

Appendix D. Test Result for Antenna 4

Antenna Information		
Antenna 4	Model Name	MCN PIFA
	Antenna Type	PIFA Antenna
	Antenna Gain	2 dBi for WLAN (2.4G) ; 4.5 dBi for WLAN (5G)

Test Cases	
Test Item	802.11a/n (Modulation : OFDM)
Radiated TCs	Mode 1: 802.11a_CH36_5180 MHz (Chain A)
	Mode 2: 802.11a_CH44_5220 MHz (Chain A)
	Mode 3: 802.11a_CH48_5240 MHz (Chain A)
	Mode 4: 802.11a_CH36_5180 MHz (Chain B)
	Mode 5: 802.11a_CH44_5220 MHz (Chain B)
	Mode 6: 802.11a_CH48_5240 MHz (Chain B)
	Mode 7: 802.11a_CH36_5180 MHz (Chain A+B)
	Mode 8: 802.11a_CH44_5220 MHz (Chain A+B)
	Mode 9: 802.11a_CH48_5240 MHz (Chain A+B)
	Mode 10: 802.11n_CH36_5180 MHz (BW 20M, Chain A)
	Mode 11: 802.11n_CH44_5220 MHz (BW 20M, Chain A)
	Mode 12: 802.11n_CH48_5240 MHz (BW 20M, Chain A)
	Mode 13: 802.11n_CH36_5180 MHz (BW 20M, Chain B)
	Mode 14: 802.11n_CH44_5220 MHz (BW 20M, Chain B)
	Mode 15: 802.11n_CH48_5240 MHz (BW 20M, Chain B)
	Mode 16: 802.11n_CH36_5180 MHz (BW 20M, Chain A+B)
	Mode 17: 802.11n_CH44_5220 MHz (BW 20M, Chain A+B)
	Mode 18: 802.11n_CH48_5240 MHz (BW 20M, Chain A+B)
	Mode 19: 802.11n_CH38_5190 MHz (BW 40M, Chain A)
	Mode 20: 802.11n_CH46_5230 MHz (BW 40M, Chain A)
	Mode 21: 802.11n_CH38_5190 MHz (BW 40M, Chain B)
	Mode 22: 802.11n_CH46_5230 MHz (BW 40M, Chain B)
	Mode 23: 802.11n_CH38_5190 MHz (BW 40M, Chain A+B)
	Mode 24: 802.11n_CH46_5230 MHz (BW 40M, Chain A+B)

➤ **Test Result of Radiated Band Edges**

Test Mode :	Mode 1	Temperature :	23~24°C
Test Band :	802.11a (Chain A)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	63.49	-10.51	74	54.48	34.25	9.41	34.65	100	168	Peak
5150	47.27	-6.73	54	38.26	34.25	9.41	34.65	100	168	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	55.45	-18.55	74	46.44	34.25	9.41	34.65	173	40	Peak
5150	41.68	-12.32	54	32.67	34.25	9.41	34.65	173	40	Average

Test Mode :	Mode 3	Temperature :	23~24°C
Test Band :	802.11a (Chain A)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	53.31	-20.69	74	44.52	34.45	9.74	35.4	100	169	Peak
5350	42.28	-11.72	54	33.49	34.45	9.74	35.4	100	169	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.56	-22.44	74	42.77	34.45	9.74	35.4	156	40	Peak
5350	39.55	-14.45	54	30.76	34.45	9.74	35.4	156	40	Average



Test Mode :	Mode 4	Temperature :	23~24°C
Test Band :	802.11a (Chain B)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	61.38	-12.62	74	52.37	34.25	9.41	34.65	100	0	Peak
5150	44.53	-9.47	54	35.52	34.25	9.41	34.65	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	55.75	-18.25	74	46.74	34.25	9.41	34.65	103	339	Peak
5150	40.52	-13.48	54	31.51	34.25	9.41	34.65	103	339	Average

Test Mode :	Mode 6	Temperature :	23~24°C
Test Band :	802.11a (Chain B)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	54.3	-19.7	74	45.51	34.45	9.74	35.4	100	0	Peak
5350	42.69	-11.31	54	33.9	34.45	9.74	35.4	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.39	-22.61	74	42.6	34.45	9.74	35.4	171	161	Peak
5350	39.12	-14.88	54	30.33	34.45	9.74	35.4	171	161	Average

Test Mode :	Mode 7	Temperature :	23~24°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	57.58	-16.42	74	48.57	34.25	9.41	34.65	100	174	Peak
5150	44.79	-9.21	54	35.78	34.25	9.41	34.65	100	174	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	51.86	-22.14	74	42.85	34.25	9.41	34.65	190	161	Peak
5150	40.15	-13.85	54	31.14	34.25	9.41	34.65	190	161	Average

Test Mode :	Mode 9	Temperature :	23~24°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	53.45	-20.55	74	44.66	34.45	9.74	35.4	100	191	Peak
5350	41.84	-12.16	54	33.05	34.45	9.74	35.4	100	191	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.55	-22.45	74	42.76	34.45	9.74	35.4	126	149	Peak
5350	39.96	-14.04	54	31.17	34.45	9.74	35.4	126	149	Average

Test Mode :	Mode 10	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	65.23	-8.77	74	56.22	34.25	9.41	34.65	100	168	Peak
5150	48.61	-5.39	54	39.6	34.25	9.41	34.65	100	168	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	57.53	-16.47	74	48.52	34.25	9.41	34.65	173	40	Peak
5150	42.73	-11.27	54	33.72	34.25	9.41	34.65	173	40	Average

Test Mode :	Mode 12	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	53.5	-20.5	74	44.71	34.45	9.74	35.4	100	169	Peak
5350	42.25	-11.75	54	33.46	34.45	9.74	35.4	100	169	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	52.58	-21.42	74	43.79	34.45	9.74	35.4	156	40	Peak
5350	39.56	-14.44	54	30.77	34.45	9.74	35.4	156	40	Average



Test Mode :	Mode 13	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	64.15	-9.85	74	55.14	34.25	9.41	34.65	100	0	Peak
5150	45.53	-8.47	54	36.52	34.25	9.41	34.65	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	57.51	-16.49	74	48.5	34.25	9.41	34.65	103	339	Peak
5150	40.96	-13.04	54	31.95	34.25	9.41	34.65	103	339	Average

Test Mode :	Mode 15	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	54.3	-19.7	74	45.51	34.45	9.74	35.4	100	0	Peak
5350	42.56	-11.44	54	33.77	34.45	9.74	35.4	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.06	-22.94	74	42.27	34.45	9.74	35.4	171	161	Peak
5350	39.1	-14.9	54	30.31	34.45	9.74	35.4	171	161	Average

Test Mode :	Mode 16	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	48~50%
Test Channel :	36	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	61.28	-12.72	74	52.27	34.25	9.41	34.65	100	170	Peak
5150	45.98	-8.02	54	36.97	34.25	9.41	34.65	100	170	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	52.84	-21.16	74	43.83	34.25	9.41	34.65	135	161	Peak
5150	40.27	-13.73	54	31.26	34.25	9.41	34.65	135	161	Average

Test Mode :	Mode 18	Temperature :	23~24°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	48~50%
Test Channel :	48	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	52.59	-21.41	74	43.8	34.45	9.74	35.4	100	191	Peak
5350	41.8	-12.2	54	33.01	34.45	9.74	35.4	100	191	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.12	-22.88	74	42.33	34.45	9.74	35.4	126	149	Peak
5350	39.97	-14.03	54	31.18	34.45	9.74	35.4	126	149	Average

Test Mode :	Mode 19	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	48~50%
Test Channel :	38	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	72.72	-1.28	74	63.71	34.25	9.41	34.65	100	169	Peak
5150	51.01	-2.99	54	42	34.25	9.41	34.65	100	169	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	62.05	-11.95	74	53.04	34.25	9.41	34.65	144	44	Peak
5150	42.64	-11.36	54	33.63	34.25	9.41	34.65	144	44	Average

Test Mode :	Mode 20	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	48~50%
Test Channel :	46	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	59.61	-14.39	74	50.82	34.45	9.74	35.4	100	185	Peak
5350	47.97	-6.03	54	39.18	34.45	9.74	35.4	100	185	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	55.23	-18.77	74	46.44	34.45	9.74	35.4	138	146	Peak
5350	42.15	-11.85	54	33.36	34.45	9.74	35.4	138	146	Average



Test Mode :	Mode 21	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	48~50%
Test Channel :	38	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	70.86	-3.14	74	61.85	34.25	9.41	34.65	100	0	Peak
5150	52.34	-1.66	54	43.33	34.25	9.41	34.65	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	62.01	-11.99	74	53	34.25	9.41	34.65	100	158	Peak
5150	44.29	-9.71	54	35.28	34.25	9.41	34.65	100	158	Average

Test Mode :	Mode 22	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	48~50%
Test Channel :	46	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	57.66	-16.34	74	48.87	34.45	9.74	35.4	100	0	Peak
5350	44.7	-9.3	54	35.91	34.45	9.74	35.4	100	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	51.52	-22.48	74	42.73	34.45	9.74	35.4	115	160	Peak
5350	39.53	-14.47	54	30.74	34.45	9.74	35.4	115	160	Average

Test Mode :	Mode 23	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	48~50%
Test Channel :	38	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	72.74	-1.26	74	63.73	34.25	9.41	34.65	100	187	Peak
5150	50.99	-3.01	54	41.98	34.25	9.41	34.65	100	187	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	62.22	-11.78	74	53.21	34.25	9.41	34.65	173	160	Peak
5150	43.42	-10.58	54	34.41	34.25	9.41	34.65	173	160	Average

Test Mode :	Mode 24	Temperature :	23~24°C
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	48~50%
Test Channel :	46	Test Engineer :	Ivan Chiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	58.23	-15.77	74	49.44	34.45	9.74	35.4	100	189	Peak
5350	46.37	-7.63	54	37.58	34.45	9.74	35.4	100	189	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5350	54.64	-19.36	74	45.85	34.45	9.74	35.4	137	157	Peak
5350	43.25	-10.75	54	34.46	34.45	9.74	35.4	137	157	Average

➤ **Test Results of Radiated Emissions (30MHz ~ 10th Harmonic)**

Test Mode :	Mode 1	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1388	49.23	-24.77	74	50.54	27.86	4.41	33.58	100	0	Peak
2724	45.44	-28.56	74	40.07	32.56	6.44	33.63	100	0	Peak
3810	47.57	-26.43	74	39.78	33.03	8.56	33.8	100	0	Peak
5150	47.27	-6.73	54	38.26	34.25	9.41	34.65	100	168	Average
5150	63.49	-10.51	74	54.48	34.25	9.41	34.65	100	168	Peak
5180	99.13	-	-	90.17	34.28	9.45	34.77	100	168	Average
5180	108.94	-	-	99.98	34.28	9.45	34.77	100	168	Peak
5350	53.27	-20.73	74	44.48	34.45	9.74	35.4	100	168	Peak
5350	42.06	-11.94	54	33.27	34.45	9.74	35.4	100	168	Average
7455	48.73	-25.27	74	60.17	35.33	10.13	56.9	100	0	Peak
10360	48.01	-40.29	88.3	55.78	37.49	11.31	56.57	100	0	Peak



Test Mode :	Mode 1	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1452	45.27	-28.73	74	46.31	27.89	4.55	33.48	100	0	Peak
2742	45.8	-28.2	74	40.4	32.58	6.46	33.64	100	0	Peak
3824	47.12	-26.88	74	39.24	33.06	8.62	33.8	100	0	Peak
5150	41.68	-12.32	54	32.67	34.25	9.41	34.65	173	40	Average
5150	55.45	-18.55	74	46.44	34.25	9.41	34.65	173	40	Peak
5180	92.24	-	-	83.28	34.28	9.45	34.77	173	40	Average
5180	102.99	-	-	94.03	34.28	9.45	34.77	173	40	Peak
5350	51.35	-22.65	74	42.56	34.45	9.74	35.4	173	40	Peak
5350	39.57	-14.43	54	30.78	34.45	9.74	35.4	173	40	Average
7470	49.95	-24.05	74	61.39	35.31	10.14	56.89	100	0	Peak
10360	47.8	-40.5	88.3	55.57	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 2	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1414	46.5	-27.5	74	47.74	27.87	4.45	33.56	100	0	Peak
2780	46.47	-27.53	74	40.99	32.64	6.49	33.65	100	0	Peak
3794	47.49	-26.51	74	39.78	33.01	8.5	33.8	100	0	Peak
5150	45.39	-8.61	54	36.38	34.25	9.41	34.65	100	176	Average
5150	57.89	-16.11	74	48.88	34.25	9.41	34.65	100	176	Peak
5220	99.68	-	-	90.73	34.32	9.53	34.9	100	176	Average
5220	110.35	-	-	101.4	34.32	9.53	34.9	100	176	Peak
5350	54.45	-19.55	74	45.66	34.45	9.74	35.4	100	176	Peak
5350	42.89	-11.11	54	34.1	34.45	9.74	35.4	100	176	Average
7470	48.5	-25.5	74	59.94	35.31	10.14	56.89	100	0	Peak
10440	47.87	-40.43	88.3	55.62	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 2	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1404	46.4	-27.6	74	47.64	27.87	4.45	33.56	100	0	Peak
2806	46.38	-27.62	74	40.86	32.66	6.51	33.65	100	0	Peak
3838	46.93	-27.07	74	39.03	33.08	8.62	33.8	100	0	Peak
5150	39.9	-14.1	54	30.89	34.25	9.41	34.65	168	148	Average
5150	51.09	-22.91	74	42.08	34.25	9.41	34.65	168	148	Peak
5220	91.47	-	-	82.52	34.32	9.53	34.9	168	148	Average
5220	102.36	-	-	93.41	34.32	9.53	34.9	168	148	Peak
5350	51.42	-22.58	74	42.63	34.45	9.74	35.4	168	148	Peak
5350	39.84	-14.16	54	31.05	34.45	9.74	35.4	168	148	Average
7455	50.2	-23.8	74	61.64	35.33	10.13	56.9	100	0	Peak
10440	47.76	-40.54	88.3	55.51	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 3	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1396	44.9	-29.1	74	46.21	27.86	4.41	33.58	100	0	Peak
2720	45.43	-28.57	74	40.06	32.56	6.44	33.63	100	0	Peak
3786	47.14	-26.86	74	39.43	33.01	8.5	33.8	100	0	Peak
5150	57.39	-16.61	74	48.38	34.25	9.41	34.65	100	169	Peak
5150	45.48	-8.52	54	36.47	34.25	9.41	34.65	100	169	Average
5240	110.63	-	-	101.69	34.33	9.57	34.96	100	169	Peak
5240	99.53	-	-	90.59	34.33	9.57	34.96	100	169	Average
5350	53.31	-20.69	74	44.52	34.45	9.74	35.4	100	169	Peak
5350	42.28	-11.72	54	33.49	34.45	9.74	35.4	100	169	Average
7470	49.12	-24.88	74	60.56	35.31	10.14	56.89	100	0	Peak
10480	47.62	-40.68	88.3	55.36	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 3	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1438	45.76	-28.24	74	46.89	27.88	4.5	33.51	100	0	Peak
2742	45.7	-28.3	74	40.3	32.58	6.46	33.64	100	0	Peak
3710	47.31	-26.69	74	39.89	32.89	8.33	33.8	100	0	Peak
5150	52.49	-21.51	74	43.48	34.25	9.41	34.65	156	40	Peak
5150	40.26	-13.74	54	31.25	34.25	9.41	34.65	156	40	Average
5240	103.15	-	-	94.21	34.33	9.57	34.96	156	40	Peak
5240	92.62	-	-	83.68	34.33	9.57	34.96	156	40	Average
5350	51.56	-22.44	74	42.77	34.45	9.74	35.4	156	40	Peak
5350	39.55	-14.45	54	30.76	34.45	9.74	35.4	156	40	Average
7495	49.97	-24.03	74	61.4	35.3	10.15	56.88	100	0	Peak
10480	47.69	-40.61	88.3	55.43	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 4	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	47.31	-26.69	74	48.85	27.83	4.31	33.68	100	0	Peak
2806	46.28	-27.72	74	40.76	32.66	6.51	33.65	100	0	Peak
3846	48.77	-25.23	74	40.82	33.08	8.67	33.8	100	0	Peak
5150	44.53	-9.47	54	35.52	34.25	9.41	34.65	100	0	Average
5150	61.38	-12.62	74	52.37	34.25	9.41	34.65	100	0	Peak
5180	98.18	-	-	89.22	34.28	9.45	34.77	100	0	Average
5180	108.29	-	-	99.33	34.28	9.45	34.77	100	0	Peak
5350	54.53	-19.47	74	45.74	34.45	9.74	35.4	100	0	Peak
5350	42.63	-11.37	54	33.84	34.45	9.74	35.4	100	0	Average
7475	47.97	-26.03	74	59.41	35.31	10.14	56.89	100	0	Peak
10360	47.79	-40.51	88.3	55.56	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 4	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1494	47.56	-26.44	74	48.45	27.9	4.64	33.43	100	0	Peak
2772	46.29	-27.71	74	40.82	32.62	6.49	33.64	100	0	Peak
3764	47.72	-26.28	74	40.09	32.99	8.44	33.8	100	0	Peak
5150	40.52	-13.48	54	31.51	34.25	9.41	34.65	103	339	Average
5150	55.75	-18.25	74	46.74	34.25	9.41	34.65	103	339	Peak
5180	90.63	-	-	81.67	34.28	9.45	34.77	103	339	Average
5180	101.9	-	-	92.94	34.28	9.45	34.77	103	339	Peak
5350	51.51	-22.49	74	42.72	34.45	9.74	35.4	103	339	Peak
5350	40.53	-13.47	54	31.74	34.45	9.74	35.4	103	339	Average
7490	49.03	-24.97	74	60.47	35.3	10.14	56.88	100	0	Peak
10360	47.25	-41.05	88.3	55.02	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 5	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	49.71	-24.29	74	51.22	27.84	4.31	33.66	100	0	Peak
2780	45.76	-28.24	74	40.28	32.64	6.49	33.65	100	0	Peak
3796	47	-27	74	39.29	33.01	8.5	33.8	100	0	Peak
5150	43.3	-10.7	54	34.29	34.25	9.41	34.65	100	0	Average
5150	55.27	-18.73	74	46.26	34.25	9.41	34.65	100	0	Peak
5220	98.17	-	-	89.22	34.32	9.53	34.9	100	0	Average
5220	109.19	-	-	100.24	34.32	9.53	34.9	100	0	Peak
5350	55.39	-18.61	74	46.6	34.45	9.74	35.4	100	0	Peak
5350	42.81	-11.19	54	34.02	34.45	9.74	35.4	100	0	Average
7475	47.98	-26.02	74	59.42	35.31	10.14	56.89	100	0	Peak
10440	47.17	-41.13	88.3	54.92	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 5	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1500	47.69	-26.31	74	48.58	27.9	4.64	33.43	100	0	Peak
2820	45.65	-28.35	74	40.09	32.68	6.54	33.66	100	0	Peak
3824	47.04	-26.96	74	39.16	33.06	8.62	33.8	100	0	Peak
5150	39.91	-14.09	54	30.9	34.25	9.41	34.65	129	168	Average
5150	51.44	-22.56	74	42.43	34.25	9.41	34.65	129	168	Peak
5220	90.36	-	-	81.41	34.32	9.53	34.9	129	168	Average
5220	100.95	-	-	92	34.32	9.53	34.9	129	168	Peak
5350	50.58	-23.42	74	41.79	34.45	9.74	35.4	129	168	Peak
5350	39.13	-14.87	54	30.34	34.45	9.74	35.4	129	168	Average
7455	48.84	-25.16	74	60.28	35.33	10.13	56.9	100	0	Peak
10440	47.82	-40.48	88.3	55.57	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 6	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	47.45	-26.55	74	48.96	27.84	4.31	33.66	100	0	Peak
2782	46.01	-27.99	74	40.53	32.64	6.49	33.65	100	0	Peak
3754	47.31	-26.69	74	39.71	32.96	8.44	33.8	100	0	Peak
5150	55.64	-18.36	74	46.63	34.25	9.41	34.65	100	0	Peak
5150	43.12	-10.88	54	34.11	34.25	9.41	34.65	100	0	Average
5240	108.81	-	-	99.87	34.33	9.57	34.96	100	0	Peak
5240	98.18	-	-	89.24	34.33	9.57	34.96	100	0	Average
5350	54.3	-19.7	74	45.51	34.45	9.74	35.4	100	0	Peak
5350	42.69	-11.31	54	33.9	34.45	9.74	35.4	100	0	Average
7490	47.47	-26.53	74	58.91	35.3	10.14	56.88	100	0	Peak
10480	47.45	-40.85	88.3	55.19	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 6	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	50.49	-23.51	74	52.03	27.83	4.31	33.68	100	0	Peak
2782	46.5	-27.5	74	41.02	32.64	6.49	33.65	100	0	Peak
3830	48.53	-25.47	74	40.65	33.06	8.62	33.8	100	0	Peak
5150	51.85	-22.15	74	42.84	34.25	9.41	34.65	171	161	Peak
5150	39.51	-14.49	54	30.5	34.25	9.41	34.65	171	161	Average
5240	101.41	-	-	92.47	34.33	9.57	34.96	171	161	Peak
5240	90.53	-	-	81.59	34.33	9.57	34.96	171	161	Average
5350	51.39	-22.61	74	42.6	34.45	9.74	35.4	171	161	Peak
5350	39.12	-14.88	54	30.33	34.45	9.74	35.4	171	161	Average
7490	49.23	-24.77	74	60.67	35.3	10.14	56.88	100	0	Peak
10480	47.17	-41.13	88.3	54.91	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 7	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	47.91	-26.09	74	49.42	27.84	4.31	33.66	100	0	Peak
2782	46.42	-27.58	74	40.94	32.64	6.49	33.65	100	0	Peak
3892	48.75	-25.25	74	40.65	33.16	8.73	33.79	100	0	Peak
5150	44.79	-9.21	54	35.78	34.25	9.41	34.65	100	174	Average
5150	57.58	-16.42	74	48.57	34.25	9.41	34.65	100	174	Peak
5180	96.92	-	-	87.96	34.28	9.45	34.77	100	174	Average
5180	107.45	-	-	98.49	34.28	9.45	34.77	100	174	Peak
5350	53.29	-20.71	74	44.5	34.45	9.74	35.4	100	174	Peak
5350	41.67	-12.33	54	32.88	34.45	9.74	35.4	100	174	Average
7475	47.78	-26.22	74	59.22	35.31	10.14	56.89	100	0	Peak
10360	47.55	-40.75	88.3	55.32	37.49	11.31	56.57	100	0	Peak



Test Mode :	Mode 7	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1502	49.61	-24.39	74	50.37	28.03	4.64	33.43	100	0	Peak
2782	45.44	-28.56	74	39.96	32.64	6.49	33.65	100	0	Peak
3926	49.45	-24.55	74	41.19	33.2	8.85	33.79	100	0	Peak
5150	40.15	-13.85	54	31.14	34.25	9.41	34.65	190	161	Average
5150	51.86	-22.14	74	42.85	34.25	9.41	34.65	190	161	Peak
5180	88.99	-	-	80.03	34.28	9.45	34.77	190	161	Average
5180	100.79	-	-	91.83	34.28	9.45	34.77	190	161	Peak
5350	51.67	-22.33	74	42.88	34.45	9.74	35.4	190	161	Peak
5350	40.2	-13.8	54	31.41	34.45	9.74	35.4	190	161	Average
7475	48.84	-25.16	74	60.28	35.31	10.14	56.89	100	0	Peak
10360	47.92	-40.38	88.3	55.69	37.49	11.31	56.57	100	0	Peak



Test Mode :	Mode 8	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1460	49.65	-24.35	74	50.69	27.89	4.55	33.48	100	0	Peak
2780	45.67	-28.33	74	40.19	32.64	6.49	33.65	100	0	Peak
3890	48.5	-25.5	74	40.4	33.16	8.73	33.79	100	0	Peak
5150	44.07	-9.93	54	35.06	34.25	9.41	34.65	100	170	Average
5150	56.05	-17.95	74	47.04	34.25	9.41	34.65	100	170	Peak
5220	97.12	-	-	88.17	34.32	9.53	34.9	100	170	Average
5220	108.05	-	-	99.1	34.32	9.53	34.9	100	170	Peak
5350	53.77	-20.23	74	44.98	34.45	9.74	35.4	100	170	Peak
5350	41.37	-12.63	54	32.58	34.45	9.74	35.4	100	170	Average
7470	47.89	-26.11	74	59.33	35.31	10.14	56.89	100	0	Peak
10440	47.17	-41.13	88.3	54.92	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 8	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1406	47.24	-26.76	74	48.48	27.87	4.45	33.56	100	0	Peak
2782	46.32	-27.68	74	40.84	32.64	6.49	33.65	100	0	Peak
3898	48.05	-25.95	74	39.89	33.16	8.79	33.79	100	0	Peak
5150	40	-14	54	30.99	34.25	9.41	34.65	169	149	Average
5150	51.78	-22.22	74	42.77	34.25	9.41	34.65	169	149	Peak
5220	90.73	-	-	81.78	34.32	9.53	34.9	169	149	Average
5220	102.15	-	-	93.2	34.32	9.53	34.9	169	149	Peak
5350	54.21	-19.79	74	45.42	34.45	9.74	35.4	169	149	Peak
5350	39.94	-14.06	54	31.15	34.45	9.74	35.4	169	149	Average
7490	48.9	-25.1	74	60.34	35.3	10.14	56.88	100	0	Peak
10440	47.7	-40.6	88.3	55.45	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 9	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	47.94	-26.06	74	49.48	27.83	4.31	33.68	100	0	Peak
2748	45.95	-28.05	74	40.53	32.6	6.46	33.64	100	0	Peak
3832	47.85	-26.15	74	39.95	33.08	8.62	33.8	100	0	Peak
5150	43.83	-10.17	54	34.82	34.25	9.41	34.65	100	191	Average
5150	55.06	-18.94	74	46.05	34.25	9.41	34.65	100	191	Peak
5240	96.64	-	-	87.7	34.33	9.57	34.96	100	191	Average
5240	107.77	-	-	98.83	34.33	9.57	34.96	100	191	Peak
5350	53.45	-20.55	74	44.66	34.45	9.74	35.4	100	191	Peak
5350	41.84	-12.16	54	33.05	34.45	9.74	35.4	100	191	Average
7470	48.09	-25.91	74	59.53	35.31	10.14	56.89	100	0	Peak
10480	47.27	-41.03	88.3	55.01	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 9	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1468	44.01	-29.99	74	44.99	27.89	4.59	33.46	100	0	Peak
2844	45.57	-28.43	74	39.96	32.7	6.57	33.66	100	0	Peak
3890	48.79	-25.21	74	40.69	33.16	8.73	33.79	100	0	Peak
5150	40.07	-13.93	54	31.06	34.25	9.41	34.65	126	149	Average
5150	51.91	-22.09	74	42.9	34.25	9.41	34.65	126	149	Peak
5240	90.48	-	-	81.54	34.33	9.57	34.96	126	149	Average
5240	102.65	-	-	93.71	34.33	9.57	34.96	126	149	Peak
5350	51.55	-22.45	74	42.76	34.45	9.74	35.4	126	149	Peak
5350	39.96	-14.04	54	31.17	34.45	9.74	35.4	126	149	Average
7475	49.23	-24.77	74	60.67	35.31	10.14	56.89	100	0	Peak
10480	47.49	-40.81	88.3	55.23	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 10	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1390	46.44	-27.56	74	47.75	27.86	4.41	33.58	100	0	Peak
2782	45.98	-28.02	74	40.5	32.64	6.49	33.65	100	0	Peak
3800	47.07	-26.93	74	39.28	33.03	8.56	33.8	100	0	Peak
5150	48.61	-5.39	54	39.6	34.25	9.41	34.65	100	168	Average
5150	65.23	-8.77	74	56.22	34.25	9.41	34.65	100	168	Peak
5180	99.83	-	-	90.87	34.28	9.45	34.77	100	168	Average
5180	110.23	-	-	101.27	34.28	9.45	34.77	100	168	Peak
5350	53.7	-20.3	74	44.91	34.45	9.74	35.4	100	168	Peak
5350	41.96	-12.04	54	33.17	34.45	9.74	35.4	100	168	Average
7470	48.8	-25.2	74	60.24	35.31	10.14	56.89	100	0	Peak
10360	48.04	-40.26	88.3	55.81	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 10	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1494	46.34	-27.66	74	47.23	27.9	4.64	33.43	100	0	Peak
2884	45.68	-28.32	74	40.01	32.76	6.59	33.68	100	0	Peak
3776	46.85	-27.15	74	39.16	32.99	8.5	33.8	100	0	Peak
5150	42.73	-11.27	54	33.72	34.25	9.41	34.65	173	40	Average
5150	57.53	-16.47	74	48.52	34.25	9.41	34.65	173	40	Peak
5180	93.26	-	-	84.3	34.28	9.45	34.77	173	40	Average
5180	103.64	-	-	94.68	34.28	9.45	34.77	173	40	Peak
5350	52.03	-21.97	74	43.24	34.45	9.74	35.4	173	40	Peak
5350	39.56	-14.44	54	30.77	34.45	9.74	35.4	173	40	Average
7475	49.05	-24.95	74	60.49	35.31	10.14	56.89	100	0	Peak
10360	47.8	-40.5	88.3	55.57	37.49	11.31	56.57	100	0	Peak



Test Mode :	Mode 11	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1390	46.7	-27.3	74	48.01	27.86	4.41	33.58	100	0	Peak
2820	45.64	-28.36	74	40.08	32.68	6.54	33.66	100	0	Peak
3802	47.39	-26.61	74	39.6	33.03	8.56	33.8	100	0	Peak
5150	45.39	-8.61	54	36.38	34.25	9.41	34.65	100	176	Average
5150	57.06	-16.94	74	48.05	34.25	9.41	34.65	100	176	Peak
5220	100.25	-	-	91.3	34.32	9.53	34.9	100	176	Average
5220	111.08	-	-	102.13	34.32	9.53	34.9	100	176	Peak
5350	54.86	-19.14	74	46.07	34.45	9.74	35.4	100	176	Peak
5350	42.83	-11.17	54	34.04	34.45	9.74	35.4	100	176	Average
7490	48.41	-25.59	74	59.85	35.3	10.14	56.88	100	0	Peak
10440	48.07	-40.23	88.3	55.82	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 11	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1372	48.63	-25.37	74	49.98	27.85	4.41	33.61	100	0	Peak
2822	45.76	-28.24	74	40.2	32.68	6.54	33.66	100	0	Peak
3844	47.1	-26.9	74	39.2	33.08	8.62	33.8	100	0	Peak
5150	39.79	-14.21	54	30.78	34.25	9.41	34.65	168	148	Average
5150	51.3	-22.7	74	42.29	34.25	9.41	34.65	168	148	Peak
5220	91.72	-	-	82.77	34.32	9.53	34.9	168	148	Average
5220	103.18	-	-	94.23	34.32	9.53	34.9	168	148	Peak
5350	51.37	-22.63	74	42.58	34.45	9.74	35.4	168	148	Peak
5350	39.81	-14.19	54	31.02	34.45	9.74	35.4	168	148	Average
7490	49.48	-24.52	74	60.92	35.3	10.14	56.88	100	0	Peak
10440	48.22	-40.08	88.3	55.97	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 12	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1358	46.51	-27.49	74	47.94	27.84	4.36	33.63	100	0	Peak
2822	45.89	-28.11	74	40.33	32.68	6.54	33.66	100	0	Peak
3716	47.95	-26.05	74	40.51	32.91	8.33	33.8	100	0	Peak
5150	58.03	-15.97	74	49.02	34.25	9.41	34.65	100	169	Peak
5150	45.44	-8.56	54	36.43	34.25	9.41	34.65	100	169	Average
5240	110.78	-	-	101.84	34.33	9.57	34.96	100	169	Peak
5240	99.77	-	-	90.83	34.33	9.57	34.96	100	169	Average
5350	53.5	-20.5	74	44.71	34.45	9.74	35.4	100	169	Peak
5350	42.25	-11.75	54	33.46	34.45	9.74	35.4	100	169	Average
7475	48.83	-25.17	74	60.27	35.31	10.14	56.89	100	0	Peak
10480	48.06	-40.24	88.3	55.8	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 12	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1444	45.5	-28.5	74	46.63	27.88	4.5	33.51	100	0	Peak
2788	46.56	-27.44	74	41.08	32.64	6.49	33.65	100	0	Peak
3790	47.67	-26.33	74	39.96	33.01	8.5	33.8	100	0	Peak
5150	53.3	-20.7	74	44.29	34.25	9.41	34.65	156	40	Peak
5150	40.26	-13.74	54	31.25	34.25	9.41	34.65	156	40	Average
5240	104.07	-	-	95.13	34.33	9.57	34.96	156	40	Peak
5240	93.06	-	-	84.12	34.33	9.57	34.96	156	40	Average
5350	52.58	-21.42	74	43.79	34.45	9.74	35.4	156	40	Peak
5350	39.56	-14.44	54	30.77	34.45	9.74	35.4	156	40	Average
7490	49.32	-24.68	74	60.76	35.3	10.14	56.88	100	0	Peak
10480	47.71	-40.59	88.3	55.45	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 13	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1394	44.67	-29.33	74	45.98	27.86	4.41	33.58	100	0	Peak
2780	45.44	-28.56	74	39.96	32.64	6.49	33.65	100	0	Peak
3820	46.82	-27.18	74	38.94	33.06	8.62	33.8	100	0	Peak
5150	45.53	-8.47	54	36.52	34.25	9.41	34.65	100	0	Average
5150	64.15	-9.85	74	55.14	34.25	9.41	34.65	100	0	Peak
5180	98.55	-	-	89.59	34.28	9.45	34.77	100	0	Average
5180	108.93	-	-	99.97	34.28	9.45	34.77	100	0	Peak
5350	54.81	-19.19	74	46.02	34.45	9.74	35.4	100	0	Peak
5350	42.6	-11.4	54	33.81	34.45	9.74	35.4	100	0	Average
7455	48.63	-25.37	74	60.07	35.33	10.13	56.9	100	0	Peak
10360	47.62	-40.68	88.3	55.39	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 13	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1396	46.05	-27.95	74	47.36	27.86	4.41	33.58	100	0	Peak
2782	45.76	-28.24	74	40.28	32.64	6.49	33.65	100	0	Peak
3786	47.12	-26.88	74	39.41	33.01	8.5	33.8	100	0	Peak
5150	40.96	-13.04	54	31.95	34.25	9.41	34.65	103	339	Average
5150	57.51	-16.49	74	48.5	34.25	9.41	34.65	103	339	Peak
5180	91.06	-	-	82.1	34.28	9.45	34.77	103	339	Average
5180	101.91	-	-	92.95	34.28	9.45	34.77	103	339	Peak
5350	51.37	-22.63	74	42.58	34.45	9.74	35.4	103	339	Peak
5350	40.34	-13.66	54	31.55	34.45	9.74	35.4	103	339	Average
7490	49.83	-24.17	74	61.27	35.3	10.14	56.88	100	0	Peak
10360	47.5	-40.8	88.3	55.27	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 14	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	50.33	-23.67	74	51.87	27.83	4.31	33.68	100	0	Peak
2806	46	-28	74	40.48	32.66	6.51	33.65	100	0	Peak
3796	46.81	-27.19	74	39.1	33.01	8.5	33.8	100	0	Peak
5150	43.1	-10.9	54	34.09	34.25	9.41	34.65	100	0	Average
5150	55.01	-18.99	74	46	34.25	9.41	34.65	100	0	Peak
5220	99.04	-	-	90.09	34.32	9.53	34.9	100	0	Average
5220	109.28	-	-	100.33	34.32	9.53	34.9	100	0	Peak
5350	55.4	-18.6	74	46.61	34.45	9.74	35.4	100	0	Peak
5350	42.06	-11.94	54	33.27	34.45	9.74	35.4	100	0	Average
7475	47.92	-26.08	74	59.36	35.31	10.14	56.89	100	0	Peak
10440	47.27	-41.03	88.3	55.02	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 14	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	49.73	-24.27	74	51.24	27.84	4.31	33.66	100	0	Peak
2744	46.07	-27.93	74	40.65	32.6	6.46	33.64	100	0	Peak
3862	46.65	-27.35	74	38.67	33.11	8.67	33.8	100	0	Peak
5150	39.74	-14.26	54	30.73	34.25	9.41	34.65	129	168	Average
5150	51.46	-22.54	74	42.45	34.25	9.41	34.65	129	168	Peak
5220	91.58	-	-	82.63	34.32	9.53	34.9	129	168	Average
5220	102.06	-	-	93.11	34.32	9.53	34.9	129	168	Peak
5350	51.08	-22.92	74	42.29	34.45	9.74	35.4	129	168	Peak
5350	39.07	-14.93	54	30.28	34.45	9.74	35.4	129	168	Average
7490	49.69	-24.31	74	61.13	35.3	10.14	56.88	100	0	Peak
10440	47.75	-40.55	88.3	55.5	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 15	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	49.08	-24.92	74	50.59	27.84	4.31	33.66	100	0	Peak
2780	45.62	-28.38	74	40.14	32.64	6.49	33.65	100	0	Peak
3808	47.73	-26.27	74	39.94	33.03	8.56	33.8	100	0	Peak
5150	56.07	-17.93	74	47.06	34.25	9.41	34.65	100	0	Peak
5150	42.99	-11.01	54	33.98	34.25	9.41	34.65	100	0	Average
5240	109.86	-	-	100.92	34.33	9.57	34.96	100	0	Peak
5240	98.94	-	-	90	34.33	9.57	34.96	100	0	Average
5350	54.3	-19.7	74	45.51	34.45	9.74	35.4	100	0	Peak
5350	42.56	-11.44	54	33.77	34.45	9.74	35.4	100	0	Average
7470	48.31	-25.69	74	59.75	35.31	10.14	56.89	100	0	Peak
10480	47.63	-40.67	88.3	55.37	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 15	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1422	43.84	-30.16	74	45	27.87	4.5	33.53	100	0	Peak
2750	44.15	-29.85	74	38.73	32.6	6.46	33.64	100	0	Peak
3822	46.86	-27.14	74	38.98	33.06	8.62	33.8	100	0	Peak
5150	51.6	-22.4	74	42.59	34.25	9.41	34.65	171	161	Peak
5150	39.51	-14.49	54	30.5	34.25	9.41	34.65	171	161	Average
5240	101.42	-	-	92.48	34.33	9.57	34.96	171	161	Peak
5240	91.16	-	-	82.22	34.33	9.57	34.96	171	161	Average
5350	51.06	-22.94	74	42.27	34.45	9.74	35.4	171	161	Peak
5350	39.1	-14.9	54	30.31	34.45	9.74	35.4	171	161	Average
7455	50.19	-23.81	74	61.63	35.33	10.13	56.9	100	0	Peak
10480	47.43	-40.87	88.3	55.17	37.59	11.14	56.47	100	0	Peak



Test Mode :	Mode 16	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	48.63	-25.37	74	50.14	27.84	4.31	33.66	100	0	Peak
2844	46.24	-27.76	74	40.63	32.7	6.57	33.66	100	0	Peak
3966	49.45	-24.55	74	41.03	33.25	8.96	33.79	100	0	Peak
5150	45.98	-8.02	54	36.97	34.25	9.41	34.65	100	170	Average
5150	61.28	-12.72	74	52.27	34.25	9.41	34.65	100	170	Peak
5180	97.91	-	-	88.95	34.28	9.45	34.77	100	170	Average
5180	108.43	-	-	99.47	34.28	9.45	34.77	100	170	Peak
5350	52.57	-21.43	74	43.78	34.45	9.74	35.4	100	170	Peak
5350	41.33	-12.67	54	32.54	34.45	9.74	35.4	100	170	Average
7490	48.04	-25.96	74	59.48	35.3	10.14	56.88	100	0	Peak
10360	47.36	-26.64	74	55.13	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 16	Temperature :	23~24°C
Test Channel :	36	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	49.56	-24.44	74	51.07	27.84	4.31	33.66	100	0	Peak
2326	48.25	-25.75	74	43.75	32.09	5.92	33.51	100	0	Peak
3926	48.75	-25.25	74	40.49	33.2	8.85	33.79	100	0	Peak
5150	40.27	-13.73	54	31.26	34.25	9.41	34.65	135	161	Average
5150	52.84	-21.16	74	43.83	34.25	9.41	34.65	135	161	Peak
5180	89.34	-	-	80.38	34.28	9.45	34.77	135	161	Average
5180	102.04	-	-	93.08	34.28	9.45	34.77	135	161	Peak
5350	52.11	-21.89	74	43.32	34.45	9.74	35.4	135	161	Peak
5350	40.02	-13.98	54	31.23	34.45	9.74	35.4	135	161	Average
7470	48.41	-25.59	74	59.85	35.31	10.14	56.89	100	0	Peak
10360	47.65	-26.35	74	55.42	37.49	11.31	56.57	100	0	Peak

Test Mode :	Mode 17	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	48.32	-25.68	74	49.86	27.83	4.31	33.68	100	0	Peak
2384	44.39	-29.61	74	39.73	32.16	6.03	33.53	100	0	Peak
3888	48.41	-25.59	74	40.31	33.16	8.73	33.79	100	0	Peak
5150	44.01	-9.99	54	35	34.25	9.41	34.65	100	168	Average
5150	55.22	-18.78	74	46.21	34.25	9.41	34.65	100	168	Peak
5220	98.22	-	-	89.27	34.32	9.53	34.9	100	168	Average
5220	108.97	-	-	100.02	34.32	9.53	34.9	100	168	Peak
5350	53.33	-20.67	74	44.54	34.45	9.74	35.4	100	168	Peak
5350	41.18	-12.82	54	32.39	34.45	9.74	35.4	100	168	Average
7475	48.47	-25.53	74	59.91	35.31	10.14	56.89	100	0	Peak
10440	47.73	-26.27	74	55.48	37.55	11.21	56.51	100	0	Peak



Test Mode :	Mode 17	Temperature :	23~24°C
Test Channel :	44	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1454	44.81	-29.19	74	45.85	27.89	4.55	33.48	100	0	Peak
2390	47.95	-26.05	74	43.27	32.18	6.03	33.53	100	0	Peak
3830	48.6	-25.4	74	40.72	33.06	8.62	33.8	100	0	Peak
5150	39.98	-14.02	54	30.97	34.25	9.41	34.65	169	147	Average
5150	51.28	-22.72	74	42.27	34.25	9.41	34.65	169	147	Peak
5220	91.51	-	-	82.56	34.32	9.53	34.9	169	147	Average
5220	103.91	-	-	95.01	34.33	9.53	34.96	169	147	Peak
5350	52.52	-21.48	74	43.73	34.45	9.74	35.4	169	147	Peak
5350	39.67	-14.33	54	30.88	34.45	9.74	35.4	169	147	Average
7470	48.16	-25.84	74	59.6	35.31	10.14	56.89	100	0	Peak
10440	47.47	-26.53	74	55.22	37.55	11.21	56.51	100	0	Peak

Test Mode :	Mode 18	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	47.79	-26.21	74	49.3	27.84	4.31	33.66	100	0	Peak
2388	44.85	-29.15	74	40.17	32.18	6.03	33.53	100	0	Peak
3894	48.03	-25.97	74	39.87	33.16	8.79	33.79	100	0	Peak
5150	43.8	-10.2	54	34.79	34.25	9.41	34.65	100	191	Average
5150	54.9	-19.1	74	45.89	34.25	9.41	34.65	100	191	Peak
5240	98.12	-	-	89.18	34.33	9.57	34.96	100	191	Average
5240	109.47	-	-	100.53	34.33	9.57	34.96	100	191	Peak
5350	52.59	-21.41	74	43.8	34.45	9.74	35.4	100	191	Peak
5350	41.8	-12.2	54	33.01	34.45	9.74	35.4	100	191	Average
7475	47.66	-26.34	74	59.1	35.31	10.14	56.89	100	0	Peak
10480	47.72	-26.28	74	55.46	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 18	Temperature :	23~24°C
Test Channel :	48	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1460	43.9	-30.1	74	44.94	27.89	4.55	33.48	100	0	Peak
2844	45.71	-28.29	74	40.1	32.7	6.57	33.66	100	0	Peak
3878	46.96	-27.04	74	38.89	33.13	8.73	33.79	100	0	Peak
5150	40.1	-13.9	54	31.09	34.25	9.41	34.65	126	149	Average
5150	51.18	-22.82	74	42.17	34.25	9.41	34.65	126	149	Peak
5240	92.66	-	-	83.72	34.33	9.57	34.96	126	149	Average
5240	103.98	-	-	95.04	34.33	9.57	34.96	126	149	Peak
5350	51.12	-22.88	74	42.33	34.45	9.74	35.4	126	149	Peak
5350	39.97	-14.03	54	31.18	34.45	9.74	35.4	126	149	Average
7490	48.7	-25.3	74	60.14	35.3	10.14	56.88	100	0	Peak
10480	47.03	-26.97	74	54.77	37.59	11.14	56.47	100	0	Peak

Test Mode :	Mode 19	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	49.65	-24.35	74	51.19	27.83	4.31	33.68	100	0	Peak
2780	46.47	-27.53	74	40.99	32.64	6.49	33.65	100	0	Peak
3772	47.33	-26.67	74	39.64	32.99	8.5	33.8	100	0	Peak
5150	72.72	-1.28	74	63.71	34.25	9.41	34.65	100	169	Peak
5150	51.01	-2.99	54	42	34.25	9.41	34.65	100	169	Average
5190	105.2	-	-	96.2	34.28	9.49	34.77	100	169	Peak
5190	85.34	-	-	76.34	34.28	9.49	34.77	100	169	Average
5350	53.82	-20.18	74	45.03	34.45	9.74	35.4	100	169	Peak
5350	42.26	-11.74	54	33.47	34.45	9.74	35.4	100	169	Average
7455	48.04	-25.96	74	59.48	35.33	10.13	56.9	100	0	Peak
10380	47.75	-40.55	88.3	55.53	37.51	11.27	56.56	100	0	Peak

Test Mode :	Mode 19	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1396	45.36	-28.64	74	46.67	27.86	4.41	33.58	100	0	Peak
2782	46.55	-27.45	74	41.07	32.64	6.49	33.65	100	0	Peak
3822	48.2	-25.8	74	40.32	33.06	8.62	33.8	100	0	Peak
5150	42.64	-11.36	54	33.63	34.25	9.41	34.65	144	44	Average
5150	62.05	-11.95	74	53.04	34.25	9.41	34.65	144	44	Peak
5190	86.49	-	-	77.49	34.28	9.49	34.77	144	44	Average
5190	96.76	-	-	87.76	34.28	9.49	34.77	144	44	Peak
5350	49.77	-24.23	74	40.98	34.45	9.74	35.4	144	44	Peak
5350	39.09	-14.91	54	30.3	34.45	9.74	35.4	144	44	Average
7470	49.71	-24.29	74	61.15	35.31	10.14	56.89	100	0	Peak
10380	47.76	-40.54	88.3	55.54	37.51	11.27	56.56	100	0	Peak

Test Mode :	Mode 20	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	47.57	-26.43	74	49.11	27.83	4.31	33.68	100	0	Peak
2780	45.9	-28.1	74	40.42	32.64	6.49	33.65	100	0	Peak
3842	47.07	-26.93	74	39.17	33.08	8.62	33.8	100	0	Peak
5150	70.22	-3.78	74	61.21	34.25	9.41	34.65	100	185	Peak
5150	52.98	-1.02	54	43.97	34.25	9.41	34.65	100	185	Average
5230	110.94	-	-	102.04	34.33	9.53	34.96	100	185	Peak
5230	100.19	-	-	91.29	34.33	9.53	34.96	100	185	Average
5350	59.61	-14.39	74	50.82	34.45	9.74	35.4	100	185	Peak
5350	47.97	-6.03	54	39.18	34.45	9.74	35.4	100	185	Average
7475	48.81	-25.19	74	60.25	35.31	10.14	56.89	100	0	Peak
10460	47.71	-40.59	88.3	55.47	37.56	11.18	56.5	100	0	Peak

Test Mode :	Mode 20	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1470	48.01	-25.99	74	48.99	27.89	4.59	33.46	100	0	Peak
2820	45.82	-28.18	74	40.26	32.68	6.54	33.66	100	0	Peak
3818	47.24	-26.76	74	39.42	33.06	8.56	33.8	100	0	Peak
5150	59.9	-14.1	74	50.89	34.25	9.41	34.65	138	146	Peak
5150	43.29	-10.71	54	34.28	34.25	9.41	34.65	138	146	Average
5230	103.57	-	-	94.67	34.33	9.53	34.96	138	146	Peak
5230	93.18	-	-	84.28	34.33	9.53	34.96	138	146	Average
5350	55.23	-18.77	74	46.44	34.45	9.74	35.4	138	146	Peak
5350	42.15	-11.85	54	33.36	34.45	9.74	35.4	138	146	Average
7475	49.38	-24.62	74	60.82	35.31	10.14	56.89	100	0	Peak
10460	48.35	-39.95	88.3	56.11	37.56	11.18	56.5	100	0	Peak



Test Mode :	Mode 21	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1396	46.65	-27.35	74	47.96	27.86	4.41	33.58	100	0	Peak
2784	45.72	-28.28	74	40.24	32.64	6.49	33.65	100	0	Peak
3916	48.4	-25.6	74	40.14	33.2	8.85	33.79	100	0	Peak
5150	52.34	-1.66	54	43.33	34.25	9.41	34.65	100	0	Average
5150	70.86	-3.14	74	61.85	34.25	9.41	34.65	100	0	Peak
5190	94.53	-	-	85.53	34.28	9.49	34.77	100	0	Average
5190	105.38	-	-	96.38	34.28	9.49	34.77	100	0	Peak
5350	54.22	-19.78	74	45.43	34.45	9.74	35.4	100	0	Peak
5350	42.62	-11.38	54	33.83	34.45	9.74	35.4	100	0	Average
7490	49.02	-24.98	74	60.46	35.3	10.14	56.88	100	0	Peak
10380	47.01	-41.29	88.3	54.79	37.51	11.27	56.56	100	0	Peak

Test Mode :	Mode 21	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1470	48.48	-25.52	74	49.46	27.89	4.59	33.46	100	0	Peak
2742	46.13	-27.87	74	40.73	32.58	6.46	33.64	100	0	Peak
3898	48.7	-25.3	74	40.54	33.16	8.79	33.79	100	0	Peak
5150	44.29	-9.71	54	35.28	34.25	9.41	34.65	100	158	Average
5150	62.01	-11.99	74	53	34.25	9.41	34.65	100	158	Peak
5190	85.71	-	-	76.71	34.28	9.49	34.77	100	158	Average
5190	96.63	-	-	87.63	34.28	9.49	34.77	100	158	Peak
5350	51.32	-22.68	74	42.53	34.45	9.74	35.4	100	158	Peak
5350	39.28	-14.72	54	30.49	34.45	9.74	35.4	100	158	Average
7475	48.94	-25.06	74	60.38	35.31	10.14	56.89	100	0	Peak
10380	47.84	-40.46	88.3	55.62	37.51	11.27	56.56	100	0	Peak

Test Mode :	Mode 22	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1494	45.79	-28.21	74	46.68	27.9	4.64	33.43	100	0	Peak
2862	45.75	-28.25	74	40.09	32.74	6.59	33.67	100	0	Peak
3884	47.26	-26.74	74	39.16	33.16	8.73	33.79	100	0	Peak
5150	48.58	-5.42	54	39.57	34.25	9.41	34.65	100	0	Average
5150	64.98	-9.02	74	55.97	34.25	9.41	34.65	100	0	Peak
5230	98.54	-	-	89.64	34.33	9.53	34.96	100	0	Average
5230	109.77	-	-	100.87	34.33	9.53	34.96	100	0	Peak
5350	57.66	-16.34	74	48.87	34.45	9.74	35.4	100	0	Peak
5350	44.7	-9.3	54	35.91	34.45	9.74	35.4	100	0	Average
7475	48.16	-25.84	74	59.6	35.31	10.14	56.89	100	0	Peak
10460	47.21	-41.09	88.3	54.97	37.56	11.18	56.5	100	0	Peak

Test Mode :	Mode 22	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1492	46.08	-27.92	74	47.02	27.9	4.59	33.43	100	0	Peak
2878	46.6	-27.4	74	40.94	32.74	6.59	33.67	100	0	Peak
3908	48.63	-25.37	74	40.45	33.18	8.79	33.79	100	0	Peak
5150	42.09	-11.91	54	33.08	34.25	9.41	34.65	115	160	Average
5150	56.22	-17.78	74	47.21	34.25	9.41	34.65	115	160	Peak
5230	90.81	-	-	81.91	34.33	9.53	34.96	115	160	Average
5230	102.01	-	-	93.11	34.33	9.53	34.96	115	160	Peak
5350	51.52	-22.48	74	42.73	34.45	9.74	35.4	115	160	Peak
5350	39.53	-14.47	54	30.74	34.45	9.74	35.4	115	160	Average
7475	49.5	-24.5	74	60.94	35.31	10.14	56.89	100	0	Peak
10460	47.77	-40.53	88.3	55.53	37.56	11.18	56.5	100	0	Peak



Test Mode :	Mode 23	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1326	49.81	-24.19	74	51.35	27.83	4.31	33.68	100	0	Peak
2388	46	-28	74	41.32	32.18	6.03	33.53	100	0	Peak
3716	48.14	-25.86	74	40.7	32.91	8.33	33.8	100	0	Peak
5150	50.99	-3.01	54	41.98	34.25	9.41	34.65	100	187	Average
5150	72.74	-1.26	74	63.73	34.25	9.41	34.65	100	187	Peak
5190	93.81	-	-	84.81	34.28	9.49	34.77	100	187	Average
5190	105.94	-	-	96.98	34.28	9.45	34.77	100	187	Peak
5350	53.95	-20.05	74	45.16	34.45	9.74	35.4	100	187	Peak
5350	42.13	-11.87	54	33.34	34.45	9.74	35.4	100	187	Average
7490	47.67	-26.33	74	59.11	35.3	10.14	56.88	100	0	Peak
10380	46.56	-27.44	74	54.34	37.51	11.27	56.56	100	0	Peak

Test Mode :	Mode 23	Temperature :	23~24°C
Test Channel :	38	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1454	47.6	-26.4	74	48.64	27.89	4.55	33.48	100	0	Peak
2388	47.57	-26.43	74	42.89	32.18	6.03	33.53	100	0	Peak
3950	48.96	-25.04	74	40.6	33.25	8.9	33.79	100	0	Peak
5150	43.42	-10.58	54	34.41	34.25	9.41	34.65	173	160	Average
5150	62.22	-11.78	74	53.21	34.25	9.41	34.65	173	160	Peak
5190	85.83	-	-	76.83	34.28	9.49	34.77	173	160	Average
5190	98.63	-	-	89.67	34.28	9.45	34.77	173	160	Peak
5350	52.29	-21.71	74	43.5	34.45	9.74	35.4	173	160	Peak
5350	40.01	-13.99	54	31.22	34.45	9.74	35.4	173	160	Average
7455	48.52	-25.48	74	59.96	35.33	10.13	56.9	100	0	Peak
10380	47.33	-26.67	74	55.11	37.51	11.27	56.56	100	0	Peak



Test Mode :	Mode 24	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1332	49.2	-24.8	74	50.71	27.84	4.31	33.66	100	0	Peak
2352	44.24	-29.76	74	39.68	32.13	5.95	33.52	100	0	Peak
3892	48.92	-25.08	74	40.82	33.16	8.73	33.79	100	0	Peak
5150	64.15	-9.85	74	55.14	34.25	9.41	34.65	100	189	Peak
5150	49.37	-4.63	54	40.36	34.25	9.41	34.65	100	189	Average
5230	108.47	-	-	99.57	34.33	9.53	34.96	100	189	Peak
5230	97.07	-	-	88.17	34.33	9.53	34.96	100	189	Average
5350	58.23	-15.77	74	49.44	34.45	9.74	35.4	100	189	Peak
5350	46.37	-7.63	54	37.58	34.45	9.74	35.4	100	189	Average
7475	47.4	-26.6	74	58.84	35.31	10.14	56.89	100	0	Peak
10460	47.75	-26.25	74	55.51	37.56	11.18	56.5	100	0	Peak

Test Mode :	Mode 24	Temperature :	23~24°C
Test Channel :	46	Relative Humidity :	48~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1462	50.64	-23.36	74	51.68	27.89	4.55	33.48	100	0	Peak
2782	46.48	-27.52	74	41	32.64	6.49	33.65	100	0	Peak
3886	48.09	-25.91	74	39.99	33.16	8.73	33.79	100	0	Peak
5150	54.24	-19.76	74	45.23	34.25	9.41	34.65	137	157	Peak
5150	41.58	-12.42	54	32.57	34.25	9.41	34.65	137	157	Average
5230	103.08	-	-	94.13	34.32	9.53	34.9	137	157	Peak
5230	90.06	-	-	81.16	34.33	9.53	34.96	137	157	Average
5350	54.64	-19.36	74	45.85	34.45	9.74	35.4	137	157	Peak
5350	43.25	-10.75	54	34.46	34.45	9.74	35.4	137	157	Average
7475	47.8	-26.2	74	59.24	35.31	10.14	56.89	100	0	Peak
10460	47.88	-26.12	74	55.64	37.56	11.18	56.5	100	0	Peak