

Appendix B. Test Result of Antenna 2

Antenna Information		
Antenna 2	Model Name	S24493TS
	Antenna Type	Panel Antenna
	Antenna Gain	3 dBi for WLAN (2.4G) ; 4 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: 802.11n_CH06_2437 MHz (BW 40M) + 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
2389.99	59.68	-14.32	74	55.32	32.18	6.03	33.85	126	54	Peak
2389.99	49.89	-4.11	54	45.53	32.18	6.03	33.85	126	54	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
2325.58	59.15	-14.85	74	54.96	32.09	5.92	33.82	100	6	Peak
2325.58	49.53	-4.47	54	45.34	32.09	5.92	33.82	100	6	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
2484.61	61.48	-12.52	74	56.92	32.28	6.18	33.9	100	45	Peak
2484.61	49.72	-4.28	54	45.16	32.28	6.18	33.9	100	45	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	59.32	-14.68	74	54.76	32.28	6.18	33.9	174	264	Peak
2483.85	49.04	-4.96	54	44.48	32.28	6.18	33.9	174	264	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
2310.239	54.92	-19.08	74	50.75	32.07	5.92	33.82	126	54	Peak
2310.239	52.49	-1.51	54	48.32	32.07	5.92	33.82	126	54	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
2385.05	69.4	-4.6	74	65.06	32.16	6.03	33.85	100	6	Peak
2385.05	69.4	-4.6	74	65.06	32.16	6.03	33.85	100	6	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	69.48	-4.52	74	64.92	32.28	6.18	33.9	100	45	Peak
2483.5	52.05	-1.95	54	47.49	32.28	6.18	33.9	100	45	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	64.95	-9.05	74	60.39	32.28	6.18	33.9	174	264	Peak
2483.85	46.48	-7.52	54	41.92	32.28	6.18	33.9	174	264	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
2388.85	71.59	-2.41	74	67.23	32.18	6.03	33.85	100	52	Peak
2388.85	53	-1	54	48.64	32.18	6.03	33.85	100	52	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
2389.61	63.4	-10.6	74	59.04	32.18	6.03	33.85	101	86	Peak
2389.61	46.93	-7.07	54	42.57	32.18	6.03	33.85	101	86	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
2484.42	69.41	-4.59	74	64.85	32.28	6.18	33.9	100	55	Peak
2484.42	52.2	-1.8	54	47.64	32.28	6.18	33.9	100	55	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
2483.66	67.6	-6.4	74	63.04	32.28	6.18	33.9	200	351	Peak
2483.66	50.54	-3.46	54	45.98	32.28	6.18	33.9	200	351	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
2389.61	72.21	-1.79	74	67.85	32.18	6.03	33.85	101	54	Peak
2389.61	52.82	-1.18	54	48.46	32.18	6.03	33.85	101	54	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
2389.61	65.28	-8.72	74	60.92	32.18	6.03	33.85	174	86	Peak
2389.61	47.31	-6.69	54	42.95	32.18	6.03	33.85	174	86	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
2483.5	73	-1	74	68.44	32.28	6.18	33.9	100	49	Peak
2483.5	52.2	-1.8	54	47.64	32.28	6.18	33.9	100	49	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	70.41	-3.59	74	65.85	32.28	6.18	33.9	165	343	Peak
2483.85	50.08	-3.92	54	45.52	32.28	6.18	33.9	165	343	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
31.89	22.58	-17.42	40	37.45	16.04	0.55	31.46	-	-	Peak
43.5	29.66	-10.34	40	49.39	11.13	0.64	31.5	100	22	Peak
286.77	28.57	-17.43	46	44.96	13.26	1.68	31.33	-	-	Peak
327.3	30.05	-15.95	46	45.22	14.3	1.84	31.31	-	-	Peak
447.7	26.46	-19.54	46	37.9	17.36	2.3	31.1	-	-	Peak
728.4	26.49	-19.51	46	32.9	21.33	3.01	30.75	-	-	Peak
2389.99	49.89	-4.11	54	45.53	32.18	6.03	33.85	126	54	Average
2389.99	59.68	-14.32	74	55.32	32.18	6.03	33.85	126	54	Peak
2412	110.25	-	-	105.85	32.2	6.07	33.87	126	54	Peak
2412	106.12	-	-	101.72	32.2	6.07	33.87	126	54	Average
2500	52.66	-1.34	54	48.08	32.3	6.18	33.9	126	54	Average
2500	61.93	-12.07	74	57.35	32.3	6.18	33.9	126	54	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
43.23	36.83	-3.17	40	56.56	11.13	0.64	31.5	105	8	Peak
216.57	25.36	-20.64	46	45.15	10.27	1.4	31.46	-	-	Peak
267.33	28.53	-17.47	46	45.33	12.95	1.63	31.38	-	-	Peak
447.7	28.13	-17.87	46	39.57	17.36	2.3	31.1	-	-	Peak
578.6	26.02	-19.98	46	34.9	19.44	2.63	30.95	-	-	Peak
727	27.07	-18.93	46	33.5	21.32	3.01	30.76	-	-	Peak
2325.58	49.53	-4.47	54	45.34	32.09	5.92	33.82	100	6	Average
2325.58	59.15	-14.85	74	54.96	32.09	5.92	33.82	100	6	Peak
2412	105.9	-	-	101.5	32.2	6.07	33.87	100	6	Peak
2412	101.72	-	-	97.32	32.2	6.07	33.87	100	6	Average
2500	51.12	-2.88	54	46.54	32.3	6.18	33.9	100	6	Average
2500	59.63	-14.37	74	55.05	32.3	6.18	33.9	100	6	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
48.9	30.17	-9.83	40	51.94	9.08	0.68	31.53	100	123	Peak
265.98	28.54	-17.46	46	45.39	12.92	1.62	31.39	-	-	Peak
296.49	27.37	-18.63	46	43.54	13.41	1.75	31.33	-	-	Peak
330.1	29.87	-16.13	46	44.94	14.39	1.85	31.31	-	-	Peak
374.2	25.66	-20.34	46	39.04	15.78	2.09	31.25	-	-	Peak
730.5	27.26	-18.74	46	33.63	21.37	3.01	30.75	-	-	Peak
2310	62.7	-11.3	74	58.53	32.07	5.92	33.82	150	281	Peak
2310	52.49	-1.51	54	48.32	32.07	5.92	33.82	150	281	Average
2437	113.62	-	-	109.15	32.24	6.11	33.88	150	281	Peak
2437	109.39	-	-	104.92	32.24	6.11	33.88	150	281	Average
2492	56.5	-17.5	74	51.92	32.3	6.18	33.9	150	281	Peak
2492	45.34	-8.66	54	40.76	32.3	6.18	33.9	150	281	Average
4874	47.08	-26.92	74	62.91	34.08	9.13	59.04	100	0	Peak
7311	51.84	-22.16	74	64.46	35.45	10.06	58.13	100	31	Peak
7311	45.91	-8.09	54	58.53	35.45	10.06	58.13	100	31	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
45.12	36.33	-3.67	40	56.9	10.27	0.66	31.5	100	341	Peak
76.17	26.45	-13.55	40	50.25	6.88	0.86	31.54	-	-	Peak
210.09	27.81	-15.69	43.5	48.06	9.86	1.36	31.47	-	-	Peak
447.7	26.82	-19.18	46	38.26	17.36	2.3	31.1	-	-	Peak
596.1	26.07	-19.93	46	34.6	19.71	2.68	30.92	-	-	Peak
722.1	25.84	-20.16	46	32.38	21.24	2.99	30.77	-	-	Peak
2310	58.52	-15.48	74	54.35	32.07	5.92	33.82	117	267	Peak
2310	48.01	-5.99	54	43.84	32.07	5.92	33.82	117	267	Average
2437	109.76	-	-	105.29	32.24	6.11	33.88	117	267	Peak
2437	105.06	-	-	100.59	32.24	6.11	33.88	117	267	Average
2484	56.5	-17.5	74	51.94	32.28	6.18	33.9	117	267	Peak
2484	44.79	-9.21	54	40.23	32.28	6.18	33.9	117	267	Average
4874	43.72	-30.28	74	59.55	34.08	9.13	59.04	100	0	Peak
7311	46.96	-27.04	74	59.58	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
43.5	29.39	-10.61	40	49.12	11.13	0.64	31.5	117	125	Peak
267.06	28.08	-17.92	46	44.92	12.93	1.62	31.39	-	-	Peak
286.5	28.44	-17.56	46	44.86	13.24	1.67	31.33	-	-	Peak
326.6	30.05	-15.95	46	45.22	14.3	1.84	31.31	-	-	Peak
447.7	26.57	-19.43	46	38.01	17.36	2.3	31.1	-	-	Peak
859.3	29.34	-16.66	46	33.62	23.16	3.28	30.72	-	-	Peak
2340	52.37	-1.63	54	48.14	32.11	5.95	33.83	100	45	Average
2340	63.2	-10.8	74	58.97	32.11	5.95	33.83	100	45	Peak
2462	109.82	-	-	105.31	32.26	6.14	33.89	100	45	Average
2462	113.97	-	-	109.46	32.26	6.14	33.89	100	45	Peak
2484.61	49.72	-4.28	54	45.16	32.28	6.18	33.9	100	45	Average
2484.61	61.48	-12.52	74	56.92	32.28	6.18	33.9	100	45	Peak
7386	47.39	-26.61	74	60.08	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
41.61	35.98	-4.02	40	54.82	12.04	0.63	31.51	100	63	Peak
100.74	24.37	-19.13	43.5	45.04	9.87	1	31.54	-	-	Peak
276.78	24.99	-21.01	46	41.62	13.09	1.64	31.36	-	-	Peak
304.9	25.54	-20.46	46	41.48	13.61	1.78	31.33	-	-	Peak
727.7	26.98	-19.02	46	33.4	21.32	3.01	30.75	-	-	Peak
981.8	27.01	-26.99	54	29.44	24.66	3.49	30.58	-	-	Peak
2374	46.61	-7.39	54	42.3	32.16	5.99	33.84	174	264	Average
2374	56.62	-17.38	74	52.31	32.16	5.99	33.84	174	264	Peak
2462	102.85	-	-	98.34	32.26	6.14	33.89	174	264	Average
2462	107.04	-	-	102.53	32.26	6.14	33.89	174	264	Peak
2483.85	49.04	-4.96	54	44.48	32.28	6.18	33.9	174	264	Average
2483.85	59.32	-14.68	74	54.76	32.28	6.18	33.9	174	264	Peak
7386	44.11	-29.89	74	56.8	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
2310.239	52.49	-1.51	54	48.32	32.07	5.92	33.82	126	54	Average
2310.239	54.92	-19.08	74	50.75	32.07	5.92	33.82	126	54	Peak
2412	111.55	-	-	107.15	32.2	6.07	33.87	126	54	Peak
2412	100.28	-	-	95.88	32.2	6.07	33.87	126	54	Average
2494	51.52	-2.48	54	46.94	32.3	6.18	33.9	126	54	Average
2494	62.66	-11.34	74	58.08	32.3	6.18	33.9	126	54	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
2385.05	49.85	-4.15	54	45.51	32.16	6.03	33.85	100	6	Average
2385.05	69.4	-4.6	74	65.06	32.16	6.03	33.85	100	6	Peak
2412	108.16	-	-	103.76	32.2	6.07	33.87	100	6	Peak
2412	96.24	-	-	91.84	32.2	6.07	33.87	100	6	Average
2494	49.55	-4.45	54	44.97	32.3	6.18	33.9	100	6	Average
2494	60.97	-13.03	74	56.39	32.3	6.18	33.9	100	6	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	65.16	-8.84	74	60.8	32.18	6.03	33.85	150	281	Peak
2390	51.59	-2.41	54	47.23	32.18	6.03	33.85	150	281	Average
2437	102.88	-	-	98.41	32.24	6.11	33.88	150	281	Average
2437	114.53	-	-	110.08	32.22	6.11	33.88	150	281	Peak
2484	64.81	-9.19	74	60.25	32.28	6.18	33.9	150	281	Peak
2484	47.57	-6.43	54	43.01	32.28	6.18	33.9	150	281	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
2388	60.77	-13.23	74	56.41	32.18	6.03	33.85	117	267	Peak
2388	47.1	-6.9	54	42.74	32.18	6.03	33.85	117	267	Average
2437	111.54	-	-	107.07	32.24	6.11	33.88	117	267	Peak
2437	99.22	-	-	94.75	32.24	6.11	33.88	117	267	Average
2484	61.08	-12.92	74	56.52	32.28	6.18	33.9	117	267	Peak
2484	46.94	-7.06	54	42.38	32.28	6.18	33.9	117	267	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
2342	47.98	-6.02	54	43.75	32.11	5.95	33.83	100	45	Average
2342	60.9	-13.1	74	56.67	32.11	5.95	33.83	100	45	Peak
2462	99.25	-	-	94.74	32.26	6.14	33.89	100	45	Average
2462	110.43	-	-	105.92	32.26	6.14	33.89	100	45	Peak
2483.5	52.05	-1.95	54	47.49	32.28	6.18	33.9	100	45	Average
2483.5	69.48	-4.52	74	64.92	32.28	6.18	33.9	100	45	Peak



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
2380	44.36	-9.64	54	40.02	32.16	6.03	33.85	174	264	Average
2380	55.49	-18.51	74	51.15	32.16	6.03	33.85	174	264	Peak
2462	92.77	-	-	88.26	32.26	6.14	33.89	174	264	Average
2462	104.37	-	-	99.86	32.26	6.14	33.89	174	264	Peak
2483.85	46.48	-7.52	54	41.92	32.28	6.18	33.9	174	264	Average
2483.85	64.95	-9.05	74	60.39	32.28	6.18	33.9	174	264	Peak

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
48.9	29.6	-10.4	40	51.37	9.08	0.68	31.53	108	331	Peak
215.49	25.59	-17.91	43.5	45.47	10.2	1.39	31.47	-	-	Peak
267.06	28.49	-17.51	46	45.33	12.93	1.62	31.39	-	-	Peak
330.1	30.01	-15.99	46	45.08	14.39	1.85	31.31	-	-	Peak
447.7	25.91	-20.09	46	37.35	17.36	2.3	31.1	-	-	Peak
945.4	26.49	-19.51	46	29.42	24.2	3.45	30.58	-	-	Peak
2388.85	53	-1	54	48.64	32.18	6.03	33.85	100	52	Average
2388.85	71.59	-2.41	74	67.23	32.18	6.03	33.85	100	52	Peak
2412	114.97	-	-	110.57	32.2	6.07	33.87	100	52	Peak
2412	98.24	-	-	93.84	32.2	6.07	33.87	100	52	Average
2494	51.15	-2.85	54	46.57	32.3	6.18	33.9	100	52	Average
2494	62.99	-11.01	74	58.41	32.3	6.18	33.9	100	52	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
42.96	36.55	-3.45	40	55.83	11.59	0.64	31.51	100	208	Peak
199.02	26.8	-16.7	43.5	47.86	9.1	1.32	31.48	-	-	Peak
291.09	27.11	-18.89	46	43.41	13.32	1.7	31.32	-	-	Peak
307	25.29	-20.71	46	41.13	13.7	1.79	31.33	-	-	Peak
447	27.37	-18.63	46	38.84	17.35	2.29	31.11	-	-	Peak
730.5	27	-19	46	33.37	21.37	3.01	30.75	-	-	Peak
2389.61	46.93	-7.07	54	42.57	32.18	6.03	33.85	101	86	Average
2389.61	63.4	-10.6	74	59.04	32.18	6.03	33.85	101	86	Peak
2412	106.7	-	-	102.3	32.2	6.07	33.87	101	86	Peak
2412	90.83	-	-	86.43	32.2	6.07	33.87	101	86	Average
2494	44.99	-9.01	54	40.41	32.3	6.18	33.9	101	86	Average
2494	55.89	-18.11	74	51.31	32.3	6.18	33.9	101	86	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	29.76	-10.24	40	49.04	11.59	0.64	31.51	100	81	Peak
55.65	22.13	-17.87	40	45.98	6.97	0.73	31.55	-	-	Peak
286.77	28.91	-17.09	46	45.3	13.26	1.68	31.33	-	-	Peak
326.6	29.66	-16.34	46	44.83	14.3	1.84	31.31	-	-	Peak
444.9	25.51	-20.49	46	37.02	17.31	2.29	31.11	-	-	Peak
937	26	-20	46	29.08	24.09	3.43	30.6	-	-	Peak
2316	65.29	-8.71	74	61.12	32.07	5.92	33.82	100	49	Peak
2316	52.68	-1.32	54	48.51	32.07	5.92	33.82	100	49	Average
2437	119.01	-	-	114.54	32.24	6.11	33.88	100	49	Peak
2437	101.78	-	-	97.31	32.24	6.11	33.88	100	49	Average
2486	64.19	-9.81	74	59.63	32.28	6.18	33.9	100	49	Peak
2486	51.44	-2.56	54	46.88	32.28	6.18	33.9	100	49	Average
4874	46.76	-27.24	74	62.59	34.08	9.13	59.04	100	0	Peak
7311	49.96	-24.04	74	62.58	35.45	10.06	58.13	100	0	Peak
12185	50.69	-23.31	74	55.43	39.05	13.49	57.28	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
43.5	36.73	-3.27	40	56.46	11.13	0.64	31.5	100	119	Peak
75.09	26.31	-13.69	40	50.29	6.71	0.85	31.54	-	-	Peak
124.77	23.99	-19.51	43.5	42.87	11.56	1.12	31.56	-	-	Peak
326.6	24.71	-21.29	46	39.88	14.3	1.84	31.31	-	-	Peak
447.7	26.9	-19.1	46	38.34	17.36	2.3	31.1	-	-	Peak
729.8	27.73	-18.27	46	34.12	21.35	3.01	30.75	-	-	Peak
2318	56.38	-17.62	74	52.19	32.09	5.92	33.82	101	89	Peak
2318	45.16	-8.84	54	40.97	32.09	5.92	33.82	101	89	Average
2437	110.17	-	-	105.7	32.24	6.11	33.88	101	89	Peak
2437	93.99	-	-	89.52	32.24	6.11	33.88	101	89	Average
2484	56.91	-17.09	74	52.35	32.28	6.18	33.9	101	89	Peak
2484	45.68	-8.32	54	41.12	32.28	6.18	33.9	101	89	Average
7311	44.82	-29.18	74	57.44	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	29.77	-10.23	40	49.5	11.13	0.64	31.5	111	147	Peak
48.9	28.9	-11.1	40	50.67	9.08	0.68	31.53	-	-	Peak
286.77	28.59	-17.41	46	44.98	13.26	1.68	31.33	-	-	Peak
324.5	28.94	-17.06	46	44.19	14.24	1.83	31.32	-	-	Peak
463.8	23.4	-22.6	46	34.53	17.62	2.33	31.08	-	-	Peak
965.7	26.29	-27.71	54	28.92	24.46	3.48	30.57	-	-	Peak
2342	49.24	-4.76	54	45.01	32.11	5.95	33.83	100	55	Average
2342	60.88	-13.12	74	56.65	32.11	5.95	33.83	100	55	Peak
2462	97.53	-	-	93.02	32.26	6.14	33.89	100	55	Average
2462	114.66	-	-	110.15	32.26	6.14	33.89	100	55	Peak
2484.42	52.2	-1.8	54	47.64	32.28	6.18	33.9	100	55	Average
2484.42	69.41	-4.59	74	64.85	32.28	6.18	33.9	100	55	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
45.12	36.32	-3.68	40	56.89	10.27	0.66	31.5	100	192	Peak
76.17	26.2	-13.8	40	50	6.88	0.86	31.54	-	-	Peak
294.33	27.35	-18.65	46	43.56	13.38	1.73	31.32	-	-	Peak
307	25.64	-20.36	46	41.48	13.7	1.79	31.33	-	-	Peak
447.7	28.03	-17.97	46	39.47	17.36	2.3	31.1	-	-	Peak
794.9	23.98	-22.02	46	29.14	22.39	3.13	30.68	-	-	Peak
2374	45.79	-8.21	54	41.48	32.16	5.99	33.84	200	351	Average
2374	57.01	-16.99	74	52.7	32.16	5.99	33.84	200	351	Peak
2462	89.56	-	-	85.05	32.26	6.14	33.89	200	351	Average
2462	106	-	-	101.49	32.26	6.14	33.89	200	351	Peak
2483.66	50.54	-3.46	54	45.98	32.28	6.18	33.9	200	351	Average
2483.66	67.6	-6.4	74	63.04	32.28	6.18	33.9	200	351	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
2389.61	52.82	-1.18	54	48.46	32.18	6.03	33.85	101	54	Average
2389.61	72.21	-1.79	74	67.85	32.18	6.03	33.85	101	54	Peak
2422	110.66	-	-	106.24	32.22	6.07	33.87	101	54	Peak
2422	91.82	-	-	87.4	32.22	6.07	33.87	101	54	Average
2483.5	48.19	-5.81	54	43.63	32.28	6.18	33.9	101	54	Average
2483.5	59.02	-14.98	74	54.46	32.28	6.18	33.9	101	54	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
2389.61	47.31	-6.69	54	42.95	32.18	6.03	33.85	174	86	Average
2389.61	65.28	-8.72	74	60.92	32.18	6.03	33.85	174	86	Peak
2422	102.42	-	-	98	32.22	6.07	33.87	174	86	Peak
2422	84.94	-	-	80.52	32.22	6.07	33.87	174	86	Average
2492	44.17	-9.83	54	39.59	32.3	6.18	33.9	174	86	Average
2492	56.46	-17.54	74	51.88	32.3	6.18	33.9	174	86	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
2388.85	52.81	-1.19	54	48.45	32.18	6.03	33.85	100	54	Average
2388.85	71.92	-2.08	74	67.56	32.18	6.03	33.85	100	54	Peak
2437	115.23	-	-	110.76	32.24	6.11	33.88	100	54	Peak
2437	95.31	-	-	90.84	32.24	6.11	33.88	100	54	Average
2484.42	52.89	-1.11	54	48.33	32.28	6.18	33.9	100	54	Average
2484.42	72.92	-1.08	74	68.36	32.28	6.18	33.9	100	54	Peak



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
2381.82	45.8	-8.2	54	41.46	32.16	6.03	33.85	101	91	Average
2381.82	60.48	-13.52	74	56.14	32.16	6.03	33.85	101	91	Peak
2437	106.42	-	-	101.95	32.24	6.11	33.88	101	91	Peak
2437	87.89	-	-	83.42	32.24	6.11	33.88	101	91	Average
2483.5	46.9	-7.1	54	42.34	32.28	6.18	33.9	101	91	Average
2483.5	65.97	-8.03	74	61.41	32.28	6.18	33.9	101	91	Peak



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
2310	46.78	-7.22	54	42.61	32.07	5.92	33.82	100	49	Average
2310	59.47	-14.53	74	55.3	32.07	5.92	33.82	100	49	Peak
2452	91.26	-	-	86.79	32.24	6.11	33.88	100	49	Average
2452	109.15	-	-	104.68	32.24	6.11	33.88	100	49	Peak
2483.5	52.2	-1.8	54	47.64	32.28	6.18	33.9	100	49	Average
2483.5	73	-1	74	68.44	32.28	6.18	33.9	100	49	Peak



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
2380	44.66	-9.34	54	40.32	32.16	6.03	33.85	165	343	Average
2380	56.34	-17.66	74	52	32.16	6.03	33.85	165	343	Peak
2452	83.89	-	-	79.42	32.24	6.11	33.88	165	343	Average
2452	101.3	-	-	96.83	32.24	6.11	33.88	165	343	Peak
2483.85	50.08	-3.92	54	45.52	32.28	6.18	33.9	165	343	Average
2483.85	70.41	-3.59	74	65.85	32.28	6.18	33.9	165	343	Peak



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	92.24	-4.24	96.48	80.68	34.82	9.92	33.18	100	48	Peak
5745	116.48	-	-	104.94	34.84	9.91	33.21	100	48	Peak
5745	103.99	-	-	92.45	34.84	9.91	33.21	100	48	Average
5850	60.88	-35.6	96.48	49.39	34.94	9.87	33.32	100	48	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	88.1	-1.25	89.35	76.54	34.82	9.92	33.18	100	0	Peak
5745	109.35	-	-	97.81	34.84	9.91	33.21	100	0	Peak
5745	98.53	-	-	86.99	34.84	9.91	33.21	100	0	Average
5850	61.61	-27.74	89.35	50.12	34.94	9.87	33.32	100	0	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	66.52	-30.92	97.44	54.96	34.82	9.92	33.18	107	319	Peak
5785	117.44	-	-	105.89	34.88	9.9	33.23	107	319	Peak
5785	106.3	-	-	94.75	34.88	9.9	33.23	107	319	Average
5850	64.53	-32.91	97.44	53.04	34.94	9.87	33.32	107	319	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	63.61	-26.97	90.58	52.05	34.82	9.92	33.18	100	6	Peak
5785	110.58	-	-	99.03	34.88	9.9	33.23	100	6	Peak
5785	99.72	-	-	88.17	34.88	9.9	33.23	100	6	Average
5850	60.78	-29.8	90.58	49.29	34.94	9.87	33.32	100	6	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	62.68	-35.5	98.18	51.12	34.82	9.92	33.18	108	324	Peak
5825	118.18	-	-	106.66	34.93	9.88	33.29	108	324	Peak
5825	106.08	-	-	94.56	34.93	9.88	33.29	108	324	Average
5850	82.37	-15.81	98.18	70.88	34.94	9.87	33.32	108	324	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	61.9	-28.35	90.25	50.34	34.82	9.92	33.18	112	7	Peak
5825	110.25	-	-	98.73	34.93	9.88	33.29	112	7	Peak
5825	98.56	-	-	87.04	34.93	9.88	33.29	112	7	Average
5850	77.82	-12.43	90.25	66.33	34.94	9.87	33.32	112	7	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	30.34	-9.66	40	50.07	11.13	0.64	31.5	100	175	Peak
124.77	27.82	-15.68	43.5	46.7	11.56	1.12	31.56	-	-	Peak
295.41	27.96	-18.04	46	44.15	13.4	1.74	31.33	-	-	Peak
327.3	29.62	-16.38	46	44.79	14.3	1.84	31.31	-	-	Peak
500.2	23.83	-22.17	46	34.22	18.23	2.45	31.07	-	-	Peak
993.7	27.56	-26.44	54	29.82	24.82	3.5	30.58	-	-	Peak
5725	80.23	-17.23	97.46	68.67	34.82	9.92	33.18	100	41	Peak
5745	117.46	-	-	105.92	34.84	9.91	33.21	100	41	Peak
5745	101.15	-	-	89.61	34.84	9.91	33.21	100	41	Average
5850	60.58	-36.88	97.46	49.09	34.94	9.87	33.32	100	41	Peak
11490	49.38	-24.62	74	56.01	38.29	13.14	58.06	100	0	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
42.69	36.8	-3.2	40	56.08	11.59	0.64	31.51	130	112	Peak
124.77	23.62	-19.88	43.5	42.5	11.56	1.12	31.56	-	-	Peak
268.14	26.31	-19.69	46	43.1	12.96	1.63	31.38	-	-	Peak
324.5	24.78	-21.22	46	40.03	14.24	1.83	31.32	-	-	Peak
596.1	25.83	-20.17	46	34.36	19.71	2.68	30.92	-	-	Peak
939.8	26.29	-19.71	46	29.32	24.13	3.44	30.6	-	-	Peak
5725	75.72	-14.35	90.07	64.16	34.82	9.92	33.18	100	4	Peak
5745	110.07	-	-	98.53	34.84	9.91	33.21	100	4	Peak
5745	94.93	-	-	83.39	34.84	9.91	33.21	100	4	Average
5850	60.16	-29.91	90.07	48.67	34.94	9.87	33.32	100	4	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
48.9	29.68	-10.32	40	51.45	9.08	0.68	31.53	100	317	Peak
226.29	21.95	-24.05	46	40.99	10.95	1.46	31.45	-	-	Peak
275.97	26.03	-19.97	46	42.66	13.09	1.64	31.36	-	-	Peak
326.6	29.61	-16.39	46	44.78	14.3	1.84	31.31	-	-	Peak
447.7	27.21	-18.79	46	38.65	17.36	2.3	31.1	-	-	Peak
730.5	28.38	-17.62	46	34.75	21.37	3.01	30.75	-	-	Peak
5725	63.3	-33.62	96.92	51.74	34.82	9.92	33.18	100	43	Peak
5785	116.92	-	-	105.37	34.88	9.9	33.23	100	43	Peak
5785	102.18	-	-	90.63	34.88	9.9	33.23	100	43	Average
5850	61.27	-35.65	96.92	49.78	34.94	9.87	33.32	100	43	Peak
11570	48.8	-25.2	74	55.2	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
43.5	36.84	-3.16	40	56.57	11.13	0.64	31.5	114	227	Peak
76.17	26.05	-13.95	40	49.85	6.88	0.86	31.54	-	-	Peak
223.05	26.03	-19.97	46	45.29	10.75	1.44	31.45	-	-	Peak
447.7	27.31	-18.69	46	38.75	17.36	2.3	31.1	-	-	Peak
624.1	25.04	-20.96	46	33.15	20.03	2.76	30.9	-	-	Peak
794.9	24.9	-21.1	46	30.06	22.39	3.13	30.68	-	-	Peak
5725	61.76	-29.52	91.28	50.2	34.82	9.92	33.18	100	5	Peak
5785	111.28	-	-	99.73	34.88	9.9	33.23	100	5	Peak
5785	95.89	-	-	84.34	34.88	9.9	33.23	100	5	Average
5850	61.73	-29.55	91.28	50.24	34.94	9.87	33.32	100	5	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
48.9	31.01	-8.99	40	52.78	9.08	0.68	31.53	100	108	Peak
55.38	29.48	-10.52	40	53.33	6.97	0.73	31.55	-	-	Peak
286.5	28.77	-17.23	46	45.19	13.24	1.67	31.33	-	-	Peak
324.5	28.92	-17.08	46	44.17	14.24	1.83	31.32	-	-	Peak
447	25.39	-20.61	46	36.86	17.35	2.29	31.11	-	-	Peak
794.2	23.48	-22.52	46	28.65	22.38	3.13	30.68	-	-	Peak
5725	64.27	-34.5	98.77	52.71	34.82	9.92	33.18	103	317	Peak
5825	118.77	-	-	107.25	34.93	9.88	33.29	103	317	Peak
5825	102.63	-	-	91.11	34.93	9.88	33.29	103	317	Average
5850	75.74	-23.03	98.77	64.25	34.94	9.87	33.32	103	317	Peak
11650	53.16	-20.84	74	59.33	38.47	13.22	57.86	100	308	Peak
11650	39.01	-14.99	54	45.18	38.47	13.22	57.86	100	308	Average



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
45.39	36.2	-3.8	40	56.77	10.27	0.66	31.5	100	55	Peak
77.25	25.97	-14.03	40	49.66	6.97	0.87	31.53	-	-	Peak
268.14	26.42	-19.58	46	43.21	12.96	1.63	31.38	-	-	Peak
447.7	26.89	-19.11	46	38.33	17.36	2.3	31.1	-	-	Peak
596.1	24.94	-21.06	46	33.47	19.71	2.68	30.92	-	-	Peak
727.7	26.59	-19.41	46	33.01	21.32	3.01	30.75	-	-	Peak
5725	61.78	-27.7	89.48	50.22	34.82	9.92	33.18	100	6	Peak
5825	109.48	-	-	97.96	34.93	9.88	33.29	100	6	Peak
5825	94.65	-	-	83.13	34.93	9.88	33.29	100	6	Average
5850	65.97	-23.51	89.48	54.48	34.94	9.87	33.32	100	6	Peak

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	84.26	-10.46	94.72	72.7	34.82	9.92	33.18	100	42	Peak
5755	114.72	-	-	103.16	34.86	9.91	33.21	100	42	Peak
5755	98.32	-	-	86.76	34.86	9.91	33.21	100	42	Average
5850	61.32	-33.4	94.72	49.83	34.94	9.87	33.32	100	42	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	77.91	-11.15	89.06	66.35	34.82	9.92	33.18	100	4	Peak
5755	109.06	-	-	97.5	34.86	9.91	33.21	100	4	Peak
5755	92.48	-	-	80.92	34.86	9.91	33.21	100	4	Average
5850	60.44	-28.62	89.06	48.95	34.94	9.87	33.32	100	4	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	69.17	-26.81	95.98	57.61	34.82	9.92	33.18	100	43	Peak
5795	115.98	-	-	104.46	34.89	9.89	33.26	100	43	Peak
5795	99.14	-	-	87.62	34.89	9.89	33.26	100	43	Average
5850	69.87	-26.11	95.98	58.38	34.94	9.87	33.32	100	43	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	65.24	-23.36	88.6	53.68	34.82	9.92	33.18	100	358	Peak
5795	108.6	-	-	97.08	34.89	9.89	33.26	100	358	Peak
5795	92.5	-	-	80.98	34.89	9.89	33.26	100	358	Average
5850	62.53	-26.07	88.6	51.04	34.94	9.87	33.32	100	358	Peak



Test Mode :	Mode 21	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Horizontal
Remark :	2437, 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
43.77	30.03	-9.97	40	49.76	11.13	0.64	31.5	100	120	Peak
265.44	25.96	-20.04	46	42.81	12.92	1.62	31.39	-	-	Peak
287.04	28.41	-17.59	46	44.8	13.26	1.68	31.33	-	-	Peak
374.2	25.59	-20.41	46	38.97	15.78	2.09	31.25	-	-	Peak
722.1	24.25	-21.75	46	30.79	21.24	2.99	30.77	-	-	Peak
965.7	26.78	-27.22	54	29.41	24.46	3.48	30.57	-	-	Peak
2382	64.42	-9.58	74	60.08	32.16	6.03	33.85	100	111	Peak
2382	44.91	-9.09	54	40.57	32.16	6.03	33.85	100	111	Average
2437	105.27	-	-	100.8	32.24	6.11	33.88	100	111	Peak
2437	87.61	-	-	83.14	32.24	6.11	33.88	100	111	Average
2484	66.54	-7.46	74	61.98	32.28	6.18	33.9	100	111	Peak
2484	47.12	-6.88	54	42.56	32.28	6.18	33.9	100	111	Average
5150	62.63	-11.37	74	52.62	34.25	9.41	33.65	100	27	Peak
5150	45	-9	54	34.99	34.25	9.41	33.65	100	27	Average
5180	90.81	36.81	54	80.68	34.28	9.45	33.6	100	27	Average
5180	103.03	29.03	74	92.9	34.28	9.45	33.6	100	27	Peak
5350	44.68	-9.32	54	33.75	34.45	9.74	33.26	100	27	Average
5350	56.71	-17.29	74	45.78	34.45	9.74	33.26	100	27	Peak
5725	93.01	-4.35	97.36	81.45	34.82	9.92	33.18	102	310	Peak
5745	117.36	43.36	74	105.82	34.84	9.91	33.21	102	310	Peak
5745	106.9	52.9	54	95.36	34.84	9.91	33.21	102	310	Average
5850	55.87	-41.49	97.36	44.38	34.94	9.87	33.32	102	310	Peak

Test Mode :	Mode 21	Temperature :	24~25°C
Test Channel :		Relative Humidity :	49~50%
Test Engineer :	Ivan Chiang	Polarization :	Vertical
Remark :	2437, 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
45.12	36.31	-3.69	40	56.88	10.27	0.66	31.5	106	257	Peak
86.7	23.73	-16.27	40	46.25	8.1	0.92	31.54	-	-	Peak
277.05	25.95	-20.05	46	42.57	13.1	1.64	31.36	-	-	Peak
307	24.94	-21.06	46	40.78	13.7	1.79	31.33	-	-	Peak
444.9	24.47	-21.53	46	35.98	17.31	2.29	31.11	-	-	Peak
727.7	26.41	-19.59	46	32.83	21.32	3.01	30.75	-	-	Peak
2382	71.93	-2.07	74	67.59	32.16	6.03	33.85	100	138	Peak
2382	49.92	-4.08	54	45.58	32.16	6.03	33.85	100	138	Average
2437	114.45	-	-	109.98	32.24	6.11	33.88	100	138	Peak
2437	95.07	-	-	90.6	32.24	6.11	33.88	100	138	Average
2484	72.59	-1.41	74	68.03	32.28	6.18	33.9	100	138	Peak
2484	52.6	-1.4	54	48.04	32.28	6.18	33.9	100	138	Average
5150	72.89	-1.11	74	62.88	34.25	9.41	33.65	100	79	Peak
5150	52.98	-1.02	54	42.97	34.25	9.41	33.65	100	79	Average
5180	102.65	-	-	92.52	34.28	9.45	33.6	100	79	Average
5180	114.53	-	-	104.4	34.28	9.45	33.6	100	79	Peak
5350	57.53	-16.47	74	46.6	34.45	9.74	33.26	100	79	Peak
5350	44.45	-9.55	54	33.52	34.45	9.74	33.26	100	79	Average
5725	84.98	-3.23	88.21	73.42	34.82	9.92	33.18	100	0	Peak
5745	108.21	-	-	96.67	34.84	9.91	33.21	100	0	Peak
5745	97.18	-	-	85.64	34.84	9.91	33.21	100	0	Average
5850	54.19	-34.02	88.21	42.7	34.94	9.87	33.32	100	0	Peak