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

Mode 1 (Ant.6 Dipole antenna / 8dBi)

For Beamforming Mode

For 2TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15535.08	62.70	74.00	-11.30	46.84	12.58	38.45	35.17	Peak	100	67	HORIZONTAL
2	15539.76	48.49	54.00	-5.51	32.63	12.58	38.45	35.17	Average	100	67	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15536.14	61.77	74.00	-12.23	45.91	12.58	38.45	35.17	Peak	100	249	VERTICAL
2	15540.10	48.66	54.00	-5.34	32.80	12.58	38.45	35.17	Average	100	249	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15596.02	61.35	74.00	-12.65	45.59	12.58	38.36	35.18	Peak	100	34	HORIZONTAL
2	15602.88	49.23	54.00	-4.77	33.48	12.58	38.36	35.19	Average	100	34	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15595.26	52.86	54.00	-1.14	37.10	12.58	38.36	35.18	Average	154	232	VERTICAL
2	15595.70	68.21	74.00	-5.79	52.45	12.58	38.36	35.18	Peak	154	232	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15718.78	48.54	54.00	-5.46	32.99	12.57	38.19	35.21	Average	100	53	HORIZONTAL
2	15724.56	60.52	74.00	-13.48	44.97	12.57	38.19	35.21	Peak	100	53	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15718.00	66.46	74.00	-7.54	50.91	12.57	38.19	35.21	Peak	136	285	VERTICAL
2	15718.48	52.31	54.00	-1.69	36.76	12.57	38.19	35.21	Average	136	285	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.78	62.39	74.00	-11.61	46.95	12.57	38.11	35.24	Peak	101	123	HORIZONTAL
2	15780.17	49.38	54.00	-4.62	33.94	12.57	38.11	35.24	Average	101	123	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.38	68.42	74.00	-5.58	52.98	12.57	38.11	35.24	Peak	126	270	VERTICAL
2	15779.86	52.65	54.00	-1.35	37.21	12.57	38.11	35.24	Average	126	270	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.22	44.83	54.00	-9.17	31.00	10.16	38.92	35.25	Average	100	338	HORIZONTAL
2	10600.92	57.83	74.00	-16.17	43.95	10.19	38.92	35.23	Peak	100	338	HORIZONTAL
3	15899.18	61.64	74.00	-12.36	46.39	12.57	37.94	35.26	Peak	100	293	HORIZONTAL
4	15900.78	48.30	54.00	-5.70	33.07	12.57	37.92	35.26	Average	100	293	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.74	44.41	54.00	-9.59	30.58	10.16	38.92	35.25	Average	100	102	VERTICAL
2	10600.40	60.02	74.00	-13.98	46.19	10.16	38.92	35.25	Peak	100	102	VERTICAL
3	15900.40	61.43	74.00	-12.57	46.18	12.57	37.94	35.26	Peak	100	233	VERTICAL
4	15900.64	48.33	54.00	-5.67	33.10	12.57	37.92	35.26	Average	100	233	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.36	60.00	74.00	-14.00	46.08	10.21	38.93	35.22	Peak	100	102	HORIZONTAL
2	10640.05	44.31	54.00	-9.69	30.39	10.21	38.93	35.22	Average	100	102	HORIZONTAL
3	15959.36	61.20	74.00	-12.80	46.07	12.56	37.85	35.28	Peak	100	223	HORIZONTAL
4	15960.15	48.18	54.00	-5.82	33.05	12.56	37.85	35.28	Average	100	223	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.73	57.60	74.00	-16.40	43.68	10.21	38.93	35.22	Peak	100	59	VERTICAL
2	10640.05	44.50	54.00	-9.50	30.58	10.21	38.93	35.22	Average	100	59	VERTICAL
3	15959.92	61.49	74.00	-12.51	46.36	12.56	37.85	35.28	Peak	100	168	VERTICAL
4	15960.15	48.18	54.00	-5.82	33.05	12.56	37.85	35.28	Average	100	168	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.74	44.33	54.00	-9.67	29.76	10.55	39.00	34.98	Average	100	329	HORIZONTAL
2	11000.04	57.59	74.00	-16.41	43.02	10.55	39.00	34.98	Peak	100	329	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.69	58.35	74.00	-15.65	43.78	10.55	39.00	34.98	Peak	100	169	VERTICAL
2	11000.02	44.17	54.00	-9.83	29.60	10.55	39.00	34.98	Average	100	169	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.08	59.30	74.00	-14.70	44.57	10.60	39.13	35.00	Peak	100	152	HORIZONTAL
2	11159.16	45.34	54.00	-8.66	30.61	10.60	39.13	35.00	Average	100	152	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.86	46.05	54.00	-7.95	31.32	10.60	39.13	35.00	Average	100	274	VERTICAL
2	11160.92	58.49	74.00	-15.51	43.76	10.60	39.13	35.00	Peak	100	274	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.44	43.58	54.00	-10.42	28.61	10.69	39.32	35.04	Average	100	157	HORIZONTAL
2	11399.60	57.30	74.00	-16.70	42.33	10.69	39.32	35.04	Peak	100	157	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.88	57.34	74.00	-16.66	42.37	10.69	39.32	35.04	Peak	100	81	VERTICAL
2	11400.20	43.55	54.00	-10.45	28.58	10.69	39.32	35.04	Average	100	81	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15569.66	62.32	74.00	-11.68	46.51	12.58	38.40	35.17	Peak	100	145	HORIZONTAL
2	15570.05	48.59	54.00	-5.41	32.78	12.58	38.40	35.17	Average	100	145	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15570.04	61.31	74.00	-12.69	45.50	12.58	38.40	35.17	Peak	100	341	VERTICAL
2	15570.32	48.53	54.00	-5.47	32.72	12.58	38.40	35.17	Average	100	341	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15689.45	60.34	74.00	-13.66	44.74	12.58	38.23	35.21	Peak	100	77	HORIZONTAL
2	15690.94	47.82	54.00	-6.18	32.22	12.58	38.23	35.21	Average	100	77	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15690.11	47.65	54.00	-6.35	32.05	12.58	38.23	35.21	Average	100	210	VERTICAL
2	15690.80	61.28	74.00	-12.72	45.68	12.58	38.23	35.21	Peak	100	210	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.91	61.38	74.00	-12.62	45.98	12.57	38.07	35.24	Peak	100	311	HORIZONTAL
2	15810.73	47.64	54.00	-6.36	32.24	12.57	38.07	35.24	Average	100	311	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.39	61.92	74.00	-12.08	46.52	12.57	38.07	35.24	Peak	100	82	VERTICAL
2	15810.21	47.94	54.00	-6.06	32.54	12.57	38.07	35.24	Average	100	82	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10620.39	57.60	74.00	-16.40	43.72	10.19	38.92	35.23	Peak	100	95	HORIZONTAL
2	10620.94	44.56	54.00	-9.44	30.68	10.19	38.92	35.23	Average	100	95	HORIZONTAL
3	15929.03	48.06	54.00	-5.94	32.87	12.56	37.90	35.27	Average	100	33	HORIZONTAL
4	15930.28	61.69	74.00	-12.31	46.51	12.56	37.90	35.28	Peak	100	33	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.55	44.52	54.00	-9.48	30.64	10.19	38.92	35.23	Average	100	288	VERTICAL
2	10620.46	60.26	74.00	-13.74	46.38	10.19	38.92	35.23	Peak	100	288	VERTICAL
3	15929.22	48.16	54.00	-5.84	32.97	12.56	37.90	35.27	Average	100	180	VERTICAL
4	15930.46	61.56	74.00	-12.44	46.38	12.56	37.90	35.28	Peak	100	180	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.14	44.38	54.00	-9.62	29.79	10.56	39.01	34.98	Average	100	158	HORIZONTAL
2	11020.54	57.30	74.00	-16.70	42.71	10.56	39.01	34.98	Peak	100	158	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.49	44.28	54.00	-9.72	29.69	10.56	39.01	34.98	Average	100	313	VERTICAL
2	11020.62	57.37	74.00	-16.63	42.78	10.56	39.01	34.98	Peak	100	313	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11100.14	58.01	74.00	-15.99	43.34	10.58	39.08	34.99	Peak	100	53	HORIZONTAL
2	11100.23	45.28	54.00	-8.72	30.61	10.58	39.08	34.99	Average	100	53	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.04	45.36	54.00	-8.64	30.69	10.58	39.08	34.99	Average	100	156	VERTICAL
2	11100.99	59.50	74.00	-14.50	44.83	10.58	39.08	34.99	Peak	100	156	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.17	43.82	54.00	-10.18	28.92	10.66	39.27	35.03	Average	100	314	HORIZONTAL
2	11340.57	57.27	74.00	-16.73	42.36	10.67	39.27	35.03	Peak	100	314	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.88	43.85	54.00	-10.15	28.95	10.66	39.27	35.03	Average	100	69	VERTICAL
2	11340.03	57.26	74.00	-16.74	42.36	10.66	39.27	35.03	Peak	100	69	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 3TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15536.68	63.36	74.00	-10.64	47.50	12.58	38.45	35.17	Peak	100	223	HORIZONTAL
2	15540.26	49.44	54.00	-4.56	33.58	12.58	38.45	35.17	Average	100	223	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15539.44	48.53	54.00	-5.47	32.67	12.58	38.45	35.17	Average	100	165	VERTICAL
2	15542.16	63.78	74.00	-10.22	47.92	12.58	38.45	35.17	Peak	100	165	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15599.90	48.91	54.00	-5.09	33.16	12.58	38.36	35.19	Average	100	168	HORIZONTAL
2	15603.94	63.16	74.00	-10.84	47.41	12.58	38.36	35.19	Peak	100	168	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15598.30	62.74	74.00	-11.26	46.98	12.58	38.36	35.18	Peak	100	233	VERTICAL
2	15598.72	48.99	54.00	-5.01	33.23	12.58	38.36	35.18	Average	100	233	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15718.44	48.26	54.00	-5.74	32.71	12.57	38.19	35.21	Average	100	37	HORIZONTAL
2	15719.58	61.86	74.00	-12.14	46.31	12.57	38.19	35.21	Peak	100	37	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15715.56	48.16	54.00	-5.84	32.61	12.57	38.19	35.21	Average	100	197	VERTICAL
2	15721.22	62.22	74.00	-11.78	46.67	12.57	38.19	35.21	Peak	100	197	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15775.10	62.99	74.00	-11.01	47.54	12.57	38.11	35.23	Peak	100	57	HORIZONTAL
2	15777.90	48.58	54.00	-5.42	33.14	12.57	38.11	35.24	Average	100	57	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15775.88	48.65	54.00	-5.35	33.20	12.57	38.11	35.23	Average	100	242	VERTICAL
2	15776.98	62.86	74.00	-11.14	47.41	12.57	38.11	35.23	Peak	100	242	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.38	58.46	74.00	-15.54	44.58	10.19	38.92	35.23	Peak	100	211	HORIZONTAL
2	10603.00	45.86	54.00	-8.14	31.98	10.19	38.92	35.23	Average	100	211	HORIZONTAL
3	15901.64	48.76	54.00	-5.24	33.53	12.57	37.92	35.26	Average	100	171	HORIZONTAL
4	15903.32	63.63	74.00	-10.37	48.40	12.57	37.92	35.26	Peak	100	171	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.38	59.72	74.00	-14.28	45.89	10.16	38.92	35.25	Peak	100	214	VERTICAL
2	10603.92	44.52	54.00	-9.48	30.64	10.19	38.92	35.23	Average	100	214	VERTICAL
3	15898.32	49.00	54.00	-5.00	33.75	12.57	37.94	35.26	Average	100	152	VERTICAL
4	15904.78	62.41	74.00	-11.59	47.20	12.56	37.92	35.27	Peak	100	152	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10637.86	45.46	54.00	-8.54	31.54	10.21	38.93	35.22	Average	100	262	HORIZONTAL
2	10639.82	58.58	74.00	-15.42	44.66	10.21	38.93	35.22	Peak	100	262	HORIZONTAL
3	15960.58	48.71	54.00	-5.29	33.58	12.56	37.85	35.28	Average	100	200	HORIZONTAL
4	15963.72	63.20	74.00	-10.80	48.07	12.56	37.85	35.28	Peak	100	200	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.36	45.39	54.00	-8.61	31.47	10.21	38.93	35.22	Average	100	179	VERTICAL
2	10640.44	58.21	74.00	-15.79	44.29	10.21	38.93	35.22	Peak	100	179	VERTICAL
3	15962.32	48.78	54.00	-5.22	33.65	12.56	37.85	35.28	Average	100	299	VERTICAL
4	15963.14	63.31	74.00	-10.69	48.18	12.56	37.85	35.28	Peak	100	299	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.90	45.07	54.00	-8.93	30.50	10.55	39.00	34.98	Average	100	153	HORIZONTAL
2	11003.94	58.52	74.00	-15.48	43.95	10.55	39.00	34.98	Peak	100	153	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.32	58.85	74.00	-15.15	44.28	10.55	39.00	34.98	Peak	100	239	VERTICAL
2	11004.54	45.19	54.00	-8.81	30.61	10.55	39.01	34.98	Average	100	239	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.60	46.67	54.00	-7.33	31.94	10.60	39.13	35.00	Average	100	209	HORIZONTAL
2	11163.34	59.56	74.00	-14.44	44.82	10.61	39.13	35.00	Peak	100	209	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.52	47.07	54.00	-6.93	32.34	10.60	39.13	35.00	Average	100	330	VERTICAL
2	11161.80	59.74	74.00	-14.26	45.00	10.61	39.13	35.00	Peak	100	330	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.18	44.66	54.00	-9.34	29.69	10.69	39.32	35.04	Average	100	133	HORIZONTAL
2	11402.76	57.86	74.00	-16.14	42.89	10.69	39.32	35.04	Peak	100	133	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11397.56	44.84	54.00	-9.16	29.87	10.69	39.32	35.04	Average	100	271	VERTICAL
2	11404.24	57.95	74.00	-16.05	42.98	10.69	39.32	35.04	Peak	100	271	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15567.14	49.34	54.00	-4.66	33.53	12.58	38.40	35.17	Average	100	103	HORIZONTAL
2	15569.66	63.62	74.00	-10.38	47.81	12.58	38.40	35.17	Peak	100	103	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15567.24	49.32	54.00	-4.68	33.51	12.58	38.40	35.17	Average	100	161	VERTICAL
2	15574.26	62.98	74.00	-11.02	47.18	12.58	38.40	35.18	Peak	100	161	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15687.88	48.63	54.00	-5.37	33.03	12.58	38.23	35.21	Average	100	329	HORIZONTAL
2	15694.94	62.43	74.00	-11.57	46.83	12.58	38.23	35.21	Peak	100	329	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15685.34	63.03	74.00	-10.97	47.43	12.58	38.23	35.21	Peak	100	263	VERTICAL
2	15690.52	48.64	54.00	-5.36	33.04	12.58	38.23	35.21	Average	100	263	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15811.80	62.26	74.00	-11.74	46.86	12.57	38.07	35.24	Peak	100	187	HORIZONTAL
2	15814.52	48.23	54.00	-5.77	32.83	12.57	38.07	35.24	Average	100	187	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.58	48.33	54.00	-5.67	32.93	12.57	38.07	35.24	Average	100	301	VERTICAL
2	15806.98	62.15	74.00	-11.85	46.75	12.57	38.07	35.24	Peak	100	301	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 27, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10616.14	46.08	54.00	-7.92	32.20	10.19	38.92	35.23	Average	100	218	HORIZONTAL
2	10621.06	59.41	74.00	-14.59	45.53	10.19	38.92	35.23	Peak	100	218	HORIZONTAL
3	15925.84	49.02	54.00	-4.98	33.83	12.56	37.90	35.27	Average	100	299	HORIZONTAL
4	15929.94	62.75	74.00	-11.25	47.56	12.56	37.90	35.27	Peak	100	299	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10616.14	46.09	54.00	-7.91	32.21	10.19	38.92	35.23	Average	100	133	VERTICAL
2	10618.06	59.17	74.00	-14.83	45.29	10.19	38.92	35.23	Peak	100	133	VERTICAL
3	15925.58	48.94	54.00	-5.06	33.75	12.56	37.90	35.27	Average	100	222	VERTICAL
4	15930.54	63.68	74.00	-10.32	48.50	12.56	37.90	35.28	Peak	100	222	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11015.96	44.99	54.00	-9.01	30.40	10.56	39.01	34.98	Average	100	263	HORIZONTAL
2	11019.46	58.91	74.00	-15.09	44.32	10.56	39.01	34.98	Peak	100	263	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11018.14	44.49	54.00	-9.51	29.90	10.56	39.01	34.98	Average	100	197	VERTICAL
2	11019.88	58.90	74.00	-15.10	44.31	10.56	39.01	34.98	Peak	100	197	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.30	46.03	54.00	-7.97	31.36	10.58	39.08	34.99	Average	100	236	HORIZONTAL
2	11098.30	60.06	74.00	-13.94	45.39	10.58	39.08	34.99	Peak	100	236	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11101.36	45.46	54.00	-8.54	30.79	10.58	39.08	34.99	Average	100	164	VERTICAL
2	11102.76	55.14	74.00	-18.86	40.47	10.58	39.08	34.99	Peak	100	164	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.32	44.33	54.00	-9.67	29.42	10.67	39.27	35.03	Average	100	300	HORIZONTAL
2	11344.62	56.95	74.00	-17.05	42.03	10.67	39.28	35.03	Peak	100	300	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.32	56.86	74.00	-17.14	41.95	10.67	39.27	35.03	Peak	100	136	VERTICAL
2	11344.46	44.66	54.00	-9.34	29.75	10.67	39.27	35.03	Average	100	136	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.

Mode 2 (Ant.16 Panel antenna / 3.5dBi)

For Beamforming Mode

For 2TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15530.77	48.10	54.00	-5.90	32.24	12.58	38.45	35.17	59	114	Average	HORIZONTAL
2	15542.40	61.20	74.00	-12.80	45.34	12.58	38.45	35.17	59	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	15542.82	61.40	74.00	-12.60	45.54	12.58	38.45	35.17	360	100	Peak	VERTICAL
2	15545.67	48.12	54.00	-5.88	32.28	12.58	38.43	35.17	360	100	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15597.24	48.61	54.00	-5.39	32.85	12.58	38.36	35.18	118	109	Average	HORIZONTAL
2	15598.85	62.42	74.00	-11.58	46.67	12.58	38.36	35.19	118	109	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	15597.79	51.50	54.00	-2.50	35.74	12.58	38.36	35.18	117	101	Average	VERTICAL
2	15598.43	64.43	74.00	-9.57	48.67	12.58	38.36	35.18	117	101	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15712.44	60.69	74.00	-13.31	45.12	12.57	38.21	35.21	88	116	Peak	HORIZONTAL
2	15716.51	49.31	54.00	-4.69	33.76	12.57	38.19	35.21	88	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	15715.96	52.23	54.00	-1.77	36.68	12.57	38.19	35.21	117	105	Average	VERTICAL
2	15719.26	67.84	74.00	-6.16	52.29	12.57	38.19	35.21	117	105	Peak	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15774.52	63.04	74.00	-10.96	47.59	12.57	38.11	35.23	332	100	Peak	HORIZONTAL
2	15784.52	49.38	54.00	-4.62	33.96	12.57	38.09	35.24	332	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	15780.51	52.79	54.00	-1.21	37.35	12.57	38.11	35.24	114	106	Average	VERTICAL
2	15781.15	69.15	74.00	-4.85	53.71	12.57	38.11	35.24	114	106	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10597.66	45.19	54.00	-8.81	31.36	10.16	38.92	35.25	112	100	Average	HORIZONTAL
2	10600.10	58.49	74.00	-15.51	44.66	10.16	38.92	35.25	112	100	Peak	HORIZONTAL
3	15893.59	60.06	74.00	-13.94	44.81	12.57	37.94	35.26	315	100	Peak	HORIZONTAL
4	15897.98	47.81	54.00	-6.19	32.56	12.57	37.94	35.26	315	100	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10598.01	58.17	74.00	-15.83	44.34	10.16	38.92	35.25	360	100	Peak	VERTICAL
2	10609.62	45.57	54.00	-8.43	31.69	10.19	38.92	35.23	360	100	Average	VERTICAL
3	15899.49	66.59	74.00	-7.41	51.34	12.57	37.94	35.26	120	102	Peak	VERTICAL
4	15900.19	50.96	54.00	-3.04	35.71	12.57	37.94	35.26	120	102	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10630.13	45.27	54.00	-8.73	31.36	10.21	38.92	35.22	130	101	Average	HORIZONTAL
2	10633.14	58.20	74.00	-15.80	44.28	10.21	38.93	35.22	130	101	Peak	HORIZONTAL
3	15953.30	60.76	74.00	-13.24	45.63	12.56	37.85	35.28	300	101	Peak	HORIZONTAL
4	15956.44	47.35	54.00	-6.65	32.22	12.56	37.85	35.28	300	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	10634.94	45.32	54.00	-8.68	31.40	10.21	38.93	35.22	360	100	Average	VERTICAL
2	10639.13	58.31	74.00	-15.69	44.39	10.21	38.93	35.22	360	100	Peak	VERTICAL
3	15954.97	47.48	54.00	-6.52	32.35	12.56	37.85	35.28	88	123	Average	VERTICAL
4	15961.76	60.27	74.00	-13.73	45.14	12.56	37.85	35.28	88	123	Peak	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11002.50	58.83	74.00	-15.17	44.26	10.55	39.00	34.98	75	100	Peak	HORIZONTAL
2	11005.58	45.86	54.00	-8.14	31.28	10.55	39.01	34.98	75	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	10992.34	59.09	74.00	-14.91	44.52	10.55	39.00	34.98	212	119	Peak	VERTICAL
2	11009.13	45.91	54.00	-8.09	31.32	10.56	39.01	34.98	212	119	Average	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11157.56	59.16	74.00	-14.84	44.43	10.60	39.13	35.00	272	111	Peak	HORIZONTAL
2	11166.25	45.88	54.00	-8.12	31.14	10.61	39.13	35.00	272	111	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	11160.77	61.12	74.00	-12.88	46.39	10.60	39.13	35.00	99	174	Peak	VERTICAL
2	11163.30	47.00	54.00	-7.00	32.26	10.61	39.13	35.00	99	174	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11394.97	59.98	74.00	-14.02	45.02	10.69	39.31	35.04	135	101	Peak	HORIZONTAL
2	11407.53	46.28	54.00	-7.72	31.31	10.69	39.32	35.04	135	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	11399.13	60.29	74.00	-13.71	45.32	10.69	39.32	35.04	225	110	Peak	VERTICAL
2	11399.65	46.33	54.00	-7.67	31.36	10.69	39.32	35.04	225	110	Average	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15563.30	48.04	54.00	-5.96	32.23	12.58	38.40	35.17	96	112	Average	HORIZONTAL
2	15569.90	61.48	74.00	-12.52	45.67	12.58	38.40	35.17	96	112	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	15575.96	61.09	74.00	-12.91	45.29	12.58	38.40	35.18	320	107	Peak	VERTICAL
2	15578.59	48.11	54.00	-5.89	32.33	12.58	38.38	35.18	320	107	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15681.12	48.04	54.00	-5.96	32.44	12.58	38.23	35.21	154	106	Average	HORIZONTAL
2	15699.07	61.19	74.00	-12.81	45.61	12.58	38.21	35.21	154	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	15690.54	48.32	54.00	-5.68	32.72	12.58	38.23	35.21	303	100	Average	VERTICAL
2	15693.78	61.10	74.00	-12.90	45.50	12.58	38.23	35.21	303	100	Peak	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15806.60	61.17	74.00	-12.83	45.77	12.57	38.07	35.24	114	100	Peak	HORIZONTAL
2	15812.88	47.23	54.00	-6.77	31.83	12.57	38.07	35.24	114	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	15806.83	47.36	54.00	-6.64	31.96	12.57	38.07	35.24	141	154	Average	VERTICAL
2	15807.08	60.71	74.00	-13.29	45.31	12.57	38.07	35.24	141	154	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10611.67	58.72	74.00	-15.28	44.84	10.19	38.92	35.23	114	163	Peak	HORIZONTAL
2	10626.09	45.43	54.00	-8.57	31.55	10.19	38.92	35.23	114	163	Average	HORIZONTAL
3	15924.74	61.27	74.00	-12.73	46.08	12.56	37.90	35.27	232	112	Peak	HORIZONTAL
4	15937.69	47.09	54.00	-6.91	31.94	12.56	37.87	35.28	232	112	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	10612.24	58.61	74.00	-15.39	44.73	10.19	38.92	35.23	280	112	Peak	VERTICAL
2	10619.90	45.47	54.00	-8.53	31.59	10.19	38.92	35.23	280	112	Average	VERTICAL
3	15933.75	47.33	54.00	-6.67	32.15	12.56	37.90	35.28	148	125	Average	VERTICAL
4	15934.01	60.27	74.00	-13.73	45.09	12.56	37.90	35.28	148	125	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.81	45.98	54.00	-8.02	31.39	10.56	39.01	34.98	136	108	Average	HORIZONTAL
2	11029.39	58.97	74.00	-15.03	44.36	10.56	39.03	34.98	136	108	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	11011.35	58.76	74.00	-15.24	44.17	10.56	39.01	34.98	280	100	Peak	VERTICAL
2	11020.90	45.86	54.00	-8.14	31.27	10.56	39.01	34.98	280	100	Average	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11094.36	45.86	54.00	-8.14	31.19	10.58	39.08	34.99	219	101	Average	HORIZONTAL
2	11104.65	59.21	74.00	-14.79	44.54	10.58	39.08	34.99	219	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	11097.79	45.70	54.00	-8.30	31.03	10.58	39.08	34.99	155	114	Average	VERTICAL
2	11104.17	58.86	74.00	-15.14	44.19	10.58	39.08	34.99	155	114	Peak	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11334.90	59.73	74.00	-14.27	44.83	10.66	39.27	35.03	143	100	Peak	HORIZONTAL
2	11348.30	46.27	54.00	-7.73	31.35	10.67	39.28	35.03	143	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	11347.18	60.29	74.00	-13.71	45.37	10.67	39.28	35.03	49	110	Peak	VERTICAL
2	11349.87	46.27	54.00	-7.73	31.35	10.67	39.28	35.03	49	110	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 3TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15538.04	62.45	74.00	-11.55	46.59	12.58	38.45	35.17	300	115	Peak	HORIZONTAL
2	15545.00	49.40	54.00	-4.60	33.56	12.58	38.43	35.17	300	115	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	15534.33	49.62	54.00	-4.38	33.76	12.58	38.45	35.17	59	138	Average	VERTICAL
2	15550.00	62.53	74.00	-11.47	46.69	12.58	38.43	35.17	59	138	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15604.29	49.35	54.00	-4.65	33.60	12.58	38.36	35.19	272	135	Average	HORIZONTAL
2	15608.65	62.22	74.00	-11.78	46.47	12.58	38.36	35.19	272	135	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	15600.48	49.49	54.00	-4.51	33.74	12.58	38.36	35.19	200	117	Average	VERTICAL
2	15605.22	62.49	74.00	-11.51	46.74	12.58	38.36	35.19	200	117	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15719.68	51.21	54.00	-2.79	35.66	12.57	38.19	35.21	349	143	Average	HORIZONTAL
2	15720.74	65.66	74.00	-8.34	50.11	12.57	38.19	35.21	349	143	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	15721.76	51.57	54.00	-2.43	36.02	12.57	38.19	35.21	122	110	Average	VERTICAL
2	15729.71	67.09	74.00	-6.91	51.55	12.57	38.19	35.22	122	110	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15778.17	49.16	54.00	-4.84	33.72	12.57	38.11	35.24	271	123	Average	HORIZONTAL
2	15784.29	62.18	74.00	-11.82	46.76	12.57	38.09	35.24	271	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	15770.32	49.35	54.00	-4.65	33.90	12.57	38.11	35.23	67	116	Average	VERTICAL
2	15774.01	63.87	74.00	-10.13	48.42	12.57	38.11	35.23	67	116	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10593.81	59.78	74.00	-14.22	45.95	10.16	38.92	35.25	88	124	Peak	HORIZONTAL
2	10600.51	46.75	54.00	-7.25	32.92	10.16	38.92	35.25	88	124	Average	HORIZONTAL
3	15895.54	48.71	54.00	-5.29	33.46	12.57	37.94	35.26	273	137	Average	HORIZONTAL
4	15900.45	61.66	74.00	-12.34	46.41	12.57	37.94	35.26	273	137	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	10590.99	60.15	74.00	-13.85	46.32	10.16	38.92	35.25	31	121	Peak	VERTICAL
2	10607.28	46.73	54.00	-7.27	32.85	10.19	38.92	35.23	31	121	Average	VERTICAL
3	15893.14	48.62	54.00	-5.38	33.37	12.57	37.94	35.26	283	136	Average	VERTICAL
4	15904.07	61.39	74.00	-12.61	46.16	12.57	37.92	35.26	283	136	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10632.37	47.00	54.00	-7.00	33.08	10.21	38.93	35.22	259	121	Average	HORIZONTAL
2	10643.17	60.40	74.00	-13.60	46.48	10.21	38.93	35.22	259	121	Peak	HORIZONTAL
3	15959.52	48.62	54.00	-5.38	33.49	12.56	37.85	35.28	236	151	Average	HORIZONTAL
4	15960.51	61.38	74.00	-12.62	46.25	12.56	37.85	35.28	236	151	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10630.83	46.94	54.00	-7.06	33.02	10.21	38.93	35.22	293	119	Average	VERTICAL
2	10635.90	60.25	74.00	-13.75	46.33	10.21	38.93	35.22	293	119	Peak	VERTICAL
3	15955.64	48.69	54.00	-5.31	33.56	12.56	37.85	35.28	98	150	Average	VERTICAL
4	15960.32	62.94	74.00	-11.06	47.81	12.56	37.85	35.28	98	150	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10996.25	47.24	54.00	-6.76	32.67	10.55	39.00	34.98	88	150	Average	HORIZONTAL
2	11005.54	60.80	74.00	-13.20	46.22	10.55	39.01	34.98	88	150	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11005.80	60.35	74.00	-13.65	45.77	10.55	39.01	34.98	241	106	Peak	VERTICAL
2	11007.18	47.25	54.00	-6.75	32.67	10.55	39.01	34.98	241	106	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11154.55	60.29	74.00	-13.71	45.57	10.60	39.12	35.00	70	135	Peak	HORIZONTAL
2	11166.41	47.43	54.00	-6.57	32.69	10.61	39.13	35.00	70	135	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	11152.34	60.57	74.00	-13.43	45.85	10.60	39.12	35.00	264	162	Peak	VERTICAL
2	11169.46	47.50	54.00	-6.50	32.76	10.61	39.13	35.00	264	162	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11394.39	61.38	74.00	-12.62	46.42	10.69	39.31	35.04	106	121	Peak	HORIZONTAL
2	11399.97	47.95	54.00	-6.05	32.98	10.69	39.32	35.04	106	121	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	11396.99	61.20	74.00	-12.80	46.23	10.69	39.32	35.04	263	103	Peak	VERTICAL
2	11401.89	47.94	54.00	-6.06	32.97	10.69	39.32	35.04	263	103	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15576.57	49.39	54.00	-4.61	33.59	12.58	38.40	35.18	250	136	Average	HORIZONTAL
2	15579.42	63.71	74.00	-10.29	47.93	12.58	38.38	35.18	250	136	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	15560.29	49.30	54.00	-4.70	33.46	12.58	38.43	35.17	109	131	Average	VERTICAL
2	15566.41	62.67	74.00	-11.33	46.86	12.58	38.40	35.17	109	131	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15682.98	49.56	54.00	-4.44	33.96	12.58	38.23	35.21	85	141	Average	HORIZONTAL
2	15685.90	62.99	74.00	-11.01	47.39	12.58	38.23	35.21	85	141	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15683.88	49.45	54.00	-4.55	33.85	12.58	38.23	35.21	202	120	Average	VERTICAL
2	15688.46	62.60	74.00	-11.40	47.00	12.58	38.23	35.21	202	120	Peak	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15800.38	48.84	54.00	-5.16	33.44	12.57	38.07	35.24	86	101	Average	HORIZONTAL
2	15817.69	61.38	74.00	-12.62	46.01	12.57	38.04	35.24	86	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	15801.44	48.65	54.00	-5.35	33.25	12.57	38.07	35.24	125	145	Average	VERTICAL
2	15814.90	61.48	74.00	-12.52	46.08	12.57	38.07	35.24	125	145	Peak	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10612.31	46.99	54.00	-7.01	33.11	10.19	38.92	35.23	138	100	Average	HORIZONTAL
2	10622.85	60.31	74.00	-13.69	46.43	10.19	38.92	35.23	138	100	Peak	HORIZONTAL
3	15931.51	48.25	54.00	-5.75	33.07	12.56	37.90	35.28	265	116	Average	HORIZONTAL
4	15933.27	61.62	74.00	-12.38	46.44	12.56	37.90	35.28	265	116	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	10614.87	46.91	54.00	-7.09	33.03	10.19	38.92	35.23	193	122	Average	VERTICAL
2	10629.78	59.57	74.00	-14.43	45.66	10.21	38.92	35.22	193	122	Peak	VERTICAL
3	15937.31	60.98	74.00	-13.02	45.83	12.56	37.87	35.28	263	101	Peak	VERTICAL
4	15939.90	48.34	54.00	-5.66	33.19	12.56	37.87	35.28	263	101	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11011.76	47.39	54.00	-6.61	32.80	10.56	39.01	34.98	148	152	Average	HORIZONTAL
2	11029.90	60.85	74.00	-13.15	46.24	10.56	39.03	34.98	148	152	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	11020.00	60.65	74.00	-13.35	46.06	10.56	39.01	34.98	241	113	Peak	VERTICAL
2	11022.72	47.52	54.00	-6.48	32.91	10.56	39.03	34.98	241	113	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11100.67	60.13	74.00	-13.87	45.46	10.58	39.08	34.99	303	148	Peak	HORIZONTAL
2	11107.66	47.45	54.00	-6.55	32.77	10.58	39.09	34.99	303	148	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11091.92	60.75	74.00	-13.25	46.08	10.58	39.08	34.99	0	101	Peak	VERTICAL
2	11093.17	47.71	54.00	-6.29	33.04	10.58	39.08	34.99	0	101	Average	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11347.79	47.63	54.00	-6.37	32.71	10.67	39.28	35.03	182	107	Average	HORIZONTAL
2	11349.17	60.51	74.00	-13.49	45.59	10.67	39.28	35.03	182	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	11345.87	61.05	74.00	-12.95	46.13	10.67	39.28	35.03	92	143	Peak	VERTICAL
2	11349.90	47.72	54.00	-6.28	32.80	10.67	39.28	35.03	92	143	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.

Mode 3 (Ant.32 3-Port Dual-Band Directional Panel antenna / Chain 1: 6.7, Chain 2: 4.3, Chain 3: 6.6dBi)

For Beamforming Mode

For 3TX

Temperature	26°C	**Humidity**	68%
Test Engineer	Mars Lin	**Configurations**	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15537.60	57.63	74.00	-16.37	44.30	10.77	38.15	35.59	Peak	100	333	HORIZONTAL
2	15540.67	44.96	54.00	-9.04	31.66	10.77	38.12	35.59	Average	100	333	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15539.85	58.44	74.00	-15.56	45.14	10.77	38.12	35.59	Peak	100	36	VERTICAL
2	15541.37	44.87	54.00	-9.13	31.57	10.77	38.12	35.59	Average	100	36	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15598.46	60.76	74.00	-13.24	47.52	10.78	38.04	35.58	Peak	149	184	HORIZONTAL
2	15598.85	45.77	54.00	-8.23	32.53	10.78	38.04	35.58	Average	149	184	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15591.78	62.15	74.00	-11.85	48.91	10.78	38.04	35.58	Peak	109	155	VERTICAL
2	15592.21	47.59	54.00	-6.41	34.35	10.78	38.04	35.58	Average	109	155	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15722.48	62.25	74.00	-11.75	49.17	10.79	37.85	35.56	Peak	148	185	HORIZONTAL
2	15722.56	48.73	54.00	-5.27	35.65	10.79	37.85	35.56	Average	148	185	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15716.07	51.97	54.00	-2.03	38.89	10.79	37.85	35.56	Average	108	157	VERTICAL
2	15716.31	66.29	74.00	-7.71	53.21	10.79	37.85	35.56	Peak	108	157	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15781.63	43.78	54.00	-10.22	30.77	10.80	37.75	35.54	Average	100	62	HORIZONTAL
2	15781.83	57.25	74.00	-16.75	44.24	10.80	37.75	35.54	Peak	100	62	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15778.85	59.38	74.00	-14.62	46.37	10.80	37.75	35.54	Peak	109	157	VERTICAL
2	15780.38	46.03	54.00	-7.97	33.02	10.80	37.75	35.54	Average	109	157	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.56	57.25	74.00	-16.75	43.85	8.64	39.90	35.14	Peak	100	110	HORIZONTAL
2	10599.95	43.89	54.00	-10.11	30.49	8.64	39.90	35.14	Average	100	110	HORIZONTAL
3	15901.52	58.54	74.00	-15.46	45.69	10.81	37.56	35.52	Peak	100	202	HORIZONTAL
4	15901.64	44.75	54.00	-9.25	31.90	10.81	37.56	35.52	Average	100	202	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10610.45	45.27	54.00	-8.73	31.85	8.64	39.90	35.12	Average	136	269	VERTICAL
2	10610.90	58.86	74.00	-15.14	45.44	8.64	39.90	35.12	Peak	136	269	VERTICAL
3	15899.99	58.28	74.00	-15.72	45.43	10.81	37.56	35.52	Peak	115	163	VERTICAL
4	15901.72	44.94	54.00	-9.06	32.09	10.81	37.56	35.52	Average	115	163	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.74	43.73	54.00	-10.27	30.30	8.66	39.86	35.09	Average	100	156	HORIZONTAL
2	10642.27	57.08	74.00	-16.92	43.65	8.66	39.86	35.09	Peak	100	156	HORIZONTAL
3	15960.54	44.39	54.00	-9.61	31.60	10.82	37.48	35.51	Average	100	178	HORIZONTAL
4	15962.10	57.66	74.00	-16.34	44.87	10.82	37.48	35.51	Peak	100	178	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10638.79	57.06	74.00	-16.94	43.63	8.66	39.86	35.09	Peak	100	129	VERTICAL
2	10640.23	43.71	54.00	-10.29	30.28	8.66	39.86	35.09	Average	100	129	VERTICAL
3	15960.70	44.38	54.00	-9.62	31.59	10.82	37.48	35.51	Average	100	297	VERTICAL
4	15961.22	57.63	74.00	-16.37	44.84	10.82	37.48	35.51	Peak	100	297	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10997.72	43.95	54.00	-10.05	30.32	8.93	39.50	34.80	Average	100	73	HORIZONTAL
2	10998.58	57.71	74.00	-16.29	44.08	8.93	39.50	34.80	Peak	100	73	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.73	56.99	74.00	-17.01	43.36	8.93	39.50	34.80	Peak	100	228	VERTICAL
2	11000.27	44.09	54.00	-9.91	30.46	8.93	39.50	34.80	Average	100	228	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.81	44.29	54.00	-9.71	30.64	9.04	39.50	34.89	Average	100	56	HORIZONTAL
2	11160.10	57.67	74.00	-16.33	44.02	9.04	39.50	34.89	Peak	100	56	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11151.92	58.00	74.00	-16.00	44.36	9.03	39.50	34.89	Peak	129	306	VERTICAL
2	11155.45	45.42	54.00	-8.58	31.78	9.03	39.50	34.89	Average	129	306	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11401.23	43.93	54.00	-10.07	30.28	9.19	39.50	35.04	Average	100	312	HORIZONTAL
2	11402.47	57.37	74.00	-16.63	43.72	9.19	39.50	35.04	Peak	100	312	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.08	57.37	74.00	-16.63	43.72	9.19	39.50	35.04	Peak	100	174	VERTICAL
2	11398.25	44.04	54.00	-9.96	30.39	9.19	39.50	35.04	Average	100	174	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15572.29	44.35	54.00	-9.65	31.08	10.78	38.07	35.58	Average	100	102	HORIZONTAL
2	15573.14	57.46	74.00	-16.54	44.19	10.78	38.07	35.58	Peak	100	102	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15570.16	57.60	74.00	-16.40	44.31	10.78	38.09	35.58	Peak	100	300	VERTICAL
2	15572.39	44.28	54.00	-9.72	31.01	10.78	38.07	35.58	Average	100	300	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10462.05	43.32	54.00	-10.68	30.06	8.56	39.94	35.24	Average	100	70	HORIZONTAL
2	10463.73	56.96	74.00	-17.04	43.70	8.56	39.94	35.24	Peak	100	70	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10456.47	56.43	74.00	-17.57	43.21	8.55	39.91	35.24	Peak	100	207	VERTICAL
2	10464.82	43.48	54.00	-10.52	30.22	8.56	39.94	35.24	Average	100	207	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.43	44.69	54.00	-9.31	31.71	10.80	37.72	35.54	Average	100	260	HORIZONTAL
2	15809.31	57.94	74.00	-16.06	44.96	10.80	37.72	35.54	Peak	100	260	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15806.06	57.54	74.00	-16.46	44.56	10.80	37.72	35.54	Peak	100	103	VERTICAL
2	15810.00	44.39	54.00	-9.61	31.41	10.80	37.72	35.54	Average	100	103	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10615.02	56.92	74.00	-17.08	43.51	8.65	39.88	35.12	Peak	100	226	HORIZONTAL
2	10622.20	43.81	54.00	-10.19	30.40	8.65	39.88	35.12	Average	100	226	HORIZONTAL
3	15926.06	57.79	74.00	-16.21	44.96	10.81	37.53	35.51	Peak	100	111	HORIZONTAL
4	15930.19	44.66	54.00	-9.34	31.85	10.81	37.51	35.51	Average	100	111	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10618.86	56.61	74.00	-17.39	43.20	8.65	39.88	35.12	Peak	100	241	VERTICAL
2	10621.06	43.67	54.00	-10.33	30.26	8.65	39.88	35.12	Average	100	241	VERTICAL
3	15927.53	58.14	74.00	-15.86	45.31	10.81	37.53	35.51	Peak	100	149	VERTICAL
4	15933.75	44.67	54.00	-9.33	31.86	10.81	37.51	35.51	Average	100	149	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11019.78	43.74	54.00	-10.26	30.11	8.94	39.50	34.81	Average	100	229	HORIZONTAL
2	11022.76	56.88	74.00	-17.12	43.24	8.95	39.50	34.81	Peak	100	229	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11023.69	57.00	74.00	-17.00	43.36	8.95	39.50	34.81	Peak	100	104	VERTICAL
2	11024.23	43.82	54.00	-10.18	30.18	8.95	39.50	34.81	Average	100	104	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.88	43.70	54.00	-10.30	30.07	8.99	39.50	34.86	Average	100	114	HORIZONTAL
2	11103.56	56.86	74.00	-17.14	43.23	8.99	39.50	34.86	Peak	100	114	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11098.48	43.68	54.00	-10.32	30.05	8.99	39.50	34.86	Average	100	249	VERTICAL
2	11103.17	56.95	74.00	-17.05	43.32	8.99	39.50	34.86	Peak	100	249	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11335.51	56.87	74.00	-17.13	43.22	9.14	39.50	34.99	Peak	100	213	HORIZONTAL
2	11343.09	43.85	54.00	-10.15	30.22	9.14	39.50	35.01	Average	100	213	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.08	57.40	74.00	-16.60	43.75	9.14	39.50	34.99	Peak	100	181	VERTICAL
2	11343.40	43.85	54.00	-10.15	30.22	9.14	39.50	35.01	Average	100	181	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 Non-Beamforming Mode

For 1TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15539.24	44.25	54.00	-9.75	28.39	12.58	38.45	35.17	Average	101	316	HORIZONTAL
2	15541.00	57.79	74.00	-16.21	41.93	12.58	38.45	35.17	Peak	101	316	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15537.59	44.43	54.00	-9.57	28.57	12.58	38.45	35.17	Average	101	124	VERTICAL
2	15542.49	58.12	74.00	-15.88	42.26	12.58	38.45	35.17	Peak	101	124	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15595.00	64.57	74.00	-9.43	48.81	12.58	38.36	35.18	Peak	128	182	HORIZONTAL
2	15597.31	49.42	54.00	-4.58	33.66	12.58	38.36	35.18	Average	128	182	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15597.84	59.58	74.00	-14.42	43.82	12.58	38.36	35.18	Peak	100	155	VERTICAL
2	15601.39	46.54	54.00	-7.46	30.79	12.58	38.36	35.19	Average	100	155	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15712.95	61.49	74.00	-12.51	45.92	12.57	38.21	35.21	Peak	122	181	HORIZONTAL
2	15716.35	46.91	54.00	-7.09	31.36	12.57	38.19	35.21	Average	122	181	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15716.15	44.65	54.00	-9.35	29.10	12.57	38.19	35.21	Average	121	228	VERTICAL
2	15718.91	58.89	74.00	-15.11	43.34	12.57	38.19	35.21	Peak	121	228	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15782.50	45.67	54.00	-8.33	30.25	12.57	38.09	35.24	Average	119	184	HORIZONTAL
2	15787.63	60.66	74.00	-13.34	45.24	12.57	38.09	35.24	Peak	119	184	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15782.50	58.29	74.00	-15.71	42.87	12.57	38.09	35.24	Peak	124	230	VERTICAL
2	15782.63	43.92	54.00	-10.08	28.50	12.57	38.09	35.24	Average	124	230	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10597.99	41.42	54.00	-12.58	27.59	10.16	38.92	35.25	Average	101	219	HORIZONTAL
2	10601.23	54.70	74.00	-19.30	40.82	10.19	38.92	35.23	Peak	101	219	HORIZONTAL
3	15893.08	59.60	74.00	-14.40	44.35	12.57	37.94	35.26	Peak	111	169	HORIZONTAL
4	15900.06	44.77	54.00	-9.23	29.52	12.57	37.94	35.26	Average	111	169	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10598.68	41.45	54.00	-12.55	27.62	10.16	38.92	35.25	Average	101	238	VERTICAL
2	10600.15	54.68	74.00	-19.32	40.85	10.16	38.92	35.25	Peak	101	238	VERTICAL
3	15901.24	57.95	74.00	-16.05	42.72	12.57	37.92	35.26	Peak	100	222	VERTICAL
4	15901.45	43.33	54.00	-10.67	28.10	12.57	37.92	35.26	Average	100	222	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10637.59	41.12	54.00	-12.88	27.20	10.21	38.93	35.22	Average	100	137	HORIZONTAL
2	10639.97	54.59	74.00	-19.41	40.67	10.21	38.93	35.22	Peak	100	137	HORIZONTAL
3	15961.26	43.48	54.00	-10.52	28.35	12.56	37.85	35.28	Average	100	256	HORIZONTAL
4	15961.43	57.26	74.00	-16.74	42.13	12.56	37.85	35.28	Peak	100	256	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10641.88	54.43	74.00	-19.57	40.51	10.21	38.93	35.22	Peak	100	210	VERTICAL
2	10642.11	41.07	54.00	-12.93	27.15	10.21	38.93	35.22	Average	100	210	VERTICAL
3	15958.53	56.78	74.00	-17.22	41.65	12.56	37.85	35.28	Peak	100	119	VERTICAL
4	15958.70	43.44	54.00	-10.56	28.31	12.56	37.85	35.28	Average	100	119	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.41	56.44	74.00	-17.56	41.87	10.55	39.00	34.98	Peak	100	146	HORIZONTAL
2	11002.04	42.49	54.00	-11.51	27.92	10.55	39.00	34.98	Average	100	146	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11000.22	42.65	54.00	-11.35	28.08	10.55	39.00	34.98	Average	100	251	VERTICAL
2	11000.46	55.39	74.00	-18.61	40.82	10.55	39.00	34.98	Peak	100	251	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11157.73	55.22	74.00	-18.78	40.49	10.60	39.13	35.00	Peak	100	202	HORIZONTAL
2	11157.99	42.28	54.00	-11.72	27.55	10.60	39.13	35.00	Average	100	202	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.90	42.24	54.00	-11.76	27.51	10.60	39.13	35.00	Average	100	100	VERTICAL
2	11161.56	55.18	74.00	-18.82	40.45	10.60	39.13	35.00	Peak	100	100	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.34	42.63	54.00	-11.37	27.66	10.69	39.32	35.04	Average	100	185	HORIZONTAL
2	11401.40	56.60	74.00	-17.40	41.63	10.69	39.32	35.04	Peak	100	185	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.18	56.03	74.00	-17.97	41.06	10.69	39.32	35.04	Peak	100	81	VERTICAL
2	11401.37	42.59	54.00	-11.41	27.62	10.69	39.32	35.04	Average	100	81	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15568.37	57.28	74.00	-16.72	41.47	12.58	38.40	35.17	Peak	100	83	HORIZONTAL
2	15570.06	43.95	54.00	-10.05	28.14	12.58	38.40	35.17	Average	100	83	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15567.89	57.32	74.00	-16.68	41.51	12.58	38.40	35.17	Peak	100	190	VERTICAL
2	15570.19	44.05	54.00	-9.95	28.24	12.58	38.40	35.17	Average	100	190	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15690.67	57.67	74.00	-16.33	42.07	12.58	38.23	35.21	Peak	109	182	HORIZONTAL
2	15690.88	44.52	54.00	-9.48	28.92	12.58	38.23	35.21	Average	109	182	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15689.33	58.16	74.00	-15.84	42.56	12.58	38.23	35.21	Peak	107	219	VERTICAL
2	15690.95	44.11	54.00	-9.89	28.51	12.58	38.23	35.21	Average	107	219	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15811.41	43.06	54.00	-10.94	27.66	12.57	38.07	35.24	Average	100	226	HORIZONTAL
2	15811.47	56.33	74.00	-17.67	40.93	12.57	38.07	35.24	Peak	100	226	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15808.68	43.08	54.00	-10.92	27.68	12.57	38.07	35.24	Average	100	135	VERTICAL
2	15810.27	56.41	74.00	-17.59	41.01	12.57	38.07	35.24	Peak	100	135	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10618.61	41.21	54.00	-12.79	27.33	10.19	38.92	35.23	Average	100	196	HORIZONTAL
2	10621.08	54.74	74.00	-19.26	40.86	10.19	38.92	35.23	Peak	100	196	HORIZONTAL
3	15931.31	56.33	74.00	-17.67	41.15	12.56	37.90	35.28	Peak	100	125	HORIZONTAL
4	15931.95	43.31	54.00	-10.69	28.13	12.56	37.90	35.28	Average	100	125	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.97	41.19	54.00	-12.81	27.31	10.19	38.92	35.23	Average	100	96	VERTICAL
2	10621.45	54.70	74.00	-19.30	40.82	10.19	38.92	35.23	Peak	100	96	VERTICAL
3	15929.97	56.87	74.00	-17.13	41.68	12.56	37.90	35.27	Peak	100	200	VERTICAL
4	15930.68	43.27	54.00	-10.73	28.09	12.56	37.90	35.28	Average	100	200	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11000.90	42.31	54.00	-11.69	27.74	10.55	39.00	34.98	Average	100	265	HORIZONTAL
2	11001.74	55.83	74.00	-18.17	41.26	10.55	39.00	34.98	Peak	100	265	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.18	42.23	54.00	-11.77	27.66	10.55	39.00	34.98	Average	100	154	VERTICAL
2	11000.66	55.71	74.00	-18.29	41.14	10.55	39.00	34.98	Peak	100	154	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11100.17	42.01	54.00	-11.99	27.34	10.58	39.08	34.99	Average	100	79	HORIZONTAL
2	11100.31	55.43	74.00	-18.57	40.76	10.58	39.08	34.99	Peak	100	79	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11099.68	42.16	54.00	-11.84	27.49	10.58	39.08	34.99	Average	100	237	VERTICAL
2	11100.50	55.17	74.00	-18.83	40.50	10.58	39.08	34.99	Peak	100	237	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1
Test Date	Sep. 25, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.11	42.62	54.00	-11.38	27.72	10.66	39.27	35.03	Average	100	150	HORIZONTAL
2	11341.59	56.36	74.00	-17.64	41.45	10.67	39.27	35.03	Peak	100	150	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.37	42.53	54.00	-11.47	27.62	10.67	39.27	35.03	Average	100	176	VERTICAL
2	11341.74	55.98	74.00	-18.02	41.07	10.67	39.27	35.03	Peak	100	176	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 2TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15536.63	44.23	54.00	-9.77	28.37	12.58	38.45	35.17	Average	100	205	HORIZONTAL
2	15542.60	57.34	74.00	-16.66	41.48	12.58	38.45	35.17	Peak	100	205	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15543.86	44.17	54.00	-9.83	28.33	12.58	38.43	35.17	Average	100	159	VERTICAL
2	15543.99	57.75	74.00	-16.25	41.91	12.58	38.43	35.17	Peak	100	159	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15592.82	64.93	74.00	-9.07	49.15	12.58	38.38	35.18	Peak	117	262	HORIZONTAL
2	15595.06	49.78	54.00	-4.22	34.02	12.58	38.36	35.18	Average	117	262	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15597.24	65.10	74.00	-8.90	49.34	12.58	38.36	35.18	Peak	107	154	VERTICAL
2	15599.62	49.64	54.00	-4.36	33.89	12.58	38.36	35.19	Average	107	154	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15719.81	52.85	54.00	-1.15	37.30	12.57	38.19	35.21	Average	122	145	HORIZONTAL
2	15720.83	68.34	74.00	-5.66	52.79	12.57	38.19	35.21	Peak	122	145	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15712.56	68.25	74.00	-5.75	52.68	12.57	38.21	35.21	Peak	107	170	VERTICAL
2	15714.04	52.99	54.00	-1.01	37.44	12.57	38.19	35.21	Average	107	170	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15776.79	62.89	74.00	-11.11	47.44	12.57	38.11	35.23	Peak	100	151	HORIZONTAL
2	15779.55	48.41	54.00	-5.59	32.97	12.57	38.11	35.24	Average	100	151	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15782.37	51.06	54.00	-2.94	35.64	12.57	38.09	35.24	Average	119	169	VERTICAL
2	15785.83	66.11	74.00	-7.89	50.69	12.57	38.09	35.24	Peak	119	169	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10597.77	41.29	54.00	-12.71	27.46	10.16	38.92	35.25	Average	100	232	HORIZONTAL
2	10599.73	54.87	74.00	-19.13	41.04	10.16	38.92	35.25	Peak	100	232	HORIZONTAL
3	15901.35	44.60	54.00	-9.40	29.37	12.57	37.92	35.26	Average	113	153	HORIZONTAL
4	15919.68	58.43	74.00	-15.57	43.24	12.56	37.90	35.27	Peak	113	153	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.10	54.32	74.00	-19.68	40.44	10.19	38.92	35.23	Peak	100	121	VERTICAL
2	10601.15	41.32	54.00	-12.68	27.44	10.19	38.92	35.23	Average	100	121	VERTICAL
3	15894.29	59.74	74.00	-14.26	44.49	12.57	37.94	35.26	Peak	119	161	VERTICAL
4	15897.18	45.32	54.00	-8.68	30.07	12.57	37.94	35.26	Average	119	161	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10640.67	54.83	74.00	-19.17	40.91	10.21	38.93	35.22	Peak	100	206	HORIZONTAL
2	10641.78	41.18	54.00	-12.82	27.26	10.21	38.93	35.22	Average	100	206	HORIZONTAL
3	15957.50	43.33	54.00	-10.67	28.20	12.56	37.85	35.28	Average	100	163	HORIZONTAL
4	15960.70	56.43	74.00	-17.57	41.30	12.56	37.85	35.28	Peak	100	163	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.56	54.16	74.00	-19.84	40.24	10.21	38.93	35.22	Peak	100	108	VERTICAL
2	10641.37	41.20	54.00	-12.80	27.28	10.21	38.93	35.22	Average	100	108	VERTICAL
3	15958.41	56.95	74.00	-17.05	41.82	12.56	37.85	35.28	Peak	100	188	VERTICAL
4	15959.70	43.41	54.00	-10.59	28.28	12.56	37.85	35.28	Average	100	188	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.97	42.37	54.00	-11.63	27.80	10.55	39.00	34.98	Average	100	229	HORIZONTAL
2	11000.21	55.35	74.00	-18.65	40.78	10.55	39.00	34.98	Peak	100	229	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.52	42.12	54.00	-11.88	27.55	10.55	39.00	34.98	Average	100	118	VERTICAL
2	10999.10	55.80	74.00	-18.20	41.23	10.55	39.00	34.98	Peak	100	118	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11158.03	55.18	74.00	-18.82	40.45	10.60	39.13	35.00	Peak	100	198	HORIZONTAL
2	11161.34	41.75	54.00	-12.25	27.02	10.60	39.13	35.00	Average	100	198	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11160.38	42.43	54.00	-11.57	27.70	10.60	39.13	35.00	Average	100	140	VERTICAL
2	11162.39	55.32	74.00	-18.68	40.58	10.61	39.13	35.00	Peak	100	140	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.14	55.75	74.00	-18.25	40.78	10.69	39.32	35.04	Peak	100	149	HORIZONTAL
2	11402.19	42.36	54.00	-11.64	27.39	10.69	39.32	35.04	Average	100	149	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.79	42.30	54.00	-11.70	27.33	10.69	39.32	35.04	Average	100	191	VERTICAL
2	11401.35	56.06	74.00	-17.94	41.09	10.69	39.32	35.04	Peak	100	191	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15542.12	43.69	54.00	-10.31	27.83	12.58	38.45	35.17	Average	100	185	HORIZONTAL
2	15542.15	56.92	74.00	-17.08	41.06	12.58	38.45	35.17	Peak	100	185	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15540.18	43.49	54.00	-10.51	27.63	12.58	38.45	35.17	Average	100	236	VERTICAL
2	15540.26	57.06	74.00	-16.94	41.20	12.58	38.45	35.17	Peak	100	236	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15691.26	44.62	54.00	-9.38	29.02	12.58	38.23	35.21	Average	100	144	HORIZONTAL
2	15692.15	58.08	74.00	-15.92	42.48	12.58	38.23	35.21	Peak	100	144	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15692.25	44.60	54.00	-9.40	29.00	12.58	38.23	35.21	Average	100	225	VERTICAL
2	15692.37	57.79	74.00	-16.21	42.19	12.58	38.23	35.21	Peak	100	225	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.61	58.64	74.00	-15.36	43.24	12.57	38.07	35.24	Peak	127	116	HORIZONTAL
2	15809.85	46.00	54.00	-8.00	30.60	12.57	38.07	35.24	Average	127	116	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15810.90	45.73	54.00	-8.27	30.33	12.57	38.07	35.24	Average	100	244	VERTICAL
2	15816.71	58.33	74.00	-15.67	42.96	12.57	38.04	35.24	Peak	100	244	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10606.40	42.65	54.00	-11.35	28.77	10.19	38.92	35.23	Average	120	268	HORIZONTAL
2	10618.12	55.10	74.00	-18.90	41.22	10.19	38.92	35.23	Peak	120	268	HORIZONTAL
3	15905.40	45.87	54.00	-8.13	30.66	12.56	37.92	35.27	Average	218	332	HORIZONTAL
4	15906.92	58.42	74.00	-15.58	43.21	12.56	37.92	35.27	Peak	218	332	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10597.79	42.33	54.00	-11.67	28.50	10.16	38.92	35.25	Average	107	323	VERTICAL
2	10605.53	55.37	74.00	-18.63	41.49	10.19	38.92	35.23	Peak	107	323	VERTICAL
3	15905.18	45.84	54.00	-8.16	30.63	12.56	37.92	35.27	Average	199	51	VERTICAL
4	15905.62	60.12	74.00	-13.88	44.91	12.56	37.92	35.27	Peak	199	51	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11020.87	55.71	74.00	-18.29	41.12	10.56	39.01	34.98	Peak	101	95	HORIZONTAL
2	11042.00	43.27	54.00	-10.73	28.65	10.57	39.04	34.99	Average	101	95	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11012.11	56.18	74.00	-17.82	41.59	10.56	39.01	34.98	Peak	101	57	VERTICAL
2	11018.92	42.45	54.00	-11.55	27.86	10.56	39.01	34.98	Average	101	57	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11100.43	43.25	54.00	-10.75	28.58	10.58	39.08	34.99	Average	107	317	HORIZONTAL
2	11113.60	55.98	74.00	-18.02	41.30	10.59	39.09	35.00	Peak	107	317	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11104.27	43.19	54.00	-10.81	28.52	10.58	39.08	34.99	Average	101	297	VERTICAL
2	11124.75	57.97	74.00	-16.03	43.27	10.59	39.11	35.00	Peak	101	297	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11318.22	56.11	74.00	-17.89	41.23	10.66	39.25	35.03	Peak	141	107	HORIZONTAL
2	11351.07	43.59	54.00	-10.41	28.67	10.67	39.28	35.03	Average	141	107	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11327.63	43.48	54.00	-10.52	28.58	10.66	39.27	35.03	Average	103	133	VERTICAL
2	11347.16	56.20	74.00	-17.80	41.28	10.67	39.28	35.03	Peak	103	133	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 3TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15539.77	44.08	54.00	-9.92	30.78	10.77	38.12	35.59	Average	100	102	HORIZONTAL
2	15540.57	58.39	74.00	-15.61	45.09	10.77	38.12	35.59	Peak	100	102	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15539.38	57.50	74.00	-16.50	44.20	10.77	38.12	35.59	Peak	100	351	VERTICAL
2	15540.47	44.32	54.00	-9.68	31.02	10.77	38.12	35.59	Average	100	351	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15599.88	44.89	54.00	-9.11	31.65	10.78	38.04	35.58	Average	100	125	HORIZONTAL
2	15600.69	57.44	74.00	-16.56	44.20	10.78	38.04	35.58	Peak	100	125	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15599.18	57.71	74.00	-16.29	44.47	10.78	38.04	35.58	Peak	100	335	VERTICAL
2	15600.58	44.88	54.00	-9.12	31.64	10.78	38.04	35.58	Average	100	335	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15719.74	61.13	74.00	-12.87	48.05	10.79	37.85	35.56	Peak	100	26	HORIZONTAL
2	15720.78	47.91	54.00	-6.09	34.83	10.79	37.85	35.56	Average	100	26	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15720.50	51.40	54.00	-2.60	38.32	10.79	37.85	35.56	Average	122	234	VERTICAL
2	15720.80	65.30	74.00	-8.70	52.22	10.79	37.85	35.56	Peak	122	234	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.55	44.60	54.00	-9.40	31.59	10.80	37.75	35.54	Average	100	246	HORIZONTAL
2	15780.59	58.75	74.00	-15.25	45.74	10.80	37.75	35.54	Peak	100	246	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.52	57.54	74.00	-16.46	44.53	10.80	37.75	35.54	Peak	100	316	VERTICAL
2	15780.94	46.31	54.00	-7.69	33.30	10.80	37.75	35.54	Average	590	316	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 60 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.21	56.60	74.00	-17.40	43.20	8.64	39.90	35.14	Peak	100	185	HORIZONTAL
2	10600.48	42.55	54.00	-11.45	29.15	8.64	39.90	35.14	Average	100	185	HORIZONTAL
3	15900.34	58.76	74.00	-15.24	45.91	10.81	37.56	35.52	Peak	100	31	HORIZONTAL
4	15900.66	46.60	54.00	-7.40	33.75	10.81	37.56	35.52	Average	100	31	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10599.54	56.15	74.00	-17.85	42.75	8.64	39.90	35.14	Peak	100	265	VERTICAL
2	10600.61	42.83	54.00	-11.17	29.43	8.64	39.90	35.14	Average	100	265	VERTICAL
3	15899.06	59.40	74.00	-14.60	46.55	10.81	37.56	35.52	Peak	100	320	VERTICAL
4	15899.52	45.73	54.00	-8.27	32.88	10.81	37.56	35.52	Average	100	320	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.54	41.95	54.00	-12.05	28.52	8.66	39.86	35.09	Average	100	124	HORIZONTAL
2	10640.98	57.18	74.00	-16.82	43.75	8.66	39.86	35.09	Peak	100	124	HORIZONTAL
3	15960.38	44.76	54.00	-9.24	31.97	10.82	37.48	35.51	Average	100	245	HORIZONTAL
4	15960.70	59.30	74.00	-14.70	46.51	10.82	37.48	35.51	Peak	100	245	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.84	42.30	54.00	-11.70	28.87	8.66	39.86	35.09	Average	199	321	VERTICAL
2	10642.10	55.63	74.00	-18.37	42.20	8.66	39.86	35.09	Peak	100	321	VERTICAL
3	15960.05	44.99	54.00	-9.01	32.20	10.82	37.48	35.51	Average	100	172	VERTICAL
4	15960.20	57.97	74.00	-16.03	45.18	10.82	37.48	35.51	Peak	100	172	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.44	42.25	54.00	-11.75	28.62	8.93	39.50	34.80	Average	100	183	HORIZONTAL
2	11001.06	55.44	74.00	-18.56	41.81	8.93	39.50	34.80	Peak	100	183	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10997.18	56.22	74.00	-17.78	42.59	8.93	39.50	34.80	Peak	100	320	VERTICAL
2	11004.12	42.44	54.00	-11.56	28.81	8.93	39.50	34.80	Average	198	320	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 116 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11155.78	56.92	74.00	-17.08	43.28	9.03	39.50	34.89	Peak	100	104	HORIZONTAL
2	11157.10	42.66	54.00	-11.34	29.02	9.03	39.50	34.89	Average	100	104	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11157.06	56.49	74.00	-17.51	42.85	9.03	39.50	34.89	Peak	100	285	VERTICAL
2	11160.12	43.78	54.00	-10.22	30.13	9.04	39.50	34.89	Average	100	285	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.28	56.39	74.00	-17.61	42.74	9.19	39.50	35.04	Peak	100	123	HORIZONTAL
2	11401.20	42.26	54.00	-11.74	28.61	9.19	39.50	35.04	Average	100	123	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11400.08	55.72	74.00	-18.28	42.07	9.19	39.50	35.04	Peak	100	351	VERTICAL
2	11404.64	42.53	54.00	-11.47	28.88	9.19	39.50	35.04	Average	183	351	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15565.18	57.63	74.00	-16.37	44.34	10.78	38.09	35.58	Peak	100	107	HORIZONTAL
2	15570.80	43.99	54.00	-10.01	30.70	10.78	38.09	35.58	Average	100	107	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15569.00	57.53	74.00	-16.47	44.24	10.78	38.09	35.58	Peak	100	286	VERTICAL
2	15572.80	44.16	54.00	-9.84	30.89	10.78	38.07	35.58	Average	100	286	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15690.34	44.14	54.00	-9.86	31.00	10.79	37.91	35.56	Average	100	122	HORIZONTAL
2	15693.66	56.89	74.00	-17.11	43.78	10.79	37.88	35.56	Peak	100	122	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15687.56	44.29	54.00	-9.71	31.15	10.79	37.91	35.56	Average	100	272	VERTICAL
2	15688.02	57.28	74.00	-16.72	44.14	10.79	37.91	35.56	Peak	100	272	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15806.72	58.97	74.00	-15.03	45.99	10.80	37.72	35.54	Peak	100	143	HORIZONTAL
2	15808.40	44.75	54.00	-9.25	31.77	10.80	37.72	35.54	Average	100	143	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15812.16	58.67	74.00	-15.33	45.71	10.80	37.69	35.53	Peak	100	342	VERTICAL
2	15812.60	45.03	54.00	-8.97	32.07	10.80	37.69	35.53	Average	100	342	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11nMCS0 HT40 CH 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10615.08	56.27	74.00	-17.73	42.86	8.65	39.88	35.12	Peak	100	265	HORIZONTAL
2	10616.54	42.15	54.00	-11.85	28.74	8.65	39.88	35.12	Average	100	265	HORIZONTAL
3	15925.52	58.27	74.00	-15.73	45.44	10.81	37.53	35.51	Peak	100	321	HORIZONTAL
4	15926.54	45.61	54.00	-8.39	32.78	10.81	37.53	35.51	Average	100	321	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10615.12	42.41	54.00	-11.59	29.00	8.65	39.88	35.12	Average	100	63	VERTICAL
2	10617.56	55.69	74.00	-18.31	42.28	8.65	39.88	35.12	Peak	100	63	VERTICAL
3	15927.66	58.23	74.00	-15.77	45.40	10.81	37.53	35.51	Peak	100	152	VERTICAL
4	15931.34	45.32	54.00	-8.68	32.51	10.81	37.51	35.51	Average	100	152	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11021.26	42.41	54.00	-11.59	28.78	8.94	39.50	34.81	Average	100	256	HORIZONTAL
2	11022.26	55.66	74.00	-18.34	42.02	8.95	39.50	34.81	Peak	100	256	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11020.12	55.83	74.00	-18.17	42.20	8.94	39.50	34.81	Peak	100	36	VERTICAL
2	11024.34	42.31	54.00	-11.69	28.67	8.95	39.50	34.81	Average	100	36	VERTICAL

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 110 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11096.14	42.76	54.00	-11.24	29.13	8.99	39.50	34.86	Average	100	123	HORIZONTAL
2	11099.94	56.18	74.00	-17.82	42.55	8.99	39.50	34.86	Peak	100	123	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.82	42.58	54.00	-11.42	28.95	8.99	39.50	34.86	Average	100	256	VERTICAL
2	11096.26	55.84	74.00	-18.16	42.21	8.99	39.50	34.86	Peak	100	256	VERTICAL

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11351.44	42.79	54.00	-11.21	29.15	9.15	39.50	35.01	Average	100	98	HORIZONTAL
2	11353.60	56.47	74.00	-17.53	42.83	9.15	39.50	35.01	Peak	100	98	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11347.36	42.92	54.00	-11.08	29.28	9.15	39.50	35.01	Average	100	199	VERTICAL
2	11350.96	56.38	74.00	-17.62	42.74	9.15	39.50	35.01	Peak	100	199	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.

4.5. Band Edge Emissions Measurement

4.5.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.470-5.725 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. 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

4.5.2. 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

4.5.3. Test Procedures

1. The test procedure is the same as section 4.4.3, only the frequency range investigated is limited to 100MHz around bandedges.

4.5.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.4.4.

4.5.5. Test Deviation

There is no deviation with the original standard.

4.5.6. 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 continuously transmitting mode.

The measured result was added array gain 10*log(2)=3.01dBi as worse case in beamforming mode.

The measured result was added array gain 10*log(3)=4.77dBi as worse case in beamforming mode.

4.5.7. Test Result of Band Edge and Fundamental Emissions

Mode 1 (Ant.6 Dipole antenna / 8dBi)

For Beamforming Mode

For 2TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.80	71.92	74.00	-2.08	66.51	6.21	34.11	34.91	Peak	100	168	VERTICAL
2	5150.00	52.41	54.00	-1.59	47.00	6.21	34.11	34.91	Average	100	168	VERTICAL
3	5186.40	114.49			109.00	6.24	34.16	34.91	Peak	100	168	VERTICAL
4	5186.80	102.19			96.70	6.24	34.16	34.91	Average	100	168	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.40	69.76	74.00	-4.24	64.35	6.21	34.11	34.91	Peak	100	191	VERTICAL
2	5150.00	52.94	54.00	-1.06	47.53	6.21	34.11	34.91	Average	100	191	VERTICAL
3	5207.20	120.32			114.78	6.27	34.18	34.91	Peak	100	191	VERTICAL
4	5208.00	109.03			103.47	6.27	34.20	34.91	Average	100	191	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5246.60	110.91			105.23	6.34	34.25	34.91	Average	100	183	VERTICAL
2	5247.20	120.82			115.14	6.34	34.25	34.91	Peak	100	183	VERTICAL
3	5350.00	52.28	54.00	-1.72	46.33	6.47	34.39	34.91	Average	100	183	VERTICAL
4	5350.00	67.36	74.00	-6.64	61.41	6.47	34.39	34.91	Peak	100	183	VERTICAL

Item 1, 2 are the fundamental frequency at 5240 MHz.

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5264.00	111.79			106.09	6.34	34.27	34.91	Average	100	183	VERTICAL
2	5264.80	124.57			118.87	6.34	34.27	34.91	Peak	100	183	VERTICAL
3	5350.00	52.67	54.00	-1.33	46.72	6.47	34.39	34.91	Average	100	183	VERTICAL
4	5353.20	65.58	74.00	-8.42	59.63	6.47	34.39	34.91	Peak	100	183	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5305.20	108.41			102.60	6.40	34.32	34.91	Average	100	177	VERTICAL
2	5305.20	120.66			114.85	6.40	34.32	34.91	Peak	100	177	VERTICAL
3	5350.00	52.65	54.00	-1.35	46.70	6.47	34.39	34.91	Average	100	177	VERTICAL
4	5350.80	68.59	74.00	-5.41	62.64	6.47	34.39	34.91	Peak	100	177	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5325.60	104.92			99.06	6.43	34.34	34.91	Average	100	214	VERTICAL
2	5325.60	116.54			110.68	6.43	34.34	34.91	Peak	100	214	VERTICAL
3	5350.00	52.69	54.00	-1.31	46.74	6.47	34.39	34.91	Average	100	214	VERTICAL
4	5350.40	71.43	74.00	-2.57	65.48	6.47	34.39	34.91	Peak	100	214	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.60	61.41	74.00	-12.59	55.20	6.60	34.53	34.92	Peak	108	15	VERTICAL
2	5460.00	48.35	54.00	-5.65	42.14	6.60	34.53	34.92	Average	108	15	VERTICAL
3	5469.60	52.43	54.00	-1.57	46.20	6.60	34.55	34.92	Average	108	15	VERTICAL
4	5470.00	71.61	74.00	-2.39	65.38	6.60	34.55	34.92	Peak	108	15	VERTICAL
5	5492.20	116.31			110.02	6.63	34.58	34.92	Peak	108	15	VERTICAL
6	5492.60	105.08			98.79	6.63	34.58	34.92	Average	108	15	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5425.00	63.15	74.00	-10.85	57.03	6.56	34.48	34.92	Peak	108	15	VERTICAL
2	5440.00	52.07	54.00	-1.93	45.92	6.56	34.51	34.92	Average	108	15	VERTICAL
3	5465.00	62.13	74.00	-11.87	55.90	6.60	34.55	34.92	Peak	108	15	VERTICAL
4	5470.00	49.90	54.00	-4.10	43.67	6.60	34.55	34.92	Average	108	15	VERTICAL
5	5572.00	104.96			98.56	6.70	34.63	34.93	Average	108	15	VERTICAL
6	5586.00	117.13			110.71	6.72	34.63	34.93	Peak	108	15	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5692.00	103.40			96.85	6.81	34.68	34.94	Average	125	335	VERTICAL
2	5693.20	115.37			108.82	6.81	34.68	34.94	Peak	125	335	VERTICAL
3	5729.80	52.96	54.00	-1.04	46.38	6.83	34.69	34.94	Average	125	335	VERTICAL
4	5731.40	72.06	74.00	-1.94	65.45	6.86	34.69	34.94	Peak	125	335	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5145.20	68.56	74.00	-5.44	63.15	6.21	34.11	34.91	Peak	100	190	VERTICAL
2	5148.60	52.85	54.00	-1.15	47.44	6.21	34.11	34.91	Average	100	190	VERTICAL
3	5207.20	94.23			88.69	6.27	34.18	34.91	Average	100	190	VERTICAL
4	5207.20	106.38			100.84	6.27	34.18	34.91	Peak	100	190	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5141.00	52.20	54.00	-1.80	46.83	6.17	34.11	34.91	Average	101	170	VERTICAL
2	5141.00	68.58	74.00	-5.42	63.21	6.17	34.11	34.91	Peak	101	170	VERTICAL
3	5217.40	102.45			96.89	6.27	34.20	34.91	Average	101	170	VERTICAL
4	5217.40	114.89			109.33	6.27	34.20	34.91	Peak	101	170	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5282.00	117.52			111.76	6.37	34.30	34.91	Peak	101	222	VERTICAL
2	5285.20	105.35			99.59	6.37	34.30	34.91	Average	101	222	VERTICAL
3	5350.00	52.40	54.00	-1.60	46.45	6.47	34.39	34.91	Average	101	222	VERTICAL
4	5363.60	68.19	74.00	-5.81	62.22	6.47	34.41	34.91	Peak	101	222	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5296.40	98.33			92.55	6.37	34.32	34.91	Average	100	176	VERTICAL
2	5296.40	110.64			104.86	6.37	34.32	34.91	Peak	100	176	VERTICAL
3	5351.20	69.12	74.00	-4.88	63.17	6.47	34.39	34.91	Peak	100	176	VERTICAL
4	5351.60	52.65	54.00	-1.35	46.70	6.47	34.39	34.91	Average	100	176	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2
Test Date	Sep. 27, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5440.00	50.18	54.00	-3.82	44.03	6.56	34.51	34.92	Average	100	6	VERTICAL
2	5459.60	61.63	74.00	-12.37	55.42	6.60	34.53	34.92	Peak	100	6	VERTICAL
3	5469.60	67.44	74.00	-6.56	61.21	6.60	34.55	34.92	Peak	100	6	VERTICAL
4	5470.00	52.54	54.00	-1.46	46.31	6.60	34.55	34.92	Average	100	6	VERTICAL
5	5493.20	96.42			90.13	6.63	34.58	34.92	Average	100	6	VERTICAL
6	5494.40	108.85			102.56	6.63	34.58	34.92	Peak	100	6	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5455.20	64.58	74.00	-9.42	58.37	6.60	34.53	34.92	Peak	100	58	VERTICAL
2	5455.80	50.53	54.00	-3.47	44.32	6.60	34.53	34.92	Average	100	58	VERTICAL
3	5470.00	52.99	54.00	-1.01	46.76	6.60	34.55	34.92	Average	100	58	VERTICAL
4	5470.00	66.59	74.00	-7.41	60.36	6.60	34.55	34.92	Peak	100	58	VERTICAL
5	5532.60	112.65			106.28	6.68	34.61	34.92	Peak	100	58	VERTICAL
6	5534.40	100.51			94.14	6.68	34.61	34.92	Average	100	58	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5654.80	102.95			96.43	6.79	34.66	34.93	Average	101	343	VERTICAL
2	5654.80	115.26			108.74	6.79	34.66	34.93	Peak	101	343	VERTICAL
3	5726.60	72.30	74.00	-1.70	65.72	6.83	34.69	34.94	Peak	101	343	VERTICAL
4	5730.60	52.83	54.00	-1.17	46.22	6.86	34.69	34.94	Average	101	343	VERTICAL

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

Note:

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

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

For 3TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.71	54.00	-1.29	47.30	6.21	34.11	34.91	Average	100	149	VERTICAL
2	5150.00	65.02	74.00	-8.98	59.61	6.21	34.11	34.91	Peak	100	149	VERTICAL
3	5174.00	104.46			98.97	6.24	34.16	34.91	Average	100	149	VERTICAL
4	5176.00	113.45			107.96	6.24	34.16	34.91	Peak	100	149	VERTICAL
5	5400.00	52.47	54.00	-1.53	46.40	6.53	34.46	34.92	Average	100	149	VERTICAL
6	5400.00	64.68	74.00	-9.32	58.61	6.53	34.46	34.92	Peak	100	149	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5206.00	105.85			100.31	6.27	34.18	34.91	Average	100	224	VERTICAL
2	5206.00	115.06			109.52	6.27	34.18	34.91	Peak	100	224	VERTICAL
3	5360.00	52.70	54.00	-1.30	46.75	6.47	34.39	34.91	Average	100	224	VERTICAL
4	5376.00	64.41	74.00	-9.59	58.42	6.50	34.41	34.92	Peak	100	224	VERTICAL

Item 1, 2 are the fundamental frequency at 5200 MHz.

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5244.00	100.94			95.30	6.30	34.25	34.91	Average	100	189	VERTICAL
2	5246.00	110.24			104.56	6.34	34.25	34.91	Peak	100	189	VERTICAL
3	5360.00	52.82	54.00	-1.18	46.87	6.47	34.39	34.91	Average	100	189	VERTICAL
4	5412.00	64.15	74.00	-9.85	58.06	6.53	34.48	34.92	Peak	100	189	VERTICAL

Item 1, 2 are the fundamental frequency at 5240 MHz.

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5266.00	102.84			97.14	6.34	34.27	34.91	Average	100	176	VERTICAL
2	5268.00	112.73			107.03	6.34	34.27	34.91	Peak	100	176	VERTICAL
3	5440.00	52.88	54.00	-1.12	46.73	6.56	34.51	34.92	Average	100	176	VERTICAL
4	5440.00	62.95	74.00	-11.05	56.80	6.56	34.51	34.92	Peak	100	176	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5296.00	104.76			98.98	6.37	34.32	34.91	Average	100	193	VERTICAL
2	5296.00	114.05			108.27	6.37	34.32	34.91	Peak	100	193	VERTICAL
3	5382.00	53.00	54.00	-1.00	46.98	6.50	34.44	34.92	Average	100	193	VERTICAL
4	5384.00	63.89	74.00	-10.11	57.87	6.50	34.44	34.92	Peak	100	193	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5324.80	116.60			110.74	6.43	34.34	34.91	Peak	100	201	VERTICAL
2	5328.40	107.63			101.74	6.43	34.37	34.91	Average	100	201	VERTICAL
3	5400.40	52.77	54.00	-1.23	46.70	6.53	34.46	34.92	Average	100	201	VERTICAL
4	5405.20	63.59	74.00	-10.41	57.52	6.53	34.46	34.92	Peak	100	201	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5412.00	51.53	54.00	-2.47	45.44	6.53	34.48	34.92	Average	100	358	VERTICAL
2	5412.00	63.06	74.00	-10.94	56.97	6.53	34.48	34.92	Peak	100	358	VERTICAL
3	5470.00	52.96	54.00	-1.04	46.73	6.60	34.55	34.92	Average	100	358	VERTICAL
4	5470.00	70.65	74.00	-3.35	64.42	6.60	34.55	34.92	Peak	100	358	VERTICAL
5	5492.00	107.34			101.05	6.63	34.58	34.92	Average	100	358	VERTICAL
6	5492.00	117.87			111.58	6.63	34.58	34.92	Peak	100	358	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5703.40	104.50			97.95	6.81	34.68	34.94	Average	108	339	VERTICAL
2	5704.00	116.75			110.20	6.81	34.68	34.94	Peak	108	339	VERTICAL
3	5725.00	51.98	54.00	-2.02	45.40	6.83	34.69	34.94	Average	108	339	VERTICAL
4	5725.00	72.69	74.00	-1.31	66.11	6.83	34.69	34.94	Peak	108	339	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.00	68.50	74.00	-5.50	63.09	6.21	34.11	34.91	Peak	100	214	VERTICAL
2	5148.40	52.43	54.00	-1.57	47.02	6.21	34.11	34.91	Average	100	214	VERTICAL
3	5207.20	95.94			90.40	6.27	34.18	34.91	Average	100	214	VERTICAL
4	5207.60	107.66			102.10	6.27	34.20	34.91	Peak	100	214	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	48.97	54.00	-5.03	43.56	6.21	34.11	34.91	Average	100	210	VERTICAL
2	5150.00	63.08	74.00	-10.92	57.67	6.21	34.11	34.91	Peak	100	210	VERTICAL
3	5233.00	101.50			95.88	6.30	34.23	34.91	Average	100	210	VERTICAL
4	5241.00	113.55			107.93	6.30	34.23	34.91	Peak	100	210	VERTICAL
5	5382.00	65.23	74.00	-8.77	59.21	6.50	34.44	34.92	Peak	100	210	VERTICAL
6	5440.00	52.89	54.00	-1.11	46.74	6.56	34.51	34.92	Average	100	210	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5280.40	101.83			96.07	6.37	34.30	34.91	Average	100	167	VERTICAL
2	5285.60	116.09			110.33	6.37	34.30	34.91	Peak	100	167	VERTICAL
3	5363.20	66.36	74.00	-7.64	60.39	6.47	34.41	34.91	Peak	100	167	VERTICAL
4	5366.80	52.85	54.00	-1.15	46.88	6.47	34.41	34.91	Average	100	167	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5326.40	113.87			108.01	6.43	34.34	34.91	Peak	100	206	VERTICAL
2	5327.20	101.30			95.41	6.43	34.37	34.91	Average	100	206	VERTICAL
3	5350.00	52.77	54.00	-1.23	46.82	6.47	34.39	34.91	Average	100	206	VERTICAL
4	5355.60	67.94	74.00	-6.06	61.99	6.47	34.39	34.91	Peak	100	206	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 26, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5439.60	51.77	54.00	-2.23	45.62	6.56	34.51	34.92	Average	107	165	VERTICAL
2	5440.00	64.41	74.00	-9.59	58.26	6.56	34.51	34.92	Peak	107	165	VERTICAL
3	5469.60	68.63	74.00	-5.37	62.40	6.60	34.55	34.92	Peak	107	165	VERTICAL
4	5470.00	52.69	54.00	-1.31	46.46	6.60	34.55	34.92	Average	107	165	VERTICAL
5	5492.40	95.12			88.83	6.63	34.58	34.92	Average	107	165	VERTICAL
6	5509.60	107.80			101.47	6.65	34.60	34.92	Peak	107	165	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5438.00	65.54	74.00	-8.46	59.39	6.56	34.51	34.92	Peak	101	319	VERTICAL
2	5440.00	52.37	54.00	-1.63	46.22	6.56	34.51	34.92	Average	101	319	VERTICAL
3	5467.00	63.15			56.92	6.60	34.55	34.92	Peak	101	319	VERTICAL
4	5468.00	51.49			45.26	6.60	34.55	34.92	Average	101	319	VERTICAL
5	5558.00	102.84	54.00	48.84	96.45	6.70	34.62	34.93	Average	101	319	VERTICAL
6	5558.00	115.04	74.00	41.04	108.65	6.70	34.62	34.93	Peak	101	319	VERTICAL

Item 3, 4 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5653.60	104.06			97.57	6.76	34.66	34.93	Average	100	11	VERTICAL
2	5653.60	116.96			110.47	6.76	34.66	34.93	Peak	100	11	VERTICAL
3	5730.60	52.63	54.00	-1.37	46.02	6.86	34.69	34.94	Average	100	11	VERTICAL
4	5732.60	68.62	74.00	-5.38	62.01	6.86	34.69	34.94	Peak	100	11	VERTICAL

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

Note:

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

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

Mode 2 (Ant.16 Panel antenna / 3.5dBi)

For Beamforming Mode

For 2TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

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	71.57	74.00	-2.43	66.16	6.21	34.11	34.91	110	101	Peak	VERTICAL
2	5150.00	52.98	54.00	-1.02	47.57	6.21	34.11	34.91	110	101	Average	VERTICAL
3	5185.00	115.22			109.73	6.24	34.16	34.91	110	101	Peak	VERTICAL
4	5188.01	106.69			101.20	6.24	34.16	34.91	111	101	Average	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	5113.14	52.10	54.00	-1.90	46.80	6.14	34.06	34.90	122	100	Average	VERTICAL
2	5150.00	66.74	74.00	-7.26	61.33	6.21	34.11	34.91	122	100	Peak	VERTICAL
3	5195.19	112.39			106.85	6.27	34.18	34.91	122	100	Average	VERTICAL
4	5204.81	119.84			114.30	6.27	34.18	34.91	122	100	Peak	VERTICAL
5	5359.62	51.41	54.00	-2.59	45.46	6.47	34.39	34.91	122	100	Average	VERTICAL
6	5364.42	63.58	74.00	-10.42	57.61	6.47	34.41	34.91	122	100	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	5143.59	52.04	54.00	-1.96	46.67	6.17	34.11	34.91	119	101	Average	VERTICAL
2	5145.19	63.21	74.00	-10.79	57.80	6.21	34.11	34.91	119	101	Peak	VERTICAL
3	5233.59	113.91			108.29	6.30	34.23	34.91	119	101	Average	VERTICAL
4	5235.19	122.78			117.16	6.30	34.23	34.91	119	101	Peak	VERTICAL
5	5364.42	63.78	74.00	-10.22	57.81	6.47	34.41	34.91	119	101	Peak	VERTICAL
6	5479.81	51.95	54.00	-2.05	45.66	6.63	34.58	34.92	119	101	Average	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5079.49	51.52	54.00	-2.48	46.29	6.11	34.02	34.90	119	101	Average	VERTICAL
2	5137.18	60.66	74.00	-13.34	55.31	6.17	34.09	34.91	119	101	Peak	VERTICAL
3	5264.81	113.41			107.71	6.34	34.27	34.91	119	101	Average	VERTICAL
4	5266.41	120.88			115.18	6.34	34.27	34.91	119	101	Peak	VERTICAL
5	5353.21	63.52	74.00	-10.48	57.57	6.47	34.39	34.91	119	101	Peak	VERTICAL
6	5354.81	52.67	54.00	-1.33	46.72	6.47	34.39	34.91	119	101	Average	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5080.00	50.68	54.00	-3.32	45.45	6.11	34.02	34.90	120	101	Average	VERTICAL
2	5138.78	61.41	74.00	-12.59	56.06	6.17	34.09	34.91	120	101	Peak	VERTICAL
3	5293.59	120.25			114.47	6.37	34.32	34.91	120	101	Peak	VERTICAL
4	5295.19	113.06			107.28	6.37	34.32	34.91	120	101	Average	VERTICAL
5	5359.62	70.29	74.00	-3.71	64.34	6.47	34.39	34.91	120	101	Peak	VERTICAL
6	5383.65	52.40	54.00	-1.60	46.38	6.50	34.44	34.92	120	101	Average	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5080.00	49.06	54.00	-4.94	43.83	6.11	34.02	34.90	110	100	Average	VERTICAL
2	5146.80	59.81	74.00	-14.19	54.40	6.21	34.11	34.91	110	100	Peak	VERTICAL
3	5323.21	117.01			111.15	6.43	34.34	34.91	110	100	Peak	VERTICAL
4	5324.81	107.88			102.02	6.43	34.34	34.91	110	100	Average	VERTICAL
5	5350.00	52.73	54.00	-1.27	46.78	6.47	34.39	34.91	110	100	Average	VERTICAL
6	5350.00	67.53	74.00	-6.47	61.58	6.47	34.39	34.91	110	100	Peak	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014 ~ Oct. 02, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5405.51	51.46	54.00	-2.54	45.39	6.53	34.46	34.92	79	100	Average	VERTICAL
2	5460.00	64.53	74.00	-9.47	58.32	6.60	34.53	34.92	79	100	Peak	VERTICAL
3	5470.00	52.93	54.00	-1.07	46.70	6.60	34.55	34.92	79	100	Average	VERTICAL
4	5470.00	68.74	74.00	-5.26	62.51	6.60	34.55	34.92	79	100	Peak	VERTICAL
5	5495.19	105.11			98.82	6.63	34.58	34.92	79	100	Average	VERTICAL
6	5496.80	115.12			108.81	6.63	34.60	34.92	79	100	Peak	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5359.74	52.55	54.00	-1.45	46.60	6.47	34.39	34.91	92	100	Average	VERTICAL
2	5373.46	63.73	74.00	-10.27	57.74	6.50	34.41	34.92	92	100	Peak	VERTICAL
3	5465.19	64.57	74.00	-9.43	58.34	6.60	34.55	34.92	92	100	Peak	VERTICAL
4	5470.00	49.74	54.00	-4.26	43.51	6.60	34.55	34.92	92	100	Average	VERTICAL
5	5585.61	125.69			119.27	6.72	34.63	34.93	92	100	Peak	VERTICAL
6	5587.21	115.95			109.53	6.72	34.63	34.93	92	100	Average	VERTICAL
7	5725.00	49.76	54.00	-4.24	43.18	6.83	34.69	34.94	92	100	Average	VERTICAL
8	5737.82	63.29	74.00	-10.71	56.67	6.86	34.70	34.94	92	100	Peak	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5440.77	49.11	54.00	-4.89	42.96	6.56	34.51	34.92	110	100	Average	VERTICAL
2	5460.00	59.74	74.00	-14.26	53.53	6.60	34.53	34.92	110	100	Peak	VERTICAL
3	5468.40	59.83	74.00	-14.17	53.60	6.60	34.55	34.92	110	100	Peak	VERTICAL
4	5470.00	47.83	54.00	-6.17	41.60	6.60	34.55	34.92	110	100	Average	VERTICAL
5	5703.21	108.59			102.04	6.81	34.68	34.94	110	100	Average	VERTICAL
6	5704.81	117.80			111.23	6.83	34.68	34.94	110	100	Peak	VERTICAL
7	5725.00	52.95	54.00	-1.05	46.37	6.83	34.69	34.94	110	100	Average	VERTICAL
8	5726.60	70.31	74.00	-3.69	63.73	6.83	34.69	34.94	110	100	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5700 MHz.

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

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	52.74	54.00	-1.26	47.33	6.21	34.11	34.91	99	101	Average	VERTICAL
2	5150.00	65.36	74.00	-8.64	59.95	6.21	34.11	34.91	99	101	Peak	VERTICAL
3	5196.41	99.87			94.33	6.27	34.18	34.91	99	101	Average	VERTICAL
4	5206.03	109.71			104.17	6.27	34.18	34.91	99	101	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	5143.59	70.62	74.00	-3.38	65.25	6.17	34.11	34.91	100	101	Peak	VERTICAL
2	5148.40	52.90	54.00	-1.10	47.49	6.21	34.11	34.91	100	101	Average	VERTICAL
3	5246.03	109.86			104.18	6.34	34.25	34.91	100	101	Average	VERTICAL
4	5247.63	118.58			112.90	6.34	34.25	34.91	100	101	Peak	VERTICAL
5	5362.82	64.65	74.00	-9.35	58.68	6.47	34.41	34.91	100	101	Peak	VERTICAL
6	5439.74	52.35	54.00	-1.65	46.20	6.56	34.51	34.92	100	101	Average	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5079.49	51.59	54.00	-2.41	46.36	6.11	34.02	34.90	100	101	Average	VERTICAL
2	5081.09	61.83	74.00	-12.17	56.60	6.11	34.02	34.90	100	101	Peak	VERTICAL
3	5257.18	118.34			112.66	6.34	34.25	34.91	100	101	Peak	VERTICAL
4	5278.01	108.93			103.17	6.37	34.30	34.91	100	101	Average	VERTICAL
5	5359.62	52.97	54.00	-1.03	47.02	6.47	34.39	34.91	100	101	Average	VERTICAL
6	5362.82	68.14	74.00	-5.86	62.17	6.47	34.41	34.91	100	101	Peak	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5079.49	50.02	54.00	-3.98	44.79	6.11	34.02	34.90	99	101	Average	VERTICAL
2	5140.39	59.45	74.00	-14.55	54.08	6.17	34.11	34.91	99	101	Peak	VERTICAL
3	5303.59	111.89			106.08	6.40	34.32	34.91	99	101	Peak	VERTICAL
4	5324.42	102.28			96.42	6.43	34.34	34.91	99	101	Average	VERTICAL
5	5350.00	52.98	54.00	-1.02	47.03	6.47	34.39	34.91	99	101	Average	VERTICAL
6	5350.00	66.81	74.00	-7.19	60.86	6.47	34.39	34.91	99	101	Peak	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2
Test Date	Oct. 01, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5439.17	50.95	54.00	-3.05	44.80	6.56	34.51	34.92	82	100	Average	VERTICAL
2	5460.00	61.22	74.00	-12.78	55.01	6.60	34.53	34.92	82	100	Peak	VERTICAL
3	5470.00	52.83	54.00	-1.17	46.60	6.60	34.55	34.92	82	100	Average	VERTICAL
4	5470.00	66.63	74.00	-7.37	60.40	6.60	34.55	34.92	82	100	Peak	VERTICAL
5	5495.58	98.88			92.59	6.63	34.58	34.92	82	100	Average	VERTICAL
6	5495.58	108.07			101.78	6.63	34.58	34.92	82	100	Peak	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.97	52.58	54.00	-1.42	46.75	6.40	34.34	34.91	90	102	Average	VERTICAL
2	5460.00	66.87	74.00	-7.13	60.66	6.60	34.53	34.92	90	102	Peak	VERTICAL
3	5466.80	68.15	74.00	-5.85	61.92	6.60	34.55	34.92	90	102	Peak	VERTICAL
4	5468.40	52.94	54.00	-1.06	46.71	6.60	34.55	34.92	90	102	Average	VERTICAL
5	5564.42	108.63			102.24	6.70	34.62	34.93	90	102	Average	VERTICAL
6	5564.42	118.06			111.67	6.70	34.62	34.93	90	102	Peak	VERTICAL
7	5725.00	50.16	54.00	-3.84	43.58	6.83	34.69	34.94	90	102	Average	VERTICAL
8	5726.60	61.53	74.00	-12.47	54.95	6.83	34.69	34.94	90	102	Peak	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5318.97	52.31	54.00	-1.69	46.48	6.40	34.34	34.91	92	100	Average	VERTICAL
2	5399.10	62.60	74.00	-11.40	56.53	6.53	34.46	34.92	92	100	Peak	VERTICAL
3	5465.19	62.00	74.00	-12.00	55.77	6.60	34.55	34.92	92	100	Peak	VERTICAL
4	5470.00	49.69	54.00	-4.31	43.46	6.60	34.55	34.92	92	100	Average	VERTICAL
5	5657.18	107.03			100.51	6.79	34.66	34.93	92	100	Average	VERTICAL
6	5657.18	116.79			110.27	6.79	34.66	34.93	92	100	Peak	VERTICAL
7	5725.00	52.85	54.00	-1.15	46.27	6.83	34.69	34.94	92	100	Average	VERTICAL
8	5741.03	72.53	74.00	-1.47	65.91	6.86	34.70	34.94	92	100	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5670 MHz.

Note:

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

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

For 3TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014 ~ Oct. 02, 2014		

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	5097.12	52.96	54.00	-1.04	47.68	6.14	34.04	34.90	89	105	Average	VERTICAL
2	5100.32	64.84	74.00	-9.16	59.56	6.14	34.04	34.90	89	105	Peak	VERTICAL
3	5186.41	107.65			102.16	6.24	34.16	34.91	89	105	Average	VERTICAL
4	5188.01	117.30			111.81	6.24	34.16	34.91	89	105	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	5103.53	52.92	54.00	-1.08	47.64	6.14	34.04	34.90	111	100	Average	VERTICAL
2	5105.13	63.47	74.00	-10.53	58.19	6.14	34.04	34.90	111	100	Peak	VERTICAL
3	5193.59	111.97			106.46	6.24	34.18	34.91	111	100	Average	VERTICAL
4	5195.19	120.60			115.06	6.27	34.18	34.91	111	100	Peak	VERTICAL
5	5353.21	51.99	54.00	-2.01	46.04	6.47	34.39	34.91	111	100	Average	VERTICAL
6	5366.03	63.82	74.00	-10.18	57.85	6.47	34.41	34.91	111	100	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	5079.49	52.85	54.00	-1.15	47.62	6.11	34.02	34.90	112	100	Average	VERTICAL
2	5114.74	63.47	74.00	-10.53	58.17	6.14	34.06	34.90	112	100	Peak	VERTICAL
3	5235.19	121.72			116.10	6.30	34.23	34.91	112	100	Peak	VERTICAL
4	5248.01	114.26			108.58	6.34	34.25	34.91	112	100	Average	VERTICAL
5	5371.64	66.32	74.00	-7.68	60.35	6.47	34.41	34.91	112	100	Peak	VERTICAL
6	5407.69	52.92	54.00	-1.08	46.85	6.53	34.46	34.92	112	100	Average	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Oct. 02, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	4960.90	52.34	54.00	-1.66	47.38	6.04	33.83	34.91	88	100	Average	VERTICAL
2	4992.95	63.17	74.00	-10.83	58.16	6.01	33.90	34.90	88	100	Peak	VERTICAL
3	5251.99	105.51			99.83	6.34	34.25	34.91	88	100	Average	VERTICAL
4	5265.61	116.35			110.65	6.34	34.27	34.91	88	100	Peak	VERTICAL
5	5385.90	65.07	74.00	-8.93	59.05	6.50	34.44	34.92	88	100	Peak	VERTICAL
6	5399.68	52.91	54.00	-1.09	46.84	6.53	34.46	34.92	88	100	Average	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	4959.30	51.93	54.00	-2.07	46.97	6.04	33.83	34.91	112	100	Average	VERTICAL
2	4988.14	62.89	74.00	-11.11	57.87	6.02	33.90	34.90	112	100	Peak	VERTICAL
3	5301.60	105.71			99.90	6.40	34.32	34.91	112	100	Average	VERTICAL
4	5306.41	114.90			109.09	6.40	34.32	34.91	112	100	Peak	VERTICAL
5	5382.05	52.91	54.00	-1.09	46.89	6.50	34.44	34.92	112	100	Average	VERTICAL
6	5382.05	64.72	74.00	-9.28	58.70	6.50	34.44	34.92	112	100	Peak	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	4959.30	50.61	54.00	-3.39	45.65	6.04	33.83	34.91	86	100	Average	VERTICAL
2	5098.72	61.85	74.00	-12.15	56.57	6.14	34.04	34.90	86	100	Peak	VERTICAL
3	5328.01	107.35			101.46	6.43	34.37	34.91	86	100	Average	VERTICAL
4	5328.01	116.91			111.02	6.43	34.37	34.91	86	100	Peak	VERTICAL
5	5404.49	65.18	74.00	-8.82	59.11	6.53	34.46	34.92	86	100	Peak	VERTICAL
6	5406.09	52.96	54.00	-1.04	46.89	6.53	34.46	34.92	86	100	Average	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014 ~ Oct. 02, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5413.53	52.97	54.00	-1.03	46.88	6.53	34.48	34.92	95	105	Average	VERTICAL
2	5413.53	65.41	74.00	-8.59	59.32	6.53	34.48	34.92	95	105	Peak	VERTICAL
3	5460.39	51.97	54.00	-2.03	45.76	6.60	34.53	34.92	95	105	Average	VERTICAL
4	5460.39	63.57	74.00	-10.43	57.36	6.60	34.53	34.92	95	105	Peak	VERTICAL
5	5503.21	108.14			101.81	6.65	34.60	34.92	95	105	Average	VERTICAL
6	5504.81	117.33			111.00	6.65	34.60	34.92	95	105	Peak	VERTICAL
7	5726.60	49.77	54.00	-4.23	43.19	6.83	34.69	34.94	95	105	Average	VERTICAL
8	5768.27	62.08	74.00	-11.92	55.44	6.88	34.70	34.94	95	105	Peak	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5397.50	65.65	74.00	-8.35	59.61	6.50	34.46	34.92	108	100	Peak	VERTICAL
2	5453.59	52.84	54.00	-1.16	46.63	6.60	34.53	34.92	108	100	Average	VERTICAL
3	5463.59	65.65	74.00	-8.35	59.42	6.60	34.55	34.92	108	100	Peak	VERTICAL
4	5468.40	52.82	54.00	-1.18	46.59	6.60	34.55	34.92	108	100	Average	VERTICAL
5	5584.81	113.85			107.43	6.72	34.63	34.93	108	100	Average	VERTICAL
6	5584.81	123.33			116.91	6.72	34.63	34.93	108	100	Peak	VERTICAL
7	5729.81	51.40	54.00	-2.60	44.82	6.83	34.69	34.94	108	100	Average	VERTICAL
8	5742.63	64.56	74.00	-9.44	57.94	6.86	34.70	34.94	108	100	Peak	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5418.33	52.92	54.00	-1.08	46.83	6.53	34.48	34.92	86	100	Average	VERTICAL
2	5423.14	66.29	74.00	-7.71	60.20	6.53	34.48	34.92	86	100	Peak	VERTICAL
3	5465.19	64.20	74.00	-9.80	57.97	6.60	34.55	34.92	86	100	Peak	VERTICAL
4	5470.00	52.06	54.00	-1.94	45.83	6.60	34.55	34.92	86	100	Average	VERTICAL
5	5704.81	108.69			102.12	6.83	34.68	34.94	86	100	Average	VERTICAL
6	5704.81	117.62			111.05	6.83	34.68	34.94	86	100	Peak	VERTICAL
7	5725.00	52.31	54.00	-1.69	45.73	6.83	34.69	34.94	86	100	Average	VERTICAL
8	5725.00	68.23	74.00	-5.77	61.65	6.83	34.69	34.94	86	100	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5700 MHz.

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014 ~ Oct. 02, 2014		

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	4853.53	61.94	74.00	-12.06	57.14	6.10	33.62	34.92	87	100	Peak	VERTICAL
2	4959.30	52.94	54.00	-1.06	47.98	6.04	33.83	34.91	87	100	Average	VERTICAL
3	5150.00	52.11	54.00	-1.89	46.70	6.21	34.11	34.91	87	100	Average	VERTICAL
4	5150.00	65.90	74.00	-8.10	60.49	6.21	34.11	34.91	87	100	Peak	VERTICAL
5	5196.41	101.10			95.56	6.27	34.18	34.91	87	100	Average	VERTICAL
6	5196.41	110.67			105.13	6.27	34.18	34.91	87	100	Peak	VERTICAL

Item 5, 6 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	5138.78	62.55	74.00	-11.45	57.20	6.17	34.09	34.91	96	100	Peak	VERTICAL
2	5145.19	51.24	54.00	-2.76	45.83	6.21	34.11	34.91	96	100	Average	VERTICAL
3	5244.42	108.07			102.43	6.30	34.25	34.91	96	100	Average	VERTICAL
4	5244.42	117.34			111.70	6.30	34.25	34.91	96	100	Peak	VERTICAL
5	5350.00	64.08	74.00	-9.92	58.13	6.47	34.39	34.91	96	100	Peak	VERTICAL
6	5359.04	52.87	54.00	-1.13	46.92	6.47	34.39	34.91	96	100	Average	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5079.49	52.37	54.00	-1.63	47.14	6.11	34.02	34.90	112	100	Average	VERTICAL
2	5094.87	61.63	74.00	-12.37	56.35	6.14	34.04	34.90	112	100	Peak	VERTICAL
3	5284.10	108.41			102.65	6.37	34.30	34.91	112	100	Average	VERTICAL
4	5284.10	117.72			111.96	6.37	34.30	34.91	112	100	Peak	VERTICAL
5	5372.44	52.78	54.00	-1.22	46.81	6.47	34.41	34.91	112	100	Average	VERTICAL
6	5373.08	64.35	74.00	-9.65	58.38	6.47	34.41	34.91	112	100	Peak	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5080.29	50.98	54.00	-3.02	45.75	6.11	34.02	34.90	93	100	Average	VERTICAL
2	5092.31	61.56	74.00	-12.44	56.31	6.11	34.04	34.90	93	100	Peak	VERTICAL
3	5322.02	102.42			96.59	6.40	34.34	34.91	93	100	Average	VERTICAL
4	5326.03	112.44			106.58	6.43	34.34	34.91	93	100	Peak	VERTICAL
5	5350.80	52.92	54.00	-1.08	46.97	6.47	34.39	34.91	93	100	Average	VERTICAL
6	5354.81	66.18	74.00	-7.82	60.23	6.47	34.39	34.91	93	100	Peak	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 30, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5440.13	50.91	54.00	-3.09	44.76	6.56	34.51	34.92	122	100	Average	VERTICAL
2	5457.44	62.68	74.00	-11.32	56.47	6.60	34.53	34.92	122	100	Peak	VERTICAL
3	5468.08	52.83	54.00	-1.17	46.60	6.60	34.55	34.92	122	100	Average	VERTICAL
4	5468.72	66.11	74.00	-7.89	59.88	6.60	34.55	34.92	122	100	Peak	VERTICAL
5	5526.67	99.08			92.71	6.68	34.61	34.92	122	100	Average	VERTICAL
6	5526.67	108.88			102.51	6.68	34.61	34.92	122	100	Peak	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5458.40	51.69	54.00	-2.31	45.48	6.60	34.53	34.92	95	101	Average	VERTICAL
2	5459.20	66.77	74.00	-7.23	60.56	6.60	34.53	34.92	95	101	Peak	VERTICAL
3	5465.99	69.01	74.00	-4.99	62.78	6.60	34.55	34.92	95	101	Peak	VERTICAL
4	5468.40	52.85	54.00	-1.15	46.62	6.60	34.55	34.92	95	101	Average	VERTICAL
5	5566.83	110.07			103.67	6.70	34.63	34.93	95	101	Average	VERTICAL
6	5567.63	119.09			112.69	6.70	34.63	34.93	95	101	Peak	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5436.76	62.05	74.00	-11.95	55.90	6.56	34.51	34.92	101	100	Peak	VERTICAL
2	5439.17	51.83	54.00	-2.17	45.68	6.56	34.51	34.92	101	100	Average	VERTICAL
3	5464.39	62.16	74.00	-11.84	55.93	6.60	34.55	34.92	101	100	Peak	VERTICAL
4	5470.00	49.71	54.00	-4.29	43.48	6.60	34.55	34.92	101	100	Average	VERTICAL
5	5661.99	108.73			102.21	6.79	34.66	34.93	101	100	Average	VERTICAL
6	5664.39	118.44			111.92	6.79	34.66	34.93	101	100	Peak	VERTICAL
7	5725.80	52.99	54.00	-1.01	46.41	6.83	34.69	34.94	101	100	Average	VERTICAL
8	5727.40	71.59	74.00	-2.41	65.01	6.83	34.69	34.94	101	100	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5670 MHz.

Note:

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

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

Mode 3 (Ant.32 3-Port Dual-Band Directional Panel antenna / Chain 1: 6.7, Chain 2: 4.3, Chain 3: 6.6dBi)

For Beamforming Mode

For 3TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 23, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.68	50.95	54.00	-3.05	46.01	6.13	34.01	35.20	Average	133	206	VERTICAL
2	5149.68	72.95	74.00	-1.05	68.01	6.13	34.01	35.20	Peak	133	206	VERTICAL
3	5178.72	117.73			112.70	6.15	34.08	35.20	Peak	133	206	VERTICAL
4	5179.04	105.76			100.73	6.15	34.08	35.20	Average	133	206	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.81	52.86	54.00	-1.14	48.10	6.09	33.87	35.20	Average	126	201	VERTICAL
2	5149.04	66.04	74.00	-7.96	61.10	6.13	34.01	35.20	Peak	126	201	VERTICAL
3	5194.23	121.20			116.16	6.16	34.08	35.20	Peak	126	201	VERTICAL
4	5194.71	109.62			104.55	6.16	34.11	35.20	Average	126	201	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.49	52.86	54.00	-1.14	48.10	6.09	33.87	35.20	Average	132	205	VERTICAL
2	5145.51	64.80	74.00	-9.20	59.86	6.13	34.01	35.20	Peak	132	205	VERTICAL
3	5233.59	125.66			120.50	6.18	34.18	35.20	Peak	132	205	VERTICAL
4	5243.85	113.60			108.42	6.20	34.18	35.20	Average	132	205	VERTICAL
5	5403.85	50.75	54.00	-3.25	45.13	6.29	34.53	35.20	Average	132	205	VERTICAL
6	5406.41	63.21	74.00	-10.79	57.59	6.29	34.53	35.20	Peak	132	205	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 23, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5080.13	50.90	54.00	-3.10	46.14	6.09	33.87	35.20	Average	116	143	VERTICAL
2	5080.13	60.57	74.00	-13.43	55.81	6.09	33.87	35.20	Peak	116	143	VERTICAL
3	5256.80	113.46			108.24	6.20	34.22	35.20	Average	116	143	VERTICAL
4	5256.80	123.21			117.99	6.20	34.22	35.20	Peak	116	143	VERTICAL
5	5350.00	52.83	54.00	-1.17	47.35	6.26	34.42	35.20	Average	116	143	VERTICAL
6	5355.77	64.93	74.00	-9.07	59.45	6.26	34.42	35.20	Peak	116	143	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5304.17	120.56			115.21	6.23	34.32	35.20	Peak	111	173	VERTICAL
2	5304.49	110.84			105.49	6.23	34.32	35.20	Average	111	173	VERTICAL
3	5382.05	52.88	54.00	-1.12	47.31	6.28	34.49	35.20	Average	111	173	VERTICAL
4	5382.05	65.27	74.00	-8.73	59.70	6.28	34.49	35.20	Peak	111	173	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.49	50.91	54.00	-3.09	46.15	6.09	33.87	35.20	Average	119	149	VERTICAL
2	5079.49	59.88	74.00	-14.12	55.12	6.09	33.87	35.20	Peak	119	149	VERTICAL
3	5328.01	106.06			100.65	6.25	34.36	35.20	Average	119	149	VERTICAL
4	5328.01	115.24			109.83	6.25	34.36	35.20	Peak	119	149	VERTICAL
5	5439.97	52.04	54.00	-1.96	46.32	6.32	34.60	35.20	Average	119	149	VERTICAL
6	5439.97	61.85	74.00	-12.15	56.13	6.32	34.60	35.20	Peak	119	149	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 23, 2014 ~ Sep. 24, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5416.25	63.24	74.00	-10.76	57.57	6.31	34.56	35.20	Peak	110	152	VERTICAL
2	5439.81	52.07	54.00	-1.93	46.35	6.32	34.60	35.20	Average	110	152	VERTICAL
3	5469.04	52.09	54.00	-1.91	46.28	6.34	34.67	35.20	Average	110	152	VERTICAL
4	5470.00	72.70	74.00	-1.30	66.89	6.34	34.67	35.20	Peak	110	152	VERTICAL
5	5507.21	118.09			112.22	6.36	34.71	35.20	Peak	110	152	VERTICAL
6	5507.69	108.01			102.14	6.36	34.71	35.20	Average	110	152	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.36	51.99	54.00	-2.01	46.23	6.33	34.63	35.20	Average	124	205	VERTICAL
2	5459.36	64.60	74.00	-9.40	58.84	6.33	34.63	35.20	Peak	124	205	VERTICAL
3	5468.08	51.69	54.00	-2.31	45.88	6.34	34.67	35.20	Average	124	205	VERTICAL
4	5470.00	64.15	74.00	-9.85	58.34	6.34	34.67	35.20	Peak	124	205	VERTICAL
5	5572.31	117.68			111.72	6.39	34.77	35.20	Average	124	205	VERTICAL
6	5575.51	127.10			121.14	6.39	34.77	35.20	Peak	124	205	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5707.05	117.53			111.42	6.44	34.87	35.20	Peak	124	179	VERTICAL
2	5707.21	107.38			101.27	6.44	34.87	35.20	Average	124	179	VERTICAL
3	5725.00	51.26	54.00	-2.74	45.12	6.45	34.89	35.20	Average	124	179	VERTICAL
4	5725.48	72.76	74.00	-1.24	66.62	6.45	34.89	35.20	Peak	124	179	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.36	66.49	74.00	-7.51	61.55	6.13	34.01	35.20	Peak	125	187	VERTICAL
2	5150.00	52.76	54.00	-1.24	47.82	6.13	34.01	35.20	Average	125	187	VERTICAL
3	5201.54	99.27			94.20	6.16	34.11	35.20	Average	125	187	VERTICAL
4	5206.03	109.79			104.72	6.16	34.11	35.20	Peak	125	187	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5080.13	52.85	54.00	-1.15	48.09	6.09	33.87	35.20	Average	122	202	VERTICAL
2	5080.13	61.71	74.00	-12.29	56.95	6.09	33.87	35.20	Peak	122	202	VERTICAL
3	5243.46	106.77			101.59	6.20	34.18	35.20	Average	122	202	VERTICAL
4	5244.10	116.20			111.02	6.20	34.18	35.20	Peak	122	202	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.49	52.67	54.00	-1.33	47.91	6.09	33.87	35.20	Average	119	205	VERTICAL
2	5079.49	60.83	74.00	-13.17	56.07	6.09	33.87	35.20	Peak	119	205	VERTICAL
3	5287.31	102.39			97.08	6.22	34.29	35.20	Average	119	205	VERTICAL
4	5287.31	111.55			106.24	6.22	34.29	35.20	Peak	119	205	VERTICAL
5	5440.77	52.98	54.00	-1.02	47.26	6.32	34.60	35.20	Average	119	205	VERTICAL
6	5446.54	63.85	74.00	-10.15	58.12	6.33	34.60	35.20	Peak	119	205	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.49	48.38	54.00	-5.62	43.62	6.09	33.87	35.20	Average	119	210	VERTICAL
2	5080.29	58.94	74.00	-15.06	54.18	6.09	33.87	35.20	Peak	119	210	VERTICAL
3	5301.19	111.19			105.84	6.23	34.32	35.20	Peak	119	210	VERTICAL
4	5312.40	102.34			96.98	6.24	34.32	35.20	Average	119	210	VERTICAL
5	5350.80	52.91	54.00	-1.09	47.43	6.26	34.42	35.20	Average	119	210	VERTICAL
6	5350.80	69.26	74.00	-4.74	63.78	6.26	34.42	35.20	Peak	119	210	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 24, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5439.81	52.07	54.00	-1.93	46.35	6.32	34.60	35.20	Average	112	147	VERTICAL
2	5470.00	52.91	54.00	-1.09	47.10	6.34	34.67	35.20	Average	112	147	VERTICAL
3	5470.00	65.80	74.00	-8.20	59.99	6.34	34.67	35.20	Peak	112	147	VERTICAL
4	5470.00	68.80	74.00	-5.20	62.99	6.34	34.67	35.20	Peak	112	147	VERTICAL
5	5503.27	99.60			93.73	6.36	34.71	35.20	Average	112	147	VERTICAL

Item 5 are the fundamental frequency at 5510 MHz.

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5439.81	52.78	54.00	-1.22	47.06	6.32	34.60	35.20	Average	121	152	VERTICAL
2	5459.04	66.51	74.00	-7.49	60.75	6.33	34.63	35.20	Peak	121	152	VERTICAL
3	5465.67	70.40	74.00	-3.60	64.63	6.34	34.63	35.20	Peak	121	152	VERTICAL
4	5466.64	52.84	54.00	-1.16	47.07	6.34	34.63	35.20	Average	121	152	VERTICAL
5	5567.31	108.51			102.57	6.39	34.75	35.20	Average	121	152	VERTICAL

Item 5 are the fundamental frequency at 5550 MHz.

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5665.83	116.18			110.13	6.42	34.83	35.20	Peak	117	156	VERTICAL
2	5667.44	106.56			100.50	6.43	34.83	35.20	Average	117	156	VERTICAL
3	5725.32	52.55	54.00	-1.45	46.41	6.45	34.89	35.20	Average	117	156	VERTICAL
4	5726.60	69.25	74.00	-4.75	63.11	6.45	34.89	35.20	Peak	117	156	VERTICAL

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

Note:

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

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

For Non-Beamforming Mode

For 1TX

Temperature	26°C	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1
Test Date	Sep. 24, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.37	54.00	-1.63	46.96	6.21	34.11	34.91	Average	131	179	VERTICAL
2	5150.00	72.58	74.00	-1.42	67.17	6.21	34.11	34.91	Peak	131	179	VERTICAL
3	5183.21	113.60			108.11	6.24	34.16	34.91	Peak	131	179	VERTICAL
4	5186.25	100.81			95.32	6.24	34.16	34.91	Average	131	179	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.69	54.00	-1.31	47.28	6.21	34.11	34.91	Average	130	209	VERTICAL
2	5150.00	68.86	74.00	-5.14	63.45	6.21	34.11	34.91	Peak	130	209	VERTICAL
3	5204.49	117.96			112.42	6.27	34.18	34.91	Peak	130	209	VERTICAL
4	5205.13	105.90			100.36	6.27	34.18	34.91	Average	130	209	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5144.87	66.39	74.00	-7.61	60.98	6.21	34.11	34.91	Peak	106	211	VERTICAL
2	5150.00	49.26	54.00	-4.74	43.85	6.21	34.11	34.91	Average	106	211	VERTICAL
3	5232.95	110.61			104.99	6.30	34.23	34.91	Average	106	211	VERTICAL
4	5232.95	122.10			116.48	6.30	34.23	34.91	Peak	106	211	VERTICAL
5	5392.95	49.70	54.00	-4.30	43.68	6.50	34.44	34.92	Average	106	211	VERTICAL
6	5392.95	61.26	74.00	-12.74	55.24	6.50	34.44	34.92	Peak	106	211	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1
Test Date	Sep. 24, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	45.84	54.00	-8.16	40.43	6.21	34.11	34.91	Average	105	210	VERTICAL
2	5150.00	57.35	74.00	-16.65	51.94	6.21	34.11	34.91	Peak	105	210	VERTICAL
3	5253.27	109.76			104.08	6.34	34.25	34.91	Average	105	210	VERTICAL
4	5253.27	122.22			116.54	6.34	34.25	34.91	Peak	105	210	VERTICAL
5	5350.00	49.69	54.00	-4.31	43.74	6.47	34.39	34.91	Average	105	210	VERTICAL
6	5350.00	61.90	74.00	-12.10	55.95	6.47	34.39	34.91	Peak	105	210	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5306.09	105.82			100.01	6.40	34.32	34.91	Average	100	153	VERTICAL
2	5306.09	116.72			110.91	6.40	34.32	34.91	Peak	100	153	VERTICAL
3	5350.00	52.59	54.00	-1.41	46.64	6.47	34.39	34.91	Average	100	153	VERTICAL
4	5350.00	67.03	74.00	-6.97	61.08	6.47	34.39	34.91	Peak	100	153	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5324.01	114.00			108.14	6.43	34.34	34.91	Peak	102	150	VERTICAL
2	5324.97	102.13			96.27	6.43	34.34	34.91	Average	102	150	VERTICAL
3	5350.00	52.80	54.00	-1.20	46.85	6.47	34.39	34.91	Average	102	150	VERTICAL
4	5350.32	71.12	74.00	-2.88	65.17	6.47	34.39	34.91	Peak	102	150	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1
Test Date	Sep. 25, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5419.62	48.18	54.00	-5.82	42.09	6.53	34.48	34.92	Average	100	176	VERTICAL
2	5460.00	64.25	74.00	-9.75	58.04	6.60	34.53	34.92	Peak	100	176	VERTICAL
3	5469.68	72.18	74.00	-1.82	65.95	6.60	34.55	34.92	Peak	100	176	VERTICAL
4	5470.00	52.87	54.00	-1.13	46.64	6.60	34.55	34.92	Average	100	176	VERTICAL
5	5496.80	114.97			108.66	6.63	34.60	34.92	Peak	100	176	VERTICAL
6	5498.72	102.01			95.70	6.63	34.60	34.92	Average	100	176	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	46.99	54.00	-7.01	40.78	6.60	34.53	34.92	Average	100	174	VERTICAL
2	5460.00	57.56	74.00	-16.44	51.35	6.60	34.53	34.92	Peak	100	174	VERTICAL
3	5470.00	47.10	54.00	-6.90	40.87	6.60	34.55	34.92	Average	100	174	VERTICAL
4	5470.00	58.55	74.00	-15.45	52.32	6.60	34.55	34.92	Peak	100	174	VERTICAL
5	5573.75	110.23			103.83	6.70	34.63	34.93	Average	100	174	VERTICAL
6	5576.64	122.26			115.86	6.70	34.63	34.93	Peak	100	174	VERTICAL
7	5725.00	46.07	54.00	-7.93	39.49	6.83	34.69	34.94	Average	100	174	VERTICAL
8	5725.00	57.26	74.00	-16.74	50.68	6.83	34.69	34.94	Peak	100	174	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5706.09	112.82			106.25	6.83	34.68	34.94	Peak	100	176	VERTICAL
2	5706.25	101.19			94.62	6.83	34.68	34.94	Average	100	176	VERTICAL
3	5725.00	52.45	54.00	-1.55	45.87	6.83	34.69	34.94	Average	100	176	VERTICAL
4	5725.16	72.16	74.00	-1.84	65.58	6.83	34.69	34.94	Peak	100	176	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1
Test Date	Sep. 25, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.08	69.34	74.00	-4.66	63.93	6.21	34.11	34.91	Peak	130	147	VERTICAL
2	5150.00	52.73	54.00	-1.27	47.32	6.21	34.11	34.91	Average	130	147	VERTICAL
3	5185.51	103.99			98.50	6.24	34.16	34.91	Peak	130	147	VERTICAL
4	5205.39	93.60			88.06	6.27	34.18	34.91	Average	130	147	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.55	54.00	-1.45	47.14	6.21	34.11	34.91	Average	105	213	VERTICAL
2	5150.00	68.01	74.00	-5.99	62.60	6.21	34.11	34.91	Peak	105	213	VERTICAL
3	5243.46	106.04			100.40	6.30	34.25	34.91	Average	105	213	VERTICAL
4	5245.71	115.68			110.04	6.30	34.25	34.91	Peak	105	213	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1
Test Date	Sep. 25, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5257.50	114.29			108.61	6.34	34.25	34.91	Peak	116	212	VERTICAL
2	5286.99	104.35			98.59	6.37	34.30	34.91	Average	116	212	VERTICAL
3	5350.64	52.85	54.00	-1.15	46.90	6.47	34.39	34.91	Average	116	212	VERTICAL
4	5350.96	65.94	74.00	-8.06	59.99	6.47	34.39	34.91	Peak	116	212	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5320.90	110.05			104.22	6.40	34.34	34.91	Peak	115	213	VERTICAL
2	5323.46	99.22			93.36	6.43	34.34	34.91	Average	115	213	VERTICAL
3	5350.00	52.79	54.00	-1.21	46.84	6.47	34.39	34.91	Average	115	213	VERTICAL
4	5350.00	70.27	74.00	-3.73	64.32	6.47	34.39	34.91	Peak	115	213	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1
Test Date	Sep. 25, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	47.57	54.00	-6.43	41.36	6.60	34.53	34.92	Average	100	177	VERTICAL
2	5460.00	61.59	74.00	-12.41	55.38	6.60	34.53	34.92	Peak	100	177	VERTICAL
3	5470.00	52.76	54.00	-1.24	46.53	6.60	34.55	34.92	Average	100	177	VERTICAL
4	5470.00	67.43	74.00	-6.57	61.20	6.60	34.55	34.92	Peak	100	177	VERTICAL
5	5497.50	95.84			89.53	6.63	34.60	34.92	Average	100	177	VERTICAL
6	5499.74	106.69			100.38	6.63	34.60	34.92	Peak	100	177	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	50.19	54.00	-3.81	43.98	6.60	34.53	34.92	Average	100	179	VERTICAL
2	5460.00	65.86	74.00	-8.14	59.65	6.60	34.53	34.92	Peak	100	179	VERTICAL
3	5468.72	68.38	74.00	-5.62	62.15	6.60	34.55	34.92	Peak	100	179	VERTICAL
4	5470.00	52.77	54.00	-1.23	46.54	6.60	34.55	34.92	Average	100	179	VERTICAL
5	5533.65	101.98			95.61	6.68	34.61	34.92	Average	100	179	VERTICAL
6	5564.42	115.11			108.72	6.70	34.62	34.93	Peak	100	179	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5656.22	100.13			93.61	6.79	34.66	34.93	Average	100	180	VERTICAL
2	5659.74	113.61			107.09	6.79	34.66	34.93	Peak	100	180	VERTICAL
3	5725.00	52.66	54.00	-1.34	46.08	6.83	34.69	34.94	Average	100	180	VERTICAL
4	5725.32	68.32	74.00	-5.68	61.74	6.83	34.69	34.94	Peak	100	180	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 1
Test Date	Sep. 24, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.68	72.33	74.00	-1.67	66.92	6.21	34.11	34.91	Peak	120	210	VERTICAL
2	5150.00	52.69	54.00	-1.31	47.28	6.21	34.11	34.91	Average	120	210	VERTICAL
3	5184.01	115.29			109.80	6.24	34.16	34.91	Peak	120	210	VERTICAL
4	5186.41	102.75			97.26	6.24	34.16	34.91	Average	120	210	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.69	54.00	-1.31	47.28	6.21	34.11	34.91	Average	130	210	VERTICAL
2	5150.00	70.71	74.00	-3.29	65.30	6.21	34.11	34.91	Peak	130	210	VERTICAL
3	5206.73	106.98			101.44	6.27	34.18	34.91	Average	130	210	VERTICAL
4	5207.05	118.81			113.27	6.27	34.18	34.91	Peak	130	210	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5146.80	64.64	74.00	-9.36	59.23	6.21	34.11	34.91	Peak	103	152	VERTICAL
2	5150.00	48.60	54.00	-5.40	43.19	6.21	34.11	34.91	Average	103	152	VERTICAL
3	5244.01	110.43			104.79	6.30	34.25	34.91	Average	103	152	VERTICAL
4	5247.21	122.55			116.87	6.34	34.25	34.91	Peak	103	152	VERTICAL
5	5394.87	49.50	54.00	-4.50	43.46	6.50	34.46	34.92	Average	103	152	VERTICAL
6	5395.67	62.35	74.00	-11.65	56.31	6.50	34.46	34.92	Peak	103	152	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 52, 60, 64 / Chain 1
Test Date	Sep. 24, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	46.06	54.00	-7.94	40.65	6.21	34.11	34.91	Average	106	211	VERTICAL
2	5150.00	57.41	74.00	-16.59	52.00	6.21	34.11	34.91	Peak	106	211	VERTICAL
3	5253.59	110.29			104.61	6.34	34.25	34.91	Average	106	211	VERTICAL
4	5254.23	122.11			116.43	6.34	34.25	34.91	Peak	106	211	VERTICAL
5	5350.00	49.39	54.00	-4.61	43.44	6.47	34.39	34.91	Average	106	211	VERTICAL
6	5350.00	60.85	74.00	-13.15	54.90	6.47	34.39	34.91	Peak	106	211	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5304.81	107.96			102.15	6.40	34.32	34.91	Average	104	211	VERTICAL
2	5306.41	120.43			114.62	6.40	34.32	34.91	Peak	104	211	VERTICAL
3	5350.00	52.92	54.00	-1.08	46.97	6.47	34.39	34.91	Average	104	211	VERTICAL
4	5350.00	70.49	74.00	-3.51	64.54	6.47	34.39	34.91	Peak	104	211	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5325.13	115.41			109.55	6.43	34.34	34.91	Peak	114	212	VERTICAL
2	5325.29	103.83			97.97	6.43	34.34	34.91	Average	114	212	VERTICAL
3	5350.00	52.83	54.00	-1.17	46.88	6.47	34.39	34.91	Average	114	212	VERTICAL
4	5350.32	71.02	74.00	-2.98	65.07	6.47	34.39	34.91	Peak	114	212	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 100, 116, 140 / Chain 1
Test Date	Sep. 24, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5412.89	48.79	54.00	-5.21	42.70	6.53	34.48	34.92	Average	100	211	VERTICAL
2	5460.00	63.74	74.00	-10.26	57.53	6.60	34.53	34.92	Peak	100	211	VERTICAL
3	5470.00	52.86	54.00	-1.14	46.63	6.60	34.55	34.92	Average	100	211	VERTICAL
4	5470.00	72.24	74.00	-1.76	66.01	6.60	34.55	34.92	Peak	100	211	VERTICAL
5	5494.87	102.42			96.13	6.63	34.58	34.92	Average	100	211	VERTICAL
6	5494.87	114.90			108.61	6.63	34.58	34.92	Peak	100	211	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	46.91	54.00	-7.09	40.70	6.60	34.53	34.92	Average	100	174	VERTICAL
2	5460.00	59.27	74.00	-14.73	53.06	6.60	34.53	34.92	Peak	100	174	VERTICAL
3	5470.00	46.87	54.00	-7.13	40.64	6.60	34.55	34.92	Average	100	174	VERTICAL
4	5470.00	57.88	74.00	-16.12	51.65	6.60	34.55	34.92	Peak	100	174	VERTICAL
5	5573.27	122.34			115.94	6.70	34.63	34.93	Peak	100	174	VERTICAL
6	5573.75	110.73			104.33	6.70	34.63	34.93	Average	100	174	VERTICAL
7	5725.00	45.99	54.00	-8.01	39.41	6.83	34.69	34.94	Average	100	174	VERTICAL
8	5725.00	56.88	74.00	-17.12	50.30	6.83	34.69	34.94	Peak	100	174	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5706.25	101.33			94.76	6.83	34.68	34.94	Average	100	179	VERTICAL
2	5706.73	112.83			106.26	6.83	34.68	34.94	Peak	100	179	VERTICAL
3	5725.00	52.25	54.00	-1.75	45.67	6.83	34.69	34.94	Average	100	179	VERTICAL
4	5725.00	70.78	74.00	-3.22	64.20	6.83	34.69	34.94	Peak	100	179	VERTICAL

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

Note:

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

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

For 2TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	52.88	54.00	-1.12	47.47	6.21	34.11	34.91	Average	123	257	HORIZONTAL
2	5150.00	71.34	74.00	-2.66	65.93	6.21	34.11	34.91	Peak	123	257	HORIZONTAL
3	5186.80	110.85			105.36	6.24	34.16	34.91	Peak	123	257	HORIZONTAL
4	5188.40	101.30			95.81	6.24	34.16	34.91	Average	123	257	HORIZONTAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.80	69.24	74.00	-4.76	63.83	6.21	34.11	34.91	Peak	134	258	HORIZONTAL
2	5150.00	52.76	54.00	-1.24	47.35	6.21	34.11	34.91	Average	134	258	HORIZONTAL
3	5193.40	104.91			99.40	6.24	34.18	34.91	Average	134	258	HORIZONTAL
4	5205.40	114.55			109.01	6.27	34.18	34.91	Peak	134	258	HORIZONTAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.38	52.86	54.00	-1.14	47.63	6.11	34.02	34.90	Average	137	242	HORIZONTAL
2	5126.85	64.97	74.00	-9.03	59.62	6.17	34.09	34.91	Peak	137	242	HORIZONTAL
3	5242.32	118.69			113.05	6.30	34.25	34.91	Peak	137	242	HORIZONTAL
4	5243.47	108.76			103.12	6.30	34.25	34.91	Average	137	242	HORIZONTAL
5	5350.00	63.31	74.00	-10.69	57.36	6.47	34.39	34.91	Peak	137	242	HORIZONTAL
6	5400.36	50.32	54.00	-3.68	44.25	6.53	34.46	34.92	Average	137	242	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5119.90	51.10	54.00	-2.90	45.78	6.17	34.06	34.91	Average	126	250	HORIZONTAL
2	5119.90	64.27	74.00	-9.73	58.95	6.17	34.06	34.91	Peak	126	250	HORIZONTAL
3	5255.37	119.60			113.92	6.34	34.25	34.91	Peak	126	250	HORIZONTAL
4	5256.53	109.29			103.61	6.34	34.25	34.91	Average	126	250	HORIZONTAL
5	5352.89	67.19	74.00	-6.81	61.24	6.47	34.39	34.91	Peak	126	250	HORIZONTAL
6	5360.42	52.62	54.00	-1.38	46.67	6.47	34.39	34.91	Average	126	250	HORIZONTAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5302.03	116.00			110.19	6.40	34.32	34.91	Peak	122	255	HORIZONTAL
2	5303.47	105.52			99.71	6.40	34.32	34.91	Average	122	255	HORIZONTAL
3	5350.00	52.65	54.00	-1.35	46.70	6.47	34.39	34.91	Average	122	255	HORIZONTAL
4	5351.45	68.34	74.00	-5.66	62.39	6.47	34.39	34.91	Peak	122	255	HORIZONTAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5328.39	101.56			95.67	6.43	34.37	34.91	Average	135	248	HORIZONTAL
2	5328.39	111.03			105.14	6.43	34.37	34.91	Peak	135	248	HORIZONTAL
3	5350.00	52.79	54.00	-1.21	46.84	6.47	34.39	34.91	Average	135	248	HORIZONTAL
4	5350.87	71.14	74.00	-2.86	65.19	6.47	34.39	34.91	Peak	135	248	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5458.26	64.00	74.00	-10.00	57.79	6.60	34.53	34.92	Peak	100	172	HORIZONTAL
2	5460.00	48.52	54.00	-5.48	42.31	6.60	34.53	34.92	Average	100	172	HORIZONTAL
3	5470.00	52.82	54.00	-1.18	46.59	6.60	34.55	34.92	Average	100	172	HORIZONTAL
4	5470.00	67.39	74.00	-6.61	61.16	6.60	34.55	34.92	Peak	100	172	HORIZONTAL
5	5504.63	112.18			105.85	6.65	34.60	34.92	Peak	100	172	HORIZONTAL
6	5505.79	101.81			95.48	6.65	34.60	34.92	Average	100	172	HORIZONTAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5411.37	49.96	54.00	-4.04	43.89	6.53	34.46	34.92	Average	112	170	VERTICAL
2	5424.27	61.88	74.00	-12.12	55.76	6.56	34.48	34.92	Peak	112	170	VERTICAL
3	5466.53	61.62	74.00	-12.38	55.39	6.60	34.55	34.92	Peak	112	170	VERTICAL
4	5467.68	48.82	54.00	-5.18	42.59	6.60	34.55	34.92	Average	112	170	VERTICAL
5	5573.05	111.48			105.08	6.70	34.63	34.93	Average	112	170	VERTICAL
6	5573.05	122.01			115.61	6.70	34.63	34.93	Peak	112	170	VERTICAL
7	5727.89	60.77	74.00	-13.23	54.19	6.83	34.69	34.94	Peak	112	170	VERTICAL
8	5733.10	49.15	54.00	-4.85	42.54	6.86	34.69	34.94	Average	112	170	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5693.34	100.39			93.84	6.81	34.68	34.94	Average	131	230	HORIZONTAL
2	5696.53	110.60			104.05	6.81	34.68	34.94	Peak	131	230	HORIZONTAL
3	5725.00	52.85	54.00	-1.15	46.27	6.83	34.69	34.94	Average	131	230	HORIZONTAL
4	5725.58	70.88	74.00	-3.12	64.30	6.83	34.69	34.94	Peak	131	230	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.42	66.72	74.00	-7.28	61.31	6.21	34.11	34.91	Peak	126	205	VERTICAL
2	5150.00	52.94	54.00	-1.06	47.53	6.21	34.11	34.91	Average	126	205	VERTICAL
3	5173.79	94.23			88.74	6.24	34.16	34.91	Average	126	205	VERTICAL
4	5185.95	104.73			99.24	6.24	34.16	34.91	Peak	126	205	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5146.96	67.31	74.00	-6.69	61.90	6.21	34.11	34.91	Peak	137	241	HORIZONTAL
2	5150.00	52.66	54.00	-1.34	47.25	6.21	34.11	34.91	Average	137	241	HORIZONTAL
3	5233.47	102.22			96.60	6.30	34.23	34.91	Average	137	241	HORIZONTAL
4	5245.63	113.76			108.12	6.30	34.25	34.91	Peak	137	241	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5265.66	102.69			96.99	6.34	34.27	34.91	Average	137	251	HORIZONTAL
2	5265.66	113.15			107.45	6.34	34.27	34.91	Peak	137	251	HORIZONTAL
3	5350.00	52.72	54.00	-1.28	46.77	6.47	34.39	34.91	Average	137	251	HORIZONTAL
4	5350.00	65.94	74.00	-8.06	59.99	6.47	34.39	34.91	Peak	137	251	HORIZONTAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5324.76	95.73			89.87	6.43	34.34	34.91	Average	109	237	HORIZONTAL
2	5325.63	107.57			101.71	6.43	34.34	34.91	Peak	109	237	HORIZONTAL
3	5350.00	52.80	54.00	-1.20	46.85	6.47	34.39	34.91	Average	109	237	HORIZONTAL
4	5352.60	69.71	74.00	-4.29	63.76	6.47	34.39	34.91	Peak	109	237	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	48.29	54.00	-5.71	42.08	6.60	34.53	34.92	Average	102	153	VERTICAL
2	5460.00	63.22	74.00	-10.78	57.01	6.60	34.53	34.92	Peak	102	153	VERTICAL
3	5467.40	69.07	74.00	-4.93	62.84	6.60	34.55	34.92	Peak	102	153	VERTICAL
4	5470.00	52.99	54.00	-1.01	46.76	6.60	34.55	34.92	Average	102	153	VERTICAL
5	5492.63	93.08			86.79	6.63	34.58	34.92	Average	102	153	VERTICAL
6	5513.18	106.59			100.26	6.65	34.60	34.92	Peak	102	153	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	51.22	54.00	-2.78	45.01	6.60	34.53	34.92	Average	125	248	HORIZONTAL
2	5460.00	65.87	74.00	-8.13	59.66	6.60	34.53	34.92	Peak	125	248	HORIZONTAL
3	5468.26	68.31	74.00	-5.69	62.08	6.60	34.55	34.92	Peak	125	248	HORIZONTAL
4	5470.00	52.64	54.00	-1.36	46.41	6.60	34.55	34.92	Average	125	248	HORIZONTAL
5	5564.33	112.28			105.89	6.70	34.62	34.93	Peak	125	248	HORIZONTAL
6	5564.76	102.03			95.63	6.70	34.63	34.93	Average	125	248	HORIZONTAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5657.55	101.54			95.02	6.79	34.66	34.93	Average	100	176	VERTICAL
2	5661.32	111.78			105.26	6.79	34.66	34.93	Peak	100	176	VERTICAL
3	5725.00	52.86	54.00	-1.14	46.28	6.83	34.69	34.94	Average	100	176	VERTICAL
4	5731.66	68.32	74.00	-5.68	61.71	6.86	34.69	34.94	Peak	100	176	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5147.80	70.41	74.00	-3.59	65.00	6.21	34.11	34.91	Peak	127	235	HORIZONTAL
2	5150.00	52.99	54.00	-1.01	47.58	6.21	34.11	34.91	Average	127	235	HORIZONTAL
3	5182.40	111.93			106.44	6.24	34.16	34.91	Peak	127	235	HORIZONTAL
4	5185.60	100.65			95.16	6.24	34.16	34.91	Average	127	235	HORIZONTAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5144.80	68.73	74.00	-5.27	63.32	6.21	34.11	34.91	Peak	136	247	HORIZONTAL
2	5150.00	52.85	54.00	-1.15	47.44	6.21	34.11	34.91	Average	136	247	HORIZONTAL
3	5204.80	117.86			112.32	6.27	34.18	34.91	Peak	136	247	HORIZONTAL
4	5205.60	106.61			101.07	6.27	34.18	34.91	Average	136	247	HORIZONTAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.60	52.84	54.00	-1.16	47.61	6.11	34.02	34.90	Average	125	252	HORIZONTAL
2	5137.20	64.46	74.00	-9.54	59.11	6.17	34.09	34.91	Peak	125	252	HORIZONTAL
3	5242.40	118.81			113.17	6.30	34.25	34.91	Peak	125	252	HORIZONTAL
4	5244.00	109.01			103.37	6.30	34.25	34.91	Average	125	252	HORIZONTAL
5	5359.60	60.94	74.00	-13.06	54.99	6.47	34.39	34.91	Peak	125	252	HORIZONTAL
6	5360.40	50.97	54.00	-3.03	45.02	6.47	34.39	34.91	Average	125	252	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5119.60	50.24	54.00	-3.76	44.92	6.17	34.06	34.91	Average	102	233	HORIZONTAL
2	5141.20	60.37	74.00	-13.63	55.00	6.17	34.11	34.91	Peak	102	233	HORIZONTAL
3	5263.20	108.20			102.50	6.34	34.27	34.91	Average	102	233	HORIZONTAL
4	5267.20	119.05			113.35	6.34	34.27	34.91	Peak	102	233	HORIZONTAL
5	5352.40	65.44	74.00	-8.56	59.49	6.47	34.39	34.91	Peak	102	233	HORIZONTAL
6	5359.60	51.41	54.00	-2.59	45.46	6.47	34.39	34.91	Average	102	233	HORIZONTAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5295.60	106.61			100.83	6.37	34.32	34.91	Average	134	239	HORIZONTAL
2	5296.40	117.15			111.37	6.37	34.32	34.91	Peak	134	239	HORIZONTAL
3	5350.00	52.99	54.00	-1.01	47.04	6.47	34.39	34.91	Average	134	239	HORIZONTAL
4	5350.80	70.41	74.00	-3.59	64.46	6.47	34.39	34.91	Peak	134	239	HORIZONTAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5326.00	112.52			106.66	6.43	34.34	34.91	Peak	117	241	HORIZONTAL
2	5326.80	102.29			96.40	6.43	34.37	34.91	Average	117	241	HORIZONTAL
3	5350.00	52.43	54.00	-1.57	46.48	6.47	34.39	34.91	Average	117	241	HORIZONTAL
4	5351.20	69.87	74.00	-4.13	63.92	6.47	34.39	34.91	Peak	117	241	HORIZONTAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 100, 116, 140 / Chain 1 + Chain 2
Test Date	Sep. 24, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5418.40	49.47	54.00	-4.53	43.38	6.53	34.48	34.92	Average	116	172	VERTICAL
2	5419.20	62.09	74.00	-11.91	56.00	6.53	34.48	34.92	Peak	116	172	VERTICAL
3	5467.60	70.10	74.00	-3.90	63.87	6.60	34.55	34.92	Peak	116	172	VERTICAL
4	5470.00	52.91	54.00	-1.09	46.68	6.60	34.55	34.92	Average	116	172	VERTICAL
5	5503.20	105.13			98.80	6.65	34.60	34.92	Average	116	172	VERTICAL
6	5504.00	114.59			108.26	6.65	34.60	34.92	Peak	116	172	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5360.00	49.43	54.00	-4.57	43.48	6.47	34.39	34.91	Average	130	234	HORIZONTAL
2	5459.00	59.81	74.00	-14.19	53.60	6.60	34.53	34.92	Peak	130	234	HORIZONTAL
3	5461.00	58.18	74.00	-15.82	51.97	6.60	34.53	34.92	Peak	130	234	HORIZONTAL
4	5470.00	47.52	54.00	-6.48	41.29	6.60	34.55	34.92	Average	130	234	HORIZONTAL
5	5574.00	108.75			102.35	6.70	34.63	34.93	Average	130	234	HORIZONTAL
6	5585.00	118.36			111.94	6.72	34.63	34.93	Peak	130	234	HORIZONTAL
7	5736.00	46.84	54.00	-7.16	40.22	6.86	34.70	34.94	Average	130	234	HORIZONTAL
8	5755.00	58.22	74.00	-15.78	51.60	6.86	34.70	34.94	Peak	130	234	HORIZONTAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5706.40	103.50			96.93	6.83	34.68	34.94	Average	100	172	VERTICAL
2	5706.40	113.10			106.53	6.83	34.68	34.94	Peak	100	172	VERTICAL
3	5726.20	70.84	74.00	-3.16	64.26	6.83	34.69	34.94	Peak	100	172	VERTICAL
4	5726.60	52.82	54.00	-1.18	46.24	6.83	34.69	34.94	Average	100	172	VERTICAL

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

Note:

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

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

For 3TX

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5150.00	69.13	74.00	-4.87	66.18	4.34	33.14	34.53	Peak	22	131	VERTICAL
2	5150.00	52.77	54.00	-1.23	49.82	4.34	33.14	34.53	Average	22	131	VERTICAL
3	5173.75	116.77			113.75	4.36	33.19	34.53	Peak	22	131	VERTICAL
4	5173.75	107.29			104.27	4.36	33.19	34.53	Average	22	131	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5150.00	69.69	74.00	-4.31	66.74	4.34	33.14	34.53	Peak	18	123	VERTICAL
2	5150.00	52.39	54.00	-1.61	49.44	4.34	33.14	34.53	Average	18	123	VERTICAL
3	5193.59	121.24			118.18	4.37	33.22	34.53	Peak	18	123	VERTICAL
4	5194.39	110.34			107.28	4.37	33.22	34.53	Average	18	123	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5149.20	65.34	74.00	-8.66	62.39	4.34	33.14	34.53	Peak	19	119	VERTICAL
2	5150.00	52.56	54.00	-1.44	49.61	4.34	33.14	34.53	Average	19	119	VERTICAL
3	5239.20	122.62			119.49	4.39	33.27	34.53	Peak	19	119	VERTICAL
4	5248.81	113.87			110.70	4.40	33.30	34.53	Average	19	119	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5079.49	52.55	54.00	-1.45	49.75	4.30	33.03	34.53	Average	21	123	VERTICAL
2	5130.77	60.78	74.00	-13.22	57.87	4.33	33.11	34.53	Peak	21	123	VERTICAL
3	5268.01	123.24			120.02	4.42	33.33	34.53	Peak	21	123	VERTICAL
4	5268.01	113.92			110.70	4.42	33.33	34.53	Average	21	123	VERTICAL
5	5350.00	61.60	74.00	-12.40	58.20	4.47	33.46	34.53	Peak	21	123	VERTICAL
6	5350.00	51.32	54.00	-2.68	47.92	4.47	33.46	34.53	Average	21	123	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5079.49	59.11	74.00	-14.89	56.31	4.30	33.03	34.53	Peak	22	120	VERTICAL
2	5079.49	52.39	54.00	-1.61	49.59	4.30	33.03	34.53	Average	22	120	VERTICAL
3	5308.01	120.65			117.36	4.44	33.38	34.53	Peak	22	120	VERTICAL
4	5308.01	109.65			106.36	4.44	33.38	34.53	Average	22	120	VERTICAL
5	5350.00	69.64	74.00	-4.36	66.24	4.47	33.46	34.53	Peak	22	120	VERTICAL
6	5350.00	52.43	54.00	-1.57	49.03	4.47	33.46	34.53	Average	22	120	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5079.49	59.73	74.00	-14.27	56.93	4.30	33.03	34.53	Peak	22	121	VERTICAL
2	5079.49	51.84	54.00	-2.16	49.04	4.30	33.03	34.53	Average	22	121	VERTICAL
3	5328.01	116.86			113.50	4.46	33.43	34.53	Peak	22	121	VERTICAL
4	5328.01	105.89			102.53	4.46	33.43	34.53	Average	22	121	VERTICAL
5	5350.00	72.60	74.00	-1.40	69.20	4.47	33.46	34.53	Peak	22	121	VERTICAL
6	5350.00	52.54	54.00	-1.46	49.14	4.47	33.46	34.53	Average	22	121	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT20 CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5412.72	45.30	54.00	-8.70	41.74	4.52	33.57	34.53	Average	23	127	HORIZONTAL
2	5460.00	61.76	74.00	-12.24	58.13	4.54	33.62	34.53	Peak	23	127	HORIZONTAL
3	5470.00	72.12	74.00	-1.88	68.45	4.55	33.65	34.53	Peak	23	127	HORIZONTAL
4	5470.00	52.70	54.00	-1.30	49.03	4.55	33.65	34.53	Average	23	127	HORIZONTAL
5	5492.79	100.30			96.60	4.56	33.67	34.53	Average	23	127	HORIZONTAL
6	5493.59	111.80			108.10	4.56	33.67	34.53	Peak	23	127	HORIZONTAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5453.97	63.61	74.00	-10.39	59.98	4.54	33.62	34.53	Peak	327	120	VERTICAL
2	5470.00	48.52	54.00	-5.48	44.85	4.55	33.65	34.53	Average	327	120	VERTICAL
3	5573.59	113.32			109.33	4.62	33.91	34.54	Average	327	120	VERTICAL
4	5586.41	123.66			119.62	4.63	33.96	34.55	Peak	327	120	VERTICAL

Item 3, 4 are the fundamental frequency at 5580 MHz.

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5694.39	104.40			100.00	4.70	34.27	34.57	Average	13	100	VERTICAL
2	5695.19	115.73			111.33	4.70	34.27	34.57	Peak	13	100	VERTICAL
3	5725.00	72.77	74.00	-1.23	68.26	4.72	34.37	34.58	Peak	13	100	VERTICAL
4	5725.00	52.45	54.00	-1.55	47.94	4.72	34.37	34.58	Average	13	100	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014 ~ Sep. 24, 2014		

Channel 38

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5142.40	69.61	74.00	-4.39	64.70	6.13	33.98	35.20	Peak	128	25	VERTICAL
2	5150.00	52.82	54.00	-1.18	47.88	6.13	34.01	35.20	Average	128	25	VERTICAL
3	5197.60	99.96			94.89	6.16	34.11	35.20	Average	128	25	VERTICAL
4	5205.60	111.18			106.11	6.16	34.11	35.20	Peak	128	25	VERTICAL

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

Channel 46

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.30	52.82	54.00	-1.18	48.06	6.09	33.87	35.20	Average	122	23	VERTICAL
2	5149.30	71.48	74.00	-2.52	66.54	6.13	34.01	35.20	Peak	122	23	VERTICAL
3	5246.10	108.39			103.17	6.20	34.22	35.20	Average	122	23	VERTICAL
4	5246.80	117.74			112.52	6.20	34.22	35.20	Peak	122	23	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014 ~ Sep. 24, 2014		

Channel 54

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5079.60	52.94	54.00	-1.06	48.18	6.09	33.87	35.20	Average	122	23	VERTICAL
2	5147.60	59.09	74.00	-14.91	54.15	6.13	34.01	35.20	Peak	122	23	VERTICAL
3	5256.40	105.01			99.79	6.20	34.22	35.20	Average	122	23	VERTICAL
4	5256.40	114.54			109.32	6.20	34.22	35.20	Peak	122	23	VERTICAL
5	5354.80	63.63	74.00	-10.37	58.15	6.26	34.42	35.20	Peak	122	23	VERTICAL
6	5440.40	52.61	54.00	-1.39	46.89	6.32	34.60	35.20	Average	122	23	VERTICAL

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

Channel 62

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5080.00	52.60	54.00	-1.40	47.84	6.09	33.87	35.20	Average	111	24	VERTICAL
2	5080.00	60.10	74.00	-13.90	55.34	6.09	33.87	35.20	Peak	111	24	VERTICAL
3	5327.00	101.53			96.12	6.25	34.36	35.20	Average	111	24	VERTICAL
4	5327.00	110.99			105.58	6.25	34.36	35.20	Peak	111	24	VERTICAL
5	5350.00	52.89	54.00	-1.11	47.41	6.26	34.42	35.20	Average	111	24	VERTICAL
6	5350.00	69.50	74.00	-4.50	64.02	6.26	34.42	35.20	Peak	111	24	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11n MCS0 HT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 21, 2014 ~ Sep. 24, 2014		

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5440.00	49.88	54.00	-4.12	44.16	6.32	34.60	35.20	Average	116	330	VERTICAL
2	5460.00	62.48	74.00	-11.52	56.72	6.33	34.63	35.20	Peak	116	330	VERTICAL
3	5469.60	66.97	68.20	-1.23	61.16	6.34	34.67	35.20	Peak	116	330	VERTICAL
4	5514.40	98.59			92.71	6.37	34.71	35.20	Average	116	330	VERTICAL
5	5515.20	108.54			102.66	6.37	34.71	35.20	Peak	116	330	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5456.00	51.59	54.00	-2.41	45.83	6.33	34.63	35.20	Average	111	11	VERTICAL
2	5456.00	67.69	74.00	-6.31	61.93	6.33	34.63	35.20	Peak	111	11	VERTICAL
3	5470.00	66.65	68.20	-1.55	60.84	6.34	34.67	35.20	Peak	111	11	VERTICAL
4	5558.00	107.22			101.29	6.38	34.75	35.20	Average	111	11	VERTICAL
5	5558.00	117.82			111.89	6.38	34.75	35.20	Peak	111	11	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5654.80	115.61			109.56	6.42	34.83	35.20	Peak	117	17	VERTICAL
2	5655.60	105.48			99.43	6.42	34.83	35.20	Average	117	17	VERTICAL
3	5725.00	69.81	74.00	-4.19	63.67	6.45	34.89	35.20	Peak	117	17	VERTICAL
4	5733.00	52.32	54.00	-1.68	46.18	6.45	34.89	35.20	Average	117	17	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5149.04	72.74	74.00	-1.26	69.79	4.34	33.14	34.53	Peak	16	129	VERTICAL
2	5150.00	50.45	54.00	-3.55	47.50	4.34	33.14	34.53	Average	16	129	VERTICAL
3	5179.36	114.81			111.79	4.36	33.19	34.53	Peak	16	129	VERTICAL
4	5179.36	103.11			100.09	4.36	33.19	34.53	Average	16	129	VERTICAL

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

Channel 40

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5079.49	52.78	54.00	-1.22	49.98	4.30	33.03	34.53	Average	25	125	VERTICAL
2	5149.20	71.30	74.00	-2.70	68.35	4.34	33.14	34.53	Peak	25	125	VERTICAL
3	5199.20	120.06			117.00	4.37	33.22	34.53	Peak	25	125	VERTICAL
4	5199.20	109.54			106.48	4.37	33.22	34.53	Average	25	125	VERTICAL

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

Channel 48

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	cm	
1	5079.49	52.74	54.00	-1.26	49.94	4.30	33.03	34.53	Average	18	113	VERTICAL
2	5145.19	63.38	74.00	-10.62	60.43	4.34	33.14	34.53	Peak	18	113	VERTICAL
3	5235.19	122.89			119.76	4.39	33.27	34.53	Peak	18	113	VERTICAL
4	5244.81	114.25			111.08	4.40	33.30	34.53	Average	18	113	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5101.12	61.82	74.00	-12.18	58.98	4.31	33.06	34.53	Peak	21	115	VERTICAL
2	5119.55	52.94	54.00	-1.06	50.06	4.32	33.09	34.53	Average	21	115	VERTICAL
3	5259.20	123.91			120.69	4.42	33.33	34.53	Peak	21	115	VERTICAL
4	5259.20	115.48			112.26	4.42	33.33	34.53	Average	21	115	VERTICAL
5	5350.00	64.39	74.00	-9.61	60.99	4.47	33.46	34.53	Peak	21	115	VERTICAL
6	5350.00	52.75	54.00	-1.25	49.35	4.47	33.46	34.53	Average	21	115	VERTICAL

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

Channel 60

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5079.49	60.64	74.00	-13.36	57.84	4.30	33.03	34.53	Peak	20	114	VERTICAL
2	5079.49	52.18	54.00	-1.82	49.38	4.30	33.03	34.53	Average	20	114	VERTICAL
3	5299.20	120.41			117.12	4.44	33.38	34.53	Peak	20	114	VERTICAL
4	5299.20	109.68			106.39	4.44	33.38	34.53	Average	20	114	VERTICAL
5	5350.00	69.56	74.00	-4.44	66.16	4.47	33.46	34.53	Peak	20	114	VERTICAL
6	5350.00	52.79	54.00	-1.21	49.39	4.47	33.46	34.53	Average	20	114	VERTICAL

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

Channel 64

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5318.72	117.05			113.72	4.45	33.41	34.53	Peak	329	119	VERTICAL
2	5319.36	105.80			102.47	4.45	33.41	34.53	Average	329	119	VERTICAL
3	5350.00	72.88	74.00	-1.12	69.48	4.47	33.46	34.53	Peak	329	119	VERTICAL
4	5350.00	52.58	54.00	-1.42	49.18	4.47	33.46	34.53	Average	329	119	VERTICAL
5	5480.03	63.26	68.20	-4.94	59.56	4.56	33.67	34.53	Peak	329	119	VERTICAL

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

Temperature	26℃	Humidity	68%
Test Engineer	Mars Lin	Configurations	IEEE 802.11a CH 100, 116, 140 / Chain 1 + Chain 2 + Chain 3
Test Date	Sep. 20, 2014		

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5460.00	63.20	74.00	-10.80	59.57	4.54	33.62	34.53	Peak	329	121	VERTICAL
2	5460.00	49.52	54.00	-4.48	45.89	4.54	33.62	34.53	Average	329	121	VERTICAL
3	5469.36	72.42	74.00	-1.58	68.75	4.55	33.65	34.53	Peak	329	121	VERTICAL
4	5470.00	51.96	54.00	-2.04	48.29	4.55	33.65	34.53	Average	329	121	VERTICAL
5	5498.40	116.95			113.21	4.57	33.70	34.53	Peak	329	121	VERTICAL
6	5498.72	105.21			101.47	4.57	33.70	34.53	Average	329	121	VERTICAL

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

Channel 116

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5452.79	61.92	74.00	-12.08	58.29	4.54	33.62	34.53	Peak	330	118	VERTICAL
2	5452.79	51.19	54.00	-2.81	47.56	4.54	33.62	34.53	Average	330	118	VERTICAL
3	5468.40	63.69	74.00	-10.31	60.02	4.55	33.65	34.53	Peak	330	118	VERTICAL
4	5468.40	50.51	54.00	-3.49	46.84	4.55	33.65	34.53	Average	330	118	VERTICAL
5	5579.20	125.78			121.80	4.62	33.91	34.55	Peak	330	118	VERTICAL
6	5579.20	115.72			111.74	4.62	33.91	34.55	Average	330	118	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	T/Pos	A/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		deg	Cm	
1	5696.80	105.39			100.99	4.70	34.27	34.57	Average	333	108	VERTICAL
2	5706.41	116.68			112.23	4.71	34.32	34.58	Peak	333	108	VERTICAL
3	5725.00	51.23	54.00	-2.77	46.72	4.72	34.37	34.58	Average	333	108	VERTICAL
4	5726.60	72.37	74.00	-1.63	67.86	4.72	34.37	34.58	Peak	333	108	VERTICAL

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

Note:

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

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

4.6. Antenna Requirements

4.6.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.6.2. Antenna Connector Construction

Please refer to section 3.3 in this test report; antenna connector complied with the requirements.

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz~18GHz	Oct. 28, 2014	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2014	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Nov. 12, 2013	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Oct. 23, 2013	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100019	9kHz~40GHz	Dec. 02, 2013	Radiation (03CH01-CB)
Turn Table	INN CO	CO 2000	N/A	0 ~ 360 degree	N.C.R.	Radiation (03CH01-CB)
Antenna Mast	INN CO	CO 2000	N/A	1 m - 4 m	N.C.R.	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-3	N/A	1 GHz - 40 GHz	Nov. 17, 2013	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-4	N/A	1 GHz - 40 GHz	Nov. 17, 2013	Radiation (03CH01-CB)
Signal analyzer	R&S	FSV40	100979	9kHz~40GHz	Nov. 29, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-7	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-8	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-9	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-10	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-11	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Dec. 02, 2013	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Dec. 02, 2013	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

6. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%