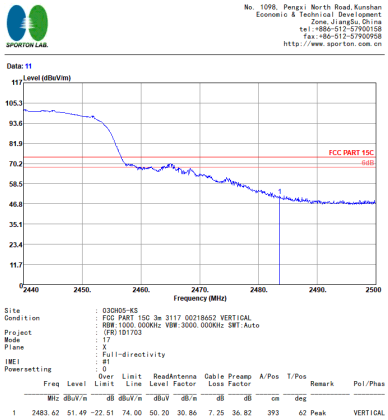
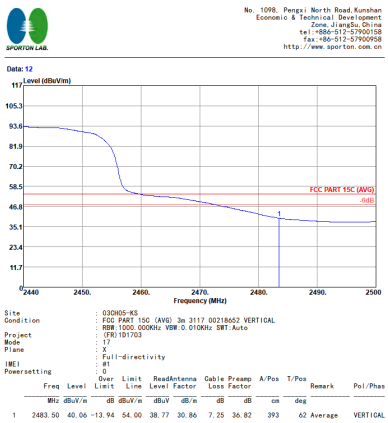
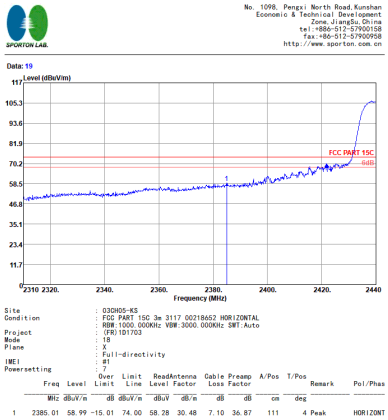
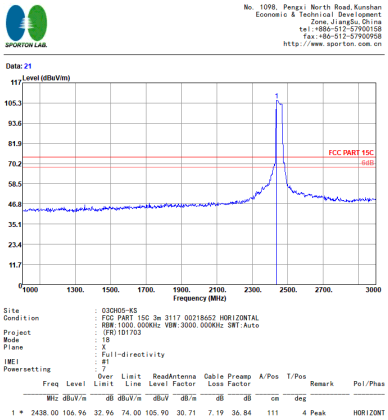
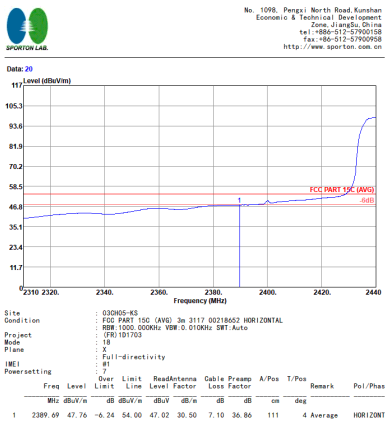
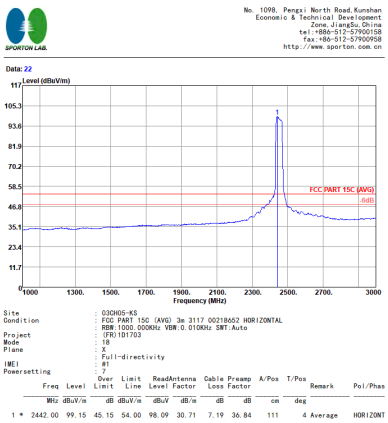
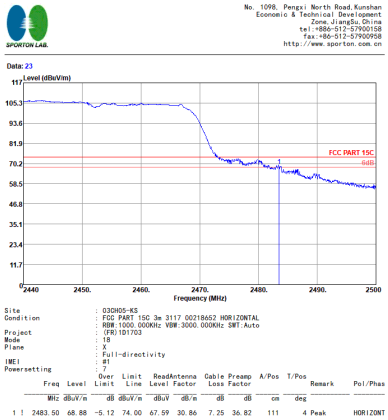
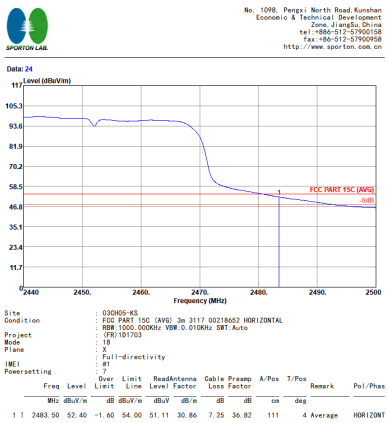
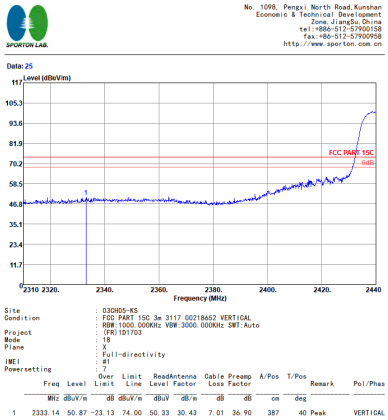
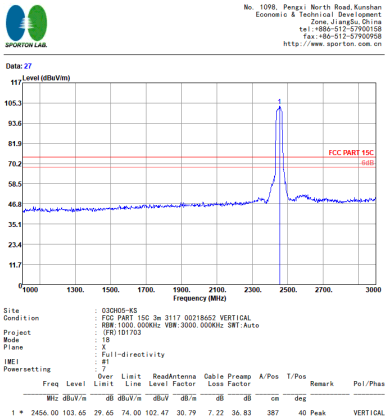
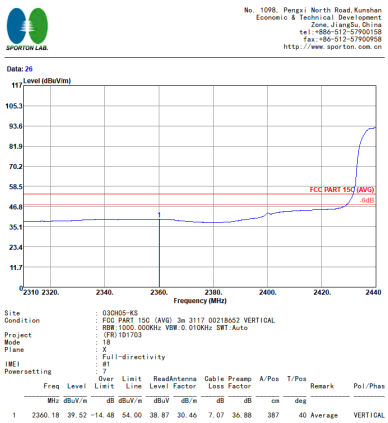
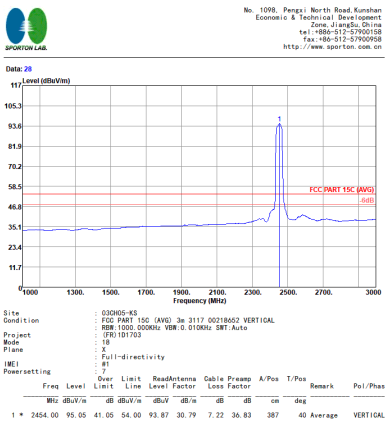
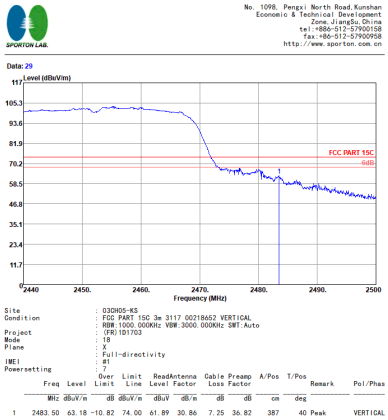
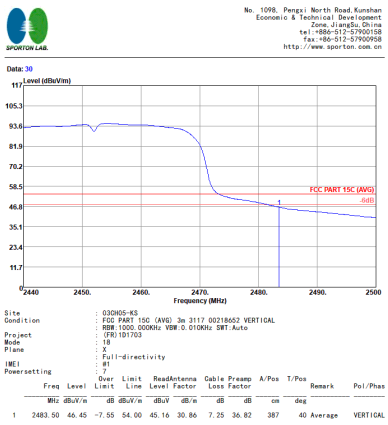
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

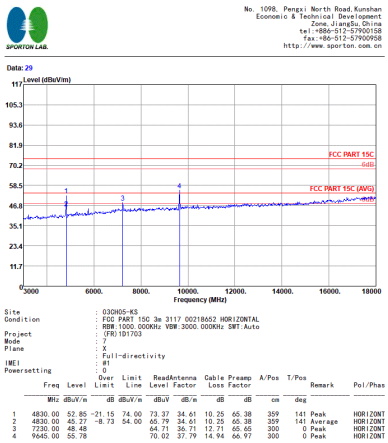
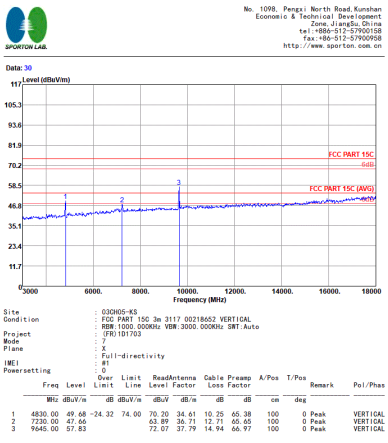
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

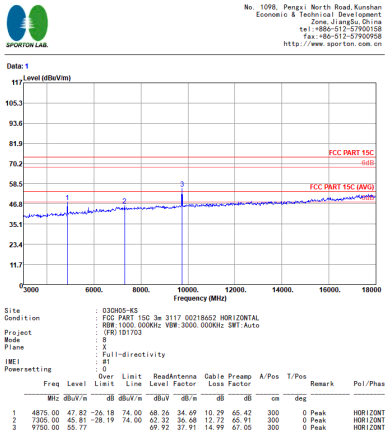
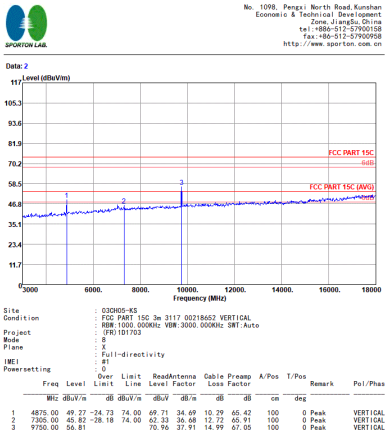
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

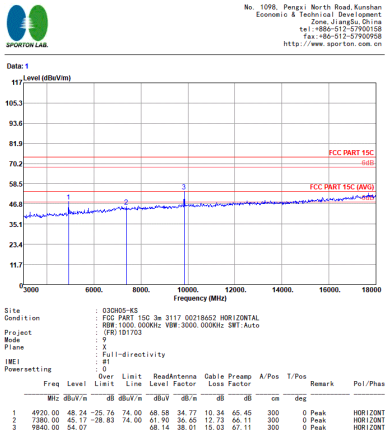
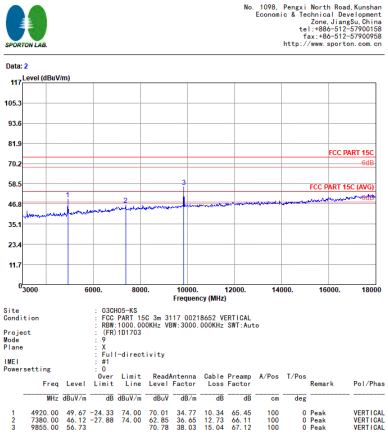
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

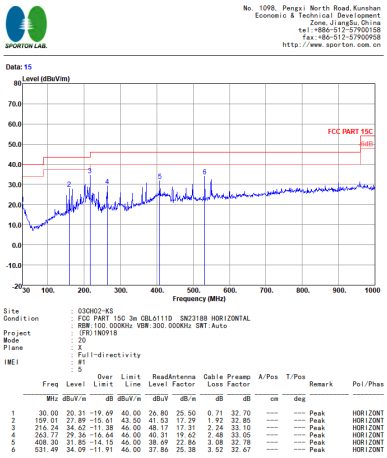
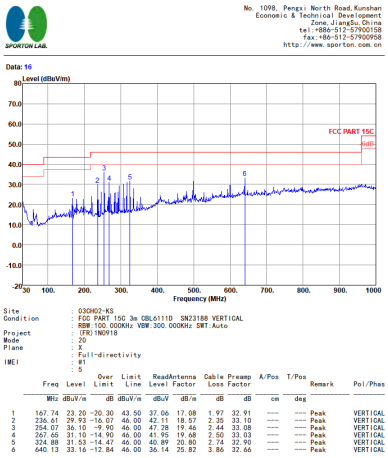
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 1 Level (dBuV/m) FCC PART 15C 6dB FCC PART 15C (AVG) Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D1703 Mode : 8 Plane : X : Full-directivity IMEI : #1 Powersetting : 0 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4875.00 47.82 -26.18 74.00 68.26 34.69 10.29 65.42 300 0 Peak HORIZONT 2 7305.00 45.81 -28.19 74.00 62.32 36.68 12.72 65.91 300 0 Peak HORIZONT 3 9750.00 55.77 69.92 37.91 14.99 67.05 300 0 Peak HORIZONT	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 2 Level (dBuV/m) FCC PART 15C 6dB FCC PART 15C (AVG) Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D1703 Mode : 8 Plane : X : Full-directivity IMEI : #1 Powersetting : 0 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4875.00 49.27 -24.73 74.00 69.71 34.69 10.29 65.42 100 0 Peak VERTICAL 2 7305.00 45.82 -28.18 74.00 62.33 36.68 12.72 65.91 100 0 Peak VERTICAL 3 9750.00 56.81 70.96 37.91 14.99 67.05 100 0 Peak VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
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: 1 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 FCC PART 15C 6dB FCC PART 15C (AVG) -6dB 3000 6000. 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D1703 Mode : 9 Plane : X : Full-directivity IMEI : #1 Powersetting : 0 Freq Level Over Limit Limit Line Read Level Antenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4920.00 48.24 -25.76 74.00 68.58 34.77 10.34 65.45 300 0 Peak HORIZONT 2 7380.00 45.17 -28.83 74.00 61.90 36.65 12.73 66.11 300 0 Peak HORIZONT 3 9840.00 54.07 68.14 38.01 15.03 67.11 300 0 Peak HORIZONT	 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: 2 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 FCC PART 15C 6dB FCC PART 15C (AVG) -6dB 3000 6000. 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D1703 Mode : 9 Plane : X : Full-directivity IMEI : #1 Powersetting : 0 Freq Level Over Limit Limit Line Read Level Antenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4920.00 49.67 -24.33 74.00 70.01 34.77 10.34 65.45 100 0 Peak VERTICAL 2 7380.00 46.12 -27.88 74.00 62.85 36.65 12.73 66.11 100 0 Peak VERTICAL 3 9855.00 56.73 70.78 38.03 15.04 67.12 100 0 Peak VERTICAL

Emission below 1GHz

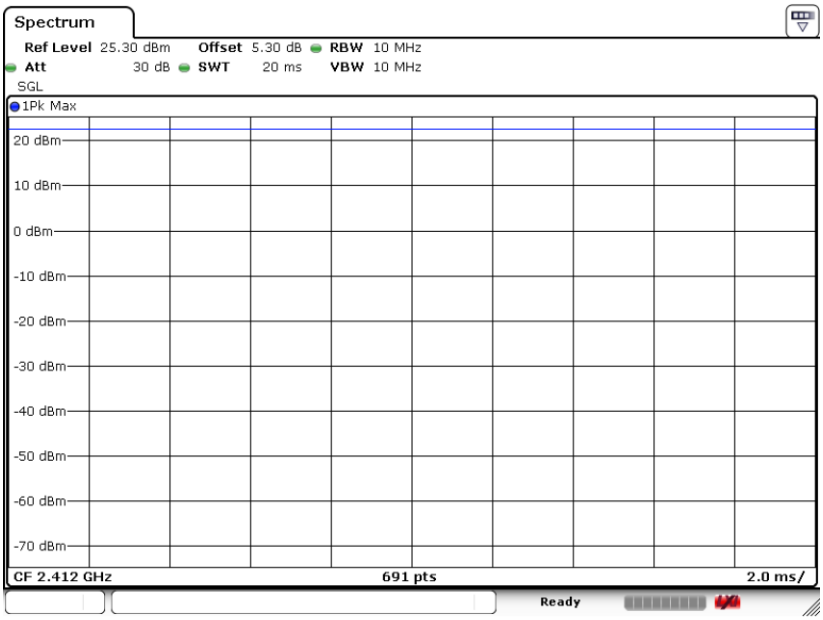
2.4GHz WIFI 802.11n HT20 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH02-KS Condition : FCC PART 15C 3m CBL6111D SN23188 HORIZONTAL : RBW:100.000KHz VBW:300.000KHz SWT:Auto Project : (FR)1N0918 Mode : 20 Plane : X : Full-directivity IMEI : #1 : 5 Data: 15 Level (dBuV/m) / Frequency (MHz) / FCC PART 15C / 6dB Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 30.00 20.31 -19.69 40.00 26.80 25.50 0.71 32.70 --- --- Peak HORIZONT 2 159.01 27.89 -15.61 43.50 41.53 17.29 1.92 32.85 --- --- Peak HORIZONT 3 216.24 34.62 -11.38 46.00 48.17 17.31 2.24 33.10 --- --- Peak HORIZONT 4 263.77 29.36 -16.64 46.00 40.31 19.62 2.48 33.05 --- --- Peak HORIZONT 5 408.30 31.85 -14.15 46.00 38.69 22.86 3.08 32.78 --- --- Peak HORIZONT 6 531.49 34.09 -11.91 46.00 37.86 25.38 3.52 32.67 --- --- Peak HORIZONT	 Site : 03CH02-KS Condition : FCC PART 15C 3m CBL6111D SN23188 VERTICAL : RBW:100.000KHz VBW:300.000KHz SWT:Auto Project : (FR)1N0918 Mode : 20 Plane : X : Full-directivity IMEI : #1 : 5 Data: 16 Level (dBuV/m) / Frequency (MHz) / FCC PART 15C / 6dB Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 167.74 23.20 -20.30 43.50 37.06 17.08 1.97 32.91 --- --- Peak VERTICAL 2 236.61 29.93 -16.07 46.00 42.11 18.57 2.35 33.10 --- --- Peak VERTICAL 3 254.07 36.10 -9.90 46.00 47.28 19.46 2.44 33.08 --- --- Peak VERTICAL 4 267.65 31.10 -14.90 46.00 41.95 19.68 2.50 33.03 --- --- Peak VERTICAL 5 324.88 31.53 -14.47 46.00 40.89 20.80 2.74 32.90 --- --- Peak VERTICAL 6 640.13 33.16 -12.84 46.00 36.14 25.82 3.86 32.66 --- --- Peak VERTICAL

Appendix E. Duty Cycle Plots

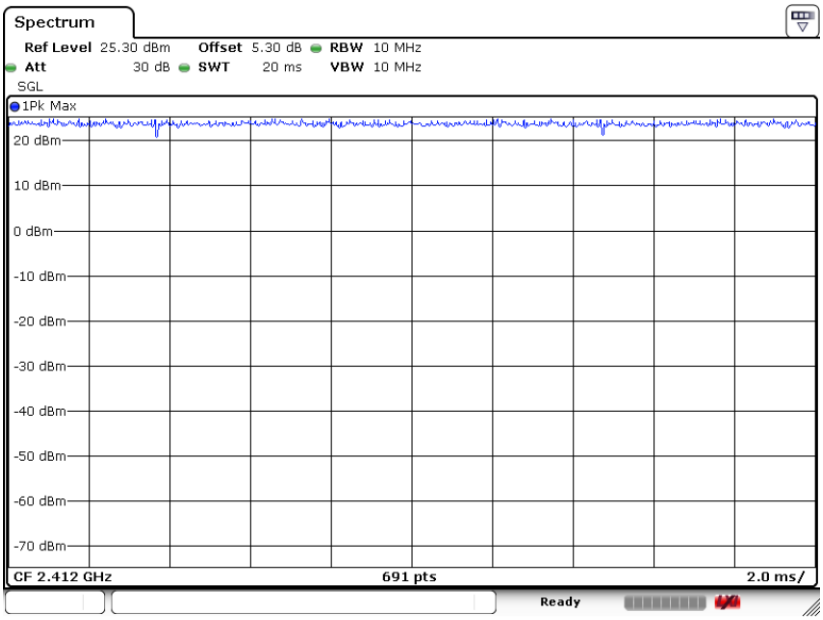
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	100	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	98.85	-	-	10Hz

802.11b



Date: 11.JAN.2022 13:30:27

802.11g



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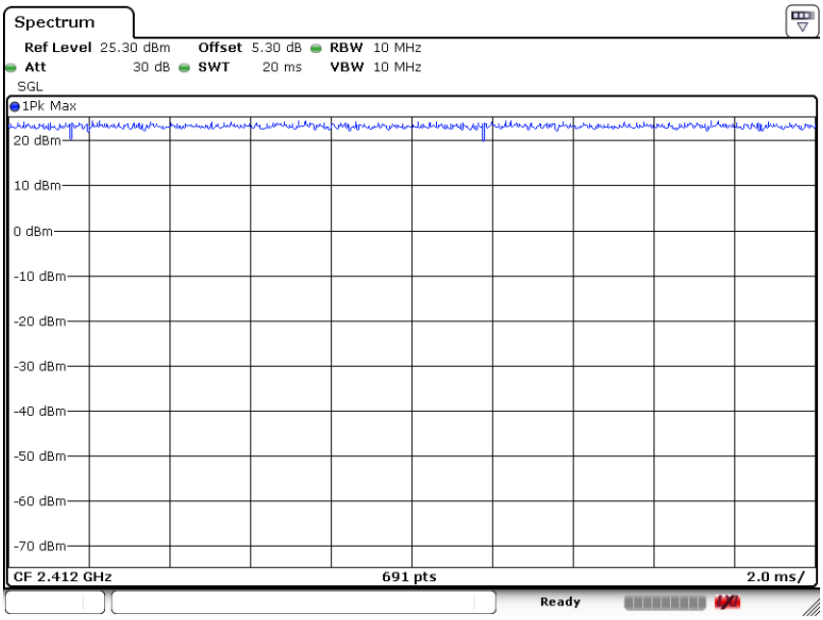
802.11n HT20



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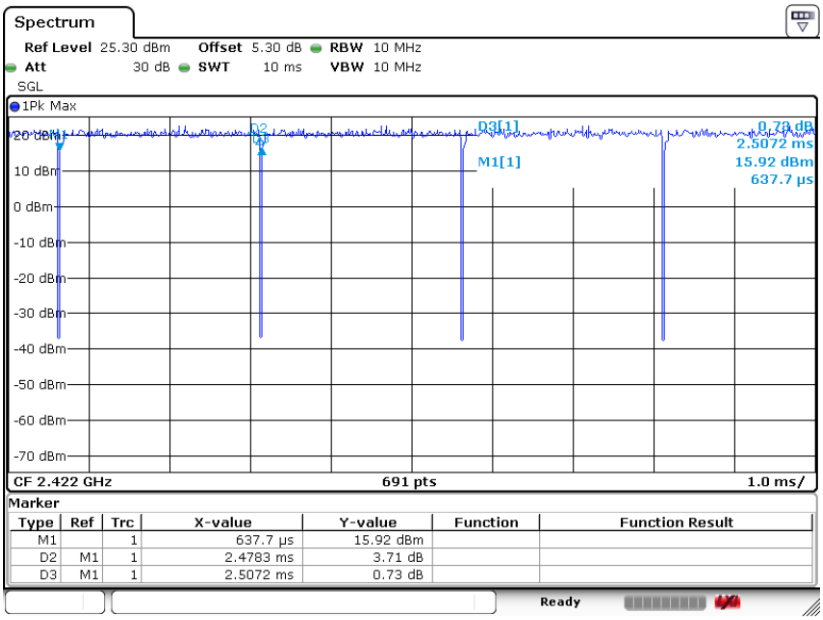
802.11n HT40



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