

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	15722.45	42.25	54.00	-11.75	30.69	7.92	38.52	34.88	Average	306	162	HORIZONTAL
2	15722.78	55.78	74.00	-18.22	44.22	7.92	38.52	34.88	Peak	306	162	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	15722.00	42.51	54.00	-11.49	30.95	7.92	38.52	34.88	Average	191	154	VERTICAL
2	15724.15	55.24	74.00	-18.76	43.68	7.92	38.52	34.88	Peak	191	154	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	15775.47	56.23	74.00	-17.77	44.74	7.93	38.48	34.92	Peak	202	166	HORIZONTAL
2	15782.16	42.17	54.00	-11.83	30.70	7.94	38.47	34.94	Average	202	166	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	15778.45	42.34	54.00	-11.66	30.87	7.93	38.48	34.94	Average	66	152	VERTICAL
2	15781.58	55.31	74.00	-18.69	43.84	7.94	38.47	34.94	Peak	66	152	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10595.89	52.65	74.00	-21.35	42.66	6.61	38.38	35.00	Peak	113	165	HORIZONTAL
2	10604.63	39.13	54.00	-14.87	29.14	6.60	38.38	34.99	Average	113	165	HORIZONTAL
3	15781.19	42.14	54.00	-11.86	30.67	7.93	38.48	34.94	Average	195	159	HORIZONTAL
4	15781.97	55.12	74.00	-18.88	43.65	7.94	38.47	34.94	Peak	195	159	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10598.83	39.08	54.00	-14.92	29.10	6.60	38.38	35.00	Average	101	163	VERTICAL
2	10604.72	52.31	74.00	-21.69	42.32	6.60	38.38	34.99	Peak	101	163	VERTICAL
3	15777.74	55.76	74.00	-18.24	44.29	7.93	38.48	34.94	Peak	176	155	VERTICAL
4	15781.77	42.40	54.00	-11.60	30.93	7.94	38.47	34.94	Average	176	155	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10635.90	39.49	54.00	-14.51	29.50	6.59	38.37	34.97	Average	149	163	HORIZONTAL
2	10641.17	52.62	74.00	-21.38	42.63	6.59	38.37	34.97	Peak	149	163	HORIZONTAL
3	15955.95	41.80	54.00	-12.20	30.57	8.00	38.33	35.10	Average	119	157	HORIZONTAL
4	15960.72	55.39	74.00	-18.61	44.16	8.00	38.33	35.10	Peak	119	157	HORIZONTAL

### Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10635.25	53.27	74.00	-20.73	43.28	6.59	38.37	34.97	Peak	42	151	VERTICAL
2	10638.00	39.59	54.00	-14.41	29.60	6.59	38.37	34.97	Average	42	151	VERTICAL
3	15958.52	42.17	54.00	-11.83	30.94	8.00	38.33	35.10	Average	124	169	VERTICAL
4	15960.41	55.79	74.00	-18.21	44.56	8.00	38.33	35.10	Peak	124	169	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10996.25	38.77	54.00	-15.23	28.72	6.46	38.30	34.71	Average	95	145	HORIZONTAL
2	10996.84	52.25	74.00	-21.75	42.20	6.46	38.30	34.71	Peak	95	145	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	10996.74	52.19	74.00	-21.81	42.14	6.46	38.30	34.71	Peak	110	158	VERTICAL
2	10999.25	38.98	54.00	-15.02	28.93	6.46	38.30	34.71	Average	110	158	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11159.77	39.25	54.00	-14.75	29.08	6.56	38.30	34.69	Average	165	159	HORIZONTAL
2	11162.47	53.05	74.00	-20.95	42.88	6.56	38.30	34.69	Peak	165	159	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11155.66	53.24	74.00	-20.76	43.08	6.55	38.30	34.69	Peak	96	159	VERTICAL
2	11163.58	39.57	54.00	-14.43	29.40	6.56	38.30	34.69	Average	96	159	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11400.46	39.11	54.00	-14.89	28.79	6.69	38.30	34.67	Average	168	168	HORIZONTAL
2	11400.81	53.32	74.00	-20.68	43.00	6.69	38.30	34.67	Peak	168	168	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11399.55	39.65	54.00	-14.35	29.33	6.69	38.30	34.67	Average	201	172	VERTICAL
2	11400.74	52.72	74.00	-21.28	42.40	6.69	38.30	34.67	Peak	201	172	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11438.67	52.43	74.00	-21.57	42.09	6.71	38.30	34.67	Peak	85	169	HORIZONTAL
2	11441.08	38.95	54.00	-15.05	28.61	6.71	38.30	34.67	Average	85	169	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11438.30	52.42	74.00	-21.58	42.08	6.71	38.30	34.67	Peak	69	160	VERTICAL
2	11438.83	39.27	54.00	-14.73	28.93	6.71	38.30	34.67	Average	69	160	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11490.38	52.09	74.00	-21.91	41.71	6.74	38.30	34.66	Peak	165	176	HORIZONTAL
2	11492.25	39.08	54.00	-14.92	28.70	6.74	38.30	34.66	Average	165	176	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11488.08	39.36	54.00	-14.64	28.98	6.74	38.30	34.66	Average	132	165	VERTICAL
2	11491.38	51.96	74.00	-22.04	41.58	6.74	38.30	34.66	Peak	132	165	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11568.69	52.83	74.00	-21.17	42.41	6.77	38.33	34.68	Peak	187	176	HORIZONTAL
2	11571.24	39.84	54.00	-14.16	29.43	6.77	38.33	34.69	Average	187	176	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11568.76	39.77	54.00	-14.23	29.35	6.77	38.33	34.68	Average	251	171	VERTICAL
2	11571.29	53.39	74.00	-20.61	42.98	6.77	38.33	34.69	Peak	251	171	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11651.04	53.63	74.00	-20.37	43.19	6.80	38.36	34.72	Peak	141	175	HORIZONTAL
2	11652.15	39.50	54.00	-14.50	29.06	6.80	38.36	34.72	Average	150	175	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	11650.07	39.84	54.00	-14.16	29.40	6.80	38.36	34.72	Average	187	169	VERTICAL
2	11650.12	54.16	74.00	-19.84	43.72	6.80	38.36	34.72	Peak	165	169	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15537.50	60.97	74.00	-13.03	45.67	12.04	38.14	34.88	Peak	165	246	HORIZONTAL
2	15537.50	47.78	54.00	-6.22	32.48	12.04	38.14	34.88	Average	165	246	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	15537.50	60.99	74.00	-13.01	45.69	12.04	38.14	34.88	Peak	165	318	VERTICAL
2	15537.50	47.62	54.00	-6.38	32.32	12.04	38.14	34.88	Average	165	318	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15597.50	58.74	74.00	-15.26	43.56	12.06	38.03	34.91	Peak	165	309	HORIZONTAL
2	15597.50	48.12	54.00	-5.88	32.94	12.06	38.03	34.91	Average	165	325	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	15597.50	58.38	74.00	-15.62	43.19	12.06	38.04	34.91	Peak	165	148	VERTICAL
2	15597.50	48.07	54.00	-5.93	32.88	12.06	38.04	34.91	Average	165	148	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15717.50	58.11	74.00	-15.89	43.12	12.11	37.84	34.96	Peak	165	259	HORIZONTAL
2	15717.50	46.77	54.00	-7.23	31.78	12.11	37.84	34.96	Average	165	259	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	15717.50	57.64	74.00	-16.36	42.64	12.11	37.85	34.96	Peak	165	195	VERTICAL
2	15717.50	47.17	54.00	-6.83	32.17	12.11	37.85	34.96	Average	165	195	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15779.77	47.63	54.00	-6.37	32.73	12.13	37.76	34.99	Average	165	211	HORIZONTAL
2	15781.22	60.22	74.00	-13.78	45.33	12.13	37.76	35.00	Peak	165	211	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	15777.50	57.31	74.00	-16.69	42.42	12.13	37.75	34.99	Peak	165	315	VERTICAL
2	15777.50	47.25	54.00	-6.75	32.36	12.13	37.75	34.99	Average	165	315	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10598.79	57.80	74.00	-16.20	43.07	9.92	40.08	35.27	Peak	165	353	HORIZONTAL
2	10601.79	45.33	54.00	-8.67	30.61	9.92	40.08	35.28	Average	165	353	HORIZONTAL
3	15897.85	59.84	74.00	-14.16	45.14	12.18	37.57	35.05	Peak	165	353	HORIZONTAL
4	15898.34	47.29	54.00	-6.71	32.59	12.18	37.57	35.05	Average	165	353	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	10599.11	57.73	74.00	-16.27	43.00	9.92	40.08	35.27	Peak	165	290	VERTICAL
2	10601.68	45.22	54.00	-8.78	30.50	9.92	40.08	35.28	Average	165	290	VERTICAL
3	15899.49	47.40	54.00	-6.60	32.71	12.18	37.56	35.05	Average	165	214	VERTICAL
4	15900.70	60.17	74.00	-13.83	45.48	12.18	37.56	35.05	Peak	165	214	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10639.98	45.25	54.00	-8.75	30.58	9.95	40.11	35.39	Average	165	345	HORIZONTAL
2	10639.99	58.73	74.00	-15.27	44.06	9.95	40.11	35.39	Peak	165	345	HORIZONTAL
3	15958.96	47.13	54.00	-6.87	32.55	12.20	37.46	35.08	Average	165	286	HORIZONTAL
4	15961.00	60.14	74.00	-13.86	45.56	12.20	37.46	35.08	Peak	165	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	10637.50	58.08	74.00	-15.92	43.41	9.95	40.11	35.39	Peak	165	244	VERTICAL
2	10639.63	45.29	54.00	-8.71	30.62	9.95	40.11	35.39	Average	165	244	VERTICAL
3	15959.96	47.27	54.00	-6.73	32.69	12.20	37.46	35.08	Average	165	300	VERTICAL
4	15961.46	61.10	74.00	-12.90	46.52	12.20	37.46	35.08	Peak	165	300	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### 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	10997.67	56.18	74.00	-17.82	41.99	10.20	40.40	36.41	Peak	165	268	HORIZONTAL
2	10997.89	43.70	54.00	-10.30	29.51	10.20	40.40	36.41	Average	165	268	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	10997.55	43.64	54.00	-10.36	29.45	10.20	40.40	36.41	Average	165	116	VERTICAL
2	10997.75	56.47	74.00	-17.53	42.28	10.20	40.40	36.41	Peak	165	116	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### 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	11159.86	58.02	74.00	-15.98	43.74	10.30	40.33	36.35	Peak	165	260	HORIZONTAL
2	11160.96	44.92	54.00	-9.08	30.64	10.30	40.33	36.35	Average	165	260	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	11160.68	44.90	54.00	-9.10	30.62	10.30	40.33	36.35	Average	165	227	VERTICAL
2	11161.66	57.81	74.00	-16.19	43.53	10.30	40.33	36.35	Peak	165	227	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11398.08	44.79	54.00	-9.21	30.34	10.45	40.24	36.24	Average	165	251	HORIZONTAL
2	11399.56	58.01	74.00	-15.99	43.56	10.45	40.24	36.24	Peak	165	251	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	11398.36	44.98	54.00	-9.02	30.53	10.45	40.24	36.24	Average	165	314	VERTICAL
2	11398.68	58.48	74.00	-15.52	44.03	10.45	40.24	36.24	Peak	165	314	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11439.35	58.82	74.00	-15.18	44.34	10.47	40.23	36.22	Peak	165	97	HORIZONTAL
2	11442.44	44.89	54.00	-9.11	30.41	10.47	40.23	36.22	Average	165	97	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	11438.80	58.56	74.00	-15.44	44.09	10.47	40.22	36.22	Peak	165	143	VERTICAL
2	11439.48	44.94	54.00	-9.06	30.47	10.47	40.22	36.22	Average	165	143	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11490.23	44.92	54.00	-9.08	30.41	10.50	40.21	36.20	Average	165	312	HORIZONTAL
2	11491.24	57.66	74.00	-16.34	43.15	10.50	40.21	36.20	Peak	165	312	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	11488.09	58.09	74.00	-15.91	43.59	10.50	40.20	36.20	Peak	165	243	VERTICAL
2	11489.37	44.86	54.00	-9.14	30.36	10.50	40.20	36.20	Average	165	243	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11567.94	45.23	54.00	-8.77	30.83	10.54	40.03	36.17	Average	165	178	HORIZONTAL
2	11569.38	58.57	74.00	-15.43	44.16	10.54	40.03	36.16	Peak	165	178	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	11568.44	45.39	54.00	-8.61	30.99	10.54	40.03	36.17	Average	165	267	VERTICAL
2	11571.45	57.89	74.00	-16.11	43.48	10.54	40.03	36.16	Peak	165	267	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11649.86	45.31	54.00	-8.69	31.00	10.57	39.87	36.13	Average	165	244	HORIZONTAL
2	11651.69	57.99	74.00	-16.01	43.72	10.57	39.83	36.13	Peak	165	244	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	11651.83	58.25	74.00	-15.75	43.98	10.57	39.83	36.13	Peak	165	192	VERTICAL
2	11652.50	45.11	54.00	-8.89	30.84	10.57	39.83	36.13	Average	165	192	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15540.10	45.57	54.00	-8.43	29.26	12.58	38.45	34.72	185	151	Average	HORIZONTAL
2	15540.19	58.49	74.00	-15.51	42.18	12.58	38.45	34.72	185	151	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15539.52	58.63	74.00	-15.37	42.32	12.58	38.45	34.72	280	100	Peak	VERTICAL
2	15540.00	46.01	54.00	-7.99	29.70	12.58	38.45	34.72	280	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

#### Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15600.26	45.30	54.00	-8.70	29.11	12.58	38.36	34.75	195	100	Average	HORIZONTAL
2	15600.49	58.09	74.00	-15.91	41.90	12.58	38.36	34.75	195	100	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	Loss	Factor	Factor	deg	cm		
1	15599.52	45.41	54.00	-8.59	29.22	12.58	38.36	34.75	92	100	Average	VERTICAL
2	15599.91	59.15	74.00	-14.85	42.96	12.58	38.36	34.75	92	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15720.56	57.64	74.00	-16.36	42.66	12.11	37.84	34.97	Peak	165	301	HORIZONTAL
2	15728.64	45.40	54.00	-8.60	30.42	12.11	37.84	34.97	Average	165	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	15704.00	45.55	54.00	-8.45	30.54	12.10	37.87	34.96	Average	165	230	VERTICAL
2	15730.16	59.19	74.00	-14.81	44.22	12.11	37.83	34.97	Peak	165	230	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	16365.12	45.01	54.00	-8.99	30.13	12.35	38.21	35.68	Average	165	319	HORIZONTAL
2	16377.44	57.38	74.00	-16.62	42.48	12.36	38.24	35.70	Peak	165	319	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	16369.84	57.40	74.00	-16.60	42.50	12.36	38.22	35.68	Peak	165	244	VERTICAL
2	16370.08	45.09	54.00	-8.91	30.19	12.36	38.22	35.68	Average	165	244	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10600.18	55.13	74.00	-18.87	40.29	10.16	38.92	34.24	130	150	Peak	HORIZONTAL
2	10600.22	42.80	54.00	-11.20	27.96	10.16	38.92	34.24	130	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	10600.19	43.58	54.00	-10.42	28.74	10.16	38.92	34.24	197	150	Average	VERTICAL
2	10600.32	55.18	74.00	-18.82	40.34	10.16	38.92	34.24	197	150	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	10639.57	43.69	54.00	-10.31	28.86	10.21	38.93	34.31	311	150	Average	HORIZONTAL
2	10639.58	56.03	74.00	-17.97	41.20	10.21	38.93	34.31	311	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	Loss	Factor	Factor	deg	cm		
1	10639.65	43.11	54.00	-10.89	28.28	10.21	38.93	34.31	281	150	Average	VERTICAL
2	10640.37	57.09	74.00	-16.91	42.27	10.21	38.93	34.32	281	150	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10999.60	56.74	74.00	-17.26	42.20	10.55	39.00	35.01	113	150	Peak	HORIZONTAL
2	11000.37	43.17	54.00	-10.83	28.63	10.55	39.00	35.01	113	150	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	10999.70	56.26	74.00	-17.74	41.72	10.55	39.00	35.01	235	150	Peak	VERTICAL
2	10999.70	43.22	54.00	-10.78	28.68	10.55	39.00	35.01	235	150	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11160.96	42.58	54.00	-11.42	28.30	10.30	40.33	36.35	Average	165	139	HORIZONTAL
2	11169.28	55.66	74.00	-18.34	41.36	10.31	40.33	36.34	Peak	165	139	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	11153.48	42.89	54.00	-11.11	28.60	10.30	40.34	36.35	Average	165	237	VERTICAL
2	11164.44	56.73	74.00	-17.27	42.44	10.30	40.33	36.34	Peak	165	237	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11399.70	56.81	74.00	-17.19	41.83	10.69	39.32	35.03	178	150	Peak	HORIZONTAL
2	11400.35	44.18	54.00	-9.82	29.20	10.69	39.32	35.03	178	150	Average	HORIZONTAL

### Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11399.77	57.96	74.00	-16.04	42.98	10.69	39.32	35.03	98	150	Peak	VERTICAL
2	11400.00	44.27	54.00	-9.73	29.29	10.69	39.32	35.03	98	150	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11439.44	57.04	74.00	-16.96	42.56	10.47	40.23	36.22	Peak	165	78	HORIZONTAL
2	11446.28	43.42	54.00	-10.58	28.94	10.47	40.23	36.22	Average	165	78	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	11430.68	56.90	74.00	-17.10	42.44	10.46	40.23	36.23	Peak	165	163	VERTICAL
2	11439.92	43.94	54.00	-10.06	29.47	10.47	40.22	36.22	Average	165	163	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11481.64	43.50	54.00	-10.50	28.99	10.50	40.21	36.20	Average	165	156	HORIZONTAL
2	11497.64	56.48	74.00	-17.52	41.98	10.50	40.20	36.20	Peak	165	156	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	11492.16	43.46	54.00	-10.54	28.96	10.50	40.20	36.20	Average	165	280	VERTICAL
2	11493.64	57.06	74.00	-16.94	42.56	10.50	40.20	36.20	Peak	165	280	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11569.40	56.14	74.00	-17.86	41.73	10.54	40.03	36.16	Peak	165	237	HORIZONTAL
2	11578.68	43.39	54.00	-10.61	28.98	10.54	40.03	36.16	Average	165	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	11561.16	55.82	74.00	-18.18	41.41	10.53	40.05	36.17	Peak	165	121	VERTICAL
2	11579.64	43.58	54.00	-10.42	29.19	10.54	40.01	36.16	Average	165	121	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11644.12	55.84	74.00	-18.16	41.53	10.57	39.87	36.13	Peak	165	183	HORIZONTAL
2	11651.84	43.09	54.00	-10.91	28.82	10.57	39.83	36.13	Average	165	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	11652.52	43.18	54.00	-10.82	28.91	10.57	39.83	36.13	Average	165	72	VERTICAL
2	11659.80	55.56	74.00	-18.44	41.30	10.58	39.81	36.13	Peak	165	72	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15565.04	47.11	54.00	-6.89	31.86	12.05	38.09	34.89	Average	165	284	HORIZONTAL
2	15586.00	59.00	74.00	-15.00	43.78	12.06	38.06	34.90	Peak	165	284	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	15551.20	59.50	74.00	-14.50	44.22	12.04	38.12	34.88	Peak	165	122	VERTICAL
2	15575.44	47.07	54.00	-6.93	31.84	12.05	38.08	34.90	Average	165	122	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 21, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15682.24	45.44	54.00	-8.56	30.39	12.10	37.90	34.95	Average	165	105	HORIZONTAL
2	15687.20	57.95	74.00	-16.05	42.90	12.10	37.90	34.95	Peak	165	105	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	15670.32	59.32	74.00	-14.68	44.25	12.09	37.92	34.94	Peak	165	311	VERTICAL
2	15680.24	46.44	54.00	-7.56	31.38	12.10	37.91	34.95	Average	165	311	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15809.55	44.84	54.00	-9.16	29.03	12.57	38.07	34.83	202	151	Average	HORIZONTAL
2	15810.11	57.93	74.00	-16.07	42.12	12.57	38.07	34.83	202	151	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	Loss	Factor	Factor	deg	cm		
1	15809.72	58.92	74.00	-15.08	43.11	12.57	38.07	34.83	119	151	Peak	VERTICAL
2	15810.42	44.93	54.00	-9.07	29.12	12.57	38.07	34.83	119	151	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10616.88	43.32	54.00	-10.68	28.62	9.93	40.10	35.33	Average	165	176	HORIZONTAL
2	10628.16	55.95	74.00	-18.05	41.27	9.94	40.10	35.36	Peak	165	176	HORIZONTAL
3	15931.28	58.03	74.00	-15.97	43.40	12.19	37.51	35.07	Peak	165	120	HORIZONTAL
4	15945.12	45.22	54.00	-8.78	30.61	12.20	37.48	35.07	Average	165	120	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	10626.64	43.53	54.00	-10.47	28.84	9.94	40.10	35.35	Average	165	255	VERTICAL
2	10626.88	55.83	74.00	-18.17	41.15	9.94	40.10	35.36	Peak	165	255	VERTICAL
3	15920.32	45.29	54.00	-8.71	30.63	12.19	37.53	35.06	Average	165	321	VERTICAL
4	15936.32	57.98	74.00	-16.02	43.36	12.19	37.50	35.07	Peak	165	321	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11030.40	42.80	54.00	-11.20	28.60	10.22	40.39	36.41	Average	165	183	HORIZONTAL
2	11035.28	55.64	74.00	-18.36	41.42	10.23	40.39	36.40	Peak	165	183	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	11036.72	42.87	54.00	-11.13	28.65	10.23	40.39	36.40	Average	165	85	VERTICAL
2	11038.96	55.47	74.00	-18.53	41.26	10.23	40.38	36.40	Peak	165	85	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11099.12	43.22	54.00	-10.78	28.97	10.26	40.36	36.37	Average	165	64	HORIZONTAL
2	11114.80	55.86	74.00	-18.14	41.61	10.27	40.35	36.37	Peak	165	64	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	11087.68	43.23	54.00	-10.77	28.99	10.26	40.36	36.38	Average	165	191	VERTICAL
2	11088.48	55.49	74.00	-18.51	41.25	10.26	40.36	36.38	Peak	165	191	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11323.92	55.98	74.00	-18.02	41.58	10.40	40.27	36.27	Peak	165	235	HORIZONTAL
2	11359.60	43.13	54.00	-10.87	28.71	10.42	40.26	36.26	Average	165	235	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	11327.52	43.14	54.00	-10.86	28.74	10.40	40.27	36.27	Average	165	340	VERTICAL
2	11353.36	55.54	74.00	-18.46	41.12	10.42	40.26	36.26	Peak	165	340	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### 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	11437.76	56.29	74.00	-17.71	41.81	10.47	40.23	36.22	Peak	165	320	HORIZONTAL
2	11437.76	43.84	54.00	-10.16	29.36	10.47	40.23	36.22	Average	165	320	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	11430.96	56.58	74.00	-17.42	42.11	10.47	40.23	36.23	Peak	165	208	VERTICAL
2	11433.60	43.83	54.00	-10.17	29.35	10.47	40.23	36.22	Average	165	207	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11509.28	43.88	54.00	-10.12	29.36	10.51	40.20	36.19	Average	165	332	HORIZONTAL
2	11512.24	55.61	74.00	-18.39	41.09	10.51	40.20	36.19	Peak	165	332	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	11490.32	56.65	74.00	-17.35	42.15	10.50	40.20	36.20	Peak	165	228	VERTICAL
2	11522.00	43.91	54.00	-10.09	29.43	10.52	40.15	36.19	Average	165	228	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11573.04	43.73	54.00	-10.27	29.32	10.54	40.03	36.16	Average	165	278	HORIZONTAL
2	11586.96	55.94	74.00	-18.06	41.57	10.54	39.99	36.16	Peak	165	278	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	11597.92	56.57	74.00	-17.43	42.21	10.55	39.96	36.15	Peak	165	266	VERTICAL
2	11602.32	43.79	54.00	-10.21	29.44	10.55	39.95	36.15	Average	165	266	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15563.80	57.99	74.00	-16.01	42.74	12.05	38.09	34.89	Peak	165	266	HORIZONTAL
2	15576.84	45.53	54.00	-8.47	30.29	12.05	38.09	34.90	Average	165	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	15568.52	45.56	54.00	-8.44	30.31	12.05	38.09	34.89	Average	165	180	VERTICAL
2	15572.60	58.14	74.00	-15.86	42.90	12.05	38.08	34.89	Peak	165	180	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15693.60	58.30	74.00	-15.70	43.25	12.10	37.90	34.95	Peak	165	163	HORIZONTAL
2	15695.36	45.44	54.00	-8.56	30.39	12.10	37.90	34.95	Average	165	163	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	15682.12	45.58	54.00	-8.42	30.52	12.10	37.91	34.95	Average	165	245	VERTICAL
2	15691.08	58.07	74.00	-15.93	43.03	12.10	37.89	34.95	Peak	165	245	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15805.80	58.21	74.00	-15.79	43.38	12.14	37.70	35.01	Peak	165	313	HORIZONTAL
2	15819.08	44.79	54.00	-9.21	29.97	12.15	37.68	35.01	Average	165	313	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	15801.24	57.85	74.00	-16.15	43.01	12.14	37.71	35.01	Peak	165	191	VERTICAL
2	15804.88	44.84	54.00	-9.16	30.00	12.14	37.71	35.01	Average	165	191	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	10609.36	55.31	74.00	-18.69	40.60	9.93	40.08	35.30	Peak	165	247	HORIZONTAL
2	10616.08	43.11	54.00	-10.89	28.40	9.93	40.10	35.32	Average	165	247	HORIZONTAL
3	15931.44	57.55	74.00	-16.45	42.92	12.19	37.51	35.07	Peak	165	160	HORIZONTAL
4	15948.32	45.09	54.00	-8.91	30.49	12.20	37.48	35.08	Average	165	160	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	10602.64	43.01	54.00	-10.99	28.30	9.92	40.08	35.29	Average	165	285	VERTICAL
2	10628.88	55.93	74.00	-18.07	41.25	9.94	40.10	35.36	Peak	165	285	VERTICAL
3	15910.24	45.29	54.00	-8.71	30.63	12.18	37.54	35.06	Average	165	189	VERTICAL
4	15946.96	58.03	74.00	-15.97	43.42	12.20	37.48	35.07	Peak	165	189	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11025.76	54.92	74.00	-19.08	40.72	10.22	40.39	36.41	Peak	165	317	HORIZONTAL
2	11037.20	42.74	54.00	-11.26	28.52	10.23	40.39	36.40	Average	165	317	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	11014.64	55.56	74.00	-18.44	41.37	10.21	40.39	36.41	Peak	165	119	VERTICAL
2	11039.76	42.68	54.00	-11.32	28.47	10.23	40.38	36.40	Average	165	119	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11084.32	42.98	54.00	-11.02	28.73	10.26	40.37	36.38	Average	165	217	HORIZONTAL
2	11088.96	55.46	74.00	-18.54	41.21	10.26	40.37	36.38	Peak	165	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	11108.80	42.96	54.00	-11.04	28.70	10.27	40.36	36.37	Average	165	130	VERTICAL
2	11109.20	55.26	74.00	-18.74	41.00	10.27	40.36	36.37	Peak	165	130	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11328.72	56.39	74.00	-17.61	41.99	10.40	40.27	36.27	Peak	165	164	HORIZONTAL
2	11354.32	42.83	54.00	-11.17	28.41	10.42	40.26	36.26	Average	165	164	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	11322.32	55.28	74.00	-18.72	40.88	10.40	40.27	36.27	Peak	165	68	VERTICAL
2	11358.88	42.95	54.00	-11.05	28.53	10.42	40.26	36.26	Average	165	68	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11428.16	43.32	54.00	-10.68	28.86	10.46	40.23	36.23	Average	165	342	HORIZONTAL
2	11436.16	55.54	74.00	-18.46	41.06	10.47	40.23	36.22	Peak	165	342	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	11416.08	43.56	54.00	-10.44	29.10	10.46	40.23	36.23	Average	165	22	VERTICAL
2	11438.16	56.57	74.00	-17.43	42.10	10.47	40.22	36.22	Peak	165	22	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11505.68	43.62	54.00	-10.38	29.10	10.51	40.20	36.19	Average	165	212	HORIZONTAL
2	11506.88	56.77	74.00	-17.23	42.25	10.51	40.20	36.19	Peak	165	212	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	11502.88	57.06	74.00	-16.94	42.55	10.51	40.19	36.19	Peak	165	107	VERTICAL
2	11518.88	43.66	54.00	-10.34	29.19	10.51	40.15	36.19	Average	165	107	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11571.60	56.01	74.00	-17.99	41.60	10.54	40.03	36.16	Peak	165	72	HORIZONTAL
2	11596.32	43.60	54.00	-10.40	29.21	10.55	39.99	36.15	Average	165	72	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	11570.16	55.87	74.00	-18.13	41.46	10.54	40.03	36.16	Peak	165	159	VERTICAL
2	11587.52	43.56	54.00	-10.44	29.18	10.55	39.99	36.16	Average	165	159	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	15614.16	45.93	54.00	-8.07	30.76	12.07	38.01	34.91	Average	165	217	HORIZONTAL
2	15627.52	58.64	74.00	-15.36	43.48	12.07	38.01	34.92	Peak	165	217	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	15610.00	45.94	54.00	-8.06	30.76	12.07	38.02	34.91	Average	165	356	VERTICAL
2	15619.28	58.96	74.00	-15.04	43.80	12.07	38.01	34.92	Peak	165	356	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15854.96	58.01	74.00	-15.99	43.25	12.16	37.63	35.03	Peak	165	147	VERTICAL
2	15885.52	45.50	54.00	-8.50	30.80	12.17	37.58	35.05	Average	165	146	VERTICAL

**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	15870.48	45.27	54.00	-8.73	30.55	12.17	37.59	35.04	Average	165	135	HORIZONTAL
2	15886.80	57.88	74.00	-16.12	43.18	12.18	37.57	35.05	Peak	165	135	HORIZONTAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11044.56	55.66	74.00	-18.34	41.45	10.23	40.38	36.40	Peak	165	284	HORIZONTAL
2	11070.08	43.01	54.00	-10.99	28.78	10.25	40.37	36.39	Average	165	284	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	11074.96	55.50	74.00	-18.50	41.27	10.25	40.37	36.39	Peak	165	202	VERTICAL
2	11078.96	43.04	54.00	-10.96	28.80	10.25	40.37	36.38	Average	165	202	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11212.08	42.86	54.00	-11.14	28.54	10.33	40.31	36.32	Average	165	355	HORIZONTAL
2	11225.52	55.37	74.00	-18.63	41.04	10.34	40.31	36.32	Peak	165	355	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	11210.88	55.17	74.00	-18.83	40.85	10.33	40.31	36.32	Peak	165	112	VERTICAL
2	11222.32	42.81	54.00	-11.19	28.48	10.34	40.31	36.32	Average	165	112	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### 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	11384.08	56.69	74.00	-17.31	42.25	10.44	40.25	36.25	Peak	165	218	HORIZONTAL
2	11385.20	43.38	54.00	-10.62	28.94	10.44	40.25	36.25	Average	165	218	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	16369.84	57.40	74.00	-16.60	42.50	12.36	38.22	35.68	Peak	165	244	VERTICAL
2	16370.08	45.09	54.00	-8.91	30.19	12.36	38.22	35.68	Average	165	244	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor		cm	deg	
1	11549.68	43.45	54.00	-10.55	29.01	10.53	40.08	36.17 Average	165	228	HORIZONTAL
2	11556.32	55.89	74.00	-18.11	41.45	10.53	40.08	36.17 Peak	165	228	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor		cm	deg	
1	11537.92	56.34	74.00	-17.66	41.89	10.52	40.11	36.18 Peak	165	139	VERTICAL
2	11553.52	43.50	54.00	-10.50	29.07	10.53	40.07	36.17 Average	165	139	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15610.48	45.83	54.00	-8.17	30.64	12.07	38.03	34.91	Average	165	67	HORIZONTAL
2	15638.96	57.73	74.00	-16.27	42.60	12.08	37.98	34.93	Peak	165	67	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	15619.04	57.97	74.00	-16.03	42.81	12.07	38.01	34.92	Peak	165	154	VERTICAL
2	15619.84	45.87	54.00	-8.13	30.71	12.07	38.01	34.92	Average	165	154	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	15876.56	45.12	54.00	-8.88	30.40	12.17	37.59	35.04	Average	165	256	HORIZONTAL
2	15878.08	57.69	74.00	-16.31	42.97	12.17	37.59	35.04	Peak	165	256	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	15854.16	57.69	74.00	-16.31	42.93	12.16	37.63	35.03	Peak	165	203	VERTICAL
2	15862.00	45.01	54.00	-8.99	30.25	12.17	37.62	35.03	Average	165	203	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11056.88	55.26	74.00	-18.74	41.04	10.24	40.37	36.39	Peak	165	160	HORIZONTAL
2	11066.00	42.87	54.00	-11.13	28.65	10.24	40.37	36.39	Average	165	160	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	11068.40	55.73	74.00	-18.27	41.50	10.25	40.37	36.39	Peak	165	272	VERTICAL
2	11070.96	42.99	54.00	-11.01	28.76	10.25	40.37	36.39	Average	165	272	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	11213.60	42.36	54.00	-11.64	28.04	10.33	40.31	36.32	Average	165	262	HORIZONTAL
2	11224.88	55.13	74.00	-18.87	40.80	10.34	40.31	36.32	Peak	165	262	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	11205.44	42.55	54.00	-11.45	28.23	10.33	40.32	36.33	Average	165	302	VERTICAL
2	11226.24	55.59	74.00	-18.41	41.26	10.34	40.31	36.32	Peak	165	302	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11392.64	55.69	74.00	-18.31	41.24	10.44	40.25	36.24	Peak	165	344	HORIZONTAL
2	11393.92	43.16	54.00	-10.84	28.71	10.44	40.25	36.24	Average	165	344	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	11367.84	55.92	74.00	-18.08	41.49	10.43	40.25	36.25	Peak	165	171	VERTICAL
2	11395.12	43.33	54.00	-10.67	28.89	10.44	40.24	36.24	Average	165	171	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**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	11537.76	55.71	74.00	-18.29	41.25	10.52	40.12	36.18	Peak	165	105	HORIZONTAL
2	11556.80	43.60	54.00	-10.40	29.16	10.53	40.08	36.17	Average	165	105	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	11551.44	43.52	54.00	-10.48	29.09	10.53	40.07	36.17	Average	165	24	VERTICAL
2	11553.76	56.24	74.00	-17.76	41.81	10.53	40.07	36.17	Peak	165	24	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 36 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	15539.90	45.05	54.00	-8.95	28.74	12.58	38.45	34.72	218	100	Average	HORIZONTAL
2	15541.67	59.67	74.00	-14.33	43.37	12.58	38.45	34.73	218	100	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	15540.78	44.90	54.00	-9.10	28.59	12.58	38.45	34.72	147	100	Average	VERTICAL
2	15540.98	59.45	74.00	-14.55	43.15	12.58	38.45	34.73	147	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 40 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15598.72	44.60	54.00	-9.40	28.41	12.58	38.36	34.75	69	100	Average	HORIZONTAL
2	15600.67	59.40	74.00	-14.60	43.21	12.58	38.36	34.75	69	100	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	Loss	Factor	Factor	deg	cm		
1	15600.92	44.45	54.00	-9.55	28.26	12.58	38.36	34.75	147	100	Average	VERTICAL
2	15601.71	58.86	74.00	-15.14	42.67	12.58	38.36	34.75	147	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15717.50	44.65	54.00	-9.35	28.69	12.57	38.19	34.80	265	100	Average	HORIZONTAL
2	15719.89	59.19	74.00	-14.81	43.23	12.57	38.19	34.80	265	100	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	Loss	Factor	Factor	deg	cm		
1	15719.76	44.51	54.00	-9.49	28.55	12.57	38.19	34.80	217	100	Average	VERTICAL
2	15722.23	58.68	74.00	-15.32	42.72	12.57	38.19	34.80	217	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15780.46	44.15	54.00	-9.85	28.29	12.57	38.11	34.82	301	100	Average	HORIZONTAL
2	15780.46	58.03	74.00	-15.97	42.17	12.57	38.11	34.82	301	100	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	Loss	Factor	Factor	deg	cm		
1	15777.50	44.21	54.00	-9.79	28.35	12.57	38.11	34.82	301	100	Average	VERTICAL
2	15779.22	58.83	74.00	-15.17	42.97	12.57	38.11	34.82	301	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10598.20	56.85	74.00	-17.15	42.00	10.16	38.92	34.23	145	100	Peak	HORIZONTAL
2	10600.64	42.66	54.00	-11.34	27.82	10.16	38.92	34.24	145	100	Average	HORIZONTAL
3	15900.02	44.30	54.00	-9.70	28.66	12.57	37.94	34.87	190	100	Average	HORIZONTAL
4	15901.06	58.80	74.00	-15.20	43.18	12.57	37.92	34.87	190	100	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	10599.19	42.56	54.00	-11.44	27.72	10.16	38.92	34.24	145	100	Average	VERTICAL
2	10599.70	56.76	74.00	-17.24	41.92	10.16	38.92	34.24	145	100	Peak	VERTICAL
3	15901.63	44.00	54.00	-10.00	28.38	12.57	37.92	34.87	170	100	Average	VERTICAL
4	15902.40	58.24	74.00	-15.76	42.62	12.57	37.92	34.87	170	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10637.97	42.66	54.00	-11.34	27.83	10.21	38.93	34.31	114	100	Average	HORIZONTAL
2	10639.74	56.84	74.00	-17.16	42.01	10.21	38.93	34.31	114	100	Peak	HORIZONTAL
3	15959.01	58.95	74.00	-15.05	43.43	12.56	37.85	34.89	177	100	Peak	HORIZONTAL
4	15960.02	43.93	54.00	-10.07	28.41	12.56	37.85	34.89	177	100	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	10637.91	57.94	74.00	-16.06	43.11	10.21	38.93	34.31	136	100	Peak	VERTICAL
2	10638.48	42.58	54.00	-11.42	27.75	10.21	38.93	34.31	136	100	Average	VERTICAL
3	15958.48	43.97	54.00	-10.03	28.45	12.56	37.85	34.89	92	100	Average	VERTICAL
4	15961.36	57.57	74.00	-16.43	42.05	12.56	37.85	34.89	92	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10998.65	42.50	54.00	-11.50	27.96	10.55	39.00	35.01	137	100	Average	HORIZONTAL
2	11001.05	56.90	74.00	-17.10	42.36	10.55	39.00	35.01	137	100	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	10998.60	56.75	74.00	-17.25	42.21	10.55	39.00	35.01	195	100	Peak	VERTICAL
2	11000.67	42.45	54.00	-11.55	27.91	10.55	39.00	35.01	195	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11158.22	42.43	54.00	-11.57	27.72	10.60	39.13	35.02	198	100	Average	HORIZONTAL
2	11158.39	57.80	74.00	-16.20	43.09	10.60	39.13	35.02	198	100	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	Loss	Factor	Factor	deg	cm		
1	11160.20	56.65	74.00	-17.35	41.94	10.60	39.13	35.02	287	100	Peak	VERTICAL
2	11160.87	42.61	54.00	-11.39	27.90	10.60	39.13	35.02	287	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11400.38	43.34	54.00	-10.66	28.36	10.69	39.32	35.03	55	100	Average	HORIZONTAL
2	11401.22	58.61	74.00	-15.39	43.63	10.69	39.32	35.03	55	100	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	11400.01	57.87	74.00	-16.13	42.89	10.69	39.32	35.03	116	100	Peak	VERTICAL
2	11401.63	43.63	54.00	-10.37	28.65	10.69	39.32	35.03	116	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11438.89	43.55	54.00	-10.45	28.54	10.69	39.35	35.03	127	100	Average	HORIZONTAL
2	11441.94	58.45	74.00	-15.55	43.44	10.69	39.35	35.03	127	100	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	11438.89	43.95	54.00	-10.05	28.94	10.69	39.35	35.03	303	100	Average	VERTICAL
2	11442.20	58.18	74.00	-15.82	43.17	10.69	39.35	35.03	303	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11487.95	57.63	74.00	-16.37	42.56	10.71	39.39	35.03	68	100	Peak	HORIZONTAL
2	11488.61	43.31	54.00	-10.69	28.24	10.71	39.39	35.03	68	100	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	11489.32	43.18	54.00	-10.82	28.11	10.71	39.39	35.03	168	100	Average	VERTICAL
2	11491.13	57.88	74.00	-16.12	42.81	10.71	39.39	35.03	168	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11568.42	43.24	54.00	-10.76	28.08	10.75	39.44	35.03	38	100	Average	HORIZONTAL
2	11568.88	57.78	74.00	-16.22	42.62	10.75	39.44	35.03	38	100	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	11569.06	57.21	74.00	-16.79	42.05	10.75	39.44	35.03	100	100	Peak	VERTICAL
2	11572.24	43.39	54.00	-10.61	28.22	10.76	39.44	35.03	100	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11647.91	57.91	74.00	-16.09	42.66	10.81	39.48	35.04	234	100	Peak	HORIZONTAL
2	11650.02	43.38	54.00	-10.62	28.13	10.81	39.48	35.04	234	100	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	11648.90	58.33	74.00	-15.67	43.08	10.81	39.48	35.04	321	100	Peak	VERTICAL
2	11649.94	43.56	54.00	-10.44	28.31	10.81	39.48	35.04	321	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15540.00	58.28	74.00	-15.72	41.97	12.58	38.45	34.72	73	100	Peak	HORIZONTAL
2	15541.72	43.28	54.00	-10.72	26.98	12.58	38.45	34.73	73	100	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	15540.00	43.31	54.00	-10.69	27.00	12.58	38.45	34.72	118	100	Average	VERTICAL
2	15543.00	57.65	74.00	-16.35	41.35	12.58	38.45	34.73	118	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15600.00	42.74	54.00	-11.26	26.55	12.58	38.36	34.75	133	100	Average	HORIZONTAL
2	15603.00	56.89	74.00	-17.11	40.70	12.58	38.36	34.75	133	100	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	15598.41	59.96	74.00	-14.04	43.77	12.58	38.36	34.75	82	100	Peak	VERTICAL
2	15601.50	45.25	54.00	-8.75	29.06	12.58	38.36	34.75	82	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15719.46	45.12	54.00	-8.88	29.16	12.57	38.19	34.80	255	100	Average	HORIZONTAL
2	15719.62	58.60	74.00	-15.40	42.64	12.57	38.19	34.80	255	100	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	Loss	Factor	Factor	deg	cm		
1	15717.50	45.95	54.00	-8.05	29.99	12.57	38.19	34.80	179	100	Average	VERTICAL
2	15720.00	60.23	74.00	-13.77	44.27	12.57	38.19	34.80	179	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15778.00	59.63	74.00	-14.37	43.77	12.57	38.11	34.82	175	100	Peak	HORIZONTAL
2	15780.50	44.52	54.00	-9.48	28.66	12.57	38.11	34.82	175	100	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	15777.50	44.53	54.00	-9.47	28.67	12.57	38.11	34.82	150	100	Average	VERTICAL
2	15781.24	59.04	74.00	-14.96	43.18	12.57	38.11	34.82	150	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10599.21	42.77	54.00	-11.23	27.93	10.16	38.92	34.24	248	100	Average	HORIZONTAL
2	10599.62	56.93	74.00	-17.07	42.09	10.16	38.92	34.24	248	100	Peak	HORIZONTAL
3	15899.40	44.45	54.00	-9.55	28.81	12.57	37.94	34.87	275	100	Average	HORIZONTAL
4	15900.23	59.09	74.00	-14.91	43.45	12.57	37.94	34.87	275	100	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	10599.01	42.87	54.00	-11.13	28.02	10.16	38.92	34.23	102	100	Average	VERTICAL
2	10601.45	57.79	74.00	-16.21	42.92	10.19	38.92	34.24	102	100	Peak	VERTICAL
3	15898.70	59.31	74.00	-14.69	43.67	12.57	37.94	34.87	202	100	Peak	VERTICAL
4	15899.98	44.48	54.00	-9.52	28.84	12.57	37.94	34.87	202	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10637.96	57.85	74.00	-16.15	43.02	10.21	38.93	34.31	305	100 Peak	HORIZONTAL
2	10639.98	42.71	54.00	-11.29	27.89	10.21	38.93	34.32	305	100 Average	HORIZONTAL
3	15959.67	58.02	74.00	-15.98	42.50	12.56	37.85	34.89	354	100 Peak	HORIZONTAL
4	15960.04	43.98	54.00	-10.02	28.46	12.56	37.85	34.89	354	100 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	10639.46	57.09	74.00	-16.91	42.26	10.21	38.93	34.31	279	100 Peak	VERTICAL
2	10639.92	42.71	54.00	-11.29	27.89	10.21	38.93	34.32	279	100 Average	VERTICAL
3	15958.25	58.46	74.00	-15.54	42.94	12.56	37.85	34.89	279	100 Peak	VERTICAL
4	15960.14	43.82	54.00	-10.18	28.30	12.56	37.85	34.89	279	100 Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	10999.94	42.56	54.00	-11.44	28.02	10.55	39.00	35.01	53	100	Average	HORIZONTAL
2	11001.43	56.85	74.00	-17.15	42.31	10.55	39.00	35.01	53	100	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	10999.89	57.37	74.00	-16.63	42.83	10.55	39.00	35.01	172	100	Peak	VERTICAL
2	11000.03	42.53	54.00	-11.47	27.99	10.55	39.00	35.01	172	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11158.53	58.04	74.00	-15.96	43.33	10.60	39.13	35.02	125	100	Peak	HORIZONTAL
2	11160.21	42.34	54.00	-11.66	27.63	10.60	39.13	35.02	125	100	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	11159.74	56.53	74.00	-17.47	41.82	10.60	39.13	35.02	158	100	Peak	VERTICAL
2	11160.50	42.45	54.00	-11.55	27.74	10.60	39.13	35.02	158	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11399.72	43.31	54.00	-10.69	28.33	10.69	39.32	35.03	123	100	Average	HORIZONTAL
2	11401.51	59.00	74.00	-15.00	44.02	10.69	39.32	35.03	123	100	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	11400.17	57.43	74.00	-16.57	42.45	10.69	39.32	35.03	158	100	Peak	VERTICAL
2	11402.00	43.30	54.00	-10.70	28.32	10.69	39.32	35.03	158	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11439.86	43.53	54.00	-10.47	28.52	10.69	39.35	35.03	94	100	Average	HORIZONTAL
2	11440.74	55.87	74.00	-18.13	40.86	10.69	39.35	35.03	94	100	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	Loss	Factor	Factor	deg	cm		
1	11439.59	58.21	74.00	-15.79	43.20	10.69	39.35	35.03	248	100	Peak	VERTICAL
2	11440.00	43.54	54.00	-10.46	28.53	10.69	39.35	35.03	248	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11489.58	58.57	74.00	-15.43	43.50	10.71	39.39	35.03	157	100	Peak	HORIZONTAL
2	11490.40	43.14	54.00	-10.86	28.07	10.71	39.39	35.03	157	100	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	11489.95	56.96	74.00	-17.04	41.89	10.71	39.39	35.03	293	100	Peak	VERTICAL
2	11490.09	43.12	54.00	-10.88	28.05	10.71	39.39	35.03	293	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11568.50	43.29	54.00	-10.71	28.13	10.75	39.44	35.03	103	100	Average	HORIZONTAL
2	11570.15	56.97	74.00	-17.03	41.80	10.76	39.44	35.03	103	100	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	11569.00	43.38	54.00	-10.62	28.22	10.75	39.44	35.03	204	100	Average	VERTICAL
2	11569.74	57.55	74.00	-16.45	42.39	10.75	39.44	35.03	204	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11647.92	57.68	74.00	-16.32	42.43	10.81	39.48	35.04	237	100	Peak	HORIZONTAL
2	11650.33	43.12	54.00	-10.88	27.87	10.81	39.48	35.04	237	100	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	11650.19	43.23	54.00	-10.77	27.98	10.81	39.48	35.04	306	100	Average	VERTICAL
2	11652.36	57.95	74.00	-16.05	42.69	10.81	39.49	35.04	306	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15539.49	44.83	54.00	-9.17	28.52	12.58	38.45	34.72	82	100	Average	HORIZONTAL
2	15540.90	58.26	74.00	-15.74	41.96	12.58	38.45	34.73	82	100	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	15540.54	59.61	74.00	-14.39	43.30	12.58	38.45	34.72	250	100	Peak	VERTICAL
2	15542.16	44.72	54.00	-9.28	28.42	12.58	38.45	34.73	250	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15597.66	44.42	54.00	-9.58	28.23	12.58	38.36	34.75	206	100	Average	HORIZONTAL
2	15598.85	58.63	74.00	-15.37	42.44	12.58	38.36	34.75	206	100	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	15598.34	58.08	74.00	-15.92	41.89	12.58	38.36	34.75	323	100	Peak	VERTICAL
2	15598.84	44.39	54.00	-9.61	28.20	12.58	38.36	34.75	323	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15719.05	44.46	54.00	-9.54	28.50	12.57	38.19	34.80	118	100	Average	HORIZONTAL
2	15720.98	58.18	74.00	-15.82	42.22	12.57	38.19	34.80	118	100	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	15718.27	59.27	74.00	-14.73	43.31	12.57	38.19	34.80	164	100	Peak	VERTICAL
2	15719.62	44.53	54.00	-9.47	28.57	12.57	38.19	34.80	164	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15779.59	57.87	74.00	-16.13	42.01	12.57	38.11	34.82	100	100	Peak	HORIZONTAL
2	15780.45	43.95	54.00	-10.05	28.09	12.57	38.11	34.82	100	100	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	15777.73	44.20	54.00	-9.80	28.34	12.57	38.11	34.82	236	100	Average	VERTICAL
2	15782.36	57.49	74.00	-16.51	41.65	12.57	38.09	34.82	236	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	10597.98	56.45	74.00	-17.55	41.60	10.16	38.92	34.23	172	100	Peak	HORIZONTAL
2	10598.81	42.81	54.00	-11.19	27.96	10.16	38.92	34.23	172	100	Average	HORIZONTAL
3	15898.89	43.90	54.00	-10.10	28.26	12.57	37.94	34.87	209	100	Average	HORIZONTAL
4	15901.88	58.24	74.00	-15.76	42.62	12.57	37.92	34.87	209	100	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	10597.84	56.53	74.00	-17.47	41.68	10.16	38.92	34.23	309	100	Peak	VERTICAL
2	10600.38	42.81	54.00	-11.19	27.97	10.16	38.92	34.24	309	100	Average	VERTICAL
3	15900.66	57.62	74.00	-16.38	42.00	12.57	37.92	34.87	251	100	Peak	VERTICAL
4	15901.60	44.01	54.00	-9.99	28.39	12.57	37.92	34.87	251	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	10637.62	55.01	74.00	-18.99	40.18	10.21	38.93	34.31	88	100	Peak	HORIZONTAL
2	10640.30	42.95	54.00	-11.05	28.13	10.21	38.93	34.32	88	100	Average	HORIZONTAL
3	15958.97	43.58	54.00	-10.42	28.06	12.56	37.85	34.89	225	100	Average	HORIZONTAL
4	15958.97	57.22	74.00	-16.78	41.70	12.56	37.85	34.89	225	100	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	10639.83	57.12	74.00	-16.88	42.29	10.21	38.93	34.31	142	100	Peak	VERTICAL
2	10640.30	42.88	54.00	-11.12	28.06	10.21	38.93	34.32	142	100	Average	VERTICAL
3	15959.09	43.43	54.00	-10.57	27.91	12.56	37.85	34.89	180	100	Average	VERTICAL
4	15960.61	56.99	74.00	-17.01	41.47	12.56	37.85	34.89	180	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	10998.27	55.94	74.00	-18.06	41.40	10.55	39.00	35.01	116	100	Peak	HORIZONTAL
2	10998.40	42.55	54.00	-11.45	28.01	10.55	39.00	35.01	116	100	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	11001.25	57.22	74.00	-16.78	42.68	10.55	39.00	35.01	170	100	Peak	VERTICAL
2	11001.47	42.58	54.00	-11.42	28.04	10.55	39.00	35.01	170	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11159.26	42.85	54.00	-11.15	28.14	10.60	39.13	35.02	85	100	Average	HORIZONTAL
2	11160.48	56.77	74.00	-17.23	42.06	10.60	39.13	35.02	85	100	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	11158.67	56.53	74.00	-17.47	41.82	10.60	39.13	35.02	162	100	Peak	VERTICAL
2	11158.72	42.73	54.00	-11.27	28.02	10.60	39.13	35.02	162	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11398.03	57.56	74.00	-16.44	42.58	10.69	39.32	35.03	305	100	Peak	HORIZONTAL
2	11399.23	43.55	54.00	-10.45	28.57	10.69	39.32	35.03	305	100	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	11397.83	43.72	54.00	-10.28	28.74	10.69	39.32	35.03	195	100	Average	VERTICAL
2	11398.25	57.84	74.00	-16.16	42.86	10.69	39.32	35.03	195	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11440.18	57.65	74.00	-16.35	42.64	10.69	39.35	35.03	122	100	Peak	HORIZONTAL
2	11441.48	43.58	54.00	-10.42	28.57	10.69	39.35	35.03	122	100	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	11439.85	57.51	74.00	-16.49	42.50	10.69	39.35	35.03	185	100	Peak	VERTICAL
2	11441.21	43.62	54.00	-10.38	28.61	10.69	39.35	35.03	185	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11488.65	43.35	54.00	-10.65	28.28	10.71	39.39	35.03	227	100	Average	HORIZONTAL
2	11488.76	57.15	74.00	-16.85	42.08	10.71	39.39	35.03	227	100	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	11489.58	43.22	54.00	-10.78	28.15	10.71	39.39	35.03	139	100	Average	VERTICAL
2	11492.23	57.21	74.00	-16.79	42.14	10.71	39.39	35.03	139	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11570.76	58.12	74.00	-15.88	42.95	10.76	39.44	35.03	333	100	Peak	HORIZONTAL
2	11572.06	43.29	54.00	-10.71	28.12	10.76	39.44	35.03	333	100	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	11570.78	43.44	54.00	-10.56	28.27	10.76	39.44	35.03	199	100	Average	VERTICAL
2	11572.08	57.67	74.00	-16.33	42.50	10.76	39.44	35.03	199	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11648.13	56.95	74.00	-17.05	41.70	10.81	39.48	35.04	255	100	Peak	HORIZONTAL
2	11650.54	43.66	54.00	-10.34	28.40	10.81	39.49	35.04	255	100	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	11648.60	58.21	74.00	-15.79	42.96	10.81	39.48	35.04	319	100	Peak	VERTICAL
2	11649.66	43.57	54.00	-10.43	28.32	10.81	39.48	35.04	319	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15568.19	59.57	74.00	-14.43	43.33	12.58	38.40	34.74	138	100	Peak	HORIZONTAL
2	15569.94	44.93	54.00	-9.07	28.69	12.58	38.40	34.74	138	100	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	15568.17	45.04	54.00	-8.96	28.80	12.58	38.40	34.74	222	100	Average	VERTICAL
2	15571.87	58.52	74.00	-15.48	42.28	12.58	38.40	34.74	222	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15687.87	59.49	74.00	-14.51	43.46	12.58	38.23	34.78	151	100	Peak	HORIZONTAL
2	15689.83	44.07	54.00	-9.93	28.05	12.58	38.23	34.79	151	100	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	15689.83	44.27	54.00	-9.73	28.25	12.58	38.23	34.79	311	100	Average	VERTICAL
2	15690.81	58.81	74.00	-15.19	42.79	12.58	38.23	34.79	311	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15810.23	44.21	54.00	-9.79	28.40	12.57	38.07	34.83	195	100	Average	HORIZONTAL
2	15810.41	57.76	74.00	-16.24	41.95	12.57	38.07	34.83	195	100	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	15809.98	44.68	54.00	-9.32	28.87	12.57	38.07	34.83	135	100	Average	VERTICAL
2	15810.24	58.28	74.00	-15.72	42.47	12.57	38.07	34.83	135	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	10618.63	57.48	74.00	-16.52	42.64	10.19	38.92	34.27	137	100 Peak	HORIZONTAL
2	10620.01	42.72	54.00	-11.28	27.89	10.19	38.92	34.28	137	100 Average	HORIZONTAL
3	15928.81	57.85	74.00	-16.15	42.27	12.56	37.90	34.88	231	100 Peak	HORIZONTAL
4	15930.54	44.31	54.00	-9.69	28.73	12.56	37.90	34.88	231	100 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	10619.73	42.87	54.00	-11.13	28.04	10.19	38.92	34.28	264	100 Average	VERTICAL
2	10620.01	56.55	74.00	-17.45	41.72	10.19	38.92	34.28	264	100 Peak	VERTICAL
3	15928.60	43.98	54.00	-10.02	28.40	12.56	37.90	34.88	307	100 Average	VERTICAL
4	15929.89	57.92	74.00	-16.08	42.34	12.56	37.90	34.88	307	100 Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

#### Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11019.73	42.56	54.00	-11.44	28.00	10.56	39.01	35.01	77	100	Average	HORIZONTAL
2	11020.32	56.70	74.00	-17.30	42.14	10.56	39.01	35.01	77	100	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	Loss	Factor	Factor	deg	cm		
1	11019.44	43.16	54.00	-10.84	28.60	10.56	39.01	35.01	284	100	Average	VERTICAL
2	11019.67	57.29	74.00	-16.71	42.73	10.56	39.01	35.01	284	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11099.32	42.68	54.00	-11.32	28.03	10.58	39.08	35.01	302	100	Average	HORIZONTAL
2	11101.33	57.50	74.00	-16.50	42.85	10.58	39.08	35.01	302	100	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	Loss	Factor	Factor	deg	cm		
1	11100.88	42.69	54.00	-11.31	28.04	10.58	39.08	35.01	253	100	Average	VERTICAL
2	11101.89	57.19	74.00	-16.81	42.54	10.58	39.08	35.01	253	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11338.91	56.70	74.00	-17.30	41.79	10.66	39.27	35.02	63	100	Peak	HORIZONTAL
2	11339.99	43.42	54.00	-10.58	28.51	10.66	39.27	35.02	63	100	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	11341.03	57.57	74.00	-16.43	42.65	10.67	39.27	35.02	323	100	Peak	VERTICAL
2	11341.92	43.33	54.00	-10.67	28.41	10.67	39.27	35.02	323	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11420.00	42.40	54.00	-11.60	27.41	10.69	39.33	35.03	244	100	Average	HORIZONTAL
2	11420.00	56.90	74.00	-17.10	41.91	10.69	39.33	35.03	244	100	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	Loss	Factor	Factor	deg	cm		
1	11418.33	43.88	54.00	-10.12	28.89	10.69	39.33	35.03	118	100	Average	VERTICAL
2	11419.73	57.31	74.00	-16.69	42.32	10.69	39.33	35.03	118	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11509.42	43.29	54.00	-10.71	28.20	10.72	39.40	35.03	124	100	Average	HORIZONTAL
2	11511.79	56.94	74.00	-17.06	41.85	10.72	39.40	35.03	124	100	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	Loss	Factor	Factor	deg	cm		
1	11508.08	43.30	54.00	-10.70	28.21	10.72	39.40	35.03	202	100	Average	VERTICAL
2	11509.15	57.75	74.00	-16.25	42.66	10.72	39.40	35.03	202	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11590.63	57.97	74.00	-16.03	42.79	10.76	39.45	35.03	85	100	Peak	HORIZONTAL
2	11590.65	43.49	54.00	-10.51	28.31	10.76	39.45	35.03	85	100	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	11590.42	56.85	74.00	-17.15	41.67	10.76	39.45	35.03	156	100	Peak	VERTICAL
2	11590.65	43.16	54.00	-10.84	27.98	10.76	39.45	35.03	156	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15568.90	44.60	54.00	-9.40	28.36	12.58	38.40	34.74	255	100	Average	HORIZONTAL
2	15570.77	58.42	74.00	-15.58	42.18	12.58	38.40	34.74	255	100	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	Loss	Factor	Factor	deg	cm		
1	15567.80	44.61	54.00	-9.39	28.37	12.58	38.40	34.74	344	100	Average	VERTICAL
2	15569.33	58.64	74.00	-15.36	42.40	12.58	38.40	34.74	344	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15690.77	44.75	54.00	-9.25	28.73	12.58	38.23	34.79	97	100	Average	HORIZONTAL
2	15692.13	58.71	74.00	-15.29	42.69	12.58	38.23	34.79	97	100	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	15687.53	58.91	74.00	-15.09	42.88	12.58	38.23	34.78	143	100	Peak	VERTICAL
2	15691.11	44.33	54.00	-9.67	28.31	12.58	38.23	34.79	143	100	Average	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

#### 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	15808.12	58.11	74.00	-15.89	42.30	12.57	38.07	34.83	162	100	Peak	HORIZONTAL
2	15810.14	43.88	54.00	-10.12	28.07	12.57	38.07	34.83	162	100	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	15810.00	43.73	54.00	-10.27	27.92	12.57	38.07	34.83	269	100	Average	VERTICAL
2	15810.20	57.54	74.00	-16.46	41.73	12.57	38.07	34.83	269	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	10617.63	42.48	54.00	-11.52	27.64	10.19	38.92	34.27	128	100 Average	HORIZONTAL
2	10619.15	56.49	74.00	-17.51	41.65	10.19	38.92	34.27	128	100 Peak	HORIZONTAL
3	15929.96	57.84	74.00	-16.16	42.26	12.56	37.90	34.88	179	100 Peak	HORIZONTAL
4	15932.39	43.68	54.00	-10.32	28.10	12.56	37.90	34.88	179	100 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	10617.88	57.07	74.00	-16.93	42.23	10.19	38.92	34.27	136	100 Peak	VERTICAL
2	10618.12	42.49	54.00	-11.51	27.65	10.19	38.92	34.27	136	100 Average	VERTICAL
3	15928.65	43.74	54.00	-10.26	28.16	12.56	37.90	34.88	238	100 Average	VERTICAL
4	15930.23	57.65	74.00	-16.35	42.07	12.56	37.90	34.88	238	100 Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11019.48	42.41	54.00	-11.59	27.85	10.56	39.01	35.01	211	100	Average	HORIZONTAL
2	11022.10	56.89	74.00	-17.11	42.31	10.56	39.03	35.01	211	100	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	11018.98	57.31	74.00	-16.69	42.75	10.56	39.01	35.01	309	100	Peak	VERTICAL
2	11019.45	42.48	54.00	-11.52	27.92	10.56	39.01	35.01	309	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11098.61	42.47	54.00	-11.53	27.82	10.58	39.08	35.01	99	100	Average	HORIZONTAL
2	11100.94	57.24	74.00	-16.76	42.59	10.58	39.08	35.01	99	100	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	Loss	Factor	Factor	deg	cm		
1	11097.99	42.55	54.00	-11.45	27.90	10.58	39.08	35.01	230	100	Average	VERTICAL
2	11098.51	56.50	74.00	-17.50	41.85	10.58	39.08	35.01	230	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11340.20	57.04	74.00	-16.96	42.13	10.66	39.27	35.02	339	100	Peak	HORIZONTAL
2	11340.66	43.16	54.00	-10.84	28.24	10.67	39.27	35.02	339	100	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	11339.83	57.20	74.00	-16.80	42.29	10.66	39.27	35.02	275	100	Peak	VERTICAL
2	11341.54	43.08	54.00	-10.92	28.16	10.67	39.27	35.02	275	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11418.25	43.56	54.00	-10.44	28.57	10.69	39.33	35.03	197	100	Average	HORIZONTAL
2	11420.10	57.58	74.00	-16.42	42.59	10.69	39.33	35.03	197	100	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	11417.71	57.80	74.00	-16.20	42.81	10.69	39.33	35.03	121	100	Peak	VERTICAL
2	11418.08	43.60	54.00	-10.40	28.61	10.69	39.33	35.03	121	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11508.76	57.51	74.00	-16.49	42.42	10.72	39.40	35.03	158	100	Peak	HORIZONTAL
2	11509.19	43.17	54.00	-10.83	28.08	10.72	39.40	35.03	158	100	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	11508.01	43.05	54.00	-10.95	27.96	10.72	39.40	35.03	304	100	Average	VERTICAL
2	11508.65	57.74	74.00	-16.26	42.65	10.72	39.40	35.03	304	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11590.23	57.86	74.00	-16.14	42.68	10.76	39.45	35.03	315	100	Peak	HORIZONTAL
2	11592.22	43.17	54.00	-10.83	27.99	10.76	39.45	35.03	315	100	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	11590.94	43.28	54.00	-10.72	28.10	10.76	39.45	35.03	143	100	Average	VERTICAL
2	11591.09	57.57	74.00	-16.43	42.39	10.76	39.45	35.03	143	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	15628.81	44.48	54.00	-9.52	28.35	12.58	38.31	34.76	103	100	Average	HORIZONTAL
2	15629.79	57.83	74.00	-16.17	41.70	12.58	38.31	34.76	103	100	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	Loss	Factor	Factor	deg	cm		
1	15628.81	44.75	54.00	-9.25	28.62	12.58	38.31	34.76	191	100	Average	VERTICAL
2	15631.23	59.71	74.00	-14.29	43.58	12.58	38.31	34.76	191	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15868.58	57.92	74.00	-16.08	42.24	12.57	37.97	34.86	64	100	Peak	HORIZONTAL
2	15871.90	44.11	54.00	-9.89	28.43	12.57	37.97	34.86	64	100	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	15868.36	57.68	74.00	-16.32	42.00	12.57	37.97	34.86	240	101	Peak	VERTICAL
2	15868.45	44.22	54.00	-9.78	28.54	12.57	37.97	34.86	240	101	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11059.18	42.94	54.00	-11.06	28.33	10.57	39.05	35.01	330	100	Average	HORIZONTAL
2	11062.09	56.46	74.00	-17.54	41.84	10.58	39.05	35.01	330	100	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	11058.18	57.50	74.00	-16.50	42.89	10.57	39.05	35.01	281	100	Peak	VERTICAL
2	11061.26	42.89	54.00	-11.11	28.27	10.58	39.05	35.01	281	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11219.82	55.39	74.00	-18.61	40.61	10.63	39.17	35.02	308	100	Peak	HORIZONTAL
2	11222.04	43.16	54.00	-10.84	28.38	10.63	39.17	35.02	308	100	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	11218.98	56.48	74.00	-17.52	41.70	10.63	39.17	35.02	131	100	Peak	VERTICAL
2	11219.86	43.28	54.00	-10.72	28.50	10.63	39.17	35.02	131	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**Horizontal**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	deg	cm		
1	11380.10	43.26	54.00	-10.74	28.30	10.68	39.31	35.03	104	100	Average	HORIZONTAL
2	11382.22	57.04	74.00	-16.96	42.08	10.68	39.31	35.03	104	100	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	Loss	Factor	Factor	deg	cm		
1	11377.74	43.55	54.00	-10.45	28.61	10.68	39.29	35.03	207	100	Average	VERTICAL
2	11380.52	57.75	74.00	-16.25	42.79	10.68	39.31	35.03	207	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11463.17	57.32	74.00	-16.68	42.29	10.70	39.36	35.03	84	100	Peak	HORIZONTAL
2	11464.70	43.85	54.00	-10.15	28.81	10.70	39.37	35.03	84	100	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	11464.06	43.92	54.00	-10.08	28.88	10.70	39.37	35.03	235	100	Average	VERTICAL
2	11465.18	57.16	74.00	-16.84	42.12	10.70	39.37	35.03	235	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15630.62	44.51	54.00	-9.49	28.38	12.58	38.31	34.76	339	100	Average	HORIZONTAL
2	15631.15	58.95	74.00	-15.05	42.82	12.58	38.31	34.76	339	100	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	15630.60	44.53	54.00	-9.47	28.40	12.58	38.31	34.76	262	100	Average	VERTICAL
2	15632.11	58.36	74.00	-15.64	42.23	12.58	38.31	34.76	262	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	15869.82	43.97	54.00	-10.03	28.29	12.57	37.97	34.86	243	100	Average	HORIZONTAL
2	15870.43	58.07	74.00	-15.93	42.39	12.57	37.97	34.86	243	100	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	15869.90	43.88	54.00	-10.12	28.20	12.57	37.97	34.86	115	100	Average	VERTICAL
2	15870.59	58.71	74.00	-15.29	43.03	12.57	37.97	34.86	115	100	Peak	VERTICAL

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

### 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	11059.06	42.48	54.00	-11.52	27.87	10.57	39.05	35.01	113	100	Average	HORIZONTAL
2	11060.34	57.29	74.00	-16.71	42.67	10.58	39.05	35.01	113	100	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	11058.44	42.56	54.00	-11.44	27.95	10.57	39.05	35.01	46	100	Average	VERTICAL
2	11060.48	56.64	74.00	-17.36	42.02	10.58	39.05	35.01	46	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11219.67	56.65	74.00	-17.35	41.87	10.63	39.17	35.02	203	100	Peak	HORIZONTAL
2	11220.42	42.52	54.00	-11.48	27.74	10.63	39.17	35.02	203	100	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	11220.32	42.54	54.00	-11.46	27.76	10.63	39.17	35.02	127	100	Average	VERTICAL
2	11221.28	56.71	74.00	-17.29	41.93	10.63	39.17	35.02	127	100	Peak	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11378.61	42.97	54.00	-11.03	28.01	10.68	39.31	35.03	187	100	Average	HORIZONTAL
2	11378.88	57.93	74.00	-16.07	42.97	10.68	39.31	35.03	187	100	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	11378.92	57.13	74.00	-16.87	42.17	10.68	39.31	35.03	257	100	Peak	VERTICAL
2	11380.66	43.17	54.00	-10.83	28.21	10.68	39.31	35.03	257	100	Average	VERTICAL



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 22, 2014	<b>Test Mode</b>	Mode 4 (Ant. 5 PCB antenna / 5.74dBi)

**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	11550.33	57.81	74.00	-16.19	42.66	10.75	39.43	35.03	107	100	Peak	HORIZONTAL
2	11550.47	43.12	54.00	-10.88	27.97	10.75	39.43	35.03	107	100	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	11550.74	43.05	54.00	-10.95	27.90	10.75	39.43	35.03	239	100	Average	VERTICAL
2	11552.23	57.58	74.00	-16.42	42.43	10.75	39.43	35.03	239	100	Peak	VERTICAL

**Note:**

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

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

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

## 4.6. Band Edge Emissions Measurement

### 4.6.1. Limit

For transmitters operating in the 5.15-5.35 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.

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

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

Frequencies (MHz)	Field Strength (micровolts/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 the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
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

### 4.6.3. Test Procedures

The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around bandedges.

### 4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

#### 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. Test Result of Band Edge and Fundamental Emissions

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

##### Channel 36

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		deg	cm	
1	5097.03	64.73	74.00	-9.27	61.89	4.31	33.06	34.53	Peak	350	111	VERTICAL
2	5107.16	53.84	54.00	-0.16	50.96	4.32	33.09	34.53	Average	350	111	VERTICAL
3	5186.66	103.04			100.02	4.36	33.19	34.53	Average	350	111	VERTICAL
4	5186.95	113.29			110.27	4.36	33.19	34.53	Peak	350	111	VERTICAL

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

##### Channel 40

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		deg	cm	
1	5120.77	53.92	54.00	-0.08	51.04	4.32	33.09	34.53	Average	29	111	VERTICAL
2	5121.06	65.12	74.00	-8.88	62.24	4.32	33.09	34.53	Peak	29	111	VERTICAL
3	5201.16	112.79			109.73	4.37	33.22	34.53	Peak	29	111	VERTICAL
4	5201.16	102.76			99.70	4.37	33.22	34.53	Average	29	111	VERTICAL

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

##### Channel 48

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		deg	cm	
1	5127.42	46.24	54.00	-7.76	43.33	4.33	33.11	34.53	Average	354	123	VERTICAL
2	5130.90	58.74	74.00	-15.26	55.83	4.33	33.11	34.53	Peak	354	123	VERTICAL
3	5236.96	117.85			114.72	4.39	33.27	34.53	Peak	354	123	VERTICAL
4	5237.40	107.60			104.47	4.39	33.27	34.53	Average	354	123	VERTICAL
5	5357.81	58.67	74.00	-15.33	55.27	4.47	33.46	34.53	Peak	354	123	VERTICAL
6	5357.81	46.19	54.00	-7.81	42.79	4.47	33.46	34.53	Average	354	123	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 52**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.40	57.99	74.00	-16.01	55.04	4.34	33.14	34.53	Peak	6	120	VERTICAL
2	5147.40	45.78	54.00	-8.22	42.83	4.34	33.14	34.53	Average	6	120	VERTICAL
3	5258.70	118.01			114.79	4.42	33.33	34.53	Peak	6	120	VERTICAL
4	5258.70	107.84			104.62	4.42	33.33	34.53	Average	6	120	VERTICAL
5	5359.12	58.44	74.00	-15.56	55.04	4.47	33.46	34.53	Peak	6	120	VERTICAL
6	5379.52	45.84	54.00	-8.16	42.37	4.49	33.51	34.53	Average	6	120	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.26	103.15			99.86	4.44	33.38	34.53	Average	3	103	VERTICAL
2	5298.70	114.09			110.80	4.44	33.38	34.53	Peak	3	103	VERTICAL
3	5378.65	64.19	74.00	-9.81	60.72	4.49	33.51	34.53	Peak	3	103	VERTICAL
4	5378.65	53.80	54.00	-0.20	50.33	4.49	33.51	34.53	Average	3	103	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.26	113.34			110.01	4.45	33.41	34.53	Peak	359	100	VERTICAL
2	5318.26	102.63			99.30	4.45	33.41	34.53	Average	359	100	VERTICAL
3	5398.19	53.99	54.00	-0.01	50.48	4.50	33.54	34.53	Average	359	100	VERTICAL
4	5399.06	64.60	74.00	-9.40	61.09	4.50	33.54	34.53	Peak	359	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014 / Nov. 26, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5418.32	53.99	54.00	-0.01	50.43	4.52	33.57	34.53 Average	1	100	VERTICAL
2	5418.77	64.99	74.00	-9.01	61.43	4.52	33.57	34.53 Peak	1	100	VERTICAL
3	5467.97	58.00	74.00	-16.00	54.33	4.55	33.65	34.53 Peak	1	100	VERTICAL
4	5467.97	44.56	54.00	-9.44	40.89	4.55	33.65	34.53 Average	1	100	VERTICAL
5	5498.26	103.09			99.35	4.57	33.70	34.53 Average	1	100	VERTICAL
6	5498.84	113.63			109.89	4.57	33.70	34.53 Peak	1	100	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

### Channel 140

	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	5698.72	105.90			97.79	6.81	34.68	33.38	334	100 Average	VERTICAL
2	5698.72	115.70			107.59	6.81	34.68	33.38	334	100 Peak	VERTICAL
3	5725.96	67.68	68.20	-0.52	59.53	6.83	34.69	33.37	334	100 Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 149**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5663.77	67.01	68.20	-1.19	62.73	4.67	34.17	34.56 Peak	1	105	VERTICAL
2	5725.00	78.08	78.20	-0.12	73.57	4.72	34.37	34.58 Peak	1	105	VERTICAL
3	5743.55	105.47			100.90	4.73	34.42	34.58 Average	1	105	VERTICAL
4	5743.84	116.09			111.52	4.73	34.42	34.58 Peak	1	105	VERTICAL

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

**Channel 157**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5703.42	68.11	68.20	-0.09	63.65	4.71	34.32	34.57 Peak	358	100	VERTICAL
2	5722.40	58.82	78.20	-19.38	54.31	4.72	34.37	34.58 Peak	358	100	VERTICAL
3	5783.26	105.77			101.08	4.75	34.53	34.59 Average	358	100	VERTICAL
4	5783.55	116.19			111.50	4.75	34.53	34.59 Peak	358	100	VERTICAL
5	5852.89	58.68	78.20	-19.52	53.75	4.80	34.73	34.60 Peak	358	100	VERTICAL
6	5863.76	68.12	68.20	-0.08	63.12	4.81	34.79	34.60 Peak	358	100	VERTICAL

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

**Channel 165**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5823.84	115.80			110.93	4.79	34.68	34.60 Peak	4	100	VERTICAL
2	5823.84	105.35			100.48	4.79	34.68	34.60 Average	4	100	VERTICAL
3	5850.00	66.82	78.20	-11.38	61.89	4.80	34.73	34.60 Peak	4	100	VERTICAL
4	5903.70	68.18	68.20	-0.02	63.07	4.83	34.89	34.61 Peak	4	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5106.87	65.20	74.00	-8.80	62.32	4.32	33.09	34.53	Peak	349	100	VERTICAL
2	5106.87	53.81	54.00	-0.19	50.93	4.32	33.09	34.53	Average	349	100	VERTICAL
3	5181.74	103.40			100.38	4.36	33.19	34.53	Average	349	100	VERTICAL
4	5182.03	113.23			110.21	4.36	33.19	34.53	Peak	349	100	VERTICAL

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

### Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5119.32	63.93	74.00	-10.07	61.05	4.32	33.09	34.53	Peak	16	100	VERTICAL
2	5125.11	53.81	54.00	-0.19	50.90	4.33	33.11	34.53	Average	16	100	VERTICAL
3	5194.79	112.77			109.71	4.37	33.22	34.53	Peak	16	100	VERTICAL
4	5195.08	103.47			100.41	4.37	33.22	34.53	Average	16	100	VERTICAL

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

### Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5124.82	46.13	54.00	-7.87	43.22	4.33	33.11	34.53	Average	22	100	VERTICAL
2	5125.25	58.14	74.00	-15.86	55.23	4.33	33.11	34.53	Peak	22	100	VERTICAL
3	5235.22	116.85			113.72	4.39	33.27	34.53	Peak	22	100	VERTICAL
4	5235.22	107.66			104.53	4.39	33.27	34.53	Average	22	100	VERTICAL
5	5355.64	45.78	54.00	-8.22	42.38	4.47	33.46	34.53	Average	22	100	VERTICAL
6	5370.41	58.43	74.00	-15.57	54.99	4.48	33.49	34.53	Peak	22	100	VERTICAL

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



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 52**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5144.79	57.93	74.00	-16.07	54.98	4.34	33.14	34.53	Peak	28	100	VERTICAL
2	5144.79	45.64	54.00	-8.36	42.69	4.34	33.14	34.53	Average	28	100	VERTICAL
3	5260.43	107.98			104.76	4.42	33.33	34.53	Average	28	100	VERTICAL
4	5265.64	117.79			114.57	4.42	33.33	34.53	Peak	28	100	VERTICAL
5	5373.01	57.81	74.00	-16.19	54.37	4.48	33.49	34.53	Peak	28	100	VERTICAL
6	5375.18	46.39	54.00	-7.61	42.95	4.48	33.49	34.53	Average	28	100	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5301.45	104.62			101.33	4.44	33.38	34.53	Average	339	135	VERTICAL
2	5306.37	114.44			111.15	4.44	33.38	34.53	Peak	339	135	VERTICAL
3	5376.63	64.10	74.00	-9.90	60.66	4.48	33.49	34.53	Peak	339	135	VERTICAL
4	5381.26	53.86	54.00	-0.14	50.39	4.49	33.51	34.53	Average	339	135	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5321.16	113.38			110.05	4.45	33.41	34.53	Peak	348	111	VERTICAL
2	5321.45	103.43			100.10	4.45	33.41	34.53	Average	348	111	VERTICAL
3	5396.60	64.59	74.00	-9.41	61.08	4.50	33.54	34.53	Peak	348	111	VERTICAL
4	5396.60	53.94	54.00	-0.06	50.43	4.50	33.54	34.53	Average	348	111	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 06, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 100**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5421.79	53.88	54.00	-0.12	50.32	4.52	33.57	34.53	Average	353	106	VERTICAL
2	5422.08	65.14	74.00	-8.86	61.58	4.52	33.57	34.53	Peak	353	106	VERTICAL
3	5467.11	45.59	54.00	-8.41	41.92	4.55	33.65	34.53	Average	353	106	VERTICAL
4	5467.40	58.98	74.00	-15.02	55.31	4.55	33.65	34.53	Peak	353	106	VERTICAL
5	5501.74	113.67			109.93	4.57	33.70	34.53	Peak	353	106	VERTICAL
6	5506.95	102.55			98.81	4.57	33.70	34.53	Average	353	106	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5701.60	102.58			94.47	6.81	34.68	33.38	Average	6	100	VERTICAL
2	5701.60	113.42			105.31	6.81	34.68	33.38	Peak	6	100	VERTICAL
3	5725.00	67.99	68.20	-0.21	59.84	6.83	34.69	33.37	Peak	6	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 149**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5662.32	67.29	68.20	-0.91	63.01	4.67	34.17	34.56	Peak	349	100	VERTICAL
2	5723.26	77.81	78.20	-0.39	73.30	4.72	34.37	34.58	Peak	349	100	VERTICAL
3	5747.03	104.18			99.61	4.73	34.42	34.58	Average	349	100	VERTICAL
4	5747.32	115.54			110.97	4.73	34.42	34.58	Peak	349	100	VERTICAL

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

**Channel 157**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5702.26	68.08	68.20	-0.12	63.62	4.71	34.32	34.57	Peak	350	105	VERTICAL
2	5722.40	58.86	78.20	-19.34	54.35	4.72	34.37	34.58	Peak	350	105	VERTICAL
3	5787.03	116.21			111.46	4.76	34.58	34.59	Peak	350	105	VERTICAL
4	5787.03	104.70			99.95	4.76	34.58	34.59	Average	350	105	VERTICAL
5	5851.16	58.44	78.20	-19.76	53.51	4.80	34.73	34.60	Peak	350	105	VERTICAL
6	5871.87	66.67	68.20	-1.53	61.61	4.82	34.84	34.60	Peak	350	105	VERTICAL

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

**Channel 165**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5827.32	105.34			100.47	4.79	34.68	34.60	Average	356	100	VERTICAL
2	5827.60	116.54			111.67	4.79	34.68	34.60	Peak	356	100	VERTICAL
3	5850.00	73.53	78.20	-4.67	68.60	4.80	34.73	34.60	Peak	356	100	VERTICAL
4	5903.13	67.92	68.20	-0.28	62.81	4.83	34.89	34.61	Peak	356	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 36**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5102.24	53.84	54.00	-0.16	51.00	4.31	33.06	34.53	Average	353	100	VERTICAL
2	5106.87	64.89	74.00	-9.11	62.01	4.32	33.09	34.53	Peak	353	100	VERTICAL
3	5177.11	113.34			110.32	4.36	33.19	34.53	Peak	353	100	VERTICAL
4	5182.03	103.26			100.24	4.36	33.19	34.53	Average	353	100	VERTICAL

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

**Channel 40**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5126.56	53.90	54.00	-0.10	50.99	4.33	33.11	34.53	Average	351	220	VERTICAL
2	5126.85	65.02	74.00	-8.98	62.11	4.33	33.11	34.53	Peak	351	220	VERTICAL
3	5202.03	113.10			110.04	4.37	33.22	34.53	Peak	351	220	VERTICAL
4	5202.03	103.38			100.32	4.37	33.22	34.53	Average	351	220	VERTICAL

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

**Channel 48**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5122.21	46.69	54.00	-7.31	43.81	4.32	33.09	34.53	Average	350	125	VERTICAL
2	5125.25	59.28	74.00	-14.72	56.37	4.33	33.11	34.53	Peak	350	125	VERTICAL
3	5242.17	106.73			103.56	4.40	33.30	34.53	Average	350	125	VERTICAL
4	5246.51	117.58			114.41	4.40	33.30	34.53	Peak	350	125	VERTICAL
5	5362.16	46.60	54.00	-7.40	43.16	4.48	33.49	34.53	Average	350	125	VERTICAL
6	5362.59	59.11	74.00	-14.89	55.67	4.48	33.49	34.53	Peak	350	125	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5133.07	59.59	74.00	-14.41	56.68	4.33	33.11	34.53	Peak	348	100	VERTICAL
2	5146.53	46.61	54.00	-7.39	43.66	4.34	33.14	34.53	Average	348	100	VERTICAL
3	5266.51	118.31			115.09	4.42	33.33	34.53	Peak	348	100	VERTICAL
4	5266.51	106.94			103.72	4.42	33.33	34.53	Average	348	100	VERTICAL
5	5373.88	46.56	54.00	-7.44	43.12	4.48	33.49	34.53	Average	348	100	VERTICAL
6	5383.86	59.22	74.00	-14.78	55.75	4.49	33.51	34.53	Peak	348	100	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

### Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5293.59	102.82			95.66	6.37	34.32	33.53	Average	353	101	VERTICAL
2	5293.59	115.57			108.41	6.37	34.32	33.53	Peak	353	101	VERTICAL
3	5373.40	53.54	54.00	-0.46	46.13	6.50	34.41	33.50	Average	353	101	VERTICAL
4	5383.01	65.46	74.00	-8.54	58.01	6.50	34.44	33.49	Peak	353	101	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

### Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5313.27	102.14			94.92	6.40	34.34	33.52	Average	35	123	VERTICAL
2	5322.56	114.89			107.64	6.43	34.34	33.52	Peak	35	123	VERTICAL
3	5350.64	67.25	74.00	-6.75	59.90	6.47	34.39	33.51	Peak	35	123	VERTICAL
4	5393.27	53.68	54.00	-0.32	46.23	6.50	34.44	33.49	Average	35	123	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 100**

	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	5426.41	53.78	54.00	-0.22	46.22	6.56	34.48	33.48	54	123	Average	VERTICAL
2	5426.67	64.74	74.00	-9.26	57.18	6.56	34.48	33.48	54	123	Peak	VERTICAL
3	5470.00	50.95	54.00	-3.05	43.26	6.60	34.55	33.46	54	123	Average	VERTICAL
4	5470.00	66.97	74.00	-7.03	59.28	6.60	34.55	33.46	54	123	Peak	VERTICAL
5	5499.36	114.56			106.78	6.63	34.60	33.45	54	123	Peak	VERTICAL
6	5502.24	102.12			94.32	6.65	34.60	33.45	54	123	Average	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	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	5696.80	113.07			104.96	6.81	34.68	33.38	9	123	Peak	VERTICAL
2	5702.24	100.85			92.74	6.81	34.68	33.38	9	123	Average	VERTICAL
3	5725.00	67.23	74.00	-6.77	59.08	6.83	34.69	33.37	9	123	Peak	VERTICAL
4	5782.37	53.66	54.00	-0.34	45.40	6.90	34.71	33.35	9	123	Average	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 149**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5662.61	67.26	68.20	-0.94	62.98	4.67	34.17	34.56	Peak	350	114	VERTICAL
2	5725.00	78.11	78.20	-0.09	73.60	4.72	34.37	34.58	Peak	350	114	VERTICAL
3	5746.74	115.66			111.09	4.73	34.42	34.58	Peak	350	114	VERTICAL
4	5747.03	105.21			100.64	4.73	34.42	34.58	Average	350	114	VERTICAL

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

**Channel 157**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5706.32	68.08	68.20	-0.12	63.63	4.71	34.32	34.58	Peak	352	124	VERTICAL
2	5720.66	59.63	78.20	-18.57	55.12	4.72	34.37	34.58	Peak	352	124	VERTICAL
3	5786.16	116.89			112.14	4.76	34.58	34.59	Peak	352	124	VERTICAL
4	5787.03	104.88			100.13	4.76	34.58	34.59	Average	352	124	VERTICAL
5	5856.95	66.65	78.20	-11.55	61.65	4.81	34.79	34.60	Peak	352	124	VERTICAL
6	5862.89	67.08	68.20	-1.12	62.08	4.81	34.79	34.60	Peak	352	124	VERTICAL

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

**Channel 165**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5826.45	118.24			113.37	4.79	34.68	34.60	Peak	351	100	VERTICAL
2	5827.03	106.13			101.26	4.79	34.68	34.60	Average	351	100	VERTICAL
3	5850.00	75.40	78.20	-2.80	70.47	4.80	34.73	34.60	Peak	351	100	VERTICAL
4	5903.13	68.11	68.20	-0.09	63.00	4.83	34.89	34.61	Peak	351	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.08	53.55	54.00	-0.45	46.81	6.21	34.11	33.58	35	100	Average	VERTICAL
2	5148.08	67.47	74.00	-6.53	60.73	6.21	34.11	33.58	35	100	Peak	VERTICAL
3	5188.08	106.67			99.84	6.24	34.16	33.57	35	100	Peak	VERTICAL
4	5188.56	97.75			90.92	6.24	34.16	33.57	35	100	Average	VERTICAL

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

### Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5144.79	63.74	74.00	-10.26	60.79	4.34	33.14	34.53	Peak	22	100	VERTICAL
2	5144.79	53.77	54.00	-0.23	50.82	4.34	33.14	34.53	Average	22	100	VERTICAL
3	5235.21	112.22			109.09	4.39	33.27	34.53	Peak	22	100	VERTICAL
4	5235.21	103.31			100.18	4.39	33.27	34.53	Average	22	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

#### Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5265.22	113.87			110.65	4.42	33.33	34.53	Peak	25	100	VERTICAL
2	5265.66	104.41			101.19	4.42	33.33	34.53	Average	25	100	VERTICAL
3	5355.21	53.85	54.00	-0.15	50.45	4.47	33.46	34.53	Average	25	100	VERTICAL
4	5355.64	64.39	74.00	-9.61	60.99	4.47	33.46	34.53	Peak	25	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

#### Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5313.37	100.54			93.32	6.40	34.34	33.52	Average	35	100	VERTICAL
2	5313.37	109.25			102.03	6.40	34.34	33.52	Peak	35	100	VERTICAL
3	5350.00	53.78	54.00	-0.22	46.43	6.47	34.39	33.51	Average	35	100	VERTICAL
4	5353.85	68.08	74.00	-5.92	60.72	6.47	34.39	33.50	Peak	35	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5416.58	61.64	74.00	-12.36	58.08	4.52	33.57	34.53	Peak	346	100	VERTICAL
2	5416.58	50.86	54.00	-3.14	47.30	4.52	33.57	34.53	Average	346	100	VERTICAL
3	5466.53	53.94	54.00	-0.06	50.27	4.55	33.65	34.53	Average	346	100	VERTICAL
4	5467.40	70.24	74.00	-3.76	66.57	4.55	33.65	34.53	Peak	346	100	VERTICAL
5	5506.96	99.45			95.71	4.57	33.70	34.53	Average	346	100	VERTICAL
6	5516.95	109.49			105.69	4.58	33.75	34.53	Peak	346	100	VERTICAL

Item 5, 6 are the fundamental frequency at 5510 MHz.

### Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5454.87	61.51	74.00	-12.49	53.85	6.60	34.53	33.47	Peak	338	100	VERTICAL
2	5460.00	51.67	54.00	-2.33	44.01	6.60	34.53	33.47	Average	338	100	VERTICAL
3	5465.51	53.52	54.00	-0.48	45.83	6.60	34.55	33.46	Average	338	100	VERTICAL
4	5465.51	61.83	74.00	-12.17	54.14	6.60	34.55	33.46	Peak	338	100	VERTICAL
5	5555.77	112.04			104.15	6.70	34.62	33.43	Peak	338	100	VERTICAL
6	5560.26	103.45			95.56	6.70	34.62	33.43	Average	338	100	VERTICAL
7	5725.00	47.13	54.00	-6.87	38.98	6.83	34.69	33.37	Average	338	100	VERTICAL
8	5736.54	59.20	74.00	-14.80	51.01	6.86	34.70	33.37	Peak	338	100	VERTICAL

Item 5, 6 are the fundamental frequency at 5550 MHz.

### Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5666.64	103.05			94.98	6.79	34.67	33.39	Average	319	100	VERTICAL
2	5667.12	112.47			104.40	6.79	34.67	33.39	Peak	319	100	VERTICAL
3	5727.40	67.49	68.20	-0.71	59.34	6.83	34.69	33.37	Peak	319	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 151**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5711.82	68.01	68.20	-0.19	63.56	4.71	34.32	34.58	Peak	350	100	VERTICAL
2	5722.40	73.86	78.20	-4.34	69.35	4.72	34.37	34.58	Peak	350	100	VERTICAL
3	5751.82	98.84			94.20	4.74	34.48	34.58	Average	350	100	VERTICAL
4	5752.40	108.95			104.31	4.74	34.48	34.58	Peak	350	100	VERTICAL

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

**Channel 159**

	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	5712.11	67.58	68.20	-0.62	63.13	4.71	34.32	34.58	353	100	Peak	VERTICAL
2	5722.11	68.41	78.20	-9.79	63.90	4.72	34.37	34.58	353	100	Peak	VERTICAL
3	5797.03	115.12			110.37	4.76	34.58	34.59	353	100	Peak	VERTICAL
4	5797.32	104.94			100.19	4.76	34.58	34.59	353	100	Average	VERTICAL
5	5852.03	71.82	78.20	-6.38	66.89	4.80	34.73	34.60	353	100	Peak	VERTICAL
6	5861.74	67.93	68.20	-0.27	62.93	4.81	34.79	34.60	353	100	Peak	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 38**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5146.09	72.18	74.00	-1.82	69.23	4.34	33.14	34.53	Peak	350	114	VERTICAL
2	5150.00	53.90	54.00	-0.10	50.95	4.34	33.14	34.53	Average	350	114	VERTICAL
3	5186.53	95.04			92.02	4.36	33.19	34.53	Average	350	114	VERTICAL
4	5186.96	110.03			107.01	4.36	33.19	34.53	Peak	350	114	VERTICAL

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

**Channel 46**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5145.66	67.02	74.00	-6.98	64.07	4.34	33.14	34.53	Peak	338	118	VERTICAL
2	5146.09	53.93	54.00	-0.07	50.98	4.34	33.14	34.53	Average	338	118	VERTICAL
3	5226.53	115.26			112.13	4.39	33.27	34.53	Peak	338	118	VERTICAL
4	5226.53	100.31			97.18	4.39	33.27	34.53	Average	338	118	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 54**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5135.24	58.91	74.00	-15.09	56.00	4.33	33.11	34.53	Peak	342	105	VERTICAL
2	5150.00	45.89	54.00	-8.11	42.94	4.34	33.14	34.53	Average	342	105	VERTICAL
3	5266.53	115.49			112.27	4.42	33.33	34.53	Peak	342	105	VERTICAL
4	5266.53	103.63			100.41	4.42	33.33	34.53	Average	342	105	VERTICAL
5	5355.64	65.86	74.00	-8.14	62.46	4.47	33.46	34.53	Peak	342	105	VERTICAL
6	5366.93	52.62	54.00	-1.38	49.18	4.48	33.49	34.53	Average	342	105	VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

**Channel 62**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5306.47	96.66			89.46	6.40	34.32	33.52	Average	44	100	VERTICAL
2	5316.73	109.00			101.78	6.40	34.34	33.52	Peak	44	100	VERTICAL
3	5350.96	53.87	54.00	-0.13	46.52	6.47	34.39	33.51	Average	44	100	VERTICAL
4	5350.96	70.25	74.00	-3.75	62.90	6.47	34.39	33.51	Peak	44	100	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 102**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5426.14	49.36	54.00	-4.64	45.80	4.52	33.57	34.53	Average	335	100	VERTICAL
2	5459.13	62.36	74.00	-11.64	58.73	4.54	33.62	34.53	Peak	335	100	VERTICAL
3	5466.09	70.52	74.00	-3.48	66.85	4.55	33.65	34.53	Peak	335	100	VERTICAL
4	5470.00	53.89	54.00	-0.11	50.22	4.55	33.65	34.53	Average	335	100	VERTICAL
5	5505.66	109.75			106.01	4.57	33.70	34.53	Peak	335	100	VERTICAL
6	5506.53	97.58			93.84	4.57	33.70	34.53	Average	335	100	VERTICAL

Item 5, 6 are the fundamental frequency at 5510 MHz.

**Channel 110**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5456.53	65.05	74.00	-8.95	61.42	4.54	33.62	34.53	Peak	338	132	VERTICAL
2	5457.11	51.55	54.00	-2.45	47.92	4.54	33.62	34.53	Average	338	132	VERTICAL
3	5466.53	53.74	54.00	-0.26	50.07	4.55	33.65	34.53	Average	338	132	VERTICAL
4	5467.11	65.48	74.00	-8.52	61.81	4.55	33.65	34.53	Peak	338	132	VERTICAL
5	5546.53	114.59			110.74	4.59	33.80	34.54	Peak	338	132	VERTICAL
6	5546.53	102.54			98.69	4.59	33.80	34.54	Average	338	132	VERTICAL
7	5725.00	47.05	54.00	-6.95	42.54	4.72	34.37	34.58	Average	338	132	VERTICAL
8	5734.84	60.44	74.00	-13.56	55.87	4.73	34.42	34.58	Peak	338	132	VERTICAL

Item 5, 6 are the fundamental frequency at 5550 MHz.

**Channel 134**

	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	5666.64	102.05			93.98	6.79	34.67	33.39	315	100	Average	VERTICAL
2	5666.64	112.11			104.04	6.79	34.67	33.39	315	100	Peak	VERTICAL
3	5725.96	73.48	74.00	-0.52	65.33	6.83	34.69	33.37	315	100	Peak	VERTICAL
4	5736.54	52.07	54.00	-1.93	43.88	6.86	34.70	33.37	315	100	Average	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 151**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5710.37	67.92	68.20	-0.28	63.47	4.71	34.32	34.58	Peak	342	104	VERTICAL
2	5722.40	75.99	78.20	-2.21	71.48	4.72	34.37	34.58	Peak	342	104	VERTICAL
3	5751.53	109.59			104.95	4.74	34.48	34.58	Peak	342	104	VERTICAL
4	5751.53	97.72			93.08	4.74	34.48	34.58	Average	342	104	VERTICAL

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

**Channel 159**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5711.24	67.33	68.20	-0.87	62.88	4.71	34.32	34.58	Peak	349	120	VERTICAL
2	5722.11	70.11	78.20	-8.09	65.60	4.72	34.37	34.58	Peak	349	120	VERTICAL
3	5791.53	102.48			97.73	4.76	34.58	34.59	Average	349	120	VERTICAL
4	5792.11	114.29			109.54	4.76	34.58	34.59	Peak	349	120	VERTICAL
5	5850.87	74.78	78.20	-3.42	69.85	4.80	34.73	34.60	Peak	349	120	VERTICAL
6	5861.74	67.82	68.20	-0.38	62.82	4.81	34.79	34.60	Peak	349	120	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 25, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.72	53.75	54.00	-0.25	47.01	6.21	34.11	33.58	37	100	Average	VERTICAL
2	5148.72	68.30	74.00	-5.70	61.56	6.21	34.11	33.58	37	100	Peak	VERTICAL
3	5218.97	94.40			87.49	6.27	34.20	33.56	37	100	Average	VERTICAL
4	5222.18	102.57			95.62	6.30	34.20	33.55	37	100	Peak	VERTICAL
5	5350.00	46.14	54.00	-7.86	38.79	6.47	34.39	33.51	37	100	Average	VERTICAL
6	5394.23	58.37	74.00	-15.63	50.92	6.50	34.44	33.49	37	100	Peak	VERTICAL

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

### Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5147.11	57.16	74.00	-16.84	54.21	4.34	33.14	34.53	Peak	27	100	VERTICAL
2	5148.84	44.40	74.00	-29.60	41.45	4.34	33.14	34.53	Peak	27	100	VERTICAL
3	5300.42	95.15			91.86	4.44	33.38	34.53	Average	27	100	VERTICAL
4	5301.00	105.31			102.02	4.44	33.38	34.53	Peak	27	100	VERTICAL
5	5350.00	53.94	54.00	-0.06	50.54	4.47	33.46	34.53	Average	27	100	VERTICAL
6	5350.58	68.67	74.00	-5.33	65.27	4.47	33.46	34.53	Peak	27	100	VERTICAL

Item 3, 4 are the fundamental frequency at 5290 MHz.

### Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5456.38	67.73	74.00	-6.27	64.10	4.54	33.62	34.53	Peak	352	100	VERTICAL
2	5457.11	53.30	54.00	-0.70	49.67	4.54	33.62	34.53	Average	352	100	VERTICAL
3	5461.32	68.06	68.20	-0.14	64.43	4.54	33.62	34.53	Peak	352	100	VERTICAL
4	5516.98	104.53			100.73	4.58	33.75	34.53	Peak	352	100	VERTICAL
5	5516.98	93.69			89.89	4.58	33.75	34.53	Average	352	100	VERTICAL
6	5745.98	59.22	68.20	-8.98	54.65	4.73	34.42	34.58	Peak	352	100	VERTICAL

Item 4, 5 are the fundamental frequency at 5530 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 18, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

### Channel 122

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5603.41	96.57			91.73	6.27	35.45	34.02	VERTICAL	240	100	Average
2	5603.41	104.61			99.77	6.27	35.45	34.02	VERTICAL	240	100	Peak
3	5727.40	48.63	54.00	-5.37	43.44	6.35	35.34	34.18	VERTICAL	240	100	Average
4	5727.40	60.01	74.00	-13.99	54.82	6.35	35.34	34.18	VERTICAL	240	100	Peak

Item 1, 2 are the fundamental frequency at 5610 MHz.

### Channel 138

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5696.95	113.67			109.27	4.70	34.27	34.57	Peak	345	105	VERTICAL
2	5696.95	102.53			98.13	4.70	34.27	34.57	Average	345	105	VERTICAL
3	5852.32	47.89	54.00	-6.11	42.96	4.80	34.73	34.60	Average	345	105	VERTICAL
4	5852.89	59.97	74.00	-14.03	55.04	4.80	34.73	34.60	Peak	345	105	VERTICAL

Item 1, 2 are the fundamental frequency at 5690 MHz.

### Channel 155

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5697.63	68.12	68.20	-0.08	63.72	4.70	34.27	34.57	Peak	350	100	VERTICAL
2	5722.11	71.14	78.20	-7.06	66.63	4.72	34.37	34.58	Peak	350	100	VERTICAL
3	5761.98	104.93			100.29	4.74	34.48	34.58	Peak	350	100	VERTICAL
4	5761.98	94.37			89.73	4.74	34.48	34.58	Average	350	100	VERTICAL
5	5852.17	64.91	78.20	-13.29	59.98	4.80	34.73	34.60	Peak	350	100	VERTICAL
6	5862.17	65.51	68.20	-2.69	60.51	4.81	34.79	34.60	Peak	350	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 18, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 42**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5137.26	71.29	74.00	-2.71	68.38	4.33	33.11	34.53	Peak	348	150	VERTICAL
2	5147.68	53.98	54.00	-0.02	51.03	4.34	33.14	34.53	Average	348	150	VERTICAL
3	5206.53	90.98			87.92	4.37	33.22	34.53	Average	348	150	VERTICAL
4	5207.68	104.99			101.89	4.38	33.25	34.53	Peak	348	150	VERTICAL
5	5358.10	45.20	54.00	-8.80	41.80	4.47	33.46	34.53	Average	348	150	VERTICAL
6	5379.52	58.26	74.00	-15.74	54.79	4.49	33.51	34.53	Peak	348	150	VERTICAL

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

**Channel 58**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5133.79	57.64	74.00	-16.36	54.73	4.33	33.11	34.53	Peak	337	109	VERTICAL
2	5148.26	45.01	54.00	-8.99	42.06	4.34	33.14	34.53	Average	337	109	VERTICAL
3	5286.53	91.92			88.67	4.43	33.35	34.53	Average	337	109	VERTICAL
4	5295.79	106.22			102.93	4.44	33.38	34.53	Peak	337	109	VERTICAL
5	5351.74	70.75	74.00	-3.25	67.35	4.47	33.46	34.53	Peak	337	109	VERTICAL
6	5356.37	53.80	54.00	-0.20	50.40	4.47	33.46	34.53	Average	337	109	VERTICAL

Item 3, 4 are the fundamental frequency at 5290 MHz.

**Channel 106**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5442.37	67.11	74.00	-6.89	59.51	6.56	34.51	33.47	Peak	354	100	VERTICAL
2	5443.97	53.77	54.00	-0.23	46.17	6.56	34.51	33.47	Average	354	100	VERTICAL
3	5463.59	67.02	74.00	-6.98	59.33	6.60	34.55	33.46	Peak	354	100	VERTICAL
4	5470.00	53.21	54.00	-0.79	45.52	6.60	34.55	33.46	Average	354	100	VERTICAL
5	5534.01	91.59			83.74	6.68	34.61	33.44	Average	354	100	VERTICAL
6	5543.62	102.04			94.19	6.68	34.61	33.44	Peak	354	100	VERTICAL
7	5725.00	48.89	54.00	-5.11	40.74	6.83	34.69	33.37	Average	354	100	VERTICAL
8	5745.83	60.61	74.00	-13.39	52.42	6.86	34.70	33.37	Peak	354	100	VERTICAL

Item 5, 6 are the fundamental frequency at 5530 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 07, 2014 / Nov. 26, 2014	<b>Test Mode</b>	Mode 1 (Ant. 1 Dipole antenna / 1dBi)

**Channel 122**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5603.11	105.07			100.23	6.27	35.45	34.02	VERTICAL	240	100	Peak
2	5613.60	91.49			86.61	6.28	35.44	34.04	VERTICAL	240	100	Average
3	5725.00	47.82	54.00	-6.18	42.63	6.35	35.34	34.18	VERTICAL	240	100	Average
4	5727.70	59.90	74.00	-14.10	54.71	6.35	35.34	34.18	VERTICAL	240	100	Peak

Item 1, 2 are the fundamental frequency at 5610 MHz.

**Channel 138**

	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	5686.15	109.97			101.87	6.81	34.68	33.39	5	101	Peak	VERTICAL
2	5686.80	95.84			87.74	6.81	34.68	33.39	5	101	Average	VERTICAL
3	5850.64	49.02	54.00	-4.98	40.66	6.95	34.74	33.33	5	101	Average	VERTICAL
4	5858.97	61.58	74.00	-12.42	53.20	6.97	34.74	33.33	5	101	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5702.70	68.04	68.20	-0.16	63.58	4.71	34.32	34.57	Peak	351	100	VERTICAL
2	5722.11	71.33	78.20	-6.87	66.82	4.72	34.37	34.58	Peak	351	100	VERTICAL
3	5762.70	90.19			85.55	4.74	34.48	34.58	Average	351	100	VERTICAL
4	5764.87	105.35			100.71	4.74	34.48	34.58	Peak	351	100	VERTICAL
5	5852.17	65.00	78.20	-13.20	60.07	4.80	34.73	34.60	Peak	351	100	VERTICAL
6	5863.62	65.86	68.20	-2.34	60.86	4.81	34.79	34.60	Peak	351	100	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 11, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 36

	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	5100.96	53.85	54.00	-0.15	49.04	6.10	33.91	35.20	Average	183	139	VERTICAL
2	5101.92	63.65	74.00	-10.35	58.84	6.10	33.91	35.20	Peak	183	139	VERTICAL
3	5181.28	103.23			98.20	6.15	34.08	35.20	Average	183	139	VERTICAL
4	5181.28	113.48			108.45	6.15	34.08	35.20	Peak	183	139	VERTICAL

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

### Channel 40

	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	5120.83	53.86	54.00	-0.14	49.01	6.11	33.94	35.20	Average	192	134	VERTICAL
2	5120.83	64.57	74.00	-9.43	59.72	6.11	33.94	35.20	Peak	192	134	VERTICAL
3	5201.28	113.68			108.61	6.16	34.11	35.20	Peak	192	134	VERTICAL
4	5201.60	103.30			98.23	6.16	34.11	35.20	Average	192	134	VERTICAL

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

### Channel 48

	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	5121.64	47.75	54.00	-6.25	42.90	6.11	33.94	35.20	Average	180	133	VERTICAL
2	5123.08	59.57	74.00	-14.43	54.71	6.12	33.94	35.20	Peak	180	133	VERTICAL
3	5241.44	111.73			106.57	6.18	34.18	35.20	Average	180	133	VERTICAL
4	5241.92	121.98			116.80	6.20	34.18	35.20	Peak	180	133	VERTICAL
5	5352.89	59.46	74.00	-14.54	53.98	6.26	34.42	35.20	Peak	180	133	VERTICAL
6	5361.54	47.53	54.00	-6.47	42.04	6.27	34.42	35.20	Average	180	133	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 11, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5128.85	58.68	74.00	-15.32	53.78	6.12	33.98	35.20	Peak	210	237	VERTICAL
2	5144.23	46.63	54.00	-7.37	41.69	6.13	34.01	35.20	Average	210	237	VERTICAL
3	5254.23	108.92			103.70	6.20	34.22	35.20	Average	210	237	VERTICAL
4	5263.37	119.89			114.63	6.21	34.25	35.20	Peak	210	237	VERTICAL
5	5365.87	58.73	74.00	-15.27	53.20	6.27	34.46	35.20	Peak	210	237	VERTICAL
6	5384.62	46.09	54.00	-7.91	40.52	6.28	34.49	35.20	Average	210	237	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

### Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5294.23	104.22			98.90	6.23	34.29	35.20	Average	202	235	VERTICAL
2	5294.23	114.79			109.47	6.23	34.29	35.20	Peak	202	235	VERTICAL
3	5383.97	64.82	74.00	-9.18	59.25	6.28	34.49	35.20	Peak	202	235	VERTICAL
4	5384.62	53.79	54.00	-0.21	48.22	6.28	34.49	35.20	Average	202	235	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

### Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5314.23	103.79			98.39	6.24	34.36	35.20	Average	209	234	VERTICAL
2	5314.55	113.93			108.53	6.24	34.36	35.20	Peak	209	234	VERTICAL
3	5394.23	53.76	54.00	-0.24	48.19	6.28	34.49	35.20	Average	209	234	VERTICAL
4	5394.55	63.97	74.00	-10.03	58.39	6.29	34.49	35.20	Peak	209	234	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 11, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 100**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5416.73	53.97	54.00	-0.03	48.30	6.31	34.56	35.20	Average	193	285	VERTICAL
2	5417.37	64.92	74.00	-9.08	59.25	6.31	34.56	35.20	Peak	193	285	VERTICAL
3	5466.80	59.51	74.00	-14.49	53.74	6.34	34.63	35.20	Peak	193	285	VERTICAL
4	5467.44	46.16	54.00	-7.84	40.35	6.34	34.67	35.20	Average	193	285	VERTICAL
5	5497.12	103.24			97.38	6.36	34.70	35.20	Average	193	285	VERTICAL
6	5497.44	114.28			108.42	6.36	34.70	35.20	Peak	193	285	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5706.41	107.28			101.17	6.44	34.87	35.20	Average	175	146	VERTICAL
2	5706.41	116.42			110.31	6.44	34.87	35.20	Peak	175	146	VERTICAL
3	5776.60	67.90	68.20	-0.30	61.71	6.46	34.93	35.20	Peak	175	146	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 11, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

#### Channel 149

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5662.44	67.59	68.20	-0.61	61.54	6.42	34.83	35.20	Peak	183	253 VERTICAL
2	5722.12	77.26	78.20	-0.94	71.14	6.45	34.87	35.20	Peak	183	253 VERTICAL
3	5742.12	105.74			99.59	6.45	34.90	35.20	Average	183	253 VERTICAL
4	5742.12	116.30			110.15	6.45	34.90	35.20	Peak	183	253 VERTICAL

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

#### Channel 157

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5708.01	68.03	68.20	-0.17	61.92	6.44	34.87	35.20	Peak	172	131 VERTICAL
2	5717.95	60.49	78.20	-17.71	54.37	6.45	34.87	35.20	Peak	172	131 VERTICAL
3	5778.27	105.21			99.02	6.46	34.93	35.20	Average	172	131 VERTICAL
4	5778.59	115.96			109.77	6.46	34.93	35.20	Peak	172	131 VERTICAL
5	5850.64	57.78	78.20	-20.42	51.51	6.49	34.98	35.20	Peak	172	131 VERTICAL
6	5869.62	66.00	68.20	-2.20	59.71	6.50	34.99	35.20	Peak	172	131 VERTICAL

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

#### Channel 165

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5827.24	106.49			100.24	6.48	34.97	35.20	Average	181	242 VERTICAL
2	5827.24	117.12			110.87	6.48	34.97	35.20	Peak	181	242 VERTICAL
3	5850.96	66.84	78.20	-11.36	60.57	6.49	34.98	35.20	Peak	181	242 VERTICAL
4	5907.12	67.85	68.20	-0.35	61.51	6.52	35.02	35.20	Peak	181	242 VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 11, 2014 / Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5098.40	53.85	54.00	-0.15	49.04	6.10	33.91	35.20	Average	187	8	VERTICAL
2	5098.72	64.25	74.00	-9.75	59.44	6.10	33.91	35.20	Peak	187	8	VERTICAL
3	5178.72	113.74			108.71	6.15	34.08	35.20	Peak	187	8	VERTICAL
4	5183.53	101.96			96.93	6.15	34.08	35.20	Average	187	8	VERTICAL

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

### Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5118.27	53.30	54.00	-0.70	48.45	6.11	33.94	35.20	Average	190	8	VERTICAL
2	5123.40	64.29	74.00	-9.71	59.43	6.12	33.94	35.20	Peak	190	8	VERTICAL
3	5198.72	102.48			97.41	6.16	34.11	35.20	Average	190	8	VERTICAL
4	5198.72	113.63			108.56	6.16	34.11	35.20	Peak	190	8	VERTICAL

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

### Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4998.08	48.28	54.00	-5.72	43.75	6.03	33.70	35.20	Average	187	3	VERTICAL
2	5003.85	60.68	74.00	-13.32	56.14	6.04	33.70	35.20	Peak	187	3	VERTICAL
3	5238.08	111.51			106.35	6.18	34.18	35.20	Average	187	3	VERTICAL
4	5239.04	120.59			115.43	6.18	34.18	35.20	Peak	187	3	VERTICAL
5	5358.65	59.42	74.00	-14.58	53.94	6.26	34.42	35.20	Peak	187	3	VERTICAL
6	5359.62	47.62	54.00	-6.38	42.14	6.26	34.42	35.20	Average	187	3	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5657.50	66.17	68.20	-2.03	60.12	6.42	34.83	35.20	Peak	182	133	VERTICAL
2	5723.37	78.00	78.20	-0.20	71.86	6.45	34.89	35.20	Peak	182	133	VERTICAL
3	5743.08	104.33			98.18	6.45	34.90	35.20	Average	182	133	VERTICAL
4	5747.89	114.42			108.27	6.45	34.90	35.20	Peak	182	133	VERTICAL
5	5850.00	58.45	78.20	-19.75	52.18	6.49	34.98	35.20	Peak	182	133	VERTICAL
6	5880.10	58.98	68.20	-9.22	52.67	6.50	35.01	35.20	Peak	182	133	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

### Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5702.50	67.43	68.20	-0.77	61.33	6.44	34.86	35.20	Peak	175	138	VERTICAL
2	5721.15	58.89	78.20	-19.31	52.77	6.45	34.87	35.20	Peak	175	138	VERTICAL
3	5777.31	106.60			100.41	6.46	34.93	35.20	Average	175	138	VERTICAL
4	5777.31	116.30			110.11	6.46	34.93	35.20	Peak	175	138	VERTICAL
5	5857.69	66.94	78.20	-11.26	60.66	6.50	34.98	35.20	Peak	175	138	VERTICAL
6	5862.89	66.90	68.20	-1.30	60.61	6.50	34.99	35.20	Peak	175	138	VERTICAL

Item 3, 4 are the fundamental frequency at 5300 MHz.

### Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5823.56	109.12			102.89	6.48	34.95	35.20	Average	180	128	VERTICAL
2	5823.56	119.07			112.84	6.48	34.95	35.20	Peak	180	128	VERTICAL
3	5850.00	77.04	78.20	-1.16	70.77	6.49	34.98	35.20	Peak	180	128	VERTICAL
4	5899.52	67.54	68.20	-0.66	61.21	6.51	35.02	35.20	Peak	180	128	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 100**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5411.92	53.95	54.00	-0.05	48.31	6.31	34.53	35.20	Average	192	287 VERTICAL
2	5412.24	65.02	74.00	-8.98	59.38	6.31	34.53	35.20	Peak	192	287 VERTICAL
3	5467.44	46.29	54.00	-7.71	40.48	6.34	34.67	35.20	Average	192	287 VERTICAL
4	5467.44	60.82	74.00	-13.18	55.01	6.34	34.67	35.20	Peak	192	287 VERTICAL
5	5497.12	102.40			96.54	6.36	34.70	35.20	Average	192	287 VERTICAL
6	5501.60	113.51			107.64	6.36	34.71	35.20	Peak	192	287 VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5701.92	104.95			98.85	6.44	34.86	35.20	Average	180	24 VERTICAL
2	5702.56	116.24			110.14	6.44	34.86	35.20	Peak	180	24 VERTICAL
3	5772.76	67.35	68.20	-0.85	61.18	6.46	34.91	35.20	Peak	180	24 VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 149

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	5657.50	66.17	68.20	-2.03	60.12	6.42	34.83	35.20	Peak	182	133	VERTICAL
2	5723.37	78.00	78.20	-0.20	71.86	6.45	34.89	35.20	Peak	182	133	VERTICAL
3	5743.08	104.33			98.18	6.45	34.90	35.20	Average	182	133	VERTICAL
4	5747.89	114.42			108.27	6.45	34.90	35.20	Peak	182	133	VERTICAL
5	5850.00	58.45	78.20	-19.75	52.18	6.49	34.98	35.20	Peak	182	133	VERTICAL
6	5880.10	58.98	68.20	-9.22	52.67	6.50	35.01	35.20	Peak	182	133	VERTICAL

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

### Channel 157

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	5702.50	67.43	68.20	-0.77	61.33	6.44	34.86	35.20	Peak	175	138	VERTICAL
2	5721.15	58.89	78.20	-19.31	52.77	6.45	34.87	35.20	Peak	175	138	VERTICAL
3	5777.31	106.60			100.41	6.46	34.93	35.20	Average	175	138	VERTICAL
4	5777.31	116.30			110.11	6.46	34.93	35.20	Peak	175	138	VERTICAL
5	5857.69	66.94	78.20	-11.26	60.66	6.50	34.98	35.20	Peak	175	138	VERTICAL
6	5862.89	66.90	68.20	-1.30	60.61	6.50	34.99	35.20	Peak	175	138	VERTICAL

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

### Channel 165

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	5823.56	109.12			102.89	6.48	34.95	35.20	Average	180	128	VERTICAL
2	5823.56	119.07			112.84	6.48	34.95	35.20	Peak	180	128	VERTICAL
3	5850.00	77.04	78.20	-1.16	70.77	6.49	34.98	35.20	Peak	180	128	VERTICAL
4	5899.52	67.54	68.20	-0.66	61.21	6.51	35.02	35.20	Peak	180	128	VERTICAL

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



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 36**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5101.47	65.46	74.00	-8.54	60.65	6.10	33.91	35.20	Peak	185	307	VERTICAL
2	5102.12	53.97	54.00	-0.03	49.16	6.10	33.91	35.20	Average	185	307	VERTICAL
3	5180.96	114.09			109.06	6.15	34.08	35.20	Peak	185	307	VERTICAL
4	5186.41	103.24			98.21	6.15	34.08	35.20	Average	185	307	VERTICAL

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

**Channel 40**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5113.14	65.20	74.00	-8.80	60.35	6.11	33.94	35.20	Peak	185	190	VERTICAL
2	5113.46	53.99	54.00	-0.01	49.14	6.11	33.94	35.20	Average	185	190	VERTICAL
3	5193.27	103.90			98.86	6.16	34.08	35.20	Average	185	190	VERTICAL
4	5203.85	114.20			109.13	6.16	34.11	35.20	Peak	185	190	VERTICAL

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

**Channel 48**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5127.40	59.42	74.00	-14.58	54.52	6.12	33.98	35.20	Peak	172	80	VERTICAL
2	5127.98	47.44	54.00	-6.56	42.54	6.12	33.98	35.20	Average	172	80	VERTICAL
3	5242.40	109.00			103.82	6.20	34.18	35.20	Average	172	80	VERTICAL
4	5247.69	118.97			113.75	6.20	34.22	35.20	Peak	172	80	VERTICAL
5	5351.44	59.16	74.00	-14.84	53.68	6.26	34.42	35.20	Peak	172	80	VERTICAL
6	5355.29	46.80	54.00	-7.20	41.32	6.26	34.42	35.20	Average	172	80	VERTICAL

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



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 52**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5141.83	48.28	54.00	-5.72	43.37	6.13	33.98	35.20	Average	184	318	VERTICAL
2	5143.27	60.28	74.00	-13.72	55.37	6.13	33.98	35.20	Peak	184	318	VERTICAL
3	5257.60	109.44			104.22	6.20	34.22	35.20	Average	184	318	VERTICAL
4	5261.44	119.87			114.64	6.21	34.22	35.20	Peak	184	318	VERTICAL
5	5350.00	47.83	54.00	-6.17	42.35	6.26	34.42	35.20	Average	184	318	VERTICAL
6	5350.00	60.45	74.00	-13.55	54.97	6.26	34.42	35.20	Peak	184	318	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5297.76	104.77			99.42	6.23	34.32	35.20	Average	190	255	VERTICAL
2	5302.56	114.21			108.86	6.23	34.32	35.20	Peak	190	255	VERTICAL
3	5377.89	53.81	54.00	-0.19	48.27	6.28	34.46	35.20	Average	190	255	VERTICAL
4	5383.01	65.60	74.00	-8.40	60.03	6.28	34.49	35.20	Peak	190	255	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5317.76	102.45			97.05	6.24	34.36	35.20	Average	177	115	VERTICAL
2	5317.76	114.05			108.65	6.24	34.36	35.20	Peak	177	115	VERTICAL
3	5401.73	64.35	74.00	-9.65	58.73	6.29	34.53	35.20	Peak	177	115	VERTICAL
4	5402.37	53.81	54.00	-0.19	48.19	6.29	34.53	35.20	Average	177	115	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 100**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5413.46	53.71	54.00	-0.29	48.07	6.31	34.53	35.20	Average	179	313	VERTICAL
2	5421.80	65.37	74.00	-8.63	59.70	6.31	34.56	35.20	Peak	179	313	VERTICAL
3	5467.12	59.44	74.00	-14.56	53.63	6.34	34.67	35.20	Peak	179	313	VERTICAL
4	5470.00	46.43	54.00	-7.57	40.62	6.34	34.67	35.20	Average	179	313	VERTICAL
5	5497.76	102.69			96.83	6.36	34.70	35.20	Average	179	313	VERTICAL
6	5502.24	113.24			107.37	6.36	34.71	35.20	Peak	179	313	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5706.73	104.61			98.50	6.44	34.87	35.20	Average	185	72	VERTICAL
2	5707.05	114.77			108.66	6.44	34.87	35.20	Peak	185	72	VERTICAL
3	5725.00	68.02	68.20	-0.18	61.88	6.45	34.89	35.20	Peak	185	72	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014 / Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 149**

	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	5666.47	65.81	68.20	-2.39	59.76	6.42	34.83	35.20	Peak	172	76	VERTICAL
2	5723.72	78.14	78.20	-0.06	72.00	6.45	34.89	35.20	Peak	172	76	VERTICAL
3	5751.41	104.77			98.62	6.45	34.90	35.20	Average	172	76	VERTICAL
4	5751.41	115.41			109.26	6.45	34.90	35.20	Peak	172	76	VERTICAL

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

**Channel 157**

	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	5707.44	67.98	68.20	-0.22	61.87	6.44	34.87	35.20	Peak	191	63	VERTICAL
2	5724.04	58.04	78.20	-20.16	51.90	6.45	34.89	35.20	Peak	191	63	VERTICAL
3	5778.27	106.20			100.01	6.46	34.93	35.20	Average	191	63	VERTICAL
4	5783.08	116.67			110.48	6.46	34.93	35.20	Peak	191	63	VERTICAL
5	5850.00	59.47	78.20	-18.73	53.20	6.49	34.98	35.20	Peak	191	63	VERTICAL
6	5867.69	67.10	68.20	-1.10	60.81	6.50	34.99	35.20	Peak	191	63	VERTICAL

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

**Channel 165**

	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	5823.08	106.37			100.14	6.48	34.95	35.20	Average	185	62	VERTICAL
2	5827.24	116.64			110.39	6.48	34.97	35.20	Peak	185	62	VERTICAL
3	5850.00	73.16	78.20	-5.04	66.89	6.49	34.98	35.20	Peak	185	62	VERTICAL
4	5907.05	67.96	68.20	-0.24	61.62	6.52	35.02	35.20	Peak	185	62	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 38

	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	5148.40	53.87	54.00	-0.13	48.93	6.13	34.01	35.20	Average	169	151	VERTICAL
2	5149.04	70.08	74.00	-3.92	65.14	6.13	34.01	35.20	Peak	169	151	VERTICAL
3	5193.85	100.56			95.52	6.16	34.08	35.20	Average	169	151	VERTICAL
4	5194.49	110.59			105.52	6.16	34.11	35.20	Peak	169	151	VERTICAL

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

### Channel 46

	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	5147.60	53.90	54.00	-0.10	48.96	6.13	34.01	35.20	Average	188	207	VERTICAL
2	5147.60	63.88	74.00	-10.12	58.94	6.13	34.01	35.20	Peak	188	207	VERTICAL
3	5232.40	114.51			109.35	6.18	34.18	35.20	Peak	188	207	VERTICAL
4	5232.89	104.95			99.79	6.18	34.18	35.20	Average	188	207	VERTICAL
5	5350.00	45.80	54.00	-8.20	40.32	6.26	34.42	35.20	Average	188	207	VERTICAL
6	5365.87	58.63	74.00	-15.37	53.10	6.27	34.46	35.20	Peak	188	207	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 12, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

#### Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5146.64	58.20	74.00	-15.80	53.26	6.13	34.01	35.20	Peak	188	156	VERTICAL
2	5149.52	46.73	54.00	-7.27	41.79	6.13	34.01	35.20	Average	188	156	VERTICAL
3	5263.75	106.27			101.01	6.21	34.25	35.20	Average	188	156	VERTICAL
4	5263.75	116.27			111.01	6.21	34.25	35.20	Peak	188	156	VERTICAL
5	5353.85	64.19	74.00	-9.81	58.71	6.26	34.42	35.20	Peak	188	156	VERTICAL
6	5354.33	53.59	54.00	-0.41	48.11	6.26	34.42	35.20	Average	188	156	VERTICAL

Item 3, 4 are the fundamental frequency at 5270 MHz.

#### Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5305.67	100.68			95.33	6.23	34.32	35.20	Average	178	263	VERTICAL
2	5305.67	109.54			104.19	6.23	34.32	35.20	Peak	178	263	VERTICAL
3	5350.48	53.59	54.00	-0.41	48.11	6.26	34.42	35.20	Average	178	263	VERTICAL
4	5350.48	70.04	74.00	-3.96	64.56	6.26	34.42	35.20	Peak	178	263	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 102

	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	5416.25	62.31	74.00	-11.69	56.64	6.31	34.56	35.20	Peak	184	298	VERTICAL
2	5436.44	50.30	54.00	-3.70	44.58	6.32	34.60	35.20	Average	184	298	VERTICAL
3	5467.12	53.90	54.00	-0.10	48.09	6.34	34.67	35.20	Average	184	298	VERTICAL
4	5467.21	68.03	74.00	-5.97	62.22	6.34	34.67	35.20	Peak	184	298	VERTICAL
5	5506.64	99.47			93.60	6.36	34.71	35.20	Average	184	298	VERTICAL
6	5506.64	109.51			103.64	6.36	34.71	35.20	Peak	184	298	VERTICAL

Item 5, 6 are the fundamental frequency at 5510 MHz.

### Channel 110

	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	5456.73	53.86	54.00	-0.14	48.10	6.33	34.63	35.20	Average	183	302	VERTICAL
2	5456.73	63.89	74.00	-10.11	58.13	6.33	34.63	35.20	Peak	183	302	VERTICAL
3	5466.15	53.65	54.00	-0.35	47.88	6.34	34.63	35.20	Average	183	302	VERTICAL
4	5466.64	65.11	74.00	-8.89	59.34	6.34	34.63	35.20	Peak	183	302	VERTICAL
5	5562.02	104.84			98.91	6.38	34.75	35.20	Average	183	302	VERTICAL
6	5562.02	115.02			109.09	6.38	34.75	35.20	Peak	183	302	VERTICAL

Item 5, 6 are the fundamental frequency at 5550 MHz.

### Channel 134

	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	5665.19	105.17			99.12	6.42	34.83	35.20	Average	175	134	VERTICAL
2	5665.19	115.49			109.44	6.42	34.83	35.20	Peak	175	134	VERTICAL
3	5726.89	67.98	68.20	-0.22	61.84	6.45	34.89	35.20	Peak	175	134	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 151**

	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	5712.05	68.15	68.20	-0.05	62.04	6.44	34.87	35.20	Peak	157	161	VERTICAL
2	5721.67	73.72	78.20	-4.48	67.60	6.45	34.87	35.20	Peak	157	161	VERTICAL
3	5751.47	99.00			92.85	6.45	34.90	35.20	Average	157	161	VERTICAL
4	5751.80	108.92			102.76	6.46	34.90	35.20	Peak	157	161	VERTICAL

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

**Channel 159**

	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	5707.50	67.83	68.20	-0.37	61.72	6.44	34.87	35.20	Peak	175	294	VERTICAL
2	5722.40	69.76	78.20	-8.44	63.64	6.45	34.87	35.20	Peak	175	294	VERTICAL
3	5777.69	106.45			100.26	6.46	34.93	35.20	Average	175	294	VERTICAL
4	5777.69	116.56			110.37	6.46	34.93	35.20	Peak	175	294	VERTICAL
5	5851.73	73.45	78.20	-4.75	67.18	6.49	34.98	35.20	Peak	175	294	VERTICAL
6	5862.31	68.05	68.20	-0.15	61.76	6.50	34.99	35.20	Peak	175	294	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 38**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5142.56	67.82	74.00	-6.18	62.91	6.13	33.98	35.20	Peak	185	311	VERTICAL
2	5149.62	53.73	54.00	-0.27	48.79	6.13	34.01	35.20	Average	185	311	VERTICAL
3	5187.12	110.32			105.29	6.15	34.08	35.20	Peak	185	311	VERTICAL
4	5193.21	97.98			92.94	6.16	34.08	35.20	Average	185	311	VERTICAL

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

**Channel 46**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5133.21	53.77	54.00	-0.23	48.87	6.12	33.98	35.20	Average	182	192	VERTICAL
2	5144.10	69.56	74.00	-4.44	64.62	6.13	34.01	35.20	Peak	182	192	VERTICAL
3	5233.53	104.51			99.35	6.18	34.18	35.20	Average	182	192	VERTICAL
4	5234.17	115.87			110.71	6.18	34.18	35.20	Peak	182	192	VERTICAL

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



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 54**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5266.64	104.62			99.36	6.21	34.25	35.20	Average	179	14	VERTICAL
2	5266.64	115.95			110.69	6.21	34.25	35.20	Peak	179	14	VERTICAL
3	5357.02	66.17	74.00	-7.83	60.69	6.26	34.42	35.20	Peak	179	14	VERTICAL
4	5366.64	53.76	54.00	-0.24	48.23	6.27	34.46	35.20	Average	179	14	VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

**Channel 62**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5313.37	99.58			94.22	6.24	34.32	35.20	Average	176	59	VERTICAL
2	5313.85	111.37			105.97	6.24	34.36	35.20	Peak	176	59	VERTICAL
3	5350.00	53.74	54.00	-0.26	48.26	6.26	34.42	35.20	Average	176	59	VERTICAL
4	5350.87	70.73	74.00	-3.27	65.25	6.26	34.42	35.20	Peak	176	59	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 102

	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	5422.02	50.14	54.00	-3.86	44.47	6.31	34.56	35.20	Average	175	78	VERTICAL
2	5427.31	62.38	74.00	-11.62	56.71	6.31	34.56	35.20	Peak	175	78	VERTICAL
3	5465.67	68.94	74.00	-5.06	63.17	6.34	34.63	35.20	Peak	175	78	VERTICAL
4	5470.00	53.72	54.00	-0.28	47.91	6.34	34.67	35.20	Average	175	78	VERTICAL
5	5499.70	108.16			102.30	6.36	34.70	35.20	Peak	175	78	VERTICAL
6	5506.64	96.95			91.08	6.36	34.71	35.20	Average	175	78	VERTICAL

Item 5, 6 are the fundamental frequency at 5510 MHz.

### Channel 110

	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	5453.21	53.87	54.00	-0.13	48.11	6.33	34.63	35.20	Average	177	62	VERTICAL
2	5455.77	65.49	74.00	-8.51	59.73	6.33	34.63	35.20	Peak	177	62	VERTICAL
3	5463.59	53.19	54.00	-0.81	47.42	6.34	34.63	35.20	Average	177	62	VERTICAL
4	5464.23	68.73	74.00	-5.27	62.96	6.34	34.63	35.20	Peak	177	62	VERTICAL
5	5553.21	103.99			98.06	6.38	34.75	35.20	Average	177	62	VERTICAL
6	5555.77	114.65			108.72	6.38	34.75	35.20	Peak	177	62	VERTICAL
7	5725.00	46.23	54.00	-7.77	40.09	6.45	34.89	35.20	Average	177	62	VERTICAL
8	5738.46	59.60	74.00	-14.40	53.46	6.45	34.89	35.20	Peak	177	62	VERTICAL

Item 5, 6 are the fundamental frequency at 5550 MHz.

### Channel 134

	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	5664.71	113.45			107.40	6.42	34.83	35.20	Peak	180	72	VERTICAL
2	5666.64	101.54			95.48	6.43	34.83	35.20	Average	180	72	VERTICAL
3	5728.17	69.31	74.00	-4.69	63.17	6.45	34.89	35.20	Peak	180	72	VERTICAL
4	5746.44	53.98	54.00	-0.02	47.83	6.45	34.90	35.20	Average	180	72	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 151

	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	5708.91	67.91	68.20	-0.29	61.80	6.44	34.87	35.20	Peak	184	314	VERTICAL
2	5719.87	75.61	78.20	-2.59	69.49	6.45	34.87	35.20	Peak	184	314	VERTICAL
3	5749.23	109.62			103.47	6.45	34.90	35.20	Peak	184	314	VERTICAL
4	5758.53	97.85			91.68	6.46	34.91	35.20	Average	184	314	VERTICAL

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

### Channel 159

	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	5711.80	67.31	68.20	-0.89	61.20	6.44	34.87	35.20	Peak	187	328	VERTICAL
2	5719.87	70.02	78.20	-8.18	63.90	6.45	34.87	35.20	Peak	187	328	VERTICAL
3	5791.47	103.93			97.72	6.47	34.94	35.20	Average	187	328	VERTICAL
4	5791.47	115.33			109.12	6.47	34.94	35.20	Peak	187	328	VERTICAL
5	5850.32	76.92	78.20	-1.28	70.65	6.49	34.98	35.20	Peak	187	328	VERTICAL
6	5860.32	67.96	68.20	-0.24	61.67	6.50	34.99	35.20	Peak	187	328	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 42

	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	5148.46	67.66	74.00	-6.34	62.72	6.13	34.01	35.20	Peak	186	147	VERTICAL
2	5148.94	53.96	54.00	-0.04	49.02	6.13	34.01	35.20	Average	186	147	VERTICAL
3	5198.46	95.48			90.41	6.16	34.11	35.20	Average	186	147	VERTICAL
4	5213.85	105.86			100.74	6.17	34.15	35.20	Peak	186	147	VERTICAL
5	5350.00	45.16	54.00	-8.84	39.68	6.26	34.42	35.20	Average	186	147	VERTICAL
6	5350.00	56.56	74.00	-17.44	51.08	6.26	34.42	35.20	Peak	186	147	VERTICAL

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

### Channel 58

	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	5144.81	57.30	74.00	-16.70	52.36	6.13	34.01	35.20	Peak	184	152	VERTICAL
2	5150.00	45.34	54.00	-8.66	40.40	6.13	34.01	35.20	Average	184	152	VERTICAL
3	5263.56	107.19			101.93	6.21	34.25	35.20	Peak	184	152	VERTICAL
4	5264.04	97.00			91.74	6.21	34.25	35.20	Average	184	152	VERTICAL
5	5353.94	68.33	74.00	-5.67	62.85	6.26	34.42	35.20	Peak	184	152	VERTICAL
6	5354.42	53.77	54.00	-0.23	48.29	6.26	34.42	35.20	Average	184	152	VERTICAL

Item 3, 4 are the fundamental frequency at 5290 MHz.

### Channel 106

	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	5458.53	53.11	54.00	-0.89	47.35	6.33	34.63	35.20	Average	184	37	VERTICAL
2	5458.53	67.06	74.00	-6.94	61.30	6.33	34.63	35.20	Peak	184	37	VERTICAL
3	5468.46	68.07	74.00	-5.93	62.26	6.34	34.67	35.20	Peak	184	37	VERTICAL
4	5469.10	53.78	54.00	-0.22	47.97	6.34	34.67	35.20	Average	184	37	VERTICAL
5	5558.53	95.56			89.63	6.38	34.75	35.20	Average	184	37	VERTICAL
6	5558.85	106.20			100.27	6.38	34.75	35.20	Peak	184	37	VERTICAL

Item 5, 6 are the fundamental frequency at 5530 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 13, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 122

	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	5452.79	65.58	74.00	-8.42	59.82	6.33	34.63	35.20	Peak	175	67	VERTICAL
2	5458.40	49.56	54.00	-4.44	43.80	6.33	34.63	35.20	Average	175	67	VERTICAL
3	5464.39	66.97	68.20	-1.23	61.20	6.34	34.63	35.20	Peak	175	67	VERTICAL
4	5622.82	113.07			107.05	6.41	34.81	35.20	Peak	175	67	VERTICAL
5	5638.85	102.85			96.82	6.41	34.82	35.20	Average	175	67	VERTICAL
6	5737.82	68.16	68.20	-0.04	62.02	6.45	34.89	35.20	Peak	175	67	VERTICAL

Item 4, 5 are the fundamental frequency at 5610 MHz.

### Channel 138

	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	5705.22	104.37			98.27	6.44	34.86	35.20	Average	186	46	VERTICAL
2	5705.22	114.43			108.33	6.44	34.86	35.20	Peak	186	46	VERTICAL
3	5850.00	49.10	54.00	-4.90	42.83	6.49	34.98	35.20	Average	186	46	VERTICAL
4	5870.83	61.24	74.00	-12.76	54.95	6.50	34.99	35.20	Peak	186	46	VERTICAL

Item 1, 2 are the fundamental frequency at 5690 MHz.

### Channel 155

	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	5707.79	68.02	68.20	-0.18	61.91	6.44	34.87	35.20	Peak	182	207	VERTICAL
2	5716.19	69.61	78.20	-8.59	63.50	6.44	34.87	35.20	Peak	182	207	VERTICAL
3	5767.79	95.31			89.14	6.46	34.91	35.20	Average	182	207	VERTICAL
4	5772.60	106.21			100.04	6.46	34.91	35.20	Peak	182	207	VERTICAL
5	5852.40	65.54	78.20	-12.66	59.27	6.49	34.98	35.20	Peak	182	207	VERTICAL
6	5861.60	63.93	68.20	-4.27	57.64	6.50	34.99	35.20	Peak	182	207	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

### Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5142.69	53.76	54.00	-0.24	48.85	6.13	33.98	35.20	Average	195	254	VERTICAL
2	5143.33	70.37	74.00	-3.63	65.43	6.13	34.01	35.20	Peak	195	254	VERTICAL
3	5197.82	92.13			87.06	6.16	34.11	35.20	Average	195	254	VERTICAL
4	5217.69	105.98			100.86	6.17	34.15	35.20	Peak	195	254	VERTICAL
5	5350.39	44.63	54.00	-9.37	39.15	6.26	34.42	35.20	Average	195	254	VERTICAL
6	5362.18	57.14	74.00	-16.86	51.65	6.27	34.42	35.20	Peak	195	254	VERTICAL

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

### Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5257.95	91.96			86.74	6.20	34.22	35.20	Average	181	314	VERTICAL
2	5262.44	107.91			102.68	6.21	34.22	35.20	Peak	181	314	VERTICAL
3	5352.82	53.78	54.00	-0.22	48.30	6.26	34.42	35.20	Average	181	314	VERTICAL
4	5362.82	70.92	74.00	-3.08	65.43	6.27	34.42	35.20	Peak	181	314	VERTICAL

Item 1, 2 are the fundamental frequency at 5290 MHz.

### Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5453.59	68.37	74.00	-5.63	62.61	6.33	34.63	35.20	Peak	190	308	VERTICAL
2	5458.40	52.69	54.00	-1.31	46.93	6.33	34.63	35.20	Average	190	308	VERTICAL
3	5463.59	70.10	74.00	-3.90	64.33	6.34	34.63	35.20	Peak	190	308	VERTICAL
4	5467.60	53.79	54.00	-0.21	47.98	6.34	34.67	35.20	Average	190	308	VERTICAL
5	5553.24	91.52			85.59	6.38	34.75	35.20	Average	190	308	VERTICAL
6	5554.04	104.73			98.80	6.38	34.75	35.20	Peak	190	308	VERTICAL
7	5725.00	57.37	74.00	-16.63	51.23	6.45	34.89	35.20	Peak	190	308	VERTICAL
8	5725.80	45.27	54.00	-8.73	39.13	6.45	34.89	35.20	Average	190	308	VERTICAL

Item 5, 6 are the fundamental frequency at 5530 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Nov. 14, 2014	<b>Test Mode</b>	Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi)

**Channel 122**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5454.23	67.32	74.00	-6.68	61.56	6.33	34.63	35.20	Peak	188	307	VERTICAL
2	5459.36	49.95	54.00	-4.05	44.19	6.33	34.63	35.20	Average	188	307	VERTICAL
3	5468.08	67.41	74.00	-6.59	61.60	6.34	34.67	35.20	Peak	188	307	VERTICAL
4	5470.00	50.81	54.00	-3.19	45.00	6.34	34.67	35.20	Average	188	307	VERTICAL
5	5626.03	113.19			107.17	6.41	34.81	35.20	Peak	188	307	VERTICAL
6	5633.72	98.29			92.27	6.41	34.81	35.20	Average	188	307	VERTICAL
7	5725.00	53.85	54.00	-0.15	47.71	6.45	34.89	35.20	Average	188	307	VERTICAL
8	5725.00	69.03	74.00	-4.97	62.89	6.45	34.89	35.20	Peak	188	307	VERTICAL

Item 5, 6 are the fundamental frequency at 5610 MHz.

**Channel 138**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5664.36	113.44			107.39	6.42	34.83	35.20	Peak	184	312	VERTICAL
2	5713.24	98.74			92.63	6.44	34.87	35.20	Average	184	312	VERTICAL
3	5850.00	47.20	54.00	-6.80	40.93	6.49	34.98	35.20	Average	184	312	VERTICAL
4	5851.06	59.39	74.00	-14.61	53.12	6.49	34.98	35.20	Peak	184	312	VERTICAL

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	PoI/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5707.79	67.99	68.20	-0.21	61.88	6.44	34.87	35.20	Peak	191	63	VERTICAL
2	5717.79	69.26	78.20	-8.94	63.14	6.45	34.87	35.20	Peak	191	63	VERTICAL
3	5747.76	104.57			98.42	6.45	34.90	35.20	Peak	191	63	VERTICAL
4	5778.21	90.63			84.44	6.46	34.93	35.20	Average	191	63	VERTICAL
5	5851.60	64.20	78.20	-14.00	57.93	6.49	34.98	35.20	Peak	191	63	VERTICAL
6	5868.75	64.06	68.20	-4.14	57.77	6.50	34.99	35.20	Peak	191	63	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 05, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 36**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5101.09	53.76	54.00	-0.24	50.92	4.31	33.06	34.53	Average	355	183	VERTICAL
2	5101.66	64.44	74.00	-9.56	61.60	4.31	33.06	34.53	Peak	355	183	VERTICAL
3	5181.16	111.66			108.64	4.36	33.19	34.53	Peak	355	183	VERTICAL
4	5181.16	101.93			98.91	4.36	33.19	34.53	Average	355	183	VERTICAL

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

**Channel 40**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5121.35	64.80	74.00	-9.20	61.92	4.32	33.09	34.53	Peak	353	192	VERTICAL
2	5121.35	53.94	54.00	-0.06	51.06	4.32	33.09	34.53	Average	353	192	VERTICAL
3	5201.16	102.20			99.14	4.37	33.22	34.53	Average	353	192	VERTICAL
4	5202.03	112.43			109.37	4.37	33.22	34.53	Peak	353	192	VERTICAL

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

**Channel 48**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	62.44	74.00	-11.56	59.49	4.34	33.14	34.53	Peak	353	196	VERTICAL
2	5150.00	50.35	54.00	-3.65	47.40	4.34	33.14	34.53	Average	353	196	VERTICAL
3	5240.87	123.59			120.46	4.39	33.27	34.53	Peak	353	196	VERTICAL
4	5241.45	114.30			111.17	4.39	33.27	34.53	Average	353	196	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 06, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 52**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5258.55	123.03			119.81	4.42	33.33	34.53	Peak	355	192	VERTICAL
2	5259.13	114.09			110.87	4.42	33.33	34.53	Average	355	192	VERTICAL
3	5350.00	48.57	54.00	-5.43	45.17	4.47	33.46	34.53	Average	355	192	VERTICAL
4	5350.87	60.76	74.00	-13.24	57.36	4.47	33.46	34.53	Peak	355	192	VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz.

**Channel 60**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5300.87	114.86			111.57	4.44	33.38	34.53	Peak	354	194	VERTICAL
2	5301.16	104.80			101.51	4.44	33.38	34.53	Average	354	194	VERTICAL
3	5381.26	53.98	54.00	-0.02	50.51	4.49	33.51	34.53	Average	354	194	VERTICAL
4	5381.55	65.23	74.00	-8.77	61.76	4.49	33.51	34.53	Peak	354	194	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.84	114.67			111.34	4.45	33.41	34.53	Peak	356	200	VERTICAL
2	5319.13	104.23			100.90	4.45	33.41	34.53	Average	356	200	VERTICAL
3	5398.63	64.89	74.00	-9.11	61.38	4.50	33.54	34.53	Peak	356	200	VERTICAL
4	5398.91	53.95	54.00	-0.05	50.44	4.50	33.54	34.53	Average	356	200	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.



<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 06, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 100**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5418.32	53.76	54.00	-0.24	50.20	4.52	33.57	34.53	Average	357	191	VERTICAL
2	5419.19	64.72	74.00	-9.28	61.16	4.52	33.57	34.53	Peak	357	191	VERTICAL
3	5461.32	58.48	74.00	-15.52	54.85	4.54	33.62	34.53	Peak	357	191	VERTICAL
4	5467.40	44.57	54.00	-9.43	40.90	4.55	33.65	34.53	Average	357	191	VERTICAL
5	5498.26	112.80			109.06	4.57	33.70	34.53	Peak	357	191	VERTICAL
6	5498.84	101.76			98.02	4.57	33.70	34.53	Average	357	191	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5697.11	101.01			96.61	4.70	34.27	34.57	Average	358	197	VERTICAL
2	5698.26	112.08			107.68	4.70	34.27	34.57	Peak	358	197	VERTICAL
3	5777.68	66.95	74.00	-7.05	62.25	4.75	34.53	34.58	Peak	358	197	VERTICAL
4	5777.68	53.74	54.00	-0.26	49.04	4.75	34.53	34.58	Average	358	197	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 06, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 149**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5662.03	67.87	68.20	-0.33	63.59	4.67	34.17	34.56	Peak	358	193	VERTICAL
2	5724.71	78.14	78.20	-0.06	73.63	4.72	34.37	34.58	Peak	358	193	VERTICAL
3	5742.11	107.16			102.59	4.73	34.42	34.58	Average	358	193	VERTICAL
4	5743.26	116.71			112.14	4.73	34.42	34.58	Peak	358	193	VERTICAL

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

**Channel 157**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5712.40	68.15	68.20	-0.05	63.70	4.71	34.32	34.58	Peak	359	196	VERTICAL
2	5722.68	59.42	78.20	-18.78	54.91	4.72	34.37	34.58	Peak	359	196	VERTICAL
3	5782.11	107.74			103.05	4.75	34.53	34.59	Average	359	196	VERTICAL
4	5783.26	117.51			112.82	4.75	34.53	34.59	Peak	359	196	VERTICAL
5	5859.71	63.21	78.20	-14.99	58.21	4.81	34.79	34.60	Peak	359	196	VERTICAL
6	5863.31	67.97	68.20	-0.23	62.97	4.81	34.79	34.60	Peak	359	196	VERTICAL

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

**Channel 165**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5822.11	107.81			102.94	4.79	34.68	34.60	Average	358	196	VERTICAL
2	5823.26	117.69			112.82	4.79	34.68	34.60	Peak	358	196	VERTICAL
3	5851.16	65.95	78.20	-12.25	61.02	4.80	34.73	34.60	Peak	358	196	VERTICAL
4	5902.55	68.06	68.20	-0.14	62.95	4.83	34.89	34.61	Peak	358	196	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 07, 2014 / Dec. 11, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5097.60	65.17	74.00	-8.83	60.36	6.10	33.91	35.20	Peak	148	3	VERTICAL
2	5102.80	53.87	54.00	-0.13	49.06	6.10	33.91	35.20	Average	148	3	VERTICAL
3	5181.20	111.37			106.34	6.15	34.08	35.20	Peak	148	3	VERTICAL
4	5182.80	101.15			96.12	6.15	34.08	35.20	Average	148	3	VERTICAL

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

### Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5118.80	53.77	54.00	-0.23	48.92	6.11	33.94	35.20	Average	177	357	VERTICAL
2	5126.40	64.91	74.00	-10.09	60.01	6.12	33.98	35.20	Peak	177	357	VERTICAL
3	5198.80	101.90			96.83	6.16	34.11	35.20	Average	177	357	VERTICAL
4	5206.00	112.76			107.69	6.16	34.11	35.20	Peak	177	357	VERTICAL

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

### Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5150.00	61.62	74.00	-12.38	58.67	4.34	33.14	34.53	Peak	360	173	VERTICAL
2	5150.00	49.78	54.00	-4.22	46.83	4.34	33.14	34.53	Average	360	173	VERTICAL
3	5238.84	107.68			104.55	4.39	33.27	34.53	Average	360	173	VERTICAL
4	5242.60	122.34			119.17	4.40	33.30	34.53	Peak	360	173	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 07, 2014 / Dec. 11, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5258.84	107.33			104.11	4.42	33.33	34.53	Average	0	192	VERTICAL
2	5263.76	121.64			118.42	4.42	33.33	34.53	Peak	0	192	VERTICAL
3	5350.00	59.90	74.00	-14.10	56.50	4.47	33.46	34.53	Peak	0	192	VERTICAL
4	5350.00	48.59	54.00	-5.41	45.19	4.47	33.46	34.53	Average	0	192	VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz.

### Channel 60

	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	5297.60	104.02			98.67	6.23	34.32	35.20	Average	166	3	VERTICAL
2	5297.60	115.21			109.86	6.23	34.32	35.20	Peak	166	3	VERTICAL
3	5387.60	64.67	74.00	-9.33	59.10	6.28	34.49	35.20	Peak	166	3	VERTICAL
4	5388.00	53.80	54.00	-0.20	48.23	6.28	34.49	35.20	Average	166	3	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

### Channel 64

	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	5318.20	103.01			97.61	6.24	34.36	35.20	Average	186	7	VERTICAL
2	5318.80	113.47			108.07	6.24	34.36	35.20	Peak	186	7	VERTICAL
3	5398.60	53.88	54.00	-0.12	48.30	6.29	34.49	35.20	Average	186	7	VERTICAL
4	5398.60	63.86	74.00	-10.14	58.28	6.29	34.49	35.20	Peak	186	7	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 11, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 100**

	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	5412.00	53.89	54.00	-0.11	48.25	6.31	34.53	35.20	Average	173	1	VERTICAL
2	5417.20	64.98	74.00	-9.02	59.31	6.31	34.56	35.20	Peak	173	1	VERTICAL
3	5462.00	60.26	74.00	-13.74	54.50	6.33	34.63	35.20	Peak	173	1	VERTICAL
4	5466.80	46.81	54.00	-7.19	41.04	6.34	34.63	35.20	Average	173	1	VERTICAL
5	5498.80	112.57			106.71	6.36	34.70	35.20	Peak	173	1	VERTICAL
6	5502.40	101.23			95.36	6.36	34.71	35.20	Average	173	1	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

	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	5702.40	115.75			109.65	6.44	34.86	35.20	Peak	156	0	VERTICAL
2	5707.20	104.69			98.58	6.44	34.87	35.20	Average	156	0	VERTICAL
3	5725.00	67.86	68.20	-0.34	61.72	6.45	34.89	35.20	Peak	160	0	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 07, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 149**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5668.69	67.42	68.20	-0.78	63.08	4.68	34.22	34.56 Peak	0	179	VERTICAL
2	5722.97	78.07	78.20	-0.13	73.56	4.72	34.37	34.58 Peak	0	179	VERTICAL
3	5743.84	116.24			111.67	4.73	34.42	34.58 Peak	0	179	VERTICAL
4	5743.84	100.84			96.27	4.73	34.42	34.58 Average	0	179	VERTICAL

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

**Channel 157**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5698.79	67.77	68.20	-0.43	63.37	4.70	34.27	34.57 Peak	0	188	VERTICAL
2	5722.97	61.56	78.20	-16.64	57.05	4.72	34.37	34.58 Peak	0	188	VERTICAL
3	5783.84	114.47			109.78	4.75	34.53	34.59 Peak	0	188	VERTICAL
4	5786.16	100.79			96.04	4.76	34.58	34.59 Average	0	188	VERTICAL
5	5850.00	61.33	78.20	-16.87	56.40	4.80	34.73	34.60 Peak	0	188	VERTICAL
6	5863.60	66.90	68.20	-1.30	61.90	4.81	34.79	34.60 Peak	0	188	VERTICAL

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

**Channel 165**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5823.84	116.35			111.48	4.79	34.68	34.60 Peak	0	171	VERTICAL
2	5826.45	102.14			97.27	4.79	34.68	34.60 Average	0	171	VERTICAL
3	5850.00	72.91	78.20	-5.29	67.98	4.80	34.73	34.60 Peak	0	171	VERTICAL
4	5903.13	68.03	68.20	-0.17	62.92	4.83	34.89	34.61 Peak	0	171	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

**Channel 36**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5102.24	53.60	54.00	-0.40	50.84	4.23	33.06	34.53	Average	5	100	VERTICAL
2	5105.14	64.85	74.00	-9.15	62.09	4.23	33.06	34.53	Peak	5	100	VERTICAL
3	5178.55	112.80			109.87	4.27	33.19	34.53	Peak	5	100	VERTICAL
4	5182.03	101.66			98.73	4.27	33.19	34.53	Average	5	100	VERTICAL

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

**Channel 40**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5119.61	64.92	74.00	-9.08	62.12	4.24	33.09	34.53	Peak	4	150	VERTICAL
2	5122.21	53.86	54.00	-0.14	51.06	4.24	33.09	34.53	Average	4	150	VERTICAL
3	5202.03	103.04			100.07	4.28	33.22	34.53	Average	4	150	VERTICAL
4	5204.34	114.88			111.91	4.28	33.22	34.53	Peak	4	150	VERTICAL

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

**Channel 48**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	T/Pos	A/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5113.97	62.61	74.00	-11.39	59.81	4.24	33.09	34.53	Peak	0	176	VERTICAL
2	5126.12	49.57	54.00	-4.43	46.74	4.25	33.11	34.53	Average	0	176	VERTICAL
3	5233.49	111.08			108.04	4.30	33.27	34.53	Average	0	176	VERTICAL
4	5235.66	121.81			118.77	4.30	33.27	34.53	Peak	0	176	VERTICAL
5	5351.74	48.20	54.00	-5.80	44.92	4.35	33.46	34.53	Average	0	176	VERTICAL
6	5354.78	59.96	74.00	-14.04	56.68	4.35	33.46	34.53	Peak	0	176	VERTICAL

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

<b>Temperature</b>	24.5°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Akina Chiu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
<b>Test Date</b>	Dec. 08, 2014	<b>Test Mode</b>	Mode 3 (Ant. 4 Panel antenna / 9.2dBi)

### Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5141.75	61.87	74.00	-12.13	59.00	4.26	33.14	34.53	Peak	5	145	VERTICAL
2	5148.26	49.72	54.00	-4.28	46.85	4.26	33.14	34.53	Average	5	145	VERTICAL
3	5262.17	112.19			109.08	4.31	33.33	34.53	Average	5	145	VERTICAL
4	5264.34	123.05			119.94	4.31	33.33	34.53	Peak	5	145	VERTICAL
5	5371.71	48.07	54.00	-5.93	44.75	4.36	33.49	34.53	Average	5	145	VERTICAL
6	5376.92	60.45	74.00	-13.55	57.13	4.36	33.49	34.53	Peak	5	145	VERTICAL

Item 3, 4 are the fundamental frequency at 5260 MHz.

### Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5297.68	104.96			101.78	4.33	33.38	34.53	Average	8	157	VERTICAL
2	5302.89	114.99			111.81	4.33	33.38	34.53	Peak	8	157	VERTICAL
3	5377.50	53.96	54.00	-0.04	50.61	4.37	33.51	34.53	Average	8	157	VERTICAL
4	5382.42	65.37	74.00	-8.63	62.02	4.37	33.51	34.53	Peak	8	157	VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

### Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5317.68	105.30			102.09	4.33	33.41	34.53	Average	9	188	VERTICAL
2	5324.05	115.79			112.58	4.33	33.41	34.53	Peak	9	188	VERTICAL
3	5397.47	53.92	54.00	-0.08	50.54	4.37	33.54	34.53	Average	9	188	VERTICAL
4	5398.91	65.23	74.00	-8.77	61.85	4.37	33.54	34.53	Peak	9	188	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.