Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	15809.13	45.16	54.00	-8.84	28.50	12.57	38.07	33.98	78	150	Average	HORIZONTAL
2	15810.98	58.43	74.00	-15.57	41.77	12.57	38.07	33.98	78	150	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	15809.04	58.64	74.00	-15.36	41.98	12.57	38.07	33.98	38	150	Peak	VERTICAL
2	15810.85	45.36	54.00	-8.64	28.70	12.57	38.07	33.98	38	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	10619.17	43.39	54.00	-10.61	27.90	10.19	38.92	33.62	148	150	Average	HORIZONTAL
2	10620.16	57.06	74.00	-16.94	41.57	10.19	38.92	33.62	148	150	Peak	HORIZONTAL
3	15930.54	45.11	54.00	-8.89	28.75	12.56	37.90	34.10	114	150	Average	HORIZONTAL
4	15930.78	58.59	74.00	-15.41	42.23	12.56	37.90	34.10	114	150	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	10619.34	56.53	74.00	-17.47	41.04	10.19	38.92	33.62	108	150	Peak	VERTICAL
2	10620.26	43.58	54.00	-10.42	28.09	10.19	38.92	33.62	108	150	Average	VERTICAL
3	15929.23	45.40	54.00	-8.60	29.02	12.56	37.90	34.08	147	150	Average	VERTICAL
4	15929.43	59.10	74.00	-14.90	42.72	12.56	37.90	34.08	147	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11019.71	56.65	74.00	-17.35	40.46	10.56	39.01	33.38	303	150	Peak	HORIZONTAL
2	11020.97	44.00	54.00	-10.00	27.81	10.56	39.01	33.38	303	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.02	58.11	74.00	-15.89	41.92	10.56	39.01	33.38	181	150	Peak	VERTICAL
2	11020.53	44.77	54.00	-9.23	28.58	10.56	39.01	33.38	181	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11099.11	43.95	54.00	-10.05	27.67	10.58	39.08	33.38	222	150	Average	HORIZONTAL
2	11100.50	57.18	74.00	-16.82	40.90	10.58	39.08	33.38	222	150	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	11099.19	56.72	74.00	-17.28	40.44	10.58	39.08	33.38	331	150	Peak	VERTICAL
2	11099.27	44.20	54.00	-9.80	27.92	10.58	39.08	33.38	331	150	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11340.40	58.19	74.00	-15.81	41.62	10.67	39.27	33.37	117	150	Peak	HORIZONTAL
2	11340.47	44.41	54.00	-9.59	27.84	10.67	39.27	33.37	117	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11339.77	57.90	74.00	-16.10	41.34	10.66	39.27	33.37	181	150	Peak	VERTICAL
2	11340.10	44.64	54.00	-9.36	28.08	10.66	39.27	33.37	181	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11419.66	57.94	74.00	-16.06	41.29	10.69	39.33	33.37	196	150	Peak	HORIZONTAL
2	11420.37	44.60	54.00	-9.40	27.95	10.69	39.33	33.37	196	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11419.75	59.86	74.00	-14.14	43.21	10.69	39.33	33.37	75	150	Peak	VERTICAL
2	11420.77	45.85	54.00	-8.15	29.20	10.69	39.33	33.37	75	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	15869.00	45.14	54.00	-8.86	28.63	12.57	37.97	34.03	284	150	Average	HORIZONTAL
2	15870.76	58.53	74.00	-15.47	42.02	12.57	37.97	34.03	284	150	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	15869.77	57.71	74.00	-16.29	41.20	12.57	37.97	34.03	231	150	Peak	VERTICAL
2	15870.45	45.25	54.00	-8.75	28.74	12.57	37.97	34.03	231	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11060.82	43.98	54.00	-10.02	27.73	10.58	39.05	33.38	289	150	Average	HORIZONTAL
2	11060.94	56.32	74.00	-17.68	40.07	10.58	39.05	33.38	289	150	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	11059.10	57.54	74.00	-16.46	41.30	10.57	39.05	33.38	259	150	Peak	VERTICAL
2	11060.43	43.90	54.00	-10.10	27.65	10.58	39.05	33.38	259	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11219.58	43.84	54.00	-10.16	27.42	10.63	39.17	33.38	251	150	Average	HORIZONTAL
2	11220.98	56.32	74.00	-17.68	39.90	10.63	39.17	33.38	251	150	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	11220.61	56.93	74.00	-17.07	40.51	10.63	39.17	33.38	323	150	Peak	VERTICAL
2	11220.99	43.90	54.00	-10.10	27.48	10.63	39.17	33.38	323	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11379.33	57.32	74.00	-16.68	40.70	10.68	39.31	33.37	151	150	Peak	HORIZONTAL
2	11380.77	44.57	54.00	-9.43	27.95	10.68	39.31	33.37	151	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11379.39	57.60	74.00	-16.40	40.98	10.68	39.31	33.37	106	150	Peak	VERTICAL
2	11380.48	44.47	54.00	-9.53	27.85	10.68	39.31	33.37	106	150	Average	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15755.80	45.77	54.00	-8.23	28.99	12.57	38.14	33.93	65	196	Average	HORIZONTAL
2	15794.42	61.07	74.00	-12.93	44.36	12.57	38.09	33.95	65	196	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15775.87	47.28	54.00	-6.72	30.53	12.57	38.11	33.93	298	203	Average	VERTICAL
2	15779.58	60.63	74.00	-13.37	43.90	12.57	38.11	33.95	298	203	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 60 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10595.24	57.22	74.00	-16.78	41.77	10.16	38.92	33.63	59	196	Peak	HORIZONTAL
2	10599.03	43.82	54.00	-10.18	28.37	10.16	38.92	33.63	59	196	Average	HORIZONTAL
3	15898.98	45.73	54.00	-8.27	29.27	12.57	37.94	34.05	32	196	Average	HORIZONTAL
4	15900.36	59.41	74.00	-14.59	42.95	12.57	37.94	34.05	32	196	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10595.80	43.86	54.00	-10.14	28.41	10.16	38.92	33.63	55	181	Average	VERTICAL
2	10596.30	57.13	74.00	-16.87	41.68	10.16	38.92	33.63	55	181	Peak	VERTICAL
3	15896.93	59.60	74.00	-14.40	43.14	12.57	37.94	34.05	57	183	Peak	VERTICAL
4	15905.11	45.93	54.00	-8.07	29.53	12.56	37.92	34.08	57	183	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 64 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10632.05	54.85	74.00	-19.15	39.31	10.21	38.93	33.60	119	171	Peak	HORIZONTAL
2	10633.97	43.07	54.00	-10.93	27.53	10.21	38.93	33.60	119	171	Average	HORIZONTAL
3	15953.69	44.52	54.00	-9.48	28.21	12.56	37.85	34.10	17	171	Average	HORIZONTAL
4	15962.02	56.39	74.00	-17.61	40.11	12.56	37.85	34.13	17	171	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	10630.16	42.93	54.00	-11.07	27.40	10.21	38.92	33.60	350	171	Average	VERTICAL
2	10637.69	55.81	74.00	-18.19	40.27	10.21	38.93	33.60	350	171	Peak	VERTICAL
3	15952.92	44.66	54.00	-9.34	28.35	12.56	37.85	34.10	37	171	Average	VERTICAL
4	15961.09	57.36	74.00	-16.64	41.08	12.56	37.85	34.13	37	171	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10998.59	43.47	54.00	-10.53	27.30	10.55	39.00	33.38	49	171	Average	HORIZONTAL
2	11006.73	57.47	74.00	-16.53	41.29	10.55	39.01	33.38	49	171	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	10995.64	43.42	54.00	-10.58	27.25	10.55	39.00	33.38	334	171	Average	VERTICAL
2	11007.92	56.35	74.00	-17.65	40.17	10.55	39.01	33.38	334	171	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 116 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11159.13	56.60	74.00	-17.40	40.25	10.60	39.13	33.38	302	171	Peak	HORIZONTAL
2	11169.78	43.26	54.00	-10.74	26.90	10.61	39.13	33.38	302	171	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	11153.49	57.10	74.00	-16.90	40.76	10.60	39.12	33.38	160	171	Peak	VERTICAL
2	11154.68	43.51	54.00	-10.49	27.17	10.60	39.12	33.38	160	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 140 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11400.71	44.01	54.00	-9.99	27.37	10.69	39.32	33.37	78	171	Average	HORIZONTAL
2	11403.91	56.79	74.00	-17.21	40.15	10.69	39.32	33.37	78	171	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	11393.04	57.12	74.00	-16.88	40.49	10.69	39.31	33.37	199	171	Peak	VERTICAL
2	11404.01	44.32	54.00	-9.68	27.68	10.69	39.32	33.37	199	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11444.84	44.31	54.00	-9.69	27.63	10.70	39.35	33.37	15	171	Average	HORIZONTAL
2	11448.24	57.03	74.00	-16.97	40.34	10.70	39.36	33.37	15	171	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	11432.76	56.69	74.00	-17.31	40.02	10.69	39.35	33.37	34	171	Peak	VERTICAL
2	11441.12	44.28	54.00	-9.72	27.61	10.69	39.35	33.37	34	171	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15803.69	57.30	74.00	-16.70	40.64	12.57	38.07	33.98	37	171	Peak	HORIZONTAL
2	15812.02	44.73	54.00	-9.27	28.07	12.57	38.07	33.98	37	171	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	15809.62	44.61	54.00	-9.39	27.95	12.57	38.07	33.98	339	171	Average	VERTICAL
2	15812.69	57.70	74.00	-16.30	41.04	12.57	38.07	33.98	339	171	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 62 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10613.17	56.51	74.00	-17.49	41.02	10.19	38.92	33.62	16	171	Peak	HORIZONTAL
2	10618.40	43.18	54.00	-10.82	27.69	10.19	38.92	33.62	16	171	Average	HORIZONTAL
3	15928.88	45.08	54.00	-8.92	28.70	12.56	37.90	34.08	269	171	Average	HORIZONTAL
4	15934.97	57.93	74.00	-16.07	41.60	12.56	37.87	34.10	269	171	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	10622.37	55.61	74.00	-18.39	40.12	10.19	38.92	33.62	274	171	Peak	VERTICAL
2	10628.08	43.26	54.00	-10.74	27.73	10.21	38.92	33.60	274	171	Average	VERTICAL
3	15926.76	57.92	74.00	-16.08	41.54	12.56	37.90	34.08	109	171	Peak	VERTICAL
4	15939.36	44.92	54.00	-9.08	28.59	12.56	37.87	34.10	109	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11015.32	56.25	74.00	-17.75	40.06	10.56	39.01	33.38	229	171	Peak	HORIZONTAL
2	11024.29	43.49	54.00	-10.51	27.28	10.56	39.03	33.38	229	171	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	11017.63	56.22	74.00	-17.78	40.03	10.56	39.01	33.38	351	171	Peak	VERTICAL
2	11024.10	43.46	54.00	-10.54	27.25	10.56	39.03	33.38	351	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 110 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11099.29	56.77	74.00	-17.23	40.49	10.58	39.08	33.38	49	171	Peak	HORIZONTAL
2	11102.82	43.62	54.00	-10.38	27.34	10.58	39.08	33.38	49	171	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	11090.54	56.62	74.00	-17.38	40.34	10.58	39.08	33.38	162	171	Peak	VERTICAL
2	11093.81	43.48	54.00	-10.52	27.20	10.58	39.08	33.38	162	171	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 134 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11333.91	56.82	74.00	-17.18	40.26	10.66	39.27	33.37	185	171	Peak	HORIZONTAL
2	11337.76	44.12	54.00	-9.88	27.56	10.66	39.27	33.37	185	171	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	11334.04	57.40	74.00	-16.60	40.84	10.66	39.27	33.37	342	171	Peak	VERTICAL
2	11344.10	43.99	54.00	-10.01	27.42	10.67	39.27	33.37	342	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11412.34	57.56	74.00	-16.44	40.92	10.69	39.32	33.37	360	171	Peak	HORIZONTAL
2	11416.57	44.80	54.00	-9.20	28.15	10.69	39.33	33.37	360	171	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	11416.67	44.86	54.00	-9.14	28.21	10.69	39.33	33.37	48	171	Average	VERTICAL
2	11424.58	58.11	74.00	-15.89	41.46	10.69	39.33	33.37	48	171	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 58 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15865.99	45.33	54.00	-8.67	28.80	12.57	37.99	34.03	289	168	Average	HORIZONTAL
2	15878.24	58.53	74.00	-15.47	42.02	12.57	37.97	34.03	289	168	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	15865.99	57.90	74.00	-16.10	41.37	12.57	37.99	34.03	333	164	Peak	VERTICAL
2	15877.66	45.35	54.00	-8.65	28.84	12.57	37.97	34.03	229	164	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11062.47	43.90	54.00	-10.10	27.65	10.58	39.05	33.38	16	167	Average	HORIZONTAL
2	11064.74	57.44	74.00	-16.56	41.19	10.58	39.05	33.38	16	167	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	11052.53	43.96	54.00	-10.04	27.73	10.57	39.04	33.38	6	142	Average	VERTICAL
2	11069.42	56.62	74.00	-17.38	40.37	10.58	39.05	33.38	6	142	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 122 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11219.16	44.00	54.00	-10.00	27.58	10.63	39.17	33.38	34	169	Average	HORIZONTAL
2	11220.74	57.53	74.00	-16.47	41.11	10.63	39.17	33.38	34	169	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	11219.28	43.85	54.00	-10.15	27.43	10.63	39.17	33.38	30	165	Average	VERTICAL
2	11220.12	57.44	74.00	-16.56	41.02	10.63	39.17	33.38	30	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 138 / Chain 4 + Chain 5
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11380.55	58.10	74.00	-15.90	41.48	10.68	39.31	33.37	332	166	Peak	HORIZONTAL
2	11380.81	44.66	54.00	-9.34	28.04	10.68	39.31	33.37	332	166	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	11379.41	57.92	74.00	-16.08	41.30	10.68	39.31	33.37	319	145	Peak	VERTICAL
2	11379.98	44.61	54.00	-9.39	27.99	10.68	39.31	33.37	319	145	Average	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15779.12	58.46	74.00	-15.54	41.73	12.57	38.11	33.95	30	159	Peak	HORIZONTAL
2	15779.62	45.12	54.00	-8.88	28.39	12.57	38.11	33.95	30	159	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	15779.39	45.29	54.00	-8.71	28.56	12.57	38.11	33.95	34	150	Average	VERTICAL
2	15780.10	59.69	74.00	-14.31	42.96	12.57	38.11	33.95	34	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 60 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10599.35	57.27	74.00	-16.73	41.82	10.16	38.92	33.63	36	165	Peak	HORIZONTAL
2	10599.86	43.52	54.00	-10.48	28.07	10.16	38.92	33.63	36	165	Average	HORIZONTAL
3	15900.73	45.49	54.00	-8.51	29.05	12.57	37.92	34.05	5	172	Average	HORIZONTAL
4	15900.77	58.56	74.00	-15.44	42.12	12.57	37.92	34.05	5	172	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10599.81	56.82	74.00	-17.18	41.37	10.16	38.92	33.63	76	176	Peak	VERTICAL
2	10600.06	43.38	54.00	-10.62	27.93	10.16	38.92	33.63	76	176	Average	VERTICAL
3	15899.35	58.78	74.00	-15.22	42.32	12.57	37.94	34.05	16	155	Peak	VERTICAL
4	15900.37	45.51	54.00	-8.49	29.05	12.57	37.94	34.05	16	155	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10640.47	43.29	54.00	-10.71	27.75	10.21	38.93	33.60	28	153	Average	HORIZONTAL
2	10640.71	56.46	74.00	-17.54	40.92	10.21	38.93	33.60	28	153	Peak	HORIZONTAL
3	15959.54	45.11	54.00	-8.89	28.83	12.56	37.85	34.13	29	180	Average	HORIZONTAL
4	15960.35	58.40	74.00	-15.60	42.12	12.56	37.85	34.13	29	180	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10640.09	43.49	54.00	-10.51	27.95	10.21	38.93	33.60	11	186	Average	VERTICAL
2	10640.88	56.76	74.00	-17.24	41.22	10.21	38.93	33.60	11	186	Peak	VERTICAL
3	15959.00	45.19	54.00	-8.81	28.91	12.56	37.85	34.13	22	210	Average	VERTICAL
4	15959.89	58.83	74.00	-15.17	42.55	12.56	37.85	34.13	22	210	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10999.50	58.19	74.00	-15.81	42.02	10.55	39.00	33.38	323	178	Peak	HORIZONTAL
2	11000.93	43.76	54.00	-10.24	27.59	10.55	39.00	33.38	323	178	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	10999.49	57.68	74.00	-16.32	41.51	10.55	39.00	33.38	274	165	Peak	VERTICAL
2	11000.03	44.01	54.00	-9.99	27.84	10.55	39.00	33.38	274	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 116 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11176.67	44.15	54.00	-9.85	27.77	10.61	39.15	33.38	91	170	Average	HORIZONTAL
2	11177.23	57.10	74.00	-16.90	40.72	10.61	39.15	33.38	91	170	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	11162.16	57.34	74.00	-16.66	40.98	10.61	39.13	33.38	41	148	Peak	VERTICAL
2	11165.45	44.37	54.00	-9.63	28.01	10.61	39.13	33.38	41	148	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11385.18	58.66	74.00	-15.34	42.04	10.68	39.31	33.37	4	126	Peak	HORIZONTAL
2	11409.29	44.86	54.00	-9.14	28.22	10.69	39.32	33.37	4	126	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	11393.51	58.10	74.00	-15.90	41.47	10.69	39.31	33.37	48	185	Peak	VERTICAL
2	11399.20	44.92	54.00	-9.08	28.28	10.69	39.32	33.37	48	185	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11433.91	45.09	54.00	-8.91	28.42	10.69	39.35	33.37	31	121	Average	HORIZONTAL
2	11440.08	58.56	74.00	-15.44	41.89	10.69	39.35	33.37	31	121	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	11433.59	58.06	74.00	-15.94	41.39	10.69	39.35	33.37	333	181	Peak	VERTICAL
2	11440.64	45.32	54.00	-8.68	28.65	10.69	39.35	33.37	333	181	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15822.76	58.64	74.00	-15.36	42.01	12.57	38.04	33.98	90	169	Peak	HORIZONTAL
2	15824.10	45.49	54.00	-8.51	28.86	12.57	38.04	33.98	90	169	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15801.60	58.90	74.00	-15.10	42.21	12.57	38.07	33.95	46	162	Peak	VERTICAL
2	15820.64	45.50	54.00	-8.50	28.87	12.57	38.04	33.98	46	162	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10604.29	57.15	74.00	-16.85	41.66	10.19	38.92	33.62	109	160	Peak	HORIZONTAL
2	10622.44	43.64	54.00	-10.36	28.15	10.19	38.92	33.62	109	160	Average	HORIZONTAL
3	15927.24	45.71	54.00	-8.29	29.33	12.56	37.90	34.08	39	173	Average	HORIZONTAL
4	15941.47	58.59	74.00	-15.41	42.26	12.56	37.87	34.10	39	173	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	10610.64	56.43	74.00	-17.57	40.94	10.19	38.92	33.62	40	135	Peak	VERTICAL
2	10615.06	43.78	54.00	-10.22	28.29	10.19	38.92	33.62	40	135	Average	VERTICAL
3	15923.40	45.65	54.00	-8.35	29.27	12.56	37.90	34.08	101	144	Average	VERTICAL
4	15929.04	58.79	74.00	-15.21	42.41	12.56	37.90	34.08	101	144	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11007.37	57.29	74.00	-16.71	41.11	10.55	39.01	33.38	101	141	Peak	HORIZONTAL
2	11034.55	44.15	54.00	-9.85	27.93	10.57	39.03	33.38	101	141	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	11012.50	44.24	54.00	-9.76	28.05	10.56	39.01	33.38	118	166	Average	VERTICAL
2	11026.03	57.17	74.00	-16.83	40.96	10.56	39.03	33.38	118	166	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 110 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11095.32	44.26	54.00	-9.74	27.98	10.58	39.08	33.38	4	123	Average	HORIZONTAL
2	11115.38	56.91	74.00	-17.09	40.61	10.59	39.09	33.38	4	123	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	11093.14	56.88	74.00	-17.12	40.60	10.58	39.08	33.38	60	161	Peak	VERTICAL
2	11101.15	44.25	54.00	-9.75	27.97	10.58	39.08	33.38	60	161	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11351.73	44.58	54.00	-9.42	28.00	10.67	39.28	33.37	4	138	Average	HORIZONTAL
2	11359.23	57.34	74.00	-16.66	40.76	10.67	39.28	33.37	4	138	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	11356.73	44.75	54.00	-9.25	28.17	10.67	39.28	33.37	37	168	Average	VERTICAL
2	11358.97	58.06	74.00	-15.94	41.48	10.67	39.28	33.37	37	168	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11409.10	57.79	74.00	-16.21	41.15	10.69	39.32	33.37	20	149	Peak	HORIZONTAL
2	11436.47	44.86	54.00	-9.14	28.19	10.69	39.35	33.37	20	149	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	11414.23	44.83	54.00	-9.17	28.18	10.69	39.33	33.37	95	133	Average	VERTICAL
2	11420.96	57.61	74.00	-16.39	40.96	10.69	39.33	33.37	95	133	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 58 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15906.15	45.26	54.00	-8.74	28.86	12.56	37.92	34.08	280	153	Average	HORIZONTAL
2	15907.82	57.64	74.00	-16.36	41.24	12.56	37.92	34.08	280	153	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	15891.67	58.48	74.00	-15.52	42.02	12.57	37.94	34.05	324	168	Peak	VERTICAL
2	15891.92	45.73	54.00	-8.27	29.27	12.57	37.94	34.05	324	168	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11070.77	57.08	74.00	-16.92	40.83	10.58	39.05	33.38	47	134	Peak	HORIZONTAL
2	11093.72	44.55	54.00	-9.45	28.27	10.58	39.08	33.38	47	134	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	11029.74	44.33	54.00	-9.67	28.12	10.56	39.03	33.38	101	176	Average	VERTICAL
2	11048.21	57.74	74.00	-16.26	41.51	10.57	39.04	33.38	101	176	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 122 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11190.77	44.21	54.00	-9.79	27.82	10.62	39.15	33.38	39	141	Average	HORIZONTAL
2	11234.87	57.15	74.00	-16.85	40.71	10.63	39.19	33.38	39	141	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	11196.67	57.34	74.00	-16.66	40.94	10.62	39.16	33.38	110	177	Peak	VERTICAL
2	11252.05	44.47	54.00	-9.53	28.01	10.64	39.20	33.38	110	177	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 28, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11367.44	57.75	74.00	-16.25	41.15	10.68	39.29	33.37	37	147	Peak	HORIZONTAL
2	11415.13	44.88	54.00	-9.12	28.23	10.69	39.33	33.37	37	147	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	11391.28	58.03	74.00	-15.97	41.40	10.69	39.31	33.37	60	165	Peak	VERTICAL
2	11414.49	44.80	54.00	-9.20	28.15	10.69	39.33	33.37	60	165	Average	VERTICAL

Note:

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

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

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

<For STBC Mode>

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	15779.22	45.28	54.00	-8.72	28.55	12.57	38.11	33.95	74	160	Average	HORIZONTAL
2	15780.97	58.76	74.00	-15.24	42.03	12.57	38.11	33.95	74	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15779.41	45.16	54.00	-8.84	28.43	12.57	38.11	33.95	224	160	Average	VERTICAL
2	15780.36	58.00	74.00	-16.00	41.27	12.57	38.11	33.95	224	160	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	10599.93	56.53	74.00	-17.47	41.08	10.16	38.92	33.63	178	160	Peak	HORIZONTAL
2	10600.10	43.44	54.00	-10.56	27.99	10.16	38.92	33.63	178	160	Average	HORIZONTAL
3	15900.30	58.09	74.00	-15.91	41.63	12.57	37.94	34.05	233	160	Peak	HORIZONTAL
4	15900.49	45.32	54.00	-8.68	28.86	12.57	37.94	34.05	233	160	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	10599.30	43.38	54.00	-10.62	27.93	10.16	38.92	33.63	120	160	Average	VERTICAL
2	10599.61	56.73	74.00	-17.27	41.28	10.16	38.92	33.63	120	160	Peak	VERTICAL
3	15899.98	58.47	74.00	-15.53	42.01	12.57	37.94	34.05	172	160	Peak	VERTICAL
4	15900.32	45.34	54.00	-8.66	28.88	12.57	37.94	34.05	172	160	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	10639.34	43.55	54.00	-10.45	28.01	10.21	38.93	33.60	131	165	Average	HORIZONTAL
2	10640.73	56.66	74.00	-17.34	41.12	10.21	38.93	33.60	131	165	Peak	HORIZONTAL
3	15959.67	58.27	74.00	-15.73	41.99	12.56	37.85	34.13	71	165	Peak	HORIZONTAL
4	15960.17	44.71	54.00	-9.29	28.43	12.56	37.85	34.13	71	165	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	10639.47	56.72	74.00	-17.28	41.18	10.21	38.93	33.60	203	160	Peak	VERTICAL
2	10640.88	43.56	54.00	-10.44	28.02	10.21	38.93	33.60	203	160	Average	VERTICAL
3	15960.53	44.92	54.00	-9.08	28.64	12.56	37.85	34.13	109	155	Average	VERTICAL
4	15960.78	58.02	74.00	-15.98	41.74	12.56	37.85	34.13	109	155	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11000.10	56.69	74.00	-17.31	40.52	10.55	39.00	33.38	83	165	Peak	HORIZONTAL
2	11000.20	43.95	54.00	-10.05	27.78	10.55	39.00	33.38	83	165	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	10999.68	43.80	54.00	-10.20	27.63	10.55	39.00	33.38	163	165	Average	VERTICAL
2	11000.80	56.83	74.00	-17.17	40.66	10.55	39.00	33.38	163	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11159.73	43.98	54.00	-10.02	27.63	10.60	39.13	33.38	102	165	Average	HORIZONTAL
2	11160.34	57.67	74.00	-16.33	41.32	10.60	39.13	33.38	102	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11159.43	56.70	74.00	-17.30	40.35	10.60	39.13	33.38	54	165	Peak	VERTICAL
2	11159.52	44.25	54.00	-9.75	27.90	10.60	39.13	33.38	54	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11400.08	58.08	74.00	-15.92	41.44	10.69	39.32	33.37	255	165	Peak	HORIZONTAL
2	11400.29	44.61	54.00	-9.39	27.97	10.69	39.32	33.37	255	165	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	11400.38	57.77	74.00	-16.23	41.13	10.69	39.32	33.37	152	165	Peak	VERTICAL
2	11400.62	44.72	54.00	-9.28	28.08	10.69	39.32	33.37	152	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11439.35	57.86	74.00	-16.14	41.19	10.69	39.35	33.37	215	165	Peak	HORIZONTAL
2	11439.99	44.62	54.00	-9.38	27.95	10.69	39.35	33.37	215	165	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	11440.09	44.74	54.00	-9.26	28.07	10.69	39.35	33.37	341	165	Average	VERTICAL
2	11440.97	58.31	74.00	-15.69	41.64	10.69	39.35	33.37	341	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	15810.61	45.04	54.00	-8.96	28.38	12.57	38.07	33.98	160	165	Average	HORIZONTAL
2	15810.94	58.11	74.00	-15.89	41.45	12.57	38.07	33.98	160	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15809.66	58.22	74.00	-15.78	41.56	12.57	38.07	33.98	265	165	Peak	VERTICAL
2	15810.87	45.12	54.00	-8.88	28.46	12.57	38.07	33.98	265	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	10619.34	43.46	54.00	-10.54	27.97	10.19	38.92	33.62	243	165	Average	HORIZONTAL
2	10620.01	56.52	74.00	-17.48	41.03	10.19	38.92	33.62	243	165	Peak	HORIZONTAL
3	15930.46	58.84	74.00	-15.16	42.48	12.56	37.90	34.10	210	165	Peak	HORIZONTAL
4	15930.47	45.36	54.00	-8.64	29.00	12.56	37.90	34.10	210	165	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	10620.34	56.79	74.00	-17.21	41.30	10.19	38.92	33.62	92	165	Peak	VERTICAL
2	10620.54	43.56	54.00	-10.44	28.07	10.19	38.92	33.62	92	165	Average	VERTICAL
3	15929.55	45.28	54.00	-8.72	28.90	12.56	37.90	34.08	51	165	Average	VERTICAL
4	15930.06	58.67	74.00	-15.33	42.29	12.56	37.90	34.08	51	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11020.42	43.96	54.00	-10.04	27.77	10.56	39.01	33.38	328	165	Average	HORIZONTAL
2	11020.45	56.74	74.00	-17.26	40.55	10.56	39.01	33.38	328	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.42	57.57	74.00	-16.43	41.38	10.56	39.01	33.38	286	165	Peak	VERTICAL
2	11020.96	44.21	54.00	-9.79	28.02	10.56	39.01	33.38	286	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11099.30	43.98	54.00	-10.02	27.70	10.58	39.08	33.38	317	165	Average	HORIZONTAL
2	11100.96	56.67	74.00	-17.33	40.39	10.58	39.08	33.38	317	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11099.73	44.11	54.00	-9.89	27.83	10.58	39.08	33.38	290	165	Average	VERTICAL
2	11100.17	57.66	74.00	-16.34	41.38	10.58	39.08	33.38	290	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11339.08	57.38	74.00	-16.62	40.82	10.66	39.27	33.37	88	165	Peak	HORIZONTAL
2	11339.37	44.52	54.00	-9.48	27.96	10.66	39.27	33.37	88	165	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	11339.46	57.46	74.00	-16.54	40.90	10.66	39.27	33.37	146	165	Peak	VERTICAL
2	11340.08	44.62	54.00	-9.38	28.06	10.66	39.27	33.37	146	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11419.14	44.64	54.00	-9.36	27.99	10.69	39.33	33.37	237	165	Average	HORIZONTAL
2	11420.78	57.78	74.00	-16.22	41.13	10.69	39.33	33.37	237	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11420.32	44.73	54.00	-9.27	28.08	10.69	39.33	33.37	124	165	Average	VERTICAL
2	11420.94	57.65	74.00	-16.35	41.00	10.69	39.33	33.37	124	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	15869.10	44.90	54.00	-9.10	28.39	12.57	37.97	34.03	283	165	Average	HORIZONTAL
2	15870.81	58.72	74.00	-15.28	42.21	12.57	37.97	34.03	283	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15869.63	45.04	54.00	-8.96	28.53	12.57	37.97	34.03	343	165	Average	VERTICAL
2	15870.99	58.19	74.00	-15.81	41.68	12.57	37.97	34.03	343	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11059.09	56.77	74.00	-17.23	40.53	10.57	39.05	33.38	270	165	Peak	HORIZONTAL
2	11059.58	44.20	54.00	-9.80	27.96	10.57	39.05	33.38	270	165	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	11059.64	43.90	54.00	-10.10	27.66	10.57	39.05	33.38	230	165	Average	VERTICAL
2	11060.42	56.81	74.00	-17.19	40.56	10.58	39.05	33.38	230	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11220.38	57.05	74.00	-16.95	40.63	10.63	39.17	33.38	28	165	Peak	HORIZONTAL
2	11220.61	43.70	54.00	-10.30	27.28	10.63	39.17	33.38	28	165	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	11219.34	56.51	74.00	-17.49	40.09	10.63	39.17	33.38	122	165	Peak	VERTICAL
2	11220.70	43.42	54.00	-10.58	27.00	10.63	39.17	33.38	122	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

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	11380.79	57.75	74.00	-16.25	41.13	10.68	39.31	33.37	136	165	Peak	HORIZONTAL
2	11380.99	44.47	54.00	-9.53	27.85	10.68	39.31	33.37	136	165	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	11379.03	44.34	54.00	-9.66	27.72	10.68	39.31	33.37	76	165	Average	VERTICAL
2	11380.32	57.24	74.00	-16.76	40.62	10.68	39.31	33.37	76	165	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.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	15779.26	45.07	54.00	-8.93	28.34	12.57	38.11	33.95	166	165	Average	HORIZONTAL
2	15780.35	58.54	74.00	-15.46	41.81	12.57	38.11	33.95	166	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15780.28	45.12	54.00	-8.88	28.39	12.57	38.11	33.95	99	165	Average	VERTICAL
2	15780.94	58.09	74.00	-15.91	41.36	12.57	38.11	33.95	99	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	10599.64	57.18	74.00	-16.82	41.73	10.16	38.92	33.63	227	165	Peak	HORIZONTAL
2	10600.80	43.38	54.00	-10.62	27.89	10.19	38.92	33.62	227	165	Average	HORIZONTAL
3	15899.26	57.99	74.00	-16.01	41.53	12.57	37.94	34.05	337	165	Peak	HORIZONTAL
4	15900.78	45.09	54.00	-8.91	28.65	12.57	37.92	34.05	337	165	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	10599.19	43.30	54.00	-10.70	27.85	10.16	38.92	33.63	338	165	Average	VERTICAL
2	10600.99	56.13	74.00	-17.87	40.64	10.19	38.92	33.62	338	165	Peak	VERTICAL
3	15899.99	58.23	74.00	-15.77	41.77	12.57	37.94	34.05	287	165	Peak	VERTICAL
4	15900.45	45.42	54.00	-8.58	28.96	12.57	37.94	34.05	287	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	10640.46	43.14	54.00	-10.86	27.60	10.21	38.93	33.60	315	165	Average	HORIZONTAL
2	10640.81	56.29	74.00	-17.71	40.75	10.21	38.93	33.60	315	165	Peak	HORIZONTAL
3	15959.71	57.61	74.00	-16.39	41.33	12.56	37.85	34.13	262	165	Peak	HORIZONTAL
4	15960.64	44.70	54.00	-9.30	28.42	12.56	37.85	34.13	262	165	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	10639.09	56.16	74.00	-17.84	40.62	10.21	38.93	33.60	179	165	Peak	VERTICAL
2	10640.71	43.44	54.00	-10.56	27.90	10.21	38.93	33.60	179	165	Average	VERTICAL
3	15960.47	57.93	74.00	-16.07	41.65	12.56	37.85	34.13	136	165	Peak	VERTICAL
4	15960.53	44.61	54.00	-9.39	28.33	12.56	37.85	34.13	136	165	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11000.04	43.87	54.00	-10.13	27.70	10.55	39.00	33.38	162	165	Average	HORIZONTAL
2	11000.16	56.51	74.00	-17.49	40.34	10.55	39.00	33.38	162	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10999.73	57.86	74.00	-16.14	41.69	10.55	39.00	33.38	280	165	Peak	VERTICAL
2	11000.66	44.36	54.00	-9.64	28.19	10.55	39.00	33.38	280	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11159.81	57.37	74.00	-16.63	41.02	10.60	39.13	33.38	234	165	Peak	HORIZONTAL
2	11160.79	43.93	54.00	-10.07	27.58	10.60	39.13	33.38	234	165	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	11159.96	56.84	74.00	-17.16	40.49	10.60	39.13	33.38	132	165	Peak	VERTICAL
2	11160.46	44.03	54.00	-9.97	27.68	10.60	39.13	33.38	132	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11399.39	57.11	74.00	-16.89	40.47	10.69	39.32	33.37	293	165	Peak	HORIZONTAL
2	11399.85	44.57	54.00	-9.43	27.93	10.69	39.32	33.37	293	165	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	11399.66	57.76	74.00	-16.24	41.12	10.69	39.32	33.37	349	165	Peak	VERTICAL
2	11400.96	44.76	54.00	-9.24	28.12	10.69	39.32	33.37	349	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11439.21	44.67	54.00	-9.33	28.00	10.69	39.35	33.37	132	165	Average	HORIZONTAL
2	11439.75	57.81	74.00	-16.19	41.14	10.69	39.35	33.37	132	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11440.16	57.56	74.00	-16.44	40.89	10.69	39.35	33.37	251	165	Peak	VERTICAL
2	11440.83	44.73	54.00	-9.27	28.06	10.69	39.35	33.37	251	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	15809.80	45.00	54.00	-9.00	28.34	12.57	38.07	33.98	338	165	Average	HORIZONTAL
2	15809.90	57.97	74.00	-16.03	41.31	12.57	38.07	33.98	338	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15809.24	58.04	74.00	-15.96	41.38	12.57	38.07	33.98	256	165	Peak	VERTICAL
2	15810.33	45.51	54.00	-8.49	28.85	12.57	38.07	33.98	256	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	10619.06	56.39	74.00	-17.61	40.90	10.19	38.92	33.62	120	165	Peak	HORIZONTAL
2	10620.53	43.54	54.00	-10.46	28.05	10.19	38.92	33.62	120	165	Average	HORIZONTAL
3	15930.08	58.28	74.00	-15.72	41.90	12.56	37.90	34.08	171	165	Peak	HORIZONTAL
4	15930.34	45.10	54.00	-8.90	28.74	12.56	37.90	34.10	171	165	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	10619.82	56.37	74.00	-17.63	40.88	10.19	38.92	33.62	276	165	Peak	VERTICAL
2	10620.10	43.44	54.00	-10.56	27.95	10.19	38.92	33.62	276	165	Average	VERTICAL
3	15930.54	45.33	54.00	-8.67	28.97	12.56	37.90	34.10	225	165	Average	VERTICAL
4	15930.64	58.33	74.00	-15.67	41.97	12.56	37.90	34.10	225	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11019.26	43.78	54.00	-10.22	27.59	10.56	39.01	33.38	165	165	Average	HORIZONTAL
2	11020.88	57.51	74.00	-16.49	41.32	10.56	39.01	33.38	165	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.06	43.51	54.00	-10.49	27.32	10.56	39.01	33.38	72	165	Average	VERTICAL
2	11020.55	57.14	74.00	-16.86	40.95	10.56	39.01	33.38	72	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11100.47	43.90	54.00	-10.10	27.62	10.58	39.08	33.38	324	165	Average	HORIZONTAL
2	11100.84	56.90	74.00	-17.10	40.62	10.58	39.08	33.38	324	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11099.52	57.53	74.00	-16.47	41.25	10.58	39.08	33.38	208	165	Peak	VERTICAL
2	11099.96	44.25	54.00	-9.75	27.97	10.58	39.08	33.38	208	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11339.24	44.49	54.00	-9.51	27.93	10.66	39.27	33.37	144	165	Average	HORIZONTAL
2	11340.94	57.90	74.00	-16.10	41.33	10.67	39.27	33.37	144	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11340.09	58.16	74.00	-15.84	41.60	10.66	39.27	33.37	255	165	Peak	VERTICAL
2	11340.31	44.54	54.00	-9.46	27.97	10.67	39.27	33.37	255	165	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11420.58	57.64	74.00	-16.36	40.99	10.69	39.33	33.37	217	165	Peak	HORIZONTAL
2	11420.85	44.67	54.00	-9.33	28.02	10.69	39.33	33.37	217	165	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	11420.29	58.12	74.00	-15.88	41.47	10.69	39.33	33.37	99	165	Peak	VERTICAL
2	11420.90	44.61	54.00	-9.39	27.96	10.69	39.33	33.37	99	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	15869.24	44.92	54.00	-9.08	28.41	12.57	37.97	34.03	187	160	Average	HORIZONTAL
2	15870.86	57.86	74.00	-16.14	41.35	12.57	37.97	34.03	187	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15870.15	57.85	74.00	-16.15	41.34	12.57	37.97	34.03	303	160	Peak	VERTICAL
2	15870.20	45.08	54.00	-8.92	28.57	12.57	37.97	34.03	303	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11059.87	43.79	54.00	-10.21	27.54	10.58	39.05	33.38	175	160	Average	HORIZONTAL
2	11060.72	57.33	74.00	-16.67	41.08	10.58	39.05	33.38	175	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11059.49	56.67	74.00	-17.33	40.43	10.57	39.05	33.38	223	160	Peak	VERTICAL
2	11060.35	43.66	54.00	-10.34	27.41	10.58	39.05	33.38	223	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11219.60	43.69	54.00	-10.31	27.27	10.63	39.17	33.38	162	160	Average	HORIZONTAL
2	11219.76	56.80	74.00	-17.20	40.38	10.63	39.17	33.38	162	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11219.54	57.51	74.00	-16.49	41.09	10.63	39.17	33.38	37	160	Peak	VERTICAL
2	11219.92	43.76	54.00	-10.24	27.34	10.63	39.17	33.38	37	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

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	11379.03	57.97	74.00	-16.03	41.35	10.68	39.31	33.37	112	150	Peak	HORIZONTAL
2	11380.33	44.50	54.00	-9.50	27.88	10.68	39.31	33.37	112	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11379.18	44.53	54.00	-9.47	27.91	10.68	39.31	33.37	326	160	Average	VERTICAL
2	11379.42	57.73	74.00	-16.27	41.11	10.68	39.31	33.37	326	160	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.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	15773.33	45.81	54.00	-8.19	29.06	12.57	38.11	33.93	39	165	Average	HORIZONTAL
2	15782.76	59.09	74.00	-14.91	42.38	12.57	38.09	33.95	39	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15779.55	59.44	74.00	-14.56	42.71	12.57	38.11	33.95	62	165	Peak	VERTICAL
2	15781.60	46.19	54.00	-7.81	29.48	12.57	38.09	33.95	62	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	10609.07	44.02	54.00	-9.98	28.53	10.19	38.92	33.62	58	165	Average	HORIZONTAL
2	10609.10	57.22	74.00	-16.78	41.73	10.19	38.92	33.62	58	165	Peak	HORIZONTAL
3	15897.88	59.23	74.00	-14.77	42.77	12.57	37.94	34.05	83	165	Peak	HORIZONTAL
4	15905.87	46.00	54.00	-8.00	29.60	12.56	37.92	34.08	83	165	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	10603.81	57.07	74.00	-16.93	41.58	10.19	38.92	33.62	86	165	Peak	VERTICAL
2	10609.26	43.92	54.00	-10.08	28.43	10.19	38.92	33.62	86	165	Average	VERTICAL
3	15899.42	46.05	54.00	-7.95	29.59	12.57	37.94	34.05	112	165	Average	VERTICAL
4	15909.97	59.16	74.00	-14.84	42.76	12.56	37.92	34.08	112	165	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	10631.44	44.05	54.00	-9.95	28.51	10.21	38.93	33.60	41	165	Average	HORIZONTAL
2	10646.35	56.96	74.00	-17.04	41.42	10.21	38.93	33.60	41	165	Peak	HORIZONTAL
3	15950.61	45.62	54.00	-8.38	29.29	12.56	37.87	34.10	85	165	Average	HORIZONTAL
4	15953.30	59.49	74.00	-14.51	43.18	12.56	37.85	34.10	85	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10639.62	43.95	54.00	-10.05	28.41	10.21	38.93	33.60	87	165	Average	VERTICAL
2	10640.87	56.91	74.00	-17.09	41.37	10.21	38.93	33.60	87	165	Peak	VERTICAL
3	15951.67	45.82	54.00	-8.18	29.51	12.56	37.85	34.10	112	165	Average	VERTICAL
4	15953.81	59.03	74.00	-14.97	42.72	12.56	37.85	34.10	112	165	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	10994.10	44.34	54.00	-9.66	28.17	10.55	39.00	33.38	11	165	Average	HORIZONTAL
2	11001.31	57.98	74.00	-16.02	41.81	10.55	39.00	33.38	11	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11000.48	44.42	54.00	-9.58	28.25	10.55	39.00	33.38	47	165	Average	VERTICAL
2	11006.51	57.58	74.00	-16.42	41.40	10.55	39.01	33.38	47	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11165.22	56.98	74.00	-17.02	40.62	10.61	39.13	33.38	21	165	Peak	HORIZONTAL
2	11165.80	44.25	54.00	-9.75	27.89	10.61	39.13	33.38	21	165	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	11153.40	44.74	54.00	-9.26	28.40	10.60	39.12	33.38	40	165	Average	VERTICAL
2	11157.34	58.04	74.00	-15.96	41.70	10.60	39.12	33.38	40	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11398.94	57.64	74.00	-16.36	41.00	10.69	39.32	33.37	56	165	Peak	HORIZONTAL
2	11401.25	44.97	54.00	-9.03	28.33	10.69	39.32	33.37	56	165	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	11392.31	45.17	54.00	-8.83	28.54	10.69	39.31	33.37	73	165	Average	VERTICAL
2	11409.33	58.41	74.00	-15.59	41.77	10.69	39.32	33.37	73	165	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11437.44	58.21	74.00	-15.79	41.54	10.69	39.35	33.37	91	165	Peak	HORIZONTAL
2	11442.21	45.24	54.00	-8.76	28.57	10.69	39.35	33.37	91	165	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	11442.37	45.38	54.00	-8.62	28.70	10.70	39.35	33.37	55	165	Average	VERTICAL
2	11444.94	58.42	74.00	-15.58	41.74	10.70	39.35	33.37	55	165	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	15804.26	45.83	54.00	-8.17	29.17	12.57	38.07	33.98	323	165	Average	HORIZONTAL
2	15811.86	59.49	74.00	-14.51	42.83	12.57	38.07	33.98	323	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15804.23	59.35	74.00	-14.65	42.69	12.57	38.07	33.98	175	165	Peak	VERTICAL
2	15811.41	45.90	54.00	-8.10	29.24	12.57	38.07	33.98	119	165	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	10620.16	57.12	74.00	-16.88	41.63	10.19	38.92	33.62	322	165	Peak	HORIZONTAL
2	10624.58	44.12	54.00	-9.88	28.63	10.19	38.92	33.62	322	165	Average	HORIZONTAL
3	15925.51	46.17	54.00	-7.83	29.79	12.56	37.90	34.08	272	165	Average	HORIZONTAL
4	15931.63	59.07	74.00	-14.93	42.71	12.56	37.90	34.10	272	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10616.28	43.95	54.00	-10.05	28.46	10.19	38.92	33.62	271	165	Average	VERTICAL
2	10625.00	57.31	74.00	-16.69	41.82	10.19	38.92	33.62	271	165	Peak	VERTICAL
3	15926.19	59.65	74.00	-14.35	43.27	12.56	37.90	34.08	299	165	Peak	VERTICAL
4	15927.44	46.19	54.00	-7.81	29.81	12.56	37.90	34.08	299	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11018.53	57.30	74.00	-16.70	41.11	10.56	39.01	33.38	57	200	Peak	HORIZONTAL
2	11028.17	44.55	54.00	-9.45	28.34	10.56	39.03	33.38	57	200	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	11010.48	57.82	74.00	-16.18	41.63	10.56	39.01	33.38	89	200	Peak	VERTICAL
2	11012.72	44.89	54.00	-9.11	28.70	10.56	39.01	33.38	89	200	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11096.03	57.92	74.00	-16.08	41.64	10.58	39.08	33.38	339	200	Peak	HORIZONTAL
2	11107.34	44.33	54.00	-9.67	28.04	10.58	39.09	33.38	339	200	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	11091.03	44.41	54.00	-9.59	28.13	10.58	39.08	33.38	294	200	Average	VERTICAL
2	11102.98	57.60	74.00	-16.40	41.32	10.58	39.08	33.38	294	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 4 + Chain 5
Test Date	Jan. 30, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11343.21	44.83	54.00	-9.17	28.26	10.67	39.27	33.37	25	200	Average	HORIZONTAL
2	11347.76	58.72	74.00	-15.28	42.14	10.67	39.28	33.37	25	200	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	11335.77	44.94	54.00	-9.06	28.38	10.66	39.27	33.37	43	200	Average	VERTICAL
2	11342.85	58.42	74.00	-15.58	41.85	10.67	39.27	33.37	43	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11418.59	45.84	54.00	-8.16	29.19	10.69	39.33	33.37	145	150	Average	HORIZONTAL
2	11421.19	58.94	74.00	-15.06	42.29	10.69	39.33	33.37	145	150	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	11418.99	46.19	54.00	-7.81	29.54	10.69	39.33	33.37	265	150	Average	VERTICAL
2	11422.22	59.43	74.00	-14.57	42.78	10.69	39.33	33.37	265	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	15869.94	58.18	74.00	-15.82	41.67	12.57	37.97	34.03	85	150	Peak	HORIZONTAL
2	15872.40	45.24	54.00	-8.76	28.73	12.57	37.97	34.03	85	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15870.39	45.49	54.00	-8.51	28.98	12.57	37.97	34.03	127	150	Average	VERTICAL
2	15872.02	58.14	74.00	-15.86	41.63	12.57	37.97	34.03	127	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11058.83	56.82	74.00	-17.18	40.58	10.57	39.05	33.38	187	150	Peak	HORIZONTAL
2	11061.72	44.23	54.00	-9.77	27.98	10.58	39.05	33.38	187	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11059.46	44.06	54.00	-9.94	27.82	10.57	39.05	33.38	223	150	Average	VERTICAL
2	11060.22	57.55	74.00	-16.45	41.30	10.58	39.05	33.38	223	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11219.75	43.99	54.00	-10.01	27.57	10.63	39.17	33.38	130	150	Average	HORIZONTAL
2	11220.67	58.29	74.00	-15.71	41.87	10.63	39.17	33.38	130	150	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	11220.68	59.67	74.00	-14.33	43.25	10.63	39.17	33.38	162	150	Peak	VERTICAL
2	11221.68	44.99	54.00	-9.01	28.57	10.63	39.17	33.38	162	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 4 + Chain 5
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

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	11377.84	44.55	54.00	-9.45	27.95	10.68	39.29	33.37	147	150	Average	HORIZONTAL
2	11381.82	57.45	74.00	-16.55	40.83	10.68	39.31	33.37	147	150	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	11378.40	57.46	74.00	-16.54	40.86	10.68	39.29	33.37	52	150	Peak	VERTICAL
2	11382.13	44.56	54.00	-9.44	27.94	10.68	39.31	33.37	52	150	Average	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	15781.72	45.16	54.00	-8.84	28.45	12.57	38.09	33.95	263	150	Average	HORIZONTAL
2	15782.00	58.75	74.00	-15.25	42.04	12.57	38.09	33.95	263	150	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	15779.65	45.38	54.00	-8.62	28.65	12.57	38.11	33.95	337	150	Average	VERTICAL
2	15781.91	58.12	74.00	-15.88	41.41	12.57	38.09	33.95	337	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	10599.53	57.00	74.00	-17.00	41.55	10.16	38.92	33.63	126	160	Peak	HORIZONTAL
2	10600.34	43.53	54.00	-10.47	28.08	10.16	38.92	33.63	126	160	Average	HORIZONTAL
3	15901.65	58.22	74.00	-15.78	41.78	12.57	37.92	34.05	81	160	Peak	HORIZONTAL
4	15902.15	45.43	54.00	-8.57	28.99	12.57	37.92	34.05	81	160	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	10598.43	43.48	54.00	-10.52	28.03	10.16	38.92	33.63	233	150	Average	VERTICAL
2	10601.47	56.79	74.00	-17.21	41.30	10.19	38.92	33.62	233	150	Peak	VERTICAL
3	15901.94	45.45	54.00	-8.55	29.01	12.57	37.92	34.05	168	155	Average	VERTICAL
4	15902.49	58.63	74.00	-15.37	42.19	12.57	37.92	34.05	168	155	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	10637.57	56.58	74.00	-17.42	41.04	10.21	38.93	33.60	193	160	Peak	HORIZONTAL
2	10639.46	43.44	54.00	-10.56	27.90	10.21	38.93	33.60	193	160	Average	HORIZONTAL
3	15958.30	58.27	74.00	-15.73	41.99	12.56	37.85	34.13	116	160	Peak	HORIZONTAL
4	15961.22	44.75	54.00	-9.25	28.47	12.56	37.85	34.13	116	160	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	10640.03	56.73	74.00	-17.27	41.19	10.21	38.93	33.60	148	160	Peak	VERTICAL
2	10640.68	43.51	54.00	-10.49	27.97	10.21	38.93	33.60	148	160	Average	VERTICAL
3	15959.46	44.74	54.00	-9.26	28.46	12.56	37.85	34.13	77	160	Average	VERTICAL
4	15961.07	57.97	74.00	-16.03	41.69	12.56	37.85	34.13	77	160	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	10999.68	43.82	54.00	-10.18	27.65	10.55	39.00	33.38	342	160	Average	HORIZONTAL
2	11000.15	56.96	74.00	-17.04	40.79	10.55	39.00	33.38	342	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10999.37	43.95	54.00	-10.05	27.78	10.55	39.00	33.38	268	160	Average	VERTICAL
2	11000.70	57.07	74.00	-16.93	40.90	10.55	39.00	33.38	268	160	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11159.33	57.50	74.00	-16.50	41.15	10.60	39.13	33.38	301	160	Peak	HORIZONTAL
2	11160.98	43.93	54.00	-10.07	27.58	10.60	39.13	33.38	301	160	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	11159.21	56.84	74.00	-17.16	40.49	10.60	39.13	33.38	325	160	Peak	VERTICAL
2	11160.45	44.20	54.00	-9.80	27.85	10.60	39.13	33.38	325	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11399.44	44.68	54.00	-9.32	28.04	10.69	39.32	33.37	226	160	Average	HORIZONTAL
2	11399.60	57.58	74.00	-16.42	40.94	10.69	39.32	33.37	226	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11399.60	44.86	54.00	-9.14	28.22	10.69	39.32	33.37	274	160	Average	VERTICAL
2	11400.02	57.51	74.00	-16.49	40.87	10.69	39.32	33.37	274	160	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11439.52	58.84	74.00	-15.16	42.17	10.69	39.35	33.37	170	160	Peak	HORIZONTAL
2	11440.30	44.77	54.00	-9.23	28.10	10.69	39.35	33.37	170	160	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	11439.56	45.71	54.00	-8.29	29.04	10.69	39.35	33.37	198	160	Average	VERTICAL
2	11440.39	59.56	74.00	-14.44	42.89	10.69	39.35	33.37	198	160	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	15809.07	45.09	54.00	-8.91	28.43	12.57	38.07	33.98	128	160	Average	HORIZONTAL
2	15809.89	57.82	74.00	-16.18	41.16	12.57	38.07	33.98	128	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15809.41	45.21	54.00	-8.79	28.55	12.57	38.07	33.98	148	160	Average	VERTICAL
2	15810.82	58.45	74.00	-15.55	41.79	12.57	38.07	33.98	148	160	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	10619.00	43.52	54.00	-10.48	28.03	10.19	38.92	33.62	105	160	Average	HORIZONTAL
2	10619.74	56.49	74.00	-17.51	41.00	10.19	38.92	33.62	105	160	Peak	HORIZONTAL
3	15929.18	58.22	74.00	-15.78	41.84	12.56	37.90	34.08	54	160	Peak	HORIZONTAL
4	15930.90	45.47	54.00	-8.53	29.11	12.56	37.90	34.10	54	160	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	10620.27	43.46	54.00	-10.54	27.97	10.19	38.92	33.62	104	160	Average	VERTICAL
2	10620.93	56.97	74.00	-17.03	41.48	10.19	38.92	33.62	104	160	Peak	VERTICAL
3	15929.69	59.08	74.00	-14.92	42.70	12.56	37.90	34.08	83	160	Peak	VERTICAL
4	15930.62	45.30	54.00	-8.70	28.94	12.56	37.90	34.10	83	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11019.20	43.94	54.00	-10.06	27.75	10.56	39.01	33.38	159	160	Average	HORIZONTAL
2	11019.98	56.63	74.00	-17.37	40.44	10.56	39.01	33.38	159	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.32	57.03	74.00	-16.97	40.84	10.56	39.01	33.38	132	160	Peak	VERTICAL
2	11020.93	43.95	54.00	-10.05	27.76	10.56	39.01	33.38	132	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11099.20	43.94	54.00	-10.06	27.66	10.58	39.08	33.38	233	160	Average	HORIZONTAL
2	11100.72	57.60	74.00	-16.40	41.32	10.58	39.08	33.38	233	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11099.22	44.15	54.00	-9.85	27.87	10.58	39.08	33.38	183	160	Average	VERTICAL
2	11099.85	56.48	74.00	-17.52	40.20	10.58	39.08	33.38	183	160	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11340.09	44.56	54.00	-9.44	28.00	10.66	39.27	33.37	319	150	Average	HORIZONTAL
2	11340.60	57.35	74.00	-16.65	40.78	10.67	39.27	33.37	319	150	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	11339.98	44.38	54.00	-9.62	27.82	10.66	39.27	33.37	268	150	Average	VERTICAL
2	11339.99	58.29	74.00	-15.71	41.73	10.66	39.27	33.37	268	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11419.21	44.58	54.00	-9.42	27.93	10.69	39.33	33.37	325	150	Average	HORIZONTAL
2	11419.67	57.69	74.00	-16.31	41.04	10.69	39.33	33.37	325	150	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	11420.86	44.83	54.00	-9.17	28.18	10.69	39.33	33.37	353	150	Average	VERTICAL
2	11420.99	57.61	74.00	-16.39	40.96	10.69	39.33	33.37	353	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	15870.34	58.13	74.00	-15.87	41.62	12.57	37.97	34.03	241	150	Peak	HORIZONTAL
2	15870.94	44.82	54.00	-9.18	28.31	12.57	37.97	34.03	241	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15870.68	45.30	54.00	-8.70	28.79	12.57	37.97	34.03	295	150	Average	VERTICAL
2	15870.69	57.83	74.00	-16.17	41.32	12.57	37.97	34.03	295	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11059.36	43.84	54.00	-10.16	27.60	10.57	39.05	33.38	174	150	Average	HORIZONTAL
2	11060.78	57.07	74.00	-16.93	40.82	10.58	39.05	33.38	174	150	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	11059.98	43.98	54.00	-10.02	27.73	10.58	39.05	33.38	214	150	Average	VERTICAL
2	11060.99	57.36	74.00	-16.64	41.11	10.58	39.05	33.38	214	150	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11219.44	56.82	74.00	-17.18	40.40	10.63	39.17	33.38	122	150	Peak	HORIZONTAL
2	11219.79	43.69	54.00	-10.31	27.27	10.63	39.17	33.38	122	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11219.41	56.79	74.00	-17.21	40.37	10.63	39.17	33.38	149	150	Peak	VERTICAL
2	11219.45	43.76	54.00	-10.24	27.34	10.63	39.17	33.38	149	150	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Feb. 01, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

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	11379.28	44.54	54.00	-9.46	27.92	10.68	39.31	33.37	59	150	Average	HORIZONTAL
2	11380.40	57.54	74.00	-16.46	40.92	10.68	39.31	33.37	59	150	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	11380.21	44.48	54.00	-9.52	27.86	10.68	39.31	33.37	97	150	Average	VERTICAL
2	11380.52	57.62	74.00	-16.38	41.00	10.68	39.31	33.37	97	150	Peak	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15772.82	45.98	54.00	-8.02	29.23	12.57	38.11	33.93	216	200	Average	HORIZONTAL
2	15789.26	58.97	74.00	-15.03	42.26	12.57	38.09	33.95	216	200	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	15778.33	59.27	74.00	-14.73	42.54	12.57	38.11	33.95	336	200	Peak	VERTICAL
2	15780.54	46.23	54.00	-7.77	29.50	12.57	38.11	33.95	336	200	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 60 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10602.85	44.17	54.00	-9.83	28.68	10.19	38.92	33.62	331	200	Average	HORIZONTAL
2	10607.34	58.92	74.00	-15.08	43.43	10.19	38.92	33.62	331	200	Peak	HORIZONTAL
3	15901.12	46.37	54.00	-7.63	29.93	12.57	37.92	34.05	331	200	Average	HORIZONTAL
4	15908.62	59.23	74.00	-14.77	42.83	12.56	37.92	34.08	331	200	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	10594.97	44.22	54.00	-9.78	28.77	10.16	38.92	33.63	38	200	Average	VERTICAL
2	10600.10	57.69	74.00	-16.31	42.24	10.16	38.92	33.63	38	200	Peak	VERTICAL
3	15901.92	46.10	54.00	-7.90	29.66	12.57	37.92	34.05	38	200	Average	VERTICAL
4	15902.15	59.53	74.00	-14.47	43.09	12.57	37.92	34.05	38	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 64 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10632.18	57.37	74.00	-16.63	41.83	10.21	38.93	33.60	102	200	Peak	HORIZONTAL
2	10642.82	43.97	54.00	-10.03	28.43	10.21	38.93	33.60	102	200	Average	HORIZONTAL
3	15950.45	46.04	54.00	-7.96	29.71	12.56	37.87	34.10	102	200	Average	HORIZONTAL
4	15958.17	59.68	74.00	-14.32	43.40	12.56	37.85	34.13	102	200	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	10644.10	58.27	74.00	-15.73	42.73	10.21	38.93	33.60	164	200	Peak	VERTICAL
2	10644.29	44.23	54.00	-9.77	28.69	10.21	38.93	33.60	164	200	Average	VERTICAL
3	15952.69	45.84	54.00	-8.16	29.53	12.56	37.85	34.10	164	200	Average	VERTICAL
4	15961.70	59.57	74.00	-14.43	43.29	12.56	37.85	34.13	164	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10992.53	58.23	74.00	-15.77	42.06	10.55	39.00	33.38	350	200	Peak	HORIZONTAL
2	11007.56	44.50	54.00	-9.50	28.32	10.55	39.01	33.38	350	200	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	11007.79	57.87	74.00	-16.13	41.69	10.55	39.01	33.38	314	200	Peak	VERTICAL
2	11008.40	44.65	54.00	-9.35	28.47	10.55	39.01	33.38	314	200	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 116 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11153.08	44.55	54.00	-9.45	28.21	10.60	39.12	33.38	62	200	Average	HORIZONTAL
2	11155.54	58.18	74.00	-15.82	41.84	10.60	39.12	33.38	62	200	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	11164.26	44.55	54.00	-9.45	28.19	10.61	39.13	33.38	153	200	Average	VERTICAL
2	11166.96	58.32	74.00	-15.68	41.96	10.61	39.13	33.38	153	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 140 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11399.68	58.09	74.00	-15.91	41.45	10.69	39.32	33.37	47	200	Peak	HORIZONTAL
2	11409.46	45.12	54.00	-8.88	28.48	10.69	39.32	33.37	47	200	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	11398.65	58.68	74.00	-15.32	42.04	10.69	39.32	33.37	333	200	Peak	VERTICAL
2	11406.54	45.32	54.00	-8.68	28.68	10.69	39.32	33.37	333	200	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11444.07	58.95	74.00	-15.05	42.27	10.70	39.35	33.37	271	200	Peak	HORIZONTAL
2	11447.56	45.41	54.00	-8.59	28.72	10.70	39.36	33.37	271	200	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	11439.07	45.70	54.00	-8.30	29.03	10.69	39.35	33.37	308	200	Average	VERTICAL
2	11442.31	58.31	74.00	-15.69	41.63	10.70	39.35	33.37	308	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15803.17	59.47	74.00	-14.53	42.81	12.57	38.07	33.98	37	200	Peak	HORIZONTAL
2	15804.07	45.88	54.00	-8.12	29.22	12.57	38.07	33.98	37	200	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	15808.59	59.40	74.00	-14.60	42.74	12.57	38.07	33.98	139	200	Peak	VERTICAL
2	15812.02	46.05	54.00	-7.95	29.39	12.57	38.07	33.98	139	200	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 62 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	10622.60	57.77	74.00	-16.23	42.28	10.19	38.92	33.62	313	200	Peak	HORIZONTAL
2	10626.28	43.94	54.00	-10.06	28.41	10.21	38.92	33.60	313	200	Average	HORIZONTAL
3	15932.21	46.34	54.00	-7.66	29.98	12.56	37.90	34.10	313	200	Average	HORIZONTAL
4	15938.78	59.44	74.00	-14.56	43.11	12.56	37.87	34.10	313	200	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	10611.92	43.97	54.00	-10.03	28.48	10.19	38.92	33.62	180	200	Average	VERTICAL
2	10627.76	56.78	74.00	-17.22	41.25	10.21	38.92	33.60	180	200	Peak	VERTICAL
3	15932.92	46.33	54.00	-7.67	29.97	12.56	37.90	34.10	180	200	Average	VERTICAL
4	15939.46	60.20	74.00	-13.80	43.87	12.56	37.87	34.10	180	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11010.06	44.46	54.00	-9.54	28.27	10.56	39.01	33.38	197	200	Average	HORIZONTAL
2	11022.28	58.00	74.00	-16.00	41.79	10.56	39.03	33.38	197	200	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	11028.75	58.38	74.00	-15.62	42.17	10.56	39.03	33.38	247	200	Peak	VERTICAL
2	11029.29	44.65	54.00	-9.35	28.44	10.56	39.03	33.38	247	200	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 110 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11095.48	44.32	54.00	-9.68	28.04	10.58	39.08	33.38	268	200	Average	HORIZONTAL
2	11099.71	57.50	74.00	-16.50	41.22	10.58	39.08	33.38	268	200	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	11105.16	57.70	74.00	-16.30	41.42	10.58	39.08	33.38	317	200	Peak	VERTICAL
2	11105.67	44.54	54.00	-9.46	28.26	10.58	39.08	33.38	317	200	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 134 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11338.65	44.86	54.00	-9.14	28.30	10.66	39.27	33.37	76	200	Average	HORIZONTAL
2	11349.74	57.93	74.00	-16.07	41.35	10.67	39.28	33.37	76	200	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	11337.79	58.23	74.00	-15.77	41.67	10.66	39.27	33.37	40	200	Peak	VERTICAL
2	11340.22	44.91	54.00	-9.09	28.35	10.66	39.27	33.37	40	200	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11413.85	58.64	74.00	-15.36	41.99	10.69	39.33	33.37	179	200	Peak	HORIZONTAL
2	11429.13	45.46	54.00	-8.54	28.81	10.69	39.33	33.37	179	200	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	11419.87	45.23	54.00	-8.77	28.58	10.69	39.33	33.37	124	200	Average	VERTICAL
2	11421.60	58.87	74.00	-15.13	42.22	10.69	39.33	33.37	124	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 58 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	15874.42	58.94	74.00	-15.06	42.43	12.57	37.97	34.03	294	200	Peak	HORIZONTAL
2	15878.53	45.78	54.00	-8.22	29.27	12.57	37.97	34.03	294	200	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	15870.67	45.76	54.00	-8.24	29.25	12.57	37.97	34.03	340	200	Average	VERTICAL
2	15872.79	58.94	74.00	-15.06	42.43	12.57	37.97	34.03	340	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11057.85	57.56	74.00	-16.44	41.32	10.57	39.05	33.38	306	200	Peak	HORIZONTAL
2	11066.25	44.28	54.00	-9.72	28.03	10.58	39.05	33.38	306	200	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	11051.15	44.39	54.00	-9.61	28.16	10.57	39.04	33.38	334	200	Average	VERTICAL
2	11068.62	57.58	74.00	-16.42	41.33	10.58	39.05	33.38	334	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 122 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11218.17	57.17	74.00	-16.83	40.75	10.63	39.17	33.38	71	200	Peak	HORIZONTAL
2	11225.38	44.06	54.00	-9.94	27.64	10.63	39.17	33.38	71	200	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	11211.67	44.32	54.00	-9.68	27.91	10.62	39.17	33.38	126	200	Average	VERTICAL
2	11218.43	58.15	74.00	-15.85	41.73	10.63	39.17	33.38	126	200	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 138 / Chain 4 + Chain 5
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

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	11382.02	58.53	74.00	-15.47	41.91	10.68	39.31	33.37	286	200	Peak	HORIZONTAL
2	11385.83	44.89	54.00	-9.11	28.27	10.68	39.31	33.37	286	200	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	11381.54	57.91	74.00	-16.09	41.29	10.68	39.31	33.37	332	200	Peak	VERTICAL
2	11389.78	44.97	54.00	-9.03	28.35	10.68	39.31	33.37	332	200	Average	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15770.67	45.65	54.00	-8.35	28.90	12.57	38.11	33.93	356	190	Average	HORIZONTAL
2	15776.83	58.29	74.00	-15.71	41.54	12.57	38.11	33.93	356	190	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	15775.71	59.13	74.00	-14.87	42.38	12.57	38.11	33.93	338	190	Peak	VERTICAL
2	15778.97	45.92	54.00	-8.08	29.19	12.57	38.11	33.95	338	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 60 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10596.70	43.94	54.00	-10.06	28.49	10.16	38.92	33.63	346	190	Average	HORIZONTAL
2	10605.26	56.59	74.00	-17.41	41.10	10.19	38.92	33.62	346	190	Peak	HORIZONTAL
3	15902.98	45.62	54.00	-8.38	29.18	12.57	37.92	34.05	335	190	Average	HORIZONTAL
4	15907.63	59.32	74.00	-14.68	42.92	12.56	37.92	34.08	335	190	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	10604.65	57.99	74.00	-16.01	42.50	10.19	38.92	33.62	70	190	Peak	VERTICAL
2	10610.00	43.63	54.00	-10.37	28.14	10.19	38.92	33.62	70	190	Average	VERTICAL
3	15904.65	58.93	74.00	-15.07	42.49	12.57	37.92	34.05	88	190	Peak	VERTICAL
4	15908.21	45.78	54.00	-8.22	29.38	12.56	37.92	34.08	88	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10633.37	57.63	74.00	-16.37	42.09	10.21	38.93	33.60	77	190	Peak	HORIZONTAL
2	10637.88	43.83	54.00	-10.17	28.29	10.21	38.93	33.60	77	190	Average	HORIZONTAL
3	15950.03	45.49	54.00	-8.51	29.16	12.56	37.87	34.10	70	190	Average	HORIZONTAL
4	15964.84	57.87	74.00	-16.13	41.59	12.56	37.85	34.13	70	190	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	10630.77	57.27	74.00	-16.73	41.73	10.21	38.93	33.60	22	190	Peak	VERTICAL
2	10634.01	43.85	54.00	-10.15	28.31	10.21	38.93	33.60	22	190	Average	VERTICAL
3	15956.38	58.96	74.00	-15.04	42.68	12.56	37.85	34.13	30	190	Peak	VERTICAL
4	15957.40	45.20	54.00	-8.80	28.92	12.56	37.85	34.13	30	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10998.14	44.33	54.00	-9.67	28.16	10.55	39.00	33.38	322	190	Average	HORIZONTAL
2	11000.96	56.93	74.00	-17.07	40.76	10.55	39.00	33.38	322	190	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	10994.52	57.19	74.00	-16.81	41.02	10.55	39.00	33.38	348	190	Peak	VERTICAL
2	11009.78	44.39	54.00	-9.61	28.20	10.56	39.01	33.38	348	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 116 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11158.46	44.18	54.00	-9.82	27.83	10.60	39.13	33.38	71	190	Average	HORIZONTAL
2	11159.52	58.34	74.00	-15.66	41.99	10.60	39.13	33.38	71	190	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	11156.28	44.18	54.00	-9.82	27.84	10.60	39.12	33.38	85	190	Average	VERTICAL
2	11158.21	56.57	74.00	-17.43	40.22	10.60	39.13	33.38	85	190	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11392.08	44.89	54.00	-9.11	28.26	10.69	39.31	33.37	30	190	Average	HORIZONTAL
2	11394.97	57.84	74.00	-16.16	41.21	10.69	39.31	33.37	30	190	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	11393.62	58.98	74.00	-15.02	42.35	10.69	39.31	33.37	16	190	Peak	VERTICAL
2	11408.37	44.81	54.00	-9.19	28.17	10.69	39.32	33.37	16	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11434.94	45.12	54.00	-8.88	28.45	10.69	39.35	33.37	29	190	Average	HORIZONTAL
2	11441.12	57.71	74.00	-16.29	41.04	10.69	39.35	33.37	29	190	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	11440.29	58.88	74.00	-15.12	42.21	10.69	39.35	33.37	53	190	Peak	VERTICAL
2	11440.38	45.22	54.00	-8.78	28.55	10.69	39.35	33.37	53	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15808.40	59.27	74.00	-14.73	42.61	12.57	38.07	33.98	42	190	Peak	HORIZONTAL
2	15817.82	45.71	54.00	-8.29	29.08	12.57	38.04	33.98	42	190	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	15814.55	59.33	74.00	-14.67	42.67	12.57	38.07	33.98	24	190	Peak	VERTICAL
2	15818.88	45.70	54.00	-8.30	29.07	12.57	38.04	33.98	24	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	10618.27	56.58	74.00	-17.42	41.09	10.19	38.92	33.62	69	190	Peak	HORIZONTAL
2	10626.79	43.59	54.00	-10.41	28.06	10.21	38.92	33.60	69	190	Average	HORIZONTAL
3	15925.54	45.94	54.00	-8.06	29.56	12.56	37.90	34.08	113	190	Average	HORIZONTAL
4	15925.74	58.71	74.00	-15.29	42.33	12.56	37.90	34.08	113	190	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	10617.02	43.60	54.00	-10.40	28.11	10.19	38.92	33.62	335	190	Average	VERTICAL
2	10617.28	58.11	74.00	-15.89	42.62	10.19	38.92	33.62	335	190	Peak	VERTICAL
3	15923.69	45.68	54.00	-8.32	29.30	12.56	37.90	34.08	338	190	Average	VERTICAL
4	15936.60	59.40	74.00	-14.60	43.07	12.56	37.87	34.10	338	190	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11010.03	44.21	54.00	-9.79	28.02	10.56	39.01	33.38	297	190	Average	HORIZONTAL
2	11028.27	57.48	74.00	-16.52	41.27	10.56	39.03	33.38	297	190	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	11015.13	44.28	54.00	-9.72	28.09	10.56	39.01	33.38	334	190	Average	VERTICAL
2	11024.68	56.82	74.00	-17.18	40.61	10.56	39.03	33.38	334	190	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 110 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11095.00	44.18	54.00	-9.82	27.90	10.58	39.08	33.38	73	190	Average	HORIZONTAL
2	11100.93	57.86	74.00	-16.14	41.58	10.58	39.08	33.38	73	190	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	11094.97	57.32	74.00	-16.68	41.04	10.58	39.08	33.38	48	190	Peak	VERTICAL
2	11103.69	44.20	54.00	-9.80	27.92	10.58	39.08	33.38	48	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11334.94	44.51	54.00	-9.49	27.95	10.66	39.27	33.37	37	190	Average	HORIZONTAL
2	11345.80	58.01	74.00	-15.99	41.43	10.67	39.28	33.37	37	190	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	11330.48	57.76	74.00	-16.24	41.20	10.66	39.27	33.37	17	190	Peak	VERTICAL
2	11334.94	44.65	54.00	-9.35	28.09	10.66	39.27	33.37	17	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11414.84	58.61	74.00	-15.39	41.96	10.69	39.33	33.37	114	190	Peak	HORIZONTAL
2	11420.13	44.89	54.00	-9.11	28.24	10.69	39.33	33.37	114	190	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	11410.51	58.08	74.00	-15.92	41.44	10.69	39.32	33.37	84	190	Peak	VERTICAL
2	11429.78	45.03	54.00	-8.97	28.36	10.69	39.35	33.37	84	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 58 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	15870.58	58.68	74.00	-15.32	42.17	12.57	37.97	34.03	324	190	Peak	HORIZONTAL
2	15871.09	45.56	54.00	-8.44	29.05	12.57	37.97	34.03	324	190	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	15866.99	58.49	74.00	-15.51	41.98	12.57	37.97	34.03	340	190	Peak	VERTICAL
2	15872.82	45.53	54.00	-8.47	29.02	12.57	37.97	34.03	340	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11051.51	57.58	74.00	-16.42	41.35	10.57	39.04	33.38	48	190	Peak	HORIZONTAL
2	11052.40	44.33	54.00	-9.67	28.10	10.57	39.04	33.38	48	190	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	11056.12	44.44	54.00	-9.56	28.20	10.57	39.05	33.38	36	190	Average	VERTICAL
2	11069.90	57.36	74.00	-16.64	41.11	10.58	39.05	33.38	36	190	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 122 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11212.53	57.55	74.00	-16.45	41.14	10.62	39.17	33.38	0	194	Peak	HORIZONTAL
2	11215.35	44.37	54.00	-9.63	27.95	10.63	39.17	33.38	0	194	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	11211.28	57.64	74.00	-16.36	41.23	10.62	39.17	33.38	48	194	Peak	VERTICAL
2	11215.58	44.52	54.00	-9.48	28.10	10.63	39.17	33.38	48	194	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 29, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

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	11375.80	57.96	74.00	-16.04	41.36	10.68	39.29	33.37	305	194	Peak	HORIZONTAL
2	11388.27	45.09	54.00	-8.91	28.47	10.68	39.31	33.37	305	194	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	11375.22	58.02	74.00	-15.98	41.42	10.68	39.29	33.37	344	194	Peak	VERTICAL
2	11376.73	45.21	54.00	-8.79	28.61	10.68	39.29	33.37	344	194	Average	VERTICAL

Note:

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

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

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

4.7. Band Edge Emissions Measurement

4.7.1. Limit

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

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

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

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

4.7.2. Measuring Instruments and Setting

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

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

4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3, only the frequency range investigated is limited to 100MHz around bandedges.

4.7.4. Test Setup Layout

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

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

For Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

The EUT was programmed to be in beamforming transmitting mode.

For STBC mode:

The EUT was programmed to be in continuously transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

<For Non-Beamforming Mode>

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.20	62.65	74.00	-11.35	55.42	6.17	34.11	33.05	311	185	Peak	VERTICAL
2	5141.80	49.83	54.00	-4.17	42.60	6.17	34.11	33.05	311	185	Average	VERTICAL
3	5257.60	106.70			99.17	6.34	34.25	33.06	311	185	Average	VERTICAL
4	5258.80	118.26			110.71	6.34	34.27	33.06	311	185	Peak	VERTICAL
5	5376.40	52.86	54.00	-1.14	45.01	6.50	34.41	33.06	311	185	Average	VERTICAL
6	5377.00	65.59	74.00	-8.41	57.74	6.50	34.41	33.06	311	185	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5303.00	116.41			108.75	6.40	34.32	33.06	314	182	Peak	VERTICAL
2	5307.80	105.35			97.69	6.40	34.32	33.06	314	182	Average	VERTICAL
3	5357.00	68.41	74.00	-5.59	60.61	6.47	34.39	33.06	314	182	Peak	VERTICAL
4	5373.80	52.86	54.00	-1.14	45.01	6.50	34.41	33.06	314	182	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5321.20	104.30			96.62	6.40	34.34	33.06	308	190	Average	VERTICAL
2	5321.80	115.66			107.98	6.40	34.34	33.06	308	190	Peak	VERTICAL
3	5350.00	52.55	54.00	-1.45	44.75	6.47	34.39	33.06	308	190	Average	VERTICAL
4	5350.00	68.13	74.00	-5.87	60.33	6.47	34.39	33.06	308	190	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 100

	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	5382.40	50.24	54.00	-3.76	42.36	6.50	34.44	33.06	306	190	Average	VERTICAL
2	5460.00	66.20	74.00	-7.80	58.13	6.60	34.53	33.06	306	190	Peak	VERTICAL
3	5469.40	69.75	74.00	-4.25	61.66	6.60	34.55	33.06	306	190	Peak	VERTICAL
4	5470.00	52.62	54.00	-1.38	44.53	6.60	34.55	33.06	306	190	Average	VERTICAL
5	5497.60	115.05			106.88	6.63	34.60	33.06	306	190	Peak	VERTICAL
6	5498.80	103.81			95.64	6.63	34.60	33.06	306	190	Average	VERTICAL

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

Channel 116

	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	5438.40	49.97	54.00	-4.03	41.96	6.56	34.51	33.06	311	161	Average	VERTICAL
2	5458.80	64.26	74.00	-9.74	56.19	6.60	34.53	33.06	311	161	Peak	VERTICAL
3	5467.00	62.33	74.00	-11.67	54.24	6.60	34.55	33.06	311	161	Peak	VERTICAL
4	5467.60	49.67	54.00	-4.33	41.58	6.60	34.55	33.06	311	161	Average	VERTICAL
5	5579.40	119.81			111.55	6.72	34.63	33.09	311	161	Peak	VERTICAL
6	5581.20	108.96			100.70	6.72	34.63	33.09	311	161	Average	VERTICAL
7	5725.00	49.12	54.00	-4.88	40.73	6.83	34.69	33.13	311	161	Average	VERTICAL
8	5727.00	62.93	74.00	-11.07	54.54	6.83	34.69	33.13	311	161	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5698.80	103.53			95.16	6.81	34.68	33.12	36	179	Average	VERTICAL
2	5701.80	114.44			106.07	6.81	34.68	33.12	36	179	Peak	VERTICAL
3	5725.00	52.94	54.00	-1.06	44.55	6.83	34.69	33.13	36	179	Average	VERTICAL
4	5737.80	69.53	74.00	-4.47	61.11	6.86	34.70	33.14	36	179	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 144

	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	5720.00	120.20			111.81	6.83	34.69	33.13	310	187	Peak	VERTICAL
2	5721.20	108.86			100.47	6.83	34.69	33.13	310	187	Average	VERTICAL
3	5850.80	62.19	68.20	-6.01	53.67	6.95	34.74	33.17	310	187	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 54

	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	5266.40	103.43			95.88	6.34	34.27	33.06	305	164	Average	VERTICAL
2	5267.00	112.73			105.18	6.34	34.27	33.06	305	164	Peak	VERTICAL
3	5351.60	52.79	54.00	-1.21	44.99	6.47	34.39	33.06	305	164	Average	VERTICAL
4	5352.80	65.66	74.00	-8.34	57.86	6.47	34.39	33.06	305	164	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5307.00	99.88			92.22	6.40	34.32	33.06	311	186	Average	VERTICAL
2	5322.60	109.99			102.28	6.43	34.34	33.06	311	186	Peak	VERTICAL
3	5350.80	68.46	74.00	-5.54	60.66	6.47	34.39	33.06	311	186	Peak	VERTICAL
4	5352.00	52.91	54.00	-1.09	45.11	6.47	34.39	33.06	311	186	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 102

	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	5445.80	50.31	54.00	-3.69	42.28	6.56	34.53	33.06	309	177	Average	VERTICAL
2	5458.40	66.12	74.00	-7.88	58.05	6.60	34.53	33.06	309	177	Peak	VERTICAL
3	5468.00	69.82	74.00	-4.18	61.73	6.60	34.55	33.06	309	177	Peak	VERTICAL
4	5470.00	52.84	54.00	-1.16	44.75	6.60	34.55	33.06	309	177	Average	VERTICAL
5	5504.60	98.75			90.57	6.65	34.60	33.07	309	177	Average	VERTICAL
6	5516.00	108.85			100.66	6.65	34.61	33.07	309	177	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5433.60	52.52	54.00	-1.48	44.51	6.56	34.51	33.06	311	199	Average	VERTICAL
2	5436.60	64.53	74.00	-9.47	56.52	6.56	34.51	33.06	311	199	Peak	VERTICAL
3	5469.40	66.79	74.00	-7.21	58.70	6.60	34.55	33.06	311	199	Peak	VERTICAL
4	5470.00	52.28	54.00	-1.72	44.19	6.60	34.55	33.06	311	199	Average	VERTICAL
5	5553.00	104.51			96.27	6.70	34.62	33.08	311	199	Average	VERTICAL
6	5553.60	114.71			106.47	6.70	34.62	33.08	311	199	Peak	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	5665.20	111.24			102.91	6.79	34.66	33.12	310	208	Peak	VERTICAL
2	5665.80	101.26			92.93	6.79	34.66	33.12	310	208	Average	VERTICAL
3	5725.00	72.03	74.00	-1.97	63.64	6.83	34.69	33.13	310	208	Peak	VERTICAL
4	5727.00	52.59	54.00	-1.41	44.20	6.83	34.69	33.13	310	208	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.20	115.70			107.32	6.83	34.68	33.13	308	191	Peak	VERTICAL
2	5727.40	105.80			97.41	6.83	34.69	33.13	308	191	Average	VERTICAL
3	5851.00	66.52	68.20	-1.68	58.00	6.95	34.74	33.17	308	191	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 58

	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	5079.00	48.05	54.00	-5.95	40.97	6.11	34.02	33.05	36	201	Average	VERTICAL
2	5141.00	60.19	74.00	-13.81	52.96	6.17	34.11	33.05	36	201	Peak	VERTICAL
3	5303.00	93.27			85.61	6.40	34.32	33.06	36	201	Average	VERTICAL
4	5304.00	102.98			95.32	6.40	34.32	33.06	36	201	Peak	VERTICAL
5	5354.00	52.90	54.00	-1.10	45.10	6.47	34.39	33.06	36	201	Average	VERTICAL
6	5354.00	63.94	74.00	-10.06	56.14	6.47	34.39	33.06	36	201	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5436.00	52.08	54.00	-1.92	44.07	6.56	34.51	33.06	311	190	Average	VERTICAL
2	5437.00	64.39	74.00	-9.61	56.38	6.56	34.51	33.06	311	190	Peak	VERTICAL
3	5468.00	63.48	74.00	-10.52	55.39	6.60	34.55	33.06	311	190	Peak	VERTICAL
4	5470.00	52.77	54.00	-1.23	44.68	6.60	34.55	33.06	311	190	Average	VERTICAL
5	5539.00	106.44			98.23	6.68	34.61	33.08	311	190	Peak	VERTICAL
6	5540.00	95.62			87.41	6.68	34.61	33.08	311	190	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 122

	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	5376.00	63.08	74.00	-10.92	55.23	6.50	34.41	33.06	308	189	Peak	VERTICAL
2	5453.00	50.63	54.00	-3.37	42.56	6.60	34.53	33.06	308	189	Average	VERTICAL
3	5470.00	51.58	54.00	-2.42	43.49	6.60	34.55	33.06	308	189	Average	VERTICAL
4	5470.00	63.78	74.00	-10.22	55.69	6.60	34.55	33.06	308	189	Peak	VERTICAL
5	5601.00	109.80			101.53	6.72	34.64	33.09	308	189	Peak	VERTICAL
6	5602.00	100.36			92.09	6.72	34.64	33.09	308	189	Average	VERTICAL
7	5725.00	52.97	54.00	-1.03	44.58	6.83	34.69	33.13	308	189	Average	VERTICAL
8	5737.00	67.38	74.00	-6.62	58.96	6.86	34.70	33.14	308	189	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5661.00	101.80			93.47	6.79	34.66	33.12	306	196	Average	VERTICAL
2	5665.00	111.12			102.79	6.79	34.66	33.12	306	196	Peak	VERTICAL
3	5851.00	66.47	68.20	-1.73	57.95	6.95	34.74	33.17	306	196	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 52

	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	5038.00	49.86	54.00	-4.14	42.90	6.04	33.97	33.05	165	198	Average	VERTICAL
2	5148.00	62.30	74.00	-11.70	55.03	6.21	34.11	33.05	165	198	Peak	VERTICAL
3	5261.00	107.80			100.25	6.34	34.27	33.06	165	198	Average	VERTICAL
4	5261.00	118.13			110.58	6.34	34.27	33.06	165	198	Peak	VERTICAL
5	5381.00	52.91	54.00	-1.09	45.03	6.50	34.44	33.06	165	198	Average	VERTICAL
6	5384.00	65.05	74.00	-8.95	57.17	6.50	34.44	33.06	165	198	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5299.00	107.38			99.72	6.40	34.32	33.06	231	192	Average	VERTICAL
2	5301.00	117.97			110.31	6.40	34.32	33.06	231	192	Peak	VERTICAL
3	5382.00	52.99	54.00	-1.01	45.11	6.50	34.44	33.06	231	192	Average	VERTICAL
4	5387.00	64.24	74.00	-9.76	56.36	6.50	34.44	33.06	231	192	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5321.00	106.21			98.53	6.40	34.34	33.06	165	187	Average	VERTICAL
2	5321.00	116.06			108.38	6.40	34.34	33.06	165	187	Peak	VERTICAL
3	5350.00	52.78	54.00	-1.22	44.98	6.47	34.39	33.06	165	187	Average	VERTICAL
4	5351.00	68.71	74.00	-5.29	60.91	6.47	34.39	33.06	165	187	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 100

	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	5378.00	51.01	54.00	-2.99	43.13	6.50	34.44	33.06	141	213	Average	VERTICAL
2	5456.00	66.10	74.00	-7.90	58.03	6.60	34.53	33.06	141	213	Peak	VERTICAL
3	5469.00	68.96	74.00	-5.04	60.87	6.60	34.55	33.06	141	213	Peak	VERTICAL
4	5470.00	52.62	54.00	-1.38	44.53	6.60	34.55	33.06	141	213	Average	VERTICAL
5	5501.00	106.53			98.35	6.65	34.60	33.07	141	213	Average	VERTICAL
6	5501.00	117.89			109.71	6.65	34.60	33.07	141	213	Peak	VERTICAL

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

Channel 116

	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	5341.00	63.57	74.00	-10.43	55.83	6.43	34.37	33.06	347	200	Peak	VERTICAL
2	5460.00	51.69	54.00	-2.31	43.62	6.60	34.53	33.06	347	200	Average	VERTICAL
3	5463.00	51.72	54.00	-2.28	43.63	6.60	34.55	33.06	347	200	Average	VERTICAL
4	5464.00	64.38	74.00	-9.62	56.29	6.60	34.55	33.06	347	200	Peak	VERTICAL
5	5578.00	111.63			103.37	6.72	34.63	33.09	347	200	Average	VERTICAL
6	5578.00	122.25			113.99	6.72	34.63	33.09	347	200	Peak	VERTICAL
7	5806.00	63.63	74.00	-10.37	55.17	6.90	34.72	33.16	347	200	Peak	VERTICAL
8	5813.00	50.49	54.00	-3.51	42.01	6.92	34.72	33.16	347	200	Average	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5699.00	102.51			94.14	6.81	34.68	33.12	337	227	Average	VERTICAL
2	5704.00	112.80			104.43	6.81	34.68	33.12	337	227	Peak	VERTICAL
3	5819.00	65.16	74.00	-8.84	56.68	6.92	34.72	33.16	337	227	Peak	VERTICAL
4	5938.00	52.72	54.00	-1.28	44.12	7.03	34.77	33.20	337	227	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 144

	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	5719.00	111.40			103.01	6.83	34.69	33.13	309	163	Average	VERTICAL
2	5722.00	122.59			114.20	6.83	34.69	33.13	309	163	Peak	VERTICAL
3	5851.00	63.88	68.20	-4.32	55.36	6.95	34.74	33.17	309	163	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 54

	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	5266.00	112.25			104.70	6.34	34.27	33.06	190	204	Peak	VERTICAL
2	5268.00	102.13			94.58	6.34	34.27	33.06	190	204	Average	VERTICAL
3	5356.00	52.94	54.00	-1.06	45.14	6.47	34.39	33.06	190	204	Average	VERTICAL
4	5364.00	64.71	74.00	-9.29	56.89	6.47	34.41	33.06	190	204	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5316.00	100.94			93.26	6.40	34.34	33.06	167	190	Average	VERTICAL
2	5317.00	110.42			102.74	6.40	34.34	33.06	167	190	Peak	VERTICAL
3	5351.00	52.88	54.00	-1.12	45.08	6.47	34.39	33.06	167	190	Average	VERTICAL
4	5351.00	67.52	74.00	-6.48	59.72	6.47	34.39	33.06	167	190	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 102

	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	5456.00	65.38	74.00	-8.62	57.31	6.60	34.53	33.06	168	221	Peak	VERTICAL
2	5460.00	51.30	54.00	-2.70	43.23	6.60	34.53	33.06	168	221	Average	VERTICAL
3	5466.00	52.80	54.00	-1.20	44.71	6.60	34.55	33.06	168	221	Average	VERTICAL
4	5466.00	69.72	74.00	-4.28	61.63	6.60	34.55	33.06	168	221	Peak	VERTICAL
5	5506.00	101.06			92.88	6.65	34.60	33.07	168	221	Average	VERTICAL
6	5506.00	110.70			102.52	6.65	34.60	33.07	168	221	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5433.00	52.82	54.00	-1.18	44.81	6.56	34.51	33.06	227	197	Average	VERTICAL
2	5436.00	65.40	74.00	-8.60	57.39	6.56	34.51	33.06	227	197	Peak	VERTICAL
3	5468.00	66.89	74.00	-7.11	58.80	6.60	34.55	33.06	227	197	Peak	VERTICAL
4	5470.00	52.29	54.00	-1.71	44.20	6.60	34.55	33.06	227	197	Average	VERTICAL
5	5544.00	105.96			97.75	6.68	34.61	33.08	227	197	Average	VERTICAL
6	5544.00	115.62			107.41	6.68	34.61	33.08	227	197	Peak	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	5657.00	103.98			95.65	6.79	34.66	33.12	309	181	Average	VERTICAL
2	5657.00	114.18			105.85	6.79	34.66	33.12	309	181	Peak	VERTICAL
3	5725.00	52.79	54.00	-1.21	44.40	6.83	34.69	33.13	309	181	Average	VERTICAL
4	5729.00	70.83	74.00	-3.17	62.44	6.83	34.69	33.13	309	181	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 142

	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	5704.00	109.07			100.70	6.81	34.68	33.12	308	184	Average	VERTICAL
2	5707.00	119.37			110.99	6.83	34.68	33.13	308	184	Peak	VERTICAL
3	5854.00	66.69	68.20	-1.51	58.17	6.95	34.74	33.17	308	184	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 58

	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	5263.00	104.15			96.60	6.34	34.27	33.06	167	199	Peak	VERTICAL
2	5318.00	95.07			87.39	6.40	34.34	33.06	167	199	Average	VERTICAL
3	5351.00	68.90	74.00	-5.10	61.10	6.47	34.39	33.06	167	199	Peak	VERTICAL
4	5353.00	52.74	54.00	-1.26	44.94	6.47	34.39	33.06	167	199	Average	VERTICAL

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

Channel 106

	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	5451.00	66.60	74.00	-7.40	58.53	6.60	34.53	33.06	311	201	Peak	VERTICAL
2	5456.00	51.45	54.00	-2.55	43.38	6.60	34.53	33.06	311	201	Average	VERTICAL
3	5469.00	52.90	54.00	-1.10	44.81	6.60	34.55	33.06	311	201	Average	VERTICAL
4	5469.00	68.64	74.00	-5.36	60.55	6.60	34.55	33.06	311	201	Peak	VERTICAL
5	5536.00	97.11			88.90	6.68	34.61	33.08	311	201	Average	VERTICAL
6	5544.00	107.20			98.99	6.68	34.61	33.08	311	201	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 122

	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	5435.00	62.54	74.00	-11.46	54.53	6.56	34.51	33.06	313	208	Peak	VERTICAL
2	5458.00	50.38	54.00	-3.62	42.31	6.60	34.53	33.06	313	208	Average	VERTICAL
3	5468.00	63.41	74.00	-10.59	55.32	6.60	34.55	33.06	313	208	Peak	VERTICAL
4	5470.00	51.00	54.00	-3.00	42.91	6.60	34.55	33.06	313	208	Average	VERTICAL
5	5599.00	102.28			94.01	6.72	34.64	33.09	313	208	Average	VERTICAL
6	5606.00	111.66			103.38	6.74	34.64	33.10	313	208	Peak	VERTICAL
7	5725.00	52.92	54.00	-1.08	44.53	6.83	34.69	33.13	313	208	Average	VERTICAL
8	5728.00	67.31	74.00	-6.69	58.92	6.83	34.69	33.13	313	208	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5664.00	113.31			104.98	6.79	34.66	33.12	310	198	Peak	VERTICAL
2	5702.00	104.19			95.82	6.81	34.68	33.12	310	198	Average	VERTICAL
3	5883.00	67.01	68.20	-1.19	58.47	6.97	34.75	33.18	310	198	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 52

	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	5143.60	48.23	54.00	-5.77	41.00	6.17	34.11	33.05	312	178	Average	VERTICAL
2	5144.20	60.71	74.00	-13.29	53.44	6.21	34.11	33.05	312	178	Peak	VERTICAL
3	5258.80	106.54			98.99	6.34	34.27	33.06	312	178	Average	VERTICAL
4	5258.80	118.14			110.59	6.34	34.27	33.06	312	178	Peak	VERTICAL
5	5378.80	52.80	54.00	-1.20	44.92	6.50	34.44	33.06	312	178	Average	VERTICAL
6	5378.80	65.11	74.00	-8.89	57.23	6.50	34.44	33.06	312	178	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.80	105.46			97.80	6.40	34.32	33.06	226	191	Average	VERTICAL
2	5298.80	116.66			109.00	6.40	34.32	33.06	226	191	Peak	VERTICAL
3	5384.00	52.83	54.00	-1.17	44.95	6.50	34.44	33.06	226	191	Average	VERTICAL
4	5384.00	64.18	74.00	-9.82	56.30	6.50	34.44	33.06	226	191	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5320.60	104.93			97.25	6.40	34.34	33.06	340	192	Average	VERTICAL
2	5321.20	115.49			107.81	6.40	34.34	33.06	340	192	Peak	VERTICAL
3	5396.20	64.07	74.00	-9.93	56.17	6.50	34.46	33.06	340	192	Peak	VERTICAL
4	5401.00	52.85	54.00	-1.15	44.92	6.53	34.46	33.06	340	192	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 100

	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	5426.20	52.39	54.00	-1.61	44.41	6.56	34.48	33.06	142	205	Average	VERTICAL
2	5426.20	64.68	74.00	-9.32	56.70	6.56	34.48	33.06	142	205	Peak	VERTICAL
3	5467.00	70.63	74.00	-3.37	62.54	6.60	34.55	33.06	142	205	Peak	VERTICAL
4	5470.00	51.42	54.00	-2.58	43.33	6.60	34.55	33.06	142	205	Average	VERTICAL
5	5501.20	108.19			100.01	6.65	34.60	33.07	142	205	Average	VERTICAL
6	5501.20	119.80			111.62	6.65	34.60	33.07	142	205	Peak	VERTICAL

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

Channel 116

	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	5456.00	52.93	54.00	-1.07	44.86	6.60	34.53	33.06	336	184	Average	VERTICAL
2	5456.00	64.89	74.00	-9.11	56.82	6.60	34.53	33.06	336	184	Peak	VERTICAL
3	5461.60	64.12	74.00	-9.88	56.05	6.60	34.53	33.06	336	184	Peak	VERTICAL
4	5466.00	52.95	54.00	-1.05	44.86	6.60	34.55	33.06	336	184	Average	VERTICAL
5	5581.60	109.55			101.29	6.72	34.63	33.09	336	184	Average	VERTICAL
6	5581.60	120.37			112.11	6.72	34.63	33.09	336	184	Peak	VERTICAL
7	5741.80	61.74	74.00	-12.26	53.32	6.86	34.70	33.14	336	184	Peak	VERTICAL
8	5747.20	49.14	74.00	-24.86	40.72	6.86	34.70	33.14	336	184	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5697.60	106.30			97.93	6.81	34.68	33.12	37	177	Average	VERTICAL
2	5702.40	117.36			108.99	6.81	34.68	33.12	37	177	Peak	VERTICAL
3	5727.00	70.56	74.00	-3.44	62.17	6.83	34.69	33.13	37	177	Peak	VERTICAL
4	5778.00	52.37	54.00	-1.63	43.93	6.88	34.71	33.15	37	177	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 144

	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	5722.40	113.79			105.40	6.83	34.69	33.13	46	163	Average	VERTICAL
2	5722.40	124.97			116.58	6.83	34.69	33.13	46	163	Peak	VERTICAL
3	5863.80	65.96	68.20	-2.24	57.43	6.97	34.74	33.18	46	163	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 54

	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	5273.60	105.97			98.39	6.37	34.27	33.06	314	186	Average	VERTICAL
2	5273.60	115.75			108.17	6.37	34.27	33.06	314	186	Peak	VERTICAL
3	5354.00	52.93	54.00	-1.07	45.13	6.47	34.39	33.06	314	186	Average	VERTICAL
4	5358.80	63.59	74.00	-10.41	55.79	6.47	34.39	33.06	314	186	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5314.80	102.39			94.71	6.40	34.34	33.06	16	188	Average	VERTICAL
2	5315.40	112.35			104.67	6.40	34.34	33.06	16	188	Peak	VERTICAL
3	5350.00	52.64	54.00	-1.36	44.84	6.47	34.39	33.06	16	188	Average	VERTICAL
4	5350.00	64.73	74.00	-9.27	56.93	6.47	34.39	33.06	16	188	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 102

	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	5437.10	49.33	74.00	-24.67	41.32	6.56	34.51	33.06	356	215	Peak	VERTICAL
2	5446.80	62.06	74.00	-11.94	54.03	6.56	34.53	33.06	356	215	Peak	VERTICAL
3	5467.00	53.00	54.00	-1.00	44.91	6.60	34.55	33.06	356	215	Average	VERTICAL
4	5467.00	66.74	74.00	-7.26	58.65	6.60	34.55	33.06	356	215	Peak	VERTICAL
5	5516.60	101.90			93.71	6.65	34.61	33.07	356	215	Average	VERTICAL
6	5517.20	111.85			103.66	6.65	34.61	33.07	356	215	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5416.80	52.69	54.00	-1.31	44.74	6.53	34.48	33.06	45	194	Average	VERTICAL
2	5422.20	64.15	74.00	-9.85	56.20	6.53	34.48	33.06	45	194	Peak	VERTICAL
3	5461.60	63.65	74.00	-10.35	55.58	6.60	34.53	33.06	45	194	Peak	VERTICAL
4	5467.20	51.75	54.00	-2.25	43.66	6.60	34.55	33.06	45	194	Average	VERTICAL
5	5532.00	105.82			97.61	6.68	34.61	33.08	45	194	Average	VERTICAL
6	5532.60	115.30			107.09	6.68	34.61	33.08	45	194	Peak	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	5664.00	103.96			95.63	6.79	34.66	33.12	311	189	Average	VERTICAL
2	5664.00	113.60			105.27	6.79	34.66	33.12	311	189	Peak	VERTICAL
3	5730.00	69.62	74.00	-4.38	61.23	6.83	34.69	33.13	311	189	Peak	VERTICAL
4	5784.60	52.98	54.00	-1.02	44.53	6.90	34.71	33.16	311	189	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	110.03			101.65	6.83	34.68	33.13	41	168	Average	VERTICAL
2	5713.00	120.79			112.41	6.83	34.68	33.13	41	168	Peak	VERTICAL
3	5857.00	66.77	68.20	-1.43	58.25	6.95	34.74	33.17	41	168	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 58

	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	5085.50	47.48	54.00	-6.52	40.40	6.11	34.02	33.05	325	186	Average	VERTICAL
2	5108.00	59.45	74.00	-14.55	52.30	6.14	34.06	33.05	325	186	Peak	VERTICAL
3	5295.00	95.61			87.98	6.37	34.32	33.06	325	186	Average	VERTICAL
4	5295.00	105.30			97.67	6.37	34.32	33.06	325	186	Peak	VERTICAL
5	5351.00	52.42	54.00	-1.58	44.62	6.47	34.39	33.06	325	186	Average	VERTICAL
6	5351.00	69.19	74.00	-4.81	61.39	6.47	34.39	33.06	325	186	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5460.00	52.76	54.00	-1.24	44.69	6.60	34.53	33.06	343	197	Average	VERTICAL
2	5460.00	63.71	74.00	-10.29	55.64	6.60	34.53	33.06	343	197	Peak	VERTICAL
3	5461.00	52.96	54.00	-1.04	44.89	6.60	34.53	33.06	343	197	Average	VERTICAL
4	5461.00	64.53	74.00	-9.47	56.46	6.60	34.53	33.06	343	197	Peak	VERTICAL
5	5541.00	99.11			90.90	6.68	34.61	33.08	343	197	Average	VERTICAL
6	5541.00	108.23			100.02	6.68	34.61	33.08	343	197	Peak	VERTICAL
7	5728.00	61.34	74.00	-12.66	52.95	6.83	34.69	33.13	343	197	Peak	VERTICAL
8	5757.00	49.29	54.00	-4.71	40.86	6.88	34.70	33.15	343	197	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 122

	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	5454.00	63.73	74.00	-10.27	55.66	6.60	34.53	33.06	338	187	Peak	VERTICAL
2	5456.00	50.93	54.00	-3.07	42.86	6.60	34.53	33.06	338	187	Average	VERTICAL
3	5466.00	64.80	74.00	-9.20	56.71	6.60	34.55	33.06	338	187	Peak	VERTICAL
4	5469.00	50.51	54.00	-3.49	42.42	6.60	34.55	33.06	338	187	Average	VERTICAL
5	5581.00	103.54			95.28	6.72	34.63	33.09	338	187	Average	VERTICAL
6	5581.00	113.09			104.83	6.72	34.63	33.09	338	187	Peak	VERTICAL
7	5725.00	67.01	74.00	-6.99	58.62	6.83	34.69	33.13	338	187	Peak	VERTICAL
8	5727.00	52.48	54.00	-1.52	44.09	6.83	34.69	33.13	338	187	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5677.00	104.79			96.45	6.79	34.67	33.12	356	187	Average	VERTICAL
2	5677.00	114.27			105.93	6.79	34.67	33.12	356	187	Peak	VERTICAL
3	5853.00	67.04	68.20	-1.16	58.52	6.95	34.74	33.17	356	187	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 52

	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	5138.00	60.28	74.00	-13.72	53.61	6.17	34.09	33.59	360	210	Peak	VERTICAL
2	5141.00	48.18	54.00	-5.82	41.49	6.17	34.11	33.59	360	210	Average	VERTICAL
3	5261.00	103.53			96.46	6.34	34.27	33.54	360	210	Average	VERTICAL
4	5263.00	114.54			107.47	6.34	34.27	33.54	360	210	Peak	VERTICAL
5	5381.00	49.98	54.00	-4.02	42.53	6.50	34.44	33.49	360	210	Average	VERTICAL
6	5383.00	61.66	74.00	-12.34	54.21	6.50	34.44	33.49	360	210	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.00	105.47			98.28	6.40	34.32	33.53	360	206	Average	VERTICAL
2	5298.00	116.41			109.22	6.40	34.32	33.53	360	206	Peak	VERTICAL
3	5350.00	52.72	54.00	-1.28	45.37	6.47	34.39	33.51	360	206	Average	VERTICAL
4	5350.00	68.87	74.00	-5.13	61.52	6.47	34.39	33.51	360	206	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5315.80	111.79			104.57	6.40	34.34	33.52	1	190	Peak	VERTICAL
2	5318.20	101.26			94.04	6.40	34.34	33.52	1	190	Average	VERTICAL
3	5350.00	52.27	54.00	-1.73	44.92	6.47	34.39	33.51	1	190	Average	VERTICAL
4	5350.00	68.72	74.00	-5.28	61.37	6.47	34.39	33.51	1	190	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 100

	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	5458.20	63.44	74.00	-10.56	55.78	6.60	34.53	33.47	355	206	Peak	VERTICAL
2	5460.00	49.00	54.00	-5.00	41.34	6.60	34.53	33.47	355	206	Average	VERTICAL
3	5468.20	70.33	74.00	-3.67	62.64	6.60	34.55	33.46	355	206	Peak	VERTICAL
4	5470.00	52.12	54.00	-1.88	44.43	6.60	34.55	33.46	355	206	Average	VERTICAL
5	5498.20	101.30			93.52	6.63	34.60	33.45	355	206	Average	VERTICAL
6	5498.80	113.03			105.25	6.63	34.60	33.45	355	206	Peak	VERTICAL

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

Channel 116

	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	5440.80	48.18	54.00	-5.82	40.58	6.56	34.51	33.47	12	200	Average	VERTICAL
2	5458.80	61.46	74.00	-12.54	53.80	6.60	34.53	33.47	12	200	Peak	VERTICAL
3	5467.60	48.37	54.00	-5.63	40.68	6.60	34.55	33.46	12	200	Average	VERTICAL
4	5468.20	61.89	74.00	-12.11	54.20	6.60	34.55	33.46	12	200	Peak	VERTICAL
5	5577.60	106.32			98.39	6.72	34.63	33.42	12	200	Average	VERTICAL
6	5580.00	117.52			109.59	6.72	34.63	33.42	12	200	Peak	VERTICAL
7	5725.00	47.68	54.00	-6.32	39.53	6.83	34.69	33.37	12	200	Average	VERTICAL
8	5726.80	59.32	74.00	-14.68	51.17	6.83	34.69	33.37	12	200	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5698.80	99.41			91.30	6.81	34.68	33.38	14	195	Average	VERTICAL
2	5701.80	110.39			102.28	6.81	34.68	33.38	14	195	Peak	VERTICAL
3	5725.00	52.30	54.00	-1.70	44.15	6.83	34.69	33.37	14	195	Average	VERTICAL
4	5725.00	72.16	74.00	-1.84	64.01	6.83	34.69	33.37	14	195	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 144

	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	5718.80	104.29			96.14	6.83	34.69	33.37	334	197	Average	VERTICAL
2	5720.00	115.87			107.72	6.83	34.69	33.37	334	197	Peak	VERTICAL
3	5862.20	61.63	68.20	-6.57	53.25	6.97	34.74	33.33	334	197	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 54

	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	5283.80	110.31			103.17	6.37	34.30	33.53	0	174	Peak	VERTICAL
2	5287.40	100.01			92.87	6.37	34.30	33.53	0	174	Average	VERTICAL
3	5350.00	52.78	54.00	-1.22	45.43	6.47	34.39	33.51	0	174	Average	VERTICAL
4	5352.20	65.82	74.00	-8.18	58.47	6.47	34.39	33.51	0	174	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5313.60	98.27			91.05	6.40	34.34	33.52	0	208	Average	VERTICAL
2	5314.20	107.78			100.56	6.40	34.34	33.52	0	208	Peak	VERTICAL
3	5350.00	52.41	54.00	-1.59	45.06	6.47	34.39	33.51	0	208	Average	VERTICAL
4	5350.60	71.14	74.00	-2.86	63.79	6.47	34.39	33.51	0	208	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 102

	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	5460.00	49.92	54.00	-4.08	42.26	6.60	34.53	33.47	360	191	Average	VERTICAL
2	5460.00	65.12	74.00	-8.88	57.46	6.60	34.53	33.47	360	191	Peak	VERTICAL
3	5467.60	69.21	74.00	-4.79	61.52	6.60	34.55	33.46	360	191	Peak	VERTICAL
4	5470.00	52.28	54.00	-1.72	44.59	6.60	34.55	33.46	360	191	Average	VERTICAL
5	5505.80	96.86			89.06	6.65	34.60	33.45	360	191	Average	VERTICAL
6	5507.60	107.65			99.85	6.65	34.60	33.45	360	191	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5446.20	64.83	74.00	-9.17	57.21	6.56	34.53	33.47	5	205	Peak	VERTICAL
2	5460.00	50.81	54.00	-3.19	43.15	6.60	34.53	33.47	5	205	Average	VERTICAL
3	5470.00	52.17	54.00	-1.83	44.48	6.60	34.55	33.46	5	205	Average	VERTICAL
4	5470.00	66.44	74.00	-7.56	58.75	6.60	34.55	33.46	5	205	Peak	VERTICAL
5	5545.80	111.39			103.54	6.68	34.61	33.44	5	205	Peak	VERTICAL
6	5546.40	101.36			93.51	6.68	34.61	33.44	5	205	Average	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	5666.40	99.21			91.15	6.79	34.66	33.39	349	176	Average	VERTICAL
2	5683.20	109.42			101.33	6.81	34.67	33.39	349	176	Peak	VERTICAL
3	5725.00	52.56	54.00	-1.44	44.41	6.83	34.69	33.37	349	176	Average	VERTICAL
4	5726.80	68.33	74.00	-5.67	60.18	6.83	34.69	33.37	349	176	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 142

	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	5698.00	112.68			104.57	6.81	34.68	33.38	348	179	Peak	VERTICAL
2	5705.00	102.48			94.35	6.83	34.68	33.38	348	179	Average	VERTICAL
3	5851.00	66.88	68.20	-1.32	58.52	6.95	34.74	33.33	348	179	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.00	57.37	74.00	-16.63	50.63	6.21	34.11	33.58	0	197	Peak	VERTICAL
2	5150.00	46.70	54.00	-7.30	39.96	6.21	34.11	33.58	0	197	Average	VERTICAL
3	5295.00	103.50			96.34	6.37	34.32	33.53	0	197	Peak	VERTICAL
4	5299.00	93.67			86.48	6.40	34.32	33.53	0	197	Average	VERTICAL
5	5353.00	52.83	54.00	-1.17	45.48	6.47	34.39	33.51	0	197	Average	VERTICAL
6	5356.00	70.44	74.00	-3.56	63.08	6.47	34.39	33.50	0	197	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5459.00	51.19	54.00	-2.81	43.53	6.60	34.53	33.47	10	202	Average	VERTICAL
2	5460.00	67.46	74.00	-6.54	59.80	6.60	34.53	33.47	10	202	Peak	VERTICAL
3	5467.00	67.50	74.00	-6.50	59.81	6.60	34.55	33.46	10	202	Peak	VERTICAL
4	5470.00	52.23	54.00	-1.77	44.54	6.60	34.55	33.46	10	202	Average	VERTICAL
5	5539.00	94.91			87.06	6.68	34.61	33.44	10	202	Average	VERTICAL
6	5542.00	104.90			97.05	6.68	34.61	33.44	10	202	Peak	VERTICAL
7	5725.00	47.91	54.00	-6.09	39.76	6.83	34.69	33.37	10	202	Average	VERTICAL
8	5726.00	58.18	74.00	-15.82	50.03	6.83	34.69	33.37	10	202	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4
Test Date	Jan. 19, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 122

	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	5442.00	61.99	74.00	-12.01	54.39	6.56	34.51	33.47	0	196	Peak	VERTICAL
2	5455.00	50.81	54.00	-3.19	43.15	6.60	34.53	33.47	0	196	Average	VERTICAL
3	5469.00	63.20	74.00	-10.80	55.51	6.60	34.55	33.46	0	196	Peak	VERTICAL
4	5470.00	51.14	54.00	-2.86	43.45	6.60	34.55	33.46	0	196	Average	VERTICAL
5	5581.00	105.36			97.43	6.72	34.63	33.42	0	196	Peak	VERTICAL
6	5594.00	96.25			88.32	6.72	34.63	33.42	0	196	Average	VERTICAL
7	5726.00	52.81	54.00	-1.19	44.66	6.83	34.69	33.37	0	196	Average	VERTICAL
8	5736.00	66.53	74.00	-7.47	58.34	6.86	34.70	33.37	0	196	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5688.00	97.06			88.96	6.81	34.68	33.39	11	202	Average	VERTICAL
2	5694.00	106.65			98.54	6.81	34.68	33.38	11	202	Peak	VERTICAL
3	5856.00	66.70	68.20	-1.50	58.34	6.95	34.74	33.33	11	202	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 52

	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	5134.00	62.44	74.00	-11.56	55.77	6.17	34.09	33.59	360	202	Peak	VERTICAL
2	5141.20	49.66	54.00	-4.34	42.97	6.17	34.11	33.59	360	202	Average	VERTICAL
3	5259.40	107.92			100.85	6.34	34.27	33.54	360	202	Average	VERTICAL
4	5261.80	119.01			111.94	6.34	34.27	33.54	360	202	Peak	VERTICAL
5	5377.00	64.98	74.00	-9.02	57.57	6.50	34.41	33.50	360	202	Peak	VERTICAL
6	5379.40	52.96	54.00	-1.04	45.52	6.50	34.44	33.50	360	202	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5297.00	116.11			108.92	6.40	34.32	33.53	360	202	Peak	VERTICAL
2	5298.80	105.77			98.58	6.40	34.32	33.53	360	202	Average	VERTICAL
3	5378.60	64.07	74.00	-9.93	56.63	6.50	34.44	33.50	360	202	Peak	VERTICAL
4	5379.20	52.99	54.00	-1.01	45.55	6.50	34.44	33.50	360	202	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.80	105.21			97.99	6.40	34.34	33.52	341	202	Average	VERTICAL
2	5321.20	115.68			108.46	6.40	34.34	33.52	341	202	Peak	VERTICAL
3	5351.20	52.76	54.00	-1.24	45.41	6.47	34.39	33.51	341	202	Average	VERTICAL
4	5351.20	69.41	74.00	-4.59	62.06	6.47	34.39	33.51	341	202	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 100

	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	5419.00	49.92	54.00	-4.08	42.39	6.53	34.48	33.48	356	183	Average	VERTICAL
2	5460.00	66.48	74.00	-7.52	58.82	6.60	34.53	33.47	356	183	Peak	VERTICAL
3	5469.40	52.69	54.00	-1.31	45.00	6.60	34.55	33.46	356	183	Average	VERTICAL
4	5469.40	72.41	74.00	-1.59	64.72	6.60	34.55	33.46	356	183	Peak	VERTICAL
5	5501.80	105.26			97.46	6.65	34.60	33.45	356	183	Average	VERTICAL
6	5501.80	116.23			108.43	6.65	34.60	33.45	356	183	Peak	VERTICAL

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

Channel 116

	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	5457.60	61.11	74.00	-12.89	53.04	6.60	34.53	33.06	328	101	Peak	VERTICAL
2	5458.80	48.57	54.00	-5.43	40.50	6.60	34.53	33.06	328	101	Average	VERTICAL
3	5464.00	48.48	54.00	-5.52	40.39	6.60	34.55	33.06	328	101	Average	VERTICAL
4	5464.00	61.16	74.00	-12.84	53.07	6.60	34.55	33.06	328	101	Peak	VERTICAL
5	5574.60	117.37			109.12	6.70	34.63	33.08	328	101	Peak	VERTICAL
6	5577.00	106.45			98.20	6.70	34.63	33.08	328	101	Average	VERTICAL
7	5725.00	47.86	54.00	-6.14	39.47	6.83	34.69	33.13	328	101	Average	VERTICAL
8	5728.00	59.78	74.00	-14.22	51.39	6.83	34.69	33.13	328	101	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5694.60	114.06			105.69	6.81	34.68	33.12	333	200	Peak	VERTICAL
2	5698.80	103.03			94.66	6.81	34.68	33.12	333	200	Average	VERTICAL
3	5726.20	52.61	54.00	-1.39	44.22	6.83	34.69	33.13	333	200	Average	VERTICAL
4	5726.20	71.08	74.00	-2.92	62.69	6.83	34.69	33.13	333	200	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 144

	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	5721.80	108.08			99.69	6.83	34.69	33.13	331	188	Average	VERTICAL
2	5722.40	118.92			110.53	6.83	34.69	33.13	331	188	Peak	VERTICAL
3	5850.00	62.40	68.20	-5.80	53.88	6.95	34.74	33.17	331	188	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 54

	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	5266.88	113.88			106.33	6.34	34.27	33.06	352	223	Peak	VERTICAL
2	5274.16	104.24			96.66	6.37	34.27	33.06	352	223	Average	VERTICAL
3	5353.12	64.95	74.00	-9.05	57.15	6.47	34.39	33.06	352	223	Peak	VERTICAL
4	5354.24	52.80	54.00	-1.20	45.00	6.47	34.39	33.06	352	223	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5311.80	108.63			100.95	6.40	34.34	33.06	332	193	Peak	VERTICAL
2	5314.20	98.78			91.10	6.40	34.34	33.06	332	193	Average	VERTICAL
3	5351.20	67.54	74.00	-6.46	59.74	6.47	34.39	33.06	332	193	Peak	VERTICAL
4	5351.40	52.77	54.00	-1.23	44.97	6.47	34.39	33.06	332	193	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 102

	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	5458.80	49.81	54.00	-4.19	41.74	6.60	34.53	33.06	333	229	Average	VERTICAL
2	5458.80	64.28	74.00	-9.72	56.21	6.60	34.53	33.06	333	229	Peak	VERTICAL
3	5468.20	66.19	74.00	-7.81	58.10	6.60	34.55	33.06	333	229	Peak	VERTICAL
4	5469.20	52.36	54.00	-1.64	44.27	6.60	34.55	33.06	333	229	Average	VERTICAL
5	5504.60	108.94			100.76	6.65	34.60	33.07	333	229	Peak	VERTICAL
6	5514.20	99.27			91.08	6.65	34.61	33.07	333	229	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5447.40	51.73	54.00	-2.27	43.70	6.56	34.53	33.06	327	205	Average	VERTICAL
2	5460.00	64.51	74.00	-9.49	56.44	6.60	34.53	33.06	327	205	Peak	VERTICAL
3	5470.00	52.98	54.00	-1.02	44.89	6.60	34.55	33.06	327	205	Average	VERTICAL
4	5470.00	67.14	74.00	-6.86	59.05	6.60	34.55	33.06	327	205	Peak	VERTICAL
5	5545.20	104.29			96.08	6.68	34.61	33.08	327	205	Average	VERTICAL
6	5554.80	114.79			106.55	6.70	34.62	33.08	327	205	Peak	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	5666.40	101.45			93.12	6.79	34.66	33.12	325	210	Average	VERTICAL
2	5676.60	110.99			102.65	6.79	34.67	33.12	325	210	Peak	VERTICAL
3	5727.00	52.50	54.00	-1.50	44.11	6.83	34.69	33.13	325	210	Average	VERTICAL
4	5727.00	71.64	74.00	-2.36	63.25	6.83	34.69	33.13	325	210	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 142

	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	5706.40	106.45			98.07	6.83	34.68	33.13	345	199	Average	VERTICAL
2	5706.40	116.65			108.27	6.83	34.68	33.13	345	199	Peak	VERTICAL
3	5855.80	67.02	68.20	-1.18	58.50	6.95	34.74	33.17	345	199	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 58

	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	5138.80	58.28	74.00	-15.72	51.07	6.17	34.09	33.05	338	203	Peak	VERTICAL
2	5150.00	46.79	54.00	-7.21	39.52	6.21	34.11	33.05	338	203	Average	VERTICAL
3	5279.60	94.66			87.05	6.37	34.30	33.06	338	203	Average	VERTICAL
4	5282.00	104.16			96.55	6.37	34.30	33.06	338	203	Peak	VERTICAL
5	5350.00	52.82	54.00	-1.18	45.02	6.47	34.39	33.06	338	203	Average	VERTICAL
6	5350.00	67.11	74.00	-6.89	59.31	6.47	34.39	33.06	338	203	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5453.00	64.23	74.00	-9.77	56.16	6.60	34.53	33.06	360	217	Peak	VERTICAL
2	5459.00	51.62	54.00	-2.38	43.55	6.60	34.53	33.06	360	217	Average	VERTICAL
3	5469.00	52.95	54.00	-1.05	44.86	6.60	34.55	33.06	360	217	Average	VERTICAL
4	5469.00	67.46	74.00	-6.54	59.37	6.60	34.55	33.06	360	217	Peak	VERTICAL
5	5534.00	104.53			96.32	6.68	34.61	33.08	360	217	Peak	VERTICAL
6	5542.00	95.66			87.45	6.68	34.61	33.08	360	217	Average	VERTICAL
7	5725.00	48.09	54.00	-5.91	39.70	6.83	34.69	33.13	360	217	Average	VERTICAL
8	5732.00	60.12	74.00	-13.88	51.71	6.86	34.69	33.14	360	217	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 122

	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	5458.00	50.02	54.00	-3.98	41.95	6.60	34.53	33.06	341	204	Average	VERTICAL
2	5463.00	61.35	74.00	-12.65	53.26	6.60	34.55	33.06	341	204	Peak	VERTICAL
3	5469.00	50.79	54.00	-3.21	42.70	6.60	34.55	33.06	341	204	Average	VERTICAL
4	5469.00	61.60	74.00	-12.40	53.51	6.60	34.55	33.06	341	204	Peak	VERTICAL
5	5584.00	109.37			101.11	6.72	34.63	33.09	341	204	Peak	VERTICAL
6	5602.00	99.95			91.68	6.72	34.64	33.09	341	204	Average	VERTICAL
7	5725.00	52.75	54.00	-1.25	44.36	6.83	34.69	33.13	341	204	Average	VERTICAL
8	5725.00	66.04	74.00	-7.96	57.65	6.83	34.69	33.13	341	204	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5679.00	99.74			91.67	6.79	34.67	33.39	346	217	Average	VERTICAL
2	5682.00	110.16			102.07	6.81	34.67	33.39	346	217	Peak	VERTICAL
3	5853.00	66.98	68.20	-1.22	58.62	6.95	34.74	33.33	346	217	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 52

	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	5143.60	49.01	54.00	-4.99	42.31	6.17	34.11	33.58	4	200	Average	VERTICAL
2	5144.20	60.97	74.00	-13.03	54.23	6.21	34.11	33.58	4	200	Peak	VERTICAL
3	5258.80	108.11			101.04	6.34	34.27	33.54	4	200	Average	VERTICAL
4	5264.20	118.75			111.68	6.34	34.27	33.54	4	200	Peak	VERTICAL
5	5379.40	53.00	54.00	-1.00	45.56	6.50	34.44	33.50	4	200	Average	VERTICAL
6	5379.40	64.59	74.00	-9.41	57.15	6.50	34.44	33.50	4	200	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.80	106.07			98.88	6.40	34.32	33.53	2	204	Average	VERTICAL
2	5299.40	116.76			109.57	6.40	34.32	33.53	2	204	Peak	VERTICAL
3	5374.40	63.69	74.00	-10.31	56.28	6.50	34.41	33.50	2	204	Peak	VERTICAL
4	5379.20	52.96	54.00	-1.04	45.52	6.50	34.44	33.50	2	204	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.80	105.62			98.40	6.40	34.34	33.52	4	192	Average	VERTICAL
2	5318.80	116.61			109.39	6.40	34.34	33.52	4	192	Peak	VERTICAL
3	5354.20	63.68	74.00	-10.32	56.32	6.47	34.39	33.50	4	192	Peak	VERTICAL
4	5399.20	52.57	54.00	-1.43	45.07	6.53	34.46	33.49	4	192	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 100

	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	5420.80	51.00	54.00	-3.00	43.47	6.53	34.48	33.48	350	199	Average	VERTICAL
2	5455.60	64.43	74.00	-9.57	56.77	6.60	34.53	33.47	350	199	Peak	VERTICAL
3	5470.00	52.66	54.00	-1.34	44.97	6.60	34.55	33.46	350	199	Average	VERTICAL
4	5470.00	71.53	74.00	-2.47	63.84	6.60	34.55	33.46	350	199	Peak	VERTICAL
5	5500.60	107.40			99.62	6.63	34.60	33.45	351	193	Average	VERTICAL
6	5501.20	118.08			110.28	6.65	34.60	33.45	351	193	Peak	VERTICAL

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

Channel 116

	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	5452.00	64.56	74.00	-9.44	56.90	6.60	34.53	33.47	350	199	Peak	VERTICAL
2	5460.00	51.81	54.00	-2.19	44.15	6.60	34.53	33.47	350	199	Average	VERTICAL
3	5465.20	52.31	54.00	-1.69	44.62	6.60	34.55	33.46	350	199	Average	VERTICAL
4	5469.20	64.60	74.00	-9.40	56.91	6.60	34.55	33.46	350	199	Peak	VERTICAL
5	5580.80	114.40			106.47	6.72	34.63	33.42	350	199	Average	VERTICAL
6	5580.80	126.04			118.11	6.72	34.63	33.42	350	199	Peak	VERTICAL
7	5725.80	63.31	74.00	-10.69	55.16	6.83	34.69	33.37	350	199	Peak	VERTICAL
8	5726.60	50.96	54.00	-3.04	42.81	6.83	34.69	33.37	350	199	Average	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5697.60	105.80			97.69	6.81	34.68	33.38	357	223	Average	VERTICAL
2	5697.60	116.66			108.55	6.81	34.68	33.38	357	223	Peak	VERTICAL
3	5727.40	72.18	74.00	-1.82	64.03	6.83	34.69	33.37	357	223	Peak	VERTICAL
4	5728.20	52.82	54.00	-1.18	44.67	6.83	34.69	33.37	357	223	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 144

	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	5721.00	112.77			104.62	6.83	34.69	33.37	352	203	Average	VERTICAL
2	5721.00	124.13			115.98	6.83	34.69	33.37	352	203	Peak	VERTICAL
3	5855.00	65.56	68.20	-2.64	57.20	6.95	34.74	33.33	352	203	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 54

	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	5274.20	105.42			98.31	6.37	34.27	33.53	24	220	Average	VERTICAL
2	5274.80	115.39			108.28	6.37	34.27	33.53	24	220	Peak	VERTICAL
3	5354.60	52.47	54.00	-1.53	45.11	6.47	34.39	33.50	24	220	Average	VERTICAL
4	5355.40	63.57	74.00	-10.43	56.21	6.47	34.39	33.50	24	220	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5307.60	107.14			99.94	6.40	34.32	33.52	345	210	Peak	VERTICAL
2	5314.80	96.70			89.48	6.40	34.34	33.52	345	210	Average	VERTICAL
3	5350.00	52.41	54.00	-1.59	45.06	6.47	34.39	33.51	345	210	Average	VERTICAL
4	5350.00	67.71	74.00	-6.29	60.36	6.47	34.39	33.51	345	210	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 102

	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	5455.80	61.47	74.00	-12.53	53.81	6.60	34.53	33.47	353	194	Peak	VERTICAL
2	5460.00	50.76	54.00	-3.24	43.10	6.60	34.53	33.47	353	194	Average	VERTICAL
3	5470.00	52.91	54.00	-1.09	45.22	6.60	34.55	33.46	353	194	Average	VERTICAL
4	5470.00	67.53	74.00	-6.47	59.84	6.60	34.55	33.46	353	194	Peak	VERTICAL
5	5505.80	102.52			94.72	6.65	34.60	33.45	353	194	Average	VERTICAL
6	5506.40	112.65			104.85	6.65	34.60	33.45	353	194	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5455.20	63.86	74.00	-10.14	56.20	6.60	34.53	33.47	360	229	Peak	VERTICAL
2	5458.80	51.78	54.00	-2.22	44.12	6.60	34.53	33.47	360	229	Average	VERTICAL
3	5465.80	67.55	74.00	-6.45	59.86	6.60	34.55	33.46	360	229	Peak	VERTICAL
4	5469.00	52.79	54.00	-1.21	45.10	6.60	34.55	33.46	360	229	Average	VERTICAL
5	5554.20	106.95			99.06	6.70	34.62	33.43	360	229	Average	VERTICAL
6	5554.20	116.67			108.78	6.70	34.62	33.43	360	229	Peak	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	5665.80	103.62			95.56	6.79	34.66	33.39	352	219	Average	VERTICAL
2	5665.80	113.22			105.16	6.79	34.66	33.39	352	219	Peak	VERTICAL
3	5725.60	52.38	54.00	-1.62	44.23	6.83	34.69	33.37	352	219	Average	VERTICAL
4	5726.40	72.22	74.00	-1.78	64.07	6.83	34.69	33.37	352	219	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 142

	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	5698.00	118.08			109.97	6.81	34.68	33.38	358	201	Peak	VERTICAL
2	5713.00	108.31			100.18	6.83	34.68	33.38	358	201	Average	VERTICAL
3	5852.00	66.91	68.20	-1.29	58.55	6.95	34.74	33.33	358	201	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 20, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 58

	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	5088.00	46.99	54.00	-7.01	40.47	6.11	34.02	33.61	4	205	Average	VERTICAL
2	5099.00	58.54	74.00	-15.46	51.96	6.14	34.04	33.60	4	205	Peak	VERTICAL
3	5294.00	95.95			88.79	6.37	34.32	33.53	4	205	Average	VERTICAL
4	5299.00	105.42			98.23	6.40	34.32	33.53	4	205	Peak	VERTICAL
5	5354.00	65.03	74.00	-8.97	57.67	6.47	34.39	33.50	4	205	Peak	VERTICAL
6	5359.00	52.91	54.00	-1.09	45.55	6.47	34.39	33.50	4	205	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5447.00	63.75	74.00	-10.25	56.13	6.56	34.53	33.47	4	197	Peak	VERTICAL
2	5459.00	51.88	54.00	-2.12	44.22	6.60	34.53	33.47	4	197	Average	VERTICAL
3	5470.00	52.81	54.00	-1.19	45.12	6.60	34.55	33.46	4	197	Average	VERTICAL
4	5470.00	65.79	74.00	-8.21	58.10	6.60	34.55	33.46	4	197	Peak	VERTICAL
5	5539.00	97.62			89.77	6.68	34.61	33.44	4	197	Average	VERTICAL
6	5539.00	106.96			99.11	6.68	34.61	33.44	4	197	Peak	VERTICAL
7	5725.00	47.79	54.00	-6.21	39.64	6.83	34.69	33.37	4	197	Average	VERTICAL
8	5728.00	58.33	74.00	-15.67	50.18	6.83	34.69	33.37	4	197	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 21, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 122

	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	5394.00	61.12	74.00	-12.88	53.67	6.50	34.44	33.49	352	186	Peak	VERTICAL
2	5458.00	50.69	54.00	-3.31	43.03	6.60	34.53	33.47	352	186	Average	VERTICAL
3	5462.00	61.85	74.00	-12.15	54.19	6.60	34.53	33.47	352	186	Peak	VERTICAL
4	5463.00	50.81	54.00	-3.19	43.13	6.60	34.55	33.47	352	186	Average	VERTICAL
5	5597.00	111.73			103.80	6.72	34.63	33.42	352	186	Peak	VERTICAL
6	5598.00	103.01			95.08	6.72	34.63	33.42	352	186	Average	VERTICAL
7	5727.00	66.23	74.00	-7.77	58.08	6.83	34.69	33.37	352	186	Peak	VERTICAL
8	5728.00	52.78	54.00	-1.22	44.63	6.83	34.69	33.37	352	186	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5677.00	112.11			104.04	6.79	34.67	33.39	11	181	Peak	VERTICAL
2	5678.00	102.99			94.92	6.79	34.67	33.39	11	181	Average	VERTICAL
3	5854.00	66.50	68.20	-1.70	58.14	6.95	34.74	33.33	11	181	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.20	49.52	54.00	-4.48	42.25	6.21	34.11	33.05	338	190	Average	VERTICAL
2	5147.80	62.32	74.00	-11.68	55.05	6.21	34.11	33.05	338	190	Peak	VERTICAL
3	5261.20	107.78			100.23	6.34	34.27	33.06	338	190	Average	VERTICAL
4	5261.80	118.66			111.11	6.34	34.27	33.06	338	190	Peak	VERTICAL
5	5372.20	64.72	74.00	-9.28	56.90	6.47	34.41	33.06	338	190	Peak	VERTICAL
6	5378.80	52.86	54.00	-1.14	44.98	6.50	34.44	33.06	338	190	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5073.00	62.90	74.00	-11.10	55.82	6.11	34.02	33.05	318	198	Peak	VERTICAL
2	5077.00	50.88	54.00	-3.12	43.80	6.11	34.02	33.05	318	198	Average	VERTICAL
3	5298.00	115.99			108.33	6.40	34.32	33.06	318	198	Peak	VERTICAL
4	5301.00	105.53			97.87	6.40	34.32	33.06	318	198	Average	VERTICAL
5	5382.00	52.97	54.00	-1.03	45.09	6.50	34.44	33.06	318	198	Average	VERTICAL
6	5383.00	63.89	74.00	-10.11	56.01	6.50	34.44	33.06	318	198	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5097.00	50.57	54.00	-3.43	43.44	6.14	34.04	33.05	334	186	Average	VERTICAL
2	5097.00	61.37	74.00	-12.63	54.24	6.14	34.04	33.05	334	186	Peak	VERTICAL
3	5318.00	103.83			96.15	6.40	34.34	33.06	334	186	Average	VERTICAL
4	5322.00	113.97			106.29	6.40	34.34	33.06	334	186	Peak	VERTICAL
5	5350.00	52.66	54.00	-1.34	44.86	6.47	34.39	33.06	334	186	Average	VERTICAL
6	5350.00	70.04	74.00	-3.96	62.24	6.47	34.39	33.06	334	186	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5320 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 100

	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	5459.20	64.27	74.00	-9.73	56.20	6.60	34.53	33.06	342	179	Peak	VERTICAL
2	5460.00	49.90	54.00	-4.10	41.83	6.60	34.53	33.06	342	179	Average	VERTICAL
3	5470.00	52.89	54.00	-1.11	44.80	6.60	34.55	33.06	342	179	Average	VERTICAL
4	5470.00	71.26	74.00	-2.74	63.17	6.60	34.55	33.06	342	179	Peak	VERTICAL
5	5495.20	115.68			107.53	6.63	34.58	33.06	342	179	Peak	VERTICAL
6	5498.20	104.70			96.53	6.63	34.60	33.06	342	179	Average	VERTICAL

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

Channel 116

	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	5346.00	62.30	74.00	-11.70	54.54	6.43	34.39	33.06	342	180	Peak	VERTICAL
2	5411.00	50.49	54.00	-3.51	42.56	6.53	34.46	33.06	342	180	Average	VERTICAL
3	5462.00	49.88	54.00	-4.12	41.81	6.60	34.53	33.06	342	180	Average	VERTICAL
4	5467.00	62.30	74.00	-11.70	54.21	6.60	34.55	33.06	342	180	Peak	VERTICAL
5	5579.00	109.88			101.62	6.72	34.63	33.09	342	180	Average	VERTICAL
6	5582.00	120.22			111.96	6.72	34.63	33.09	342	180	Peak	VERTICAL
7	5813.00	51.66	54.00	-2.34	43.18	6.92	34.72	33.16	342	180	Average	VERTICAL
8	5813.00	64.35	74.00	-9.65	55.87	6.92	34.72	33.16	342	180	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5693.40	101.53			93.16	6.81	34.68	33.12	343	199	Average	VERTICAL
2	5697.60	111.96			103.59	6.81	34.68	33.12	343	199	Peak	VERTICAL
3	5730.60	71.33	74.00	-2.67	62.92	6.86	34.69	33.14	343	199	Peak	VERTICAL
4	5821.80	52.95	54.00	-1.05	44.46	6.92	34.73	33.16	343	199	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 144

	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	5722.00	109.19			100.80	6.83	34.69	33.13	343	188	Average	VERTICAL
2	5722.00	120.50			112.11	6.83	34.69	33.13	343	188	Peak	VERTICAL
3	5882.00	65.01	68.20	-3.19	56.47	6.97	34.75	33.18	343	188	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 54

	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	5132.60	59.85	74.00	-14.15	52.64	6.17	34.09	33.05	346	182	Peak	VERTICAL
2	5148.80	48.33	54.00	-5.67	41.06	6.21	34.11	33.05	346	182	Average	VERTICAL
3	5264.00	113.04			105.49	6.34	34.27	33.06	346	182	Peak	VERTICAL
4	5265.80	103.23			95.68	6.34	34.27	33.06	346	182	Average	VERTICAL
5	5350.00	52.66	54.00	-1.34	44.86	6.47	34.39	33.06	346	182	Average	VERTICAL
6	5352.20	64.52	74.00	-9.48	56.72	6.47	34.39	33.06	346	182	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5068.00	58.92	74.00	-15.08	51.87	6.11	33.99	33.05	350	192	Peak	VERTICAL
2	5079.00	47.17	54.00	-6.83	40.09	6.11	34.02	33.05	350	192	Average	VERTICAL
3	5314.00	98.35			90.67	6.40	34.34	33.06	350	192	Average	VERTICAL
4	5318.00	108.26			100.58	6.40	34.34	33.06	350	192	Peak	VERTICAL
5	5350.00	52.74	54.00	-1.26	44.94	6.47	34.39	33.06	350	192	Average	VERTICAL
6	5350.00	69.71	74.00	-4.29	61.91	6.47	34.39	33.06	350	192	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5310 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 102

	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	5458.40	65.08	74.00	-8.92	57.01	6.60	34.53	33.06	342	187	Peak	VERTICAL
2	5460.00	50.42	54.00	-3.58	42.35	6.60	34.53	33.06	342	187	Average	VERTICAL
3	5465.60	69.86	74.00	-4.14	61.77	6.60	34.55	33.06	342	187	Peak	VERTICAL
4	5470.00	52.78	54.00	-1.22	44.69	6.60	34.55	33.06	342	187	Average	VERTICAL
5	5511.80	99.70			91.52	6.65	34.60	33.07	342	187	Average	VERTICAL
6	5512.40	109.76			101.58	6.65	34.60	33.07	342	187	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5460.00	52.10	54.00	-1.90	44.03	6.60	34.53	33.06	344	190	Average	VERTICAL
2	5460.00	65.30	74.00	-8.70	57.23	6.60	34.53	33.06	344	190	Peak	VERTICAL
3	5464.00	52.84	54.00	-1.16	44.75	6.60	34.55	33.06	344	190	Average	VERTICAL
4	5468.00	69.02	74.00	-4.98	60.93	6.60	34.55	33.06	344	190	Peak	VERTICAL
5	5546.00	104.99			96.78	6.68	34.61	33.08	344	190	Average	VERTICAL
6	5562.00	114.59			106.35	6.70	34.62	33.08	344	190	Peak	VERTICAL
7	5789.00	62.83	74.00	-11.17	54.37	6.90	34.72	33.16	344	190	Peak	VERTICAL
8	5794.00	49.68	54.00	-4.32	41.22	6.90	34.72	33.16	344	190	Average	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	5665.00	101.03			92.70	6.79	34.66	33.12	340	187	Average	VERTICAL
2	5667.00	110.63			102.29	6.79	34.67	33.12	340	187	Peak	VERTICAL
3	5725.00	71.09	74.00	-2.91	62.70	6.83	34.69	33.13	340	187	Peak	VERTICAL
4	5726.00	52.46	54.00	-1.54	44.07	6.83	34.69	33.13	340	187	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.00	105.07			96.69	6.83	34.68	33.13	341	186	Average	VERTICAL
2	5719.00	115.43			107.04	6.83	34.69	33.13	341	186	Peak	VERTICAL
3	5853.00	66.69	68.20	-1.51	58.17	6.95	34.74	33.17	341	186	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 58

	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	5111.00	47.63	54.00	-6.37	40.48	6.14	34.06	33.05	347	197	Average	VERTICAL
2	5138.00	58.98	74.00	-15.02	51.77	6.17	34.09	33.05	347	197	Peak	VERTICAL
3	5264.00	93.94			86.39	6.34	34.27	33.06	347	197	Average	VERTICAL
4	5266.00	103.01			95.46	6.34	34.27	33.06	347	197	Peak	VERTICAL
5	5351.00	52.64	54.00	-1.36	44.84	6.47	34.39	33.06	347	197	Average	VERTICAL
6	5356.00	64.72	74.00	-9.28	56.92	6.47	34.39	33.06	347	197	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5460.00	52.46	54.00	-1.54	44.39	6.60	34.53	33.06	341	187	Average	VERTICAL
2	5460.00	66.04	74.00	-7.96	57.97	6.60	34.53	33.06	341	187	Peak	VERTICAL
3	5466.00	67.36	74.00	-6.64	59.27	6.60	34.55	33.06	341	187	Peak	VERTICAL
4	5470.00	52.88	54.00	-1.12	44.79	6.60	34.55	33.06	341	187	Average	VERTICAL
5	5540.00	95.74			87.53	6.68	34.61	33.08	341	187	Average	VERTICAL
6	5546.00	106.48			98.27	6.68	34.61	33.08	341	187	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Channel 122

	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	5459.00	50.17	54.00	-3.83	42.10	6.60	34.53	33.06	355	195	Average	VERTICAL
2	5460.00	61.76	74.00	-12.24	53.69	6.60	34.53	33.06	355	195	Peak	VERTICAL
3	5468.00	62.24	74.00	-11.76	54.15	6.60	34.55	33.06	355	195	Peak	VERTICAL
4	5470.00	50.58	54.00	-3.42	42.49	6.60	34.55	33.06	355	195	Average	VERTICAL
5	5597.00	99.47			91.21	6.72	34.63	33.09	355	195	Average	VERTICAL
6	5597.00	108.73			100.47	6.72	34.63	33.09	355	195	Peak	VERTICAL
7	5726.00	52.84	54.00	-1.16	44.45	6.83	34.69	33.13	355	195	Average	VERTICAL
8	5727.00	67.92	74.00	-6.08	59.53	6.83	34.69	33.13	355	195	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5677.00	109.68			101.34	6.79	34.67	33.12	343	198	Peak	VERTICAL
2	5679.00	99.70			91.36	6.79	34.67	33.12	343	198	Average	VERTICAL
3	5852.00	67.03	68.20	-1.17	58.51	6.95	34.74	33.17	343	198	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5136.98	64.31	74.00	-9.69	57.10	6.17	34.09	33.05	27	176	Peak	VERTICAL
2	5146.96	50.49	54.00	-3.51	43.22	6.21	34.11	33.05	27	176	Average	VERTICAL
3	5259.13	108.81			101.26	6.34	34.27	33.06	27	176	Average	VERTICAL
4	5259.13	119.91			112.36	6.34	34.27	33.06	27	176	Peak	VERTICAL
5	5381.69	52.25	54.00	-1.75	44.37	6.50	34.44	33.06	27	176	Average	VERTICAL
6	5384.73	65.85	74.00	-8.15	57.97	6.50	34.44	33.06	27	176	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.70	116.74			109.08	6.40	34.32	33.06	24	221	Peak	VERTICAL
2	5299.13	106.48			98.82	6.40	34.32	33.06	24	221	Average	VERTICAL
3	5381.26	65.50	74.00	-8.50	57.62	6.50	34.44	33.06	24	221	Peak	VERTICAL
4	5386.47	52.69	54.00	-1.31	44.81	6.50	34.44	33.06	24	221	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5320.87	103.24			95.56	6.40	34.34	33.06	313	199	Average	HORIZONTAL
2	5321.30	114.92			107.24	6.40	34.34	33.06	313	199	Peak	HORIZONTAL
3	5350.00	52.74	54.00	-1.26	44.94	6.47	34.39	33.06	313	199	Average	HORIZONTAL
4	5350.00	70.10	74.00	-3.90	62.30	6.47	34.39	33.06	313	199	Peak	HORIZONTAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 100

	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	5460.00	49.23	54.00	-4.77	41.16	6.60	34.53	33.06	350	191	Average	VERTICAL
2	5460.00	65.00	74.00	-9.00	56.93	6.60	34.53	33.06	350	191	Peak	VERTICAL
3	5469.13	72.54	74.00	-1.46	64.45	6.60	34.55	33.06	350	191	Peak	VERTICAL
4	5470.00	51.87	54.00	-2.13	43.78	6.60	34.55	33.06	350	191	Average	VERTICAL
5	5501.74	104.72			96.54	6.65	34.60	33.07	350	191	Average	VERTICAL
6	5503.47	116.60			108.42	6.65	34.60	33.07	350	191	Peak	VERTICAL

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

Channel 116

	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	5446.98	49.28	54.00	-4.72	41.25	6.56	34.53	33.06	351	199	Average	VERTICAL
2	5456.53	63.12	74.00	-10.88	55.05	6.60	34.53	33.06	351	199	Peak	VERTICAL
3	5467.83	49.56	54.00	-4.44	41.47	6.60	34.55	33.06	351	199	Average	VERTICAL
4	5468.26	63.15	74.00	-10.85	55.06	6.60	34.55	33.06	351	199	Peak	VERTICAL
5	5583.47	121.66			113.40	6.72	34.63	33.09	351	199	Peak	VERTICAL
6	5586.95	109.85			101.59	6.72	34.63	33.09	351	199	Average	VERTICAL
7	5725.00	50.44	54.00	-3.56	42.05	6.83	34.69	33.13	351	199	Average	VERTICAL
8	5726.74	63.81	74.00	-10.19	55.42	6.83	34.69	33.13	351	199	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5702.17	103.21			94.84	6.81	34.68	33.12	354	191	Average	VERTICAL
2	5706.08	113.60			105.22	6.83	34.68	33.13	354	191	Peak	VERTICAL
3	5725.00	52.39	54.00	-1.61	44.00	6.83	34.69	33.13	354	191	Average	VERTICAL
4	5725.43	72.20	74.00	-1.80	63.81	6.83	34.69	33.13	354	191	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 144

	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	5722.17	109.57			101.18	6.83	34.69	33.13	0	201	Average	VERTICAL
2	5722.60	120.70			112.31	6.83	34.69	33.13	0	201	Peak	VERTICAL
3	5852.17	65.20	68.20	-3.00	56.68	6.95	34.74	33.17	0	201	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 54

	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	5274.34	104.42			96.84	6.37	34.27	33.06	38	209	Average	VERTICAL
2	5275.21	114.20			106.62	6.37	34.27	33.06	38	209	Peak	VERTICAL
3	5351.74	66.36	74.00	-7.64	58.56	6.47	34.39	33.06	38	209	Peak	VERTICAL
4	5354.78	52.94	54.00	-1.06	45.14	6.47	34.39	33.06	38	209	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5306.96	99.92			92.26	6.40	34.32	33.06	36	198	Average	VERTICAL
2	5316.51	109.88			102.20	6.40	34.34	33.06	36	198	Peak	VERTICAL
3	5350.00	52.77	54.00	-1.23	44.97	6.47	34.39	33.06	36	198	Average	VERTICAL
4	5352.17	69.46	74.00	-4.54	61.66	6.47	34.39	33.06	36	198	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 102

	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	5460.00	49.43	54.00	-4.57	41.36	6.60	34.53	33.06	0	203	Average	VERTICAL
2	5460.00	62.57	74.00	-11.43	54.50	6.60	34.53	33.06	0	203	Peak	VERTICAL
3	5469.57	67.31	74.00	-6.69	59.22	6.60	34.55	33.06	0	203	Peak	VERTICAL
4	5470.00	52.55	54.00	-1.45	44.46	6.60	34.55	33.06	0	203	Average	VERTICAL
5	5506.09	109.19			101.01	6.65	34.60	33.07	0	203	Peak	VERTICAL
6	5514.34	98.80			90.61	6.65	34.61	33.07	0	203	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5443.94	67.06	74.00	-6.94	59.05	6.56	34.51	33.06	37	193	Peak	HORIZONTAL
2	5460.00	51.67	54.00	-2.33	43.60	6.60	34.53	33.06	37	193	Average	HORIZONTAL
3	5466.96	69.08	74.00	-4.92	60.99	6.60	34.55	33.06	37	193	Peak	HORIZONTAL
4	5470.00	52.95	54.00	-1.05	44.86	6.60	34.55	33.06	37	193	Average	HORIZONTAL
5	5532.20	102.31			94.10	6.68	34.61	33.08	37	193	Average	HORIZONTAL
6	5564.76	114.17			105.92	6.70	34.63	33.08	37	193	Peak	HORIZONTAL

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	5665.66	100.16			91.83	6.79	34.66	33.12	48	206	Average	HORIZONTAL
2	5666.53	112.07			103.73	6.79	34.67	33.12	48	206	Peak	HORIZONTAL
3	5725.00	52.94	54.00	-1.06	44.55	6.83	34.69	33.13	48	206	Average	HORIZONTAL
4	5725.43	72.51	74.00	-1.49	64.12	6.83	34.69	33.13	48	206	Peak	HORIZONTAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 142

	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	5704.36	105.99			97.62	6.81	34.68	33.12	0	197	Average	VERTICAL
2	5722.16	115.99			107.60	6.83	34.69	33.13	0	197	Peak	VERTICAL
3	5852.17	66.72	68.20	-1.48	58.20	6.95	34.74	33.17	0	197	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.32	61.57	74.00	-12.43	54.34	6.17	34.11	33.05	35	186	Peak	VERTICAL
2	5142.76	48.09	54.00	-5.91	40.86	6.17	34.11	33.05	35	186	Average	VERTICAL
3	5279.87	104.22			96.61	6.37	34.30	33.06	35	186	Peak	VERTICAL
4	5299.41	94.28			86.62	6.40	34.32	33.06	35	186	Average	VERTICAL
5	5350.00	52.50	54.00	-1.50	44.70	6.47	34.39	33.06	35	186	Average	VERTICAL
6	5350.00	68.63	74.00	-5.37	60.83	6.47	34.39	33.06	35	186	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5457.83	65.33	74.00	-8.67	57.26	6.60	34.53	33.06	0	199	Peak	VERTICAL
2	5459.28	51.27	54.00	-2.73	43.20	6.60	34.53	33.06	0	199	Average	VERTICAL
3	5467.00	66.48	74.00	-7.52	58.39	6.60	34.55	33.06	0	199	Peak	VERTICAL
4	5470.00	52.75	54.00	-1.25	44.66	6.60	34.55	33.06	0	199	Average	VERTICAL
5	5501.78	94.83			86.65	6.65	34.60	33.07	0	199	Average	VERTICAL
6	5514.08	105.57			97.38	6.65	34.61	33.07	0	199	Peak	VERTICAL
7	5725.72	49.70	54.00	-4.30	41.31	6.83	34.69	33.13	0	199	Average	VERTICAL
8	5745.26	62.92	74.00	-11.08	54.50	6.86	34.70	33.14	0	199	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5
Test Date	Jan. 26, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Channel 122

	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	5457.11	49.79	54.00	-4.21	41.72	6.60	34.53	33.06	0	195	Average	VERTICAL
2	5457.83	62.02	74.00	-11.98	53.95	6.60	34.53	33.06	0	195	Peak	VERTICAL
3	5464.21	62.97	74.00	-11.03	54.88	6.60	34.55	33.06	0	195	Peak	VERTICAL
4	5467.11	50.10	54.00	-3.90	42.01	6.60	34.55	33.06	0	195	Average	VERTICAL
5	5604.21	109.72			101.44	6.74	34.64	33.10	0	195	Peak	VERTICAL
6	5639.67	98.97			90.66	6.76	34.66	33.11	0	195	Average	VERTICAL
7	5725.00	52.94	54.00	-1.06	44.55	6.83	34.69	33.13	0	195	Average	VERTICAL
8	5726.45	66.72	74.00	-7.28	58.33	6.83	34.69	33.13	0	195	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5680.59	98.20			89.84	6.81	34.67	33.12	46	199	Average	HORIZONTAL
2	5680.59	109.66			101.30	6.81	34.67	33.12	46	199	Peak	HORIZONTAL
3	5852.17	66.52	68.20	-1.68	58.00	6.95	34.74	33.17	46	199	Peak	HORIZONTAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 52

	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	5033.00	50.48	54.00	-3.52	43.54	6.04	33.95	33.05	346	180	Average	VERTICAL
2	5034.00	62.17	74.00	-11.83	55.23	6.04	33.95	33.05	346	180	Peak	VERTICAL
3	5261.00	119.64			112.09	6.34	34.27	33.06	346	180	Peak	VERTICAL
4	5262.00	109.47			101.92	6.34	34.27	33.06	346	180	Average	VERTICAL
5	5382.00	52.90	54.00	-1.10	45.02	6.50	34.44	33.06	346	180	Average	VERTICAL
6	5386.00	64.66	74.00	-9.34	56.78	6.50	34.44	33.06	346	180	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5073.00	49.68	54.00	-4.32	42.60	6.11	34.02	33.05	320	198	Average	VERTICAL
2	5074.00	61.23	74.00	-12.77	54.15	6.11	34.02	33.05	320	198	Peak	VERTICAL
3	5299.00	105.89			98.23	6.40	34.32	33.06	320	198	Average	VERTICAL
4	5299.00	115.53			107.87	6.40	34.32	33.06	320	198	Peak	VERTICAL
5	5379.00	52.95	54.00	-1.05	45.07	6.50	34.44	33.06	320	198	Average	VERTICAL
6	5384.00	63.79	74.00	-10.21	55.91	6.50	34.44	33.06	320	198	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5098.00	51.43	54.00	-2.57	44.30	6.14	34.04	33.05	322	199	Average	VERTICAL
2	5098.00	61.22	74.00	-12.78	54.09	6.14	34.04	33.05	322	199	Peak	VERTICAL
3	5319.00	105.72			98.04	6.40	34.34	33.06	322	199	Average	VERTICAL
4	5319.00	115.68			108.00	6.40	34.34	33.06	322	199	Peak	VERTICAL
5	5353.00	65.00	74.00	-9.00	57.20	6.47	34.39	33.06	322	199	Peak	VERTICAL
6	5399.00	52.83	54.00	-1.17	44.90	6.53	34.46	33.06	322	199	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 5320 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 100

	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	5413.00	51.05	54.00	-2.95	43.10	6.53	34.48	33.06	326	198	Average	VERTICAL
2	5459.00	65.97	74.00	-8.03	57.90	6.60	34.53	33.06	326	198	Peak	VERTICAL
3	5468.00	52.93	54.00	-1.07	44.84	6.60	34.55	33.06	326	198	Average	VERTICAL
4	5468.00	71.34	74.00	-2.66	63.25	6.60	34.55	33.06	326	198	Peak	VERTICAL
5	5498.00	107.57			99.40	6.63	34.60	33.06	326	198	Average	VERTICAL
6	5499.00	118.05			109.88	6.63	34.60	33.06	326	198	Peak	VERTICAL
7	5730.00	52.47	54.00	-1.53	44.08	6.83	34.69	33.13	326	198	Average	VERTICAL
8	5732.00	62.24	74.00	-11.76	53.83	6.86	34.69	33.14	326	198	Peak	VERTICAL

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

Channel 116

	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	5458.00	52.85	54.00	-1.15	44.78	6.60	34.53	33.06	329	200	Average	VERTICAL
2	5458.00	66.92	74.00	-7.08	58.85	6.60	34.53	33.06	329	200	Peak	VERTICAL
3	5462.00	53.00	54.00	-1.00	44.93	6.60	34.53	33.06	329	200	Average	VERTICAL
4	5462.00	67.15	74.00	-6.85	59.08	6.60	34.53	33.06	329	200	Peak	VERTICAL
5	5578.00	109.86			101.60	6.72	34.63	33.09	329	200	Average	VERTICAL
6	5578.00	120.12			111.86	6.72	34.63	33.09	329	200	Peak	VERTICAL
7	5813.00	52.77	54.00	-1.23	44.29	6.92	34.72	33.16	329	200	Average	VERTICAL
8	5821.00	66.15	74.00	-7.85	57.66	6.92	34.73	33.16	329	200	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5698.20	104.14			95.77	6.81	34.68	33.12	331	193	Average	VERTICAL
2	5698.20	114.98			106.61	6.81	34.68	33.12	331	193	Peak	VERTICAL
3	5729.40	66.90	68.20	-1.30	58.51	6.83	34.69	33.13	331	193	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 144

	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	5718.00	112.51			104.12	6.83	34.69	33.13	333	197	Average	VERTICAL
2	5719.00	123.72			115.33	6.83	34.69	33.13	333	197	Peak	VERTICAL
3	5858.00	65.88	68.20	-2.32	57.35	6.97	34.74	33.18	333	197	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 54

	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	5037.00	59.39	74.00	-14.61	52.45	6.04	33.95	33.05	321	193	Peak	VERTICAL
2	5149.00	48.37	54.00	-5.63	41.10	6.21	34.11	33.05	321	193	Average	VERTICAL
3	5264.00	105.20			97.65	6.34	34.27	33.06	321	193	Average	VERTICAL
4	5264.00	114.19			106.64	6.34	34.27	33.06	321	193	Peak	VERTICAL
5	5354.00	64.53	74.00	-9.47	56.73	6.47	34.39	33.06	321	193	Peak	VERTICAL
6	5355.00	52.60	54.00	-1.40	44.80	6.47	34.39	33.06	321	193	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5070.00	46.93	54.00	-7.07	39.88	6.11	33.99	33.05	345	182	Average	VERTICAL
2	5135.00	59.23	74.00	-14.77	52.02	6.17	34.09	33.05	345	182	Peak	VERTICAL
3	5312.00	100.63			92.95	6.40	34.34	33.06	345	182	Average	VERTICAL
4	5312.00	109.41			101.73	6.40	34.34	33.06	345	182	Peak	VERTICAL
5	5352.00	52.59	54.00	-1.41	44.79	6.47	34.39	33.06	345	182	Average	VERTICAL
6	5357.00	63.92	74.00	-10.08	56.12	6.47	34.39	33.06	345	182	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5310 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 102

	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	5405.00	61.10	74.00	-12.90	53.17	6.53	34.46	33.06	327	196	Peak	VERTICAL
2	5459.00	50.14	54.00	-3.86	42.07	6.60	34.53	33.06	327	196	Average	VERTICAL
3	5469.00	52.93	54.00	-1.07	44.84	6.60	34.55	33.06	327	196	Average	VERTICAL
4	5469.00	67.14	74.00	-6.86	59.05	6.60	34.55	33.06	327	196	Peak	VERTICAL
5	5514.00	102.31			94.12	6.65	34.61	33.07	327	196	Average	VERTICAL
6	5514.00	111.36			103.17	6.65	34.61	33.07	327	196	Peak	VERTICAL
7	5739.00	60.14	74.00	-13.86	51.72	6.86	34.70	33.14	327	196	Peak	VERTICAL
8	5751.00	48.22	54.00	-5.78	39.80	6.86	34.70	33.14	327	196	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5459.00	51.57	54.00	-2.43	43.50	6.60	34.53	33.06	324	198	Average	VERTICAL
2	5460.00	65.75	74.00	-8.25	57.68	6.60	34.53	33.06	324	198	Peak	VERTICAL
3	5467.00	67.63	74.00	-6.37	59.54	6.60	34.55	33.06	324	198	Peak	VERTICAL
4	5469.00	52.72	54.00	-1.28	44.63	6.60	34.55	33.06	324	198	Average	VERTICAL
5	5553.00	106.47			98.23	6.70	34.62	33.08	324	198	Average	VERTICAL
6	5554.00	116.30			108.06	6.70	34.62	33.08	324	198	Peak	VERTICAL
7	5784.00	61.56	74.00	-12.44	53.11	6.90	34.71	33.16	324	198	Peak	VERTICAL
8	5795.00	49.25	54.00	-4.75	40.79	6.90	34.72	33.16	324	198	Average	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	5672.00	104.02			95.68	6.79	34.67	33.12	342	190	Average	VERTICAL
2	5672.00	113.22			104.88	6.79	34.67	33.12	342	190	Peak	VERTICAL
3	5727.00	71.86	74.00	-2.14	63.47	6.83	34.69	33.13	342	190	Peak	VERTICAL
4	5732.00	52.99	54.00	-1.01	44.58	6.86	34.69	33.14	342	190	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 142

	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	5694.00	108.66			100.29	6.81	34.68	33.12	329	197	Average	VERTICAL
2	5709.00	118.33			109.95	6.83	34.68	33.13	329	197	Peak	VERTICAL
3	5860.00	67.05	68.20	-1.15	58.52	6.97	34.74	33.18	329	197	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 58

	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	5081.00	47.74	54.00	-6.26	40.66	6.11	34.02	33.05	321	194	Average	VERTICAL
2	5096.00	59.55	74.00	-14.45	52.42	6.14	34.04	33.05	321	194	Peak	VERTICAL
3	5259.00	103.14			95.59	6.34	34.27	33.06	321	194	Peak	VERTICAL
4	5319.00	94.61			86.93	6.40	34.34	33.06	321	194	Average	VERTICAL
5	5350.00	52.74	54.00	-1.26	44.94	6.47	34.39	33.06	321	194	Average	VERTICAL
6	5361.00	63.82	74.00	-10.18	56.00	6.47	34.41	33.06	321	194	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5458.00	65.23	74.00	-8.77	57.16	6.60	34.53	33.06	325	202	Peak	VERTICAL
2	5459.00	51.70	54.00	-2.30	43.63	6.60	34.53	33.06	325	202	Average	VERTICAL
3	5468.00	52.74	54.00	-1.26	44.65	6.60	34.55	33.06	325	202	Average	VERTICAL
4	5470.00	68.00	74.00	-6.00	59.91	6.60	34.55	33.06	325	202	Peak	VERTICAL
5	5539.00	96.92			88.71	6.68	34.61	33.08	325	202	Average	VERTICAL
6	5544.00	106.39			98.18	6.68	34.61	33.08	325	202	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Channel 122

	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	5415.00	60.02	74.00	-13.98	52.07	6.53	34.48	33.06	341	197	Peak	VERTICAL
2	5452.00	50.62	54.00	-3.38	42.55	6.60	34.53	33.06	341	197	Average	VERTICAL
3	5467.00	51.20	54.00	-2.80	43.11	6.60	34.55	33.06	341	197	Average	VERTICAL
4	5467.00	61.30	74.00	-12.70	53.21	6.60	34.55	33.06	341	197	Peak	VERTICAL
5	5597.00	110.16			101.90	6.72	34.63	33.09	341	197	Peak	VERTICAL
6	5602.00	101.62			93.35	6.72	34.64	33.09	341	197	Average	VERTICAL
7	5728.00	52.79	54.00	-1.21	44.40	6.83	34.69	33.13	341	197	Average	VERTICAL
8	5743.00	67.17	74.00	-6.83	58.75	6.86	34.70	33.14	341	197	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5679.00	112.26			103.92	6.79	34.67	33.12	332	199	Peak	VERTICAL
2	5698.00	102.84			94.47	6.81	34.68	33.12	332	199	Average	VERTICAL
3	5850.00	66.87	68.20	-1.33	58.35	6.95	34.74	33.17	332	199	Peak	VERTICAL

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

Note:

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

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

<For Beamforming Mode>

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 52

	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	5131.60	48.56	54.00	-5.44	41.35	6.17	34.09	33.05	220	193	Average	VERTICAL
2	5131.60	61.90	74.00	-12.10	54.69	6.17	34.09	33.05	220	193	Peak	VERTICAL
3	5252.80	118.94			111.41	6.34	34.25	33.06	220	193	Peak	VERTICAL
4	5253.40	108.66			101.13	6.34	34.25	33.06	220	193	Average	VERTICAL
5	5373.40	52.91	54.00	-1.09	45.06	6.50	34.41	33.06	220	193	Average	VERTICAL
6	5373.40	65.33	74.00	-8.67	57.48	6.50	34.41	33.06	220	193	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5298.80	104.34			96.68	6.40	34.32	33.06	128	186	Average	VERTICAL
2	5300.00	115.15			107.49	6.40	34.32	33.06	128	186	Peak	VERTICAL
3	5383.40	64.15	74.00	-9.85	56.27	6.50	34.44	33.06	128	186	Peak	VERTICAL
4	5387.60	52.84	54.00	-1.16	44.96	6.50	34.44	33.06	128	186	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5317.60	116.53			108.85	6.40	34.34	33.06	339	186	Peak	VERTICAL
2	5318.20	106.47			98.79	6.40	34.34	33.06	339	186	Average	VERTICAL
3	5402.20	52.95	54.00	-1.05	45.02	6.53	34.46	33.06	339	186	Average	VERTICAL
4	5441.20	64.77	74.00	-9.23	56.76	6.56	34.51	33.06	339	186	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 100

	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	5411.80	64.92	74.00	-9.08	56.97	6.53	34.48	33.06	358	187	Peak	VERTICAL
2	5413.60	52.86	54.00	-1.14	44.91	6.53	34.48	33.06	358	187	Average	VERTICAL
3	5467.20	64.83	74.00	-9.17	56.74	6.60	34.55	33.06	358	187	Peak	VERTICAL
4	5468.20	52.69	54.00	-1.31	44.60	6.60	34.55	33.06	358	187	Average	VERTICAL
5	5501.80	110.85			102.67	6.65	34.60	33.07	358	187	Average	VERTICAL
6	5501.80	120.85			112.67	6.65	34.60	33.07	358	187	Peak	VERTICAL

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

Channel 116

	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	5350.00	52.60	54.00	-1.40	44.80	6.47	34.39	33.06	357	162	Average	VERTICAL
2	5350.00	65.33	74.00	-8.67	57.53	6.47	34.39	33.06	357	162	Peak	VERTICAL
3	5452.80	65.08	74.00	-8.92	57.01	6.60	34.53	33.06	357	162	Peak	VERTICAL
4	5458.00	51.99	54.00	-2.01	43.92	6.60	34.53	33.06	357	162	Average	VERTICAL
5	5462.00	52.21	54.00	-1.79	44.14	6.60	34.53	33.06	357	162	Average	VERTICAL
6	5467.60	64.51	74.00	-9.49	56.42	6.60	34.55	33.06	357	162	Peak	VERTICAL
7	5580.20	125.30			117.04	6.72	34.63	33.09	357	162	Peak	VERTICAL
8	5581.00	114.34			106.08	6.72	34.63	33.09	357	162	Average	VERTICAL
9	5741.80	52.20	54.00	-1.80	43.78	6.86	34.70	33.14	357	162	Average	VERTICAL
10	5741.80	63.95	74.00	-10.05	55.53	6.86	34.70	33.14	357	162	Peak	VERTICAL

Item 7, 8 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5698.00	118.04			109.67	6.81	34.68	33.12	34	170	Peak	VERTICAL
2	5699.00	108.15			99.78	6.81	34.68	33.12	34	170	Average	VERTICAL
3	5819.00	67.09	68.20	-1.11	58.61	6.92	34.72	33.16	34	170	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 144

	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	5717.00	112.70			104.32	6.83	34.68	33.13	317	181	Average	VERTICAL
2	5717.00	124.12			115.74	6.83	34.68	33.13	317	181	Peak	VERTICAL
3	5874.00	66.85	68.20	-1.35	58.31	6.97	34.75	33.18	317	181	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 54

	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	5283.00	114.10			106.49	6.37	34.30	33.06	230	186	Peak	VERTICAL
2	5288.00	104.30			96.69	6.37	34.30	33.06	230	186	Average	VERTICAL
3	5363.00	52.70	54.00	-1.30	44.88	6.47	34.41	33.06	230	186	Average	VERTICAL
4	5363.00	63.55	74.00	-10.45	55.73	6.47	34.41	33.06	230	186	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5315.00	102.58			94.90	6.40	34.34	33.06	146	187	Average	VERTICAL
2	5315.00	112.39			104.71	6.40	34.34	33.06	146	187	Peak	VERTICAL
3	5350.00	52.70	54.00	-1.30	44.90	6.47	34.39	33.06	146	187	Average	VERTICAL
4	5352.00	65.02	74.00	-8.98	57.22	6.47	34.39	33.06	146	187	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 102

	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	5458.00	61.88	74.00	-12.12	53.81	6.60	34.53	33.06	345	210	Peak	VERTICAL
2	5460.00	51.68	54.00	-2.32	43.61	6.60	34.53	33.06	345	210	Average	VERTICAL
3	5464.00	65.51	74.00	-8.49	57.42	6.60	34.55	33.06	345	210	Peak	VERTICAL
4	5470.00	52.70	54.00	-1.30	44.61	6.60	34.55	33.06	345	210	Average	VERTICAL
5	5506.00	104.15			95.97	6.65	34.60	33.07	345	210	Average	VERTICAL
6	5508.00	113.91			105.73	6.65	34.60	33.07	345	210	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5423.00	52.85	54.00	-1.15	44.90	6.53	34.48	33.06	172	194	Average	VERTICAL
2	5426.00	64.08	74.00	-9.92	56.10	6.56	34.48	33.06	172	194	Peak	VERTICAL
3	5461.00	62.54	74.00	-11.46	54.47	6.60	34.53	33.06	172	194	Peak	VERTICAL
4	5470.00	50.85	54.00	-3.15	42.76	6.60	34.55	33.06	172	194	Average	VERTICAL
5	5552.00	114.74			106.50	6.70	34.62	33.08	172	194	Peak	VERTICAL
6	5554.00	104.70			96.46	6.70	34.62	33.08	172	194	Average	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	5653.00	105.13			96.82	6.76	34.66	33.11	217	187	Average	VERTICAL
2	5661.00	116.41			108.08	6.79	34.66	33.12	217	187	Peak	VERTICAL
3	5754.00	52.79	54.00	-1.21	44.37	6.86	34.70	33.14	217	187	Average	VERTICAL
4	5756.00	64.36	74.00	-9.64	55.93	6.88	34.70	33.15	217	187	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5702.00	123.19			114.82	6.81	34.68	33.12	320	165	Peak	VERTICAL
2	5714.00	112.79			104.41	6.83	34.68	33.13	320	165	Average	VERTICAL
3	5865.00	66.90	68.20	-1.30	58.37	6.97	34.74	33.18	320	165	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5149.00	60.13	74.00	-13.87	52.86	6.21	34.11	33.05	228	172	Peak	VERTICAL
2	5150.00	47.89	54.00	-6.11	40.62	6.21	34.11	33.05	228	172	Average	VERTICAL
3	5295.00	107.52			99.89	6.37	34.32	33.06	228	172	Peak	VERTICAL
4	5298.00	96.36			88.70	6.40	34.32	33.06	228	172	Average	VERTICAL
5	5350.00	52.85	54.00	-1.15	45.05	6.47	34.39	33.06	228	172	Average	VERTICAL
6	5357.00	71.45	74.00	-2.55	63.65	6.47	34.39	33.06	228	172	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5459.00	65.44	74.00	-8.56	57.37	6.60	34.53	33.06	344	164	Peak	VERTICAL
2	5460.00	52.22	54.00	-1.78	44.15	6.60	34.53	33.06	344	164	Average	VERTICAL
3	5468.00	65.55	74.00	-8.45	57.46	6.60	34.55	33.06	344	164	Peak	VERTICAL
4	5470.00	52.90	54.00	-1.10	44.81	6.60	34.55	33.06	344	164	Average	VERTICAL
5	5505.00	110.10			101.92	6.65	34.60	33.07	344	164	Peak	VERTICAL
6	5542.00	97.45			89.24	6.68	34.61	33.08	344	164	Average	VERTICAL
7	5725.00	49.51	54.00	-4.49	41.12	6.83	34.69	33.13	344	164	Average	VERTICAL
8	5725.00	62.36	74.00	-11.64	53.97	6.83	34.69	33.13	344	164	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5
Test Date	Jan. 24, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 122

	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	5452.00	52.11	54.00	-1.89	44.04	6.60	34.53	33.06	224	197	Average	VERTICAL
2	5454.00	65.11	74.00	-8.89	57.04	6.60	34.53	33.06	224	197	Peak	VERTICAL
3	5466.00	65.40	74.00	-8.60	57.31	6.60	34.55	33.06	224	197	Peak	VERTICAL
4	5470.00	52.74	54.00	-1.26	44.65	6.60	34.55	33.06	224	197	Average	VERTICAL
5	5583.00	118.00			109.74	6.72	34.63	33.09	224	197	Peak	VERTICAL
6	5588.00	104.36			96.10	6.72	34.63	33.09	224	197	Average	VERTICAL
7	5725.00	52.94	54.00	-1.06	44.55	6.83	34.69	33.13	224	197	Average	VERTICAL
8	5736.00	67.53	74.00	-6.47	59.11	6.86	34.70	33.14	224	197	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5680.00	115.48			107.12	6.81	34.67	33.12	220	170	Peak	VERTICAL
2	5701.00	104.76			96.39	6.81	34.68	33.12	220	170	Average	VERTICAL
3	5860.00	67.10	68.20	-1.10	58.57	6.97	34.74	33.18	220	170	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 52

	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	5034.00	48.77	54.00	-5.23	41.83	6.04	33.95	33.05	168	208	Average	VERTICAL
2	5067.00	59.99	74.00	-14.01	52.97	6.08	33.99	33.05	168	208	Peak	VERTICAL
3	5253.00	108.06			100.53	6.34	34.25	33.06	168	208	Average	VERTICAL
4	5253.00	117.08			109.55	6.34	34.25	33.06	168	208	Peak	VERTICAL
5	5372.00	52.96	54.00	-1.04	45.14	6.47	34.41	33.06	168	208	Average	VERTICAL
6	5372.00	63.62	74.00	-10.38	55.80	6.47	34.41	33.06	168	208	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5071.00	47.92	54.00	-6.08	40.87	6.11	33.99	33.05	200	176	Average	VERTICAL
2	5087.00	60.15	74.00	-13.85	53.07	6.11	34.02	33.05	200	176	Peak	VERTICAL
3	5292.00	106.71			99.10	6.37	34.30	33.06	200	176	Average	VERTICAL
4	5293.00	115.75			108.12	6.37	34.32	33.06	200	176	Peak	VERTICAL
5	5372.00	52.86	54.00	-1.14	45.04	6.47	34.41	33.06	200	176	Average	VERTICAL
6	5377.00	63.64	74.00	-10.36	55.79	6.50	34.41	33.06	200	176	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5078.00	58.89	74.00	-15.11	51.81	6.11	34.02	33.05	153	193	Peak	VERTICAL
2	5098.00	47.31	54.00	-6.69	40.18	6.14	34.04	33.05	153	193	Average	VERTICAL
3	5321.00	106.72			99.04	6.40	34.34	33.06	153	193	Average	VERTICAL
4	5321.00	116.81			109.13	6.40	34.34	33.06	153	193	Peak	VERTICAL
5	5399.00	63.27	74.00	-10.73	55.34	6.53	34.46	33.06	153	193	Peak	VERTICAL
6	5401.00	52.99	54.00	-1.01	45.06	6.53	34.46	33.06	153	193	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 5320 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 100

	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	5421.60	52.78	54.00	-1.22	44.83	6.53	34.48	33.06	141	183	Average	VERTICAL
2	5425.60	65.81	74.00	-8.19	57.83	6.56	34.48	33.06	141	183	Peak	VERTICAL
3	5469.60	70.42	74.00	-3.58	62.33	6.60	34.55	33.06	141	183	Peak	VERTICAL
4	5470.00	51.12	54.00	-2.88	43.03	6.60	34.55	33.06	141	183	Average	VERTICAL
5	5498.40	110.17			102.00	6.63	34.60	33.06	141	183	Average	VERTICAL
6	5503.20	120.47			112.29	6.65	34.60	33.07	141	183	Peak	VERTICAL

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

Channel 116

	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	5457.00	66.98	74.00	-7.02	58.91	6.60	34.53	33.06	135	181	Peak	VERTICAL
2	5458.00	52.05	54.00	-1.95	43.98	6.60	34.53	33.06	135	181	Average	VERTICAL
3	5466.00	52.71	54.00	-1.29	44.62	6.60	34.55	33.06	135	181	Average	VERTICAL
4	5468.00	66.72	74.00	-7.28	58.63	6.60	34.55	33.06	135	181	Peak	VERTICAL
5	5581.00	108.97			100.71	6.72	34.63	33.09	135	181	Average	VERTICAL
6	5582.00	118.94			110.68	6.72	34.63	33.09	135	181	Peak	VERTICAL
7	5813.00	51.95	54.00	-2.05	43.47	6.92	34.72	33.16	135	181	Average	VERTICAL
8	5813.00	61.49	74.00	-12.51	53.01	6.92	34.72	33.16	135	181	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5702.00	103.23			94.86	6.81	34.68	33.12	150	190	Average	VERTICAL
2	5702.00	112.22			103.85	6.81	34.68	33.12	150	190	Peak	VERTICAL
3	5822.00	66.18	74.00	-7.82	57.69	6.92	34.73	33.16	150	190	Peak	VERTICAL
4	5938.00	52.74	54.00	-1.26	44.14	7.03	34.77	33.20	150	190	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 144

	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	5718.00	124.61			116.22	6.83	34.69	33.13	145	189	Peak	VERTICAL
2	5719.00	115.06			106.67	6.83	34.69	33.13	145	189	Average	VERTICAL
3	5851.00	67.01	68.20	-1.19	58.49	6.95	34.74	33.17	145	189	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.00	47.92	54.00	-6.08	40.65	6.21	34.11	33.05	314	183	Average	VERTICAL
2	5147.00	60.41	74.00	-13.59	53.14	6.21	34.11	33.05	314	183	Peak	VERTICAL
3	5275.00	106.77			99.19	6.37	34.27	33.06	314	183	Average	VERTICAL
4	5275.00	117.03			109.45	6.37	34.27	33.06	314	183	Peak	VERTICAL
5	5357.00	63.88	74.00	-10.12	56.08	6.47	34.39	33.06	314	183	Peak	VERTICAL
6	5363.00	52.75	54.00	-1.25	44.93	6.47	34.41	33.06	314	183	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5075.00	46.30	54.00	-7.70	39.22	6.11	34.02	33.05	342	179	Average	VERTICAL
2	5077.00	59.02	74.00	-14.98	51.94	6.11	34.02	33.05	342	179	Peak	VERTICAL
3	5315.00	101.64			93.96	6.40	34.34	33.06	342	179	Average	VERTICAL
4	5318.00	112.49			104.81	6.40	34.34	33.06	342	179	Peak	VERTICAL
5	5350.00	52.97	54.00	-1.03	45.17	6.47	34.39	33.06	342	179	Average	VERTICAL
6	5352.00	66.04	74.00	-7.96	58.24	6.47	34.39	33.06	342	179	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5310 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 102

	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	5425.00	49.11	54.00	-4.89	41.13	6.56	34.48	33.06	341	175	Average	VERTICAL
2	5433.00	64.40	74.00	-9.60	56.39	6.56	34.51	33.06	341	175	Peak	VERTICAL
3	5467.00	66.66	74.00	-7.34	58.57	6.60	34.55	33.06	341	175	Peak	VERTICAL
4	5470.00	52.56	54.00	-1.44	44.47	6.60	34.55	33.06	341	175	Average	VERTICAL
5	5493.00	111.65			103.50	6.63	34.58	33.06	341	175	Peak	VERTICAL
6	5506.00	101.97			93.79	6.65	34.60	33.07	341	175	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5426.00	52.91	54.00	-1.09	44.93	6.56	34.48	33.06	46	178	Average	VERTICAL
2	5433.00	63.69	74.00	-10.31	55.68	6.56	34.51	33.06	46	178	Peak	VERTICAL
3	5461.00	61.84	74.00	-12.16	53.77	6.60	34.53	33.06	46	178	Peak	VERTICAL
4	5467.00	50.90	54.00	-3.10	42.81	6.60	34.55	33.06	46	178	Average	VERTICAL
5	5545.00	106.16			97.95	6.68	34.61	33.08	46	178	Average	VERTICAL
6	5554.00	115.80			107.56	6.70	34.62	33.08	46	178	Peak	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	5665.00	114.84			106.51	6.79	34.66	33.12	316	172	Peak	VERTICAL
2	5666.00	105.05			96.72	6.79	34.66	33.12	316	172	Average	VERTICAL
3	5728.00	68.12	74.00	-5.88	59.73	6.83	34.69	33.13	316	172	Peak	VERTICAL
4	5786.00	52.98	54.00	-1.02	44.52	6.90	34.72	33.16	316	172	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	110.97			102.59	6.83	34.68	33.13	34	170	Average	VERTICAL
2	5713.00	121.25			112.87	6.83	34.68	33.13	34	170	Peak	VERTICAL
3	5861.00	66.73	68.20	-1.47	58.20	6.97	34.74	33.18	34	170	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 58

	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	5073.00	46.60	54.00	-7.40	39.52	6.11	34.02	33.05	310	190	Average	VERTICAL
2	5150.00	59.09	74.00	-14.91	51.82	6.21	34.11	33.05	310	190	Peak	VERTICAL
3	5264.00	107.93			100.38	6.34	34.27	33.06	310	190	Peak	VERTICAL
4	5304.00	96.31			88.65	6.40	34.32	33.06	310	190	Average	VERTICAL
5	5351.00	52.60	54.00	-1.40	44.80	6.47	34.39	33.06	310	190	Average	VERTICAL
6	5357.00	64.50	74.00	-9.50	56.70	6.47	34.39	33.06	310	190	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5457.00	66.54	74.00	-7.46	58.47	6.60	34.53	33.06	42	182	Peak	VERTICAL
2	5460.00	52.02	54.00	-1.98	43.95	6.60	34.53	33.06	42	182	Average	VERTICAL
3	5468.00	52.92	54.00	-1.08	44.83	6.60	34.55	33.06	42	182	Average	VERTICAL
4	5469.00	66.81	74.00	-7.19	58.72	6.60	34.55	33.06	42	182	Peak	VERTICAL
5	5537.00	108.26			100.05	6.68	34.61	33.08	42	182	Peak	VERTICAL
6	5539.00	97.55			89.34	6.68	34.61	33.08	42	182	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 25, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 122

	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	5454.00	62.18	74.00	-11.82	54.11	6.60	34.53	33.06	306	166	Peak	VERTICAL
2	5460.00	50.26	54.00	-3.74	42.19	6.60	34.53	33.06	306	166	Average	VERTICAL
3	5469.00	51.91	54.00	-2.09	43.82	6.60	34.55	33.06	306	166	Average	VERTICAL
4	5470.00	64.12	74.00	-9.88	56.03	6.60	34.55	33.06	306	166	Peak	VERTICAL
5	5597.00	113.35			105.09	6.72	34.63	33.09	306	166	Peak	VERTICAL
6	5599.00	103.30			95.03	6.72	34.64	33.09	306	166	Average	VERTICAL
7	5726.00	68.58	74.00	-5.42	60.19	6.83	34.69	33.13	306	166	Peak	VERTICAL
8	5727.00	52.55	54.00	-1.45	44.16	6.83	34.69	33.13	306	166	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5700.00	103.86			95.49	6.81	34.68	33.12	326	182	Average	VERTICAL
2	5701.00	114.58			106.21	6.81	34.68	33.12	326	182	Peak	VERTICAL
3	5856.00	67.00	68.20	-1.20	58.48	6.95	34.74	33.17	326	182	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5142.40	49.35	54.00	-4.65	42.12	6.17	34.11	33.05	354	188	Average	VERTICAL
2	5148.40	61.77	74.00	-12.23	54.50	6.21	34.11	33.05	354	188	Peak	VERTICAL
3	5261.20	115.65			108.10	6.34	34.27	33.06	354	188	Peak	VERTICAL
4	5262.40	106.25			98.70	6.34	34.27	33.06	354	188	Average	VERTICAL
5	5373.40	64.84	74.00	-9.16	56.99	6.50	34.41	33.06	354	188	Peak	VERTICAL
6	5381.20	52.98	54.00	-1.02	45.10	6.50	34.44	33.06	354	188	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5299.00	104.77			97.11	6.40	34.32	33.06	359	196	Average	VERTICAL
2	5300.00	114.11			106.45	6.40	34.32	33.06	359	196	Peak	VERTICAL
3	5382.00	52.98	54.00	-1.02	45.10	6.50	34.44	33.06	359	196	Average	VERTICAL
4	5418.00	64.35	74.00	-9.65	56.40	6.53	34.48	33.06	359	196	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5321.00	104.87			97.19	6.40	34.34	33.06	1	205	Average	VERTICAL
2	5323.00	114.08			106.37	6.43	34.34	33.06	1	205	Peak	VERTICAL
3	5399.00	63.97	74.00	-10.03	56.04	6.53	34.46	33.06	1	205	Peak	VERTICAL
4	5401.00	52.93	54.00	-1.07	45.00	6.53	34.46	33.06	1	205	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 100

	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	5422.00	51.53	54.00	-2.47	43.58	6.53	34.48	33.06	356	234	Average	VERTICAL
2	5458.00	64.41	74.00	-9.59	56.34	6.60	34.53	33.06	356	234	Peak	VERTICAL
3	5469.40	52.46	54.00	-1.54	44.37	6.60	34.55	33.06	356	234	Average	VERTICAL
4	5469.40	71.19	74.00	-2.81	63.10	6.60	34.55	33.06	356	234	Peak	VERTICAL
5	5501.80	107.79			99.61	6.65	34.60	33.07	356	234	Average	VERTICAL
6	5506.60	117.27			109.09	6.65	34.60	33.07	356	234	Peak	VERTICAL

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

Channel 116

	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	5349.00	51.87	54.00	-2.13	44.07	6.47	34.39	33.06	339	202	Average	VERTICAL
2	5426.00	64.11	74.00	-9.89	56.13	6.56	34.48	33.06	339	202	Peak	VERTICAL
3	5465.00	51.28	54.00	-2.72	43.19	6.60	34.55	33.06	339	202	Average	VERTICAL
4	5467.00	62.59	74.00	-11.41	54.50	6.60	34.55	33.06	339	202	Peak	VERTICAL
5	5582.00	112.28			104.02	6.72	34.63	33.09	339	202	Average	VERTICAL
6	5582.00	121.50			113.24	6.72	34.63	33.09	339	202	Peak	VERTICAL
7	5813.00	62.73	74.00	-11.27	54.25	6.92	34.72	33.16	339	202	Peak	VERTICAL
8	5816.00	51.70	54.00	-2.30	43.22	6.92	34.72	33.16	339	202	Average	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5703.00	105.65			97.28	6.81	34.68	33.12	326	198	Average	VERTICAL
2	5704.00	115.30			106.93	6.81	34.68	33.12	326	198	Peak	VERTICAL
3	5725.00	71.42	74.00	-2.58	63.03	6.83	34.69	33.13	326	198	Peak	VERTICAL
4	5827.00	52.92	54.00	-1.08	44.43	6.92	34.73	33.16	326	198	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 144

	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	5716.00	111.85			103.47	6.83	34.68	33.13	359	220	Average	VERTICAL
2	5719.00	121.20			112.81	6.83	34.69	33.13	359	220	Peak	VERTICAL
3	5877.00	65.88	68.20	-2.32	57.34	6.97	34.75	33.18	359	220	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 54

	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	5274.80	104.14			96.56	6.37	34.27	33.06	359	186	Average	VERTICAL
2	5275.40	113.95			106.37	6.37	34.27	33.06	359	186	Peak	VERTICAL
3	5355.20	52.76	54.00	-1.24	44.96	6.47	34.39	33.06	359	186	Average	VERTICAL
4	5405.60	63.91	74.00	-10.09	55.98	6.53	34.46	33.06	359	186	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5314.20	99.28			91.60	6.40	34.34	33.06	360	182	Average	VERTICAL
2	5315.40	108.70			101.02	6.40	34.34	33.06	360	182	Peak	VERTICAL
3	5350.80	52.63	54.00	-1.37	44.83	6.47	34.39	33.06	360	182	Average	VERTICAL
4	5355.00	64.42	74.00	-9.58	56.62	6.47	34.39	33.06	360	182	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 102

	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	5418.00	62.82	74.00	-11.18	54.87	6.53	34.48	33.06	359	224	Peak	VERTICAL
2	5460.00	51.15	54.00	-2.85	43.08	6.60	34.53	33.06	359	224	Average	VERTICAL
3	5469.00	66.29	68.20	-1.91	58.20	6.60	34.55	33.06	359	224	Peak	VERTICAL
4	5505.00	103.01			94.83	6.65	34.60	33.07	359	224	Average	VERTICAL
5	5507.00	112.52			104.34	6.65	34.60	33.07	359	224	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5510 MHz.

Channel 110

	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	5388.00	62.74	74.00	-11.26	54.86	6.50	34.44	33.06	345	199	Peak	VERTICAL
2	5452.00	51.80	54.00	-2.20	43.73	6.60	34.53	33.06	345	199	Average	VERTICAL
3	5466.00	52.73	54.00	-1.27	44.64	6.60	34.55	33.06	345	199	Average	VERTICAL
4	5466.00	66.62	74.00	-7.38	58.53	6.60	34.55	33.06	345	199	Peak	VERTICAL
5	5546.00	116.92			108.71	6.68	34.61	33.08	345	199	Peak	VERTICAL
6	5547.00	107.47			99.26	6.68	34.61	33.08	345	199	Average	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	5665.00	104.52			96.19	6.79	34.66	33.12	342	218	Average	VERTICAL
2	5674.00	113.67			105.33	6.79	34.67	33.12	342	218	Peak	VERTICAL
3	5729.00	66.48	74.00	-7.52	58.09	6.83	34.69	33.13	342	218	Peak	VERTICAL
4	5785.00	52.74	54.00	-1.26	44.29	6.90	34.71	33.16	342	218	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 142

	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	5705.00	109.26			100.88	6.83	34.68	33.13	324	183	Average	VERTICAL
2	5707.00	118.35			109.97	6.83	34.68	33.13	324	183	Peak	VERTICAL
3	5853.00	66.90	68.20	-1.30	58.38	6.95	34.74	33.17	324	183	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 58

	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	5277.00	105.85			98.24	6.37	34.30	33.06	337	205	Peak	VERTICAL
2	5281.00	96.06			88.45	6.37	34.30	33.06	337	205	Average	VERTICAL
3	5350.00	52.85	54.00	-1.15	45.05	6.47	34.39	33.06	337	205	Average	VERTICAL
4	5367.00	64.65	74.00	-9.35	56.83	6.47	34.41	33.06	337	205	Peak	VERTICAL

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

Channel 106

	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	5457.00	69.08	74.00	-4.92	61.01	6.60	34.53	33.06	343	185	Peak	VERTICAL
2	5459.00	51.83	54.00	-2.17	43.76	6.60	34.53	33.06	343	185	Average	VERTICAL
3	5470.00	52.83	54.00	-1.17	44.74	6.60	34.55	33.06	343	185	Average	VERTICAL
4	5470.00	68.61	74.00	-5.39	60.52	6.60	34.55	33.06	343	185	Peak	VERTICAL
5	5542.00	97.57			89.36	6.68	34.61	33.08	343	185	Average	VERTICAL
6	5543.00	108.46			100.25	6.68	34.61	33.08	343	185	Peak	VERTICAL
7	5725.00	50.49	54.00	-3.51	42.10	6.83	34.69	33.13	343	185	Average	VERTICAL
8	5727.00	67.65	74.00	-6.35	59.26	6.83	34.69	33.13	343	185	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122, 138 / Chain 4 + Chain 5
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Channel 122

	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	5458.00	65.68	74.00	-8.32	57.61	6.60	34.53	33.06	342	193	Peak	VERTICAL
2	5459.00	50.69	54.00	-3.31	42.62	6.60	34.53	33.06	342	193	Average	VERTICAL
3	5469.00	64.78	74.00	-9.22	56.69	6.60	34.55	33.06	342	193	Peak	VERTICAL
4	5470.00	51.53	54.00	-2.47	43.44	6.60	34.55	33.06	342	193	Average	VERTICAL
5	5597.00	102.44			94.18	6.72	34.63	33.09	342	193	Average	VERTICAL
6	5598.00	112.41			104.15	6.72	34.63	33.09	342	193	Peak	VERTICAL
7	5725.00	52.71	54.00	-1.29	44.32	6.83	34.69	33.13	342	193	Average	VERTICAL
8	5726.00	68.82	74.00	-5.18	60.43	6.83	34.69	33.13	342	193	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5675.00	114.08			105.74	6.79	34.67	33.12	342	187	Peak	VERTICAL
2	5680.00	103.55			95.19	6.81	34.67	33.12	342	187	Average	VERTICAL
3	5854.00	67.10	68.20	-1.10	58.58	6.95	34.74	33.17	342	187	Peak	VERTICAL

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

Note:

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 22, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5144.00	49.39	54.00	-4.61	42.12	6.21	34.11	33.05	340	202	Average	VERTICAL
2	5145.60	61.71	74.00	-12.29	54.44	6.21	34.11	33.05	340	202	Peak	VERTICAL
3	5261.60	107.60			100.05	6.34	34.27	33.06	340	202	Average	VERTICAL
4	5261.60	116.92			109.37	6.34	34.27	33.06	340	202	Peak	VERTICAL
5	5381.60	64.32	74.00	-9.68	56.44	6.50	34.44	33.06	340	202	Peak	VERTICAL
6	5382.40	52.94	54.00	-1.06	45.06	6.50	34.44	33.06	340	202	Average	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5071.00	48.94	54.00	-5.06	41.89	6.11	33.99	33.05	359	212	Average	VERTICAL
2	5078.00	60.64	74.00	-13.36	53.56	6.11	34.02	33.05	359	212	Peak	VERTICAL
3	5302.00	105.88			98.22	6.40	34.32	33.06	359	212	Average	VERTICAL
4	5302.00	115.96			108.30	6.40	34.32	33.06	359	212	Peak	VERTICAL
5	5382.00	52.93	54.00	-1.07	45.05	6.50	34.44	33.06	359	212	Average	VERTICAL
6	5387.00	64.88	74.00	-9.12	57.00	6.50	34.44	33.06	359	212	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5313.60	106.07			98.39	6.40	34.34	33.06	339	176	Average	VERTICAL
2	5314.40	115.61			107.93	6.40	34.34	33.06	339	176	Peak	VERTICAL
3	5392.00	52.90	54.00	-1.10	45.02	6.50	34.44	33.06	339	176	Average	VERTICAL
4	5435.20	64.12	74.00	-9.88	56.11	6.56	34.51	33.06	339	176	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 22, 2015 ~ Jan. 23, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 100

	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	5417.00	52.05	54.00	-1.95	44.10	6.53	34.48	33.06	359	101	Average	VERTICAL
2	5457.00	65.82	74.00	-8.18	57.75	6.60	34.53	33.06	359	101	Peak	VERTICAL
3	5469.00	52.60	54.00	-1.40	44.51	6.60	34.55	33.06	359	101	Average	VERTICAL
4	5469.00	69.37	74.00	-4.63	61.28	6.60	34.55	33.06	359	101	Peak	VERTICAL
5	5496.00	118.21			110.06	6.63	34.58	33.06	359	101	Peak	VERTICAL
6	5498.00	108.19			100.02	6.63	34.60	33.06	359	101	Average	VERTICAL

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

Channel 116

	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	5456.00	64.95	74.00	-9.05	56.88	6.60	34.53	33.06	338	188	Peak	VERTICAL
2	5457.00	52.92	54.00	-1.08	44.85	6.60	34.53	33.06	338	188	Average	VERTICAL
3	5462.00	64.68	68.20	-3.52	56.61	6.60	34.53	33.06	338	188	Peak	VERTICAL
4	5577.00	120.83			112.58	6.70	34.63	33.08	338	188	Peak	VERTICAL
5	5579.00	110.45			102.19	6.72	34.63	33.09	338	188	Average	VERTICAL
6	5813.00	63.24	68.20	-4.96	54.76	6.92	34.72	33.16	338	188	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5580 MHz.

Channel 140

	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	5454.00	51.37	54.00	-2.63	43.30	6.60	34.53	33.06	348	184	Average	VERTICAL
2	5454.00	62.19	74.00	-11.81	54.12	6.60	34.53	33.06	348	184	Peak	VERTICAL
3	5691.60	108.95			100.58	6.81	34.68	33.12	348	184	Average	VERTICAL
4	5691.60	118.21			109.84	6.81	34.68	33.12	348	184	Peak	VERTICAL
5	5727.60	66.76	68.20	-1.44	58.37	6.83	34.69	33.13	348	184	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5700 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 144

	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	5723.00	124.08			115.69	6.83	34.69	33.13	344	177	Peak	VERTICAL
2	5725.00	113.65			105.26	6.83	34.69	33.13	344	177	Average	VERTICAL
3	5959.00	66.92	68.20	-1.28	58.30	7.03	34.79	33.20	344	177	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5720 MHz.

Temperature	23℃	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 54

	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	5274.00	116.47			108.89	6.37	34.27	33.06	340	198	Peak	VERTICAL
2	5275.00	105.50			97.92	6.37	34.27	33.06	340	198	Average	VERTICAL
3	5356.00	52.87	54.00	-1.13	45.07	6.47	34.39	33.06	340	198	Average	VERTICAL
4	5364.00	64.86	74.00	-9.14	57.04	6.47	34.41	33.06	340	198	Peak	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	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5313.00	101.83			94.15	6.40	34.34	33.06	341	193	Average	VERTICAL
2	5313.00	112.23			104.55	6.40	34.34	33.06	341	193	Peak	VERTICAL
3	5350.00	52.89	54.00	-1.11	45.09	6.47	34.39	33.06	341	193	Average	VERTICAL
4	5352.00	66.95	74.00	-7.05	59.15	6.47	34.39	33.06	341	193	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 102

	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	5422.00	61.90	74.00	-12.10	53.95	6.53	34.48	33.06	351	200	Peak	VERTICAL
2	5460.00	50.77	54.00	-3.23	42.70	6.60	34.53	33.06	351	200	Average	VERTICAL
3	5466.00	66.62	68.20	-1.58	58.53	6.60	34.55	33.06	351	200	Peak	VERTICAL
4	5507.00	114.72			106.54	6.65	34.60	33.07	351	200	Peak	VERTICAL
5	5514.00	103.55			95.36	6.65	34.61	33.07	351	200	Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5510 MHz.

Channel 110

	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	5424.00	52.81	54.00	-1.19	44.86	6.53	34.48	33.06	357	199	Average	VERTICAL
2	5426.40	64.65	74.00	-9.35	56.67	6.56	34.48	33.06	357	199	Peak	VERTICAL
3	5468.80	63.43	68.20	-4.77	55.34	6.60	34.55	33.06	357	199	Peak	VERTICAL
4	5542.80	117.63			109.42	6.68	34.61	33.08	357	199	Peak	VERTICAL
5	5544.00	107.39			99.18	6.68	34.61	33.08	357	199	Average	VERTICAL

Item 4, 5 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	5675.00	105.81			97.47	6.79	34.67	33.12	344	197	Average	VERTICAL
2	5683.00	115.43			107.07	6.81	34.67	33.12	344	197	Peak	VERTICAL
3	5729.00	67.17	68.20	-1.03	58.78	6.83	34.69	33.13	344	197	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 23, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.00	110.66			102.28	6.83	34.68	33.13	321	197	Average	VERTICAL
2	5714.00	120.79			112.41	6.83	34.68	33.13	321	197	Peak	VERTICAL
3	5854.00	67.02	68.20	-1.18	58.50	6.95	34.74	33.17	321	197	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5710 MHz.