



Emission below 1GHz

2.4GHz BLE 2Mbps (LF)

BLE(5.0)	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BLE LF		30	21.9	-18.1	40	27.95	24.6	0.58	31.23	-	-	P	H
		156.1	20.64	-22.86	43.5	33.75	16.2	2.01	31.32	-	-	P	H
		285.11	26.12	-19.88	46	35.58	19.37	2.73	31.56	-	-	P	H
		322.94	25.88	-20.12	46	34.84	19.77	2.91	31.64	-	-	P	H
		768.17	27.55	-18.45	46	28.45	25.74	4.51	31.15	-	-	P	H
		929.19	29.13	-16.87	46	28	26.82	4.97	30.66	-	-	P	H
		30	28.12	-11.88	40	34.17	24.6	0.58	31.23	-	-	P	V
		260.86	18.67	-27.33	46	27.98	19.5	2.61	31.42	-	-	P	V
		296.75	20.47	-25.53	46	29.99	19.31	2.79	31.62	-	-	P	V
		561.56	25.92	-20.08	46	28.7	24.93	3.85	31.56	-	-	P	V
		793.39	28.56	-17.44	46	29.4	25.79	4.58	31.21	-	-	P	V
		904.94	29.1	-16.9	46	28.55	26.72	4.9	31.07	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

**Note symbol**

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

BLE(4.0)	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE(4.0)		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 00													
2402MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = CaBLE(4.0) loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



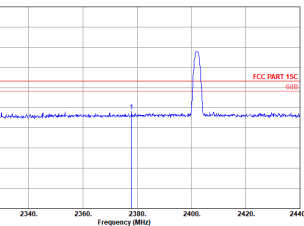
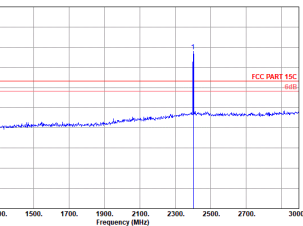
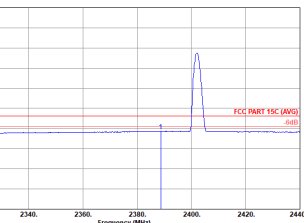
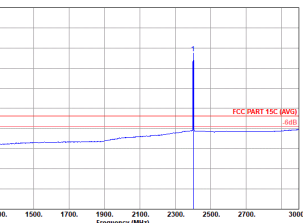
Appendix D. Radiated Spurious Emission Plots

Note symbol

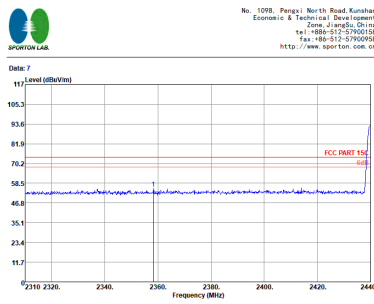
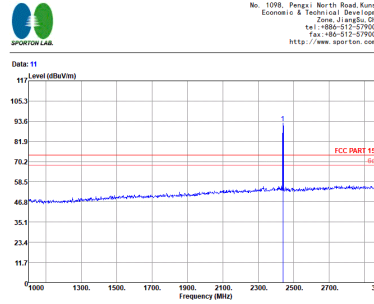
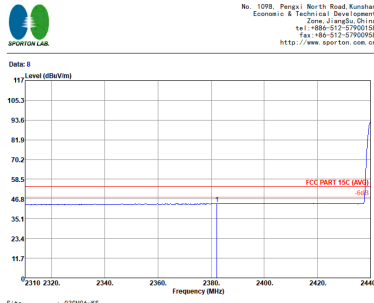
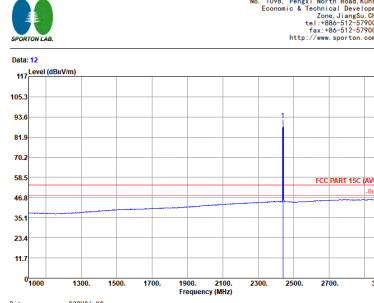
-L	Low channel location
-R	High channel location



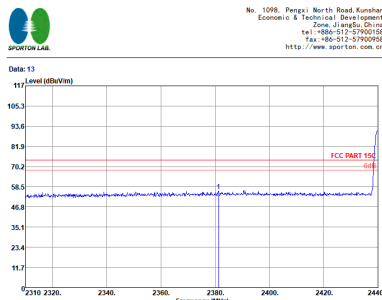
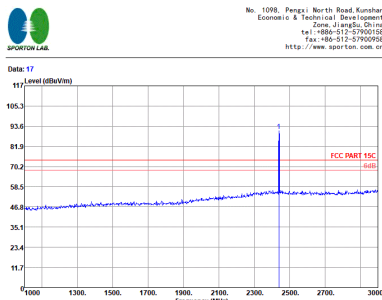
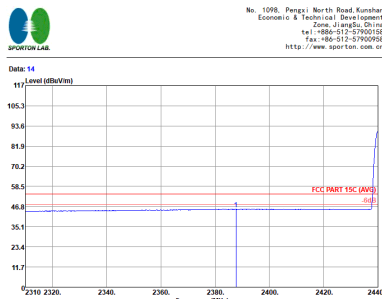
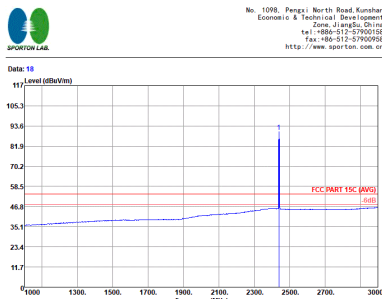


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																		
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Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn Date: 5  Site : 030H06-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3000.000MHz SMT:Auto Model : FRU-MR214042 Plane : 4 Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2377.86</td><td>56.43</td><td>-17.57</td><td>74.00</td><td>49.46</td><td>33.29</td><td>7.13</td><td>33.45</td><td>185</td><td>234 Peak VERTICAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	2377.86	56.43	-17.57	74.00	49.46	33.29	7.13	33.45	185	234 Peak VERTICAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn Date: 7  Site : 030H06-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3000.000MHz SMT:Auto Model : FRU-MR214042 Plane : 4 Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2402.00</td><td>91.19</td><td></td><td>83.97</td><td>33.50</td><td>7.16</td><td>33.44</td><td>185</td><td>234 Peak VERTICAL</td><td></td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	2402.00	91.19		83.97	33.50	7.16	33.44	185	234 Peak VERTICAL	
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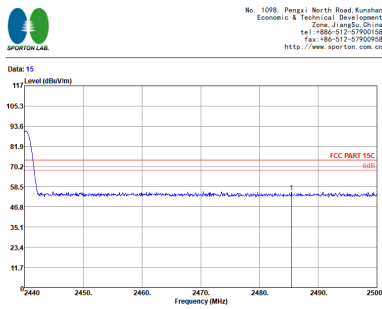
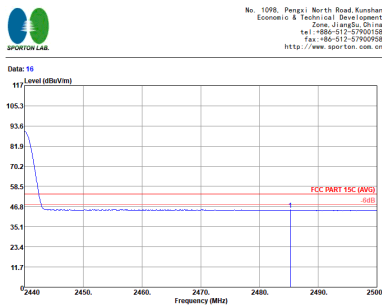


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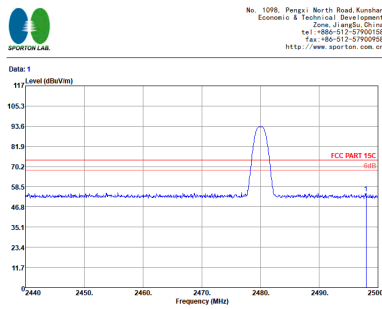
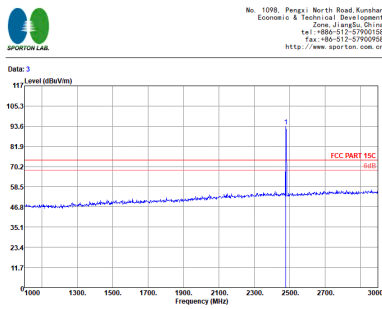
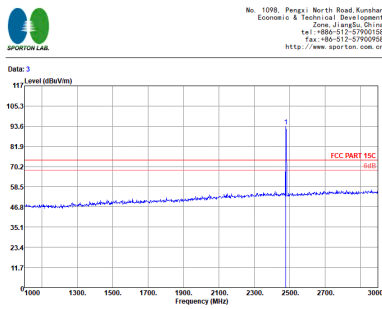
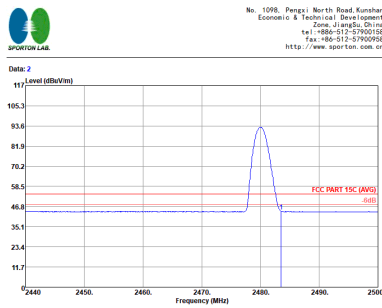
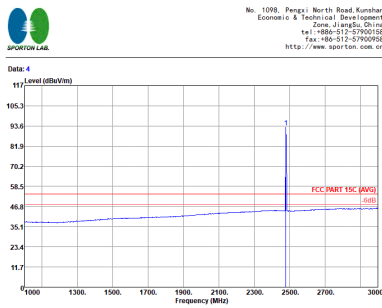
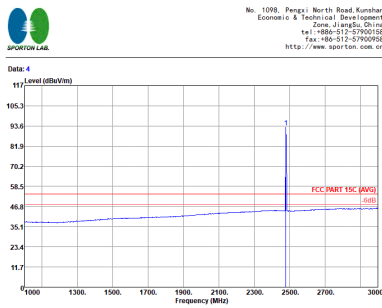


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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Date: 13 Level (dBm/100m) Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000-0000KHz VSW:3000.0000KHz SMT:Auto Model : FRU-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2381.24</td><td>95.92</td><td>-18.08</td><td>74.00</td><td>48.95</td><td>33.29</td><td>7.13</td><td>33.45</td><td>164</td><td>261 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	dB	cm	deg			1	2381.24	95.92	-18.08	74.00	48.95	33.29	7.13	33.45	164	261 Peak VERTICAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Date: 17 Level (dBm/100m) Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000-0000KHz VSW:3000.0000KHz SMT:Auto Model : FRU-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>91.00</td><td></td><td>84.09</td><td>33.11</td><td>7.23</td><td>33.43</td><td></td><td>164</td><td>261 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	dB	cm	deg			1	2440.00	91.00		84.09	33.11	7.23	33.43		164	261 Peak VERTICAL
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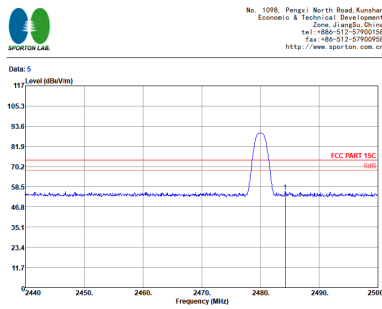
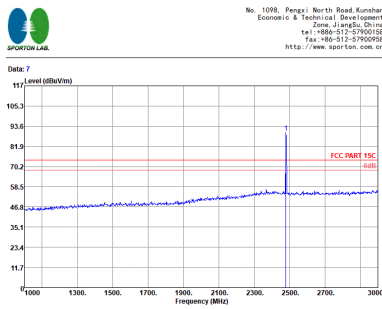
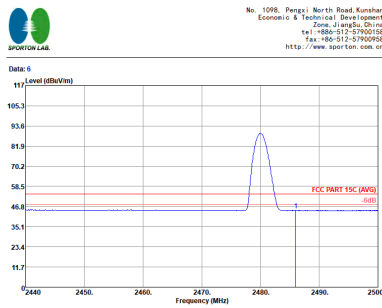
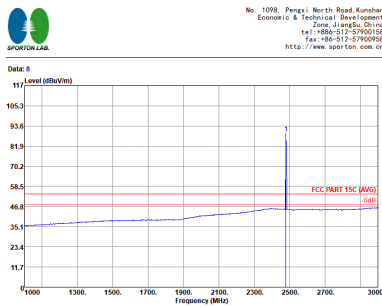


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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FIR) R214042 Plane : 0 Full-directivity : 1 Ant : Full-directivity Ant : 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2487.96</td><td>54.82</td><td>-19.18</td><td>74.00</td><td>49.24</td><td>31.70</td><td>7.30</td><td>33.42</td><td>113</td><td>46 Peak</td><td>HORIZONTAL</td></tr></tbody></table> <td colspan="5">  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FIR) R214042 Plane : 0 Full-directivity : 1 Ant : Full-directivity Ant : 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2480.00</td><td>93.50</td><td></td><td>87.86</td><td>31.80</td><td>7.27</td><td>33.43</td><td>113</td><td>46 Peak</td><td>HORIZONTAL</td></tr></tbody></table> </td>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg			1	2487.96	54.82	-19.18	74.00	49.24	31.70	7.30	33.42	113	46 Peak	HORIZONTAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FIR) R214042 Plane : 0 Full-directivity : 1 Ant : Full-directivity Ant : 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2480.00</td><td>93.50</td><td></td><td>87.86</td><td>31.80</td><td>7.27</td><td>33.43</td><td>113</td><td>46 Peak</td><td>HORIZONTAL</td></tr></tbody></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg			1	2480.00	93.50		87.86	31.80	7.27	33.43	113	46 Peak	HORIZONTAL
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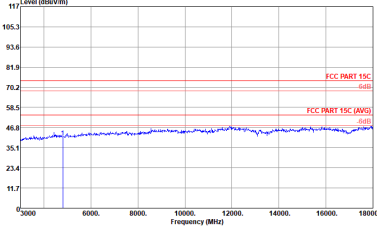
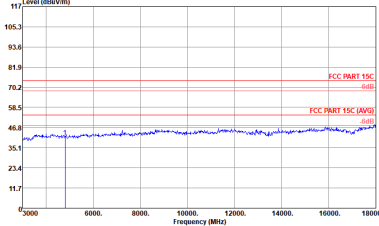


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																		
ANT		BLE 1Mbps CH39 2480MHz																																																																		
1	Vertical	Fundamental																																																																		
Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Mode : 0 Plane : 0 Full-directivity Ant : 1 Ant : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.22</td><td>55.67</td><td>-18.33</td><td>74.00</td><td>48.97</td><td>32.86</td><td>7.27</td><td>33.43</td><td>199</td><td>240 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	2480.22	55.67	-18.33	74.00	48.97	32.86	7.27	33.43	199	240 Peak VERTICAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Mode : 0 Plane : 0 Full-directivity Ant : 1 Ant : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.00</td><td>89.81</td><td></td><td>83.11</td><td>32.86</td><td>7.27</td><td>33.43</td><td>199</td><td>240 Peak VERTICAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	2480.00	89.81		83.11	32.86	7.27	33.43	199	240 Peak VERTICAL	
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
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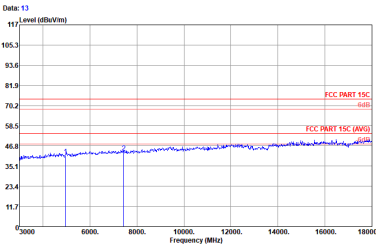
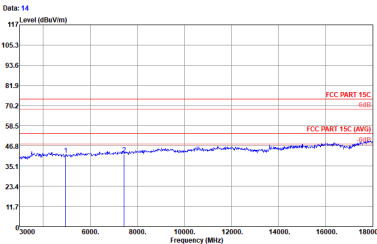


2.4GHz 2400~2483.5MHz---ANT 1

BLE 1Mbps (Harmonic @ 3m)

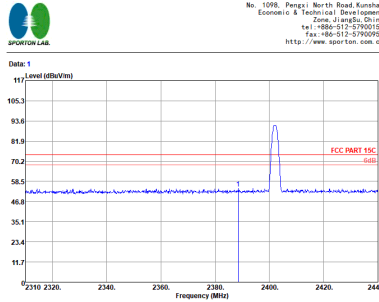
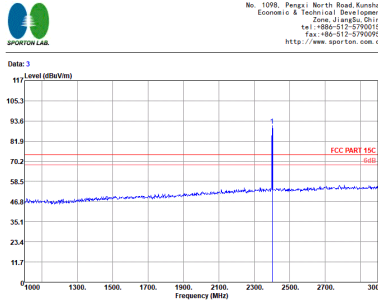
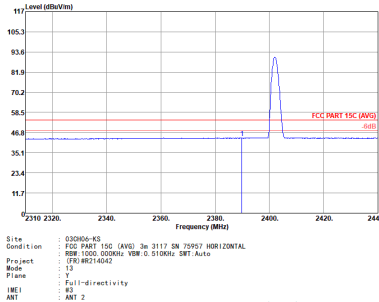
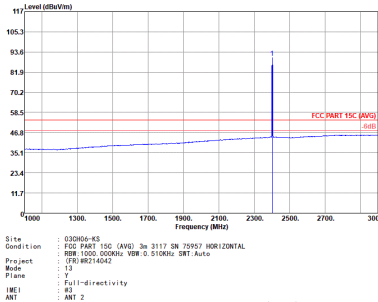
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																							
ANT	BLE 1Mbps CH00 2402MHz																																																							
1	Horizontal						Vertical																																																	
Peak Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Date: 13  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSR 1000 000000 VSW 3000 000000 SRT Auto Mode : 4 Plane : Y Ant : Full-directivity Ant : 83 <table><tr><th>Item</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>1</th><th>4806.00</th><th>40.92</th><th>-33.08</th><th>74.00</th><th>57.54</th><th>34.96</th><th>10.24</th><th>61.82</th><th>300</th><th>0 Peak</th><th>HORIZONTAL</th></tr></table>						Item	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	1	4806.00	40.92	-33.08	74.00	57.54	34.96	10.24	61.82	300	0 Peak	HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Date: 14  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSR 1000 000000 VSW 3000 000000 SRT Auto Mode : 4 Plane : Y Ant : Full-directivity Ant : 83 <table><tr><th>Item</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>1</th><th>4806.00</th><th>41.23</th><th>-32.77</th><th>74.00</th><th>57.97</th><th>34.84</th><th>10.24</th><th>61.82</th><th>300</th><th>360 Peak</th><th>VERTICAL</th></tr></table>						Item	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	1	4806.00	41.23	-32.77	74.00	57.97	34.84	10.24	61.82	300	360 Peak	VERTICAL
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Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 13  Site : 030906-K5 Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : R88-1000, 000KHz, VSW: 3000, 000KHz, SMT: Auto FREQ: 16214042 Mode : 0 Plane : 0 Full-directivity IME1 : 83 ANT : 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4962.00</td><td>41.19</td><td>-32.81</td><td>74.00</td><td>57.33</td><td>35.14</td><td>10.43</td><td>61.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.15</td><td>-30.85</td><td>74.00</td><td>55.45</td><td>36.89</td><td>12.88</td><td>62.07</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 14  Site : 030906-K5 Condition : FCC PART 15C 3m 3117 SN 70957 VERTICAL Project : R88-1000, 000KHz, VSW: 3000, 000KHz, SMT: Auto FREQ: 16214042 Mode : 0 Plane : 0 Full-directivity IME1 : 83 ANT : 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>4962.00</td><td>41.86</td><td>-32.14</td><td>74.00</td><td>58.33</td><td>34.81</td><td>10.43</td><td>61.71</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>42.01</td><td>-31.99</td><td>74.00</td><td>54.73</td><td>36.47</td><td>12.88</td><td>62.07</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	cm	deg			1	4962.00	41.19	-32.81	74.00	57.33	35.14	10.43	61.71	300	0 Peak	HORIZONTAL	2	7440.00	43.15	-30.85	74.00	55.45	36.89	12.88	62.07	300	0 Peak	HORIZONTAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	cm	deg			1	4962.00	41.86	-32.14	74.00	58.33	34.81	10.43	61.71	300	360 Peak	VERTICAL	2	7440.00	42.01	-31.99	74.00	54.73	36.47	12.88	62.07	300	360 Peak	VERTICAL
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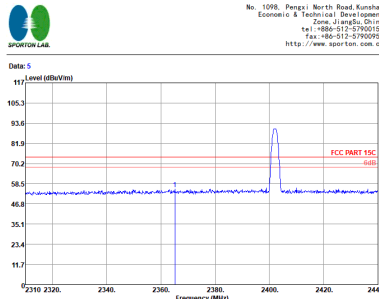
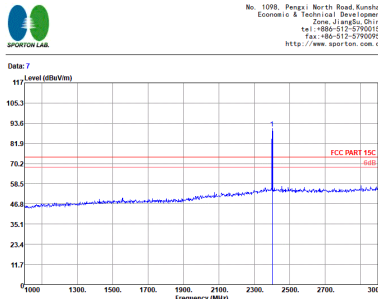
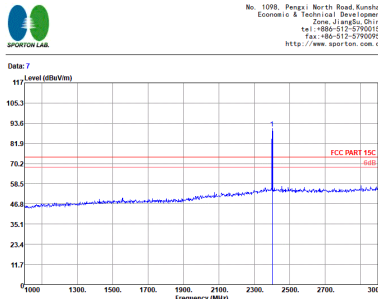
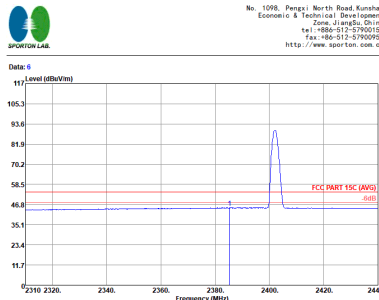
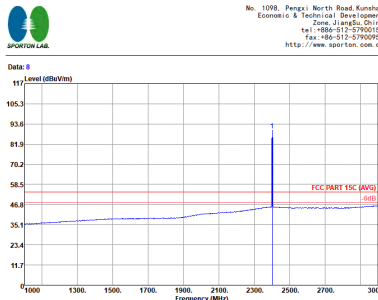
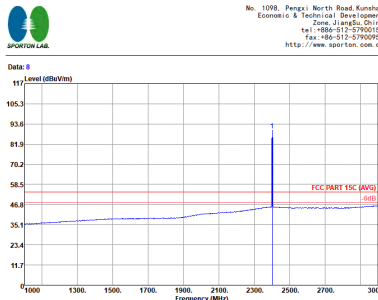
2.4GHz 2400~2483.5MHz---ANT 2
BLE 1Mbps (Band Edge @ 3m)

BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																															
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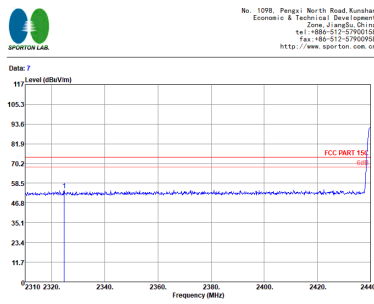
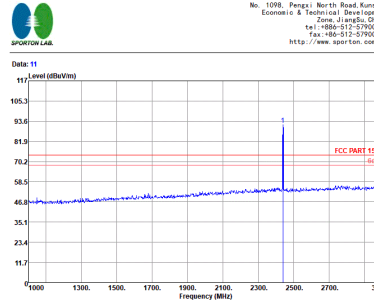
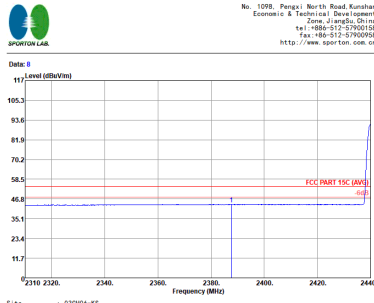
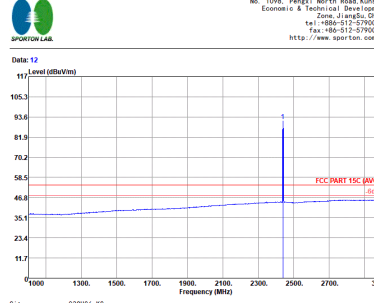


FCC RF Test Report

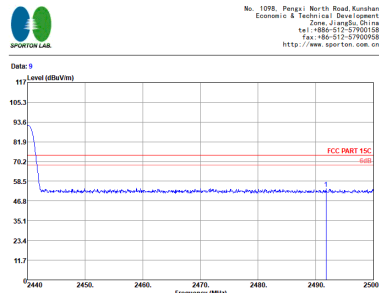
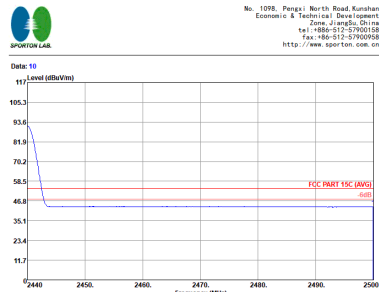
Report No. : FR170813-01B

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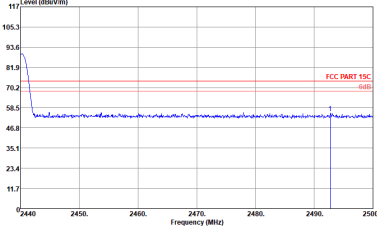
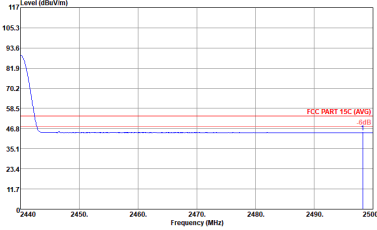


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Avg.	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 8 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2325 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C (AVG) (dB) 60 Site : 030804-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 HORIZONTAL Project : RRB-1000.0000Hz VBR-3.01000Hz SRT-Auto (FIR)R214042 Mode : 14 Plane : Full-directivity IME1 : KS ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2387.61</td><td>43.69</td><td>-10.31</td><td>54.00</td><td>37.83</td><td>32.15</td><td>7.16</td><td>33.45</td><td>175</td><td>220</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg			1	2387.61	43.69	-10.31	54.00	37.83	32.15	7.16	33.45	175	220	Average	HORIZONTAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 12 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 1900 2100 2300 2500 2700 2900 Frequency (MHz) FCC PART 15C (AVG) (dB) 60 Site : 030804-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 HORIZONTAL Project : RRB-1000.0000Hz VBR-3.01000Hz SRT-Auto (FIR)R214042 Mode : 14 Plane : Full-directivity IME1 : KS ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>91.10</td><td></td><td>85.30</td><td>32.00</td><td>7.23</td><td>33.43</td><td></td><td>175</td><td>220</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg			1	2440.00	91.10		85.30	32.00	7.23	33.43		175	220	Average	HORIZONTAL
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																							
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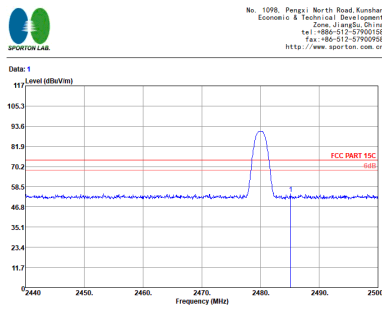
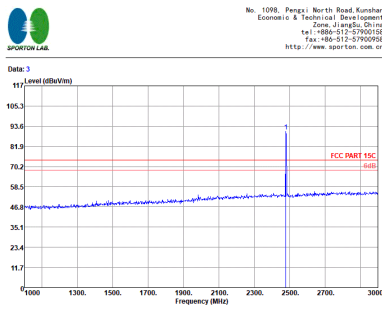
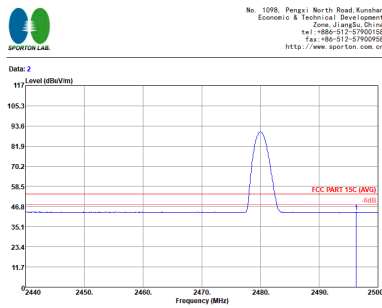
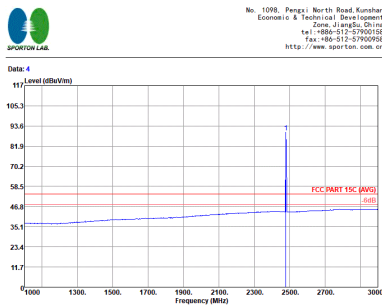


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																	
ANT	BLE 1Mbps CH19 2440MHz - R																																	
2	Horizontal	Fundamental																																
Peak	 Site : 030606-KS Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : RRM 1000.000000 YBW 3000.000000 SRT Auto Mode : 14 Plane : Y Full-directivity IMEI : R3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th></tr><tr><td>1</td><td>2449.78</td><td>54.17</td><td>-19.83</td><td>74.00</td><td>48.59</td><td>31.70</td><td>7.30</td><td>33.42</td><td>175</td><td>220 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	1	2449.78	54.17	-19.83	74.00	48.59	31.70	7.30	33.42	175	220 Peak	HORIZONTAL	Left blank
	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas																								
MHz	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm																									
1	2449.78	54.17	-19.83	74.00	48.59	31.70	7.30	33.42	175	220 Peak	HORIZONTAL																							
Avg.	 Site : 030606-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 70957 HORIZONTAL Project : RRM 1000.000000 YBW 3.510000 SRT Auto Mode : 14 Plane : Y Full-directivity IMEI : R3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th></tr><tr><td>1</td><td>2449.94</td><td>43.45</td><td>-10.55</td><td>54.00</td><td>37.87</td><td>31.70</td><td>7.30</td><td>33.42</td><td>175</td><td>220 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	1	2449.94	43.45	-10.55	54.00	37.87	31.70	7.30	33.42	175	220 Average	HORIZONTAL	Left blank
	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas																								
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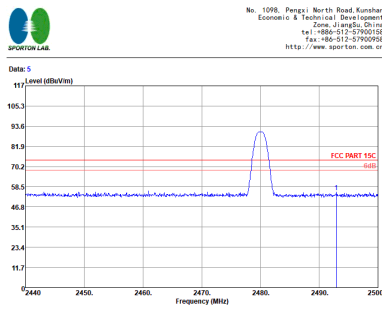
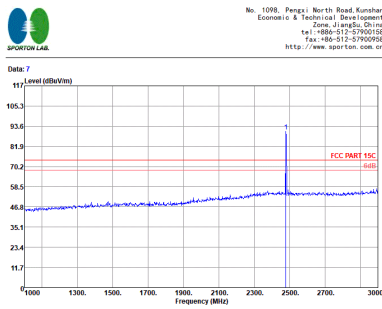
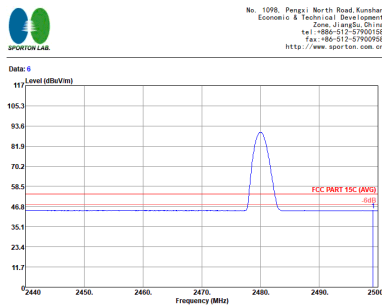
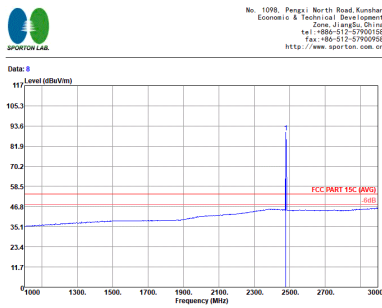


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																			
ANT	BLE 1Mbps CH19 2440MHz - R																																			
2	Vertical	Fundamental																																		
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 15  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project : FR170814042 Mode : 14 Plane : 1 Full-directivity : 0 IME1 : 0 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2492.74</td><td>55.35</td><td>-18.65</td><td>74.00</td><td>48.74</td><td>32.73</td><td>7.30</td><td>33.42</td><td>336</td><td>99 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dB	cm	deg			1	2492.74	55.35	-18.65	74.00	48.74	32.73	7.30	33.42	336	99 Peak	VERTICAL	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																										
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Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 16  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL RBW 1000.000kHz VBW 3.01000kHz SMT Auto Project : FR170814042 Mode : 14 Plane : 1 Full-directivity : 0 IME1 : 0 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2498.26</td><td>44.53</td><td>-9.47</td><td>54.00</td><td>37.92</td><td>32.73</td><td>7.30</td><td>33.42</td><td>336</td><td>99 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dB	cm	deg			1	2498.26	44.53	-9.47	54.00	37.92	32.73	7.30	33.42	336	99 Average	VERTICAL	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																										
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BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																										
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Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : 15 Full-directivity : Y IME1 : #3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2485.12</td><td>54.52</td><td>-19.48</td><td>74.00</td><td>48.98</td><td>31.70</td><td>7.27</td><td>33.43</td><td>195 223 Peak</td></tr></table>  No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : 15 Full-directivity : Y IME1 : #3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>90.76</td><td></td><td>85.12</td><td>31.80</td><td>7.27</td><td>33.43</td><td>195 223 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cn	deg	1	2485.12	54.52	-19.48	74.00	48.98	31.70	7.27	33.43	195 223 Peak	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cn	deg	1	2480.00	90.76		85.12	31.80	7.27	33.43	195 223 Peak	HORIZONTAL	Avg.	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3.01000, SMT: Auto Bode : (FR) R821A042 Plane : 15 Full-directivity : Y IME1 : #3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2496.28</td><td>43.59</td><td>-10.41</td><td>54.00</td><td>38.01</td><td>31.70</td><td>7.30</td><td>33.42</td><td>195 223 Average</td></tr></table>  No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3.01000, SMT: Auto Bode : (FR) R821A042 Plane : 15 Full-directivity : Y IME1 : #3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>90.11</td><td></td><td>84.47</td><td>31.80</td><td>7.27</td><td>33.43</td><td>195 223 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cn	deg	1	2496.28	43.59	-10.41	54.00	38.01	31.70	7.30	33.42	195 223 Average	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cn	deg	1	2480.00	90.11		84.47	31.80	7.27	33.43	195 223 Average	HORIZONTAL
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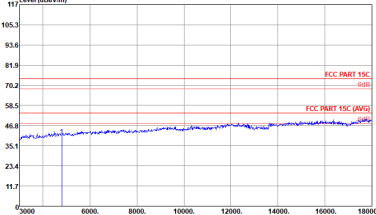
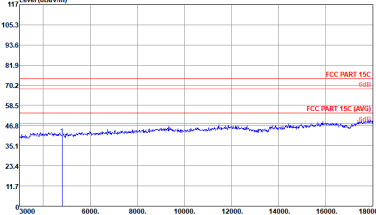


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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3000.000kHz SMT:Auto Bode : (FR)R214042 Plane : 15 Polar : Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>deg</th><th></th></tr><tr><td>1</td><td>2492.92</td><td>55.39</td><td>-18.61</td><td>74.00</td><td>48.78</td><td>32.73</td><td>7.30</td><td>33.42</td><td>340</td><td>85 Peak</td><td>VERTICAL</td></tr></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3000.000kHz SMT:Auto Bode : (FR)R214042 Plane : 15 Polar : Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>deg</th><th></th></tr><tr><td>1</td><td>2480.00</td><td>90.53</td><td>83.83</td><td>32.86</td><td>7.27</td><td>33.43</td><td>340</td><td>85 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	deg		1	2492.92	55.39	-18.61	74.00	48.78	32.73	7.30	33.42	340	85 Peak	VERTICAL	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	deg		1	2480.00	90.53	83.83	32.86	7.27	33.43	340	85 Peak	VERTICAL	Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3.0100kHz SMT:Auto Bode : (FR)R214042 Plane : 15 Polar : Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>deg</th><th></th></tr><tr><td>1</td><td>2499.16</td><td>44.53</td><td>-9.47</td><td>54.00</td><td>37.92</td><td>32.73</td><td>7.30</td><td>33.42</td><td>340</td><td>85 Average</td><td>VERTICAL</td></tr></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : R8B-1000.000MHz VSW:3.0100kHz SMT:Auto Bode : (FR)R214042 Plane : 15 Polar : Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>deg</th><th></th></tr><tr><td>1</td><td>2480.00</td><td>89.85</td><td>83.15</td><td>32.86</td><td>7.27</td><td>33.43</td><td>340</td><td>85 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	deg		1	2499.16	44.53	-9.47	54.00	37.92	32.73	7.30	33.42	340	85 Average	VERTICAL	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	deg		1	2480.00	89.85	83.15	32.86	7.27	33.43	340	85 Average	VERTICAL
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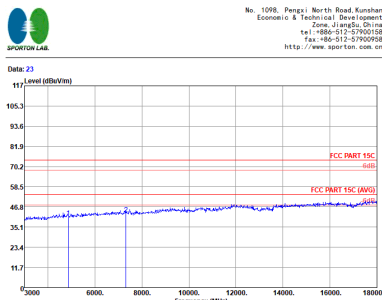
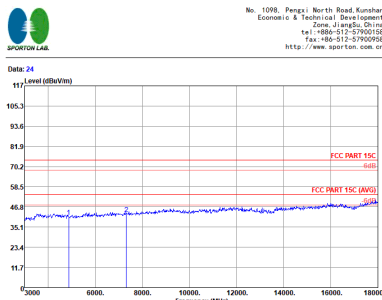
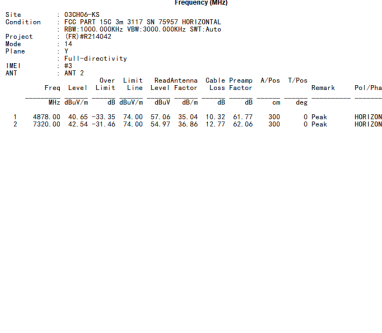
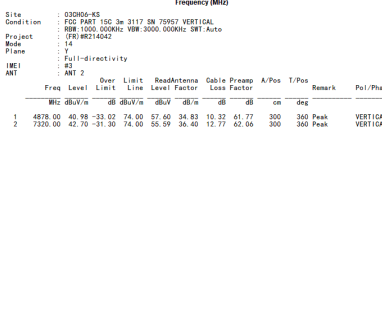


2.4GHz 2400~2483.5MHz---ANT 2

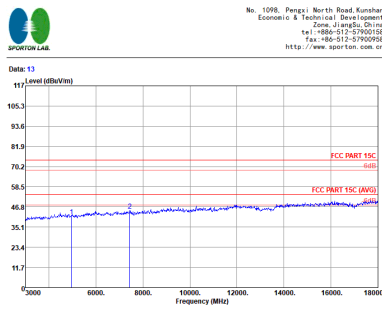
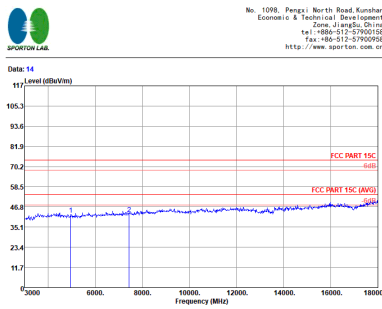
BLE 1Mbps (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																	
ANT	BLE 1Mbps CH00 2402MHz																																																																	
2	Horizontal	Vertical																																																																
Peak Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 13  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSR 1000 000000 VSW 3000 000000 SRT Auto Mode : 13 Plane : Y Polarization : Full-directivity Ant : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>4806.00</td><td>40.72</td><td>-33.28</td><td>74.00</td><td>57.34</td><td>34.96</td><td>10.24</td><td>61.82</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dB	cn	deg	1	4806.00	40.72	-33.28	74.00	57.34	34.96	10.24	61.82	300	0 Peak	HORIZONTAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 14  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSR 1000 000000 VSW 3000 000000 SRT Auto Mode : 13 Plane : Y Polarization : Full-directivity Ant : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>4806.00</td><td>41.20</td><td>-32.80</td><td>74.00</td><td>57.94</td><td>34.84</td><td>10.24</td><td>61.82</td><td>300</td><td>300 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dB	cn	deg	1	4806.00	41.20	-32.80	74.00	57.94	34.84	10.24	61.82	300	300 Peak	VERTICAL
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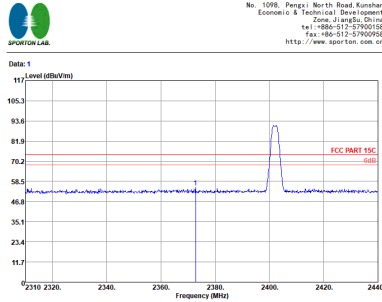
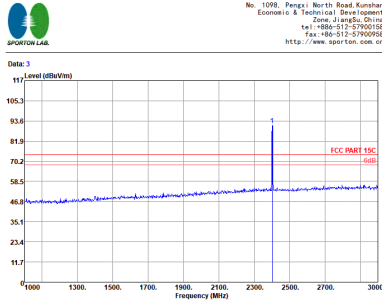
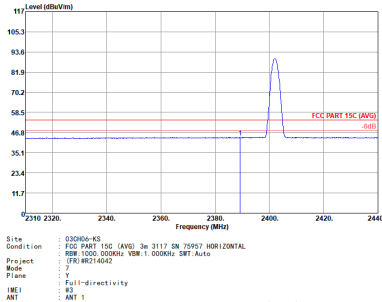
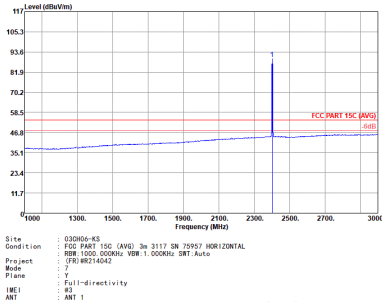
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MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	cm	deg																																																																																		
1	4878.00	40.98	-33.02	74.00	57.60	34.83	10.32	61.77	300 Peak	VERTICAL																																																																																
2	7320.00	42.70	-31.30	74.00	55.59	36.40	12.77	62.06	300 Peak	VERTICAL																																																																																



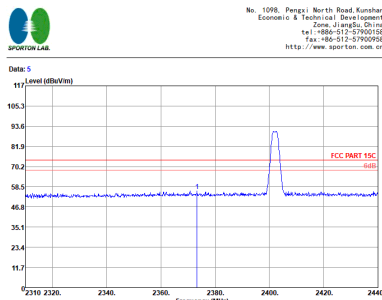
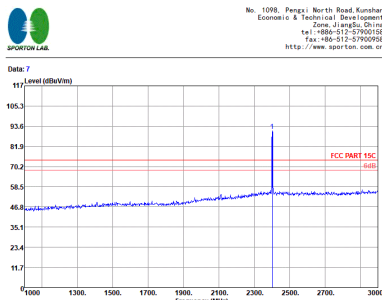
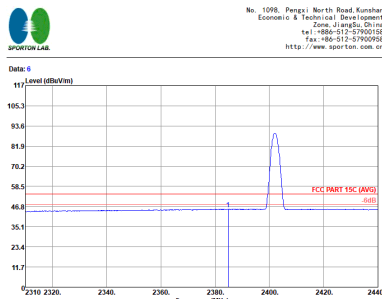
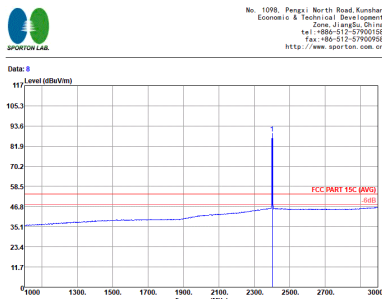
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																													
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Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-K5 Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : R8W 1000.000KHz VSW:3000.000KHz SMT:Auto RFI:R8T16042 Bode : 15 Plane : Y Full-directivity IME1 : Full-directivity ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>41.55</td><td>-32.45</td><td>74.00</td><td>57.69</td><td>35.14</td><td>10.43</td><td>61.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>44.52</td><td>-29.48</td><td>74.00</td><td>56.82</td><td>36.89</td><td>12.88</td><td>62.07</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	cm	deg			1	4962.00	41.55	-32.45	74.00	57.69	35.14	10.43	61.71	300	0 Peak	HORIZONTAL	2	7440.00	44.52	-29.48	74.00	56.82	36.89	12.88	62.07	300	0 Peak	HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-K5 Condition : FCC PART 15C 3m 3117 SN 70957 VERTICAL Project : R8W 1000.000KHz VSW:3000.000KHz SMT:Auto RFI:R8T16042 Bode : 15 Plane : Y Full-directivity IME1 : Full-directivity ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>42.22</td><td>-31.78</td><td>74.00</td><td>58.69</td><td>34.81</td><td>10.43</td><td>61.71</td><td>300</td><td>340 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>42.56</td><td>-31.44</td><td>74.00</td><td>55.28</td><td>36.47</td><td>12.88</td><td>62.07</td><td>300</td><td>340 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	cm	deg			1	4962.00	42.22	-31.78	74.00	58.69	34.81	10.43	61.71	300	340 Peak	VERTICAL	2	7440.00	42.56	-31.44	74.00	55.28	36.47	12.88	62.07	300	340 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																				
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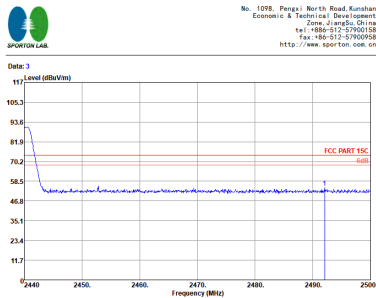
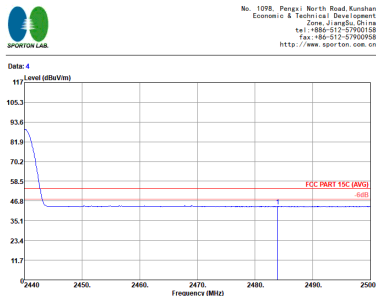
2.4GHz 2400~2483.5MHz---ANT 1
BLE 2Mbps (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																								
ANT	BLE 2Mbps CH00 2402MHz																																																								
1	Horizontal	Fundamental																																																							
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000KHz VSW 3000.000KHz SRT:Auto Mode : (FRI)R214042 Plane : 7 Full-directivity Ant : K3 Ant 1 : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th><th>deg</th></tr><tr><td>1</td><td>2372.79</td><td>55.00 -19.00</td><td>74.00</td><td>49.22</td><td>32.10</td><td>7.13</td><td>33.45</td><td>177 214 Peak</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000KHz VSW 3000.000KHz SRT:Auto Mode : (FRI)R214042 Plane : 7 Full-directivity Ant : K3 Ant 1 : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>91.25</td><td>85.34</td><td>32.20</td><td>7.16</td><td>33.44</td><td>177 214 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	deg	1	2372.79	55.00 -19.00	74.00	49.22	32.10	7.13	33.45	177 214 Peak	HORIZONTAL	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	deg	1	2402.00	91.25	85.34	32.20	7.16	33.44	177 214 Peak	HORIZONTAL	
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																	
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Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000KHz VSW 3000.000KHz SRT:Auto Mode : (FRI)R214042 Plane : 7 Full-directivity Ant : K3 Ant 1 : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th><th>deg</th></tr><tr><td>1</td><td>2389.17</td><td>44.00 -9.95</td><td>54.00</td><td>38.19</td><td>32.15</td><td>7.16</td><td>33.45</td><td>177 214 Average</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000KHz VSW 3000.000KHz SRT:Auto Mode : (FRI)R214042 Plane : 7 Full-directivity Ant : K3 Ant 1 : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>89.67</td><td>83.75</td><td>32.20</td><td>7.16</td><td>33.44</td><td>177 214 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	deg	1	2389.17	44.00 -9.95	54.00	38.19	32.15	7.16	33.45	177 214 Average	HORIZONTAL	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	deg	1	2402.00	89.67	83.75	32.20	7.16	33.44	177 214 Average	HORIZONTAL	
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																	
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1	2402.00	89.67	83.75	32.20	7.16	33.44	177 214 Average	HORIZONTAL																																																	



BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																		
ANT		BLE 2Mbps CH00 2402MHz																																																																		
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Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030H06-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Project : (FR) R8214042 Mode : 7 Plane : 7 Full-directivity ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>90.87</td><td>88.00</td><td>48.96</td><td>33.29</td><td>7.13</td><td>33.45</td><td>192</td><td>83 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	dB	cm	deg			1	2402.00	90.87	88.00	48.96	33.29	7.13	33.45	192	83 Peak	VERTICAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030H06-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Project : (FR) R8214042 Mode : 7 Plane : 7 Full-directivity ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>90.87</td><td>88.00</td><td>48.96</td><td>33.50</td><td>7.16</td><td>33.44</td><td>192</td><td>83 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	dB	cm	deg			1	2402.00	90.87	88.00	48.96	33.50	7.16	33.44	192	83 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
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Avg	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030H06-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 1.0000Hz, SMT: Auto Project : (FR) R8214042 Mode : 7 Plane : 7 Full-directivity ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>89.31</td><td>88.00</td><td>54.00</td><td>33.40</td><td>7.13</td><td>33.45</td><td>192</td><td>83 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	dB	cm	deg			1	2402.00	89.31	88.00	54.00	33.40	7.13	33.45	192	83 Average	VERTICAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030H06-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 1.0000Hz, SMT: Auto Project : (FR) R8214042 Mode : 7 Plane : 7 Full-directivity ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>89.31</td><td>88.00</td><td>54.09</td><td>33.50</td><td>7.16</td><td>33.44</td><td>192</td><td>83 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	dB	cm	deg			1	2402.00	89.31	88.00	54.09	33.50	7.16	33.44	192	83 Average	VERTICAL
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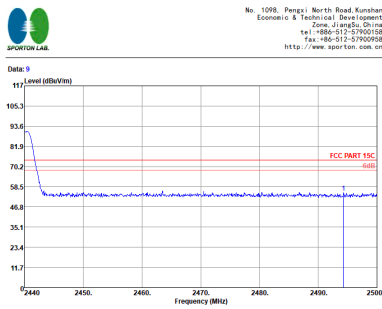
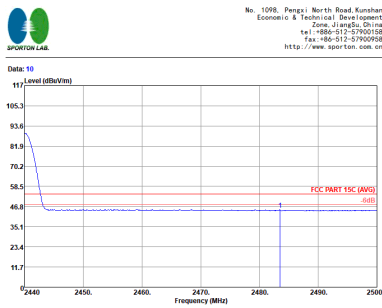


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																		
ANT	BLE 2Mbps CH19 2440MHz - R																																		
1	Horizontal	Fundamental																																	
Peak	 No. 109B, Pengzi North Road, Kunshan Economic & Technical Development Zone, JiangSu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030606-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RF01000.000000 VSW: 3000.000000 SRT: Auto Mode : S Plane : Full-directivity IMEI : R3 ANT : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2492.08</td><td>54.73</td><td>-19.27</td><td>74.00</td><td>49.15</td><td>31.70</td><td>7.30</td><td>33.42</td><td>211</td><td>226 Peak</td></tr></table> <td rowspan="2">Left blank</td>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2492.08	54.73	-19.27	74.00	49.15	31.70	7.30	33.42	211	226 Peak	Left blank
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 No. 109B, Pengzi North Road, Kunshan Economic & Technical Development Zone, JiangSu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030606-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RF01000.000000 VSW: 1.000000 SRT: Auto Mode : S Plane : Full-directivity IMEI : R3 ANT : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.92</td><td>43.76</td><td>-10.24</td><td>54.00</td><td>38.12</td><td>31.80</td><td>7.27</td><td>33.43</td><td>211</td><td>226 Average</td></tr></table> <td rowspan="2">Left blank</td>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2483.92	43.76	-10.24	54.00	38.12	31.80	7.27	33.43	211	226 Average	Left blank	
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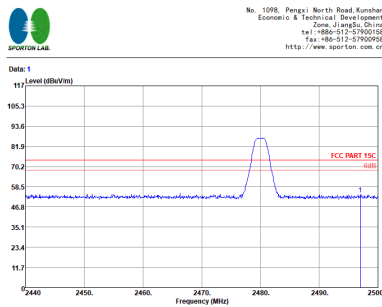
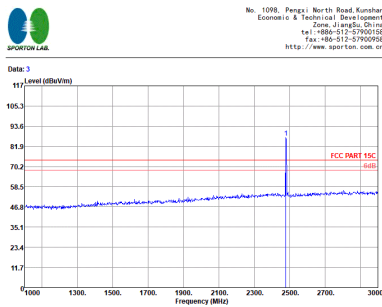
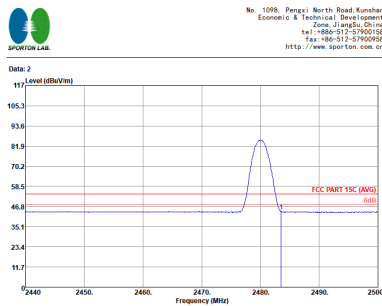
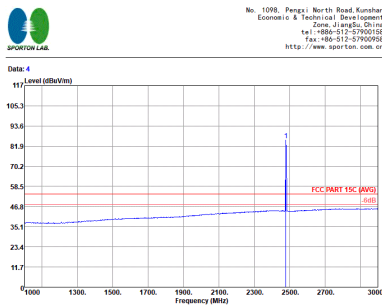


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																		
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Peak	No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RRM-1000.000MHz VSW:3000.000MHz SMT:Auto Model : (FR)MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2368.11</td><td>55.54</td><td>-18.46</td><td>74.00</td><td>48.81</td><td>33.08</td><td>7.10</td><td>33.45</td><td>179</td><td>94 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dBm/100Hz	dB	cm	deg			1	2368.11	55.54	-18.46	74.00	48.81	33.08	7.10	33.45	179	94 Peak VERTICAL	No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RRM-1000.000MHz VSW:3000.000MHz SMT:Auto Model : (FR)MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>90.82</td><td></td><td>83.91</td><td>33.11</td><td>7.23</td><td>33.43</td><td>179</td><td>94 Peak VERTICAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dBm/100Hz	dB	cm	deg			1	2440.00	90.82		83.91	33.11	7.23	33.43	179	94 Peak VERTICAL	
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Avg.	No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RRM-1000.000MHz VSW:1.000MHz SMT:Auto Model : (FR)MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2387.22</td><td>45.30</td><td>-8.70</td><td>54.00</td><td>38.09</td><td>33.50</td><td>7.16</td><td>33.45</td><td>179</td><td>94 Average VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dBm/100Hz	dB	cm	deg			1	2387.22	45.30	-8.70	54.00	38.09	33.50	7.16	33.45	179	94 Average VERTICAL	No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RRM-1000.000MHz VSW:1.000MHz SMT:Auto Model : (FR)MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 Antenna Factor : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>89.32</td><td></td><td>82.41</td><td>33.11</td><td>7.23</td><td>33.43</td><td>179</td><td>94 Average VERTICAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dBm/100Hz	dB	cm	deg			1	2440.00	89.32		82.41	33.11	7.23	33.43	179	94 Average VERTICAL	
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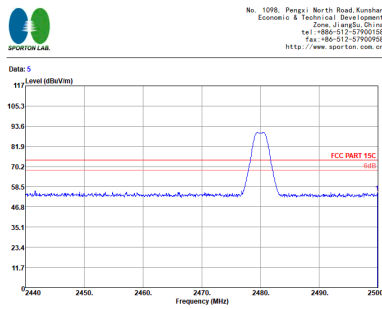
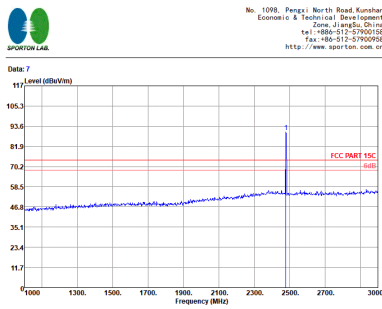
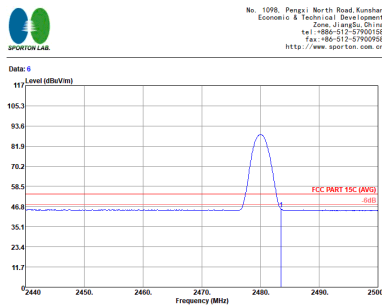
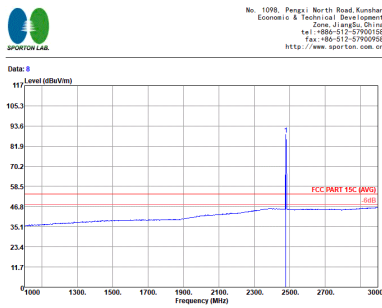


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																		
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Peak	 No. 1098, Pengzi North Road Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030106-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSW 1000, 000KHz, YBW 3000, 000KHz, SMT Auto Model : FRU18214042 Plane : 0 Polarization : Full-directivity IMEI : 861 ANT : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.30</td><td>55.17</td><td>-18.83</td><td>74.00</td><td>48.56</td><td>32.73</td><td>7.30</td><td>33.42</td><td>179</td><td>94 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	2440.30	55.17	-18.83	74.00	48.56	32.73	7.30	33.42	179	94 Peak	VERTICAL	Left blank
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Avg.	 No. 1098, Pengzi North Road Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030106-KS Condition : FCC PART 15C (Ave) 3m 3117 SN 75957 VERTICAL Project : RSW 1000, 000KHz, YBW 3000, 000KHz, SMT Auto Model : FRU18214042 Plane : 0 Polarization : Full-directivity IMEI : 861 ANT : ANT 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>44.87</td><td>-9.13</td><td>54.00</td><td>38.17</td><td>32.86</td><td>7.27</td><td>33.43</td><td>179</td><td>94 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	2483.50	44.87	-9.13	54.00	38.17	32.86	7.27	33.43	179	94 Average	VERTICAL	Left blank
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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000 0000Hz VSW:3000.0000Hz SMT:Auto Model : FRI-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2497.00</td><td>53.95</td><td>-20.05</td><td>74.00</td><td>48.37</td><td>31.70</td><td>7.30</td><td>33.42</td><td>122</td><td>217 Peak</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2497.00	53.95	-20.05	74.00	48.37	31.70	7.30	33.42	122	217 Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000 0000Hz VSW:3000.0000Hz SMT:Auto Model : FRI-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2480.00</td><td>86.90</td><td></td><td>81.26</td><td>31.80</td><td>7.27</td><td>33.43</td><td>122</td><td>217 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2480.00	86.90		81.26	31.80	7.27	33.43	122	217 Peak	HORIZONTAL
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Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000 0000Hz VSW:1.0000Hz SMT:Auto Model : FRI-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2483.50</td><td>43.92</td><td>-10.08</td><td>54.00</td><td>38.28</td><td>31.80</td><td>7.27</td><td>33.43</td><td>122</td><td>217 Average</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2483.50	43.92	-10.08	54.00	38.28	31.80	7.27	33.43	122	217 Average	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RBR-1000 0000Hz VSW:1.0000Hz SMT:Auto Model : FRI-MR214042 Plane : Y Polarization : Full-directivity Antenna : ANT 1 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>2480.00</td><td>85.34</td><td></td><td>79.70</td><td>31.80</td><td>7.27</td><td>33.43</td><td>122</td><td>217 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2480.00	85.34		79.70	31.80	7.27	33.43	122	217 Average	HORIZONTAL
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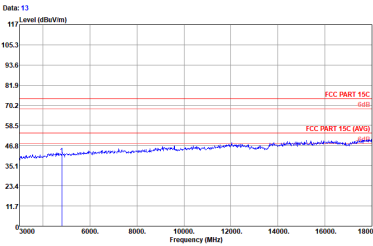
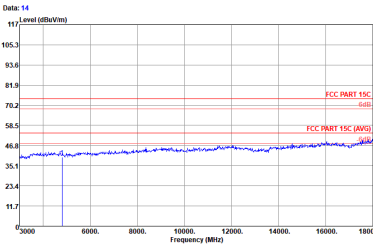


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																																			
ANT		BLE 2Mbps CH39 2480MHz																																																																																																																																			
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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Bode : 1 Plane : 1 Full-directivity IME1 : 1 ANT : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2489.88</td><td>54.97</td><td>-19.03</td><td>74.00</td><td>48.36</td><td>32.73</td><td>7.30</td><td>33.42</td><td>343</td><td>72 Peak VERTICAL</td></tr></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Bode : 1 Plane : 1 Full-directivity IME1 : 1 ANT : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.00</td><td>90.20</td><td></td><td>83.50</td><td>32.86</td><td>7.27</td><td>33.43</td><td>343</td><td>72 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1	2489.88	54.97	-19.03	74.00	48.36	32.73	7.30	33.42	343	72 Peak VERTICAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1	2480.00	90.20		83.50	32.86	7.27	33.43	343	72 Peak VERTICAL	Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Bode : 1 Plane : 1 Full-directivity IME1 : 1 ANT : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>45.40</td><td>-8.60</td><td>54.00</td><td>38.70</td><td>32.86</td><td>7.27</td><td>33.43</td><td>343</td><td>72 Average VERTICAL</td></tr></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : FR170813-01B Bode : 1 Plane : 1 Full-directivity IME1 : 1 ANT : 1 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.00</td><td>88.64</td><td></td><td>81.94</td><td>32.86</td><td>7.27</td><td>33.43</td><td>343</td><td>72 Average VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1	2483.50	45.40	-8.60	54.00	38.70	32.86	7.27	33.43	343	72 Average VERTICAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1	2480.00	88.64		81.94	32.86	7.27	33.43	343	72 Average VERTICAL
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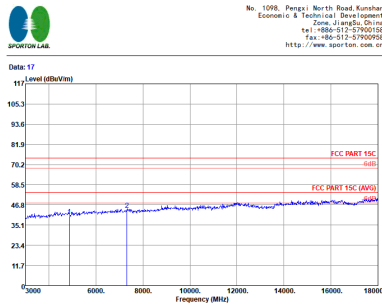
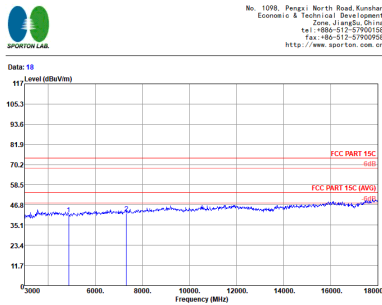


2.4GHz 2400~2483.5MHz---ANT 1

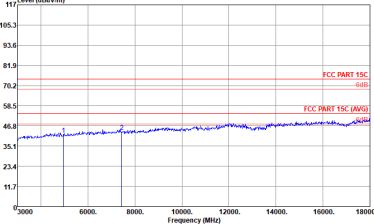
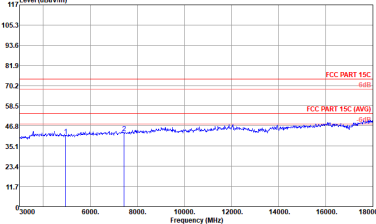
BLE 2Mbps (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																					
ANT	BLE 2Mbps CH00 2402MHz																																																																					
1	Horizontal	Vertical																																																																				
Peak Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 13  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSR 1000 000KHz VSW 3000 000KHz SRT Auto Mode : 7 Plane : 7 Full-directivity Ant : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>4806.00</td><td>41.55</td><td>-32.45</td><td>74.00</td><td>58.17</td><td>34.96</td><td>10.24</td><td>61.82</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cn	deg	1	4806.00	41.55	-32.45	74.00	58.17	34.96	10.24	61.82	300	0 Peak	HORIZONTAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 14  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSR 1000 000KHz VSW 3000 000KHz SRT Auto Mode : 7 Plane : 7 Full-directivity Ant : 83 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>4806.00</td><td>40.19</td><td>-33.81</td><td>74.00</td><td>56.93</td><td>34.84</td><td>10.24</td><td>61.82</td><td>300</td><td>300 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cn	deg	1	4806.00	40.19	-33.81	74.00	56.93	34.84	10.24	61.82	300	300 Peak	VERTICAL
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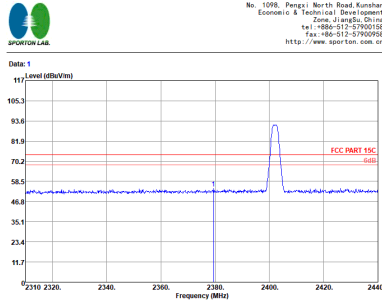
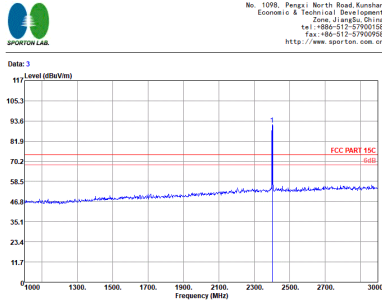
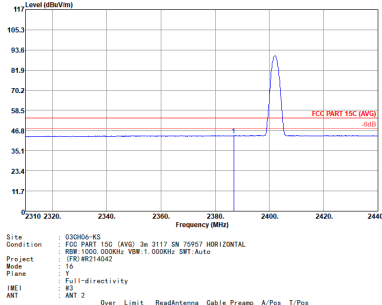
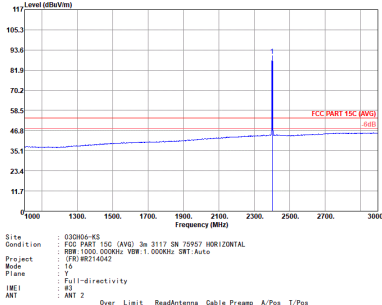


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																													
ANT	BLE 2Mbps CH39 2480MHz																																																																																													
1	Horizontal	Vertical																																																																																												
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 13  Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : R8W 1000.000KHz VSW:3000.000KHz SMT:Auto Probe : FREQ11642Z Plane : Y Polar : Full-directivity IME1 : 63 ANT : 82 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>41.87</td><td>-32.13</td><td>74.00</td><td>58.01</td><td>35.14</td><td>10.43</td><td>61.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.28</td><td>-30.72</td><td>74.00</td><td>55.58</td><td>36.89</td><td>12.88</td><td>62.07</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	cm	deg			1	4962.00	41.87	-32.13	74.00	58.01	35.14	10.43	61.71	300	0 Peak	HORIZONTAL	2	7440.00	43.28	-30.72	74.00	55.58	36.89	12.88	62.07	300	0 Peak	HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 14  Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 70957 VERTICAL Project : R8W 1000.000KHz VSW:3000.000KHz SMT:Auto Probe : FREQ11642Z Plane : Y Polar : Full-directivity IME1 : 63 ANT : 82 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>40.98</td><td>-33.02</td><td>74.00</td><td>57.45</td><td>34.81</td><td>10.43</td><td>61.71</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>42.76</td><td>-31.24</td><td>74.00</td><td>55.48</td><td>36.47</td><td>12.88</td><td>62.07</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	cm	deg			1	4962.00	40.98	-33.02	74.00	57.45	34.81	10.43	61.71	300	360 Peak	VERTICAL	2	7440.00	42.76	-31.24	74.00	55.48	36.47	12.88	62.07	300	360 Peak	VERTICAL
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2.4GHz 2400~2483.5MHz---ANT 2

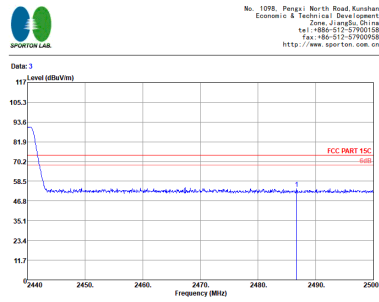
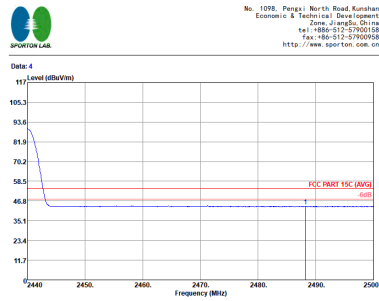
BLE 2Mbps (Band Edge @ 3m)

BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT		BLE 2Mbps CH00 2402MHz																																																											
2	Horizontal	Fundamental																																																											
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000000 VSW 3000.000000 SRT Auto Mode : (FRI)R214042 Plane : Y Full-directivity : Y IME1 : R3 ANT : ANT 2 <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2379.42</td><td>54.38</td><td>-19.62</td><td>74.00</td><td>48.60</td><td>32.10</td><td>7.13</td><td>33.45</td><td>180</td><td>217 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg		1	2379.42	54.38	-19.62	74.00	48.60	32.10	7.13	33.45	180	217 Peak	HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 032004-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000.000000 VSW 3000.000000 SRT Auto Mode : (FRI)R214042 Plane : Y Full-directivity : Y IME1 : R3 ANT : ANT 2 <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2402.00</td><td>91.67</td><td></td><td>85.75</td><td>32.20</td><td>7.16</td><td>33.44</td><td>180</td><td>217 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg		1	2402.00	91.67		85.75	32.20	7.16	33.44	180	217 Peak	HORIZONTAL
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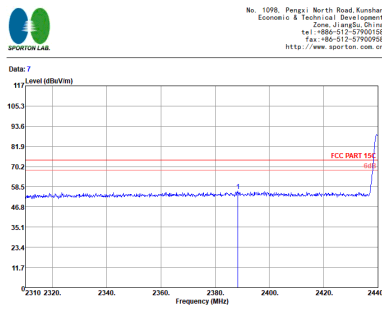
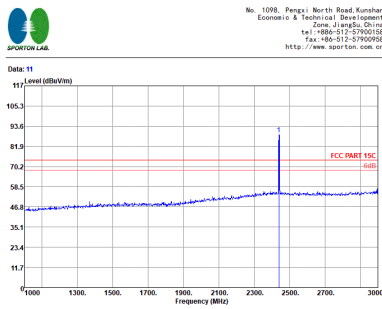
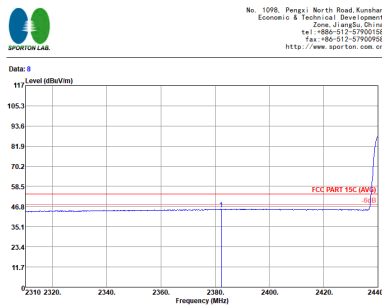
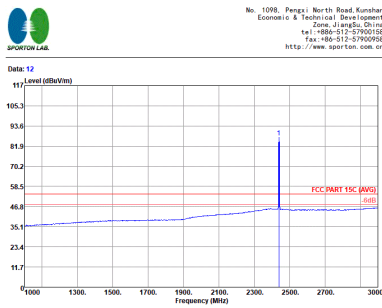


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Peak	No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R88-1000-0000Hz VBR-3000-0000Hz SRT-Auto Mode : (F)R8214042 Plane : 17 Full-directivity : 1 IMEI : K5 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2301.34</td><td>54.43</td><td>-19.57</td><td>74.00</td><td>48.76</td><td>32.05</td><td>7.07</td><td>33.45</td><td>154</td><td>213</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg		1	2301.34	54.43	-19.57	74.00	48.76	32.05	7.07	33.45	154	213	Peak	HORIZONTAL	No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R88-1000-0000Hz VBR-3000-0000Hz SRT-Auto Mode : (F)R8214042 Plane : 17 Full-directivity : 1 IMEI : K5 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2440.00</td><td>91.04</td><td></td><td>85.24</td><td>32.00</td><td>7.23</td><td>33.43</td><td>154</td><td>213</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg		1	2440.00	91.04		85.24	32.00	7.23	33.43	154	213	Peak	HORIZONTAL
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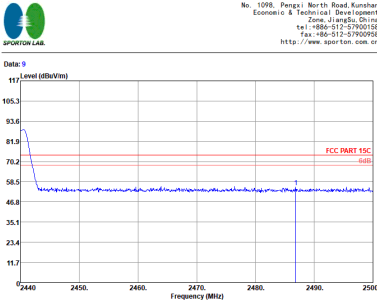
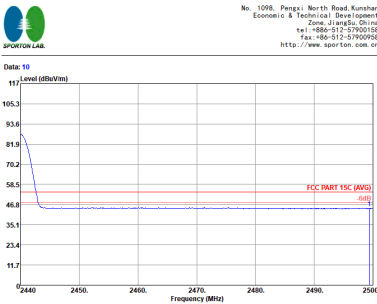


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Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030606-KS Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : RRM 1000.000000 YBW 3000.000000 SRT Auto Mode : 17 Plane : 1 Full-directivity : IMEI : R3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.68</td><td>54.26</td><td>-19.74</td><td>74.00</td><td>48.71</td><td>31.70</td><td>7.27</td><td>33.42</td><td>154</td><td>213 Peak</td></tr></table> Left blank	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg			1	2440.68	54.26	-19.74	74.00	48.71	31.70	7.27	33.42	154	213 Peak	Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030606-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 70957 HORIZONTAL Project : RRM 1000.000000 YBW 3000.000000 SRT Auto Mode : 17 Plane : 1 Full-directivity : IMEI : R3 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.18</td><td>43.70</td><td>-10.24</td><td>54.00</td><td>38.18</td><td>31.70</td><td>7.30</td><td>33.42</td><td>154</td><td>213 Average</td></tr></table> Left blank	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Poi/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg			1	2440.18	43.70	-10.24	54.00	38.18	31.70	7.30	33.42	154	213 Average
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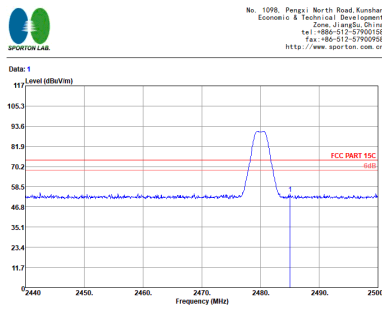
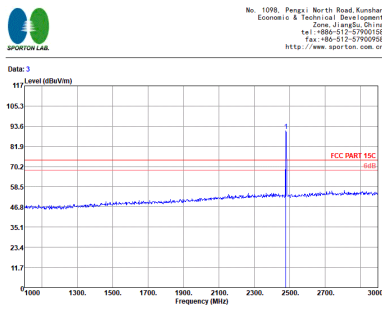
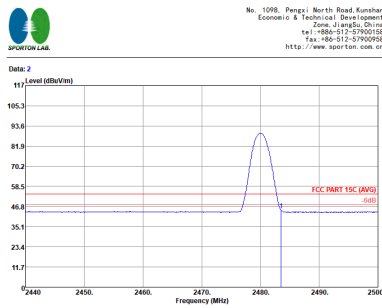
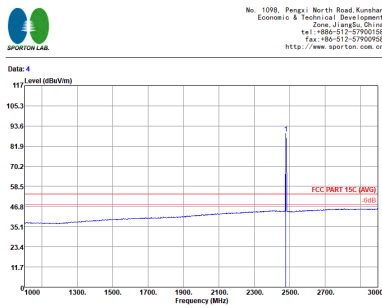


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT		BLE 2Mbps CH19 2440MHz - L																																																											
2	Vertical	Fundamental																																																											
Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : (FR)MR214042 Mode : 17 Plane : Y Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2388.39</td><td>56.17</td><td>-17.83</td><td>74.00</td><td>48.96</td><td>33.50</td><td>7.16</td><td>33.45</td><td>102</td><td>159 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dB	cm	deg			1	2388.39	56.17	-17.83	74.00	48.96	33.50	7.16	33.45	102	159 Peak	VERTICAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : (FR)MR214042 Mode : 17 Plane : Y Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>88.90</td><td></td><td>81.99</td><td>33.11</td><td>7.23</td><td>33.43</td><td>102</td><td>159 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dB	cm	deg			1	2440.00	88.90		81.99	33.11	7.23	33.43	102	159 Peak	VERTICAL
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																				
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Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : (FR)MR214042 Mode : 17 Plane : Y Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2382.28</td><td>45.28</td><td>-8.72</td><td>54.00</td><td>38.31</td><td>33.29</td><td>7.13</td><td>33.45</td><td>102</td><td>159 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dB	cm	deg			1	2382.28	45.28	-8.72	54.00	38.31	33.29	7.13	33.45	102	159 Average	VERTICAL	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : (FR)MR214042 Mode : 17 Plane : Y Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>87.16</td><td></td><td>80.25</td><td>33.11</td><td>7.23</td><td>33.43</td><td>102</td><td>159 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dB	cm	deg			1	2440.00	87.16		80.25	33.11	7.23	33.43	102	159 Average	VERTICAL
Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
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1	2382.28	45.28	-8.72	54.00	38.31	33.29	7.13	33.45	102	159 Average	VERTICAL																																																		
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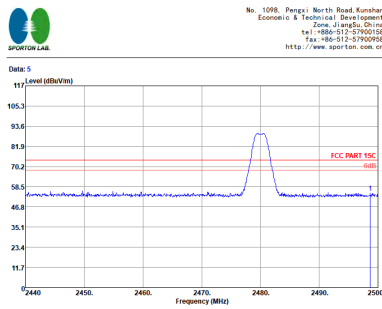
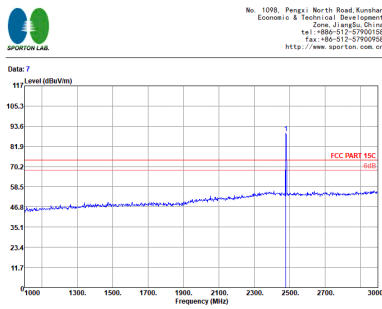
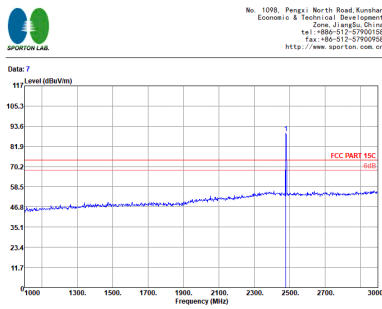
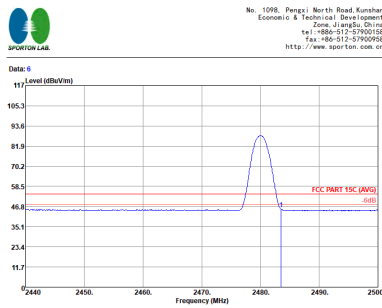
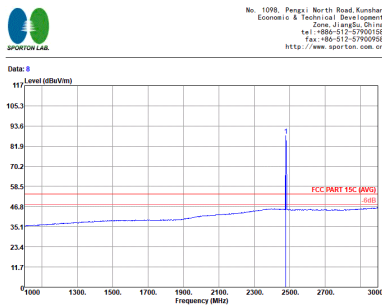
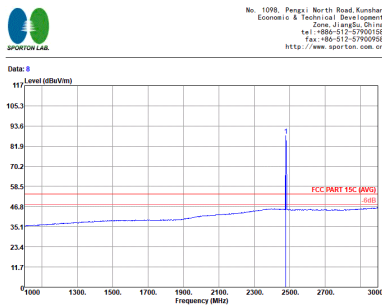


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																			
ANT	BLE 2Mbps CH19 2440MHz - R																																			
2	Vertical	Fundamental																																		
Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57600158 fax: +86-512-57600058 http://www.sporton.com.cn Site Condition : 030904-KS FCC PART 15C 3m 3117 SN 75957 VERTICAL RSM 1000.000MHz YBW 3000.000MHz SMT Auto Project : (FR)R214042 Model : 17 Plane : Y Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2486.86</td><td>55.47</td><td>-18.53</td><td>74.00</td><td>48.76</td><td>32.86</td><td>7.27</td><td>33.42</td><td>102</td><td>159 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	2486.86	55.47	-18.53	74.00	48.76	32.86	7.27	33.42	102	159 Peak	VERTICAL	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																												
1	2486.86	55.47	-18.53	74.00	48.76	32.86	7.27	33.42	102	159 Peak	VERTICAL																									
Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57600158 fax: +86-512-57600058 http://www.sporton.com.cn Site Condition : 030904-KS FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL RSM 1000.000MHz YBW 3.000MHz SMT Auto Project : (FR)R214042 Model : 17 Plane : Y Full-directivity IME1 : 83 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2499.40</td><td>44.74</td><td>-9.26</td><td>54.00</td><td>38.13</td><td>32.73</td><td>7.30</td><td>33.42</td><td>102</td><td>159 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	2499.40	44.74	-9.26	54.00	38.13	32.73	7.30	33.42	102	159 Average	VERTICAL	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																										
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BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																												
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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2485.04</td><td>54.40</td><td>-19.60</td><td>74.00</td><td>48.76</td><td>31.80</td><td>7.27</td><td>33.43</td><td>161</td><td>220 Peak</td></tr></table> HORIZONTAL  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>90.94</td><td></td><td>85.30</td><td>31.80</td><td>7.27</td><td>33.43</td><td>161</td><td>220 Peak</td></tr></table> HORIZONTAL	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cm	deg	1	2485.04	54.40	-19.60	74.00	48.76	31.80	7.27	33.43	161	220 Peak	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cm	deg	1	2480.00	90.94		85.30	31.80	7.27	33.43	161	220 Peak	Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 1.0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>44.72</td><td>-9.28</td><td>54.00</td><td>39.08</td><td>31.80</td><td>7.27</td><td>33.43</td><td>161</td><td>220 Average</td></tr></table> HORIZONTAL  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : R8B-1000, 0000Hz, VSW: 1.0000Hz, SMT: Auto Bode : (FR) R821A042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>89.40</td><td></td><td>83.76</td><td>31.80</td><td>7.27</td><td>33.43</td><td>161</td><td>220 Average</td></tr></table> HORIZONTAL	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cm	deg	1	2483.50	44.72	-9.28	54.00	39.08	31.80	7.27	33.43	161	220 Average	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dB	dB	dB	dB	cm	deg	1	2480.00	89.40		83.76	31.80	7.27	33.43	161	220 Average
	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																			
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1	2483.50	44.72	-9.28	54.00	39.08	31.80	7.27	33.43	161	220 Average																																																																																																																			
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1	2480.00	89.40		83.76	31.80	7.27	33.43	161	220 Average																																																																																																																				

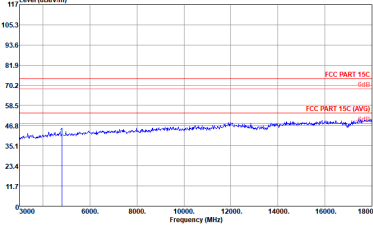
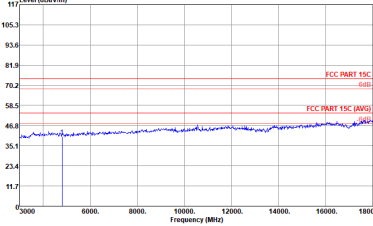


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																						
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Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R8214042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>cm</th><th>deg</th></tr><tr><td>1 2480.00</td><td>89.57</td><td>81.9</td><td>32.86</td><td>7.27</td><td>33.43</td><td>394</td><td>102</td><td>Peak</td></tr></table> <td>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R8214042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>cm</th><th>deg</th></tr><tr><td>1 2480.00</td><td>89.57</td><td>81.9</td><td>32.86</td><td>7.27</td><td>33.43</td><td>394</td><td>102</td><td>Peak</td></tr></table> </td>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/10m	dBm/10m	dBm/10m	dBm/10m	dBm/10m	dBm/10m	cm	deg	1 2480.00	89.57	81.9	32.86	7.27	33.43	394	102	Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT: Auto Bode : (FR) R8214042 Plane : Y Polar : Full-directivity IME1 : ANT 2 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>dBm/10m</th><th>cm</th><th>deg</th></tr><tr><td>1 2480.00</td><td>89.57</td><td>81.9</td><td>32.86</td><td>7.27</td><td>33.43</td><td>394</td><td>102</td><td>Peak</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/10m	dBm/10m	dBm/10m	dBm/10m	dBm/10m	dBm/10m	cm	deg	1 2480.00	89.57	81.9	32.86	7.27	33.43	394	102	Peak
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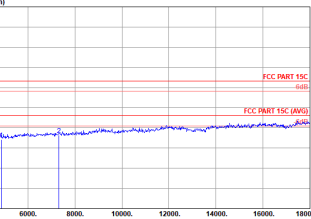
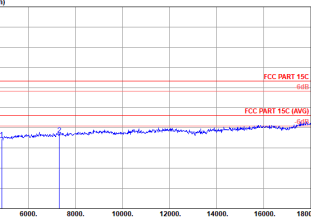


2.4GHz 2400~2483.5MHz---ANT 2

BLE 2Mbps (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																
ANT	BLE 2Mbps CH00 2402MHz																																																																
2	Horizontal	Vertical																																																															
Peak Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 13  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000000 VSW 3000 000000 SRT Auto Mode : 16 Plane : Y Polar : Full-directivity Ant : 83 <table><tr><th>Ant</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>4806.00</td><td>41.37</td><td>-32.63</td><td>74.00</td><td>57.99</td><td>34.96</td><td>10.24</td><td>61.82</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Data: 14  Site : 032006-K3 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000000 VSW 3000 000000 SRT Auto Mode : 16 Plane : Y Polar : Full-directivity Ant : 83 <table><tr><th>Ant</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>4806.00</td><td>40.26</td><td>-33.74</td><td>74.00</td><td>57.00</td><td>34.84</td><td>10.24</td><td>61.82</td><td>300</td><td>300 Peak</td><td>VERTICAL</td></tr></table>	Ant	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	1	4806.00	41.37	-32.63	74.00	57.99	34.96	10.24	61.82	300	0 Peak	HORIZONTAL	Ant	Over	Limit	ReadAntenna	Cable	Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	1	4806.00	40.26	-33.74	74.00	57.00	34.84	10.24	61.82	300	300 Peak	VERTICAL
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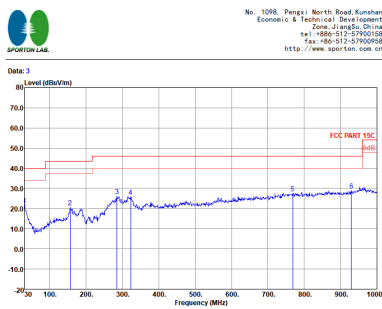
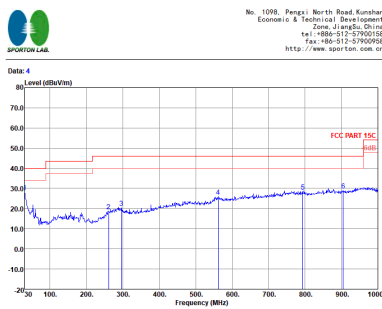
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																								
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Peak Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57902158 Fax: +86-512-57902958 http://www.sporton.com.cn Data: 17  Site : 030806-KS Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : R88-1000 0000Hz VSW:3000.0000Hz SMT:Auto Bode : 17 Plane : 1 IME1 : Full-directivity ANT : 82 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 4878.00</td><td>40.70</td><td>-33.80</td><td>74.00</td><td>56.61</td><td>35.04</td><td>10.32</td><td>61.77</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 7320.00</td><td>42.84</td><td>-31.16</td><td>74.00</td><td>55.27</td><td>36.86</td><td>12.77</td><td>62.06</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57902158 Fax: +86-512-57902958 http://www.sporton.com.cn Data: 18  Site : 030806-KS Condition : FCC PART 15C 3m 3117 SN 70957 VERTICAL Project : R88-1000 0000Hz VSW:3000.0000Hz SMT:Auto Bode : 17 Plane : 1 IME1 : Full-directivity ANT : 82 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 4878.00</td><td>40.47</td><td>-33.53</td><td>74.00</td><td>57.09</td><td>34.83</td><td>10.32</td><td>61.77</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2 7320.00</td><td>42.92</td><td>-31.08</td><td>74.00</td><td>55.81</td><td>36.40</td><td>12.77</td><td>62.06</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100m	dB	dBm/100m	dBm	dB	dB	dB	dB	deg		1 4878.00	40.70	-33.80	74.00	56.61	35.04	10.32	61.77	300	0 Peak	HORIZONTAL	2 7320.00	42.84	-31.16	74.00	55.27	36.86	12.77	62.06	300	0 Peak	HORIZONTAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100m	dB	dBm/100m	dBm	dB	dB	dB	dB	deg		1 4878.00	40.47	-33.53	74.00	57.09	34.83	10.32	61.77	300	360 Peak	VERTICAL	2 7320.00	42.92	-31.08	74.00	55.81	36.40	12.77	62.06	300	360 Peak	VERTICAL
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2	Horizontal	Vertical																																																																																											
Peak	No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900058 http://www.sporton.com.cn Date: 13 Site : 030806-KS Condition : FCC PART 15C 3m 3117 SN 70957 HORIZONTAL Project : R8W 1000.000MHz VSW:3000.000MHz SMT:Auto Model : 18 Plane : Y Polar : Full-directivity IME1 : 63 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>40.86</td><td>-33.14</td><td>74.00</td><td>57.00</td><td>35.14</td><td>10.43</td><td>61.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.47</td><td>-30.53</td><td>74.00</td><td>55.77</td><td>36.89</td><td>12.88</td><td>62.07</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table> No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900058 http://www.sporton.com.cn Date: 14 Site : 030806-KS Condition : FCC PART 15C 3m 3117 SN 70957 VERTICAL Project : R8W 1000.000MHz VSW:3000.000MHz SMT:Auto Model : 18 Plane : Y Polar : Full-directivity IME1 : 63 ANT : ANT 2 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4962.00</td><td>40.98</td><td>-33.02</td><td>74.00</td><td>57.45</td><td>34.81</td><td>10.43</td><td>61.71</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.48</td><td>-30.52</td><td>74.00</td><td>56.20</td><td>36.47</td><td>12.88</td><td>62.07</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100Hz	dB	dBm/100Hz	dB	dB	dB	cm	deg			1	4962.00	40.86	-33.14	74.00	57.00	35.14	10.43	61.71	300	0 Peak	HORIZONTAL	2	7440.00	43.47	-30.53	74.00	55.77	36.89	12.88	62.07	300	0 Peak	HORIZONTAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100Hz	dB	dBm/100Hz	dB	dB	dB	cm	deg			1	4962.00	40.98	-33.02	74.00	57.45	34.81	10.43	61.71	300	360 Peak	VERTICAL	2	7440.00	43.48	-30.52	74.00	56.20	36.47	12.88	62.07	300	360 Peak	VERTICAL
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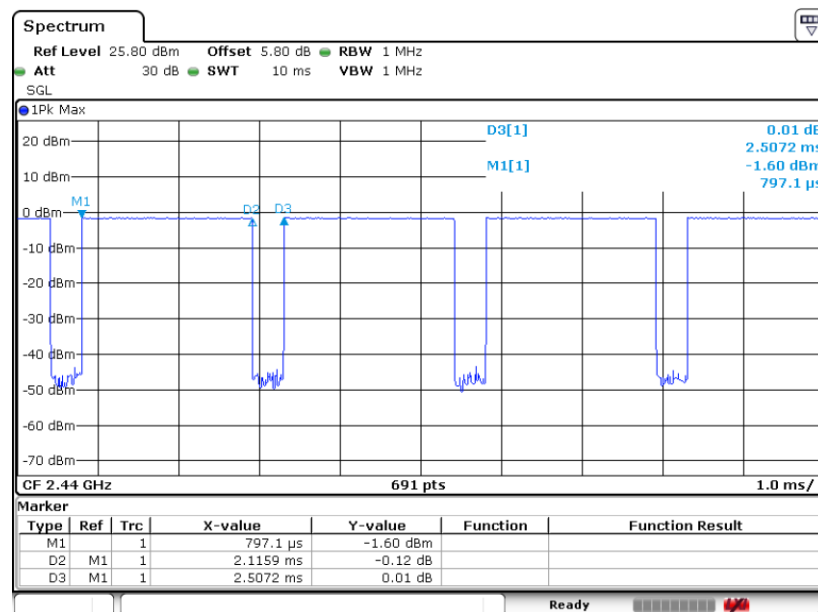
Emission below 1GHz
2.4GHz BLE 2Mbps (LF)

BLE	2.4GHz 2400~2483.5MHz																																																																																																																																																													
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1	Horizontal	Vertical																																																																																																																																																												
QP / Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn SPORTON LAB. Date: 3 Site : 030602-KS Condition : FCC PART 15C 3m CBLA1120 SMC3182 HORIZONT Project : RSW 100.000KHz VSW 300.000KHz SRT Auto Mode : 0 Plane : 1 Full-directivity : 1 IME1 : 83 <table><tr><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.00</td><td>21.90</td><td>-18.10</td><td>40.00</td><td>27.95</td><td>24.60</td><td>0.58</td><td>31.23</td><td>--- Peak HORIZONT</td></tr><tr><td>2</td><td>156.10</td><td>20.44</td><td>-22.86</td><td>40.00</td><td>33.75</td><td>16.20</td><td>2.01</td><td>31.32</td><td>--- Peak HORIZONT</td></tr><tr><td>3</td><td>282.11</td><td>26.12</td><td>-19.88</td><td>40.00</td><td>35.58</td><td>19.27</td><td>2.73</td><td>31.56</td><td>--- Peak HORIZONT</td></tr><tr><td>4</td><td>322.86</td><td>25.88</td><td>-20.12</td><td>40.00</td><td>34.84</td><td>19.77</td><td>2.79</td><td>31.64</td><td>--- Peak HORIZONT</td></tr><tr><td>5</td><td>768.17</td><td>27.55</td><td>-18.45</td><td>40.00</td><td>28.45</td><td>25.74</td><td>4.51</td><td>31.15</td><td>--- Peak HORIZONT</td></tr><tr><td>6</td><td>929.19</td><td>29.13</td><td>-16.87</td><td>40.00</td><td>28.00</td><td>26.82</td><td>4.97</td><td>30.66</td><td>--- Peak HORIZONT</td></tr></table>	Line	Level	Factor	Loss	Factor	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg		1	30.00	21.90	-18.10	40.00	27.95	24.60	0.58	31.23	--- Peak HORIZONT	2	156.10	20.44	-22.86	40.00	33.75	16.20	2.01	31.32	--- Peak HORIZONT	3	282.11	26.12	-19.88	40.00	35.58	19.27	2.73	31.56	--- Peak HORIZONT	4	322.86	25.88	-20.12	40.00	34.84	19.77	2.79	31.64	--- Peak HORIZONT	5	768.17	27.55	-18.45	40.00	28.45	25.74	4.51	31.15	--- Peak HORIZONT	6	929.19	29.13	-16.87	40.00	28.00	26.82	4.97	30.66	--- Peak HORIZONT	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sporton.com.cn SPORTON LAB. Date: 4 Site : 030602-KS Condition : FCC PART 15C 3m CBLA1120 SMC3182 VERTICAL Project : RSW 100.000KHz VSW 300.000KHz SRT Auto Mode : 0 Plane : 1 Full-directivity : 1 IME1 : 83 <table><tr><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.00</td><td>28.12</td><td>-11.88</td><td>40.00</td><td>34.17</td><td>24.60</td><td>0.58</td><td>31.23</td><td>--- Peak VERTICAL</td></tr><tr><td>2</td><td>260.86</td><td>18.47</td><td>-27.33</td><td>40.00</td><td>27.88</td><td>19.20</td><td>2.01</td><td>31.42</td><td>--- Peak VERTICAL</td></tr><tr><td>3</td><td>296.75</td><td>20.47</td><td>-25.53</td><td>40.00</td><td>29.99</td><td>19.31</td><td>2.79</td><td>31.62</td><td>--- Peak VERTICAL</td></tr><tr><td>4</td><td>561.56</td><td>25.97</td><td>-25.08</td><td>40.00</td><td>28.10</td><td>24.92</td><td>3.85</td><td>31.56</td><td>--- Peak VERTICAL</td></tr><tr><td>5</td><td>793.09</td><td>28.50</td><td>-17.44</td><td>40.00</td><td>29.40</td><td>25.79</td><td>4.58</td><td>31.21</td><td>--- Peak VERTICAL</td></tr><tr><td>6</td><td>1054.14</td><td>29.10</td><td>-16.90</td><td>40.00</td><td>28.50</td><td>26.72</td><td>4.90</td><td>31.07</td><td>--- Peak VERTICAL</td></tr></table>	Line	Level	Factor	Loss	Factor	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg		1	30.00	28.12	-11.88	40.00	34.17	24.60	0.58	31.23	--- Peak VERTICAL	2	260.86	18.47	-27.33	40.00	27.88	19.20	2.01	31.42	--- Peak VERTICAL	3	296.75	20.47	-25.53	40.00	29.99	19.31	2.79	31.62	--- Peak VERTICAL	4	561.56	25.97	-25.08	40.00	28.10	24.92	3.85	31.56	--- Peak VERTICAL	5	793.09	28.50	-17.44	40.00	29.40	25.79	4.58	31.21	--- Peak VERTICAL	6	1054.14	29.10	-16.90	40.00	28.50	26.72	4.90	31.07	--- Peak VERTICAL
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Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
Bluetooth LE 1Mbps	84.39	2.116	0.473	0.51KHz
Bluetooth LE 2Mbps	56.59	1.058	0.945	1KHz

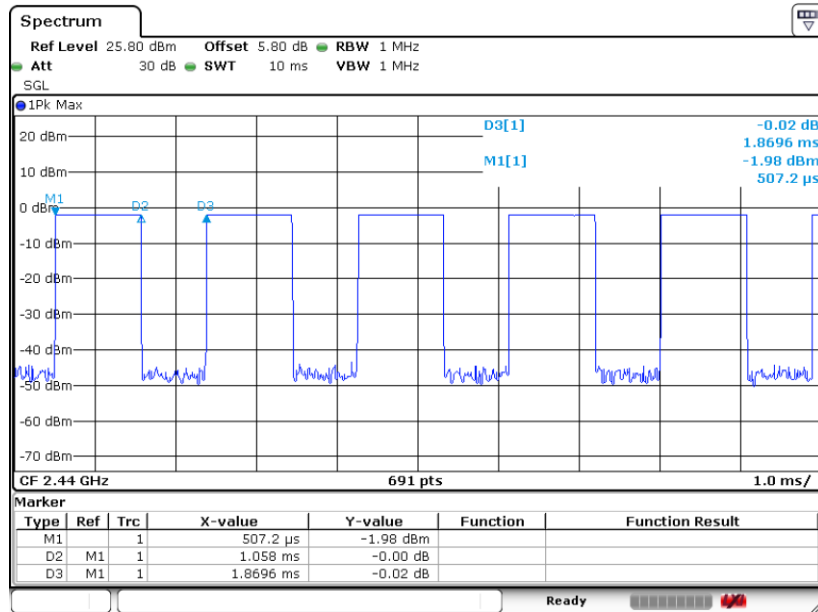
Bluetooth LE 1Mbps



Date: 8.OCT.2021 20:05:33



Bluetooth LE 2Mbps



Date: 8.OCT.2021 20:08:45