

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11160.40	46.62	54.00	-7.38	27.62	13.71	38.67	33.38	213	136	Average	HORIZONTAL
2	11160.78	59.45	74.00	-14.55	40.45	13.71	38.67	33.38	213	136	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11155.00	46.70	54.00	-7.30	27.82	13.65	38.61	33.38	226	115	Average	VERTICAL
2	11159.96	59.73	74.00	-14.27	40.73	13.71	38.67	33.38	226	115	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11394.91	59.98	74.00	-14.02	40.23	14.08	39.04	33.37	192	121	Peak	HORIZONTAL
2	11400.13	47.14	54.00	-6.86	27.39	14.08	39.04	33.37	192	121	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11395.93	59.63	74.00	-14.37	39.88	14.08	39.04	33.37	206	139	Peak	VERTICAL
2	11400.30	47.12	54.00	-6.88	27.37	14.08	39.04	33.37	206	139	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15812.23	63.26	74.00	-10.74	42.99	16.54	37.69	33.96	166	117	Peak	HORIZONTAL
2	15813.39	50.83	54.00	-3.17	30.56	16.54	37.69	33.96	166	117	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15807.35	63.59	74.00	-10.41	43.32	16.54	37.69	33.96	174	114	Peak	VERTICAL
2	15809.41	50.65	54.00	-3.35	30.38	16.54	37.69	33.96	174	114	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10614.72	46.10	54.00	-7.90	28.57	12.75	38.40	33.62	189	144	Average	HORIZONTAL
2	10615.44	62.84	74.00	-11.16	45.31	12.75	38.40	33.62	189	144	Peak	HORIZONTAL
3	15926.57	65.13	74.00	-8.87	45.13	16.63	37.47	34.10	179	147	Peak	HORIZONTAL
4	15931.67	51.62	54.00	-2.38	31.62	16.63	37.47	34.10	179	147	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10616.74	45.82	54.00	-8.18	28.29	12.75	38.40	33.62	173	149	Average	VERTICAL
2	10620.28	59.14	74.00	-14.86	41.61	12.75	38.40	33.62	173	149	Peak	VERTICAL
3	15925.95	51.67	54.00	-2.33	31.67	16.63	37.47	34.10	188	143	Average	VERTICAL
4	15933.12	64.67	74.00	-9.33	44.67	16.63	37.47	34.10	188	143	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11020.42	44.74	54.00	-9.26	26.28	13.44	38.40	33.38	218	149	Average	HORIZONTAL
2	11022.63	57.29	74.00	-16.71	38.83	13.44	38.40	33.38	218	149	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11023.24	44.96	54.00	-9.04	26.50	13.44	38.40	33.38	209	158	Average	VERTICAL
2	11024.85	57.60	74.00	-16.40	39.14	13.44	38.40	33.38	209	158	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11096.48	45.69	54.00	-8.31	26.91	13.60	38.56	33.38	225	152	Average	HORIZONTAL
2	11097.92	58.36	74.00	-15.64	39.58	13.60	38.56	33.38	225	152	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11100.06	58.77	74.00	-15.23	39.99	13.60	38.56	33.38	206	146	Peak	VERTICAL
2	11104.60	45.67	54.00	-8.33	26.89	13.60	38.56	33.38	206	146	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.98	59.57	74.00	-14.43	40.04	13.97	38.93	33.37	226	157	Peak	HORIZONTAL
2	11345.21	46.90	54.00	-7.10	27.37	13.97	38.93	33.37	226	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11338.52	59.67	74.00	-14.33	40.14	13.97	38.93	33.37	219	162	Peak	VERTICAL
2	11343.31	47.08	54.00	-6.92	27.55	13.97	38.93	33.37	219	162	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15868.35	50.77	54.00	-3.23	30.64	16.57	37.62	34.06	207	129	Average	HORIZONTAL
2	15874.69	63.79	74.00	-10.21	43.70	16.60	37.55	34.06	207	129	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15866.21	50.92	54.00	-3.08	30.74	16.57	37.62	34.01	196	120	Average	VERTICAL
2	15872.54	63.52	74.00	-10.48	43.39	16.57	37.62	34.06	196	120	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11056.93	45.16	54.00	-8.84	26.60	13.49	38.45	33.38	212	131	Average	HORIZONTAL
2	11059.75	58.06	74.00	-15.94	39.50	13.49	38.45	33.38	212	131	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11058.22	58.16	74.00	-15.84	39.60	13.49	38.45	33.38	219	136	Peak	VERTICAL
2	11062.78	45.36	54.00	-8.64	26.68	13.55	38.51	33.38	219	136	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11218.20	60.89	74.00	-13.11	41.79	13.76	38.72	33.38	205	126	Peak	HORIZONTAL
2	11218.56	47.31	54.00	-6.69	28.21	13.76	38.72	33.38	205	126	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11217.43	60.13	74.00	-13.87	41.03	13.76	38.72	33.38	220	132	Peak	VERTICAL
2	11223.65	47.89	54.00	-6.11	28.69	13.81	38.77	33.38	220	132	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.

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11436.33	46.60	54.00	-7.40	26.75	14.13	39.09	33.37	232	140	Average	HORIZONTAL
2	11438.83	59.80	74.00	-14.20	39.95	14.13	39.09	33.37	232	140	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11434.93	59.61	74.00	-14.39	39.76	14.13	39.09	33.37	218	134	Peak	VERTICAL
2	11437.67	46.62	54.00	-7.38	26.77	14.13	39.09	33.37	218	134	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11415.31	46.81	54.00	-7.19	27.06	14.08	39.04	33.37	218	167	Average	HORIZONTAL
2	11420.21	59.33	74.00	-14.67	39.48	14.13	39.09	33.37	218	167	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11417.48	61.07	74.00	-12.93	41.22	14.13	39.09	33.37	214	154	Peak	VERTICAL
2	11421.19	46.84	54.00	-7.16	26.99	14.13	39.09	33.37	214	154	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11378.64	59.85	74.00	-14.15	40.20	14.03	38.99	33.37	195	152	Peak	HORIZONTAL
2	11381.93	47.14	54.00	-6.86	27.49	14.03	38.99	33.37	195	152	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11375.40	59.67	74.00	-14.33	40.02	14.03	38.99	33.37	210	142	Peak	VERTICAL
2	11376.14	46.96	54.00	-7.04	27.31	14.03	38.99	33.37	210	142	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15710.20	64.08	74.00	-9.92	43.63	16.48	37.84	33.87	206	259	Peak	HORIZONTAL
2	15716.60	51.58	54.00	-2.42	31.18	16.48	37.84	33.92	206	259	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15720.96	51.36	54.00	-2.64	30.96	16.48	37.84	33.92	214	269	Average	VERTICAL
2	15724.24	64.06	74.00	-9.94	43.66	16.48	37.84	33.92	214	269	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10608.16	59.33	74.00	-14.67	41.80	12.75	38.40	33.62	237	252	Peak	HORIZONTAL
2	10608.92	46.37	54.00	-7.63	28.84	12.75	38.40	33.62	237	252	Average	HORIZONTAL
3	15898.68	51.66	54.00	-2.34	31.57	16.60	37.55	34.06	242	257	Average	HORIZONTAL
4	15909.60	64.73	74.00	-9.27	44.64	16.60	37.55	34.06	242	257	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10609.16	59.92	74.00	-14.08	42.39	12.75	38.40	33.62	209	257	Peak	VERTICAL
2	10610.92	46.74	54.00	-7.26	29.21	12.75	38.40	33.62	209	257	Average	VERTICAL
3	15899.28	51.80	54.00	-2.20	31.71	16.60	37.55	34.06	244	271	Average	VERTICAL
4	15899.36	64.42	74.00	-9.58	44.33	16.60	37.55	34.06	244	271	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10632.16	46.40	54.00	-7.60	28.82	12.80	38.40	33.62	219	213	Average	HORIZONTAL
2	10647.48	59.70	74.00	-14.30	42.09	12.80	38.40	33.59	219	213	Peak	HORIZONTAL
3	15952.56	51.69	54.00	-2.31	31.69	16.63	37.47	34.10	211	204	Average	HORIZONTAL
4	15957.52	65.13	74.00	-8.87	45.13	16.63	37.47	34.10	211	204	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10632.48	46.37	54.00	-7.63	28.79	12.80	38.40	33.62	211	190	Average	VERTICAL
2	10645.08	58.91	74.00	-15.09	41.30	12.80	38.40	33.59	211	190	Peak	VERTICAL
3	15957.64	51.78	54.00	-2.22	31.78	16.63	37.47	34.10	206	196	Average	VERTICAL
4	15968.96	64.65	74.00	-9.35	44.69	16.66	37.40	34.10	206	196	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10991.52	45.59	54.00	-8.41	27.20	13.39	38.40	33.40	216	148	Average	HORIZONTAL
2	11003.72	58.49	74.00	-15.51	40.03	13.44	38.40	33.38	216	148	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10990.24	58.52	74.00	-15.48	40.13	13.39	38.40	33.40	182	180	Peak	VERTICAL
2	10998.08	45.67	54.00	-8.33	27.21	13.44	38.40	33.38	182	180	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11155.96	59.71	74.00	-14.29	40.83	13.65	38.61	33.38	197	181	Peak	HORIZONTAL
2	11166.00	47.11	54.00	-6.89	28.11	13.71	38.67	33.38	197	181	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11154.80	46.65	54.00	-7.35	27.77	13.65	38.61	33.38	192	172	Average	VERTICAL
2	11158.56	59.62	74.00	-14.38	40.62	13.71	38.67	33.38	192	172	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11397.00	47.50	54.00	-6.50	27.75	14.08	39.04	33.37	216	177	Average	HORIZONTAL
2	11397.96	60.02	74.00	-13.98	40.27	14.08	39.04	33.37	216	177	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11390.64	60.08	74.00	-13.92	40.33	14.08	39.04	33.37	207	166	Peak	VERTICAL
2	11395.00	47.53	54.00	-6.47	27.78	14.08	39.04	33.37	207	166	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15805.04	51.19	54.00	-2.81	30.92	16.54	37.69	33.96	204	119	Average	HORIZONTAL
2	15807.08	63.74	74.00	-10.26	43.47	16.54	37.69	33.96	204	119	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15809.04	51.20	54.00	-2.80	30.93	16.54	37.69	33.96	200	100	Average	VERTICAL
2	15813.12	63.96	74.00	-10.04	43.69	16.54	37.69	33.96	200	100	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10611.08	46.55	54.00	-7.45	29.02	12.75	38.40	33.62	196	100	Average	HORIZONTAL
2	10614.96	59.37	74.00	-14.63	41.84	12.75	38.40	33.62	196	100	Peak	HORIZONTAL
3	15923.60	65.90	74.00	-8.10	45.90	16.63	37.47	34.10	213	107	Peak	HORIZONTAL
4	15938.92	52.33	54.00	-1.67	32.33	16.63	37.47	34.10	213	107	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10613.60	46.49	54.00	-7.51	28.96	12.75	38.40	33.62	194	98	Average	VERTICAL
2	10621.64	59.62	74.00	-14.38	42.04	12.80	38.40	33.62	194	98	Peak	VERTICAL
3	15924.48	64.76	74.00	-9.24	44.76	16.63	37.47	34.10	189	93	Peak	VERTICAL
4	15938.96	52.35	54.00	-1.65	32.35	16.63	37.47	34.10	189	93	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11012.28	45.45	54.00	-8.55	26.99	13.44	38.40	33.38	180	84	Average	HORIZONTAL
2	11026.20	58.37	74.00	-15.63	39.91	13.44	38.40	33.38	180	84	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11013.52	57.70	74.00	-16.30	39.24	13.44	38.40	33.38	188	79	Peak	VERTICAL
2	11025.68	45.48	54.00	-8.52	27.02	13.44	38.40	33.38	188	79	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11096.44	46.47	54.00	-7.53	27.69	13.60	38.56	33.38	207	93	Average	HORIZONTAL
2	11103.80	59.52	74.00	-14.48	40.74	13.60	38.56	33.38	207	93	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11102.12	59.29	74.00	-14.71	40.51	13.60	38.56	33.38	177	73	Peak	VERTICAL
2	11105.28	46.44	54.00	-7.56	27.66	13.60	38.56	33.38	177	73	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11337.04	60.60	74.00	-13.40	41.07	13.97	38.93	33.37	194	117	Peak	HORIZONTAL
2	11337.52	47.51	54.00	-6.49	27.98	13.97	38.93	33.37	194	117	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11344.24	47.58	54.00	-6.42	28.05	13.97	38.93	33.37	230	120	Average	VERTICAL
2	11346.44	60.42	74.00	-13.58	40.89	13.97	38.93	33.37	230	120	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15872.32	64.27	74.00	-9.73	44.14	16.57	37.62	34.06	227	142	Peak	HORIZONTAL
2	15878.80	51.56	54.00	-2.44	31.47	16.60	37.55	34.06	227	142	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15871.56	63.97	74.00	-10.03	43.84	16.57	37.62	34.06	208	121	Peak	VERTICAL
2	15875.80	51.43	54.00	-2.57	31.34	16.60	37.55	34.06	208	121	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11051.40	58.33	74.00	-15.67	39.77	13.49	38.45	33.38	218	159	Peak	HORIZONTAL
2	11065.60	45.77	54.00	-8.23	27.09	13.55	38.51	33.38	218	159	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11051.68	45.96	54.00	-8.04	27.40	13.49	38.45	33.38	208	168	Average	VERTICAL
2	11068.12	58.93	74.00	-15.07	40.25	13.55	38.51	33.38	208	168	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11212.84	47.62	54.00	-6.38	28.52	13.76	38.72	33.38	210	153	Average	HORIZONTAL
2	11222.56	60.78	74.00	-13.22	41.58	13.81	38.77	33.38	210	153	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11223.64	60.05	74.00	-13.95	40.85	13.81	38.77	33.38	228	158	Peak	VERTICAL
2	11225.64	47.67	54.00	-6.33	28.47	13.81	38.77	33.38	228	158	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.

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11434.24	47.01	54.00	-6.99	27.16	14.13	39.09	33.37	227	169	Average
2	11436.24	59.71	74.00	-14.29	39.86	14.13	39.09	33.37	227	169	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11439.04	60.19	74.00	-13.81	40.34	14.13	39.09	33.37	234	164	Peak	VERTICAL
2	11439.88	47.06	54.00	-6.94	27.21	14.13	39.09	33.37	234	164	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11410.64	59.98	74.00	-14.02	40.23	14.08	39.04	33.37	204	106	Peak	HORIZONTAL
2	11411.88	47.23	54.00	-6.77	27.48	14.08	39.04	33.37	204	106	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11420.20	47.39	54.00	-6.61	27.54	14.13	39.09	33.37	223	130	Average	VERTICAL
2	11420.56	60.84	74.00	-13.16	40.99	14.13	39.09	33.37	223	130	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11372.40	47.74	54.00	-6.26	28.09	14.03	38.99	33.37	216	161	Average	HORIZONTAL
2	11385.48	60.00	74.00	-14.00	40.25	14.08	39.04	33.37	216	161	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11371.84	47.79	54.00	-6.21	28.14	14.03	38.99	33.37	189	150	Average	VERTICAL
2	11374.36	59.95	74.00	-14.05	40.30	14.03	38.99	33.37	189	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15777.26	51.05	54.00	-2.95	30.74	16.51	37.76	33.96	211	274	Average
2	15779.22	64.30	74.00	-9.70	43.99	16.51	37.76	33.96	211	274	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15776.76	63.98	74.00	-10.02	43.67	16.51	37.76	33.96	219	298	Peak	VERTICAL
2	15780.86	51.06	54.00	-2.94	30.75	16.51	37.76	33.96	219	298	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10601.46	45.93	54.00	-8.07	28.42	12.75	38.40	33.64	216	292	Average	HORIZONTAL
2	10603.42	59.01	74.00	-14.99	41.50	12.75	38.40	33.64	216	292	Peak	HORIZONTAL
3	15902.54	64.45	74.00	-9.55	44.36	16.60	37.55	34.06	221	301	Peak	HORIZONTAL
4	15903.40	51.32	54.00	-2.68	31.23	16.60	37.55	34.06	221	301	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.38	45.79	54.00	-8.21	28.28	12.75	38.40	33.64	214	303	Average	VERTICAL
2	10601.34	59.49	74.00	-14.51	41.98	12.75	38.40	33.64	214	303	Peak	VERTICAL
3	15900.34	51.30	54.00	-2.70	31.21	16.60	37.55	34.06	207	312	Average	VERTICAL
4	15901.80	64.53	74.00	-9.47	44.44	16.60	37.55	34.06	207	312	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10636.38	45.98	54.00	-8.02	28.40	12.80	38.40	33.62	210	278	Average	HORIZONTAL
2	10642.94	59.41	74.00	-14.59	41.80	12.80	38.40	33.59	210	278	Peak	HORIZONTAL
3	15961.86	64.99	74.00	-9.01	44.99	16.63	37.47	34.10	207	285	Peak	HORIZONTAL
4	15963.82	51.61	54.00	-2.39	31.61	16.63	37.47	34.10	207	285	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10635.62	46.40	54.00	-7.60	28.82	12.80	38.40	33.62	227	240	Average	VERTICAL
2	10644.88	59.32	74.00	-14.68	41.71	12.80	38.40	33.59	227	240	Peak	VERTICAL
3	15956.68	51.55	54.00	-2.45	31.55	16.63	37.47	34.10	222	266	Average	VERTICAL
4	15956.96	64.44	74.00	-9.56	44.44	16.63	37.47	34.10	222	266	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11004.04	45.40	54.00	-8.60	26.94	13.44	38.40	33.38	244	142	Average	HORIZONTAL
2	11005.68	58.56	74.00	-15.44	40.10	13.44	38.40	33.38	244	142	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11002.72	59.17	74.00	-14.83	40.71	13.44	38.40	33.38	220	230	Peak
2	11006.92	45.38	54.00	-8.62	26.92	13.44	38.40	33.38	220	230	Average

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11160.32	59.94	74.00	-14.06	40.94	13.71	38.67	33.38	241	128	Peak	HORIZONTAL
2	11167.32	47.44	54.00	-6.56	28.44	13.71	38.67	33.38	241	128	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11168.44	60.06	74.00	-13.94	41.06	13.71	38.67	33.38	214	123	Peak	VERTICAL
2	11169.20	47.49	54.00	-6.51	28.49	13.71	38.67	33.38	214	123	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11398.72	47.10	54.00	-6.90	27.35	14.08	39.04	33.37	227	124	Average	HORIZONTAL
2	11401.50	59.82	74.00	-14.18	40.07	14.08	39.04	33.37	227	124	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11398.60	47.09	54.00	-6.91	27.34	14.08	39.04	33.37	206	113	Average	VERTICAL
2	11400.10	59.96	74.00	-14.04	40.21	14.08	39.04	33.37	206	113	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15807.77	50.73	54.00	-3.27	30.46	16.54	37.69	33.96	111	351	Average	HORIZONTAL
2	15812.43	63.92	74.00	-10.08	43.65	16.54	37.69	33.96	111	351	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15810.72	51.09	54.00	-2.91	30.82	16.54	37.69	33.96	114	344	Average
2	15811.61	63.75	74.00	-10.25	43.48	16.54	37.69	33.96	114	344	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10617.75	46.09	54.00	-7.91	28.56	12.75	38.40	33.62	106	309	Average	HORIZONTAL
2	10618.10	60.02	74.00	-13.98	42.49	12.75	38.40	33.62	106	309	Peak	HORIZONTAL
3	15930.51	64.96	74.00	-9.04	44.96	16.63	37.47	34.10	109	319	Peak	HORIZONTAL
4	15931.00	51.65	54.00	-2.35	31.65	16.63	37.47	34.10	109	319	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10619.27	46.53	54.00	-7.47	29.00	12.75	38.40	33.62	113	349	Average	VERTICAL
2	10621.63	59.49	74.00	-14.51	41.91	12.80	38.40	33.62	113	349	Peak	VERTICAL
3	15928.49	51.57	54.00	-2.43	31.57	16.63	37.47	34.10	111	328	Average	VERTICAL
4	15929.78	64.76	74.00	-9.24	44.76	16.63	37.47	34.10	111	328	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11018.49	45.14	54.00	-8.86	26.68	13.44	38.40	33.38	110	287	Average	HORIZONTAL
2	11020.37	58.75	74.00	-15.25	40.29	13.44	38.40	33.38	110	287	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11017.85	57.78	74.00	-16.22	39.32	13.44	38.40	33.38	112	298	Peak	VERTICAL
2	11018.92	45.12	54.00	-8.88	26.66	13.44	38.40	33.38	112	298	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11097.81	46.30	54.00	-7.70	27.52	13.60	38.56	33.38	106	309	Average
2	11100.19	59.13	74.00	-14.87	40.35	13.60	38.56	33.38	106	309	Peak

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11097.75	46.34	54.00	-7.66	27.56	13.60	38.56	33.38	108	298	Average
2	11098.19	59.25	74.00	-14.75	40.47	13.60	38.56	33.38	108	298	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.82	60.65	74.00	-13.35	41.12	13.97	38.93	33.37	108	319	Peak	HORIZONTAL
2	11341.51	47.09	54.00	-6.91	27.56	13.97	38.93	33.37	108	319	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.80	59.76	74.00	-14.24	40.23	13.97	38.93	33.37	113	311	Peak	VERTICAL
2	11340.23	47.32	54.00	-6.68	27.79	13.97	38.93	33.37	113	311	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15869.78	50.79	54.00	-3.21	30.66	16.57	37.62	34.06	117	341	Average
2	15872.27	63.88	74.00	-10.12	43.75	16.57	37.62	34.06	117	341	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15871.57	63.60	74.00	-10.40	43.47	16.57	37.62	34.06	111	339	Peak	VERTICAL
2	15872.29	50.86	54.00	-3.14	30.73	16.57	37.62	34.06	111	339	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11058.13	45.39	54.00	-8.61	26.83	13.49	38.45	33.38	123	342	Average
2	11061.21	58.81	74.00	-15.19	40.13	13.55	38.51	33.38	123	342	Peak

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11057.83	45.68	54.00	-8.32	27.12	13.49	38.45	33.38	120	351	Average
2	11060.74	58.85	74.00	-15.15	40.17	13.55	38.51	33.38	120	351	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11217.53	60.22	74.00	-13.78	41.12	13.76	38.72	33.38	113	339	Peak	HORIZONTAL
2	11219.95	47.14	54.00	-6.86	28.04	13.76	38.72	33.38	113	339	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11219.18	47.53	54.00	-6.47	28.43	13.76	38.72	33.38	118	333	Average	VERTICAL
2	11220.74	60.18	74.00	-13.82	41.08	13.76	38.72	33.38	118	333	Peak	VERTICAL

Note:

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

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11437.88	46.64	54.00	-7.36	26.79	14.13	39.09	33.37	206	121	Average
2	11442.80	59.45	74.00	-14.55	39.60	14.13	39.09	33.37	206	121	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11441.46	46.49	54.00	-7.51	26.64	14.13	39.09	33.37	229	88	Average
2	11444.20	59.72	74.00	-14.28	39.87	14.13	39.09	33.37	229	88	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11418.50	59.99	74.00	-14.01	40.14	14.13	39.09	33.37	119	317	Peak	HORIZONTAL
2	11422.10	46.80	54.00	-7.20	26.95	14.13	39.09	33.37	119	317	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11420.03	60.13	74.00	-13.87	40.28	14.13	39.09	33.37	114	321	Peak	VERTICAL
2	11420.84	47.11	54.00	-6.89	27.26	14.13	39.09	33.37	114	321	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11377.74	59.83	74.00	-14.17	40.18	14.03	38.99	33.37	128	338	Peak	HORIZONTAL
2	11379.05	46.75	54.00	-7.25	27.10	14.03	38.99	33.37	128	338	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11378.50	46.81	54.00	-7.19	27.16	14.03	38.99	33.37	130	341	Average	VERTICAL
2	11379.85	59.81	74.00	-14.19	40.16	14.03	38.99	33.37	130	341	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15722.73	64.74	74.00	-9.26	44.34	16.48	37.84	33.92	210	179	Peak	HORIZONTAL
2	15723.35	50.92	54.00	-3.08	30.52	16.48	37.84	33.92	210	179	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15714.93	51.05	54.00	-2.95	30.65	16.48	37.84	33.92	196	173	Average	VERTICAL
2	15716.44	64.01	74.00	-9.99	43.61	16.48	37.84	33.92	196	173	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.44	46.07	54.00	-7.93	28.56	12.75	38.40	33.64	185	148	Average	HORIZONTAL
2	10600.67	58.91	74.00	-15.09	41.40	12.75	38.40	33.64	185	148	Peak	HORIZONTAL
3	15895.63	64.43	74.00	-9.57	44.34	16.60	37.55	34.06	192	140	Peak	HORIZONTAL
4	15901.97	51.28	54.00	-2.72	31.19	16.60	37.55	34.06	192	140	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10596.65	46.38	54.00	-7.62	28.87	12.75	38.40	33.64	217	161	Average	VERTICAL
2	10599.19	59.58	74.00	-14.42	42.07	12.75	38.40	33.64	217	161	Peak	VERTICAL
3	15895.87	64.71	74.00	-9.29	44.62	16.60	37.55	34.06	212	156	Peak	VERTICAL
4	15904.49	51.20	54.00	-2.80	31.11	16.60	37.55	34.06	212	156	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.85	46.20	54.00	-7.80	28.59	12.80	38.40	33.59	198	138	Average	HORIZONTAL
2	10641.10	59.69	74.00	-14.31	42.08	12.80	38.40	33.59	198	138	Peak	HORIZONTAL
3	15959.68	64.77	74.00	-9.23	44.77	16.63	37.47	34.10	220	123	Peak	HORIZONTAL
4	15963.48	51.62	54.00	-2.38	31.62	16.63	37.47	34.10	220	123	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10639.43	58.89	74.00	-15.11	41.28	12.80	38.40	33.59	234	186	Peak	VERTICAL
2	10641.82	46.03	54.00	-7.97	28.42	12.80	38.40	33.59	234	186	Average	VERTICAL
3	15954.98	51.61	54.00	-2.39	31.61	16.63	37.47	34.10	204	145	Average	VERTICAL
4	15957.99	64.94	74.00	-9.06	44.94	16.63	37.47	34.10	204	145	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	10997.60	58.28	74.00	-15.72	39.82	13.44	38.40	33.38	210	193	Peak
2	10997.65	45.08	54.00	-8.92	26.62	13.44	38.40	33.38	211	193	Average

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11000.95	45.16	54.00	-8.84	26.70	13.44	38.40	33.38	224	177	Average
2	11003.96	57.82	74.00	-16.18	39.36	13.44	38.40	33.38	224	177	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11154.76	46.62	54.00	-7.38	27.74	13.65	38.61	33.38	193	186	Average	HORIZONTAL
2	11155.53	59.31	74.00	-14.69	40.43	13.65	38.61	33.38	192	186	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11154.85	46.46	54.00	-7.54	27.58	13.65	38.61	33.38	204	204	Average	VERTICAL
2	11161.89	59.70	74.00	-14.30	40.70	13.71	38.67	33.38	204	204	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11397.35	47.00	54.00	-7.00	27.25	14.08	39.04	33.37	212	203	Average	HORIZONTAL
2	11401.57	59.83	74.00	-14.17	40.08	14.08	39.04	33.37	212	203	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11399.98	47.03	54.00	-6.97	27.28	14.08	39.04	33.37	188	219	Average	VERTICAL
2	11400.85	59.94	74.00	-14.06	40.19	14.08	39.04	33.37	188	219	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15805.80	50.75	54.00	-3.25	30.48	16.54	37.69	33.96	237	101	Average	HORIZONTAL
2	15807.18	62.81	74.00	-11.19	42.54	16.54	37.69	33.96	237	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15807.20	50.80	54.00	-3.20	30.53	16.54	37.69	33.96	210	95	Average	VERTICAL
2	15807.29	63.69	74.00	-10.31	43.42	16.54	37.69	33.96	210	95	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10615.06	59.16	74.00	-14.84	41.63	12.75	38.40	33.62	205	104	Peak	HORIZONTAL
2	10615.91	46.22	54.00	-7.78	28.69	12.75	38.40	33.62	205	104	Average	HORIZONTAL
3	15927.41	51.59	54.00	-2.41	31.59	16.63	37.47	34.10	184	103	Average	HORIZONTAL
4	15934.79	64.17	74.00	-9.83	44.17	16.63	37.47	34.10	184	103	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10616.06	46.11	54.00	-7.89	28.58	12.75	38.40	33.62	234	118	Average	VERTICAL
2	10624.11	58.83	74.00	-15.17	41.25	12.80	38.40	33.62	234	118	Peak	VERTICAL
3	15927.18	51.66	54.00	-2.34	31.66	16.63	37.47	34.10	192	87	Average	VERTICAL
4	15930.57	64.64	74.00	-9.36	44.64	16.63	37.47	34.10	192	87	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11016.59	44.96	54.00	-9.04	26.50	13.44	38.40	33.38	214	112	Average	HORIZONTAL
2	11022.90	57.88	74.00	-16.12	39.42	13.44	38.40	33.38	214	112	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11015.23	44.94	54.00	-9.06	26.48	13.44	38.40	33.38	197	137	Average	VERTICAL
2	11016.12	57.82	74.00	-16.18	39.36	13.44	38.40	33.38	197	137	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11099.19	45.84	54.00	-8.16	27.06	13.60	38.56	33.38	205	137	Average	HORIZONTAL
2	11099.28	59.22	74.00	-14.78	40.44	13.60	38.56	33.38	205	137	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11096.82	58.22	74.00	-15.78	39.44	13.60	38.56	33.38	216	129	Peak	VERTICAL
2	11105.30	45.74	54.00	-8.26	26.96	13.60	38.56	33.38	216	129	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11336.04	60.17	74.00	-13.83	40.64	13.97	38.93	33.37	186	125	Peak	HORIZONTAL
2	11339.83	46.98	54.00	-7.02	27.45	13.97	38.93	33.37	186	125	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11338.90	46.89	54.00	-7.11	27.36	13.97	38.93	33.37	189	102	Average	VERTICAL
2	11344.35	59.99	74.00	-14.01	40.46	13.97	38.93	33.37	189	102	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15869.47	50.75	54.00	-3.25	30.62	16.57	37.62	34.06	150	26	Average	HORIZONTAL
2	15870.23	64.28	74.00	-9.72	44.15	16.57	37.62	34.06	150	26	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15869.53	50.81	54.00	-3.19	30.68	16.57	37.62	34.06	150	57	Average	VERTICAL
2	15870.95	63.81	74.00	-10.19	43.68	16.57	37.62	34.06	150	57	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11059.24	44.87	54.00	-9.13	26.31	13.49	38.45	33.38	150	84	Average	HORIZONTAL
2	11059.74	58.40	74.00	-15.60	39.84	13.49	38.45	33.38	150	84	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11059.70	58.48	74.00	-15.52	39.92	13.49	38.45	33.38	150	52	Peak	VERTICAL
2	11059.85	45.17	54.00	-8.83	26.61	13.49	38.45	33.38	150	52	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11220.68	47.26	54.00	-6.74	28.16	13.76	38.72	33.38	150	136	Average	HORIZONTAL
2	11220.74	60.38	74.00	-13.62	41.28	13.76	38.72	33.38	150	136	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11220.63	60.06	74.00	-13.94	40.96	13.76	38.72	33.38	150	115	Peak	VERTICAL
2	11220.80	47.13	54.00	-6.87	28.03	13.76	38.72	33.38	150	115	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.

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11397.94	47.40	54.00	-6.60	27.65	14.08	39.04	33.37	229	196	Average	HORIZONTAL
2	11399.72	60.80	74.00	-13.20	41.05	14.08	39.04	33.37	229	196	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11395.04	47.02	54.00	-6.98	27.27	14.08	39.04	33.37	246	190	Average	VERTICAL
2	11396.52	59.40	74.00	-14.60	39.65	14.08	39.04	33.37	247	190	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11418.56	46.72	54.00	-7.28	26.87	14.13	39.09	33.37	176	122	Average	HORIZONTAL
2	11420.74	59.72	74.00	-14.28	39.87	14.13	39.09	33.37	176	122	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11416.54	60.47	74.00	-13.53	40.72	14.08	39.04	33.37	173	116	Peak	VERTICAL
2	11422.52	46.78	54.00	-7.22	26.93	14.13	39.09	33.37	173	116	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11379.03	59.98	74.00	-14.02	40.33	14.03	38.99	33.37	150	177	Peak	HORIZONTAL
2	11380.16	47.07	54.00	-6.93	27.42	14.03	38.99	33.37	150	177	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11379.41	60.31	74.00	-13.69	40.66	14.03	38.99	33.37	150	156	Peak	VERTICAL
2	11380.51	47.06	54.00	-6.94	27.41	14.03	38.99	33.37	150	156	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15777.76	63.83	74.00	-10.17	43.52	16.51	37.76	33.96	207	195	Peak	HORIZONTAL
2	15780.00	51.30	54.00	-2.70	30.99	16.51	37.76	33.96	207	195	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15775.72	64.37	74.00	-9.63	44.06	16.51	37.76	33.96	200	197	Peak	VERTICAL
2	15776.00	51.33	54.00	-2.67	31.02	16.51	37.76	33.96	200	197	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.06	59.35	74.00	-14.65	41.84	12.75	38.40	33.64	227	201	Peak	HORIZONTAL
2	10600.80	46.13	54.00	-7.87	28.62	12.75	38.40	33.64	227	201	Average	HORIZONTAL
3	15902.37	64.40	74.00	-9.60	44.31	16.60	37.55	34.06	234	196	Peak	HORIZONTAL
4	15904.33	51.28	54.00	-2.72	31.19	16.60	37.55	34.06	234	196	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.16	58.82	74.00	-15.18	41.31	12.75	38.40	33.64	215	208	Peak	VERTICAL
2	10600.21	46.07	54.00	-7.93	28.56	12.75	38.40	33.64	215	208	Average	VERTICAL
3	15896.14	64.15	74.00	-9.85	44.06	16.60	37.55	34.06	223	202	Peak	VERTICAL
4	15905.17	51.39	54.00	-2.61	31.30	16.60	37.55	34.06	223	202	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10636.10	59.82	74.00	-14.18	42.24	12.80	38.40	33.62	228	244	Peak	HORIZONTAL
2	10637.33	45.89	54.00	-8.11	28.31	12.80	38.40	33.62	228	244	Average	HORIZONTAL
3	15954.81	51.48	54.00	-2.52	31.48	16.63	37.47	34.10	256	250	Average	HORIZONTAL
4	15958.37	64.23	74.00	-9.77	44.23	16.63	37.47	34.10	256	250	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10634.83	59.34	74.00	-14.66	41.76	12.80	38.40	33.62	213	212	Peak	VERTICAL
2	10634.87	46.00	54.00	-8.00	28.42	12.80	38.40	33.62	213	212	Average	VERTICAL
3	15955.08	51.50	54.00	-2.50	31.50	16.63	37.47	34.10	216	212	Average	VERTICAL
4	15960.64	63.69	74.00	-10.31	43.69	16.63	37.47	34.10	216	212	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	10997.48	45.71	54.00	-8.29	27.25	13.44	38.40	33.38	222	240	Average	HORIZONTAL
2	10999.72	58.33	74.00	-15.67	39.87	13.44	38.40	33.38	222	240	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	10998.92	58.74	74.00	-15.26	40.28	13.44	38.40	33.38	204	217	Peak	VERTICAL
2	11001.48	45.59	54.00	-8.41	27.13	13.44	38.40	33.38	204	217	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11156.76	46.36	54.00	-7.64	27.36	13.71	38.67	33.38	225	220	Average	HORIZONTAL
2	11157.99	59.54	74.00	-14.46	40.54	13.71	38.67	33.38	225	220	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11154.91	46.02	54.00	-7.98	27.14	13.65	38.61	33.38	216	229	Average	VERTICAL
2	11161.23	59.13	74.00	-14.87	40.13	13.71	38.67	33.38	216	229	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11397.48	47.42	54.00	-6.58	27.67	14.08	39.04	33.37	211	204	Average	HORIZONTAL
2	11400.04	60.33	74.00	-13.67	40.58	14.08	39.04	33.37	211	204	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11394.70	47.52	54.00	-6.48	27.77	14.08	39.04	33.37	206	200	Average	VERTICAL
2	11395.61	60.06	74.00	-13.94	40.31	14.08	39.04	33.37	206	200	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15813.52	63.73	74.00	-10.27	43.46	16.54	37.69	33.96	196	131	Peak	HORIZONTAL
2	15814.05	51.22	54.00	-2.78	30.95	16.54	37.69	33.96	196	131	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15809.45	51.28	54.00	-2.72	31.01	16.54	37.69	33.96	198	147	Average	VERTICAL
2	15811.17	64.46	74.00	-9.54	44.19	16.54	37.69	33.96	198	147	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10615.23	46.27	54.00	-7.73	28.74	12.75	38.40	33.62	202	128	Average	HORIZONTAL
2	10616.21	59.84	74.00	-14.16	42.31	12.75	38.40	33.62	202	128	Peak	HORIZONTAL
3	15926.38	64.77	74.00	-9.23	44.77	16.63	37.47	34.10	197	122	Peak	HORIZONTAL
4	15931.00	51.62	54.00	-2.38	31.62	16.63	37.47	34.10	197	122	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10619.94	58.45	74.00	-15.55	40.92	12.75	38.40	33.62	210	134	Peak	VERTICAL
2	10621.70	46.22	54.00	-7.78	28.64	12.80	38.40	33.62	210	134	Average	VERTICAL
3	15930.15	51.75	54.00	-2.25	31.75	16.63	37.47	34.10	220	144	Average	VERTICAL
4	15931.61	64.24	74.00	-9.76	44.24	16.63	37.47	34.10	220	144	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11015.38	45.31	54.00	-8.69	26.85	13.44	38.40	33.38	201	110	Average	HORIZONTAL
2	11023.94	58.94	74.00	-15.06	40.48	13.44	38.40	33.38	201	110	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11018.26	45.42	54.00	-8.58	26.96	13.44	38.40	33.38	208	112	Average	VERTICAL
2	11019.22	57.94	74.00	-16.06	39.48	13.44	38.40	33.38	208	112	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11096.40	46.05	54.00	-7.95	27.27	13.60	38.56	33.38	209	118	Average	HORIZONTAL
2	11099.34	59.25	74.00	-14.75	40.47	13.60	38.56	33.38	209	118	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11095.53	45.81	54.00	-8.19	27.03	13.60	38.56	33.38	187	105	Average	VERTICAL
2	11097.88	58.70	74.00	-15.30	39.92	13.60	38.56	33.38	187	105	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11337.79	47.55	54.00	-6.45	28.02	13.97	38.93	33.37	212	105	Average	HORIZONTAL
2	11339.98	60.75	74.00	-13.25	41.22	13.97	38.93	33.37	212	105	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.85	47.53	54.00	-6.47	28.00	13.97	38.93	33.37	203	88	Average	VERTICAL
2	11345.19	59.87	74.00	-14.13	40.34	13.97	38.93	33.37	203	88	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15864.95	63.85	74.00	-10.15	43.67	16.57	37.62	34.01	201	119	Peak	HORIZONTAL
2	15872.14	51.01	54.00	-2.99	30.88	16.57	37.62	34.06	201	119	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15864.72	63.81	74.00	-10.19	43.63	16.57	37.62	34.01	207	123	Peak	VERTICAL
2	15875.26	51.08	54.00	-2.92	30.99	16.60	37.55	34.06	207	123	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15865.78	51.14	54.00	-2.86	30.96	16.57	37.62	34.01	218	135	Average	HORIZONTAL
2	15870.76	63.56	74.00	-10.44	43.43	16.57	37.62	34.06	218	135	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15869.02	63.85	74.00	-10.15	43.72	16.57	37.62	34.06	235	122	Peak	VERTICAL
2	15871.06	51.17	54.00	-2.83	31.04	16.57	37.62	34.06	235	122	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11221.23	60.46	74.00	-13.54	41.26	13.81	38.77	33.38	225	113	Peak	HORIZONTAL
2	11223.77	47.36	54.00	-6.64	28.16	13.81	38.77	33.38	225	113	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11215.21	47.62	54.00	-6.38	28.52	13.76	38.72	33.38	244	94	Average	VERTICAL
2	11222.31	60.15	74.00	-13.85	40.95	13.81	38.77	33.38	244	94	Peak	VERTICAL

Note:

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

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11440.11	47.08	54.00	-6.92	27.23	14.13	39.09	33.37	196	186	Average	HORIZONTAL
2	11440.19	59.97	74.00	-14.03	40.12	14.13	39.09	33.37	196	186	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11436.91	47.25	54.00	-6.75	27.40	14.13	39.09	33.37	191	194	Average	VERTICAL
2	11443.05	60.18	74.00	-13.82	40.33	14.13	39.09	33.37	191	194	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11416.76	47.58	54.00	-6.42	27.83	14.08	39.04	33.37	190	95	Average	HORIZONTAL
2	11423.84	59.99	74.00	-14.01	40.14	14.13	39.09	33.37	190	95	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11420.74	47.64	54.00	-6.36	27.79	14.13	39.09	33.37	208	70	Average	VERTICAL
2	11423.96	60.32	74.00	-13.68	40.47	14.13	39.09	33.37	208	70	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 26, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11380.72	47.51	54.00	-6.49	27.86	14.03	38.99	33.37	179	159	Average	HORIZONTAL
2	11384.54	61.24	74.00	-12.76	41.49	14.08	39.04	33.37	179	159	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11381.12	60.40	74.00	-13.60	40.75	14.03	38.99	33.37	203	168	Peak	VERTICAL
2	11381.65	47.57	54.00	-6.43	27.92	14.03	38.99	33.37	203	168	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15780.00	64.05	74.00	-9.95	43.74	16.51	37.76	33.96	150	139	Peak	HORIZONTAL
2	15780.00	50.67	54.00	-3.33	30.36	16.51	37.76	33.96	150	139	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15780.00	64.50	74.00	-9.50	44.19	16.51	37.76	33.96	150	121	Peak	VERTICAL
2	15780.00	50.79	54.00	-3.21	30.48	16.51	37.76	33.96	150	121	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	10600.00	59.49	74.00	-14.51	41.98	12.75	38.40	33.64	150	181	Peak	HORIZONTAL
2	10600.00	45.87	54.00	-8.13	28.36	12.75	38.40	33.64	150	181	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	10600.00	59.10	74.00	-14.90	41.59	12.75	38.40	33.64	150	167	Peak	VERTICAL
2	10600.00	45.99	54.00	-8.01	28.48	12.75	38.40	33.64	150	167	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.00	45.81	54.00	-8.19	28.20	12.80	38.40	33.59	150	208	Average	HORIZONTAL
2	10640.00	58.65	74.00	-15.35	41.04	12.80	38.40	33.59	150	208	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.00	45.67	54.00	-8.33	28.06	12.80	38.40	33.59	150	192	Average	VERTICAL
2	10640.00	58.57	74.00	-15.43	40.96	12.80	38.40	33.59	150	192	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11000.00	58.09	74.00	-15.91	39.63	13.44	38.40	33.38	150	238	Peak	HORIZONTAL
2	11000.00	44.72	54.00	-9.28	26.26	13.44	38.40	33.38	150	238	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11000.00	57.97	74.00	-16.03	39.51	13.44	38.40	33.38	150	218	Peak	VERTICAL
2	11000.00	44.67	54.00	-9.33	26.21	13.44	38.40	33.38	150	218	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11160.00	59.42	74.00	-14.58	40.42	13.71	38.67	33.38	150	260	Peak	HORIZONTAL
2	11160.00	46.25	54.00	-7.75	27.25	13.71	38.67	33.38	150	260	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11160.00	59.27	74.00	-14.73	40.27	13.71	38.67	33.38	150	249	Peak	VERTICAL
2	11160.00	46.35	54.00	-7.65	27.35	13.71	38.67	33.38	150	249	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11400.00	59.91	74.00	-14.09	40.16	14.08	39.04	33.37	150	308	Peak	HORIZONTAL
2	11400.00	46.77	54.00	-7.23	27.02	14.08	39.04	33.37	150	308	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11400.00	60.13	74.00	-13.87	40.38	14.08	39.04	33.37	150	283	Peak	VERTICAL
2	11400.00	46.83	54.00	-7.17	27.08	14.08	39.04	33.37	150	283	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15809.61	50.55	54.00	-3.45	30.28	16.54	37.69	33.96	150	124	Average	HORIZONTAL
2	15809.93	63.63	74.00	-10.37	43.36	16.54	37.69	33.96	150	124	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15809.60	63.80	74.00	-10.20	43.53	16.54	37.69	33.96	150	145	Peak	VERTICAL
2	15810.17	50.50	54.00	-3.50	30.23	16.54	37.69	33.96	150	145	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	10619.89	59.25	74.00	-14.75	41.72	12.75	38.40	33.62	150	96	Peak	HORIZONTAL
2	10619.98	45.64	54.00	-8.36	28.11	12.75	38.40	33.62	150	96	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11020.04	44.66	54.00	-9.34	26.20	13.44	38.40	33.38	150	77	Average	VERTICAL
2	11020.12	58.48	74.00	-15.52	40.02	13.44	38.40	33.38	150	77	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11019.72	44.77	54.00	-9.23	26.31	13.44	38.40	33.38	150	48 Average	HORIZONTAL
2	11020.27	58.40	74.00	-15.60	39.94	13.44	38.40	33.38	150	48 Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11020.04	44.66	54.00	-9.34	26.20	13.44	38.40	33.38	150	77 Average	VERTICAL
2	11020.12	58.48	74.00	-15.52	40.02	13.44	38.40	33.38	150	77 Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.81	45.26	54.00	-8.74	26.48	13.60	38.56	33.38	150	91	Average	HORIZONTAL
2	11100.30	58.59	74.00	-15.41	39.81	13.60	38.56	33.38	150	91	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.75	45.43	54.00	-8.57	26.65	13.60	38.56	33.38	150	71	Average	VERTICAL
2	11100.23	58.43	74.00	-15.57	39.65	13.60	38.56	33.38	150	71	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11340.04	59.61	74.00	-14.39	40.08	13.97	38.93	33.37	150	124	Peak	HORIZONTAL
2	11340.41	46.73	54.00	-7.27	27.20	13.97	38.93	33.37	150	124	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11340.04	60.12	74.00	-13.88	40.59	13.97	38.93	33.37	150	103	Peak	VERTICAL
2	11340.10	46.81	54.00	-7.19	27.28	13.97	38.93	33.37	150	103	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.36	50.59	54.00	-3.41	30.46	16.57	37.62	34.06	150	304	Average	HORIZONTAL
2	15870.40	64.16	74.00	-9.84	44.03	16.57	37.62	34.06	150	304	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15869.56	50.53	54.00	-3.47	30.40	16.57	37.62	34.06	150	286	Average	VERTICAL
2	15869.80	63.93	74.00	-10.07	43.80	16.57	37.62	34.06	150	286	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11059.68	44.89	54.00	-9.11	26.33	13.49	38.45	33.38	150	348	Average
2	11059.84	58.24	74.00	-15.76	39.68	13.49	38.45	33.38	150	348	Peak

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11059.78	57.73	74.00	-16.27	39.17	13.49	38.45	33.38	150	334	Peak
2	11059.87	44.84	54.00	-9.16	26.28	13.49	38.45	33.38	150	334	Average

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11220.10	60.05	74.00	-13.95	40.95	13.76	38.72	33.38	150	307	Peak	HORIZONTAL
2	11220.33	46.89	54.00	-7.11	27.79	13.76	38.72	33.38	150	307	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	11220.31	60.74	74.00	-13.26	41.64	13.76	38.72	33.38	150	327	Peak	VERTICAL
2	11220.39	46.86	54.00	-7.14	27.76	13.76	38.72	33.38	150	327	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.

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11440.00	59.08	74.00	-14.92	39.23	14.13	39.09	33.37	150	357	Peak	HORIZONTAL
2	11440.00	46.19	54.00	-7.81	26.34	14.13	39.09	33.37	150	357	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11440.00	46.43	54.00	-7.57	26.58	14.13	39.09	33.37	150	332	Average	VERTICAL
2	11440.00	59.84	74.00	-14.16	39.99	14.13	39.09	33.37	150	332	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11420.18	46.62	54.00	-7.38	26.77	14.13	39.09	33.37	150	173	Average	HORIZONTAL
2	11420.44	59.45	74.00	-14.55	39.60	14.13	39.09	33.37	150	173	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11419.57	46.51	54.00	-7.49	26.66	14.13	39.09	33.37	150	156	Average	VERTICAL
2	11420.38	60.50	74.00	-13.50	40.65	14.13	39.09	33.37	150	156	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 27, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11380.11	60.14	74.00	-13.86	40.49	14.03	38.99	33.37	150	257	Peak	HORIZONTAL
2	11380.19	46.88	54.00	-7.12	27.23	14.03	38.99	33.37	150	257	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11379.98	59.63	74.00	-14.37	39.98	14.03	38.99	33.37	150	283	Peak	VERTICAL
2	11380.09	46.76	54.00	-7.24	27.11	14.03	38.99	33.37	150	283	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	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15785.01	63.51	74.00	-10.49	43.24	16.54	37.69	33.96	178	120 Peak	HORIZONTAL
2	15788.39	50.39	54.00	-3.61	30.12	16.54	37.69	33.96	178	120 Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15773.08	63.32	74.00	-10.68	43.01	16.51	37.76	33.96	185	125 Peak	VERTICAL
2	15778.15	50.35	54.00	-3.65	30.04	16.51	37.76	33.96	185	125 Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10601.48	45.84	54.00	-8.16	28.33	12.75	38.40	33.64	156	107 Average	HORIZONTAL
2	10608.08	58.38	74.00	-15.62	40.85	12.75	38.40	33.62	156	107 Peak	HORIZONTAL
3	15899.51	50.66	54.00	-3.34	30.57	16.60	37.55	34.06	164	116 Average	HORIZONTAL
4	15902.66	63.95	74.00	-10.05	43.86	16.60	37.55	34.06	164	116 Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10600.61	58.03	74.00	-15.97	40.52	12.75	38.40	33.64	169	145 Peak	VERTICAL
2	10600.61	45.86	54.00	-8.14	28.35	12.75	38.40	33.64	169	145 Average	VERTICAL
3	15890.91	63.84	74.00	-10.16	43.75	16.60	37.55	34.06	181	140 Peak	VERTICAL
4	15895.08	50.80	54.00	-3.20	30.71	16.60	37.55	34.06	181	140 Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.06	59.14	74.00	-14.86	41.53	12.80	38.40	33.59	178	162	Peak	HORIZONTAL
2	10644.20	48.20	54.00	-5.80	30.59	12.80	38.40	33.59	178	162	Average	HORIZONTAL
3	15954.76	63.09	74.00	-10.91	43.09	16.63	37.47	34.10	183	157	Peak	HORIZONTAL
4	15963.42	50.63	54.00	-3.37	30.63	16.63	37.47	34.10	183	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10644.05	46.26	54.00	-7.74	28.65	12.80	38.40	33.59	174	134	Average	VERTICAL
2	10646.11	59.40	74.00	-14.60	41.79	12.80	38.40	33.59	174	134	Peak	VERTICAL
3	15951.55	50.65	54.00	-3.35	30.65	16.63	37.47	34.10	169	139	Average	VERTICAL
4	15953.20	64.43	74.00	-9.57	44.43	16.63	37.47	34.10	169	139	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11002.72	59.57	74.00	-14.43	41.11	13.44	38.40	33.38	193	171	Peak	HORIZONTAL
2	11006.31	46.81	54.00	-7.19	28.35	13.44	38.40	33.38	193	171	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10990.39	46.63	54.00	-7.37	28.24	13.39	38.40	33.40	181	164	Average
2	10993.55	59.63	74.00	-14.37	41.22	13.39	38.40	33.38	181	164	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	cm	deg		
1	11157.16	47.48	54.00	-6.52	28.48	13.71	38.67	210	210	Average	HORIZONTAL
2	11165.64	60.42	74.00	-13.58	41.42	13.71	38.67	210	210	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	cm	deg		
1	11155.25	47.54	54.00	-6.46	28.66	13.65	38.61	174	172	Average	VERTICAL
2	11165.04	61.23	74.00	-12.77	42.23	13.71	38.67	174	172	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11390.19	48.37	54.00	-5.63	28.62	14.08	39.04	33.37	215	206 Average	HORIZONTAL
2	11397.97	61.77	74.00	-12.23	42.02	14.08	39.04	33.37	215	206 Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11399.36	48.39	54.00	-5.61	28.64	14.08	39.04	33.37	222	187 Average	VERTICAL
2	11403.82	61.51	74.00	-12.49	41.76	14.08	39.04	33.37	222	187 Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15683.63	50.21	54.00	-3.79	29.72	16.45	37.91	33.87	203	143	Average	HORIZONTAL
2	15692.37	63.70	74.00	-10.30	43.25	16.48	37.84	33.87	203	143	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg		
1	15681.69	50.11	54.00	-3.89	29.62	16.45	37.91	33.87	195	134	Average	VERTICAL
2	15693.39	62.77	74.00	-11.23	42.32	16.48	37.84	33.87	195	134	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10610.30	46.10	54.00	-7.90	28.57	12.75	38.40	33.62	214	153	Average	HORIZONTAL
2	10618.90	58.94	74.00	-15.06	41.41	12.75	38.40	33.62	214	153	Peak	HORIZONTAL
3	15930.90	50.65	54.00	-3.35	30.65	16.63	37.47	34.10	223	148	Average	HORIZONTAL
4	15931.45	63.18	74.00	-10.82	43.18	16.63	37.47	34.10	223	148	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10611.81	46.41	54.00	-7.59	28.88	12.75	38.40	33.62	224	158	Average	VERTICAL
2	10626.11	58.96	74.00	-15.04	41.38	12.80	38.40	33.62	224	158	Peak	VERTICAL
3	15931.62	50.69	54.00	-3.31	30.69	16.63	37.47	34.10	230	154	Average	VERTICAL
4	15938.97	63.82	74.00	-10.18	43.82	16.63	37.47	34.10	230	154	Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11011.66	60.22	74.00	-13.78	41.76	13.44	38.40	33.38	222	138 Peak	HORIZONTAL
2	11015.14	46.65	54.00	-7.35	28.19	13.44	38.40	33.38	222	138 Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	11012.16	46.95	54.00	-7.05	28.49	13.44	38.40	33.38	227	139 Average	VERTICAL
2	11028.31	60.08	74.00	-13.92	41.52	13.49	38.45	33.38	227	139 Peak	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11099.42	47.41	54.00	-6.59	28.63	13.60	38.56	33.38	216	126	Average
2	11103.47	60.83	74.00	-13.17	42.05	13.60	38.56	33.38	216	126	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11106.25	47.42	54.00	-6.58	28.64	13.60	38.56	33.38	211	118	Average
2	11109.99	60.94	74.00	-13.06	42.16	13.60	38.56	33.38	211	118	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11343.30	48.21	54.00	-5.79	28.68	13.97	38.93	33.37	201	132	Average
2	11344.89	61.11	74.00	-12.89	41.58	13.97	38.93	33.37	201	132	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11330.04	61.34	74.00	-12.66	41.81	13.97	38.93	33.37	205	126	Peak	VERTICAL
2	11333.83	48.23	54.00	-5.77	28.70	13.97	38.93	33.37	205	126	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.62	63.37	74.00	-10.63	43.24	16.57	37.62	34.06	137	311	Peak	HORIZONTAL
2	15870.64	51.15	54.00	-2.85	31.02	16.57	37.62	34.06	137	311	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15869.51	63.66	74.00	-10.34	43.53	16.57	37.62	34.06	139	303	Peak	VERTICAL
2	15870.34	51.10	54.00	-2.90	30.97	16.57	37.62	34.06	139	303	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11060.19	45.85	54.00	-8.15	27.17	13.55	38.51	33.38	132	321	Average	HORIZONTAL
2	11060.55	59.91	74.00	-14.09	41.23	13.55	38.51	33.38	132	321	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11060.62	58.87	74.00	-15.13	40.19	13.55	38.51	33.38	136	301	Peak	VERTICAL
2	11060.90	45.55	54.00	-8.45	26.87	13.55	38.51	33.38	136	301	Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11219.12	47.36	54.00	-6.64	28.26	13.76	38.72	33.38	126	310	Average	HORIZONTAL
2	11219.74	58.82	74.00	-15.18	39.72	13.76	38.72	33.38	126	310	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11219.45	47.02	54.00	-6.98	27.92	13.76	38.72	33.38	129	333	Average	VERTICAL
2	11219.59	61.05	74.00	-12.95	41.95	13.76	38.72	33.38	129	333	Peak	VERTICAL

Note:

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

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11433.00	61.62	74.00	-12.38	41.77	14.13	39.09	33.37	231	126 Peak	HORIZONTAL
2	11442.14	48.12	54.00	-5.88	28.27	14.13	39.09	33.37	231	126 Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11439.22	61.07	74.00	-12.93	41.22	14.13	39.09	33.37	233	165 Peak	VERTICAL
2	11441.13	48.13	54.00	-5.87	28.28	14.13	39.09	33.37	233	165 Average	VERTICAL

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11412.33	48.42	54.00	-5.58	28.67	14.08	39.04	33.37	217	102	Average	HORIZONTAL
2	11412.97	61.25	74.00	-12.75	41.50	14.08	39.04	33.37	217	102	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11411.58	48.41	54.00	-5.59	28.66	14.08	39.04	33.37	242	23	Average
2	11413.55	61.83	74.00	-12.17	42.08	14.08	39.04	33.37	242	23	Peak

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11379.58	46.61	54.00	-7.39	26.96	14.03	38.99	33.37	121	314	Average
2	11379.99	59.80	74.00	-14.20	40.15	14.03	38.99	33.37	121	314	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11379.21	59.81	74.00	-14.19	40.16	14.03	38.99	33.37	123	301	Peak	VERTICAL
2	11379.45	46.32	54.00	-7.68	26.67	14.03	38.99	33.37	123	301	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 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

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

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

4.7.2. 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)	1 MHz / 3MHz for Peak, 1 MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1 MHz / 3MHz for Peak

4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3.

4.7.4. Test Setup Layout

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

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015 ~ Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5150.00	58.96	74.00	-15.04	50.12	8.15	33.74	33.05	221	332	Peak	VERTICAL
2	5150.00	48.32	54.00	-5.68	39.48	8.15	33.74	33.05	221	332	Average	VERTICAL
3	5252.20	119.55			110.43	8.27	33.91	33.06	221	332	Peak	VERTICAL
4	5252.20	109.42			100.30	8.27	33.91	33.06	221	332	Average	VERTICAL
5	5350.00	49.49	54.00	-4.51	40.29	8.20	34.06	33.06	221	332	Average	VERTICAL
6	5351.20	60.40	74.00	-13.60	51.20	8.20	34.06	33.06	221	332	Peak	VERTICAL

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

Channel 60

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5299.20	109.76			100.60	8.24	33.98	33.06	228	39	Average	VERTICAL
2	5303.60	121.12			111.96	8.24	33.98	33.06	228	39	Peak	VERTICAL
3	5373.60	62.23	74.00	-11.77	53.00	8.18	34.11	33.06	228	39	Peak	VERTICAL
4	5376.00	49.93	54.00	-4.07	40.70	8.18	34.11	33.06	228	39	Average	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5314.20	108.81			99.63	8.23	34.01	33.06	214	33	Average	VERTICAL
2	5314.80	121.49			112.31	8.23	34.01	33.06	214	33	Peak	VERTICAL
3	5350.00	52.21	54.00	-1.79	43.01	8.20	34.06	33.06	214	33	Average	VERTICAL
4	5350.20	64.37	74.00	-9.63	55.17	8.20	34.06	33.06	214	33	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5453.60	63.84	74.00	-10.16	54.31	8.36	34.23	33.06	232	298 Peak	VERTICAL
2	5459.00	50.93	54.00	-3.07	41.40	8.36	34.23	33.06	232	298 Average	VERTICAL
3	5467.60	66.36	68.20	-1.84	56.76	8.41	34.25	33.06	232	298 Peak	VERTICAL
4	5495.00	120.89			111.21	8.46	34.28	33.06	232	298 Peak	VERTICAL
5	5495.40	108.20			98.45	8.51	34.30	33.06	232	298 Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5437.20	50.01	54.00	-3.99	40.55	8.32	34.20	33.06	170	358 Average	HORIZONTAL
2	5454.60	62.13	74.00	-11.87	52.60	8.36	34.23	33.06	170	358 Peak	HORIZONTAL
3	5464.60	62.98	68.20	-5.22	53.38	8.41	34.25	33.06	170	358 Peak	HORIZONTAL
4	5584.80	114.84			104.83	8.75	34.35	33.09	170	358 Peak	HORIZONTAL
5	5587.20	104.06			94.05	8.75	34.35	33.09	170	358 Average	HORIZONTAL
6	5728.20	61.32	68.20	-6.88	51.55	8.47	34.44	33.14	170	358 Peak	HORIZONTAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5695.20	116.66			106.81	8.56	34.42	33.13	150	350 Average	HORIZONTAL
2	5696.40	104.10			94.25	8.56	34.42	33.13	150	350 Peak	HORIZONTAL
3	5725.00	65.69	68.20	-2.51	55.91	8.47	34.44	33.13	150	350 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5272.00	107.84			98.70	8.26	33.94	33.06	224	339	Average	VERTICAL
2	5273.60	119.42			110.28	8.26	33.94	33.06	224	339	Peak	VERTICAL
3	5350.00	63.49	74.00	-10.51	54.29	8.20	34.06	33.06	224	339	Peak	VERTICAL
4	5350.80	50.64	54.00	-3.36	41.44	8.20	34.06	33.06	224	339	Average	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5300.00	112.72			103.56	8.24	33.98	33.06	220	346	Peak	VERTICAL
2	5300.40	101.60			92.44	8.24	33.98	33.06	220	346	Average	VERTICAL
3	5350.00	52.75	54.00	-1.25	43.55	8.20	34.06	33.06	220	346	Average	VERTICAL
4	5356.80	64.94	74.00	-9.06	55.73	8.19	34.08	33.06	220	346	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5440.00	52.13	54.00	-1.87	42.67	8.32	34.20	33.06	146	300 Average	VERTICAL
2	5455.60	65.03	74.00	-8.97	55.50	8.36	34.23	33.06	146	300 Peak	VERTICAL
3	5465.60	67.01	68.20	-1.19	57.41	8.41	34.25	33.06	146	300 Peak	VERTICAL
4	5498.00	105.86			96.11	8.51	34.30	33.06	146	300 Average	VERTICAL
5	5520.40	117.40			107.60	8.56	34.31	33.07	146	300 Peak	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5457.20	52.03	54.00	-1.97	42.50	8.36	34.23	33.06	136	26 Average	VERTICAL
2	5460.00	65.35	74.00	-8.65	55.82	8.36	34.23	33.06	136	26 Peak	VERTICAL
3	5470.00	67.12	68.20	-1.08	57.52	8.41	34.25	33.06	136	26 Peak	VERTICAL
4	5541.60	121.64			111.78	8.61	34.32	33.07	136	26 Peak	VERTICAL
5	5547.60	109.90			100.00	8.65	34.33	33.08	136	26 Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5668.40	107.54			97.61	8.64	34.40	33.11	180	31 Average	VERTICAL
2	5678.40	118.30			108.41	8.60	34.41	33.12	180	31 Peak	VERTICAL
3	5731.20	66.89	68.20	-1.31	57.12	8.47	34.44	33.14	180	31 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5051.00	49.01	54.00	-4.99	40.75	7.74	33.57	33.05	179	308	Average	VERTICAL
2	5059.00	61.20	74.00	-12.80	52.85	7.80	33.60	33.05	179	308	Peak	VERTICAL
3	5254.00	107.97			98.85	8.27	33.91	33.06	179	308	Peak	VERTICAL
4	5266.00	97.01			87.87	8.26	33.94	33.06	179	308	Average	VERTICAL
5	5350.00	52.97	54.00	-1.03	43.77	8.20	34.06	33.06	179	308	Average	VERTICAL
6	5377.00	64.60	74.00	-9.40	55.37	8.18	34.11	33.06	179	308	Peak	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5444.00	63.98	74.00	-10.02	54.52	8.32	34.20	33.06	178	33	Peak	VERTICAL
2	5459.00	52.27	54.00	-1.73	42.74	8.36	34.23	33.06	178	33	Average	VERTICAL
3	5463.00	52.60	54.00	-1.40	43.07	8.36	34.23	33.06	178	33	Average	VERTICAL
4	5469.00	69.16	74.00	-4.84	59.56	8.41	34.25	33.06	178	33	Peak	VERTICAL
5	5546.00	108.82			98.92	8.65	34.33	33.08	178	33	Peak	VERTICAL
6	5548.00	97.59			87.69	8.65	34.33	33.08	178	33	Average	VERTICAL
7	5771.00	61.69	74.00	-12.31	51.99	8.39	34.46	33.15	178	33	Peak	VERTICAL
8	5773.00	49.60	54.00	-4.40	39.93	8.35	34.47	33.15	178	33	Average	VERTICAL

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

Channel 122

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5460.00	63.95	74.00	-10.05	54.42	8.36	34.23	33.06	181	31	Peak	VERTICAL
2	5460.00	51.99	54.00	-2.01	42.46	8.36	34.23	33.06	181	31	Average	VERTICAL
3	5467.00	67.90	74.00	-6.10	58.30	8.41	34.25	33.06	181	31	Peak	VERTICAL
4	5470.00	52.59	54.00	-1.41	42.99	8.41	34.25	33.06	181	31	Average	VERTICAL
5	5582.00	104.68			94.67	8.75	34.35	33.09	181	31	Average	VERTICAL
6	5586.00	116.87			106.86	8.75	34.35	33.09	181	31	Peak	VERTICAL
7	5731.00	52.00	54.00	-2.00	42.23	8.47	34.44	33.14	181	31	Average	VERTICAL
8	5743.00	62.90	74.00	-11.10	53.16	8.43	34.45	33.14	181	31	Peak	VERTICAL

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

Note:

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 144

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5724.20	106.46			96.68	8.47	34.44	33.13	215	352	Average	VERTICAL
2	5724.80	117.52			107.74	8.47	34.44	33.13	215	352	Peak	VERTICAL
3	5866.40	62.35	68.20	-5.85	52.37	8.64	34.52	33.18	215	352	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 142

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5711.80	107.92			98.11	8.51	34.43	33.13	183	47	Average	VERTICAL
2	5712.40	118.86			109.05	8.51	34.43	33.13	183	47	Peak	VERTICAL
3	5858.80	62.90	68.20	-5.30	52.91	8.64	34.52	33.17	183	47	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi		

Channel 138

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5693.00	114.88			105.03	8.56	34.42	33.13	174	40	Peak	VERTICAL
2	5697.00	103.12			93.27	8.56	34.42	33.13	174	40	Average	VERTICAL
3	5863.00	62.76	68.20	-5.44	52.78	8.64	34.52	33.18	174	40	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5116.60	60.87	74.00	-13.13	52.20	8.03	33.69	33.05	195	7 Peak	HORIZONTAL
2	5119.60	48.70	54.00	-5.30	40.03	8.03	33.69	33.05	195	7 Average	HORIZONTAL
3	5256.40	119.64			110.52	8.27	33.91	33.06	195	7 Peak	HORIZONTAL
4	5261.80	106.00			96.88	8.27	33.91	33.06	195	7 Average	HORIZONTAL
5	5363.80	61.72	74.00	-12.28	52.51	8.19	34.08	33.06	195	7 Peak	HORIZONTAL
6	5372.20	50.20	54.00	-3.80	40.97	8.18	34.11	33.06	195	7 Average	HORIZONTAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5302.80	109.62			100.46	8.24	33.98	33.06	207	0 Average	HORIZONTAL
2	5303.60	118.66			109.50	8.24	33.98	33.06	207	0 Peak	HORIZONTAL
3	5351.20	62.26	74.00	-11.74	53.06	8.20	34.06	33.06	207	0 Peak	HORIZONTAL
4	5354.40	50.62	54.00	-3.38	41.41	8.19	34.08	33.06	207	0 Average	HORIZONTAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5315.00	120.56			111.38	8.23	34.01	33.06	186	350 Peak	VERTICAL
2	5315.40	108.42			99.24	8.23	34.01	33.06	186	350 Average	VERTICAL
3	5350.60	52.83	54.00	-1.17	43.63	8.20	34.06	33.06	186	350 Average	VERTICAL
4	5351.60	67.37	74.00	-6.63	58.17	8.20	34.06	33.06	186	350 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5456.80	64.48	74.00	-9.52	54.95	8.36	34.23	33.06	192	352 Peak	HORIZONTAL
2	5459.20	51.42	54.00	-2.58	41.89	8.36	34.23	33.06	192	352 Average	HORIZONTAL
3	5468.80	66.62	68.20	-1.58	57.02	8.41	34.25	33.06	192	352 Peak	HORIZONTAL
4	5503.20	110.05			100.30	8.51	34.30	33.06	192	352 Average	HORIZONTAL
5	5503.60	122.49			112.74	8.51	34.30	33.06	192	352 Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5439.60	62.00	74.00	-12.00	52.54	8.32	34.20	33.06	195	351 Peak	HORIZONTAL
2	5439.60	51.29	54.00	-2.71	41.83	8.32	34.20	33.06	195	351 Average	HORIZONTAL
3	5467.00	62.23	68.20	-5.97	52.63	8.41	34.25	33.06	195	351 Peak	HORIZONTAL
4	5577.60	123.47			113.45	8.75	34.35	33.08	195	351 Peak	HORIZONTAL
5	5578.20	111.81			101.80	8.75	34.35	33.09	195	351 Average	HORIZONTAL
6	5728.20	61.67	68.20	-6.53	51.90	8.47	34.44	33.14	195	351 Peak	HORIZONTAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5704.20	105.02			95.17	8.56	34.42	33.13	219	347 Average	VERTICAL
2	5705.00	117.34			107.49	8.56	34.42	33.13	219	347 Peak	VERTICAL
3	5725.00	67.19	68.20	-1.01	57.41	8.47	34.44	33.13	219	347 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5260.80	104.68			95.56	8.27	33.91	33.06	219	346	Average	VERTICAL
2	5281.20	117.32			108.17	8.25	33.96	33.06	219	346	Peak	VERTICAL
3	5356.40	62.63	74.00	-11.37	53.42	8.19	34.08	33.06	219	346	Peak	VERTICAL
4	5357.60	50.12	54.00	-3.88	40.91	8.19	34.08	33.06	219	346	Average	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5300.00	100.33			91.17	8.24	33.98	33.06	205	350	Average	HORIZONTAL
2	5307.60	111.76			102.60	8.24	33.98	33.06	205	350	Peak	HORIZONTAL
3	5350.00	52.14	54.00	-1.86	42.94	8.20	34.06	33.06	205	350	Average	HORIZONTAL
4	5354.00	62.84	74.00	-11.16	53.64	8.20	34.06	33.06	205	350	Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5452.00	52.85	54.00	-1.15	43.32	8.36	34.23	33.06	193	354 Average	HORIZONTAL
2	5460.00	70.53	74.00	-3.47	61.00	8.36	34.23	33.06	193	354 Peak	HORIZONTAL
3	5461.20	67.17	68.20	-1.03	57.64	8.36	34.23	33.06	193	354 Peak	HORIZONTAL
4	5501.20	119.37			109.62	8.51	34.30	33.06	193	354 Peak	HORIZONTAL
5	5520.40	106.25			96.45	8.56	34.31	33.07	193	354 Average	HORIZONTAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5456.40	64.83	74.00	-9.17	55.30	8.36	34.23	33.06	184	357 Peak	HORIZONTAL
2	5459.20	51.29	54.00	-2.71	41.76	8.36	34.23	33.06	184	357 Average	HORIZONTAL
3	5468.80	66.34	68.20	-1.86	56.74	8.41	34.25	33.06	184	357 Peak	HORIZONTAL
4	5544.00	107.29			97.39	8.65	34.33	33.08	184	357 Average	HORIZONTAL
5	5544.80	122.49			112.59	8.65	34.33	33.08	184	357 Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5675.60	106.96			97.07	8.60	34.41	33.12	199	348 Average	HORIZONTAL
2	5679.20	119.03			109.14	8.60	34.41	33.12	199	348 Peak	HORIZONTAL
3	5726.00	67.18	68.20	-1.02	57.40	8.47	34.44	33.13	199	348 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5099.00	48.85	54.00	-5.15	40.26	7.97	33.67	33.05	200	346 Average	HORIZONTAL
2	5136.00	60.16	74.00	-13.84	51.40	8.09	33.72	33.05	200	346 Peak	HORIZONTAL
3	5255.00	97.41			88.29	8.27	33.91	33.06	200	346 Average	HORIZONTAL
4	5266.00	110.21			101.07	8.26	33.94	33.06	200	346 Peak	HORIZONTAL
5	5358.00	65.77	74.00	-8.23	56.56	8.19	34.08	33.06	200	346 Peak	HORIZONTAL
6	5360.00	52.66	54.00	-1.34	43.45	8.19	34.08	33.06	200	346 Average	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5446.00	63.95	74.00	-10.05	54.49	8.32	34.20	33.06	188	357 Peak	HORIZONTAL
2	5452.00	52.38	54.00	-1.62	42.85	8.36	34.23	33.06	188	357 Average	HORIZONTAL
3	5461.00	52.15	54.00	-1.85	42.62	8.36	34.23	33.06	188	357 Average	HORIZONTAL
4	5469.00	69.57	74.00	-4.43	59.97	8.41	34.25	33.06	188	357 Peak	HORIZONTAL
5	5524.00	108.58			98.78	8.56	34.31	33.07	188	357 Peak	HORIZONTAL
6	5526.00	96.08			86.28	8.56	34.31	33.07	188	357 Average	HORIZONTAL
7	5725.00	49.20	54.00	-4.80	39.42	8.47	34.44	33.13	188	357 Average	HORIZONTAL
8	5762.00	61.79	74.00	-12.21	52.08	8.39	34.46	33.14	188	357 Peak	HORIZONTAL

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

Channel 122

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5449.00	63.99	74.00	-10.01	54.46	8.36	34.23	33.06	195	353 Peak	HORIZONTAL
2	5458.00	51.53	54.00	-2.47	42.00	8.36	34.23	33.06	195	353 Average	HORIZONTAL
3	5470.00	64.70	68.20	-3.50	55.10	8.41	34.25	33.06	195	353 Peak	HORIZONTAL
4	5621.00	104.34			94.31	8.76	34.37	33.10	195	353 Average	HORIZONTAL
5	5622.00	116.94			106.91	8.76	34.37	33.10	195	353 Peak	HORIZONTAL
6	5754.00	66.48	68.20	-1.72	56.74	8.43	34.45	33.14	195	353 Peak	HORIZONTAL

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

Note:

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 144

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5715.80	109.83			100.02	8.51	34.43	33.13	193	356	Average	HORIZONTAL
2	5725.40	120.93			111.15	8.47	34.44	33.13	193	356	Peak	HORIZONTAL
3	5864.00	62.29	68.20	-5.91	52.31	8.64	34.52	33.18	193	356	Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi		

Channel 142

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5707.60	113.79			103.98	8.51	34.43	33.13	214	335	Peak	VERTICAL
2	5713.00	102.68			92.87	8.51	34.43	33.13	214	335	Average	VERTICAL
3	5850.00	62.12	68.20	-6.08	52.22	8.56	34.51	33.17	214	335	Peak	VERTICAL

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

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

Channel 138

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5684.00	115.49			105.60	8.60	34.41	33.12	192	356	Peak	HORIZONTAL
2	5684.00	102.32			92.43	8.60	34.41	33.12	192	356	Average	HORIZONTAL
3	5863.00	64.53	68.20	-3.67	54.55	8.64	34.52	33.18	192	356	Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5125.00	46.69	54.00	-7.31	41.85	6.04	33.27	34.47	356	163 Average	HORIZONTAL
2	5145.20	57.98	74.00	-16.02	53.03	6.11	33.31	34.47	356	163 Peak	HORIZONTAL
3	5252.80	119.11			113.77	6.35	33.46	34.47	356	163 Peak	HORIZONTAL
4	5252.80	108.45			103.11	6.35	33.46	34.47	356	163 Average	HORIZONTAL
5	5350.60	47.38	54.00	-6.62	41.68	6.58	33.59	34.47	356	163 Average	HORIZONTAL
6	5351.20	58.95	74.00	-15.05	53.25	6.58	33.59	34.47	356	163 Peak	HORIZONTAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5294.80	119.77			114.25	6.47	33.52	34.47	351	197 Peak	HORIZONTAL
2	5304.40	108.68			103.16	6.47	33.52	34.47	351	197 Average	HORIZONTAL
3	5351.20	48.36	54.00	-5.64	42.66	6.58	33.59	34.47	351	197 Average	HORIZONTAL
4	5352.40	59.74	74.00	-14.26	54.04	6.58	33.59	34.47	351	197 Peak	HORIZONTAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5314.60	109.46			103.87	6.51	33.55	34.47	354	186 Average	HORIZONTAL
2	5316.20	122.72			117.13	6.51	33.55	34.47	354	186 Peak	HORIZONTAL
3	5351.20	62.96	74.00	-11.04	57.26	6.58	33.59	34.47	354	186 Peak	HORIZONTAL
4	5351.20	50.95	54.00	-3.05	45.25	6.58	33.59	34.47	354	186 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5452.40	60.49	74.00	-13.51	54.43	6.79	33.74	34.47	25	131	Peak	VERTICAL
2	5458.80	49.23	54.00	-4.77	43.17	6.79	33.74	34.47	25	131	Average	VERTICAL
3	5470.00	63.24	74.00	-10.76	57.13	6.82	33.76	34.47	25	131	Peak	VERTICAL
4	5470.00	52.00	54.00	-2.00	45.89	6.82	33.76	34.47	25	131	Average	VERTICAL
5	5498.00	107.33			101.14	6.86	33.80	34.47	25	131	Average	VERTICAL
6	5502.80	118.90			112.71	6.86	33.80	34.47	25	131	Peak	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	59.54	74.00	-14.46	53.48	6.79	33.74	34.47	340	176	Peak	HORIZONTAL
2	5460.00	47.55	54.00	-6.45	41.49	6.79	33.74	34.47	340	176	Average	HORIZONTAL
3	5468.80	48.05	54.00	-5.95	41.94	6.82	33.76	34.47	340	176	Average	HORIZONTAL
4	5469.20	59.36	74.00	-14.64	53.25	6.82	33.76	34.47	340	176	Peak	HORIZONTAL
5	5575.20	109.56			103.01	6.98	34.05	34.48	340	176	Average	HORIZONTAL
6	5577.60	121.40			114.85	6.98	34.05	34.48	340	176	Peak	HORIZONTAL
7	5725.00	47.63	54.00	-6.37	41.21	6.43	34.50	34.51	340	176	Average	HORIZONTAL
8	5727.40	60.15	74.00	-13.85	53.74	6.43	34.50	34.52	340	176	Peak	HORIZONTAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5701.40	104.91			98.45	6.57	34.40	34.51	355	187	Average	VERTICAL
2	5703.80	116.68			110.22	6.57	34.40	34.51	355	187	Peak	VERTICAL
3	5725.00	52.93	54.00	-1.07	46.51	6.43	34.50	34.51	355	187	Average	VERTICAL
4	5725.20	65.34	74.00	-8.66	58.92	6.43	34.50	34.51	355	187	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5271.80	106.97			101.57	6.39	33.48	34.47	4	172 Average	VERTICAL
2	5283.80	118.36			112.90	6.43	33.50	34.47	4	172 Peak	VERTICAL
3	5350.40	48.39	54.00	-5.61	42.69	6.58	33.59	34.47	4	172 Average	VERTICAL
4	5362.40	63.42	74.00	-10.58	57.66	6.62	33.61	34.47	4	172 Peak	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5297.60	112.01			106.49	6.47	33.52	34.47	16	168 Peak	VERTICAL
2	5311.60	99.91			94.32	6.51	33.55	34.47	16	168 Average	VERTICAL
3	5350.40	51.66	54.00	-2.34	45.96	6.58	33.59	34.47	16	168 Average	VERTICAL
4	5351.20	63.57	74.00	-10.43	57.87	6.58	33.59	34.47	16	168 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5458.00	61.56	74.00	-12.44	55.50	6.79	33.74	34.47	337	156 Peak	VERTICAL
2	5460.00	48.74	54.00	-5.26	42.68	6.79	33.74	34.47	337	156 Average	VERTICAL
3	5469.60	52.31	54.00	-1.69	46.20	6.82	33.76	34.47	337	156 Average	VERTICAL
4	5470.00	67.74	74.00	-6.26	61.63	6.82	33.76	34.47	337	156 Peak	VERTICAL
5	5505.20	101.85			95.66	6.86	33.80	34.47	337	156 Average	VERTICAL
6	5507.60	114.46			108.27	6.86	33.80	34.47	337	156 Peak	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5455.80	62.31	74.00	-11.69	56.25	6.79	33.74	34.47	336	172 Peak	HORIZONTAL
2	5459.40	48.53	54.00	-5.47	42.47	6.79	33.74	34.47	336	172 Average	HORIZONTAL
3	5469.00	49.86	54.00	-4.14	43.75	6.82	33.76	34.47	336	172 Average	HORIZONTAL
4	5469.40	63.63	74.00	-10.37	57.52	6.82	33.76	34.47	336	172 Peak	HORIZONTAL
5	5557.80	119.74			113.34	6.93	33.95	34.48	336	172 Peak	HORIZONTAL
6	5559.00	107.22			100.82	6.93	33.95	34.48	336	172 Average	HORIZONTAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5667.20	118.69			112.17	6.72	34.30	34.50	345	166 Peak	HORIZONTAL
2	5668.00	107.36			100.84	6.72	34.30	34.50	345	166 Average	HORIZONTAL
3	5726.40	70.72	74.00	-3.28	64.31	6.43	34.50	34.52	345	166 Peak	HORIZONTAL
4	5731.20	50.79	54.00	-3.21	44.38	6.43	34.50	34.52	345	166 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5124.00	59.15	74.00	-14.85	54.31	6.04	33.27	34.47	358	148 Peak	VERTICAL
2	5134.00	46.09	54.00	-7.91	41.20	6.07	33.29	34.47	358	148 Average	VERTICAL
3	5304.00	109.48			103.96	6.47	33.52	34.47	358	148 Peak	VERTICAL
4	5304.00	97.83			92.31	6.47	33.52	34.47	358	148 Average	VERTICAL
5	5350.00	52.57	54.00	-1.43	46.87	6.58	33.59	34.47	358	148 Average	VERTICAL
6	5354.00	65.55	74.00	-8.45	59.85	6.58	33.59	34.47	358	148 Peak	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5458.00	65.49	74.00	-8.51	59.43	6.79	33.74	34.47	344	140 Peak	VERTICAL
2	5460.00	52.25	54.00	-1.75	46.19	6.79	33.74	34.47	344	140 Average	VERTICAL
3	5462.00	52.45	54.00	-1.55	46.39	6.79	33.74	34.47	344	140 Average	VERTICAL
4	5463.00	66.90	74.00	-7.10	60.84	6.79	33.74	34.47	344	140 Peak	VERTICAL
5	5506.00	106.09			99.90	6.86	33.80	34.47	344	140 Peak	VERTICAL
6	5513.00	93.92			87.66	6.88	33.85	34.47	344	140 Average	VERTICAL
7	5725.00	47.22	54.00	-6.78	40.80	6.43	34.50	34.51	344	140 Average	VERTICAL
8	5768.00	60.11	74.00	-13.89	53.75	6.29	34.60	34.53	344	140 Peak	VERTICAL

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

Channel 122

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5446.00	49.82	54.00	-4.18	43.80	6.77	33.72	34.47	13	173 Average	VERTICAL
2	5456.00	64.55	74.00	-9.45	58.49	6.79	33.74	34.47	13	173 Peak	VERTICAL
3	5467.00	67.39	74.00	-6.61	61.28	6.82	33.76	34.47	13	173 Peak	VERTICAL
4	5467.00	52.45	54.00	-1.55	46.34	6.82	33.76	34.47	13	173 Average	VERTICAL
5	5604.00	101.41			94.80	7.00	34.10	34.49	13	173 Average	VERTICAL
6	5605.00	113.49			106.88	7.00	34.10	34.49	13	173 Peak	VERTICAL
7	5728.00	50.10	54.00	-3.90	43.69	6.43	34.50	34.52	13	173 Average	VERTICAL
8	5740.00	62.10	74.00	-11.90	55.71	6.36	34.55	34.52	13	173 Peak	VERTICAL

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

Note:

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 144

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5714.40	119.09			112.65	6.50	34.45	34.51	333	161 Peak	HORIZONTAL
2	5716.00	108.47			102.03	6.50	34.45	34.51	333	161 Average	HORIZONTAL
3	5850.00	48.10	54.00	-5.90	41.40	6.39	34.85	34.54	333	161 Average	HORIZONTAL
4	5861.20	59.28	74.00	-14.72	52.45	6.47	34.90	34.54	333	161 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 142

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5698.80	117.63			111.17	6.57	34.40	34.51	342	165 Peak	HORIZONTAL
2	5704.40	106.12			99.66	6.57	34.40	34.51	342	165 Average	HORIZONTAL
3	5859.60	60.43	74.00	-13.57	53.60	6.47	34.90	34.54	342	165 Peak	HORIZONTAL
4	5865.20	47.74	54.00	-6.26	40.91	6.47	34.90	34.54	342	165 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 24, 2015		
Test Mode	Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi		

Channel 138

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5702.00	102.97			96.51	6.57	34.40	34.51	342	171 Average	HORIZONTAL
2	5704.00	115.38			108.92	6.57	34.40	34.51	342	171 Peak	HORIZONTAL
3	5851.00	49.03	54.00	-4.97	42.33	6.39	34.85	34.54	342	171 Average	HORIZONTAL
4	5868.00	62.66	74.00	-11.34	55.83	6.47	34.90	34.54	342	171 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5113.00	48.88	54.00	-5.12	40.21	8.03	33.69	33.05	234	5 Average	VERTICAL
2	5121.40	61.19	74.00	-12.81	52.52	8.03	33.69	33.05	234	5 Peak	VERTICAL
3	5251.60	112.48			103.36	8.27	33.91	33.06	234	5 Average	VERTICAL
4	5263.00	121.78			112.64	8.26	33.94	33.06	234	5 Peak	VERTICAL
5	5360.80	50.89	54.00	-3.11	41.68	8.19	34.08	33.06	234	5 Average	VERTICAL
6	5378.80	62.90	74.00	-11.10	53.67	8.18	34.11	33.06	234	5 Peak	VERTICAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5296.00	111.06			101.90	8.24	33.98	33.06	250	360 Average	VERTICAL
2	5296.80	121.27			112.11	8.24	33.98	33.06	250	360 Peak	VERTICAL
3	5350.40	51.31	54.00	-2.69	42.11	8.20	34.06	33.06	250	360 Average	VERTICAL
4	5386.40	62.64	74.00	-11.36	53.40	8.17	34.13	33.06	250	360 Peak	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5314.80	108.97			99.79	8.23	34.01	33.06	212	332 Average	VERTICAL
2	5316.20	120.33			111.15	8.23	34.01	33.06	212	332 Peak	VERTICAL
3	5350.80	52.67	54.00	-1.33	43.47	8.20	34.06	33.06	212	332 Average	VERTICAL
4	5351.40	64.70	74.00	-9.30	55.50	8.20	34.06	33.06	212	332 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5458.00	67.43	74.00	-6.57	57.90	8.36	34.23	33.06	152	9 Peak	HORIZONTAL
2	5459.20	52.20	54.00	-1.80	42.67	8.36	34.23	33.06	152	9 Average	HORIZONTAL
3	5467.20	66.44	68.20	-1.76	56.84	8.41	34.25	33.06	152	9 Peak	HORIZONTAL
4	5498.00	122.32			112.57	8.51	34.30	33.06	152	9 Peak	HORIZONTAL
5	5498.40	111.06			101.31	8.51	34.30	33.06	152	9 Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5440.00	62.66	74.00	-11.34	53.20	8.32	34.20	33.06	201	342 Peak	VERTICAL
2	5440.00	51.66	54.00	-2.34	42.20	8.32	34.20	33.06	201	342 Average	VERTICAL
3	5465.20	62.90	68.20	-5.30	53.30	8.41	34.25	33.06	201	342 Peak	VERTICAL
4	5584.00	122.47			112.46	8.75	34.35	33.09	201	342 Peak	VERTICAL
5	5584.00	111.78			101.77	8.75	34.35	33.09	201	342 Average	VERTICAL
6	5715.20	61.47	68.20	-6.73	51.66	8.51	34.43	33.13	201	342 Peak	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5695.20	119.58			109.73	8.56	34.42	33.13	220	360 Peak	VERTICAL
2	5697.00	108.00			98.15	8.56	34.42	33.13	220	360 Average	VERTICAL
3	5725.00	66.95	68.20	-1.25	57.17	8.47	34.44	33.13	220	360 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5258.40	121.30			112.18	8.27	33.91	33.06	267	344	Peak	VERTICAL
2	5264.00	108.62			99.48	8.26	33.94	33.06	267	344	Average	VERTICAL
3	5350.00	50.69	54.00	-3.31	41.49	8.20	34.06	33.06	267	344	Average	VERTICAL
4	5352.40	63.84	74.00	-10.16	54.64	8.20	34.06	33.06	267	344	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5304.80	100.90			91.74	8.24	33.98	33.06	242	357	Average	VERTICAL
2	5305.60	113.37			104.21	8.24	33.98	33.06	242	357	Peak	VERTICAL
3	5350.40	52.52	54.00	-1.48	43.32	8.20	34.06	33.06	242	357	Average	VERTICAL
4	5374.40	71.98	74.00	-2.02	62.75	8.18	34.11	33.06	242	357	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5457.20	62.57	74.00	-11.43	53.04	8.36	34.23	33.06	109	358 Peak	HORIZONTAL
2	5459.60	51.19	54.00	-2.81	41.66	8.36	34.23	33.06	109	358 Average	HORIZONTAL
3	5467.20	67.18	68.20	-1.02	57.58	8.41	34.25	33.06	109	358 Peak	HORIZONTAL
4	5499.20	101.53			91.78	8.51	34.30	33.06	109	358 Average	HORIZONTAL
5	5504.80	112.44			102.69	8.51	34.30	33.06	109	358 Peak	HORIZONTAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5454.80	63.66	74.00	-10.34	54.13	8.36	34.23	33.06	242	355 Peak	VERTICAL
2	5458.80	51.30	54.00	-2.70	41.77	8.36	34.23	33.06	242	355 Average	VERTICAL
3	5468.80	66.50	68.20	-1.70	56.90	8.41	34.25	33.06	242	355 Peak	VERTICAL
4	5535.60	120.15			110.29	8.61	34.32	33.07	242	355 Peak	VERTICAL
5	5544.40	108.18			98.28	8.65	34.33	33.08	242	355 Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5682.80	117.09			107.20	8.60	34.41	33.12	241	356 Peak	VERTICAL
2	5682.80	104.47			94.58	8.60	34.41	33.12	241	356 Average	VERTICAL
3	5726.80	66.79	68.20	-1.41	57.02	8.47	34.44	33.14	241	356 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5042.00	48.46	54.00	-5.54	40.20	7.74	33.57	33.05	200	342 Average	VERTICAL
2	5051.00	61.40	74.00	-12.60	53.14	7.74	33.57	33.05	200	342 Peak	VERTICAL
3	5255.00	111.74			102.62	8.27	33.91	33.06	200	342 Peak	VERTICAL
4	5258.00	100.50			91.38	8.27	33.91	33.06	200	342 Average	VERTICAL
5	5354.00	65.53	74.00	-8.47	56.33	8.20	34.06	33.06	200	342 Peak	VERTICAL
6	5357.00	52.97	54.00	-1.03	43.76	8.19	34.08	33.06	200	342 Average	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5456.00	65.68	74.00	-8.32	56.15	8.36	34.23	33.06	232	349 Peak	VERTICAL
2	5459.00	52.99	54.00	-1.01	43.46	8.36	34.23	33.06	232	349 Average	VERTICAL
3	5461.00	65.58	68.20	-2.62	56.05	8.36	34.23	33.06	232	349 Peak	VERTICAL
4	5506.00	105.72			95.98	8.51	34.30	33.07	232	349 Peak	VERTICAL
5	5517.00	93.49			83.69	8.56	34.31	33.07	232	349 Average	VERTICAL
6	5759.00	62.09	68.20	-6.11	52.38	8.39	34.46	33.14	232	349 Peak	VERTICAL

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

Channel 122

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5457.00	65.45	74.00	-8.55	55.92	8.36	34.23	33.06	251	354 Peak	VERTICAL
2	5457.00	52.43	54.00	-1.57	42.90	8.36	34.23	33.06	251	354 Average	VERTICAL
3	5462.00	65.74	68.20	-2.46	56.21	8.36	34.23	33.06	251	354 Peak	VERTICAL
4	5602.00	114.39			104.33	8.80	34.36	33.10	251	354 Peak	VERTICAL
5	5604.00	100.97			90.91	8.80	34.36	33.10	251	354 Average	VERTICAL
6	5725.00	64.65	68.20	-3.55	54.87	8.47	34.44	33.13	251	354 Peak	VERTICAL

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

Note:

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 144

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5714.00	109.08			99.27	8.51	34.43	33.13	241	358	Average	VERTICAL
2	5714.60	118.95			109.14	8.51	34.43	33.13	241	358	Peak	VERTICAL
3	5857.40	62.80	68.20	-5.40	52.81	8.64	34.52	33.17	241	358	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 142

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5713.00	103.21			93.40	8.51	34.43	33.13	148	357 Average	HORIZONTAL
2	5727.40	115.12			105.35	8.47	34.44	33.14	148	357 Peak	HORIZONTAL
3	5850.00	62.04	68.20	-6.16	52.14	8.56	34.51	33.17	148	357 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 23, 2015		
Test Mode	Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi		

Channel 138

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5671.00	116.12			106.20	8.64	34.40	33.12	247	360	Peak	VERTICAL
2	5673.00	103.73			93.84	8.60	34.41	33.12	247	360	Average	VERTICAL
3	5862.00	64.19	68.20	-4.01	54.21	8.64	34.52	33.18	247	360	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5123.80	59.08	74.00	-14.92	54.24	6.04	33.27	34.47	357	158 Peak	HORIZONTAL
2	5150.00	45.89	54.00	-8.11	40.94	6.11	33.31	34.47	357	158 Average	HORIZONTAL
3	5253.40	106.29			100.95	6.35	33.46	34.47	357	158 Average	HORIZONTAL
4	5254.00	117.81			112.47	6.35	33.46	34.47	357	158 Peak	HORIZONTAL
5	5360.20	47.12	54.00	-6.88	41.36	6.62	33.61	34.47	357	158 Average	HORIZONTAL
6	5377.00	60.30	74.00	-13.70	54.48	6.66	33.63	34.47	357	158 Peak	HORIZONTAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5307.60	117.91			112.39	6.47	33.52	34.47	356	175 Peak	HORIZONTAL
2	5308.00	107.20			101.61	6.51	33.55	34.47	356	175 Average	HORIZONTAL
3	5355.60	47.50	54.00	-6.50	41.74	6.62	33.61	34.47	356	175 Average	HORIZONTAL
4	5356.00	60.78	74.00	-13.22	55.02	6.62	33.61	34.47	356	175 Peak	HORIZONTAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5313.80	118.80			113.21	6.51	33.55	34.47	349	171 Peak	HORIZONTAL
2	5314.00	107.51			101.92	6.51	33.55	34.47	349	171 Average	HORIZONTAL
3	5350.00	62.10	74.00	-11.90	56.40	6.58	33.59	34.47	349	171 Peak	HORIZONTAL
4	5350.00	48.84	54.00	-5.16	43.14	6.58	33.59	34.47	349	171 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5457.20	61.47	74.00	-12.53	55.41	6.79	33.74	34.47	360	141 Peak	HORIZONTAL
2	5459.20	48.80	54.00	-5.20	42.74	6.79	33.74	34.47	360	141 Average	HORIZONTAL
3	5468.20	64.10	74.00	-9.90	57.99	6.82	33.76	34.47	360	141 Peak	HORIZONTAL
4	5469.40	50.64	54.00	-3.36	44.53	6.82	33.76	34.47	360	141 Average	HORIZONTAL
5	5496.00	119.29			113.10	6.86	33.80	34.47	360	141 Peak	HORIZONTAL
6	5497.20	105.99			99.80	6.86	33.80	34.47	360	141 Average	HORIZONTAL

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

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5440.80	47.27	54.00	-6.73	41.25	6.77	33.72	34.47	3	153 Average	HORIZONTAL
2	5448.80	60.24	74.00	-13.76	54.18	6.79	33.74	34.47	3	153 Peak	HORIZONTAL
3	5470.00	59.20	74.00	-14.80	53.09	6.82	33.76	34.47	3	153 Peak	HORIZONTAL
4	5470.00	47.15	54.00	-6.85	41.04	6.82	33.76	34.47	3	153 Average	HORIZONTAL
5	5575.20	116.56			110.01	6.98	34.05	34.48	3	153 Peak	HORIZONTAL
6	5576.80	105.17			98.62	6.98	34.05	34.48	3	153 Average	HORIZONTAL
7	5725.00	47.13	54.00	-6.87	40.71	6.43	34.50	34.51	3	153 Average	HORIZONTAL
8	5743.20	59.67	74.00	-14.33	53.28	6.36	34.55	34.52	3	153 Peak	HORIZONTAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5696.20	105.23			98.77	6.57	34.40	34.51	353	176 Average	VERTICAL
2	5698.80	117.37			110.91	6.57	34.40	34.51	353	176 Peak	VERTICAL
3	5725.00	52.91	54.00	-1.09	46.49	6.43	34.50	34.51	353	176 Average	VERTICAL
4	5725.20	67.33	74.00	-6.67	60.91	6.43	34.50	34.51	353	176 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5262.80	116.17			110.77	6.39	33.48	34.47	356	161	Peak	HORIZONTAL
2	5268.00	103.90			98.50	6.39	33.48	34.47	356	161	Average	HORIZONTAL
3	5350.80	58.63	74.00	-15.37	52.93	6.58	33.59	34.47	356	161	Peak	HORIZONTAL
4	5352.80	46.27	54.00	-7.73	40.57	6.58	33.59	34.47	356	161	Average	HORIZONTAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5297.60	109.47			103.95	6.47	33.52	34.47	350	156	Peak	VERTICAL
2	5301.60	98.32			92.80	6.47	33.52	34.47	350	156	Average	VERTICAL
3	5352.40	63.37	74.00	-10.63	57.67	6.58	33.59	34.47	350	156	Peak	VERTICAL
4	5352.80	52.87	54.00	-1.13	47.17	6.58	33.59	34.47	350	156	Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5459.20	60.15	74.00	-13.85	54.09	6.79	33.74	34.47	359	160 Peak	VERTICAL
2	5460.00	47.94	54.00	-6.06	41.88	6.79	33.74	34.47	359	160 Average	VERTICAL
3	5465.60	50.63	54.00	-3.37	44.52	6.82	33.76	34.47	359	160 Average	VERTICAL
4	5468.00	62.12	74.00	-11.88	56.01	6.82	33.76	34.47	359	160 Peak	VERTICAL
5	5521.60	113.32			107.06	6.88	33.85	34.47	359	160 Peak	VERTICAL
6	5523.60	101.21			94.95	6.88	33.85	34.47	359	160 Average	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5450.40	46.48	54.00	-7.52	40.42	6.79	33.74	34.47	1	131 Average	HORIZONTAL
2	5457.60	61.77	74.00	-12.23	55.71	6.79	33.74	34.47	1	131 Peak	HORIZONTAL
3	5469.40	60.67	74.00	-13.33	54.56	6.82	33.76	34.47	1	131 Peak	HORIZONTAL
4	5469.60	48.44	54.00	-5.56	42.33	6.82	33.76	34.47	1	131 Average	HORIZONTAL
5	5547.00	104.83			98.43	6.93	33.95	34.48	1	131 Average	HORIZONTAL
6	5547.60	116.17			109.77	6.93	33.95	34.48	1	131 Peak	HORIZONTAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5660.00	116.15			109.63	6.72	34.30	34.50	354	181 Peak	VERTICAL
2	5660.80	104.47			97.95	6.72	34.30	34.50	354	181 Average	VERTICAL
3	5725.60	62.85	74.00	-11.15	56.43	6.43	34.50	34.51	354	181 Peak	VERTICAL
4	5726.00	49.85	54.00	-4.15	43.43	6.43	34.50	34.51	354	181 Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi		

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	5139.00	56.33	74.00	-17.67	51.44	6.07	33.29	34.47	355	171	Peak	HORIZONTAL
2	5150.00	46.03	54.00	-7.97	41.08	6.11	33.31	34.47	355	171	Average	HORIZONTAL
3	5273.00	108.91			103.51	6.39	33.48	34.47	355	171	Peak	HORIZONTAL
4	5275.00	96.14			90.74	6.39	33.48	34.47	355	171	Average	HORIZONTAL
5	5372.00	52.93	54.00	-1.07	47.11	6.66	33.63	34.47	355	171	Average	HORIZONTAL
6	5384.00	65.46	74.00	-8.54	59.64	6.66	33.63	34.47	355	171	Peak	HORIZONTAL

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	5438.00	66.43	74.00	-7.57	60.41	6.77	33.72	34.47	359	167	Peak	HORIZONTAL
2	5457.00	52.67	54.00	-1.33	46.61	6.79	33.74	34.47	359	167	Average	HORIZONTAL
3	5470.00	64.71	74.00	-9.29	58.60	6.82	33.76	34.47	359	167	Peak	HORIZONTAL
4	5470.00	52.97	54.00	-1.03	46.86	6.82	33.76	34.47	359	167	Average	HORIZONTAL
5	5504.00	105.67			99.48	6.86	33.80	34.47	359	167	Peak	HORIZONTAL
6	5547.00	90.61			84.21	6.93	33.95	34.48	359	167	Average	HORIZONTAL
7	5725.00	58.42	74.00	-15.58	52.00	6.43	34.50	34.51	359	167	Peak	HORIZONTAL
8	5725.00	46.07	54.00	-7.93	39.65	6.43	34.50	34.51	359	167	Average	HORIZONTAL

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

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	5448.00	48.54	54.00	-5.46	42.48	6.79	33.74	34.47	355	172	Average	HORIZONTAL
2	5457.00	63.33	74.00	-10.67	57.27	6.79	33.74	34.47	355	172	Peak	HORIZONTAL
3	5470.00	62.17	74.00	-11.83	56.06	6.82	33.76	34.47	355	172	Peak	HORIZONTAL
4	5470.00	50.88	54.00	-3.12	44.77	6.82	33.76	34.47	355	172	Average	HORIZONTAL
5	5627.00	108.83			102.27	6.86	34.20	34.50	355	172	Peak	HORIZONTAL
6	5633.00	97.28			90.72	6.86	34.20	34.50	355	172	Average	HORIZONTAL
7	5726.00	63.04	74.00	-10.96	56.62	6.43	34.50	34.51	355	172	Peak	HORIZONTAL
8	5730.00	51.06	54.00	-2.94	44.65	6.43	34.50	34.52	355	172	Average	HORIZONTAL

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

Note:

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

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

Straddle Channel

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

Channel 144

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5714.40	106.86			100.42	6.50	34.45	34.51	354	149 Average	HORIZONTAL
2	5717.60	117.93			111.49	6.50	34.45	34.51	354	149 Peak	HORIZONTAL
3	5896.00	62.66	74.00	-11.34	55.58	6.63	35.00	34.55	354	149 Peak	HORIZONTAL
4	5896.80	48.54	54.00	-5.46	41.46	6.63	35.00	34.55	354	149 Average	HORIZONTAL

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

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

Channel 142

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5706.80	102.81			96.37	6.50	34.45	34.51	350	181 Average	HORIZONTAL
2	5711.60	114.12			107.68	6.50	34.45	34.51	350	181 Peak	HORIZONTAL
3	5850.00	46.48	54.00	-7.52	39.78	6.39	34.85	34.54	350	181 Average	HORIZONTAL
4	5854.00	57.65	74.00	-16.35	50.95	6.39	34.85	34.54	350	181 Peak	HORIZONTAL

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

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

Channel 138

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5713.00	110.42			103.98	6.50	34.45	34.51	352	183 Peak	HORIZONTAL
2	5714.00	99.88			93.44	6.50	34.45	34.51	352	183 Average	HORIZONTAL
3	5859.00	47.27	54.00	-6.73	40.44	6.47	34.90	34.54	352	183 Average	HORIZONTAL
4	5875.00	59.11	74.00	-14.89	52.15	6.55	34.95	34.54	352	183 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5143.60	57.42	74.00	-16.58	52.47	6.11	33.31	34.47	2	187 Peak	HORIZONTAL
2	5150.00	45.54	54.00	-8.46	40.59	6.11	33.31	34.47	2	187 Average	HORIZONTAL
3	5255.20	121.08			115.74	6.35	33.46	34.47	2	187 Peak	HORIZONTAL
4	5255.20	109.91			104.57	6.35	33.46	34.47	2	187 Average	HORIZONTAL
5	5354.20	46.90	54.00	-7.10	41.14	6.62	33.61	34.47	2	187 Average	HORIZONTAL
6	5356.00	59.43	74.00	-14.57	53.67	6.62	33.61	34.47	2	187 Peak	HORIZONTAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5292.00	110.59			105.13	6.43	33.50	34.47	356	176 Average	VERTICAL
2	5295.20	121.71			116.19	6.47	33.52	34.47	356	176 Peak	VERTICAL
3	5352.00	47.78	54.00	-6.22	42.08	6.58	33.59	34.47	356	176 Average	VERTICAL
4	5392.40	59.00	74.00	-15.00	53.12	6.70	33.65	34.47	356	176 Peak	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5324.20	109.43			103.78	6.55	33.57	34.47	350	188 Average	VERTICAL
2	5325.00	121.29			115.64	6.55	33.57	34.47	350	188 Peak	VERTICAL
3	5350.40	64.80	74.00	-9.20	59.10	6.58	33.59	34.47	350	188 Peak	VERTICAL
4	5352.00	50.63	54.00	-3.37	44.93	6.58	33.59	34.47	350	188 Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5458.40	48.38	54.00	-5.62	42.32	6.79	33.74	34.47	2	177 Average	HORIZONTAL
2	5460.00	59.95	74.00	-14.05	53.89	6.79	33.74	34.47	2	177 Peak	HORIZONTAL
3	5468.80	64.08	74.00	-9.92	57.97	6.82	33.76	34.47	2	177 Peak	HORIZONTAL
4	5470.00	52.96	54.00	-1.04	46.85	6.82	33.76	34.47	2	177 Average	HORIZONTAL
5	5494.40	107.63			101.48	6.84	33.78	34.47	2	177 Average	HORIZONTAL
6	5497.40	120.07			113.88	6.86	33.80	34.47	2	177 Peak	HORIZONTAL

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

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5436.00	46.78	54.00	-7.22	40.76	6.77	33.72	34.47	359	162 Average	HORIZONTAL
2	5452.20	58.10	74.00	-15.90	52.04	6.79	33.74	34.47	359	162 Peak	HORIZONTAL
3	5466.60	46.96	54.00	-7.04	40.85	6.82	33.76	34.47	359	162 Average	HORIZONTAL
4	5467.00	59.07	74.00	-14.93	52.96	6.82	33.76	34.47	359	162 Peak	HORIZONTAL
5	5577.60	120.28			113.73	6.98	34.05	34.48	359	162 Peak	HORIZONTAL
6	5581.80	108.82			102.28	6.98	34.05	34.49	359	162 Average	HORIZONTAL
7	5725.00	58.63	74.00	-15.37	52.21	6.43	34.50	34.51	359	162 Peak	HORIZONTAL
8	5725.00	46.86	54.00	-7.14	40.44	6.43	34.50	34.51	359	162 Average	HORIZONTAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5704.00	103.83			97.37	6.57	34.40	34.51	4	160 Average	HORIZONTAL
2	5704.80	115.66			109.20	6.57	34.40	34.51	4	160 Peak	HORIZONTAL
3	5725.00	66.28	74.00	-7.72	59.86	6.43	34.50	34.51	4	160 Peak	HORIZONTAL
4	5725.00	52.55	54.00	-1.45	46.13	6.43	34.50	34.51	4	160 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5255.60	107.35			102.01	6.35	33.46	34.47	3	166 Average	HORIZONTAL
2	5262.80	119.44			114.04	6.39	33.48	34.47	3	166 Peak	HORIZONTAL
3	5351.00	47.17	54.00	-6.83	41.47	6.58	33.59	34.47	3	166 Average	HORIZONTAL
4	5363.60	61.16	74.00	-12.84	55.40	6.62	33.61	34.47	3	166 Peak	HORIZONTAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5305.20	113.55			108.03	6.47	33.52	34.47	357	196 Peak	VERTICAL
2	5313.20	101.40			95.81	6.51	33.55	34.47	357	196 Average	VERTICAL
3	5350.00	52.94	54.00	-1.06	47.24	6.58	33.59	34.47	357	196 Average	VERTICAL
4	5352.80	67.97	74.00	-6.03	62.27	6.58	33.59	34.47	357	196 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5460.00	59.39	74.00	-14.61	53.33	6.79	33.74	34.47	353	161 Peak	HORIZONTAL
2	5460.00	47.73	54.00	-6.27	41.67	6.79	33.74	34.47	353	161 Average	HORIZONTAL
3	5469.60	67.28	74.00	-6.72	61.17	6.82	33.76	34.47	353	161 Peak	HORIZONTAL
4	5470.00	52.87	54.00	-1.13	46.76	6.82	33.76	34.47	353	161 Average	HORIZONTAL
5	5514.00	110.51			104.25	6.88	33.85	34.47	353	161 Peak	HORIZONTAL
6	5516.80	98.98			92.72	6.88	33.85	34.47	353	161 Average	HORIZONTAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5456.40	62.61	74.00	-11.39	56.55	6.79	33.74	34.47	356	148 Peak	VERTICAL
2	5459.40	48.48	54.00	-5.52	42.42	6.79	33.74	34.47	356	148 Average	VERTICAL
3	5470.00	64.81	74.00	-9.19	58.70	6.82	33.76	34.47	356	148 Peak	VERTICAL
4	5470.00	50.45	54.00	-3.55	44.34	6.82	33.76	34.47	356	148 Average	VERTICAL
5	5553.60	117.70			111.30	6.93	33.95	34.48	356	148 Peak	VERTICAL
6	5554.20	105.64			99.24	6.93	33.95	34.48	356	148 Average	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5662.00	105.27			98.75	6.72	34.30	34.50	359	200 Average	VERTICAL
2	5662.40	117.85			111.33	6.72	34.30	34.50	359	200 Peak	VERTICAL
3	5725.00	49.31	54.00	-4.69	42.89	6.43	34.50	34.51	359	200 Average	VERTICAL
4	5726.00	70.45	74.00	-3.55	64.03	6.43	34.50	34.51	359	200 Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi		

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5109.00	44.79	54.00	-9.21	40.00	6.01	33.25	34.47	6	207	Average	VERTICAL
2	5138.00	58.03	74.00	-15.97	53.14	6.07	33.29	34.47	6	207	Peak	VERTICAL
3	5303.00	92.92			87.40	6.47	33.52	34.47	6	207	Average	VERTICAL
4	5311.00	104.36			98.77	6.51	33.55	34.47	6	207	Peak	VERTICAL
5	5350.00	51.17	54.00	-2.83	45.47	6.58	33.59	34.47	6	207	Average	VERTICAL
6	5357.00	62.85	74.00	-11.15	57.09	6.62	33.61	34.47	6	207	Peak	VERTICAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	64.08	74.00	-9.92	58.02	6.79	33.74	34.47	5	198	Peak	VERTICAL
2	5458.00	50.84	54.00	-3.16	44.78	6.79	33.74	34.47	5	198	Average	VERTICAL
3	5469.00	66.68	74.00	-7.32	60.57	6.82	33.76	34.47	5	198	Peak	VERTICAL
4	5470.00	52.33	54.00	-1.67	46.22	6.82	33.76	34.47	5	198	Average	VERTICAL
5	5539.00	106.65			100.32	6.91	33.90	34.48	5	198	Peak	VERTICAL
6	5542.00	94.14			87.81	6.91	33.90	34.48	5	198	Average	VERTICAL
7	5725.00	46.14	54.00	-7.86	39.72	6.43	34.50	34.51	5	198	Average	VERTICAL
8	5734.00	59.07	74.00	-14.93	52.66	6.43	34.50	34.52	5	198	Peak	VERTICAL

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

Channel 122

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5450.00	64.18	74.00	-9.82	58.12	6.79	33.74	34.47	356	176	Peak	HORIZONTAL
2	5458.00	50.93	54.00	-3.07	44.87	6.79	33.74	34.47	356	176	Average	HORIZONTAL
3	5470.00	67.19	74.00	-6.81	61.08	6.82	33.76	34.47	356	176	Peak	HORIZONTAL
4	5470.00	52.88	54.00	-1.12	46.77	6.82	33.76	34.47	356	176	Average	HORIZONTAL
5	5599.00	104.28			97.67	7.00	34.10	34.49	356	176	Average	HORIZONTAL
6	5600.00	116.08			109.47	7.00	34.10	34.49	356	176	Peak	HORIZONTAL
7	5725.00	51.02	54.00	-2.98	44.60	6.43	34.50	34.51	356	176	Average	HORIZONTAL
8	5735.00	63.09	74.00	-10.91	56.68	6.43	34.50	34.52	356	176	Peak	HORIZONTAL

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

Note:

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

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

Straddle Channel

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

Channel 144

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5715.20	119.28			112.84	6.50	34.45	34.51	359	199 Peak	HORIZONTAL
2	5718.20	107.56			101.12	6.50	34.45	34.51	359	199 Average	HORIZONTAL
3	5850.00	46.61	54.00	-7.39	39.91	6.39	34.85	34.54	359	199 Average	HORIZONTAL
4	5852.00	58.23	74.00	-15.77	51.53	6.39	34.85	34.54	359	199 Peak	HORIZONTAL

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

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

Channel 142

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5702.80	116.44			109.98	6.57	34.40	34.51	1	160 Peak	HORIZONTAL
2	5718.00	105.47			99.03	6.50	34.45	34.51	1	160 Average	HORIZONTAL
3	5854.00	59.47	74.00	-14.53	52.77	6.39	34.85	34.54	1	160 Peak	HORIZONTAL
4	5881.20	46.71	54.00	-7.29	39.76	6.55	34.95	34.55	1	160 Average	HORIZONTAL

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

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

Channel 138

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5668.00	102.66			96.14	6.72	34.30	34.50	354	167 Average	HORIZONTAL
2	5669.00	113.15			106.63	6.72	34.30	34.50	354	167 Peak	HORIZONTAL
3	5853.00	47.95	54.00	-6.05	41.25	6.39	34.85	34.54	354	167 Average	HORIZONTAL
4	5864.00	59.84	74.00	-14.16	53.01	6.47	34.90	34.54	354	167 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5134.00	60.43	74.00	-13.57	51.67	8.09	33.72	33.05	201	210	Peak	VERTICAL
2	5150.00	47.77	54.00	-6.23	38.93	8.15	33.74	33.05	201	210	Average	VERTICAL
3	5265.40	118.78			109.64	8.26	33.94	33.06	201	210	Peak	VERTICAL
4	5266.00	106.65			97.51	8.26	33.94	33.06	201	210	Average	VERTICAL
5	5365.00	62.15	74.00	-11.85	52.94	8.19	34.08	33.06	201	210	Peak	VERTICAL
6	5393.80	49.99	54.00	-4.01	40.75	8.17	34.13	33.06	201	210	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5294.80	118.56			109.40	8.24	33.98	33.06	214	214	Peak	VERTICAL
2	5296.80	107.10			97.94	8.24	33.98	33.06	214	214	Average	VERTICAL
3	5354.00	62.24	74.00	-11.76	53.04	8.20	34.06	33.06	214	214	Peak	VERTICAL
4	5356.40	49.82	54.00	-4.18	40.61	8.19	34.08	33.06	214	214	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5314.20	107.94			98.76	8.23	34.01	33.06	203	211	Average	VERTICAL
2	5315.00	120.40			111.22	8.23	34.01	33.06	203	211	Peak	VERTICAL
3	5350.00	66.61	74.00	-7.39	57.41	8.20	34.06	33.06	203	211	Peak	VERTICAL
4	5350.00	52.24	54.00	-1.76	43.04	8.20	34.06	33.06	203	211	Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5455.60	50.73	54.00	-3.27	41.20	8.36	34.23	33.06	206	292	Average	VERTICAL
2	5458.00	63.96	74.00	-10.04	54.43	8.36	34.23	33.06	206	292	Peak	VERTICAL
3	5469.80	66.69	68.20	-1.51	57.09	8.41	34.25	33.06	206	292	Peak	VERTICAL
4	5496.20	107.61			97.86	8.51	34.30	33.06	206	292	Average	VERTICAL
5	5496.40	120.42			110.67	8.51	34.30	33.06	206	292	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5455.80	62.09	74.00	-11.91	52.56	8.36	34.23	33.06	207	282	Peak	VERTICAL
2	5460.00	49.89	54.00	-4.11	40.36	8.36	34.23	33.06	207	282	Average	VERTICAL
3	5469.40	61.75	68.20	-6.45	52.15	8.41	34.25	33.06	207	282	Peak	VERTICAL
4	5582.40	122.98			112.97	8.75	34.35	33.09	207	282	Peak	VERTICAL
5	5586.00	110.59			100.58	8.75	34.35	33.09	207	282	Average	VERTICAL
6	5725.00	60.55	68.20	-7.65	50.77	8.47	34.44	33.13	207	282	Peak	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5697.60	117.91			108.06	8.56	34.42	33.13	197	298	Peak	VERTICAL
2	5701.80	105.70			95.85	8.56	34.42	33.13	197	298	Average	VERTICAL
3	5725.20	67.02	68.20	-1.18	57.24	8.47	34.44	33.13	197	298	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5257.60	118.46			109.34	8.27	33.91	33.06	198	288 Peak	VERTICAL
2	5263.20	107.56			98.42	8.26	33.94	33.06	198	288 Average	VERTICAL
3	5352.00	51.13	54.00	-2.87	41.93	8.20	34.06	33.06	198	288 Average	VERTICAL
4	5356.80	62.37	74.00	-11.63	53.16	8.19	34.08	33.06	198	288 Peak	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5299.60	101.07			91.91	8.24	33.98	33.06	198	334 Average	VERTICAL
2	5306.40	112.84			103.68	8.24	33.98	33.06	198	334 Peak	VERTICAL
3	5350.00	65.83	74.00	-8.17	56.63	8.20	34.06	33.06	198	334 Peak	VERTICAL
4	5350.00	52.50	54.00	-1.50	43.30	8.20	34.06	33.06	198	334 Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5460.00	65.16	74.00	-8.84	55.63	8.36	34.23	33.06	228	278 Peak	VERTICAL
2	5460.00	51.68	54.00	-2.32	42.15	8.36	34.23	33.06	228	278 Average	VERTICAL
3	5470.00	67.01	68.20	-1.19	57.41	8.41	34.25	33.06	228	278 Peak	VERTICAL
4	5518.40	115.19			105.39	8.56	34.31	33.07	228	278 Peak	VERTICAL
5	5522.40	103.87			94.07	8.56	34.31	33.07	228	278 Average	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5459.20	67.87	74.00	-6.13	58.34	8.36	34.23	33.06	225	195 Peak	VERTICAL
2	5459.60	52.46	54.00	-1.54	42.93	8.36	34.23	33.06	225	195 Average	VERTICAL
3	5470.00	66.73	68.20	-1.47	57.13	8.41	34.25	33.06	225	195 Peak	VERTICAL
4	5541.20	120.92			111.06	8.61	34.32	33.07	225	195 Peak	VERTICAL
5	5552.00	109.99			100.09	8.65	34.33	33.08	225	195 Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5673.60	105.08			95.19	8.60	34.41	33.12	214	0 Average	VERTICAL
2	5682.40	115.19			105.30	8.60	34.41	33.12	214	0 Peak	VERTICAL
3	5725.00	66.78	68.20	-1.42	57.00	8.47	34.44	33.13	214	0 Peak	VERTICAL
4	5725.00	52.10	68.20	-16.10	42.32	8.47	34.44	33.13	214	0 Average	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 25, 2015		
Test Mode	Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi		

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5047.00	48.50	54.00	-5.50	40.24	7.74	33.57	33.05	187	325	Average	VERTICAL
2	5078.00	61.67	74.00	-12.33	53.24	7.86	33.62	33.05	187	325	Peak	VERTICAL
3	5253.00	94.90			85.78	8.27	33.91	33.06	187	325	Average	VERTICAL
4	5259.00	106.92			97.80	8.27	33.91	33.06	187	325	Peak	VERTICAL
5	5351.00	64.23	74.00	-9.77	55.03	8.20	34.06	33.06	187	325	Peak	VERTICAL
6	5351.00	52.26	54.00	-1.74	43.06	8.20	34.06	33.06	187	325	Average	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5445.00	52.85	54.00	-1.15	43.39	8.32	34.20	33.06	200	283	Average	VERTICAL
2	5451.00	65.80	74.00	-8.20	56.27	8.36	34.23	33.06	200	283	Peak	VERTICAL
3	5469.00	67.09	68.20	-1.11	57.49	8.41	34.25	33.06	200	283	Peak	VERTICAL
4	5552.00	98.52			88.62	8.65	34.33	33.08	200	283	Average	VERTICAL
5	5556.00	109.86			99.96	8.65	34.33	33.08	200	283	Peak	VERTICAL
6	5775.00	61.55	68.20	-6.65	51.88	8.35	34.47	33.15	200	283	Peak	VERTICAL

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

Channel 122

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5459.00	66.74	74.00	-7.26	57.21	8.36	34.23	33.06	196	99	Peak	VERTICAL
2	5460.00	52.65	54.00	-1.35	43.12	8.36	34.23	33.06	196	99	Average	VERTICAL
3	5470.00	67.00	68.20	-1.20	57.40	8.41	34.25	33.06	196	99	Peak	VERTICAL
4	5620.00	117.16			107.13	8.76	34.37	33.10	196	99	Peak	VERTICAL
5	5622.00	102.17			92.14	8.76	34.37	33.10	196	99	Average	VERTICAL
6	5727.00	67.10	68.20	-1.10	57.33	8.47	34.44	33.14	196	99	Peak	VERTICAL

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

Note:

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

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

Straddle Channel

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

Channel 144

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5722.40	109.17			99.39	8.47	34.44	33.13	203	279	Average	VERTICAL
2	5723.00	121.39			111.61	8.47	34.44	33.13	203	279	Peak	VERTICAL
3	5854.40	62.73	68.20	-5.47	52.83	8.56	34.51	33.17	203	279	Peak	VERTICAL

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

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

Channel 142

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5714.00	108.10			98.29	8.51	34.43	33.13	220	285	Average	VERTICAL
2	5723.00	117.70			107.92	8.47	34.44	33.13	220	285	Peak	VERTICAL
3	5851.40	62.58	68.20	-5.62	52.68	8.56	34.51	33.17	220	285	Peak	VERTICAL

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

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

Channel 138

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5685.00	115.12			105.23	8.60	34.41	33.12	196	310	Peak	VERTICAL
2	5686.00	103.40			93.51	8.60	34.41	33.12	196	310	Average	VERTICAL
3	5925.00	64.14	68.20	-4.06	53.82	8.96	34.56	33.20	196	310	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5125.00	59.82	74.00	-14.18	51.15	8.03	33.69	33.05	205	62 Peak	HORIZONTAL
2	5150.00	47.73	54.00	-6.27	38.89	8.15	33.74	33.05	205	62 Average	HORIZONTAL
3	5253.40	121.36			112.24	8.27	33.91	33.06	205	62 Peak	HORIZONTAL
4	5257.60	110.62			101.50	8.27	33.91	33.06	205	62 Average	HORIZONTAL
5	5354.20	61.46	74.00	-12.54	52.25	8.19	34.08	33.06	205	62 Peak	HORIZONTAL
6	5357.80	49.12	54.00	-4.88	39.91	8.19	34.08	33.06	205	62 Average	HORIZONTAL

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

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5303.60	115.80			106.64	8.24	33.98	33.06	189	36 Peak	VERTICAL
2	5306.80	104.92			95.76	8.24	33.98	33.06	189	36 Average	VERTICAL
3	5350.80	48.85	54.00	-5.15	39.65	8.20	34.06	33.06	189	36 Average	VERTICAL
4	5369.60	60.98	74.00	-13.02	51.75	8.18	34.11	33.06	189	36 Peak	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	cm	deg	
1	5323.80	121.54			112.35	8.22	34.03	33.06	224	56 Peak	HORIZONTAL
2	5328.00	108.19			99.00	8.22	34.03	33.06	224	56 Average	HORIZONTAL
3	5350.20	52.77	54.00	-1.23	43.57	8.20	34.06	33.06	224	56 Average	HORIZONTAL
4	5350.40	66.14	74.00	-7.86	56.94	8.20	34.06	33.06	224	56 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5454.80	50.87	54.00	-3.13	41.34	8.36	34.23	33.06	208	53 Average	HORIZONTAL
2	5458.00	63.44	74.00	-10.56	53.91	8.36	34.23	33.06	208	53 Peak	HORIZONTAL
3	5469.20	66.63	68.20	-1.57	57.03	8.41	34.25	33.06	208	53 Peak	HORIZONTAL
4	5498.80	120.39			110.64	8.51	34.30	33.06	208	53 Peak	HORIZONTAL
5	5499.20	108.25			98.50	8.51	34.30	33.06	208	53 Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Channel 116

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5452.20	49.22	54.00	-4.78	39.69	8.36	34.23	33.06	201	319 Average	HORIZONTAL
2	5454.60	61.08	74.00	-12.92	51.55	8.36	34.23	33.06	201	319 Peak	HORIZONTAL
3	5469.40	60.73	68.20	-7.47	51.13	8.41	34.25	33.06	201	319 Peak	HORIZONTAL
4	5575.20	107.76			97.74	8.75	34.35	33.08	201	319 Average	HORIZONTAL
5	5581.20	119.37			109.36	8.75	34.35	33.09	201	319 Peak	HORIZONTAL
6	5725.00	60.34	68.20	-7.86	50.56	8.47	34.44	33.13	201	319 Peak	HORIZONTAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5701.40	118.27			108.42	8.56	34.42	33.13	192	73 Peak	HORIZONTAL
2	5701.60	105.19			95.34	8.56	34.42	33.13	192	73 Average	HORIZONTAL
3	5725.00	66.85	68.20	-1.35	57.07	8.47	34.44	33.13	192	73 Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5267.00	107.59			98.45	8.26	33.94	33.06	197	59 Average	HORIZONTAL
2	5268.00	118.87			109.73	8.26	33.94	33.06	197	59 Peak	HORIZONTAL
3	5354.00	62.57	74.00	-11.43	53.37	8.20	34.06	33.06	197	59 Peak	HORIZONTAL
4	5355.00	49.92	54.00	-4.08	40.71	8.19	34.08	33.06	197	59 Average	HORIZONTAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5298.00	104.32			95.16	8.24	33.98	33.06	198	298 Average	HORIZONTAL
2	5302.40	115.07			105.91	8.24	33.98	33.06	198	298 Peak	HORIZONTAL
3	5352.00	65.45	74.00	-8.55	56.25	8.20	34.06	33.06	198	298 Peak	HORIZONTAL
4	5353.20	52.70	54.00	-1.30	43.50	8.20	34.06	33.06	198	298 Average	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5453.20	52.35	54.00	-1.65	42.82	8.36	34.23	33.06	247	294	Average	HORIZONTAL
2	5460.00	72.65	74.00	-1.35	63.12	8.36	34.23	33.06	247	294	Peak	HORIZONTAL
3	5468.80	67.05	68.20	-1.15	57.45	8.41	34.25	33.06	247	294	Peak	HORIZONTAL
4	5500.00	113.28			103.53	8.51	34.30	33.06	247	294	Peak	HORIZONTAL
5	5502.00	101.69			91.94	8.51	34.30	33.06	247	294	Average	HORIZONTAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5458.80	64.67	74.00	-9.33	55.14	8.36	34.23	33.06	203	321	Peak	HORIZONTAL
2	5460.00	52.32	54.00	-1.68	42.79	8.36	34.23	33.06	203	321	Average	HORIZONTAL
3	5470.00	65.76	68.20	-2.44	56.16	8.41	34.25	33.06	203	321	Peak	HORIZONTAL
4	5542.80	117.22			107.37	8.61	34.32	33.08	203	321	Peak	HORIZONTAL
5	5542.80	106.09			96.24	8.61	34.32	33.08	203	321	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5682.40	111.29			101.40	8.60	34.41	33.12	203	301	Peak	VERTICAL
2	5682.80	98.82			88.93	8.60	34.41	33.12	203	301	Average	VERTICAL
3	5751.60	66.94	68.20	-1.26	57.20	8.43	34.45	33.14	203	301	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58, 106, 122 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5147.11	61.03	74.00	-12.97	52.19	8.15	33.74	33.05	228	52	Peak	HORIZONTAL
2	5150.00	49.02	54.00	-4.98	40.18	8.15	33.74	33.05	228	52	Average	HORIZONTAL
3	5255.99	98.71			89.59	8.27	33.91	33.06	228	52	Average	HORIZONTAL
4	5274.80	108.97			99.83	8.26	33.94	33.06	228	52	Peak	HORIZONTAL
5	5354.34	65.81	74.00	-8.19	56.60	8.19	34.08	33.06	228	52	Peak	HORIZONTAL
6	5361.58	52.43	54.00	-1.57	43.22	8.19	34.08	33.06	228	52	Average	HORIZONTAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5436.85	66.34	74.00	-7.66	56.88	8.32	34.20	33.06	272	0	Peak	VERTICAL
2	5457.50	52.79	54.00	-1.21	43.26	8.36	34.23	33.06	272	0	Average	VERTICAL
3	5466.51	67.14	68.20	-1.06	57.54	8.41	34.25	33.06	272	0	Peak	VERTICAL
4	5497.44	91.77			82.02	8.51	34.30	33.06	272	0	Average	VERTICAL
5	5499.61	102.67			92.92	8.51	34.30	33.06	272	0	Peak	VERTICAL
6	5743.09	62.50	68.20	-5.70	52.76	8.43	34.45	33.14	272	0	Peak	VERTICAL

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

Channel 122

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5458.42	66.45	74.00	-7.55	56.92	8.36	34.23	33.06	200	68	Peak	HORIZONTAL
2	5460.00	52.85	54.00	-1.15	43.32	8.36	34.23	33.06	200	68	Average	HORIZONTAL
3	5464.93	67.05	68.20	-1.15	57.45	8.41	34.25	33.06	200	68	Peak	HORIZONTAL
4	5607.11	113.80			103.74	8.80	34.36	33.10	200	68	Peak	HORIZONTAL
5	5616.51	102.54			92.51	8.76	34.37	33.10	200	68	Average	HORIZONTAL
6	5741.64	67.12	68.20	-1.08	57.38	8.43	34.45	33.14	200	68	Peak	HORIZONTAL

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

Note:

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

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

Straddle Channel

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 144

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5719.40	103.64			93.83	8.51	34.43	33.13	197	302	Average	VERTICAL
2	5726.00	114.62			104.84	8.47	34.44	33.13	197	302	Peak	VERTICAL
3	5860.40	61.24	68.20	-6.96	51.26	8.64	34.52	33.18	197	302	Peak	VERTICAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 142

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5718.68	106.35			96.54	8.51	34.43	33.13	298	293	Average	HORIZONTAL
2	5719.41	118.98			109.17	8.51	34.43	33.13	298	293	Peak	HORIZONTAL
3	5855.79	62.91	68.20	-5.29	53.01	8.56	34.51	33.17	298	293	Peak	HORIZONTAL

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

Temperature	25°C	Humidity	55%
Test Engineer	Stim Sung	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3+ Chain 4
Test Date	Nov. 20, 2015		
Test Mode	Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi		

Channel 138

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5686.38	113.85			103.96	8.60	34.41	33.12	298	283	Peak	HORIZONTAL
2	5687.83	103.02			93.13	8.60	34.41	33.12	298	283	Average	HORIZONTAL
3	5858.68	66.91	68.20	-1.29	56.92	8.64	34.52	33.17	298	283	Peak	HORIZONTAL

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