Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15713.09	59.85	74.00	-14.15	43.87	12.57	38.21	34.80	300	100	Peak	HORIZONTAL
2	15713.15	46.33	54.00	-7.67	30.35	12.57	38.21	34.80	300	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15714.00	46.37	54.00	-7.63	30.41	12.57	38.19	34.80	230	100	Average	VERTICAL
2	15718.28	60.79	74.00	-13.21	44.83	12.57	38.19	34.80	230	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.88	55.24	74.00	-18.76	40.17	10.71	39.39	35.03	280	100	Peak	HORIZONTAL
2	11498.00	41.92	54.00	-12.08	26.83	10.72	39.40	35.03	280	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.60	41.80	54.00	-12.20	26.73	10.71	39.39	35.03	120	100	Average	VERTICAL
2	11494.64	55.41	74.00	-18.59	40.33	10.72	39.39	35.03	120	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11561.08	56.73	74.00	-17.27	41.58	10.75	39.43	35.03	220	100	Peak	HORIZONTAL
2	11577.28	42.45	54.00	-11.55	27.28	10.76	39.44	35.03	220	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11574.60	42.33	54.00	-11.67	27.16	10.76	39.44	35.03	150	100	Average	VERTICAL
2	11577.40	56.42	74.00	-17.58	41.25	10.76	39.44	35.03	150	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11640.24	56.75	74.00	-17.25	41.52	10.79	39.48	35.04	294	100	Peak	HORIZONTAL
2	11657.68	43.45	54.00	-10.55	28.19	10.81	39.49	35.04	294	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11651.40	57.09	74.00	-16.91	41.83	10.81	39.49	35.04	224	100	Peak	VERTICAL
2	11652.00	43.33	54.00	-10.67	28.07	10.81	39.49	35.04	224	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15560.00	47.02	54.00	-6.98	30.74	12.58	38.43	34.73	264	100	Average	HORIZONTAL
2	15568.24	60.94	74.00	-13.06	44.70	12.58	38.40	34.74	264	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15561.32	47.03	54.00	-6.97	30.78	12.58	38.40	34.73	264	100	Average	VERTICAL
2	15569.24	60.78	74.00	-13.22	44.54	12.58	38.40	34.74	264	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15680.64	46.32	54.00	-7.68	30.29	12.58	38.23	34.78	284	101	Average	HORIZONTAL
2	15698.00	61.08	74.00	-12.92	45.08	12.58	38.21	34.79	284	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15681.76	60.20	74.00	-13.80	44.17	12.58	38.23	34.78	224	100	Peak	VERTICAL
2	15689.48	46.30	54.00	-7.70	30.28	12.58	38.23	34.79	224	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11505.16	55.48	74.00	-18.52	40.39	10.72	39.40	35.03	290	100	Peak	HORIZONTAL
2	11506.80	42.00	54.00	-12.00	26.91	10.72	39.40	35.03	290	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11511.64	41.99	54.00	-12.01	26.90	10.72	39.40	35.03	227	100	Average	VERTICAL
2	11516.04	56.17	74.00	-17.83	41.07	10.72	39.41	35.03	227	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11591.36	42.43	54.00	-11.57	27.25	10.76	39.45	35.03	148	100	Average	HORIZONTAL
2	11591.84	55.88	74.00	-18.12	40.70	10.76	39.45	35.03	148	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11594.40	55.86	74.00	-18.14	40.68	10.76	39.45	35.03	234	100	Peak	VERTICAL
2	11599.96	42.19	54.00	-11.81	26.98	10.78	39.46	35.03	234	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15620.92	46.57	54.00	-7.43	30.42	12.58	38.33	34.76	280	100	Average	HORIZONTAL
2	15622.92	60.03	74.00	-13.97	43.88	12.58	38.33	34.76	280	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15620.60	46.58	54.00	-7.42	30.43	12.58	38.33	34.76	250	100	Average	VERTICAL
2	15621.56	60.28	74.00	-13.72	44.13	12.58	38.33	34.76	250	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5132.12	49.75	74.00	-24.25	43.08	6.17	34.09	33.59	280	170	Peak	HORIZONTAL
2	5133.24	36.64	54.00	-17.36	29.97	6.17	34.09	33.59	280	170	Average	HORIZONTAL
3	11549.98	44.42	54.00	-9.58	29.27	10.75	39.43	35.03	114	100	Average	HORIZONTAL
4	11550.50	56.69	74.00	-17.31	41.54	10.75	39.43	35.03	114	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.29	55.23	74.00	-18.77	48.56	6.17	34.09	33.59	16	196	Peak	VERTICAL
2	5133.30	49.50	54.00	-4.50	42.83	6.17	34.09	33.59	16	196	Average	VERTICAL
3	11549.89	44.61	54.00	-9.39	29.46	10.75	39.43	35.03	250	101	Average	VERTICAL
4	11549.96	56.20	74.00	-17.80	41.05	10.75	39.43	35.03	250	101	Peak	VERTICAL

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.76	47.10	54.00	-6.90	30.79	12.58	38.45	34.72	278	100	Average	HORIZONTAL
2	15536.04	60.35	74.00	-13.65	44.04	12.58	38.45	34.72	278	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15535.24	47.04	54.00	-6.96	30.73	12.58	38.45	34.72	250	100	Average	VERTICAL
2	15545.28	61.25	74.00	-12.75	44.97	12.58	38.43	34.73	250	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15598.52	60.99	74.00	-13.01	44.80	12.58	38.36	34.75	213	100	Peak	HORIZONTAL
2	15598.84	46.61	54.00	-7.39	30.42	12.58	38.36	34.75	213	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15590.68	46.64	54.00	-7.36	30.43	12.58	38.38	34.75	256	100	Average	VERTICAL
2	15607.08	60.16	74.00	-13.84	43.97	12.58	38.36	34.75	256	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15712.28	59.68	74.00	-14.32	43.69	12.57	38.21	34.79	218	100	Peak	HORIZONTAL
2	15713.68	45.97	54.00	-8.03	30.01	12.57	38.19	34.80	218	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15714.12	46.02	54.00	-7.98	30.06	12.57	38.19	34.80	189	100	Average	VERTICAL
2	15725.84	59.54	74.00	-14.46	43.58	12.57	38.19	34.80	189	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.52	55.46	74.00	-18.54	40.39	10.71	39.39	35.03	208	100	Peak	HORIZONTAL
2	11497.88	41.70	54.00	-12.30	26.61	10.72	39.40	35.03	208	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11487.84	55.39	74.00	-18.61	40.32	10.71	39.39	35.03	241	100	Peak	VERTICAL
2	11495.56	41.68	54.00	-12.32	26.60	10.72	39.39	35.03	241	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11568.88	56.22	74.00	-17.78	41.06	10.75	39.44	35.03	241	100	Peak	HORIZONTAL
2	11576.92	42.49	54.00	-11.51	27.32	10.76	39.44	35.03	241	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11569.82	55.59	74.00	-18.41	40.42	10.76	39.44	35.03	253	100	Peak	VERTICAL
2	11570.79	42.18	54.00	-11.82	27.01	10.76	39.44	35.03	253	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11641.40	56.55	74.00	-17.45	41.32	10.79	39.48	35.04	210	100	Peak	HORIZONTAL
2	11657.84	43.49	54.00	-10.51	28.23	10.81	39.49	35.04	210	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11643.92	57.03	74.00	-16.97	41.80	10.79	39.48	35.04	236	100	Peak	VERTICAL
2	11657.84	43.39	54.00	-10.61	28.13	10.81	39.49	35.04	236	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15560.04	48.14	54.00	-5.86	31.86	12.58	38.43	34.73	222	100	Average	HORIZONTAL
2	15566.76	61.08	74.00	-12.92	44.84	12.58	38.40	34.74	222	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15571.76	48.07	54.00	-5.93	31.83	12.58	38.40	34.74	260	100	Average	VERTICAL
2	15578.92	60.54	74.00	-13.46	44.32	12.58	38.38	34.74	260	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15673.44	60.33	74.00	-13.67	44.27	12.58	38.26	34.78	281	100	Peak	HORIZONTAL
2	15688.88	47.63	54.00	-6.37	31.61	12.58	38.23	34.79	281	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15671.60	60.27	74.00	-13.73	44.21	12.58	38.26	34.78	240	100	Peak	VERTICAL
2	15684.48	47.55	54.00	-6.45	31.52	12.58	38.23	34.78	240	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11513.60	56.30	74.00	-17.70	41.21	10.72	39.40	35.03	240	100	Peak	HORIZONTAL
2	11519.64	43.42	54.00	-10.58	28.31	10.73	39.41	35.03	240	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11506.68	56.59	74.00	-17.41	41.50	10.72	39.40	35.03	258	100	Peak	VERTICAL
2	11510.76	43.44	54.00	-10.56	28.35	10.72	39.40	35.03	258	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11598.12	43.81	54.00	-10.19	28.61	10.78	39.45	35.03	198	100	Average	HORIZONTAL
2	11598.12	57.59	74.00	-16.41	42.39	10.78	39.45	35.03	198	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11588.36	43.85	54.00	-10.15	28.67	10.76	39.45	35.03	220	100	Average	VERTICAL
2	11598.48	56.39	74.00	-17.61	41.19	10.78	39.45	35.03	220	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15635.36	60.26	74.00	-13.74	44.13	12.58	38.31	34.76	281	100	Peak	HORIZONTAL
2	15636.44	48.59	54.00	-5.41	32.46	12.58	38.31	34.76	281	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15623.08	60.67	74.00	-13.33	44.52	12.58	38.33	34.76	250	100	Peak	VERTICAL
2	15634.64	48.81	54.00	-5.19	32.68	12.58	38.31	34.76	250	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.21	53.81	74.00	-20.19	47.14	6.17	34.09	33.59	43	207	Peak	HORIZONTAL
2	5133.26	49.57	54.00	-4.43	42.90	6.17	34.09	33.59	43	207	Average	HORIZONTAL
3	11547.48	56.41	74.00	-17.59	41.27	10.75	39.42	35.03	252	100	Peak	HORIZONTAL
4	11557.40	44.57	54.00	-9.43	29.42	10.75	39.43	35.03	252	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.25	49.37	54.00	-4.63	42.70	6.17	34.09	33.59	22	197	Average	VERTICAL
2	5133.26	54.12	74.00	-19.88	47.45	6.17	34.09	33.59	22	197	Peak	VERTICAL
3	11544.48	56.62	74.00	-17.38	41.48	10.75	39.42	35.03	274	100	Peak	VERTICAL
4	11551.76	44.41	54.00	-9.59	29.26	10.75	39.43	35.03	274	100	Average	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15533.04	47.91	54.00	-6.09	31.60	12.58	38.45	34.72	204	100	Average	HORIZONTAL
2	15533.96	60.82	74.00	-13.18	44.51	12.58	38.45	34.72	204	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15532.44	61.22	74.00	-12.78	44.91	12.58	38.45	34.72	227	100	Peak	VERTICAL
2	15534.96	47.93	54.00	-6.07	31.62	12.58	38.45	34.72	227	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15595.96	47.39	54.00	-6.61	31.20	12.58	38.36	34.75	251	100	Average	HORIZONTAL
2	15606.04	60.40	74.00	-13.60	44.21	12.58	38.36	34.75	251	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15592.76	61.13	74.00	-12.87	44.92	12.58	38.38	34.75	230	100	Peak	VERTICAL
2	15603.72	47.28	54.00	-6.72	31.09	12.58	38.36	34.75	230	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15710.80	46.74	54.00	-7.26	30.75	12.57	38.21	34.79	237	100	Average	HORIZONTAL
2	15719.36	59.97	74.00	-14.03	44.01	12.57	38.19	34.80	237	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15714.76	46.76	54.00	-7.24	30.80	12.57	38.19	34.80	186	100	Average	VERTICAL
2	15717.64	60.29	74.00	-13.71	44.33	12.57	38.19	34.80	186	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11490.52	55.21	74.00	-18.79	40.14	10.71	39.39	35.03	216	100	Peak	HORIZONTAL
2	11497.88	42.02	54.00	-11.98	26.93	10.72	39.40	35.03	216	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11485.24	55.42	74.00	-18.58	40.35	10.71	39.39	35.03	247	100	Peak	VERTICAL
2	11499.16	42.19	54.00	-11.81	27.10	10.72	39.40	35.03	247	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11568.36	56.22	74.00	-17.78	41.06	10.75	39.44	35.03	248	100	Peak	HORIZONTAL
2	11579.72	42.89	54.00	-11.11	27.72	10.76	39.44	35.03	248	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11561.76	55.68	74.00	-18.32	40.53	10.75	39.43	35.03	255	100	Peak	VERTICAL
2	11574.16	42.72	54.00	-11.28	27.55	10.76	39.44	35.03	255	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11648.00	56.44	74.00	-17.56	41.19	10.81	39.48	35.04	264	100	Peak	HORIZONTAL
2	11657.96	43.60	54.00	-10.40	28.34	10.81	39.49	35.04	264	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11651.84	56.52	74.00	-17.48	41.26	10.81	39.49	35.04	189	100	Peak	VERTICAL
2	11657.84	43.65	54.00	-10.35	28.39	10.81	39.49	35.04	189	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15564.84	61.04	74.00	-12.96	44.79	12.58	38.40	34.73	240	101	Peak	HORIZONTAL
2	15565.32	48.08	54.00	-5.92	31.84	12.58	38.40	34.74	240	101	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15561.00	48.09	54.00	-5.91	31.84	12.58	38.40	34.73	276	100	Average	VERTICAL
2	15572.40	61.31	74.00	-12.69	45.07	12.58	38.40	34.74	276	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15688.52	60.11	74.00	-13.89	44.09	12.58	38.23	34.79	218	100	Peak	HORIZONTAL
2	15690.16	47.42	54.00	-6.58	31.40	12.58	38.23	34.79	218	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15689.76	47.43	54.00	-6.57	31.41	12.58	38.23	34.79	268	100	Average	VERTICAL
2	15692.32	60.28	74.00	-13.72	44.26	12.58	38.23	34.79	268	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11501.32	42.78	54.00	-11.22	27.69	10.72	39.40	35.03	222	100	Average	HORIZONTAL
2	11503.80	55.40	74.00	-18.60	40.31	10.72	39.40	35.03	222	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11507.20	56.61	74.00	-17.39	41.52	10.72	39.40	35.03	251	100	Peak	VERTICAL
2	11512.16	42.89	54.00	-11.11	27.80	10.72	39.40	35.03	251	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11589.56	43.32	54.00	-10.68	28.14	10.76	39.45	35.03	285	101	Average	HORIZONTAL
2	11592.60	55.95	74.00	-18.05	40.77	10.76	39.45	35.03	285	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11583.08	56.91	74.00	-17.09	41.73	10.76	39.45	35.03	264	101	Peak	VERTICAL
2	11594.08	43.28	54.00	-10.72	28.10	10.76	39.45	35.03	264	101	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15621.08	48.78	54.00	-5.22	32.63	12.58	38.33	34.76	269	100	Average	HORIZONTAL
2	15629.52	60.75	74.00	-13.25	44.62	12.58	38.31	34.76	269	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15620.20	61.09	74.00	-12.91	44.94	12.58	38.33	34.76	251	100	Peak	VERTICAL
2	15621.16	48.70	54.00	-5.30	32.55	12.58	38.33	34.76	251	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 29, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.22	46.67	54.00	-7.33	40.00	6.17	34.09	33.59	42	206	Average	HORIZONTAL
2	5133.35	52.06	74.00	-21.94	45.39	6.17	34.09	33.59	42	206	Peak	HORIZONTAL
3	11551.96	56.06	74.00	-17.94	40.91	10.75	39.43	35.03	208	100	Peak	HORIZONTAL
4	11556.96	44.08	54.00	-9.92	28.93	10.75	39.43	35.03	208	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.21	56.40	74.00	-17.60	49.73	6.17	34.09	33.59	22	199	Peak	VERTICAL
2	5133.24	52.46	54.00	-1.54	45.79	6.17	34.09	33.59	22	199	Average	VERTICAL
3	11544.56	55.80	74.00	-18.20	40.66	10.75	39.42	35.03	256	100	Peak	VERTICAL
4	11557.88	44.19	54.00	-9.81	29.04	10.75	39.43	35.03	256	100	Average	VERTICAL

Note:

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

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

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

<For Beamforming Mode>

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15531.91	44.62	54.00	-9.38	30.27	10.72	34.72	38.35	HORIZONTAL	124	100	Average
2	15564.68	57.36	74.00	-16.64	43.06	10.72	34.73	38.31	HORIZONTAL	124	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15548.89	58.83	74.00	-15.17	44.50	10.72	34.73	38.34	VERTICAL	263	100	Peak
2	15554.66	44.81	54.00	-9.19	30.48	10.72	34.73	38.34	VERTICAL	263	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15592.47	44.58	54.00	-9.42	30.30	10.76	34.75	38.27	HORIZONTAL	223	100	Average
2	15616.91	57.66	74.00	-16.34	43.43	10.76	34.76	38.23	HORIZONTAL	223	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15575.08	44.66	54.00	-9.34	30.41	10.72	34.74	38.27	VERTICAL	296	100	Average
2	15576.68	57.14	74.00	-16.86	42.89	10.72	34.74	38.27	VERTICAL	296	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15695.24	57.35	74.00	-16.65	43.22	10.80	34.79	38.12	HORIZONTAL	188	100	Peak
2	15707.74	44.61	54.00	-9.39	30.49	10.80	34.79	38.11	HORIZONTAL	188	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15709.90	44.68	54.00	-9.32	30.59	10.80	34.79	38.08	VERTICAL	270	100	Average
2	15721.36	57.75	74.00	-16.25	43.67	10.80	34.80	38.08	VERTICAL	270	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11465.00	57.06	74.00	-16.94	43.12	9.05	35.03	39.92	HORIZONTAL	300	100	Peak
2	11489.12	44.15	54.00	-9.85	30.20	9.07	35.03	39.91	HORIZONTAL	300	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11472.61	44.20	54.00	-9.80	30.24	9.07	35.03	39.92	VERTICAL	159	100	Average
2	11491.28	57.72	74.00	-16.28	43.78	9.07	35.03	39.90	VERTICAL	159	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11570.40	43.75	54.00	-10.25	29.92	9.10	35.03	39.76	HORIZONTAL	315	100	Average
2	11587.07	56.51	74.00	-17.49	42.72	9.10	35.03	39.72	HORIZONTAL	315	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11546.28	43.98	54.00	-10.02	30.08	9.10	35.03	39.83	VERTICAL	136	100	Average
2	11563.99	57.12	74.00	-16.88	43.28	9.10	35.03	39.77	VERTICAL	136	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11664.58	56.66	74.00	-17.34	43.01	9.12	35.04	39.57	HORIZONTAL	160	100	Peak
2	11665.06	43.72	54.00	-10.28	30.07	9.12	35.04	39.57	HORIZONTAL	160	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11634.21	56.31	74.00	-17.69	42.60	9.12	35.04	39.63	VERTICAL	64	100	Peak
2	11648.32	43.71	54.00	-10.29	30.00	9.12	35.04	39.63	VERTICAL	64	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15553.81	57.72	74.00	-16.28	43.41	10.72	34.73	38.32	HORIZONTAL	239	100	Peak
2	15571.76	44.56	54.00	-9.44	30.28	10.72	34.74	38.30	HORIZONTAL	239	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15569.20	44.57	54.00	-9.43	30.32	10.72	34.74	38.27	VERTICAL	108	100	Average
2	15592.92	57.50	74.00	-16.50	43.22	10.76	34.75	38.27	VERTICAL	108	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15695.05	57.74	74.00	-16.26	43.61	10.80	34.79	38.12	HORIZONTAL	108	100	Peak
2	15698.33	44.51	54.00	-9.49	30.38	10.80	34.79	38.12	HORIZONTAL	108	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15697.53	57.42	74.00	-16.58	43.33	10.80	34.79	38.08	VERTICAL	215	100	Peak
2	15699.86	44.76	54.00	-9.24	30.67	10.80	34.79	38.08	VERTICAL	215	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11510.22	57.84	74.00	-16.16	43.92	9.07	35.03	39.88	HORIZONTAL	287	100	Peak
2	11523.11	43.97	54.00	-10.03	30.08	9.07	35.03	39.85	HORIZONTAL	287	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11510.22	56.75	74.00	-17.25	42.81	9.07	35.03	39.90	VERTICAL	173	100	Peak
2	11512.00	44.10	54.00	-9.90	30.16	9.07	35.03	39.90	VERTICAL	173	100	Average

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11588.80	43.78	54.00	-10.22	29.99	9.10	35.03	39.72	HORIZONTAL	249	100	Average
2	11613.48	56.82	74.00	-17.18	43.08	9.10	35.03	39.67	HORIZONTAL	249	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11568.53	43.76	54.00	-10.24	29.92	9.10	35.03	39.77	VERTICAL	328	100	Average
2	11608.35	56.42	74.00	-17.58	42.65	9.10	35.03	39.70	VERTICAL	328	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15628.32	58.24	74.00	-15.76	44.02	10.76	34.76	38.22	HORIZONTAL	250	100	Peak
2	15649.23	44.39	54.00	-9.61	30.21	10.76	34.77	38.19	HORIZONTAL	250	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15636.25	44.63	54.00	-9.37	30.42	10.76	34.76	38.21	VERTICAL	345	100	Average
2	15650.43	57.06	74.00	-16.94	42.92	10.76	34.77	38.15	VERTICAL	345	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11552.85	44.08	54.00	-9.92	30.22	9.10	35.03	39.79	HORIZONTAL	354	100	Average
2	11556.73	56.81	74.00	-17.19	42.96	9.10	35.03	39.78	HORIZONTAL	354	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11548.40	57.08	74.00	-16.92	43.18	9.10	35.03	39.83	VERTICAL	241	100	Peak
2	11552.72	43.91	54.00	-10.09	30.07	9.10	35.03	39.77	VERTICAL	241	100	Average

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15535.51	44.52	54.00	-9.48	30.17	10.72	34.72	38.35	HORIZONTAL	312	100	Average
2	15542.15	57.98	74.00	-16.02	43.65	10.72	34.73	38.34	HORIZONTAL	312	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15544.65	44.39	54.00	-9.61	30.06	10.72	34.73	38.34	VERTICAL	26	100	Average
2	15545.71	58.08	74.00	-15.92	43.75	10.72	34.73	38.34	VERTICAL	26	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15590.13	57.84	74.00	-16.16	43.56	10.76	34.75	38.27	HORIZONTAL	155	100	Peak
2	15606.76	44.28	54.00	-9.72	30.02	10.76	34.75	38.25	HORIZONTAL	155	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15591.22	44.69	54.00	-9.31	30.41	10.76	34.75	38.27	VERTICAL	38	100	Average
2	15600.61	57.67	74.00	-16.33	43.45	10.76	34.75	38.21	VERTICAL	38	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15716.19	44.29	54.00	-9.71	30.20	10.80	34.80	38.09	HORIZONTAL	191	100	Average
2	15728.04	57.61	74.00	-16.39	43.53	10.80	34.80	38.08	HORIZONTAL	191	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15714.78	57.01	74.00	-16.99	42.93	10.80	34.80	38.08	VERTICAL	90	100	Peak
2	15716.89	44.82	54.00	-9.18	30.74	10.80	34.80	38.08	VERTICAL	90	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11482.31	57.08	74.00	-16.92	43.13	9.07	35.03	39.91	HORIZONTAL	192	100	Peak
2	11486.41	43.93	54.00	-10.07	29.98	9.07	35.03	39.91	HORIZONTAL	192	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11480.77	44.14	54.00	-9.86	30.18	9.07	35.03	39.92	VERTICAL	69	100	Average
2	11499.29	57.21	74.00	-16.79	43.27	9.07	35.03	39.90	VERTICAL	69	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11573.27	56.39	74.00	-17.61	42.57	9.10	35.03	39.75	HORIZONTAL	28	100	Peak
2	11576.15	43.57	54.00	-10.43	29.76	9.10	35.03	39.74	HORIZONTAL	28	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11564.17	43.73	54.00	-10.27	29.89	9.10	35.03	39.77	VERTICAL	322	100	Average
2	11578.88	57.18	74.00	-16.82	43.34	9.10	35.03	39.77	VERTICAL	322	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014 ~ Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11642.40	43.47	54.00	-10.53	29.78	9.12	35.04	39.61	HORIZONTAL	190	100	Average
2	11654.10	56.75	74.00	-17.25	43.08	9.12	35.04	39.59	HORIZONTAL	190	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11648.43	43.43	54.00	-10.57	29.72	9.12	35.04	39.63	VERTICAL	62	100	Average
2	11652.72	57.02	74.00	-16.98	43.37	9.12	35.04	39.57	VERTICAL	62	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15560.42	44.56	54.00	-9.44	30.26	10.72	34.73	38.31	HORIZONTAL	191	100	Average
2	15564.74	57.67	74.00	-16.33	43.37	10.72	34.73	38.31	HORIZONTAL	191	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15565.32	44.46	54.00	-9.54	30.21	10.72	34.74	38.27	VERTICAL	82	100	Average
2	15578.01	44.41	74.00	-29.59	30.16	10.72	34.74	38.27	VERTICAL	82	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15687.95	57.68	74.00	-16.32	43.53	10.80	34.78	38.13	HORIZONTAL	273	100	Peak
2	15697.24	44.55	54.00	-9.45	30.42	10.80	34.79	38.12	HORIZONTAL	273	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15685.80	57.80	74.00	-16.20	43.67	10.76	34.78	38.15	VERTICAL	142	100	Peak
2	15696.83	44.40	54.00	-9.60	30.31	10.80	34.79	38.08	VERTICAL	142	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11505.03	57.26	74.00	-16.74	43.33	9.07	35.03	39.89	HORIZONTAL	302	100	Peak
2	11509.78	43.89	54.00	-10.11	29.97	9.07	35.03	39.88	HORIZONTAL	302	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11501.19	43.99	54.00	-10.01	30.05	9.07	35.03	39.90	VERTICAL	176	100	Average
2	11509.36	56.54	74.00	-17.46	42.60	9.07	35.03	39.90	VERTICAL	176	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11580.35	56.62	74.00	-17.38	42.81	9.10	35.03	39.74	HORIZONTAL	166	100	Peak
2	11584.49	43.47	54.00	-10.53	29.67	9.10	35.03	39.73	HORIZONTAL	166	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11583.17	43.52	54.00	-10.48	29.68	9.10	35.03	39.77	VERTICAL	260	100	Average
2	11596.70	57.17	74.00	-16.83	43.40	9.10	35.03	39.70	VERTICAL	260	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15633.65	44.14	54.00	-9.86	29.93	10.76	34.76	38.21	HORIZONTAL	165	100	Average
2	15634.68	57.25	74.00	-16.75	43.04	10.76	34.76	38.21	HORIZONTAL	165	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15626.92	57.55	74.00	-16.45	43.34	10.76	34.76	38.21	VERTICAL	275	100	Peak
2	15630.71	44.23	54.00	-9.77	30.02	10.76	34.76	38.21	VERTICAL	275	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 01, 2015		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11542.12	56.77	74.00	-17.23	42.89	9.10	35.03	39.81	HORIZONTAL	336	100	Peak
2	11550.48	43.75	54.00	-10.25	29.88	9.10	35.03	39.80	HORIZONTAL	336	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11545.26	56.48	74.00	-17.52	42.58	9.10	35.03	39.83	VERTICAL	218	100	Peak
2	11552.95	43.74	54.00	-10.26	29.90	9.10	35.03	39.77	VERTICAL	218	100	Average

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15521.52	62.11	74.00	-11.89	45.77	12.58	38.48	34.72	128	110	Peak	HORIZONTAL
2	15525.92	49.11	54.00	-4.89	32.77	12.58	38.48	34.72	128	110	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15529.28	61.57	74.00	-12.43	45.26	12.58	38.45	34.72	320	110	Peak	VERTICAL
2	15540.80	48.90	54.00	-5.10	32.60	12.58	38.45	34.73	320	110	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15593.88	48.24	54.00	-5.76	32.03	12.58	38.38	34.75	0	101	Average	HORIZONTAL
2	15606.68	60.27	74.00	-13.73	44.08	12.58	38.36	34.75	0	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15590.72	60.84	74.00	-13.16	44.63	12.58	38.38	34.75	165	101	Peak	VERTICAL
2	15598.36	48.01	54.00	-5.99	31.82	12.58	38.36	34.75	165	101	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15721.04	47.99	54.00	-6.01	32.03	12.57	38.19	34.80	166	119	Average	HORIZONTAL
2	15722.64	61.48	74.00	-12.52	45.52	12.57	38.19	34.80	166	119	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15720.20	61.00	74.00	-13.00	45.04	12.57	38.19	34.80	114	122	Peak	VERTICAL
2	15720.36	47.88	54.00	-6.12	31.92	12.57	38.19	34.80	114	122	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11487.56	56.15	74.00	-17.85	41.08	10.71	39.39	35.03	89	107	Peak	HORIZONTAL
2	11499.84	43.36	54.00	-10.64	28.27	10.72	39.40	35.03	89	107	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11489.20	55.87	74.00	-18.13	40.80	10.71	39.39	35.03	106	128	Peak	VERTICAL
2	11496.44	43.34	54.00	-10.66	28.26	10.72	39.39	35.03	106	128	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11567.96	56.76	74.00	-17.24	41.60	10.75	39.44	35.03	196	108	Peak	HORIZONTAL
2	11573.48	44.03	54.00	-9.97	28.86	10.76	39.44	35.03	196	108	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11574.96	56.75	74.00	-17.25	41.58	10.76	39.44	35.03	153	129	Peak	VERTICAL
2	11579.84	44.51	54.00	-9.49	29.34	10.76	39.44	35.03	153	129	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11653.68	57.53	74.00	-16.47	42.27	10.81	39.49	35.04	229	133	Peak	HORIZONTAL
2	11656.92	44.60	54.00	-9.40	29.34	10.81	39.49	35.04	229	133	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11651.24	45.02	54.00	-8.98	29.76	10.81	39.49	35.04	310	136	Average	VERTICAL
2	11659.92	58.07	74.00	-15.93	42.81	10.81	39.49	35.04	310	136	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15551.92	55.11	74.00	-18.89	38.83	12.58	38.43	34.73	203	130	Peak	HORIZONTAL
2	15565.92	42.14	54.00	-11.86	25.90	12.58	38.40	34.74	203	130	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15554.16	54.58	74.00	-19.42	38.30	12.58	38.43	34.73	217	117	Peak	VERTICAL
2	15560.56	42.25	54.00	-11.75	26.00	12.58	38.40	34.73	217	117	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15693.60	53.44	74.00	-20.56	37.42	12.58	38.23	34.79	295	101	Peak	HORIZONTAL
2	15698.32	41.76	54.00	-12.24	25.76	12.58	38.21	34.79	295	101	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15694.24	42.17	54.00	-11.83	26.15	12.58	38.23	34.79	176	111	Average	VERTICAL
2	15698.32	55.01	74.00	-18.99	39.01	12.58	38.21	34.79	176	111	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11491.52	56.06	74.00	-17.94	40.99	10.71	39.39	35.03	308	113	Peak	HORIZONTAL
2	11526.08	43.63	54.00	-10.37	28.52	10.73	39.41	35.03	308	113	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11496.72	56.05	74.00	-17.95	40.97	10.72	39.39	35.03	279	115	Peak	VERTICAL
2	11510.64	43.22	54.00	-10.78	28.13	10.72	39.40	35.03	279	115	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11571.92	56.79	74.00	-17.21	41.62	10.76	39.44	35.03	306	113	Peak	HORIZONTAL
2	11576.40	44.09	54.00	-9.91	28.92	10.76	39.44	35.03	306	113	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11588.88	56.17	74.00	-17.83	40.99	10.76	39.45	35.03	324	100	Peak	VERTICAL
2	11597.60	43.97	54.00	-10.03	28.77	10.78	39.45	35.03	324	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15580.20	47.95	54.00	-6.05	31.73	12.58	38.38	34.74	318	105	Average	HORIZONTAL
2	15672.00	60.21	74.00	-13.79	44.15	12.58	38.26	34.78	318	105	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15584.60	47.95	54.00	-6.05	31.73	12.58	38.38	34.74	318	105	Average	VERTICAL
2	15657.20	60.22	74.00	-13.78	44.13	12.58	38.28	34.77	318	105	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15631.60	60.28	74.00	-13.72	44.15	12.58	38.31	34.76	276	117	Peak	HORIZONTAL
2	15632.20	47.69	54.00	-6.31	31.56	12.58	38.31	34.76	276	117	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15621.88	47.51	54.00	-6.49	31.36	12.58	38.33	34.76	304	100	Average	VERTICAL
2	15629.72	60.56	74.00	-13.44	44.43	12.58	38.31	34.76	304	100	Peak	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.44	47.95	54.00	-6.05	31.64	12.58	38.45	34.72	244	121	Average	HORIZONTAL
2	15536.88	56.26	74.00	-17.74	39.95	12.58	38.45	34.72	244	121	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.72	60.98	74.00	-13.02	44.67	12.58	38.45	34.72	262	103	Peak	VERTICAL
2	15542.52	48.38	54.00	-5.62	32.08	12.58	38.45	34.73	262	103	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15591.00	47.85	54.00	-6.15	31.64	12.58	38.38	34.75	142	123	Average	HORIZONTAL
2	15593.68	60.27	74.00	-13.73	44.06	12.58	38.38	34.75	142	123	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15590.92	60.44	74.00	-13.56	44.23	12.58	38.38	34.75	165	106	Peak	VERTICAL
2	15591.48	48.12	54.00	-5.88	31.91	12.58	38.38	34.75	165	106	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15710.24	59.29	74.00	-14.71	43.30	12.57	38.21	34.79	76	102	Peak	HORIZONTAL
2	15724.80	47.04	54.00	-6.96	31.08	12.57	38.19	34.80	76	102	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15717.24	59.99	74.00	-14.01	44.03	12.57	38.19	34.80	81	110	Peak	VERTICAL
2	15723.84	47.04	54.00	-6.96	31.08	12.57	38.19	34.80	81	110	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11491.20	42.63	54.00	-11.37	27.56	10.71	39.39	35.03	85	121	Average	HORIZONTAL
2	11495.68	56.70	74.00	-17.30	41.62	10.72	39.39	35.03	85	121	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11499.20	56.03	74.00	-17.97	40.94	10.72	39.40	35.03	68	107	Peak	VERTICAL
2	11499.64	42.84	54.00	-11.16	27.75	10.72	39.40	35.03	68	107	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11576.56	43.88	54.00	-10.12	28.71	10.76	39.44	35.03	131	101	Average	HORIZONTAL
2	11576.68	56.37	74.00	-17.63	41.20	10.76	39.44	35.03	131	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11576.28	56.27	74.00	-17.73	41.10	10.76	39.44	35.03	106	110	Peak	VERTICAL
2	11576.72	44.01	54.00	-9.99	28.84	10.76	39.44	35.03	106	110	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11647.84	56.63	74.00	-17.37	41.38	10.81	39.48	35.04	171	110	Peak	HORIZONTAL
2	11659.80	44.74	54.00	-9.26	29.48	10.81	39.49	35.04	171	110	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11657.12	57.97	74.00	-16.03	42.71	10.81	39.49	35.04	145	110	Peak	VERTICAL
2	11659.96	44.75	54.00	-9.25	29.49	10.81	39.49	35.04	145	110	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15567.12	60.64	74.00	-13.36	44.40	12.58	38.40	34.74	144	122	Peak	HORIZONTAL
2	15583.28	48.04	54.00	-5.96	31.82	12.58	38.38	34.74	144	122	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15555.52	47.99	54.00	-6.01	31.71	12.58	38.43	34.73	155	101	Average	VERTICAL
2	15570.72	60.30	74.00	-13.70	44.06	12.58	38.40	34.74	155	101	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15683.43	47.57	54.00	-6.43	31.54	12.58	38.23	34.78	121	105	Average	HORIZONTAL
2	15692.61	60.64	74.00	-13.36	44.62	12.58	38.23	34.79	121	105	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15692.81	61.17	74.00	-12.83	45.15	12.58	38.23	34.79	132	109	Peak	VERTICAL
2	15694.34	47.68	54.00	-6.32	31.66	12.58	38.23	34.79	132	109	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.50	44.58	54.00	-9.42	29.51	10.71	39.39	35.03	133	105	Average	HORIZONTAL
2	11488.87	57.48	74.00	-16.52	42.41	10.71	39.39	35.03	133	105	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11492.14	57.55	74.00	-16.45	42.48	10.71	39.39	35.03	110	115	Peak	VERTICAL
2	11492.40	44.65	54.00	-9.35	29.58	10.71	39.39	35.03	110	115	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11590.93	44.65	54.00	-9.35	29.47	10.76	39.45	35.03	167	115	Average	HORIZONTAL
2	11595.53	57.12	74.00	-16.88	41.92	10.78	39.45	35.03	167	115	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11596.56	57.98	74.00	-16.02	42.78	10.78	39.45	35.03	149	126	Peak	VERTICAL
2	11597.54	44.60	54.00	-9.40	29.40	10.78	39.45	35.03	149	126	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10416.53	57.30	74.00	-16.70	42.07	10.13	38.97	33.87	198	104	Peak	HORIZONTAL
2	10433.31	44.22	54.00	-9.78	29.06	10.12	38.95	33.91	198	104	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10417.05	56.90	74.00	-17.10	41.67	10.13	38.97	33.87	183	123	Peak	VERTICAL
2	10419.83	44.32	54.00	-9.68	29.10	10.13	38.97	33.88	183	123	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11538.48	58.27	74.00	-15.73	43.15	10.73	39.42	35.03	228	108	Peak	HORIZONTAL
2	11558.97	45.22	54.00	-8.78	30.07	10.75	39.43	35.03	228	108	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11560.77	45.23	54.00	-8.77	30.08	10.75	39.43	35.03	218	110	Average	VERTICAL
2	11563.37	58.18	74.00	-15.82	43.03	10.75	39.43	35.03	218	110	Peak	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15546.97	60.81	74.00	-13.19	44.53	12.58	38.43	34.73	110	116	Peak	HORIZONTAL
2	15549.41	47.75	54.00	-6.25	31.47	12.58	38.43	34.73	110	116	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.24	61.01	74.00	-12.99	44.70	12.58	38.45	34.72	121	114	Peak	VERTICAL
2	15538.96	47.77	54.00	-6.23	31.46	12.58	38.45	34.72	121	114	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10406.37	57.56	74.00	-16.44	42.30	10.13	38.98	33.85	25	109	Peak	HORIZONTAL
2	10408.68	44.60	54.00	-9.40	29.35	10.13	38.98	33.86	25	109	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10399.16	57.93	74.00	-16.07	42.66	10.13	38.98	33.84	3	100	Peak	VERTICAL
2	10409.15	45.14	54.00	-8.86	29.89	10.13	38.98	33.86	3	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15721.68	61.14	74.00	-12.86	45.18	12.57	38.19	34.80	68	100	Peak	HORIZONTAL
2	15724.95	47.33	54.00	-6.67	31.37	12.57	38.19	34.80	68	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15722.95	60.30	74.00	-13.70	44.34	12.57	38.19	34.80	42	120	Peak	VERTICAL
2	15728.89	47.59	54.00	-6.41	31.63	12.57	38.19	34.80	42	120	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11494.37	44.64	54.00	-9.36	29.56	10.72	39.39	35.03	105	107	Average	HORIZONTAL
2	11496.45	58.59	74.00	-15.41	43.51	10.72	39.39	35.03	105	107	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11484.85	44.74	54.00	-9.26	29.67	10.71	39.39	35.03	92	128	Average	VERTICAL
2	11484.99	57.25	74.00	-16.75	42.18	10.71	39.39	35.03	92	128	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11565.57	59.06	74.00	-14.94	43.90	10.75	39.44	35.03	142	102	Peak	HORIZONTAL
2	11573.07	45.59	54.00	-8.41	30.42	10.76	39.44	35.03	142	102	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11573.07	44.62	54.00	-9.38	29.45	10.76	39.44	35.03	123	116	Average	VERTICAL
2	11573.70	57.89	74.00	-16.11	42.72	10.76	39.44	35.03	123	116	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11648.03	58.56	74.00	-15.44	43.31	10.81	39.48	35.04	210	124	Peak	HORIZONTAL
2	11650.84	45.96	54.00	-8.04	30.70	10.81	39.49	35.04	210	124	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11651.88	59.12	74.00	-14.88	43.86	10.81	39.49	35.04	175	114	Peak	VERTICAL
2	11655.56	46.05	54.00	-7.95	30.79	10.81	39.49	35.04	175	114	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15565.22	60.11	74.00	-13.89	43.86	12.58	38.40	34.73	193	126	Peak	HORIZONTAL
2	15574.31	47.13	54.00	-6.87	30.89	12.58	38.40	34.74	193	126	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15560.00	46.79	54.00	-7.21	30.51	12.58	38.43	34.73	224	112	Average	VERTICAL
2	15563.58	60.14	74.00	-13.86	43.89	12.58	38.40	34.73	224	112	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15690.04	47.11	54.00	-6.89	31.09	12.58	38.23	34.79	235	115	Average	HORIZONTAL
2	15701.56	59.63	74.00	-14.37	43.64	12.57	38.21	34.79	235	115	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15690.67	47.17	54.00	-6.83	31.15	12.58	38.23	34.79	219	109	Average	VERTICAL
2	15694.11	59.74	74.00	-14.26	43.72	12.58	38.23	34.79	219	109	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11509.43	44.06	54.00	-9.94	28.97	10.72	39.40	35.03	244	104	Average	HORIZONTAL
2	11519.42	57.57	74.00	-16.43	42.46	10.73	39.41	35.03	244	104	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11516.57	56.43	74.00	-17.57	41.33	10.72	39.41	35.03	258	120	Peak	VERTICAL
2	11519.10	44.05	54.00	-9.95	28.94	10.73	39.41	35.03	258	120	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11590.67	58.51	74.00	-15.49	43.33	10.76	39.45	35.03	280	109	Peak	HORIZONTAL
2	11592.17	43.90	54.00	-10.10	28.72	10.76	39.45	35.03	280	109	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11589.96	57.57	74.00	-16.43	42.39	10.76	39.45	35.03	268	123	Peak	VERTICAL
2	11591.25	44.20	54.00	-9.80	29.02	10.76	39.45	35.03	268	123	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15628.55	59.47	74.00	-14.53	43.34	12.58	38.31	34.76	296	105	Peak	HORIZONTAL
2	15634.83	46.95	54.00	-7.05	30.82	12.58	38.31	34.76	296	105	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15628.75	46.86	54.00	-7.14	30.73	12.58	38.31	34.76	287	117	Average	VERTICAL
2	15634.69	59.95	74.00	-14.05	43.82	12.58	38.31	34.76	287	117	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11546.01	58.43	74.00	-15.57	43.29	10.75	39.42	35.03	330	108	Peak	HORIZONTAL
2	11558.48	45.04	54.00	-8.96	29.89	10.75	39.43	35.03	330	108	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11552.00	58.23	74.00	-15.77	43.08	10.75	39.43	35.03	314	111	Peak	VERTICAL
2	11557.06	45.13	54.00	-8.87	29.98	10.75	39.43	35.03	314	111	Average	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15538.29	60.08	74.00	-13.92	43.77	12.58	38.45	34.72	296	102	Peak	HORIZONTAL
2	15547.03	46.97	54.00	-7.03	30.69	12.58	38.43	34.73	296	102	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15532.27	47.08	54.00	-6.92	30.77	12.58	38.45	34.72	319	114	Average	VERTICAL
2	15547.21	60.51	74.00	-13.49	44.23	12.58	38.43	34.73	319	114	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15594.53	46.81	54.00	-7.19	30.62	12.58	38.36	34.75	223	114	Average	HORIZONTAL
2	15604.78	60.72	74.00	-13.28	44.53	12.58	38.36	34.75	223	114	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15590.16	47.09	54.00	-6.91	30.88	12.58	38.38	34.75	262	106	Average	VERTICAL
2	15603.85	60.71	74.00	-13.29	44.52	12.58	38.36	34.75	262	106	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15715.02	46.79	54.00	-7.21	30.83	12.57	38.19	34.80	354	106	Average	HORIZONTAL
2	15726.83	60.60	74.00	-13.40	44.64	12.57	38.19	34.80	354	106	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15713.95	59.75	74.00	-14.25	43.79	12.57	38.19	34.80	179	103	Peak	VERTICAL
2	15717.89	47.02	54.00	-6.98	31.06	12.57	38.19	34.80	179	103	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11484.93	57.35	74.00	-16.65	42.28	10.71	39.39	35.03	189	108	Peak	HORIZONTAL
2	11492.34	44.18	54.00	-9.82	29.11	10.71	39.39	35.03	189	108	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11489.02	44.44	54.00	-9.56	29.37	10.71	39.39	35.03	166	117	Average	VERTICAL
2	11494.37	57.34	74.00	-16.66	42.26	10.72	39.39	35.03	166	117	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.06	44.23	54.00	-9.77	29.16	10.71	39.39	35.03	183	102	Average	HORIZONTAL
2	11489.19	57.47	74.00	-16.53	42.40	10.71	39.39	35.03	183	102	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11487.57	57.57	74.00	-16.43	42.50	10.71	39.39	35.03	204	127	Peak	VERTICAL
2	11491.33	44.32	54.00	-9.68	29.25	10.71	39.39	35.03	204	127	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11658.86	45.39	54.00	-8.61	30.13	10.81	39.49	35.04	281	120	Average	HORIZONTAL
2	11659.64	58.51	74.00	-15.49	43.25	10.81	39.49	35.04	281	120	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11646.79	58.72	74.00	-15.28	43.47	10.81	39.48	35.04	288	133	Peak	VERTICAL
2	11649.74	45.31	54.00	-8.69	30.06	10.81	39.48	35.04	288	133	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15564.01	60.12	74.00	-13.88	43.87	12.58	38.40	34.73	286	118	Peak	HORIZONTAL
2	15578.31	46.43	54.00	-7.57	30.21	12.58	38.38	34.74	286	118	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15567.19	47.06	54.00	-6.94	30.82	12.58	38.40	34.74	255	105	Average	VERTICAL
2	15574.83	59.69	74.00	-14.31	43.45	12.58	38.40	34.74	255	105	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15681.49	60.00	74.00	-14.00	43.97	12.58	38.23	34.78	182	100	Peak	HORIZONTAL
2	15694.40	46.75	54.00	-7.25	30.73	12.58	38.23	34.79	182	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15686.15	59.98	74.00	-14.02	43.95	12.58	38.23	34.78	217	107	Peak	VERTICAL
2	15693.88	46.88	54.00	-7.12	30.86	12.58	38.23	34.79	217	107	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11507.95	57.24	74.00	-16.76	42.15	10.72	39.40	35.03	133	119	Peak	HORIZONTAL
2	11513.79	44.18	54.00	-9.82	29.09	10.72	39.40	35.03	133	119	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11506.24	58.08	74.00	-15.92	42.99	10.72	39.40	35.03	169	110	Peak	VERTICAL
2	11518.31	44.80	54.00	-9.20	29.70	10.72	39.41	35.03	169	110	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11592.46	58.18	74.00	-15.82	43.00	10.76	39.45	35.03	69	108	Peak	HORIZONTAL
2	11598.74	44.78	54.00	-9.22	29.58	10.78	39.45	35.03	69	108	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11592.05	45.00	54.00	-9.00	29.82	10.76	39.45	35.03	94	109	Average	VERTICAL
2	11598.42	58.11	74.00	-15.89	42.91	10.78	39.45	35.03	94	109	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15620.30	46.71	54.00	-7.29	30.56	12.58	38.33	34.76	116	115	Average	HORIZONTAL
2	15638.08	59.74	74.00	-14.26	43.61	12.58	38.31	34.76	116	115	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15627.77	46.78	54.00	-7.22	30.63	12.58	38.33	34.76	81	125	Average	VERTICAL
2	15637.79	59.37	74.00	-14.63	43.24	12.58	38.31	34.76	81	125	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 03, 2015		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11551.71	58.00	74.00	-16.00	42.85	10.75	39.43	35.03	28	122	Peak	HORIZONTAL
2	11558.45	45.11	54.00	-8.89	29.96	10.75	39.43	35.03	28	122	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11559.35	57.56	74.00	-16.44	42.41	10.75	39.43	35.03	233	107	Peak	VERTICAL
2	11559.99	45.18	54.00	-8.82	30.03	10.75	39.43	35.03	233	107	Average	VERTICAL

Note:

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

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

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

<For STBC Mode>

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15541.73	58.31	74.00	-15.69	43.98	10.72	34.73	38.34	HORIZONTAL	227	100	Peak
2	15543.65	45.16	54.00	-8.84	30.83	10.72	34.73	38.34	HORIZONTAL	227	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15530.45	58.47	74.00	-15.53	44.13	10.72	34.72	38.34	VERTICAL	106	100	Peak
2	15538.88	45.24	54.00	-8.76	30.90	10.72	34.72	38.34	VERTICAL	106	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15596.03	44.97	54.00	-9.03	30.70	10.76	34.75	38.26	HORIZONTAL	325	100	Average
2	15601.63	57.68	74.00	-16.32	43.41	10.76	34.75	38.26	HORIZONTAL	325	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15591.19	58.70	74.00	-15.30	44.42	10.76	34.75	38.27	VERTICAL	169	100	Peak
2	15597.88	44.95	54.00	-9.05	30.67	10.76	34.75	38.27	VERTICAL	169	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15717.85	45.20	54.00	-8.80	31.11	10.80	34.80	38.09	HORIZONTAL	326	100	Average
2	15723.85	57.61	74.00	-16.39	43.53	10.80	34.80	38.08	HORIZONTAL	326	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15711.03	58.07	74.00	-15.93	43.98	10.80	34.79	38.08	VERTICAL	188	100	Peak
2	15712.60	44.74	54.00	-9.26	30.65	10.80	34.79	38.08	VERTICAL	188	100	Average

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11480.00	43.78	54.00	-10.22	29.83	9.07	35.03	39.91	HORIZONTAL	5	100	Average
2	11480.00	55.66	74.00	-18.34	41.71	9.07	35.03	39.91	HORIZONTAL	5	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11480.00	44.42	54.00	-9.58	30.46	9.07	35.03	39.92	VERTICAL	214	100	Average
2	11480.00	54.37	74.00	-19.63	40.41	9.07	35.03	39.92	VERTICAL	214	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11560.00	43.31	54.00	-10.69	29.46	9.10	35.03	39.78	HORIZONTAL	184	100	Average
2	11560.00	54.44	74.00	-19.56	40.59	9.10	35.03	39.78	HORIZONTAL	184	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11560.00	43.36	54.00	-10.64	29.52	9.10	35.03	39.77	VERTICAL	305	100	Average
2	11560.00	54.73	74.00	-19.27	40.89	9.10	35.03	39.77	VERTICAL	305	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11640.00	43.07	54.00	-10.93	29.37	9.12	35.04	39.62	HORIZONTAL	249	100	Average
2	11640.00	53.13	74.00	-20.87	39.43	9.12	35.04	39.62	HORIZONTAL	249	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11640.00	42.93	54.00	-11.07	29.22	9.12	35.04	39.63	VERTICAL	123	100	Average
2	11640.00	53.29	74.00	-20.71	39.58	9.12	35.04	39.63	VERTICAL	123	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15560.00	44.32	54.00	-9.68	30.02	10.72	34.73	38.31	HORIZONTAL	119	100	Average
2	15560.00	54.84	74.00	-19.16	40.54	10.72	34.73	38.31	HORIZONTAL	119	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15560.00	44.11	54.00	-9.89	29.85	10.72	34.73	38.27	VERTICAL	360	100	Average
2	15560.00	54.43	74.00	-19.57	40.17	10.72	34.73	38.27	VERTICAL	360	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15680.00	43.55	54.00	-10.45	29.42	10.76	34.78	38.15	HORIZONTAL	229	100	Average
2	15680.00	55.30	74.00	-18.70	41.17	10.76	34.78	38.15	HORIZONTAL	229	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15680.00	43.94	54.00	-10.06	29.81	10.76	34.78	38.15	VERTICAL	353	100	Average
2	15680.00	54.96	74.00	-19.04	40.83	10.76	34.78	38.15	VERTICAL	353	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11520.00	43.19	54.00	-10.81	29.29	9.07	35.03	39.86	HORIZONTAL	192	100	Average
2	11520.00	53.26	74.00	-20.74	39.36	9.07	35.03	39.86	HORIZONTAL	192	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11520.00	43.56	54.00	-10.44	29.69	9.07	35.03	39.83	VERTICAL	91	100	Average
2	11520.00	54.30	74.00	-19.70	40.43	9.07	35.03	39.83	VERTICAL	91	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11580.00	43.02	54.00	-10.98	29.21	9.10	35.03	39.74	HORIZONTAL	247	100	Average
2	11580.00	53.91	74.00	-20.09	40.10	9.10	35.03	39.74	HORIZONTAL	247	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11580.00	42.79	54.00	-11.21	28.95	9.10	35.03	39.77	VERTICAL	171	100	Average
2	11580.00	54.16	74.00	-19.84	40.32	9.10	35.03	39.77	VERTICAL	171	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15620.00	43.78	54.00	-10.22	29.55	10.76	34.76	38.23	HORIZONTAL	286	100	Average
2	15620.00	54.67	74.00	-19.33	40.44	10.76	34.76	38.23	HORIZONTAL	286	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15620.00	43.99	54.00	-10.01	29.78	10.76	34.76	38.21	VERTICAL	203	100	Average
2	15620.00	54.43	74.00	-19.57	40.22	10.76	34.76	38.21	VERTICAL	203	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11501.60	44.03	54.00	-9.97	30.09	9.07	35.03	39.90	HORIZONTAL	78	100	Average
2	11519.87	56.49	74.00	-17.51	42.59	9.07	35.03	39.86	HORIZONTAL	78	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11552.72	43.83	54.00	-10.17	29.99	9.10	35.03	39.77	VERTICAL	38	100	Average
2	11598.88	55.96	74.00	-18.04	42.19	9.10	35.03	39.70	VERTICAL	38	100	Peak

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15526.38	44.60	54.00	-9.40	30.24	10.72	34.72	38.36	HORIZONTAL	314	100	Average
2	15581.19	56.64	74.00	-17.36	42.38	10.72	34.74	38.28	HORIZONTAL	314	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15549.46	44.58	54.00	-9.42	30.25	10.72	34.73	38.34	VERTICAL	34	100	Average
2	15589.20	57.62	74.00	-16.38	43.33	10.76	34.74	38.27	VERTICAL	34	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15603.45	44.27	54.00	-9.73	30.01	10.76	34.75	38.25	HORIZONTAL	186	100	Average
2	15608.97	57.58	74.00	-16.42	43.32	10.76	34.75	38.25	HORIZONTAL	186	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15587.74	57.57	74.00	-16.43	43.28	10.76	34.74	38.27	VERTICAL	58	100	Peak
2	15600.64	44.56	54.00	-9.44	30.34	10.76	34.75	38.21	VERTICAL	58	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15718.32	44.44	54.00	-9.56	30.35	10.80	34.80	38.09	HORIZONTAL	257	100	Average
2	15720.80	57.89	74.00	-16.11	43.80	10.80	34.80	38.09	HORIZONTAL	257	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15697.00	44.46	54.00	-9.54	30.37	10.80	34.79	38.08	VERTICAL	314	100	Average
2	15718.72	57.56	74.00	-16.44	43.48	10.80	34.80	38.08	VERTICAL	314	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11468.04	56.99	74.00	-17.01	43.03	9.07	35.03	39.92	HORIZONTAL	338	100	Peak
2	11475.42	44.09	54.00	-9.91	30.14	9.07	35.03	39.91	HORIZONTAL	338	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11466.04	44.24	54.00	-9.76	30.28	9.07	35.03	39.92	VERTICAL	236	100	Average
2	11512.36	57.09	74.00	-16.91	43.15	9.07	35.03	39.90	VERTICAL	236	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11562.07	43.71	54.00	-10.29	29.87	9.10	35.03	39.77	HORIZONTAL	224	100	Average
2	11567.28	56.49	74.00	-17.51	42.66	9.10	35.03	39.76	HORIZONTAL	224	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11565.67	43.60	54.00	-10.40	29.76	9.10	35.03	39.77	VERTICAL	92	100	Average
2	11572.48	56.27	74.00	-17.73	42.43	9.10	35.03	39.77	VERTICAL	92	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11652.72	43.51	54.00	-10.49	29.84	9.12	35.04	39.59	HORIZONTAL	330	100	Average
2	11668.27	56.60	74.00	-17.40	42.96	9.12	35.04	39.56	HORIZONTAL	330	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11655.37	43.45	54.00	-10.55	29.80	9.12	35.04	39.57	VERTICAL	177	100	Average
2	11669.07	56.48	74.00	-17.52	42.83	9.12	35.04	39.57	VERTICAL	177	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15570.40	44.31	54.00	-9.69	30.03	10.72	34.74	38.30	HORIZONTAL	224	100	Average
2	15593.48	57.23	74.00	-16.77	42.95	10.76	34.75	38.27	HORIZONTAL	224	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15545.00	44.55	54.00	-9.45	30.22	10.72	34.73	38.34	VERTICAL	305	100	Average
2	15550.61	57.63	74.00	-16.37	43.30	10.72	34.73	38.34	VERTICAL	305	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15690.88	44.51	54.00	-9.49	30.37	10.80	34.79	38.13	HORIZONTAL	216	100	Average
2	15711.23	57.44	74.00	-16.56	43.33	10.80	34.79	38.10	HORIZONTAL	216	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15674.62	44.36	54.00	-9.64	30.23	10.76	34.78	38.15	VERTICAL	122	100	Average
2	15679.42	57.32	74.00	-16.68	43.19	10.76	34.78	38.15	VERTICAL	122	100	Peak

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11485.56	55.40	74.00	-18.60	41.45	9.07	35.03	39.91	HORIZONTAL	264	100	Peak
2	11508.40	43.26	54.00	-10.74	29.34	9.07	35.03	39.88	HORIZONTAL	264	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11486.28	43.99	54.00	-10.01	30.05	9.07	35.03	39.90	VERTICAL	314	100	Average
2	11531.55	56.24	74.00	-17.76	42.37	9.07	35.03	39.83	VERTICAL	314	100	Peak

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11566.44	43.43	54.00	-10.57	29.60	9.10	35.03	39.76	HORIZONTAL	189	100	Average
2	11567.96	56.11	74.00	-17.89	42.28	9.10	35.03	39.76	HORIZONTAL	189	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11572.85	56.22	74.00	-17.78	42.38	9.10	35.03	39.77	VERTICAL	255	100	Peak
2	11575.74	43.50	54.00	-10.50	29.66	9.10	35.03	39.77	VERTICAL	255	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15605.32	44.46	54.00	-9.54	30.20	10.76	34.75	38.25	HORIZONTAL	156	100	Average
2	15606.60	57.30	74.00	-16.70	43.04	10.76	34.75	38.25	HORIZONTAL	156	100	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	15624.87	57.72	74.00	-16.28	43.51	10.76	34.76	38.21	VERTICAL	76	100	Peak
2	15639.46	44.47	54.00	-9.53	30.27	10.76	34.77	38.21	VERTICAL	76	100	Average

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 31, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11558.81	56.62	74.00	-17.38	42.77	9.10	35.03	39.78	HORIZONTAL	143	100	Peak
2	11567.31	43.41	54.00	-10.59	29.58	9.10	35.03	39.76	HORIZONTAL	143	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11550.56	43.67	54.00	-10.33	29.83	9.10	35.03	39.77	VERTICAL	77	100	Average
2	11551.92	57.39	74.00	-16.61	43.55	9.10	35.03	39.77	VERTICAL	77	100	Peak

Note:

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

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15528.60	46.62	54.00	-7.38	30.31	12.58	38.45	34.72	178	195	Average	HORIZONTAL
2	15533.30	60.23	74.00	-13.77	43.92	12.58	38.45	34.72	178	195	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15518.60	46.79	54.00	-7.21	30.45	12.58	38.48	34.72	154	204	Average	VERTICAL
2	15546.60	60.46	74.00	-13.54	44.18	12.58	38.43	34.73	154	204	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15577.80	46.21	54.00	-7.79	29.99	12.58	38.38	34.74	235	217	Average	HORIZONTAL
2	15585.80	59.81	74.00	-14.19	43.59	12.58	38.38	34.74	235	217	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15583.30	60.28	74.00	-13.72	44.06	12.58	38.38	34.74	252	205	Peak	VERTICAL
2	15585.80	46.24	54.00	-7.76	30.02	12.58	38.38	34.74	252	205	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15716.60	60.81	74.00	-13.19	44.85	12.57	38.19	34.80	341	201	Peak	HORIZONTAL
2	15718.50	46.58	54.00	-7.42	30.62	12.57	38.19	34.80	341	201	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15711.80	61.19	74.00	-12.81	45.20	12.57	38.21	34.79	360	201	Peak	VERTICAL
2	15719.20	46.99	54.00	-7.01	31.03	12.57	38.19	34.80	360	201	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11509.40	55.19	74.00	-18.81	40.10	10.72	39.40	35.03	246	196	Peak	HORIZONTAL
2	11514.20	41.77	54.00	-12.23	26.68	10.72	39.40	35.03	246	196	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11469.60	55.34	74.00	-18.66	40.29	10.71	39.37	35.03	214	211	Peak	VERTICAL
2	11514.00	41.78	54.00	-12.22	26.69	10.72	39.40	35.03	214	211	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11582.00	56.99	74.00	-17.01	41.82	10.76	39.44	35.03	219	191	Peak	HORIZONTAL
2	11592.90	42.94	54.00	-11.06	27.76	10.76	39.45	35.03	219	191	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11580.80	56.87	74.00	-17.13	41.70	10.76	39.44	35.03	291	208	Peak	VERTICAL
2	11595.00	42.91	54.00	-11.09	27.73	10.76	39.45	35.03	291	208	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11667.30	44.01	54.00	-9.99	28.75	10.81	39.49	35.04	186	191	Average	HORIZONTAL
2	11669.40	57.25	74.00	-16.75	41.98	10.81	39.50	35.04	186	191	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11664.40	43.86	54.00	-10.14	28.60	10.81	39.49	35.04	92	214	Average	VERTICAL
2	11671.50	56.63	74.00	-17.37	41.36	10.81	39.50	35.04	92	214	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15548.10	60.23	74.00	-13.77	43.95	12.58	38.43	34.73	214	232	Peak	HORIZONTAL
2	15559.00	47.02	54.00	-6.98	30.74	12.58	38.43	34.73	214	232	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15546.60	60.15	74.00	-13.85	43.87	12.58	38.43	34.73	262	185	Peak	VERTICAL
2	15555.00	47.37	54.00	-6.63	31.09	12.58	38.43	34.73	262	185	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15561.60	47.33	54.00	-6.67	31.08	12.58	38.40	34.73	231	198	Average	HORIZONTAL
2	15573.30	60.26	74.00	-13.74	44.02	12.58	38.40	34.74	231	198	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15550.60	59.90	74.00	-14.10	43.62	12.58	38.43	34.73	174	185	Peak	VERTICAL
2	15555.50	47.28	54.00	-6.72	31.00	12.58	38.43	34.73	174	185	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11521.00	55.41	74.00	-18.59	40.30	10.73	39.41	35.03	287	169	Peak	HORIZONTAL
2	11530.40	42.87	54.00	-11.13	27.76	10.73	39.41	35.03	287	169	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11501.20	55.52	74.00	-18.48	40.43	10.72	39.40	35.03	223	208	Peak	VERTICAL
2	11531.40	42.90	54.00	-11.10	27.79	10.73	39.41	35.03	223	208	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11600.00	56.17	74.00	-17.83	40.96	10.78	39.46	35.03	312	222	Peak	HORIZONTAL
2	11605.30	43.91	54.00	-10.09	28.70	10.78	39.46	35.03	312	222	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11606.80	56.25	74.00	-17.75	41.04	10.78	39.46	35.03	338	189	Peak	VERTICAL
2	11613.20	44.12	54.00	-9.88	28.91	10.78	39.46	35.03	338	189	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15620.70	48.23	54.00	-5.77	32.08	12.58	38.33	34.76	274	207	Average	HORIZONTAL
2	15649.20	60.23	74.00	-13.77	44.14	12.58	38.28	34.77	274	207	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15611.00	60.21	74.00	-13.79	44.02	12.58	38.36	34.75	296	198	Peak	VERTICAL
2	15636.40	48.39	54.00	-5.61	32.26	12.58	38.31	34.76	296	198	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11557.70	56.37	74.00	-17.63	41.22	10.75	39.43	35.03	285	193	Peak	HORIZONTAL
2	11573.20	44.55	54.00	-9.45	29.38	10.76	39.44	35.03	285	193	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11570.10	56.54	74.00	-17.46	41.37	10.76	39.44	35.03	322	199	Peak	VERTICAL
2	11570.60	44.75	54.00	-9.25	29.58	10.76	39.44	35.03	322	199	Average	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15515.70	46.87	54.00	-7.13	30.52	12.58	38.48	34.71	228	226	Average	HORIZONTAL
2	15541.40	60.25	74.00	-13.75	43.95	12.58	38.45	34.73	228	226	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15516.50	46.74	54.00	-7.26	30.40	12.58	38.48	34.72	328	204	Average	VERTICAL
2	15533.60	60.11	74.00	-13.89	43.80	12.58	38.45	34.72	328	204	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15577.20	46.30	54.00	-7.70	30.06	12.58	38.40	34.74	319	182	Average	HORIZONTAL
2	15603.90	59.24	74.00	-14.76	43.05	12.58	38.36	34.75	319	182	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15586.20	46.25	54.00	-7.75	30.03	12.58	38.38	34.74	356	201	Average	VERTICAL
2	15598.10	59.74	74.00	-14.26	43.55	12.58	38.36	34.75	356	201	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15721.50	47.01	54.00	-6.99	31.05	12.57	38.19	34.80	341	201	Average	HORIZONTAL
2	15725.30	60.38	74.00	-13.62	44.42	12.57	38.19	34.80	341	201	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15711.20	60.58	74.00	-13.42	44.59	12.57	38.21	34.79	341	207	Peak	VERTICAL
2	15716.30	47.06	54.00	-6.94	31.10	12.57	38.19	34.80	341	207	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11508.20	55.09	74.00	-18.91	40.00	10.72	39.40	35.03	279	185	Peak	HORIZONTAL
2	11511.10	41.79	54.00	-12.21	26.70	10.72	39.40	35.03	279	185	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11510.80	41.76	54.00	-12.24	26.67	10.72	39.40	35.03	304	161	Average	VERTICAL
2	11514.90	55.81	74.00	-18.19	40.71	10.72	39.41	35.03	304	161	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11566.00	56.12	74.00	-17.88	40.96	10.75	39.44	35.03	247	208	Peak	HORIZONTAL
2	11592.70	42.97	54.00	-11.03	27.79	10.76	39.45	35.03	247	208	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11567.40	56.84	74.00	-17.16	41.68	10.75	39.44	35.03	336	192	Peak	VERTICAL
2	11592.60	42.93	54.00	-11.07	27.75	10.76	39.45	35.03	336	192	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11664.20	56.86	74.00	-17.14	41.60	10.81	39.49	35.04	200	178	Peak	HORIZONTAL
2	11670.00	43.86	54.00	-10.14	28.59	10.81	39.50	35.04	200	178	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11664.70	43.76	54.00	-10.24	28.50	10.81	39.49	35.04	158	219	Average	VERTICAL
2	11666.50	56.94	74.00	-17.06	41.68	10.81	39.49	35.04	158	219	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15557.80	47.37	54.00	-6.63	31.09	12.58	38.43	34.73	312	184	Average	HORIZONTAL
2	15563.80	60.53	74.00	-13.47	44.28	12.58	38.40	34.73	312	184	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15557.60	47.46	54.00	-6.54	31.18	12.58	38.43	34.73	294	201	Average	VERTICAL
2	15572.10	60.65	74.00	-13.35	44.41	12.58	38.40	34.74	294	201	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15670.20	46.70	54.00	-7.30	30.64	12.58	38.26	34.78	255	208	Average	HORIZONTAL
2	15700.40	59.53	74.00	-14.47	43.53	12.58	38.21	34.79	255	208	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15680.10	46.68	54.00	-7.32	30.65	12.58	38.23	34.78	351	197	Average	VERTICAL
2	15711.00	59.17	74.00	-14.83	43.18	12.57	38.21	34.79	351	197	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11525.10	55.82	74.00	-18.18	40.71	10.73	39.41	35.03	256	184	Peak	HORIZONTAL
2	11534.40	43.16	54.00	-10.84	28.04	10.73	39.42	35.03	256	184	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11527.80	55.94	74.00	-18.06	40.83	10.73	39.41	35.03	286	217	Peak	VERTICAL
2	11533.60	43.28	54.00	-10.72	28.16	10.73	39.42	35.03	286	217	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11605.00	56.82	74.00	-17.18	41.61	10.78	39.46	35.03	289	202	Peak	HORIZONTAL
2	11605.60	44.22	54.00	-9.78	29.01	10.78	39.46	35.03	289	202	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11603.70	56.59	74.00	-17.41	41.38	10.78	39.46	35.03	281	207	Peak	VERTICAL
2	11612.20	44.31	54.00	-9.69	29.10	10.78	39.46	35.03	281	207	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15607.20	59.57	74.00	-14.43	43.38	12.58	38.36	34.75	326	210	Peak	HORIZONTAL
2	15610.20	47.93	54.00	-6.07	31.74	12.58	38.36	34.75	326	210	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15611.90	48.02	54.00	-5.98	31.86	12.58	38.33	34.75	305	194	Average	VERTICAL
2	15633.80	60.04	74.00	-13.96	43.91	12.58	38.31	34.76	305	194	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Jan. 02, 2015		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11559.10	44.66	54.00	-9.34	29.51	10.75	39.43	35.03	212	178	Average	HORIZONTAL
2	11560.70	56.10	74.00	-17.90	40.95	10.75	39.43	35.03	212	178	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11572.60	56.14	74.00	-17.86	40.97	10.76	39.44	35.03	141	206	Peak	VERTICAL
2	11573.40	44.78	54.00	-9.22	29.61	10.76	39.44	35.03	141	206	Average	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15532.40	48.04	54.00	-5.96	31.73	12.58	38.45	34.72	225	100	Average	HORIZONTAL
2	15534.04	62.19	74.00	-11.81	45.88	12.58	38.45	34.72	225	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.64	48.01	54.00	-5.99	31.70	12.58	38.45	34.72	284	100	Average	VERTICAL
2	15544.80	62.22	74.00	-11.78	45.94	12.58	38.43	34.73	284	100	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15595.56	60.75	74.00	-13.25	44.56	12.58	38.36	34.75	233	100	Peak	HORIZONTAL
2	15596.24	47.17	54.00	-6.83	30.98	12.58	38.36	34.75	233	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15592.64	47.35	54.00	-6.65	31.14	12.58	38.38	34.75	210	100	Average	VERTICAL
2	15604.96	61.12	74.00	-12.88	44.93	12.58	38.36	34.75	210	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15711.12	60.90	74.00	-13.10	44.91	12.57	38.21	34.79	222	100	Peak	HORIZONTAL
2	15713.60	46.76	54.00	-7.24	30.80	12.57	38.19	34.80	222	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15717.40	61.00	74.00	-13.00	45.04	12.57	38.19	34.80	158	100	Peak	VERTICAL
2	15722.40	46.84	54.00	-7.16	30.88	12.57	38.19	34.80	158	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.60	42.53	54.00	-11.47	27.46	10.71	39.39	35.03	211	101	Average	HORIZONTAL
2	11496.00	55.88	74.00	-18.12	40.80	10.72	39.39	35.03	211	101	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11492.88	56.69	74.00	-17.31	41.62	10.71	39.39	35.03	281	100	Peak	VERTICAL
2	11499.80	42.57	54.00	-11.43	27.48	10.72	39.40	35.03	281	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11569.92	56.01	74.00	-17.99	40.84	10.76	39.44	35.03	244	100	Peak	HORIZONTAL
2	11574.60	43.00	54.00	-11.00	27.83	10.76	39.44	35.03	244	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11574.52	43.08	54.00	-10.92	27.91	10.76	39.44	35.03	280	101	Average	VERTICAL
2	11579.12	56.65	74.00	-17.35	41.48	10.76	39.44	35.03	280	101	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11652.44	57.01	74.00	-16.99	41.75	10.81	39.49	35.04	176	100	Peak	HORIZONTAL
2	11657.68	43.71	54.00	-10.29	28.45	10.81	39.49	35.04	176	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11654.92	57.91	74.00	-16.09	42.65	10.81	39.49	35.04	225	100	Peak	VERTICAL
2	11657.80	43.67	54.00	-10.33	28.41	10.81	39.49	35.04	225	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15562.64	48.44	54.00	-5.56	32.19	12.58	38.40	34.73	243	100	Average	HORIZONTAL
2	15563.08	62.43	74.00	-11.57	46.18	12.58	38.40	34.73	243	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15574.36	61.22	74.00	-12.78	44.98	12.58	38.40	34.74	264	100	Peak	VERTICAL
2	15579.52	48.34	54.00	-5.66	32.12	12.58	38.38	34.74	264	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 46 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15681.88	60.76	74.00	-13.24	44.73	12.58	38.23	34.78	196	100	Peak	HORIZONTAL
2	15685.80	47.97	54.00	-6.03	31.94	12.58	38.23	34.78	196	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15689.28	60.17	74.00	-13.83	44.15	12.58	38.23	34.79	284	100	Peak	VERTICAL
2	15697.64	47.94	54.00	-6.06	31.94	12.58	38.21	34.79	284	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11510.56	43.48	54.00	-10.52	28.39	10.72	39.40	35.03	222	100	Average	HORIZONTAL
2	11510.72	56.49	74.00	-17.51	41.40	10.72	39.40	35.03	222	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11500.36	56.96	74.00	-17.04	41.87	10.72	39.40	35.03	169	100	Peak	VERTICAL
2	11515.28	43.43	54.00	-10.57	28.33	10.72	39.41	35.03	169	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11594.40	43.80	54.00	-10.20	28.62	10.76	39.45	35.03	259	100	Average	HORIZONTAL
2	11600.00	56.61	74.00	-17.39	41.40	10.78	39.46	35.03	259	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11593.80	56.89	74.00	-17.11	41.71	10.76	39.45	35.03	295	100	Peak	VERTICAL
2	11599.68	43.84	54.00	-10.16	28.63	10.78	39.46	35.03	295	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15624.44	47.98	54.00	-6.02	31.83	12.58	38.33	34.76	162	100	Average	HORIZONTAL
2	15627.92	60.64	74.00	-13.36	44.49	12.58	38.33	34.76	162	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15621.16	60.58	74.00	-13.42	44.43	12.58	38.33	34.76	194	100	Peak	VERTICAL
2	15632.40	47.86	54.00	-6.14	31.73	12.58	38.31	34.76	194	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 4 + Chain 5
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.26	49.23	54.00	-4.77	42.56	6.17	34.09	33.59	26	190	Average	HORIZONTAL
2	5133.35	53.86	74.00	-20.14	47.19	6.17	34.09	33.59	26	190	Peak	HORIZONTAL
3	11554.64	56.55	74.00	-17.45	41.40	10.75	39.43	35.03	266	101	Peak	HORIZONTAL
4	11559.04	43.74	54.00	-10.26	28.59	10.75	39.43	35.03	266	101	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.24	49.15	54.00	-4.85	42.48	6.17	34.09	33.59	18	174	Average	VERTICAL
2	5133.24	54.50	74.00	-19.50	47.83	6.17	34.09	33.59	18	174	Peak	VERTICAL
3	11555.96	56.96	74.00	-17.04	41.81	10.75	39.43	35.03	253	101	Peak	VERTICAL
4	11559.00	43.60	54.00	-10.40	28.45	10.75	39.43	35.03	253	101	Average	VERTICAL

Note:

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

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

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15534.80	47.81	54.00	-6.19	31.50	12.58	38.45	34.72	254	100	Average	HORIZONTAL
2	15542.44	61.07	74.00	-12.93	44.77	12.58	38.45	34.73	254	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15530.32	61.11	74.00	-12.89	44.80	12.58	38.45	34.72	280	100	Peak	VERTICAL
2	15535.24	47.74	54.00	-6.26	31.43	12.58	38.45	34.72	280	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15591.32	60.93	74.00	-13.07	44.72	12.58	38.38	34.75	156	100	Peak	HORIZONTAL
2	15595.32	47.36	54.00	-6.64	31.17	12.58	38.36	34.75	156	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15601.16	47.32	54.00	-6.68	31.13	12.58	38.36	34.75	189	100	Average	VERTICAL
2	15604.76	60.04	74.00	-13.96	43.85	12.58	38.36	34.75	189	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15714.16	46.94	54.00	-7.06	30.98	12.57	38.19	34.80	233	100	Average	HORIZONTAL
2	15729.88	61.37	74.00	-12.63	45.41	12.57	38.19	34.80	233	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15720.36	60.05	74.00	-13.95	44.09	12.57	38.19	34.80	250	100	Peak	VERTICAL
2	15726.60	46.93	54.00	-7.07	30.97	12.57	38.19	34.80	250	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11490.08	42.52	54.00	-11.48	27.45	10.71	39.39	35.03	262	100	Average	HORIZONTAL
2	11498.88	55.42	74.00	-18.58	40.33	10.72	39.40	35.03	262	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11489.12	42.47	54.00	-11.53	27.40	10.71	39.39	35.03	320	100	Average	VERTICAL
2	11492.16	56.53	74.00	-17.47	41.46	10.71	39.39	35.03	320	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11574.00	43.01	54.00	-10.99	27.84	10.76	39.44	35.03	178	100	Average	HORIZONTAL
2	11574.40	56.02	74.00	-17.98	40.85	10.76	39.44	35.03	178	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11565.60	55.84	74.00	-18.16	40.68	10.75	39.44	35.03	194	100	Peak	VERTICAL
2	11574.28	42.94	54.00	-11.06	27.77	10.76	39.44	35.03	194	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11649.96	56.66	74.00	-17.34	41.41	10.81	39.48	35.04	214	100	Peak	HORIZONTAL
2	11655.20	43.49	54.00	-10.51	28.23	10.81	39.49	35.04	214	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11657.36	56.44	74.00	-17.56	41.18	10.81	39.49	35.04	226	100	Peak	VERTICAL
2	11658.00	43.48	54.00	-10.52	28.22	10.81	39.49	35.04	226	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15570.44	48.25	54.00	-5.75	32.01	12.58	38.40	34.74	224	100	Average	HORIZONTAL
2	15578.88	61.00	74.00	-13.00	44.78	12.58	38.38	34.74	224	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15565.16	48.27	54.00	-5.73	32.02	12.58	38.40	34.73	196	100	Average	VERTICAL
2	15570.60	60.95	74.00	-13.05	44.71	12.58	38.40	34.74	196	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15687.40	47.67	54.00	-6.33	31.64	12.58	38.23	34.78	272	100	Average	HORIZONTAL
2	15699.84	60.73	74.00	-13.27	44.73	12.58	38.21	34.79	272	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15689.56	60.33	74.00	-13.67	44.31	12.58	38.23	34.79	296	100	Peak	VERTICAL
2	15698.64	47.58	54.00	-6.42	31.58	12.58	38.21	34.79	296	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11501.76	56.27	74.00	-17.73	41.18	10.72	39.40	35.03	186	100	Peak	HORIZONTAL
2	11510.08	43.22	54.00	-10.78	28.13	10.72	39.40	35.03	186	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11500.96	43.23	54.00	-10.77	28.14	10.72	39.40	35.03	223	100	Average	VERTICAL
2	11515.80	56.13	74.00	-17.87	41.03	10.72	39.41	35.03	223	100	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11597.60	56.72	74.00	-17.28	41.52	10.78	39.45	35.03	237	100	Peak	HORIZONTAL
2	11600.00	43.67	54.00	-10.33	28.46	10.78	39.46	35.03	237	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11585.24	56.94	74.00	-17.06	41.76	10.76	39.45	35.03	254	100	Peak	VERTICAL
2	11588.64	43.61	54.00	-10.39	28.43	10.76	39.45	35.03	254	100	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15623.72	48.88	54.00	-5.12	32.73	12.58	38.33	34.76	243	100	Average	HORIZONTAL
2	15628.52	61.25	74.00	-12.75	45.12	12.58	38.31	34.76	243	100	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15631.00	60.58	74.00	-13.42	44.45	12.58	38.31	34.76	258	100	Peak	VERTICAL
2	15639.08	48.69	54.00	-5.31	32.57	12.58	38.31	34.77	258	100	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 30, 2014		
Test Mode	Mode 3: (Ant.9 CROSS-POLARIZED PANEL ANTENNA / Chain 4: 8.3, Chain 5: 5.9, Chain 6: 8.2dBi / 3TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.27	48.02	54.00	-5.98	41.35	6.17	34.09	33.59	47	206	Average	HORIZONTAL
2	5133.29	53.38	74.00	-20.62	46.71	6.17	34.09	33.59	47	206	Peak	HORIZONTAL
3	11548.88	56.34	74.00	-17.66	41.19	10.75	39.43	35.03	179	100	Peak	HORIZONTAL
4	11549.08	44.32	54.00	-9.68	29.17	10.75	39.43	35.03	179	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5133.24	57.75	74.00	-16.25	51.08	6.17	34.09	33.59	22	207	Peak	VERTICAL
2	5133.27	52.83	54.00	-1.17	46.16	6.17	34.09	33.59	22	207	Average	VERTICAL
3	11546.24	44.42	54.00	-9.58	29.28	10.75	39.42	35.03	189	100	Average	VERTICAL
4	11557.44	56.84	74.00	-17.16	41.69	10.75	39.43	35.03	189	100	Peak	VERTICAL

Note:

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

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

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

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.15-5.25 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 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

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

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

4.7.2. Measuring Instruments and Setting

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

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

4.7.3. Test Procedures

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

4.7.4. Test Setup Layout

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

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

For Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

The EUT was programmed to be in beamforming transmitting mode.

For STBC mode:

The EUT was programmed to be in continuously transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

For Band 1 and Band 4 (Master and client without radar detection):

<For Non-Beamforming Mode>

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 5
Test Date	Dec. 27, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.00	68.77	74.00	-5.23	62.03	6.21	34.11	33.58	151	167	Peak	VERTICAL
2	5150.00	52.64	54.00	-1.36	45.90	6.21	34.11	33.58	151	167	Average	VERTICAL
3	5181.80	102.15			95.32	6.24	34.16	33.57	151	167	Average	VERTICAL
4	5181.80	112.91			106.08	6.24	34.16	33.57	151	167	Peak	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.80	67.85	74.00	-6.15	61.11	6.21	34.11	33.58	152	158	Peak	VERTICAL
2	5150.00	52.67	54.00	-1.33	45.93	6.21	34.11	33.58	152	158	Average	VERTICAL
3	5198.20	115.57			108.68	6.27	34.18	33.56	152	158	Peak	VERTICAL
4	5201.20	105.21			98.32	6.27	34.18	33.56	152	158	Average	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5120.60	50.52	54.00	-3.48	43.88	6.17	34.06	33.59	150	161	Average	VERTICAL
2	5120.60	63.26	74.00	-10.74	56.62	6.17	34.06	33.59	150	161	Peak	VERTICAL
3	5240.60	115.89			108.91	6.30	34.23	33.55	150	161	Peak	VERTICAL
4	5241.20	105.62			98.64	6.30	34.23	33.55	150	161	Average	VERTICAL
5	5356.60	64.44	74.00	-9.56	57.08	6.47	34.39	33.50	150	161	Peak	VERTICAL
6	5362.60	52.68	54.00	-1.32	45.30	6.47	34.41	33.50	150	161	Average	VERTICAL

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 5
Test Date	Dec. 27, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 149

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.60	66.95	68.20	-1.25	58.82	6.83	34.68	33.38	155	152	Peak	VERTICAL
2	5724.20	74.39	78.20	-3.81	66.24	6.83	34.69	33.37	155	152	Peak	VERTICAL
3	5746.20	99.52			91.33	6.86	34.70	33.37	155	152	Average	VERTICAL
4	5747.00	109.54			101.35	6.86	34.70	33.37	155	152	Peak	VERTICAL

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

Channel 157

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5708.60	66.97	68.20	-1.23	58.84	6.83	34.68	33.38	147	156	Peak	VERTICAL
2	5724.20	71.13	78.20	-7.07	62.98	6.83	34.69	33.37	147	156	Peak	VERTICAL
3	5779.40	116.73			108.49	6.88	34.71	33.35	147	156	Peak	VERTICAL
4	5787.40	106.51			98.24	6.90	34.72	33.35	147	156	Average	VERTICAL
5	5850.80	71.46	78.20	-6.74	63.10	6.95	34.74	33.33	147	156	Peak	VERTICAL
6	5861.60	65.12	68.20	-3.08	56.74	6.97	34.74	33.33	147	156	Peak	VERTICAL

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

Channel 165

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5826.20	100.61			92.30	6.92	34.73	33.34	151	167	Average	VERTICAL
2	5827.80	111.51			103.20	6.92	34.73	33.34	151	167	Peak	VERTICAL
3	5850.40	74.68	78.20	-3.52	66.32	6.95	34.74	33.33	151	167	Peak	VERTICAL
4	5864.40	66.82	68.20	-1.38	58.44	6.97	34.74	33.33	151	167	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 5
Test Date	Dec. 27, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5145.20	71.76	74.00	-2.24	65.02	6.21	34.11	33.58	153	156	Peak	VERTICAL
2	5150.00	52.93	54.00	-1.07	46.19	6.21	34.11	33.58	153	156	Average	VERTICAL
3	5186.40	95.69			88.86	6.24	34.16	33.57	153	156	Average	VERTICAL
4	5187.60	107.03			100.20	6.24	34.16	33.57	153	156	Peak	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5138.00	66.14	74.00	-7.86	59.47	6.17	34.09	33.59	154	163	Peak	VERTICAL
2	5148.00	52.54	54.00	-1.46	45.80	6.21	34.11	33.58	154	163	Average	VERTICAL
3	5234.00	114.07			107.09	6.30	34.23	33.55	154	163	Peak	VERTICAL
4	5235.00	101.76			94.78	6.30	34.23	33.55	154	163	Average	VERTICAL
5	5352.00	50.62	54.00	-3.38	43.27	6.47	34.39	33.51	154	163	Average	VERTICAL
6	5361.00	64.27	74.00	-9.73	56.89	6.47	34.41	33.50	154	163	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 5
Test Date	Dec. 27, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 151

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5709.40	66.89	68.20	-1.31	58.76	6.83	34.68	33.38	148	163	Peak	VERTICAL
2	5724.20	72.01	78.20	-6.19	63.86	6.83	34.69	33.37	148	163	Peak	VERTICAL
3	5758.20	96.33			88.11	6.88	34.70	33.36	148	163	Average	VERTICAL
4	5759.00	107.00			98.78	6.88	34.70	33.36	148	163	Peak	VERTICAL

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

Channel 159

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5789.00	109.13			100.86	6.90	34.72	33.35	152	168	Peak	VERTICAL
2	5791.00	98.03			89.76	6.90	34.72	33.35	152	168	Average	VERTICAL
3	5856.40	70.35	78.20	-7.85	61.99	6.95	34.74	33.33	152	168	Peak	VERTICAL
4	5865.60	66.71	68.20	-1.49	58.32	6.97	34.74	33.32	152	168	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5795 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 5
Test Date	Dec. 27, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 1TX)		

Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5134.00	70.03	74.00	-3.97	63.36	6.17	34.09	33.59	148	170	Peak	VERTICAL
2	5145.00	52.80	54.00	-1.20	46.06	6.21	34.11	33.58	148	170	Average	VERTICAL
3	5182.00	103.77			96.94	6.24	34.16	33.57	148	170	Peak	VERTICAL
4	5184.00	93.18			86.35	6.24	34.16	33.57	148	170	Average	VERTICAL
5	5350.00	48.91	54.00	-5.09	41.56	6.47	34.39	33.51	148	170	Average	VERTICAL
6	5363.00	61.05	74.00	-12.95	53.67	6.47	34.41	33.50	148	170	Peak	VERTICAL

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

Channel 155

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.00	66.96	68.20	-1.24	58.83	6.83	34.68	33.38	154	160	Peak	VERTICAL
2	5722.00	71.22	78.20	-6.98	63.07	6.83	34.69	33.37	154	160	Peak	VERTICAL
3	5787.00	103.28			95.01	6.90	34.72	33.35	154	160	Peak	VERTICAL
4	5788.00	92.45			84.18	6.90	34.72	33.35	154	160	Average	VERTICAL
5	5853.00	67.60	78.20	-10.60	59.24	6.95	34.74	33.33	154	160	Peak	VERTICAL
6	5863.00	64.82	68.20	-3.38	56.44	6.97	34.74	33.33	154	160	Peak	VERTICAL

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

Note:

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 4 + Chain 5
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.00	68.03	74.00	-5.97	61.29	6.21	34.11	33.58	211	191	Peak	VERTICAL
2	5150.00	52.59	54.00	-1.41	45.85	6.21	34.11	33.58	211	191	Average	VERTICAL
3	5177.00	103.83			97.00	6.24	34.16	33.57	211	191	Average	VERTICAL
4	5177.00	114.44			107.61	6.24	34.16	33.57	211	191	Peak	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.00	66.38	74.00	-7.62	59.69	6.17	34.11	33.59	196	129	Peak	VERTICAL
2	5150.00	52.44	54.00	-1.56	45.70	6.21	34.11	33.58	196	129	Average	VERTICAL
3	5204.00	116.79			109.90	6.27	34.18	33.56	196	129	Peak	VERTICAL
4	5206.00	106.43			99.54	6.27	34.18	33.56	196	129	Average	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5112.00	60.11	74.00	-13.89	53.51	6.14	34.06	33.60	197	201	Peak	VERTICAL
2	5119.00	48.34	54.00	-5.66	41.70	6.17	34.06	33.59	197	201	Average	VERTICAL
3	5239.00	107.68			100.70	6.30	34.23	33.55	197	201	Average	VERTICAL
4	5241.00	118.50			111.52	6.30	34.23	33.55	197	201	Peak	VERTICAL
5	5359.00	52.94	54.00	-1.06	45.58	6.47	34.39	33.50	197	201	Average	VERTICAL
6	5359.00	64.46	74.00	-9.54	57.10	6.47	34.39	33.50	197	201	Peak	VERTICAL

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 4 + Chain 5
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 149

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	66.80	68.20	-1.40	58.67	6.83	34.68	33.38	141	162	Peak	VERTICAL
2	5724.00	72.18	78.20	-6.02	64.03	6.83	34.69	33.37	141	162	Peak	VERTICAL
3	5738.00	102.56			94.37	6.86	34.70	33.37	141	162	Average	VERTICAL
4	5746.00	113.14			104.95	6.86	34.70	33.37	141	162	Peak	VERTICAL

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

Channel 157

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.00	66.86	68.20	-1.34	58.73	6.83	34.68	33.38	220	150	Peak	VERTICAL
2	5722.00	67.69	78.20	-10.51	59.54	6.83	34.69	33.37	220	150	Peak	VERTICAL
3	5781.00	118.58			110.34	6.88	34.71	33.35	220	150	Peak	VERTICAL
4	5784.00	108.29			100.03	6.90	34.71	33.35	220	150	Average	VERTICAL
5	5850.00	70.25	78.20	-7.95	61.89	6.95	34.74	33.33	220	150	Peak	VERTICAL
6	5864.00	66.17	68.20	-2.03	57.79	6.97	34.74	33.33	220	150	Peak	VERTICAL

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

Channel 165

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5782.00	108.41			100.15	6.90	34.71	33.35	154	154	Average	VERTICAL
2	5787.00	118.48			110.21	6.90	34.72	33.35	154	154	Peak	VERTICAL
3	5850.00	71.51	78.20	-6.69	63.15	6.95	34.74	33.33	154	154	Peak	VERTICAL
4	5860.00	67.12	68.20	-1.08	58.74	6.97	34.74	33.33	154	154	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 4 + Chain 5
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.00	67.74	74.00	-6.26	61.00	6.21	34.11	33.58	195	139	Peak	VERTICAL
2	5149.00	52.64	54.00	-1.36	45.90	6.21	34.11	33.58	195	139	Average	VERTICAL
3	5194.00	97.91			91.05	6.24	34.18	33.56	195	139	Average	VERTICAL
4	5194.00	107.41			100.55	6.24	34.18	33.56	195	139	Peak	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.00	64.86	74.00	-9.14	58.12	6.21	34.11	33.58	204	189	Peak	VERTICAL
2	5149.00	52.81	54.00	-1.19	46.07	6.21	34.11	33.58	204	189	Average	VERTICAL
3	5234.00	114.68			107.70	6.30	34.23	33.55	204	189	Peak	VERTICAL
4	5242.00	105.21			98.21	6.30	34.25	33.55	204	189	Average	VERTICAL
5	5362.00	51.95	54.00	-2.05	44.57	6.47	34.41	33.50	204	189	Average	VERTICAL
6	5364.00	64.25	74.00	-9.75	56.87	6.47	34.41	33.50	204	189	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 4 + Chain 5
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 151

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5693.00	66.68	68.20	-1.52	58.57	6.81	34.68	33.38	137	154	Peak	VERTICAL
2	5725.00	74.45	78.20	-3.75	66.30	6.83	34.69	33.37	137	154	Peak	VERTICAL
3	5761.00	100.16			91.94	6.88	34.70	33.36	137	154	Average	VERTICAL
4	5763.00	109.76			101.54	6.88	34.70	33.36	137	154	Peak	VERTICAL

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

Channel 159

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.00	62.38	68.20	-5.82	54.25	6.83	34.68	33.38	213	161	Peak	VERTICAL
2	5723.00	67.41	78.20	-10.79	59.26	6.83	34.69	33.37	213	161	Peak	VERTICAL
3	5798.00	101.20			92.93	6.90	34.72	33.35	213	161	Average	VERTICAL
4	5798.00	110.86			102.59	6.90	34.72	33.35	213	161	Peak	VERTICAL
5	5854.00	71.91	78.20	-6.29	63.55	6.95	34.74	33.33	213	161	Peak	VERTICAL
6	5863.00	67.09	68.20	-1.11	58.71	6.97	34.74	33.33	213	161	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 4 + Chain 5
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 2TX)		

Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.00	69.17	74.00	-4.83	62.43	6.21	34.11	33.58	198	203	Peak	VERTICAL
2	5150.00	52.57	54.00	-1.43	45.83	6.21	34.11	33.58	198	203	Average	VERTICAL
3	5221.00	99.09			92.14	6.30	34.20	33.55	198	203	Average	VERTICAL
4	5221.00	108.48			101.53	6.30	34.20	33.55	198	203	Peak	VERTICAL
5	5354.00	50.49	54.00	-3.51	43.13	6.47	34.39	33.50	198	203	Average	VERTICAL
6	5376.00	61.88	74.00	-12.12	54.47	6.50	34.41	33.50	198	203	Peak	VERTICAL

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

Channel 155

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5709.00	67.08	68.20	-1.12	58.95	6.83	34.68	33.38	140	198	Peak	VERTICAL
2	5725.00	71.56	78.20	-6.64	63.41	6.83	34.69	33.37	140	198	Peak	VERTICAL
3	5781.00	97.39			89.15	6.88	34.71	33.35	140	198	Average	VERTICAL
4	5783.00	107.41			99.15	6.90	34.71	33.35	140	198	Peak	VERTICAL
5	5857.00	69.33	78.20	-8.87	60.97	6.95	34.74	33.33	140	198	Peak	VERTICAL
6	5860.00	66.39	68.20	-1.81	58.01	6.97	34.74	33.33	140	198	Peak	VERTICAL

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

Note:

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5149.00	68.50	74.00	-5.50	61.76	6.21	34.11	33.58	214	146	Peak	VERTICAL
2	5150.00	52.90	54.00	-1.10	46.16	6.21	34.11	33.58	214	146	Average	VERTICAL
3	5180.00	103.31			96.48	6.24	34.16	33.57	214	146	Average	VERTICAL
4	5185.00	113.23			106.40	6.24	34.16	33.57	214	146	Peak	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5116.00	52.96	54.00	-1.04	46.35	6.14	34.06	33.59	196	149	Average	VERTICAL
2	5141.00	67.91	74.00	-6.09	61.22	6.17	34.11	33.59	196	149	Peak	VERTICAL
3	5196.00	118.06			111.17	6.27	34.18	33.56	196	149	Peak	VERTICAL
4	5201.00	107.55			100.66	6.27	34.18	33.56	196	149	Average	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5121.00	48.63	54.00	-5.37	41.99	6.17	34.06	33.59	194	203	Average	VERTICAL
2	5121.00	60.18	74.00	-13.82	53.54	6.17	34.06	33.59	194	203	Peak	VERTICAL
3	5241.00	109.38			102.40	6.30	34.23	33.55	194	203	Average	VERTICAL
4	5241.00	119.87			112.89	6.30	34.23	33.55	194	203	Peak	VERTICAL
5	5361.00	52.72	54.00	-1.28	45.34	6.47	34.41	33.50	194	203	Average	VERTICAL
6	5366.00	64.01	74.00	-9.99	56.63	6.47	34.41	33.50	194	203	Peak	VERTICAL

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 149

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	66.58	68.20	-1.62	58.45	6.83	34.68	33.38	140	169	Peak	VERTICAL
2	5720.00	75.67	78.20	-2.53	67.52	6.83	34.69	33.37	140	169	Peak	VERTICAL
3	5746.00	103.42			95.23	6.86	34.70	33.37	140	169	Average	VERTICAL
4	5746.00	113.59			105.40	6.86	34.70	33.37	140	169	Peak	VERTICAL

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

Channel 157

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5699.00	65.26	68.20	-2.94	57.15	6.81	34.68	33.38	218	186	Peak	VERTICAL
2	5724.00	65.13	78.20	-13.07	56.98	6.83	34.69	33.37	218	186	Peak	VERTICAL
3	5784.00	108.99			100.73	6.90	34.71	33.35	218	186	Average	VERTICAL
4	5784.00	119.51			111.25	6.90	34.71	33.35	218	186	Peak	VERTICAL
5	5852.00	65.60	78.20	-12.60	57.24	6.95	34.74	33.33	218	186	Peak	VERTICAL
6	5869.00	66.88	68.20	-1.32	58.49	6.97	34.74	33.32	218	186	Peak	VERTICAL

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

Channel 165

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5824.00	105.77			97.46	6.92	34.73	33.34	220	174	Average	VERTICAL
2	5824.00	116.20			107.89	6.92	34.73	33.34	220	174	Peak	VERTICAL
3	5850.00	75.04	78.20	-3.16	66.68	6.95	34.74	33.33	220	174	Peak	VERTICAL
4	5860.00	66.91	68.20	-1.29	58.53	6.97	34.74	33.33	220	174	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	52.89	54.00	-1.11	46.15	6.21	34.11	33.58	210	138	Average	VERTICAL
2	5150.00	65.48	74.00	-8.52	58.74	6.21	34.11	33.58	210	138	Peak	VERTICAL
3	5195.00	99.36			92.47	6.27	34.18	33.56	210	138	Average	VERTICAL
4	5195.00	109.00			102.11	6.27	34.18	33.56	210	138	Peak	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	52.91	54.00	-1.09	46.17	6.21	34.11	33.58	214	195	Average	VERTICAL
2	5150.00	66.22	74.00	-7.78	59.48	6.21	34.11	33.58	214	195	Peak	VERTICAL
3	5236.00	104.67			97.69	6.30	34.23	33.55	214	195	Average	VERTICAL
4	5245.00	114.29			107.29	6.30	34.25	33.55	214	195	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 151

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	67.16	68.20	-1.04	59.03	6.83	34.68	33.38	139	163	Peak	VERTICAL
2	5721.00	71.14	78.20	-7.06	62.99	6.83	34.69	33.37	139	163	Peak	VERTICAL
3	5741.00	99.61			91.42	6.86	34.70	33.37	139	163	Average	VERTICAL
4	5751.00	109.29			101.09	6.86	34.70	33.36	139	163	Peak	VERTICAL

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

Channel 159

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	66.00	68.20	-2.20	57.87	6.83	34.68	33.38	188	177	Peak	VERTICAL
2	5721.00	67.41	78.20	-10.79	59.26	6.83	34.69	33.37	188	177	Peak	VERTICAL
3	5781.00	104.06			95.82	6.88	34.71	33.35	188	177	Average	VERTICAL
4	5791.00	113.76			105.49	6.90	34.72	33.35	188	177	Peak	VERTICAL
5	5850.00	73.52	78.20	-4.68	65.16	6.95	34.74	33.33	188	177	Peak	VERTICAL
6	5863.00	66.97	68.20	-1.23	58.59	6.97	34.74	33.33	188	177	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 4 + Chain 5 + Chain 6
Test Date	Dec. 28, 2014		
Test Mode	Mode 1: (Ant.2 Dipole antenna / 7.3dBi / 3TX)		

Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5142.00	52.87	54.00	-1.13	46.17	6.17	34.11	33.58	195	210	Average	VERTICAL
2	5142.00	67.44	74.00	-6.56	60.74	6.17	34.11	33.58	195	210	Peak	VERTICAL
3	5236.00	99.88			92.90	6.30	34.23	33.55	195	210	Average	VERTICAL
4	5246.00	109.01			101.97	6.34	34.25	33.55	195	210	Peak	VERTICAL
5	5357.00	49.96	54.00	-4.04	42.60	6.47	34.39	33.50	195	210	Average	VERTICAL
6	5357.00	61.27	74.00	-12.73	53.91	6.47	34.39	33.50	195	210	Peak	VERTICAL

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

Channel 155

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5706.00	66.97	68.20	-1.23	58.84	6.83	34.68	33.38	192	166	Peak	VERTICAL
2	5721.00	74.03	78.20	-4.17	65.88	6.83	34.69	33.37	192	166	Peak	VERTICAL
3	5781.00	99.81			91.57	6.88	34.71	33.35	192	166	Average	VERTICAL
4	5781.00	109.42			101.18	6.88	34.71	33.35	192	166	Peak	VERTICAL
5	5851.00	69.77	78.20	-8.43	61.41	6.95	34.74	33.33	192	166	Peak	VERTICAL
6	5862.00	66.95	68.20	-1.25	58.57	6.97	34.74	33.33	192	166	Peak	VERTICAL

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

Note:

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

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 4
Test Date	Dec. 20, 2014		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.00	67.26	74.00	-6.74	60.52	6.21	34.11	33.58	343	201	Peak	VERTICAL
2	5150.00	52.86	54.00	-1.14	46.12	6.21	34.11	33.58	343	201	Average	VERTICAL
3	5188.00	101.50			94.67	6.24	34.16	33.57	343	201	Average	VERTICAL
4	5188.00	111.11			104.28	6.24	34.16	33.57	343	201	Peak	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	52.80	54.00	-1.20	46.06	6.21	34.11	33.58	0	202	Average	VERTICAL
2	5150.00	67.00	74.00	-7.00	60.26	6.21	34.11	33.58	0	202	Peak	VERTICAL
3	5201.00	104.82			97.93	6.27	34.18	33.56	0	202	Average	VERTICAL
4	5207.00	114.56			107.67	6.27	34.18	33.56	0	202	Peak	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5118.00	50.85	54.00	-3.15	44.24	6.14	34.06	33.59	349	185	Average	VERTICAL
2	5150.00	63.75	74.00	-10.25	57.01	6.21	34.11	33.58	349	185	Peak	VERTICAL
3	5239.00	107.46			100.48	6.30	34.23	33.55	349	185	Average	VERTICAL
4	5241.00	117.82			110.84	6.30	34.23	33.55	349	185	Peak	VERTICAL
5	5361.50	65.60	74.00	-8.40	58.22	6.47	34.41	33.50	349	185	Peak	VERTICAL
6	5362.00	50.42	54.00	-3.58	43.04	6.47	34.41	33.50	349	185	Average	VERTICAL

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

Temperature	23℃	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 4
Test Date	Dec. 20, 2014		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 149

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	66.92	68.20	-1.28	58.79	6.83	34.68	33.38	352	187	Peak	VERTICAL
2	5722.00	77.18	78.20	-1.02	69.03	6.83	34.69	33.37	352	187	Peak	VERTICAL
3	5738.00	99.71			91.52	6.86	34.70	33.37	352	187	Average	VERTICAL
4	5740.00	110.36			102.17	6.86	34.70	33.37	352	187	Peak	VERTICAL

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

Channel 157

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5710.00	67.03	68.20	-1.17	58.90	6.83	34.68	33.38	336	212	Peak	VERTICAL
2	5722.00	71.24	78.20	-6.96	63.09	6.83	34.69	33.37	336	212	Peak	VERTICAL
3	5784.00	106.33			98.07	6.90	34.71	33.35	336	212	Average	VERTICAL
4	5786.00	116.21			107.94	6.90	34.72	33.35	336	212	Peak	VERTICAL
5	5856.00	70.75	78.20	-7.45	62.39	6.95	34.74	33.33	336	212	Peak	VERTICAL
6	5865.00	67.17	68.20	-1.03	58.78	6.97	34.74	33.32	336	212	Peak	VERTICAL

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

Channel 165

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5701.00	61.00	68.20	-7.20	52.89	6.81	34.68	33.38	355	205	Peak	VERTICAL
2	5720.00	59.86	78.20	-18.34	51.71	6.83	34.69	33.37	355	205	Peak	VERTICAL
3	5824.00	110.97			102.66	6.92	34.73	33.34	355	205	Peak	VERTICAL
4	5826.00	100.71			92.40	6.92	34.73	33.34	355	205	Average	VERTICAL
5	5850.00	75.93	78.20	-2.27	67.57	6.95	34.74	33.33	355	205	Peak	VERTICAL
6	5863.00	67.02	68.20	-1.18	58.64	6.97	34.74	33.33	355	205	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5825 MHz.

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 4
Test Date	Dec. 20, 2014		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.00	69.95	74.00	-4.05	63.21	6.21	34.11	33.58	4	182	Peak	VERTICAL
2	5150.00	52.95	54.00	-1.05	46.21	6.21	34.11	33.58	4	182	Average	VERTICAL
3	5187.00	97.04			90.21	6.24	34.16	33.57	4	182	Average	VERTICAL
4	5187.00	106.90			100.07	6.24	34.16	33.57	4	182	Peak	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.00	52.92	54.00	-1.08	46.18	6.21	34.11	33.58	344	185	Average	VERTICAL
2	5149.00	65.36	74.00	-8.64	58.62	6.21	34.11	33.58	344	185	Peak	VERTICAL
3	5224.00	102.93			95.98	6.30	34.20	33.55	344	185	Average	VERTICAL
4	5225.00	112.75			105.77	6.30	34.23	33.55	344	185	Peak	VERTICAL
5	5351.00	64.64	74.00	-9.36	57.29	6.47	34.39	33.51	344	185	Peak	VERTICAL
6	5356.50	48.86	54.00	-5.14	41.50	6.47	34.39	33.50	344	185	Average	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 4
Test Date	Dec. 20, 2014		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 151

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.00	67.17	68.20	-1.03	59.04	6.83	34.68	33.38	15	210	Peak	VERTICAL
2	5725.00	69.93	78.20	-8.27	61.78	6.83	34.69	33.37	15	210	Peak	VERTICAL
3	5751.00	106.52			98.32	6.86	34.70	33.36	15	210	Peak	VERTICAL
4	5753.00	96.30			88.10	6.86	34.70	33.36	15	210	Average	VERTICAL
5	5851.00	60.10	78.20	-18.10	51.74	6.95	34.74	33.33	15	210	Peak	VERTICAL
6	5861.00	61.18	68.20	-7.02	52.80	6.97	34.74	33.33	15	210	Peak	VERTICAL

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

Channel 159

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	62.64	68.20	-5.56	54.51	6.83	34.68	33.38	354	212	Peak	VERTICAL
2	5724.00	65.98	78.20	-12.22	57.83	6.83	34.69	33.37	354	212	Peak	VERTICAL
3	5789.00	108.46			100.19	6.90	34.72	33.35	354	212	Peak	VERTICAL
4	5791.00	98.59			90.32	6.90	34.72	33.35	354	212	Average	VERTICAL
5	5850.00	68.28	78.20	-9.92	59.92	6.95	34.74	33.33	354	212	Peak	VERTICAL
6	5861.00	67.03	68.20	-1.17	58.65	6.97	34.74	33.33	354	212	Peak	VERTICAL

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

Temperature	23°C	Humidity	61%
Test Engineer	Mars Lin	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 4
Test Date	Dec. 20, 2014		
Test Mode	Mode 2: (Ant.8 Panel antenna / 5.1dBi / 1TX)		

Channel 42

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.00	52.53	54.00	-1.47	45.79	6.21	34.11	33.58	5	165	Average	VERTICAL
2	5150.00	68.36	74.00	-5.64	61.62	6.21	34.11	33.58	5	165	Peak	VERTICAL
3	5200.00	93.12			86.23	6.27	34.18	33.56	5	165	Average	VERTICAL
4	5224.00	102.97			96.02	6.30	34.20	33.55	5	165	Peak	VERTICAL
5	5357.00	66.04	74.00	-7.96	58.68	6.47	34.39	33.50	5	165	Peak	VERTICAL
6	5360.00	47.39	54.00	-6.61	40.03	6.47	34.39	33.50	5	165	Average	VERTICAL

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

Channel 155

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5661.00	59.12	68.20	-9.08	51.06	6.79	34.66	33.39	321	208	Peak	HORIZONTAL
2	5722.00	58.94	78.20	-19.26	50.79	6.83	34.69	33.37	321	208	Peak	HORIZONTAL
3	5764.00	77.30			69.08	6.88	34.70	33.36	321	208	Average	HORIZONTAL
4	5767.00	86.59			78.37	6.88	34.70	33.36	321	208	Peak	HORIZONTAL
5	5853.00	59.14	78.20	-19.06	50.78	6.95	34.74	33.33	321	208	Peak	HORIZONTAL
6	5880.00	59.06	68.20	-9.14	50.66	6.97	34.75	33.32	321	208	Peak	HORIZONTAL

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

Note:

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

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