Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5456.80	65.14	74.00	-8.86	27.41	3.52	34.21	0.00	Peak	116	196	VERTICAL
2	5460.00	45.93	54.00	-8.07	8.20	3.52	34.21	0.00	Average	116	196	VERTICAL
3	5466.15	67.88	74.00	-6.12	30.15	3.52	34.21	0.00	Peak	116	196	VERTICAL
4	5470.00	53.00	54.00	-1.00	15.24	3.52	34.24	0.00	Average	116	196	VERTICAL
5	5513.21	98.73			60.91	3.54	34.28	0.00	Average	116	196	VERTICAL
6	5513.53	113.30			75.48	3.54	34.28	0.00	Peak	116	196	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	5459.36	50.05	54.00	-3.95	12.32	3.52	34.21	0.00	Average	116	197	VERTICAL
2	5459.36	69.75	74.00	-4.25	32.02	3.52	34.21	0.00	Peak	116	197	VERTICAL
3	5469.36	69.18	74.00	-4.82	31.42	3.52	34.24	0.00	Peak	116	197	VERTICAL
4	5470.00	52.55	54.00	-1.45	14.79	3.52	34.24	0.00	Average	116	197	VERTICAL
5	5538.14	122.32			84.46	3.55	34.31	0.00	Peak	116	197	VERTICAL
6	5554.81	106.57			68.71	3.55	34.31	0.00	Average	116	197	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	5663.59	104.72			66.80	3.59	34.33	0.00	Average	100	196	VERTICAL
2	5683.78	119.33			81.41	3.59	34.33	0.00	Peak	100	196	VERTICAL
3	5725.00	52.52	54.00	-1.48	14.58	3.60	34.34	0.00	Average	100	196	VERTICAL
4	5727.56	69.06	74.00	-4.94	31.12	3.60	34.34	0.00	Peak	100	196	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS16 HT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5254.80	110.68			73.37	3.46	33.85	0.00	Average	110	198	VERTICAL
2	5257.20	124.20			86.89	3.46	33.85	0.00	Peak	110	198	VERTICAL
3	5350.00	49.90	54.00	-4.10	12.38	3.49	34.03	0.00	Average	110	198	VERTICAL
4	5353.20	73.00	74.00	-1.00	35.48	3.49	34.03	0.00	Peak	110	198	VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5249.40	72.91	74.00	-1.09	35.60	3.46	33.85	0.00	Peak	123	359	VERTICAL
2	5250.00	44.68	54.00	-9.32	7.37	3.46	33.85	0.00	Average	123	359	VERTICAL
3	5275.40	98.27			60.92	3.47	33.88	0.00	Average	123	359	VERTICAL
4	5277.20	115.84			78.49	3.47	33.88	0.00	Peak	123	359	VERTICAL

Item 3, 4 are the fundamental frequency at 5280 MHz.

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS16 HT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	119.17			81.79	3.47	33.91	0.00	Peak	109	193	VERTICAL
2	5303.60	104.94			67.52	3.48	33.94	0.00	Average	109	193	VERTICAL
3	5350.00	45.52	54.00	-8.48	8.00	3.49	34.03	0.00	Average	109	193	VERTICAL
4	5350.00	72.84	74.00	-1.16	35.32	3.49	34.03	0.00	Peak	109	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	5315.40	112.05			74.60	3.48	33.97	0.00	Peak	108	194	VERTICAL
2	5316.00	98.13			60.68	3.48	33.97	0.00	Average	108	194	VERTICAL
3	5350.00	44.12	54.00	-9.88	6.60	3.49	34.03	0.00	Average	108	194	VERTICAL
4	5353.80	72.55	74.00	-1.45	35.03	3.49	34.03	0.00	Peak	108	194	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS16 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.60	69.88	74.00	-4.12	32.15	3.52	34.21	0.00	Peak	103	195	VERTICAL
2	5459.80	44.40	54.00	-9.60	6.67	3.52	34.21	0.00	Average	103	195	VERTICAL
3	5467.60	72.10	74.00	-1.90	34.34	3.52	34.24	0.00	Peak	103	195	VERTICAL
4	5470.00	45.10	54.00	-8.90	7.34	3.52	34.24	0.00	Average	103	195	VERTICAL
5	5503.80	112.87			75.05	3.54	34.28	0.00	Peak	103	195	VERTICAL
6	5505.60	99.26			61.44	3.54	34.28	0.00	Average	103	195	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	5693.80	96.84			58.91	3.59	34.34	0.00	Average	110	196	VERTICAL
2	5695.00	110.85			72.92	3.59	34.34	0.00	Peak	110	196	VERTICAL
3	5725.00	44.30	54.00	-9.70	6.36	3.60	34.34	0.00	Average	110	196	VERTICAL
4	5725.40	72.57	74.00	-1.43	34.63	3.60	34.34	0.00	Peak	110	196	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS16 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5262.40	119.42			82.11	3.46	33.85	0.00	Peak	109	195	VERTICAL
2	5263.20	104.18			66.84	3.46	33.88	0.00	Average	109	195	VERTICAL
3	5350.00	52.70	54.00	-1.30	15.18	3.49	34.03	0.00	Average	109	195	VERTICAL
4	5350.00	70.59	74.00	-3.41	33.07	3.49	34.03	0.00	Peak	109	195	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	5315.20	111.01			73.56	3.48	33.97	0.00	Peak	109	196	VERTICAL
2	5317.20	96.10			58.65	3.48	33.97	0.00	Average	109	196	VERTICAL
3	5350.00	52.97	54.00	-1.03	15.45	3.49	34.03	0.00	Average	109	196	VERTICAL
4	5350.00	68.33	74.00	-5.67	30.81	3.49	34.03	0.00	Peak	109	196	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS16 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5458.80	60.13	74.00	-13.87	22.40	3.52	34.21	0.00	Peak	116	193	VERTICAL
2	5460.00	46.94	54.00	-7.06	9.21	3.52	34.21	0.00	Average	116	193	VERTICAL
3	5469.20	67.19	74.00	-6.81	29.43	3.52	34.24	0.00	Peak	116	193	VERTICAL
4	5470.00	52.66	54.00	-1.34	14.90	3.52	34.24	0.00	Average	116	193	VERTICAL
5	5505.20	96.90			59.08	3.54	34.28	0.00	Average	116	193	VERTICAL
6	5514.40	112.05			74.23	3.54	34.28	0.00	Peak	116	193	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	5459.60	68.12	74.00	-5.88	30.39	3.52	34.21	0.00	Peak	103	196	VERTICAL
2	5460.00	50.95	54.00	-3.05	13.22	3.52	34.21	0.00	Average	103	196	VERTICAL
3	5467.60	70.22	74.00	-3.78	32.46	3.52	34.24	0.00	Peak	103	196	VERTICAL
4	5470.00	52.77	54.00	-1.23	15.01	3.52	34.24	0.00	Average	103	196	VERTICAL
5	5542.80	120.76			82.90	3.55	34.31	0.00	Peak	103	196	VERTICAL
6	5544.40	104.65			66.79	3.55	34.31	0.00	Average	103	196	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	5660.80	102.96			65.04	3.59	34.33	0.00	Average	100	198	VERTICAL
2	5662.40	117.89			79.97	3.59	34.33	0.00	Peak	100	198	VERTICAL
3	5725.00	52.97	54.00	-1.03	15.03	3.60	34.34	0.00	Average	100	198	VERTICAL
4	5726.20	67.60	74.00	-6.40	29.66	3.60	34.34	0.00	Peak	100	198	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5253.27	113.57			76.26	3.46	33.85	0.00	Average	123	196	VERTICAL
2	5253.27	124.19			86.88	3.46	33.85	0.00	Peak	123	196	VERTICAL
3	5350.00	46.45	54.00	-7.55	8.93	3.49	34.03	0.00	Average	123	196	VERTICAL
4	5358.33	72.94	74.00	-1.06	35.42	3.49	34.03	0.00	Peak	123	196	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5249.80	72.90	74.00	-1.10	35.59	3.46	33.85	0.00	Peak	126	7	VERTICAL
2	5250.00	45.73	54.00	-8.27	8.42	3.46	33.85	0.00	Average	126	7	VERTICAL
3	5287.60	104.66			67.28	3.47	33.91	0.00	Average	126	7	VERTICAL
4	5287.60	117.49			80.11	3.47	33.91	0.00	Peak	126	7	VERTICAL

Item 3, 4 are the fundamental frequency at 5280 MHz.

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5292.95	118.63			81.25	3.47	33.91	0.00	Peak	110	195	VERTICAL
2	5293.27	107.96			70.58	3.47	33.91	0.00	Average	110	195	VERTICAL
3	5350.00	45.01	54.00	-8.99	7.49	3.49	34.03	0.00	Average	110	195	VERTICAL
4	5353.53	72.77	74.00	-1.23	35.25	3.49	34.03	0.00	Peak	110	195	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	5321.76	101.38			63.93	3.48	33.97	0.00	Average	122	195	VERTICAL
2	5322.56	112.30			74.84	3.49	33.97	0.00	Peak	122	195	VERTICAL
3	5350.00	43.13	54.00	-10.87	5.61	3.49	34.03	0.00	Average	122	195	VERTICAL
4	5352.24	72.95	74.00	-1.05	35.43	3.49	34.03	0.00	Peak	122	195	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.52	69.56	74.00	-4.44	31.83	3.52	34.21	0.00	Peak	115	196	VERTICAL
2	5460.00	42.34	54.00	-11.66	4.61	3.52	34.21	0.00	Average	115	196	VERTICAL
3	5467.44	72.66	74.00	-1.34	34.90	3.52	34.24	0.00	Peak	115	196	VERTICAL
4	5470.00	43.21	54.00	-10.79	5.45	3.52	34.24	0.00	Average	115	196	VERTICAL
5	5493.59	102.78			64.99	3.53	34.26	0.00	Average	115	196	VERTICAL
6	5506.25	113.94			76.12	3.54	34.28	0.00	Peak	115	196	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	5692.31	102.14			64.21	3.59	34.34	0.00	Average	100	196	VERTICAL
2	5692.47	113.17			75.24	3.59	34.34	0.00	Peak	100	196	VERTICAL
3	5725.00	44.53	54.00	-9.47	6.59	3.60	34.34	0.00	Average	100	196	VERTICAL
4	5726.44	72.99	74.00	-1.01	35.05	3.60	34.34	0.00	Peak	100	196	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5254.62	120.74			83.43	3.46	33.85	0.00	Peak	109	186	VERTICAL
2	5255.90	108.31			71.00	3.46	33.85	0.00	Average	109	186	VERTICAL
3	5351.92	52.45	54.00	-1.55	14.93	3.49	34.03	0.00	Average	109	186	VERTICAL
4	5352.89	65.21	74.00	-8.79	27.69	3.49	34.03	0.00	Peak	109	186	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	5302.95	99.82			62.40	3.48	33.94	0.00	Average	108	197	VERTICAL
2	5321.54	112.00			74.55	3.48	33.97	0.00	Peak	108	197	VERTICAL
3	5350.00	52.85	54.00	-1.15	15.33	3.49	34.03	0.00	Average	108	197	VERTICAL
4	5350.32	65.08	74.00	-8.92	27.56	3.49	34.03	0.00	Peak	108	197	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5458.72	59.24	74.00	-14.76	21.51	3.52	34.21	0.00	Peak	116	197	VERTICAL
2	5460.00	45.66	54.00	-8.34	7.93	3.52	34.21	0.00	Average	116	197	VERTICAL
3	5470.00	52.64	54.00	-1.36	14.88	3.52	34.24	0.00	Average	116	197	VERTICAL
4	5470.00	68.25	74.00	-5.75	30.49	3.52	34.24	0.00	Peak	116	197	VERTICAL
5	5511.92	112.28			74.46	3.54	34.28	0.00	Peak	116	197	VERTICAL
6	5512.89	100.62			62.80	3.54	34.28	0.00	Average	116	197	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	5459.04	63.07	74.00	-10.93	25.34	3.52	34.21	0.00	Peak	116	199	VERTICAL
2	5460.00	48.81	54.00	-5.19	11.08	3.52	34.21	0.00	Average	116	199	VERTICAL
3	5468.72	70.55	74.00	-3.45	32.79	3.52	34.24	0.00	Peak	116	199	VERTICAL
4	5470.00	52.63	54.00	-1.37	14.87	3.52	34.24	0.00	Average	116	199	VERTICAL
5	5552.36	121.55			83.69	3.55	34.31	0.00	Peak	116	199	VERTICAL
6	5552.89	109.28			71.42	3.55	34.31	0.00	Average	116	199	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	5668.72	105.66			67.74	3.59	34.33	0.00	Average	100	195	VERTICAL
2	5671.60	117.72			79.80	3.59	34.33	0.00	Peak	100	195	VERTICAL
3	5725.00	52.96	54.00	-1.04	15.02	3.60	34.34	0.00	Average	100	195	VERTICAL
4	5725.96	68.88	74.00	-5.12	30.94	3.60	34.34	0.00	Peak	100	195	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna 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	39.83	54.00	-14.17	2.73	3.43	33.67	0.00	Average	124	195	VERTICAL
2	5150.00	49.67	74.00	-24.33	12.57	3.43	33.67	0.00	Peak	124	195	VERTICAL
3	5292.40	89.38			52.00	3.47	33.91	0.00	Average	124	195	VERTICAL
4	5309.23	101.06			63.64	3.48	33.94	0.00	Peak	124	195	VERTICAL
5	5350.00	52.71	54.00	-1.29	15.19	3.49	34.03	0.00	Average	124	195	VERTICAL
6	5350.00	68.12	74.00	-5.88	30.60	3.49	34.03	0.00	Peak	124	195	VERTICAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	44.37	54.00	-9.63	6.64	3.52	34.21	0.00	Average	100	179	VERTICAL
2	5460.00	58.18	74.00	-15.82	20.45	3.52	34.21	0.00	Peak	100	179	VERTICAL
3	5470.00	52.77	54.00	-1.23	15.01	3.52	34.24	0.00	Average	100	179	VERTICAL
4	5470.00	68.08	74.00	-5.92	30.32	3.52	34.24	0.00	Peak	100	179	VERTICAL
5	5519.00	101.36			63.52	3.54	34.30	0.00	Peak	100	179	VERTICAL
6	5548.00	88.09			50.23	3.55	34.31	0.00	Average	100	179	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5257.60	112.11			74.80	3.46	33.85	0.00	Average	123	197	VERTICAL
2	5258.00	123.81			86.50	3.46	33.85	0.00	Peak	123	197	VERTICAL
3	5350.00	50.90	54.00	-3.10	13.38	3.49	34.03	0.00	Average	123	197	VERTICAL
4	5353.60	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	123	197	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5249.80	72.25	74.00	-1.75	34.94	3.46	33.85	0.00	Peak	110	351	VERTICAL
2	5250.00	45.09	54.00	-8.91	7.78	3.46	33.85	0.00	Average	110	351	VERTICAL
3	5282.40	101.82			64.44	3.47	33.91	0.00	Average	110	351	VERTICAL
4	5283.20	117.22			79.84	3.47	33.91	0.00	Peak	110	351	VERTICAL

Item 3, 4 are the fundamental frequency at 5280 MHz.

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	119.38			82.00	3.47	33.91	0.00	Peak	109	197	VERTICAL
2	5298.00	107.71			70.29	3.48	33.94	0.00	Average	109	197	VERTICAL
3	5350.00	45.92	54.00	-8.08	8.40	3.49	34.03	0.00	Average	109	197	VERTICAL
4	5355.20	72.91	74.00	-1.09	35.39	3.49	34.03	0.00	Peak	109	197	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	112.57			75.11	3.49	33.97	0.00	Peak	107	186	VERTICAL
2	5327.40	99.79			62.33	3.49	33.97	0.00	Average	107	186	VERTICAL
3	5350.00	43.78	54.00	-10.22	6.26	3.49	34.03	0.00	Average	107	186	VERTICAL
4	5350.80	72.89	74.00	-1.11	35.37	3.49	34.03	0.00	Peak	107	186	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5457.40	71.91	74.00	-2.09	34.18	3.52	34.21	0.00	Peak	104	197	VERTICAL
2	5460.00	44.69	54.00	-9.31	6.96	3.52	34.21	0.00	Average	104	197	VERTICAL
3	5466.00	73.00	74.00	-1.00	35.27	3.52	34.21	0.00	Peak	104	197	VERTICAL
4	5470.00	45.64	54.00	-8.36	7.88	3.52	34.24	0.00	Average	104	197	VERTICAL
5	5495.60	117.01			79.22	3.53	34.26	0.00	Peak	104	197	VERTICAL
6	5497.80	103.55			65.76	3.53	34.26	0.00	Average	104	197	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5702.40	111.37			73.44	3.59	34.34	0.00	Peak	110	199	VERTICAL
2	5705.00	98.56			60.62	3.60	34.34	0.00	Average	110	199	VERTICAL
3	5725.00	44.51	54.00	-9.49	6.57	3.60	34.34	0.00	Average	110	199	VERTICAL
4	5729.80	72.82	74.00	-1.18	34.88	3.60	34.34	0.00	Peak	110	199	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5277.60	107.69			70.34	3.47	33.88	0.00	Average	122	199	VERTICAL
2	5278.00	121.41			84.06	3.47	33.88	0.00	Peak	122	199	VERTICAL
3	5350.00	52.66	54.00	-1.34	15.14	3.49	34.03	0.00	Average	122	199	VERTICAL
4	5350.40	66.30	74.00	-7.70	28.78	3.49	34.03	0.00	Peak	122	199	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	5318.00	99.33			61.88	3.48	33.97	0.00	Average	110	187	VERTICAL
2	5319.20	112.76			75.31	3.48	33.97	0.00	Peak	110	187	VERTICAL
3	5350.00	52.42	54.00	-1.58	14.90	3.49	34.03	0.00	Average	110	187	VERTICAL
4	5354.40	67.39	74.00	-6.61	29.87	3.49	34.03	0.00	Peak	110	187	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5457.20	65.78	74.00	-8.22	28.05	3.52	34.21	0.00	Peak	104	197	VERTICAL
2	5460.00	46.14	54.00	-7.86	8.41	3.52	34.21	0.00	Average	104	197	VERTICAL
3	5468.40	67.57	74.00	-6.43	29.81	3.52	34.24	0.00	Peak	104	197	VERTICAL
4	5470.00	52.43	54.00	-1.57	14.67	3.52	34.24	0.00	Average	104	197	VERTICAL
5	5517.20	112.97			75.15	3.54	34.28	0.00	Peak	104	197	VERTICAL
6	5518.00	99.46			61.64	3.54	34.28	0.00	Average	104	197	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	5458.80	64.38	74.00	-9.62	26.65	3.52	34.21	0.00	Peak	100	190	VERTICAL
2	5460.00	51.20	54.00	-2.80	13.47	3.52	34.21	0.00	Average	100	190	VERTICAL
3	5465.60	68.76	74.00	-5.24	31.03	3.52	34.21	0.00	Peak	100	190	VERTICAL
4	5470.00	52.77	54.00	-1.23	15.01	3.52	34.24	0.00	Average	100	190	VERTICAL
5	5547.60	107.08			69.22	3.55	34.31	0.00	Average	100	190	VERTICAL
6	5551.20	120.65			82.79	3.55	34.31	0.00	Peak	100	190	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	5668.00	104.47			66.55	3.59	34.33	0.00	Average	100	188	VERTICAL
2	5668.00	119.01			81.09	3.59	34.33	0.00	Peak	100	188	VERTICAL
3	5725.00	52.53	54.00	-1.47	14.59	3.60	34.34	0.00	Average	100	188	VERTICAL
4	5725.00	69.73	74.00	-4.27	31.79	3.60	34.34	0.00	Peak	100	188	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna 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	41.77	54.00	-12.23	4.67	3.43	33.67	0.00	Average	125	187	VERTICAL
2	5150.00	55.29	74.00	-18.71	18.19	3.43	33.67	0.00	Peak	125	187	VERTICAL
3	5290.00	90.91			53.53	3.47	33.91	0.00	Average	125	187	VERTICAL
4	5297.00	105.34			67.92	3.48	33.94	0.00	Peak	125	187	VERTICAL
5	5350.00	52.61	54.00	-1.39	15.09	3.49	34.03	0.00	Average	125	187	VERTICAL
6	5350.00	66.76	74.00	-7.24	29.24	3.49	34.03	0.00	Peak	125	187	VERTICAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5457.00	59.63	74.00	-14.37	21.90	3.52	34.21	0.00	Peak	116	187	VERTICAL
2	5460.00	46.37	74.00	-27.63	8.64	3.52	34.21	0.00	Peak	116	187	VERTICAL
3	5470.00	52.63	54.00	-1.37	14.87	3.52	34.24	0.00	Average	116	187	VERTICAL
4	5470.00	68.66	74.00	-5.34	30.90	3.52	34.24	0.00	Peak	116	187	VERTICAL
5	5537.00	103.90			66.04	3.55	34.31	0.00	Peak	116	187	VERTICAL
6	5546.00	87.39			49.53	3.55	34.31	0.00	Average	116	187	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5257.60	111.66			74.35	3.46	33.85	0.00	Average	110	196	VERTICAL
2	5260.80	123.32			86.01	3.46	33.85	0.00	Peak	110	196	VERTICAL
3	5350.00	50.37	54.00	-3.63	12.85	3.49	34.03	0.00	Average	110	196	VERTICAL
4	5352.40	72.99	74.00	-1.01	35.47	3.49	34.03	0.00	Peak	110	196	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5249.80	72.68	74.00	-1.32	35.37	3.46	33.85	0.00	Peak	123	359	VERTICAL
2	5250.00	44.88	54.00	-9.12	7.57	3.46	33.85	0.00	Average	123	359	VERTICAL
3	5276.80	115.89			78.54	3.47	33.88	0.00	Peak	123	359	VERTICAL
4	5282.20	99.65			62.27	3.47	33.91	0.00	Average	123	359	VERTICAL

Item 3, 4 are the fundamental frequency at 5280 MHz.

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5298.40	118.49			81.07	3.48	33.94	0.00	Peak	108	192	VERTICAL
2	5302.40	105.43			68.01	3.48	33.94	0.00	Average	108	192	VERTICAL
3	5350.00	45.85	54.00	-8.15	8.33	3.49	34.03	0.00	Average	108	192	VERTICAL
4	5352.40	72.95	74.00	-1.05	35.43	3.49	34.03	0.00	Peak	108	192	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	5313.20	111.15			73.73	3.48	33.94	0.00	Peak	121	196	VERTICAL
2	5326.60	98.73			61.27	3.49	33.97	0.00	Average	121	196	VERTICAL
3	5350.00	43.91	54.00	-10.09	6.39	3.49	34.03	0.00	Average	121	196	VERTICAL
4	5350.40	73.00	74.00	-1.00	35.48	3.49	34.03	0.00	Peak	121	196	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.00	69.63	74.00	-4.37	31.90	3.52	34.21	0.00	Peak	116	197	VERTICAL
2	5460.00	44.46	54.00	-9.54	6.73	3.52	34.21	0.00	Average	116	197	VERTICAL
3	5469.20	72.91	74.00	-1.09	35.15	3.52	34.24	0.00	Peak	116	197	VERTICAL
4	5470.00	44.68	54.00	-9.32	6.92	3.52	34.24	0.00	Average	116	197	VERTICAL
5	5506.40	100.51			62.69	3.54	34.28	0.00	Average	116	197	VERTICAL
6	5506.40	112.82			75.00	3.54	34.28	0.00	Peak	116	197	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	5693.40	98.66			60.73	3.59	34.34	0.00	Average	110	196	VERTICAL
2	5694.60	111.80			73.87	3.59	34.34	0.00	Peak	110	196	VERTICAL
3	5725.00	44.44	54.00	-9.56	6.50	3.60	34.34	0.00	Average	110	196	VERTICAL
4	5725.00	72.76	74.00	-1.24	34.82	3.60	34.34	0.00	Peak	110	196	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5266.40	105.08			67.74	3.46	33.88	0.00	Average	122	197	VERTICAL
2	5274.00	119.23			81.88	3.47	33.88	0.00	Peak	122	197	VERTICAL
3	5350.00	52.53	54.00	-1.47	15.01	3.49	34.03	0.00	Average	122	197	VERTICAL
4	5350.40	64.94	74.00	-9.06	27.42	3.49	34.03	0.00	Peak	122	197	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	5296.00	110.70			73.32	3.47	33.91	0.00	Peak	120	196	VERTICAL
2	5306.40	96.97			59.55	3.48	33.94	0.00	Average	120	196	VERTICAL
3	5350.00	52.47	54.00	-1.53	14.95	3.49	34.03	0.00	Average	120	196	VERTICAL
4	5353.20	69.66	74.00	-4.34	32.14	3.49	34.03	0.00	Peak	120	196	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5459.20	59.98	74.00	-14.02	22.25	3.52	34.21	0.00	Peak	103	197	VERTICAL
2	5460.00	46.22	54.00	-7.78	8.49	3.52	34.21	0.00	Average	103	197	VERTICAL
3	5469.60	67.00	74.00	-7.00	29.24	3.52	34.24	0.00	Peak	103	197	VERTICAL
4	5470.00	52.50	54.00	-1.50	14.74	3.52	34.24	0.00	Average	103	197	VERTICAL
5	5506.40	97.81			59.99	3.54	34.28	0.00	Average	103	197	VERTICAL
6	5516.00	112.50			74.68	3.54	34.28	0.00	Peak	103	197	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	5456.40	67.04	74.00	-6.96	29.31	3.52	34.21	0.00	Peak	115	199	VERTICAL
2	5460.00	50.67	54.00	-3.33	12.94	3.52	34.21	0.00	Average	115	199	VERTICAL
3	5461.60	70.01	74.00	-3.99	32.28	3.52	34.21	0.00	Peak	115	199	VERTICAL
4	5470.00	52.66	54.00	-1.34	14.90	3.52	34.24	0.00	Average	115	199	VERTICAL
5	5542.40	120.96			83.10	3.55	34.31	0.00	Peak	115	199	VERTICAL
6	5557.60	106.25			68.39	3.55	34.31	0.00	Average	115	199	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	5662.80	118.08			80.16	3.59	34.33	0.00	Peak	100	191	VERTICAL
2	5673.20	103.69			65.77	3.59	34.33	0.00	Average	100	191	VERTICAL
3	5725.00	52.68	54.00	-1.32	14.74	3.60	34.34	0.00	Average	100	191	VERTICAL
4	5725.80	70.18	74.00	-3.82	32.24	3.60	34.34	0.00	Peak	100	191	VERTICAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5298.40	103.03			65.61	3.48	33.94	0.00	Peak	110	192	VERTICAL
2	5302.00	86.11			48.69	3.48	33.94	0.00	Average	110	192	VERTICAL
3	5350.00	52.48	54.00	-1.52	14.96	3.49	34.03	0.00	Average	110	192	VERTICAL
4	5350.00	66.21	74.00	-7.79	28.69	3.49	34.03	0.00	Peak	110	192	VERTICAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.40	60.49	74.00	-13.51	22.76	3.52	34.21	0.00	Peak	116	197	VERTICAL
2	5460.00	46.75	54.00	-7.25	9.02	3.52	34.21	0.00	Average	116	197	VERTICAL
3	5470.00	52.94	54.00	-1.06	15.18	3.52	34.24	0.00	Average	116	197	VERTICAL
4	5470.00	67.65	74.00	-6.35	29.89	3.52	34.24	0.00	Peak	116	197	VERTICAL
5	5513.20	101.81			63.99	3.54	34.28	0.00	Peak	116	197	VERTICAL
6	5518.00	85.98			48.16	3.54	34.28	0.00	Average	116	197	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5255.19	113.53			76.22	3.46	33.85	0.00	Average	123	183	VERTICAL
2	5265.13	124.23			86.89	3.46	33.88	0.00	Peak	123	183	VERTICAL
3	5350.00	45.66	54.00	-8.34	8.14	3.49	34.03	0.00	Average	123	183	VERTICAL
4	5354.17	71.65	74.00	-2.35	34.13	3.49	34.03	0.00	Peak	123	183	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5249.80	45.79	54.00	-8.21	8.48	3.46	33.85	0.00	Average	127	358	VERTICAL
2	5249.80	72.56	74.00	-1.44	35.25	3.46	33.85	0.00	Peak	127	358	VERTICAL
3	5279.00	117.66			80.31	3.47	33.88	0.00	Peak	127	358	VERTICAL
4	5279.20	104.76			67.41	3.47	33.88	0.00	Average	127	358	VERTICAL

Item 3, 4 are the fundamental frequency at 5280 MHz.

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

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	5303.21	108.07			70.65	3.48	33.94	0.00	Average	120	186	VERTICAL
2	5303.21	119.38			81.96	3.48	33.94	0.00	Peak	120	186	VERTICAL
3	5350.00	44.71	54.00	-9.29	7.19	3.49	34.03	0.00	Average	120	186	VERTICAL
4	5352.56	72.94	74.00	-1.06	35.42	3.49	34.03	0.00	Peak	120	186	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	5326.25	112.98			75.52	3.49	33.97	0.00	Peak	134	190	VERTICAL
2	5326.57	101.66			64.20	3.49	33.97	0.00	Average	134	190	VERTICAL
3	5350.00	42.16	54.00	-11.84	4.64	3.49	34.03	0.00	Average	134	190	VERTICAL
4	5350.32	72.86	74.00	-1.14	35.34	3.49	34.03	0.00	Peak	134	190	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 6 (Ant.9 Panel antenna / 9.2dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5458.40	43.56	54.00	-10.44	5.83	3.52	34.21	0.00	Average	116	190	VERTICAL
2	5459.04	70.12	74.00	-3.88	32.39	3.52	34.21	0.00	Peak	116	190	VERTICAL
3	5463.27	72.85	74.00	-1.15	35.12	3.52	34.21	0.00	Peak	116	190	VERTICAL
4	5470.00	44.11	54.00	-9.89	6.35	3.52	34.24	0.00	Average	116	190	VERTICAL
5	5498.40	104.70			66.91	3.53	34.26	0.00	Average	116	190	VERTICAL
6	5503.69	115.77			77.95	3.54	34.28	0.00	Peak	116	190	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	5695.99	104.08			66.15	3.59	34.34	0.00	Average	100	189	VERTICAL
2	5695.99	115.26			77.33	3.59	34.34	0.00	Peak	100	189	VERTICAL
3	5725.00	44.88	54.00	-9.12	6.94	3.60	34.34	0.00	Average	100	189	VERTICAL
4	5725.80	72.97	74.00	-1.03	35.03	3.60	34.34	0.00	Peak	100	189	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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 60, 64 / 1TX / Chain 1
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5134.62	41.76	54.00	-12.24	4.69	3.43	33.64	0.00	Average	134	151	HORIZONTAL
2	5135.10	56.94	74.00	-17.06	19.87	3.43	33.64	0.00	Peak	134	151	HORIZONTAL
3	5254.71	116.12			78.81	3.46	33.85	0.00	Peak	134	151	HORIZONTAL
4	5255.67	103.50			66.19	3.46	33.85	0.00	Average	134	151	HORIZONTAL
5	5352.40	66.86	74.00	-7.14	29.34	3.49	34.03	0.00	Peak	134	151	HORIZONTAL
6	5353.37	43.80	54.00	-10.20	6.28	3.49	34.03	0.00	Average	134	151	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	5303.85	116.60			79.18	3.48	33.94	0.00	Peak	101	98	VERTICAL
2	5305.13	104.18			66.76	3.48	33.94	0.00	Average	101	98	VERTICAL
3	5350.32	48.43	54.00	-5.57	10.91	3.49	34.03	0.00	Average	101	98	VERTICAL
4	5352.56	72.81	74.00	-1.19	35.29	3.49	34.03	0.00	Peak	101	98	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	5313.59	111.36			73.94	3.48	33.94	0.00	Peak	100	98	VERTICAL
2	5314.07	99.29			61.84	3.48	33.97	0.00	Average	100	98	VERTICAL
3	5350.00	46.80	54.00	-7.20	9.28	3.49	34.03	0.00	Average	100	98	VERTICAL
4	5350.32	72.80	74.00	-1.20	35.28	3.49	34.03	0.00	Peak	100	98	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch 100, 140 / 1TX / Chain 1
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5460.00	44.00	54.00	-10.00	6.29	3.52	34.19	0.00	Average	143	158	HORIZONTAL
2	5460.00	69.68	74.00	-4.32	31.97	3.52	34.19	0.00	Peak	143	158	HORIZONTAL
3	5469.52	72.98	74.00	-1.02	35.25	3.52	34.21	0.00	Peak	143	158	HORIZONTAL
4	5470.00	46.26	54.00	-7.74	8.53	3.52	34.21	0.00	Average	143	158	HORIZONTAL
5	5503.21	111.75			73.96	3.54	34.25	0.00	Peak	143	158	HORIZONTAL
6	5504.81	99.41			61.62	3.54	34.25	0.00	Average	143	158	HORIZONTAL

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	5693.27	99.82			61.89	3.59	34.34	0.00	Average	100	127	HORIZONTAL
2	5693.75	111.59			73.66	3.59	34.34	0.00	Peak	100	127	HORIZONTAL
3	5725.00	48.62	54.00	-5.38	10.68	3.60	34.34	0.00	Average	100	127	HORIZONTAL
4	5725.48	72.88	74.00	-1.12	34.94	3.60	34.34	0.00	Peak	100	127	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 54, 62 / 1TX / Chain 1
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5258.78	98.88			61.57	3.46	33.85	0.00	Average	136	152	HORIZONTAL
2	5258.78	112.80			75.49	3.46	33.85	0.00	Peak	136	152	HORIZONTAL
3	5350.00	45.44	54.00	-8.56	7.92	3.49	34.03	0.00	Average	136	152	HORIZONTAL
4	5350.64	62.31	74.00	-11.69	24.79	3.49	34.03	0.00	Peak	136	152	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	5297.50	93.24			55.82	3.48	33.94	0.00	Average	204	150	HORIZONTAL
2	5297.82	107.20			69.78	3.48	33.94	0.00	Peak	204	150	HORIZONTAL
3	5350.00	52.89	54.00	-1.11	15.37	3.49	34.03	0.00	Average	204	150	HORIZONTAL
4	5350.00	69.16	74.00	-4.84	31.64	3.49	34.03	0.00	Peak	204	150	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5457.76	63.69	74.00	-10.31	25.98	3.52	34.19	0.00	Peak	141	160	HORIZONTAL
2	5460.00	45.86	54.00	-8.14	8.15	3.52	34.19	0.00	Average	141	160	HORIZONTAL
3	5470.00	52.97	54.00	-1.03	15.24	3.52	34.21	0.00	Average	141	160	HORIZONTAL
4	5470.00	69.08	74.00	-4.92	31.35	3.52	34.21	0.00	Peak	141	160	HORIZONTAL
5	5513.53	95.07			57.28	3.54	34.25	0.00	Average	141	160	HORIZONTAL
6	5515.13	109.33			71.54	3.54	34.25	0.00	Peak	141	160	HORIZONTAL

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	5452.95	61.03	74.00	-12.97	23.32	3.52	34.19	0.00	Peak	202	156	HORIZONTAL
2	5460.00	47.53	54.00	-6.47	9.82	3.52	34.19	0.00	Average	202	156	HORIZONTAL
3	5468.08	64.64	74.00	-9.36	26.91	3.52	34.21	0.00	Peak	202	156	HORIZONTAL
4	5470.00	49.97	54.00	-4.03	12.24	3.52	34.21	0.00	Average	202	156	HORIZONTAL
5	5541.03	113.87			76.03	3.55	34.29	0.00	Peak	202	156	HORIZONTAL
6	5542.31	100.04			62.20	3.55	34.29	0.00	Average	202	156	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	5658.78	97.00			59.08	3.59	34.33	0.00	Average	100	127	HORIZONTAL
2	5658.78	111.15			73.23	3.59	34.33	0.00	Peak	100	127	HORIZONTAL
3	5726.28	68.93	74.00	-5.07	30.99	3.60	34.34	0.00	Peak	100	127	HORIZONTAL
4	5727.89	52.88	54.00	-1.12	14.94	3.60	34.34	0.00	Average	100	127	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52, 60, 64 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	41.98	54.00	-12.02	4.88	3.43	33.67	0.00	Average	102	97	VERTICAL
2	5150.00	57.36	74.00	-16.64	20.26	3.43	33.67	0.00	Peak	102	97	VERTICAL
3	5263.85	104.39			67.05	3.46	33.88	0.00	Average	102	97	VERTICAL
4	5264.33	115.88			78.54	3.46	33.88	0.00	Peak	102	97	VERTICAL
5	5354.33	67.32	74.00	-6.68	29.80	3.49	34.03	0.00	Peak	102	97	VERTICAL
6	5354.81	44.20	54.00	-9.80	6.68	3.49	34.03	0.00	Average	102	97	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	5293.59	104.46			67.08	3.47	33.91	0.00	Average	201	150	HORIZONTAL
2	5295.51	116.46			79.08	3.47	33.91	0.00	Peak	201	150	HORIZONTAL
3	5350.00	48.62	54.00	-5.38	11.10	3.49	34.03	0.00	Average	201	150	HORIZONTAL
4	5350.32	72.62	74.00	-1.38	35.10	3.49	34.03	0.00	Peak	201	150	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	5321.92	113.67			76.22	3.48	33.97	0.00	Peak	196	144	HORIZONTAL
2	5322.08	100.80			63.35	3.48	33.97	0.00	Average	196	144	HORIZONTAL
3	5350.00	46.84	54.00	-7.16	9.32	3.49	34.03	0.00	Average	196	144	HORIZONTAL
4	5350.32	72.96	74.00	-1.04	35.44	3.49	34.03	0.00	Peak	196	144	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch 100, 140 / 1TX / Chain 1
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5460.00	43.60	54.00	-10.40	5.89	3.52	34.19	0.00	Average	207	155	HORIZONTAL
2	5460.00	68.92	74.00	-5.08	31.21	3.52	34.19	0.00	Peak	207	155	HORIZONTAL
3	5469.84	72.56	74.00	-1.44	34.83	3.52	34.21	0.00	Peak	207	155	HORIZONTAL
4	5470.00	46.00	54.00	-8.00	8.27	3.52	34.21	0.00	Average	207	155	HORIZONTAL
5	5504.49	100.18			62.39	3.54	34.25	0.00	Average	207	155	HORIZONTAL
6	5505.61	112.87			75.08	3.54	34.25	0.00	Peak	207	155	HORIZONTAL

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	5693.43	100.18			62.25	3.59	34.34	0.00	Average	100	128	HORIZONTAL
2	5696.15	112.46			74.53	3.59	34.34	0.00	Peak	100	128	HORIZONTAL
3	5725.00	49.16	54.00	-4.84	11.22	3.60	34.34	0.00	Average	100	128	HORIZONTAL
4	5725.16	72.89	74.00	-1.11	34.95	3.60	34.34	0.00	Peak	100	128	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 54, 62 / 1TX / Chain 1
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5278.97	100.23			62.88	3.47	33.88	0.00	Average	202	148	HORIZONTAL
2	5281.22	114.51			77.13	3.47	33.91	0.00	Peak	202	148	HORIZONTAL
3	5350.00	48.12	54.00	-5.88	10.60	3.49	34.03	0.00	Average	202	148	HORIZONTAL
4	5352.24	65.09	74.00	-8.91	27.57	3.49	34.03	0.00	Peak	202	148	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	5294.94	92.92			55.54	3.47	33.91	0.00	Average	202	149	HORIZONTAL
2	5296.22	107.81			70.43	3.47	33.91	0.00	Peak	202	149	HORIZONTAL
3	5350.00	52.85	54.00	-1.15	15.33	3.49	34.03	0.00	Average	202	149	HORIZONTAL
4	5350.32	67.90	74.00	-6.10	30.38	3.49	34.03	0.00	Peak	202	149	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5453.91	64.40	74.00	-9.60	26.69	3.52	34.19	0.00	Peak	139	151	HORIZONTAL
2	5460.00	46.92	54.00	-7.08	9.21	3.52	34.19	0.00	Average	139	151	HORIZONTAL
3	5470.00	52.90	54.00	-1.10	15.17	3.52	34.21	0.00	Average	139	151	HORIZONTAL
4	5470.00	69.08	74.00	-4.92	31.35	3.52	34.21	0.00	Peak	139	151	HORIZONTAL
5	5511.60	110.11			72.32	3.54	34.25	0.00	Peak	139	151	HORIZONTAL
6	5512.24	96.69			58.90	3.54	34.25	0.00	Average	139	151	HORIZONTAL

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	47.50	54.00	-6.50	9.79	3.52	34.19	0.00	Average	202	155	HORIZONTAL
2	5460.00	61.13	74.00	-12.87	23.42	3.52	34.19	0.00	Peak	202	155	HORIZONTAL
3	5470.00	50.14	54.00	-3.86	12.41	3.52	34.21	0.00	Average	202	155	HORIZONTAL
4	5470.00	64.01	74.00	-9.99	26.28	3.52	34.21	0.00	Peak	202	155	HORIZONTAL
5	5542.31	113.85			76.01	3.55	34.29	0.00	Peak	202	155	HORIZONTAL
6	5543.59	99.83			61.99	3.55	34.29	0.00	Average	202	155	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	5658.78	96.66			58.74	3.59	34.33	0.00	Average	100	129	HORIZONTAL
2	5659.74	110.00			72.08	3.59	34.33	0.00	Peak	100	129	HORIZONTAL
3	5727.89	52.97	54.00	-1.03	15.03	3.60	34.34	0.00	Average	100	129	HORIZONTAL
4	5730.77	67.48	74.00	-6.52	29.53	3.61	34.34	0.00	Peak	100	129	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 58, 106 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5277.98	86.98			49.63	3.47	33.88	0.00	Average	200	149	HORIZONTAL
2	5279.58	100.88			63.53	3.47	33.88	0.00	Peak	200	149	HORIZONTAL
3	5350.00	52.98	54.00	-1.02	15.46	3.49	34.03	0.00	Average	200	149	HORIZONTAL
4	5350.00	66.41	74.00	-7.59	28.89	3.49	34.03	0.00	Peak	200	149	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.20	61.93	74.00	-12.07	24.22	3.52	34.19	0.00	Peak	201	155	HORIZONTAL
2	5460.00	47.53	54.00	-6.47	9.82	3.52	34.19	0.00	Average	201	155	HORIZONTAL
3	5470.00	52.99	54.00	-1.01	15.26	3.52	34.21	0.00	Average	201	155	HORIZONTAL
4	5470.00	66.67	74.00	-7.33	28.94	3.52	34.21	0.00	Peak	201	155	HORIZONTAL
5	5539.62	101.25			63.41	3.55	34.29	0.00	Peak	201	155	HORIZONTAL
6	5541.22	88.16			50.32	3.55	34.29	0.00	Average	201	155	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5262.56	122.15			84.84	3.46	33.85	0.00	Peak	118	335	HORIZONTAL
2	5263.85	110.74			73.40	3.46	33.88	0.00	Average	118	335	HORIZONTAL
3	5350.00	45.07	54.00	-8.93	7.55	3.49	34.03	0.00	Average	118	335	HORIZONTAL
4	5350.32	71.47	74.00	-2.53	33.95	3.49	34.03	0.00	Peak	118	335	HORIZONTAL

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	5304.81	108.27			70.85	3.48	33.94	0.00	Average	128	329	HORIZONTAL
2	5305.13	119.69			82.27	3.48	33.94	0.00	Peak	128	329	HORIZONTAL
3	5350.00	44.74	54.00	-9.26	7.22	3.49	34.03	0.00	Average	128	329	HORIZONTAL
4	5357.05	72.86	74.00	-1.14	35.34	3.49	34.03	0.00	Peak	128	329	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	5312.63	114.10			76.68	3.48	33.94	0.00	Peak	117	334	HORIZONTAL
2	5313.11	102.94			65.52	3.48	33.94	0.00	Average	117	334	HORIZONTAL
3	5350.00	44.02	54.00	-9.98	6.50	3.49	34.03	0.00	Average	117	334	HORIZONTAL
4	5351.60	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	117	334	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.52	68.56	74.00	-5.44	30.85	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	42.21	54.00	-11.79	4.50	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5468.24	72.66	74.00	-1.34	34.93	3.52	34.21	0.00	Peak	100	329	HORIZONTAL
4	5470.00	43.93	54.00	-10.07	6.20	3.52	34.21	0.00	Average	100	329	HORIZONTAL
5	5506.73	112.27			74.48	3.54	34.25	0.00	Peak	100	329	HORIZONTAL
6	5507.85	101.07			63.28	3.54	34.25	0.00	Average	100	329	HORIZONTAL

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	5706.57	100.85			62.91	3.60	34.34	0.00	Average	100	336	HORIZONTAL
2	5706.89	112.11			74.17	3.60	34.34	0.00	Peak	100	336	HORIZONTAL
3	5725.00	45.24	54.00	-8.76	7.30	3.60	34.34	0.00	Average	100	336	HORIZONTAL
4	5725.16	72.89	74.00	-1.11	34.95	3.60	34.34	0.00	Peak	100	336	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5271.92	106.24			68.89	3.47	33.88	0.00	Average	107	334	HORIZONTAL
2	5271.92	118.39			81.04	3.47	33.88	0.00	Peak	107	334	HORIZONTAL
3	5350.64	49.81	54.00	-4.19	12.29	3.49	34.03	0.00	Average	107	334	HORIZONTAL
4	5352.89	66.38	74.00	-7.62	28.86	3.49	34.03	0.00	Peak	107	334	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	5312.24	98.86			61.44	3.48	33.94	0.00	Average	107	334	HORIZONTAL
2	5312.24	110.84			73.42	3.48	33.94	0.00	Peak	107	334	HORIZONTAL
3	5350.00	52.61	54.00	-1.39	15.09	3.49	34.03	0.00	Average	107	334	HORIZONTAL
4	5350.32	67.01	74.00	-6.99	29.49	3.49	34.03	0.00	Peak	107	334	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5456.15	62.46	74.00	-11.54	24.75	3.52	34.19	0.00	Peak	100	330	HORIZONTAL
2	5460.00	43.68	54.00	-10.32	5.97	3.52	34.19	0.00	Average	100	330	HORIZONTAL
3	5470.00	52.54	54.00	-1.46	14.81	3.52	34.21	0.00	Average	100	330	HORIZONTAL
4	5470.00	67.68	74.00	-6.32	29.95	3.52	34.21	0.00	Peak	100	330	HORIZONTAL
5	5508.40	97.90			60.11	3.54	34.25	0.00	Average	100	330	HORIZONTAL
6	5511.60	109.81			72.02	3.54	34.25	0.00	Peak	100	330	HORIZONTAL

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	5459.36	63.71	74.00	-10.29	26.00	3.52	34.19	0.00	Peak	100	331	HORIZONTAL
2	5460.00	48.55	54.00	-5.45	10.84	3.52	34.19	0.00	Average	100	331	HORIZONTAL
3	5466.47	68.74	74.00	-5.26	31.03	3.52	34.19	0.00	Peak	100	331	HORIZONTAL
4	5470.00	52.91	54.00	-1.09	15.18	3.52	34.21	0.00	Average	100	331	HORIZONTAL
5	5547.76	105.82			67.98	3.55	34.29	0.00	Average	100	331	HORIZONTAL
6	5548.08	117.79			79.95	3.55	34.29	0.00	Peak	100	331	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	5667.44	117.30			79.38	3.59	34.33	0.00	Peak	100	338	HORIZONTAL
2	5667.76	104.72			66.80	3.59	34.33	0.00	Average	100	338	HORIZONTAL
3	5725.00	51.18	54.00	-2.82	13.24	3.60	34.34	0.00	Average	100	338	HORIZONTAL
4	5731.41	68.09	74.00	-5.91	30.14	3.61	34.34	0.00	Peak	100	338	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT20 Ch52, 60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5254.87	108.08			70.77	3.46	33.85	0.00	Average	120	337	HORIZONTAL
2	5255.51	122.05			84.74	3.46	33.85	0.00	Peak	120	337	HORIZONTAL
3	5350.00	44.06	54.00	-9.94	6.54	3.49	34.03	0.00	Average	120	337	HORIZONTAL
4	5356.41	68.99	74.00	-5.01	31.47	3.49	34.03	0.00	Peak	120	337	HORIZONTAL

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	5296.15	105.32			67.94	3.47	33.91	0.00	Average	106	327	HORIZONTAL
2	5297.76	119.42			82.00	3.48	33.94	0.00	Peak	106	327	HORIZONTAL
3	5350.00	44.79	54.00	-9.21	7.27	3.49	34.03	0.00	Average	106	327	HORIZONTAL
4	5355.45	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	106	327	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	5314.55	100.51			63.06	3.48	33.97	0.00	Average	105	334	HORIZONTAL
2	5315.03	113.83			76.38	3.48	33.97	0.00	Peak	105	334	HORIZONTAL
3	5350.00	43.34	54.00	-10.66	5.82	3.49	34.03	0.00	Average	105	334	HORIZONTAL
4	5350.00	72.76	74.00	-1.24	35.24	3.49	34.03	0.00	Peak	105	334	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5460.00	42.51	54.00	-11.49	4.80	3.52	34.19	0.00	Average	100	332	HORIZONTAL
2	5460.00	67.95	74.00	-6.05	30.24	3.52	34.19	0.00	Peak	100	332	HORIZONTAL
3	5467.76	72.56	74.00	-1.44	34.83	3.52	34.21	0.00	Peak	100	332	HORIZONTAL
4	5470.00	43.84	54.00	-10.16	6.11	3.52	34.21	0.00	Average	100	332	HORIZONTAL
5	5504.81	112.47			74.68	3.54	34.25	0.00	Peak	100	332	HORIZONTAL
6	5506.57	98.87			61.08	3.54	34.25	0.00	Average	100	332	HORIZONTAL

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	5703.37	98.87			60.94	3.59	34.34	0.00	Average	109	336	HORIZONTAL
2	5703.69	112.38			74.45	3.59	34.34	0.00	Peak	109	336	HORIZONTAL
3	5725.00	45.09	54.00	-8.91	7.15	3.60	34.34	0.00	Average	109	336	HORIZONTAL
4	5725.48	72.96	74.00	-1.04	35.02	3.60	34.34	0.00	Peak	109	336	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	102.97			65.66	3.46	33.85	0.00	Average	119	336	HORIZONTAL
2	5261.99	118.00			80.69	3.46	33.85	0.00	Peak	119	336	HORIZONTAL
3	5350.00	48.78	54.00	-5.22	11.26	3.49	34.03	0.00	Average	119	336	HORIZONTAL
4	5356.73	66.59	74.00	-7.41	29.07	3.49	34.03	0.00	Peak	119	336	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	5315.13	111.05			73.60	3.48	33.97	0.00	Peak	105	333	HORIZONTAL
2	5315.77	95.75			58.30	3.48	33.97	0.00	Average	105	333	HORIZONTAL
3	5350.00	52.49	54.00	-1.51	14.97	3.49	34.03	0.00	Average	105	333	HORIZONTAL
4	5350.00	65.70	74.00	-8.30	28.18	3.49	34.03	0.00	Peak	105	333	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5456.80	62.94	74.00	-11.06	25.23	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	44.62	54.00	-9.38	6.91	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5466.47	67.98	74.00	-6.02	30.27	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
4	5470.00	52.60	54.00	-1.40	14.87	3.52	34.21	0.00	Average	100	329	HORIZONTAL
5	5521.54	97.49			59.68	3.54	34.27	0.00	Average	100	329	HORIZONTAL
6	5523.78	111.99			74.18	3.54	34.27	0.00	Peak	100	329	HORIZONTAL

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	5456.80	65.67	74.00	-8.33	27.96	3.52	34.19	0.00	Peak	100	330	HORIZONTAL
2	5460.00	49.35	54.00	-4.65	11.64	3.52	34.19	0.00	Average	100	330	HORIZONTAL
3	5469.68	70.55	74.00	-3.45	32.82	3.52	34.21	0.00	Peak	100	330	HORIZONTAL
4	5470.00	52.48	54.00	-1.52	14.75	3.52	34.21	0.00	Average	100	330	HORIZONTAL
5	5541.35	102.84			65.00	3.55	34.29	0.00	Average	100	330	HORIZONTAL
6	5556.41	117.98			80.12	3.55	34.31	0.00	Peak	100	330	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	5655.26	102.63			64.71	3.59	34.33	0.00	Average	100	338	HORIZONTAL
2	5657.50	117.45			79.53	3.59	34.33	0.00	Peak	100	338	HORIZONTAL
3	5725.00	52.88	54.00	-1.12	14.94	3.60	34.34	0.00	Average	100	338	HORIZONTAL
4	5726.28	70.07	74.00	-3.93	32.13	3.60	34.34	0.00	Peak	100	338	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52, 60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5258.08	118.33			81.02	3.46	33.85	0.00	Peak	100	258	VERTICAL
2	5261.28	107.01			69.70	3.46	33.85	0.00	Average	100	258	VERTICAL
3	5350.00	42.47	54.00	-11.53	4.95	3.49	34.03	0.00	Average	100	258	VERTICAL
4	5351.60	67.42	74.00	-6.58	29.90	3.49	34.03	0.00	Peak	100	258	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	5303.53	108.64			71.22	3.48	33.94	0.00	Average	118	334	HORIZONTAL
2	5303.85	119.72			82.30	3.48	33.94	0.00	Peak	118	334	HORIZONTAL
3	5350.00	44.90	54.00	-9.10	7.38	3.49	34.03	0.00	Average	118	334	HORIZONTAL
4	5357.05	72.99	74.00	-1.01	35.47	3.49	34.03	0.00	Peak	118	334	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	5323.37	101.96			64.50	3.49	33.97	0.00	Average	117	335	HORIZONTAL
2	5324.65	113.14			75.68	3.49	33.97	0.00	Peak	117	335	HORIZONTAL
3	5350.00	43.74	54.00	-10.26	6.22	3.49	34.03	0.00	Average	117	335	HORIZONTAL
4	5351.76	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	117	335	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5458.24	68.67	74.00	-5.33	30.96	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	42.48	54.00	-11.52	4.77	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5470.00	43.99	54.00	-10.01	6.26	3.52	34.21	0.00	Average	100	329	HORIZONTAL
4	5470.00	72.77	74.00	-1.23	35.04	3.52	34.21	0.00	Peak	100	329	HORIZONTAL
5	5507.69	100.08			62.29	3.54	34.25	0.00	Average	100	329	HORIZONTAL
6	5507.69	110.89			73.10	3.54	34.25	0.00	Peak	100	329	HORIZONTAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5702.24	112.74			74.81	3.59	34.34	0.00	Peak	100	336	HORIZONTAL
2	5706.57	101.72			63.78	3.60	34.34	0.00	Average	100	336	HORIZONTAL
3	5725.00	46.17	54.00	-7.83	8.23	3.60	34.34	0.00	Average	100	336	HORIZONTAL
4	5725.80	72.87	74.00	-1.13	34.93	3.60	34.34	0.00	Peak	100	336	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5256.54	106.11			68.80	3.46	33.85	0.00	Average	129	327	HORIZONTAL
2	5274.49	118.40			81.05	3.47	33.88	0.00	Peak	129	327	HORIZONTAL
3	5351.60	64.79	74.00	-9.21	27.27	3.49	34.03	0.00	Peak	129	327	HORIZONTAL
4	5352.56	50.48	54.00	-3.52	12.96	3.49	34.03	0.00	Average	129	327	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	5311.60	110.31			72.89	3.48	33.94	0.00	Peak	106	334	HORIZONTAL
2	5312.24	98.95			61.53	3.48	33.94	0.00	Average	106	334	HORIZONTAL
3	5350.00	53.00	54.00	-1.00	15.48	3.49	34.03	0.00	Average	106	334	HORIZONTAL
4	5350.64	67.47	74.00	-6.53	29.95	3.49	34.03	0.00	Peak	106	334	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5458.72	60.82	74.00	-13.18	23.11	3.52	34.19	0.00	Peak	100	328	HORIZONTAL
2	5460.00	43.64	54.00	-10.36	5.93	3.52	34.19	0.00	Average	100	328	HORIZONTAL
3	5469.36	68.02	74.00	-5.98	30.29	3.52	34.21	0.00	Peak	100	328	HORIZONTAL
4	5470.00	52.69	54.00	-1.31	14.96	3.52	34.21	0.00	Average	100	328	HORIZONTAL
5	5508.40	98.64			60.85	3.54	34.25	0.00	Average	100	328	HORIZONTAL
6	5511.28	110.62			72.83	3.54	34.25	0.00	Peak	100	328	HORIZONTAL

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	5456.80	65.90	74.00	-8.10	28.19	3.52	34.19	0.00	Peak	100	330	HORIZONTAL
2	5460.00	47.72	54.00	-6.28	10.01	3.52	34.19	0.00	Average	100	330	HORIZONTAL
3	5468.40	69.81	74.00	-4.19	32.08	3.52	34.21	0.00	Peak	100	330	HORIZONTAL
4	5470.00	52.17	54.00	-1.83	14.44	3.52	34.21	0.00	Average	100	330	HORIZONTAL
5	5547.76	105.64			67.80	3.55	34.29	0.00	Average	100	330	HORIZONTAL
6	5548.72	118.43			80.59	3.55	34.29	0.00	Peak	100	330	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	5666.47	116.75			78.83	3.59	34.33	0.00	Peak	100	337	HORIZONTAL
2	5667.12	104.97			67.05	3.59	34.33	0.00	Average	100	337	HORIZONTAL
3	5725.00	51.62	54.00	-2.38	13.68	3.60	34.34	0.00	Average	100	337	HORIZONTAL
4	5726.28	67.90	74.00	-6.10	29.96	3.60	34.34	0.00	Peak	100	337	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5312.44	89.49			52.07	3.48	33.94	0.00	Average	107	334	HORIZONTAL
2	5312.44	102.71			65.29	3.48	33.94	0.00	Peak	107	334	HORIZONTAL
3	5350.00	52.70	54.00	-1.30	15.18	3.49	34.03	0.00	Average	107	334	HORIZONTAL
4	5350.80	69.08	74.00	-4.92	31.56	3.49	34.03	0.00	Peak	107	334	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5458.40	57.43	74.00	-16.57	19.72	3.52	34.19	0.00	Peak	102	329	HORIZONTAL
2	5460.00	42.81	54.00	-11.19	5.10	3.52	34.19	0.00	Average	102	329	HORIZONTAL
3	5470.00	52.95	54.00	-1.05	15.22	3.52	34.21	0.00	Average	102	329	HORIZONTAL
4	5470.00	68.50	74.00	-5.50	30.77	3.52	34.21	0.00	Peak	102	329	HORIZONTAL
5	5511.57	85.11			47.32	3.54	34.25	0.00	Average	102	329	HORIZONTAL
6	5526.80	98.06			60.24	3.55	34.27	0.00	Peak	102	329	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52, 60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	48.91	54.00	-5.09	11.81	3.43	33.67	0.00	Average	100	153	HORIZONTAL
2	5150.00	66.64	74.00	-7.36	29.54	3.43	33.67	0.00	Peak	100	153	HORIZONTAL
3	5257.60	107.53			70.22	3.46	33.85	0.00	Average	100	153	HORIZONTAL
4	5257.60	123.02			85.71	3.46	33.85	0.00	Peak	100	153	HORIZONTAL
5	5350.00	49.92	54.00	-4.08	12.40	3.49	34.03	0.00	Average	100	153	HORIZONTAL
6	5350.00	71.31	74.00	-2.69	33.79	3.49	34.03	0.00	Peak	100	153	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	5294.40	118.78			81.40	3.47	33.91	0.00	Peak	100	153	HORIZONTAL
2	5297.60	103.36			65.94	3.48	33.94	0.00	Average	100	153	HORIZONTAL
3	5350.00	45.81	54.00	-8.19	8.29	3.49	34.03	0.00	Average	100	153	HORIZONTAL
4	5352.40	72.72	74.00	-1.28	35.20	3.49	34.03	0.00	Peak	100	153	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	5317.80	98.48			61.03	3.48	33.97	0.00	Average	100	149	HORIZONTAL
2	5322.40	114.07			76.61	3.49	33.97	0.00	Peak	100	149	HORIZONTAL
3	5350.00	44.54	54.00	-9.46	7.02	3.49	34.03	0.00	Average	100	149	HORIZONTAL
4	5350.00	72.78	74.00	-1.22	35.26	3.49	34.03	0.00	Peak	100	149	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5460.00	42.68	54.00	-11.32	4.97	3.52	34.19	0.00	Average	193	146	HORIZONTAL
2	5460.00	69.30	74.00	-4.70	31.59	3.52	34.19	0.00	Peak	193	146	HORIZONTAL
3	5469.40	72.80	74.00	-1.20	35.07	3.52	34.21	0.00	Peak	193	146	HORIZONTAL
4	5470.00	43.77	54.00	-10.23	6.04	3.52	34.21	0.00	Average	193	146	HORIZONTAL
5	5497.80	112.74			74.98	3.53	34.23	0.00	Peak	193	146	HORIZONTAL
6	5502.20	98.17			60.38	3.54	34.25	0.00	Average	193	146	HORIZONTAL

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	5697.60	114.29			76.36	3.59	34.34	0.00	Peak	103	155	HORIZONTAL
2	5702.20	98.28			60.35	3.59	34.34	0.00	Average	103	155	HORIZONTAL
3	5725.00	46.00	54.00	-8.00	8.06	3.60	34.34	0.00	Average	103	155	HORIZONTAL
4	5725.00	72.40	74.00	-1.60	34.46	3.60	34.34	0.00	Peak	103	155	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Ju1. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5262.00	103.94			66.63	3.46	33.85	0.00	Average	206	146	HORIZONTAL
2	5262.40	118.41			81.10	3.46	33.85	0.00	Peak	206	146	HORIZONTAL
3	5350.00	50.05	54.00	-3.95	12.53	3.49	34.03	0.00	Average	206	146	HORIZONTAL
4	5354.40	65.43	74.00	-8.57	27.91	3.49	34.03	0.00	Peak	206	146	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	5306.40	96.51			59.09	3.48	33.94	0.00	Average	100	152	HORIZONTAL
2	5320.80	110.43			72.98	3.48	33.97	0.00	Peak	100	152	HORIZONTAL
3	5350.00	52.88	54.00	-1.12	15.36	3.49	34.03	0.00	Average	100	152	HORIZONTAL
4	5350.00	67.19	74.00	-6.81	29.67	3.49	34.03	0.00	Peak	100	152	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	45.59	54.00	-8.41	7.88	3.52	34.19	0.00	Average	107	155	HORIZONTAL
2	5460.00	57.93	74.00	-16.07	20.22	3.52	34.19	0.00	Peak	107	155	HORIZONTAL
3	5470.00	52.30	54.00	-1.70	14.57	3.52	34.21	0.00	Average	107	155	HORIZONTAL
4	5470.00	64.56	74.00	-9.44	26.83	3.52	34.21	0.00	Peak	107	155	HORIZONTAL
5	5504.80	111.77			73.98	3.54	34.25	0.00	Peak	107	155	HORIZONTAL
6	5506.40	97.98			60.19	3.54	34.25	0.00	Average	107	155	HORIZONTAL

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	50.59	54.00	-3.41	12.88	3.52	34.19	0.00	Average	105	156	HORIZONTAL
2	5460.00	62.92	74.00	-11.08	25.21	3.52	34.19	0.00	Peak	105	156	HORIZONTAL
3	5470.00	52.84	54.00	-1.16	15.11	3.52	34.21	0.00	Average	105	156	HORIZONTAL
4	5470.00	66.04	74.00	-7.96	28.31	3.52	34.21	0.00	Peak	105	156	HORIZONTAL
5	5556.80	118.15			80.29	3.55	34.31	0.00	Peak	105	156	HORIZONTAL
6	5557.60	104.47			66.61	3.55	34.31	0.00	Average	105	156	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	5660.40	116.59			78.67	3.59	34.33	0.00	Peak	196	145	HORIZONTAL
2	5662.00	102.49			64.57	3.59	34.33	0.00	Average	196	145	HORIZONTAL
3	5725.00	52.77	54.00	-1.23	14.83	3.60	34.34	0.00	Average	196	145	HORIZONTAL
4	5729.40	70.52	74.00	-3.48	32.58	3.60	34.34	0.00	Peak	196	145	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5302.82	102.88			65.46	3.48	33.94	0.00	Peak	104	334	HORIZONTAL
2	5314.84	87.34			49.89	3.48	33.97	0.00	Average	104	334	HORIZONTAL
3	5350.00	52.74	54.00	-1.26	15.22	3.49	34.03	0.00	Average	104	334	HORIZONTAL
4	5350.00	64.88	74.00	-9.12	27.36	3.49	34.03	0.00	Peak	104	334	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5458.40	59.63	74.00	-14.37	21.92	3.52	34.19	0.00	Peak	100	327	HORIZONTAL
2	5460.00	45.72	54.00	-8.28	8.01	3.52	34.19	0.00	Average	100	327	HORIZONTAL
3	5470.00	52.74	54.00	-1.26	15.01	3.52	34.21	0.00	Average	100	327	HORIZONTAL
4	5470.00	68.90	74.00	-5.10	31.17	3.52	34.21	0.00	Peak	100	327	HORIZONTAL
5	5521.99	102.70			64.89	3.54	34.27	0.00	Peak	100	327	HORIZONTAL
6	5525.19	86.55			48.74	3.54	34.27	0.00	Average	100	327	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5266.80	124.13			86.79	3.46	33.88	0.00	Peak	141	328	HORIZONTAL
2	5267.20	112.82			75.48	3.46	33.88	0.00	Average	141	328	HORIZONTAL
3	5350.00	47.41	54.00	-6.59	9.89	3.49	34.03	0.00	Average	141	328	HORIZONTAL
4	5358.40	72.76	74.00	-1.24	35.24	3.49	34.03	0.00	Peak	141	328	HORIZONTAL

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	5303.60	107.28			69.86	3.48	33.94	0.00	Average	196	324	HORIZONTAL
2	5304.40	118.46			81.04	3.48	33.94	0.00	Peak	196	324	HORIZONTAL
3	5350.00	45.80	54.00	-8.20	8.28	3.49	34.03	0.00	Average	196	324	HORIZONTAL
4	5351.60	72.53	74.00	-1.47	35.01	3.49	34.03	0.00	Peak	196	324	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	5327.40	101.41			63.95	3.49	33.97	0.00	Average	197	329	HORIZONTAL
2	5328.00	112.52			75.06	3.49	33.97	0.00	Peak	197	329	HORIZONTAL
3	5350.00	44.25	54.00	-9.75	6.73	3.49	34.03	0.00	Average	197	329	HORIZONTAL
4	5354.20	72.56	74.00	-1.44	35.04	3.49	34.03	0.00	Peak	197	329	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.00	68.95	74.00	-5.05	31.24	3.52	34.19	0.00	Peak	194	329	HORIZONTAL
2	5460.00	44.51	54.00	-9.49	6.80	3.52	34.19	0.00	Average	194	329	HORIZONTAL
3	5469.00	72.57	74.00	-1.43	34.84	3.52	34.21	0.00	Peak	194	329	HORIZONTAL
4	5470.00	44.70	54.00	-9.30	6.97	3.52	34.21	0.00	Average	194	329	HORIZONTAL
5	5493.00	110.76			73.00	3.53	34.23	0.00	Peak	194	329	HORIZONTAL
6	5493.40	99.74			61.98	3.53	34.23	0.00	Average	194	329	HORIZONTAL

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	5704.80	99.85			61.91	3.60	34.34	0.00	Average	119	331	HORIZONTAL
2	5705.20	110.98			73.04	3.60	34.34	0.00	Peak	119	331	HORIZONTAL
3	5725.00	45.33	54.00	-8.67	7.39	3.60	34.34	0.00	Average	119	331	HORIZONTAL
4	5725.60	72.61	74.00	-1.39	34.67	3.60	34.34	0.00	Peak	119	331	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5268.00	108.22			70.88	3.46	33.88	0.00	Average	194	324	HORIZONTAL
2	5268.00	120.39			83.05	3.46	33.88	0.00	Peak	194	324	HORIZONTAL
3	5350.00	52.83	54.00	-1.17	15.31	3.49	34.03	0.00	Average	194	324	HORIZONTAL
4	5350.80	66.41	74.00	-7.59	28.89	3.49	34.03	0.00	Peak	194	324	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	5308.00	100.27			62.85	3.48	33.94	0.00	Average	197	327	HORIZONTAL
2	5308.80	111.99			74.57	3.48	33.94	0.00	Peak	197	327	HORIZONTAL
3	5350.00	52.56	54.00	-1.44	15.04	3.49	34.03	0.00	Average	197	327	HORIZONTAL
4	5350.00	65.32	74.00	-8.68	27.80	3.49	34.03	0.00	Peak	197	327	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5456.40	62.31	74.00	-11.69	24.60	3.52	34.19	0.00	Peak	193	328	HORIZONTAL
2	5460.00	45.90	54.00	-8.10	8.19	3.52	34.19	0.00	Average	193	328	HORIZONTAL
3	5469.60	67.47	74.00	-6.53	29.74	3.52	34.21	0.00	Peak	193	328	HORIZONTAL
4	5470.00	52.71	54.00	-1.29	14.98	3.52	34.21	0.00	Average	193	328	HORIZONTAL
5	5507.60	101.31			63.52	3.54	34.25	0.00	Average	193	328	HORIZONTAL
6	5507.60	112.80			75.01	3.54	34.25	0.00	Peak	193	328	HORIZONTAL

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	5458.80	62.43	74.00	-11.57	24.72	3.52	34.19	0.00	Peak	188	329	HORIZONTAL
2	5460.00	48.76	54.00	-5.24	11.05	3.52	34.19	0.00	Average	188	329	HORIZONTAL
3	5467.20	70.98	74.00	-3.02	33.25	3.52	34.21	0.00	Peak	188	329	HORIZONTAL
4	5468.40	52.94	54.00	-1.06	15.21	3.52	34.21	0.00	Average	188	329	HORIZONTAL
5	5546.80	108.43			70.59	3.55	34.29	0.00	Average	188	329	HORIZONTAL
6	5547.60	120.07			82.23	3.55	34.29	0.00	Peak	188	329	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	5684.00	106.86			68.94	3.59	34.33	0.00	Average	118	327	HORIZONTAL
2	5684.00	118.39			80.47	3.59	34.33	0.00	Peak	118	327	HORIZONTAL
3	5725.00	52.59	54.00	-1.41	14.65	3.60	34.34	0.00	Average	118	327	HORIZONTAL
4	5725.00	69.45	74.00	-4.55	31.51	3.60	34.34	0.00	Peak	118	327	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5259.20	123.10			85.79	3.46	33.85	0.00	Peak	198	331	HORIZONTAL
2	5263.60	109.57			72.23	3.46	33.88	0.00	Average	198	331	HORIZONTAL
3	5350.00	46.71	54.00	-7.29	9.19	3.49	34.03	0.00	Average	198	331	HORIZONTAL
4	5352.40	70.34	74.00	-3.66	32.82	3.49	34.03	0.00	Peak	198	331	HORIZONTAL

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	5304.40	117.22			79.80	3.48	33.94	0.00	Peak	198	332	HORIZONTAL
2	5304.80	103.98			66.56	3.48	33.94	0.00	Average	198	332	HORIZONTAL
3	5350.00	44.72	54.00	-9.28	7.20	3.49	34.03	0.00	Average	198	332	HORIZONTAL
4	5354.40	72.78	74.00	-1.22	35.26	3.49	34.03	0.00	Peak	198	332	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	5322.40	97.81			60.35	3.49	33.97	0.00	Average	194	331	HORIZONTAL
2	5325.60	110.92			73.46	3.49	33.97	0.00	Peak	194	331	HORIZONTAL
3	5350.00	43.77	54.00	-10.23	6.25	3.49	34.03	0.00	Average	194	331	HORIZONTAL
4	5354.00	72.56	74.00	-1.44	35.04	3.49	34.03	0.00	Peak	194	331	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5458.20	44.79	54.00	-9.21	7.08	3.52	34.19	0.00	Average	100	335	HORIZONTAL
2	5459.40	69.06	74.00	-4.94	31.35	3.52	34.19	0.00	Peak	100	335	HORIZONTAL
3	5468.40	72.88	74.00	-1.12	35.15	3.52	34.21	0.00	Peak	100	335	HORIZONTAL
4	5470.00	44.90	54.00	-9.10	7.17	3.52	34.21	0.00	Average	100	335	HORIZONTAL
5	5495.00	99.34			61.58	3.53	34.23	0.00	Average	100	335	HORIZONTAL
6	5506.40	113.15			75.36	3.54	34.25	0.00	Peak	100	335	HORIZONTAL

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	5692.00	97.58			59.65	3.59	34.34	0.00	Average	121	339	HORIZONTAL
2	5702.40	111.10			73.17	3.59	34.34	0.00	Peak	121	339	HORIZONTAL
3	5725.00	45.08	54.00	-8.92	7.14	3.60	34.34	0.00	Average	121	339	HORIZONTAL
4	5726.60	72.96	74.00	-1.04	35.02	3.60	34.34	0.00	Peak	121	339	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5264.80	104.43			67.09	3.46	33.88	0.00	Average	108	336	HORIZONTAL
2	5266.80	118.61			81.27	3.46	33.88	0.00	Peak	108	336	HORIZONTAL
3	5350.00	49.58	54.00	-4.42	12.06	3.49	34.03	0.00	Average	108	336	HORIZONTAL
4	5351.60	64.33	74.00	-9.67	26.81	3.49	34.03	0.00	Peak	108	336	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	5306.80	110.89			73.47	3.48	33.94	0.00	Peak	119	338	HORIZONTAL
2	5326.00	97.35			59.89	3.49	33.97	0.00	Average	119	338	HORIZONTAL
3	5350.00	52.85	54.00	-1.15	15.33	3.49	34.03	0.00	Average	119	338	HORIZONTAL
4	5350.00	64.89	74.00	-9.11	27.37	3.49	34.03	0.00	Peak	119	338	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	46.06	54.00	-7.94	8.35	3.52	34.19	0.00	Average	100	331	HORIZONTAL
2	5460.00	58.91	74.00	-15.09	21.20	3.52	34.19	0.00	Peak	100	331	HORIZONTAL
3	5470.00	52.59	54.00	-1.41	14.86	3.52	34.21	0.00	Average	100	331	HORIZONTAL
4	5470.00	67.21	74.00	-6.79	29.48	3.52	34.21	0.00	Peak	100	331	HORIZONTAL
5	5498.80	112.01			74.25	3.53	34.23	0.00	Peak	100	331	HORIZONTAL
6	5513.60	97.81			60.02	3.54	34.25	0.00	Average	100	331	HORIZONTAL

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	5454.00	65.20	74.00	-8.80	27.49	3.52	34.19	0.00	Peak	100	333	HORIZONTAL
2	5460.00	49.93	54.00	-4.07	12.22	3.52	34.19	0.00	Average	100	333	HORIZONTAL
3	5470.00	51.69	54.00	-2.31	13.96	3.52	34.21	0.00	Average	100	333	HORIZONTAL
4	5470.00	65.43	74.00	-8.57	27.70	3.52	34.21	0.00	Peak	100	333	HORIZONTAL
5	5552.40	105.18			67.32	3.55	34.31	0.00	Average	100	333	HORIZONTAL
6	5558.80	120.49			82.63	3.55	34.31	0.00	Peak	100	333	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	5664.40	118.30			80.38	3.59	34.33	0.00	Peak	120	339	HORIZONTAL
2	5678.40	103.31			65.39	3.59	34.33	0.00	Average	120	339	HORIZONTAL
3	5725.00	51.72	54.00	-2.28	13.78	3.60	34.34	0.00	Average	120	339	HORIZONTAL
4	5725.00	67.49	74.00	-6.51	29.55	3.60	34.34	0.00	Peak	120	339	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS16 HT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5254.55	106.65			69.34	3.46	33.85	0.00	Average	197	335	HORIZONTAL
2	5266.09	122.03			84.69	3.46	33.88	0.00	Peak	197	335	HORIZONTAL
3	5350.00	45.41	54.00	-8.59	7.89	3.49	34.03	0.00	Average	197	335	HORIZONTAL
4	5352.56	69.69	74.00	-4.31	32.17	3.49	34.03	0.00	Peak	197	335	HORIZONTAL

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	5297.44	102.69			65.27	3.48	33.94	0.00	Average	118	332	HORIZONTAL
2	5306.41	117.82			80.40	3.48	33.94	0.00	Peak	118	332	HORIZONTAL
3	5350.00	43.39	54.00	-10.61	5.87	3.49	34.03	0.00	Average	118	332	HORIZONTAL
4	5352.56	72.99	74.00	-1.01	35.47	3.49	34.03	0.00	Peak	118	332	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	5318.88	114.16			76.71	3.48	33.97	0.00	Peak	196	332	HORIZONTAL
2	5326.73	98.06			60.60	3.49	33.97	0.00	Average	196	332	HORIZONTAL
3	5350.00	41.66	54.00	-12.34	4.14	3.49	34.03	0.00	Average	196	332	HORIZONTAL
4	5352.72	72.84	74.00	-1.16	35.32	3.49	34.03	0.00	Peak	196	332	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS16 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5458.40	69.51	74.00	-4.49	31.80	3.52	34.19	0.00	Peak	100	325	HORIZONTAL
2	5460.00	42.52	54.00	-11.48	4.81	3.52	34.19	0.00	Average	100	325	HORIZONTAL
3	5469.36	72.74	74.00	-1.26	35.01	3.52	34.21	0.00	Peak	100	325	HORIZONTAL
4	5470.00	43.50	54.00	-10.50	5.77	3.52	34.21	0.00	Average	100	325	HORIZONTAL
5	5505.77	98.65			60.86	3.54	34.25	0.00	Average	100	325	HORIZONTAL
6	5506.41	113.18			75.39	3.54	34.25	0.00	Peak	100	325	HORIZONTAL

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	5704.81	96.95			59.01	3.60	34.34	0.00	Average	118	336	HORIZONTAL
2	5706.41	112.41			74.47	3.60	34.34	0.00	Peak	118	336	HORIZONTAL
3	5725.00	43.55	54.00	-10.45	5.61	3.60	34.34	0.00	Average	118	336	HORIZONTAL
4	5725.96	72.76	74.00	-1.24	34.82	3.60	34.34	0.00	Peak	118	336	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS16 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5274.49	119.23			81.88	3.47	33.88	0.00	Peak	202	330	HORIZONTAL
2	5282.82	101.90			64.52	3.47	33.91	0.00	Average	202	330	HORIZONTAL
3	5350.00	50.24	54.00	-3.76	12.72	3.49	34.03	0.00	Average	202	330	HORIZONTAL
4	5354.49	68.31	74.00	-5.69	30.79	3.49	34.03	0.00	Peak	202	330	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	5295.58	110.37			72.99	3.47	33.91	0.00	Peak	118	334	HORIZONTAL
2	5297.50	94.71			57.29	3.48	33.94	0.00	Average	118	334	HORIZONTAL
3	5350.00	52.24	54.00	-1.76	14.72	3.49	34.03	0.00	Average	118	334	HORIZONTAL
4	5351.60	67.45	74.00	-6.55	29.93	3.49	34.03	0.00	Peak	118	334	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11n MCS16 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5452.95	63.48	74.00	-10.52	25.77	3.52	34.19	0.00	Peak	100	325	HORIZONTAL
2	5460.00	45.33	54.00	-8.67	7.62	3.52	34.19	0.00	Average	100	325	HORIZONTAL
3	5470.00	52.71	54.00	-1.29	14.98	3.52	34.21	0.00	Average	100	325	HORIZONTAL
4	5470.00	68.32	74.00	-5.68	30.59	3.52	34.21	0.00	Peak	100	325	HORIZONTAL
5	5519.62	113.01			75.20	3.54	34.27	0.00	Peak	100	325	HORIZONTAL
6	5521.54	97.10			59.29	3.54	34.27	0.00	Average	100	325	HORIZONTAL

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	5457.12	67.78	74.00	-6.22	30.07	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	50.06	54.00	-3.94	12.35	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5468.72	68.46	74.00	-5.54	30.73	3.52	34.21	0.00	Peak	100	329	HORIZONTAL
4	5470.00	52.90	54.00	-1.10	15.17	3.52	34.21	0.00	Average	100	329	HORIZONTAL
5	5543.27	101.93			64.09	3.55	34.29	0.00	Average	100	329	HORIZONTAL
6	5545.51	117.80			79.96	3.55	34.29	0.00	Peak	100	329	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	5657.50	101.63			63.71	3.59	34.33	0.00	Average	120	336	HORIZONTAL
2	5659.42	118.79			80.87	3.59	34.33	0.00	Peak	120	336	HORIZONTAL
3	5725.00	52.04	54.00	-1.96	14.10	3.60	34.34	0.00	Average	120	336	HORIZONTAL
4	5730.77	68.09	74.00	-5.91	30.14	3.61	34.34	0.00	Peak	120	336	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5252.80	122.69			85.38	3.46	33.85	0.00	Peak	141	329	HORIZONTAL
2	5262.80	111.30			73.96	3.46	33.88	0.00	Average	141	329	HORIZONTAL
3	5352.40	47.49	54.00	-6.51	9.97	3.49	34.03	0.00	Average	141	329	HORIZONTAL
4	5355.60	71.71	74.00	-2.29	34.19	3.49	34.03	0.00	Peak	141	329	HORIZONTAL

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	5306.80	107.17			69.75	3.48	33.94	0.00	Average	127	334	HORIZONTAL
2	5306.80	118.36			80.94	3.48	33.94	0.00	Peak	127	334	HORIZONTAL
3	5350.00	45.28	54.00	-8.72	7.76	3.49	34.03	0.00	Average	127	334	HORIZONTAL
4	5357.60	72.73	74.00	-1.27	35.21	3.49	34.03	0.00	Peak	127	334	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	5327.60	100.80			63.34	3.49	33.97	0.00	Average	141	330	HORIZONTAL
2	5327.60	112.40			74.94	3.49	33.97	0.00	Peak	141	330	HORIZONTAL
3	5350.00	43.90	54.00	-10.10	6.38	3.49	34.03	0.00	Average	141	330	HORIZONTAL
4	5350.20	72.65	74.00	-1.35	35.13	3.49	34.03	0.00	Peak	141	330	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	67.86	74.00	-6.14	30.15	3.52	34.19	0.00	Peak	134	329	HORIZONTAL
2	5460.00	44.19	54.00	-9.81	6.48	3.52	34.19	0.00	Average	134	329	HORIZONTAL
3	5469.20	72.68	74.00	-1.32	34.95	3.52	34.21	0.00	Peak	134	329	HORIZONTAL
4	5470.00	44.53	54.00	-9.47	6.80	3.52	34.21	0.00	Average	134	329	HORIZONTAL
5	5496.20	100.85			63.09	3.53	34.23	0.00	Average	134	329	HORIZONTAL
6	5497.00	112.54			74.78	3.53	34.23	0.00	Peak	134	329	HORIZONTAL

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	5707.00	99.72			61.78	3.60	34.34	0.00	Average	188	327	HORIZONTAL
2	5707.60	110.72			72.78	3.60	34.34	0.00	Peak	188	327	HORIZONTAL
3	5725.00	45.03	54.00	-8.97	7.09	3.60	34.34	0.00	Average	188	327	HORIZONTAL
4	5726.00	72.84	74.00	-1.16	34.90	3.60	34.34	0.00	Peak	188	327	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5266.40	122.40			85.06	3.46	33.88	0.00	Peak	134	150	HORIZONTAL
2	5267.60	110.06			72.72	3.46	33.88	0.00	Average	134	150	HORIZONTAL
3	5350.00	52.42	54.00	-1.58	14.90	3.49	34.03	0.00	Average	134	150	HORIZONTAL
4	5351.60	65.87	74.00	-8.13	28.35	3.49	34.03	0.00	Peak	134	150	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	5306.40	113.95			76.53	3.48	33.94	0.00	Peak	122	146	HORIZONTAL
2	5306.80	101.64			64.22	3.48	33.94	0.00	Average	122	146	HORIZONTAL
3	5350.00	52.83	54.00	-1.17	15.31	3.49	34.03	0.00	Average	122	146	HORIZONTAL
4	5350.00	66.69	74.00	-7.31	29.17	3.49	34.03	0.00	Peak	122	146	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5456.00	65.18	74.00	-8.82	27.47	3.52	34.19	0.00	Peak	195	145	HORIZONTAL
2	5460.00	45.93	54.00	-8.07	8.22	3.52	34.19	0.00	Average	195	145	HORIZONTAL
3	5470.00	52.75	54.00	-1.25	15.02	3.52	34.21	0.00	Average	195	145	HORIZONTAL
4	5470.00	68.07	74.00	-5.93	30.34	3.52	34.21	0.00	Peak	195	145	HORIZONTAL
5	5508.00	101.43			63.64	3.54	34.25	0.00	Average	195	145	HORIZONTAL
6	5508.40	114.08			76.29	3.54	34.25	0.00	Peak	195	145	HORIZONTAL

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	5457.60	68.06	74.00	-5.94	30.35	3.52	34.19	0.00	Peak	102	151	HORIZONTAL
2	5460.00	48.31	54.00	-5.69	10.60	3.52	34.19	0.00	Average	102	151	HORIZONTAL
3	5465.60	68.73	74.00	-5.27	31.02	3.52	34.19	0.00	Peak	102	151	HORIZONTAL
4	5469.20	52.59	54.00	-1.41	14.86	3.52	34.21	0.00	Average	102	151	HORIZONTAL
5	5546.40	111.03			73.19	3.55	34.29	0.00	Average	102	151	HORIZONTAL
6	5547.60	122.74			84.90	3.55	34.29	0.00	Peak	102	151	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	5665.60	107.68			69.76	3.59	34.33	0.00	Average	124	147	HORIZONTAL
2	5665.60	119.91			81.99	3.59	34.33	0.00	Peak	124	147	HORIZONTAL
3	5725.40	52.85	54.00	-1.15	14.91	3.60	34.34	0.00	Average	124	147	HORIZONTAL
4	5731.40	71.21	74.00	-2.79	33.26	3.61	34.34	0.00	Peak	124	147	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5311.00	99.99			62.57	3.48	33.94	0.00	Peak	100	150	HORIZONTAL
2	5312.00	87.64			50.22	3.48	33.94	0.00	Average	100	150	HORIZONTAL
3	5351.00	52.62	54.00	-1.38	15.10	3.49	34.03	0.00	Average	100	150	HORIZONTAL
4	5351.00	68.85	74.00	-5.15	31.33	3.49	34.03	0.00	Peak	100	150	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5459.00	58.41	74.00	-15.59	20.70	3.52	34.19	0.00	Peak	202	152	HORIZONTAL
2	5460.00	42.93	54.00	-11.07	5.22	3.52	34.19	0.00	Average	202	152	HORIZONTAL
3	5469.00	68.29	74.00	-5.71	30.56	3.52	34.21	0.00	Peak	202	152	HORIZONTAL
4	5470.00	52.90	54.00	-1.10	15.17	3.52	34.21	0.00	Average	202	152	HORIZONTAL
5	5508.00	87.57			49.78	3.54	34.25	0.00	Average	202	152	HORIZONTAL
6	5519.00	100.09			62.28	3.54	34.27	0.00	Peak	202	152	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5258.00	109.36			72.05	3.46	33.85	0.00	Average	132	332	HORIZONTAL
2	5258.00	122.25			84.94	3.46	33.85	0.00	Peak	132	332	HORIZONTAL
3	5350.00	45.44	54.00	-8.56	7.92	3.49	34.03	0.00	Average	132	332	HORIZONTAL
4	5352.00	69.11	74.00	-4.89	31.59	3.49	34.03	0.00	Peak	132	332	HORIZONTAL

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	5307.60	104.06			66.64	3.48	33.94	0.00	Average	117	342	HORIZONTAL
2	5307.60	117.54			80.12	3.48	33.94	0.00	Peak	117	342	HORIZONTAL
3	5352.00	72.43	74.00	-1.57	34.91	3.49	34.03	0.00	Peak	117	342	HORIZONTAL
4	5381.20	46.47	54.00	-7.53	8.91	3.50	34.06	0.00	Average	117	342	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	5324.20	113.12			75.66	3.49	33.97	0.00	Peak	105	337	HORIZONTAL
2	5325.00	99.77			62.31	3.49	33.97	0.00	Average	105	337	HORIZONTAL
3	5350.00	43.78	54.00	-10.22	6.26	3.49	34.03	0.00	Average	105	337	HORIZONTAL
4	5350.20	72.58	74.00	-1.42	35.06	3.49	34.03	0.00	Peak	105	337	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.80	68.87	74.00	-5.13	31.16	3.52	34.19	0.00	Peak	193	330	HORIZONTAL
2	5460.00	44.87	54.00	-9.13	7.16	3.52	34.19	0.00	Average	193	330	HORIZONTAL
3	5468.20	72.95	74.00	-1.05	35.22	3.52	34.21	0.00	Peak	193	330	HORIZONTAL
4	5470.00	45.31	54.00	-8.69	7.58	3.52	34.21	0.00	Average	193	330	HORIZONTAL
5	5493.40	100.94			63.18	3.53	34.23	0.00	Average	193	330	HORIZONTAL
6	5498.20	113.66			75.90	3.53	34.23	0.00	Peak	193	330	HORIZONTAL

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	5693.40	98.84			60.91	3.59	34.34	0.00	Average	188	333	HORIZONTAL
2	5693.80	112.78			74.85	3.59	34.34	0.00	Peak	188	333	HORIZONTAL
3	5725.00	45.41	54.00	-8.59	7.47	3.60	34.34	0.00	Average	188	333	HORIZONTAL
4	5726.60	72.85	74.00	-1.15	34.91	3.60	34.34	0.00	Peak	188	333	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5272.40	118.54			81.19	3.47	33.88	0.00	Peak	107	336	HORIZONTAL
2	5273.60	104.44			67.09	3.47	33.88	0.00	Average	107	336	HORIZONTAL
3	5350.00	50.06	54.00	-3.94	12.54	3.49	34.03	0.00	Average	107	336	HORIZONTAL
4	5355.20	65.73	74.00	-8.27	28.21	3.49	34.03	0.00	Peak	107	336	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	5299.20	109.92			72.50	3.48	33.94	0.00	Peak	197	338	HORIZONTAL
2	5322.40	96.32			58.86	3.49	33.97	0.00	Average	197	338	HORIZONTAL
3	5350.00	52.56	54.00	-1.44	15.04	3.49	34.03	0.00	Average	197	338	HORIZONTAL
4	5350.00	65.60	74.00	-8.40	28.08	3.49	34.03	0.00	Peak	197	338	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	46.17	54.00	-7.83	8.46	3.52	34.19	0.00	Average	100	332	HORIZONTAL
2	5460.00	59.27	74.00	-14.73	21.56	3.52	34.19	0.00	Peak	100	332	HORIZONTAL
3	5470.00	52.91	54.00	-1.09	15.18	3.52	34.21	0.00	Average	100	332	HORIZONTAL
4	5470.00	67.54	74.00	-6.46	29.81	3.52	34.21	0.00	Peak	100	332	HORIZONTAL
5	5513.60	98.45			60.66	3.54	34.25	0.00	Average	100	332	HORIZONTAL
6	5515.60	111.90			74.11	3.54	34.25	0.00	Peak	100	332	HORIZONTAL

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	5457.60	65.21	74.00	-8.79	27.50	3.52	34.19	0.00	Peak	100	331	HORIZONTAL
2	5460.00	49.62	54.00	-4.38	11.91	3.52	34.19	0.00	Average	100	331	HORIZONTAL
3	5470.00	52.31	54.00	-1.69	14.58	3.52	34.21	0.00	Average	100	331	HORIZONTAL
4	5470.00	66.89	74.00	-7.11	29.16	3.52	34.21	0.00	Peak	100	331	HORIZONTAL
5	5553.20	105.35			67.49	3.55	34.31	0.00	Average	100	331	HORIZONTAL
6	5553.60	119.53			81.67	3.55	34.31	0.00	Peak	100	331	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	5658.00	117.34			79.42	3.59	34.33	0.00	Peak	100	336	HORIZONTAL
2	5663.20	102.86			64.94	3.59	34.33	0.00	Average	100	336	HORIZONTAL
3	5725.00	52.53	54.00	-1.47	14.59	3.60	34.34	0.00	Average	100	336	HORIZONTAL
4	5725.00	70.38	74.00	-3.62	32.44	3.60	34.34	0.00	Peak	100	336	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5293.00	86.44			49.06	3.47	33.91	0.00	Average	197	340	HORIZONTAL
2	5299.00	103.18			65.76	3.48	33.94	0.00	Peak	197	340	HORIZONTAL
3	5350.00	52.60	54.00	-1.40	15.08	3.49	34.03	0.00	Average	197	340	HORIZONTAL
4	5350.00	65.62	74.00	-8.38	28.10	3.49	34.03	0.00	Peak	197	340	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5460.00	45.98	54.00	-8.02	8.27	3.52	34.19	0.00	Average	100	337	HORIZONTAL
2	5460.00	58.39	74.00	-15.61	20.68	3.52	34.19	0.00	Peak	100	337	HORIZONTAL
3	5470.00	52.86	54.00	-1.14	15.13	3.52	34.21	0.00	Average	100	337	HORIZONTAL
4	5470.00	67.29	74.00	-6.71	29.56	3.52	34.21	0.00	Peak	100	337	HORIZONTAL
5	5525.00	87.03			49.22	3.54	34.27	0.00	Average	100	337	HORIZONTAL
6	5537.00	103.13			65.29	3.55	34.29	0.00	Peak	100	337	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5253.27	108.39			71.08	3.46	33.85	0.00	Average	196	335	HORIZONTAL
2	5263.85	122.60			85.26	3.46	33.88	0.00	Peak	196	335	HORIZONTAL
3	5350.00	45.31	54.00	-8.69	7.79	3.49	34.03	0.00	Average	196	335	HORIZONTAL
4	5352.56	69.67	74.00	-4.33	32.15	3.49	34.03	0.00	Peak	196	335	HORIZONTAL

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	5293.59	103.95			66.57	3.47	33.91	0.00	Average	205	327	HORIZONTAL
2	5293.91	117.29			79.91	3.47	33.91	0.00	Peak	205	327	HORIZONTAL
3	5352.24	43.95	54.00	-10.05	6.43	3.49	34.03	0.00	Average	205	327	HORIZONTAL
4	5352.89	72.95	74.00	-1.05	35.43	3.49	34.03	0.00	Peak	205	327	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	5322.24	99.05			61.60	3.48	33.97	0.00	Average	198	328	HORIZONTAL
2	5323.69	113.23			75.77	3.49	33.97	0.00	Peak	198	328	HORIZONTAL
3	5350.00	42.26	54.00	-11.74	4.74	3.49	34.03	0.00	Average	198	328	HORIZONTAL
4	5353.53	72.73	74.00	-1.27	35.21	3.49	34.03	0.00	Peak	198	328	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5457.60	69.32	74.00	-4.68	31.61	3.52	34.19	0.00	Peak	100	326	HORIZONTAL
2	5460.00	42.51	54.00	-11.49	4.80	3.52	34.19	0.00	Average	100	326	HORIZONTAL
3	5469.04	72.75	74.00	-1.25	35.02	3.52	34.21	0.00	Peak	100	326	HORIZONTAL
4	5470.00	43.52	54.00	-10.48	5.79	3.52	34.21	0.00	Average	100	326	HORIZONTAL
5	5493.43	99.34			61.58	3.53	34.23	0.00	Average	100	326	HORIZONTAL
6	5506.89	113.48			75.69	3.54	34.25	0.00	Peak	100	326	HORIZONTAL

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	5693.43	99.85			61.92	3.59	34.34	0.00	Average	190	326	HORIZONTAL
2	5694.23	112.78			74.85	3.59	34.34	0.00	Peak	190	326	HORIZONTAL
3	5725.00	44.11	54.00	-9.89	6.17	3.60	34.34	0.00	Average	190	326	HORIZONTAL
4	5727.89	72.89	74.00	-1.11	34.95	3.60	34.34	0.00	Peak	190	326	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5262.31	102.07			64.76	3.46	33.85	0.00	Average	194	328	HORIZONTAL
2	5262.95	118.46			81.12	3.46	33.88	0.00	Peak	194	328	HORIZONTAL
3	5350.00	50.06	54.00	-3.94	12.54	3.49	34.03	0.00	Average	194	328	HORIZONTAL
4	5357.69	68.27	74.00	-5.73	30.75	3.49	34.03	0.00	Peak	194	328	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	5307.76	111.16			73.74	3.48	33.94	0.00	Peak	193	327	HORIZONTAL
2	5313.53	96.56			59.14	3.48	33.94	0.00	Average	193	327	HORIZONTAL
3	5350.00	52.76	54.00	-1.24	15.24	3.49	34.03	0.00	Average	193	327	HORIZONTAL
4	5350.00	66.21	74.00	-7.79	28.69	3.49	34.03	0.00	Peak	193	327	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.68	64.94	74.00	-9.06	27.23	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	45.20	54.00	-8.80	7.49	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5467.44	68.66	74.00	-5.34	30.93	3.52	34.21	0.00	Peak	100	329	HORIZONTAL
4	5470.00	52.72	54.00	-1.28	14.99	3.52	34.21	0.00	Average	100	329	HORIZONTAL
5	5513.21	97.14			59.35	3.54	34.25	0.00	Average	100	329	HORIZONTAL
6	5522.50	113.53			75.72	3.54	34.27	0.00	Peak	100	329	HORIZONTAL

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	5459.68	63.32	74.00	-10.68	25.61	3.52	34.19	0.00	Peak	100	338	HORIZONTAL
2	5460.00	48.94	54.00	-5.06	11.23	3.52	34.19	0.00	Average	100	338	HORIZONTAL
3	5470.00	52.88	54.00	-1.12	15.15	3.52	34.21	0.00	Average	100	338	HORIZONTAL
4	5470.00	68.84	74.00	-5.16	31.11	3.52	34.21	0.00	Peak	100	338	HORIZONTAL
5	5553.53	102.53			64.67	3.55	34.31	0.00	Average	100	338	HORIZONTAL
6	5553.85	118.13			80.27	3.55	34.31	0.00	Peak	100	338	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	5656.22	118.66			80.74	3.59	34.33	0.00	Peak	110	331	HORIZONTAL
2	5686.67	102.88			64.96	3.59	34.33	0.00	Average	110	331	HORIZONTAL
3	5725.00	52.52	54.00	-1.48	14.58	3.60	34.34	0.00	Average	110	331	HORIZONTAL
4	5727.56	68.74	74.00	-5.26	30.80	3.60	34.34	0.00	Peak	110	331	HORIZONTAL

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

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Channel 58

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5293.21	103.90			66.52	3.47	33.91	0.00	Peak	131	329	HORIZONTAL
2	5305.22	86.23			48.81	3.48	33.94	0.00	Average	131	329	HORIZONTAL
3	5350.00	52.41	54.00	-1.59	14.89	3.49	34.03	0.00	Average	131	329	HORIZONTAL
4	5350.00	65.08	74.00	-8.92	27.56	3.49	34.03	0.00	Peak	131	329	HORIZONTAL

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

Channel 106

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5458.40	59.82	74.00	-14.18	22.11	3.52	34.19	0.00	Peak	100	331	HORIZONTAL
2	5460.00	46.14	54.00	-7.86	8.43	3.52	34.19	0.00	Average	100	331	HORIZONTAL
3	5470.00	52.81	54.00	-1.19	15.08	3.52	34.21	0.00	Average	100	331	HORIZONTAL
4	5470.00	67.49	74.00	-6.51	29.76	3.52	34.21	0.00	Peak	100	331	HORIZONTAL
5	5506.76	86.03			48.24	3.54	34.25	0.00	Average	100	331	HORIZONTAL
6	5537.21	104.76			66.92	3.55	34.29	0.00	Peak	100	331	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch52, 60, 64 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	41.89	54.00	-12.11	4.79	3.43	33.67	0.00	Average	102	97	VERTICAL
2	5150.00	56.72	74.00	-17.28	19.62	3.43	33.67	0.00	Peak	102	97	VERTICAL
3	5262.89	116.85			79.51	3.46	33.88	0.00	Peak	102	97	VERTICAL
4	5263.85	104.70			67.36	3.46	33.88	0.00	Average	102	97	VERTICAL
5	5354.33	44.69	54.00	-9.31	7.17	3.49	34.03	0.00	Average	102	97	VERTICAL
6	5354.33	67.36	74.00	-6.64	29.84	3.49	34.03	0.00	Peak	102	97	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	5302.24	104.46			67.04	3.48	33.94	0.00	Average	101	97	VERTICAL
2	5303.53	116.87			79.45	3.48	33.94	0.00	Peak	101	97	VERTICAL
3	5350.96	47.83	54.00	-6.17	10.31	3.49	34.03	0.00	Average	101	97	VERTICAL
4	5351.60	72.75	74.00	-1.25	35.23	3.49	34.03	0.00	Peak	101	97	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	5319.20	114.52			77.07	3.48	33.97	0.00	Peak	145	152	HORIZONTAL
2	5325.77	102.45			64.99	3.49	33.97	0.00	Average	145	152	HORIZONTAL
3	5350.16	47.99	54.00	-6.01	10.47	3.49	34.03	0.00	Average	145	152	HORIZONTAL
4	5351.28	72.67	74.00	-1.33	35.15	3.49	34.03	0.00	Peak	145	152	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch100, 140 / 1TX / Chain 1
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.04	69.70	74.00	-4.30	31.99	3.52	34.19	0.00	Peak	141	152	HORIZONTAL
2	5460.00	44.41	54.00	-9.59	6.70	3.52	34.19	0.00	Average	141	152	HORIZONTAL
3	5469.84	72.73	74.00	-1.27	35.00	3.52	34.21	0.00	Peak	141	152	HORIZONTAL
4	5470.00	46.51	54.00	-7.49	8.78	3.52	34.21	0.00	Average	141	152	HORIZONTAL
5	5503.21	114.43			76.64	3.54	34.25	0.00	Peak	141	152	HORIZONTAL
6	5505.13	101.51			63.72	3.54	34.25	0.00	Average	141	152	HORIZONTAL

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	5695.03	111.94			74.01	3.59	34.34	0.00	Peak	145	97	VERTICAL
2	5695.19	99.52			61.59	3.59	34.34	0.00	Average	145	97	VERTICAL
3	5725.00	72.86	74.00	-1.14	34.92	3.60	34.34	0.00	Peak	145	97	VERTICAL
4	5725.16	47.58	54.00	-6.42	9.64	3.60	34.34	0.00	Average	145	97	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch52, 60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5257.76	111.20			73.89	3.46	33.85	0.00	Average	106	332	HORIZONTAL
2	5262.89	122.13			84.79	3.46	33.88	0.00	Peak	106	332	HORIZONTAL
3	5350.00	44.99	54.00	-9.01	7.47	3.49	34.03	0.00	Average	106	332	HORIZONTAL
4	5354.17	72.02	74.00	-1.98	34.50	3.49	34.03	0.00	Peak	106	332	HORIZONTAL

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	5305.45	120.39			82.97	3.48	33.94	0.00	Peak	128	329	HORIZONTAL
2	5306.09	109.38			71.96	3.48	33.94	0.00	Average	128	329	HORIZONTAL
3	5363.14	47.10	54.00	-6.90	9.58	3.49	34.03	0.00	Average	128	329	HORIZONTAL
4	5367.31	72.98	74.00	-1.02	35.43	3.49	34.06	0.00	Peak	128	329	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	5315.51	115.17			77.72	3.48	33.97	0.00	Peak	119	334	HORIZONTAL
2	5315.67	103.94			66.49	3.48	33.97	0.00	Average	119	334	HORIZONTAL
3	5350.00	43.67	54.00	-10.33	6.15	3.49	34.03	0.00	Average	119	334	HORIZONTAL
4	5351.76	72.92	74.00	-1.08	35.40	3.49	34.03	0.00	Peak	119	334	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5459.20	69.39	74.00	-4.61	31.68	3.52	34.19	0.00	Peak	100	329	HORIZONTAL
2	5460.00	42.46	54.00	-11.54	4.75	3.52	34.19	0.00	Average	100	329	HORIZONTAL
3	5468.72	72.91	74.00	-1.09	35.18	3.52	34.21	0.00	Peak	100	329	HORIZONTAL
4	5470.00	44.15	54.00	-9.85	6.42	3.52	34.21	0.00	Average	100	329	HORIZONTAL
5	5504.33	113.25			75.46	3.54	34.25	0.00	Peak	100	329	HORIZONTAL
6	5504.65	102.16			64.37	3.54	34.25	0.00	Average	100	329	HORIZONTAL

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	5694.23	114.39			76.46	3.59	34.34	0.00	Peak	100	335	HORIZONTAL
2	5704.65	102.93			65.00	3.59	34.34	0.00	Average	100	335	HORIZONTAL
3	5725.00	45.47	54.00	-8.53	7.53	3.60	34.34	0.00	Average	100	335	HORIZONTAL
4	5725.64	72.95	74.00	-1.05	35.01	3.60	34.34	0.00	Peak	100	335	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch52, 60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5258.80	114.26			76.95	3.46	33.85	0.00	Average	144	331	HORIZONTAL
2	5258.80	125.14			87.83	3.46	33.85	0.00	Peak	144	331	HORIZONTAL
3	5352.80	46.49	54.00	-7.51	8.97	3.49	34.03	0.00	Average	144	331	HORIZONTAL
4	5352.80	69.83	74.00	-4.17	32.31	3.49	34.03	0.00	Peak	144	331	HORIZONTAL

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	5294.40	110.59			73.21	3.47	33.91	0.00	Average	194	328	HORIZONTAL
2	5304.00	122.54			85.12	3.48	33.94	0.00	Peak	194	328	HORIZONTAL
3	5350.00	47.19	54.00	-6.81	9.67	3.49	34.03	0.00	Average	194	328	HORIZONTAL
4	5357.60	72.86	74.00	-1.14	35.34	3.49	34.03	0.00	Peak	194	328	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	5318.20	101.17			63.72	3.48	33.97	0.00	Average	128	335	HORIZONTAL
2	5318.80	112.95			75.50	3.48	33.97	0.00	Peak	128	335	HORIZONTAL
3	5350.00	44.09	54.00	-9.91	6.57	3.49	34.03	0.00	Average	128	335	HORIZONTAL
4	5350.20	72.57	74.00	-1.43	35.05	3.49	34.03	0.00	Peak	128	335	HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11a Ch100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

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	5460.00	44.48	54.00	-9.52	6.77	3.52	34.19	0.00	Average	122	328	HORIZONTAL
2	5460.00	68.06	74.00	-5.94	30.35	3.52	34.19	0.00	Peak	122	328	HORIZONTAL
3	5466.00	72.78	74.00	-1.22	35.07	3.52	34.19	0.00	Peak	122	328	HORIZONTAL
4	5470.00	44.89	54.00	-9.11	7.16	3.52	34.21	0.00	Average	122	328	HORIZONTAL
5	5502.40	114.17			76.38	3.54	34.25	0.00	Peak	122	328	HORIZONTAL
6	5503.00	102.58			64.79	3.54	34.25	0.00	Average	122	328	HORIZONTAL

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	5694.40	113.26			75.33	3.59	34.34	0.00	Peak	118	335	HORIZONTAL
2	5694.80	101.42			63.49	3.59	34.34	0.00	Average	118	335	HORIZONTAL
3	5725.00	45.38	54.00	-8.62	7.44	3.60	34.34	0.00	Average	118	335	HORIZONTAL
4	5725.60	72.47	74.00	-1.53	34.53	3.60	34.34	0.00	Peak	118	335	HORIZONTAL

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

4.8. Frequency Stability Measurement

4.8.1. Limit

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

4.8.2. Measuring Instruments and Setting

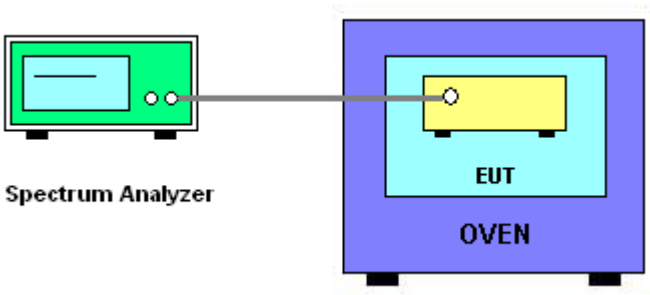
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

4.8.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 10^6 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature rule is 0°C~50°C.

4.8.4. Test Setup Layout



4.8.5. Test Deviation

There is no deviation with the original standard.

4.8.6. EUT Operation during Test

The EUT was programmed to be in continuously un-modulation transmitting mode.

4.8.7. Test Result of Frequency Stability

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)	
(V)	5300	5500
126.50	5300.0282	5500.0324
110.00	5299.9820	5499.9790
93.50	5299.9826	5499.9466
Max. Deviation (MHz)	0.028200	0.053400
Max. Deviation (ppm)	5.32	9.71

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)	
(°C)	5300	5500
0	5299.9472	5499.9514
10	5299.9802	5499.9886
20	5299.9454	5499.9436
30	5299.9466	5499.9430
40	5299.9490	5499.9862
50	5299.9484	5499.9820
Max. Deviation (MHz)	0.054600	0.057000
Max. Deviation (ppm)	10.30	10.36

4.9. Antenna Requirements

4.9.1. 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.

4.9.2. 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
EMI Test Receiver	R&S	ESCS 30	100377	9kHz ~ 2.75GHz	Oct. 23, 2012	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Nov. 26, 2012	Conduction (CO01-CB)
V- LISN	Schwarzbeck	NSLK 8127	8127-478	9kHz ~ 30MHz	Jun. 22, 2012	Conduction (CO01-CB)
Impulsbegrenzer Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz~30MHz	Feb. 21, 2013	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	0.15MHz~30MHz	Dec. 04, 2012	Conduction (CO01-CB)
Software	Audix	E3	5.410e	-	-	Conduction (CO01-CB)
BILOG ANTENNA	Schaffner	CBL6112D	22021	20MHz ~ 2GHz	Apr. 16, 2013	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9 kHz - 30 MHz	Nov. 05, 2012*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz~18GHz	Nov. 27, 2012	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Nov. 23, 2012	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Nov. 27, 2012	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Nov. 23, 2012	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26.5GHz ~ 40GHz	Jul. 31, 2012	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100056	9KHz~40GHz	Nov. 16, 2012	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS 30	100355	9KHz ~ 2.75GHz	Apr. 15, 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	CO2000	N/A	1 m - 4 m	N.C.R	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz - 1 GHz	Nov. 18, 2012	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-1	N/A	1 GHz – 26.5 GHz	Nov. 18, 2012	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-2	N/A	1 GHz – 26.5 GHz	Nov. 18, 2012	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-3	N/A	1 GHz - 40 GHz	Nov. 18, 2012	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-4	N/A	1 GHz - 40 GHz	Nov. 18, 2012	Radiation (03CH01-CB)
Signal analyzer	R&S	FSV40	100979	9kHz~40GHz	Oct. 08, 2012	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 05, 2012	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 05, 2013	Conducted (TH01-CB)
RF Power Divider	Woken	2 Way	0120A02056002D	2GHz ~ 18GHz	Nov. 18, 2012	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Power Divider	Woken	3 Way	MDC2366	2GHz ~ 18GHz	Nov. 18, 2012	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-7	-	1 GHz – 26.5 GHz	Nov. 19, 2012	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-8	-	1 GHz – 26.5 GHz	Nov. 19, 2012	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-9	-	1 GHz – 26.5 GHz	Nov. 19, 2012	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-10	-	1 GHz – 26.5 GHz	Nov. 19, 2012	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-11	-	1 GHz – 26.5 GHz	Nov. 19, 2012	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	0917223	300MHz~40GHz	Nov. 28, 2012	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Nov. 27, 2012	Conducted (TH01-CB)

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

"*" Calibration Interval of instruments listed above is two years.

NCR means Non-Calibration required.

6. TEST LOCATION

SHIJR	ADD	:	6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C.
	TEL	:	886-2-2696-2468
	FAX	:	886-2-2696-2255
HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
	TEL	:	886-3-327-3456
	FAX	:	886-3-318-0055
LINKOU	ADD	:	No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
	TEL	:	886-2-2601-1640
	FAX	:	886-2-2601-1695
DUNGHU	ADD	:	No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.
	TEL	:	886-2-2631-4739
	FAX	:	886-2-2631-9740
JUNGHE	ADD	:	7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.
	TEL	:	886-2-8227-2020
	FAX	:	886-2-8227-2626
NEIHU	ADD	:	4Fl., No. 339, Hsin Hu 2nd Rd., Taipei 114, Taiwan, R.O.C.
	TEL	:	886-2-2794-8886
	FAX	:	886-2-2794-9777
JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
	TEL	:	886-3-656-9065
	FAX	:	886-3-656-9085