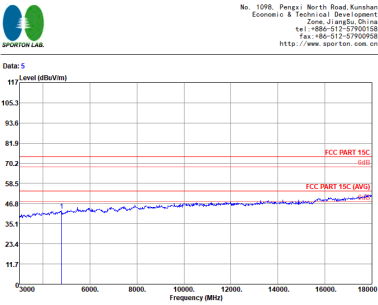
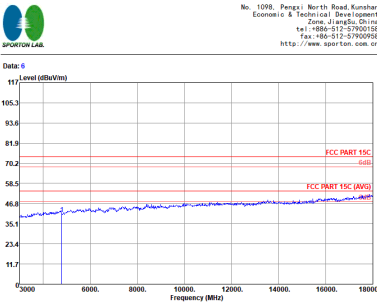




BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH78 2480MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL RBM: 1000.000MHz YBR: 1000.000MHz SRT: Auto Project : FR102106-01 Mode : #12 EIF-BASE1 MEI : # Plane : # Full-directivity Over Limit ReadAttenua Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor dB dB/m dB cm deg Remark Pol/Phas 1 2489.14 54.31 -19.69 74.00 48.48 31.17 7.30 32.64 358 227 Peak VERTICAL</p>	<p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL RBM: 1000.000MHz YBR: 1000.000MHz SRT: Auto Project : FR102106-01 Mode : #12 EIF-BASE1 MEI : # Plane : # Full-directivity Over Limit ReadAttenua Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor dB dB/m dB dB cm deg Remark Pol/Phas 1 * 2480.00 100.51 26.51 74.00 94.75 31.13 7.27 32.64 358 227 Peak VERTICAL</p>



2.4GHz 2400~2483.5MHz  
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
1	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 030904-KS Condition : FCC PART 15C 3m 3117 SW 00218642 HORIZONTAL Project : RSM 1000 0000Hz YSR 1000 0000Hz SRT Auto Model : FRU102106-01 Mode : #12 EIF-BASE1 Plane : X Full-directivity Freq Level Over Limit RadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV/m dB dB dB cn deg 1 4800.00 42.71 -31.29 74.00 58.00 34.51 10.24 60.04 300 0 Peak HORIZONTAL</p>	 <p>Site : 030904-KS Condition : FCC PART 15C 3m 3117 SW 00218642 VERTICAL Project : RSM 1000 0000Hz YSR 1000 0000Hz SRT Auto Model : FRU102106-01 Mode : #12 EIF-BASE1 Plane : X Full-directivity Freq Level Over Limit RadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV/m dB dB dB cn deg 1 4800.00 40.68 -33.32 74.00 55.97 34.51 10.24 60.04 100 0 Peak VERTICAL</p>



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																									
ANT	BT CH39 2441MHz																																																																																									
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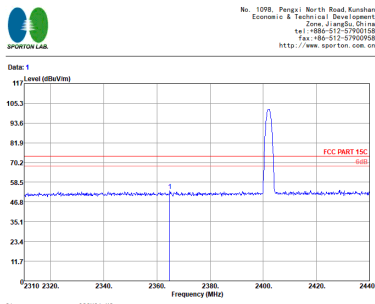
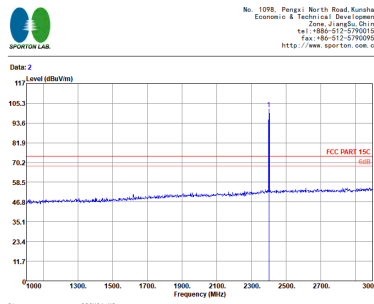


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
1	Horizontal	Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	<p>Site : 03090A-KS            Condition : FCC PART 15C 3m 3117 SW 00218642 HORIZONTAL            Project : RRM 1000 000KHz YBR:1000 000KHz SRT:Auto            Mode : FR1 102106-01            MEI : #12 EIF-BASE1            Plane : 2            Full-directivity            Over Limit ResultRemarks Cable Preamp A/Pos T/Pos Remark Pol/Phas            Freq Level Limit Line Level Factor Loss Factor dB cm deg            1 4960.00 43.00 -30.50 74.00 58.27 34.81 10.43 60.01 300 0 Peak HORIZONTAL            2 7440.00 46.00 -28.98 74.00 56.09 36.39 12.88 60.54 300 0 Peak HORIZONTAL</p>	<p>Site : 03090A-KS            Condition : FCC PART 15C 3m 3117 SW 00218642 VERTICAL            Project : RRM 1000 000KHz YBR:1000 000KHz SRT:Auto            Mode : FR1 102106-01            MEI : #12 EIF-BASE1            Plane : 2            Full-directivity            Over Limit ResultRemarks Cable Preamp A/Pos T/Pos Remark Pol/Phas            Freq Level Limit Line Level Factor Loss Factor dB cm deg            1 4960.00 41.94 -32.06 74.00 56.71 34.81 10.43 60.01 100 0 Peak VERTICAL            2 7440.00 44.62 -29.38 74.00 55.69 36.39 12.88 60.54 100 0 Peak VERTICAL</p>

Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.



2.4GHz 2400~2483.5MHz  
BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																			
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BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
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Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.



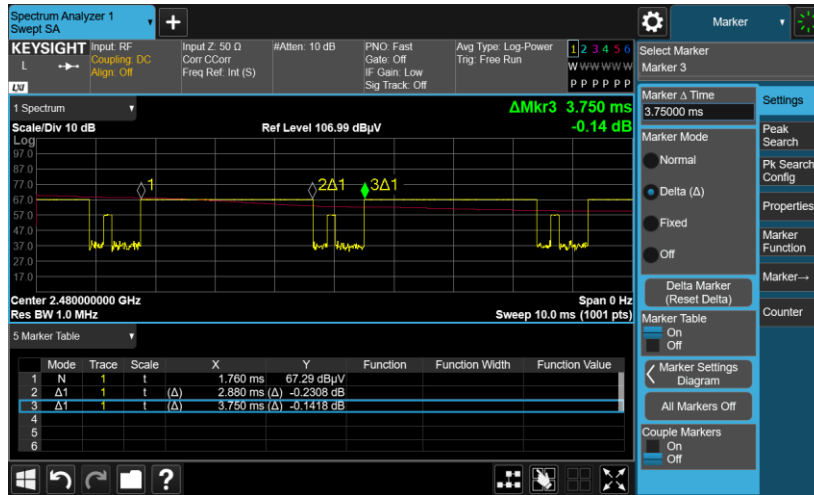
Emission below 1GHz  
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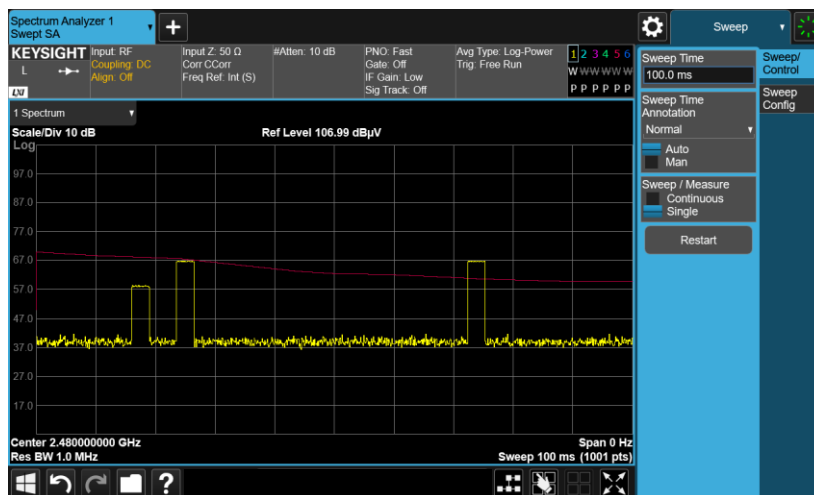


# Appendix E. Duty Cycle Plots

## DH5 on time (One Pulse) Plot on Channel 78



## DH5 on time (Count Pulses) Plot on Channel 78



**Note:**

1. Worst case Duty cycle = on time/100 milliseconds =  $2 * 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor =  $20 * \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. DH5 has the highest duty cycle worst case and is reported.