

Test Engineer:	Luffy Lin	Temperature:	21~25	°C
Test Date:	2015/11/01 ~ 2015/11/0	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**6dB and 26dB EBW and 99% OBW**

Band IV														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)					26dB Bandwidth (MHz)				
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 5	Ant 1	Ant 2	Ant 3	Ant 4	Ant 5
11a	6Mbps	5	149	5745	17.15	17.25	17.15	17.15	18.70	21.30	21.00	20.95	21.05	28.15
11a	6Mbps	5	157	5785	17.15	17.20	17.25	17.20	19.35	21.30	20.70	21.00	21.10	32.75
11a	6Mbps	5	165	5825	17.15	17.15	17.55	17.20	20.30	21.30	21.00	21.00	21.10	33.55
VHT20	MCS0	5	149	5745	18.20	18.25	18.20	18.10	19.25	22.20	22.10	22.00	21.80	26.65
VHT20	MCS0	5	157	5785	18.20	18.20	18.25	18.20	19.45	22.15	22.20	22.15	21.65	26.75
VHT20	MCS0	5	165	5825	18.20	18.25	18.35	18.25	19.50	22.15	22.20	22.15	21.70	27.90
VHT40	MCS0	5	151	5755	36.20	36.30	36.30	36.20	37.40	40.77	40.86	40.68	40.41	50.31
VHT40	MCS0	5	159	5795	36.30	36.20	36.20	36.40	37.50	40.77	40.77	40.59	41.41	51.21
VHT80	MCS0	5	155	5775	76.20	75.96	76.08	76.08	76.56	85.28	85.12	85.28	85.28	96.96

Band IV											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	6 dB Bandwidth (MHz)					6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 5		
11a	6Mbps	5	149	5745	16.32	16.32	16.36	16.36	16.36	0.5	Pass
11a	6Mbps	5	157	5785	16.36	16.32	16.32	16.36	16.36	0.5	Pass
11a	6Mbps	5	165	5825	16.32	16.32	16.32	16.36	16.36	0.5	Pass
VHT20	MCS0	5	149	5745	17.20	17.32	17.00	16.80	17.56	0.5	Pass
VHT20	MCS0	5	157	5785	16.84	16.80	16.36	16.36	17.60	0.5	Pass
VHT20	MCS0	5	165	5825	17.16	16.80	17.56	16.36	17.56	0.5	Pass
VHT40	MCS0	5	151	5755	35.12	35.12	35.12	35.12	36.40	0.5	Pass
VHT40	MCS0	5	159	5795	35.12	35.12	35.12	35.20	36.48	0.5	Pass
VHT80	MCS0	5	155	5775	75.68	75.36	75.52	75.36	76.16	0.5	Pass

**TEST RESULTS DATA**  
**Average Power Table**

Band IV														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power with Duty Factor (dBm)						DG (dBi)	Cond. Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 5	SUM			
11a	6Mbps	5	149	5745	0.16	14.34	14.67	14.87	13.99	16.14	21.86	5.00	30	Pass
11a	6Mbps	5	157	5785	0.16	13.78	14.79	14.47	13.91	15.97	21.65	5.00	30	Pass
11a	6Mbps	5	165	5825	0.16	14.33	15.20	15.29	14.79	15.58	22.05	5.00	30	Pass
HT20	MCS0	5	149	5745	0.08	13.73	13.97	14.46	13.65	14.04	20.97	5.00	30	Pass
HT20	MCS0	5	157	5785	0.08	13.54	14.17	14.19	13.66	13.99	20.91	5.00	30	Pass
HT20	MCS0	5	165	5825	0.08	14.06	14.50	15.02	14.49	13.81	21.39	5.00	30	Pass
HT40	MCS0	5	151	5755	0.15	12.36	12.38	12.97	12.25	12.72	19.53	5.00	30	Pass
HT40	MCS0	5	159	5795	0.15	12.46	12.60	13.06	12.38	12.87	19.67	5.00	30	Pass
VHT20	MCS0	5	149	5745	0.08	13.87	14.13	14.54	13.71	13.91	21.03	5.00	30	Pass
VHT20	MCS0	5	157	5785	0.08	13.60	14.25	14.27	13.75	14.00	20.97	5.00	30	Pass
VHT20	MCS0	5	165	5825	0.08	14.15	14.57	15.17	14.55	13.83	21.47	5.00	30	Pass
VHT40	MCS0	5	151	5755	0.15	12.39	12.70	13.04	12.30	12.77	19.64	5.00	30	Pass
VHT40	MCS0	5	159	5795	0.15	12.51	13.09	13.12	12.43	12.88	19.81	5.00	30	Pass
VHT80	MCS0	5	155	5775	0.29	7.82	8.40	8.47	7.55	5.68	14.68	5.00	30	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

Band IV															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)	300kHz RBW Factor (dB)	Average Power Density with Duty Factor and RBW factor (dBm/500kHz)						DG (dBi)	PSD Limit (dBm/500 kHz)	Pass /Fail
							Ant 1	Ant 2	Ant 3	Ant 4	Ant 5	Worst + 10 x LOG(5)			
11a	6Mbps	2	149	5745	0.16	2.22	0.08	0.13	0.56	-0.25	-0.62	7.55	8.99	27.01	Pass
11a	6Mbps	2	157	5785	0.16	2.22	-0.48	0.41	0.18	-0.35	0.18	7.40	8.99	27.01	Pass
11a	6Mbps	2	165	5825	0.16	2.22	-0.17	0.51	0.85	0.24	-0.04	7.84	8.99	27.01	Pass
VHT20	MCS0	2	149	5745	0.08	2.22	-0.63	-0.85	0.05	-0.76	-1.76	7.04	8.99	27.01	Pass
VHT20	MCS0	2	157	5785	0.08	2.22	-1.23	-0.57	-0.36	-1.00	-2.27	6.63	8.99	27.01	Pass
VHT20	MCS0	2	165	5825	0.08	2.22	-0.66	-0.55	0.19	-0.39	-2.13	7.18	8.99	27.01	Pass
VHT40	MCS0	2	151	5755	0.15	2.22	-4.95	-4.96	-4.28	-4.97	-5.97	2.71	8.99	27.01	Pass
VHT40	MCS0	2	159	5795	0.15	2.22	-4.93	-4.51	-4.31	-5.30	-6.20	2.68	8.99	27.01	Pass
VHT80	MCS0	2	155	5775	0.29	2.22	-8.03	-7.45	-6.99	-7.60	-10.77	0.00	8.99	27.01	Pass

**TEST RESULTS DATA**  
**Frequency Stability**

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	149	5745	5745.040	0.040	6.96	20	93.5	
11a	6Mbps	1	149	5745	5745.100	0.100	17.41	20	126.5	
11a	6Mbps	1	149	5745	5745.000	0.000	0.00	20	110	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	-30	110	
11a	6Mbps	1	149	5745	5745.050	0.050	8.70	50	110	