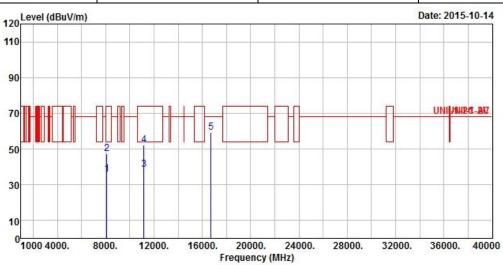
Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)						
Modulation Mode HT20 Test Freq. (MHz) 5580							
N_{TX}	1	Polarization	V				



			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	F
1	8116.000	36.00	-18.00	54.00	29.62	36.15	5.35	35.12	Average
2	8116.000	47.30	-26.70	74.00	40.92	36.15	5.35	35.12	Peak
3	11160.000	38.42	-15.58	54.00	28.15	38.20	6.28	34.21	Average
4	11160.000	52.13	-21.87	74.00	41.86	38.20	6.28	34.21	Peak
5	16740.000	59.55	-8.65	68.20	43.53	41.50	8.86	34.34	Peak

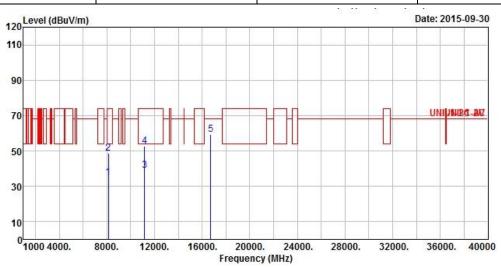
- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 146 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

FCC Test Report

Report No.: FR131667-15AN

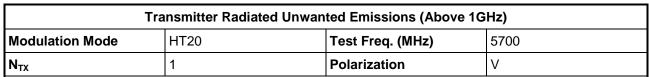
Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	Modulation Mode HT20 Test Freq. (MHz) 5580							
N _{TX}	1	Polarization H						

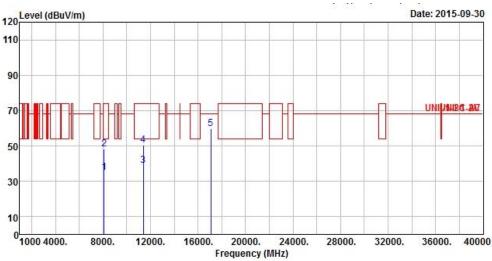


			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	i i
1	8132.000	35.12	-18.88	54.00	28.72	36.16	5.36	35.12	Average
2	8132.000	48.84	-25.16	74.00	42.44	36.16	5.36	35.12	Peak
3	11160.000	38.96	-15.04	54.00	28.69	38.20	6.28	34.21	Average
4	11160.000	52.53	-21.47	74.00	42.26	38.20	6.28	34.21	Peak
5	16740.000	59.41	-8.79	68.20	43.39	41.50	8.86	34.34	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 147 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01



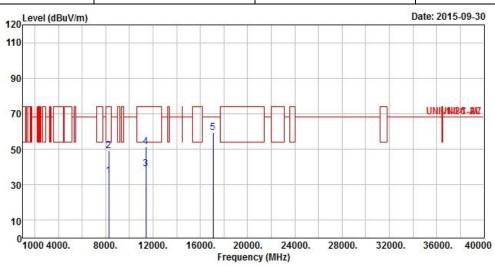


	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8116.000	35.09	-18.91	54.00	28.71	36.15	5.35	35.12	Average
2	8116.000	48.30	-25.70	74.00	41.92	36.15	5.35	35.12	Peak
3	11400.000	39.09	-14.91	54.00	28.94	38.20	6.34	34.39	Average
4	11400.000	50.35	-23.65	74.00	40.20	38.20	6.34	34.39	Peak
5	17100.000	59.77	-8.43	68.20	43.09	41.54	8.98	33.84	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 148 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	720 Test Freq. (MHz) 5700						
N _{TX}	1 Polarization H							

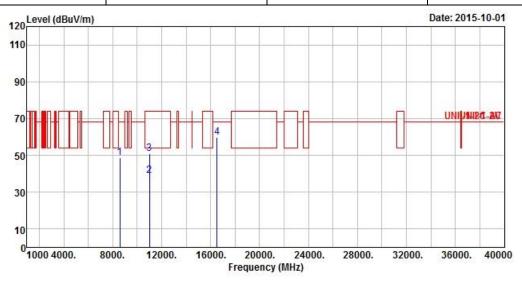


	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8268.000	35.18	-18.82	54.00	28.68	36.21	5.39	35.10	Average
2	8268.000	48.98	-25.02	74.00	42.48	36.21	5.39	35.10	Peak
3	11400.000	39.10	-14.90	54.00	28.95	38.20	6.34	34.39	Average
4	11400.000	51.35	-22.65	74.00	41.20	38.20	6.34	34.39	Peak
5	17100.000	59.39	-8.81	68.20	42.71	41.54	8.98	33.84	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 149 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	ns (Above 1GHz)					
Modulation Mode	HT40	Test Freq. (MHz)	5510			
N _{TX}	1	Polarization	V			



	12		Over Limit F Limit Line Le					Remark	
		dBuV/m dB d	dBuV/m dBuV	dB/m	dB	dB			
1	8600.000	48.57	-19.63	68.20	41.75	36.32	5.58	35.08	Peak
2	11020.000	38.86	-15.14	54.00	28.54	38.20	6.24	34.12	Average
3	11020.000	51.07	-22.93	74.00	40.75	38.20	6.24	34.12	Peak
1	16530 000	59 70	-8 50	68 20	44 19	41 50	8 73	34 72	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. : 150 of 191
TEL: 886-3-327-3456 : Report Version : Rev. 01



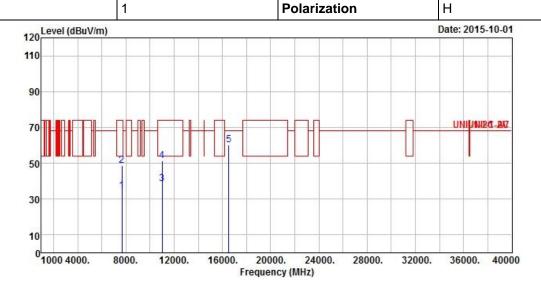
 N_{TX}

FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5510

Report No.: FR131667-15AN

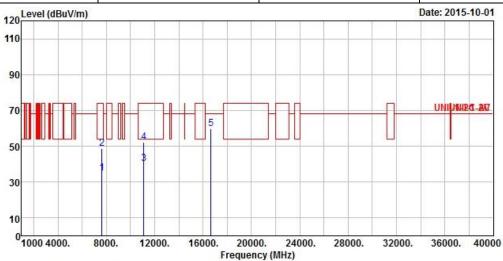


			Over	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3
1	7676.000	34.57	-19.43	54.00	27.99	36.04	5.58	35.04	Average
2	7676.000	48.59	-25.41	74.00	42.01	36.04	5.58	35.04	Peak
3	11020.000	38.68	-15.32	54.00	28.36	38.20	6.24	34.12	Average
4	11020.000	51.51	-22.49	74.00	41.19	38.20	6.24	34.12	Peak
5	16530.000	60.23	-7.97	68.20	44.72	41.50	8.73	34.72	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 151 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation ModeHT40Test Freq. (MHz)5550								
N_{TX}	1	Polarization V						

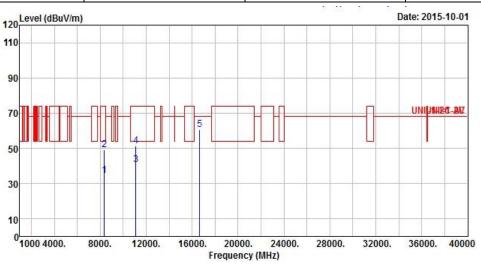


	Freq	Level	Over Limit	Limit Line		Antenna Factor			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7654.000	34.82	-19.18	54.00	28.24	36.03	5.58	35.03	Average
2	7654.000	48.57	-25.43	74.00	41.99	36.03	5.58	35.03	Peak
3	11100.000	40.14	-13.86	54.00	29.85	38.20	6.26	34.17	Average
4	11100.000	52.25	-21.75	74.00	41.96	38.20	6.26	34.17	Peak
5	16650.000	59.71	-8.49	68.20	43.89	41.50	8.80	34.48	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 152 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)						
Modulation Mode HT40 Test Freq. (MHz) 5550						
N_{TX}	1	Polarization	Н			

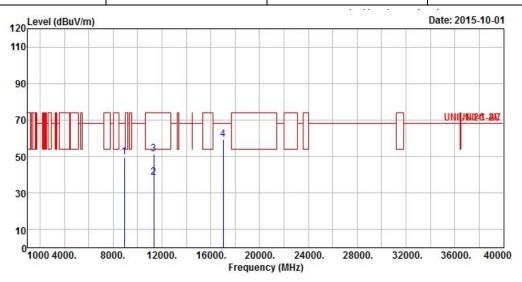


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8346.000	34.67	-19.33	54.00	28.10	36.24	5.42	35.09	Average
2	8346.000	49.01	-24.99	74.00	42.44	36.24	5.42	35.09	Peak
3	11100.000	40.83	-13.17	54.00	30.54	38.20	6.26	34.17	Average
4	11100.000	51.18	-22.82	74.00	40.89	38.20	6.26	34.17	Peak
5	16650.000	60.52	-7.68	68.20	44.70	41.50	8.80	34.48	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 153 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode HT40 Test Freq. (MHz) 5670									
N _{TX}	N _{TX} 1 Polarization V								

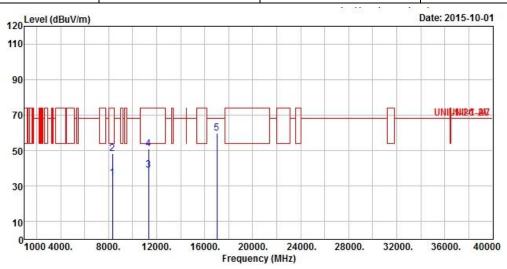


	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	ed E
1	8908.000	49.67	-18.53	68.20	42.52	36.38	5.90	35.13	Peak
2	11340.000	38.69	-15.31	54.00	28.50	38.20	6.32	34.33	Average
3	11340.000	51.16	-22.84	74.00	40.97	38.20	6.32	34.33	Peak
4	17010.000	59.45	-8.75	68.20	42.80	41.51	8.99	33.85	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 154 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	Modulation ModeHT40Test Freq. (MHz)5670						
N_{TX}	Polarization	Н					



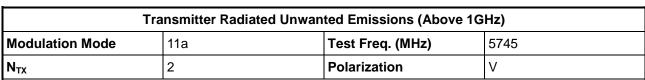
	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	ile.
1	8336.000	34.72	-19.28	54.00	28.15	36.24	5.42	35.09	Average
2	8336.000	48.28	-25.72	74.00	41.71	36.24	5.42	35.09	Peak
3	11340.000	38.93	-15.07	54.00	28.74	38.20	6.32	34.33	Average
4	11340.000	51.05	-22.95	74.00	40.86	38.20	6.32	34.33	Peak
5	17010.000	59.92	-8.28	68.20	43.27	41.51	8.99	33.85	Peak

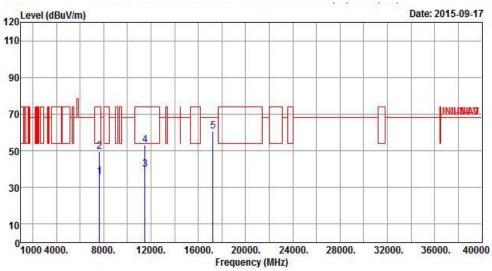
- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 155 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

3.6.10 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5725-5850MHz

Report No.: FR131667-15AN





	Freq	Level				Antenna Factor		100	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7656.000	35.74	-18.26	54.00	29.16	36.03	5.58	35.03	Average
2	7656.000	49.72	-24.28	74.00	43.14	36.03	5.58	35.03	Peak
3	11490.000	39.80	-14.20	54.00	29.68	38.20	6.36	34.44	Average
4	11490.000	53.05	-20.95	74.00	42.93	38.20	6.36	34.44	Peak
5	17235.000	60.85	-7.35	68.20	44.10	41.59	8.96	33.80	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

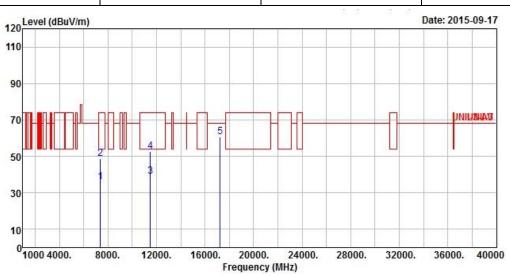
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 156 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	11a	Test Freq. (MHz)	5745				
N _{TX}	2	Polarization	Н				

Report No.: FR131667-15AN

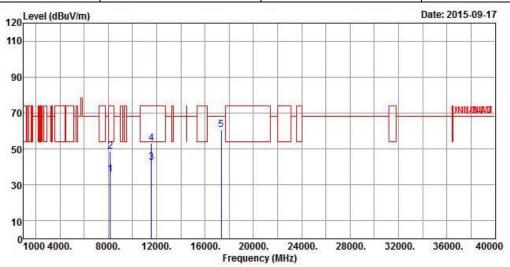


	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7376.000	35.69	-18.31	54.00	29.18	35.95	5.52	34.96	Average
2	7376.000	48.78	-25.22	74.00	42.27	35.95	5.52	34.96	Peak
3	11490.000	39.06	-14.94	54.00	28.94	38.20	6.36	34.44	Average
4	11490.000	52.81	-21.19	74.00	42.69	38.20	6.36	34.44	Peak
5	17235.000	60.76	-7.44	68.20	44.01	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 157 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	Modulation Mode 11a Test Freq. (MHz)						
N _{TX}	Polarization	V					

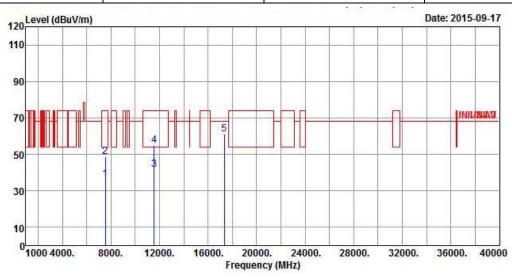


	Freq	Level	Over Limit	Limit Line		Antenna Factor		1	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1	8160.000	35.76	-18.24	54.00	29.34	36.16	5.37	35.11	Average
2	8160.000	48.59	-25.41	74.00	42.17	36.16	5.37	35.11	Peak
3	11570.000	42.30	-11.70	54.00	32.00	38.37	6.44	34.51	Average
4	11570.000	53.34	-20.66	74.00	43.04	38.37	6.44	34.51	Peak
5	17355.000	60.78	-7.42	68.20	43.98	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 158 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)						
Modulation Mode 11a Test Freq. (MHz) 5785						
N_{TX}	Н					

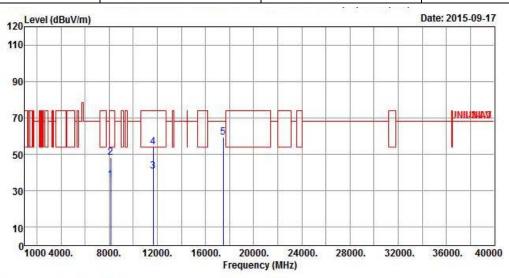


	Freq	Freq l	Level		Limit Line				1	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-	
1	7532.000	36.13	-17.87	54.00	29.40	36.01	5.71	34.99	Average	
2	7532.000	48.66	-25.34	74.00	41.93	36.01	5.71	34.99	Peak	
3	11570.000	41.78	-12.22	54.00	31.48	38.37	6.44	34.51	Average	
4	11570.000	54.99	-19.01	74.00	44.69	38.37	6.44	34.51	Peak	
5	17355.000	61.29	-6.91	68.20	44.49	41.64	8.94	33.78	Peak	

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 159 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5825					
N_{TX}	2	Polarization	V					



	Freq			Limit ReadAn	Antenna Cable Factor Loss		Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8128.000	35.76	-18.24	54.00	29.37	36.15	5.36	35.12	Average
2	8128.000	48.35	-25.65	74.00	41.96	36.15	5.36	35.12	Peak
3	11650.000	40.66	-13.34	54.00	30.16	38.53	6.52	34.55	Average
4	11650.000	53.83	-20.17	74.00	43.33	38.53	6.52	34.55	Peak
5	17475.000	59.17	-9.03	68.20	42.31	41.69	8.92	33.75	Peak

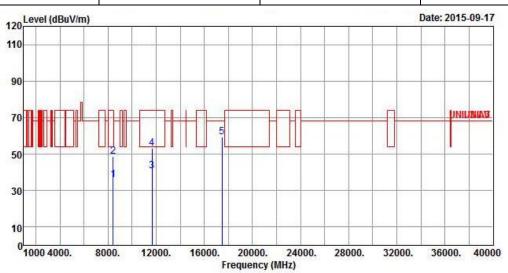
- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 160 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

FCC Test Report

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5825						
N _{TX}	2	Polarization	Н						

Report No.: FR131667-15AN

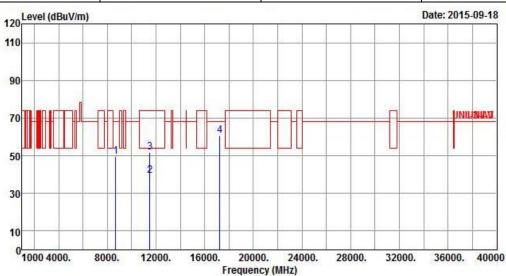


			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8416.000	35.94	-18.06	54.00	29.30	36.27	5.44	35.07	Average
2	8416.000	48.77	-25.23	74.00	42.13	36.27	5.44	35.07	Peak
3	11650.000	40.53	-13.47	54.00	30.03	38.53	6.52	34.55	Average
4	11650.000	52.95	-21.05	74.00	42.45	38.53	6.52	34.55	Peak
5	17475.000	59.19	-9.01	68.20	42.33	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 161 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	HT20	T20 Test Freq. (MHz)							
N_{TX}	2	Polarization	V						

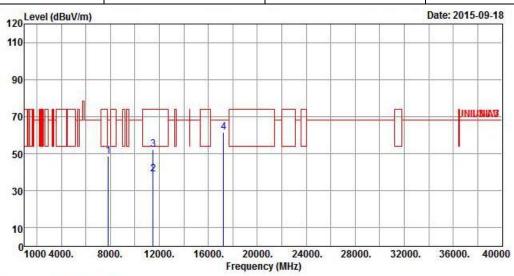


	Freq	Level		Limit Line				The second second	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8688.000	49.53	-18.67	68.20	42.62	36.34	5.66	35.09	Peak
2	11490.000	39.33	-14.67	54.00	29.21	38.20	6.36	34.44	Average
3	11490.000	51.82	-22.18	74.00	41.70	38.20	6.36	34.44	Peak
4	17235.000	60.60	-7.60	68.20	43.85	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 162 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5745				
N_{TX}	2	Polarization	Н				



	0ver		Limit ReadA		Antenna	Cable	Preamp	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
7830.000	48.88	-19.32	68.20	42.45	36.07	5.44	35.08	Peak
11490.000	38.78	-15.22	54.00	28.66	38.20	6.36	34.44	Average
11490.000	52.14	-21.86	74.00	42.02	38.20	6.36	34.44	Peak
17235.000	61.39	-6.81	68.20	44.64	41.59	8.96	33.80	Peak
	7830.000 11490.000 11490.000	MHz dBuV/m 7830.000 48.88 11490.000 38.78 11490.000 52.14	Freq Level Limit MHz dBuV/m dB 7830.000 48.88 -19.32 11490.000 38.78 -15.22 11490.000 52.14 -21.86	Freq Level Limit Line MHz dBuV/m dB dBuV/m 7830.000 48.88 -19.32 68.20 11490.000 38.78 -15.22 54.00 11490.000 52.14 -21.86 74.00	Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 7830.000 48.88 -19.32 68.20 42.45 11490.000 38.78 -15.22 54.00 28.66 11490.000 52.14 -21.86 74.00 42.02	Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 7830.000 48.88 -19.32 68.20 42.45 36.07 5.44 11490.000 38.78 -15.22 54.00 28.66 38.20 6.36 11490.000 52.14 -21.86 74.00 42.02 38.20 6.36	7830.000 48.88 -19.32 68.20 42.45 36.07 5.44 35.08 11490.000 38.78 -15.22 54.00 28.66 38.20 6.36 34.44 11490.000 52.14 -21.86 74.00 42.02 38.20 6.36 34.44

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 163 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

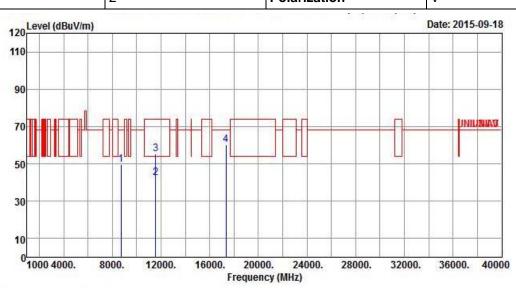
FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT20 Test Freq. (MHz) 5785

N_{TX} 2 Polarization V

Report No.: FR131667-15AN

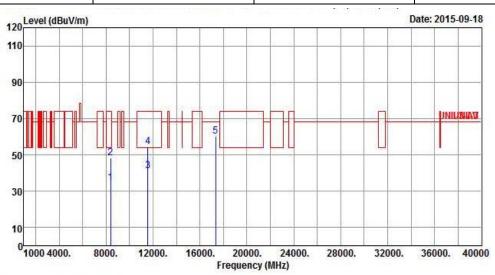


	Freq	Over L Freq Level Limit				Antenna Cable Factor Loss		Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	á <u> </u>
1	8710.000	49.38	-18.82	68.20	42.44	36.34	5.70	35.10	Peak
2	11570.000	42.57	-11.43	54.00	32.27	38.37	6.44	34.51	Average
3	11570.000	55.38	-18.62	74.00	45.08	38.37	6.44	34.51	Peak
4	17355.000	60.05	-8.15	68.20	43.25	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 164 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5785					
N _{TX} 2		Polarization	Н					

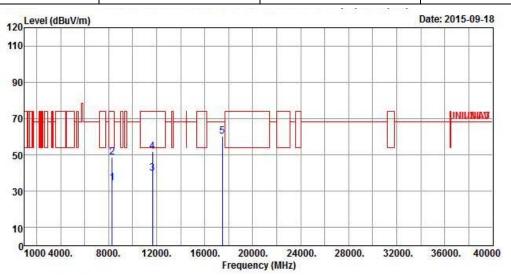


	Freq	Freq	Level		Limit Line				110	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		
1	8402.000	34.57	-19.43	54.00	27.95	36.26	5.44	35.08	Average	
2	8402.000	48.33	-25.67	74.00	41.71	36.26	5.44	35.08	Peak	
3	11570.000	41.28	-12.72	54.00	30.98	38.37	6.44	34.51	Average	
4	11570.000	54.54	-19.46	74.00	44.24	38.37	6.44	34.51	Peak	
5	17355.000	60.34	-7.86	68.20	43.54	41.64	8.94	33.78	Peak	

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 165 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode	Modulation Mode HT20 Test Freq. (MHz) 5825								
N_{TX}	N _{TX} 2 Polarization V								

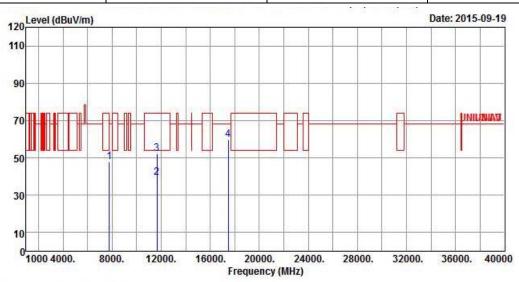


	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8292.000	34.45	-19.55	54.00	27.92	36.22	5.40	35.09	Average
2	8292.000	48.68	-25.32	74.00	42.15	36.22	5.40	35.09	Peak
3	11650.000	39.98	-14.02	54.00	29.48	38.53	6.52	34.55	Average
4	11650.000	51.89	-22.11	74.00	41.39	38.53	6.52	34.55	Peak
5	17475.000	60.08	-8.12	68.20	43.22	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 166 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode	Modulation Mode HT20 Test Freq. (MHz) 5825								
N_{TX}	N _{TX} 2 Polarization H								



			Over	Limit	ReadA	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	2
1	7786.000	48.02	-20.18	68.20	41.55	36.06	5.48	35.07	Peak
2	11650.000	39.38	-14.62	54.00	28.88	38.53	6.52	34.55	Average
3	11650.000	52.34	-21.66	74.00	41.84	38.53	6.52	34.55	Peak
4	17475.000	59.98	-8.22	68.20	43.12	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 167 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01



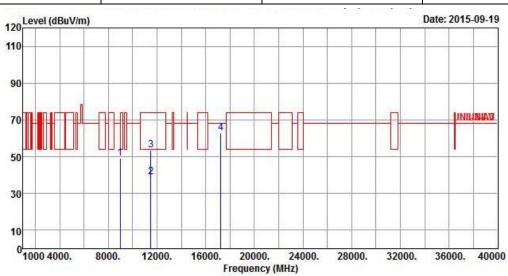
FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5755

N_{TX} 2 Polarization V

Report No.: FR131667-15AN



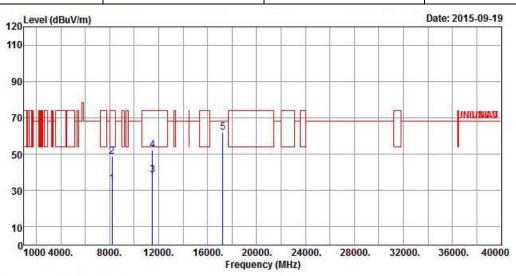
	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	2
1	8992.000	49.18	-19.02	68.20	41.95	36.40	5.98	35.15	Peak
2	11510.000	38.84	-15.16	54.00	28.74	38.20	6.36	34.46	Average
3	11510.000	53.44	-20.56	74.00	43.34	38.20	6.36	34.46	Peak
4	17265.000	62.83	-5.37	68.20	46.06	41.61	8.95	33.79	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 168 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

CC Test Report	Report No. : FR131667-15AN

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode	Modulation Mode HT40 Test Freq. (MHz) 5755								
N_{TX}	N _{TX} 2 Polarization H								

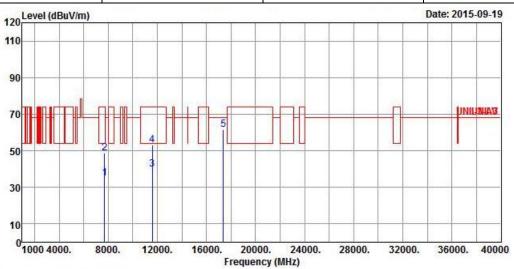


	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	<u> </u>
1	8188.000	33.64	-20.36	54.00	27.20	36.18	5.37	35.11	Average
2	8188.000	48.68	-25.32	74.00	42.24	36.18	5.37	35.11	Peak
3	11510.000	38.50	-15.50	54.00	28.40	38.20	6.36	34.46	Average
4	11510.000	52.06	-21.94	74.00	41.96	38.20	6.36	34.46	Peak
5	17265.000	61.81	-6.39	68.20	45.04	41.61	8.95	33.79	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 169 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode	Modulation Mode HT40 Test Freq. (MHz) 5795								
N_{TX}	V								



	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7716.000	34.81	-19.19	54.00	28.27	36.04	5.54	35.04	Average
2	7716.000	48.68	-25.32	74.00	42.14	36.04	5.54	35.04	Peak
3	11590.000	39.80	-14.20	54.00	29.42	38.41	6.48	34.51	Average
4	11590.000	53.18	-20.82	74.00	42.80	38.41	6.48	34.51	Peak
5	17385.000	61.48	-6.72	68.20	44.66	41.65	8.93	33.76	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 170 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

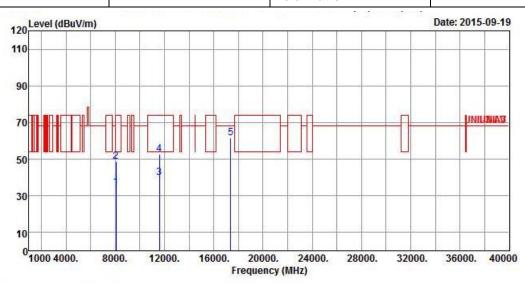
FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode HT40 Test Freq. (MHz) 5795

N_{TX} 2 Polarization H

Report No.: FR131667-15AN

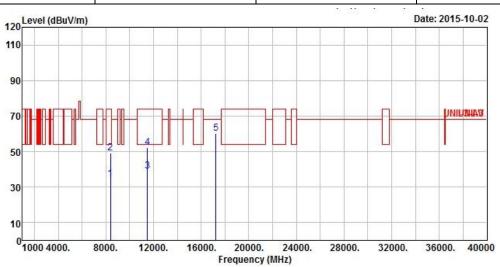


			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8056.000	34.43	-19.57	54.00	28.11	36.12	5.33	35.13	Average
2	8056.000	48.77	-25.23	74.00	42.45	36.12	5.33	35.13	Peak
3	11590.000	39.76	-14.24	54.00	29.38	38.41	6.48	34.51	Average
4	11590.000	52.72	-21.28	74.00	42.34	38.41	6.48	34.51	Peak
5	17385.000	61.43	-6.77	68.20	44.61	41.65	8.93	33.76	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 171 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)									
Modulation Mode	Modulation Mode 11a Test Freq. (MHz) 5745								
N_{TX}	N _{TX} 1 Polarization V								

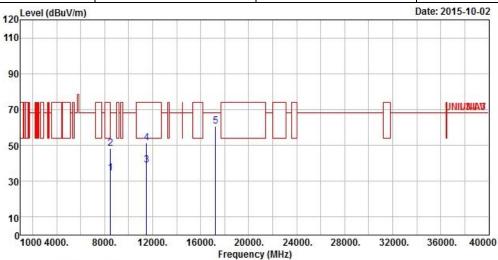


	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	37
1	8402.000	34.72	-19.28	54.00	28.10	36.26	5.44	35.08	Average
2	8402.000	49.08	-24.92	74.00	42.46	36.26	5.44	35.08	Peak
3	11490.000	39.06	-14.94	54.00	28.94	38.20	6.36	34.44	Average
4	11490.000	52.41	-21.59	74.00	42.29	38.20	6.36	34.44	Peak
5	17235.000	60.28	-7.92	68.20	43.53	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 172 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5745					
N _{TX}	1	Polarization	Н					
	D-1 2045 40 02							

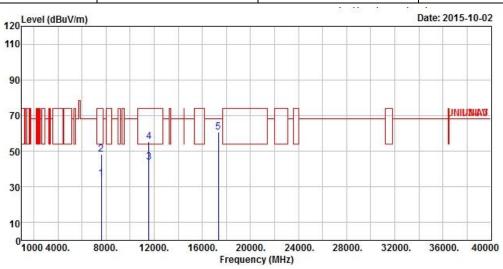


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	0
1	8490.000	34.41	-19.59	54.00	27.71	36.30	5.46	35.06	Average
2	8490.000	48.36	-25.64	74.00	41.66	36.30	5.46	35.06	Peak
3	11490.000	39.11	-14.89	54.00	28.99	38.20	6.36	34.44	Average
4	11490.000	51.53	-22.47	74.00	41.41	38.20	6.36	34.44	Peak
5	17235.000	60.78	-7.42	68.20	44.03	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 173 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5785					
N_{TX}	1	Polarization	V					

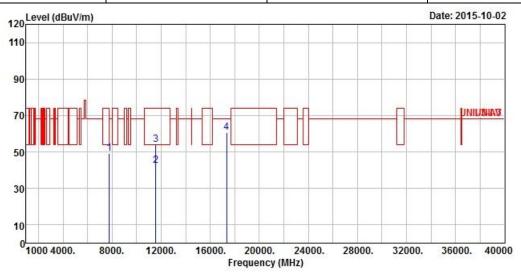


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	ia.
1	7610.000	34.74	-19.26	54.00	28.09	36.02	5.64	35.01	Average
2	7610.000	48.21	-25.79	74.00	41.56	36.02	5.64	35.01	Peak
3	11570.000	43.71	-10.29	54.00	33.41	38.37	6.44	34.51	Average
4	11570.000	55.32	-18.68	74.00	45.02	38.37	6.44	34.51	Peak
5	17355.000	60.71	-7.49	68.20	43.91	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 174 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5785					
N_{TX}	1	Polarization	Н					



	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3
1	7786.000	49.20	-19.00	68.20	42.73	36.06	5.48	35.07	Peak
2	11570.000	42.53	-11.47	54.00	32.23	38.37	6.44	34.51	Average
3	11570.000	54.18	-19.82	74.00	43.88	38.37	6.44	34.51	Peak
4	17355.000	60.53	-7.67	68.20	43.73	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

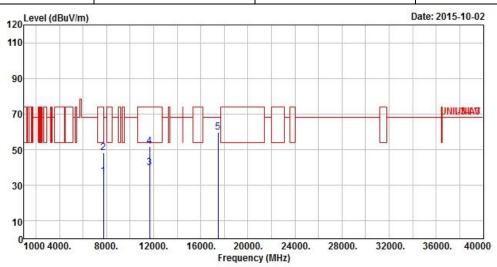
SPORTON INTERNATIONAL INC. Page No. : 175 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01



FCC Test Report

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5825					
N _{TX}	1	Polarization	V					

Report No.: FR131667-15AN



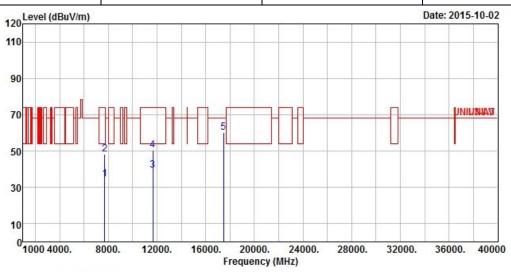
Freq	Level							Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
7742.000	34.82	-19.18	54.00	28.31	36.05	5.51	35.05	Average
7742.000	48.43	-25.57	74.00	41.92	36.05	5.51	35.05	Peak
11650.000	39.63	-14.37	54.00	29.13	38.53	6.52	34.55	Average
11650.000	51.83	-22.17	74.00	41.33	38.53	6.52	34.55	Peak
17475.000	59.94	-8.26	68.20	43.08	41.69	8.92	33.75	Peak
	7742.000 7742.000 11650.000 11650.000	MHz dBuV/m 7742.000 34.82 7742.000 48.43 11650.000 39.63 11650.000 51.83	Freq Level Limit MHz dBuV/m dB 7742.000 34.82 -19.18 7742.000 48.43 -25.57 11650.000 39.63 -14.37 11650.000 51.83 -22.17	Freq Level Limit Line MHz dBuV/m dB dBuV/m 7742.000 34.82 -19.18 54.00 7742.000 48.43 -25.57 74.00 11650.000 39.63 -14.37 54.00 11650.000 51.83 -22.17 74.00	Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 7742.000 34.82 -19.18 54.00 28.31 7742.000 48.43 -25.57 74.00 41.92 11650.000 39.63 -14.37 54.00 29.13 11650.000 51.83 -22.17 74.00 41.33	Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m 7742.000 34.82 -19.18 54.00 28.31 36.05 7742.000 48.43 -25.57 74.00 41.92 36.05 11650.000 39.63 -14.37 54.00 29.13 38.53 11650.000 51.83 -22.17 74.00 41.33 38.53	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 7742.000 34.82 -19.18 54.00 28.31 36.05 5.51 7742.000 48.43 -25.57 74.00 41.92 36.05 5.51 11650.000 39.63 -14.37 54.00 29.13 38.53 6.52 11650.000 51.83 -22.17 74.00 41.33 38.53 6.52	7742.000 34.82 -19.18 54.00 28.31 36.05 5.51 35.05 7742.000 48.43 -25.57 74.00 41.92 36.05 5.51 35.05 11650.000 39.63 -14.37 54.00 29.13 38.53 6.52 34.55

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 176 of 191 TEL: 886-3-327-3456 Report Version : Rev. 01

FAX: 886-3-327-0973

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	11a	Test Freq. (MHz)	5825					
N_{TX}	1	Polarization	Н					

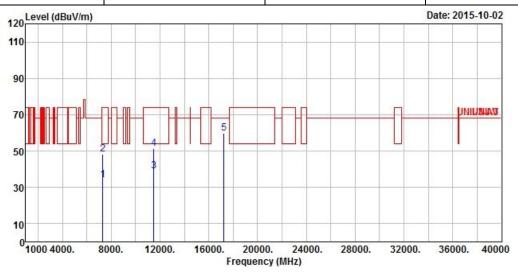


	Freq	Level				Antenna Factor		and the same of the same of	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7698.000	34.49	-19.51	54.00	27.95	36.04	5.54	35.04	Average
2	7698.000	48.37	-25.63	74.00	41.83	36.04	5.54	35.04	Peak
3	11650.000	39.31	-14.69	54.00	28.81	38.53	6.52	34.55	Average
4	11650.000	50.58	-23.42	74.00	40.08	38.53	6.52	34.55	Peak
5	17475.000	60.38	-7.82	68.20	43.52	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 177 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	HT20	Test Freq. (MHz)	5745					
N_{TX}	1	Polarization	V					

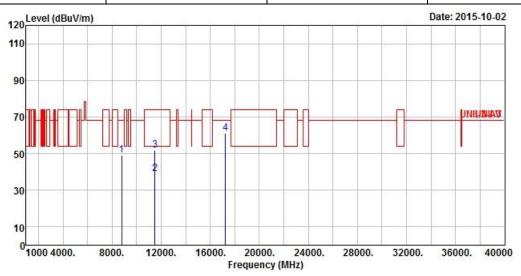


	Freq	Level		Limit Line				San	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7302.000	34.17	-19.83	54.00	27.72	35.92	5.47	34.94	Average
2	7302.000	48.35	-25.65	74.00	41.90	35.92	5.47	34.94	Peak
3	11490.000	39.00	-15.00	54.00	28.88	38.20	6.36	34.44	Average
4	11490.000	51.47	-22.53	74.00	41.35	38.20	6.36	34.44	Peak
5	17235.000	59.89	-8.31	68.20	43.14	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 178 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5745				
N_{TX}	1	Polarization	Н				

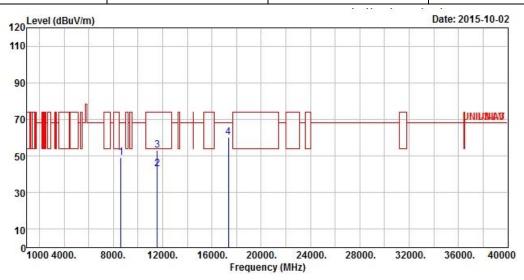


			Over	Limit	ReadA	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1	8776.000	49.03	-19.17	68.20	42.05	36.35	5.74	35.11	Peak
2	11490.000	38.86	-15.14	54.00	28.74	38.20	6.36	34.44	Average
3	11490.000	51.68	-22.32	74.00	41.56	38.20	6.36	34.44	Peak
4	17235.000	60.91	-7.29	68.20	44.16	41.59	8.96	33.80	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 179 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5785				
N _{TX}	1	Polarization	V				

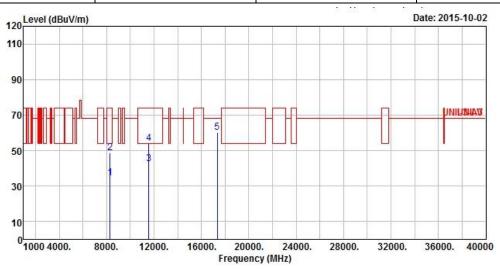


			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level				Factor			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	il.
1	8622.000	49.11	-19.09	68.20	42.29	36.32	5.58	35.08	Peak
2	11570.000	43.12	-10.88	54.00	32.82	38.37	6.44	34.51	Average
3	11570.000	53.18	-20.82	74.00	42.88	38.37	6.44	34.51	Peak
4	17355.000	60.20	-8.00	68.20	43.40	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 180 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5785				
N_{TX}	1	Polarization	Н				



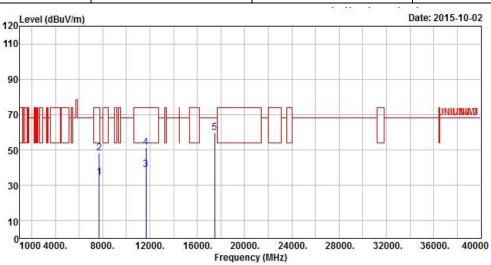
Freq	Level	Over Limit	The state of the s		Antenna Factor			Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	i.
8292.000	34.64	-19.36	54.00	28.11	36.22	5.40	35.09	Average
8292.000	48.86	-25.14	74.00	42.33	36.22	5.40	35.09	Peak
11570.000	42.42	-11.58	54.00	32.12	38.37	6.44	34.51	Average
11570.000	53.91	-20.09	74.00	43.61	38.37	6.44	34.51	Peak
17355.000	60.43	-7.77	68.20	43.63	41.64	8.94	33.78	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 181 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

FAX: 886-3-327-0973

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5825				
N_{TX}	1	Polarization	V				

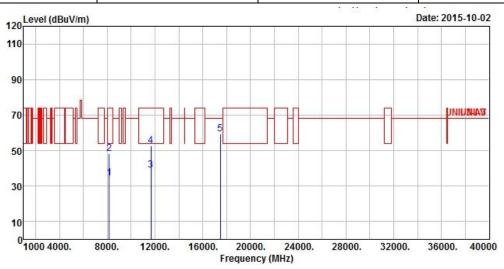


			0ver	Limit	Read	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3.
1	7698.000	34.48	-19.52	54.00	27.94	36.04	5.54	35.04	Average
2	7698.000	48.44	-25.56	74.00	41.90	36.04	5.54	35.04	Peak
3	11650.000	39.17	-14.83	54.00	28.67	38.53	6.52	34.55	Average
4	11650.000	51.47	-22.53	74.00	40.97	38.53	6.52	34.55	Peak
5	17475.000	59.84	-8.36	68.20	42.98	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 182 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT20	Test Freq. (MHz)	5825				
N_{TX}	1	Polarization	Н				

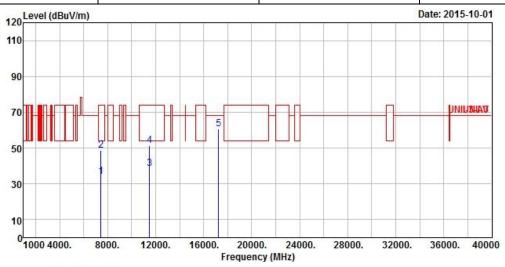


	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	il
1	8160.000	34.56	-19.44	54.00	28.14	36.16	5.37	35.11	Average
2	8160.000	48.36	-25.64	74.00	41.94	36.16	5.37	35.11	Peak
3	11650.000	39.07	-14.93	54.00	28.57	38.53	6.52	34.55	Average
4	11650.000	52.49	-21.51	74.00	41.99	38.53	6.52	34.55	Peak
5	17475.000	59.36	-8.84	68.20	42.50	41.69	8.92	33.75	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 183 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT40	Test Freq. (MHz)	5755				
N_{TX}	1	Polarization	V				

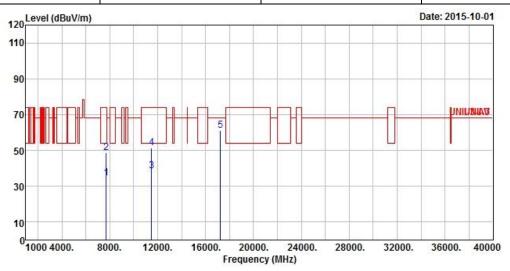


	Freq	Level		Limit Line				and the same of the same of	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7456.000	34.26	-19.74	54.00	27.58	35.99	5.66	34.97	Average
2	7456.000	48.82	-25.18	74.00	42.14	35.99	5.66	34.97	Peak
3	11510.000	38.67	-15.33	54.00	28.57	38.20	6.36	34.46	Average
4	11510.000	51.55	-22.45	74.00	41.45	38.20	6.36	34.46	Peak
5	17265.000	60.77	-7.43	68.20	44.00	41.61	8.95	33.79	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 184 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)							
Modulation Mode	HT40	Test Freq. (MHz)	5755					
N _{TX}	1	Polarization	Н					

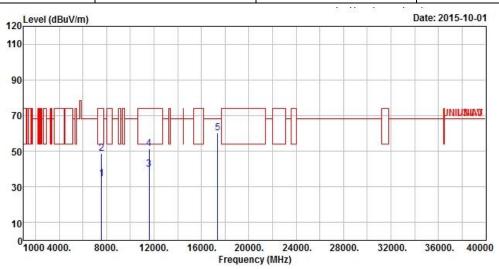


	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3 <u>-</u>
1	7720.000	34.47	-19.53	54.00	27.94	36.04	5.54	35.05	Average
2	7720.000	48.59	-25.41	74.00	42.06	36.04	5.54	35.05	Peak
3	11510.000	38.55	-15.45	54.00	28.45	38.20	6.36	34.46	Average
4	11510.000	51.54	-22.46	74.00	41.44	38.20	6.36	34.46	Peak
5	17265.000	61.08	-7.12	68.20	44.31	41.61	8.95	33.79	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 185 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	HT40	Test Freq. (MHz)	5795						
N_{TX}	1	Polarization	V						

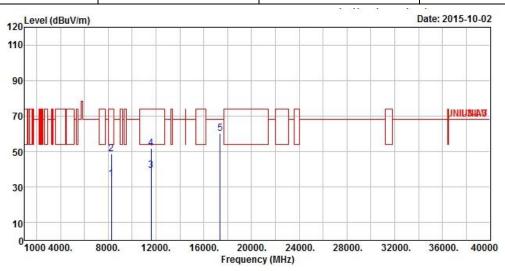


			0ver	Limit	ReadA	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	il.
1	7588.000	34.54	-19.46	54.00	27.88	36.02	5.64	35.00	Average
2	7588.000	48.83	-25.17	74.00	42.17	36.02	5.64	35.00	Peak
3	11590.000	39.88	-14.12	54.00	29.50	38.41	6.48	34.51	Average
4	11590.000	51.47	-22.53	74.00	41.09	38.41	6.48	34.51	Peak
5	17385.000	60.32	-7.88	68.20	43.50	41.65	8.93	33.76	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 186 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

Tra	Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	HT40	Test Freq. (MHz)	5795						
N_{TX}	1	Polarization	Н						



	Freq	Level	Over Limit	Limit Line		ntenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8248.000	34.34	-19.66	54.00	27.85	36.20	5.39	35.10	Average
2	8248.000	48.61	-25.39	74.00	42.12	36.20	5.39	35.10	Peak
3	11590.000	39.42	-14.58	54.00	29.04	38.41	6.48	34.51	Average
4	11590.000	51.63	-22.37	74.00	41.25	38.41	6.48	34.51	Peak
5	17385.000	60.28	-7.92	68.20	43.46	41.65	8.93	33.76	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
- Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
- Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
- Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

SPORTON INTERNATIONAL INC. Page No. : 187 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

Frequency Stability Limit UNII Devices ☐ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. IEEE Std. 802.11n-2009 ☐ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

Report No.: FR131667-15AN

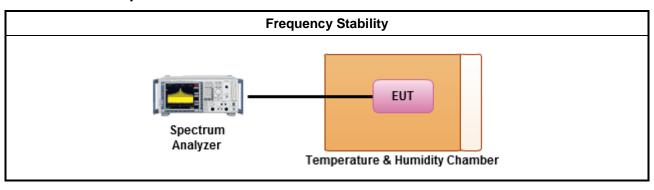
3.7.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

		Test Method						
\boxtimes	Refer as ANSI C63.10, clause 6.8 for frequency stability tests							
		Frequency stability with respect to ambient temperature						
	\boxtimes	Frequency stability when varying supply voltage						
\boxtimes	For	conducted measurement.						
		For conducted measurements on devices with multiple transmit chains: Measurements need only to be performed on one of the active transmit chains (antenna outputs)						
		radiated measurement. The equipment to be measured and the test antenna shall be oriented to in the maximum emitted power level.						

3.7.4 Test Setup



SPORTON INTERNATIONAL INC. : 188 of 191
TEL: 886-3-327-3456 : Report Version : Rev. 01



FCC Test Report

3.7.5 Test Result of Frequency Stability

		Frequency	Stability Result					
Мос	de	Frequency Stability (ppm)						
Condition	Freq. (MHz)	0 min	0 min 2 min		10 min			
T _{20°C} Vmax	5200	1.0096	1.0250	1.0154	1.0327			
T _{20°C} Vmin	5200	0.9615	0.9038	0.8846	0.6923			
T _{50°C} Vnom	5200	-6.0154	-6.0058	-6.0000	-5.9808			
T _{40°C} Vnom	5200	-4.0904	-4.1750	-4.2577	-4.3423			
T _{30°C} Vnom	5200	-2.4077	-2.5769	-2.5808	-2.5827			
T _{20°C} Vnom	5200	1.0192	0.9615	1.0000	1.0769			
T _{10°C} Vnom	5200	4.1038	3.8865	3.8462	3.7692			
$T_{0^{\circ}C}Vnom$	5200	8.1846	8.0000	7.9346	8.1346			
T _{-10°C} Vnom	5200	10.0192	10.0308	9.9346	9.7692			
T _{-20°C} Vnom	5200	9.9231	10.2500	10.8846	10.2500			
Limit (Limit (ppm)		20					
Res	ult	Complied						

Report No.: FR131667-15AN

Note 1: Measure at 85 % [Vmin] and 115 % [Vmax] of the nominal voltage [Vnom]. Note 2: The nominal voltage refer test report clause 0 for EUT operational condition.

 SPORTON INTERNATIONAL INC.
 Page No.
 : 189 of 191

 TEL: 886-3-327-3456
 Report Version
 : Rev. 01

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz ~ 2.75GHz	Apr. 15. 2015	AC Conduction
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	Jan. 22, 2015	AC Conduction
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	Oct. 31, 2014	AC Conduction
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	NCR	AC Conduction

Report No.: FR131667-15AN

Note: Calibration Interval of instruments listed above is one year. NCR: No Calibration Request.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSV 40	101500	9KHz~40GHz	May. 06, 2015	RF Conducted
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Jul. 28, 2015	RF Conducted
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	Feb. 17, 2015	RF Conducted
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	Feb. 17, 2015	RF Conducted
4 Port switch	CEI	P4R-720120	TH01	1GHz~26.5GHz	Jul. 01, 2015	RF Conducted

Note: Calibration Interval of instruments listed above is one year.

SPORTON INTERNATIONAL INC. Page No. : 190 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01



FCC Test Report

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP40	100593	9kHz ~ 40GHz	Oct. 20, 2014	Radiation
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	May 03, 2015	Radiation
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	Jul. 24,2015	Radiation
Amplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	Sep.10.2015	Radiation
Horn Antenna	ETS-LINDGREN	3117	00091920	1GHz ~ 18GHz	Nov. 28, 2014	Radiation
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz ~ 40GHz	Jan. 27, 2015	Radiation
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	Nov. 08, 2014	Radiation
RF Cable-high	SUHNER	SUCOFLEX106	MY17173/4	1GHz ~ 40GHz	Mar. 04, 2015	Radiation
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	Sep. 18, 2015	Radiation
Bilog Antenna	SCHAFFNER	CBL61128	2723	30MHz ~ 2GHz	Sep 20, 2014	Radiation
Turn Table	Chaintek Instruments	3000	MF7802058	0~ 360 degree	N/A	Radiation
Antenna Mast	MF	MF7802	MF780208205	1 ~ 4 m	N/A	Radiation

Report No.: FR131667-15AN

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Amplifier	EMC INSTRUMENTS	EMC184045B	980192	18GHz ~ 40GHz	Aug. 25.2014	Radiation
Loop Antenna	R&S	HFH2-Z2	100330	9 kHz~30 MHz	Nov. 10, 2014	Radiation

Note: Calibration Interval of instruments listed above is two years.

SPORTON INTERNATIONAL INC. Page No. : 191 of 191
TEL: 886-3-327-3456 Report Version : Rev. 01