

Appendix C. Test Result of Antenna 3

Antenna Information		
Antenna 3	Model Name	AS123-F
	Antenna Type	Dipole Antenna
	Antenna Gain	2 dBi for WLAN (2.4G) ; 3 dBi for WLAN (5G)

Test Cases	
Test Item	802.11b (Modulation : DSSS) 802.11a/g/n (Modulation : OFDM)
Radiated TCs	Mode 1: 802.11b_CH01_2412 MHz Mode 2: 802.11b_CH06_2437 MHz Mode 3: 802.11b_CH11_2462 MHz Mode 4: 802.11g_CH01_2412 MHz Mode 5: 802.11g_CH06_2437 MHz Mode 6: 802.11g_CH11_2462 MHz Mode 7: 802.11n_CH01_2412 MHz (BW 20M) Mode 8: 802.11n_CH06_2437 MHz (BW 20M) Mode 9: 802.11n_CH11_2462 MHz (BW 20M) Mode 10: 802.11n_CH03_2422 MHz (BW 40M) Mode 11: 802.11n_CH06_2437 MHz (BW 40M) Mode 12: 802.11n_CH09_2452 MHz (BW 40M) Mode 13: 802.11a_CH149_5745 MHz Mode 14: 802.11a_CH157_5785 MHz Mode 15: 802.11a_CH165_5825 MHz Mode 16: 802.11a_CH149_5745 MHz (BW 20M) Mode 17: 802.11a_CH157_5785 MHz (BW 20M) Mode 18: 802.11a_CH165_5825 MHz (BW 20M) Mode 19: 802.11n_CH151_5755 MHz (BW 40M) Mode 20: 802.11n_CH159_5795 MHz (BW 40M) Mode 21: 802.11b_CH11_2462 MHz + + 802.11a_CH36_5180 MHz +802.11a_CH149_5745 MHz
Remark: Mode 4~20 of radiation test only performed Band Edges.	

➤ **Test Result of Radiated Band Edges**

Test Mode :	Mode 1	Temperature :	24~25°C
Test Band :	802.11b	Relative Humidity :	49~50%
Test Channel :	01	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
2325.01	61.78	-12.22	74	57.59	32.09	5.92	33.82	100	102	Peak
2325.01	52.9	-1.1	54	48.71	32.09	5.92	33.82	100	102	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
2322.54	54.17	-19.83	74	49.98	32.09	5.92	33.82	100	304	Peak
2322.54	45.35	-8.65	54	41.16	32.09	5.92	33.82	100	304	Average

Test Mode :	Mode 3	Temperature :	24~25°C
Test Band :	802.11b	Relative Humidity :	49~50%
Test Channel :	11	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
2484.42	65.67	-8.33	74	61.11	32.28	6.18	33.9	100	107	Peak
2484.42	52.95	-1.05	54	48.39	32.28	6.18	33.9	100	107	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
2483.85	62.1	-11.9	74	57.54	32.28	6.18	33.9	100	13	Peak
2483.85	51.25	-2.75	54	46.69	32.28	6.18	33.9	100	13	Average



Test Mode :	Mode 4	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	49~50%
Test Channel :	01	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
2389.42	69.88	-4.12	74	65.52	32.18	6.03	33.85	100	102	Peak
2389.42	49.58	-4.42	54	45.22	32.18	6.03	33.85	100	102	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
2388.85	64.42	-9.58	74	60.06	32.18	6.03	33.85	100	304	Peak
2388.85	46.56	-7.44	54	42.2	32.18	6.03	33.85	100	304	Average

Test Mode :	Mode 6	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	49~50%
Test Channel :	11	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
2483.5	72.48	-1.52	74	67.92	32.28	6.18	33.9	100	107	Peak
2483.5	50.14	-3.86	54	45.58	32.28	6.18	33.9	100	107	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
2484.42	69.42	-4.58	74	64.86	32.28	6.18	33.9	100	13	Peak
2484.42	47.86	-6.14	54	43.3	32.28	6.18	33.9	100	13	Average



Test Mode :	Mode 7	Temperature :	24~25°C
Test Band :	802.11n (BW 20MHz)	Relative Humidity :	49~50%
Test Channel :	01	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
2387.33	71.21	-2.79	74	66.85	32.18	6.03	33.85	152	73	Peak
2387.33	52.28	-1.72	54	47.92	32.18	6.03	33.85	152	73	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
2388.09	67.78	-6.22	74	63.42	32.18	6.03	33.85	100	65	Peak
2388.09	49.24	-4.76	54	44.88	32.18	6.03	33.85	100	65	Average

Test Mode :	Mode 9	Temperature :	24~25°C
Test Band :	802.11n (BW 20MHz)	Relative Humidity :	49~50%
Test Channel :	11	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
2483.5	70.5	-3.5	74	65.94	32.28	6.18	33.9	126	80	Peak
2483.5	52.04	-1.96	54	47.48	32.28	6.18	33.9	126	80	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
2484.42	70.71	-3.29	74	66.15	32.28	6.18	33.9	100	72	Peak
2484.42	49.41	-4.59	54	44.85	32.28	6.18	33.9	100	72	Average



Test Mode :	Mode 10	Temperature :	24~25°C
Test Band :	802.11n (BW 40MHz)	Relative Humidity :	49~50%
Test Channel :	03	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
2390	72.02	-1.98	74	67.66	32.18	6.03	33.85	100	81	Peak
2390	52.64	-1.36	54	48.28	32.18	6.03	33.85	100	81	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
2390	68.73	-5.27	74	64.37	32.18	6.03	33.85	100	63	Peak
2390	49.76	-4.24	54	45.4	32.18	6.03	33.85	100	63	Average

Test Mode :	Mode 12	Temperature :	24~25°C
Test Band :	802.11n (BW 40MHz)	Relative Humidity :	49~50%
Test Channel :	09	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
2483.85	72.94	-1.06	74	68.38	32.28	6.18	33.9	157	82	Peak
2483.85	50.97	-3.03	54	46.41	32.28	6.18	33.9	157	82	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
2484.42	70.53	-3.47	74	65.97	32.28	6.18	33.9	100	63	Peak
2484.42	49.32	-4.68	54	44.76	32.28	6.18	33.9	100	63	Average

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

Test Mode :	Mode 1	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2412 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
42.69	30.28	-9.72	40	49.56	11.59	0.64	31.51	123	111	Peak
225.21	21.8	-24.2	46	40.91	10.89	1.45	31.45	-	-	Peak
285.69	29.09	-16.91	46	45.51	13.24	1.67	31.33	-	-	Peak
324.5	29.25	-16.75	46	44.5	14.24	1.83	31.32	-	-	Peak
447.7	25.84	-20.16	46	37.28	17.36	2.3	31.1	-	-	Peak
729.8	27.39	-18.61	46	33.78	21.35	3.01	30.75	-	-	Peak
2325.01	52.9	-1.1	54	48.71	32.09	5.92	33.82	100	102	Average
2325.01	61.78	-12.22	74	57.59	32.09	5.92	33.82	100	102	Peak
2412	112.58	-	-	108.18	32.2	6.07	33.87	100	102	Peak
2412	108.42	-	-	104.02	32.2	6.07	33.87	100	102	Average
2500	62.96	-11.04	74	58.38	32.3	6.18	33.9	100	102	Peak
2500	52.62	-1.38	54	48.04	32.3	6.18	33.9	100	102	Average
2540	62.48	-30.1	92.58	57.86	32.36	6.23	33.97	100	102	Peak

Test Mode :	Mode 1	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2412 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
44.58	36.96	-3.04	40	57.14	10.67	0.65	31.5	100	156	Peak
75.09	26.21	-13.79	40	50.19	6.71	0.85	31.54	-	-	Peak
276.78	26.55	-19.45	46	43.18	13.09	1.64	31.36	-	-	Peak
304.9	25.25	-20.75	46	41.19	13.61	1.78	31.33	-	-	Peak
447.7	27.58	-18.42	46	39.02	17.36	2.3	31.1	-	-	Peak
596.1	25.45	-20.55	46	33.98	19.71	2.68	30.92	-	-	Peak
2322.54	45.35	-8.65	54	41.16	32.09	5.92	33.82	100	304	Average
2322.54	54.17	-19.83	74	49.98	32.09	5.92	33.82	100	304	Peak
2412	103.15	-	-	98.75	32.2	6.07	33.87	100	304	Peak
2412	99.17	-	-	94.77	32.2	6.07	33.87	100	304	Average
2500	55.06	-18.94	74	50.48	32.3	6.18	33.9	100	304	Peak
2500	44.66	-9.34	54	40.08	32.3	6.18	33.9	100	304	Average
2540	55.29	-27.86	83.15	50.67	32.36	6.23	33.97	100	304	Peak

Test Mode :	Mode 2	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2437 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
43.5	30.64	-9.36	40	50.37	11.13	0.64	31.5	111	102	Peak
236.82	21.84	-24.16	46	40.05	11.71	1.51	31.43	-	-	Peak
286.5	29.73	-16.27	46	46.15	13.24	1.67	31.33	-	-	Peak
329.4	29.82	-16.18	46	44.89	14.39	1.85	31.31	-	-	Peak
447.7	26.65	-19.35	46	38.09	17.36	2.3	31.1	-	-	Peak
727.7	26.95	-19.05	46	33.37	21.32	3.01	30.75	-	-	Peak
2316	67	-7	74	62.83	32.07	5.92	33.82	102	92	Peak
2316	49.88	-4.12	54	45.71	32.07	5.92	33.82	102	92	Average
2437	117.32	-	-	112.85	32.24	6.11	33.88	102	92	Peak
2437	113.04	-	-	108.57	32.24	6.11	33.88	102	92	Average
2500	59.77	-14.23	74	55.19	32.3	6.18	33.9	102	92	Peak
2500	47.53	-6.47	54	42.95	32.3	6.18	33.9	102	92	Average
7311	51.56	-22.44	74	64.18	35.45	10.06	58.13	117	337	Peak
7311	43.9	-10.1	54	56.52	35.45	10.06	58.13	117	337	Average

Test Mode :	Mode 2	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2437 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
44.85	36.36	-3.64	40	56.54	10.67	0.65	31.5	100	211	Peak
76.98	26.01	-13.99	40	49.81	6.88	0.86	31.54	-	-	Peak
277.05	26.2	-19.8	46	42.82	13.1	1.64	31.36	-	-	Peak
307	24.88	-21.12	46	40.72	13.7	1.79	31.33	-	-	Peak
447.7	26.56	-19.44	46	38	17.36	2.3	31.1	-	-	Peak
729.8	27.53	-18.47	46	33.92	21.35	3.01	30.75	-	-	Peak
2350	56.47	-17.53	74	52.24	32.11	5.95	33.83	100	302	Peak
2350	46.77	-7.23	54	42.54	32.11	5.95	33.83	100	302	Average
2437	109.13	-	-	104.66	32.24	6.11	33.88	100	302	Peak
2437	104.28	-	-	99.81	32.24	6.11	33.88	100	302	Average
2484	41.14	-12.86	54	36.58	32.28	6.18	33.9	100	302	Average
2484	54.1	-19.9	74	49.54	32.28	6.18	33.9	100	302	Peak
2564	55.58	-33.55	89.13	50.95	32.38	6.26	34.01	100	302	Peak
4874	47.59	-26.41	74	63.42	34.08	9.13	59.04	100	0	Peak
7311	48.21	-25.79	74	60.83	35.45	10.06	58.13	100	0	Peak

Test Mode :	Mode 3	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2462 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
42.69	30.33	-9.67	40	49.61	11.59	0.64	31.51	100	215	Peak
225.21	21.85	-24.15	46	40.96	10.89	1.45	31.45	-	-	Peak
285.42	29.17	-16.83	46	45.61	13.23	1.66	31.33	-	-	Peak
329.4	29.14	-16.86	46	44.21	14.39	1.85	31.31	-	-	Peak
500.2	25.45	-20.55	46	35.84	18.23	2.45	31.07	-	-	Peak
730.5	27.21	-18.79	46	33.58	21.37	3.01	30.75	-	-	Peak
2340	46.55	-7.45	54	42.32	32.11	5.95	33.83	100	107	Average
2340	60.57	-13.43	74	56.34	32.11	5.95	33.83	100	107	Peak
2462	107.85	-	-	103.34	32.26	6.14	33.89	100	107	Average
2462	111.78	-	-	107.27	32.26	6.14	33.89	100	107	Peak
2484.42	65.67	-8.33	74	61.11	32.28	6.18	33.9	100	107	Peak
2484.42	52.95	-1.05	54	48.39	32.28	6.18	33.9	100	107	Average
4924	43.43	-30.57	74	59.15	34.09	9.15	58.96	100	0	Peak
7386	47.21	-26.79	74	59.9	35.38	10.1	58.17	100	0	Peak

Test Mode :	Mode 3	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2462 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
44.85	36.34	-3.66	40	56.52	10.67	0.65	31.5	100	211	Peak
77.25	25.99	-14.01	40	49.68	6.97	0.87	31.53	-	-	Peak
269.49	28.15	-17.85	46	44.9	12.98	1.64	31.37	-	-	Peak
307	25.08	-20.92	46	40.92	13.7	1.79	31.33	-	-	Peak
447.7	27.03	-18.97	46	38.47	17.36	2.3	31.1	-	-	Peak
624.1	25.24	-20.76	46	33.35	20.03	2.76	30.9	-	-	Peak
2340	59.21	-14.79	74	54.98	32.11	5.95	33.83	100	13	Peak
2340	45.77	-8.23	54	41.54	32.11	5.95	33.83	100	13	Average
2462	103.35	-	-	98.84	32.26	6.14	33.89	100	13	Peak
2462	99.56	-	-	95.05	32.26	6.14	33.89	100	13	Average
2483.85	62.1	-11.9	74	57.54	32.28	6.18	33.9	100	13	Peak
2483.85	51.25	-2.75	54	46.69	32.28	6.18	33.9	100	13	Average
2588	62.06	-21.29	83.35	57.42	32.4	6.28	34.04	100	13	Peak
4924	45.47	-28.53	74	61.19	34.09	9.15	58.96	100	0	Peak
7386	45.26	-28.74	74	57.95	35.38	10.1	58.17	100	0	Peak



Test Mode :	Mode 4	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2412 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
2389.42	49.58	-4.42	54	45.22	32.18	6.03	33.85	100	102	Average
2389.42	69.88	-4.12	74	65.52	32.18	6.03	33.85	100	102	Peak
2412	109.44	-	-	105.04	32.2	6.07	33.87	100	102	Peak
2412	98.11	-	-	93.71	32.2	6.07	33.87	100	102	Average
2494	63.99	-10.01	74	59.41	32.3	6.18	33.9	100	102	Peak
2494	52.34	-1.66	54	47.76	32.3	6.18	33.9	100	102	Average
2532	64.35	-25.09	89.44	59.75	32.34	6.23	33.97	100	102	Peak



Test Mode :	Mode 4	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2412 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
2388.85	64.42	-9.58	74	60.06	32.18	6.03	33.85	100	304	Peak
2388.85	46.56	-7.44	54	42.2	32.18	6.03	33.85	100	304	Average
2412	102.65	-	-	98.25	32.2	6.07	33.87	100	304	Peak
2412	91.95	-	-	87.55	32.2	6.07	33.87	100	304	Average
2494	43.9	-10.1	54	39.32	32.3	6.18	33.9	100	304	Average
2494	56.04	-17.96	74	51.46	32.3	6.18	33.9	100	304	Peak



Test Mode :	Mode 5	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2437 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
2390	69.4	-4.6	74	65.04	32.18	6.03	33.85	102	92	Peak
2390	51.15	-2.85	54	46.79	32.18	6.03	33.85	102	92	Average
2437	117.31	-	-	112.84	32.24	6.11	33.88	102	92	Peak
2437	105.68	-	-	101.21	32.24	6.11	33.88	102	92	Average
2484	69.79	-4.21	74	65.23	32.28	6.18	33.9	102	92	Peak
2484	52.49	-1.51	54	47.93	32.28	6.18	33.9	102	92	Average



Test Mode :	Mode 5	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2437 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
2390	63.33	-10.67	74	58.97	32.18	6.03	33.85	100	302	Peak
2390	46.82	-7.18	54	42.46	32.18	6.03	33.85	100	302	Average
2437	106.73	-	-	102.26	32.24	6.11	33.88	100	302	Peak
2437	95.34	-	-	90.87	32.24	6.11	33.88	100	302	Average
2484	61.7	-12.3	74	57.14	32.28	6.18	33.9	100	302	Peak
2484	46.23	-7.77	54	41.67	32.28	6.18	33.9	100	302	Average

Test Mode :	Mode 6	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2462 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
2380	57.48	-16.52	74	53.14	32.16	6.03	33.85	100	107	Peak
2380	45.95	-8.05	54	41.61	32.16	6.03	33.85	100	107	Average
2462	108.03	-	-	103.52	32.26	6.14	33.89	100	107	Peak
2462	96.6	-	-	92.09	32.26	6.14	33.89	100	107	Average
2483.5	72.48	-1.52	74	67.92	32.28	6.18	33.9	100	107	Peak
2483.5	50.14	-3.86	54	45.58	32.28	6.18	33.9	100	107	Average



Test Mode :	Mode 6	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2462 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
2342	44.1	-9.9	54	39.87	32.11	5.95	33.83	100	13	Average
2342	57.02	-16.98	74	52.79	32.11	5.95	33.83	100	13	Peak
2462	101.43	-	-	96.92	32.26	6.14	33.89	100	13	Peak
2462	90.14	-	-	85.63	32.26	6.14	33.89	100	13	Average
2484.42	69.42	-4.58	74	64.86	32.28	6.18	33.9	100	13	Peak
2484.42	47.86	-6.14	54	43.3	32.28	6.18	33.9	100	13	Average

Test Mode :	Mode 7	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2412 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
42.69	30.06	-9.94	40	49.34	11.59	0.64	31.51	100	213	Peak
265.17	26.1	-19.9	46	42.98	12.9	1.62	31.4	-	-	Peak
285.69	29.51	-16.49	46	45.93	13.24	1.67	31.33	-	-	Peak
332.2	29.47	-16.53	46	44.44	14.48	1.86	31.31	-	-	Peak
447.7	27.07	-18.93	46	38.51	17.36	2.3	31.1	-	-	Peak
727.7	26.24	-19.76	46	32.66	21.32	3.01	30.75	-	-	Peak
2387.33	52.28	-1.72	54	47.92	32.18	6.03	33.85	152	73	Average
2387.33	71.21	-2.79	74	66.85	32.18	6.03	33.85	152	73	Peak
2412	114.39	-	-	109.99	32.2	6.07	33.87	152	73	Peak
2412	97.76	-	-	93.36	32.2	6.07	33.87	152	73	Average
2500	64.42	-9.58	74	59.84	32.3	6.18	33.9	152	73	Peak
2500	51.84	-2.16	54	47.26	32.3	6.18	33.9	152	73	Average
2532	64.05	-30.34	94.39	59.45	32.34	6.23	33.97	152	73	Peak



Test Mode :	Mode 7	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2412 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
45.39	36.29	-3.71	40	56.86	10.27	0.66	31.5	122	103	Peak
76.98	26.21	-13.79	40	50.01	6.88	0.86	31.54	-	-	Peak
276.78	26.4	-19.6	46	43.03	13.09	1.64	31.36	-	-	Peak
304.9	24.64	-21.36	46	40.58	13.61	1.78	31.33	-	-	Peak
447.7	26.92	-19.08	46	38.36	17.36	2.3	31.1	-	-	Peak
729.8	27.9	-18.1	46	34.29	21.35	3.01	30.75	-	-	Peak
2388.09	67.78	-6.22	74	63.42	32.18	6.03	33.85	100	65	Peak
2388.09	49.24	-4.76	54	44.88	32.18	6.03	33.85	100	65	Average
2412	112.04	-	-	107.64	32.2	6.07	33.87	100	65	Peak
2412	96.1	-	-	91.7	32.2	6.07	33.87	100	65	Average
2500	47.46	-6.54	54	42.88	32.3	6.18	33.9	100	65	Average
2500	59.47	-14.53	74	54.89	32.3	6.18	33.9	100	65	Peak

Test Mode :	Mode 8	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2437 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
42.69	30.63	-9.37	40	49.91	11.59	0.64	31.51	100	123	Peak
236.01	22.2	-23.8	46	40.48	11.64	1.51	31.43	-	-	Peak
285.69	29.34	-16.66	46	45.76	13.24	1.67	31.33	-	-	Peak
332.2	28.98	-17.02	46	43.95	14.48	1.86	31.31	-	-	Peak
447	26.39	-19.61	46	37.86	17.35	2.29	31.11	-	-	Peak
729.8	27.66	-18.34	46	34.05	21.35	3.01	30.75	-	-	Peak
2308	63.17	-34.87	98.04	59.03	32.07	5.88	33.81	100	100	Peak
2390	63.42	-10.58	74	59.06	32.18	6.03	33.85	100	100	Peak
2390	52.16	-1.84	54	47.8	32.18	6.03	33.85	100	100	Average
2437	100.31	-	-	95.84	32.24	6.11	33.88	100	100	Average
2437	118.04	-	-	113.57	32.24	6.11	33.88	100	100	Peak
2486	50.33	-3.67	54	45.77	32.28	6.18	33.9	100	100	Average
2486	65.53	-8.47	74	60.97	32.28	6.18	33.9	100	100	Peak
2524	64.78	-33.26	98.04	60.18	32.34	6.23	33.97	100	100	Peak
2558	63.69	-34.35	98.04	59.06	32.38	6.26	34.01	100	100	Peak
4874	44.79	-29.21	74	60.62	34.08	9.13	59.04	100	0	Peak
7311	47.41	-26.59	74	60.03	35.45	10.06	58.13	100	0	Peak

Test Mode :	Mode 8	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2437 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
45.12	36.39	-3.61	40	56.96	10.27	0.66	31.5	100	112	Peak
76.17	25.9	-14.1	40	49.7	6.88	0.86	31.54	-	-	Peak
275.97	26.3	-19.7	46	42.93	13.09	1.64	31.36	-	-	Peak
307	25.19	-20.81	46	41.03	13.7	1.79	31.33	-	-	Peak
447	26.49	-19.51	46	37.96	17.35	2.29	31.11	-	-	Peak
727.7	27.44	-18.56	46	33.86	21.32	3.01	30.75	-	-	Peak
2356	58.91	-15.09	74	54.66	32.13	5.95	33.83	100	64	Peak
2356	47.02	-6.98	54	42.77	32.13	5.95	33.83	100	64	Average
2437	116.7	-	-	112.23	32.24	6.11	33.88	100	64	Peak
2437	99.11	-	-	94.64	32.24	6.11	33.88	100	64	Average
2500	58.65	-15.35	74	54.07	32.3	6.18	33.9	100	64	Peak
2500	46.67	-7.33	54	42.09	32.3	6.18	33.9	100	64	Average
7311	45.34	-28.66	74	57.96	35.45	10.06	58.13	100	0	Peak

Test Mode :	Mode 9	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2462 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
43.5	29.79	-10.21	40	49.52	11.13	0.64	31.5	111	130	Peak
226.02	22.38	-23.62	46	41.42	10.95	1.46	31.45	-	-	Peak
267.06	26.06	-19.94	46	42.9	12.93	1.62	31.39	-	-	Peak
330.1	29.48	-16.52	46	44.55	14.39	1.85	31.31	-	-	Peak
447.7	26.18	-19.82	46	37.62	17.36	2.3	31.1	-	-	Peak
729.8	27.76	-18.24	46	34.15	21.35	3.01	30.75	-	-	Peak
2380	48.79	-5.21	54	44.45	32.16	6.03	33.85	126	80	Average
2380	60.35	-13.65	74	56.01	32.16	6.03	33.85	126	80	Peak
2462	96.83	-	-	92.32	32.26	6.14	33.89	126	80	Average
2462	112.44	-	-	107.93	32.26	6.14	33.89	126	80	Peak
2483.5	52.04	-1.96	54	47.48	32.28	6.18	33.9	126	80	Average
2483.5	70.5	-3.5	74	65.94	32.28	6.18	33.9	126	80	Peak



Test Mode :	Mode 9	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2462 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
45.39	36.13	-3.87	40	56.7	10.27	0.66	31.5	110	169	Peak
77.25	26.1	-13.9	40	49.79	6.97	0.87	31.53	-	-	Peak
275.97	26.02	-19.98	46	42.65	13.09	1.64	31.36	-	-	Peak
307	25.04	-20.96	46	40.88	13.7	1.79	31.33	-	-	Peak
447	27.11	-18.89	46	38.58	17.35	2.29	31.11	-	-	Peak
729.8	26.76	-19.24	46	33.15	21.35	3.01	30.75	-	-	Peak
2350	57.55	-16.45	74	53.32	32.11	5.95	33.83	100	72	Peak
2350	45.79	-8.21	54	41.56	32.11	5.95	33.83	100	72	Average
2462	111.36	-	-	106.85	32.26	6.14	33.89	100	72	Peak
2462	95.24	-	-	90.73	32.26	6.14	33.89	100	72	Average
2484.42	49.41	-4.59	54	44.85	32.28	6.18	33.9	100	72	Average
2484.42	70.71	-3.29	74	66.15	32.28	6.18	33.9	100	72	Peak



Test Mode :	Mode 10	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2422 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
2390	72.02	-1.98	74	67.66	32.18	6.03	33.85	100	81	Peak
2390	52.64	-1.36	54	48.28	32.18	6.03	33.85	100	81	Average
2422	108.46	-	-	104.04	32.22	6.07	33.87	100	81	Peak
2422	90.71	-	-	86.29	32.22	6.07	33.87	100	81	Average
2486	46.31	-7.69	54	41.75	32.28	6.18	33.9	100	81	Average
2486	59.6	-14.4	74	55.04	32.28	6.18	33.9	100	81	Peak



Test Mode :	Mode 10	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2422 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
2390	68.73	-5.27	74	64.37	32.18	6.03	33.85	100	63	Peak
2390	49.76	-4.24	54	45.4	32.18	6.03	33.85	100	63	Average
2422	108.39	-	-	103.97	32.22	6.07	33.87	100	63	Peak
2422	90.31	-	-	85.89	32.22	6.07	33.87	100	63	Average
2494	46.51	-7.49	54	41.93	32.3	6.18	33.9	100	63	Average
2494	58.92	-15.08	74	54.34	32.3	6.18	33.9	100	63	Peak



Test Mode :	Mode 11	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2437 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
2390	72.64	-1.36	74	68.28	32.18	6.03	33.85	159	87	Peak
2390	52.98	-1.02	54	48.62	32.18	6.03	33.85	159	87	Average
2437	112.42	-	-	107.95	32.24	6.11	33.88	159	87	Peak
2437	94.11	-	-	89.64	32.24	6.11	33.88	159	87	Average
2483.5	72.62	-1.38	74	68.06	32.28	6.18	33.9	159	87	Peak
2483.5	52.96	-1.04	54	48.4	32.28	6.18	33.9	159	87	Average



Test Mode :	Mode 11	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2437 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
2390	67.07	-6.93	74	62.71	32.18	6.03	33.85	100	69	Peak
2390	49.82	-4.18	54	45.46	32.18	6.03	33.85	100	69	Average
2437	110.66	-	-	106.19	32.24	6.11	33.88	100	69	Peak
2437	93.19	-	-	88.72	32.24	6.11	33.88	100	69	Average
2483.66	71.45	-2.55	74	66.89	32.28	6.18	33.9	100	69	Peak
2483.66	50.48	-3.52	54	45.92	32.28	6.18	33.9	100	69	Average



Test Mode :	Mode 12	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2452 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
2374	57.23	-16.77	74	52.92	32.16	5.99	33.84	157	82	Peak
2374	45.19	-8.81	54	40.88	32.16	5.99	33.84	157	82	Average
2452	108.8	-	-	104.33	32.24	6.11	33.88	157	82	Peak
2452	91.5	-	-	87.03	32.24	6.11	33.88	157	82	Average
2483.85	72.94	-1.06	74	68.38	32.28	6.18	33.9	157	82	Peak
2483.85	50.97	-3.03	54	46.41	32.28	6.18	33.9	157	82	Average



Test Mode :	Mode 12	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2452 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
2388	56.89	-17.11	74	52.53	32.18	6.03	33.85	100	63	Peak
2388	44.62	-9.38	54	40.26	32.18	6.03	33.85	100	63	Average
2452	105.89	-	-	101.42	32.24	6.11	33.88	100	63	Peak
2452	88.62	-	-	84.15	32.24	6.11	33.88	100	63	Average
2484.42	70.53	-3.47	74	65.97	32.28	6.18	33.9	100	63	Peak
2484.42	49.32	-4.68	54	44.76	32.28	6.18	33.9	100	63	Average

Test Mode :	Mode 13	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5745 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
5725	90.23	-4.34	94.57	78.67	34.82	9.92	33.18	100	85	Peak
5745	114.57	-	-	103.03	34.84	9.91	33.21	100	85	Peak
5745	103.03	-	-	91.49	34.84	9.91	33.21	100	85	Average
5850	61.12	-33.45	94.57	49.63	34.94	9.87	33.32	100	85	Peak



Test Mode :	Mode 13	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5745 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
5725	84.13	-5.13	89.26	72.57	34.82	9.92	33.18	173	156	Peak
5745	109.26	-	-	97.72	34.84	9.91	33.21	173	156	Peak
5745	98.04	-	-	86.5	34.84	9.91	33.21	173	156	Average
5850	61.12	-28.14	89.26	49.63	34.94	9.87	33.32	173	156	Peak



Test Mode :	Mode 14	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5785 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
5725	64.98	-30.18	95.16	53.42	34.82	9.92	33.18	100	91	Peak
5785	115.16	-	-	103.61	34.88	9.9	33.23	100	91	Peak
5785	104.27	-	-	92.72	34.88	9.9	33.23	100	91	Average
5850	62.49	-32.67	95.16	51	34.94	9.87	33.32	100	91	Peak

Test Mode :	Mode 14	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5785 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
5725	62.65	-27.9	90.55	51.09	34.82	9.92	33.18	187	155	Peak
5785	110.55	-	-	99	34.88	9.9	33.23	187	155	Peak
5785	99.36	-	-	87.81	34.88	9.9	33.23	187	155	Average
5850	62.34	-28.21	90.55	50.85	34.94	9.87	33.32	187	155	Peak

Test Mode :	Mode 15	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5825 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
5725	62.4	-31.94	94.34	50.84	34.82	9.92	33.18	100	93	Peak
5825	114.34	-	-	102.82	34.93	9.88	33.29	100	93	Peak
5825	103.29	-	-	91.77	34.93	9.88	33.29	100	93	Average
5850	79.78	-14.56	94.34	68.29	34.94	9.87	33.32	100	93	Peak

Test Mode :	Mode 15	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5825 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
5725	61.15	-30.05	91.2	49.59	34.82	9.92	33.18	185	153	Peak
5825	111.2	-	-	99.68	34.93	9.88	33.29	185	153	Peak
5825	99.52	-	-	88	34.93	9.88	33.29	185	153	Average
5850	76.15	-15.05	91.2	64.66	34.94	9.87	33.32	185	153	Peak



Test Mode :	Mode 16	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5745 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
43.5	30.31	-9.69	40	50.04	11.13	0.64	31.5	100	221	Peak
236.01	22.16	-23.84	46	40.44	11.64	1.51	31.43	-	-	Peak
286.77	29.29	-16.71	46	45.68	13.26	1.68	31.33	-	-	Peak
330.1	28.99	-17.01	46	44.06	14.39	1.85	31.31	-	-	Peak
447	26.17	-19.83	46	37.64	17.35	2.29	31.11	-	-	Peak
730.5	27.41	-18.59	46	33.78	21.37	3.01	30.75	-	-	Peak
5725	80.8	-10.2	91	69.24	34.82	9.92	33.18	100	86	Peak
5745	111	-	-	99.46	34.84	9.91	33.21	100	86	Peak
5745	96.8	-	-	85.26	34.84	9.91	33.21	100	86	Average
5850	61.09	-29.91	91	49.6	34.94	9.87	33.32	100	86	Peak

Test Mode :	Mode 16	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5745 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
44.85	36.34	-3.66	40	56.52	10.67	0.65	31.5	100	231	Peak
75.09	26.11	-13.89	40	50.09	6.71	0.85	31.54	-	-	Peak
275.97	26.28	-19.72	46	42.91	13.09	1.64	31.36	-	-	Peak
304.9	24.67	-21.33	46	40.61	13.61	1.78	31.33	-	-	Peak
447	26.95	-19.05	46	38.42	17.35	2.29	31.11	-	-	Peak
729.8	27.84	-18.16	46	34.23	21.35	3.01	30.75	-	-	Peak
5725	75.89	-17.86	93.75	64.33	34.82	9.92	33.18	100	66	Peak
5745	113.75	-	-	102.21	34.84	9.91	33.21	100	66	Peak
5745	97.59	-	-	86.05	34.84	9.91	33.21	100	66	Average
5850	61.29	-32.46	93.75	49.8	34.94	9.87	33.32	100	66	Peak
11490	47.88	-26.12	74	54.51	38.29	13.14	58.06	100	0	Peak



Test Mode :	Mode 17	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5785 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
42.69	30.06	-9.94	40	49.34	11.59	0.64	31.51	121	111	Peak
226.02	22.02	-23.98	46	41.06	10.95	1.46	31.45	-	-	Peak
285.69	29.46	-16.54	46	45.88	13.24	1.67	31.33	-	-	Peak
330.1	30.26	-15.74	46	45.33	14.39	1.85	31.31	-	-	Peak
447	26.61	-19.39	46	38.08	17.35	2.29	31.11	-	-	Peak
729.8	26.74	-19.26	46	33.13	21.35	3.01	30.75	-	-	Peak
5725	61.86	-30.61	92.47	50.3	34.82	9.92	33.18	100	91	Peak
5785	112.47	-	-	100.92	34.88	9.9	33.23	100	91	Peak
5785	97.82	-	-	86.27	34.88	9.9	33.23	100	91	Average
5850	60.86	-31.61	92.47	49.37	34.94	9.87	33.32	100	91	Peak
11570	47.08	-26.92	74	53.48	38.38	13.17	57.95	100	0	Peak



Test Mode :	Mode 17	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5785 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
45.39	36.2	-3.8	40	56.77	10.27	0.66	31.5	100	215	Peak
76.98	26.17	-13.83	40	49.97	6.88	0.86	31.54	-	-	Peak
275.7	26.15	-19.85	46	42.8	13.07	1.64	31.36	-	-	Peak
304.9	24.66	-21.34	46	40.6	13.61	1.78	31.33	-	-	Peak
447.7	27.15	-18.85	46	38.59	17.36	2.3	31.1	-	-	Peak
730.5	27.51	-18.49	46	33.88	21.37	3.01	30.75	-	-	Peak
5725	62.03	-33.37	95.4	50.47	34.82	9.92	33.18	100	70	Peak
5785	115.4	-	-	103.85	34.88	9.9	33.23	100	70	Peak
5785	98.59	-	-	87.04	34.88	9.9	33.23	100	70	Average
5850	61.65	-33.75	95.4	50.16	34.94	9.87	33.32	100	70	Peak
11570	50.29	-23.71	74	56.69	38.38	13.17	57.95	100	0	Peak



Test Mode :	Mode 18	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5825 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
43.5	30.77	-9.23	40	50.5	11.13	0.64	31.5	110	123	Peak
236.01	22.43	-23.57	46	40.71	11.64	1.51	31.43	-	-	Peak
286.5	29.27	-16.73	46	45.69	13.24	1.67	31.33	-	-	Peak
330.1	29.62	-16.38	46	44.69	14.39	1.85	31.31	-	-	Peak
447	26.49	-19.51	46	37.96	17.35	2.29	31.11	-	-	Peak
730.5	26.44	-19.56	46	32.81	21.37	3.01	30.75	-	-	Peak
5725	61.37	-31.87	93.24	49.81	34.82	9.92	33.18	102	39	Peak
5825	113.24	-	-	101.72	34.93	9.88	33.29	102	39	Peak
5825	97.62	-	-	86.1	34.93	9.88	33.29	102	39	Average
5850	71.21	-22.03	93.24	59.72	34.94	9.87	33.32	102	39	Peak
11650	47.86	-26.14	74	54.03	38.47	13.22	57.86	100	0	Peak



Test Mode :	Mode 18	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5825 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
45.12	36.31	-3.69	40	56.88	10.27	0.66	31.5	103	156	Peak
77.25	26.04	-13.96	40	49.73	6.97	0.87	31.53	-	-	Peak
276.78	26.18	-19.82	46	42.81	13.09	1.64	31.36	-	-	Peak
304.9	24.84	-21.16	46	40.78	13.61	1.78	31.33	-	-	Peak
447.7	26.44	-19.56	46	37.88	17.36	2.3	31.1	-	-	Peak
729.8	28.01	-17.99	46	34.4	21.35	3.01	30.75	-	-	Peak
5725	61.75	-32.69	94.44	50.19	34.82	9.92	33.18	101	81	Peak
5825	114.44	-	-	102.92	34.93	9.88	33.29	101	81	Peak
5825	99.51	-	-	87.99	34.93	9.88	33.29	101	81	Average
5850	73.06	-21.38	94.44	61.57	34.94	9.87	33.32	101	81	Peak
11650	51.07	-22.93	74	57.24	38.47	13.22	57.86	101	78	Peak
11650	37.3	-16.7	54	43.47	38.47	13.22	57.86	101	78	Average



Test Mode :	Mode 19	Temperature :	24~25°C
Test Channel :	151	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	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
5725	81.13	-7.6	88.73	69.57	34.82	9.92	33.18	100	88	Peak
5755	108.73	-	-	97.17	34.86	9.91	33.21	100	88	Peak
5755	93.63	-	-	82.07	34.86	9.91	33.21	100	88	Average
5850	61.63	-27.1	88.73	50.14	34.94	9.87	33.32	100	88	Peak



Test Mode :	Mode 19	Temperature :	24~25°C
Test Channel :	151	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	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
5725	79.01	-11.53	90.54	67.45	34.82	9.92	33.18	100	66	Peak
5755	110.54	-	-	98.98	34.86	9.91	33.21	100	66	Peak
5755	94.42	-	-	82.86	34.86	9.91	33.21	100	66	Average
5850	61.22	-29.32	90.54	49.73	34.94	9.87	33.32	100	66	Peak

Test Mode :	Mode 20	Temperature :	24~25°C
Test Channel :	159	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	5795 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
5725	66.49	-23.63	90.12	54.93	34.82	9.92	33.18	100	91	Peak
5795	94.66	-	-	83.14	34.89	9.89	33.26	100	91	Average
5795	110.12	-	-	98.6	34.89	9.89	33.26	100	91	Peak
5850	64.79	-25.33	90.12	53.3	34.94	9.87	33.32	100	91	Peak



Test Mode :	Mode 20	Temperature :	24~25°C
Test Channel :	159	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	5795 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
5725	68.75	-22.2	90.95	57.19	34.82	9.92	33.18	100	67	Peak
5795	95.2	-	-	83.68	34.89	9.89	33.26	100	67	Average
5795	110.95	-	-	99.43	34.89	9.89	33.26	100	67	Peak
5850	67.84	-23.11	90.95	56.35	34.94	9.87	33.32	100	67	Peak

Test Mode :	Mode 21	Temperature :	24~25°C
Test Channel :		Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2462, 5180, 5745 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
30.81	22.69	-17.31	40	37.34	16.27	0.54	31.46	-	-	Peak
48.9	30.26	-9.74	40	52.03	9.08	0.68	31.53	100	190	Peak
276.78	26.09	-19.91	46	42.72	13.09	1.64	31.36	-	-	Peak
316.1	26.23	-19.77	46	41.78	13.97	1.8	31.32	-	-	Peak
500.2	24.14	-21.86	46	34.53	18.23	2.45	31.07	-	-	Peak
780.9	23.75	-22.25	46	29.17	22.16	3.11	30.69	-	-	Peak
2380	59.89	-14.11	74	55.55	32.16	6.03	33.85	121	75	Peak
2380	48.12	-5.88	54	43.78	32.16	6.03	33.85	121	75	Average
2462	116.28	-	-	111.77	32.26	6.14	33.89	121	75	Peak
2462	112.36	-	-	107.85	32.26	6.14	33.89	121	75	Average
2485.18	65.78	-8.22	74	61.22	32.28	6.18	33.9	121	75	Peak
2485.18	52.97	-1.03	54	48.41	32.28	6.18	33.9	121	75	Average
5150	43.17	-10.83	54	33.16	34.25	9.41	33.65	178	332	Average
5180	101.58	-	-	91.45	34.28	9.45	33.6	178	332	Peak
5180	90.29	-	-	80.16	34.28	9.45	33.6	178	332	Average
5350	41.79	-12.21	54	30.86	34.45	9.74	33.26	178	332	Average
5350	54.08	-19.92	74	43.15	34.45	9.74	33.26	178	332	Peak
5725	83.88	-3.5	87.38	72.32	34.82	9.92	33.18	100	91	Peak
5745	60.91	-13.09	74	49.37	34.84	9.91	33.21	100	91	Peak
5745	107.38	-	-	95.82	34.86	9.91	33.21	100	91	Peak
5745	96.3	-	-	84.76	34.84	9.91	33.21	100	91	Average
5850	53.18	-34.2	87.38	41.69	34.94	9.87	33.32	100	91	Peak
7386	49.31	-24.69	74	62	35.38	10.1	58.17	100	0	Peak



Test Mode :	Mode 20	Temperature :	24~25°C
Test Channel :		Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2462, 5180, 5745 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
41.61	36.39	-3.61	40	55.23	12.04	0.63	31.51	117	266	Peak
124.77	23.68	-19.82	43.5	42.56	11.56	1.12	31.56	-	-	Peak
256.26	23.06	-22.94	46	40.15	12.76	1.57	31.42	-	-	Peak
324.5	24.43	-21.57	46	39.68	14.24	1.83	31.32	-	-	Peak
624.1	25.58	-20.42	46	33.69	20.03	2.76	30.9	-	-	Peak
730.5	27.36	-18.64	46	33.73	21.37	3.01	30.75	-	-	Peak
2334	58.18	-15.82	74	53.97	32.09	5.95	33.83	101	123	Peak
2334	44.27	-9.73	54	40.06	32.09	5.95	33.83	101	123	Average
2462	105.58	-	-	101.07	32.26	6.14	33.89	101	123	Peak
2462	102.01	-	-	97.5	32.26	6.14	33.89	101	123	Average
2494.49	57.45	-16.55	74	52.87	32.3	6.18	33.9	101	123	Peak
2494.49	44.9	-9.1	54	40.32	32.3	6.18	33.9	101	123	Average
4614	61.19	-12.81	74	52.26	34.02	9.06	34.15	115	171	Peak
4614	47.94	-6.06	54	39.01	34.02	9.06	34.15	115	171	Average
5150	49.03	-4.97	54	39.02	34.25	9.41	33.65	100	177	Average
5150	69.44	-4.56	74	59.43	34.25	9.41	33.65	100	177	Peak
5180	109.88	-	-	99.75	34.28	9.45	33.6	100	177	Peak
5180	98.76	-	-	88.63	34.28	9.45	33.6	100	177	Average
5350	46.93	-7.07	54	36	34.45	9.74	33.26	100	177	Average
5350	59.58	-14.42	74	48.65	34.45	9.74	33.26	100	177	Peak
5725	90.82	-2.84	93.66	79.26	34.82	9.92	33.18	100	246	Peak
5745	113.66	-	-	102.12	34.84	9.91	33.21	100	246	Peak
5745	102.68	-	-	91.14	34.84	9.91	33.21	100	246	Average
5850	54.05	-39.61	93.66	42.56	34.94	9.87	33.32	100	246	Peak
7386	48.67	-25.33	74	61.36	35.38	10.1	58.17	100	0	Peak