

Appendix C. Unwanted Emissions Measurement for Antenna 3

	Antenna Information							
	Model Name	ML-2452-PTA3M3-036						
Antenna 3	Antenna Type	Patch Antenna						
	Antenna Gain	3.7 dBi for WLAN (2.4G) ; 1.5 dBi for WLAN (5G)						

	Test Cases
Test Item	802.11a/n (Modulation : OFDM)
	Mode 1: 802.11a_CH52_5260 MHz (Chain A)
	Mode 2: 802.11a_CH60_5300 MHz (Chain A)
	Mode 3: 802.11a_CH64_5320 MHz (Chain A)
	Mode 4: 802.11a_CH100_5500 MHz (Chain A)
	Mode 5: 802.11a_CH116_5580 MHz (Chain A)
	Mode 6: 802.11a_CH140_5700 MHz (Chain A)
	Mode 7: 802.11a_CH52_5260 MHz (Chain B)
	Mode 8: 802.11a_CH60_5300 MHz (Chain B)
Radiated	Mode 9: 802.11a_CH64_5320 MHz (Chain B)
TCs	Mode 10: 802.11a_CH100_5500 MHz (Chain B)
	Mode 11: 802.11a_CH116_5580 MHz (Chain B)
	Mode 12: 802.11a_CH140_5700 MHz (Chain B)
	Mode 13: 802.11a_CH52_5260 MHz (Chain A+B)
	Mode 14: 802.11a_CH60_5300 MHz (Chain A+B)
	Mode 15: 802.11a_CH64_5320 MHz (Chain A+B)
	Mode 16: 802.11a_CH100_5500 MHz (Chain A+B)
	Mode 17: 802.11a_CH116_5580 MHz (Chain A+B)
	Mode 18: 802.11a_CH140_5700 MHz (Chain A+B)

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C1 of C118
Report Issued Date : Apr. 13, 2012

Report No.: FR092308-08

Report Version : Rev. 02



	Test Cases
	Mode 19: 802.11n_CH52_5260 MHz (BW 20M, Chain A)
	Mode 20: 802.11n_CH60_5300 MHz (BW 20M, Chain A)
	Mode 21: 802.11n_CH64_5320 MHz (BW 20M, Chain A)
	Mode 22: 802.11n_CH100_5500 MHz (BW 20M, Chain A)
	Mode 23: 802.11n_CH116_5580 MHz (BW 20M, Chain A)
	Mode 24: 802.11n_CH140_5700 MHz (BW 20M, Chain A)
	Mode 25: 802.11n_CH52_5260 MHz (BW 20M, Chain B)
	Mode 26: 802.11n_CH60_5300 MHz (BW 20M, Chain B)
Radiated	Mode 27: 802.11n_CH64_5320 MHz (BW 20M, Chain B)
TCs	Mode 28: 802.11n_CH100_5500 MHz (BW 20M, Chain B)
	Mode 29: 802.11n_CH116_5580 MHz (BW 20M, Chain B)
	Mode 30: 802.11n_CH140_5700 MHz (BW 20M, Chain B)
	Mode 31: 802.11n_CH52_5260 MHz (BW 20M, Chain A+B)
	Mode 32: 802.11n_CH60_5300 MHz (BW 20M, Chain A+B)
	Mode 33: 802.11n_CH64_5320 MHz (BW 20M, Chain A+B)
	Mode 34: 802.11n_CH100_5500 MHz (BW 20M, Chain A+B)
	Mode 35: 802.11n_CH116_5580 MHz (BW 20M, Chain A+B)
	Mode 36: 802.11n_CH140_5700 MHz (BW 20M, Chain A+B)

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C2 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



	Test Cases					
	Mode 37: 802.11n_CH54_5270 MHz (BW 40M, Chain A)					
	Mode 38: 802.11n_CH62_5310 MHz (BW 40M, Chain A)					
	Mode 39: 802.11n_CH102_5510 MHz (BW 40M, Chain A)					
	Mode 40: 802.11n_CH110_5550 MHz (BW 40M, Chain A)					
	Mode 41: 802.11n_CH134_5670 MHz (BW 40M, Chain A)					
	Mode 42: 802.11n_CH54_5270 MHz (BW 40M, Chain B)					
	Mode 43: 802.11n_CH62_5310 MHz (BW 40M, Chain B)					
Dodistod	Mode 44: 802.11n_CH102_5510 MHz (BW 40M, Chain B)					
Radiated	Mode 45: 802.11n_CH110_5550 MHz (BW 40M, Chain B)					
TCs	Mode 46: 802.11n_CH134_5670 MHz (BW 40M, Chain B)					
	Mode 47: 802.11n_CH54_5270 MHz (BW 40M, Chain A+B)					
	Mode 48: 802.11n_CH62_5310 MHz (BW 40M, Chain A+B)					
	Mode 49: 802.11n_CH102_5510 MHz (BW 40M, Chain A+B)					
	Mode 50: 802.11n_CH110_5550 MHz (BW 40M, Chain A+B)					
	Mode 51: 802.11n_CH134_5670 MHz (BW 40M, Chain A+B)					
	Mode 52: 802.11n_CH64_5320 MHz (BW 20M, Chain A+B)					
	Mode 53: 802.11n_CH134_5670 MHz (BW 40M, Chain A+B)					
Remark: Mode	1 to 51 of radiation test were performed on DC 4.5V and Mode 52 to 53 were performed on					
DC 3.3	3V.					

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C3 of C118
Report Issued Date : Apr. 13, 2012

Report No.: FR092308-08

Report Version : Rev. 02

> Test Result of Radiated Band Edges

Test Mode :	Mode 1	Temperature :	19~22°C
Test Band :	802.11a (Chain A)	Relative Humidity :	58~61%
Test Channel :	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL												
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark			
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos				
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)				
5150	62.74	-11.26	74	53.73	34.25	9.41	34.65	149	302	Peak			
5150	51.2	-2.8	54	42.19	34.25	9.41	34.65	149	302	Average			

	ANTENNA POLARITY : VERTICAL													
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rem													
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos					
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)					
5150	60.96	-13.04	74	51.95	34.25	9.41	34.65	180	270	Peak				
5150	49.38	-4.62	54	40.37	34.25	9.41	34.65	180	270	Average				

Test Mode :	Mode 3	Temperature :	19~22°C
Test Band :	802.11a (Chain A)	Relative Humidity :	58~61%
Test Channel :	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL												
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark			
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos				
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)				
5350	65.2	-8.8	74	56.41	34.45	9.74	35.4	148	302	Peak			
5350	51.89	-2.11	54	43.1	34.45	9.74	35.4	148	302	Average			

	ANTENNA POLARITY : VERTICAL													
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark				
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos					
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)					
5350	60.1	-13.9	74	51.31	34.45	9.74	35.4	179	271	Peak				
5350	49.39	-4.61	54	40.6	34.45	9.74	35.4	179	271	Average				

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C4 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 4	Temperature :	19~22°C
Test Band :	802.11a (Chain A)	Relative Humidity :	58~61%
Test Channel :	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5470	66.62	-1.68	68.3	55.12	34.47	9.94	32.91	134	321	Peak		

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	60.86	-7.44	68.3	49.36	34.47	9.94	32.91	162	263	Peak	

Test Mode :	Mode 6	Temperature :	19~22°C
Test Band :	802.11a (Chain A)	Relative Humidity :	58~61%
Test Channel :	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	67.26	-1.04	68.3	55.79	34.81	9.92	33.26	108	40	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	58.18	-10.12	68.3	46.71	34.81	9.92	33.26	187	348	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C5 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 7	Temperature :	19~22°C
Test Band :	802.11a (Chain B)	Relative Humidity :	58~61%
Test Channel :	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	cy Level Over Limit Read Antenna Cable Preamp Ant Table Remark											
	Limit Line Level Factor Loss Factor Pos Pos											
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	63.23	-10.77	74	54.22	34.25	9.41	34.65	100	53	Peak		
5150	51.6	-2.4	54	42.59	34.25	9.41	34.65	100	53	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	60.52	-13.48	74	51.51	34.25	9.41	34.65	153	21	Peak		
5150	49.3	-4.7	54	40.29	34.25	9.41	34.65	153	21	Average		

Test Mode :	Mode 9	Temperature :	19~22°C
Test Band :	802.11a (Chain B)	Relative Humidity :	58~61%
Test Channel :	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	67.49	-6.51	74	58.7	34.45	9.74	35.4	110	51	Peak		
5350	52.66	-1.34	54	43.87	34.45	9.74	35.4	110	51	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.65	-13.35	74	51.86	34.45	9.74	35.4	197	28	Peak		
5350	49.04	-4.96	54	40.25	34.45	9.74	35.4	197	28	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C6 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 10	Temperature :	19~22°C
Test Band :	802.11a (Chain B)	Relative Humidity :	58~61%
Test Channel :	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	66.83	-1.47	68.3	55.33	34.47	9.94	32.91	136	54	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	58.63	-9.67	68.3	47.13	34.47	9.94	32.91	149	115	Peak	

Test Mode :	Mode 12	Temperature :	19~22°C
Test Band :	802.11a (Chain B)	Relative Humidity :	58~61%
Test Channel :	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.27	-2.03	68.3	54.8	34.81	9.92	33.26	134	309	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	58.19	-10.11	68.3	46.72	34.81	9.92	33.26	197	351	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C7 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 13	Temperature :	19~22°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	58~61%
Test Channel :	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	63.81	-10.19	74	54.8	34.25	9.41	34.65	146	305	Peak		
5150	51.58	-2.42	54	42.57	34.25	9.41	34.65	146	305	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Ren										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	60.86	-13.14	74	51.85	34.25	9.41	34.65	167	347	Peak		
5150	49.67	-4.33	54	40.66	34.25	9.41	34.65	167	347	Average		

Test Mode :	Mode 15	Temperature :	19~22°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	58~61%
Test Channel :	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Re										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	66.87	-7.13	74	58.08	34.45	9.74	35.4	154	57	Peak		
5350	52.42	-1.58	54	43.63	34.45	9.74	35.4	154	57	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	61.93	-12.07	74	53.14	34.45	9.74	35.4	178	352	Peak		
5350	49.36	-4.64	54	40.57	34.45	9.74	35.4	178	352	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C8 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 16	Temperature :	19~22°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	58~61%
Test Channel :	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	66.25	-2.05	68.3	54.75	34.47	9.94	32.91	134	49	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	59.79	-8.51	68.3	48.29	34.47	9.94	32.91	161	269	Peak	

Test Mode :	Mode 18	Temperature :	19~22°C
Test Band :	802.11a (Chain A+B)	Relative Humidity :	58~61%
Test Channel :	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	65.89	-2.41	68.3	54.42	34.81	9.92	33.26	126	41	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	58.24	-10.06	68.3	46.77	34.81	9.92	33.26	197	2	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C9 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 19	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	ncy Level Over Limit Read Antenna Cable Preamp Ant Table Rem											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	65.28	-8.72	74	56.27	34.25	9.41	34.65	150	306	Peak		
5150	52.02	-1.98	54	43.01	34.25	9.41	34.65	150	306	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	quency Level Over Limit Read Antenna Cable Preamp Ant Table Remark											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	61.43	-12.57	74	52.42	34.25	9.41	34.65	182	270	Peak		
5150	50.04	-3.96	54	41.03	34.25	9.41	34.65	182	270	Average		

Test Mode :	Mode 21	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	65.01	-8.99	74	56.22	34.45	9.74	35.4	135	307	Peak		
5350	52.12	-1.88	54	43.33	34.45	9.74	35.4	135	307	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.92	-13.08	74	52.13	34.45	9.74	35.4	179	270	Peak		
5350	49.49	-4.51	54	40.7	34.45	9.74	35.4	179	270	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C10 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 22	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	66.89	-1.41	68.3	55.39	34.47	9.94	32.91	134	319	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	54.26	-14.04	68.3	42.76	34.47	9.94	32.91	163	250	Peak	

Test Mode :	Mode 24	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.72	-1.58	68.3	55.25	34.81	9.92	33.26	101	47	Peak	

	ANTENNA POLARITY: VERTICAL											
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark											
	Limit Line Level Factor Loss Factor Pos Pos											
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5725	56.01	-12.29	68.3	44.54	34.81	9.92	33.26	197	2	Peak		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C11 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 25	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remar												
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	62.22	-11.78	74	53.21	34.25	9.41	34.65	110	52	Peak		
5150	50.16	-3.84	54	41.15	34.25	9.41	34.65	110	52	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remar												
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	60.41	-13.59	74	51.4	34.25	9.41	34.65	152	97	Peak		
5150	49.21	-4.79	54	40.2	34.25	9.41	34.65	152	97	Average		

Test Mode :	Mode 27	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	66.96	-7.04	74	58.17	34.45	9.74	35.4	108	51	Peak		
5350	51.77	-2.23	54	42.98	34.45	9.74	35.4	108	51	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Ren										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.5	-13.5	74	51.71	34.45	9.74	35.4	164	97	Peak		
5350	49.08	-4.92	54	40.29	34.45	9.74	35.4	164	97	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C12 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 28	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	65.73	-2.57	68.3	54.23	34.47	9.94	32.91	133	51	Peak	

	ANTENNA POLARITY: VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	58.55	-9.75	68.3	47.05	34.47	9.94	32.91	189	345	Peak	

Test Mode :	Mode 30	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(MHz) (dBuV/m) (dB) (dBuV/m) (dBuV) (dB) (dB) (dB) (cm) (deg)										
5725	64.59	-3.71	68.3	53.12	34.81	9.92	33.26	134	310	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	58.5	-9.8	68.3	47.03	34.81	9.92	33.26	197	352	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C13 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 31	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	52	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	requency Level Over Limit Read Antenna Cable Preamp Ant Table Re											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	65.11	-8.89	74	56.1	34.25	9.41	34.65	134	44	Peak		
5150	52.83	-1.17	54	43.82	34.25	9.41	34.65	134	44	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rem										Remark		
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
	5150	61.54	-12.46	74	52.53	34.25	9.41	34.65	166	269	Peak	
	5150	49.79	-4.21	54	40.78	34.25	9.41	34.65	166	269	Average	

Test Mode :	Mode 33	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	65.22	-8.78	74	56.43	34.45	9.74	35.4	107	55	Peak		
5350	52.96	-1.04	54	44.17	34.45	9.74	35.4	107	55	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table R									Remark			
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	61.4	-12.6	74	52.61	34.45	9.74	35.4	165	277	Peak		
5350	49.31	-4.69	54	40.52	34.45	9.74	35.4	165	277	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C14 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 34	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	100	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	67.15	-1.15	68.3	55.65	34.47	9.94	32.91	128	50	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	59.5	-8.8	68.3	48	34.47	9.94	32.91	159	263	Peak	

Test Mode :	Mode 36	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	140	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.56	-1.74	68.3	55.09	34.81	9.92	33.26	102	43	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	57.75	-10.55	68.3	46.28	34.81	9.92	33.26	150	352	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C15 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 37	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	58~61%
Test Channel:	54	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rema										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	64.19	-9.81	74	55.18	34.25	9.41	34.65	151	307	Peak		
5150	52.59	-1.41	54	43.58	34.25	9.41	34.65	151	307	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rema										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	61.2	-12.8	74	52.19	34.25	9.41	34.65	167	273	Peak		
5150	49.76	-4.24	54	40.75	34.25	9.41	34.65	167	273	Average		

Test Mode :	Mode 38	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	62	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	66.22	-7.78	74	57.43	34.45	9.74	35.4	136	309	Peak		
5350	52.38	-1.62	54	43.59	34.45	9.74	35.4	136	309	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rer											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.46	-13.54	74	51.67	34.45	9.74	35.4	125	276	Peak		
5350	49.26	-4.74	54	40.47	34.45	9.74	35.4	125	276	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C16 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 39	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	102	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	requency Level Over Limit Read Antenna Cable Preamp Ant Table Remark									Remark	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	67.15	-1.15	68.3	55.65	34.47	9.94	32.91	140	52	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	61.23	-7.07	68.3	49.73	34.47	9.94	32.91	159	264	Peak	

Test Mode :	Mode 41	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A)	Relative Humidity :	58~61%
Test Channel :	134	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.68	-1.62	68.3	55.21	34.81	9.92	33.26	127	48	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	59.41	-8.89	68.3	47.94	34.81	9.92	33.26	169	260	Peak	

SPORTON INTERNATIONAL INC. TEL: 886-3-327-3456

FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C17 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 42	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	54	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	64.74	-9.26	74	55.73	34.25	9.41	34.65	151	58	Peak		
5150	52.62	-1.38	54	43.61	34.25	9.41	34.65	151	58	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Re										Remark		
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
	5150	60.72	-13.28	74	51.71	34.25	9.41	34.65	152	105	Peak	
	5150	49.51	-4.49	54	40.5	34.25	9.41	34.65	152	105	Average	

Test Mode :	Mode 43	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	62	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	65.71	-8.29	74	56.92	34.45	9.74	35.4	110	52	Peak		
5350	52.1	-1.9	54	43.31	34.45	9.74	35.4	110	52	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Tab								Table	Remark			
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	59.98	-14.02	74	51.19	34.45	9.74	35.4	197	29	Peak		
5350	49.17	-4.83	54	40.38	34.45	9.74	35.4	197	29	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C18 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 44	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	102	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark	
(MHz)	(dBuV/m)		(dBuV/m)		(dB)	(dB)	(dB)	(cm)	(deg)		
5470	67.18	-1.12	68.3	55.68	34.47	9.94	32.91	102	307	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	55.78	-12.52	68.3	44.28	34.47	9.94	32.91	175	9	Peak	

Test Mode :	Mode 46	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain B)	Relative Humidity :	58~61%
Test Channel :	134	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.96	-1.34	68.3	55.49	34.81	9.92	33.26	137	315	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	58.24	-10.06	68.3	46.77	34.81	9.92	33.26	100	336	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C19 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 47	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	54	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	62.93	-11.07	74	53.92	34.25	9.41	34.65	150	301	Peak		
5150	51.75	-2.25	54	42.74	34.25	9.41	34.65	150	301	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Rer										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5150	61.14	-12.86	74	52.13	34.25	9.41	34.65	164	340	Peak		
5150	49.49	-4.51	54	40.48	34.25	9.41	34.65	164	340	Average		

Test Mode :	Mode 48	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	62	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Re										Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	66.63	-7.37	74	57.84	34.45	9.74	35.4	108	54	Peak		
5350	52.81	-1.19	54	44.02	34.45	9.74	35.4	108	54	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark		
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.9	-13.1	74	52.11	34.45	9.74	35.4	148	342	Peak		
5350	49.41	-4.59	54	40.62	34.45	9.74	35.4	148	342	Average		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C20 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 49	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	102	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark	
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos		
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	66.32	-1.98	68.3	54.82	34.47	9.94	32.91	116	53	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5470	58.25	-10.05	68.3	46.75	34.47	9.94	32.91	157	267	Peak	

Test Mode :	Mode 51	Temperature :	19~22°C		
Test Band :	802.11n (BW 40MHz, Chain A+B)	Relative Humidity :	58~61%		
Test Channel:	134	Test Engineer :	Kyle Jhuang / David Yang		

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(MHz) (dBuV/m) (dB) (dBuV/m) (dBuV) (dB) (dB) (dB) (cm) (deg)										
5725	67.27	-1.03	68.3	55.8	34.81	9.92	33.26	125	47	Peak	

	ANTENNA POLARITY : VERTICAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	56.43	-11.87	68.3	44.96	34.81	9.92	33.26	198	12	Peak	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C21 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 52	Temperature :	19~22°C
Test Band :	802.11n (BW 20MHz, Chain A+B)	Relative Humidity :	58~61%
Test Channel:	64	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL											
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remai											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	69.6	-4.4	74	60.81	34.45	9.74	35.4	153	52	Peak		
5350	52.68	-1.32	54	43.89	34.45	9.74	35.4	153	52	Average		

	ANTENNA POLARITY : VERTICAL											
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark Limit Line Level Factor Loss Factor Pos Pos											
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5350	60.37	-13.63	74	51.58	34.45	9.74	35.4	178	276	Peak		
5350	49.55	-4.45	54	40.76	34.45	9.74	35.4	178	276	Average		

Test Mode :	Mode 53	Temperature :	19~22°C
Test Band :	802.11n (BW 40MHz,Chain A+B)	Relative Humidity :	58~61%
Test Channel:	134	Test Engineer :	Kyle Jhuang / David Yang

	ANTENNA POLARITY : HORIZONTAL										
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark										
	Limit Line Level Factor Loss Factor Pos Pos										
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)		
5725	66.37	-1.93	68.3	54.9	34.81	9.92	33.26	102	48	Peak	

	ANTENNA POLARITY : VERTICAL											
Frequency	Frequency Level Over Limit Read Antenna Cable Preamp Ant Table Remark											
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos			
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)			
5725	60.27	-8.03	68.3	48.8	34.81	9.92	33.26	154	266	Peak		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C22 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



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

Test Mode :	Mode 1	Temperature :	19~22°C				
Test Channel :	52	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Domosik .	1. 5260 MHz is fundamental siç	5260 MHz is fundamental signal which can be ignored.					
Remark :	2. 3510 MHz and 10520 MHz a	re not within a restricted	band.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	49.65	-24.35	74	51.16	27.84	4.31	33.66	100	0	Peak
2492	54.38	-19.62	74	49.47	32.3	6.18	33.57	150	234	Peak
2492	41.92	-12.08	54	37.01	32.3	6.18	33.57	150	234	Average
3510	50.27	-18.03	68.3	43.59	32.62	7.87	33.81	100	0	Peak
5150	62.74	-11.26	74	53.73	34.25	9.41	34.65	149	302	Peak
5150	51.2	-2.8	54	42.19	34.25	9.41	34.65	149	302	Average
5260	115.71	-	-	106.81	34.37	9.62	35.09	149	302	Peak
5260	105.1	-	-	96.2	34.37	9.62	35.09	149	302	Average
5350	63.71	-10.29	74	54.92	34.45	9.74	35.4	149	302	Peak
5350	50.78	-3.22	54	41.99	34.45	9.74	35.4	149	302	Average
7462	48.15	-25.85	74	59.59	35.33	10.13	56.9	100	0	Peak
10520	46.04	-22.26	68.3	53.64	37.61	11.21	56.42	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C23 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 1	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domests .	. 5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520MHz is not within a res	10520MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.92	-24.08	74	51.46	27.83	4.31	33.68	100	0	Peak
2500	53.87	-20.13	74	48.96	32.3	6.18	33.57	133	140	Peak
2500	41.54	-12.46	54	36.63	32.3	6.18	33.57	133	140	Average
3616	50.95	-23.05	74	43.89	32.77	8.1	33.81	100	0	Peak
5150	60.96	-13.04	74	51.95	34.25	9.41	34.65	180	270	Peak
5150	49.38	-4.62	54	40.37	34.25	9.41	34.65	180	270	Average
5260	107.68	-	-	98.79	34.35	9.57	35.03	180	270	Peak
5260	96.98	-	-	88.08	34.37	9.62	35.09	180	270	Average
5350	60.22	-13.78	74	51.43	34.45	9.74	35.4	180	270	Peak
5350	49.07	-4.93	54	40.28	34.45	9.74	35.4	180	270	Average
7494	49.18	-24.82	74	60.61	35.3	10.15	56.88	100	0	Peak
10520	45.81	-22.49	68.3	53.41	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C24 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 2	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	1. 5300 MHz is fundamental sig	5300 MHz is fundamental signal which can be ignored.						
Remark :	2. 3592 MHz is not within a rest	3592 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1324	49.74	-24.26	74	51.28	27.83	4.31	33.68	100	0	Peak
2492	53.25	-20.75	74	48.34	32.3	6.18	33.57	139	33	Peak
2492	40.92	-13.08	54	36.01	32.3	6.18	33.57	139	33	Average
3592	50.69	-17.61	68.3	43.74	32.72	8.04	33.81	100	0	Peak
5150	63.64	-10.36	74	54.63	34.25	9.41	34.65	149	302	Peak
5150	52.07	-1.93	54	43.06	34.25	9.41	34.65	149	302	Average
5300	106.39	-	-	97.54	34.4	9.66	35.21	149	302	Average
5300	117.03	-	-	108.18	34.4	9.66	35.21	149	302	Peak
5350	63.46	-10.54	74	54.67	34.45	9.74	35.4	149	302	Peak
5350	52.53	-1.47	54	43.74	34.45	9.74	35.4	149	302	Average
7468	47.72	-26.28	74	59.15	35.33	10.14	56.9	100	0	Peak
10600	44.64	-29.36	74	51.75	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C25 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 2	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	1. 5300 MHz is fundamental sig	. 5300 MHz is fundamental signal which can be ignored.						
Remark :	2. 3572MHz is not within a restr	3572MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1326	55.03	-18.97	74	56.57	27.83	4.31	33.68	123	117	Peak
1326	36.34	-17.66	54	37.88	27.83	4.31	33.68	123	117	Average
2500	53.1	-20.9	74	48.19	32.3	6.18	33.57	136	225	Peak
2500	41.11	-12.89	54	36.2	32.3	6.18	33.57	136	225	Average
3572	50.91	-17.39	68.3	44.04	32.7	7.98	33.81	100	0	Peak
5150	49.58	-4.42	54	40.57	34.25	9.41	34.65	179	269	Average
5150	60.62	-13.38	74	51.61	34.25	9.41	34.65	179	269	Peak
5300	98.94	-	-	90.09	34.4	9.66	35.21	179	269	Average
5300	108.89	-	-	100.04	34.4	9.66	35.21	179	269	Peak
5350	49.41	-4.59	54	40.62	34.45	9.74	35.4	179	269	Average
5350	61.22	-12.78	74	52.43	34.45	9.74	35.4	179	269	Peak
7484	49.86	-24.14	74	61.3	35.31	10.14	56.89	100	0	Peak
10600	45.13	-28.87	74	52.24	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C26 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 3	Temperature :	19~22°C						
Test Channel :	64	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domonic .	5320 MHz is fundamental signal which can be ignored.								
Remark :	2. 3568 MHz is not within a res	3568 MHz is not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	47.02	-26.98	74	48.56	27.83	4.31	33.68	100	0	Peak
2492	54.64	-19.36	74	49.73	32.3	6.18	33.57	159	233	Peak
2492	42.23	-11.77	54	37.32	32.3	6.18	33.57	159	233	Average
3568	50.34	-17.96	68.3	43.47	32.7	7.98	33.81	100	0	Peak
5150	62.01	-11.99	74	53	34.25	9.41	34.65	148	302	Peak
5150	50.31	-3.69	54	41.3	34.25	9.41	34.65	148	302	Average
5320	104.04	-	-	95.2	34.42	9.7	35.28	148	302	Average
5320	113.97	-	-	105.13	34.42	9.7	35.28	148	302	Peak
5350	65.2	-8.8	74	56.41	34.45	9.74	35.4	148	302	Peak
5350	51.89	-2.11	54	43.1	34.45	9.74	35.4	148	302	Average
7486	47.47	-26.53	74	58.91	35.3	10.14	56.88	100	0	Peak
10640	43.56	-30.44	74	50.39	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C27 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 3	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	1. 5320 MHz is fundamental sig	5320 MHz is fundamental signal which can be ignored.						
Remark :	2. 3586 MHz is not within a rest	3586 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.4	-23.6	74	51.91	27.84	4.31	33.66	100	0	Peak
2492	52.84	-21.16	74	47.93	32.3	6.18	33.57	162	188	Peak
2492	41.47	-12.53	54	36.56	32.3	6.18	33.57	162	188	Average
3586	50.53	-17.77	68.3	43.58	32.72	8.04	33.81	100	0	Peak
5150	61.77	-12.23	74	52.76	34.25	9.41	34.65	179	271	Peak
5150	49.43	-4.57	54	40.42	34.25	9.41	34.65	179	271	Average
5320	95.95	-	-	87.11	34.42	9.7	35.28	179	271	Average
5320	106.37	-	-	97.53	34.42	9.7	35.28	179	271	Peak
5350	60.1	-13.9	74	51.31	34.45	9.74	35.4	179	271	Peak
5350	49.39	-4.61	54	40.6	34.45	9.74	35.4	179	271	Average
7492	48.84	-25.16	74	60.28	35.3	10.14	56.88	100	0	Peak
10640	43.6	-30.4	74	50.43	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C28 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 4	Temperature :	19~22°C					
Test Channel :	100	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	. 5500 MHz is fundamental signal which can be ignored.							
Remark :	2. 3584MHz, 5470 MHz and 57	3584MHz, 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.22	-23.78	74	51.73	27.84	4.31	33.66	100	0	Peak
2492	54.69	-19.31	74	49.78	32.3	6.18	33.57	123	66	Peak
2492	42.46	-11.54	54	37.55	32.3	6.18	33.57	123	66	Average
3584	50.34	-17.96	68.3	43.39	32.72	8.04	33.81	100	0	Peak
5460	64.25	-9.75	74	52.76	34.46	9.94	32.91	134	321	Peak
5460	48.79	-5.21	54	37.3	34.46	9.94	32.91	134	321	Average
5470	66.62	-1.68	68.3	55.12	34.47	9.94	32.91	134	321	Peak
5500	104.74	-	-	93.12	34.5	10.02	32.9	134	321	Average
5500	113.98	-	-	102.41	34.49	9.98	32.9	134	321	Peak
5725	54.2	-14.1	68.3	42.73	34.81	9.92	33.26	134	321	Peak
7468	47.6	-26.4	74	59.03	35.33	10.14	56.9	100	0	Peak
11000	49.36	-24.64	74	53.86	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C29 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 4	Temperature :	19~22°C					
Test Channel :	100	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	1. 5500 MHz is fundamental sig	5500 MHz is fundamental signal which can be ignored.						
Remark :	2. 3486 MHz, 5470 MHz and 57	3486 MHz, 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.95	-25.05	74	50.46	27.84	4.31	33.66	100	0	Peak
2500	52.48	-21.52	74	47.57	32.3	6.18	33.57	145	160	Peak
2500	41.57	-12.43	54	36.66	32.3	6.18	33.57	145	160	Average
3486	50.88	-17.42	68.3	44.27	32.61	7.81	33.81	100	0	Peak
5460	59.36	-14.64	74	47.87	34.46	9.94	32.91	162	263	Peak
5460	44.11	-9.89	54	32.62	34.46	9.94	32.91	162	263	Average
5470	60.86	-7.44	68.3	49.36	34.47	9.94	32.91	162	263	Peak
5500	97.71	-	-	86.09	34.5	10.02	32.9	162	263	Average
5500	107.35	-	-	95.78	34.49	9.98	32.9	162	263	Peak
5725	54.1	-14.2	68.3	42.63	34.81	9.92	33.26	162	263	Peak
7486	48.87	-25.13	74	60.31	35.3	10.14	56.88	100	0	Peak
11000	49.3	-24.7	74	53.8	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C30 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 5	Temperature :	19~22°C						
Test Channel :	116	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5580 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	47.77	-26.23	74	49.68	27.84	4.31	34.06	100	0	Peak
5470	65.71	-2.59	68.3	54.21	34.57	9.94	33.01	127	317	Peak
5580	119.6	-	-	107.94	34.67	9.99	33	127	317	Peak
5580	109.92	-	-	98.26	34.67	9.99	33	127	317	Average
5725	60.77	-7.53	68.3	49.21	34.82	9.92	33.18	127	317	Peak

Test Mode :	Mode 5	Temperature :	19~22°C				
Test Channel :	116	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5580 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
2492	50.89	-23.11	74	46.31	32.3	6.18	33.9	100	0	Peak
5470	56.94	-11.36	68.3	45.44	34.57	9.94	33.01	104	259	Peak
		-11.50	00.5							
5580	100.65	-	-	88.99	34.67	9.99	33	104	259	Average
5580	111.77	-	-	100.11	34.67	9.99	33	104	259	Peak
5725	52.63	-15.67	68.3	41.07	34.82	9.92	33.18	104	259	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C31 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 6	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 3590 MHz, 5470 MHz and 572	. 3590 MHz, 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.85	-23.15	74	52.36	27.84	4.31	33.66	100	0	Peak
2492	54.06	-19.94	74	49.15	32.3	6.18	33.57	136	221	Peak
2492	41.76	-12.24	54	36.85	32.3	6.18	33.57	136	221	Average
3590	50.5	-17.8	68.3	43.55	32.72	8.04	33.81	100	0	Peak
5470	55.04	-13.26	68.3	43.54	34.47	9.94	32.91	108	40	Peak
5700	104.16	-	-	92.68	34.77	9.93	33.22	108	40	Average
5700	113.34	-	-	101.86	34.77	9.93	33.22	108	40	Peak
5725	67.26	-1.04	68.3	55.79	34.81	9.92	33.26	108	40	Peak
7492	48.31	-25.69	74	59.75	35.3	10.14	56.88	100	0	Peak
11400	48.01	-25.99	74	52.33	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C32 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 6	Temperature :	19~22°C					
Test Channel :	140	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5700 MHz is fundamental signal which can be ignored.							
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	47.78	-26.22	74	49.29	27.84	4.31	33.66	100	0	Peak
2492	52.69	-21.31	74	47.78	32.3	6.18	33.57	178	39	Peak
2492	41.4	-12.6	54	36.49	32.3	6.18	33.57	178	39	Average
3606	50.97	-23.03	74	43.94	32.74	8.1	33.81	100	0	Peak
5470	54.66	-13.64	68.3	43.16	34.47	9.94	32.91	187	348	Peak
5700	105.19	-	-	93.71	34.77	9.93	33.22	187	348	Peak
5700	95.79	-	-	84.31	34.77	9.93	33.22	187	348	Average
5725	58.18	-10.12	68.3	46.71	34.81	9.92	33.26	187	348	Peak
7492	49.61	-24.39	74	61.05	35.3	10.14	56.88	100	0	Peak
11400	48.2	-25.8	74	52.52	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C33 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 7	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Remark :	5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520 MHz is not within a res	10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.59	-23.41	74	52.1	27.84	4.31	33.66	100	0	Peak
2492	52.83	-21.17	74	47.92	32.3	6.18	33.57	100	141	Peak
2492	39.58	-14.42	54	34.67	32.3	6.18	33.57	100	141	Average
3888	50.86	-23.14	74	42.76	33.16	8.73	33.79	100	0	Peak
5150	63.23	-10.77	74	54.22	34.25	9.41	34.65	100	53	Peak
5150	51.6	-2.4	54	42.59	34.25	9.41	34.65	100	53	Average
5260	115.32	-	-	106.43	34.35	9.57	35.03	100	53	Peak
5260	105.17	-	-	96.27	34.37	9.62	35.09	100	53	Average
5350	62.3	-11.7	74	53.51	34.45	9.74	35.4	100	53	Peak
5350	49.91	-4.09	54	41.12	34.45	9.74	35.4	100	53	Average
7462	48.06	-25.94	74	59.5	35.33	10.13	56.9	100	0	Peak
10520	48.02	-20.28	68.3	55.62	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C34 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 7	Temperature :	19~22°C				
Test Channel :	52	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5260 MHz is fundamental signal which can be ignored.						
	2. 10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.31	-24.69	74	50.85	27.83	4.31	33.68	100	0	Peak
2500	52.6	-21.4	74	47.69	32.3	6.18	33.57	108	221	Peak
2500	40.54	-13.46	54	35.63	32.3	6.18	33.57	108	221	Average
3928	50.76	-23.24	74	42.5	33.2	8.85	33.79	100	0	Peak
5150	60.52	-13.48	74	51.51	34.25	9.41	34.65	153	21	Peak
5150	49.3	-4.7	54	40.29	34.25	9.41	34.65	153	21	Average
5260	107.09	-	-	98.19	34.37	9.62	35.09	153	21	Peak
5260	97.09	-	-	88.19	34.37	9.62	35.09	153	21	Average
5350	60.26	-13.74	74	51.47	34.45	9.74	35.4	153	21	Peak
5350	48.52	-5.48	54	39.73	34.45	9.74	35.4	153	21	Average
7484	49.06	-24.94	74	60.5	35.31	10.14	56.89	100	0	Peak
10520	48.93	-19.37	68.3	56.53	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C35 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 8	Temperature :	19~22°C				
Test Channel :	60	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Remark :	5300 MHz is fundamental signal which can be ignored.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	49.96	-24.04	74	51.47	27.84	4.31	33.66	100	0	Peak
2492	53.35	-20.65	74	48.44	32.3	6.18	33.57	100	78	Peak
2492	40.21	-13.79	54	35.3	32.3	6.18	33.57	100	78	Average
3754	49.78	-24.22	74	42.18	32.96	8.44	33.8	100	0	Peak
5150	50.59	-3.41	54	41.58	34.25	9.41	34.65	110	51	Average
5150	62.88	-11.12	74	53.87	34.25	9.41	34.65	110	51	Peak
5300	106.13	-	-	97.28	34.4	9.66	35.21	110	51	Average
5300	117.09	-	-	108.24	34.4	9.66	35.21	110	51	Peak
5350	64.68	-9.32	74	55.89	34.45	9.74	35.4	110	51	Peak
5350	52.79	-1.21	54	44	34.45	9.74	35.4	110	51	Average
7486	48.24	-25.76	74	59.68	35.3	10.14	56.88	100	0	Peak
10600	47.66	-26.34	74	54.77	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C36 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 8	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5300 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1328	50.51	-23.49	74	52.05	27.83	4.31	33.68	100	0	Peak
2494	53.41	-20.59	74	48.5	32.3	6.18	33.57	100	64	Peak
2494	41.83	-12.17	54	36.92	32.3	6.18	33.57	100	64	Average
3648	50.15	-23.85	74	42.97	32.82	8.16	33.8	100	0	Peak
5150	49.32	-4.68	54	40.31	34.25	9.41	34.65	165	95	Average
5150	60.66	-13.34	74	51.65	34.25	9.41	34.65	165	95	Peak
5300	97.69	-	-	88.84	34.4	9.66	35.21	165	95	Average
5300	108.1	-	-	99.25	34.4	9.66	35.21	165	95	Peak
5350	60.76	-13.24	74	51.97	34.45	9.74	35.4	165	95	Peak
5350	49.17	-4.83	54	40.38	34.45	9.74	35.4	165	95	Average
7486	49.57	-24.43	74	61.01	35.3	10.14	56.88	100	0	Peak
10600	48.62	-25.38	74	55.73	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C37 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 9	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	yle Jhuang / David Yang Polarization :						
Remark :	5320 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	52.18	-21.82	74	53.72	27.83	4.31	33.68	118	39	Peak
1326	39.44	-14.56	54	40.98	27.83	4.31	33.68	118	39	Average
2492	40.57	-13.43	54	35.66	32.3	6.18	33.57	100	77	Average
2492	53.52	-20.48	74	48.61	32.3	6.18	33.57	100	77	Peak
3914	50.35	-23.65	74	42.17	33.18	8.79	33.79	100	0	Peak
5150	49.75	-4.25	54	40.74	34.25	9.41	34.65	110	51	Average
5150	60.88	-13.12	74	51.87	34.25	9.41	34.65	110	51	Peak
5320	104.42	-	-	95.58	34.42	9.7	35.28	110	51	Average
5320	115.17	-	-	106.33	34.42	9.7	35.28	110	51	Peak
5350	67.49	-6.51	74	58.7	34.45	9.74	35.4	110	51	Peak
5350	52.66	-1.34	54	43.87	34.45	9.74	35.4	110	51	Average
7494	48.95	-25.05	74	60.38	35.3	10.15	56.88	100	0	Peak
10640	47.96	-26.04	74	54.79	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C38 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 9	Temperature :	19~22°C						
Test Channel :	64	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	/le Jhuang / David Yang							
Remark :	5320 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.38	-23.62	74	51.92	27.83	4.31	33.68	100	0	Peak
2494	53.48	-20.52	74	48.57	32.3	6.18	33.57	104	185	Peak
2494	41.94	-12.06	54	37.03	32.3	6.18	33.57	104	185	Average
3942	50.47	-23.53	74	42.13	33.23	8.9	33.79	100	0	Peak
5150	48.98	-5.02	54	39.97	34.25	9.41	34.65	197	28	Average
5150	60.59	-13.41	74	51.58	34.25	9.41	34.65	197	28	Peak
5320	95.66	-	-	86.82	34.42	9.7	35.28	197	28	Average
5320	105.22	-	-	96.38	34.42	9.7	35.28	197	28	Peak
5350	60.65	-13.35	74	51.86	34.45	9.74	35.4	197	28	Peak
5350	49.04	-4.96	54	40.25	34.45	9.74	35.4	197	28	Average
7494	49.63	-24.37	74	61.06	35.3	10.15	56.88	100	0	Peak
10640	49.21	-24.79	74	56.04	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C39 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 10	Temperature :	19~22°C					
Test Channel :	100	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Remark :	5500 MHz is fundamental signal which can be ignored.							
	2. 5470 MHz and 5725 MHz are							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.47	-24.53	74	51.01	27.83	4.31	33.68	100	0	Peak
2486	54.15	-19.85	74	49.25	32.28	6.18	33.56	126	91	Peak
2486	41.23	-12.77	54	36.33	32.28	6.18	33.56	126	91	Average
3904	50.19	-23.81	74	42.01	33.18	8.79	33.79	100	0	Peak
5460	64	-10	74	52.51	34.46	9.94	32.91	136	54	Peak
5460	51.2	-2.8	54	39.71	34.46	9.94	32.91	136	54	Average
5470	66.83	-1.47	68.3	55.33	34.47	9.94	32.91	136	54	Peak
5500	106.09	-	-	94.47	34.5	10.02	32.9	136	54	Average
5500	115.81	-	-	104.19	34.5	10.02	32.9	136	54	Peak
5725	56.69	-11.61	68.3	45.22	34.81	9.92	33.26	136	54	Peak
7492	48.42	-25.58	74	59.86	35.3	10.14	56.88	100	0	Peak
11000	50.74	-23.26	74	55.24	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C40 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 10	Temperature :	19~22°C				
Test Channel :	100	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5500 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1326	53.31	-20.69	74	54.85	27.83	4.31	33.68	147	75	Peak
1326	39.82	-14.18	54	41.36	27.83	4.31	33.68	147	75	Average
2500	40.1	-13.9	54	35.19	32.3	6.18	33.57	100	56	Average
2500	53.06	-20.94	74	48.15	32.3	6.18	33.57	100	56	Peak
3890	50.63	-23.37	74	42.53	33.16	8.73	33.79	100	0	Peak
5460	55.58	-18.42	74	44.09	34.46	9.94	32.91	149	115	Peak
5460	41.54	-12.46	54	30.05	34.46	9.94	32.91	149	115	Average
5470	58.63	-9.67	68.3	47.13	34.47	9.94	32.91	149	115	Peak
5500	106.77	-	-	95.2	34.49	9.98	32.9	149	115	Peak
5500	97.81	-	-	86.19	34.5	10.02	32.9	149	115	Average
5725	53.96	-14.34	68.3	42.49	34.81	9.92	33.26	149	115	Peak
7462	49.64	-24.36	74	61.08	35.33	10.13	56.9	100	0	Peak
11000	53.59	-20.41	74	58.09	37.9	13.22	55.62	133	297	Peak
11000	42.1	-11.9	54	46.6	37.9	13.22	55.62	133	297	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C41 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 11	Temperature :	19~22°C					
Test Channel :	116	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Remark :	5580 MHz is fundamental signal which can be ignored.							
	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.18	-25.82	74	50.1	27.83	4.31	34.06	100	0	Peak
5470	65.65	-2.65	68.3	54.15	34.57	9.94	33.01	103	36	Peak
5580	110.21	-	-	98.55	34.67	9.99	33	103	36	Average
5580	120.61	-	-	108.95	34.67	9.99	33	103	36	Peak
5725	62.88	-5.42	68.3	51.32	34.82	9.92	33.18	103	36	Peak

Test Mode :	Mode 11	Temperature :	19~22°C					
Test Channel :	116	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5580 MHz is fundamental signal which can be ignored.							
	2. 5470 MHz and 5725 MHz are	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
2492	49.93	-24.07	74	45.35	32.3	6.18	33.9	100	0	Peak
5470	56.52	-11.78	68.3	45.02	34.57	9.94	33.01	196	344	Peak
5580	112.99	-	-	101.33	34.67	9.99	33	196	344	Peak
5580	102.83	-	-	91.17	34.67	9.99	33	196	344	Average
5725	55.09	-13.21	68.3	43.53	34.82	9.92	33.18	196	344	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C42 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 12	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	g g							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.97	-23.03	74	52.51	27.83	4.31	33.68	100	0	Peak
2492	54.1	-19.9	74	49.19	32.3	6.18	33.57	150	107	Peak
2492	41.69	-12.31	54	36.78	32.3	6.18	33.57	150	107	Average
3938	50.34	-23.66	74	42.05	33.23	8.85	33.79	100	0	Peak
5470	59.56	-8.74	68.3	48.06	34.47	9.94	32.91	134	309	Peak
5700	114.76	-	-	103.28	34.77	9.93	33.22	134	309	Peak
5700	105.32	-	-	93.84	34.77	9.93	33.22	134	309	Average
5725	66.27	-2.03	68.3	54.8	34.81	9.92	33.26	134	309	Peak
7494	48.39	-25.61	74	59.82	35.3	10.15	56.88	100	0	Peak
11400	49.61	-24.39	74	53.93	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C43 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 12	Temperature :	19~22°C				
Test Channel :	140	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domests .	5700 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1332	50.44	-23.56	74	51.95	27.84	4.31	33.66	100	0	Peak
2494	52.47	-21.53	74	47.56	32.3	6.18	33.57	163	122	Peak
2494	40.57	-13.43	54	35.66	32.3	6.18	33.57	163	122	Average
3694	50.12	-23.88	74	42.78	32.87	8.27	33.8	100	0	Peak
5470	54.12	-14.18	68.3	42.62	34.47	9.94	32.91	197	351	Peak
5700	106.86	-	-	95.38	34.77	9.93	33.22	197	351	Peak
5700	97.31	-	-	85.83	34.77	9.93	33.22	197	351	Average
5725	58.19	-10.11	68.3	46.72	34.81	9.92	33.26	197	351	Peak
7492	49.36	-24.64	74	60.8	35.3	10.14	56.88	100	0	Peak
11400	49.43	-24.57	74	53.75	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C44 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 13	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520 MHz is not within a res	. 10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.32	-25.68	74	49.86	27.83	4.31	33.68	100	0	Peak
2492	53.66	-20.34	74	48.75	32.3	6.18	33.57	131	184	Peak
2492	41.81	-12.19	54	36.9	32.3	6.18	33.57	131	184	Average
3724	49.24	-24.76	74	41.74	32.91	8.39	33.8	100	0	Peak
5150	63.81	-10.19	74	54.8	34.25	9.41	34.65	146	305	Peak
5150	51.58	-2.42	54	42.57	34.25	9.41	34.65	146	305	Average
5260	116.45	-	-	107.56	34.35	9.57	35.03	146	305	Peak
5260	105.17	-	-	96.27	34.37	9.62	35.09	146	305	Average
5350	64.21	-9.79	74	55.42	34.45	9.74	35.4	146	305	Peak
5350	52.67	-1.33	54	43.88	34.45	9.74	35.4	146	305	Average
7468	49.62	-24.38	74	61.05	35.33	10.14	56.9	100	0	Peak
10520	48.38	-19.92	68.3	55.98	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C45 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 13	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520 MHz is not within a res	Ç Ç						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.13	-23.87	74	51.67	27.83	4.31	33.68	100	0	Peak
2500	52.19	-21.81	74	47.28	32.3	6.18	33.57	141	196	Peak
2500	40.04	-13.96	54	35.13	32.3	6.18	33.57	141	196	Average
3798	48.97	-25.03	74	41.18	33.03	8.56	33.8	100	0	Peak
5150	60.86	-13.14	74	51.85	34.25	9.41	34.65	167	347	Peak
5150	49.67	-4.33	54	40.66	34.25	9.41	34.65	167	347	Average
5260	108.49	-	-	99.59	34.37	9.62	35.09	167	347	Peak
5260	97.04	-	-	88.14	34.37	9.62	35.09	167	347	Average
5350	60.14	-13.86	74	51.35	34.45	9.74	35.4	167	347	Peak
5350	48.97	-5.03	54	40.18	34.45	9.74	35.4	167	347	Average
7492	50.46	-23.54	74	61.9	35.3	10.14	56.88	100	0	Peak
10520	48.43	-19.87	68.3	56.03	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C46 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 14	Temperature :	19~22°C						
Test Channel :	60	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Remark :	5300 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
99.66	32.81	-10.69	43.5	53.57	9.79	0.99	31.54	-	-	Peak
200.1	37.44	-6.06	43.5	58.5	9.1	1.32	31.48	122	358	Peak
298.65	38.88	-7.12	46	55.01	13.44	1.76	31.33	-	-	Peak
300.7	38.45	-7.55	46	54.52	13.49	1.77	31.33	-	-	Peak
399.4	35.73	-10.27	46	48.21	16.56	2.14	31.18	-	-	Peak
799.8	37.19	-8.81	46	42.26	22.47	3.14	30.68	-	-	Peak
1326	50.1	-23.9	74	51.64	27.83	4.31	33.68	100	0	Peak
2492	52.98	-21.02	74	48.07	32.3	6.18	33.57	141	175	Peak
2492	41.23	-12.77	54	36.32	32.3	6.18	33.57	141	175	Average
3816	49.76	-24.24	74	41.94	33.06	8.56	33.8	100	0	Peak
5150	51.81	-2.19	54	42.8	34.25	9.41	34.65	108	43	Average
5150	62.82	-11.18	74	53.81	34.25	9.41	34.65	108	43	Peak
5300	107.38	-	-	98.53	34.4	9.66	35.21	108	43	Average
5300	117.53	-	-	108.68	34.4	9.66	35.21	108	43	Peak
5350	66.54	-7.46	74	57.75	34.45	9.74	35.4	108	43	Peak
5350	52.3	-1.7	54	43.51	34.45	9.74	35.4	108	43	Average
7484	48.59	-25.41	74	60.03	35.31	10.14	56.89	100	0	Peak
10600	47.87	-26.13	74	54.98	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C47 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 14	Temperature :	19~22°C						
Test Channel :	60	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	e Jhuang / David Yang Polarization :							
Remark :	3300 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
99.66	36.18	-7.32	43.5	56.94	9.79	0.99	31.54	100	47	Peak
199.02	34.19	-9.31	43.5	55.25	9.1	1.32	31.48	-	-	Peak
299.73	37.85	-8.15	46	53.95	13.46	1.77	31.33	-	-	Peak
300	34.88	-11.12	46	50.98	13.46	1.77	31.33	-	-	Peak
666.1	32.28	-13.72	46	39.75	20.51	2.87	30.85	-	-	Peak
1000	34.44	-19.56	54	36.62	24.89	3.51	30.58	-	-	Peak
1332	49.07	-24.93	74	50.58	27.84	4.31	33.66	100	0	Peak
2492	52.25	-21.75	74	47.34	32.3	6.18	33.57	166	89	Peak
2492	40.07	-13.93	54	35.16	32.3	6.18	33.57	166	89	Average
3708	49.19	-24.81	74	41.77	32.89	8.33	33.8	100	0	Peak
5150	49.24	-4.76	54	40.23	34.25	9.41	34.65	164	260	Average
5150	61.98	-12.02	74	52.97	34.25	9.41	34.65	164	260	Peak
5300	98.07	-	-	89.22	34.4	9.66	35.21	164	260	Average
5300	108.59	-	-	99.74	34.4	9.66	35.21	164	260	Peak
5350	60.8	-13.2	74	52.01	34.45	9.74	35.4	164	260	Peak
5350	49.37	-4.63	54	40.58	34.45	9.74	35.4	164	260	Average
7468	49.81	-24.19	74	61.24	35.33	10.14	56.9	100	0	Peak
10600	48.17	-25.83	74	55.28	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C48 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 15	Temperature :	19~22°C						
Test Channel :	64	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	yle Jhuang / David Yang Polarization : Horizontal							
Remark :	5320 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.9	-25.1	74	50.44	27.83	4.31	33.68	100	0	Peak
2492	53.18	-20.82	74	48.27	32.3	6.18	33.57	136	241	Peak
2492	41.36	-12.64	54	36.45	32.3	6.18	33.57	136	241	Average
3776	49.41	-24.59	74	41.72	32.99	8.5	33.8	100	0	Peak
5150	51.89	-2.11	54	42.88	34.25	9.41	34.65	154	57	Average
5150	63.31	-10.69	74	54.3	34.25	9.41	34.65	154	57	Peak
5320	105.16	-	-	96.32	34.42	9.7	35.28	154	57	Average
5320	116.45	-	-	107.61	34.42	9.7	35.28	154	57	Peak
5350	66.87	-7.13	74	58.08	34.45	9.74	35.4	154	57	Peak
5350	52.42	-1.58	54	43.63	34.45	9.74	35.4	154	57	Average
7484	48.75	-25.25	74	60.19	35.31	10.14	56.89	100	0	Peak
10640	48.82	-25.18	74	55.65	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C49 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 15	Temperature :	19~22°C						
Test Channel :	64	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	yle Jhuang / David Yang Polarization :							
Remark :	5320 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.33	-25.67	74	49.87	27.83	4.31	33.68	100	0	Peak
2500	52.06	-21.94	74	47.15	32.3	6.18	33.57	106	112	Peak
2500	40.32	-13.68	54	35.41	32.3	6.18	33.57	106	112	Average
3886	49.68	-24.32	74	41.58	33.16	8.73	33.79	100	0	Peak
5150	49.26	-4.74	54	40.25	34.25	9.41	34.65	178	352	Average
5150	60.7	-13.3	74	51.69	34.25	9.41	34.65	178	352	Peak
5320	97.09	-	-	88.25	34.42	9.7	35.28	178	352	Average
5320	109.2	-	-	100.36	34.42	9.7	35.28	178	352	Peak
5350	61.93	-12.07	74	53.14	34.45	9.74	35.4	178	352	Peak
5350	49.36	-4.64	54	40.57	34.45	9.74	35.4	178	352	Average
7494	50.06	-23.94	74	61.49	35.3	10.15	56.88	100	0	Peak
10640	48.57	-25.43	74	55.4	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C50 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 16	Temperature :	19~22°C						
Test Channel :	100	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domanic .	5500 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.86	-24.14	74	51.4	27.83	4.31	33.68	100	0	Peak
2492	53.14	-20.86	74	48.23	32.3	6.18	33.57	131	174	Peak
2492	40.88	-13.12	54	35.97	32.3	6.18	33.57	131	174	Average
3730	49.26	-24.74	74	41.73	32.94	8.39	33.8	100	0	Peak
5460	64.7	-9.3	74	53.21	34.46	9.94	32.91	134	49	Peak
5460	51.31	-2.69	54	39.82	34.46	9.94	32.91	134	49	Average
5470	66.25	-2.05	68.3	54.75	34.47	9.94	32.91	134	49	Peak
5500	104.47	-	-	92.85	34.5	10.02	32.9	134	49	Average
5500	116.5	-	-	104.93	34.49	9.98	32.9	134	49	Peak
5725	57.51	-10.79	68.3	46.04	34.81	9.92	33.26	134	49	Peak
7484	49.07	-24.93	74	60.51	35.31	10.14	56.89	100	0	Peak
11000	52.04	-21.96	74	56.54	37.9	13.22	55.62	151	205	Peak
11000	39.47	-14.53	54	43.97	37.9	13.22	55.62	151	205	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C51 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 16	Temperature :	19~22°C				
Test Channel :	100	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5500 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1332	52.25	-21.75	74	53.76	27.84	4.31	33.66	130	78	Peak
1332	34.67	-19.33	54	36.18	27.84	4.31	33.66	130	78	Average
2492	40.48	-13.52	54	35.57	32.3	6.18	33.57	145	251	Average
2492	52.18	-21.82	74	47.27	32.3	6.18	33.57	145	251	Peak
3710	49.29	-24.71	74	41.87	32.89	8.33	33.8	100	0	Peak
5460	56.36	-17.64	74	44.87	34.46	9.94	32.91	161	269	Peak
5460	45.29	-8.71	54	33.8	34.46	9.94	32.91	161	269	Average
5470	59.79	-8.51	68.3	48.29	34.47	9.94	32.91	161	269	Peak
5500	97.53	-	-	85.91	34.5	10.02	32.9	161	269	Average
5500	108.26	-	-	96.69	34.49	9.98	32.9	161	269	Peak
5725	53.55	-14.75	68.3	42.08	34.81	9.92	33.26	161	269	Peak
7484	50.09	-23.91	74	61.53	35.31	10.14	56.89	100	0	Peak
11000	53.79	-20.21	74	58.29	37.9	13.22	55.62	101	172	Peak
11000	41.05	-12.95	54	45.55	37.9	13.22	55.62	101	172	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C52 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 17	Temperature :	19~22°C					
Test Channel :	116	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Remark :	5580 MHz is fundamental signal which can be ignored.							
	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1598	48.89	-25.11	74	49.19	28.66	4.79	33.75	100	0	Peak
5470	64.05	-4.25	68.3	52.55	34.57	9.94	33.01	100	35	Peak
5580	110.93	-	-	99.27	34.67	9.99	33	100	35	Average
5580	121.46	-	-	109.8	34.67	9.99	33	100	35	Peak
5725	63.95	-4.35	68.3	52.39	34.82	9.92	33.18	100	35	Peak

Test Mode :	Mode 17	Temperature :	19~22°C				
Test Channel :	116	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5580 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2486	50.47	-23.53	74	45.91	32.28	6.18	33.9	100	0	Peak
5470	57.83	-10.47	68.3	46.33	34.57	9.94	33.01	197	347	Peak
5580	103.06	-	-	91.4	34.67	9.99	33	197	347	Average
5580	114.08	-	-	102.42	34.67	9.99	33	197	347	Peak
5725	55.6	-12.7	68.3	44.04	34.82	9.92	33.18	197	347	Peak
2486	50.47	-23.53	74	45.91	32.28	6.18	33.9	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C53 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 18	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	S S							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.76	-24.24	74	51.3	27.83	4.31	33.68	100	0	Peak
2486	53.07	-20.93	74	48.17	32.28	6.18	33.56	131	95	Peak
2486	41.49	-12.51	54	36.59	32.28	6.18	33.56	131	95	Average
3694	49.27	-24.73	74	41.93	32.87	8.27	33.8	100	0	Peak
5470	61.82	-6.48	68.3	50.32	34.47	9.94	32.91	126	41	Peak
5700	115.9	-	-	104.42	34.77	9.93	33.22	126	41	Peak
5700	104.93	-	-	93.45	34.77	9.93	33.22	126	41	Average
5725	65.89	-2.41	68.3	54.42	34.81	9.92	33.26	126	41	Peak
7478	48.05	-25.95	74	59.49	35.31	10.14	56.89	100	0	Peak
11400	49.86	-24.14	74	54.18	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C54 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 18	Temperature :	19~22°C					
Test Channel :	140	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5700 MHz is fundamental signal which can be ignored.							
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.6	-23.4	74	52.11	27.84	4.31	33.66	100	0	Peak
2500	52.4	-21.6	74	47.49	32.3	6.18	33.57	100	34	Peak
2500	39.13	-14.87	54	34.22	32.3	6.18	33.57	100	34	Average
3772	49.33	-24.67	74	41.64	32.99	8.5	33.8	100	0	Peak
5470	54.41	-13.89	68.3	42.91	34.47	9.94	32.91	197	2	Peak
5700	107.59	-	-	96.11	34.77	9.93	33.22	197	2	Peak
5700	97.07	-	-	85.59	34.77	9.93	33.22	197	2	Average
5725	58.24	-10.06	68.3	46.77	34.81	9.92	33.26	197	2	Peak
7486	49.5	-24.5	74	60.94	35.3	10.14	56.88	100	0	Peak
11400	50.79	-23.21	74	55.11	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C55 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 19	Temperature :	19~22°C				
Test Channel :	52	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Domosik .	5260 MHz is fundamental signal which can be ignored.						
Remark :	2. 3540 and 10520 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.52	-25.48	74	50.06	27.83	4.31	33.68	100	0	Peak
2492	53.51	-20.49	74	48.6	32.3	6.18	33.57	120	99	Peak
2492	41.46	-12.54	54	36.55	32.3	6.18	33.57	120	99	Average
3540	50.89	-17.41	68.3	44.12	32.65	7.93	33.81	100	0	Peak
5150	52.02	-1.98	54	43.01	34.25	9.41	34.65	150	306	Average
5150	65.28	-8.72	74	56.27	34.25	9.41	34.65	150	306	Peak
5260	115.35	-	-	106.45	34.37	9.62	35.09	150	306	Peak
5260	105.19	-	-	96.29	34.37	9.62	35.09	150	306	Average
5350	50.69	-3.31	54	41.9	34.45	9.74	35.4	150	306	Average
5350	63.66	-10.34	74	54.87	34.45	9.74	35.4	150	306	Peak
7486	47.58	-26.42	74	59.02	35.3	10.14	56.88	100	0	Peak
10520	45.52	-22.78	68.3	53.12	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C56 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 19	Temperature :	19~22°C				
Test Channel :	52	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5260 MHz is fundamental signal which can be ignored.						
Remark :	2. 10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.72	-23.28	74	52.26	27.83	4.31	33.68	100	0	Peak
2492	52.4	-21.6	74	47.49	32.3	6.18	33.57	136	47	Peak
2492	41.54	-12.46	54	36.63	32.3	6.18	33.57	136	47	Average
3694	50.56	-23.44	74	43.22	32.87	8.27	33.8	100	0	Peak
5150	50.04	-3.96	54	41.03	34.25	9.41	34.65	182	270	Average
5150	61.43	-12.57	74	52.42	34.25	9.41	34.65	182	270	Peak
5260	107.67	-	-	98.77	34.37	9.62	35.09	182	270	Peak
5260	97.63	-	-	88.73	34.37	9.62	35.09	182	270	Average
5350	49.33	-4.67	54	40.54	34.45	9.74	35.4	182	270	Average
5350	60.79	-13.21	74	52	34.45	9.74	35.4	182	270	Peak
7494	48.74	-25.26	74	60.17	35.3	10.15	56.88	100	0	Peak
10520	47.12	-21.18	68.3	54.72	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C57 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 20	Temperature :	19~22°C						
Test Channel :	60	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Remark :	300 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.76	-23.24	74	52.27	27.84	4.31	33.66	100	0	Peak
2486	53.86	-20.14	74	48.96	32.28	6.18	33.56	149	253	Peak
2486	41.78	-12.22	54	36.88	32.28	6.18	33.56	149	253	Average
3678	50.97	-23.03	74	43.63	32.87	8.27	33.8	100	0	Peak
5150	52.1	-1.9	54	43.09	34.25	9.41	34.65	137	307	Average
5150	63.49	-10.51	74	54.48	34.25	9.41	34.65	137	307	Peak
5300	113.81	-	-	104.96	34.4	9.66	35.21	137	307	Peak
5300	103.19	-	-	94.34	34.4	9.66	35.21	137	307	Average
5350	50.62	-3.38	54	41.83	34.45	9.74	35.4	137	307	Average
5350	62.12	-11.88	74	53.33	34.45	9.74	35.4	137	307	Peak
7486	47.93	-26.07	74	59.37	35.3	10.14	56.88	100	0	Peak
10600	45.34	-28.66	74	52.45	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C58 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 20	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5300 MHz is fundamental signal which can be ignored.							
Remark :	2. 3598 MHz is not within a rest	3598 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.8	-25.2	74	50.31	27.84	4.31	33.66	100	0	Peak
2494	52.16	-21.84	74	47.25	32.3	6.18	33.57	188	226	Peak
2494	40.38	-13.62	54	35.47	32.3	6.18	33.57	188	226	Average
3598	50.89	-17.41	68.3	43.92	32.74	8.04	33.81	100	0	Peak
5150	49.42	-4.58	54	40.41	34.25	9.41	34.65	166	273	Average
5150	59.97	-14.03	74	50.96	34.25	9.41	34.65	166	273	Peak
5300	105.44	-	-	96.59	34.4	9.66	35.21	166	273	Peak
5300	95.43	-	-	86.58	34.4	9.66	35.21	166	273	Average
5350	48.93	-5.07	54	40.14	34.45	9.74	35.4	166	273	Average
5350	60.45	-13.55	74	51.66	34.45	9.74	35.4	166	273	Peak
7492	48.82	-25.18	74	60.26	35.3	10.14	56.88	100	0	Peak
10600	44.87	-29.13	74	51.98	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C59 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 21	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	1. 5320 MHz is fundamental sig	5320 MHz is fundamental signal which can be ignored.						
Remark :	2. 3588 MHz is not within a rest	3588 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.63	-23.37	74	52.17	27.83	4.31	33.68	100	0	Peak
2492	53.65	-20.35	74	48.74	32.3	6.18	33.57	100	0	Peak
2492	41.23	-12.77	54	36.32	32.3	6.18	33.57	123	21	Average
3588	50.87	-17.43	68.3	43.92	32.72	8.04	33.81	100	0	Peak
5150	51.22	-2.78	54	42.21	34.25	9.41	34.65	135	307	Average
5150	62.53	-11.47	74	53.52	34.25	9.41	34.65	135	307	Peak
5320	114.02	-	-	105.18	34.42	9.7	35.28	135	307	Peak
5320	103.42	-	-	94.58	34.42	9.7	35.28	135	307	Average
5350	52.12	-1.88	54	43.33	34.45	9.74	35.4	135	307	Average
5350	65.01	-8.99	74	56.22	34.45	9.74	35.4	135	307	Peak
7484	47.96	-26.04	74	59.4	35.31	10.14	56.89	100	0	Peak
10640	43.29	-30.71	74	50.12	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C60 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 21	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5320 MHz is fundamental signal which can be ignored.							
Remark :	2. 3548 MHz is not within a rest	3548 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.77	-23.23	74	52.28	27.84	4.31	33.66	100	0	Peak
2492	52.21	-21.79	74	47.3	32.3	6.18	33.57	100	0	Peak
2492	40.42	-13.58	54	35.51	32.3	6.18	33.57	162	249	Average
3548	50.18	-18.12	68.3	43.39	32.67	7.93	33.81	100	0	Peak
5150	49.37	-4.63	54	40.36	34.25	9.41	34.65	179	270	Average
5150	60.14	-13.86	74	51.13	34.25	9.41	34.65	179	270	Peak
5320	105.59	-	-	96.75	34.42	9.7	35.28	179	270	Peak
5320	95.84	-	-	87	34.42	9.7	35.28	179	270	Average
5350	49.49	-4.51	54	40.7	34.45	9.74	35.4	179	270	Average
5350	60.92	-13.08	74	52.13	34.45	9.74	35.4	179	270	Peak
7484	48.98	-25.02	74	60.42	35.31	10.14	56.89	100	0	Peak
10640	42.94	-31.06	74	49.77	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C61 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 22	Temperature :	19~22°C					
Test Channel :	100	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	5500 MHz is fundamental signal which can be ignored.							
Remark :	2. 3532 MHz, 5470 MHz and 572	2. 3532 MHz, 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.19	-24.81	74	50.73	27.83	4.31	33.68	100	0	Peak
2494	54.02	-19.98	74	49.11	32.3	6.18	33.57	136	124	Peak
2494	41.9	-12.1	54	36.99	32.3	6.18	33.57	136	124	Average
3532	50.72	-17.58	68.3	43.95	32.65	7.93	33.81	100	0	Peak
5460	63.92	-10.08	74	52.43	34.46	9.94	32.91	134	319	Peak
5460	48.81	-5.19	54	37.32	34.46	9.94	32.91	134	319	Average
5470	66.89	-1.41	68.3	55.39	34.47	9.94	32.91	134	319	Peak
5500	113.87	-	-	102.3	34.49	9.98	32.9	134	319	Peak
5500	104.09	-	-	92.47	34.5	10.02	32.9	134	319	Average
5725	54.18	-14.12	68.3	42.71	34.81	9.92	33.26	134	319	Peak
7478	48.12	-25.88	74	59.56	35.31	10.14	56.89	100	0	Peak
11000	49.35	-24.65	74	53.85	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C62 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 22	Temperature :	19~22°C					
Test Channel :	100	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5500 MHz is fundamental signal which can be ignored.							
Remark :	2. 5470 MHz and 5725 MHz are	Ç Ç						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.76	-23.24	74	52.3	27.83	4.31	33.68	100	0	Peak
2492	52.35	-21.65	74	47.44	32.3	6.18	33.57	146	269	Peak
2492	40.52	-13.48	54	35.61	32.3	6.18	33.57	146	269	Average
3660	50.56	-23.44	74	43.33	32.82	8.21	33.8	100	0	Peak
5460	56.51	-17.49	74	45.02	34.46	9.94	32.91	163	250	Peak
5460	42.98	-11.02	54	31.49	34.46	9.94	32.91	163	250	Average
5470	54.26	-14.04	68.3	42.76	34.47	9.94	32.91	163	250	Peak
5500	104.67	-	-	93.1	34.49	9.98	32.9	163	250	Peak
5500	94.87	-	-	83.25	34.5	10.02	32.9	163	250	Average
5725	52.69	-15.61	68.3	41.22	34.81	9.92	33.26	163	250	Peak
7486	48.61	-25.39	74	60.05	35.3	10.14	56.88	100	0	Peak
11000	49.62	-24.38	74	54.12	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C63 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 23	Temperature :	19~22°C						
Test Channel :	116	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5580 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	c c							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1596	48.06	-25.94	74	48.36	28.66	4.79	33.75	100	0	Peak
5470	64.51	-3.79	68.3	53.01	34.57	9.94	33.01	121	41	Peak
5580	108.93	-	-	97.27	34.67	9.99	33	121	41	Average
5580	119.32	-	-	107.64	34.69	9.99	33	121	41	Peak
5725	62.6	-5.7	68.3	51.04	34.82	9.92	33.18	121	41	Peak

Test Mode :	Mode 23	Temperature :	19~22°C					
Test Channel :	116	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5580 MHz is fundamental signal which can be ignored.							
	2. 5470 MHz and 5725 MHz are	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.06	-23.94	74	51.98	27.83	4.31	34.06	100	0	Peak
5470	56.47	-11.83	68.3	44.97	34.57	9.94	33.01	104	259	Peak
5580	111.9	-	-	100.22	34.69	9.99	33	104	259	Peak
5580	100.97	-	-	89.31	34.67	9.99	33	104	259	Average
5725	53.67	-14.63	68.3	42.11	34.82	9.92	33.18	104	259	Peak
7490	49.78	-24.22	74	61.22	35.3	10.14	56.88	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C64 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 24	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	g g							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	47.3	-26.7	74	48.81	27.84	4.31	33.66	100	0	Peak
2486	53.68	-20.32	74	48.78	32.28	6.18	33.56	111	30	Peak
2486	41.67	-12.33	54	36.77	32.28	6.18	33.56	111	30	Average
3772	50.68	-23.32	74	42.99	32.99	8.5	33.8	100	0	Peak
5470	61.06	-7.24	68.3	49.56	34.47	9.94	32.91	101	47	Peak
5700	115.33	-	-	103.85	34.77	9.93	33.22	101	47	Peak
5700	105.57	-	-	94.09	34.77	9.93	33.22	101	47	Average
5725	66.72	-1.58	68.3	55.25	34.81	9.92	33.26	101	47	Peak
7486	47.98	-26.02	74	59.42	35.3	10.14	56.88	100	0	Peak
11400	48.69	-25.31	74	53.01	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C65 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 24	Temperature :	19~22°C				
Test Channel :	140	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5700 MHz is fundamental signal which can be ignored.						
Remark :	2. 3578 MHz, 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1324	52.79	-21.21	74	54.33	27.83	4.31	33.68	130	174	Peak
1324	34.34	-19.66	54	35.88	27.83	4.31	33.68	130	174	Average
2500	52.64	-21.36	74	47.73	32.3	6.18	33.57	121	68	Peak
2500	40.45	-13.55	54	35.54	32.3	6.18	33.57	121	68	Average
3578	50.57	-17.73	68.3	43.68	32.72	7.98	33.81	100	0	Peak
5470	54.46	-13.84	68.3	42.96	34.47	9.94	32.91	197	2	Peak
5700	106.52	-	-	95.04	34.77	9.93	33.22	197	2	Peak
5700	96.96	-	-	85.48	34.77	9.93	33.22	197	2	Average
5725	56.01	-12.29	68.3	44.54	34.81	9.92	33.26	197	2	Peak
7492	48.58	-25.42	74	60.02	35.3	10.14	56.88	100	0	Peak
11400	49.79	-24.21	74	54.11	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C66 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 25	Temperature :	19~22°C						
Test Channel :	52	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Remark :	5260 MHz is fundamental signal which can be ignored.								
	2. 10520 MHz is not within a res	· · · · · · · · · · · · · · · · · · ·							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(B411-)	(-ID)//)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	53.48	-20.52	74	55.02	27.83	4.31	33.68	102	90	Peak
1326	44.66	-9.34	54	46.2	27.83	4.31	33.68	102	90	Average
2492	53.04	-20.96	74	48.13	32.3	6.18	33.57	154	210	Peak
2492	42.16	-11.84	54	37.25	32.3	6.18	33.57	154	210	Average
3776	49.23	-24.77	74	41.54	32.99	8.5	33.8	100	0	Peak
5150	62.22	-11.78	74	53.21	34.25	9.41	34.65	110	52	Peak
5150	50.16	-3.84	54	41.15	34.25	9.41	34.65	110	52	Average
5260	115.79	-	-	106.89	34.37	9.62	35.09	110	52	Peak
5260	104.96	-	-	96.06	34.37	9.62	35.09	110	52	Average
5350	62.26	-11.74	74	53.47	34.45	9.74	35.4	110	52	Peak
5350	51	-3	54	42.21	34.45	9.74	35.4	110	52	Average
7486	48.57	-25.43	74	60.01	35.3	10.14	56.88	100	0	Peak
10520	47.84	-20.46	68.3	55.44	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C67 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 25	Temperature :	19~22°C				
Test Channel :	52	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5260 MHz is fundamental signal which can be ignored.						
Remark :	2. 10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.54	-24.46	74	51.08	27.83	4.31	33.68	100	0	Peak
2500	54.38	-19.62	74	49.47	32.3	6.18	33.57	100	166	Peak
2500	41.77	-12.23	54	36.86	32.3	6.18	33.57	100	166	Average
3790	49.16	-24.84	74	41.45	33.01	8.5	33.8	100	0	Peak
5150	60.41	-13.59	74	51.4	34.25	9.41	34.65	152	97	Peak
5150	49.21	-4.79	54	40.2	34.25	9.41	34.65	152	97	Average
5260	107.65	-	-	98.76	34.35	9.57	35.03	152	97	Peak
5260	96.54	-	-	87.64	34.37	9.62	35.09	152	97	Average
5350	60.1	-13.9	74	51.31	34.45	9.74	35.4	152	97	Peak
5350	48.93	-5.07	54	40.14	34.45	9.74	35.4	152	97	Average
7484	50.16	-23.84	74	61.6	35.31	10.14	56.89	100	0	Peak
10520	48.43	-19.87	68.3	56.03	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C68 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 26	Temperature :	19~22°C						
Test Channel :	60	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Remark :	5300 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1324	48.86	-25.14	74	50.4	27.83	4.31	33.68	100	0	Peak
2486	53.12	-20.88	74	48.22	32.28	6.18	33.56	144	257	Peak
2486	41.31	-12.69	54	36.41	32.28	6.18	33.56	144	257	Average
3808	49.77	-24.23	74	41.98	33.03	8.56	33.8	100	0	Peak
5150	52.46	-1.54	54	43.45	34.25	9.41	34.65	111	52	Average
5150	65.09	-8.91	74	56.08	34.25	9.41	34.65	111	52	Peak
5300	104.17	-	-	95.32	34.4	9.66	35.21	111	52	Average
5300	114.82	-	-	105.97	34.4	9.66	35.21	111	52	Peak
5350	64.9	-9.1	74	56.11	34.45	9.74	35.4	111	52	Peak
5350	52.8	-1.2	54	44.01	34.45	9.74	35.4	111	52	Average
7486	49.57	-24.43	74	61.01	35.3	10.14	56.88	100	0	Peak
10600	48.68	-25.32	74	55.79	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C69 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 26	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5300 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.74	-23.26	74	52.28	27.83	4.31	33.68	100	0	Peak
2500	53.33	-20.67	74	48.42	32.3	6.18	33.57	106	234	Peak
2500	42.13	-11.87	54	37.22	32.3	6.18	33.57	106	234	Average
3766	49.86	-24.14	74	42.23	32.99	8.44	33.8	100	0	Peak
5150	48.89	-5.11	54	39.88	34.25	9.41	34.65	160	348	Average
5150	60.43	-13.57	74	51.42	34.25	9.41	34.65	160	348	Peak
5300	107.26	-	-	98.41	34.4	9.66	35.21	160	348	Peak
5300	97.1	-	-	88.25	34.4	9.66	35.21	160	348	Average
5350	61.07	-12.93	74	52.28	34.45	9.74	35.4	160	348	Peak
5350	49.21	-4.79	54	40.42	34.45	9.74	35.4	160	348	Average
7494	49.82	-24.18	74	61.25	35.3	10.15	56.88	100	0	Peak
10600	48.45	-25.55	74	55.56	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C70 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode: Mode 27 Temperature: 19~22°C

Test Channel: 64 Relative Humidity: 58~61%

Test Engineer: Kyle Jhuang / David Yang Polarization: Horizontal

Remark: 5320 MHz is fundamental signal which can be ignored.

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.15	-23.85	74	51.69	27.83	4.31	33.68	100	0	Peak
2500	53.05	-20.95	74	48.14	32.3	6.18	33.57	100	156	Peak
2500	42.31	-11.69	54	37.4	32.3	6.18	33.57	100	156	Average
3758	49.63	-24.37	74	42.03	32.96	8.44	33.8	100	0	Peak
5150	49.27	-4.73	54	40.26	34.25	9.41	34.65	108	51	Average
5150	61.03	-12.97	74	52.02	34.25	9.41	34.65	108	51	Peak
5320	103.13	-	-	94.29	34.42	9.7	35.28	108	51	Average
5320	113.6	-	-	104.76	34.42	9.7	35.28	108	51	Peak
5350	66.96	-7.04	74	58.17	34.45	9.74	35.4	108	51	Peak
5350	51.77	-2.23	54	42.98	34.45	9.74	35.4	108	51	Average
7492	49.58	-24.42	74	61.02	35.3	10.14	56.88	100	0	Peak
10640	48.4	-25.6	74	55.23	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C71 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 27	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5320 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.95	-23.05	74	52.49	27.83	4.31	33.68	100	0	Peak
2494	54.6	-19.4	74	49.69	32.3	6.18	33.57	112	151	Peak
2494	43.25	-10.75	54	38.34	32.3	6.18	33.57	112	151	Average
3758	49.3	-24.7	74	41.7	32.96	8.44	33.8	100	0	Peak
5150	49.14	-4.86	54	40.13	34.25	9.41	34.65	164	97	Average
5150	60.43	-13.57	74	51.42	34.25	9.41	34.65	164	97	Peak
5320	94.44	-	-	85.6	34.42	9.7	35.28	164	97	Average
5320	105.09	-	-	96.25	34.42	9.7	35.28	164	97	Peak
5350	60.5	-13.5	74	51.71	34.45	9.74	35.4	164	97	Peak
5350	49.08	-4.92	54	40.29	34.45	9.74	35.4	164	97	Average
7492	50.42	-23.58	74	61.86	35.3	10.14	56.88	100	0	Peak
10640	48.95	-25.05	74	55.78	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C72 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 28	Temperature :	19~22°C						
Test Channel :	100	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5500 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	2. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.34	-25.66	74	49.88	27.83	4.31	33.68	100	0	Peak
2492	53.64	-20.36	74	48.73	32.3	6.18	33.57	104	267	Peak
2492	40.61	-13.39	54	35.7	32.3	6.18	33.57	104	267	Average
3756	50	-24	74	42.4	32.96	8.44	33.8	100	0	Peak
5460	63.27	-10.73	74	51.78	34.46	9.94	32.91	133	51	Peak
5460	49.13	-4.87	54	37.64	34.46	9.94	32.91	133	51	Average
5470	65.73	-2.57	68.3	54.23	34.47	9.94	32.91	133	51	Peak
5500	104.41	-	-	92.79	34.5	10.02	32.9	133	51	Average
5500	114.33	-	-	102.76	34.49	9.98	32.9	133	51	Peak
5725	57.24	-11.06	68.3	45.77	34.81	9.92	33.26	133	51	Peak
7486	49.04	-24.96	74	60.48	35.3	10.14	56.88	100	0	Peak
11000	50.59	-23.41	74	55.09	37.9	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C73 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 28	Temperature :	19~22°C				
Test Channel :	100	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5500 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1324	50.82	-23.18	74	52.36	27.83	4.31	33.68	100	0	Peak
2494	54.88	-19.12	74	49.97	32.3	6.18	33.57	167	260	Peak
2494	44.36	-9.64	54	39.45	32.3	6.18	33.57	167	260	Average
3760	49.69	-24.31	74	42.09	32.96	8.44	33.8	100	0	Peak
5460	55.72	-18.28	74	44.23	34.46	9.94	32.91	189	345	Peak
5460	41.78	-12.22	54	30.29	34.46	9.94	32.91	189	345	Average
5470	58.55	-9.75	68.3	47.05	34.47	9.94	32.91	189	345	Peak
5500	95.71	-	-	84.09	34.5	10.02	32.9	189	345	Average
5500	105.69	-	-	94.12	34.49	9.98	32.9	189	345	Peak
5725	53.88	-14.42	68.3	42.41	34.81	9.92	33.26	189	345	Peak
7484	50.4	-23.6	74	61.84	35.31	10.14	56.89	100	0	Peak
11000	54.84	-19.16	74	59.34	37.9	13.22	55.62	153	8	Peak
11000	40.5	-13.5	54	45	37.9	13.22	55.62	153	8	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C74 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 29	Temperature :	19~22°C						
Test Channel :	116	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5580 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	47.19	-26.81	74	49.1	27.84	4.31	34.06	100	0	Peak
5470	65.42	-2.88	68.3	53.92	34.57	9.94	33.01	133	306	Peak
5580	109.98	-	-	98.32	34.67	9.99	33	133	306	Average
5580	120.68	-	-	109.02	34.67	9.99	33	133	306	Peak
5725	63.38	-4.92	68.3	51.82	34.82	9.92	33.18	133	306	Peak

Test Mode :	Mode 29	Temperature :	19~22°C				
Test Channel :	116	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5580 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2494	51.75	-22.25	74	47.17	32.3	6.18	33.9	106	141	Peak
2494	35.09	-18.91	54	30.51	32.3	6.18	33.9	106	141	Average
5470	55.11	-13.19	68.3	43.61	34.57	9.94	33.01	138	338	Peak
5580	111.2	-	-	99.54	34.67	9.99	33	138	338	Peak
5580	100.56	-	-	88.9	34.67	9.99	33	138	338	Average
5725	53.5	-14.8	68.3	41.94	34.82	9.92	33.18	138	338	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C75 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 30	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz, 5725 MHz and 17 ⁻	2. 5470 MHz, 5725 MHz and 17100 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	47.38	-26.62	74	48.89	27.84	4.31	33.66	100	0	Peak
2492	53.37	-20.63	74	48.46	32.3	6.18	33.57	127	199	Peak
2492	42.03	-11.97	54	37.12	32.3	6.18	33.57	127	199	Average
3774	49.43	-24.57	74	41.74	32.99	8.5	33.8	100	0	Peak
5470	58.68	-9.62	68.3	47.18	34.47	9.94	32.91	134	310	Peak
5700	113.1	-	-	101.62	34.77	9.93	33.22	134	310	Peak
5700	103.4	-	-	91.92	34.77	9.93	33.22	134	310	Average
5725	64.59	-3.71	68.3	53.12	34.81	9.92	33.26	134	310	Peak
7494	49.44	-24.56	74	60.87	35.3	10.15	56.88	100	0	Peak
11400	50.39	-23.61	74	54.71	38.22	13.16	55.7	100	0	Peak
17100	66.09	-2.21	68.3	63.26	42	14.33	53.5	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C76 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 30	Temperature :	19~22°C				
Test Channel :	140	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domosik .	5700 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz, 5725 MHz and 17100 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.35	-23.65	74	51.89	27.83	4.31	33.68	100	0	Peak
2494	54.23	-19.77	74	49.32	32.3	6.18	33.57	116	67	Peak
2494	42.63	-11.37	54	37.72	32.3	6.18	33.57	116	67	Average
3724	49.63	-24.37	74	42.13	32.91	8.39	33.8	100	0	Peak
5470	54.69	-13.61	68.3	43.19	34.47	9.94	32.91	197	352	Peak
5700	104.49	-	-	93.01	34.77	9.93	33.22	197	352	Peak
5700	94.42	-	-	82.94	34.77	9.93	33.22	197	352	Average
5725	58.5	-9.8	68.3	47.03	34.81	9.92	33.26	197	352	Peak
7462	49.77	-24.23	74	61.21	35.33	10.13	56.9	100	0	Peak
11400	53.01	-20.99	74	57.33	38.22	13.16	55.7	174	358	Peak
11400	39.26	-14.74	54	43.58	38.22	13.16	55.7	174	358	Average
17100	65.22	-3.08	68.3	62.39	42	14.33	53.5	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C77 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 31	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520 MHz is not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1326	52.66	-21.34	74	54.2	27.83	4.31	33.68	104	215	Peak
1326	40.77	-13.23	54	42.31	27.83	4.31	33.68	104	215	Average
2494	54.47	-19.53	74	49.56	32.3	6.18	33.57	100	166	Peak
2494	42.51	-11.49	54	37.6	32.3	6.18	33.57	100	166	Average
3776	49.5	-24.5	74	41.81	32.99	8.5	33.8	100	0	Peak
5150	52.83	-1.17	54	43.82	34.25	9.41	34.65	134	44	Average
5150	65.11	-8.89	74	56.1	34.25	9.41	34.65	134	44	Peak
5260	104.93	_	-	96.03	34.37	9.62	35.09	134	44	Average
5260	117.22	_	-	108.32	34.37	9.62	35.09	134	44	Peak
5350	63.57	-10.43	74	54.78	34.45	9.74	35.4	134	44	Peak
5350	50.96	-3.04	54	42.17	34.45	9.74	35.4	134	44	Average
7492	48.77	-25.23	74	60.21	35.3	10.14	56.88	100	0	Peak
10520	47.92	-20.38	68.3	55.52	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C78 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 31	Temperature :	19~22°C					
Test Channel :	52	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5260 MHz is fundamental signal which can be ignored.							
Remark :	2. 10520 MHz is not within a res	2. 10520 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	48.57	-25.43	74	50.11	27.83	4.31	33.68	100	0	Peak
2494	52.85	-21.15	74	47.94	32.3	6.18	33.57	108	222	Peak
2494	42.09	-11.91	54	37.18	32.3	6.18	33.57	108	222	Average
3736	49.4	-24.6	74	41.87	32.94	8.39	33.8	100	0	Peak
5150	49.79	-4.21	54	40.78	34.25	9.41	34.65	166	269	Average
5150	61.54	-12.46	74	52.53	34.25	9.41	34.65	166	269	Peak
5260	97.26	-	-	88.36	34.37	9.62	35.09	166	269	Average
5260	108.1	-	-	99.2	34.37	9.62	35.09	166	269	Peak
5350	60.26	-13.74	74	51.47	34.45	9.74	35.4	166	269	Peak
5350	49.16	-4.84	54	40.37	34.45	9.74	35.4	166	269	Average
7484	50.35	-23.65	74	61.79	35.31	10.14	56.89	100	0	Peak
10520	48.74	-19.56	68.3	56.34	37.61	11.21	56.42	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C79 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 32	Temperature :	19~22°C						
Test Channel :	60	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Cyle Jhuang / David Yang Polarization : Horizontal							
Remark :	5300 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1350	47.72	-26.28	74	49.15	27.84	4.36	33.63	100	0	Peak
2492	53.44	-20.56	74	48.53	32.3	6.18	33.57	144	207	Peak
2492	41.53	-12.47	54	36.62	32.3	6.18	33.57	144	207	Average
3700	49.61	-24.39	74	42.25	32.89	8.27	33.8	100	0	Peak
5150	52.21	-1.79	54	43.2	34.25	9.41	34.65	107	54	Average
5150	63.89	-10.11	74	54.88	34.25	9.41	34.65	107	54	Peak
5300	104.84	-	-	95.99	34.4	9.66	35.21	107	54	Average
5300	118.59	-	-	109.74	34.4	9.66	35.21	107	54	Peak
5350	64.21	-9.79	74	55.42	34.45	9.74	35.4	107	54	Peak
5350	52.84	-1.16	54	44.05	34.45	9.74	35.4	107	54	Average
7492	47.99	-26.01	74	59.43	35.3	10.14	56.88	100	0	Peak
10600	48.55	-25.45	74	55.66	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C80 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 32	Temperature :	19~22°C					
Test Channel :	60	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5300 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.6	-25.4	74	50.11	27.84	4.31	33.66	100	0	Peak
2494	52.09	-21.91	74	47.18	32.3	6.18	33.57	100	23	Peak
2494	41.3	-12.7	54	36.39	32.3	6.18	33.57	100	23	Average
3762	49.53	-24.47	74	41.93	32.96	8.44	33.8	100	0	Peak
5150	49.76	-4.24	54	40.75	34.25	9.41	34.65	181	272	Average
5150	60.94	-13.06	74	51.93	34.25	9.41	34.65	181	272	Peak
5300	96.6	-	-	87.75	34.4	9.66	35.21	181	272	Average
5300	106.84	-	-	97.99	34.4	9.66	35.21	181	272	Peak
5350	60.28	-13.72	74	51.49	34.45	9.74	35.4	181	272	Peak
5350	49.25	-4.75	54	40.46	34.45	9.74	35.4	181	272	Average
7492	49.73	-24.27	74	61.17	35.3	10.14	56.88	100	0	Peak
10600	48.06	-25.94	74	55.17	37.66	11.51	56.28	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C81 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 33	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	le Jhuang / David Yang Polarization :						
Remark :	5320 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	52.88	-21.12	74	54.42	27.83	4.31	33.68	116	219	Peak
1326	42.77	-11.23	54	44.31	27.83	4.31	33.68	116	219	Average
2494	53.34	-20.66	74	48.43	32.3	6.18	33.57	104	106	Peak
2494	42.51	-11.49	54	37.6	32.3	6.18	33.57	104	106	Average
3746	49.32	-24.68	74	41.77	32.96	8.39	33.8	100	0	Peak
5150	52.3	-1.7	54	43.29	34.25	9.41	34.65	107	55	Average
5150	64.54	-9.46	74	55.53	34.25	9.41	34.65	107	55	Peak
5320	103.99	-	-	95.15	34.42	9.7	35.28	107	55	Average
5320	116.66	-	-	107.82	34.42	9.7	35.28	107	55	Peak
5350	65.22	-8.78	74	56.43	34.45	9.74	35.4	107	55	Peak
5350	52.96	-1.04	54	44.17	34.45	9.74	35.4	107	55	Average
7468	48.4	-25.6	74	59.83	35.33	10.14	56.9	100	0	Peak
10640	48.32	-25.68	74	55.15	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C82 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 33	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	e Jhuang / David Yang Polarization :						
Remark :	5320 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.78	-25.22	74	50.29	27.84	4.31	33.66	100	0	Peak
2500	52.58	-21.42	74	47.67	32.3	6.18	33.57	100	227	Peak
2500	41.09	-12.91	54	36.18	32.3	6.18	33.57	100	227	Average
3744	49.5	-24.5	74	41.97	32.94	8.39	33.8	100	0	Peak
5150	49.49	-4.51	54	40.48	34.25	9.41	34.65	165	277	Average
5150	61.21	-12.79	74	52.2	34.25	9.41	34.65	165	277	Peak
5320	95.12	-	-	86.28	34.42	9.7	35.28	165	277	Average
5320	106	-	-	97.16	34.42	9.7	35.28	165	277	Peak
5350	61.4	-12.6	74	52.61	34.45	9.74	35.4	165	277	Peak
5350	49.31	-4.69	54	40.52	34.45	9.74	35.4	165	277	Average
7492	49.73	-24.27	74	61.17	35.3	10.14	56.88	100	0	Peak
10640	48.09	-25.91	74	54.92	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C83 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 34	Temperature :	19~22°C						
Test Channel :	100	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domonic .	5500 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1326	49.98	-24.02	74	51.52	27.83	4.31	33.68	100	0	Peak
2492	52.63	-21.37	74	47.72	32.3	6.18	33.57	100	46	Peak
2494	42.51	-11.49	54	37.6	32.3	6.18	33.57	100	46	Average
3648	49.89	-24.11	74	42.71	32.82	8.16	33.8	100	0	Peak
5460	66.12	-7.88	74	54.63	34.46	9.94	32.91	128	50	Peak
5460	48.61	-5.39	54	37.12	34.46	9.94	32.91	128	50	Average
5470	67.15	-1.15	68.3	55.65	34.47	9.94	32.91	128	50	Peak
5500	115.55	-	-	103.93	34.5	10.02	32.9	128	50	Peak
5500	104.52	-	-	92.9	34.5	10.02	32.9	128	50	Average
5725	59.77	-8.53	68.3	48.3	34.81	9.92	33.26	128	50	Peak
7494	48	-26	74	59.43	35.3	10.15	56.88	100	0	Peak
11000	51.11	-22.89	74	55.61	37.9	13.22	55.62	134	228	Peak
11000	36.78	-17.22	54	41.28	37.9	13.22	55.62	134	228	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C84 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 34	Temperature :	19~22°C				
Test Channel :	100	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5500 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
1324	50.11	-23.89	74	51.65	27.83	4.31	33.68	100	1 (deg) 0	Peak
2486	52.66	-21.34	74	47.76	32.28	6.18	33.56	108	197	Peak
2486	41.57	-12.43	54	36.67	32.28	6.18	33.56	108	197	Average
3868	49.24	-24.76	74	41.17	33.13	8.73	33.79	100	0	Peak
5460	56.49	-17.51	74	45	34.46	9.94	32.91	159	263	Peak
5460	42.64	-11.36	54	31.15	34.46	9.94	32.91	159	263	Average
5470	59.5	-8.8	68.3	48	34.47	9.94	32.91	159	263	Peak
5500	95.8	-	-	84.18	34.5	10.02	32.9	159	263	Average
5500	107.01	-	-	95.44	34.49	9.98	32.9	159	263	Peak
5725	53.23	-15.07	68.3	41.76	34.81	9.92	33.26	159	263	Peak
7494	49.79	-24.21	74	61.22	35.3	10.15	56.88	100	0	Peak
11000	52.24	-21.76	74	56.84	37.9	13.12	55.62	100	268	Peak
11000	38.71	-15.29	54	43.21	37.9	13.22	55.62	100	268	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C85 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 35	Temperature :	19~22°C						
Test Channel :	116	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5580 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1596	49.11	-24.89	74	49.41	28.66	4.79	33.75	100	0	Peak
5470	64.06	-4.24	68.3	52.56	34.57	9.94	33.01	100	40	Peak
5580	109.42	-	-	97.76	34.67	9.99	33	100	40	Average
5580	120.56	-	-	108.9	34.67	9.99	33	100	40	Peak
5725	64.66	-3.64	68.3	53.1	34.82	9.92	33.18	100	40	Peak

Test Mode :	Mode 35	Temperature :	19~22°C				
Test Channel :	116	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5580 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1516	48.56	-25.44	74	49.62	28.03	4.68	33.77	100	0	Peak
5470	57.48	-10.82	68.3	45.98	34.57	9.94	33.01	197	346	Peak
5580	113.64	-	-	101.98	34.67	9.99	33	197	346	Peak
5580	101.17	-	-	89.51	34.67	9.99	33	197	346	Average
5725	54.41	-13.89	68.3	42.85	34.82	9.92	33.18	197	346	Peak
7470	48.04	-25.96	74	59.48	35.31	10.14	56.89	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C86 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 36	Temperature :	19~22°C						
Test Channel :	140	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5700 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	S S							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	51.32	-22.68	74	52.86	27.83	4.31	33.68	142	156	Peak
1326	41.11	-12.89	54	42.65	27.83	4.31	33.68	142	156	Average
2492	53.03	-20.97	74	48.12	32.3	6.18	33.57	106	162	Peak
2492	42.7	-11.3	54	37.79	32.3	6.18	33.57	106	162	Average
3790	49.84	-24.16	74	42.13	33.01	8.5	33.8	100	0	Peak
5470	61.29	-7.01	68.3	49.79	34.47	9.94	32.91	102	43	Peak
5700	114.79	-	-	103.31	34.77	9.93	33.22	102	43	Peak
5700	106.75	-	-	95.27	34.77	9.93	33.22	102	43	Average
5725	66.56	-1.74	68.3	55.09	34.81	9.92	33.26	102	43	Peak
7484	48.51	-25.49	74	59.95	35.31	10.14	56.89	100	0	Peak
11400	50.47	-23.53	74	54.79	38.22	13.16	55.7	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C87 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 36	Temperature :	19~22°C				
Test Channel :	140	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domosik .	5700 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	49.84	-24.16	74	51.35	27.84	4.31	33.66	100	0	Peak
2494	53.17	-20.83	74	48.26	32.3	6.18	33.57	127	164	Peak
2494	43.06	-10.94	54	38.15	32.3	6.18	33.57	127	164	Average
3780	49.86	-24.14	74	42.15	33.01	8.5	33.8	100	0	Peak
5470	54.95	-13.35	68.3	43.45	34.47	9.94	32.91	150	352	Peak
5700	106.13	-	-	94.63	34.79	9.93	33.22	150	352	Peak
5700	96.19	-	-	84.71	34.77	9.93	33.22	150	352	Average
5725	57.75	-10.55	68.3	46.28	34.81	9.92	33.26	150	352	Peak
7494	49.11	-24.89	74	60.54	35.3	10.15	56.88	100	0	Peak
11400	51.25	-22.75	74	55.57	38.22	13.16	55.7	136	26	Peak
11400	39.41	-14.59	54	43.73	38.22	13.16	55.7	136	26	Average

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C88 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 37	Temperature :	19~22°C					
Test Channel :	54	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal					
Domosik .	5270 MHz is fundamental signal which can be ignored.							
Remark :	2. 10540 MHz is not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	49.65	-24.35	74	51.16	27.84	4.31	33.66	100	0	Peak
2492	53.86	-20.14	74	48.95	32.3	6.18	33.57	106	312	Peak
2492	41.22	-12.78	54	36.31	32.3	6.18	33.57	106	312	Average
3746	49.29	-24.71	74	41.74	32.96	8.39	33.8	100	0	Peak
5150	64.19	-9.81	74	55.18	34.25	9.41	34.65	151	307	Peak
5150	52.59	-1.41	54	43.58	34.25	9.41	34.65	151	307	Average
5270	113.77	-	-	104.87	34.37	9.62	35.09	151	307	Peak
5270	102.82	-	-	93.92	34.37	9.62	35.09	151	307	Average
5350	63.38	-10.62	74	54.59	34.45	9.74	35.4	151	307	Peak
5350	51.23	-2.77	54	42.44	34.45	9.74	35.4	151	307	Average
7468	48.22	-25.78	74	59.65	35.33	10.14	56.9	100	0	Peak
10540	45.4	-22.9	68.3	52.86	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C89 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 37	Temperature :	19~22°C				
Test Channel :	54	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5270 MHz is fundamental signal which can be ignored.						
	2. 10540 MHz is not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1328	50.55	-23.45	74	52.09	27.83	4.31	33.68	100	0	Peak
2494	52.4	-21.6	74	47.49	32.3	6.18	33.57	156	271	Peak
2494	40.03	-13.97	54	35.12	32.3	6.18	33.57	156	271	Average
3830	49.47	-24.53	74	41.59	33.06	8.62	33.8	100	0	Peak
5150	61.2	-12.8	74	52.19	34.25	9.41	34.65	167	273	Peak
5150	49.76	-4.24	54	40.75	34.25	9.41	34.65	167	273	Average
5270	106.29	-	-	97.39	34.37	9.62	35.09	167	273	Peak
5270	95.82	-	-	86.92	34.37	9.62	35.09	167	273	Average
5350	60.98	-13.02	74	52.19	34.45	9.74	35.4	167	273	Peak
5350	49.01	-4.99	54	40.22	34.45	9.74	35.4	167	273	Average
7484	49.77	-24.23	74	61.21	35.31	10.14	56.89	100	0	Peak
10540	45.5	-22.8	68.3	52.96	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C90 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 38	Temperature :	19~22°C						
Test Channel :	62	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	yle Jhuang / David Yang Polarization :							
Remark :	5310 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	52.95	-21.05	74	54.49	27.83	4.31	33.68	131	74	Peak
1326	33.95	-20.05	54	35.49	27.83	4.31	33.68	131	74	Average
2494	41.62	-12.38	54	36.71	32.3	6.18	33.57	114	129	Average
2494	53.92	-20.08	74	49.01	32.3	6.18	33.57	114	129	Peak
3900	49.43	-24.57	74	41.25	33.18	8.79	33.79	100	0	Peak
5150	50.66	-3.34	54	41.65	34.25	9.41	34.65	136	309	Average
5150	61.83	-12.17	74	52.82	34.25	9.41	34.65	136	309	Peak
5310	97.86	-	-	89.02	34.42	9.7	35.28	136	309	Average
5310	108.23	-	-	99.38	34.4	9.66	35.21	136	309	Peak
5350	66.22	-7.78	74	57.43	34.45	9.74	35.4	136	309	Peak
5350	52.38	-1.62	54	43.59	34.45	9.74	35.4	136	309	Average
7478	48.11	-25.89	74	59.55	35.31	10.14	56.89	100	0	Peak
10620	43.83	-30.17	74	50.8	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C91 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 38	Temperature :	19~22°C							
Test Channel :	62	Relative Humidity :	58~61%							
Test Engineer :	Kyle Jhuang / David Yang	Cyle Jhuang / David Yang Polarization : Vertical								
Remark :	5310 MHz is fundamental signal which can be ignored.									

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.1	-23.9	74	51.64	27.83	4.31	33.68	100	0	Peak
2492	52.5	-21.5	74	47.59	32.3	6.18	33.57	145	191	Peak
2492	40.16	-13.84	54	35.25	32.3	6.18	33.57	145	191	Average
3848	49.7	-24.3	74	41.72	33.11	8.67	33.8	100	0	Peak
5150	48.96	-5.04	54	39.95	34.25	9.41	34.65	125	276	Average
5150	60.17	-13.83	74	51.16	34.25	9.41	34.65	125	276	Peak
5310	89.1	-	-	80.26	34.42	9.7	35.28	125	276	Average
5310	100.33	-	-	91.48	34.4	9.66	35.21	125	276	Peak
5350	60.46	-13.54	74	51.67	34.45	9.74	35.4	125	276	Peak
5350	49.26	-4.74	54	40.47	34.45	9.74	35.4	125	276	Average
7486	49.54	-24.46	74	60.98	35.3	10.14	56.88	100	0	Peak
10620	44.74	-29.26	74	51.71	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C92 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 39	Temperature :	19~22°C						
Test Channel :	102	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domonic .	5510 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470MHz and 5725 MHz are i	. 5470MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.69	-24.31	74	51.23	27.83	4.31	33.68	100	0	Peak
2492	53.82	-20.18	74	48.91	32.3	6.18	33.57	104	300	Peak
2492	41.79	-12.21	54	36.88	32.3	6.18	33.57	104	300	Average
3758	48.88	-25.12	74	41.28	32.96	8.44	33.8	100	0	Peak
5470	67.15	-1.15	68.3	55.65	34.47	9.94	32.91	140	52	Peak
5510	96.81	-	-	85.19	34.5	10.02	32.9	140	52	Average
5510	106.54	-	-	94.92	34.5	10.02	32.9	140	52	Peak
5725	55.76	-12.54	68.3	44.29	34.81	9.92	33.26	140	52	Peak
7478	47.91	-26.09	74	59.35	35.31	10.14	56.89	100	0	Peak
11020	50.17	-23.83	74	54.66	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C93 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 39	Temperature :	19~22°C				
Test Channel :	102	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domosile .	5510 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.31	-23.69	74	51.85	27.83	4.31	33.68	100	0	Peak
2494	52.19	-21.81	74	47.28	32.3	6.18	33.57	156	211	Peak
2494	40.36	-13.64	54	35.45	32.3	6.18	33.57	156	211	Average
3782	49.04	-24.96	74	41.33	33.01	8.5	33.8	100	0	Peak
5470	61.23	-7.07	68.3	49.73	34.47	9.94	32.91	159	264	Peak
5510	99.99	-	-	88.35	34.52	10.02	32.9	159	264	Peak
5510	90.22	-	-	78.6	34.5	10.02	32.9	159	264	Average
5725	53.14	-15.16	68.3	41.67	34.81	9.92	33.26	159	264	Peak
7486	49.74	-24.26	74	61.18	35.3	10.14	56.88	100	0	Peak
11020	50.66	-23.34	74	55.15	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C94 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 40	Temperature :	19~22°C						
Test Channel :	110	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5550 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2492	48.4	-25.6	74	68.41	32.2	6.18	58.39	100	0	Peak
5470	62.82	-5.48	68.3	51.32	34.47	9.94	32.91	148	52	Peak
5550	102.59	-	-	90.97	34.55	10.01	32.94	148	52	Peak
5550	92.69	-	-	81.1	34.57	10	32.98	148	52	Average
5725	52.84	-15.46	68.3	41.37	34.81	9.92	33.26	148	52	Peak
7478	47.16	-26.84	74	59.52	35.7	10.14	58.2	100	0	Peak

Test Mode :	Mode 40	Temperature :	19~22°C				
Test Channel :	110	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5550 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
2500	47.21	-26.79	74	67.22	32.2	6.18	58.39	100	0 0	Peak
				-	-					
5470	52.59	-15.71	68.3	41.09	34.47	9.94	32.91	100	172	Peak
5550	94.77	-	-	83.15	34.55	10.01	32.94	100	172	Peak
5550	84.87	-	-	73.28	34.57	10	32.98	100	172	Average
5725	52.1	-16.2	68.3	40.63	34.81	9.92	33.26	100	172	Peak
7492	49.07	-24.93	74	61.44	35.7	10.14	58.21	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C95 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 41	Temperature :	19~22°C						
Test Channel :	134	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5670 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	•							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.59	-24.41	74	51.13	27.83	4.31	33.68	100	0	Peak
2492	54.21	-19.79	74	49.3	32.3	6.18	33.57	125	128	Peak
2492	41.62	-12.38	54	36.71	32.3	6.18	33.57	125	128	Average
3758	48.67	-25.33	74	41.07	32.96	8.44	33.8	100	0	Peak
5470	59.76	-8.54	68.3	48.26	34.47	9.94	32.91	127	48	Peak
5670	113.3	-	-	101.8	34.74	9.94	33.18	127	48	Peak
5670	103.83	-	-	92.33	34.74	9.94	33.18	127	48	Average
5725	66.68	-1.62	68.3	55.21	34.81	9.92	33.26	127	48	Peak
7486	47.69	-26.31	74	59.13	35.3	10.14	56.88	100	0	Peak
11340	50.05	-23.95	74	54.4	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C96 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 41	Temperature :	19~22°C				
Test Channel :	134	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domosik .	5670 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1324	46.2	-27.8	74	47.74	27.83	4.31	33.68	100	0	Peak
2492	52.25	-21.75	74	47.34	32.3	6.18	33.57	164	289	Peak
2492	40.32	-13.68	54	35.41	32.3	6.18	33.57	164	289	Average
3738	49.33	-24.67	74	41.8	32.94	8.39	33.8	100	0	Peak
5470	55.79	-12.51	68.3	44.29	34.47	9.94	32.91	169	260	Peak
5670	105.23	-	-	93.68	34.74	9.95	33.14	169	260	Peak
5670	95.58	-	-	84.08	34.74	9.94	33.18	169	260	Average
5725	59.41	-8.89	68.3	47.94	34.81	9.92	33.26	169	260	Peak
7468	49.8	-24.2	74	61.23	35.33	10.14	56.9	100	0	Peak
11340	49.48	-24.52	74	53.83	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C97 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 42	Temperature :	19~22°C						
Test Channel :	54	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5270 MHz is fundamental signal which can be ignored.								
Remark :	2. 10540 MHz is not within a res	•							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.03	-24.97	74	50.57	27.83	4.31	33.68	100	0	Peak
2494	53.58	-20.42	74	48.67	32.3	6.18	33.57	114	245	Peak
2494	41.5	-12.5	54	36.59	32.3	6.18	33.57	114	245	Average
3736	49.39	-24.61	74	41.86	32.94	8.39	33.8	100	0	Peak
5150	64.74	-9.26	74	55.73	34.25	9.41	34.65	151	58	Peak
5150	52.62	-1.38	54	43.61	34.25	9.41	34.65	151	58	Average
5270	113.4	-	-	104.5	34.37	9.62	35.09	151	58	Peak
5270	102.5	-	-	93.6	34.37	9.62	35.09	151	58	Average
5350	64.01	-9.99	74	55.22	34.45	9.74	35.4	151	58	Peak
5350	51.71	-2.29	54	42.92	34.45	9.74	35.4	151	58	Average
7492	48.14	-25.86	74	59.58	35.3	10.14	56.88	100	0	Peak
10540	46.12	-22.18	68.3	53.58	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C98 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 42	Temperature :	19~22°C					
Test Channel :	54	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domosik .	5270 MHz is fundamental signal which can be ignored.							
Remark :	2. 10540 MHz is not within a res							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.55	-24.45	74	51.09	27.83	4.31	33.68	100	0	Peak
2494	54.65	-19.35	74	49.74	32.3	6.18	33.57	139	312	Peak
2494	41.79	-12.21	54	36.88	32.3	6.18	33.57	139	312	Average
3716	49.81	-24.19	74	42.37	32.91	8.33	33.8	100	0	Peak
5150	60.72	-13.28	74	51.71	34.25	9.41	34.65	152	105	Peak
5150	49.51	-4.49	54	40.5	34.25	9.41	34.65	152	105	Average
5270	105.12	-	-	96.23	34.35	9.57	35.03	152	105	Peak
5270	94.17	-	-	85.27	34.37	9.62	35.09	152	105	Average
5350	60.15	-13.85	74	51.36	34.45	9.74	35.4	152	105	Peak
5350	49.13	-4.87	54	40.34	34.45	9.74	35.4	152	105	Average
7470	50.1	-23.9	74	61.54	35.31	10.14	56.89	100	0	Peak
10540	46.6	-21.7	68.3	54.06	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C99 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 43	Temperature :	19~22°C					
Test Channel :	62	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Syle Jhuang / David Yang Polarization : He						
Remark :	5310 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	47.01	-26.99	74	48.55	27.83	4.31	33.68	100	0	Peak
2500	52.56	-21.44	74	47.65	32.3	6.18	33.57	115	69	Peak
2500	41.19	-12.81	54	36.28	32.3	6.18	33.57	115	69	Average
3710	49.13	-24.87	74	41.71	32.89	8.33	33.8	100	0	Peak
5150	49.18	-4.82	54	40.17	34.25	9.41	34.65	110	52	Average
5150	61.39	-12.61	74	52.38	34.25	9.41	34.65	110	52	Peak
5310	95.72	-	-	86.88	34.42	9.7	35.28	110	52	Average
5310	106.09	-	-	97.24	34.4	9.66	35.21	110	52	Peak
5350	52.1	-1.9	54	43.31	34.45	9.74	35.4	110	52	Average
5350	65.71	-8.29	74	56.92	34.45	9.74	35.4	110	52	Peak
7486	48.26	-25.74	74	59.7	35.3	10.14	56.88	100	0	Peak
10620	44.05	-29.95	74	51.02	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C100 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 43	Temperature :	19~22°C					
Test Channel :	62	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	yle Jhuang / David Yang Polarization :						
Remark :	5310 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	49.46	-24.54	74	50.97	27.84	4.31	33.66	100	0	Peak
2492	54.4	-19.6	74	49.49	32.3	6.18	33.57	155	174	Peak
2492	41.87	-12.13	54	36.96	32.3	6.18	33.57	155	174	Average
3768	49.24	-24.76	74	41.61	32.99	8.44	33.8	100	0	Peak
5150	48.98	-5.02	54	39.97	34.25	9.41	34.65	197	29	Average
5150	60.12	-13.88	74	51.11	34.25	9.41	34.65	197	29	Peak
5310	86.36	-	-	77.52	34.42	9.7	35.28	197	29	Average
5310	96.72	-	-	87.88	34.42	9.7	35.28	197	29	Peak
5350	59.98	-14.02	74	51.19	34.45	9.74	35.4	197	29	Peak
5350	49.17	-4.83	54	40.38	34.45	9.74	35.4	197	29	Average
7484	49.99	-24.01	74	61.43	35.31	10.14	56.89	100	0	Peak
10620	44.3	-29.7	74	51.27	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C101 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 44	Temperature :	19~22°C						
Test Channel :	102	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5510 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.73	-25.27	74	50.24	27.84	4.31	33.66	100	0	Peak
2494	52.77	-21.23	74	47.86	32.3	6.18	33.57	128	252	Peak
2494	40.72	-13.28	54	35.81	32.3	6.18	33.57	128	252	Average
3710	49.01	-24.99	74	41.59	32.89	8.33	33.8	100	0	Peak
5470	67.18	-1.12	68.3	55.68	34.47	9.94	32.91	102	307	Peak
5510	106.98	-	-	95.34	34.52	10.02	32.9	102	307	Peak
5510	97.36	-	-	85.74	34.5	10.02	32.9	102	307	Average
5725	55.54	-12.76	68.3	44.07	34.81	9.92	33.26	102	307	Peak
7494	48.23	-25.77	74	59.66	35.3	10.15	56.88	100	0	Peak
11020	50.65	-23.35	74	55.14	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C102 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 44	Temperature :	19~22°C				
Test Channel :	102	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Domosik .	5510 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	50.07	-23.93	74	51.58	27.84	4.31	33.66	100	0	Peak
2500	54.57	-19.43	74	49.66	32.3	6.18	33.57	157	114	Peak
2500	42.27	-11.73	54	37.36	32.3	6.18	33.57	157	114	Average
3790	50.21	-23.79	74	42.5	33.01	8.5	33.8	100	0	Peak
5470	55.78	-12.52	68.3	44.28	34.47	9.94	32.91	175	9	Peak
5510	96.04	-	-	84.42	34.5	10.02	32.9	175	9	Peak
5510	86.53	-	-	74.91	34.5	10.02	32.9	175	9	Average
5725	53.45	-14.85	68.3	41.98	34.81	9.92	33.26	175	9	Peak
7500	49.71	-24.29	74	61.14	35.3	10.15	56.88	100	0	Peak
11020	50.98	-23.02	74	55.47	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C103 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 45	Temperature :	19~22°C						
Test Channel :	110	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5550 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2500	48.71	-25.29	74	68.72	32.2	6.18	58.39	100	0	Peak
5470	66.79	-1.51	68.3	55.29	34.47	9.94	32.91	134	323	Peak
5550	116.28	-	-	104.69	34.57	10	32.98	134	323	Peak
5550	105.99	-	-	94.4	34.57	10	32.98	134	323	Average
5725	60.35	-7.95	68.3	48.88	34.81	9.92	33.26	134	323	Peak
7494	46.8	-27.2	74	59.16	35.7	10.15	58.21	100	0	Peak

Test Mode :	Mode 45	Temperature :	19~22°C				
Test Channel :	110	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5550 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1572	48.93	-25.07	74	74.45	28.33	4.75	58.6	100	0	Peak
2500	47.67	-26.33	74	67.68	32.2	6.18	58.39	100	0	Peak
5470	60.55	-7.75	68.3	49.05	34.47	9.94	32.91	101	264	Peak
5550	108.04	-	-	96.42	34.55	10.01	32.94	101	264	Peak
5550	98.36	-	-	86.77	34.57	10	32.98	101	264	Average
5725	53.73	-14.57	68.3	42.26	34.81	9.92	33.26	101	264	Peak
7476	48.67	-25.33	74	61.03	35.7	10.14	58.2	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C104 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 46	Temperature :	19~22°C						
Test Channel :	134	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domests .	5670 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	Ç Ç							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.1	-23.9	74	51.64	27.83	4.31	33.68	100	0	Peak
2486	53.29	-20.71	74	48.39	32.28	6.18	33.56	106	341	Peak
2486	41.34	-12.66	54	36.44	32.28	6.18	33.56	106	341	Average
3708	49.58	-24.42	74	42.16	32.89	8.33	33.8	100	0	Peak
5470	59.33	-8.97	68.3	47.83	34.47	9.94	32.91	137	315	Peak
5670	111.28	-	-	99.75	34.72	9.95	33.14	137	315	Peak
5670	102.05	-	-	90.55	34.74	9.94	33.18	137	315	Average
5725	66.96	-1.34	68.3	55.49	34.81	9.92	33.26	137	315	Peak
7478	47.67	-26.33	74	59.11	35.31	10.14	56.89	100	0	Peak
11340	48.65	-25.35	74	53	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C105 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 46	Temperature :	19~22°C						
Test Channel :	134	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical						
Domosik .	5670 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	S S							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	51.31	-22.69	74	52.85	27.83	4.31	33.68	119	146	Peak
1326	33.22	-20.78	54	34.76	27.83	4.31	33.68	119	146	Average
2500	41.82	-12.18	54	36.91	32.3	6.18	33.57	135	237	Average
2500	54.02	-19.98	74	49.11	32.3	6.18	33.57	135	237	Peak
3796	49.15	-24.85	74	41.44	33.01	8.5	33.8	100	0	Peak
5470	52.22	-16.08	68.3	40.72	34.47	9.94	32.91	100	336	Peak
5670	99.5	-	-	87.97	34.72	9.95	33.14	100	336	Peak
5670	90.17	-	-	78.67	34.74	9.94	33.18	100	336	Average
5725	58.24	-10.06	68.3	46.77	34.81	9.92	33.26	100	336	Peak
7494	49.62	-24.38	74	61.05	35.3	10.15	56.88	100	0	Peak
11340	49.6	-24.4	74	53.95	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C106 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 47	Temperature :	19~22°C						
Test Channel :	54	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5270 MHz is fundamental signal which can be ignored.								
Remark :	2. 10540 MHz is not within a res	. 10540 MHz is not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.26	-23.74	74	51.8	27.83	4.31	33.68	100	0	Peak
2486	52.65	-21.35	74	47.75	32.28	6.18	33.56	173	246	Peak
2486	41.39	-12.61	54	36.49	32.28	6.18	33.56	173	246	Average
3822	49.56	-24.44	74	41.68	33.06	8.62	33.8	100	0	Peak
5150	51.75	-2.25	54	42.74	34.25	9.41	34.65	150	301	Average
5150	62.93	-11.07	74	53.92	34.25	9.41	34.65	150	301	Peak
5270	113.79	-	-	104.89	34.37	9.62	35.09	150	301	Peak
5270	101.33	-	-	92.43	34.37	9.62	35.09	150	301	Average
5350	51.57	-2.43	54	42.78	34.45	9.74	35.4	150	301	Average
5350	63.05	-10.95	74	54.26	34.45	9.74	35.4	150	301	Peak
7486	48.44	-25.56	74	59.88	35.3	10.14	56.88	100	0	Peak
10540	48.23	-20.07	68.3	55.69	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C107 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 47	Temperature :	19~22°C						
Test Channel :	54	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical						
Domosik .	5270 MHz is fundamental signal which can be ignored.								
Remark :	2. 10540 MHz is not within a res	Ç Ç							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.7	-23.3	74	52.24	27.83	4.31	33.68	100	0	Peak
2492	51.74	-22.26	74	46.83	32.3	6.18	33.57	138	69	Peak
2492	42.88	-11.12	54	37.97	32.3	6.18	33.57	138	69	Average
3888	50.18	-23.82	74	42.08	33.16	8.73	33.79	100	0	Peak
5150	49.49	-4.51	54	40.48	34.25	9.41	34.65	164	340	Average
5150	61.14	-12.86	74	52.13	34.25	9.41	34.65	164	340	Peak
5270	105.57	-	-	96.67	34.37	9.62	35.09	164	340	Peak
5270	92.89	-	-	83.99	34.37	9.62	35.09	164	340	Average
5350	49.01	-4.99	54	40.22	34.45	9.74	35.4	164	340	Average
5350	59.92	-14.08	74	51.13	34.45	9.74	35.4	164	340	Peak
7492	49.85	-24.15	74	61.29	35.3	10.14	56.88	100	0	Peak
10540	48.17	-20.13	68.3	55.63	37.62	11.31	56.39	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C108 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 48	Temperature :	19~22°C						
Test Channel :	62	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Remark :	5310 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	53.01	-20.99	74	54.55	27.83	4.31	33.68	167	206	Peak
1326	43.25	-10.75	54	44.79	27.83	4.31	33.68	167	206	Average
2500	52.41	-21.59	74	47.5	32.3	6.18	33.57	104	218	Peak
2500	41.55	-12.45	54	36.64	32.3	6.18	33.57	104	218	Average
3824	49.39	-24.61	74	41.51	33.06	8.62	33.8	100	0	Peak
5150	49.55	-4.45	54	40.54	34.25	9.41	34.65	108	54	Average
5150	61.02	-12.98	74	52.01	34.25	9.41	34.65	108	54	Peak
5310	109.2	-	-	100.36	34.42	9.7	35.28	108	54	Peak
5310	96.47	-	-	87.63	34.42	9.7	35.28	108	54	Average
5350	52.81	-1.19	54	44.02	34.45	9.74	35.4	108	54	Average
5350	66.63	-7.37	74	57.84	34.45	9.74	35.4	108	54	Peak
7470	47.9	-26.1	74	59.34	35.31	10.14	56.89	100	0	Peak
10620	48.17	-25.83	74	55.14	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C109 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 48	Temperature :	19~22°C						
Test Channel :	62	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical						
Remark :	5310 MHz is fundamental signal which can be ignored.								

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.15	-24.85	74	50.69	27.83	4.31	33.68	100	0	Peak
2500	52.81	-21.19	74	47.9	32.3	6.18	33.57	100	44	Peak
2500	40.28	-13.72	54	35.37	32.3	6.18	33.57	100	44	Average
3862	49.98	-24.02	74	42	33.11	8.67	33.8	100	0	Peak
5150	48.89	-5.11	54	39.88	34.25	9.41	34.65	148	342	Average
5150	60	-14	74	50.99	34.25	9.41	34.65	148	342	Peak
5310	103.42	-	-	94.57	34.4	9.66	35.21	148	342	Peak
5310	89.55	-	-	80.71	34.42	9.7	35.28	148	342	Average
5350	49.41	-4.59	54	40.62	34.45	9.74	35.4	148	342	Average
5350	60.9	-13.1	74	52.11	34.45	9.74	35.4	148	342	Peak
7484	50.54	-23.46	74	61.98	35.31	10.14	56.89	100	0	Peak
10620	47.95	-26.05	74	54.92	37.67	11.61	56.25	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C110 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 49	Temperature :	19~22°C						
Test Channel :	102	Relative Humidity :	58~61%						
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal						
Domosik .	5510 MHz is fundamental signal which can be ignored.								
Remark :	2. 5470 MHz and 5725 MHz are	g g							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1332	48.86	-25.14	74	50.37	27.84	4.31	33.66	100	0	Peak
2500	53.12	-20.88	74	48.21	32.3	6.18	33.57	166	2	Peak
2500	42.19	-11.81	54	37.28	32.3	6.18	33.57	166	2	Average
3752	49.56	-24.44	74	41.96	32.96	8.44	33.8	100	0	Peak
5470	66.32	-1.98	68.3	54.82	34.47	9.94	32.91	116	53	Peak
5510	108.34	-	-	96.7	34.52	10.02	32.9	116	53	Peak
5510	96.63	-	-	85.01	34.5	10.02	32.9	116	53	Average
5725	57.1	-11.2	68.3	45.63	34.81	9.92	33.26	116	53	Peak
7494	48.5	-25.5	74	59.93	35.3	10.15	56.88	100	0	Peak
11020	49.7	-24.3	74	54.19	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C111 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 49	Temperature :	19~22°C					
Test Channel :	102	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Domests .	5510 MHz is fundamental signal which can be ignored.							
Remark :	2. 5470 MHz and 5725 MHz are	. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	51.42	-22.58	74	52.96	27.83	4.31	33.68	107	184	Peak
1326	42.19	-11.81	54	43.73	27.83	4.31	33.68	107	184	Average
2492	52.74	-21.26	74	47.83	32.3	6.18	33.57	118	54	Peak
2492	40.18	-13.82	54	35.27	32.3	6.18	33.57	118	54	Average
3772	48.92	-25.08	74	41.23	32.99	8.5	33.8	100	0	Peak
5470	58.25	-10.05	68.3	46.75	34.47	9.94	32.91	157	267	Peak
5510	98.04	-	-	86.4	34.52	10.02	32.9	157	267	Peak
5510	87.6	-	-	75.98	34.5	10.02	32.9	157	267	Average
5725	53.43	-14.87	68.3	41.96	34.81	9.92	33.26	157	267	Peak
7492	50	-24	74	61.44	35.3	10.14	56.88	100	0	Peak
11020	49.76	-24.24	74	54.25	37.91	13.22	55.62	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C112 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 50	Temperature :	19~22°C				
Test Channel :	110	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Domosik .	5550 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2500	48.47	-25.53	74	68.48	32.2	6.18	58.39	100	0	Peak
5470	67.04	-1.26	68.3	55.54	34.47	9.94	32.91	133	306	Peak
5550	115.96	-	-	104.34	34.55	10.01	32.94	133	306	Peak
5550	105.51	-	-	93.92	34.57	10	32.98	133	306	Average
5725	61.14	-7.16	68.3	49.67	34.81	9.92	33.26	133	306	Peak
7494	44.73	-29.27	74	57.09	35.7	10.15	58.21	100	0	Peak

Test Mode :	Mode 50	Temperature :	19~22°C				
Test Channel :	110	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5550 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
(MHz)	(dBuV/m)	Limit (dB)	Line (dBuV/m)	Level (dBuV)	Factor (dB)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	
2500	47.77	-26.23	74	67.78	32.2	6.18	58.39	100	0	Peak
5470	59.32	-8.98	68.3	47.82	34.47	9.94	32.91	100	263	Peak
5550	107.26	-	-	95.64	34.55	10.01	32.94	100	263	Peak
5550	96.83	-	-	85.24	34.57	10	32.98	100	263	Average
5725	54.53	-13.77	68.3	43.06	34.81	9.92	33.26	100	263	Peak
7500	47.88	-26.12	74	60.24	35.7	10.15	58.21	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C113 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 51	Temperature :	19~22°C				
Test Channel :	134	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Domosile .	5670 MHz is fundamental signal which can be ignored.						
Remark :	2. 5470 MHz and 5725 MHz are	not within a restricted ba	and.				

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	51.2	-22.8	74	52.74	27.83	4.31	33.68	106	185	Peak
1326	39.76	-14.24	54	41.3	27.83	4.31	33.68	106	185	Average
2492	53.15	-20.85	74	48.24	32.3	6.18	33.57	136	187	Peak
2492	42.18	-11.82	54	37.27	32.3	6.18	33.57	136	187	Average
3876	49.42	-24.58	74	41.35	33.13	8.73	33.79	100	0	Peak
5470	64.37	-3.93	68.3	52.87	34.47	9.94	32.91	125	47	Peak
5670	116.29	-	-	104.79	34.74	9.94	33.18	125	47	Peak
5670	105.39	-	-	93.89	34.74	9.94	33.18	125	47	Average
5725	67.27	-1.03	68.3	55.8	34.81	9.92	33.26	125	47	Peak
7484	48.75	-25.25	74	60.19	35.31	10.14	56.89	100	0	Peak
11340	50.17	-23.83	74	54.52	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C114 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 51	Temperature :	19~22°C				
Test Channel :	134	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical				
Remark :	5670 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are not within a restricted band.						

Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	50.19	-23.81	74	51.73	27.83	4.31	33.68	100	0	Peak
2492	51.94	-22.06	74	47.03	32.3	6.18	33.57	115	76	Peak
2492	40.56	-13.44	54	35.65	32.3	6.18	33.57	115	76	Average
3832	49.8	-24.2	74	41.9	33.08	8.62	33.8	100	0	Peak
5470	56.32	-11.98	68.3	44.82	34.47	9.94	32.91	198	12	Peak
5670	107.39	-	-	95.89	34.74	9.94	33.18	198	12	Peak
5670	96.67	-	-	85.17	34.74	9.94	33.18	198	12	Average
5725	56.43	-11.87	68.3	44.96	34.81	9.92	33.26	198	12	Peak
7492	50.24	-23.76	74	61.68	35.3	10.14	56.88	100	0	Peak
11340	50.08	-23.92	74	54.43	38.17	13.17	55.69	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C115 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 52	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Horizontal						
Remark :	5320 MHz is fundamental signal which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	52.5	-21.5	74	54.04	27.83	4.31	33.68	142	184	Peak
1326	40.66	-13.34	54	42.2	27.83	4.31	33.68	142	184	Average
2486	55.08	-18.92	74	50.18	32.28	6.18	33.56	119	318	Peak
2486	42.71	-11.29	54	37.81	32.28	6.18	33.56	119	318	Average
3868	50.88	-23.12	74	42.81	33.13	8.73	33.79	100	0	Peak
5150	61.73	-12.27	74	52.72	34.25	9.41	34.65	153	52	Peak
5150	50.01	-3.99	54	41	34.25	9.41	34.65	153	52	Average
5320	110.93	-	-	102.09	34.42	9.7	35.28	153	52	Peak
5320	100.16	-	-	91.32	34.42	9.7	35.28	153	52	Average
5350	52.68	-1.32	54	43.89	34.45	9.74	35.4	153	52	Average
5350	69.6	-4.4	74	60.81	34.45	9.74	35.4	153	52	Peak
7476	48.1	-25.9	74	59.54	35.31	10.14	56.89	100	0	Peak
10640	47.07	-26.93	74	53.9	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C116 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 52	Temperature :	19~22°C					
Test Channel :	64	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang Polarization : Vertical							
Remark :	5320 MHz is fundamental signals which can be ignored.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
1326	49.3	-24.7	74	50.84	27.83	4.31	33.68	100	0	Peak
2494	54.77	-19.23	74	49.86	32.3	6.18	33.57	128	346	Peak
2494	40.59	-13.41	54	35.68	32.3	6.18	33.57	128	346	Average
3896	50.53	-23.47	74	42.37	33.16	8.79	33.79	100	0	Peak
5150	60.97	-13.03	74	51.96	34.25	9.41	34.65	178	276	Peak
5150	49.51	-4.49	54	40.5	34.25	9.41	34.65	178	276	Average
5320	103.11	-	-	94.27	34.42	9.7	35.28	178	276	Peak
5320	93.38	-	-	84.54	34.42	9.7	35.28	178	276	Average
5350	49.55	-4.45	54	40.76	34.45	9.74	35.4	178	276	Average
5350	60.37	-13.63	74	51.58	34.45	9.74	35.4	178	276	Peak
7486	49.28	-24.72	74	60.72	35.3	10.14	56.88	100	0	Peak
10640	47.35	-26.65	74	54.18	37.68	11.71	56.22	100	0	Peak

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C117 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02



Test Mode :	Mode 53	Temperature :	19~22°C				
Test Channel :	134	Relative Humidity :	58~61%				
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Horizontal				
Remark :	5670 MHz is fundamental signal which can be ignored.						
	2. 5470 MHz and 5725 MHz are	5470 MHz and 5725 MHz are not within a restricted band.					

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2500	48.34	-25.66	74	68.35	32.2	6.18	58.39	100	0	Peak
5470	59.99	-8.31	68.3	48.49	34.47	9.94	32.91	102	48	Peak
5670	109.99	-	-	98.49	34.74	9.94	33.18	102	48	Peak
5670	100.37	-	-	88.87	34.74	9.94	33.18	102	48	Average
5725	66.37	-1.93	68.3	54.9	34.81	9.92	33.26	102	48	Peak
7484	44.96	-29.04	74	57.32	35.7	10.14	58.2	100	0	Peak

Test Mode :	Mode 53	Temperature :	19~22°C					
Test Channel :	134	Relative Humidity :	58~61%					
Test Engineer :	Kyle Jhuang / David Yang	Polarization :	Vertical					
Remark :	5670 MHz is fundamental signal which can be ignored.							
Remark :	2. 5470 MHz and 5725 MHz are not within a restricted band.							

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant		Remark
(NALL =)	(dD::\//rr \	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV)	(dB)	(dB)	(dB)	(cm)	(deg)	
2500	47.51	-26.49	74	67.52	32.2	6.18	58.39	100	0	Peak
5470	54.69	-13.61	68.3	43.19	34.47	9.94	32.91	154	266	Peak
5670	101.88	-	-	90.35	34.72	9.95	33.14	154	266	Peak
5670	92.34	-	-	80.84	34.74	9.94	33.18	154	266	Average
5725	60.27	-8.03	68.3	48.8	34.81	9.92	33.26	154	266	Peak
7492	47.05	-26.95	74	59.42	35.7	10.14	58.21	100	0	Peak

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : C118 of C118
Report Issued Date : Apr. 13, 2012
Report Version : Rev. 02