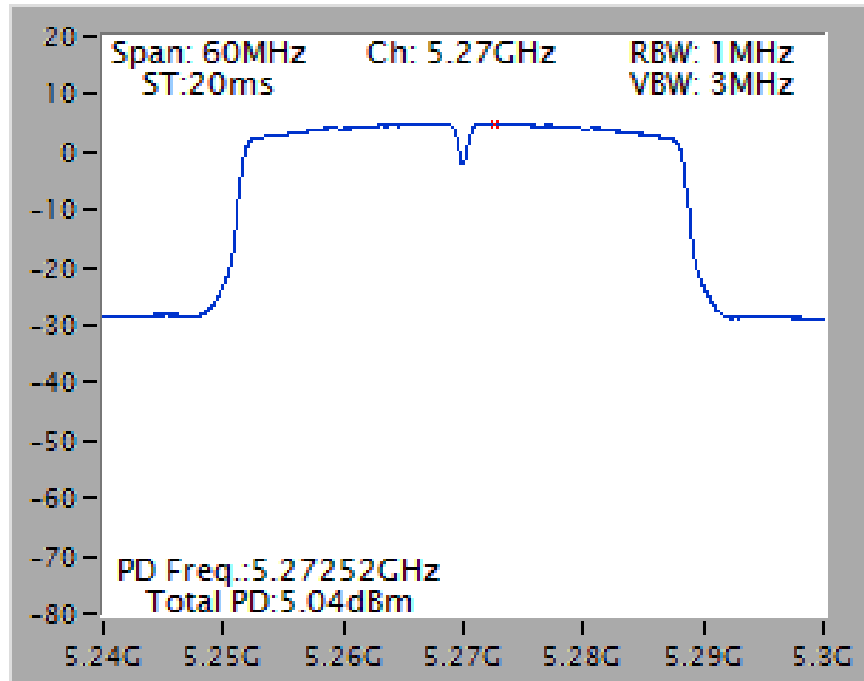
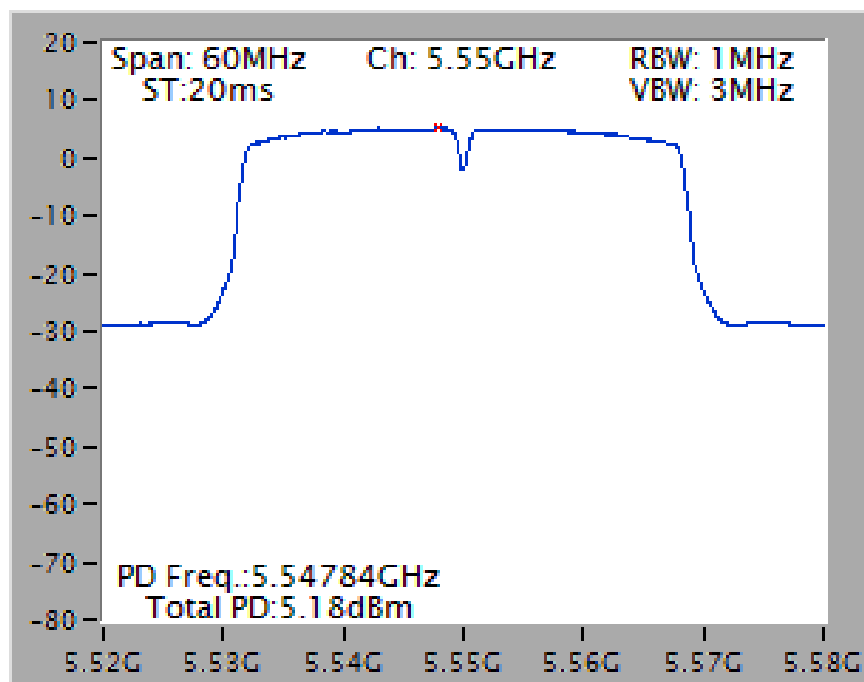


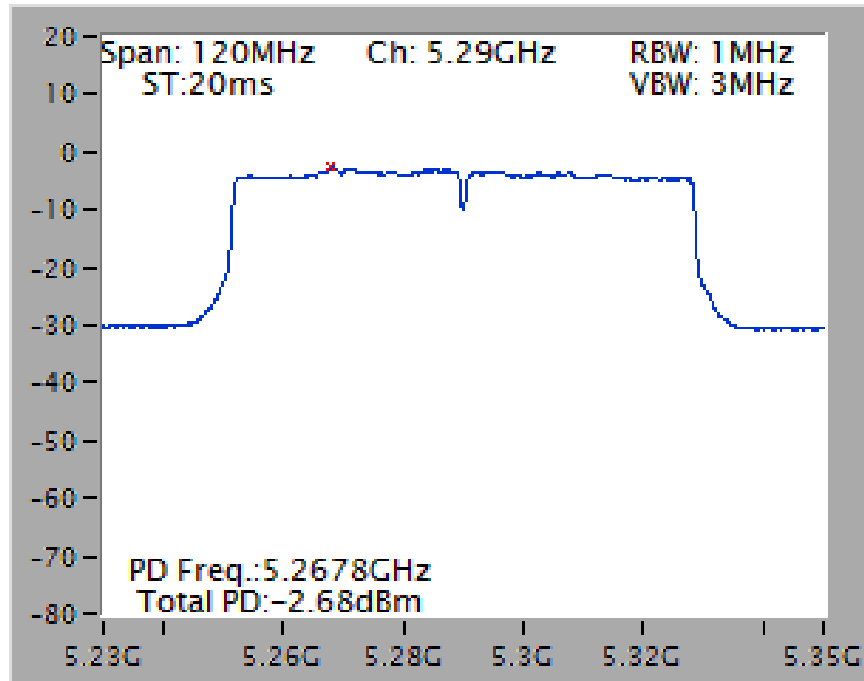
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



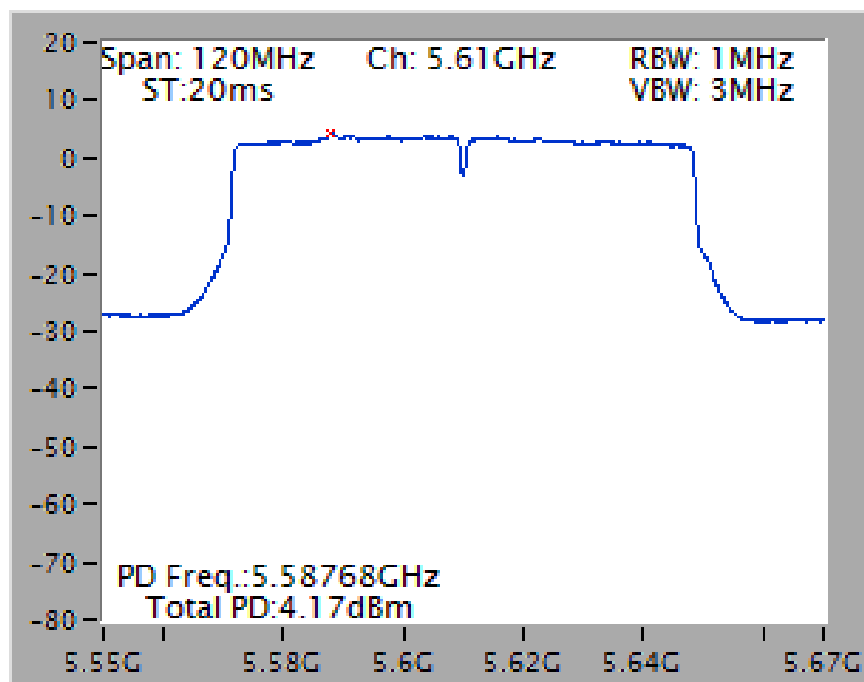
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

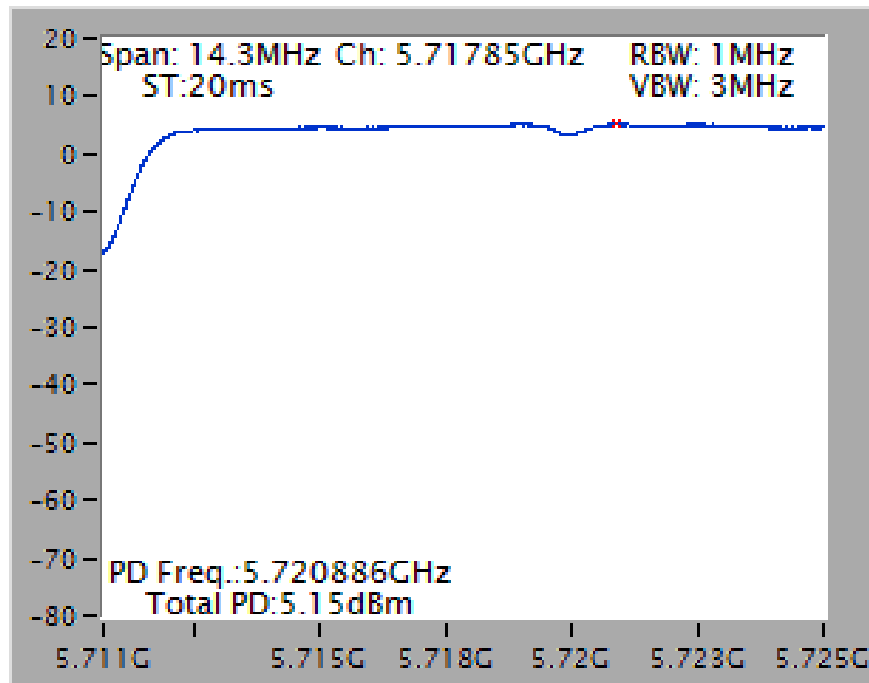


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

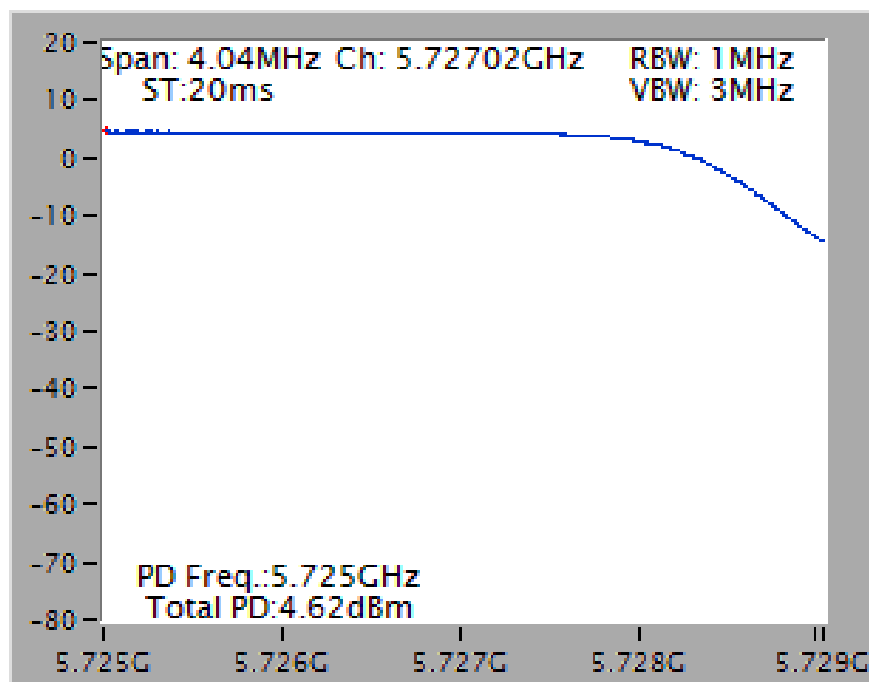


**Straddle Channel**

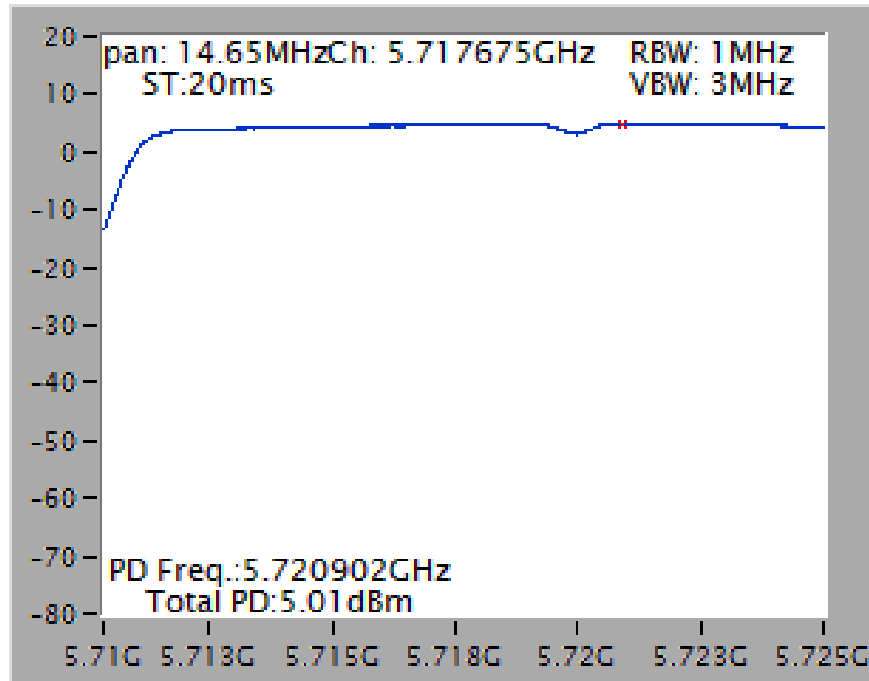
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz  
(UNII 2C)



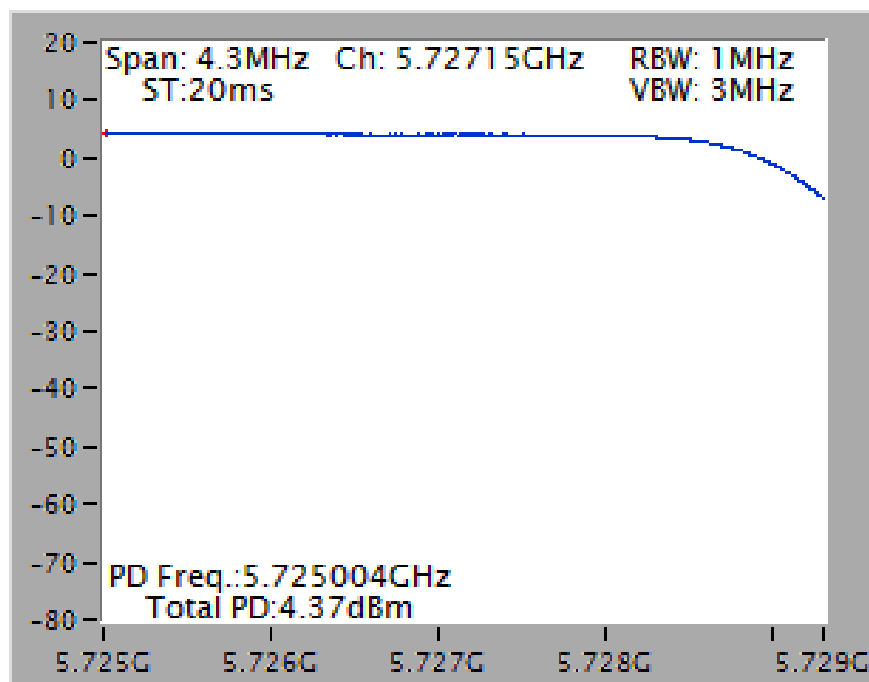
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz  
(UNII 3)



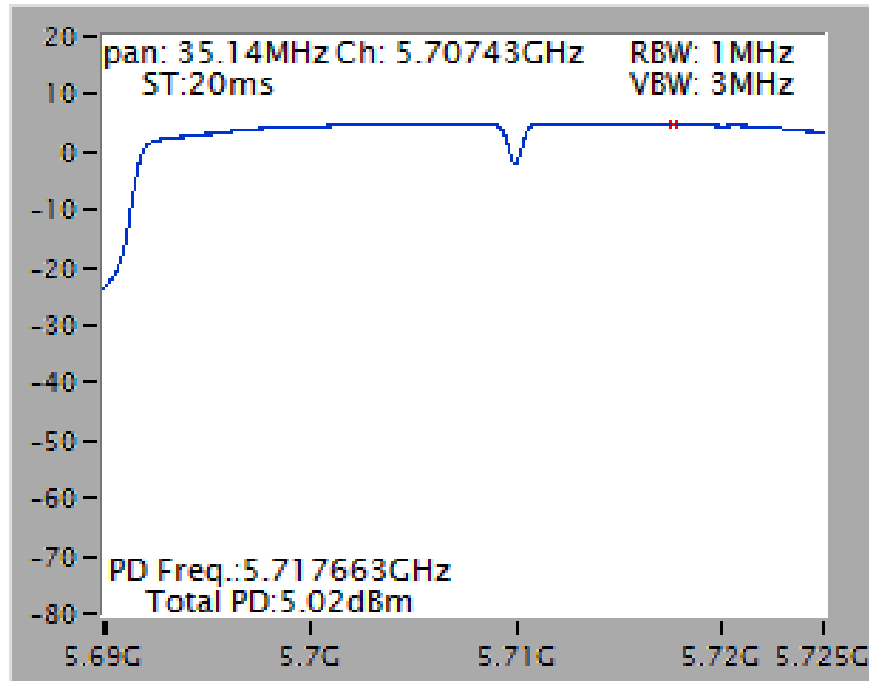
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



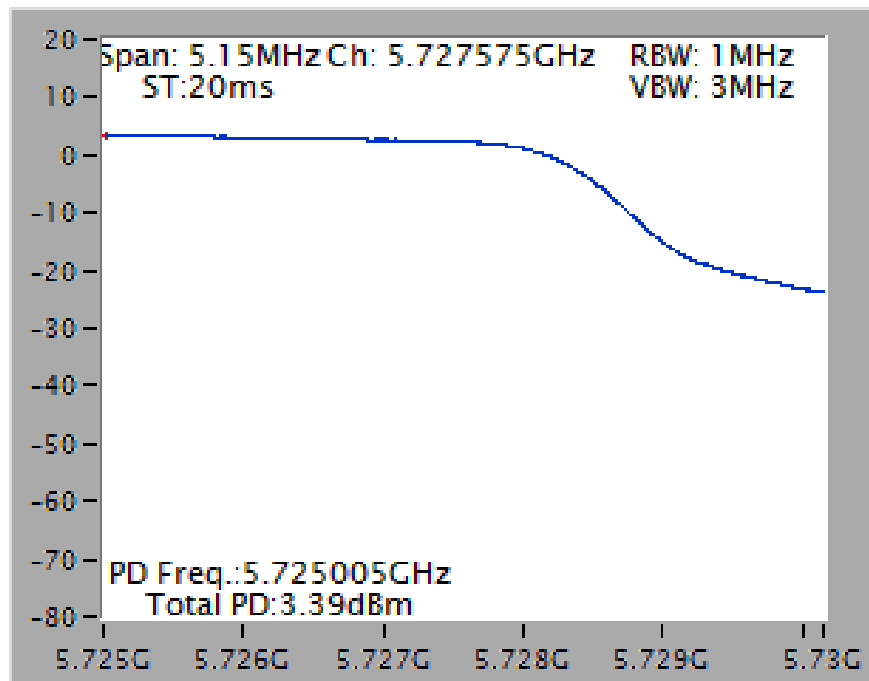
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



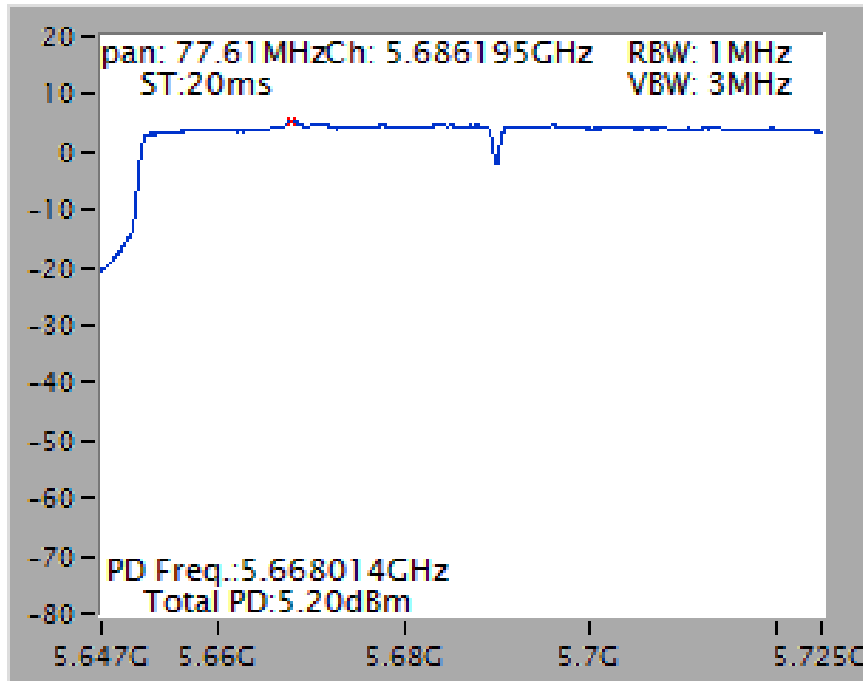
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



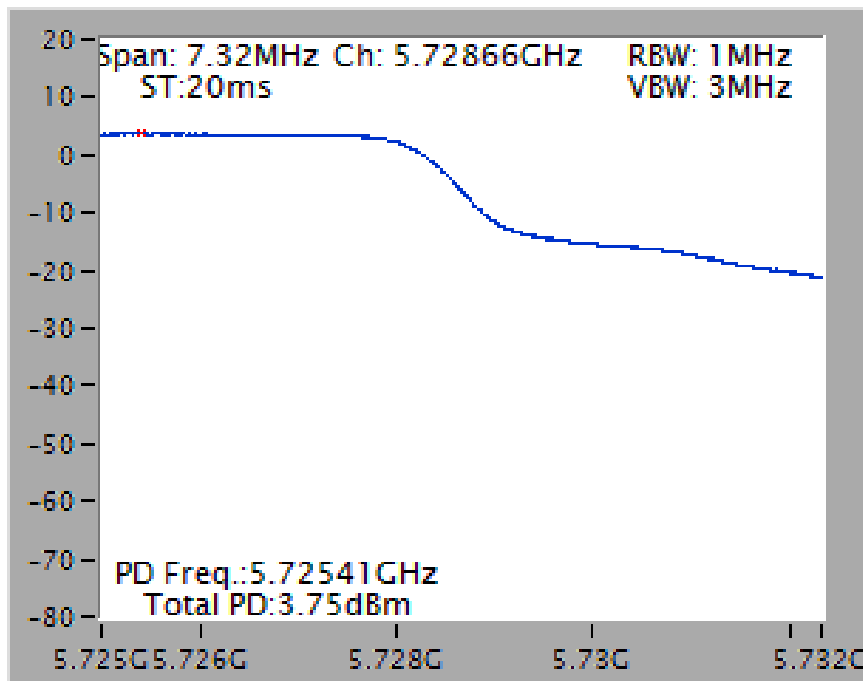
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



## 4.6. Radiated Emissions Measurement

### 4.6.1. Limit

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

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

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

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

### 4.6.2. Measuring Instruments and Setting

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

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW / VBW (Emission in restricted band)	1 MHz / 3MHz for Peak, 1 MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1 MHz / 3MHz for peak

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RBW 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RBW 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RBW 120kHz for QP

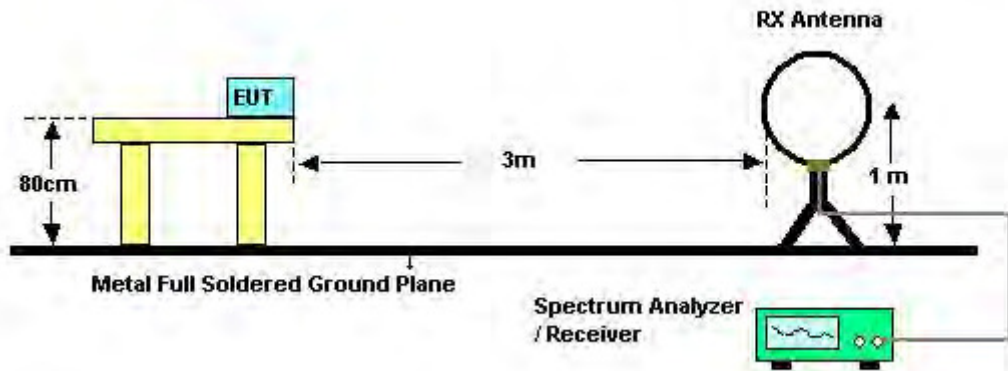
#### 4.6.3. Test Procedures

1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 1m & 3m far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and 3MHz RBW for peak reading. Then 1MHz RBW and 1/T VBW for average reading in spectrum analyzer.
7. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
8. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
9. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

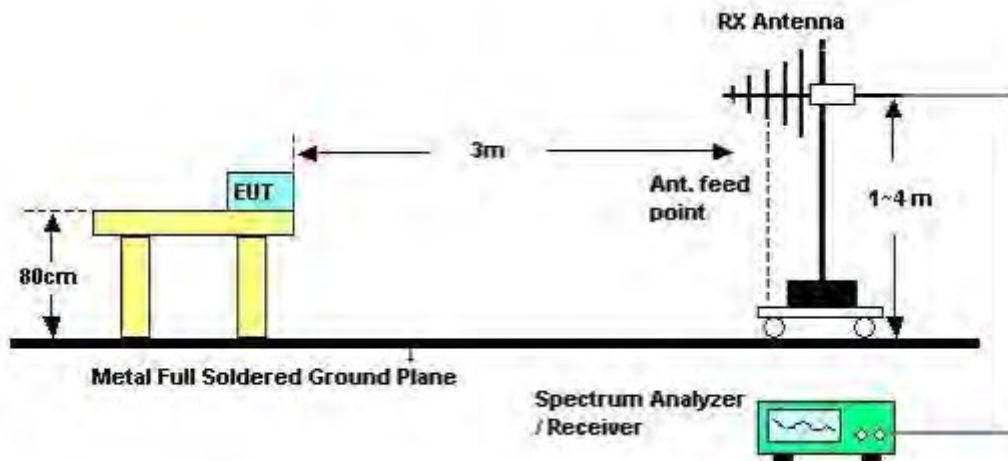


#### 4.6.4. Test Setup Layout

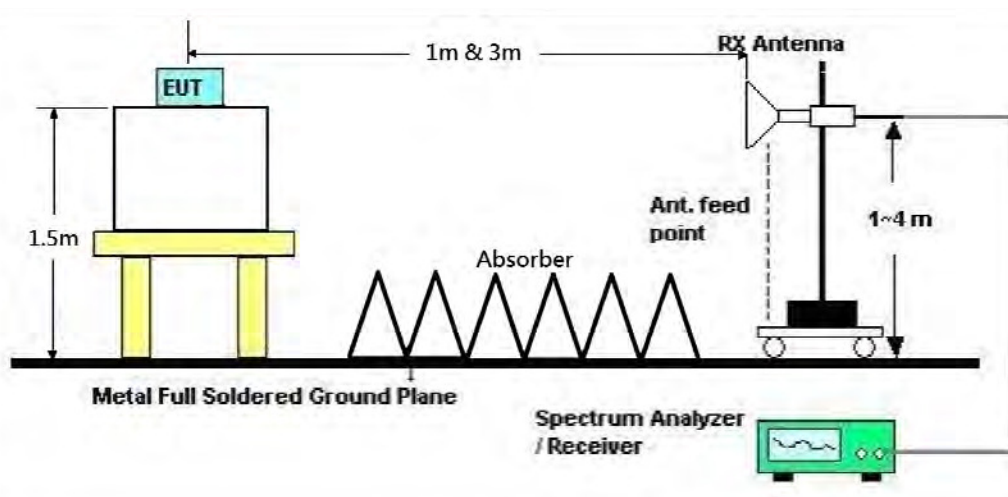
For Radiated Emissions: 9kHz ~30MHz



For Radiated Emissions: 30MHz~1GHz



For Radiated Emissions: Above 1GHz



#### 4.6.5. Test Deviation

There is no deviation with the original standard.

#### 4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

**4.6.7. Results of Radiated Emissions (9kHz~30MHz)**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	Normal Link
<b>Test Date</b>	Nov. 23, 2015	<b>Test Mode</b>	Mode 2

<b>Freq. (MHz)</b>	<b>Level (dBuV)</b>	<b>Over Limit (dB)</b>	<b>Limit Line (dBuV)</b>	<b>Remark</b>
-	-	-	-	See Note

**Note:**

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

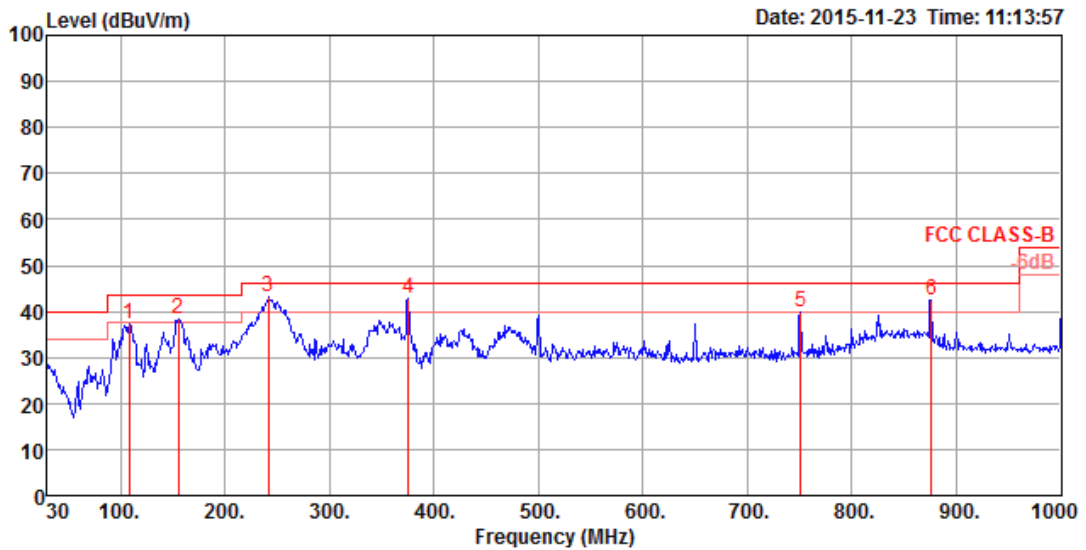
Distance extrapolation factor =  $40 \log(\text{specific distance} / \text{test distance})$  (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

4.6.8. Results of Radiated Emissions (30MHz~1GHz)

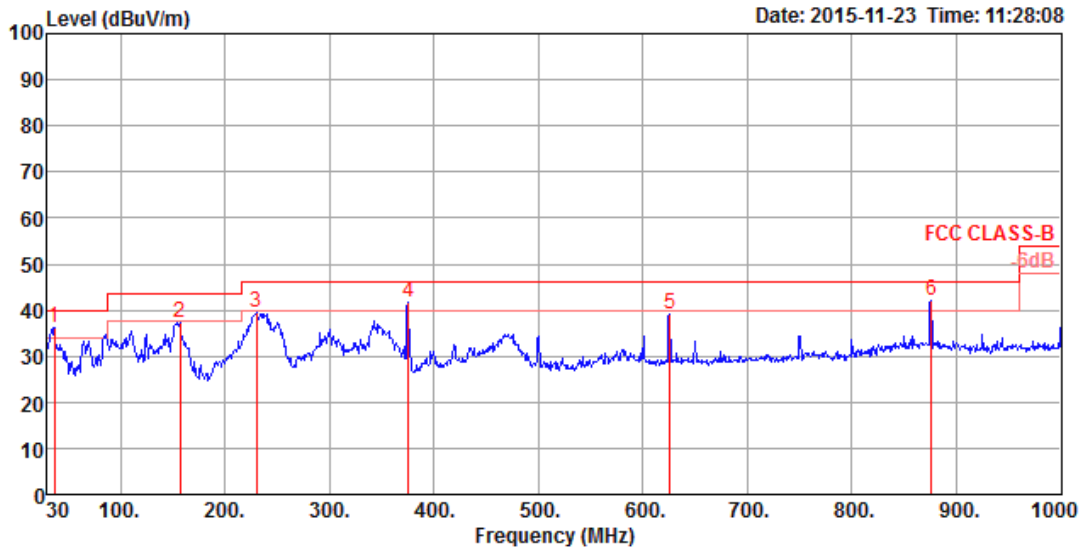
Temperature	138	Humidity	5690 MHz
Test Engineer	142	Configurations	Normal Link
Test Mode	Mode 2		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	108.57	37.27	43.50	-6.23	56.41	0.90	12.34	32.38	200	186 Peak	HORIZONTAL
2	155.13	38.39	43.50	-5.11	58.65	1.07	11.02	32.35	175	113 Peak	HORIZONTAL
3	241.46	43.00	46.00	-3.00	61.57	1.32	12.42	32.31	125	154 Peak	HORIZONTAL
4	375.32	42.90	46.00	-3.10	57.51	1.67	16.04	32.32	100	84 Peak	HORIZONTAL
5	750.71	39.89	46.00	-6.11	49.42	2.37	20.40	32.30	125	217 Peak	HORIZONTAL
6	875.84	42.40	46.00	-3.60	50.26	2.55	21.45	31.86	100	140 Peak	HORIZONTAL

**Vertical**



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	36.79	36.19	40.00	-3.81	52.07	0.53	15.99	32.40	100	240 Peak	VERTICAL
2	157.07	37.42	43.50	-6.08	57.76	1.07	10.94	32.35	200	199 Peak	VERTICAL
3	229.82	39.63	46.00	-6.37	59.34	1.30	11.30	32.31	100	54 Peak	VERTICAL
4	375.32	41.65	46.00	-4.35	56.26	1.67	16.04	32.32	100	38 Peak	VERTICAL
5	625.58	38.96	46.00	-7.04	49.79	2.16	19.41	32.40	100	158 Peak	VERTICAL
6	875.84	41.95	46.00	-4.05	49.81	2.55	21.45	31.86	150	211 Peak	VERTICAL

**Note:**

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

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

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



4.6.9. Results for Radiated Emissions (1GHz~40GHz)

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Oct. 30, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15772.50	41.46	54.00	-12.54	28.06	10.80	37.91	35.31	Average	200	93	HORIZONTAL
2	15792.80	55.36	74.00	-18.64	41.99	10.80	37.89	35.32	Peak	200	93	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15755.70	53.19	74.00	-20.81	39.76	10.80	37.94	35.31	Peak	200	102	VERTICAL
2	15784.00	41.64	54.00	-12.36	28.27	10.80	37.89	35.32	Average	200	102	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10595.86	50.55	74.00	-23.45	38.31	8.62	38.58	34.96	Peak	200	74 HORIZONTAL
2	10601.64	39.12	54.00	-14.88	26.85	8.64	38.58	34.95	Average	200	74 HORIZONTAL
3	15895.30	53.95	74.00	-20.05	40.76	10.81	37.74	35.36	Peak	200	192 HORIZONTAL
4	15899.36	41.65	54.00	-12.35	28.46	10.81	37.74	35.36	Average	200	192 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10583.90	38.95	54.00	-15.05	26.71	8.62	38.58	34.96	Average	200	152 VERTICAL
2	10598.90	51.48	74.00	-22.52	39.22	8.64	38.58	34.96	Peak	200	152 VERTICAL
3	15896.60	53.29	74.00	-20.71	40.10	10.81	37.74	35.36	Peak	200	163 VERTICAL
4	15917.20	42.16	54.00	-11.84	29.01	10.81	37.72	35.38	Average	200	163 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10638.94	38.88	54.00	-15.12	26.59	8.66	38.57	34.94	Average	200	83	HORIZONTAL
2	10641.18	51.01	74.00	-22.99	38.72	8.66	38.57	34.94	Peak	200	83	HORIZONTAL
3	15958.90	54.30	74.00	-19.70	41.23	10.82	37.65	35.40	Peak	200	212	HORIZONTAL
4	15963.68	41.78	54.00	-12.22	28.71	10.82	37.65	35.40	Average	200	212	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.00	50.77	74.00	-23.23	38.48	8.66	38.57	34.94	Peak	200	193	VERTICAL
2	10640.54	38.90	54.00	-15.10	26.61	8.66	38.57	34.94	Average	200	193	VERTICAL
3	15960.76	53.56	74.00	-20.44	40.49	10.82	37.65	35.40	Peak	200	82	VERTICAL
4	15964.44	42.48	54.00	-11.52	29.41	10.82	37.65	35.40	Average	200	82	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10995.90	51.95	74.00	-22.05	39.31	8.93	38.50	34.79	Peak	200	182	HORIZONTAL
2	10999.42	39.50	54.00	-14.50	26.86	8.93	38.50	34.79	Average	200	182	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11000.76	40.52	54.00	-13.48	27.88	8.93	38.50	34.79	Average	200	61	VERTICAL
2	11000.76	52.11	74.00	-21.89	39.47	8.93	38.50	34.79	Peak	200	61	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.72	39.74	54.00	-14.26	26.79	9.04	38.70	34.79	Average	200	145	HORIZONTAL
2	11162.36	51.88	74.00	-22.12	38.93	9.04	38.70	34.79	Peak	200	145	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11157.74	52.58	74.00	-21.42	39.63	9.04	38.70	34.79	Peak	200	102	VERTICAL
2	11162.22	40.60	54.00	-13.40	27.65	9.04	38.70	34.79	Average	200	102	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11396.30	52.24	74.00	-21.76	38.87	9.19	38.98	34.80	Peak	200	103 HORIZONTAL
2	11403.28	40.39	54.00	-13.61	27.02	9.19	38.98	34.80	Average	200	103 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11402.18	41.40	54.00	-12.60	28.03	9.19	38.98	34.80	Average	200	192 VERTICAL
2	11404.48	53.58	74.00	-20.42	40.21	9.19	38.98	34.80	Peak	200	192 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15781.22	53.64	74.00	-20.36	40.25	10.80	37.91	35.32	Peak	200	133	HORIZONTAL
2	15781.54	41.09	54.00	-12.91	27.72	10.80	37.89	35.32	Average	200	133	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15777.56	54.29	74.00	-19.71	40.90	10.80	37.91	35.32	Peak	200	152	VERTICAL
2	15784.80	41.64	54.00	-12.36	28.27	10.80	37.89	35.32	Average	200	152	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10602.48	51.12	74.00	-22.88	38.85	8.64	38.58	34.95	Peak	200	151	HORIZONTAL
2	10604.96	38.81	54.00	-15.19	26.54	8.64	38.58	34.95	Average	200	151	HORIZONTAL
3	15895.02	53.58	74.00	-20.42	40.39	10.81	37.74	35.36	Peak	200	83	HORIZONTAL
4	15900.02	41.45	54.00	-12.55	28.26	10.81	37.74	35.36	Average	200	83	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10595.24	38.98	54.00	-15.02	26.74	8.62	38.58	34.96	Average	200	110	VERTICAL
2	10599.66	50.69	74.00	-23.31	38.43	8.64	38.58	34.96	Peak	200	110	VERTICAL
3	15898.76	41.94	54.00	-12.06	28.75	10.81	37.74	35.36	Average	200	201	VERTICAL
4	15904.70	54.46	74.00	-19.54	41.29	10.81	37.72	35.36	Peak	200	201	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.16	50.63	74.00	-23.37	38.34	8.66	38.57	34.94	Peak	200	92	HORIZONTAL
2	10640.68	38.91	54.00	-15.09	26.62	8.66	38.57	34.94	Average	200	92	HORIZONTAL
3	15961.70	53.18	74.00	-20.82	40.11	10.82	37.65	35.40	Peak	200	210	HORIZONTAL
4	15962.12	41.22	54.00	-12.78	28.15	10.82	37.65	35.40	Average	200	210	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10637.74	50.65	74.00	-23.35	38.36	8.66	38.57	34.94	Peak	200	107	VERTICAL
2	10643.06	38.73	54.00	-15.27	26.44	8.66	38.57	34.94	Average	200	107	VERTICAL
3	15961.42	54.51	74.00	-19.49	41.44	10.82	37.65	35.40	Peak	200	53	VERTICAL
4	15963.82	42.56	54.00	-11.44	29.49	10.82	37.65	35.40	Average	200	53	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10996.42	40.09	54.00	-13.91	27.45	8.93	38.50	34.79	Average	200	121	HORIZONTAL
2	10998.84	51.94	74.00	-22.06	39.30	8.93	38.50	34.79	Peak	200	121	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.58	55.20	74.00	-18.80	42.56	8.93	38.50	34.79	Peak	200	154	VERTICAL
2	10998.66	41.53	54.00	-12.47	28.89	8.93	38.50	34.79	Average	200	154	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11155.00	52.32	74.00	-21.68	39.40	9.03	38.68	34.79	200	201	HORIZONTAL
2	11160.92	39.96	54.00	-14.04	27.01	9.04	38.70	34.79	200	201	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11157.16	53.35	74.00	-20.65	40.43	9.03	38.68	34.79	200	111	VERTICAL
2	11161.52	41.85	54.00	-12.15	28.90	9.04	38.70	34.79	200	111	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.66	41.02	54.00	-12.98	27.65	9.19	38.98	34.80	Average	200	193	HORIZONTAL
2	11398.84	53.02	74.00	-20.98	39.65	9.19	38.98	34.80	Peak	200	193	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.10	53.39	74.00	-20.61	40.02	9.19	38.98	34.80	Peak	200	85	VERTICAL
2	11402.14	41.81	54.00	-12.19	28.44	9.19	38.98	34.80	Average	200	85	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15803.52	42.62	54.00	-11.38	29.28	10.80	37.87	35.33	Average	200	13	HORIZONTAL
2	15806.20	55.37	74.00	-18.63	42.03	10.80	37.87	35.33	Peak	200	13	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15806.08	42.73	54.00	-11.27	29.39	10.80	37.87	35.33	Average	200	23	VERTICAL
2	15814.44	55.02	74.00	-18.98	41.68	10.80	37.87	35.33	Peak	200	23	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10610.08	39.25	54.00	-14.75	26.98	8.64	38.58	34.95	Average	200	331	HORIZONTAL
2	10613.40	51.07	74.00	-22.93	38.80	8.64	38.58	34.95	Peak	200	331	HORIZONTAL
3	15920.96	55.79	74.00	-18.21	42.66	10.81	37.70	35.38	Peak	200	264	HORIZONTAL
4	15927.52	43.23	54.00	-10.77	30.10	10.81	37.70	35.38	Average	200	264	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10615.80	51.03	74.00	-22.97	38.75	8.65	38.58	34.95	Peak	200	96	VERTICAL
2	10622.60	39.23	54.00	-14.77	26.95	8.65	38.58	34.95	Average	200	96	VERTICAL
3	15926.48	42.16	54.00	-11.84	29.03	10.81	37.70	35.38	Average	200	213	VERTICAL
4	15938.12	55.01	74.00	-18.99	41.92	10.81	37.67	35.39	Peak	200	213	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11010.64	52.20	74.00	-21.80	39.53	8.94	38.52	34.79	Peak	200	145	HORIZONTAL
2	11021.56	39.98	54.00	-14.02	27.28	8.95	38.54	34.79	Average	200	145	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11017.52	52.46	74.00	-21.54	39.79	8.94	38.52	34.79	Peak	200	189	VERTICAL
2	11019.32	40.81	54.00	-13.19	28.14	8.94	38.52	34.79	Average	200	189	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11106.28	51.80	74.00	-22.20	38.98	8.99	38.62	34.79	Peak	200	182	HORIZONTAL
2	11109.64	40.06	54.00	-13.94	27.21	9.00	38.64	34.79	Average	200	182	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11090.36	40.90	54.00	-13.10	28.08	8.99	38.62	34.79	Average	200	157	VERTICAL
2	11098.12	52.35	74.00	-21.65	39.53	8.99	38.62	34.79	Peak	200	157	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11331.56	52.16	74.00	-21.84	38.92	9.14	38.90	34.80	Peak	200	156	HORIZONTAL
2	11348.92	40.46	54.00	-13.54	27.19	9.15	38.92	34.80	Average	200	156	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11334.24	53.39	74.00	-20.61	40.15	9.14	38.90	34.80	Peak	200	154	VERTICAL
2	11340.00	40.72	54.00	-13.28	27.48	9.14	38.90	34.80	Average	200	154	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.76	42.41	54.00	-11.59	29.18	10.81	37.77	35.35	Average	200	187	HORIZONTAL
2	15870.04	54.12	74.00	-19.88	40.89	10.81	37.77	35.35	Peak	200	187	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.72	54.91	74.00	-19.09	41.68	10.81	37.77	35.35	Peak	200	167	VERTICAL
2	15869.92	42.91	54.00	-11.09	29.68	10.81	37.77	35.35	Average	200	167	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.71	39.97	54.00	-14.03	27.21	8.97	38.58	34.79	Average	200	104	HORIZONTAL
2	11060.22	52.00	74.00	-22.00	39.24	8.97	38.58	34.79	Peak	200	104	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.50	39.90	54.00	-14.10	27.14	8.97	38.58	34.79	Average	200	63	VERTICAL
2	11059.92	52.97	74.00	-21.03	40.21	8.97	38.58	34.79	Peak	200	63	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11219.59	39.72	54.00	-14.28	26.68	9.07	38.76	34.79	Average	200	82	HORIZONTAL
2	11220.09	52.06	74.00	-21.94	39.02	9.07	38.76	34.79	Peak	200	82	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11220.17	39.65	54.00	-14.35	26.61	9.07	38.76	34.79	Average	200	197	VERTICAL
2	11220.17	51.57	74.00	-22.43	38.53	9.07	38.76	34.79	Peak	200	197	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11435.24	54.50	74.00	-19.50	41.07	9.21	39.02	34.80	Peak	200	301	HORIZONTAL
2	11440.56	40.77	54.00	-13.23	27.34	9.21	39.02	34.80	Average	200	301	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.42	58.07	74.00	-15.93	44.64	9.21	39.02	34.80	Peak	200	252	VERTICAL
2	11440.72	44.02	54.00	-9.98	30.59	9.21	39.02	34.80	Average	200	252	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.90	53.01	74.00	-20.99	39.58	9.21	39.02	34.80	Peak	200	173	HORIZONTAL
2	11441.96	41.05	54.00	-12.95	27.62	9.21	39.02	34.80	Average	200	173	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11437.90	53.88	74.00	-20.12	40.45	9.21	39.02	34.80	Peak	200	154	VERTICAL
2	11440.70	42.12	54.00	-11.88	28.69	9.21	39.02	34.80	Average	200	154	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11421.24	40.90	54.00	-13.10	27.50	9.20	39.00	34.80	Average	200	197	HORIZONTAL
2	11424.60	53.45	74.00	-20.55	40.05	9.20	39.00	34.80	Peak	200	197	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11411.92	53.26	74.00	-20.74	39.89	9.19	38.98	34.80	Peak	200	111	VERTICAL
2	11415.12	41.57	54.00	-12.43	28.17	9.20	39.00	34.80	Average	200	111	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11379.51	40.51	54.00	-13.49	27.17	9.18	38.96	34.80	200	121	HORIZONTAL
2	11380.34	52.82	74.00	-21.18	39.48	9.18	38.96	34.80	200	121	HORIZONTAL
3	17069.80	47.39	54.00	-6.61	29.32	12.39	40.36	34.68	200	44	HORIZONTAL
4	17069.91	58.59	74.00	-15.41	40.52	12.39	40.36	34.68	200	44	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11379.65	52.21	74.00	-21.79	38.87	9.18	38.96	34.80	200	152	VERTICAL
2	11379.94	40.67	54.00	-13.33	27.33	9.18	38.96	34.80	200	152	VERTICAL
3	17069.76	59.94	74.00	-14.06	41.87	12.39	40.36	34.68	200	177	VERTICAL
4	17069.89	46.90	54.00	-7.10	28.83	12.39	40.36	34.68	200	177	VERTICAL

**Note:**

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15781.85	56.86	74.00	-17.14	43.49	10.80	37.89	35.32	Peak	157	80 HORIZONTAL
2	15782.74	43.52	54.00	-10.48	30.15	10.80	37.89	35.32	Average	157	80 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15776.44	56.17	74.00	-17.83	42.77	10.80	37.91	35.31	Peak	148	197 VERTICAL
2	15783.21	43.50	54.00	-10.50	30.13	10.80	37.89	35.32	Average	148	197 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10593.92	47.18	54.00	-6.82	34.94	8.62	38.58	34.96 Average	133	313	HORIZONTAL
2	10594.36	59.85	74.00	-14.15	47.61	8.62	38.58	34.96 Peak	133	313	HORIZONTAL
3	15902.82	44.08	54.00	-9.92	30.91	10.81	37.72	35.36 Average	154	233	HORIZONTAL
4	15904.57	57.00	74.00	-17.00	43.83	10.81	37.72	35.36 Peak	154	233	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10601.52	55.71	74.00	-18.29	43.44	8.64	38.58	34.95 Peak	137	316	VERTICAL
2	10601.81	43.24	54.00	-10.76	30.97	8.64	38.58	34.95 Average	137	316	VERTICAL
3	15895.24	43.87	54.00	-10.13	30.68	10.81	37.74	35.36 Average	173	180	VERTICAL
4	15899.70	56.86	74.00	-17.14	43.67	10.81	37.74	35.36 Peak	173	180	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10644.92	59.75	74.00	-14.25	47.46	8.66	38.57	34.94	Peak	169	45	HORIZONTAL
2	10646.15	47.65	54.00	-6.35	35.36	8.66	38.57	34.94	Average	169	45	HORIZONTAL
3	15955.86	43.18	54.00	-10.82	30.11	10.82	37.65	35.40	Average	166	242	HORIZONTAL
4	15961.59	56.48	74.00	-17.52	43.41	10.82	37.65	35.40	Peak	166	242	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10637.32	44.26	54.00	-9.74	31.97	8.66	38.57	34.94	Average	144	299	VERTICAL
2	10640.14	55.48	74.00	-18.52	43.19	8.66	38.57	34.94	Peak	144	299	VERTICAL
3	15955.60	56.38	74.00	-17.62	43.30	10.82	37.65	35.39	Peak	193	117	VERTICAL
4	15957.51	43.40	54.00	-10.60	30.33	10.82	37.65	35.40	Average	193	117	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.78	45.04	54.00	-8.96	32.40	8.93	38.50	34.79	Average	228	304	HORIZONTAL
2	11001.59	56.93	74.00	-17.07	44.29	8.93	38.50	34.79	Peak	228	304	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10996.82	53.81	74.00	-20.19	41.17	8.93	38.50	34.79	Peak	224	5	VERTICAL
2	11000.14	41.51	54.00	-12.49	28.87	8.93	38.50	34.79	Average	224	5	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11162.68	60.67	74.00	-13.33	47.72	9.04	38.70	34.79	Peak	220	304	HORIZONTAL
2	11164.05	47.63	54.00	-6.37	34.68	9.04	38.70	34.79	Average	220	304	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11162.03	45.35	54.00	-8.65	32.40	9.04	38.70	34.79	Average	217	35	VERTICAL
2	11162.75	57.29	74.00	-16.71	44.34	9.04	38.70	34.79	Peak	217	35	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.05	46.52	54.00	-7.48	33.15	9.19	38.98	34.80	Average	208	351	HORIZONTAL
2	11400.07	58.77	74.00	-15.23	45.40	9.19	38.98	34.80	Peak	208	351	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11394.43	55.05	74.00	-18.95	41.71	9.18	38.96	34.80	Peak	208	18	VERTICAL
2	11403.18	43.37	54.00	-10.63	30.00	9.19	38.98	34.80	Average	208	18	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15776.15	56.64	74.00	-17.36	43.24	10.80	37.91	35.31	Peak	172	263	HORIZONTAL
2	15781.74	43.42	54.00	-10.58	30.05	10.80	37.89	35.32	Average	172	263	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15780.90	56.78	74.00	-17.22	43.39	10.80	37.91	35.32	Peak	190	311	VERTICAL
2	15783.88	43.49	54.00	-10.51	30.12	10.80	37.89	35.32	Average	190	311	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10602.82	60.76	74.00	-13.24	48.49	8.64	38.58	34.95	Peak	163	46	HORIZONTAL
2	10603.62	48.08	54.00	-5.92	35.81	8.64	38.58	34.95	Average	163	46	HORIZONTAL
3	15901.37	57.62	74.00	-16.38	44.45	10.81	37.72	35.36	Peak	179	220	HORIZONTAL
4	15903.84	43.85	54.00	-10.15	30.68	10.81	37.72	35.36	Average	179	220	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10597.03	43.33	54.00	-10.67	31.07	8.64	38.58	34.96	Average	176	45	VERTICAL
2	10599.28	56.04	74.00	-17.96	43.78	8.64	38.58	34.96	Peak	176	45	VERTICAL
3	15900.20	43.91	54.00	-10.09	30.72	10.81	37.74	35.36	Average	156	128	VERTICAL
4	15903.20	57.06	74.00	-16.94	43.89	10.81	37.72	35.36	Peak	156	128	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10645.86	46.05	54.00	-7.95	33.76	8.66	38.57	34.94 Average	167	45	HORIZONTAL
2	10647.16	59.70	74.00	-14.30	47.41	8.66	38.57	34.94 Peak	167	45	HORIZONTAL
3	15959.14	43.29	54.00	-10.71	30.22	10.82	37.65	35.40 Average	150	197	HORIZONTAL
4	15964.34	56.78	74.00	-17.22	43.71	10.82	37.65	35.40 Peak	150	197	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10635.88	54.63	74.00	-19.37	42.34	8.66	38.57	34.94 Peak	158	313	VERTICAL
2	10638.63	42.46	54.00	-11.54	30.17	8.66	38.57	34.94 Average	158	313	VERTICAL
3	15959.56	56.31	74.00	-17.69	43.24	10.82	37.65	35.40 Peak	188	177	VERTICAL
4	15961.44	43.51	54.00	-10.49	30.44	10.82	37.65	35.40 Average	188	177	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.53	58.41	74.00	-15.59	45.77	8.93	38.50	34.79	Peak	165	46	HORIZONTAL
2	11003.83	47.62	54.00	-6.38	34.98	8.93	38.50	34.79	Average	165	46	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.34	56.40	74.00	-17.60	43.76	8.93	38.50	34.79	Peak	170	133	VERTICAL
2	11002.68	43.72	54.00	-10.28	31.08	8.93	38.50	34.79	Average	170	133	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11160.68	61.24	74.00	-12.76	48.29	9.04	38.70	34.79	Peak	156	316	HORIZONTAL
2	11162.93	49.46	54.00	-4.54	36.51	9.04	38.70	34.79	Average	156	316	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.07	59.25	74.00	-14.75	46.30	9.04	38.70	34.79	Peak	141	40	VERTICAL
2	11163.76	45.36	54.00	-8.64	32.41	9.04	38.70	34.79	Average	141	40	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.70	55.47	74.00	-18.53	42.10	9.19	38.98	34.80	Peak	149	6	HORIZONTAL
2	11400.36	43.44	54.00	-10.56	30.07	9.19	38.98	34.80	Average	149	6	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.13	54.53	74.00	-19.47	41.16	9.19	38.98	34.80	Peak	203	227	VERTICAL
2	11399.42	42.31	54.00	-11.69	28.94	9.19	38.98	34.80	Average	203	227	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15807.47	43.57	54.00	-10.43	30.23	10.80	37.87	35.33	Average	157	204	HORIZONTAL
2	15812.10	56.68	74.00	-17.32	43.34	10.80	37.87	35.33	Peak	157	204	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15812.94	43.45	54.00	-10.55	30.11	10.80	37.87	35.33	Average	165	311	VERTICAL
2	15813.17	57.80	74.00	-16.20	44.46	10.80	37.87	35.33	Peak	165	311	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10618.18	41.33	54.00	-12.67	29.05	8.65	38.58	34.95	Average	182	70	HORIZONTAL
2	10619.84	53.40	74.00	-20.60	41.12	8.65	38.58	34.95	Peak	182	70	HORIZONTAL
3	15933.23	56.17	74.00	-17.83	43.05	10.81	37.70	35.39	Peak	182	286	HORIZONTAL
4	15934.66	43.38	54.00	-10.62	30.29	10.81	37.67	35.39	Average	182	286	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10623.50	53.15	74.00	-20.85	40.87	8.65	38.58	34.95	Peak	165	92	VERTICAL
2	10624.82	40.74	54.00	-13.26	28.46	8.65	38.58	34.95	Average	165	92	VERTICAL
3	15925.59	56.82	74.00	-17.18	43.69	10.81	37.70	35.38	Peak	155	165	VERTICAL
4	15932.03	43.34	54.00	-10.66	30.22	10.81	37.70	35.39	Average	155	165	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.45	40.82	54.00	-13.18	28.15	8.94	38.52	34.79	Average	170	290	HORIZONTAL
2	11023.37	54.54	74.00	-19.46	41.84	8.95	38.54	34.79	Peak	170	290	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11016.06	54.05	74.00	-19.95	41.38	8.94	38.52	34.79	Peak	162	105	VERTICAL
2	11022.23	41.01	54.00	-12.99	28.31	8.95	38.54	34.79	Average	162	105	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11096.67	57.66	74.00	-16.34	44.84	8.99	38.62	34.79	Peak	182	33	HORIZONTAL
2	11099.78	44.80	54.00	-9.20	31.98	8.99	38.62	34.79	Average	182	33	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11105.93	54.82	74.00	-19.18	42.00	8.99	38.62	34.79	Peak	191	40	VERTICAL
2	11106.22	43.26	54.00	-10.74	30.44	8.99	38.62	34.79	Average	191	40	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.57	44.69	54.00	-9.31	31.45	9.14	38.90	34.80	Average	184	316	HORIZONTAL
2	11350.06	57.60	74.00	-16.40	44.33	9.15	38.92	34.80	Peak	184	316	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11343.83	54.25	74.00	-19.75	41.01	9.14	38.90	34.80	Peak	141	272	VERTICAL
2	11346.01	42.65	54.00	-11.35	29.38	9.15	38.92	34.80	Average	141	272	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15865.21	44.22	54.00	-9.78	30.97	10.81	37.79	35.35	Average	147	175	HORIZONTAL
2	15871.53	56.99	74.00	-17.01	43.76	10.81	37.77	35.35	Peak	147	175	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15866.77	44.16	54.00	-9.84	30.93	10.81	37.77	35.35	Average	174	259	VERTICAL
2	15874.36	56.73	74.00	-17.27	43.50	10.81	37.77	35.35	Peak	174	259	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11055.17	53.80	74.00	-20.20	41.07	8.96	38.56	34.79	Peak	220	24	HORIZONTAL
2	11059.22	41.54	54.00	-12.46	28.78	8.97	38.58	34.79	Average	220	24	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11060.67	54.75	74.00	-19.25	41.99	8.97	38.58	34.79	Peak	131	163	VERTICAL
2	11064.37	41.38	54.00	-12.62	28.62	8.97	38.58	34.79	Average	131	163	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11215.08	55.84	74.00	-18.16	42.80	9.07	38.76	34.79	Peak	169	350 HORIZONTAL
2	11219.64	43.84	54.00	-10.16	30.80	9.07	38.76	34.79	Average	169	350 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11221.25	54.73	74.00	-19.27	41.69	9.07	38.76	34.79	Peak	184	172 VERTICAL
2	11223.26	41.47	54.00	-12.53	28.43	9.07	38.76	34.79	Average	184	172 VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.29	51.68	54.00	-2.32	38.25	9.21	39.02	34.80	Average	212	305	HORIZONTAL
2	11440.58	64.75	74.00	-9.25	51.32	9.21	39.02	34.80	Peak	212	305	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.00	45.60	54.00	-8.40	32.17	9.21	39.02	34.80	Average	207	35	VERTICAL
2	11440.72	57.10	74.00	-16.90	43.67	9.21	39.02	34.80	Peak	207	35	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.65	63.38	74.00	-10.62	49.95	9.21	39.02	34.80	Peak	176	312	HORIZONTAL
2	11442.24	50.05	54.00	-3.95	36.62	9.21	39.02	34.80	Average	176	312	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11441.95	45.05	54.00	-8.95	31.62	9.21	39.02	34.80	Average	178	316	VERTICAL
2	11444.92	56.67	74.00	-17.33	43.24	9.21	39.02	34.80	Peak	178	316	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.93	47.33	54.00	-6.67	33.93	9.20	39.00	34.80	Average	134	316	HORIZONTAL
2	11420.07	59.13	74.00	-14.87	45.73	9.20	39.00	34.80	Peak	134	316	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.93	45.27	54.00	-8.73	31.87	9.20	39.00	34.80	Average	136	41	VERTICAL
2	11420.22	57.59	74.00	-16.41	44.19	9.20	39.00	34.80	Peak	136	41	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 25, 2015		
<b>Test Mode</b>	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11384.27	57.52	74.00	-16.48	44.18	9.18	38.96	34.80	Peak	169	319	HORIZONTAL
2	11384.92	45.40	54.00	-8.60	32.06	9.18	38.96	34.80	Average	169	319	HORIZONTAL
3	17067.21	47.23	54.00	-6.77	29.16	12.39	40.36	34.68	Average	157	191	HORIZONTAL
4	17071.59	61.29	74.00	-12.71	43.22	12.39	40.36	34.68	Peak	157	191	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11372.18	55.60	74.00	-18.40	42.30	9.16	38.94	34.80	Peak	176	41	VERTICAL
2	11379.57	43.11	54.00	-10.89	29.77	9.18	38.96	34.80	Average	176	41	VERTICAL
3	17067.22	60.76	74.00	-13.24	42.69	12.39	40.36	34.68	Peak	140	143	VERTICAL
4	17073.34	47.28	54.00	-6.72	29.21	12.39	40.36	34.68	Average	140	143	VERTICAL

**Note:**

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.53	41.79	54.00	-12.21	28.40	10.80	37.91	35.32	Average	150	246	HORIZONTAL
2	15780.36	54.88	74.00	-19.12	41.49	10.80	37.91	35.32	Peak	150	246	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.50	42.55	54.00	-11.45	29.16	10.80	37.91	35.32	Average	150	110	VERTICAL
2	15780.17	55.19	74.00	-18.81	41.80	10.80	37.91	35.32	Peak	150	110	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.24	43.02	54.00	-10.98	30.76	8.64	38.58	34.96	Average	153	11	HORIZONTAL
2	10600.48	54.94	74.00	-19.06	42.68	8.64	38.58	34.96	Peak	153	11	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.68	43.08	54.00	-10.92	30.81	8.64	38.58	34.95	Average	148	347	VERTICAL
2	10601.92	54.45	74.00	-19.55	42.18	8.64	38.58	34.95	Peak	148	347	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10640.03	42.73	54.00	-11.27	30.44	8.66	38.57	34.94	Average	149	5	HORIZONTAL
2	10640.19	55.61	74.00	-18.39	43.32	8.66	38.57	34.94	Peak	149	5	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.96	56.20	74.00	-17.80	43.91	8.66	38.57	34.94	Peak	148	336	VERTICAL
2	10637.92	43.69	54.00	-10.31	31.40	8.66	38.57	34.94	Average	148	336	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11004.73	56.69	74.00	-17.31	44.02	8.94	38.52	34.79	Peak	134	61	HORIZONTAL
2	11005.85	44.69	54.00	-9.31	32.02	8.94	38.52	34.79	Average	134	61	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11001.28	57.62	74.00	-16.38	44.98	8.93	38.50	34.79	Peak	141	345	VERTICAL
2	11001.92	44.77	54.00	-9.23	32.13	8.93	38.50	34.79	Average	141	345	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11158.08	45.72	54.00	-8.28	32.77	9.04	38.70	34.79	Average	248	64	HORIZONTAL
2	11158.56	57.38	74.00	-16.62	44.43	9.04	38.70	34.79	Peak	248	64	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.20	59.21	74.00	-14.79	46.26	9.04	38.70	34.79	Peak	176	343	VERTICAL
2	11162.00	45.98	54.00	-8.02	33.03	9.04	38.70	34.79	Average	176	343	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3 + Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11399.69	55.45	74.00	-18.55	42.08	9.19	38.98	34.80	Peak	154	310 HORIZONTAL
2	11400.02	42.64	54.00	-11.36	29.27	9.19	38.98	34.80	Average	154	310 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11399.99	54.30	74.00	-19.70	40.93	9.19	38.98	34.80	Peak	150	297 VERTICAL
2	11400.04	42.35	54.00	-11.65	28.98	9.19	38.98	34.80	Average	150	297 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.96	55.81	74.00	-18.19	42.42	10.80	37.91	35.32	Peak	150	109	HORIZONTAL
2	15780.21	41.65	54.00	-12.35	28.26	10.80	37.91	35.32	Average	150	109	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.51	42.39	54.00	-11.61	29.00	10.80	37.91	35.32	Average	150	214	VERTICAL
2	15780.10	54.62	74.00	-19.38	41.23	10.80	37.91	35.32	Peak	150	214	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.32	42.40	54.00	-11.60	30.14	8.64	38.58	34.96	Average	143	11	HORIZONTAL
2	10600.80	54.39	74.00	-19.61	42.12	8.64	38.58	34.95	Peak	143	11	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.02	42.99	54.00	-11.01	30.73	8.64	38.58	34.96	Average	140	346	VERTICAL
2	10600.02	55.69	74.00	-18.31	43.43	8.64	38.58	34.96	Peak	140	346	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.84	41.74	54.00	-12.26	29.45	8.66	38.57	34.94	Average	142	358	HORIZONTAL
2	10640.15	53.90	74.00	-20.10	41.61	8.66	38.57	34.94	Peak	142	358	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.55	55.13	74.00	-18.87	42.84	8.66	38.57	34.94	Peak	149	337	VERTICAL
2	10636.88	42.44	54.00	-11.56	30.15	8.66	38.57	34.94	Average	149	337	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11003.69	54.78	74.00	-19.22	42.14	8.93	38.50	34.79	Peak	129	61	HORIZONTAL
2	11006.01	43.97	54.00	-10.03	31.30	8.94	38.52	34.79	Average	129	61	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11003.04	44.28	54.00	-9.72	31.64	8.93	38.50	34.79	Average	136	342	VERTICAL
2	11004.89	57.59	74.00	-16.41	44.92	8.94	38.52	34.79	Peak	136	342	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11157.44	57.28	74.00	-16.72	44.36	9.03	38.68	34.79	Peak	147	64	HORIZONTAL
2	11157.92	44.95	54.00	-9.05	32.00	9.04	38.70	34.79	Average	147	64	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11152.15	56.58	74.00	-17.42	43.66	9.03	38.68	34.79	Peak	144	333	VERTICAL
2	11152.31	44.31	54.00	-9.69	31.39	9.03	38.68	34.79	Average	144	333	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.00	54.05	74.00	-19.95	40.68	9.19	38.98	34.80	Peak	150	163	HORIZONTAL
2	11400.12	41.16	54.00	-12.84	27.79	9.19	38.98	34.80	Average	150	163	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.58	54.26	74.00	-19.74	40.89	9.19	38.98	34.80	Peak	152	268	VERTICAL
2	11400.10	41.67	54.00	-12.33	28.30	9.19	38.98	34.80	Average	152	268	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15810.27	41.62	54.00	-12.38	28.28	10.80	37.87	35.33	Average	150	163	HORIZONTAL
2	15810.33	54.80	74.00	-19.20	41.46	10.80	37.87	35.33	Peak	150	163	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.68	41.71	54.00	-12.29	28.37	10.80	37.87	35.33	Average	150	94	VERTICAL
2	15809.94	54.66	74.00	-19.34	41.32	10.80	37.87	35.33	Peak	150	94	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.95	53.39	74.00	-20.61	41.11	8.65	38.58	34.95	Peak	150	139	HORIZONTAL
2	10620.19	39.85	54.00	-14.15	27.57	8.65	38.58	34.95	Average	150	139	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.64	40.18	54.00	-13.82	27.90	8.65	38.58	34.95	Average	150	215	VERTICAL
2	10620.32	53.30	74.00	-20.70	41.02	8.65	38.58	34.95	Peak	150	215	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.70	40.45	54.00	-13.55	27.78	8.94	38.52	34.79	Average	150	315	HORIZONTAL
2	11020.31	53.51	74.00	-20.49	40.84	8.94	38.52	34.79	Peak	150	315	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.89	53.26	74.00	-20.74	40.59	8.94	38.52	34.79	Peak	150	235	VERTICAL
2	11020.06	40.66	54.00	-13.34	27.99	8.94	38.52	34.79	Average	150	235	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11100.17	41.17	54.00	-12.83	28.35	8.99	38.62	34.79	Average	150	244	HORIZONTAL
2	11100.49	53.43	74.00	-20.57	40.61	8.99	38.62	34.79	Peak	150	244	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.79	41.94	54.00	-12.06	29.12	8.99	38.62	34.79	Average	150	72	VERTICAL
2	11100.04	54.19	74.00	-19.81	41.37	8.99	38.62	34.79	Peak	150	72	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.56	53.25	74.00	-20.75	40.01	9.14	38.90	34.80	Peak	150	199	HORIZONTAL
2	11340.09	41.46	54.00	-12.54	28.22	9.14	38.90	34.80	Average	150	199	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.56	54.54	74.00	-19.46	41.30	9.14	38.90	34.80	Peak	150	329	VERTICAL
2	11339.87	41.92	54.00	-12.08	28.68	9.14	38.90	34.80	Average	150	329	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.57	41.80	54.00	-12.20	28.57	10.81	37.77	35.35	Average	150	221	HORIZONTAL
2	15869.83	54.47	74.00	-19.53	41.24	10.81	37.77	35.35	Peak	150	221	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.84	54.40	74.00	-19.60	41.17	10.81	37.77	35.35	Peak	150	324	VERTICAL
2	15870.03	41.92	54.00	-12.08	28.69	10.81	37.77	35.35	Average	150	324	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11060.03	53.03	74.00	-20.97	40.27	8.97	38.58	34.79	Peak	150	176 HORIZONTAL
2	11060.30	39.89	54.00	-14.11	27.13	8.97	38.58	34.79	Average	150	176 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11059.58	53.00	74.00	-21.00	40.24	8.97	38.58	34.79	Peak	150	75 VERTICAL
2	11060.44	39.97	54.00	-14.03	27.21	8.97	38.58	34.79	Average	150	75 VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11219.56	40.42	54.00	-13.58	27.38	9.07	38.76	34.79	Average	150	198	HORIZONTAL
2	11219.85	54.21	74.00	-19.79	41.17	9.07	38.76	34.79	Peak	150	198	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11220.35	53.93	74.00	-20.07	40.89	9.07	38.76	34.79	Peak	150	288	VERTICAL
2	11220.48	40.60	54.00	-13.40	27.56	9.07	38.76	34.79	Average	150	288	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11445.53	56.53	74.00	-17.47	43.10	9.21	39.02	34.80	Peak	157	56	HORIZONTAL
2	11445.85	44.65	54.00	-9.35	31.22	9.21	39.02	34.80	Average	157	56	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11441.68	56.90	74.00	-17.10	43.47	9.21	39.02	34.80	Peak	156	324	VERTICAL
2	11442.00	43.89	54.00	-10.11	30.46	9.21	39.02	34.80	Average	156	324	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11442.40	57.38	74.00	-16.62	43.95	9.21	39.02	34.80	Peak	162	62	HORIZONTAL
2	11443.53	44.66	54.00	-9.34	31.23	9.21	39.02	34.80	Average	162	62	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.07	43.66	54.00	-10.34	30.23	9.21	39.02	34.80	Average	154	324	VERTICAL
2	11440.25	56.63	74.00	-17.37	43.20	9.21	39.02	34.80	Peak	154	324	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.72	43.91	54.00	-10.09	30.51	9.20	39.00	34.80	Average	151	56	HORIZONTAL
2	11419.80	55.35	74.00	-18.65	41.95	9.20	39.00	34.80	Peak	151	56	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.51	55.05	74.00	-18.95	41.65	9.20	39.00	34.80	Peak	174	321	VERTICAL
2	11420.07	43.54	54.00	-10.46	30.14	9.20	39.00	34.80	Average	174	321	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 28, 2015		
<b>Test Mode</b>	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11379.68	54.09	74.00	-19.91	40.75	9.18	38.96	34.80	Peak	150	90	HORIZONTAL
2	11380.33	41.19	54.00	-12.81	27.85	9.18	38.96	34.80	Average	150	90	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11380.08	53.78	74.00	-20.22	40.44	9.18	38.96	34.80	Peak	150	161	VERTICAL
2	11380.13	41.38	54.00	-12.62	28.04	9.18	38.96	34.80	Average	150	161	VERTICAL

**Note:**

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

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

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

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

### Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	15775.51	56.82	74.00	-17.18	43.12	9.92	38.60	34.82	214	165 Peak	HORIZONTAL
2	15788.75	43.44	54.00	-10.56	29.72	9.93	38.63	34.84	214	165 Average	HORIZONTAL

### Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	15775.54	56.57	74.00	-17.43	42.87	9.92	38.60	34.82	185	165 Peak	VERTICAL
2	15780.16	44.39	54.00	-9.61	30.71	9.92	38.60	34.84	185	165 Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10600.00	51.57	54.00	-2.43	39.92	7.82	38.78	34.95	43	181	Average	HORIZONTAL
2	10600.77	65.28	74.00	-8.72	53.61	7.82	38.78	34.93	43	181	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10600.00	52.93	54.00	-1.07	41.28	7.82	38.78	34.95	338	170	Average	VERTICAL
2	10600.77	66.52	74.00	-7.48	54.85	7.82	38.78	34.93	338	170	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10636.15	64.65	74.00	-9.35	52.98	7.81	38.77	34.91	61	163	Peak	HORIZONTAL
2	10637.82	51.93	54.00	-2.07	40.26	7.81	38.77	34.91	61	163	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.82	51.83	54.00	-2.17	40.16	7.81	38.77	34.91	338	168	Average	VERTICAL
2	10640.64	64.34	74.00	-9.66	52.67	7.81	38.77	34.91	338	168	Peak	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11001.28	66.94	74.00	-7.06	55.20	7.70	38.70	34.66	296	137	Peak	HORIZONTAL
2	11002.05	52.72	54.00	-1.28	40.98	7.70	38.70	34.66	296	137	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10997.50	51.26	54.00	-2.74	39.52	7.70	38.70	34.66	315	129	Average	VERTICAL
2	10997.56	64.02	74.00	-9.98	52.28	7.70	38.70	34.66	315	129	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11162.76	52.81	54.00	-1.19	41.18	7.58	38.70	34.65	297	145	Average	HORIZONTAL
2	11162.82	67.29	74.00	-6.71	55.66	7.58	38.70	34.65	297	145	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11160.13	51.71	54.00	-2.29	40.08	7.58	38.70	34.65	323	200	Average	VERTICAL
2	11160.64	66.37	74.00	-7.63	54.74	7.58	38.70	34.65	323	200	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11399.81	47.87	54.00	-6.13	36.40	7.40	38.70	34.63	60	144	Average	HORIZONTAL
2	11400.71	61.11	74.00	-12.89	49.64	7.40	38.70	34.63	60	144	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11396.35	57.77	74.00	-16.23	46.30	7.40	38.70	34.63	359	131	Peak	VERTICAL
2	11397.76	45.96	54.00	-8.04	34.49	7.40	38.70	34.63	359	131	Average	VERTICAL

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

### Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15773.08	55.98	74.00	-18.02	42.28	9.92	38.60	34.82	174	176	Peak	HORIZONTAL
2	15781.92	43.21	54.00	-10.79	29.49	9.93	38.63	34.84	174	176	Average	HORIZONTAL

### Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15784.10	43.27	54.00	-10.73	29.55	9.93	38.63	34.84	140	176	Average	VERTICAL
2	15799.55	56.09	74.00	-17.91	42.33	9.94	38.66	34.84	140	176	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10597.31	52.88	54.00	-1.12	41.23	7.82	38.78	34.95	63	164	Average	HORIZONTAL
2	10598.08	67.31	74.00	-6.69	55.66	7.82	38.78	34.95	63	164	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10598.08	67.97	74.00	-6.03	56.32	7.82	38.78	34.95	339	169	Peak	VERTICAL
2	10599.74	51.98	54.00	-2.02	40.33	7.82	38.78	34.95	339	169	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10634.10	63.06	74.00	-10.94	51.39	7.81	38.77	34.91	289	143	Peak	HORIZONTAL
2	10636.15	49.52	54.00	-4.48	37.85	7.81	38.77	34.91	289	143	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.82	64.15	74.00	-9.85	52.48	7.81	38.77	34.91	339	167	Peak	VERTICAL
2	10639.62	50.55	54.00	-3.45	38.88	7.81	38.77	34.91	339	167	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11002.50	66.91	74.00	-7.09	55.17	7.70	38.70	34.66	295	107	Peak	HORIZONTAL
2	11003.85	52.17	54.00	-1.83	40.43	7.70	38.70	34.66	295	107	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10994.07	50.67	54.00	-3.33	38.93	7.70	38.70	34.66	321	126	Average	VERTICAL
2	10994.33	64.55	74.00	-9.45	52.81	7.70	38.70	34.66	321	126	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11162.32	66.94	74.00	-7.06	55.31	7.58	38.70	34.65	298	145	Peak	HORIZONTAL
2	11163.45	52.76	54.00	-1.24	41.13	7.58	38.70	34.65	298	145	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11160.08	50.76	54.00	-3.24	39.13	7.58	38.70	34.65	324	237	Average	VERTICAL
2	11160.72	63.46	74.00	-10.54	51.83	7.58	38.70	34.65	324	237	Peak	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11399.20	44.45	54.00	-9.55	32.98	7.40	38.70	34.63	60	152	Average	HORIZONTAL
2	11399.84	57.28	74.00	-16.72	45.81	7.40	38.70	34.63	60	152	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11396.96	42.87	54.00	-11.13	31.40	7.40	38.70	34.63	360	169	Average	VERTICAL
2	11398.08	56.91	74.00	-17.09	45.44	7.40	38.70	34.63	360	169	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15795.98	43.07	54.00	-10.93	29.35	9.93	38.63	34.84	187	178	Average	HORIZONTAL
2	15831.31	55.65	74.00	-18.35	41.90	9.95	38.69	34.89	187	178	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15800.87	43.15	54.00	-10.85	29.39	9.94	38.66	34.84	144	157	Average	VERTICAL
2	15805.11	55.66	74.00	-18.34	41.93	9.94	38.66	34.87	144	157	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	10613.99	41.24	54.00	-12.76	29.58	7.81	38.78	34.93	303	166 Average	HORIZONTAL
2	10642.44	53.65	74.00	-20.35	41.98	7.81	38.77	34.91	303	166 Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	10611.35	41.08	54.00	-12.92	29.41	7.82	38.78	34.93	258	181 Average	VERTICAL
2	10636.27	53.78	74.00	-20.22	42.11	7.81	38.77	34.91	258	181 Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10611.11	40.79	54.00	-13.21	29.12	7.82	38.78	34.93	46	150	Average	HORIZONTAL
2	10614.71	53.19	74.00	-20.81	41.53	7.81	38.78	34.93	46	150	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10595.40	53.40	74.00	-20.60	41.75	7.82	38.78	34.95	104	150	Peak	VERTICAL
2	10634.50	40.64	54.00	-13.36	28.97	7.81	38.77	34.91	104	150	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11081.25	53.71	74.00	-20.29	42.02	7.64	38.70	34.65	153	150 Peak	HORIZONTAL
2	11093.43	40.47	54.00	-13.53	28.79	7.63	38.70	34.65	153	150 Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11102.72	40.35	54.00	-13.65	28.67	7.63	38.70	34.65	88	150 Average	VERTICAL
2	11114.50	52.96	74.00	-21.04	41.30	7.61	38.70	34.65	88	150 Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11351.94	53.20	74.00	-20.80	41.69	7.44	38.70	34.63	142	150 Peak	HORIZONTAL
2	11364.92	40.47	54.00	-13.53	28.97	7.43	38.70	34.63	142	150 Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11321.57	53.10	74.00	-20.90	41.56	7.47	38.70	34.63	195	150 Peak	VERTICAL
2	11358.19	40.28	54.00	-13.72	28.77	7.44	38.70	34.63	195	150 Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15867.04	56.10	74.00	-17.90	42.25	9.98	38.78	34.91	226	150	Peak	HORIZONTAL
2	15892.44	43.29	54.00	-10.71	29.42	9.99	38.81	34.93	226	150	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15888.11	56.83	74.00	-17.17	42.96	9.99	38.81	34.93	195	150	Peak	VERTICAL
2	15894.76	43.22	54.00	-10.78	29.35	9.99	38.81	34.93	195	150	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11047.58	53.12	74.00	-20.88	41.42	7.66	38.70	34.66	230	150	Peak	HORIZONTAL
2	11073.78	40.20	54.00	-13.80	28.51	7.64	38.70	34.65	230	150	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11070.18	40.29	54.00	-13.71	28.59	7.65	38.70	34.65	201	150	Average	VERTICAL
2	11083.00	53.25	74.00	-20.75	41.56	7.64	38.70	34.65	201	150	Peak	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11232.82	40.06	54.00	-13.94	28.47	7.53	38.70	34.64	238	150	Average	HORIZONTAL
2	11235.79	52.87	74.00	-21.13	41.28	7.53	38.70	34.64	238	150	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11202.77	40.15	54.00	-13.85	28.54	7.55	38.70	34.64	273	150	Average	VERTICAL
2	11220.64	53.22	74.00	-20.78	41.62	7.54	38.70	34.64	273	150	Peak	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11431.73	46.84	54.00	-7.16	35.39	7.38	38.70	34.63	291	179	Average	HORIZONTAL
2	11432.69	59.68	74.00	-14.32	48.23	7.38	38.70	34.63	291	179	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11436.28	47.93	54.00	-6.07	36.48	7.38	38.70	34.63	359	179	Average	VERTICAL
2	11436.41	60.28	74.00	-13.72	48.83	7.38	38.70	34.63	359	179	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11439.12	61.04	74.00	-12.96	49.59	7.38	38.70	34.63	60	146	Peak	HORIZONTAL
2	11439.20	48.06	54.00	-5.94	36.61	7.38	38.70	34.63	60	146	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11438.80	60.57	74.00	-13.43	49.12	7.38	38.70	34.63	60	149	Peak	VERTICAL
2	11439.68	47.80	54.00	-6.20	36.35	7.38	38.70	34.63	60	149	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11419.28	61.39	74.00	-12.61	49.93	7.39	38.70	34.63	61	148 Peak	HORIZONTAL
2	11419.68	49.34	54.00	-4.66	37.88	7.39	38.70	34.63	61	148 Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11416.15	46.81	54.00	-7.19	35.35	7.39	38.70	34.63	360	184 Average	VERTICAL
2	11416.47	59.89	74.00	-14.11	48.43	7.39	38.70	34.63	360	184 Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 30, 2015		
<b>Test Mode</b>	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11378.96	58.79	74.00	-15.21	47.30	7.42	38.70	34.63	62	150	Peak	HORIZONTAL
2	11379.84	46.35	54.00	-7.65	34.86	7.42	38.70	34.63	62	150	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11363.33	40.39	54.00	-13.61	28.89	7.43	38.70	34.63	79	156	Average	VERTICAL
2	11391.38	54.14	74.00	-19.86	42.65	7.42	38.70	34.63	79	156	Peak	VERTICAL

**Note:**

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.82	57.26	74.00	-16.74	43.87	10.80	37.91	35.32	Peak	161	102	HORIZONTAL
2	15780.04	44.13	54.00	-9.87	30.74	10.80	37.91	35.32	Average	161	102	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15780.02	44.09	54.00	-9.91	30.70	10.80	37.91	35.32	Average	154	123	VERTICAL
2	15780.80	56.56	74.00	-17.44	43.17	10.80	37.91	35.32	Peak	154	123	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.90	44.03	54.00	-9.97	31.77	8.64	38.58	34.96	Average	141	231	HORIZONTAL
2	10599.94	54.69	74.00	-19.31	42.43	8.64	38.58	34.96	Peak	141	231	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.31	42.46	54.00	-11.54	30.20	8.64	38.58	34.96	Average	141	166	VERTICAL
2	10600.44	55.37	74.00	-18.63	43.11	8.64	38.58	34.96	Peak	141	166	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10640.03	43.65	54.00	-10.35	31.36	8.66	38.57	34.94	Average	141	168	HORIZONTAL
2	10640.43	55.98	74.00	-18.02	43.69	8.66	38.57	34.94	Peak	141	168	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.75	41.25	54.00	-12.75	28.96	8.66	38.57	34.94	Average	146	348	VERTICAL
2	10639.89	54.29	74.00	-19.71	42.00	8.66	38.57	34.94	Peak	146	348	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.92	43.29	54.00	-10.71	30.65	8.93	38.50	34.79	Average	110	243	HORIZONTAL
2	11000.58	55.57	74.00	-18.43	42.93	8.93	38.50	34.79	Peak	110	243	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.24	54.61	74.00	-19.39	41.97	8.93	38.50	34.79	Peak	122	84	VERTICAL
2	10999.78	41.64	54.00	-12.36	29.00	8.93	38.50	34.79	Average	122	84	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.39	42.77	54.00	-11.23	29.82	9.04	38.70	34.79	Average	135	237	HORIZONTAL
2	11159.75	56.12	74.00	-17.88	43.17	9.04	38.70	34.79	Peak	135	237	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.17	54.89	74.00	-19.11	41.94	9.04	38.70	34.79	Peak	126	90	VERTICAL
2	11160.11	41.90	54.00	-12.10	28.95	9.04	38.70	34.79	Average	126	90	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.77	55.68	74.00	-18.32	42.31	9.19	38.98	34.80	Peak	149	44	HORIZONTAL
2	11401.00	42.64	54.00	-11.36	29.27	9.19	38.98	34.80	Average	149	44	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.73	41.04	54.00	-12.96	27.67	9.19	38.98	34.80	Average	152	91	VERTICAL
2	11400.46	55.11	74.00	-18.89	41.74	9.19	38.98	34.80	Peak	152	91	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.91	44.41	54.00	-9.59	31.02	10.80	37.91	35.32	Average	145	324	HORIZONTAL
2	15780.97	57.13	74.00	-16.87	43.74	10.80	37.91	35.32	Peak	145	324	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.85	44.31	54.00	-9.69	30.92	10.80	37.91	35.32	Average	140	126	VERTICAL
2	15779.86	56.92	74.00	-17.08	43.53	10.80	37.91	35.32	Peak	140	126	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.13	44.78	54.00	-9.22	32.52	8.64	38.58	34.96	Average	149	236	HORIZONTAL
2	10599.91	55.86	74.00	-18.14	43.60	8.64	38.58	34.96	Peak	149	236	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.36	41.71	54.00	-12.29	29.45	8.64	38.58	34.96	Average	149	189	VERTICAL
2	10600.65	54.10	74.00	-19.90	41.84	8.64	38.58	34.96	Peak	149	189	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.03	56.31	74.00	-17.69	44.02	8.66	38.57	34.94	Peak	153	236	HORIZONTAL
2	10639.73	44.64	54.00	-9.36	32.35	8.66	38.57	34.94	Average	153	236	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10640.23	42.23	54.00	-11.77	29.94	8.66	38.57	34.94	Average	156	112	VERTICAL
2	10640.85	53.41	74.00	-20.59	41.12	8.66	38.57	34.94	Peak	156	112	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.99	42.98	54.00	-11.02	30.34	8.93	38.50	34.79	Average	149	297	HORIZONTAL
2	11000.17	53.77	74.00	-20.23	41.13	8.93	38.50	34.79	Peak	149	297	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.19	40.88	54.00	-13.12	28.24	8.93	38.50	34.79	Average	153	252	VERTICAL
2	10999.57	53.83	74.00	-20.17	41.19	8.93	38.50	34.79	Peak	153	252	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11159.09	54.35	74.00	-19.65	41.40	9.04	38.70	34.79	164	187	HORIZONTAL
2	11159.32	42.03	54.00	-11.97	29.08	9.04	38.70	34.79	164	187	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11159.42	53.67	74.00	-20.33	40.72	9.04	38.70	34.79	146	178	VERTICAL
2	11159.87	41.43	54.00	-12.57	28.48	9.04	38.70	34.79	146	178	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.40	54.73	74.00	-19.27	41.36	9.19	38.98	34.80	Peak	150	110	HORIZONTAL
2	11400.78	42.88	54.00	-11.12	29.51	9.19	38.98	34.80	Average	150	110	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.69	54.64	74.00	-19.36	41.27	9.19	38.98	34.80	Peak	143	84	VERTICAL
2	11400.94	41.57	54.00	-12.43	28.20	9.19	38.98	34.80	Average	143	84	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.10	57.00	74.00	-17.00	43.66	10.80	37.87	35.33	Peak	143	155	HORIZONTAL
2	15810.03	44.17	54.00	-9.83	30.83	10.80	37.87	35.33	Average	143	155	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.28	57.12	74.00	-16.88	43.78	10.80	37.87	35.33	Peak	141	102	VERTICAL
2	15810.52	44.15	54.00	-9.85	30.81	10.80	37.87	35.33	Average	141	102	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.60	42.03	54.00	-11.97	29.75	8.65	38.58	34.95	Average	140	193	HORIZONTAL
2	10619.88	55.69	74.00	-18.31	43.41	8.65	38.58	34.95	Peak	140	193	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10620.20	40.90	54.00	-13.10	28.62	8.65	38.58	34.95	Average	144	234	VERTICAL
2	10620.41	53.30	74.00	-20.70	41.02	8.65	38.58	34.95	Peak	144	234	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.03	40.42	54.00	-13.58	27.75	8.94	38.52	34.79	Average	138	321	HORIZONTAL
2	11019.30	53.37	74.00	-20.63	40.70	8.94	38.52	34.79	Peak	138	321	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.48	53.31	74.00	-20.69	40.64	8.94	38.52	34.79	Peak	133	166	VERTICAL
2	11020.84	40.57	54.00	-13.43	27.90	8.94	38.52	34.79	Average	133	166	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.59	42.63	54.00	-11.37	29.81	8.99	38.62	34.79	Average	156	360	HORIZONTAL
2	11099.71	54.10	74.00	-19.90	41.28	8.99	38.62	34.79	Peak	156	360	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.43	55.23	74.00	-18.77	42.41	8.99	38.62	34.79	Peak	152	157	VERTICAL
2	11099.72	41.53	54.00	-12.47	28.71	8.99	38.62	34.79	Average	152	157	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.30	54.80	74.00	-19.20	41.56	9.14	38.90	34.80	Peak	142	156	HORIZONTAL
2	11340.94	41.46	54.00	-12.54	28.22	9.14	38.90	34.80	Average	142	156	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.58	54.31	74.00	-19.69	41.07	9.14	38.90	34.80	Peak	149	179	VERTICAL
2	11340.63	41.47	54.00	-12.53	28.23	9.14	38.90	34.80	Average	149	179	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15630.22	57.22	74.00	-16.78	43.58	10.78	38.11	35.25	Peak	148	174	HORIZONTAL
2	15630.82	44.71	54.00	-9.29	31.07	10.78	38.11	35.25	Average	148	174	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15629.50	44.66	54.00	-9.34	31.02	10.78	38.11	35.25	Average	156	164	VERTICAL
2	15630.38	57.61	74.00	-16.39	43.97	10.78	38.11	35.25	Peak	156	164	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.56	40.94	54.00	-13.06	28.18	8.97	38.58	34.79	Average	140	162	HORIZONTAL
2	11060.09	54.32	74.00	-19.68	41.56	8.97	38.58	34.79	Peak	140	162	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.24	53.52	74.00	-20.48	40.76	8.97	38.58	34.79	Peak	134	219	VERTICAL
2	11060.88	40.98	54.00	-13.02	28.22	8.97	38.58	34.79	Average	134	219	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11220.69	53.38	74.00	-20.62	40.34	9.07	38.76	34.79	Peak	147	126	HORIZONTAL
2	11220.94	41.85	54.00	-12.15	28.81	9.07	38.76	34.79	Average	147	126	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11219.58	53.64	74.00	-20.36	40.60	9.07	38.76	34.79	Peak	152	180	VERTICAL
2	11220.96	40.75	54.00	-13.25	27.71	9.07	38.76	34.79	Average	152	180	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11439.07	44.11	54.00	-9.89	30.68	9.21	39.02	34.80	Average	147	264	HORIZONTAL
2	11440.11	56.61	74.00	-17.39	43.18	9.21	39.02	34.80	Peak	147	264	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11439.74	56.26	74.00	-17.74	42.83	9.21	39.02	34.80	Peak	147	76	VERTICAL
2	11440.01	42.86	54.00	-11.14	29.43	9.21	39.02	34.80	Average	147	76	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11439.15	44.08	54.00	-9.92	30.65	9.21	39.02	34.80	Average	143	136	HORIZONTAL
2	11440.64	55.11	74.00	-18.89	41.68	9.21	39.02	34.80	Peak	143	136	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11439.19	54.92	74.00	-19.08	41.49	9.21	39.02	34.80	Peak	126	88	VERTICAL
2	11440.13	42.28	54.00	-11.72	28.85	9.21	39.02	34.80	Average	126	88	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11420.76	55.49	74.00	-18.51	42.09	9.20	39.00	34.80	Peak	141	158	HORIZONTAL
2	11420.89	44.94	54.00	-9.06	31.54	9.20	39.00	34.80	Average	141	158	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.04	42.30	54.00	-11.70	28.90	9.20	39.00	34.80	Average	144	130	VERTICAL
2	11420.28	55.22	74.00	-18.78	41.82	9.20	39.00	34.80	Peak	144	130	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 31, 2015		
<b>Test Mode</b>	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11380.71	41.43	54.00	-12.57	28.09	9.18	38.96	34.80	Average	160	226	HORIZONTAL
2	11380.73	54.06	74.00	-19.94	40.72	9.18	38.96	34.80	Peak	160	226	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11379.53	41.58	54.00	-12.42	28.24	9.18	38.96	34.80	Average	155	177	VERTICAL
2	11380.90	54.90	74.00	-19.10	41.56	9.18	38.96	34.80	Peak	155	177	VERTICAL

**Note:**

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	15775.06	45.59	54.00	-8.41	31.89	9.92	38.60	34.82	245	165 Average	HORIZONTAL
2	15777.24	57.79	74.00	-16.21	44.09	9.92	38.60	34.82	245	165 Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	15778.04	45.61	54.00	-8.39	31.93	9.92	38.60	34.84	301	143 Average	VERTICAL
2	15784.84	58.11	74.00	-15.89	44.39	9.93	38.63	34.84	301	143 Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10592.76	59.06	74.00	-14.94	47.41	7.82	38.78	34.95	17	163	Peak	HORIZONTAL
2	10593.84	46.41	54.00	-7.59	34.76	7.82	38.78	34.95	17	163	Average	HORIZONTAL
3	15895.28	58.10	74.00	-15.90	44.23	9.99	38.81	34.93	234	107	Peak	HORIZONTAL
4	15907.48	46.44	54.00	-7.56	32.55	10.00	38.84	34.95	234	107	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10597.72	44.65	54.00	-9.35	33.00	7.82	38.78	34.95	28	142	Average	VERTICAL
2	10598.76	55.83	74.00	-18.17	44.18	7.82	38.78	34.95	28	142	Peak	VERTICAL
3	15900.24	58.31	74.00	-15.69	44.44	9.99	38.81	34.93	329	150	Peak	VERTICAL
4	15909.36	46.28	54.00	-7.72	32.39	10.00	38.84	34.95	329	150	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10633.92	55.44	74.00	-18.56	43.77	7.81	38.77	34.91	12	167	Peak	HORIZONTAL
2	10637.84	43.38	54.00	-10.62	31.71	7.81	38.77	34.91	12	167	Average	HORIZONTAL
3	15937.26	45.84	54.00	-8.16	31.88	10.03	38.91	34.98	265	170	Average	HORIZONTAL
4	15940.24	60.43	74.00	-13.57	46.47	10.03	38.91	34.98	265	170	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.72	43.12	54.00	-10.88	31.45	7.81	38.77	34.91	348	142	Average	VERTICAL
2	10643.68	54.93	74.00	-19.07	43.26	7.81	38.77	34.91	348	142	Peak	VERTICAL
3	15936.14	46.13	54.00	-7.87	32.17	10.03	38.91	34.98	246	164	Average	VERTICAL
4	15939.18	58.04	74.00	-15.96	44.08	10.03	38.91	34.98	246	164	Peak	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11005.80	53.03	74.00	-20.97	41.30	7.69	38.70	34.66	298	197	Peak	HORIZONTAL
2	11005.88	42.16	54.00	-11.84	30.43	7.69	38.70	34.66	298	197	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11001.84	44.19	54.00	-9.81	32.45	7.70	38.70	34.66	343	168	Average	VERTICAL
2	11002.32	56.30	74.00	-17.70	44.56	7.70	38.70	34.66	343	168	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11153.60	46.88	54.00	-7.12	35.24	7.59	38.70	34.65	310	176	Average	HORIZONTAL
2	11154.60	59.85	74.00	-14.15	48.21	7.59	38.70	34.65	310	176	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11164.80	62.18	74.00	-11.82	50.55	7.58	38.70	34.65	341	168	Peak	VERTICAL
2	11166.00	49.77	54.00	-4.23	38.14	7.58	38.70	34.65	341	168	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11397.90	41.46	54.00	-12.54	29.99	7.40	38.70	34.63	304	157	Average	HORIZONTAL
2	11423.40	52.70	74.00	-21.30	41.24	7.39	38.70	34.63	304	157	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11405.70	40.78	54.00	-13.22	29.31	7.40	38.70	34.63	93	215	Average	VERTICAL
2	11412.90	51.93	74.00	-22.07	40.47	7.39	38.70	34.63	93	215	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15735.04	58.09	74.00	-15.91	44.47	9.89	38.53	34.80	198	169	Peak	HORIZONTAL
2	15740.06	45.39	54.00	-8.61	31.77	9.89	38.53	34.80	198	169	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15738.96	57.95	74.00	-16.05	44.33	9.89	38.53	34.80	137	144	Peak	VERTICAL
2	15739.28	45.25	54.00	-8.75	31.63	9.89	38.53	34.80	137	144	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10602.68	56.88	74.00	-17.12	45.21	7.82	38.78	34.93	341	167	Peak	HORIZONTAL
2	10603.84	44.46	54.00	-9.54	32.79	7.82	38.78	34.93	341	167	Average	HORIZONTAL
3	15896.08	46.33	54.00	-7.67	32.46	9.99	38.81	34.93	202	145	Average	HORIZONTAL
4	15903.76	59.38	74.00	-14.62	45.47	10.00	38.84	34.93	202	145	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10600.60	56.57	74.00	-17.43	44.92	7.82	38.78	34.95	324	191	Peak	VERTICAL
2	10602.04	42.06	54.00	-11.94	30.39	7.82	38.78	34.93	324	191	Average	VERTICAL
3	15902.92	46.19	54.00	-7.81	32.28	10.00	38.84	34.93	288	150	Average	VERTICAL
4	15903.00	59.02	74.00	-14.98	45.11	10.00	38.84	34.93	288	150	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10638.08	43.26	54.00	-10.74	31.59	7.81	38.77	34.91	11	181	Average	HORIZONTAL
2	10641.12	54.95	74.00	-19.05	43.28	7.81	38.77	34.91	11	181	Peak	HORIZONTAL
3	15958.24	46.06	54.00	-7.94	32.08	10.04	38.94	35.00	312	189	Average	HORIZONTAL
4	15968.68	59.05	74.00	-14.95	45.03	10.05	38.97	35.00	312	189	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.64	53.41	74.00	-20.59	41.74	7.81	38.77	34.91	160	230	Peak	VERTICAL
2	10649.64	41.19	54.00	-12.81	29.53	7.80	38.77	34.91	160	230	Average	VERTICAL
3	15964.88	58.55	74.00	-15.45	44.57	10.04	38.94	35.00	262	101	Peak	VERTICAL
4	15967.80	46.07	54.00	-7.93	32.09	10.04	38.94	35.00	262	101	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10990.56	43.03	54.00	-10.97	31.29	7.70	38.70	34.66	164	165	Average	HORIZONTAL
2	10991.60	54.21	74.00	-19.79	42.47	7.70	38.70	34.66	164	165	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11000.20	42.01	54.00	-11.99	30.27	7.70	38.70	34.66	269	207	Average	VERTICAL
2	11008.84	54.22	74.00	-19.78	42.49	7.69	38.70	34.66	269	207	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11153.96	60.66	74.00	-13.34	49.02	7.59	38.70	34.65	309	144	Peak	HORIZONTAL
2	11154.60	46.96	54.00	-7.04	35.32	7.59	38.70	34.65	309	144	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11164.88	61.48	74.00	-12.52	49.85	7.58	38.70	34.65	342	178	Peak	VERTICAL
2	11166.08	48.89	54.00	-5.11	37.26	7.58	38.70	34.65	342	178	Average	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11391.64	39.93	54.00	-14.07	28.44	7.42	38.70	34.63	173	182	Average	HORIZONTAL
2	11409.88	52.96	74.00	-21.04	41.49	7.40	38.70	34.63	173	182	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11390.24	52.79	74.00	-21.21	41.30	7.42	38.70	34.63	125	164	Peak	VERTICAL
2	11410.00	40.09	54.00	-13.91	28.62	7.40	38.70	34.63	125	164	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15806.48	57.97	74.00	-16.03	44.24	9.94	38.66	34.87	242	125	Peak	HORIZONTAL
2	15816.32	45.90	54.00	-8.10	32.13	9.95	38.69	34.87	242	125	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15816.12	58.76	74.00	-15.24	44.99	9.95	38.69	34.87	340	214	Peak	VERTICAL
2	15818.68	45.63	54.00	-8.37	31.86	9.95	38.69	34.87	340	214	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10617.16	41.11	54.00	-12.89	29.45	7.81	38.78	34.93	97	126	Average	HORIZONTAL
2	10622.00	54.41	74.00	-19.59	42.75	7.81	38.78	34.93	97	126	Peak	HORIZONTAL
3	15922.20	45.90	54.00	-8.10	31.95	10.02	38.88	34.95	157	180	Average	HORIZONTAL
4	15934.52	58.45	74.00	-15.55	44.49	10.03	38.91	34.98	157	180	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10618.80	54.03	74.00	-19.97	42.37	7.81	38.78	34.93	157	182	Peak	VERTICAL
2	10619.80	41.22	54.00	-12.78	29.56	7.81	38.78	34.93	157	182	Average	VERTICAL
3	15926.20	45.95	54.00	-8.05	32.00	10.02	38.88	34.95	241	191	Average	VERTICAL
4	15934.92	58.53	74.00	-15.47	44.57	10.03	38.91	34.98	241	191	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11012.76	52.71	74.00	-21.29	40.98	7.69	38.70	34.66	65	148	Peak	HORIZONTAL
2	11012.96	40.07	54.00	-13.93	28.34	7.69	38.70	34.66	65	148	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11011.60	39.92	54.00	-14.08	28.19	7.69	38.70	34.66	192	167	Average	VERTICAL
2	11026.28	52.66	74.00	-21.34	40.94	7.68	38.70	34.66	192	167	Peak	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015 ~ Oct. 23, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11107.40	40.97	54.00	-13.03	29.31	7.61	38.70	34.65	180	147	Average	HORIZONTAL
2	11109.12	53.61	74.00	-20.39	41.95	7.61	38.70	34.65	180	147	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11102.36	53.56	74.00	-20.44	41.88	7.63	38.70	34.65	106	179	Peak	VERTICAL
2	11103.60	40.86	54.00	-13.14	29.18	7.63	38.70	34.65	106	179	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 23, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11344.24	40.23	54.00	-13.77	28.71	7.45	38.70	34.63	90	154	Average	HORIZONTAL
2	11347.92	53.16	74.00	-20.84	41.65	7.44	38.70	34.63	90	154	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11332.44	52.83	74.00	-21.17	41.31	7.45	38.70	34.63	234	181	Peak	VERTICAL
2	11332.48	40.37	54.00	-13.63	28.85	7.45	38.70	34.63	234	181	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 27, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.96	58.08	74.00	-15.92	44.85	10.81	37.77	35.35	Peak	158	266	HORIZONTAL
2	15870.03	46.38	54.00	-7.62	33.15	10.81	37.77	35.35	Average	158	266	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.96	59.86	74.00	-14.14	46.63	10.81	37.77	35.35	Peak	143	164	VERTICAL
2	15870.04	46.34	54.00	-7.66	33.11	10.81	37.77	35.35	Average	143	164	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 27, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.96	55.04	74.00	-18.96	42.28	8.97	38.58	34.79	Peak	139	195	HORIZONTAL
2	11060.03	42.31	54.00	-11.69	29.55	8.97	38.58	34.79	Average	139	195	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11060.00	42.23	54.00	-11.77	29.47	8.97	38.58	34.79	Average	181	306	VERTICAL
2	11060.05	54.29	74.00	-19.71	41.53	8.97	38.58	34.79	Peak	181	306	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11216.88	41.91	54.00	-12.09	30.31	7.54	38.70	34.64	322	172	Average	HORIZONTAL
2	11220.10	53.52	74.00	-20.48	41.92	7.54	38.70	34.64	322	172	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11215.26	41.00	54.00	-13.00	29.40	7.54	38.70	34.64	257	199	Average	VERTICAL
2	11220.92	53.58	74.00	-20.42	41.98	7.54	38.70	34.64	257	199	Peak	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11440.20	47.52	54.00	-6.48	36.07	7.38	38.70	34.63	13	222	Average	HORIZONTAL
2	11441.70	59.51	74.00	-14.49	48.06	7.38	38.70	34.63	13	222	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11437.90	58.79	74.00	-15.21	47.34	7.38	38.70	34.63	325	227	Peak	VERTICAL
2	11439.90	47.74	54.00	-6.26	36.29	7.38	38.70	34.63	325	227	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11439.88	46.70	54.00	-7.30	35.25	7.38	38.70	34.63	11	238	Average	HORIZONTAL
2	11440.04	58.73	74.00	-15.27	47.28	7.38	38.70	34.63	11	238	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11438.04	60.89	74.00	-13.11	49.44	7.38	38.70	34.63	327	227	Peak	VERTICAL
2	11438.48	46.97	54.00	-7.03	35.52	7.38	38.70	34.63	327	227	Average	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11420.08	46.77	54.00	-7.23	35.31	7.39	38.70	34.63	350	228	Average	HORIZONTAL
2	11421.04	57.31	74.00	-16.69	45.85	7.39	38.70	34.63	350	228	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11419.92	58.55	74.00	-15.45	47.09	7.39	38.70	34.63	326	235	Peak	VERTICAL
2	11419.92	47.38	54.00	-6.62	35.92	7.39	38.70	34.63	326	235	Average	VERTICAL

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 22, 2015		
<b>Test Mode</b>	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

### Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11378.00	54.38	74.00	-19.62	42.88	7.43	38.70	34.63	300	160 Peak	HORIZONTAL
2	11378.86	42.21	54.00	-11.79	30.72	7.42	38.70	34.63	300	160 Average	HORIZONTAL
3	17069.56	62.47	74.00	-11.53	43.46	10.94	41.91	33.84	210	132 Peak	HORIZONTAL
4	17075.52	50.69	54.00	-3.31	31.66	10.94	41.93	33.84	210	132 Average	HORIZONTAL

### Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	deg	cm		
1	11379.92	41.16	54.00	-12.84	29.67	7.42	38.70	34.63	59	214 Average	VERTICAL
2	11383.68	52.97	74.00	-21.03	41.48	7.42	38.70	34.63	59	214 Peak	VERTICAL
3	17061.52	63.42	74.00	-10.58	44.41	10.94	41.91	33.84	281	154 Peak	VERTICAL
4	17068.64	50.83	54.00	-3.17	31.82	10.94	41.91	33.84	281	154 Average	VERTICAL

### Note:

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15775.85	44.37	54.00	-9.63	30.97	10.80	37.91	35.31	Average	150	307	HORIZONTAL
2	15783.88	56.61	74.00	-17.39	43.24	10.80	37.89	35.32	Peak	150	307	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15778.86	57.60	74.00	-16.40	44.21	10.80	37.91	35.32	Peak	153	235	VERTICAL
2	15781.53	44.34	54.00	-9.66	30.97	10.80	37.89	35.32	Average	153	235	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.23	42.60	54.00	-11.40	30.33	8.64	38.58	34.95	Average	151	105	HORIZONTAL
2	10613.31	54.42	74.00	-19.58	42.15	8.64	38.58	34.95	Peak	151	105	HORIZONTAL
3	15899.80	58.32	74.00	-15.68	45.13	10.81	37.74	35.36	Peak	160	166	HORIZONTAL
4	15901.11	44.79	54.00	-9.21	31.62	10.81	37.72	35.36	Average	160	166	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10597.76	61.28	74.00	-12.72	49.02	8.64	38.58	34.96	Peak	179	162	VERTICAL
2	10598.12	48.68	54.00	-5.32	36.42	8.64	38.58	34.96	Average	179	162	VERTICAL
3	15902.95	57.39	74.00	-16.61	44.22	10.81	37.72	35.36	Peak	151	96	VERTICAL
4	15996.97	44.94	54.00	-9.06	31.93	10.82	37.60	35.41	Average	151	96	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.01	55.36	74.00	-18.64	43.07	8.66	38.57	34.94	Peak	219	225	HORIZONTAL
2	10645.79	42.87	54.00	-11.13	30.58	8.66	38.57	34.94	Average	219	225	HORIZONTAL
3	15955.02	56.59	74.00	-17.41	43.51	10.82	37.65	35.39	Peak	140	144	HORIZONTAL
4	15958.38	43.88	54.00	-10.12	30.81	10.82	37.65	35.40	Average	140	144	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.53	61.09	74.00	-12.91	48.80	8.66	38.57	34.94	Peak	178	130	VERTICAL
2	10637.90	48.65	54.00	-5.35	36.36	8.66	38.57	34.94	Average	178	130	VERTICAL
3	15960.29	56.55	74.00	-17.45	43.48	10.82	37.65	35.40	Peak	186	208	VERTICAL
4	15961.53	43.97	54.00	-10.03	30.90	10.82	37.65	35.40	Average	186	208	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11000.22	54.72	74.00	-19.28	42.08	8.93	38.50	34.79	Peak	173	246	HORIZONTAL
2	11002.53	43.12	54.00	-10.88	30.48	8.93	38.50	34.79	Average	173	246	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11000.29	50.19	54.00	-3.81	37.55	8.93	38.50	34.79	Average	179	234	VERTICAL
2	11000.51	63.63	74.00	-10.37	50.99	8.93	38.50	34.79	Peak	179	234	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11164.85	56.74	74.00	-17.26	43.79	9.04	38.70	34.79	202	104	HORIZONTAL
2	11165.86	43.92	54.00	-10.08	30.97	9.04	38.70	34.79	202	104	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11159.71	49.17	54.00	-4.83	36.22	9.04	38.70	34.79	200	289	VERTICAL
2	11164.28	61.58	74.00	-12.42	48.63	9.04	38.70	34.79	200	289	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11397.83	42.87	54.00	-11.13	29.50	9.19	38.98	34.80	Average	131	152	HORIZONTAL
2	11399.98	55.00	74.00	-19.00	41.63	9.19	38.98	34.80	Peak	131	152	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.22	47.86	54.00	-6.14	34.49	9.19	38.98	34.80	Average	196	229	VERTICAL
2	11400.72	60.08	74.00	-13.92	46.71	9.19	38.98	34.80	Peak	196	229	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15779.97	56.60	74.00	-17.40	43.21	10.80	37.91	35.32	Peak	150	281	HORIZONTAL
2	15780.38	43.39	54.00	-10.61	30.00	10.80	37.91	35.32	Average	150	281	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15779.57	43.86	54.00	-10.14	30.47	10.80	37.91	35.32	Average	172	175	VERTICAL
2	15779.89	57.43	74.00	-16.57	44.04	10.80	37.91	35.32	Peak	172	175	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10602.53	54.76	74.00	-19.24	42.49	8.64	38.58	34.95	Peak	197	119	HORIZONTAL
2	10602.89	42.03	54.00	-11.97	29.76	8.64	38.58	34.95	Average	197	119	HORIZONTAL
3	15900.04	57.73	74.00	-16.27	44.54	10.81	37.74	35.36	Peak	168	137	HORIZONTAL
4	15900.19	43.90	54.00	-10.10	30.71	10.81	37.74	35.36	Average	168	137	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.25	48.88	54.00	-5.12	36.62	8.64	38.58	34.96	Average	188	130	VERTICAL
2	10600.60	61.83	74.00	-12.17	49.57	8.64	38.58	34.96	Peak	188	130	VERTICAL
3	15899.59	57.12	74.00	-16.88	43.93	10.81	37.74	35.36	Peak	150	235	VERTICAL
4	15899.93	43.60	54.00	-10.40	30.41	10.81	37.74	35.36	Average	150	235	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10639.57	53.63	74.00	-20.37	41.34	8.66	38.57	34.94	Peak	150	215 HORIZONTAL
2	10640.09	40.69	54.00	-13.31	28.40	8.66	38.57	34.94	Average	150	215 HORIZONTAL
3	15960.15	43.20	54.00	-10.80	30.13	10.82	37.65	35.40	Average	150	184 HORIZONTAL
4	15960.16	56.52	74.00	-17.48	43.45	10.82	37.65	35.40	Peak	150	184 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10637.96	62.45	74.00	-11.55	50.16	8.66	38.57	34.94	Peak	180	129 VERTICAL
2	10639.09	48.36	54.00	-5.64	36.07	8.66	38.57	34.94	Average	180	129 VERTICAL
3	15959.53	42.76	54.00	-11.24	29.69	10.82	37.65	35.40	Average	150	195 VERTICAL
4	15959.69	56.48	74.00	-17.52	43.41	10.82	37.65	35.40	Peak	150	195 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.78	56.13	74.00	-17.87	43.49	8.93	38.50	34.79	Peak	217	134	HORIZONTAL
2	11002.75	43.40	54.00	-10.60	30.76	8.93	38.50	34.79	Average	217	134	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.57	48.04	54.00	-5.96	35.40	8.93	38.50	34.79	Average	167	235	VERTICAL
2	11000.80	61.89	74.00	-12.11	49.25	8.93	38.50	34.79	Peak	167	235	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11164.12	42.54	54.00	-11.46	29.59	9.04	38.70	34.79	Average	171	220	HORIZONTAL
2	11165.21	54.84	74.00	-19.16	41.89	9.04	38.70	34.79	Peak	171	220	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11153.71	63.07	74.00	-10.93	50.15	9.03	38.68	34.79	Peak	181	84	VERTICAL
2	11153.85	49.59	54.00	-4.41	36.67	9.03	38.68	34.79	Average	181	84	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.93	41.97	54.00	-12.03	28.60	9.19	38.98	34.80	Average	157	230	HORIZONTAL
2	11400.37	54.98	74.00	-19.02	41.61	9.19	38.98	34.80	Peak	157	230	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11402.97	44.56	54.00	-9.44	31.19	9.19	38.98	34.80	Average	185	141	VERTICAL
2	11402.97	57.89	74.00	-16.11	44.52	9.19	38.98	34.80	Peak	185	141	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.90	43.38	54.00	-10.62	30.04	10.80	37.87	35.33	Average	150	234	HORIZONTAL
2	15810.33	56.61	74.00	-17.39	43.27	10.80	37.87	35.33	Peak	150	234	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.54	56.93	74.00	-17.07	43.59	10.80	37.87	35.33	Peak	150	102	VERTICAL
2	15809.75	42.88	54.00	-11.12	29.54	10.80	37.87	35.33	Average	150	102	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10619.73	40.47	54.00	-13.53	28.19	8.65	38.58	34.95	Average	150	79 HORIZONTAL
2	10619.78	53.54	74.00	-20.46	41.26	8.65	38.58	34.95	Peak	150	79 HORIZONTAL
3	15929.68	42.53	54.00	-11.47	29.40	10.81	37.70	35.38	Average	150	194 HORIZONTAL
4	15930.43	56.12	74.00	-17.88	43.00	10.81	37.70	35.39	Peak	150	194 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10620.33	54.02	74.00	-19.98	41.74	8.65	38.58	34.95	Peak	150	180 VERTICAL
2	10620.48	40.97	54.00	-13.03	28.69	8.65	38.58	34.95	Average	150	180 VERTICAL
3	15929.52	43.03	54.00	-10.97	29.90	10.81	37.70	35.38	Average	150	271 VERTICAL
4	15929.88	56.72	74.00	-17.28	43.59	10.81	37.70	35.38	Peak	150	271 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.60	54.28	74.00	-19.72	41.61	8.94	38.52	34.79	Peak	150	141	HORIZONTAL
2	11019.97	40.90	54.00	-13.10	28.23	8.94	38.52	34.79	Average	150	141	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.78	46.29	54.00	-7.71	33.62	8.94	38.52	34.79	Average	173	234	VERTICAL
2	11019.86	58.86	74.00	-15.14	46.19	8.94	38.52	34.79	Peak	173	234	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.96	41.16	54.00	-12.84	28.34	8.99	38.62	34.79	Average	150	265	HORIZONTAL
2	11100.22	54.85	74.00	-19.15	42.03	8.99	38.62	34.79	Peak	150	265	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11104.49	46.74	54.00	-7.26	33.92	8.99	38.62	34.79	Average	190	96	VERTICAL
2	11105.14	58.50	74.00	-15.50	45.68	8.99	38.62	34.79	Peak	190	96	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.66	41.44	54.00	-12.56	28.20	9.14	38.90	34.80	Average	150	151	HORIZONTAL
2	11340.35	54.92	74.00	-19.08	41.68	9.14	38.90	34.80	Peak	150	151	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11337.54	56.75	74.00	-17.25	43.51	9.14	38.90	34.80	Peak	180	227	VERTICAL
2	11340.07	44.70	54.00	-9.30	31.46	9.14	38.90	34.80	Average	180	227	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.66	57.91	74.00	-16.09	44.68	10.81	37.77	35.35	Peak	150	217	HORIZONTAL
2	15870.21	43.65	54.00	-10.35	30.42	10.81	37.77	35.35	Average	150	217	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.53	56.76	74.00	-17.24	43.53	10.81	37.77	35.35	Peak	164	82	VERTICAL
2	15869.59	43.33	54.00	-10.67	30.10	10.81	37.77	35.35	Average	164	82	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.93	54.37	74.00	-19.63	41.61	8.97	38.58	34.79	Peak	150	235	HORIZONTAL
2	11060.48	41.08	54.00	-12.92	28.32	8.97	38.58	34.79	Average	150	235	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.89	54.56	74.00	-19.44	41.80	8.97	38.58	34.79	Peak	150	78	VERTICAL
2	11060.13	40.38	54.00	-13.62	27.62	8.97	38.58	34.79	Average	150	78	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11219.56	54.10	74.00	-19.90	41.06	9.07	38.76	34.79	Peak	150	250	HORIZONTAL
2	11219.86	41.08	54.00	-12.92	28.04	9.07	38.76	34.79	Average	150	250	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11219.89	42.46	54.00	-11.54	29.42	9.07	38.76	34.79	Average	177	128	VERTICAL
2	11220.05	55.91	74.00	-18.09	42.87	9.07	38.76	34.79	Peak	177	128	VERTICAL

**Note:**

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

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

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



**Straddle Channel**

<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.29	46.70	54.00	-7.30	33.27	9.21	39.02	34.80	Average	205	137	HORIZONTAL
2	11441.38	60.61	74.00	-13.39	47.18	9.21	39.02	34.80	Peak	205	137	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.14	52.75	54.00	-1.25	39.32	9.21	39.02	34.80	Average	240	211	VERTICAL
2	11440.58	65.81	74.00	-8.19	52.38	9.21	39.02	34.80	Peak	240	211	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11440.36	46.52	54.00	-7.48	33.09	9.21	39.02	34.80	Average	204	138	HORIZONTAL
2	11440.43	60.26	74.00	-13.74	46.83	9.21	39.02	34.80	Peak	204	138	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11442.61	65.19	74.00	-8.81	51.76	9.21	39.02	34.80	Peak	189	117	VERTICAL
2	11443.33	52.17	54.00	-1.83	38.74	9.21	39.02	34.80	Average	189	117	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11420.00	46.00	54.00	-8.00	32.60	9.20	39.00	34.80	Average	202	139	HORIZONTAL
2	11420.00	57.29	74.00	-16.71	43.89	9.20	39.00	34.80	Peak	202	139	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11403.36	64.41	74.00	-9.59	51.04	9.19	38.98	34.80	Peak	182	117	VERTICAL
2	11423.83	51.80	54.00	-2.20	38.40	9.20	39.00	34.80	Average	182	117	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 24, 2015		
<b>Test Mode</b>	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11379.58	54.92	74.00	-19.08	41.58	9.18	38.96	34.80	150	161	HORIZONTAL
2	11379.63	42.01	54.00	-11.99	28.67	9.18	38.96	34.80	150	161	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11380.80	46.62	54.00	-7.38	33.28	9.18	38.96	34.80	173	119	VERTICAL
2	11401.06	60.54	74.00	-13.46	47.17	9.19	38.98	34.80	173	119	VERTICAL

**Note:**

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

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

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



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15779.17	43.78	54.00	-10.22	30.39	10.80	37.91	35.32	Average	178	94 HORIZONTAL
2	15781.51	56.00	74.00	-18.00	42.63	10.80	37.89	35.32	Peak	178	94 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15778.02	43.71	54.00	-10.29	30.32	10.80	37.91	35.32	Average	184	315 VERTICAL
2	15781.63	57.26	74.00	-16.74	43.89	10.80	37.89	35.32	Peak	184	315 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.64	63.88	74.00	-10.12	51.62	8.64	38.58	34.96	Peak	223	309	HORIZONTAL
2	10600.96	49.25	54.00	-4.75	36.98	8.64	38.58	34.95	Average	223	309	HORIZONTAL
3	15899.15	44.04	54.00	-9.96	30.85	10.81	37.74	35.36	Average	189	337	HORIZONTAL
4	15900.09	56.49	74.00	-17.51	43.30	10.81	37.74	35.36	Peak	189	337	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.66	59.78	74.00	-14.22	47.52	8.64	38.58	34.96	Peak	230	330	VERTICAL
2	10601.65	46.19	54.00	-7.81	33.92	8.64	38.58	34.95	Average	230	330	VERTICAL
3	15898.75	56.62	74.00	-17.38	43.43	10.81	37.74	35.36	Peak	182	291	VERTICAL
4	15899.25	43.91	54.00	-10.09	30.72	10.81	37.74	35.36	Average	182	291	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10633.26	57.51	74.00	-16.49	45.22	8.66	38.57	34.94	Peak	156	284	HORIZONTAL
2	10633.83	44.16	54.00	-9.84	31.87	8.66	38.57	34.94	Average	156	284	HORIZONTAL
3	15724.83	55.50	74.00	-18.50	42.00	10.79	37.99	35.28	Peak	277	318	HORIZONTAL
4	15728.31	42.55	54.00	-11.45	29.06	10.79	37.99	35.29	Average	277	318	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10481.91	39.95	54.00	-14.05	27.78	8.56	38.62	35.01	Average	211	143	VERTICAL
2	10482.95	52.29	74.00	-21.71	40.12	8.56	38.62	35.01	Peak	211	143	VERTICAL
3	15720.46	54.72	74.00	-19.28	41.22	10.79	37.99	35.28	Peak	164	270	VERTICAL
4	15722.84	42.50	54.00	-11.50	29.00	10.79	37.99	35.28	Average	164	270	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	10996.27	56.62	74.00	-17.38	43.98	8.93	38.50	34.79	158	283	HORIZONTAL
2	10997.51	43.74	54.00	-10.26	31.10	8.93	38.50	34.79	158	283	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11002.52	52.54	74.00	-21.46	39.90	8.93	38.50	34.79	197	78	VERTICAL
2	11007.06	39.99	54.00	-14.01	27.32	8.94	38.52	34.79	197	78	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11161.98	62.65	74.00	-11.35	49.70	9.04	38.70	34.79	239	277	HORIZONTAL
2	11162.03	48.11	54.00	-5.89	35.16	9.04	38.70	34.79	239	277	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11157.50	59.24	74.00	-14.76	46.29	9.04	38.70	34.79	237	319	VERTICAL
2	11157.60	46.04	54.00	-7.96	33.09	9.04	38.70	34.79	237	319	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11402.03	56.80	74.00	-17.20	43.43	9.19	38.98	34.80	Peak	234	339 HORIZONTAL
2	11402.37	43.77	54.00	-10.23	30.40	9.19	38.98	34.80	Average	234	339 HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11400.75	54.95	74.00	-19.05	41.58	9.19	38.98	34.80	Peak	225	317 VERTICAL
2	11401.91	42.70	54.00	-11.30	29.33	9.19	38.98	34.80	Average	225	317 VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15778.81	43.66	54.00	-10.34	30.27	10.80	37.91	35.32	Average	164	102	HORIZONTAL
2	15780.02	56.78	74.00	-17.22	43.39	10.80	37.91	35.32	Peak	164	102	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15778.30	56.60	74.00	-17.40	43.21	10.80	37.91	35.32	Peak	185	314	VERTICAL
2	15780.25	43.45	54.00	-10.55	30.06	10.80	37.91	35.32	Average	185	314	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.10	62.84	74.00	-11.16	50.58	8.64	38.58	34.96	Peak	225	307	HORIZONTAL
2	10599.46	47.91	54.00	-6.09	35.65	8.64	38.58	34.96	Average	225	307	HORIZONTAL
3	15898.26	43.71	54.00	-10.29	30.52	10.81	37.74	35.36	Average	186	114	HORIZONTAL
4	15900.38	57.50	74.00	-16.50	44.31	10.81	37.74	35.36	Peak	186	114	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.16	45.09	54.00	-8.91	32.83	8.64	38.58	34.96	Average	220	330	VERTICAL
2	10600.42	58.16	74.00	-15.84	45.90	8.64	38.58	34.96	Peak	220	330	VERTICAL
3	15899.28	56.14	74.00	-17.86	42.95	10.81	37.74	35.36	Peak	186	322	VERTICAL
4	15901.24	43.78	54.00	-10.22	30.61	10.81	37.72	35.36	Average	186	322	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10638.46	57.25	74.00	-16.75	44.96	8.66	38.57	34.94	Peak	222	278	HORIZONTAL
2	10638.67	43.76	54.00	-10.24	31.47	8.66	38.57	34.94	Average	222	278	HORIZONTAL
3	15959.89	56.09	74.00	-17.91	43.02	10.82	37.65	35.40	Peak	170	96	HORIZONTAL
4	15961.62	43.08	54.00	-10.92	30.01	10.82	37.65	35.40	Average	170	96	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10637.54	42.27	54.00	-11.73	29.98	8.66	38.57	34.94	Average	226	343	VERTICAL
2	10638.47	54.61	74.00	-19.39	42.32	8.66	38.57	34.94	Peak	226	343	VERTICAL
3	15958.23	43.12	54.00	-10.88	30.05	10.82	37.65	35.40	Average	176	307	VERTICAL
4	15958.73	56.91	74.00	-17.09	43.84	10.82	37.65	35.40	Peak	176	307	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.31	59.52	74.00	-14.48	46.88	8.93	38.50	34.79	Peak	218	310	HORIZONTAL
2	10998.73	44.64	54.00	-9.36	32.00	8.93	38.50	34.79	Average	218	310	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10997.58	41.80	54.00	-12.20	29.16	8.93	38.50	34.79	Average	222	347	VERTICAL
2	10997.60	54.99	74.00	-19.01	42.35	8.93	38.50	34.79	Peak	222	347	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11157.51	61.63	74.00	-12.37	48.68	9.04	38.70	34.79	211	288	HORIZONTAL
2	11158.22	48.16	54.00	-5.84	35.21	9.04	38.70	34.79	211	288	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11161.64	57.77	74.00	-16.23	44.82	9.04	38.70	34.79	199	334	VERTICAL
2	11162.42	44.04	54.00	-9.96	31.09	9.04	38.70	34.79	199	334	VERTICAL





<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11398.21	57.35	74.00	-16.65	43.98	9.19	38.98	34.80	227	308	HORIZONTAL
2	11398.52	43.56	54.00	-10.44	30.19	9.19	38.98	34.80	227	308	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11401.69	41.99	54.00	-12.01	28.62	9.19	38.98	34.80	220	314	VERTICAL
2	11401.92	54.42	74.00	-19.58	41.05	9.19	38.98	34.80	220	314	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	15807.63	56.79	74.00	-17.21	43.45	10.80	37.87	35.33	175	90	HORIZONTAL
2	15807.84	43.48	54.00	-10.52	30.14	10.80	37.87	35.33	175	90	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	15812.31	43.55	54.00	-10.45	30.21	10.80	37.87	35.33	185	327	VERTICAL
2	15812.43	56.35	74.00	-17.65	43.01	10.80	37.87	35.33	185	327	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.60	53.54	74.00	-20.46	41.26	8.65	38.58	34.95	Peak	230	292	HORIZONTAL
2	10620.16	40.75	54.00	-13.25	28.47	8.65	38.58	34.95	Average	230	292	HORIZONTAL
3	15931.01	43.29	54.00	-10.71	30.17	10.81	37.70	35.39	Average	183	109	HORIZONTAL
4	15932.47	55.90	74.00	-18.10	42.78	10.81	37.70	35.39	Peak	183	109	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10618.11	40.65	54.00	-13.35	28.37	8.65	38.58	34.95	Average	230	321	VERTICAL
2	10622.47	52.90	74.00	-21.10	40.62	8.65	38.58	34.95	Peak	230	321	VERTICAL
3	15927.73	43.18	54.00	-10.82	30.05	10.81	37.70	35.38	Average	191	308	VERTICAL
4	15931.62	55.73	74.00	-18.27	42.61	10.81	37.70	35.39	Peak	191	308	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.00	41.08	54.00	-12.92	28.41	8.94	38.52	34.79	Average	226	308	HORIZONTAL
2	11020.26	54.59	74.00	-19.41	41.92	8.94	38.52	34.79	Peak	226	308	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11018.46	40.63	54.00	-13.37	27.96	8.94	38.52	34.79	Average	246	340	VERTICAL
2	11018.50	53.69	74.00	-20.31	41.02	8.94	38.52	34.79	Peak	246	340	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.05	45.59	54.00	-8.41	32.77	8.99	38.62	34.79	Average	216	312	HORIZONTAL
2	11099.15	57.82	74.00	-16.18	45.00	8.99	38.62	34.79	Peak	216	312	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11098.42	54.76	74.00	-19.24	41.94	8.99	38.62	34.79	Peak	215	325	VERTICAL
2	11099.93	42.50	54.00	-11.50	29.68	8.99	38.62	34.79	Average	215	325	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.76	43.54	54.00	-10.46	30.30	9.14	38.90	34.80	Average	214	288	HORIZONTAL
2	11341.71	56.28	74.00	-17.72	43.04	9.14	38.90	34.80	Peak	214	288	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11338.35	54.51	74.00	-19.49	41.27	9.14	38.90	34.80	Peak	220	319	VERTICAL
2	11339.28	41.66	54.00	-12.34	28.42	9.14	38.90	34.80	Average	220	319	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	15871.93	56.61	74.00	-17.39	43.38	10.81	37.77	35.35	179	126	HORIZONTAL
2	15872.24	43.73	54.00	-10.27	30.50	10.81	37.77	35.35	179	126	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	15867.97	57.44	74.00	-16.56	44.21	10.81	37.77	35.35	194	314	VERTICAL
2	15868.04	43.71	54.00	-10.29	30.48	10.81	37.77	35.35	194	314	VERTICAL



<b>Temperature</b>	25°C	<b>Humidity</b>	55%
<b>Test Engineer</b>	Stim Sung	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
<b>Test Date</b>	Oct. 17, 2015		
<b>Test Mode</b>	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.91	40.38	54.00	-13.62	27.62	8.97	38.58	34.79	Average	232	315	HORIZONTAL
2	11062.29	53.92	74.00	-20.08	41.16	8.97	38.58	34.79	Peak	232	315	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11058.89	53.08	74.00	-20.92	40.32	8.97	38.58	34.79	Peak	226	305	VERTICAL
2	11061.07	40.45	54.00	-13.55	27.69	8.97	38.58	34.79	Average	226	305	VERTICAL