

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11398.49	39.38	54.00	-14.62	30.83	5.10	38.70	35.25	Average	100	230 HORIZONTAL
2	11398.81	52.10	74.00	-21.90	43.55	5.10	38.70	35.25	Peak	100	230 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11401.25	50.40	74.00	-23.60	41.85	5.10	38.70	35.25	Peak	100	99 VERTICAL
2	11401.28	37.55	54.00	-16.45	29.00	5.10	38.70	35.25	Average	100	99 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15800.29	38.05	54.00	-15.95	29.95	6.14	37.39	35.43	Average	100	253 HORIZONTAL
2	15802.76	51.22	74.00	-22.78	43.12	6.14	37.39	35.43	Peak	100	253 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15800.67	38.37	54.00	-15.63	30.27	6.14	37.39	35.43	Average	100	106 VERTICAL
2	15802.15	51.11	74.00	-22.89	43.01	6.14	37.39	35.43	Peak	100	106 VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10612.18	37.04	54.00	-16.96	29.07	5.01	38.38	35.42	Average	100	196	HORIZONTAL
2	10618.30	49.93	74.00	-24.07	41.96	5.01	38.38	35.42	Peak	100	196	HORIZONTAL
3	15931.12	50.73	74.00	-23.27	42.77	6.15	37.25	35.44	Peak	100	265	HORIZONTAL
4	15938.81	37.94	54.00	-16.06	29.98	6.15	37.25	35.44	Average	100	265	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10610.35	49.78	74.00	-24.22	41.81	5.01	38.38	35.42	Peak	100	107	VERTICAL
2	10616.41	37.06	54.00	-16.94	29.09	5.01	38.38	35.42	Average	100	107	VERTICAL
3	15922.15	50.60	74.00	-23.40	42.62	6.15	37.27	35.44	Peak	100	184	VERTICAL
4	15928.53	38.01	54.00	-15.99	30.03	6.15	37.27	35.44	Average	100	184	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11012.82	49.77	74.00	-24.23	41.53	5.02	38.33	35.11	Peak	100	188 HORIZONTAL
2	11016.47	37.17	54.00	-16.83	28.93	5.02	38.33	35.11	Average	100	188 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11015.10	50.17	74.00	-23.83	41.94	5.02	38.32	35.11	Peak	100	113 VERTICAL
2	11017.05	37.11	54.00	-16.89	28.88	5.02	38.32	35.11	Average	100	113 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	11096.96	50.77	74.00	-23.23	42.48	5.03	38.40	35.14	Peak	100	233 HORIZONTAL
2	11100.16	37.64	54.00	-16.36	29.35	5.03	38.40	35.14	Average	100	233 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	11101.25	50.16	74.00	-23.84	41.87	5.03	38.40	35.14	Peak	100	308 VERTICAL
2	11104.01	37.50	54.00	-16.50	29.21	5.03	38.40	35.14	Average	100	308 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11338.11	43.47	54.00	-10.53	35.00	5.08	38.63	35.24 Average	100	228	HORIZONTAL
2	11339.78	56.13	74.00	-17.87	47.66	5.08	38.63	35.24 Peak	100	228	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11332.69	38.08	54.00	-15.92	29.60	5.08	38.63	35.23 Average	100	103	VERTICAL
2	11347.85	50.30	74.00	-23.70	41.80	5.09	38.65	35.24 Peak	100	103	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15860.13	51.20	74.00	-22.80	43.17	6.14	37.34	35.45	Peak	100	185	HORIZONTAL
2	15879.42	38.18	54.00	-15.82	30.17	6.15	37.30	35.44	Average	100	185	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15866.03	50.56	74.00	-23.44	42.55	6.14	37.32	35.45	Peak	100	109	VERTICAL
2	15870.54	38.06	54.00	-15.94	30.04	6.14	37.32	35.44	Average	100	109	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11052.24	49.90	74.00	-24.10	41.64	5.02	38.36	35.12 Peak	100	196	HORIZONTAL
2	11062.18	37.00	54.00	-17.00	28.73	5.03	38.37	35.13 Average	100	196	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11050.38	37.00	54.00	-17.00	28.75	5.02	38.35	35.12 Average	100	329	VERTICAL
2	11061.63	49.77	74.00	-24.23	41.50	5.03	38.37	35.13 Peak	100	329	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15775.42	39.19	54.00	-14.81	31.05	6.14	37.42	35.42	Average	100	268 HORIZONTAL
2	15775.76	52.02	74.00	-21.98	43.88	6.14	37.42	35.42	Peak	100	268 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15780.08	51.90	74.00	-22.10	43.77	6.14	37.41	35.42	Peak	100	105 VERTICAL
2	15780.94	39.68	54.00	-14.32	31.55	6.14	37.41	35.42	Average	100	105 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10599.72	37.00	54.00	-17.00	29.03	5.01	38.38	35.42	Average	100	105 HORIZONTAL
2	10601.02	49.66	74.00	-24.34	41.69	5.01	38.38	35.42	Peak	100	105 HORIZONTAL
3	15896.66	39.16	54.00	-14.84	31.16	6.15	37.29	35.44	Average	100	213 HORIZONTAL
4	15903.98	52.65	74.00	-21.35	44.65	6.15	37.29	35.44	Peak	100	213 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10601.46	49.98	74.00	-24.02	42.01	5.01	38.38	35.42	Peak	100	130 VERTICAL
2	10603.10	36.94	54.00	-17.06	28.97	5.01	38.38	35.42	Average	100	130 VERTICAL
3	15896.24	39.32	54.00	-14.68	31.32	6.15	37.29	35.44	Average	100	355 VERTICAL
4	15904.96	53.33	74.00	-20.67	45.33	6.15	37.29	35.44	Peak	100	355 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch64 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.96	49.48	74.00	-24.52	41.49	5.01	38.37	35.39	Peak	100	325	HORIZONTAL
2	10638.32	36.15	54.00	-17.85	28.16	5.01	38.37	35.39	Average	100	325	HORIZONTAL
3	15962.10	53.52	74.00	-20.48	45.58	6.15	37.23	35.44	Peak	100	238	HORIZONTAL
4	15963.32	39.57	54.00	-14.43	31.63	6.15	37.23	35.44	Average	100	238	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10637.06	35.99	54.00	-18.01	28.00	5.01	38.37	35.39	Average	100	179	VERTICAL
2	10638.16	48.85	74.00	-25.15	40.86	5.01	38.37	35.39	Peak	100	179	VERTICAL
3	15960.06	52.26	74.00	-21.74	44.32	6.15	37.23	35.44	Peak	100	116	VERTICAL
4	15962.82	39.42	54.00	-14.58	31.48	6.15	37.23	35.44	Average	100	116	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch100 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11000.08	48.75	74.00	-25.25	40.52	5.01	38.32	35.10	Peak	100	179	HORIZONTAL
2	11000.46	35.89	54.00	-18.11	27.66	5.01	38.32	35.10	Average	100	179	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10996.62	35.75	54.00	-18.25	27.54	5.01	38.30	35.10	Average	100	68	VERTICAL
2	11004.24	48.67	74.00	-25.33	40.46	5.01	38.30	35.10	Peak	100	68	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch116 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11161.08	52.94	74.00	-21.06	44.60	5.04	38.47	35.17	Peak	127	88	HORIZONTAL
2	11161.50	39.72	54.00	-14.28	31.38	5.04	38.47	35.17	Average	127	88	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11156.48	53.69	74.00	-20.31	45.36	5.04	38.45	35.16	Peak	124	119	VERTICAL
2	11159.54	38.82	54.00	-15.18	30.48	5.04	38.47	35.17	Average	124	119	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.58	50.38	74.00	-23.62	41.85	5.10	38.68	35.25	Peak	100	336	HORIZONTAL
2	11402.36	37.79	54.00	-16.21	29.24	5.10	38.70	35.25	Average	100	336	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.16	37.66	54.00	-16.34	29.11	5.10	38.70	35.25	Average	100	17	VERTICAL
2	11399.28	50.42	74.00	-23.58	41.87	5.10	38.70	35.25	Peak	100	17	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15805.58	39.23	54.00	-14.77	31.13	6.14	37.39	35.43	Average	100	43	HORIZONTAL
2	15807.46	53.25	74.00	-20.75	45.15	6.14	37.39	35.43	Peak	100	43	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15805.32	39.17	54.00	-14.83	31.07	6.14	37.39	35.43	Average	100	259	VERTICAL
2	15810.82	52.39	74.00	-21.61	44.31	6.14	37.37	35.43	Peak	100	259	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10622.60	36.38	54.00	-17.62	28.41	5.01	38.38	35.42	Average	100	243 HORIZONTAL
2	10623.02	48.88	74.00	-25.12	40.91	5.01	38.38	35.42	Peak	100	243 HORIZONTAL
3	15926.98	39.28	54.00	-14.72	31.30	6.15	37.27	35.44	Average	100	325 HORIZONTAL
4	15934.38	52.98	74.00	-21.02	45.02	6.15	37.25	35.44	Peak	100	325 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10619.42	36.63	54.00	-17.37	28.66	5.01	38.38	35.42	Average	100	70 VERTICAL
2	10623.46	49.49	74.00	-24.51	41.49	5.01	38.38	35.39	Peak	100	70 VERTICAL
3	15928.52	39.27	54.00	-14.73	31.29	6.15	37.27	35.44	Average	100	176 VERTICAL
4	15934.94	52.26	74.00	-21.74	44.30	6.15	37.25	35.44	Peak	100	176 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	11017.12	49.19	74.00	-24.81	40.95	5.02	38.33	35.11	Peak	100	117 HORIZONTAL
2	11019.64	35.72	54.00	-18.28	27.48	5.02	38.33	35.11	Average	100	117 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	11021.90	49.19	74.00	-24.81	40.96	5.02	38.32	35.11	Peak	100	253 VERTICAL
2	11022.44	35.80	54.00	-18.20	27.56	5.02	38.33	35.11	Average	100	253 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11101.14	37.28	54.00	-16.72	28.99	5.03	38.40	35.14	Average	100	184	HORIZONTAL
2	11102.12	49.82	74.00	-24.18	41.53	5.03	38.40	35.14	Peak	100	184	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11100.42	36.91	54.00	-17.09	28.62	5.03	38.40	35.14	Average	100	336	VERTICAL
2	11102.10	49.96	74.00	-24.04	41.67	5.03	38.40	35.14	Peak	100	336	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11335.54	40.54	54.00	-13.46	32.06	5.08	38.63	35.23	Average	100	99 HORIZONTAL
2	11341.14	55.56	74.00	-18.44	47.08	5.09	38.63	35.24	Peak	100	99 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11338.68	54.14	74.00	-19.86	45.67	5.08	38.63	35.24	Peak	100	98 VERTICAL
2	11338.86	40.43	54.00	-13.57	31.96	5.08	38.63	35.24	Average	100	98 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15874.64	52.29	74.00	-21.71	44.27	6.14	37.32	35.44	Peak	100	168	HORIZONTAL
2	15874.68	39.17	54.00	-14.83	31.15	6.14	37.32	35.44	Average	100	168	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15871.44	52.28	74.00	-21.72	44.26	6.14	37.32	35.44	Peak	100	308	VERTICAL
2	15871.70	39.25	54.00	-14.75	31.23	6.14	37.32	35.44	Average	100	308	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11057.88	49.12	74.00	-24.88	40.86	5.02	38.37	35.13	Peak	100	50	HORIZONTAL
2	11062.46	36.52	54.00	-17.48	28.25	5.03	38.37	35.13	Average	100	50	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11061.00	49.65	74.00	-24.35	41.38	5.03	38.37	35.13	Peak	100	189	VERTICAL
2	11064.74	36.45	54.00	-17.55	28.18	5.03	38.37	35.13	Average	100	189	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	15780.10	54.10	74.00	-19.90	45.97	6.14	37.41	35.42	Peak	100	165 HORIZONTAL
2	15781.24	40.79	54.00	-13.21	32.66	6.14	37.41	35.42	Average	100	165 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	15784.30	43.23	54.00	-10.77	35.10	6.14	37.41	35.42	Average	116	331 VERTICAL
2	15784.64	56.70	74.00	-17.30	48.57	6.14	37.41	35.42	Peak	116	331 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10603.06	37.96	54.00	-16.04	29.99	5.01	38.38	35.42	Average	135	107 HORIZONTAL
2	10604.06	51.02	74.00	-22.98	43.05	5.01	38.38	35.42	Peak	135	107 HORIZONTAL
3	15901.08	38.80	54.00	-15.20	30.80	6.15	37.29	35.44	Average	100	140 HORIZONTAL
4	15904.96	51.86	74.00	-22.14	43.86	6.15	37.29	35.44	Peak	100	140 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10596.32	49.12	74.00	-24.88	41.17	5.01	38.38	35.44	Peak	100	110 VERTICAL
2	10599.60	37.03	54.00	-16.97	29.06	5.01	38.38	35.42	Average	100	110 VERTICAL
3	15895.24	51.31	74.00	-22.69	43.30	6.15	37.30	35.44	Peak	100	279 VERTICAL
4	15903.96	38.52	54.00	-15.48	30.52	6.15	37.29	35.44	Average	100	279 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10638.84	35.50	54.00	-18.50	27.51	5.01	38.37	35.39	Average	100	142 HORIZONTAL
2	10639.60	48.33	74.00	-25.67	40.34	5.01	38.37	35.39	Peak	100	142 HORIZONTAL
3	15959.08	38.60	54.00	-15.40	30.66	6.15	37.23	35.44	Average	100	347 HORIZONTAL
4	15961.66	51.95	74.00	-22.05	44.01	6.15	37.23	35.44	Peak	100	347 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10635.08	35.69	54.00	-18.31	27.70	5.01	38.37	35.39	Average	100	172 VERTICAL
2	10641.58	48.54	74.00	-25.46	40.55	5.01	38.37	35.39	Peak	100	172 VERTICAL
3	15958.30	38.78	54.00	-15.22	30.84	6.15	37.23	35.44	Average	100	263 VERTICAL
4	15959.02	51.86	74.00	-22.14	43.92	6.15	37.23	35.44	Peak	100	263 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10996.80	36.41	54.00	-17.59	28.18	5.01	38.32	35.10	Average	100	170	HORIZONTAL
2	10997.40	49.66	74.00	-24.34	41.43	5.01	38.32	35.10	Peak	100	170	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10997.02	36.37	54.00	-17.63	28.16	5.01	38.30	35.10	Average	100	308	VERTICAL
2	10998.62	49.18	74.00	-24.82	40.97	5.01	38.30	35.10	Peak	100	308	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11161.12	46.64	54.00	-7.36	38.30	5.04	38.47	35.17	Average	124	168	HORIZONTAL
2	11164.30	61.36	74.00	-12.64	53.01	5.05	38.47	35.17	Peak	124	168	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11158.52	56.63	74.00	-17.37	48.29	5.04	38.47	35.17	Peak	117	108	VERTICAL
2	11159.16	43.57	54.00	-10.43	35.23	5.04	38.47	35.17	Average	117	108	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11398.78	51.55	74.00	-22.45	43.00	5.10	38.70	35.25	Peak	100	165	HORIZONTAL
2	11399.10	37.45	54.00	-16.55	28.90	5.10	38.70	35.25	Average	100	165	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11402.72	49.83	74.00	-24.17	41.28	5.10	38.70	35.25	Peak	100	312	VERTICAL
2	11404.34	37.29	54.00	-16.71	28.74	5.10	38.70	35.25	Average	100	312	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15807.18	39.53	54.00	-14.47	31.43	6.14	37.39	35.43	Average	100	216	HORIZONTAL
2	15814.74	52.07	74.00	-21.93	43.99	6.14	37.37	35.43	Peak	100	216	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15809.82	52.19	74.00	-21.81	44.09	6.14	37.39	35.43	Peak	100	140	VERTICAL
2	15809.88	39.44	54.00	-14.56	31.34	6.14	37.39	35.43	Average	100	140	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10619.06	48.90	74.00	-25.10	40.93	5.01	38.38	35.42	Peak	100	173 HORIZONTAL
2	10620.62	35.85	54.00	-18.15	27.88	5.01	38.38	35.42	Average	100	173 HORIZONTAL
3	15925.02	38.54	54.00	-15.46	30.56	6.15	37.27	35.44	Average	100	113 HORIZONTAL
4	15926.58	51.25	74.00	-22.75	43.27	6.15	37.27	35.44	Peak	100	113 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10618.10	35.67	54.00	-18.33	27.70	5.01	38.38	35.42	Average	100	261 VERTICAL
2	10620.10	49.05	74.00	-24.95	41.08	5.01	38.38	35.42	Peak	100	261 VERTICAL
3	15928.94	38.53	54.00	-15.47	30.55	6.15	37.27	35.44	Average	100	74 VERTICAL
4	15933.58	51.23	74.00	-22.77	43.27	6.15	37.25	35.44	Peak	100	74 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11015.78	36.64	54.00	-17.36	28.40	5.02	38.33	35.11	Average	100	192	HORIZONTAL
2	11023.86	50.04	74.00	-23.96	41.79	5.02	38.34	35.11	Peak	100	192	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11023.98	50.15	74.00	-23.85	41.91	5.02	38.33	35.11	Peak	100	152	VERTICAL
2	11024.82	36.61	54.00	-17.39	28.37	5.02	38.33	35.11	Average	100	152	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11098.90	50.98	74.00	-23.02	42.69	5.03	38.40	35.14	Peak	122	173	HORIZONTAL
2	11101.54	38.34	54.00	-15.66	30.05	5.03	38.40	35.14	Average	122	173	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11096.76	37.13	54.00	-16.87	28.84	5.03	38.40	35.14	Average	100	310	VERTICAL
2	11101.40	50.51	74.00	-23.49	42.22	5.03	38.40	35.14	Peak	100	310	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11341.12	57.11	74.00	-16.89	48.63	5.09	38.63	35.24	Peak	123	168	HORIZONTAL
2	11344.20	43.80	54.00	-10.20	35.32	5.09	38.63	35.24	Average	123	168	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11339.78	52.91	74.00	-21.09	44.44	5.08	38.63	35.24	Peak	120	99	VERTICAL
2	11339.82	40.28	54.00	-13.72	31.81	5.08	38.63	35.24	Average	120	99	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15872.76	52.08	74.00	-21.92	44.06	6.14	37.32	35.44	Peak	100	156 HORIZONTAL
2	15872.88	39.00	54.00	-15.00	30.98	6.14	37.32	35.44	Average	100	156 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15866.72	52.11	74.00	-21.89	44.10	6.14	37.32	35.45	Peak	100	23 VERTICAL
2	15872.76	39.14	54.00	-14.86	31.12	6.14	37.32	35.44	Average	100	23 VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11057.84	49.20	74.00	-24.80	40.94	5.02	38.37	35.13	Peak	100	55	HORIZONTAL
2	11066.12	36.75	54.00	-17.25	28.48	5.03	38.37	35.13	Average	100	55	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11063.76	49.11	74.00	-24.89	40.84	5.03	38.37	35.13	Peak	100	162	VERTICAL
2	11067.52	36.71	54.00	-17.29	28.44	5.03	38.37	35.13	Average	100	162	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15776.52	38.98	54.00	-15.02	30.85	6.14	37.41	35.42	Average	100	311	HORIZONTAL
2	15785.16	51.30	74.00	-22.70	43.17	6.14	37.41	35.42	Peak	100	311	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15781.08	53.04	74.00	-20.96	44.91	6.14	37.41	35.42	Peak	100	213	VERTICAL
2	15781.72	39.93	54.00	-14.07	31.80	6.14	37.41	35.42	Average	100	213	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10604.32	50.32	74.00	-23.68	42.35	5.01	38.38	35.42	Peak	100	194 HORIZONTAL
2	10605.24	37.19	54.00	-16.81	29.22	5.01	38.38	35.42	Average	100	194 HORIZONTAL
3	15891.72	52.08	74.00	-21.92	44.07	6.15	37.30	35.44	Peak	100	110 HORIZONTAL
4	15895.28	38.69	54.00	-15.31	30.68	6.15	37.30	35.44	Average	100	110 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10603.96	37.16	54.00	-16.84	29.19	5.01	38.38	35.42	Average	100	268 VERTICAL
2	10607.56	50.70	74.00	-23.30	42.73	5.01	38.38	35.42	Peak	100	268 VERTICAL
3	15891.68	38.80	54.00	-15.20	30.79	6.15	37.30	35.44	Average	100	190 VERTICAL
4	15894.12	51.40	74.00	-22.60	43.39	6.15	37.30	35.44	Peak	100	190 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10631.08	36.47	54.00	-17.53	28.48	5.01	38.37	35.39	Average	100	229 HORIZONTAL
2	10632.52	50.30	74.00	-23.70	42.31	5.01	38.37	35.39	Peak	100	229 HORIZONTAL
3	15951.60	52.21	74.00	-21.79	44.27	6.15	37.23	35.44	Peak	100	291 HORIZONTAL
4	15964.80	39.03	54.00	-14.97	31.10	6.15	37.22	35.44	Average	100	291 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10638.48	49.40	74.00	-24.60	41.41	5.01	38.37	35.39	Peak	100	115 VERTICAL
2	10642.88	36.61	54.00	-17.39	28.62	5.01	38.37	35.39	Average	100	115 VERTICAL
3	15966.92	38.90	54.00	-15.10	30.97	6.15	37.22	35.44	Average	100	209 VERTICAL
4	15968.52	51.81	74.00	-22.19	43.88	6.15	37.22	35.44	Peak	100	209 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	11001.68	35.88	54.00	-18.12	27.65	5.01	38.32	35.10	Average	100	169 HORIZONTAL
2	11007.04	48.49	74.00	-25.51	40.26	5.01	38.33	35.11	Peak	100	169 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10997.32	35.81	54.00	-18.19	27.60	5.01	38.30	35.10	Average	100	266 VERTICAL
2	11009.56	48.38	74.00	-25.62	40.15	5.02	38.32	35.11	Peak	100	266 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11158.68	41.36	54.00	-12.64	33.02	5.04	38.47	35.17	Average	109	289 HORIZONTAL
2	11158.80	55.56	74.00	-18.44	47.22	5.04	38.47	35.17	Peak	109	289 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11159.80	54.50	74.00	-19.50	46.16	5.04	38.47	35.17	Peak	100	290 VERTICAL
2	11162.04	40.23	54.00	-13.77	31.88	5.05	38.47	35.17	Average	100	290 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.12	36.83	54.00	-17.17	28.28	5.10	38.70	35.25	Average	100	133	HORIZONTAL
2	11402.04	49.31	74.00	-24.69	40.76	5.10	38.70	35.25	Peak	100	133	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11404.84	36.54	54.00	-17.46	27.99	5.10	38.70	35.25	Average	100	244	VERTICAL
2	11409.92	49.38	74.00	-24.62	40.83	5.10	38.70	35.25	Peak	100	244	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15810.28	51.77	74.00	-22.23	43.67	6.14	37.39	35.43	Peak	100	184	HORIZONTAL
2	15814.88	38.96	54.00	-15.04	30.88	6.14	37.37	35.43	Average	100	184	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15809.96	40.05	54.00	-13.95	31.95	6.14	37.39	35.43	Average	100	157	VERTICAL
2	15814.40	53.13	74.00	-20.87	45.05	6.14	37.37	35.43	Peak	100	157	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10613.48	36.56	54.00	-17.44	28.59	5.01	38.38	35.42	Average	100	185 HORIZONTAL
2	10614.56	49.47	74.00	-24.53	41.50	5.01	38.38	35.42	Peak	100	185 HORIZONTAL
3	15938.60	38.94	54.00	-15.06	30.98	6.15	37.25	35.44	Average	100	255 HORIZONTAL
4	15939.64	51.49	74.00	-22.51	43.53	6.15	37.25	35.44	Peak	100	255 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10612.56	49.99	74.00	-24.01	42.02	5.01	38.38	35.42	Peak	100	87 VERTICAL
2	10614.92	36.78	54.00	-17.22	28.81	5.01	38.38	35.42	Average	100	87 VERTICAL
3	15920.92	52.59	74.00	-21.41	44.61	6.15	37.27	35.44	Peak	100	165 VERTICAL
4	15939.24	39.10	54.00	-14.90	31.14	6.15	37.25	35.44	Average	100	165 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11016.08	35.97	54.00	-18.03	27.73	5.02	38.33	35.11	Average	100	172	HORIZONTAL
2	11021.84	48.83	74.00	-25.17	40.59	5.02	38.33	35.11	Peak	100	172	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11027.60	48.71	74.00	-25.29	40.47	5.02	38.33	35.11	Peak	100	62	VERTICAL
2	11028.28	35.92	54.00	-18.08	27.68	5.02	38.33	35.11	Average	100	62	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11102.56	37.16	54.00	-16.84	28.87	5.03	38.40	35.14	Average	100	190	HORIZONTAL
2	11105.04	49.84	74.00	-24.16	41.55	5.03	38.40	35.14	Peak	100	190	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11099.80	51.09	74.00	-22.91	42.80	5.03	38.40	35.14	Peak	100	290	VERTICAL
2	11103.08	37.44	54.00	-16.56	29.15	5.03	38.40	35.14	Average	100	290	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11338.64	57.12	74.00	-16.88	48.65	5.08	38.63	35.24	Peak	100	215 HORIZONTAL
2	11343.04	42.17	54.00	-11.83	33.69	5.09	38.63	35.24	Average	100	215 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	11340.04	54.88	74.00	-19.12	46.41	5.08	38.63	35.24	Peak	100	293 VERTICAL
2	11342.44	39.67	54.00	-14.33	31.19	5.09	38.63	35.24	Average	100	293 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15866.12	38.53	54.00	-15.47	30.52	6.14	37.32	35.45	Average	100	109	HORIZONTAL
2	15868.00	51.40	74.00	-22.60	43.39	6.14	37.32	35.45	Peak	100	109	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	15877.12	51.33	74.00	-22.67	43.31	6.14	37.32	35.44	Peak	100	211	VERTICAL
2	15879.68	38.50	54.00	-15.50	30.49	6.15	37.30	35.44	Average	100	211	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11058.96	36.63	54.00	-17.37	28.37	5.02	38.37	35.13	Average	100	292	HORIZONTAL
2	11066.56	49.39	74.00	-24.61	41.12	5.03	38.37	35.13	Peak	100	292	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11064.84	49.75	74.00	-24.25	41.48	5.03	38.37	35.13	Peak	100	197	VERTICAL
2	11067.16	36.63	54.00	-17.37	28.36	5.03	38.37	35.13	Average	100	197	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15784.49	38.68	54.00	-15.32	30.55	6.14	37.41	35.42	Average	100	327 HORIZONTAL
2	15784.94	51.17	74.00	-22.83	43.04	6.14	37.41	35.42	Peak	100	327 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	15775.35	51.45	74.00	-22.55	43.31	6.14	37.42	35.42	Peak	100	239 VERTICAL
2	15781.41	38.61	54.00	-15.39	30.48	6.14	37.41	35.42	Average	100	239 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10602.88	50.81	74.00	-23.19	42.84	5.01	38.38	35.42	Peak	100	332 HORIZONTAL
2	10603.24	37.22	54.00	-16.78	29.25	5.01	38.38	35.42	Average	100	332 HORIZONTAL
3	15895.19	38.20	54.00	-15.80	30.19	6.15	37.30	35.44	Average	100	263 HORIZONTAL
4	15899.84	51.22	74.00	-22.78	43.22	6.15	37.29	35.44	Peak	100	263 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10597.34	50.46	74.00	-23.54	42.51	5.01	38.38	35.44	Peak	100	110 VERTICAL
2	10604.55	37.07	54.00	-16.93	29.10	5.01	38.38	35.42	Average	100	110 VERTICAL
3	15891.38	50.94	74.00	-23.06	42.93	6.15	37.30	35.44	Peak	100	170 VERTICAL
4	15891.73	38.27	54.00	-15.73	30.26	6.15	37.30	35.44	Average	100	170 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10637.66	50.50	74.00	-23.50	42.51	5.01	38.37	35.39	Peak	100	137 HORIZONTAL
2	10638.78	37.02	54.00	-16.98	29.03	5.01	38.37	35.39	Average	100	137 HORIZONTAL
3	15961.47	50.56	74.00	-23.44	42.62	6.15	37.23	35.44	Peak	100	214 HORIZONTAL
4	15968.72	38.29	54.00	-15.71	30.36	6.15	37.22	35.44	Average	100	214 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10641.38	37.03	54.00	-16.97	29.04	5.01	38.37	35.39	Average	100	323 VERTICAL
2	10646.19	49.46	74.00	-24.54	41.47	5.01	38.37	35.39	Peak	100	323 VERTICAL
3	15950.19	51.10	74.00	-22.90	43.16	6.15	37.23	35.44	Peak	100	276 VERTICAL
4	15970.00	38.27	54.00	-15.73	30.34	6.15	37.22	35.44	Average	100	276 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10998.40	37.32	54.00	-16.68	29.09	5.01	38.32	35.10	Average	100	216	HORIZONTAL
2	11000.83	50.51	74.00	-23.49	42.28	5.01	38.32	35.10	Peak	100	216	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	10990.80	37.21	54.00	-16.79	29.00	5.01	38.30	35.10	Average	100	122	VERTICAL
2	10999.78	49.85	74.00	-24.15	41.64	5.01	38.30	35.10	Peak	100	122	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11157.50	41.31	54.00	-12.69	32.98	5.04	38.45	35.16	Average	100	285	HORIZONTAL
2	11159.13	56.14	74.00	-17.86	47.80	5.04	38.47	35.17	Peak	100	285	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11158.33	40.60	54.00	-13.40	32.28	5.04	38.45	35.17	Average	100	287	VERTICAL
2	11159.01	55.82	74.00	-18.18	47.48	5.04	38.47	35.17	Peak	100	287	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11394.29	49.96	74.00	-24.04	41.43	5.10	38.68	35.25	Peak	100	141	HORIZONTAL
2	11406.76	37.65	54.00	-16.35	29.10	5.10	38.70	35.25	Average	100	141	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11393.59	50.51	74.00	-23.49	41.98	5.10	38.68	35.25	Peak	100	221	VERTICAL
2	11396.28	37.57	54.00	-16.43	29.04	5.10	38.68	35.25	Average	100	221	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
1	15805.80	51.04	74.00	-22.96	42.94	6.14	37.39	35.43	Peak	100	311 HORIZONTAL
2	15807.40	37.91	54.00	-16.09	29.81	6.14	37.39	35.43	Average	100	311 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
1	15801.15	38.20	54.00	-15.80	30.10	6.14	37.39	35.43	Average	100	222 VERTICAL
2	15816.86	51.40	74.00	-22.60	43.32	6.14	37.37	35.43	Peak	100	222 VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10610.74	37.16	54.00	-16.84	29.19	5.01	38.38	35.42	Average	100	221 HORIZONTAL
2	10619.52	49.67	74.00	-24.33	41.70	5.01	38.38	35.42	Peak	100	221 HORIZONTAL
3	15926.70	38.01	54.00	-15.99	30.03	6.15	37.27	35.44	Average	100	272 HORIZONTAL
4	15936.51	50.51	74.00	-23.49	42.55	6.15	37.25	35.44	Peak	100	272 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	10612.82	37.02	54.00	-16.98	29.05	5.01	38.38	35.42	Average	100	122 VERTICAL
2	10624.81	49.89	74.00	-24.11	41.89	5.01	38.38	35.39	Peak	100	122 VERTICAL
3	15923.01	38.00	54.00	-16.00	30.02	6.15	37.27	35.44	Average	100	196 VERTICAL
4	15923.59	50.98	74.00	-23.02	43.00	6.15	37.27	35.44	Peak	100	196 VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11011.86	37.25	54.00	-16.75	29.01	5.02	38.33	35.11	Average	100	187	HORIZONTAL
2	11026.35	49.37	74.00	-24.63	41.12	5.02	38.34	35.11	Peak	100	187	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11011.99	49.83	74.00	-24.17	41.60	5.02	38.32	35.11	Peak	100	274	VERTICAL
2	11021.47	37.25	54.00	-16.75	29.02	5.02	38.32	35.11	Average	100	274	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11098.53	38.08	54.00	-15.92	29.79	5.03	38.40	35.14	Average	100	197	HORIZONTAL
2	11098.72	50.46	74.00	-23.54	42.17	5.03	38.40	35.14	Peak	100	197	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11093.30	50.01	74.00	-23.99	41.72	5.03	38.40	35.14	Peak	100	117	VERTICAL
2	11102.60	37.21	54.00	-16.79	28.92	5.03	38.40	35.14	Average	100	117	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11338.72	57.43	74.00	-16.57	48.96	5.08	38.63	35.24	Peak	100	277	HORIZONTAL
2	11339.17	42.32	54.00	-11.68	33.85	5.08	38.63	35.24	Average	100	277	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11338.81	55.83	74.00	-18.17	47.36	5.08	38.63	35.24	Peak	100	283	VERTICAL
2	11339.46	40.63	54.00	-13.37	32.16	5.08	38.63	35.24	Average	100	283	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jul. 05, 2013	Test Mode	Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15865.71	38.10	54.00	-15.90	30.09	6.14	37.32	35.45	Average	100	213 HORIZONTAL
2	15870.74	50.37	74.00	-23.63	42.35	6.14	37.32	35.44	Peak	100	213 HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15876.96	50.96	74.00	-23.04	42.94	6.14	37.32	35.44	Peak	100	131	VERTICAL
2	15877.92	38.19	54.00	-15.81	30.17	6.14	37.32	35.44	Average	100	131	VERTICAL

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

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11050.16	37.27	54.00	-16.73	29.01	5.02	38.36	35.12	Average	100	196	HORIZONTAL
2	11061.86	51.15	74.00	-22.85	42.88	5.03	38.37	35.13	Peak	100	196	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11050.67	37.16	54.00	-16.84	28.91	5.02	38.35	35.12	Average	100	122	VERTICAL
2	11067.12	49.62	74.00	-24.38	41.35	5.03	38.37	35.13	Peak	100	122	VERTICAL

Note:

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

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

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

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.25-5.35 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.470-5.725 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

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

4.7.2. Measuring Instruments and Setting

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

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RBW / VBW (Emission in restricted band)	1 MHz / 3MHz for Peak, 1 MHz / 10Hz for Average
RBW / VBW (Emission in non-restricted band)	1 MHz / 3MHz for Peak

4.7.3. Test Procedures

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

4.7.4. Test Setup Layout

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

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5262.00	106.08			68.77	3.46	33.85	0.00	Average	100	47 VERTICAL
2	5263.60	117.41			80.07	3.46	33.88	0.00	Peak	100	47 VERTICAL
3	5354.00	67.07	74.00	-6.93	29.55	3.49	34.03	0.00	Peak	100	47 VERTICAL
4	5356.40	45.64	54.00	-8.36	8.12	3.49	34.03	0.00	Average	100	47 VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5249.80	71.19	74.00	-2.81	33.88	3.46	33.85	0.00	Peak	100	295 VERTICAL
2	5250.00	50.84	54.00	-3.16	13.53	3.46	33.85	0.00	Average	100	295 VERTICAL
3	5282.40	104.08			66.70	3.47	33.91	0.00	Average	100	295 VERTICAL
4	5283.40	115.66			78.28	3.47	33.91	0.00	Peak	100	295 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 MCS0 HT20 Ch60, 64 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5304.80	106.48			69.06	3.48	33.94	0.00	Average	100	38 VERTICAL
2	5305.60	118.28			80.86	3.48	33.94	0.00	Peak	100	38 VERTICAL
3	5350.00	49.72	54.00	-4.28	12.20	3.49	34.03	0.00	Average	100	38 VERTICAL
4	5350.80	72.48	74.00	-1.52	34.96	3.49	34.03	0.00	Peak	100	38 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5323.00	115.59			78.13	3.49	33.97	0.00	Peak	100	60 VERTICAL
2	5325.80	103.53			66.07	3.49	33.97	0.00	Average	100	60 VERTICAL
3	5350.00	46.31	54.00	-7.69	8.79	3.49	34.03	0.00	Average	100	60 VERTICAL
4	5351.20	72.70	74.00	-1.30	35.18	3.49	34.03	0.00	Peak	100	60 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 MCS0 HT20 Ch 100, 140 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5457.20	68.95	74.00	-5.05	31.22	3.52	34.21	0.00 Peak	100	180	VERTICAL
2	5460.00	44.76	54.00	-9.24	7.03	3.52	34.21	0.00 Average	100	180	VERTICAL
3	5469.80	72.85	74.00	-1.15	35.09	3.52	34.24	0.00 Peak	100	180	VERTICAL
4	5470.00	47.63	54.00	-6.37	9.87	3.52	34.24	0.00 Average	100	180	VERTICAL
5	5493.00	102.25			64.46	3.53	34.26	0.00 Average	100	180	VERTICAL
6	5494.00	113.41			75.62	3.53	34.26	0.00 Peak	100	180	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5696.60	99.57			61.64	3.59	34.34	0.00 Average	137	54	VERTICAL
2	5697.40	110.97			73.04	3.59	34.34	0.00 Peak	137	54	VERTICAL
3	5725.00	46.12	54.00	-7.88	8.18	3.60	34.34	0.00 Average	137	54	VERTICAL
4	5725.00	72.43	74.00	-1.57	34.49	3.60	34.34	0.00 Peak	137	54	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 MCS0 HT40 Ch 54, 62 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5282.40	101.69			64.31	3.47	33.91	0.00	Average	100	44 VERTICAL
2	5282.80	113.95			76.57	3.47	33.91	0.00	Peak	100	44 VERTICAL
3	5350.80	60.79	74.00	-13.21	23.27	3.49	34.03	0.00	Peak	100	44 VERTICAL
4	5356.00	46.08	54.00	-7.92	8.56	3.49	34.03	0.00	Average	100	44 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5317.60	108.69			71.24	3.48	33.97	0.00	Peak	100	65 VERTICAL
2	5318.80	96.76			59.31	3.48	33.97	0.00	Average	100	65 VERTICAL
3	5350.00	52.57	54.00	-1.43	15.05	3.49	34.03	0.00	Average	100	65 VERTICAL
4	5350.00	66.36	74.00	-7.64	28.84	3.49	34.03	0.00	Peak	100	65 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5457.60	63.03	74.00	-10.97	25.30	3.52	34.21	0.00	Peak	100	196 VERTICAL
2	5460.00	46.79	54.00	-7.21	9.06	3.52	34.21	0.00	Average	100	196 VERTICAL
3	5468.80	67.04	68.30	-1.26	29.28	3.52	34.24	0.00	Peak	100	196 VERTICAL
4	5494.80	96.64			58.85	3.53	34.26	0.00	Average	100	196 VERTICAL
5	5496.40	108.84			71.05	3.53	34.26	0.00	Peak	100	196 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5458.00	65.12	74.00	-8.88	27.39	3.52	34.21	0.00	Peak	100	187 VERTICAL
2	5460.00	47.69	54.00	-6.31	9.96	3.52	34.21	0.00	Average	100	187 VERTICAL
3	5466.40	65.56	74.00	-8.44	27.83	3.52	34.21	0.00	Peak	100	187 VERTICAL
4	5470.00	49.99	54.00	-4.01	12.23	3.52	34.24	0.00	Average	100	187 VERTICAL
5	5541.20	114.77			76.91	3.55	34.31	0.00	Peak	100	187 VERTICAL
6	5541.60	102.36			64.50	3.55	34.31	0.00	Average	100	187 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5681.20	115.16			77.24	3.59	34.33	0.00	Peak	139	26 VERTICAL
2	5682.40	102.99			65.07	3.59	34.33	0.00	Average	139	26 VERTICAL
3	5726.60	67.26	68.30	-1.04	29.32	3.60	34.34	0.00	Peak	139	26 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5264.00	105.80			68.46	3.46	33.88	0.00	Average	101	46 VERTICAL
2	5265.20	117.35			80.01	3.46	33.88	0.00	Peak	101	46 VERTICAL
3	5350.00	44.13	54.00	-9.87	6.61	3.49	34.03	0.00	Average	101	46 VERTICAL
4	5355.20	67.29	74.00	-6.71	29.77	3.49	34.03	0.00	Peak	101	46 VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.40	71.42	74.00	-2.58	34.11	3.46	33.85	0.00	Peak	101	295 VERTICAL
2	5250.00	50.97	54.00	-3.03	13.66	3.46	33.85	0.00	Average	101	295 VERTICAL
3	5282.40	104.01			66.63	3.47	33.91	0.00	Average	101	295 VERTICAL
4	5282.80	115.69			78.31	3.47	33.91	0.00	Peak	101	295 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5303.20	118.37			80.95	3.48	33.94	0.00	Peak	100	38 VERTICAL
2	5304.00	106.61			69.19	3.48	33.94	0.00	Average	100	38 VERTICAL
3	5350.00	49.97	54.00	-4.03	12.45	3.49	34.03	0.00	Average	100	38 VERTICAL
4	5352.40	72.60	74.00	-1.40	35.08	3.49	34.03	0.00	Peak	100	38 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5318.80	103.11			65.66	3.48	33.97	0.00	Average	100	63 VERTICAL
2	5321.40	114.57			77.12	3.48	33.97	0.00	Peak	100	63 VERTICAL
3	5350.00	45.86	54.00	-8.14	8.34	3.49	34.03	0.00	Average	100	63 VERTICAL
4	5351.20	72.65	74.00	-1.35	35.13	3.49	34.03	0.00	Peak	100	63 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5459.40	69.37	74.00	-4.63	31.64	3.52	34.21	0.00	Peak	116	226 VERTICAL
2	5460.00	44.62	54.00	-9.38	6.89	3.52	34.21	0.00	Average	116	226 VERTICAL
3	5469.20	72.73	74.00	-1.27	34.97	3.52	34.24	0.00	Peak	116	226 VERTICAL
4	5470.00	47.27	54.00	-6.73	9.51	3.52	34.24	0.00	Average	116	226 VERTICAL
5	5495.20	102.75			64.96	3.53	34.26	0.00	Average	116	226 VERTICAL
6	5497.20	114.07			76.28	3.53	34.26	0.00	Peak	116	226 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5694.40	99.43			61.50	3.59	34.34	0.00	Average	138	55 VERTICAL
2	5696.00	110.78			72.85	3.59	34.34	0.00	Peak	138	55 VERTICAL
3	5725.00	46.35	54.00	-7.65	8.41	3.60	34.34	0.00	Average	138	55 VERTICAL
4	5728.20	72.59	74.00	-1.41	34.65	3.60	34.34	0.00	Peak	138	55 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5282.80	102.06			64.68	3.47	33.91	0.00	Average	100	43 VERTICAL
2	5283.20	114.47			77.09	3.47	33.91	0.00	Peak	100	43 VERTICAL
3	5350.00	46.49	54.00	-7.51	8.97	3.49	34.03	0.00	Average	100	43 VERTICAL
4	5352.40	63.96	74.00	-10.04	26.44	3.49	34.03	0.00	Peak	100	43 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5318.80	96.59			59.14	3.48	33.97	0.00	Average	101	63 VERTICAL
2	5319.60	108.50			71.05	3.48	33.97	0.00	Peak	101	63 VERTICAL
3	5350.00	52.48	54.00	-1.52	14.96	3.49	34.03	0.00	Average	101	63 VERTICAL
4	5350.00	65.53	74.00	-8.47	28.01	3.49	34.03	0.00	Peak	101	63 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5457.60	64.08	74.00	-9.92	26.35	3.52	34.21	0.00 Peak	100	176	VERTICAL
2	5460.00	47.81	54.00	-6.19	10.08	3.52	34.21	0.00 Average	100	176	VERTICAL
3	5470.00	52.44	54.00	-1.56	14.68	3.52	34.24	0.00 Average	100	176	VERTICAL
4	5470.00	67.08	74.00	-6.92	29.32	3.52	34.24	0.00 Peak	100	176	VERTICAL
5	5506.00	97.27			59.45	3.54	34.28	0.00 Average	100	176	VERTICAL
6	5507.20	109.37			71.55	3.54	34.28	0.00 Peak	100	176	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5458.00	47.72	54.00	-6.28	9.99	3.52	34.21	0.00 Average	101	187	VERTICAL
2	5458.80	65.32	74.00	-8.68	27.59	3.52	34.21	0.00 Peak	101	187	VERTICAL
3	5468.80	65.82	74.00	-8.18	28.06	3.52	34.24	0.00 Peak	101	187	VERTICAL
4	5470.00	50.11	54.00	-3.89	12.35	3.52	34.24	0.00 Average	101	187	VERTICAL
5	5541.60	102.41			64.55	3.55	34.31	0.00 Average	101	187	VERTICAL
6	5542.00	114.30			76.44	3.55	34.31	0.00 Peak	101	187	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5679.60	101.67			63.75	3.59	34.33	0.00 Average	151	35	VERTICAL
2	5684.00	114.02			76.10	3.59	34.33	0.00 Peak	151	35	VERTICAL
3	5725.00	52.91	54.00	-1.09	14.97	3.60	34.34	0.00 Average	151	35	VERTICAL
4	5727.00	71.38	74.00	-2.62	33.44	3.60	34.34	0.00 Peak	151	35	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 VHT80 Ch 58, 106 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	39.57	54.00	-14.43	2.47	3.43	33.67	0.00	Average	100	61 VERTICAL
2	5150.00	51.57	74.00	-22.43	14.47	3.43	33.67	0.00	Peak	100	61 VERTICAL
3	5319.00	89.32			51.87	3.48	33.97	0.00	Average	100	61 VERTICAL
4	5320.00	101.60			64.15	3.48	33.97	0.00	Peak	100	61 VERTICAL
5	5350.00	52.79	54.00	-1.21	15.27	3.49	34.03	0.00	Average	100	61 VERTICAL
6	5350.00	67.65	74.00	-6.35	30.13	3.49	34.03	0.00	Peak	100	61 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	46.27	54.00	-7.73	8.54	3.52	34.21	0.00	Average	100	185 VERTICAL
2	5460.00	61.26	74.00	-12.74	23.53	3.52	34.21	0.00	Peak	100	185 VERTICAL
3	5470.00	52.74	54.00	-1.26	14.98	3.52	34.24	0.00	Average	100	185 VERTICAL
4	5470.00	67.61	74.00	-6.39	29.85	3.52	34.24	0.00	Peak	100	185 VERTICAL
5	5539.00	85.34			47.48	3.55	34.31	0.00	Average	100	185 VERTICAL
6	5539.00	97.63			59.77	3.55	34.31	0.00	Peak	100	185 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5267.60	119.47			82.13	3.46	33.88	0.00	Peak	100	243 VERTICAL
2	5268.00	108.31			70.97	3.46	33.88	0.00	Average	100	243 VERTICAL
3	5351.60	70.59	74.00	-3.41	33.07	3.49	34.03	0.00	Peak	100	243 VERTICAL
4	5358.80	46.99	54.00	-7.01	9.47	3.49	34.03	0.00	Average	100	243 VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.60	72.88	74.00	-1.12	35.57	3.46	33.85	0.00	Peak	100	118 VERTICAL
2	5250.00	45.92	54.00	-8.08	8.61	3.46	33.85	0.00	Average	100	118 VERTICAL
3	5287.60	114.72			77.34	3.47	33.91	0.00	Peak	100	118 VERTICAL
4	5288.00	103.43			66.05	3.47	33.91	0.00	Average	100	118 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 MCS0 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5306.40	108.82			71.40	3.48	33.94	0.00	Average	100	213 VERTICAL
2	5306.40	119.92			82.50	3.48	33.94	0.00	Peak	100	213 VERTICAL
3	5350.00	47.52	54.00	-6.48	10.00	3.49	34.03	0.00	Average	100	213 VERTICAL
4	5357.20	72.54	74.00	-1.46	35.02	3.49	34.03	0.00	Peak	100	213 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5326.00	116.04			78.58	3.49	33.97	0.00	Peak	100	59 VERTICAL
2	5326.20	104.72			67.26	3.49	33.97	0.00	Average	100	59 VERTICAL
3	5350.00	44.97	54.00	-9.03	7.45	3.49	34.03	0.00	Average	100	59 VERTICAL
4	5350.80	72.89	74.00	-1.11	35.37	3.49	34.03	0.00	Peak	100	59 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 MCS0 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5458.20	68.79	74.00	-5.21	31.06	3.52	34.21	0.00	Peak	100	144	VERTICAL
2	5460.00	44.58	54.00	-9.42	6.85	3.52	34.21	0.00	Average	100	144	VERTICAL
3	5469.00	72.63	74.00	-1.37	34.87	3.52	34.24	0.00	Peak	100	144	VERTICAL
4	5470.00	46.36	54.00	-7.64	8.60	3.52	34.24	0.00	Average	100	144	VERTICAL
5	5492.00	113.81			76.02	3.53	34.26	0.00	Peak	100	144	VERTICAL
6	5492.40	102.90			65.11	3.53	34.26	0.00	Average	100	144	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5703.00	111.93			74.00	3.59	34.34	0.00	Peak	123	127	VERTICAL
2	5704.80	100.72			62.78	3.60	34.34	0.00	Average	123	127	VERTICAL
3	5725.00	45.67	54.00	-8.33	7.73	3.60	34.34	0.00	Average	123	127	VERTICAL
4	5728.20	72.79	74.00	-1.21	34.85	3.60	34.34	0.00	Peak	123	127	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 MCS0 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5268.40	116.82			79.48	3.46	33.88	0.00	Peak	101	62 VERTICAL
2	5287.60	104.79			67.41	3.47	33.91	0.00	Average	101	62 VERTICAL
3	5350.00	49.60	54.00	-4.40	12.08	3.49	34.03	0.00	Average	101	62 VERTICAL
4	5354.00	67.56	74.00	-6.44	30.04	3.49	34.03	0.00	Peak	101	62 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5306.80	110.00			72.58	3.48	33.94	0.00	Peak	99	59 VERTICAL
2	5307.20	98.21			60.79	3.48	33.94	0.00	Average	99	59 VERTICAL
3	5350.00	52.60	54.00	-1.40	15.08	3.49	34.03	0.00	Average	99	59 VERTICAL
4	5350.00	65.45	74.00	-8.55	27.93	3.49	34.03	0.00	Peak	99	59 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

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	65.07	74.00	-8.93	27.34	3.52	34.21	0.00	Peak	104	180	VERTICAL
2	5460.00	45.04	54.00	-8.96	7.31	3.52	34.21	0.00	Average	104	180	VERTICAL
3	5469.60	66.71	68.30	-1.59	28.95	3.52	34.24	0.00	Peak	104	180	VERTICAL
4	5495.60	111.23			73.44	3.53	34.26	0.00	Peak	104	180	VERTICAL
5	5496.00	99.28			61.49	3.53	34.26	0.00	Average	104	180	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5456.40	48.00	54.00	-6.00	10.27	3.52	34.21	0.00	Average	100	143	VERTICAL
2	5456.40	63.51	74.00	-10.49	25.78	3.52	34.21	0.00	Peak	100	143	VERTICAL
3	5465.20	68.51	74.00	-5.49	30.78	3.52	34.21	0.00	Peak	100	143	VERTICAL
4	5470.00	52.61	54.00	-1.39	14.85	3.52	34.24	0.00	Average	100	143	VERTICAL
5	5533.60	105.28			67.43	3.55	34.30	0.00	Average	100	143	VERTICAL
6	5535.20	116.77			78.92	3.55	34.30	0.00	Peak	100	143	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	5685.60	105.58			67.66	3.59	34.33	0.00	Average	127	192	VERTICAL
2	5686.80	117.30			79.38	3.59	34.33	0.00	Peak	127	192	VERTICAL
3	5728.20	52.97	54.00	-1.03	15.03	3.60	34.34	0.00	Average	127	192	VERTICAL
4	5728.20	72.08	74.00	-1.92	34.14	3.60	34.34	0.00	Peak	127	192	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 MCS8 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	42.24	54.00	-11.76	5.14	3.43	33.67	0.00 Average	100	86	VERTICAL
2	5150.00	58.37	74.00	-15.63	21.27	3.43	33.67	0.00 Peak	100	86	VERTICAL
3	5266.00	106.29			68.95	3.46	33.88	0.00 Average	100	86	VERTICAL
4	5266.60	119.67			82.33	3.46	33.88	0.00 Peak	100	86	VERTICAL
5	5350.60	45.92	54.00	-8.08	8.40	3.49	34.03	0.00 Average	100	86	VERTICAL
6	5350.60	71.47	74.00	-2.53	33.95	3.49	34.03	0.00 Peak	100	86	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5249.60	72.85	74.00	-1.15	35.54	3.46	33.85	0.00 Peak	100	116	VERTICAL
2	5250.00	44.45	54.00	-9.55	7.14	3.46	33.85	0.00 Average	100	116	VERTICAL
3	5285.80	100.27			62.89	3.47	33.91	0.00 Average	100	116	VERTICAL
4	5287.00	113.07			75.69	3.47	33.91	0.00 Peak	100	116	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 MCS8 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.00	119.50			82.08	3.48	33.94	0.00	Peak	100	126 VERTICAL
2	5304.40	105.54			68.12	3.48	33.94	0.00	Average	100	126 VERTICAL
3	5353.60	72.56	74.00	-1.44	35.04	3.49	34.03	0.00	Peak	100	126 VERTICAL
4	5356.80	46.60	54.00	-7.40	9.08	3.49	34.03	0.00	Average	100	126 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5322.00	116.12			78.67	3.48	33.97	0.00	Peak	100	207 VERTICAL
2	5322.60	102.47			65.01	3.49	33.97	0.00	Average	100	207 VERTICAL
3	5350.00	44.74	54.00	-9.26	7.22	3.49	34.03	0.00	Average	100	207 VERTICAL
4	5352.00	72.76	74.00	-1.24	35.24	3.49	34.03	0.00	Peak	100	207 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 MCS8 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	71.07	74.00	-2.93	33.34	3.52	34.21	0.00	Peak	100	173	VERTICAL
2	5460.00	44.99	54.00	-9.01	7.26	3.52	34.21	0.00	Average	100	173	VERTICAL
3	5467.40	72.94	74.00	-1.06	35.18	3.52	34.24	0.00	Peak	100	173	VERTICAL
4	5470.00	46.07	54.00	-7.93	8.31	3.52	34.24	0.00	Average	100	173	VERTICAL
5	5492.60	101.44			63.65	3.53	34.26	0.00	Average	100	173	VERTICAL
6	5495.00	116.02			78.23	3.53	34.26	0.00	Peak	100	173	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	112.44			74.51	3.59	34.34	0.00 Peak	122	160	VERTICAL
2	5697.20	98.13			60.20	3.59	34.34	0.00 Average	122	160	VERTICAL
3	5725.00	44.62	54.00	-9.38	6.68	3.60	34.34	0.00 Average	122	160	VERTICAL
4	5726.60	72.85	74.00	-1.15	34.91	3.60	34.34	0.00 Peak	122	160	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 MCS8 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5278.00	116.73			79.38	3.47	33.88	0.00	Peak	101	42 VERTICAL
2	5282.80	102.45			65.07	3.47	33.91	0.00	Average	101	42 VERTICAL
3	5350.00	47.67	54.00	-6.33	10.15	3.49	34.03	0.00	Average	101	42 VERTICAL
4	5351.20	65.95	74.00	-8.05	28.43	3.49	34.03	0.00	Peak	101	42 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5322.80	96.93			59.47	3.49	33.97	0.00	Average	100	207 VERTICAL
2	5325.20	111.14			73.68	3.49	33.97	0.00	Peak	100	207 VERTICAL
3	5350.00	52.98	54.00	-1.02	15.46	3.49	34.03	0.00	Average	100	207 VERTICAL
4	5350.00	65.28	74.00	-8.72	27.76	3.49	34.03	0.00	Peak	100	207 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5452.40	62.78	74.00	-11.22	25.05	3.52	34.21	0.00	Peak	100	180	VERTICAL
2	5460.00	46.14	54.00	-7.86	8.41	3.52	34.21	0.00	Average	100	180	VERTICAL
3	5469.60	67.17	68.30	-1.13	29.41	3.52	34.24	0.00	Peak	100	180	VERTICAL
4	5497.60	95.79			58.00	3.53	34.26	0.00	Average	100	180	VERTICAL
5	5500.00	110.38			72.59	3.53	34.26	0.00	Peak	100	180	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5458.00	67.81	74.00	-6.19	30.08	3.52	34.21	0.00	Peak	100	143	VERTICAL
2	5460.00	48.98	54.00	-5.02	11.25	3.52	34.21	0.00	Average	100	143	VERTICAL
3	5470.00	52.14	54.00	-1.86	14.38	3.52	34.24	0.00	Average	100	143	VERTICAL
4	5470.00	69.47	74.00	-4.53	31.71	3.52	34.24	0.00	Peak	100	143	VERTICAL
5	5538.00	117.60			79.74	3.55	34.31	0.00	Peak	100	143	VERTICAL
6	5538.80	102.87			65.01	3.55	34.31	0.00	Average	100	143	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5682.00	117.50			79.58	3.59	34.33	0.00	Peak	121	126	VERTICAL
2	5682.40	101.64			63.72	3.59	34.33	0.00	Average	121	126	VERTICAL
3	5725.00	51.88	54.00	-2.12	13.94	3.60	34.34	0.00	Average	121	126	VERTICAL
4	5729.00	72.42	74.00	-1.58	34.48	3.60	34.34	0.00	Peak	121	126	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5266.40	110.05			72.71	3.46	33.88	0.00	Average	100	61 VERTICAL
2	5266.40	121.02			83.68	3.46	33.88	0.00	Peak	100	61 VERTICAL
3	5350.00	45.88	54.00	-8.12	8.36	3.49	34.03	0.00	Average	100	61 VERTICAL
4	5350.00	71.29	74.00	-2.71	33.77	3.49	34.03	0.00	Peak	100	61 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.80	74.00	-1.20	35.49	3.46	33.85	0.00	Peak	100	114 VERTICAL
2	5250.00	43.96	54.00	-10.04	6.65	3.46	33.85	0.00	Average	100	114 VERTICAL
3	5274.40	103.48			66.13	3.47	33.88	0.00	Average	100	114 VERTICAL
4	5275.80	114.62			77.27	3.47	33.88	0.00	Peak	100	114 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5305.60	121.12			83.70	3.48	33.94	0.00	Peak	101	59 VERTICAL
2	5306.80	109.80			72.38	3.48	33.94	0.00	Average	101	59 VERTICAL
3	5350.00	47.96	54.00	-6.04	10.44	3.49	34.03	0.00	Average	101	59 VERTICAL
4	5353.20	72.60	74.00	-1.40	35.08	3.49	34.03	0.00	Peak	101	59 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5323.20	116.55			79.09	3.49	33.97	0.00	Peak	100	208 VERTICAL
2	5323.80	105.00			67.54	3.49	33.97	0.00	Average	100	208 VERTICAL
3	5350.00	44.23	54.00	-9.77	6.71	3.49	34.03	0.00	Average	100	208 VERTICAL
4	5352.20	72.78	74.00	-1.22	35.26	3.49	34.03	0.00	Peak	100	208 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5457.60	65.67	74.00	-8.33	27.94	3.52	34.21	0.00	Peak	100	182 VERTICAL
2	5460.00	43.07	54.00	-10.93	5.34	3.52	34.21	0.00	Average	100	182 VERTICAL
3	5469.20	72.99	74.00	-1.01	35.23	3.52	34.24	0.00	Peak	100	182 VERTICAL
4	5470.00	44.24	54.00	-9.76	6.48	3.52	34.24	0.00	Average	100	182 VERTICAL
5	5492.40	113.50			75.71	3.53	34.26	0.00	Peak	100	182 VERTICAL
6	5494.20	102.10			64.31	3.53	34.26	0.00	Average	100	182 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5703.80	112.13			74.20	3.59	34.34	0.00	Peak	128	145 VERTICAL
2	5704.40	101.05			63.12	3.59	34.34	0.00	Average	128	145 VERTICAL
3	5725.00	45.32	54.00	-8.68	7.38	3.60	34.34	0.00	Average	128	145 VERTICAL
4	5725.80	72.97	74.00	-1.03	35.03	3.60	34.34	0.00	Peak	128	145 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5265.60	118.17			80.83	3.46	33.88	0.00	Peak	100	60 VERTICAL
2	5266.00	105.77			68.43	3.46	33.88	0.00	Average	100	60 VERTICAL
3	5350.00	49.73	54.00	-4.27	12.21	3.49	34.03	0.00	Average	100	60 VERTICAL
4	5355.60	66.19	74.00	-7.81	28.67	3.49	34.03	0.00	Peak	100	60 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5307.20	109.81			72.39	3.48	33.94	0.00	Peak	100	62 VERTICAL
2	5308.00	97.99			60.57	3.48	33.94	0.00	Average	100	62 VERTICAL
3	5350.00	52.38	54.00	-1.62	14.86	3.49	34.03	0.00	Average	100	62 VERTICAL
4	5350.00	65.88	74.00	-8.12	28.36	3.49	34.03	0.00	Peak	100	62 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5459.60	44.75	54.00	-9.25	7.02	3.52	34.21	0.00	Average	100	181 VERTICAL
2	5459.60	63.00	74.00	-11.00	25.27	3.52	34.21	0.00	Peak	100	181 VERTICAL
3	5470.00	52.61	54.00	-1.39	14.85	3.52	34.24	0.00	Average	100	181 VERTICAL
4	5470.00	64.95	74.00	-9.05	27.19	3.52	34.24	0.00	Peak	100	181 VERTICAL
5	5496.00	98.67			60.88	3.53	34.26	0.00	Average	100	181 VERTICAL
6	5496.40	110.00			72.21	3.53	34.26	0.00	Peak	100	181 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5455.60	48.55	54.00	-5.45	10.82	3.52	34.21	0.00	Average	101	182 VERTICAL
2	5458.40	66.95	74.00	-7.05	29.22	3.52	34.21	0.00	Peak	101	182 VERTICAL
3	5470.00	52.12	54.00	-1.88	14.36	3.52	34.24	0.00	Average	101	182 VERTICAL
4	5470.00	64.95	74.00	-9.05	27.19	3.52	34.24	0.00	Peak	101	182 VERTICAL
5	5555.20	105.94			68.08	3.55	34.31	0.00	Average	101	182 VERTICAL
6	5555.60	117.66			79.80	3.55	34.31	0.00	Peak	101	182 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5684.80	104.96			67.04	3.59	34.33	0.00	Average	129	144 VERTICAL
2	5685.20	116.86			78.94	3.59	34.33	0.00	Peak	129	144 VERTICAL
3	5725.00	52.44	54.00	-1.56	14.50	3.60	34.34	0.00	Average	129	144 VERTICAL
4	5737.00	71.88	74.00	-2.12	33.93	3.61	34.34	0.00	Peak	129	144 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 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	39.47	54.00	-14.53	2.37	3.43	33.67	0.00	Average	100	85 VERTICAL
2	5150.00	50.69	74.00	-23.31	13.59	3.43	33.67	0.00	Peak	100	85 VERTICAL
3	5322.00	90.82			53.37	3.48	33.97	0.00	Average	100	85 VERTICAL
4	5324.00	103.05			65.59	3.49	33.97	0.00	Peak	100	85 VERTICAL
5	5350.00	52.98	54.00	-1.02	15.46	3.49	34.03	0.00	Average	100	85 VERTICAL
6	5350.00	66.82	74.00	-7.18	29.30	3.49	34.03	0.00	Peak	100	85 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5456.00	44.50	54.00	-9.50	6.77	3.52	34.21	0.00	Average	100	182 VERTICAL
2	5459.00	59.57	74.00	-14.43	21.84	3.52	34.21	0.00	Peak	100	182 VERTICAL
3	5470.00	66.94	68.30	-1.36	29.18	3.52	34.24	0.00	Peak	100	182 VERTICAL
4	5512.00	87.70			49.88	3.54	34.28	0.00	Average	100	182 VERTICAL
5	5512.00	100.23			62.41	3.54	34.28	0.00	Peak	100	182 VERTICAL

Item 4, 5 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	42.30	54.00	-11.70	5.20	3.43	33.67	0.00	Average	100	88 VERTICAL
2	5150.00	57.65	74.00	-16.35	20.55	3.43	33.67	0.00	Peak	100	88 VERTICAL
3	5266.60	107.73			70.39	3.46	33.88	0.00	Average	100	88 VERTICAL
4	5267.20	119.76			82.42	3.46	33.88	0.00	Peak	100	88 VERTICAL
5	5350.00	46.06	54.00	-7.94	8.54	3.49	34.03	0.00	Average	100	88 VERTICAL
6	5353.00	67.77	74.00	-6.23	30.25	3.49	34.03	0.00	Peak	100	88 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5248.20	72.74	74.00	-1.26	35.43	3.46	33.85	0.00	Peak	100	113 VERTICAL
2	5250.00	47.79	54.00	-6.21	10.48	3.46	33.85	0.00	Average	100	113 VERTICAL
3	5277.60	115.43			78.08	3.47	33.88	0.00	Peak	100	113 VERTICAL
4	5277.80	102.84			65.49	3.47	33.88	0.00	Average	100	113 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.80	118.98			81.56	3.48	33.94	0.00	Peak	100	103 VERTICAL
2	5306.40	106.70			69.28	3.48	33.94	0.00	Average	100	103 VERTICAL
3	5350.00	47.57	54.00	-6.43	10.05	3.49	34.03	0.00	Average	100	103 VERTICAL
4	5350.80	72.81	74.00	-1.19	35.29	3.49	34.03	0.00	Peak	100	103 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5322.00	116.34			78.89	3.48	33.97	0.00	Peak	100	242 VERTICAL
2	5322.40	102.79			65.33	3.49	33.97	0.00	Average	100	242 VERTICAL
3	5350.00	45.37	54.00	-8.63	7.85	3.49	34.03	0.00	Average	100	242 VERTICAL
4	5353.60	72.92	74.00	-1.08	35.40	3.49	34.03	0.00	Peak	100	242 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	69.93	74.00	-4.07	32.20	3.52	34.21	0.00 Peak	100	179	VERTICAL
2	5460.00	44.24	54.00	-9.76	6.51	3.52	34.21	0.00 Average	100	179	VERTICAL
3	5467.80	72.54	74.00	-1.46	34.78	3.52	34.24	0.00 Peak	100	179	VERTICAL
4	5470.00	45.66	54.00	-8.34	7.90	3.52	34.24	0.00 Average	100	179	VERTICAL
5	5496.40	114.31			76.52	3.53	34.26	0.00 Peak	100	179	VERTICAL
6	5502.20	101.04			63.22	3.54	34.28	0.00 Average	100	179	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5697.80	98.88			60.95	3.59	34.34	0.00 Average	120	159	VERTICAL
2	5698.80	111.26			73.33	3.59	34.34	0.00 Peak	120	159	VERTICAL
3	5725.00	44.53	54.00	-9.47	6.59	3.60	34.34	0.00 Average	120	159	VERTICAL
4	5725.60	72.78	74.00	-1.22	34.84	3.60	34.34	0.00 Peak	120	159	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5265.60	116.48			79.14	3.46	33.88	0.00	Peak	100	92 VERTICAL
2	5266.40	102.39			65.05	3.46	33.88	0.00	Average	100	92 VERTICAL
3	5350.00	47.60	54.00	-6.40	10.08	3.49	34.03	0.00	Average	100	92 VERTICAL
4	5350.40	66.36	74.00	-7.64	28.84	3.49	34.03	0.00	Peak	100	92 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5323.60	110.11			72.65	3.49	33.97	0.00	Peak	100	210 VERTICAL
2	5326.40	97.00			59.54	3.49	33.97	0.00	Average	100	210 VERTICAL
3	5350.00	52.44	54.00	-1.56	14.92	3.49	34.03	0.00	Average	100	210 VERTICAL
4	5350.00	66.64	74.00	-7.36	29.12	3.49	34.03	0.00	Peak	100	210 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	45.98	54.00	-8.02	8.25	3.52	34.21	0.00	Average	100	173 VERTICAL
2	5460.00	59.24	74.00	-14.76	21.51	3.52	34.21	0.00	Peak	100	173 VERTICAL
3	5469.60	67.65	74.00	-6.35	29.89	3.52	34.24	0.00	Peak	100	173 VERTICAL
4	5470.00	52.69	54.00	-1.31	14.93	3.52	34.24	0.00	Average	100	173 VERTICAL
5	5498.40	110.18			72.39	3.53	34.26	0.00	Peak	100	173 VERTICAL
6	5502.00	96.58			58.76	3.54	34.28	0.00	Average	100	173 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	49.57	54.00	-4.43	11.84	3.52	34.21	0.00	Average	100	144 VERTICAL
2	5460.00	67.06	74.00	-6.94	29.33	3.52	34.21	0.00	Peak	100	144 VERTICAL
3	5470.00	52.84	54.00	-1.16	15.08	3.52	34.24	0.00	Average	100	144 VERTICAL
4	5470.00	68.29	74.00	-5.71	30.53	3.52	34.24	0.00	Peak	100	144 VERTICAL
5	5538.00	117.13			79.27	3.55	34.31	0.00	Peak	100	144 VERTICAL
6	5546.40	103.24			65.38	3.55	34.31	0.00	Average	100	144 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5682.40	116.74			78.82	3.59	34.33	0.00	Peak	121	184 VERTICAL
2	5686.40	101.92			64.00	3.59	34.33	0.00	Average	121	184 VERTICAL
3	5725.00	51.71	54.00	-2.29	13.77	3.60	34.34	0.00	Average	121	184 VERTICAL
4	5728.20	72.62	74.00	-1.38	34.68	3.60	34.34	0.00	Peak	121	184 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/Nss2 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	39.86	54.00	-14.14	2.76	3.43	33.67	0.00	Average	100	59 VERTICAL
2	5150.00	51.12	74.00	-22.88	14.02	3.43	33.67	0.00	Peak	100	59 VERTICAL
3	5294.00	103.35			65.97	3.47	33.91	0.00	Peak	100	59 VERTICAL
4	5322.00	87.99			50.54	3.48	33.97	0.00	Average	100	59 VERTICAL
5	5350.00	52.94	54.00	-1.06	15.42	3.49	34.03	0.00	Average	100	59 VERTICAL
6	5350.00	65.60	74.00	-8.40	28.08	3.49	34.03	0.00	Peak	100	59 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	47.83	54.00	-6.17	10.10	3.52	34.21	0.00	Average	100	181 VERTICAL
2	5460.00	61.48	74.00	-12.52	23.75	3.52	34.21	0.00	Peak	100	181 VERTICAL
3	5470.00	67.07	68.30	-1.23	29.31	3.52	34.24	0.00	Peak	100	181 VERTICAL
4	5506.00	87.13			49.31	3.54	34.28	0.00	Average	100	181 VERTICAL
5	5514.00	101.81			63.99	3.54	34.28	0.00	Peak	100	181 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5260.96	110.98			73.67	3.46	33.85	0.00	Average	100	272 VERTICAL
2	5260.96	121.81			84.50	3.46	33.85	0.00	Peak	100	272 VERTICAL
3	5350.00	43.84	54.00	-10.16	6.32	3.49	34.03	0.00	Average	100	272 VERTICAL
4	5350.32	69.64	74.00	-4.36	32.12	3.49	34.03	0.00	Peak	100	272 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5247.00	72.97	74.00	-1.03	35.66	3.46	33.85	0.00	Peak	100	115 VERTICAL
2	5250.00	45.76	54.00	-8.24	8.45	3.46	33.85	0.00	Average	100	115 VERTICAL
3	5274.60	105.68			68.33	3.47	33.88	0.00	Average	100	115 VERTICAL
4	5274.60	117.02			79.67	3.47	33.88	0.00	Peak	100	115 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 MCS0 HT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5307.05	111.74			74.32	3.48	33.94	0.00	Average	100	88	VERTICAL
2	5307.05	123.16			85.74	3.48	33.94	0.00	Peak	100	88	VERTICAL
3	5350.00	49.08	54.00	-4.92	11.56	3.49	34.03	0.00	Average	100	88	VERTICAL
4	5355.77	72.89	74.00	-1.11	35.37	3.49	34.03	0.00	Peak	100	88	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5311.83	103.41			65.99	3.48	33.94	0.00	Average	100	249	VERTICAL
2	5315.35	115.51			78.06	3.48	33.97	0.00	Peak	100	249	VERTICAL
3	5350.00	43.51	54.00	-10.49	5.99	3.49	34.03	0.00	Average	100	249	VERTICAL
4	5354.65	72.53	74.00	-1.47	35.01	3.49	34.03	0.00	Peak	100	249	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 MCS0 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5459.52	69.96	74.00	-4.04	32.23	3.52	34.21	0.00	Peak	100	134 VERTICAL
2	5460.00	42.39	54.00	-11.61	4.66	3.52	34.21	0.00	Average	100	134 VERTICAL
3	5469.36	72.68	74.00	-1.32	34.92	3.52	34.24	0.00	Peak	100	134 VERTICAL
4	5470.00	43.47	54.00	-10.53	5.71	3.52	34.24	0.00	Average	100	134 VERTICAL
5	5499.20	101.55			63.76	3.53	34.26	0.00	Average	100	134 VERTICAL
6	5499.20	113.04			75.25	3.53	34.26	0.00	Peak	100	134 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5706.41	98.87			60.93	3.60	34.34	0.00	Average	121	180 VERTICAL
2	5707.05	109.96			72.02	3.60	34.34	0.00	Peak	121	180 VERTICAL
3	5725.00	42.83	54.00	-11.17	4.89	3.60	34.34	0.00	Average	121	180 VERTICAL
4	5725.64	72.56	74.00	-1.44	34.62	3.60	34.34	0.00	Peak	121	180 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 MCS0 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5265.51	106.34			69.00	3.46	33.88	0.00	Average	100	262	VERTICAL
2	5265.83	117.87			80.53	3.46	33.88	0.00	Peak	100	262	VERTICAL
3	5350.00	50.34	54.00	-3.66	12.82	3.49	34.03	0.00	Average	100	262	VERTICAL
4	5350.00	62.06	74.00	-11.94	24.54	3.49	34.03	0.00	Peak	100	262	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5308.08	100.66			63.24	3.48	33.94	0.00	Average	100	230	VERTICAL
2	5308.08	112.30			74.88	3.48	33.94	0.00	Peak	100	230	VERTICAL
3	5350.00	52.71	54.00	-1.29	15.19	3.49	34.03	0.00	Average	100	230	VERTICAL
4	5350.00	64.26	74.00	-9.74	26.74	3.49	34.03	0.00	Peak	100	230	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	43.10	54.00	-10.90	5.37	3.52	34.21	0.00	Average	100	168 VERTICAL
2	5460.00	55.25	74.00	-18.75	17.52	3.52	34.21	0.00	Peak	100	168 VERTICAL
3	5470.00	52.59	54.00	-1.41	14.83	3.52	34.24	0.00	Average	100	168 VERTICAL
4	5470.00	67.78	74.00	-6.22	30.02	3.52	34.24	0.00	Peak	100	168 VERTICAL
5	5508.40	99.98			62.16	3.54	34.28	0.00	Average	100	168 VERTICAL
6	5508.72	111.95			74.13	3.54	34.28	0.00	Peak	100	168 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5450.00	46.84	54.00	-7.16	9.14	3.52	34.18	0.00	Average	100	180 VERTICAL
2	5457.76	61.53	74.00	-12.47	23.80	3.52	34.21	0.00	Peak	100	180 VERTICAL
3	5469.36	52.38	54.00	-1.62	14.62	3.52	34.24	0.00	Average	100	180 VERTICAL
4	5470.00	65.60	74.00	-8.40	27.84	3.52	34.24	0.00	Peak	100	180 VERTICAL
5	5547.44	118.34			80.48	3.55	34.31	0.00	Peak	100	180 VERTICAL
6	5547.76	106.55			68.69	3.55	34.31	0.00	Average	100	180 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5672.24	117.99			80.07	3.59	34.33	0.00	Peak	124	145 VERTICAL
2	5673.21	106.07			68.15	3.59	34.33	0.00	Average	124	145 VERTICAL
3	5730.77	67.05	74.00	-6.95	29.10	3.61	34.34	0.00	Peak	124	145 VERTICAL
4	5731.73	52.63	54.00	-1.37	14.68	3.61	34.34	0.00	Average	124	145 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 MCS8 HT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5267.37	107.54			70.20	3.46	33.88	0.00	Average	100	244 VERTICAL
2	5267.37	120.64			83.30	3.46	33.88	0.00	Peak	100	244 VERTICAL
3	5350.00	45.17	54.00	-8.83	7.65	3.49	34.03	0.00	Average	100	244 VERTICAL
4	5352.24	70.93	74.00	-3.07	33.41	3.49	34.03	0.00	Peak	100	244 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.40	72.71	74.00	-1.29	35.40	3.46	33.85	0.00	Peak	100	91 VERTICAL
2	5250.00	44.27	54.00	-9.73	6.96	3.46	33.85	0.00	Average	100	91 VERTICAL
3	5273.80	101.66			64.31	3.47	33.88	0.00	Average	100	91 VERTICAL
4	5275.60	114.84			77.49	3.47	33.88	0.00	Peak	100	91 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 MCS8 HT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5292.63	121.67			84.29	3.47	33.91	0.00	Peak	100	261	VERTICAL
2	5293.27	108.52			71.14	3.47	33.91	0.00	Average	100	261	VERTICAL
3	5350.00	48.73	54.00	-5.27	11.21	3.49	34.03	0.00	Average	100	261	VERTICAL
4	5351.28	72.87	74.00	-1.13	35.35	3.49	34.03	0.00	Peak	100	261	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5321.28	101.25			63.80	3.48	33.97	0.00	Average	100	246	VERTICAL
2	5327.53	114.64			77.18	3.49	33.97	0.00	Peak	100	246	VERTICAL
3	5350.00	43.02	54.00	-10.98	5.50	3.49	34.03	0.00	Average	100	246	VERTICAL
4	5350.64	72.98	74.00	-1.02	35.46	3.49	34.03	0.00	Peak	100	246	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 MCS8 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5458.08	69.70	74.00	-4.30	31.97	3.52	34.21	0.00	Peak	100	195	VERTICAL
2	5460.00	42.53	54.00	-11.47	4.80	3.52	34.21	0.00	Average	100	195	VERTICAL
3	5469.04	72.59	74.00	-1.41	34.83	3.52	34.24	0.00	Peak	100	195	VERTICAL
4	5470.00	42.71	54.00	-11.29	4.95	3.52	34.24	0.00	Average	100	195	VERTICAL
5	5495.03	114.87			77.08	3.53	34.26	0.00	Peak	100	195	VERTICAL
6	5497.76	100.39			62.60	3.53	34.26	0.00	Average	100	195	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5692.47	97.29			59.36	3.59	34.34	0.00	Average	116	157	VERTICAL
2	5693.91	111.42			73.49	3.59	34.34	0.00	Peak	116	157	VERTICAL
3	5725.00	43.07	54.00	-10.93	5.13	3.60	34.34	0.00	Average	116	157	VERTICAL
4	5725.48	72.87	74.00	-1.13	34.93	3.60	34.34	0.00	Peak	116	157	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 MCS8 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5266.47	103.63			66.29	3.46	33.88	0.00	Average	100	242 VERTICAL
2	5272.89	118.03			80.68	3.47	33.88	0.00	Peak	100	242 VERTICAL
3	5350.00	48.99	54.00	-5.01	11.47	3.49	34.03	0.00	Average	100	242 VERTICAL
4	5356.73	67.62	74.00	-6.38	30.10	3.49	34.03	0.00	Peak	100	242 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5315.77	97.09			59.64	3.48	33.97	0.00	Average	100	246 VERTICAL
2	5322.50	111.77			74.31	3.49	33.97	0.00	Peak	100	246 VERTICAL
3	5350.00	52.56	54.00	-1.44	15.04	3.49	34.03	0.00	Average	100	246 VERTICAL
4	5350.96	65.63	74.00	-8.37	28.11	3.49	34.03	0.00	Peak	100	246 VERTICAL

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

Temperature	25.6°C	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 1 (Ant.1 Dipole antenna / 8dBi)

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	64.06	74.00	-9.94	26.33	3.52	34.21	0.00	Peak	101	143	VERTICAL
2	5460.00	44.99	54.00	-9.01	7.26	3.52	34.21	0.00	Average	101	143	VERTICAL
3	5469.68	68.72	74.00	-5.28	30.96	3.52	34.24	0.00	Peak	101	143	VERTICAL
4	5470.00	52.47	54.00	-1.53	14.71	3.52	34.24	0.00	Average	101	143	VERTICAL
5	5495.58	111.16			73.37	3.53	34.26	0.00	Peak	101	143	VERTICAL
6	5512.24	96.41			58.59	3.54	34.28	0.00	Average	101	143	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5455.51	65.27	74.00	-8.73	27.54	3.52	34.21	0.00	Peak	100	179	VERTICAL
2	5460.00	48.52	54.00	-5.48	10.79	3.52	34.21	0.00	Average	100	179	VERTICAL
3	5468.08	69.97	74.00	-4.03	32.21	3.52	34.24	0.00	Peak	100	179	VERTICAL
4	5470.00	52.17	54.00	-1.83	14.41	3.52	34.24	0.00	Average	100	179	VERTICAL
5	5539.42	118.50			80.64	3.55	34.31	0.00	Peak	100	179	VERTICAL
6	5547.76	103.05			65.19	3.55	34.31	0.00	Average	100	179	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5685.06	103.64			65.72	3.59	34.33	0.00	Average	115	131 VERTICAL
2	5686.67	117.46			79.54	3.59	34.33	0.00	Peak	115	131 VERTICAL
3	5725.00	52.28	54.00	-1.72	14.34	3.60	34.34	0.00	Average	115	131 VERTICAL
4	5728.53	69.94	74.00	-4.06	32.00	3.60	34.34	0.00	Peak	115	131 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5140.40	44.28	54.00	-9.72	7.21	3.43	33.64	0.00	Average	100	58 VERTICAL
2	5148.20	64.68	74.00	-9.32	27.58	3.43	33.67	0.00	Peak	100	58 VERTICAL
3	5263.60	106.77			69.43	3.46	33.88	0.00	Average	100	58 VERTICAL
4	5264.20	122.34			85.00	3.46	33.88	0.00	Peak	100	58 VERTICAL
5	5350.00	46.13	54.00	-7.87	8.61	3.49	34.03	0.00	Average	100	58 VERTICAL
6	5351.80	70.40	74.00	-3.60	32.88	3.49	34.03	0.00	Peak	100	58 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.55	74.00	-1.45	35.24	3.46	33.85	0.00	Peak	105	90 VERTICAL
2	5250.00	44.43	54.00	-9.57	7.12	3.46	33.85	0.00	Average	105	90 VERTICAL
3	5274.80	101.51			64.16	3.47	33.88	0.00	Average	105	90 VERTICAL
4	5275.60	116.54			79.19	3.47	33.88	0.00	Peak	105	90 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5306.40	121.02			83.60	3.48	33.94	0.00	Peak	100	69 VERTICAL
2	5307.60	106.49			69.07	3.48	33.94	0.00	Average	100	69 VERTICAL
3	5350.00	48.51	54.00	-5.49	10.99	3.49	34.03	0.00	Average	100	69 VERTICAL
4	5350.00	72.90	74.00	-1.10	35.38	3.49	34.03	0.00	Peak	100	69 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5322.40	115.04			77.58	3.49	33.97	0.00	Peak	100	61 VERTICAL
2	5323.40	99.65			62.19	3.49	33.97	0.00	Average	100	61 VERTICAL
3	5350.00	43.43	54.00	-10.57	5.91	3.49	34.03	0.00	Average	100	61 VERTICAL
4	5350.60	72.48	74.00	-1.52	34.96	3.49	34.03	0.00	Peak	100	61 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5457.80	70.74	74.00	-3.26	33.01	3.52	34.21	0.00	Peak	100	126	VERTICAL
2	5460.00	45.05	54.00	-8.95	7.32	3.52	34.21	0.00	Average	100	126	VERTICAL
3	5468.60	72.70	74.00	-1.30	34.94	3.52	34.24	0.00	Peak	100	126	VERTICAL
4	5470.00	45.92	54.00	-8.08	8.16	3.52	34.24	0.00	Average	100	126	VERTICAL
5	5495.20	99.82			62.03	3.53	34.26	0.00	Average	100	126	VERTICAL
6	5496.20	115.20			77.41	3.53	34.26	0.00	Peak	100	126	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5693.40	95.88			57.95	3.59	34.34	0.00	Average	124	126	VERTICAL
2	5695.60	110.81			72.88	3.59	34.34	0.00	Peak	124	126	VERTICAL
3	5725.00	43.96	54.00	-10.04	6.02	3.60	34.34	0.00	Average	124	126	VERTICAL
4	5725.40	72.46	74.00	-1.54	34.52	3.60	34.34	0.00	Peak	124	126	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark			Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5282.40	118.64			81.26	3.47	33.91	0.00 Peak	100	97	VERTICAL
2	5284.80	101.83			64.45	3.47	33.91	0.00 Average	100	97	VERTICAL
3	5350.00	50.12	54.00	-3.88	12.60	3.49	34.03	0.00 Average	100	97	VERTICAL
4	5350.40	70.01	74.00	-3.99	32.49	3.49	34.03	0.00 Peak	100	97	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark			Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5318.80	95.46			58.01	3.48	33.97	0.00 Average	100	59	VERTICAL
2	5320.00	111.78			74.33	3.48	33.97	0.00 Peak	100	59	VERTICAL
3	5350.00	52.58	54.00	-1.42	15.06	3.49	34.03	0.00 Average	100	59	VERTICAL
4	5350.40	66.47	74.00	-7.53	28.95	3.49	34.03	0.00 Peak	100	59	VERTICAL

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

Temperature	25.6°C	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	46.75	54.00	-7.25	9.02	3.52	34.21	0.00 Average	100	127	VERTICAL
2	5460.00	67.12	74.00	-6.88	29.39	3.52	34.21	0.00 Peak	100	127	VERTICAL
3	5470.00	67.25	68.30	-1.05	29.49	3.52	34.24	0.00 Peak	100	127	VERTICAL
4	5497.60	96.28			58.49	3.53	34.26	0.00 Average	100	127	VERTICAL
5	5501.20	112.59			74.77	3.54	34.28	0.00 Peak	100	127	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	68.34	74.00	-5.66	30.61	3.52	34.21	0.00 Peak	100	145	VERTICAL
2	5460.00	49.21	54.00	-4.79	11.48	3.52	34.21	0.00 Average	100	145	VERTICAL
3	5465.20	68.51	74.00	-5.49	30.78	3.52	34.21	0.00 Peak	100	145	VERTICAL
4	5470.00	52.35	54.00	-1.65	14.59	3.52	34.24	0.00 Average	100	145	VERTICAL
5	5534.80	118.82			80.97	3.55	34.30	0.00 Peak	100	145	VERTICAL
6	5536.40	101.55			63.69	3.55	34.31	0.00 Average	100	145	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5675.60	118.34			80.42	3.59	34.33	0.00 Peak	123	128	VERTICAL
2	5677.20	101.30			63.38	3.59	34.33	0.00 Average	123	128	VERTICAL
3	5725.00	51.87	54.00	-2.13	13.93	3.60	34.34	0.00 Average	123	128	VERTICAL
4	5727.80	72.45	74.00	-1.55	34.51	3.60	34.34	0.00 Peak	123	128	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5261.60	109.75			72.44	3.46	33.85	0.00	Average	100	88 VERTICAL
2	5261.60	120.86			83.55	3.46	33.85	0.00	Peak	100	88 VERTICAL
3	5350.00	43.73	54.00	-10.27	6.21	3.49	34.03	0.00	Average	100	88 VERTICAL
4	5358.65	68.15	74.00	-5.85	30.63	3.49	34.03	0.00	Peak	100	88 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5248.00	72.79	74.00	-1.21	35.48	3.46	33.85	0.00	Peak	100	117 VERTICAL
2	5250.00	45.13	54.00	-8.87	7.82	3.46	33.85	0.00	Average	100	117 VERTICAL
3	5282.60	105.61			68.23	3.47	33.91	0.00	Average	100	117 VERTICAL
4	5283.80	116.74			79.36	3.47	33.91	0.00	Peak	100	117 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5306.41	122.40			84.98	3.48	33.94	0.00	Peak	100	90 VERTICAL
2	5307.05	111.61			74.19	3.48	33.94	0.00	Average	100	90 VERTICAL
3	5350.00	47.88	54.00	-6.12	10.36	3.49	34.03	0.00	Average	100	90 VERTICAL
4	5352.56	72.69	74.00	-1.31	35.17	3.49	34.03	0.00	Peak	100	90 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5324.65	105.21			67.75	3.49	33.97	0.00	Average	100	133 VERTICAL
2	5324.81	116.57			79.11	3.49	33.97	0.00	Peak	100	133 VERTICAL
3	5350.00	42.40	54.00	-11.60	4.88	3.49	34.03	0.00	Average	100	133 VERTICAL
4	5351.12	72.77	74.00	-1.23	35.25	3.49	34.03	0.00	Peak	100	133 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableLoss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5450.00	43.74	54.00	-10.26	6.04	3.52	34.18	0.00	Average	104	223	VERTICAL
2	5459.20	71.72	74.00	-2.28	33.99	3.52	34.21	0.00	Peak	104	223	VERTICAL
3	5469.20	72.99	74.00	-1.01	35.23	3.52	34.24	0.00	Peak	104	223	VERTICAL
4	5470.00	43.21	54.00	-10.79	5.45	3.52	34.24	0.00	Average	104	223	VERTICAL
5	5493.91	105.49			67.70	3.53	34.26	0.00	Average	104	223	VERTICAL
6	5494.39	116.69			78.90	3.53	34.26	0.00	Peak	104	223	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5705.29	110.72			72.78	3.60	34.34	0.00	Peak	118	170	VERTICAL
2	5706.09	99.00			61.06	3.60	34.34	0.00	Average	118	170	VERTICAL
3	5725.00	42.47	54.00	-11.53	4.53	3.60	34.34	0.00	Average	118	170	VERTICAL
4	5726.12	72.80	74.00	-1.20	34.86	3.60	34.34	0.00	Peak	118	170	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark			Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5273.21	107.12			69.77	3.47	33.88	0.00 Average	100	247	VERTICAL
2	5273.21	118.88			81.53	3.47	33.88	0.00 Peak	100	247	VERTICAL
3	5350.00	49.39	54.00	-4.61	11.87	3.49	34.03	0.00 Average	100	247	VERTICAL
4	5350.00	62.33	74.00	-11.67	24.81	3.49	34.03	0.00 Peak	100	247	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark			Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5311.92	98.27			60.85	3.48	33.94	0.00 Average	100	133	VERTICAL
2	5311.92	109.61			72.19	3.48	33.94	0.00 Peak	100	133	VERTICAL
3	5350.00	52.48	54.00	-1.52	14.96	3.49	34.03	0.00 Average	100	133	VERTICAL
4	5350.00	66.97	74.00	-7.03	29.45	3.49	34.03	0.00 Peak	100	133	VERTICAL

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

Temperature	25.6°C	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	43.51	54.00	-10.49	5.78	3.52	34.21	0.00	Average	100	168 VERTICAL
2	5460.00	55.56	74.00	-18.44	17.83	3.52	34.21	0.00	Peak	100	168 VERTICAL
3	5470.00	52.81	54.00	-1.19	15.05	3.52	34.24	0.00	Average	100	168 VERTICAL
4	5470.00	68.58	74.00	-5.42	30.82	3.52	34.24	0.00	Peak	100	168 VERTICAL
5	5508.08	112.85			75.03	3.54	34.28	0.00	Peak	100	168 VERTICAL
6	5508.40	100.47			62.65	3.54	34.28	0.00	Average	100	168 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5450.00	47.16	54.00	-6.84	9.46	3.52	34.18	0.00	Average	100	180 VERTICAL
2	5458.08	61.56	74.00	-12.44	23.83	3.52	34.21	0.00	Peak	100	180 VERTICAL
3	5466.80	67.43	74.00	-6.57	29.70	3.52	34.21	0.00	Peak	100	180 VERTICAL
4	5469.04	52.40	54.00	-1.60	14.64	3.52	34.24	0.00	Average	100	180 VERTICAL
5	5547.76	118.90			81.04	3.55	34.31	0.00	Peak	100	180 VERTICAL
6	5548.08	106.67			68.81	3.55	34.31	0.00	Average	100	180 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5682.50	119.05			81.13	3.59	34.33	0.00	Peak	121	145 VERTICAL
2	5682.82	106.81			68.89	3.59	34.33	0.00	Average	121	145 VERTICAL
3	5727.24	66.71	68.30	-1.59	28.77	3.60	34.34	0.00	Peak	121	145 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 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5150.00	38.93	54.00	-15.07	1.83	3.43	33.67	0.00	Average	100	249	VERTICAL
2	5150.00	49.48	74.00	-24.52	12.38	3.43	33.67	0.00	Peak	100	249	VERTICAL
3	5310.03	87.62			50.20	3.48	33.94	0.00	Average	100	249	VERTICAL
4	5310.03	100.03			62.61	3.48	33.94	0.00	Peak	100	249	VERTICAL
5	5350.00	52.84	54.00	-1.16	15.32	3.49	34.03	0.00	Average	100	249	VERTICAL
6	5350.00	66.53	74.00	-7.47	29.01	3.49	34.03	0.00	Peak	100	249	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5457.60	59.30	74.00	-14.70	21.57	3.52	34.21	0.00	Peak	100	141	VERTICAL
2	5460.00	44.51	54.00	-9.49	6.78	3.52	34.21	0.00	Average	100	141	VERTICAL
3	5466.80	69.14	74.00	-4.86	31.41	3.52	34.21	0.00	Peak	100	141	VERTICAL
4	5467.60	52.97	54.00	-1.03	15.21	3.52	34.24	0.00	Average	100	141	VERTICAL
5	5505.96	90.09			52.27	3.54	34.28	0.00	Average	100	141	VERTICAL
6	5505.96	102.26			64.44	3.54	34.28	0.00	Peak	100	141	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5267.37	120.43			83.09	3.46	33.88	0.00	Peak	100	242	VERTICAL
2	5268.01	107.11			69.77	3.46	33.88	0.00	Average	100	242	VERTICAL
3	5350.00	44.38	54.00	-9.62	6.86	3.49	34.03	0.00	Average	100	242	VERTICAL
4	5355.77	68.24	74.00	-5.76	30.72	3.49	34.03	0.00	Peak	100	242	VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5249.60	72.37	74.00	-1.63	35.06	3.46	33.85	0.00	Peak	100	114	VERTICAL
2	5250.00	44.60	54.00	-9.40	7.29	3.46	33.85	0.00	Average	100	114	VERTICAL
3	5277.60	103.33			65.98	3.47	33.88	0.00	Average	100	114	VERTICAL
4	5281.80	116.16			78.78	3.47	33.91	0.00	Peak	100	114	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5293.27	106.85			69.47	3.47	33.91	0.00	Average	100	120 VERTICAL
2	5306.41	121.31			83.89	3.48	33.94	0.00	Peak	100	120 VERTICAL
3	5350.00	49.62	54.00	-4.38	12.10	3.49	34.03	0.00	Average	100	120 VERTICAL
4	5350.64	72.84	74.00	-1.16	35.32	3.49	34.03	0.00	Peak	100	120 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5324.97	100.64			63.18	3.49	33.97	0.00	Average	100	247 VERTICAL
2	5325.61	114.50			77.04	3.49	33.97	0.00	Peak	100	247 VERTICAL
3	5350.00	43.01	54.00	-10.99	5.49	3.49	34.03	0.00	Average	100	247 VERTICAL
4	5354.65	72.51	74.00	-1.49	34.99	3.49	34.03	0.00	Peak	100	247 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.36	69.99	74.00	-4.01	32.26	3.52	34.21	0.00	Peak	100	184	VERTICAL
2	5460.00	43.01	54.00	-10.99	5.28	3.52	34.21	0.00	Average	100	184	VERTICAL
3	5466.64	72.80	74.00	-1.20	35.07	3.52	34.21	0.00	Peak	100	184	VERTICAL
4	5470.00	43.20	54.00	-10.80	5.44	3.52	34.24	0.00	Average	100	184	VERTICAL
5	5493.43	102.10			64.31	3.53	34.26	0.00	Average	100	184	VERTICAL
6	5494.71	114.57			76.78	3.53	34.26	0.00	Peak	100	184	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5693.59	100.21			62.28	3.59	34.34	0.00	Average	113	200	VERTICAL
2	5695.67	112.15			74.22	3.59	34.34	0.00	Peak	113	200	VERTICAL
3	5725.00	43.45	54.00	-10.55	5.51	3.60	34.34	0.00	Average	113	200	VERTICAL
4	5727.24	72.88	74.00	-1.12	34.94	3.60	34.34	0.00	Peak	113	200	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5277.69	102.83			65.48	3.47	33.88	0.00	Average	100	120 VERTICAL
2	5284.74	116.69			79.31	3.47	33.91	0.00	Peak	100	120 VERTICAL
3	5350.00	49.07	54.00	-4.93	11.55	3.49	34.03	0.00	Average	100	120 VERTICAL
4	5351.60	63.05	74.00	-10.95	25.53	3.49	34.03	0.00	Peak	100	120 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5305.19	95.84			58.42	3.48	33.94	0.00	Average	100	122 VERTICAL
2	5306.15	110.50			73.08	3.48	33.94	0.00	Peak	100	122 VERTICAL
3	5350.00	52.89	54.00	-1.11	15.37	3.49	34.03	0.00	Average	100	122 VERTICAL
4	5350.00	65.68	74.00	-8.32	28.16	3.49	34.03	0.00	Peak	100	122 VERTICAL

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

Temperature	25.6°C	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5457.12	64.99	74.00	-9.01	27.26	3.52	34.21	0.00	Peak	100	190 VERTICAL
2	5460.00	46.28	54.00	-7.72	8.55	3.52	34.21	0.00	Average	100	190 VERTICAL
3	5465.19	67.97	74.00	-6.03	30.24	3.52	34.21	0.00	Peak	100	190 VERTICAL
4	5470.00	52.96	54.00	-1.04	15.20	3.52	34.24	0.00	Average	100	190 VERTICAL
5	5493.33	98.07			60.28	3.53	34.26	0.00	Average	100	190 VERTICAL
6	5513.21	111.86			74.04	3.54	34.28	0.00	Peak	100	190 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	49.32	54.00	-4.68	11.59	3.52	34.21	0.00	Average	100	176 VERTICAL
2	5460.00	66.37	74.00	-7.63	28.64	3.52	34.21	0.00	Peak	100	176 VERTICAL
3	5468.72	66.91	68.30	-1.39	29.15	3.52	34.24	0.00	Peak	100	176 VERTICAL
4	5545.83	101.87			64.01	3.55	34.31	0.00	Average	100	176 VERTICAL
5	5551.28	116.99			79.13	3.55	34.31	0.00	Peak	100	176 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5684.10	103.34			65.42	3.59	34.33	0.00	Average	122	169 VERTICAL
2	5684.10	118.12			80.20	3.59	34.33	0.00	Peak	122	169 VERTICAL
3	5725.00	51.37	54.00	-2.63	13.43	3.60	34.34	0.00	Average	122	169 VERTICAL
4	5725.32	72.41	74.00	-1.59	34.47	3.60	34.34	0.00	Peak	122	169 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/Nss2 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5150.00	38.63	54.00	-15.37	1.53	3.43	33.67	0.00	Average	100	235	VERTICAL
2	5150.00	49.49	74.00	-24.51	12.39	3.43	33.67	0.00	Peak	100	235	VERTICAL
3	5306.83	103.49			66.07	3.48	33.94	0.00	Peak	100	235	VERTICAL
4	5322.05	88.57			51.12	3.48	33.97	0.00	Average	100	235	VERTICAL
5	5350.00	52.63	54.00	-1.37	15.11	3.49	34.03	0.00	Average	100	235	VERTICAL
6	5350.00	66.78	74.00	-7.22	29.26	3.49	34.03	0.00	Peak	100	235	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5460.00	46.79	54.00	-7.21	9.06	3.52	34.21	0.00	Average	100	168	VERTICAL
2	5460.00	58.19	74.00	-15.81	20.46	3.52	34.21	0.00	Peak	100	168	VERTICAL
3	5470.00	52.77	54.00	-1.23	15.01	3.52	34.24	0.00	Average	100	168	VERTICAL
4	5470.00	67.09	74.00	-6.91	29.33	3.52	34.24	0.00	Peak	100	168	VERTICAL
5	5501.96	86.34			48.52	3.54	34.28	0.00	Average	100	168	VERTICAL
6	5517.18	102.04			64.22	3.54	34.28	0.00	Peak	100	168	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5148.80	64.98	74.00	-9.02	27.88	3.43	33.67	0.00	Peak	100	62 VERTICAL
2	5150.00	43.63	54.00	-10.37	6.53	3.43	33.67	0.00	Average	100	62 VERTICAL
3	5253.40	108.01			70.70	3.46	33.85	0.00	Average	100	62 VERTICAL
4	5262.40	121.89			84.58	3.46	33.85	0.00	Peak	100	62 VERTICAL
5	5350.00	45.65	54.00	-8.35	8.13	3.49	34.03	0.00	Average	100	62 VERTICAL
6	5352.40	70.33	74.00	-3.67	32.81	3.49	34.03	0.00	Peak	100	62 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.60	72.50	74.00	-1.50	35.19	3.46	33.85	0.00	Peak	100	114 VERTICAL
2	5250.00	44.59	54.00	-9.41	7.28	3.46	33.85	0.00	Average	100	114 VERTICAL
3	5275.60	115.46			78.11	3.47	33.88	0.00	Peak	100	114 VERTICAL
4	5285.80	100.73			63.35	3.47	33.91	0.00	Average	100	114 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5306.40	121.81			84.39	3.48	33.94	0.00	Peak	100	73	VERTICAL
2	5306.80	108.32			70.90	3.48	33.94	0.00	Average	100	73	VERTICAL
3	5350.00	48.30	54.00	-5.70	10.78	3.49	34.03	0.00	Average	100	73	VERTICAL
4	5356.40	72.54	74.00	-1.46	35.02	3.49	34.03	0.00	Peak	100	73	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5315.60	115.77			78.32	3.48	33.97	0.00	Peak	100	87	VERTICAL
2	5326.60	100.46			63.00	3.49	33.97	0.00	Average	100	87	VERTICAL
3	5350.00	44.02	54.00	-9.98	6.50	3.49	34.03	0.00	Average	100	87	VERTICAL
4	5351.20	72.64	74.00	-1.36	35.12	3.49	34.03	0.00	Peak	100	87	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5460.00	44.69	54.00	-9.31	6.96	3.52	34.21	0.00	Average	100	196	VERTICAL
2	5460.00	69.42	74.00	-4.58	31.69	3.52	34.21	0.00	Peak	100	196	VERTICAL
3	5469.80	72.89	74.00	-1.11	35.13	3.52	34.24	0.00	Peak	100	196	VERTICAL
4	5470.00	45.15	54.00	-8.85	7.39	3.52	34.24	0.00	Average	100	196	VERTICAL
5	5495.60	113.60			75.81	3.53	34.26	0.00	Peak	100	196	VERTICAL
6	5497.80	101.30			63.51	3.53	34.26	0.00	Average	100	196	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5698.20	111.43			73.50	3.59	34.34	0.00	Peak	120	144	VERTICAL
2	5706.80	95.94			58.00	3.60	34.34	0.00	Average	120	144	VERTICAL
3	5725.00	43.63	54.00	-10.37	5.69	3.60	34.34	0.00	Average	120	144	VERTICAL
4	5725.40	72.85	74.00	-1.15	34.91	3.60	34.34	0.00	Peak	120	144	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5285.60	118.68			81.30	3.47	33.91	0.00	Peak	100	95	VERTICAL
2	5286.80	103.33			65.95	3.47	33.91	0.00	Average	100	95	VERTICAL
3	5350.00	50.32	54.00	-3.68	12.80	3.49	34.03	0.00	Average	100	95	VERTICAL
4	5350.00	70.20	74.00	-3.80	32.68	3.49	34.03	0.00	Peak	100	95	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5317.60	97.42			59.97	3.48	33.97	0.00	Average	100	91	VERTICAL
2	5322.80	112.88			75.42	3.49	33.97	0.00	Peak	100	91	VERTICAL
3	5350.00	52.68	54.00	-1.32	15.16	3.49	34.03	0.00	Average	100	91	VERTICAL
4	5350.00	65.35	74.00	-8.65	27.83	3.49	34.03	0.00	Peak	100	91	VERTICAL

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

Temperature	25.6°C	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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5456.80	65.42	74.00	-8.58	27.69	3.52	34.21	0.00	Peak	100	139	VERTICAL
2	5460.00	45.93	54.00	-8.07	8.20	3.52	34.21	0.00	Average	100	139	VERTICAL
3	5470.00	52.40	54.00	-1.60	14.64	3.52	34.24	0.00	Average	100	139	VERTICAL
4	5470.00	66.14	74.00	-7.86	28.38	3.52	34.24	0.00	Peak	100	139	VERTICAL
5	5502.00	97.07			59.25	3.54	34.28	0.00	Average	100	139	VERTICAL
6	5502.40	111.00			73.18	3.54	34.28	0.00	Peak	100	139	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.60	66.53	74.00	-7.47	28.80	3.52	34.21	0.00	Peak	100	129	VERTICAL
2	5460.00	49.21	54.00	-4.79	11.48	3.52	34.21	0.00	Average	100	129	VERTICAL
3	5468.80	72.18	74.00	-1.82	34.42	3.52	34.24	0.00	Peak	100	129	VERTICAL
4	5470.00	52.00	54.00	-2.00	14.24	3.52	34.24	0.00	Average	100	129	VERTICAL
5	5542.00	102.05			64.19	3.55	34.31	0.00	Average	100	129	VERTICAL
6	5543.60	118.08			80.22	3.55	34.31	0.00	Peak	100	129	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5662.40	117.43			79.51	3.59	34.33	0.00	Peak	113	129	VERTICAL
2	5677.60	101.87			63.95	3.59	34.33	0.00	Average	113	129	VERTICAL
3	5725.00	51.23	54.00	-2.77	13.29	3.60	34.34	0.00	Average	113	129	VERTICAL
4	5725.40	72.37	74.00	-1.63	34.43	3.60	34.34	0.00	Peak	113	129	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/Nss3 VHT80 Ch 58, 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5150.00	40.60	54.00	-13.40	3.50	3.43	33.67	0.00	Average	100	61	VERTICAL
2	5150.00	52.87	74.00	-21.13	15.77	3.43	33.67	0.00	Peak	100	61	VERTICAL
3	5293.00	107.21			69.83	3.47	33.91	0.00	Peak	100	61	VERTICAL
4	5313.00	88.37			50.95	3.48	33.94	0.00	Average	100	61	VERTICAL
5	5350.00	52.71	54.00	-1.29	15.19	3.49	34.03	0.00	Average	100	61	VERTICAL
6	5350.00	68.09	74.00	-5.91	30.57	3.49	34.03	0.00	Peak	100	61	VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.00	61.84	74.00	-12.16	24.11	3.52	34.21	0.00	Peak	100	144	VERTICAL
2	5460.00	46.69	54.00	-7.31	8.96	3.52	34.21	0.00	Average	100	144	VERTICAL
3	5470.00	66.69	68.30	-1.61	28.93	3.52	34.24	0.00	Peak	100	144	VERTICAL
4	5539.00	100.67			62.81	3.55	34.31	0.00	Peak	100	144	VERTICAL
5	5541.00	83.95			46.09	3.55	34.31	0.00	Average	100	144	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch52, 56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	5264.00	106.45			69.11	3.46	33.88	0.00 Average	100	46	VERTICAL
2	5264.00	117.98			80.64	3.46	33.88	0.00 Peak	100	46	VERTICAL
3	5350.00	66.65	74.00	-7.35	29.13	3.49	34.03	0.00 Peak	100	46	VERTICAL
4	5360.00	45.74	54.00	-8.26	8.22	3.49	34.03	0.00 Average	100	46	VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	5249.20	72.21	74.00	-1.79	34.90	3.46	33.85	0.00 Peak	101	320	VERTICAL
2	5250.00	50.22	54.00	-3.78	12.91	3.46	33.85	0.00 Average	101	320	VERTICAL
3	5274.60	104.83			67.48	3.47	33.88	0.00 Average	101	320	VERTICAL
4	5274.80	116.13			78.78	3.47	33.88	0.00 Peak	101	320	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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5306.40	107.08			69.66	3.48	33.94	0.00	Average	100	72 VERTICAL
2	5306.40	118.53			81.11	3.48	33.94	0.00	Peak	100	72 VERTICAL
3	5350.00	49.17	54.00	-4.83	11.65	3.49	34.03	0.00	Average	100	72 VERTICAL
4	5352.40	72.50	74.00	-1.50	34.98	3.49	34.03	0.00	Peak	100	72 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5325.40	115.39			77.93	3.49	33.97	0.00	Peak	100	58 VERTICAL
2	5325.80	104.25			66.79	3.49	33.97	0.00	Average	100	58 VERTICAL
3	5350.00	46.14	54.00	-7.86	8.62	3.49	34.03	0.00	Average	100	58 VERTICAL
4	5350.80	72.85	74.00	-1.15	35.33	3.49	34.03	0.00	Peak	100	58 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 /1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5458.80	70.39	74.00	-3.61	32.66	3.52	34.21	0.00	Peak	100	196 VERTICAL
2	5460.00	46.50	54.00	-7.50	8.77	3.52	34.21	0.00	Average	100	196 VERTICAL
3	5469.40	72.60	74.00	-1.40	34.84	3.52	34.24	0.00	Peak	100	196 VERTICAL
4	5470.00	48.71	54.00	-5.29	10.95	3.52	34.24	0.00	Average	100	196 VERTICAL
5	5493.20	115.01			77.22	3.53	34.26	0.00	Peak	100	196 VERTICAL
6	5494.00	103.71			65.92	3.53	34.26	0.00	Average	100	196 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5704.00	111.12			73.19	3.59	34.34	0.00	Peak	139	40 VERTICAL
2	5705.60	100.04			62.10	3.60	34.34	0.00	Average	139	40 VERTICAL
3	5725.00	46.04	54.00	-7.96	8.10	3.60	34.34	0.00	Average	139	40 VERTICAL
4	5725.60	72.81	74.00	-1.19	34.87	3.60	34.34	0.00	Peak	139	40 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5263.60	120.65			83.31	3.46	33.88	0.00	Peak	100	59 VERTICAL
2	5264.00	109.94			72.60	3.46	33.88	0.00	Average	100	59 VERTICAL
3	5350.00	45.94	54.00	-8.06	8.42	3.49	34.03	0.00	Average	100	59 VERTICAL
4	5353.60	69.31	74.00	-4.69	31.79	3.49	34.03	0.00	Peak	100	59 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5241.60	72.77	74.00	-1.23	35.49	3.46	33.82	0.00	Peak	100	119 VERTICAL
2	5250.00	49.05	54.00	-4.95	11.74	3.46	33.85	0.00	Average	100	119 VERTICAL
3	5285.00	117.21			79.83	3.47	33.91	0.00	Peak	100	119 VERTICAL
4	5285.20	105.93			68.55	3.47	33.91	0.00	Average	100	119 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5307.20	108.75			71.33	3.48	33.94	0.00	Average	110	30 VERTICAL
2	5307.60	119.68			82.26	3.48	33.94	0.00	Peak	110	30 VERTICAL
3	5354.40	72.99	74.00	-1.01	35.47	3.49	34.03	0.00	Peak	110	30 VERTICAL
4	5357.60	45.64	54.00	-8.36	8.12	3.49	34.03	0.00	Average	110	30 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5325.80	105.32			67.86	3.49	33.97	0.00	Average	100	208 VERTICAL
2	5326.40	116.26			78.80	3.49	33.97	0.00	Peak	100	208 VERTICAL
3	5350.40	72.65	74.00	-1.35	35.13	3.49	34.03	0.00	Peak	100	208 VERTICAL
4	5351.00	44.22	54.00	-9.78	6.70	3.49	34.03	0.00	Average	100	208 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5457.80	66.58	74.00	-7.42	28.85	3.52	34.21	0.00	Peak	97	144	VERTICAL
2	5460.00	44.52	54.00	-9.48	6.79	3.52	34.21	0.00	Average	97	144	VERTICAL
3	5467.80	72.57	74.00	-1.43	34.81	3.52	34.24	0.00	Peak	97	144	VERTICAL
4	5470.00	46.50	54.00	-7.50	8.74	3.52	34.24	0.00	Average	97	144	VERTICAL
5	5495.20	103.76			65.97	3.53	34.26	0.00	Average	97	144	VERTICAL
6	5495.80	115.38			77.59	3.53	34.26	0.00	Peak	97	144	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5693.60	101.82			63.89	3.59	34.34	0.00	Average	130	159	VERTICAL
2	5698.20	113.43			75.50	3.59	34.34	0.00	Peak	130	159	VERTICAL
3	5725.00	44.41	54.00	-9.59	6.47	3.60	34.34	0.00	Average	130	159	VERTICAL
4	5726.00	72.69	74.00	-1.31	34.75	3.60	34.34	0.00	Peak	130	159	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5252.95	112.01			74.70	3.46	33.85	0.00	Average	100	267 VERTICAL
2	5253.59	123.26			85.95	3.46	33.85	0.00	Peak	100	267 VERTICAL
3	5350.00	44.15	54.00	-9.85	6.63	3.49	34.03	0.00	Average	100	267 VERTICAL
4	5358.33	68.56	74.00	-5.44	31.04	3.49	34.03	0.00	Peak	100	267 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5246.20	72.69	74.00	-1.31	35.38	3.46	33.85	0.00	Peak	100	118 VERTICAL
2	5250.00	44.23	54.00	-9.77	6.92	3.46	33.85	0.00	Average	100	118 VERTICAL
3	5287.60	114.78			77.40	3.47	33.91	0.00	Peak	100	118 VERTICAL
4	5287.80	104.38			67.00	3.47	33.91	0.00	Average	100	118 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5300.32	110.89			73.47	3.48	33.94	0.00	Average	100	265 VERTICAL
2	5301.28	121.90			84.48	3.48	33.94	0.00	Peak	100	265 VERTICAL
3	5350.00	50.40	54.00	-3.60	12.88	3.49	34.03	0.00	Average	100	265 VERTICAL
4	5357.69	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	100	265 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5318.08	118.28			80.83	3.48	33.97	0.00	Peak	100	116 VERTICAL
2	5318.56	106.59			69.14	3.48	33.97	0.00	Average	100	116 VERTICAL
3	5350.00	43.09	54.00	-10.91	5.57	3.49	34.03	0.00	Average	100	116 VERTICAL
4	5352.89	72.56	74.00	-1.44	35.04	3.49	34.03	0.00	Peak	100	116 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 1 (Ant.1 Dipole antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	69.95	74.00	-4.05	32.22	3.52	34.21	0.00 Peak	100	147	VERTICAL
2	5460.00	42.77	54.00	-11.23	5.04	3.52	34.21	0.00 Average	100	147	VERTICAL
3	5469.04	72.64	74.00	-1.36	34.88	3.52	34.24	0.00 Peak	100	147	VERTICAL
4	5470.00	43.88	54.00	-10.12	6.12	3.52	34.24	0.00 Average	100	147	VERTICAL
5	5501.28	112.97			75.15	3.54	34.28	0.00 Peak	100	147	VERTICAL
6	5501.60	101.70			63.88	3.54	34.28	0.00 Average	100	147	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	111.58			73.65	3.59	34.34	0.00 Peak	119	159	VERTICAL
2	5695.19	100.39			62.46	3.59	34.34	0.00 Average	119	159	VERTICAL
3	5725.00	43.51	54.00	-10.49	5.57	3.60	34.34	0.00 Average	119	159	VERTICAL
4	5726.92	72.89	74.00	-1.11	34.95	3.60	34.34	0.00 Peak	119	159	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	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	48.94	54.00	-5.06	11.84	3.43	33.67	0.00 Average	100	354	VERTICAL
2	5150.00	68.91	74.00	-5.09	31.81	3.43	33.67	0.00 Peak	100	354	VERTICAL
3	5254.60	112.76			75.45	3.46	33.85	0.00 Average	100	354	VERTICAL
4	5255.20	124.13			86.82	3.46	33.85	0.00 Peak	100	354	VERTICAL
5	5350.00	49.59	54.00	-4.41	12.07	3.49	34.03	0.00 Average	100	354	VERTICAL
6	5350.00	72.51	74.00	-1.49	34.99	3.49	34.03	0.00 Peak	100	354	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5249.36	72.63	74.00	-1.37	35.32	3.46	33.85	0.00 Peak	117	190	VERTICAL
2	5250.00	45.48	54.00	-8.52	8.17	3.46	33.85	0.00 Average	117	190	VERTICAL
3	5274.39	102.23			64.88	3.47	33.88	0.00 Average	117	190	VERTICAL
4	5276.15	113.98			76.63	3.47	33.88	0.00 Peak	117	190	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 MCS0 HT20 Ch60, 64 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5296.00	106.20			68.82	3.47	33.91	0.00	Average	116	354 VERTICAL
2	5297.20	117.54			80.12	3.48	33.94	0.00	Peak	116	354 VERTICAL
3	5350.00	46.27	54.00	-7.73	8.75	3.49	34.03	0.00	Average	116	354 VERTICAL
4	5350.40	72.87	74.00	-1.13	35.35	3.49	34.03	0.00	Peak	116	354 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5314.80	101.15			63.70	3.48	33.97	0.00	Average	128	357 VERTICAL
2	5316.20	112.48			75.03	3.48	33.97	0.00	Peak	128	357 VERTICAL
3	5350.00	46.38	54.00	-7.62	8.86	3.49	34.03	0.00	Average	128	357 VERTICAL
4	5351.00	72.40	74.00	-1.60	34.88	3.49	34.03	0.00	Peak	128	357 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 MCS0 HT20 Ch 100, 140 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	46.92	54.00	-7.08	9.19	3.52	34.21	0.00 Average	124	358	VERTICAL
2	5460.00	70.23	74.00	-3.77	32.50	3.52	34.21	0.00 Peak	124	358	VERTICAL
3	5469.00	72.50	74.00	-1.50	34.74	3.52	34.24	0.00 Peak	124	358	VERTICAL
4	5470.00	47.71	54.00	-6.29	9.95	3.52	34.24	0.00 Average	124	358	VERTICAL
5	5501.80	113.69			75.87	3.54	34.28	0.00 Peak	124	358	VERTICAL
6	5506.80	102.25			64.43	3.54	34.28	0.00 Average	124	358	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5702.80	99.25			61.32	3.59	34.34	0.00 Average	114	353	VERTICAL
2	5703.20	111.70			73.77	3.59	34.34	0.00 Peak	114	353	VERTICAL
3	5725.00	48.50	54.00	-5.50	10.56	3.60	34.34	0.00 Average	114	353	VERTICAL
4	5725.20	72.42	74.00	-1.58	34.48	3.60	34.34	0.00 Peak	114	353	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 MCS0 HT40 Ch 54, 62 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5264.40	108.27			70.93	3.46	33.88	0.00	Average	117	355	VERTICAL
2	5277.60	120.67			83.32	3.47	33.88	0.00	Peak	117	355	VERTICAL
3	5350.00	52.15	54.00	-1.85	14.63	3.49	34.03	0.00	Average	117	355	VERTICAL
4	5350.80	71.24	74.00	-2.76	33.72	3.49	34.03	0.00	Peak	117	355	VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5301.60	97.83			60.41	3.48	33.94	0.00	Average	128	354	VERTICAL
2	5302.40	109.44			72.02	3.48	33.94	0.00	Peak	128	354	VERTICAL
3	5350.00	52.93	54.00	-1.07	15.41	3.49	34.03	0.00	Average	128	354	VERTICAL
4	5350.00	66.62	74.00	-7.38	29.10	3.49	34.03	0.00	Peak	128	354	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5458.40	63.30	74.00	-10.70	25.57	3.52	34.21	0.00	Peak	121	353 VERTICAL
2	5460.00	48.23	54.00	-5.77	10.50	3.52	34.21	0.00	Average	121	353 VERTICAL
3	5469.60	66.95	68.30	-1.35	29.19	3.52	34.24	0.00	Peak	121	353 VERTICAL
4	5514.80	110.94			73.12	3.54	34.28	0.00	Peak	121	353 VERTICAL
5	5518.80	98.20			60.36	3.54	34.30	0.00	Average	121	353 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5457.60	70.91	74.00	-3.09	33.18	3.52	34.21	0.00	Peak	123	355 VERTICAL
2	5460.00	51.64	54.00	-2.36	13.91	3.52	34.21	0.00	Average	123	355 VERTICAL
3	5470.00	52.80	54.00	-1.20	15.04	3.52	34.24	0.00	Average	123	355 VERTICAL
4	5470.00	69.99	74.00	-4.01	32.23	3.52	34.24	0.00	Peak	123	355 VERTICAL
5	5542.00	108.74			70.88	3.55	34.31	0.00	Average	123	355 VERTICAL
6	5546.00	121.52			83.66	3.55	34.31	0.00	Peak	123	355 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5681.60	105.05			67.13	3.59	34.33	0.00	Average	100	356 VERTICAL
2	5682.40	117.06			79.14	3.59	34.33	0.00	Peak	100	356 VERTICAL
3	5725.00	52.99	54.00	-1.01	15.05	3.60	34.34	0.00	Average	100	356 VERTICAL
4	5725.80	69.67	74.00	-4.33	31.73	3.60	34.34	0.00	Peak	100	356 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5149.40	67.86	74.00	-6.14	30.76	3.43	33.67	0.00	Peak	118	353
2	5150.00	50.47	54.00	-3.53	13.37	3.43	33.67	0.00	Average	118	353
3	5264.80	112.34			75.00	3.46	33.88	0.00	Average	118	353
4	5266.60	124.06			86.72	3.46	33.88	0.00	Peak	118	353
5	5350.00	51.07	54.00	-2.93	13.55	3.49	34.03	0.00	Average	118	353
6	5350.00	72.28	74.00	-1.72	34.76	3.49	34.03	0.00	Peak	118	353

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5248.24	72.75	74.00	-1.25	35.44	3.46	33.85	0.00	Peak	109	187
2	5250.00	44.75	54.00	-9.25	7.44	3.46	33.85	0.00	Average	109	187
3	5275.83	101.15			63.80	3.47	33.88	0.00	Average	109	187
4	5276.31	112.49			75.14	3.47	33.88	0.00	Peak	109	187

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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5294.40	105.64			68.26	3.47	33.91	0.00	Average	117	355 VERTICAL
2	5297.60	116.88			79.46	3.48	33.94	0.00	Peak	117	355 VERTICAL
3	5350.00	46.18	54.00	-7.82	8.66	3.49	34.03	0.00	Average	117	355 VERTICAL
4	5350.80	72.59	74.00	-1.41	35.07	3.49	34.03	0.00	Peak	117	355 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5317.20	100.79			63.34	3.48	33.97	0.00	Average	129	355 VERTICAL
2	5318.40	111.93			74.48	3.48	33.97	0.00	Peak	129	355 VERTICAL
3	5350.00	46.14	54.00	-7.86	8.62	3.49	34.03	0.00	Average	129	355 VERTICAL
4	5350.20	72.56	74.00	-1.44	35.04	3.49	34.03	0.00	Peak	129	355 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	46.75	54.00	-7.25	9.02	3.52	34.21	0.00	Average	121	353 VERTICAL
2	5460.00	69.40	74.00	-4.60	31.67	3.52	34.21	0.00	Peak	121	353 VERTICAL
3	5469.00	72.61	74.00	-1.39	34.85	3.52	34.24	0.00	Peak	121	353 VERTICAL
4	5470.00	47.19	54.00	-6.81	9.43	3.52	34.24	0.00	Average	121	353 VERTICAL
5	5492.80	101.83			64.04	3.53	34.26	0.00	Average	121	353 VERTICAL
6	5495.60	113.08			75.29	3.53	34.26	0.00	Peak	121	353 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5697.40	98.63			60.70	3.59	34.34	0.00	Average	100	354 VERTICAL
2	5697.80	110.27			72.34	3.59	34.34	0.00	Peak	100	354 VERTICAL
3	5725.00	48.17	54.00	-5.83	10.23	3.60	34.34	0.00	Average	100	354 VERTICAL
4	5725.20	72.86	74.00	-1.14	34.92	3.60	34.34	0.00	Peak	100	354 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5256.40	120.87			83.56	3.46	33.85	0.00	Peak	100	354 VERTICAL
2	5264.00	108.60			71.26	3.46	33.88	0.00	Average	100	354 VERTICAL
3	5350.00	52.43	54.00	-1.57	14.91	3.49	34.03	0.00	Average	100	354 VERTICAL
4	5350.80	69.52	74.00	-4.48	32.00	3.49	34.03	0.00	Peak	100	354 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5317.60	97.57			60.12	3.48	33.97	0.00	Average	127	356 VERTICAL
2	5318.80	109.21			71.76	3.48	33.97	0.00	Peak	127	356 VERTICAL
3	5350.00	52.46	54.00	-1.54	14.94	3.49	34.03	0.00	Average	127	356 VERTICAL
4	5350.00	65.01	74.00	-8.99	27.49	3.49	34.03	0.00	Peak	127	356 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5460.00	47.82	54.00	-6.18	10.09	3.52	34.21	0.00 Average	134	356	VERTICAL
2	5460.00	62.71	74.00	-11.29	24.98	3.52	34.21	0.00 Peak	134	356	VERTICAL
3	5469.60	66.76	68.30	-1.54	29.00	3.52	34.24	0.00 Peak	134	356	VERTICAL
4	5505.20	110.49			72.67	3.54	34.28	0.00 Peak	134	356	VERTICAL
5	5518.80	98.56			60.72	3.54	34.30	0.00 Average	134	356	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5460.00	51.24	54.00	-2.76	13.51	3.52	34.21	0.00 Average	133	355	VERTICAL
2	5460.00	63.81	74.00	-10.19	26.08	3.52	34.21	0.00 Peak	133	355	VERTICAL
3	5470.00	52.29	54.00	-1.71	14.53	3.52	34.24	0.00 Average	133	355	VERTICAL
4	5470.00	63.13	74.00	-10.87	25.37	3.52	34.24	0.00 Peak	133	355	VERTICAL
5	5553.60	108.89			71.03	3.55	34.31	0.00 Average	133	355	VERTICAL
6	5556.80	120.93			83.07	3.55	34.31	0.00 Peak	133	355	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5659.20	116.75			78.83	3.59	34.33	0.00 Peak	115	353	VERTICAL
2	5682.80	104.68			66.76	3.59	34.33	0.00 Average	115	353	VERTICAL
3	5725.00	52.08	54.00	-1.92	14.14	3.60	34.34	0.00 Average	115	353	VERTICAL
4	5728.60	69.44	74.00	-4.56	31.50	3.60	34.34	0.00 Peak	115	353	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 VHT80 Ch 58, 106 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5146.00	56.18	74.00	-17.82	19.08	3.43	33.67	0.00	Peak	128	354 VERTICAL
2	5150.00	43.36	54.00	-10.64	6.26	3.43	33.67	0.00	Average	128	354 VERTICAL
3	5294.00	100.02			62.64	3.47	33.91	0.00	Peak	128	354 VERTICAL
4	5317.00	87.51			50.06	3.48	33.97	0.00	Average	128	354 VERTICAL
5	5350.00	52.71	54.00	-1.29	15.19	3.49	34.03	0.00	Average	128	354 VERTICAL
6	5350.00	65.75	74.00	-8.25	28.23	3.49	34.03	0.00	Peak	128	354 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	47.93	54.00	-6.07	10.20	3.52	34.21	0.00	Average	122	353 VERTICAL
2	5460.00	60.56	74.00	-13.44	22.83	3.52	34.21	0.00	Peak	122	353 VERTICAL
3	5470.00	66.74	68.30	-1.56	28.98	3.52	34.24	0.00	Peak	122	353 VERTICAL
4	5516.00	100.67			62.85	3.54	34.28	0.00	Peak	122	353 VERTICAL
5	5539.00	88.05			50.19	3.55	34.31	0.00	Average	122	353 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5265.13	123.32			85.98	3.46	33.88	0.00	Peak	131	184 VERTICAL
2	5265.77	112.24			74.90	3.46	33.88	0.00	Average	131	184 VERTICAL
3	5350.00	47.98	54.00	-6.02	10.46	3.49	34.03	0.00	Average	131	184 VERTICAL
4	5352.56	72.98	74.00	-1.02	35.46	3.49	34.03	0.00	Peak	131	184 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5248.88	72.93	74.00	-1.07	35.62	3.46	33.85	0.00	Peak	118	184 VERTICAL
2	5250.00	46.02	54.00	-7.98	8.71	3.46	33.85	0.00	Average	118	184 VERTICAL
3	5276.15	101.96			64.61	3.47	33.88	0.00	Average	118	184 VERTICAL
4	5276.31	113.30			75.95	3.47	33.88	0.00	Peak	118	184 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 MCS0 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.24	107.83			70.41	3.48	33.94	0.00	Average	117	188 VERTICAL
2	5303.21	119.22			81.80	3.48	33.94	0.00	Peak	117	188 VERTICAL
3	5350.00	46.43	54.00	-7.57	8.91	3.49	34.03	0.00	Average	117	188 VERTICAL
4	5350.32	72.83	74.00	-1.17	35.31	3.49	34.03	0.00	Peak	117	188 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5324.49	102.41			64.95	3.49	33.97	0.00	Average	117	194 VERTICAL
2	5324.49	114.03			76.57	3.49	33.97	0.00	Peak	117	194 VERTICAL
3	5350.00	46.16	54.00	-7.84	8.64	3.49	34.03	0.00	Average	117	194 VERTICAL
4	5352.24	72.57	74.00	-1.43	35.05	3.49	34.03	0.00	Peak	117	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 MCS0 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.84	69.36	74.00	-4.64	31.63	3.52	34.21	0.00	Peak	111	189	VERTICAL
2	5460.00	46.30	54.00	-7.70	8.57	3.52	34.21	0.00	Average	111	189	VERTICAL
3	5469.20	72.62	74.00	-1.38	34.86	3.52	34.24	0.00	Peak	111	189	VERTICAL
4	5470.00	46.71	54.00	-7.29	8.95	3.52	34.24	0.00	Average	111	189	VERTICAL
5	5493.27	103.04			65.25	3.53	34.26	0.00	Average	111	189	VERTICAL
6	5493.91	113.93			76.14	3.53	34.26	0.00	Peak	111	189	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5705.45	109.86			71.92	3.60	34.34	0.00	Peak	119	186	VERTICAL
2	5706.89	99.01			61.07	3.60	34.34	0.00	Average	119	186	VERTICAL
3	5725.00	44.57	54.00	-9.43	6.63	3.60	34.34	0.00	Average	119	186	VERTICAL
4	5726.60	72.97	74.00	-1.03	35.03	3.60	34.34	0.00	Peak	119	186	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 MCS0 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5267.76	121.04			83.70	3.46	33.88	0.00	Peak	119	186 VERTICAL
2	5268.40	109.26			71.92	3.46	33.88	0.00	Average	119	186 VERTICAL
3	5350.00	52.52	54.00	-1.48	15.00	3.49	34.03	0.00	Average	119	186 VERTICAL
4	5354.17	70.52	74.00	-3.48	33.00	3.49	34.03	0.00	Peak	119	186 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5308.40	98.94			61.52	3.48	33.94	0.00	Average	129	187 VERTICAL
2	5312.56	110.87			73.45	3.48	33.94	0.00	Peak	129	187 VERTICAL
3	5350.00	52.86	54.00	-1.14	15.34	3.49	34.03	0.00	Average	129	187 VERTICAL
4	5350.00	64.17	74.00	-9.83	26.65	3.49	34.03	0.00	Peak	129	187 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	64.28	74.00	-9.72	26.55	3.52	34.21	0.00 Peak	124	189	VERTICAL
2	5460.00	47.95	54.00	-6.05	10.22	3.52	34.21	0.00 Average	124	189	VERTICAL
3	5470.00	67.23	68.30	-1.07	29.47	3.52	34.24	0.00 Peak	124	189	VERTICAL
4	5513.85	101.06			63.24	3.54	34.28	0.00 Average	124	189	VERTICAL
5	5515.13	113.60			75.78	3.54	34.28	0.00 Peak	124	189	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	68.49	74.00	-5.51	30.76	3.52	34.21	0.00 Peak	100	187	VERTICAL
2	5460.00	51.50	54.00	-2.50	13.77	3.52	34.21	0.00 Average	100	187	VERTICAL
3	5468.08	69.86	74.00	-4.14	32.10	3.52	34.24	0.00 Peak	100	187	VERTICAL
4	5470.00	52.61	54.00	-1.39	14.85	3.52	34.24	0.00 Average	100	187	VERTICAL
5	5537.50	122.09			84.23	3.55	34.31	0.00 Peak	100	187	VERTICAL
6	5539.10	109.57			71.71	3.55	34.31	0.00 Average	100	187	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5683.78	117.44			79.52	3.59	34.33	0.00 Peak	118	191	VERTICAL
2	5685.06	105.92			68.00	3.59	34.33	0.00 Average	118	191	VERTICAL
3	5725.00	52.44	54.00	-1.56	14.50	3.60	34.34	0.00 Average	118	191	VERTICAL
4	5730.45	69.78	74.00	-4.22	31.83	3.61	34.34	0.00 Peak	118	191	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 MCS8 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5256.40	122.93			85.62	3.46	33.85	0.00	Peak	120	192 VERTICAL
2	5266.00	109.59			72.25	3.46	33.88	0.00	Average	120	192 VERTICAL
3	5350.00	48.44	54.00	-5.56	10.92	3.49	34.03	0.00	Average	120	192 VERTICAL
4	5351.60	72.72	74.00	-1.28	35.20	3.49	34.03	0.00	Peak	120	192 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.90	74.00	-1.10	35.59	3.46	33.85	0.00	Peak	118	189 VERTICAL
2	5250.00	46.95	54.00	-7.05	9.64	3.46	33.85	0.00	Average	118	189 VERTICAL
3	5274.60	100.26			62.91	3.47	33.88	0.00	Average	118	189 VERTICAL
4	5277.00	113.43			76.08	3.47	33.88	0.00	Peak	118	189 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 MCS8 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5293.60	105.02			67.64	3.47	33.91	0.00	Average	119	187 VERTICAL
2	5294.80	118.84			81.46	3.47	33.91	0.00	Peak	119	187 VERTICAL
3	5350.00	47.13	54.00	-6.87	9.61	3.49	34.03	0.00	Average	119	187 VERTICAL
4	5350.00	72.98	74.00	-1.02	35.46	3.49	34.03	0.00	Peak	119	187 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5315.20	114.05			76.60	3.48	33.97	0.00	Peak	129	182 VERTICAL
2	5327.20	101.22			63.76	3.49	33.97	0.00	Average	129	182 VERTICAL
3	5350.00	48.02	54.00	-5.98	10.50	3.49	34.03	0.00	Average	129	182 VERTICAL
4	5356.80	72.93	74.00	-1.07	35.41	3.49	34.03	0.00	Peak	129	182 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 MCS8 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5455.20	68.19	74.00	-5.81	30.46	3.52	34.21	0.00	Peak	122	188 VERTICAL
2	5460.00	47.12	54.00	-6.88	9.39	3.52	34.21	0.00	Average	122	188 VERTICAL
3	5470.00	47.60	54.00	-6.40	9.84	3.52	34.24	0.00	Average	122	188 VERTICAL
4	5470.00	72.58	74.00	-1.42	34.82	3.52	34.24	0.00	Peak	122	188 VERTICAL
5	5494.40	114.21			76.42	3.53	34.26	0.00	Peak	122	188 VERTICAL
6	5496.00	101.28			63.49	3.53	34.26	0.00	Average	122	188 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5694.00	96.81			58.88	3.59	34.34	0.00	Average	121	186 VERTICAL
2	5697.60	110.90			72.97	3.59	34.34	0.00	Peak	121	186 VERTICAL
3	5725.00	45.69	54.00	-8.31	7.75	3.60	34.34	0.00	Average	121	186 VERTICAL
4	5725.60	72.97	74.00	-1.03	35.03	3.60	34.34	0.00	Peak	121	186 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 MCS8 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5276.80	105.57			68.22	3.47	33.88	0.00	Average	117	180 VERTICAL
2	5278.40	120.10			82.75	3.47	33.88	0.00	Peak	117	180 VERTICAL
3	5350.00	52.74	54.00	-1.26	15.22	3.49	34.03	0.00	Average	117	180 VERTICAL
4	5350.00	65.43	74.00	-8.57	27.91	3.49	34.03	0.00	Peak	117	180 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5313.20	111.64			74.22	3.48	33.94	0.00	Peak	118	190 VERTICAL
2	5313.60	96.44			59.02	3.48	33.94	0.00	Average	118	190 VERTICAL
3	5350.00	52.94	54.00	-1.06	15.42	3.49	34.03	0.00	Average	118	190 VERTICAL
4	5350.00	64.85	74.00	-9.15	27.33	3.49	34.03	0.00	Peak	118	190 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	47.93	54.00	-6.07	10.20	3.52	34.21	0.00 Average	110	189	VERTICAL
2	5460.00	60.73	74.00	-13.27	23.00	3.52	34.21	0.00 Peak	110	189	VERTICAL
3	5469.60	67.18	68.30	-1.12	29.42	3.52	34.24	0.00 Peak	110	189	VERTICAL
4	5522.40	98.22			60.38	3.54	34.30	0.00 Average	110	189	VERTICAL
5	5522.40	113.59			75.75	3.54	34.30	0.00 Peak	110	189	VERTICAL

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

Channel 110

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	66.96	74.00	-7.04	29.23	3.52	34.21	0.00 Peak	113	188	VERTICAL
2	5460.00	51.32	54.00	-2.68	13.59	3.52	34.21	0.00 Average	113	188	VERTICAL
3	5470.00	67.08	68.30	-1.22	29.32	3.52	34.24	0.00 Peak	113	188	VERTICAL
4	5537.20	121.72			83.86	3.55	34.31	0.00 Peak	113	188	VERTICAL
5	5543.20	107.04			69.18	3.55	34.31	0.00 Average	113	188	VERTICAL

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

Channel 134

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5676.80	117.74			79.82	3.59	34.33	0.00 Peak	107	187	VERTICAL
2	5682.00	103.52			65.60	3.59	34.33	0.00 Average	107	187	VERTICAL
3	5725.00	52.98	54.00	-1.02	15.04	3.60	34.34	0.00 Average	107	187	VERTICAL
4	5725.00	67.63	74.00	-6.37	29.69	3.60	34.34	0.00 Peak	107	187	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5263.85	124.99			87.65	3.46	33.88	0.00	Peak	132	183 VERTICAL
2	5264.49	113.67			76.33	3.46	33.88	0.00	Average	132	183 VERTICAL
3	5350.00	48.30	54.00	-5.70	10.78	3.49	34.03	0.00	Average	132	183 VERTICAL
4	5356.09	72.51	74.00	-1.49	34.99	3.49	34.03	0.00	Peak	132	183 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5248.24	72.87	74.00	-1.13	35.56	3.46	33.85	0.00	Peak	118	184 VERTICAL
2	5250.00	46.10	54.00	-7.90	8.79	3.46	33.85	0.00	Average	118	184 VERTICAL
3	5276.47	101.94			64.59	3.47	33.88	0.00	Average	118	184 VERTICAL
4	5276.96	113.03			75.68	3.47	33.88	0.00	Peak	118	184 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	5305.20	118.41			80.99	3.48	33.94	0.00 Peak	116	190	VERTICAL
2	5306.80	107.01			69.59	3.48	33.94	0.00 Average	116	190	VERTICAL
3	5350.00	48.31	54.00	-5.69	10.79	3.49	34.03	0.00 Average	116	190	VERTICAL
4	5353.60	72.80	74.00	-1.20	35.28	3.49	34.03	0.00 Peak	116	190	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss Factor	Factor	Remark	cm	deg	Pol/Phase
1	5326.40	103.51			66.05	3.49	33.97	0.00 Average	115	190	VERTICAL
2	5326.40	114.37			76.91	3.49	33.97	0.00 Peak	115	190	VERTICAL
3	5350.00	48.22	54.00	-5.78	10.70	3.49	34.03	0.00 Average	115	190	VERTICAL
4	5357.60	72.60	74.00	-1.40	35.08	3.49	34.03	0.00 Peak	115	190	VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5458.00	68.40	74.00	-5.60	30.67	3.52	34.21	0.00 Peak	113	189	VERTICAL
2	5460.00	47.93	54.00	-6.07	10.20	3.52	34.21	0.00 Average	113	189	VERTICAL
3	5468.00	72.87	74.00	-1.13	35.11	3.52	34.24	0.00 Peak	113	189	VERTICAL
4	5470.00	48.39	54.00	-5.61	10.63	3.52	34.24	0.00 Average	113	189	VERTICAL
5	5492.40	104.00			66.21	3.53	34.26	0.00 Average	113	189	VERTICAL
6	5492.80	114.97			77.18	3.53	34.26	0.00 Peak	113	189	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5705.40	109.13			71.19	3.60	34.34	0.00 Peak	131	187	VERTICAL
2	5707.80	98.37			60.43	3.60	34.34	0.00 Average	131	187	VERTICAL
3	5725.00	45.83	54.00	-8.17	7.89	3.60	34.34	0.00 Average	131	187	VERTICAL
4	5727.00	72.62	74.00	-1.38	34.68	3.60	34.34	0.00 Peak	131	187	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5272.00	108.42			71.07	3.47	33.88	0.00	Average	128	188 VERTICAL
2	5272.00	120.65			83.30	3.47	33.88	0.00	Peak	128	188 VERTICAL
3	5350.00	52.86	54.00	-1.14	15.34	3.49	34.03	0.00	Average	128	188 VERTICAL
4	5350.00	65.71	74.00	-8.29	28.19	3.49	34.03	0.00	Peak	128	188 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5311.60	109.55			72.13	3.48	33.94	0.00	Peak	128	187 VERTICAL
2	5312.40	98.11			60.69	3.48	33.94	0.00	Average	128	187 VERTICAL
3	5350.00	52.59	54.00	-1.41	15.07	3.49	34.03	0.00	Average	128	187 VERTICAL
4	5350.00	64.96	74.00	-9.04	27.44	3.49	34.03	0.00	Peak	128	187 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5460.00	47.89	54.00	-6.11	10.16	3.52	34.21	0.00	Average	121	189	VERTICAL
2	5460.00	60.69	74.00	-13.31	22.96	3.52	34.21	0.00	Peak	121	189	VERTICAL
3	5470.00	53.17	68.30	-15.13	15.41	3.52	34.24	0.00	Average	121	189	VERTICAL
4	5470.00	67.03	68.30	-1.27	29.27	3.52	34.24	0.00	Peak	121	189	VERTICAL
5	5513.20	113.24			75.42	3.54	34.28	0.00	Peak	121	189	VERTICAL
6	5513.60	101.52			63.70	3.54	34.28	0.00	Average	121	189	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5460.00	50.89	54.00	-3.11	13.16	3.52	34.21	0.00	Average	124	190	VERTICAL
2	5460.00	62.94	74.00	-11.06	25.21	3.52	34.21	0.00	Peak	124	190	VERTICAL
3	5468.00	67.40	74.00	-6.60	29.64	3.52	34.24	0.00	Peak	124	190	VERTICAL
4	5470.00	52.69	54.00	-1.31	14.93	3.52	34.24	0.00	Average	124	190	VERTICAL
5	5533.20	122.45			84.60	3.55	34.30	0.00	Peak	124	190	VERTICAL
6	5536.00	110.50			72.64	3.55	34.31	0.00	Average	124	190	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5653.20	118.04			80.13	3.58	34.33	0.00	Peak	118	187	VERTICAL
2	5672.40	106.21			68.29	3.59	34.33	0.00	Average	118	187	VERTICAL
3	5725.00	52.75	54.00	-1.25	14.81	3.60	34.34	0.00	Average	118	187	VERTICAL
4	5725.40	67.71	74.00	-6.29	29.77	3.60	34.34	0.00	Peak	118	187	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 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor			cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5279.00	101.39			64.04	3.47	33.88	0.00	Peak	100	2 VERTICAL
2	5308.00	88.33			50.91	3.48	33.94	0.00	Average	100	2 VERTICAL
3	5350.00	52.95	54.00	-1.05	15.43	3.49	34.03	0.00	Average	100	2 VERTICAL
4	5350.00	65.81	74.00	-8.19	28.29	3.49	34.03	0.00	Peak	100	2 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor			cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5456.00	46.69	54.00	-7.31	8.96	3.52	34.21	0.00	Average	120	357 VERTICAL
2	5456.00	59.64	74.00	-14.36	21.91	3.52	34.21	0.00	Peak	120	357 VERTICAL
3	5470.00	67.17	68.30	-1.13	29.41	3.52	34.24	0.00	Peak	120	357 VERTICAL
4	5514.00	102.77			64.95	3.54	34.28	0.00	Peak	120	357 VERTICAL
5	5555.00	90.70			52.84	3.55	34.31	0.00	Average	120	357 VERTICAL

Item 4, 5 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5148.80	66.58	74.00	-7.42	29.48	3.43	33.67	0.00 Peak	100	356	VERTICAL
2	5150.00	46.46	54.00	-7.54	9.36	3.43	33.67	0.00 Average	100	356	VERTICAL
3	5263.00	122.66			85.32	3.46	33.88	0.00 Peak	100	356	VERTICAL
4	5266.60	110.12			72.78	3.46	33.88	0.00 Average	100	356	VERTICAL
5	5350.00	48.45	54.00	-5.55	10.93	3.49	34.03	0.00 Average	100	356	VERTICAL
6	5354.80	72.82	74.00	-1.18	35.30	3.49	34.03	0.00 Peak	100	356	VERTICAL

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

Channel 56

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5248.00	72.61	74.00	-1.39	35.30	3.46	33.85	0.00 Peak	129	188	VERTICAL
2	5250.00	46.39	54.00	-7.61	9.08	3.46	33.85	0.00 Average	129	188	VERTICAL
3	5275.40	112.85			75.50	3.47	33.88	0.00 Peak	129	188	VERTICAL
4	5277.60	100.51			63.16	3.47	33.88	0.00 Average	129	188	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.00	105.98			68.56	3.48	33.94	0.00	Average	100	358 VERTICAL
2	5305.20	118.19			80.77	3.48	33.94	0.00	Peak	100	358 VERTICAL
3	5350.00	47.14	54.00	-6.86	9.62	3.49	34.03	0.00	Average	100	358 VERTICAL
4	5350.40	72.87	74.00	-1.13	35.35	3.49	34.03	0.00	Peak	100	358 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5322.00	114.66			77.21	3.48	33.97	0.00	Peak	100	359 VERTICAL
2	5322.20	101.80			64.35	3.48	33.97	0.00	Average	100	359 VERTICAL
3	5350.00	47.17	54.00	-6.83	9.65	3.49	34.03	0.00	Average	100	359 VERTICAL
4	5351.20	72.88	74.00	-1.12	35.36	3.49	34.03	0.00	Peak	100	359 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	70.32	74.00	-3.68	32.59	3.52	34.21	0.00 Peak	107	360	VERTICAL
2	5460.00	47.27	54.00	-6.73	9.54	3.52	34.21	0.00 Average	107	360	VERTICAL
3	5468.40	72.95	74.00	-1.05	35.19	3.52	34.24	0.00 Peak	107	360	VERTICAL
4	5470.00	47.74	54.00	-6.26	9.98	3.52	34.24	0.00 Average	107	360	VERTICAL
5	5493.00	113.68			75.89	3.53	34.26	0.00 Peak	107	360	VERTICAL
6	5493.20	101.36			63.57	3.53	34.26	0.00 Average	107	360	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	98.51			60.58	3.59	34.34	0.00 Average	103	1	VERTICAL
2	5706.60	110.91			72.97	3.60	34.34	0.00 Peak	103	1	VERTICAL
3	5725.00	46.25	54.00	-7.75	8.31	3.60	34.34	0.00 Average	103	1	VERTICAL
4	5725.00	72.25	74.00	-1.75	34.31	3.60	34.34	0.00 Peak	103	1	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5262.00	120.12			82.81	3.46	33.85	0.00	Peak	100	360 VERTICAL
2	5262.40	106.26			68.95	3.46	33.85	0.00	Average	100	360 VERTICAL
3	5350.00	52.50	54.00	-1.50	14.98	3.49	34.03	0.00	Average	100	360 VERTICAL
4	5350.00	65.78	74.00	-8.22	28.26	3.49	34.03	0.00	Peak	100	360 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.00	96.90			59.48	3.48	33.94	0.00	Average	100	360 VERTICAL
2	5322.40	111.06			73.60	3.49	33.97	0.00	Peak	100	360 VERTICAL
3	5350.00	52.61	54.00	-1.39	15.09	3.49	34.03	0.00	Average	100	360 VERTICAL
4	5350.00	64.50	74.00	-9.50	26.98	3.49	34.03	0.00	Peak	100	360 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5460.00	48.52	54.00	-5.48	10.79	3.52	34.21	0.00	Average	120	1 VERTICAL
2	5460.00	60.18	74.00	-13.82	22.45	3.52	34.21	0.00	Peak	120	1 VERTICAL
3	5470.00	66.64	68.30	-1.66	28.88	3.52	34.24	0.00	Peak	120	1 VERTICAL
4	5514.40	113.20			75.38	3.54	34.28	0.00	Peak	120	1 VERTICAL
5	5518.00	99.11			61.29	3.54	34.28	0.00	Average	120	1 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5460.00	51.23	54.00	-2.77	13.50	3.52	34.21	0.00	Average	122	360 VERTICAL
2	5460.00	69.01	74.00	-4.99	31.28	3.52	34.21	0.00	Peak	122	360 VERTICAL
3	5470.00	52.83	54.00	-1.17	15.07	3.52	34.24	0.00	Average	122	360 VERTICAL
4	5470.00	64.86	74.00	-9.14	27.10	3.52	34.24	0.00	Peak	122	360 VERTICAL
5	5544.80	121.94			84.08	3.55	34.31	0.00	Peak	122	360 VERTICAL
6	5553.60	107.21			69.35	3.55	34.31	0.00	Average	122	360 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5653.20	103.95			66.04	3.58	34.33	0.00	Average	103	10 VERTICAL
2	5660.00	117.78			79.86	3.59	34.33	0.00	Peak	103	10 VERTICAL
3	5725.00	52.89	54.00	-1.11	14.95	3.60	34.34	0.00	Average	103	10 VERTICAL
4	5725.40	69.04	74.00	-4.96	31.10	3.60	34.34	0.00	Peak	103	10 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/Nss2 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	42.56	54.00	-11.44	5.46	3.43	33.67	0.00	Average	100	360 VERTICAL
2	5150.00	53.82	74.00	-20.18	16.72	3.43	33.67	0.00	Peak	100	360 VERTICAL
3	5313.00	87.58			50.16	3.48	33.94	0.00	Average	100	360 VERTICAL
4	5317.00	102.19			64.74	3.48	33.97	0.00	Peak	100	360 VERTICAL
5	5350.00	52.82	54.00	-1.18	15.30	3.49	34.03	0.00	Average	100	360 VERTICAL
6	5350.00	65.26	74.00	-8.74	27.74	3.49	34.03	0.00	Peak	100	360 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	47.57	54.00	-6.43	9.84	3.52	34.21	0.00	Average	121	360 VERTICAL
2	5460.00	60.41	74.00	-13.59	22.68	3.52	34.21	0.00	Peak	121	360 VERTICAL
3	5469.00	66.72	68.30	-1.58	28.96	3.52	34.24	0.00	Peak	121	360 VERTICAL
4	5519.00	104.28			66.44	3.54	34.30	0.00	Peak	121	360 VERTICAL
5	5542.00	88.25			50.39	3.55	34.31	0.00	Average	121	360 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch52, 56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	49.09	54.00	-4.91	11.99	3.43	33.67	0.00	Average	100	354 VERTICAL
2	5150.00	68.43	74.00	-5.57	31.33	3.43	33.67	0.00	Peak	100	354 VERTICAL
3	5254.60	113.38			76.07	3.46	33.85	0.00	Average	100	354 VERTICAL
4	5261.80	125.09			87.78	3.46	33.85	0.00	Peak	100	354 VERTICAL
5	5350.60	50.40	54.00	-3.60	12.88	3.49	34.03	0.00	Average	100	354 VERTICAL
6	5353.60	72.80	74.00	-1.20	35.28	3.49	34.03	0.00	Peak	100	354 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.36	72.82	74.00	-1.18	35.51	3.46	33.85	0.00	Peak	100	177 VERTICAL
2	5250.00	44.35	54.00	-9.65	7.04	3.46	33.85	0.00	Average	100	177 VERTICAL
3	5274.71	101.33			63.98	3.47	33.88	0.00	Average	100	177 VERTICAL
4	5278.40	112.30			74.95	3.47	33.88	0.00	Peak	100	177 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5296.00	106.33			68.95	3.47	33.91	0.00 Average	115	356	VERTICAL
2	5296.00	117.68			80.30	3.47	33.91	0.00 Peak	115	356	VERTICAL
3	5350.00	46.69	54.00	-7.31	9.17	3.49	34.03	0.00 Average	115	356	VERTICAL
4	5350.40	72.86	74.00	-1.14	35.34	3.49	34.03	0.00 Peak	115	356	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5313.40	112.63			75.21	3.48	33.94	0.00 Peak	127	355	VERTICAL
2	5314.60	101.44			63.99	3.48	33.97	0.00 Average	127	355	VERTICAL
3	5350.00	46.83	54.00	-7.17	9.31	3.49	34.03	0.00 Average	127	355	VERTICAL
4	5350.00	72.75	74.00	-1.25	35.23	3.49	34.03	0.00 Peak	127	355	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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5460.00	46.91	54.00	-7.09	9.18	3.52	34.21	0.00	Average	121	357 VERTICAL
2	5460.00	70.40	74.00	-3.60	32.67	3.52	34.21	0.00	Peak	121	357 VERTICAL
3	5469.80	72.59	74.00	-1.41	34.83	3.52	34.24	0.00	Peak	121	357 VERTICAL
4	5470.00	47.39	54.00	-6.61	9.63	3.52	34.24	0.00	Average	121	357 VERTICAL
5	5496.20	114.07			76.28	3.53	34.26	0.00	Peak	121	357 VERTICAL
6	5504.40	102.80			64.98	3.54	34.28	0.00	Average	121	357 VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5695.00	110.57			72.64	3.59	34.34	0.00	Peak	100	354 VERTICAL
2	5697.60	99.54			61.61	3.59	34.34	0.00	Average	100	354 VERTICAL
3	5725.00	48.15	54.00	-5.85	10.21	3.60	34.34	0.00	Average	100	354 VERTICAL
4	5726.00	72.90	74.00	-1.10	34.96	3.60	34.34	0.00	Peak	100	354 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11a Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5252.40	125.16			87.85	3.46	33.85	0.00	Peak	100	354 VERTICAL
2	5262.00	114.10			76.79	3.46	33.85	0.00	Average	100	354 VERTICAL
3	5350.00	50.10	54.00	-3.90	12.58	3.49	34.03	0.00	Average	100	354 VERTICAL
4	5352.00	72.99	74.00	-1.01	35.47	3.49	34.03	0.00	Peak	100	354 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5248.72	72.68	74.00	-1.32	35.37	3.46	33.85	0.00	Peak	118	186 VERTICAL
2	5250.00	46.05	54.00	-7.95	8.74	3.46	33.85	0.00	Average	118	186 VERTICAL
3	5274.87	102.29			64.94	3.47	33.88	0.00	Average	118	186 VERTICAL
4	5275.03	113.42			76.07	3.47	33.88	0.00	Peak	118	186 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5296.40	108.55			71.17	3.47	33.91	0.00	Average	115	356 VERTICAL
2	5301.20	119.74			82.32	3.48	33.94	0.00	Peak	115	356 VERTICAL
3	5350.00	47.87	54.00	-6.13	10.35	3.49	34.03	0.00	Average	115	356 VERTICAL
4	5354.00	72.96	74.00	-1.04	35.44	3.49	34.03	0.00	Peak	115	356 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5316.40	114.85			77.40	3.48	33.97	0.00	Peak	117	354 VERTICAL
2	5316.80	103.34			65.89	3.48	33.97	0.00	Average	117	354 VERTICAL
3	5350.00	46.29	54.00	-7.71	8.77	3.49	34.03	0.00	Average	117	354 VERTICAL
4	5350.00	72.96	74.00	-1.04	35.44	3.49	34.03	0.00	Peak	117	354 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	71.32	74.00	-2.68	33.59	3.52	34.21	0.00	Peak	123	356	VERTICAL
2	5460.00	48.80	54.00	-5.20	11.07	3.52	34.21	0.00	Average	123	356	VERTICAL
3	5468.00	72.91	74.00	-1.09	35.15	3.52	34.24	0.00	Peak	123	356	VERTICAL
4	5470.00	48.94	54.00	-5.06	11.18	3.52	34.24	0.00	Average	123	356	VERTICAL
5	5503.80	115.99			78.17	3.54	34.28	0.00	Peak	123	356	VERTICAL
6	5504.00	104.75			66.93	3.54	34.28	0.00	Average	123	356	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5697.20	111.37			73.44	3.59	34.34	0.00	Peak	100	352	VERTICAL
2	5697.80	100.00			62.07	3.59	34.34	0.00	Average	100	352	VERTICAL
3	5725.00	45.64	54.00	-8.36	7.70	3.60	34.34	0.00	Average	100	352	VERTICAL
4	5727.40	72.98	74.00	-1.02	35.04	3.60	34.34	0.00	Peak	100	352	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	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5254.55	106.11			68.80	3.46	33.85	0.00	Average	100	0 VERTICAL
2	5261.60	117.00			79.69	3.46	33.85	0.00	Peak	100	0 VERTICAL
3	5350.00	43.49	54.00	-10.51	5.97	3.49	34.03	0.00	Average	100	0 VERTICAL
4	5355.77	63.98	74.00	-10.02	26.46	3.49	34.03	0.00	Peak	100	0 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.40	72.77	74.00	-1.23	35.46	3.46	33.85	0.00	Peak	128	347 VERTICAL
2	5250.00	46.56	54.00	-7.44	9.25	3.46	33.85	0.00	Average	128	347 VERTICAL
3	5274.80	101.87			64.52	3.47	33.88	0.00	Average	128	347 VERTICAL
4	5276.00	115.02			77.67	3.47	33.88	0.00	Peak	128	347 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 MCS0 HT20 Ch60, 64 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5294.87	106.98			69.60	3.47	33.91	0.00	Average	111	0 VERTICAL
2	5294.87	117.70			80.32	3.47	33.91	0.00	Peak	111	0 VERTICAL
3	5350.00	46.56	54.00	-7.44	9.04	3.49	34.03	0.00	Average	111	0 VERTICAL
4	5352.24	72.11	74.00	-1.89	34.59	3.49	34.03	0.00	Peak	111	0 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5323.53	112.68			75.22	3.49	33.97	0.00	Peak	108	1 HORIZONTAL
2	5325.93	101.49			64.03	3.49	33.97	0.00	Average	108	1 HORIZONTAL
3	5350.00	44.37	54.00	-9.63	6.85	3.49	34.03	0.00	Average	108	1 HORIZONTAL
4	5350.48	72.49	74.00	-1.51	34.97	3.49	34.03	0.00	Peak	108	1 HORIZONTAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch 100, 140 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	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	70.08	74.00	-3.92	32.35	3.52	34.21	0.00 Peak	116	5	VERTICAL
2	5460.00	43.68	54.00	-10.32	5.95	3.52	34.21	0.00 Average	116	5	VERTICAL
3	5468.72	72.47	74.00	-1.53	34.71	3.52	34.24	0.00 Peak	116	5	VERTICAL
4	5470.00	46.04	54.00	-7.96	8.28	3.52	34.24	0.00 Average	116	5	VERTICAL
5	5493.75	102.65			64.86	3.53	34.26	0.00 Average	116	5	VERTICAL
6	5496.15	114.04			76.25	3.53	34.26	0.00 Peak	116	5	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5692.05	110.35			72.42	3.59	34.34	0.00 Peak	123	5	VERTICAL
2	5692.79	99.02			61.09	3.59	34.34	0.00 Average	123	5	VERTICAL
3	5725.00	45.16	54.00	-8.84	7.22	3.60	34.34	0.00 Average	123	5	VERTICAL
4	5725.32	72.99	74.00	-1.01	35.05	3.60	34.34	0.00 Peak	123	5	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 MCS0 HT40 Ch 54, 62 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5277.37	112.73			75.38	3.47	33.88	0.00	Peak	112	13 VERTICAL
2	5278.97	102.59			65.24	3.47	33.88	0.00	Average	112	13 VERTICAL
3	5350.00	47.24	54.00	-6.76	9.72	3.49	34.03	0.00	Average	112	13 VERTICAL
4	5350.00	61.89	74.00	-12.11	24.37	3.49	34.03	0.00	Peak	112	13 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5311.92	95.71			58.29	3.48	33.94	0.00	Average	110	11 VERTICAL
2	5312.24	106.85			69.43	3.48	33.94	0.00	Peak	110	11 VERTICAL
3	5350.00	52.53	54.00	-1.47	15.01	3.49	34.03	0.00	Average	110	11 VERTICAL
4	5350.00	65.20	74.00	-8.80	27.68	3.49	34.03	0.00	Peak	110	11 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5454.87	63.44	74.00	-10.56	25.71	3.52	34.21	0.00	Peak	116	10 VERTICAL
2	5460.00	46.20	54.00	-7.80	8.47	3.52	34.21	0.00	Average	116	10 VERTICAL
3	5470.00	67.05	68.30	-1.25	29.29	3.52	34.24	0.00	Peak	116	10 VERTICAL
4	5496.22	109.83			72.04	3.53	34.26	0.00	Peak	116	10 VERTICAL
5	5497.50	98.16			60.37	3.53	34.26	0.00	Average	116	10 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5458.72	61.95	74.00	-12.05	24.22	3.52	34.21	0.00	Peak	124	13 VERTICAL
2	5460.00	46.86	54.00	-7.14	9.13	3.52	34.21	0.00	Average	124	13 VERTICAL
3	5460.64	62.79	68.30	-5.51	25.06	3.52	34.21	0.00	Peak	124	13 VERTICAL
4	5545.51	114.02			76.16	3.55	34.31	0.00	Peak	124	13 VERTICAL
5	5555.45	101.53			63.67	3.55	34.31	0.00	Average	124	13 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5658.14	102.72			64.80	3.59	34.33	0.00	Average	123	17 VERTICAL
2	5659.69	113.78			75.86	3.59	34.33	0.00	Peak	123	17 VERTICAL
3	5727.56	66.89	68.30	-1.41	28.95	3.60	34.34	0.00	Peak	123	17 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5253.91	106.78			69.47	3.46	33.85	0.00	Average	100	8 VERTICAL
2	5258.40	116.81			79.50	3.46	33.85	0.00	Peak	100	8 VERTICAL
3	5350.00	44.26	54.00	-9.74	6.74	3.49	34.03	0.00	Average	100	8 VERTICAL
4	5354.17	64.58	74.00	-9.42	27.06	3.49	34.03	0.00	Peak	100	8 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.79	74.00	-1.21	35.48	3.46	33.85	0.00	Peak	115	348 VERTICAL
2	5250.00	46.30	54.00	-7.70	8.99	3.46	33.85	0.00	Average	115	348 VERTICAL
3	5283.40	114.30			76.92	3.47	33.91	0.00	Peak	115	348 VERTICAL
4	5283.80	101.44			64.06	3.47	33.91	0.00	Average	115	348 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5296.15	106.63			69.25	3.47	33.91	0.00	Average	122	10 VERTICAL
2	5296.15	117.98			80.60	3.47	33.91	0.00	Peak	122	10 VERTICAL
3	5350.00	46.99	54.00	-7.01	9.47	3.49	34.03	0.00	Average	122	10 VERTICAL
4	5350.00	72.32	74.00	-1.68	34.80	3.49	34.03	0.00	Peak	122	10 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5325.93	102.38			64.92	3.49	33.97	0.00	Average	109	9 VERTICAL
2	5326.25	113.23			75.77	3.49	33.97	0.00	Peak	109	9 VERTICAL
3	5350.00	44.78	54.00	-9.22	7.26	3.49	34.03	0.00	Average	109	9 VERTICAL
4	5351.12	72.76	74.00	-1.24	35.24	3.49	34.03	0.00	Peak	109	9 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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5459.36	70.10	74.00	-3.90	32.37	3.52	34.21	0.00 Peak	116	11	VERTICAL
2	5460.00	42.27	54.00	-11.73	4.54	3.52	34.21	0.00 Average	116	11	VERTICAL
3	5467.76	72.85	74.00	-1.15	35.09	3.52	34.24	0.00 Peak	116	11	VERTICAL
4	5470.00	44.85	54.00	-9.15	7.09	3.52	34.24	0.00 Average	116	11	VERTICAL
5	5494.23	112.20			74.41	3.53	34.26	0.00 Peak	116	11	VERTICAL
6	5494.71	101.07			63.28	3.53	34.26	0.00 Average	116	11	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5693.75	99.35			61.42	3.59	34.34	0.00 Average	112	2	VERTICAL
2	5695.99	110.01			72.08	3.59	34.34	0.00 Peak	112	2	VERTICAL
3	5725.00	46.25	54.00	-7.75	8.31	3.60	34.34	0.00 Average	112	2	VERTICAL
4	5726.92	72.58	74.00	-1.42	34.64	3.60	34.34	0.00 Peak	112	2	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 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5277.69	113.94			76.59	3.47	33.88	0.00	Peak	109	13 VERTICAL
2	5280.26	103.28			65.90	3.47	33.91	0.00	Average	109	13 VERTICAL
3	5350.00	48.59	54.00	-5.41	11.07	3.49	34.03	0.00	Average	109	13 VERTICAL
4	5352.89	61.15	74.00	-12.85	23.63	3.49	34.03	0.00	Peak	109	13 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5312.24	96.14			58.72	3.48	33.94	0.00	Average	109	11 VERTICAL
2	5313.85	106.70			69.25	3.48	33.97	0.00	Peak	109	11 VERTICAL
3	5350.00	52.43	54.00	-1.57	14.91	3.49	34.03	0.00	Average	109	11 VERTICAL
4	5350.00	66.71	74.00	-7.29	29.19	3.49	34.03	0.00	Peak	109	11 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5457.44	63.69	74.00	-10.31	25.96	3.52	34.21	0.00	Peak	115	12 VERTICAL
2	5460.00	47.33	54.00	-6.67	9.60	3.52	34.21	0.00	Average	115	12 VERTICAL
3	5469.36	66.99	68.30	-1.31	29.23	3.52	34.24	0.00	Peak	115	12 VERTICAL
4	5495.58	109.77			71.98	3.53	34.26	0.00	Peak	115	12 VERTICAL
5	5497.18	97.91			60.12	3.53	34.26	0.00	Average	115	12 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5459.04	59.06	74.00	-14.94	21.33	3.52	34.21	0.00	Peak	115	13 VERTICAL
2	5460.00	46.42	54.00	-7.58	8.69	3.52	34.21	0.00	Average	115	13 VERTICAL
3	5462.63	62.81	68.30	-5.49	25.08	3.52	34.21	0.00	Peak	115	13 VERTICAL
4	5555.13	101.76			63.90	3.55	34.31	0.00	Average	115	13 VERTICAL
5	5560.90	112.98			75.12	3.55	34.31	0.00	Peak	115	13 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5678.33	102.37			64.45	3.59	34.33	0.00	Average	124	2 VERTICAL
2	5680.58	114.17			76.25	3.59	34.33	0.00	Peak	124	2 VERTICAL
3	5725.00	66.79	68.30	-1.51	28.85	3.60	34.34	0.00	Peak	124	2 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 VHT80 Ch 58, 106 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5307.63	99.18			61.76	3.48	33.94	0.00	Peak	109	12 VERTICAL
2	5313.24	87.09			49.67	3.48	33.94	0.00	Average	109	12 VERTICAL
3	5350.00	52.21	54.00	-1.79	14.69	3.49	34.03	0.00	Average	109	12 VERTICAL
4	5350.00	65.99	74.00	-8.01	28.47	3.49	34.03	0.00	Peak	109	12 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	47.11	54.00	-6.89	9.38	3.52	34.21	0.00	Average	114	15 VERTICAL
2	5460.00	60.82	74.00	-13.18	23.09	3.52	34.21	0.00	Peak	114	15 VERTICAL
3	5470.00	52.77	54.00	-1.23	15.01	3.52	34.24	0.00	Average	114	15 VERTICAL
4	5470.00	68.49	74.00	-5.51	30.73	3.52	34.24	0.00	Peak	114	15 VERTICAL
5	5553.24	88.87			51.01	3.55	34.31	0.00	Average	114	15 VERTICAL
6	5554.84	100.47			62.61	3.55	34.31	0.00	Peak	114	15 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5254.87	111.36			74.05	3.46	33.85	0.00	Average	112	348 VERTICAL
2	5265.13	123.62			86.28	3.46	33.88	0.00	Peak	112	348 VERTICAL
3	5350.32	46.05	54.00	-7.95	8.53	3.49	34.03	0.00	Average	112	348 VERTICAL
4	5350.96	69.36	74.00	-4.64	31.84	3.49	34.03	0.00	Peak	112	348 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.92	74.00	-1.08	35.61	3.46	33.85	0.00	Peak	118	353 VERTICAL
2	5250.00	43.75	54.00	-10.25	6.44	3.46	33.85	0.00	Average	118	353 VERTICAL
3	5283.80	116.23			78.85	3.47	33.91	0.00	Peak	118	353 VERTICAL
4	5284.60	104.11			66.73	3.47	33.91	0.00	Average	118	353 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 MCS0 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5303.21	120.10			82.68	3.48	33.94	0.00	Peak	124	357 VERTICAL
2	5305.13	107.50			70.08	3.48	33.94	0.00	Average	124	357 VERTICAL
3	5350.00	44.61	54.00	-9.39	7.09	3.49	34.03	0.00	Average	124	357 VERTICAL
4	5350.64	72.74	74.00	-1.26	35.22	3.49	34.03	0.00	Peak	124	357 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5316.31	102.36			64.91	3.48	33.97	0.00	Average	129	352 VERTICAL
2	5316.31	114.72			77.27	3.48	33.97	0.00	Peak	129	352 VERTICAL
3	5350.00	43.26	54.00	-10.74	5.74	3.49	34.03	0.00	Average	129	352 VERTICAL
4	5350.32	72.81	74.00	-1.19	35.29	3.49	34.03	0.00	Peak	129	352 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 MCS0 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5458.24	42.21	54.00	-11.79	4.48	3.52	34.21	0.00	Average	146	343	VERTICAL
2	5458.88	69.81	74.00	-4.19	32.08	3.52	34.21	0.00	Peak	146	343	VERTICAL
3	5468.24	72.75	74.00	-1.25	34.99	3.52	34.24	0.00	Peak	146	343	VERTICAL
4	5470.00	42.50	54.00	-11.50	4.74	3.52	34.24	0.00	Average	146	343	VERTICAL
5	5498.24	112.58			74.79	3.53	34.26	0.00	Peak	146	343	VERTICAL
6	5499.04	100.16			62.37	3.53	34.26	0.00	Average	146	343	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5703.21	112.93			75.00	3.59	34.34	0.00	Peak	128	348	VERTICAL
2	5705.13	100.43			62.49	3.60	34.34	0.00	Average	128	348	VERTICAL
3	5725.00	45.95	54.00	-8.05	8.01	3.60	34.34	0.00	Average	128	348	VERTICAL
4	5725.64	72.85	74.00	-1.15	34.91	3.60	34.34	0.00	Peak	128	348	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 MCS0 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5254.62	121.90			84.59	3.46	33.85	0.00	Peak	130	5 VERTICAL
2	5254.94	108.47			71.16	3.46	33.85	0.00	Average	130	5 VERTICAL
3	5350.32	71.24	74.00	-2.76	33.72	3.49	34.03	0.00	Peak	130	5 VERTICAL
4	5353.53	52.94	54.00	-1.06	15.42	3.49	34.03	0.00	Average	130	5 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5308.40	111.79			74.37	3.48	33.94	0.00	Peak	126	350 VERTICAL
2	5311.28	98.68			61.26	3.48	33.94	0.00	Average	126	350 VERTICAL
3	5350.00	52.95	54.00	-1.05	15.43	3.49	34.03	0.00	Average	126	350 VERTICAL
4	5350.00	68.07	74.00	-5.93	30.55	3.49	34.03	0.00	Peak	126	350 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5459.04	64.76	74.00	-9.24	27.03	3.52	34.21	0.00	Peak	120	348 VERTICAL
2	5460.00	43.95	54.00	-10.05	6.22	3.52	34.21	0.00	Average	120	348 VERTICAL
3	5469.68	67.42	74.00	-6.58	29.66	3.52	34.24	0.00	Peak	120	348 VERTICAL
4	5470.00	52.55	54.00	-1.45	14.79	3.52	34.24	0.00	Average	120	348 VERTICAL
5	5512.56	98.67			60.85	3.54	34.28	0.00	Average	120	348 VERTICAL
6	5512.56	111.99			74.17	3.54	34.28	0.00	Peak	120	348 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5452.63	48.79	54.00	-5.21	11.06	3.52	34.21	0.00	Average	131	354 VERTICAL
2	5453.91	66.11	74.00	-7.89	28.38	3.52	34.21	0.00	Peak	131	354 VERTICAL
3	5469.04	69.92	74.00	-4.08	32.16	3.52	34.24	0.00	Peak	131	354 VERTICAL
4	5470.00	52.61	54.00	-1.39	14.85	3.52	34.24	0.00	Average	131	354 VERTICAL
5	5561.54	106.97			69.11	3.55	34.31	0.00	Average	131	354 VERTICAL
6	5561.86	120.74			82.88	3.55	34.31	0.00	Peak	131	354 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5667.76	105.05			67.13	3.59	34.33	0.00	Average	127	352 VERTICAL
2	5668.08	118.79			80.87	3.59	34.33	0.00	Peak	127	352 VERTICAL
3	5725.00	52.71	54.00	-1.29	14.77	3.60	34.34	0.00	Average	127	352 VERTICAL
4	5727.56	72.46	74.00	-1.54	34.52	3.60	34.34	0.00	Peak	127	352 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 MCS8 HT20 Ch52, 56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5254.87	106.68			69.37	3.46	33.85	0.00	Average	100	349 VERTICAL
2	5262.56	122.85			85.54	3.46	33.85	0.00	Peak	100	349 VERTICAL
3	5350.00	45.57	54.00	-8.43	8.05	3.49	34.03	0.00	Average	100	349 VERTICAL
4	5354.49	68.63	74.00	-5.37	31.11	3.49	34.03	0.00	Peak	100	349 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5250.00	44.13	54.00	-9.87	6.82	3.46	33.85	0.00	Average	130	358 VERTICAL
2	5250.00	72.74	74.00	-1.26	35.43	3.46	33.85	0.00	Peak	130	358 VERTICAL
3	5275.00	99.45			62.10	3.47	33.88	0.00	Average	130	358 VERTICAL
4	5276.20	114.98			77.63	3.47	33.88	0.00	Peak	130	358 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 HT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5293.59	119.12			81.74	3.47	33.91	0.00	Peak	131	350 VERTICAL
2	5294.87	102.97			65.59	3.47	33.91	0.00	Average	131	350 VERTICAL
3	5350.00	44.90	54.00	-9.10	7.38	3.49	34.03	0.00	Average	131	350 VERTICAL
4	5353.85	72.84	74.00	-1.16	35.32	3.49	34.03	0.00	Peak	131	350 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5313.59	114.95			77.53	3.48	33.94	0.00	Peak	127	351 VERTICAL
2	5314.87	98.87			61.42	3.48	33.97	0.00	Average	127	351 VERTICAL
3	5350.00	43.74	54.00	-10.26	6.22	3.49	34.03	0.00	Average	127	351 VERTICAL
4	5352.56	72.86	74.00	-1.14	35.34	3.49	34.03	0.00	Peak	127	351 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 MCS8 HT20 Ch 100, 140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss 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	69.25	74.00	-4.75	31.52	3.52	34.21	0.00 Peak	119	342	VERTICAL
2	5460.00	42.57	54.00	-11.43	4.84	3.52	34.21	0.00 Average	119	342	VERTICAL
3	5467.28	72.97	74.00	-1.03	35.21	3.52	34.24	0.00 Peak	119	342	VERTICAL
4	5470.00	43.08	54.00	-10.92	5.32	3.52	34.24	0.00 Average	119	342	VERTICAL
5	5494.39	112.63			74.84	3.53	34.26	0.00 Peak	119	342	VERTICAL
6	5503.21	96.56			58.74	3.54	34.28	0.00 Average	119	342	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5694.55	96.95			59.02	3.59	34.34	0.00 Average	127	352	VERTICAL
2	5695.51	112.47			74.54	3.59	34.34	0.00 Peak	127	352	VERTICAL
3	5725.00	44.81	54.00	-9.19	6.87	3.60	34.34	0.00 Average	127	352	VERTICAL
4	5727.08	72.42	74.00	-1.58	34.48	3.60	34.34	0.00 Peak	127	352	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 MCS8 HT40 Ch 54, 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5259.42	104.84			67.53	3.46	33.85	0.00	Average	113	3 VERTICAL
2	5261.35	119.67			82.36	3.46	33.85	0.00	Peak	113	3 VERTICAL
3	5350.00	51.08	54.00	-2.92	13.56	3.49	34.03	0.00	Average	113	3 VERTICAL
4	5351.28	68.93	74.00	-5.07	31.41	3.49	34.03	0.00	Peak	113	3 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5320.58	110.69			73.24	3.48	33.97	0.00	Peak	126	351 VERTICAL
2	5321.22	96.12			58.67	3.48	33.97	0.00	Average	126	351 VERTICAL
3	5350.00	52.46	54.00	-1.54	14.94	3.49	34.03	0.00	Average	126	351 VERTICAL
4	5350.00	65.85	74.00	-8.15	28.33	3.49	34.03	0.00	Peak	126	351 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 HT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5449.74	66.71	74.00	-7.29	29.01	3.52	34.18	0.00	Peak	121	343	VERTICAL
2	5460.00	46.44	54.00	-7.56	8.71	3.52	34.21	0.00	Average	121	343	VERTICAL
3	5469.68	67.23	74.00	-6.77	29.47	3.52	34.24	0.00	Peak	121	343	VERTICAL
4	5470.00	52.80	54.00	-1.20	15.04	3.52	34.24	0.00	Average	121	343	VERTICAL
5	5513.53	97.39			59.57	3.54	34.28	0.00	Average	121	343	VERTICAL
6	5515.13	112.50			74.68	3.54	34.28	0.00	Peak	121	343	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5456.15	63.88	74.00	-10.12	26.15	3.52	34.21	0.00	Peak	131	0	VERTICAL
2	5460.00	49.45	54.00	-4.55	11.72	3.52	34.21	0.00	Average	131	0	VERTICAL
3	5467.76	66.56	74.00	-7.44	28.80	3.52	34.24	0.00	Peak	131	0	VERTICAL
4	5470.00	52.01	54.00	-1.99	14.25	3.52	34.24	0.00	Average	131	0	VERTICAL
5	5554.81	118.68			80.82	3.55	34.31	0.00	Peak	131	0	VERTICAL
6	5562.18	103.26			65.40	3.55	34.31	0.00	Average	131	0	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5658.14	116.78			78.86	3.59	34.33	0.00	Peak	132	350	VERTICAL
2	5661.67	102.42			64.50	3.59	34.33	0.00	Average	132	350	VERTICAL
3	5725.00	51.46	54.00	-2.54	13.52	3.60	34.34	0.00	Average	132	350	VERTICAL
4	5727.89	70.15	74.00	-3.85	32.21	3.60	34.34	0.00	Peak	132	350	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5253.27	107.62			70.31	3.46	33.85	0.00	Average	122	359 VERTICAL
2	5262.24	122.44			85.13	3.46	33.85	0.00	Peak	122	359 VERTICAL
3	5350.32	46.55	54.00	-7.45	9.03	3.49	34.03	0.00	Average	122	359 VERTICAL
4	5351.28	71.53	74.00	-2.47	34.01	3.49	34.03	0.00	Peak	122	359 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.45	74.00	-1.55	35.14	3.46	33.85	0.00	Peak	129	354 VERTICAL
2	5250.00	44.05	54.00	-9.95	6.74	3.46	33.85	0.00	Average	129	354 VERTICAL
3	5274.40	103.38			66.03	3.47	33.88	0.00	Average	129	354 VERTICAL
4	5274.40	115.89			78.54	3.47	33.88	0.00	Peak	129	354 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5302.24	100.28			62.86	3.48	33.94	0.00	Average	129	351 VERTICAL
2	5303.85	115.02			77.60	3.48	33.94	0.00	Peak	129	351 VERTICAL
3	5350.32	43.86	54.00	-10.14	6.34	3.49	34.03	0.00	Average	129	351 VERTICAL
4	5350.96	72.61	74.00	-1.39	35.09	3.49	34.03	0.00	Peak	129	351 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5313.43	99.65			62.23	3.48	33.94	0.00	Average	127	353 VERTICAL
2	5316.15	114.55			77.10	3.48	33.97	0.00	Peak	127	353 VERTICAL
3	5350.00	43.56	54.00	-10.44	6.04	3.49	34.03	0.00	Average	127	353 VERTICAL
4	5350.16	72.84	74.00	-1.16	35.32	3.49	34.03	0.00	Peak	127	353 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5460.00	41.84	54.00	-12.16	4.11	3.52	34.21	0.00	Average	138	343 VERTICAL
2	5460.00	68.55	74.00	-5.45	30.82	3.52	34.21	0.00	Peak	138	343 VERTICAL
3	5469.84	72.94	74.00	-1.06	35.18	3.52	34.24	0.00	Peak	138	343 VERTICAL
4	5470.00	42.36	54.00	-11.64	4.60	3.52	34.24	0.00	Average	138	343 VERTICAL
5	5495.03	110.21			72.42	3.53	34.26	0.00	Peak	138	343 VERTICAL
6	5497.60	95.34			57.55	3.53	34.26	0.00	Average	138	343 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5695.51	111.96			74.03	3.59	34.34	0.00	Peak	116	352 VERTICAL
2	5697.76	97.51			59.58	3.59	34.34	0.00	Average	116	352 VERTICAL
3	5725.00	44.42	54.00	-9.58	6.48	3.60	34.34	0.00	Average	116	352 VERTICAL
4	5725.64	72.64	74.00	-1.36	34.70	3.60	34.34	0.00	Peak	116	352 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5268.08	106.28			68.94	3.46	33.88	0.00	Average	128	8 VERTICAL
2	5268.40	120.88			83.54	3.46	33.88	0.00	Peak	128	8 VERTICAL
3	5350.00	51.61	54.00	-2.39	14.09	3.49	34.03	0.00	Average	128	8 VERTICAL
4	5352.89	68.23	74.00	-5.77	30.71	3.49	34.03	0.00	Peak	128	8 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5307.44	110.93			73.51	3.48	33.94	0.00	Peak	126	352 VERTICAL
2	5307.76	97.19			59.77	3.48	33.94	0.00	Average	126	352 VERTICAL
3	5350.00	52.45	54.00	-1.55	14.93	3.49	34.03	0.00	Average	126	352 VERTICAL
4	5350.00	66.20	74.00	-7.80	28.68	3.49	34.03	0.00	Peak	126	352 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5458.08	65.92	74.00	-8.08	28.19	3.52	34.21	0.00	Peak	124	345 VERTICAL
2	5460.00	44.77	54.00	-9.23	7.04	3.52	34.21	0.00	Average	124	345 VERTICAL
3	5470.00	52.58	54.00	-1.42	14.82	3.52	34.24	0.00	Average	124	345 VERTICAL
4	5470.00	66.01	74.00	-7.99	28.25	3.52	34.24	0.00	Peak	124	345 VERTICAL
5	5512.24	98.25			60.43	3.54	34.28	0.00	Average	124	345 VERTICAL
6	5512.56	112.09			74.27	3.54	34.28	0.00	Peak	124	345 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5453.91	63.43	74.00	-10.57	25.70	3.52	34.21	0.00	Peak	131	356 VERTICAL
2	5460.00	48.64	54.00	-5.36	10.91	3.52	34.21	0.00	Average	131	356 VERTICAL
3	5469.68	66.90	74.00	-7.10	29.14	3.52	34.24	0.00	Peak	131	356 VERTICAL
4	5470.00	52.26	54.00	-1.74	14.50	3.52	34.24	0.00	Average	131	356 VERTICAL
5	5552.24	118.92			81.06	3.55	34.31	0.00	Peak	131	356 VERTICAL
6	5553.53	104.31			66.45	3.55	34.31	0.00	Average	131	356 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5661.67	118.19			80.27	3.59	34.33	0.00	Peak	127	352 VERTICAL
2	5662.63	103.84			65.92	3.59	34.33	0.00	Average	127	352 VERTICAL
3	5725.00	52.05	54.00	-1.95	14.11	3.60	34.34	0.00	Average	127	352 VERTICAL
4	5725.32	69.58	74.00	-4.42	31.64	3.60	34.34	0.00	Peak	127	352 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 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5142.79	52.20	74.00	-21.80	15.13	3.43	33.64	0.00	Peak	122	5 VERTICAL
2	5150.00	39.85	54.00	-14.15	2.75	3.43	33.67	0.00	Average	122	5 VERTICAL
3	5292.40	102.29			64.91	3.47	33.91	0.00	Peak	122	5 VERTICAL
4	5314.84	90.01			52.56	3.48	33.97	0.00	Average	122	5 VERTICAL
5	5350.00	52.78	54.00	-1.22	15.26	3.49	34.03	0.00	Average	122	5 VERTICAL
6	5350.00	69.83	74.00	-4.17	32.31	3.49	34.03	0.00	Peak	122	5 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5454.39	42.89	54.00	-11.11	5.16	3.52	34.21	0.00	Average	135	355 VERTICAL
2	5454.39	55.34	74.00	-18.66	17.61	3.52	34.21	0.00	Peak	135	355 VERTICAL
3	5470.00	52.65	54.00	-1.35	14.89	3.52	34.24	0.00	Average	135	355 VERTICAL
4	5470.00	66.25	74.00	-7.75	28.49	3.52	34.24	0.00	Peak	135	355 VERTICAL
5	5512.37	86.45			48.63	3.54	34.28	0.00	Average	135	355 VERTICAL
6	5552.44	99.45			61.59	3.55	34.31	0.00	Peak	135	355 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5255.51	123.23			85.92	3.46	33.85	0.00	Peak	109	5 VERTICAL
2	5257.76	110.54			73.23	3.46	33.85	0.00	Average	109	5 VERTICAL
3	5350.00	47.53	54.00	-6.47	10.01	3.49	34.03	0.00	Average	109	5 VERTICAL
4	5356.09	72.27	74.00	-1.73	34.75	3.49	34.03	0.00	Peak	109	5 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5249.80	72.66	74.00	-1.34	35.35	3.46	33.85	0.00	Peak	131	359 VERTICAL
2	5250.00	44.20	54.00	-9.80	6.89	3.46	33.85	0.00	Average	131	359 VERTICAL
3	5273.40	99.97			62.62	3.47	33.88	0.00	Average	131	359 VERTICAL
4	5283.60	115.23			77.85	3.47	33.91	0.00	Peak	131	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/Nss2 VHT20 Ch60, 64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5306.09	118.42			81.00	3.48	33.94	0.00	Peak	127	349 VERTICAL
2	5306.73	106.04			68.62	3.48	33.94	0.00	Average	127	349 VERTICAL
3	5350.00	45.19	54.00	-8.81	7.67	3.49	34.03	0.00	Average	127	349 VERTICAL
4	5353.85	72.68	74.00	-1.32	35.16	3.49	34.03	0.00	Peak	127	349 VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5326.25	113.75			76.29	3.49	33.97	0.00	Peak	124	349 VERTICAL
2	5326.57	101.33			63.87	3.49	33.97	0.00	Average	124	349 VERTICAL
3	5350.00	43.42	54.00	-10.58	5.90	3.49	34.03	0.00	Average	124	349 VERTICAL
4	5356.89	72.98	74.00	-1.02	35.46	3.49	34.03	0.00	Peak	124	349 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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5458.56	69.32	74.00	-4.68	31.59	3.52	34.21	0.00 Peak	134	355	VERTICAL
2	5460.00	42.29	54.00	-11.71	4.56	3.52	34.21	0.00 Average	134	355	VERTICAL
3	5470.00	42.90	54.00	-11.10	5.14	3.52	34.24	0.00 Average	134	355	VERTICAL
4	5470.00	72.58	74.00	-1.42	34.82	3.52	34.24	0.00 Peak	134	355	VERTICAL
5	5506.41	113.52			75.70	3.54	34.28	0.00 Peak	134	355	VERTICAL
6	5506.60	100.60			62.78	3.54	34.28	0.00 Average	134	355	VERTICAL

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

Channel 140

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamplifier Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5697.76	97.98			60.05	3.59	34.34	0.00 Average	130	348	VERTICAL
2	5702.24	112.04			74.11	3.59	34.34	0.00 Peak	130	348	VERTICAL
3	5725.00	44.57	54.00	-9.43	6.63	3.60	34.34	0.00 Average	130	348	VERTICAL
4	5726.92	72.98	74.00	-1.02	35.04	3.60	34.34	0.00 Peak	130	348	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 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5261.99	120.82			83.51	3.46	33.85	0.00	Peak	132	5 VERTICAL
2	5266.47	105.58			68.24	3.46	33.88	0.00	Average	132	5 VERTICAL
3	5350.00	51.18	54.00	-2.82	13.66	3.49	34.03	0.00	Average	132	5 VERTICAL
4	5353.85	68.14	74.00	-5.86	30.62	3.49	34.03	0.00	Peak	132	5 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5301.99	110.96			73.54	3.48	33.94	0.00	Peak	129	350 VERTICAL
2	5306.47	96.87			59.45	3.48	33.94	0.00	Average	129	350 VERTICAL
3	5350.00	52.81	54.00	-1.19	15.29	3.49	34.03	0.00	Average	129	350 VERTICAL
4	5350.00	66.34	74.00	-7.66	28.82	3.49	34.03	0.00	Peak	129	350 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 102, 110, 134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5452.31	66.38	74.00	-7.62	28.65	3.52	34.21	0.00	Peak	135	355 VERTICAL
2	5460.00	45.49	54.00	-8.51	7.76	3.52	34.21	0.00	Average	135	355 VERTICAL
3	5470.00	52.70	54.00	-1.30	14.94	3.52	34.24	0.00	Average	135	355 VERTICAL
4	5470.00	66.73	74.00	-7.27	28.97	3.52	34.24	0.00	Peak	135	355 VERTICAL
5	5499.42	112.20			74.41	3.53	34.26	0.00	Peak	135	355 VERTICAL
6	5517.69	98.36			60.54	3.54	34.28	0.00	Average	135	355 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5455.83	63.49	74.00	-10.51	25.76	3.52	34.21	0.00	Peak	132	0 VERTICAL
2	5460.00	50.16	54.00	-3.84	12.43	3.52	34.21	0.00	Average	132	0 VERTICAL
3	5468.72	66.62	74.00	-7.38	28.86	3.52	34.24	0.00	Peak	132	0 VERTICAL
4	5470.00	52.36	54.00	-1.64	14.60	3.52	34.24	0.00	Average	132	0 VERTICAL
5	5544.55	118.21			80.35	3.55	34.31	0.00	Peak	132	0 VERTICAL
6	5546.80	104.35			66.49	3.55	34.31	0.00	Average	132	0 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5665.19	117.25			79.33	3.59	34.33	0.00	Peak	132	352 VERTICAL
2	5666.47	102.90			64.98	3.59	34.33	0.00	Average	132	352 VERTICAL
3	5725.00	51.39	54.00	-2.61	13.45	3.60	34.34	0.00	Average	132	352 VERTICAL
4	5733.01	69.43	74.00	-4.57	31.48	3.61	34.34	0.00	Peak	132	352 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/Nss2 VHT80 Ch 58, 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 58

	Freq	Level	Limit	Over	Read	CableAntenna	Preampl		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5150.00	41.35	54.00	-12.65	4.25	3.43	33.67	0.00	Average	129	351 VERTICAL
2	5150.00	52.57	74.00	-21.43	15.47	3.43	33.67	0.00	Peak	129	351 VERTICAL
3	5276.38	102.46			65.11	3.47	33.88	0.00	Peak	129	351 VERTICAL
4	5277.98	86.10			48.75	3.47	33.88	0.00	Average	129	351 VERTICAL
5	5350.00	52.76	54.00	-1.24	15.24	3.49	34.03	0.00	Average	129	351 VERTICAL
6	5350.00	65.24	74.00	-8.76	27.72	3.49	34.03	0.00	Peak	129	351 VERTICAL

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

Channel 106

	Freq	Level	Limit	Over	Read	CableAntenna	Preampl		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5460.00	46.53	54.00	-7.47	8.80	3.52	34.21	0.00	Average	135	344 VERTICAL
2	5460.00	59.35	74.00	-14.65	21.62	3.52	34.21	0.00	Peak	135	344 VERTICAL
3	5470.00	52.64	54.00	-1.36	14.88	3.52	34.24	0.00	Average	135	344 VERTICAL
4	5470.00	65.62	74.00	-8.38	27.86	3.52	34.24	0.00	Peak	135	344 VERTICAL
5	5497.95	86.09			48.30	3.53	34.26	0.00	Average	135	344 VERTICAL
6	5515.58	101.46			63.64	3.54	34.28	0.00	Peak	135	344 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5267.37	123.58			86.24	3.46	33.88	0.00	Peak	100	4 VERTICAL
2	5268.01	110.94			73.60	3.46	33.88	0.00	Average	100	4 VERTICAL
3	5350.00	45.52	54.00	-8.48	8.00	3.49	34.03	0.00	Average	100	4 VERTICAL
4	5351.28	71.97	74.00	-2.03	34.45	3.49	34.03	0.00	Peak	100	4 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5250.00	44.81	54.00	-9.19	7.50	3.46	33.85	0.00	Average	121	359 VERTICAL
2	5250.00	72.81	74.00	-1.19	35.50	3.46	33.85	0.00	Peak	121	359 VERTICAL
3	5285.60	117.81			80.43	3.47	33.91	0.00	Peak	121	359 VERTICAL
4	5286.00	104.43			67.05	3.47	33.91	0.00	Average	121	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 MCS0 HT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5307.05	119.36			81.94	3.48	33.94	0.00 Peak	125	5	VERTICAL
2	5308.01	106.66			69.24	3.48	33.94	0.00 Average	125	5	VERTICAL
3	5350.00	45.83	54.00	-8.17	8.31	3.49	34.03	0.00 Average	125	5	VERTICAL
4	5355.13	72.56	74.00	-1.44	35.04	3.49	34.03	0.00 Peak	125	5	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5311.99	101.24			63.82	3.48	33.94	0.00 Average	126	350	VERTICAL
2	5315.35	114.27			76.82	3.48	33.97	0.00 Peak	126	350	VERTICAL
3	5350.00	44.15	54.00	-9.85	6.63	3.49	34.03	0.00 Average	126	350	VERTICAL
4	5350.00	72.62	74.00	-1.38	35.10	3.49	34.03	0.00 Peak	126	350	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 MCS0 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5458.40	71.51	74.00	-2.49	33.78	3.52	34.21	0.00	Peak	121	345 VERTICAL
2	5460.00	42.41	54.00	-11.59	4.68	3.52	34.21	0.00	Average	121	345 VERTICAL
3	5468.72	72.86	74.00	-1.14	35.10	3.52	34.24	0.00	Peak	121	345 VERTICAL
4	5470.00	43.23	54.00	-10.77	5.47	3.52	34.24	0.00	Average	121	345 VERTICAL
5	5492.15	102.76			64.97	3.53	34.26	0.00	Average	121	345 VERTICAL
6	5492.63	115.66			77.87	3.53	34.26	0.00	Peak	121	345 VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5700.96	102.77			64.84	3.59	34.34	0.00	Average	114	350 VERTICAL
2	5701.28	115.44			77.51	3.59	34.34	0.00	Peak	114	350 VERTICAL
3	5725.00	45.47	54.00	-8.53	7.53	3.60	34.34	0.00	Average	114	350 VERTICAL
4	5728.21	72.58	74.00	-1.42	34.64	3.60	34.34	0.00	Peak	114	350 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 MCS0 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5271.60	107.63			70.28	3.47	33.88	0.00	Average	100	359 VERTICAL
2	5272.56	121.62			84.27	3.47	33.88	0.00	Peak	100	359 VERTICAL
3	5350.00	51.92	54.00	-2.08	14.40	3.49	34.03	0.00	Average	100	359 VERTICAL
4	5352.89	69.34	74.00	-4.66	31.82	3.49	34.03	0.00	Peak	100	359 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark		Pol/Phase
			dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5311.28	112.27			74.85	3.48	33.94	0.00	Peak	127	349 VERTICAL
2	5311.60	98.60			61.18	3.48	33.94	0.00	Average	127	349 VERTICAL
3	5350.00	52.71	54.00	-1.29	15.19	3.49	34.03	0.00	Average	127	349 VERTICAL
4	5350.00	65.76	74.00	-8.24	28.24	3.49	34.03	0.00	Peak	127	349 VERTICAL

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

Temperature	25.6°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 HT40 Ch 102, 110, 134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5457.44	65.47	74.00	-8.53	27.74	3.52	34.21	0.00	Peak	123	347 VERTICAL
2	5460.00	45.15	54.00	-8.85	7.42	3.52	34.21	0.00	Average	123	347 VERTICAL
3	5470.00	52.67	54.00	-1.33	14.91	3.52	34.24	0.00	Average	123	347 VERTICAL
4	5470.00	67.54	74.00	-6.46	29.78	3.52	34.24	0.00	Peak	123	347 VERTICAL
5	5512.24	98.13			60.31	3.54	34.28	0.00	Average	123	347 VERTICAL
6	5512.24	112.01			74.19	3.54	34.28	0.00	Peak	123	347 VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5450.00	47.01	54.00	-6.99	9.31	3.52	34.18	0.00	Average	131	349 VERTICAL
2	5454.87	68.50	74.00	-5.50	30.77	3.52	34.21	0.00	Peak	131	349 VERTICAL
3	5466.47	69.19	74.00	-4.81	31.46	3.52	34.21	0.00	Peak	131	349 VERTICAL
4	5468.40	52.22	54.00	-1.78	14.46	3.52	34.24	0.00	Average	131	349 VERTICAL
5	5548.08	106.90			69.04	3.55	34.31	0.00	Average	131	349 VERTICAL
6	5548.08	121.15			83.29	3.55	34.31	0.00	Peak	131	349 VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5657.50	103.95			66.03	3.59	34.33	0.00	Average	128	351 VERTICAL
2	5657.82	117.98			80.06	3.59	34.33	0.00	Peak	128	351 VERTICAL
3	5725.00	52.59	54.00	-1.41	14.65	3.60	34.34	0.00	Average	128	351 VERTICAL
4	5725.00	72.08	74.00	-1.92	34.14	3.60	34.34	0.00	Peak	128	351 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 MCS8 HT20 Ch52, 56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5262.56	123.16			85.85	3.46	33.85	0.00	Peak	140	2	VERTICAL
2	5263.85	110.70			73.36	3.46	33.88	0.00	Average	140	2	VERTICAL
3	5350.00	48.09	54.00	-5.91	10.57	3.49	34.03	0.00	Average	140	2	VERTICAL
4	5355.13	72.71	74.00	-1.29	35.19	3.49	34.03	0.00	Peak	140	2	VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5250.00	44.13	54.00	-9.87	6.82	3.46	33.85	0.00	Average	118	359	VERTICAL
2	5250.00	72.92	74.00	-1.08	35.61	3.46	33.85	0.00	Peak	118	359	VERTICAL
3	5281.00	100.26			62.88	3.47	33.91	0.00	Average	118	359	VERTICAL
4	5281.40	116.40			79.02	3.47	33.91	0.00	Peak	118	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 MCS8 HT20 Ch60, 64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 60

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5297.12	106.28			68.86	3.48	33.94	0.00	Average	128	2	VERTICAL
2	5305.13	119.94			82.52	3.48	33.94	0.00	Peak	128	2	VERTICAL
3	5350.00	45.49	54.00	-8.51	7.97	3.49	34.03	0.00	Average	128	2	VERTICAL
4	5350.32	72.77	74.00	-1.23	35.25	3.49	34.03	0.00	Peak	128	2	VERTICAL

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

Channel 64

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5315.35	114.55			77.10	3.48	33.97	0.00	Peak	110	349	VERTICAL
2	5316.15	100.96			63.51	3.48	33.97	0.00	Average	110	349	VERTICAL
3	5350.00	43.41	54.00	-10.59	5.89	3.49	34.03	0.00	Average	110	349	VERTICAL
4	5358.17	72.97	74.00	-1.03	35.45	3.49	34.03	0.00	Peak	110	349	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 MCS8 HT20 Ch 100, 140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 100

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.36	72.25	74.00	-1.75	34.52	3.52	34.21	0.00	Peak	137	345	VERTICAL
2	5460.00	43.77	54.00	-10.23	6.04	3.52	34.21	0.00	Average	137	345	VERTICAL
3	5468.72	72.64	74.00	-1.36	34.88	3.52	34.24	0.00	Peak	137	345	VERTICAL
4	5470.00	44.36	54.00	-9.64	6.60	3.52	34.24	0.00	Average	137	345	VERTICAL
5	5503.85	114.35			76.53	3.54	34.28	0.00	Peak	137	345	VERTICAL
6	5504.81	100.72			62.90	3.54	34.28	0.00	Average	137	345	VERTICAL

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

Channel 140

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5702.08	100.14			62.21	3.59	34.34	0.00	Average	126	349	VERTICAL
2	5702.56	113.99			76.06	3.59	34.34	0.00	Peak	126	349	VERTICAL
3	5725.00	45.09	54.00	-8.91	7.15	3.60	34.34	0.00	Average	126	349	VERTICAL
4	5727.89	72.73	74.00	-1.27	34.79	3.60	34.34	0.00	Peak	126	349	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 MCS8 HT40 Ch 54, 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 3 (Ant.4 Yagi antenna / 8dBi)

Channel 54

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5274.81	105.90			68.55	3.47	33.88	0.00	Average	126	0 VERTICAL
2	5274.81	120.46			83.11	3.47	33.88	0.00	Peak	126	0 VERTICAL
3	5350.00	52.41	54.00	-1.59	14.89	3.49	34.03	0.00	Average	126	0 VERTICAL
4	5352.24	72.94	74.00	-1.06	35.42	3.49	34.03	0.00	Peak	126	0 VERTICAL

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

Channel 62

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5303.91	111.96			74.54	3.48	33.94	0.00	Peak	127	350 VERTICAL
2	5323.46	97.21			59.75	3.49	33.97	0.00	Average	127	350 VERTICAL
3	5350.00	52.32	54.00	-1.68	14.80	3.49	34.03	0.00	Average	127	350 VERTICAL
4	5350.32	65.18	74.00	-8.82	27.66	3.49	34.03	0.00	Peak	127	350 VERTICAL

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

Temperature	25.6°C	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 3 (Ant.4 Yagi antenna / 8dBi)

Channel 102

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5459.04	66.12	74.00	-7.88	28.39	3.52	34.21	0.00	Peak	120	346	VERTICAL
2	5460.00	45.37	54.00	-8.63	7.64	3.52	34.21	0.00	Average	120	346	VERTICAL
3	5469.68	66.38	74.00	-7.62	28.62	3.52	34.24	0.00	Peak	120	346	VERTICAL
4	5470.00	53.00	54.00	-1.00	15.24	3.52	34.24	0.00	Average	120	346	VERTICAL
5	5514.81	98.86			61.04	3.54	34.28	0.00	Average	120	346	VERTICAL
6	5516.09	114.09			76.27	3.54	34.28	0.00	Peak	120	346	VERTICAL

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

Channel 110

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5458.08	69.35	74.00	-4.65	31.62	3.52	34.21	0.00	Peak	132	350	VERTICAL
2	5460.00	49.56	54.00	-4.44	11.83	3.52	34.21	0.00	Average	132	350	VERTICAL
3	5469.04	70.20	74.00	-3.80	32.44	3.52	34.24	0.00	Peak	132	350	VERTICAL
4	5470.00	52.34	54.00	-1.66	14.58	3.52	34.24	0.00	Average	132	350	VERTICAL
5	5552.56	120.49			82.63	3.55	34.31	0.00	Peak	132	350	VERTICAL
6	5553.53	105.48			67.62	3.55	34.31	0.00	Average	132	350	VERTICAL

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

Channel 134

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5664.55	104.14			66.22	3.59	34.33	0.00	Average	128	352	VERTICAL
2	5664.87	118.54			80.62	3.59	34.33	0.00	Peak	128	352	VERTICAL
3	5725.00	52.56	54.00	-1.44	14.62	3.60	34.34	0.00	Average	128	352	VERTICAL
4	5735.26	70.96	74.00	-3.04	33.01	3.61	34.34	0.00	Peak	128	352	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 3 (Ant.4 Yagi antenna / 8dBi)

Channel 52

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5255.19	123.50			86.19	3.46	33.85	0.00	Peak	129	3 VERTICAL
2	5264.49	108.60			71.26	3.46	33.88	0.00	Average	129	3 VERTICAL
3	5350.00	46.67	54.00	-7.33	9.15	3.49	34.03	0.00	Average	129	3 VERTICAL
4	5353.21	72.58	74.00	-1.42	35.06	3.49	34.03	0.00	Peak	129	3 VERTICAL

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

Channel 56

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5250.00	43.69	54.00	-10.31	6.38	3.46	33.85	0.00	Average	118	358 VERTICAL
2	5250.00	72.96	74.00	-1.04	35.65	3.46	33.85	0.00	Peak	118	358 VERTICAL
3	5277.80	97.05			59.70	3.47	33.88	0.00	Average	118	358 VERTICAL
4	5278.60	115.42			78.07	3.47	33.88	0.00	Peak	118	358 VERTICAL

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