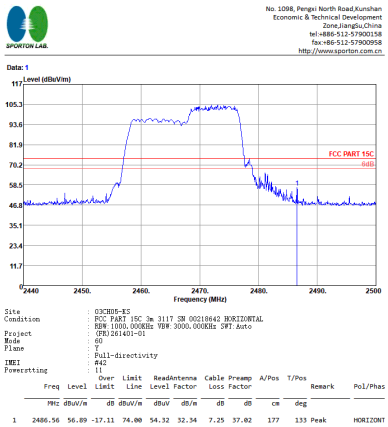
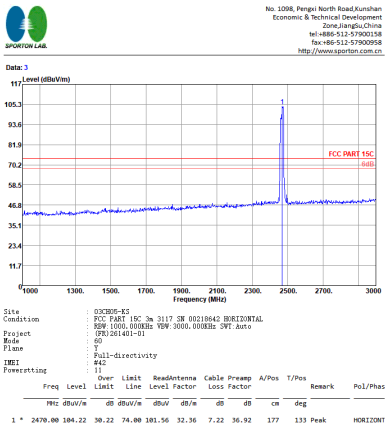
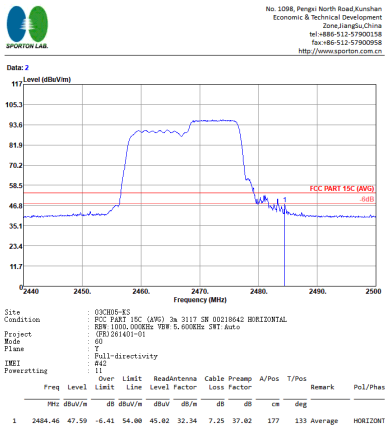
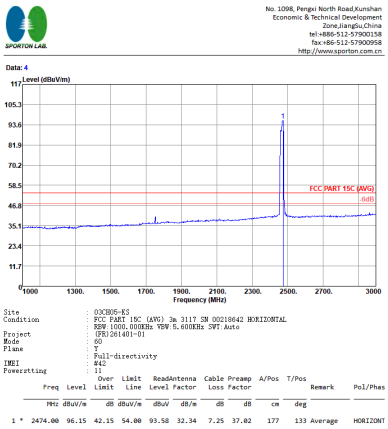
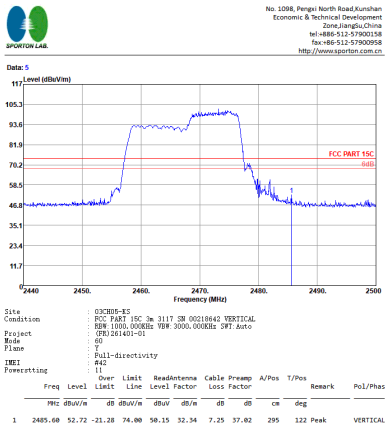
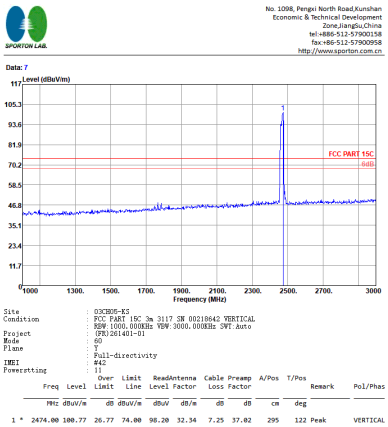
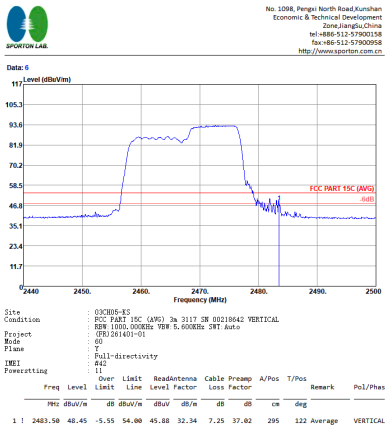
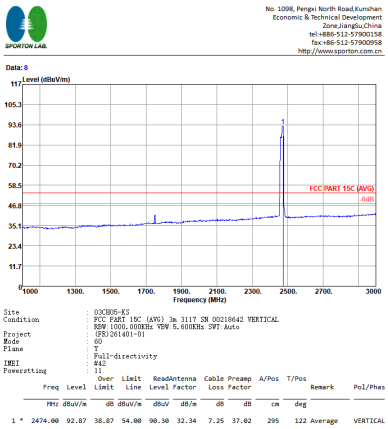
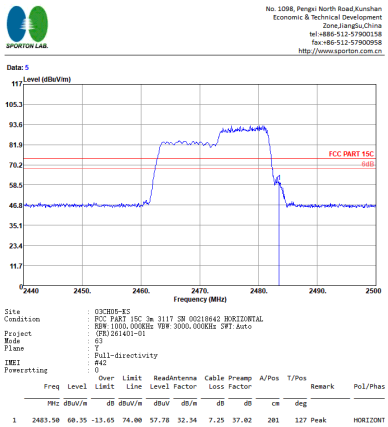
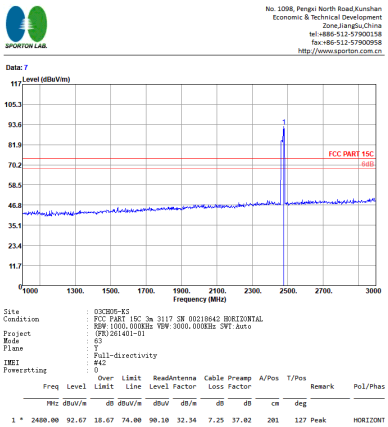
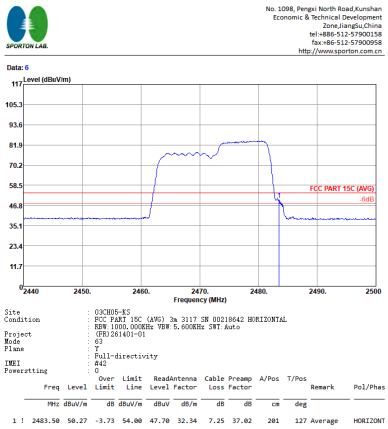
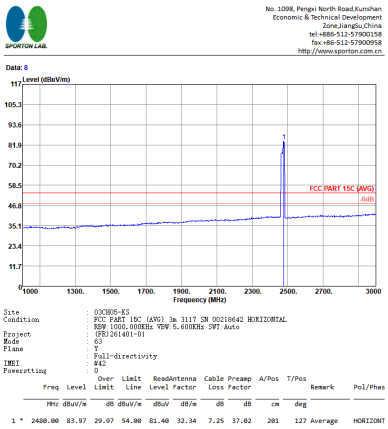
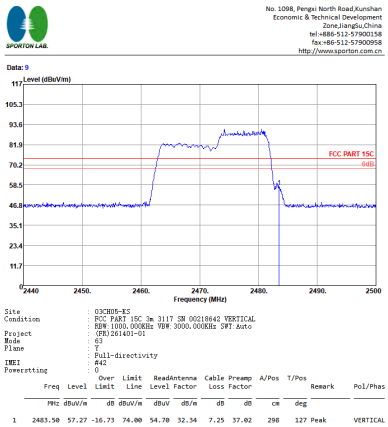
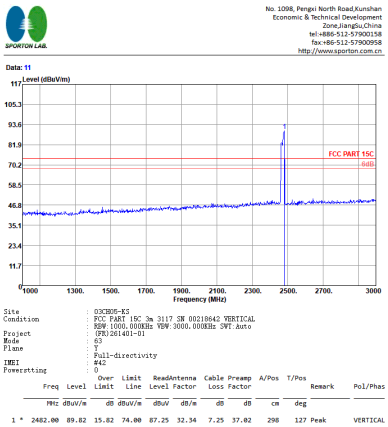
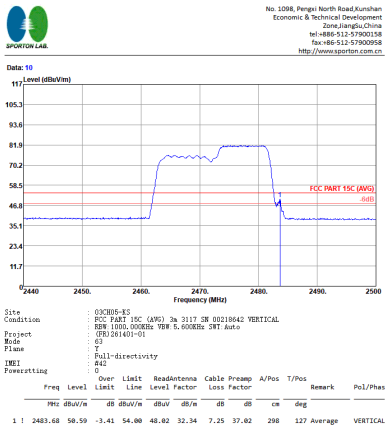
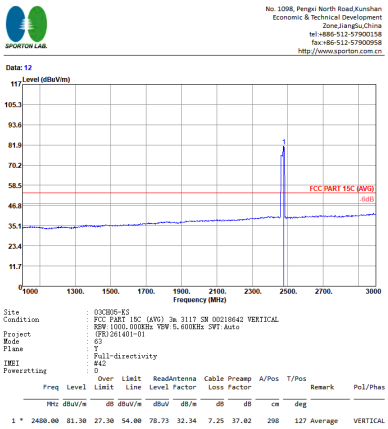
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH12 2467MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

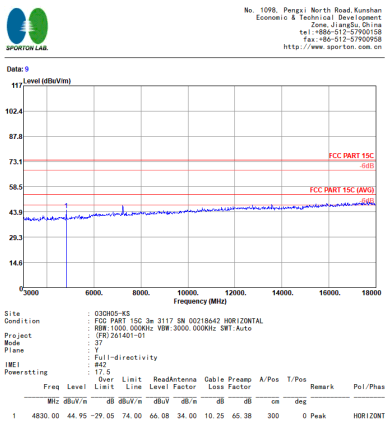
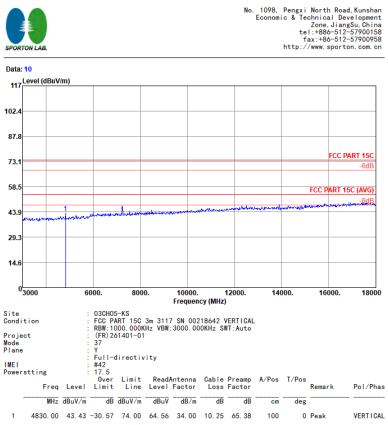
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH12 2467MHz	
2	Vertical	Fundamental
Peak		
Avg.		

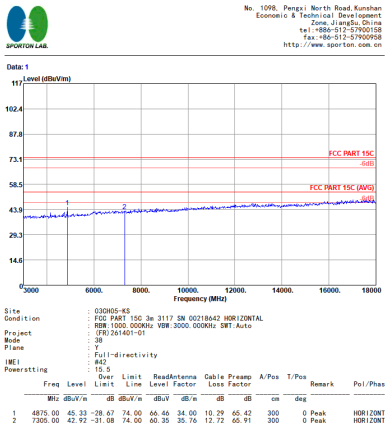
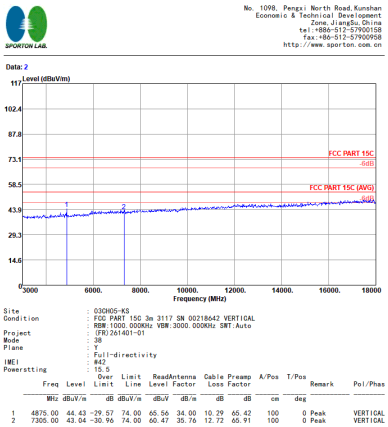
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

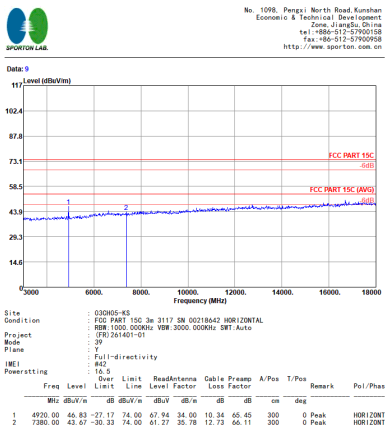
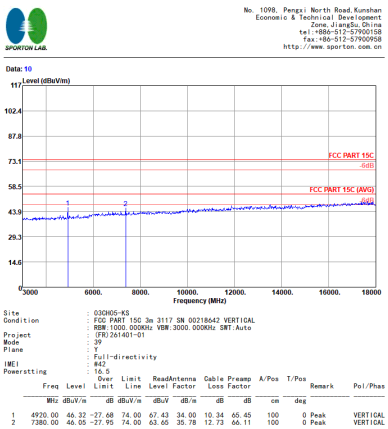
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
2	Vertical	Fundamental
Peak		
Avg.		

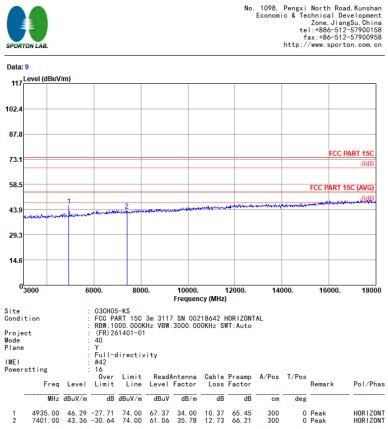
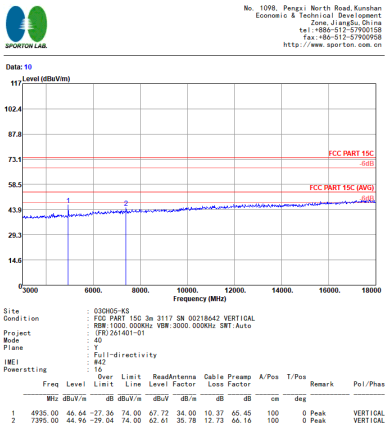
2.4GHz 2400~2483.5MHz---ANT 2

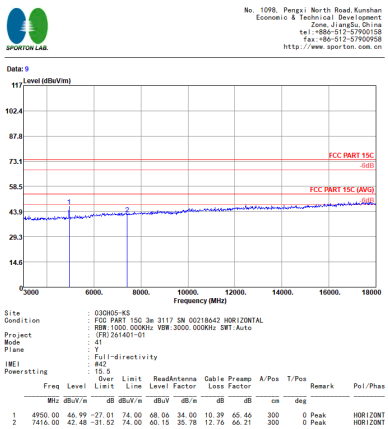
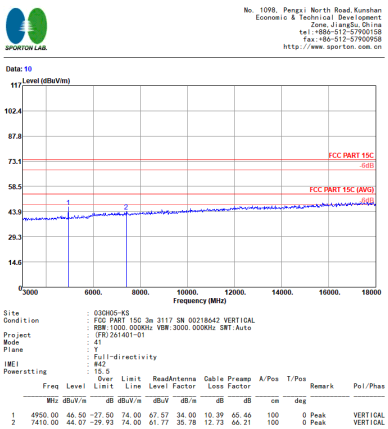
WIFI 802.11b (Harmonic @ 3m)

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

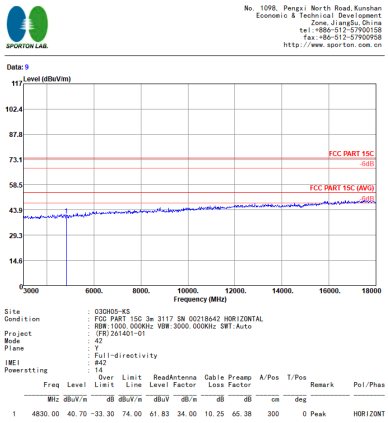
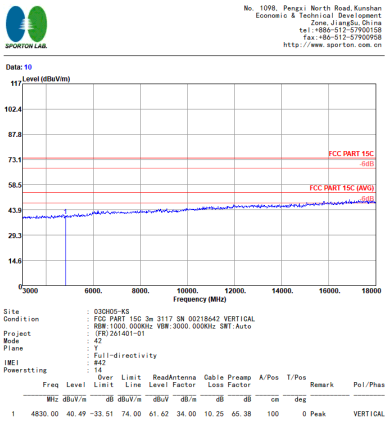
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.		

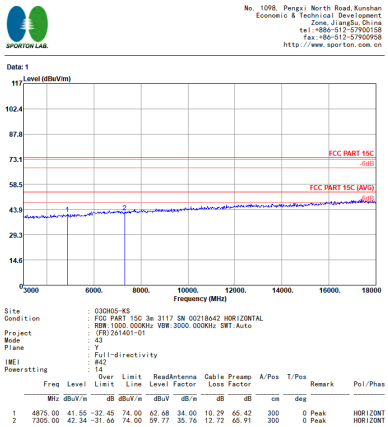
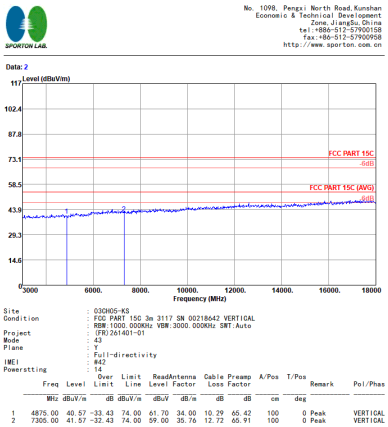
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 9 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 40 Plane : Y : Full-directivity IMEI : #42 Powerstting : 16 Freq Level Over Limit Limit Line 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 4935.00 46.29 -27.71 74.00 67.37 34.00 10.37 65.45 300 0 Peak HORIZONT 2 7401.00 43.36 -30.64 74.00 61.06 35.78 12.73 66.21 300 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: 10 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 40 Plane : Y : Full-directivity IMEI : #42 Powerstting : 16 Freq Level Over Limit Limit Line 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 4935.00 46.64 -27.36 74.00 67.72 34.00 10.37 65.45 100 0 Peak VERTICAL 2 7395.00 44.96 -29.04 74.00 62.61 35.78 12.73 66.16 100 0 Peak VERTICAL

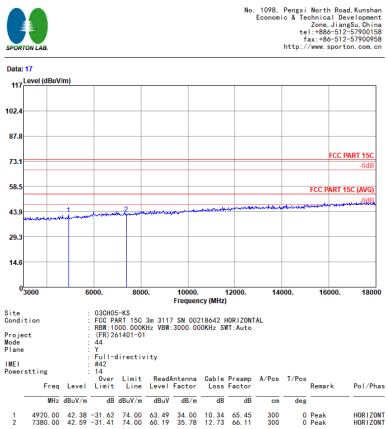
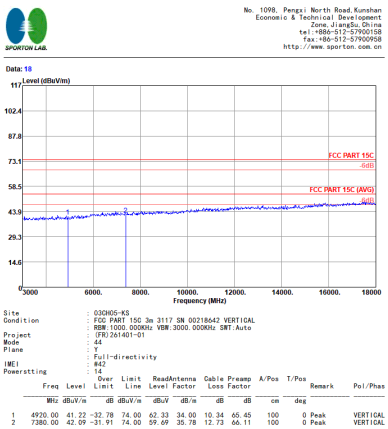
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 9 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 41 Plane : Y : Full-directivity IMEI : #42 Powerstting : 15.5 Freq Level Over Limit Limit Line 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 4950.00 46.99 -27.01 74.00 68.06 34.00 10.39 65.46 300 0 Peak HORIZONT 2 7416.00 42.48 -31.52 74.00 60.15 35.78 12.76 66.21 300 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: 10 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 41 Plane : Y : Full-directivity IMEI : #42 Powerstting : 15.5 Freq Level Over Limit Limit Line 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 4950.00 46.50 -27.50 74.00 67.57 34.00 10.39 65.46 100 0 Peak VERTICAL 2 7410.00 44.07 -29.93 74.00 61.77 35.78 12.73 66.21 100 0 Peak VERTICAL

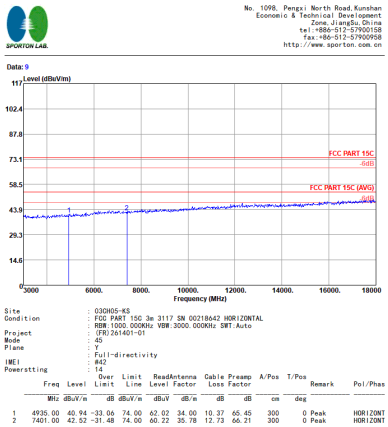
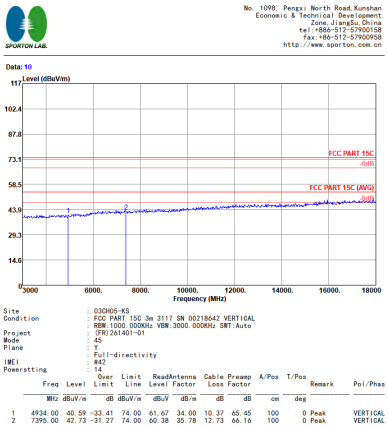
2.4GHz 2400~2483.5MHz---ANT 2

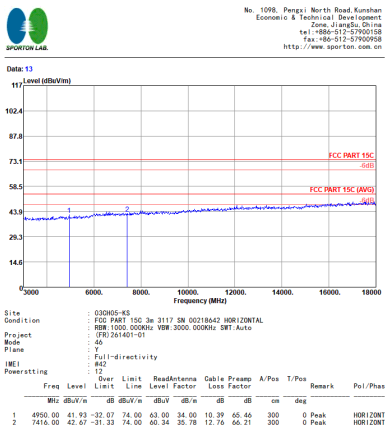
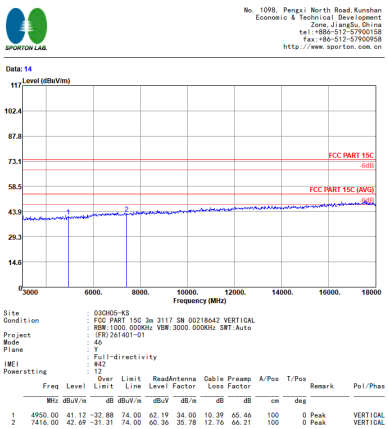
WIFI 802.11g (Harmonic @ 3m)

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

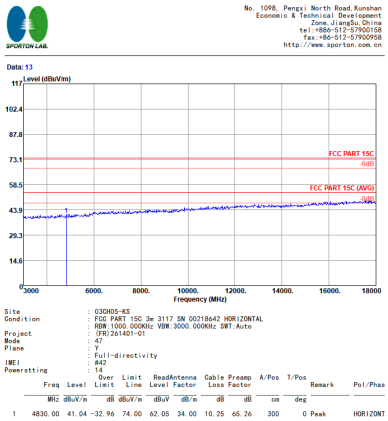
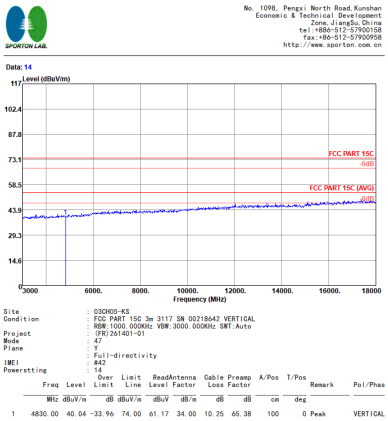
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.		

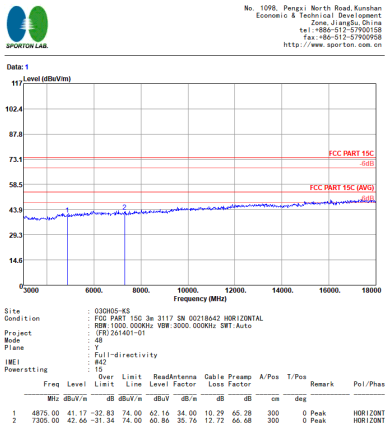
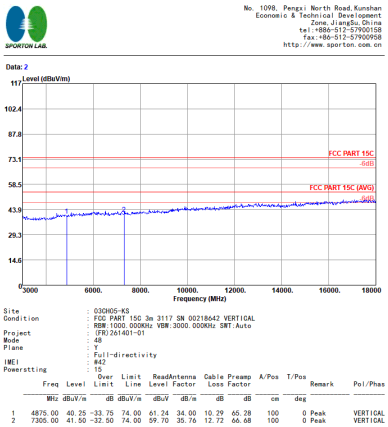
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
2	Horizontal	Vertical
Peak Avg.	 Data: 9 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 45 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4935.00 40.94 -33.06 74.00 62.02 34.00 10.37 65.45 300 0 Peak HORIZONT 2 7401.00 42.52 -31.48 74.00 60.22 35.78 12.73 66.21 300 0 Peak HORIZONT	 Data: 10 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 45 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4934.00 40.59 -33.41 74.00 61.67 34.00 10.37 65.45 100 0 Peak VERTICAL 2 7395.00 42.73 -31.27 74.00 60.38 35.78 12.73 66.16 100 0 Peak VERTICAL

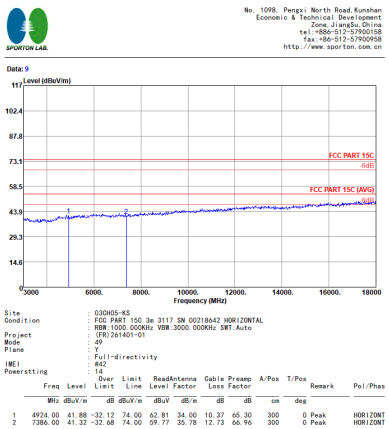
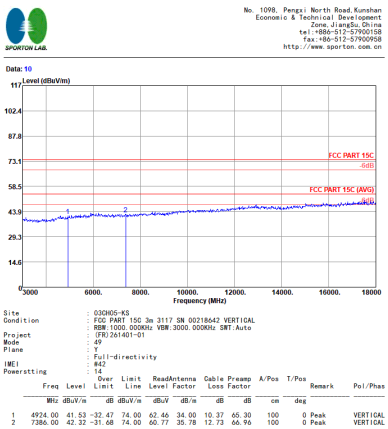
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Vertical
Peak Avg.	 Data: 13 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Powerstting : 12 Freq Level Over Limit Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4950.00 41.93 -32.07 74.00 63.00 34.00 10.39 65.46 300 0 Peak HORIZONT 2 7416.00 42.67 -31.33 74.00 60.34 35.78 12.76 66.21 300 0 Peak HORIZONT	 Data: 14 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Powerstting : 12 Freq Level Over Limit Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 4950.00 41.12 -32.88 74.00 62.19 34.00 10.39 65.46 100 0 Peak VERTICAL 2 7416.00 42.69 -31.31 74.00 60.36 35.78 12.76 66.21 100 0 Peak VERTICAL

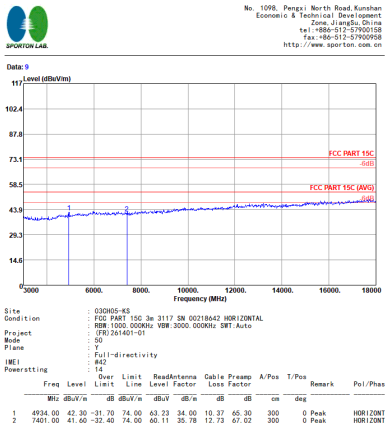
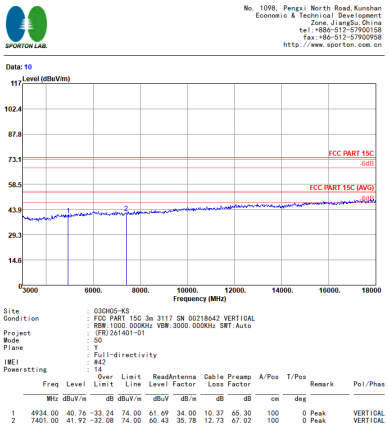
2.4GHz 2400~2483.5MHz---ANT 2

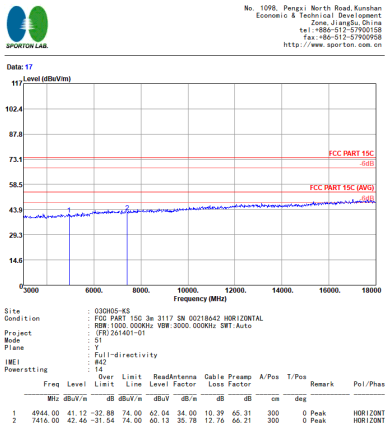
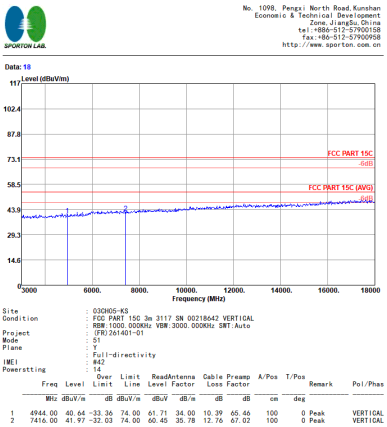
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
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: 1 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 48 Plane : Y : Full-directivity IMEI : #42 Powerstting : 15 Freq Level Over Limit Limit Line Line ReadAntenna Level 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 4875.00 41.17 -32.83 74.00 62.16 34.00 10.29 65.28 300 0 Peak HORIZONT 2 7305.00 42.66 -31.34 74.00 60.86 35.76 12.72 66.68 300 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) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 48 Plane : Y : Full-directivity IMEI : #42 Powerstting : 15 Freq Level Over Limit Limit Line Line ReadAntenna Level 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 4875.00 40.25 -33.75 74.00 61.24 34.00 10.29 65.28 100 0 Peak VERTICAL 2 7305.00 41.50 -32.50 74.00 59.70 35.76 12.72 66.68 100 0 Peak VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
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: 9 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 49 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Line ReadAntenna Level 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 4924.00 41.88 -32.12 74.00 62.81 34.00 10.37 65.30 300 0 Peak HORIZONT 2 7386.00 41.32 -32.68 74.00 59.77 35.78 12.73 66.96 300 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: 10 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 49 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Line ReadAntenna Level 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 4924.00 41.53 -32.47 74.00 62.46 34.00 10.37 65.30 100 0 Peak VERTICAL 2 7386.00 42.32 -31.68 74.00 60.77 35.78 12.73 66.96 100 0 Peak VERTICAL

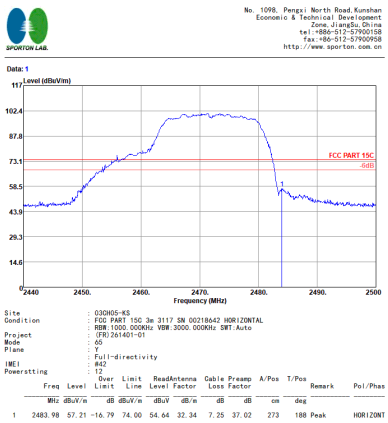
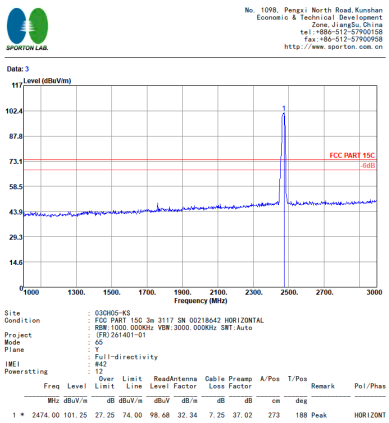
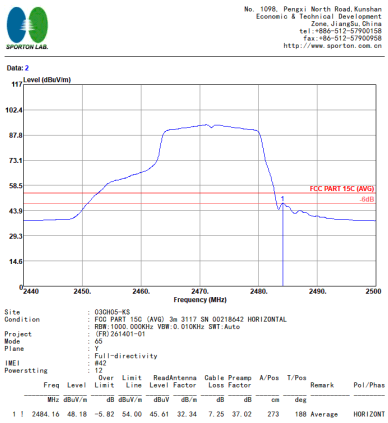
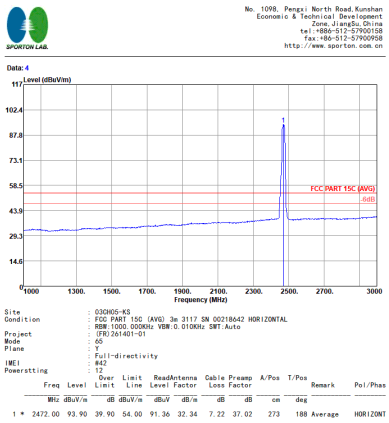
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH12 2467MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 9 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 50 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Level ReadAntenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 4934.00 42.30 -31.70 74.00 63.23 34.00 10.37 65.30 300 0 Peak HORIZONT 2 7401.00 41.60 -32.40 74.00 60.11 35.78 12.73 67.02 300 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: 10 Level (dBuV/m) FCC PART 15C -6dB FCC PART 15C (AVG) -6dB Frequency (MHz) Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 50 Plane : T : Full-directivity IMEI : #42 Powerstting : 14 Freq Level Over Limit Limit Line Level ReadAntenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 4934.00 40.76 -33.24 74.00 61.69 34.00 10.37 65.30 100 0 Peak VERTICAL 2 7401.00 41.92 -32.08 74.00 60.43 35.78 12.73 67.02 100 0 Peak VERTICAL

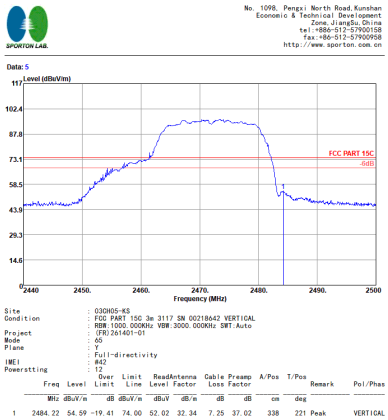
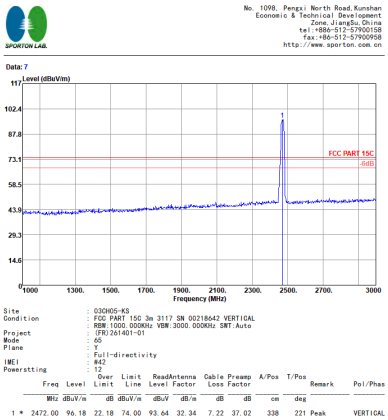
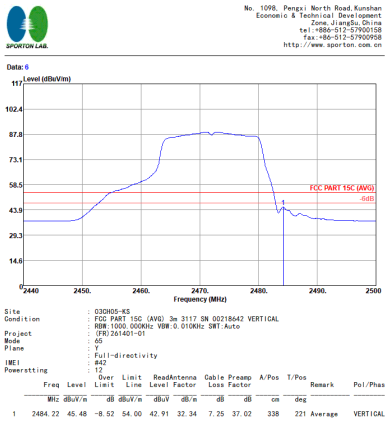
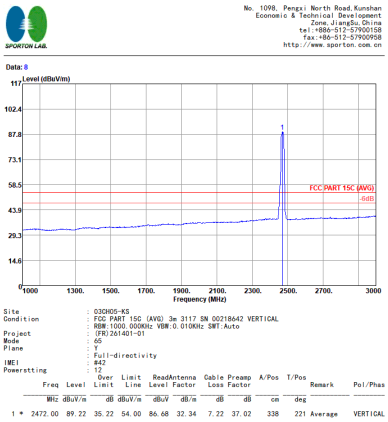
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH13 2472MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 17 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 0 FCC PART 15C -6dB FCC PART 15C (AVG) -6dB 3000 6000. 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 51 Plane : Y : Full-directivity IMEI : #42 Powerstting : 14 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 dBuV dB/m dB dB cm deg 1 4944.00 41.12 -32.88 74.00 62.04 34.00 10.39 65.31 300 0 Peak HORIZONT 2 7416.00 42.46 -31.54 74.00 60.13 35.78 12.76 66.21 300 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: 18 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 0 FCC PART 15C -6dB FCC PART 15C (AVG) -6dB 3000 6000. 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH05-KS Gondition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 51 Plane : T : Full-directivity IMEI : #42 Powerstting : 14 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 dBuV dB/m dB dB cm deg 1 4944.00 40.64 -33.36 74.00 61.71 34.00 10.39 65.46 100 0 Peak VERTICAL 2 7416.00 41.97 -32.03 74.00 60.45 35.78 12.76 67.02 100 0 Peak VERTICAL

Worse-Mode wirh Keyboard

2.4GHz 2400~2483.5MHz---ANT 2

WIFI 802.11g (Band Edge @ 3m)

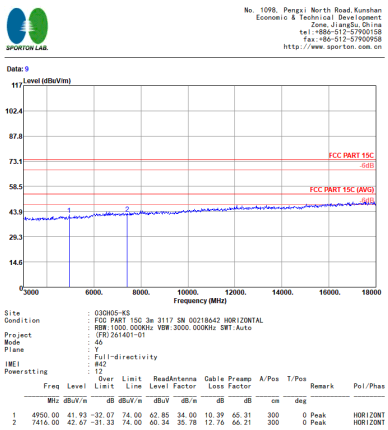
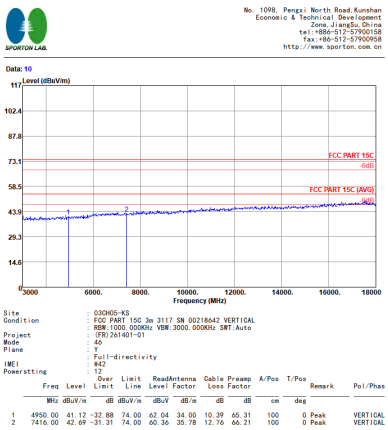
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Vertical	Fundamental
Peak		
Avg.		

Worse-Mode wirh Keyboard

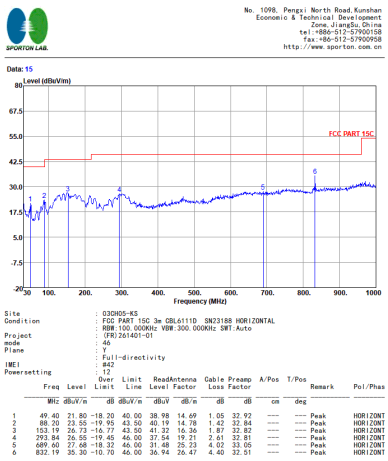
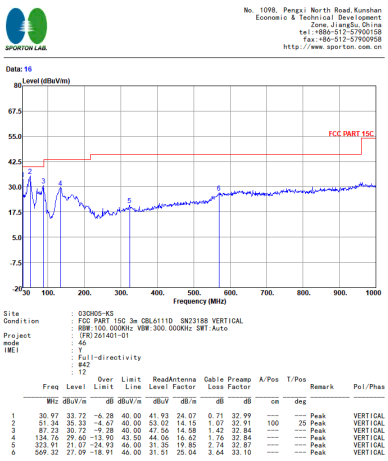
2.4GHz 2400~2483.5MHz---ANT 2

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
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: 9 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 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 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Powerstting : 12 Freq Level Over Limit Limit Line Level ReadAntenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 4950.00 41.93 -32.07 74.00 62.85 34.00 10.39 65.31 300 0 Peak HORIZONT 2 7416.00 42.67 -31.33 74.00 60.34 35.78 12.76 66.21 300 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: 10 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 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 SN 00218642 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Powerstting : 12 Freq Level Over Limit Limit Line Level ReadAntenna Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 4950.00 41.12 -32.88 74.00 62.04 34.00 10.39 65.31 100 0 Peak VERTICAL 2 7416.00 42.69 -31.31 74.00 60.36 35.78 12.76 66.21 100 0 Peak VERTICAL

Emission below 1GHz

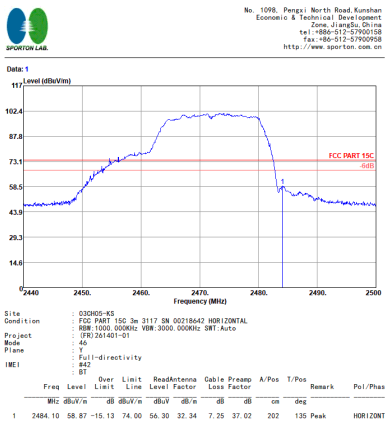
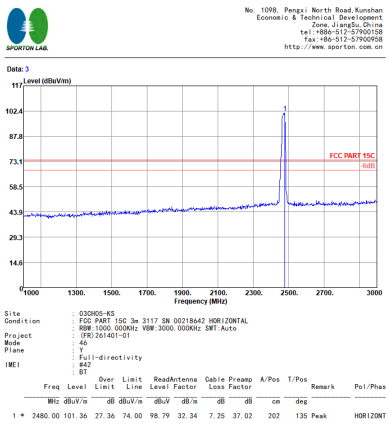
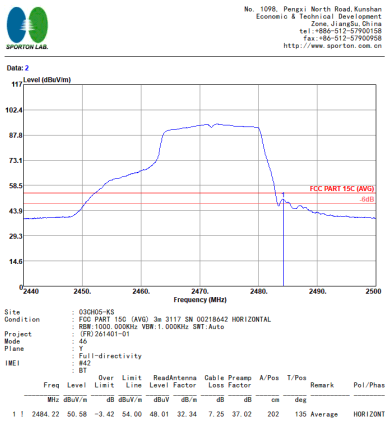
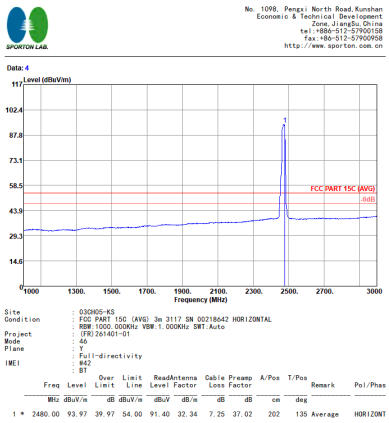
2.4GHz WIFI 802.11g (LF)

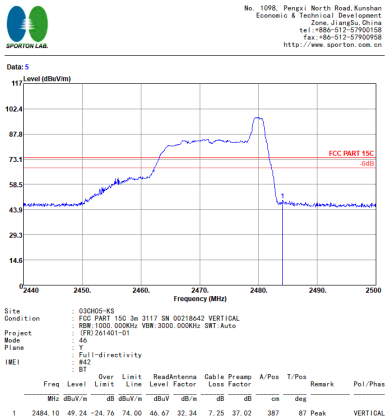
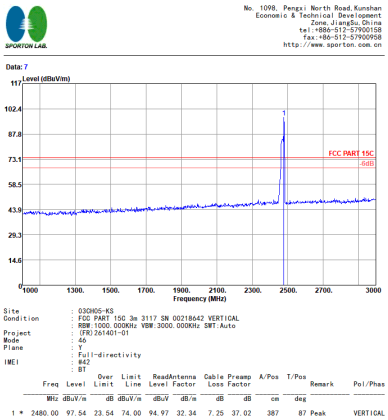
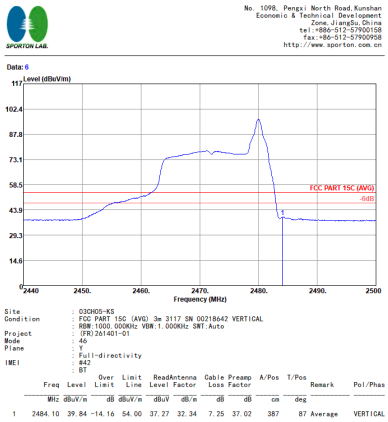
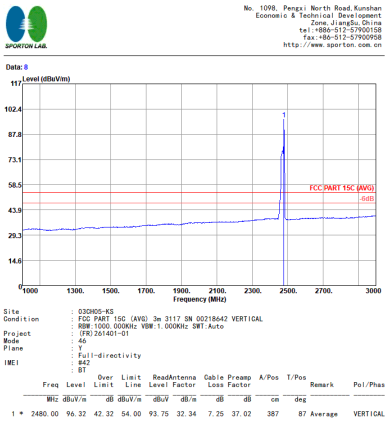
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
2	Horizontal	Vertical
QP / Peak		

Co-Location

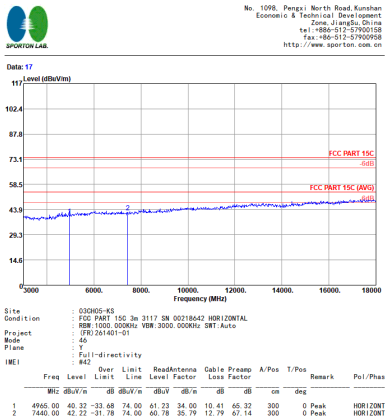
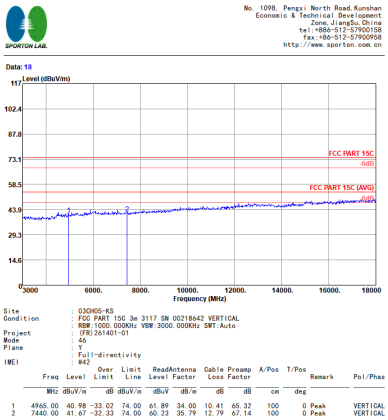
2.4GH WIFI 802.11g & BLE—2Mbps

BLE BLE—2Mbps (Band Edge @ 3m)

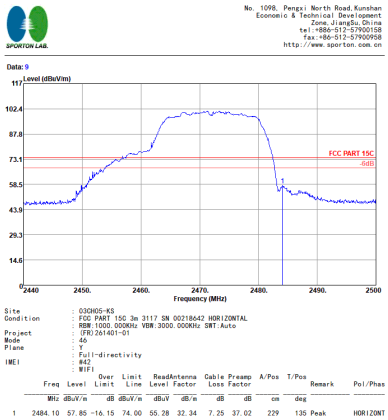
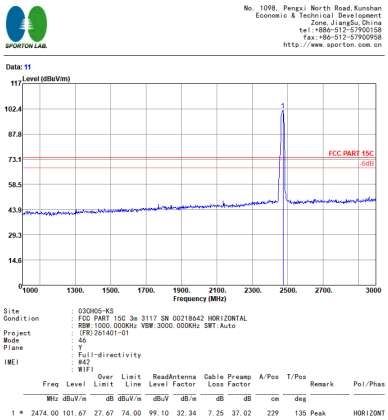
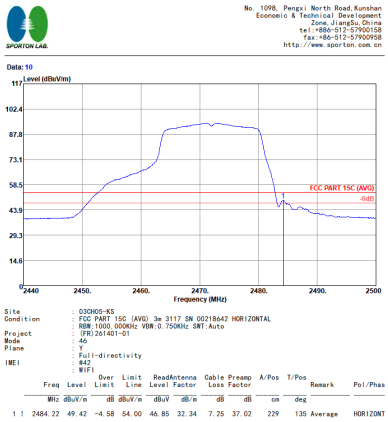
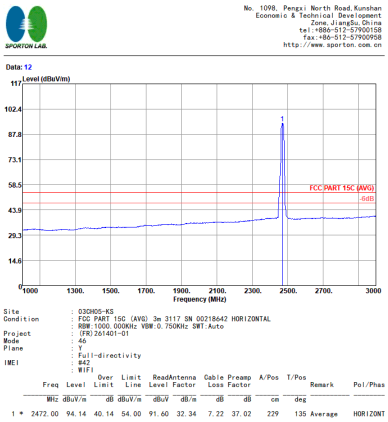
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

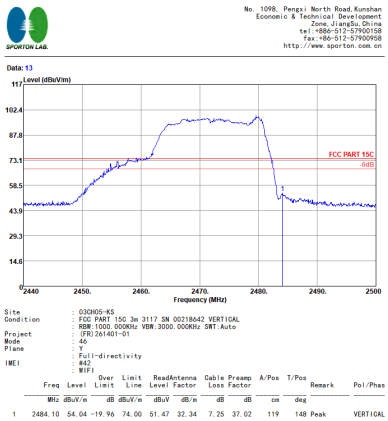
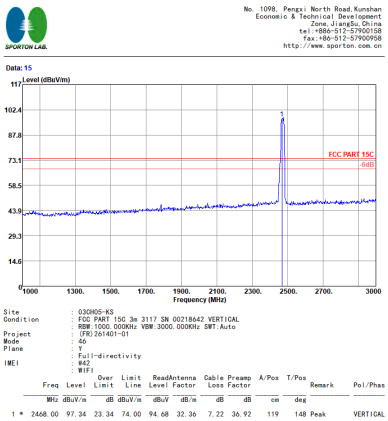
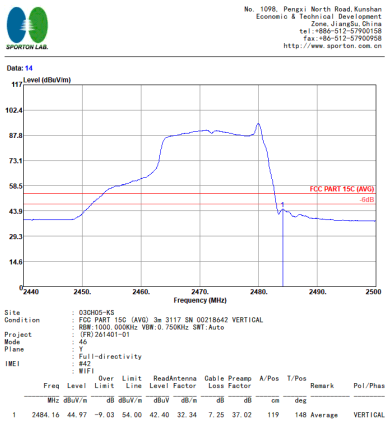
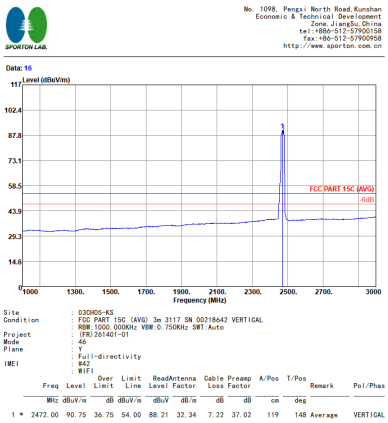
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Vertical	Fundamental
Peak		
Avg.		

BLE—2Mbps (Harmonic @ 3m)

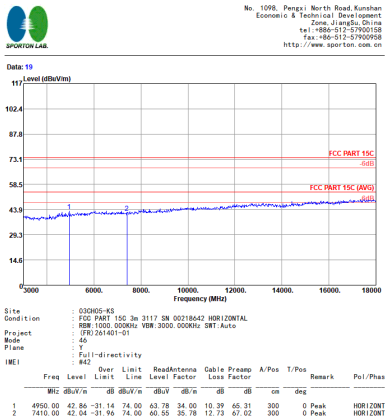
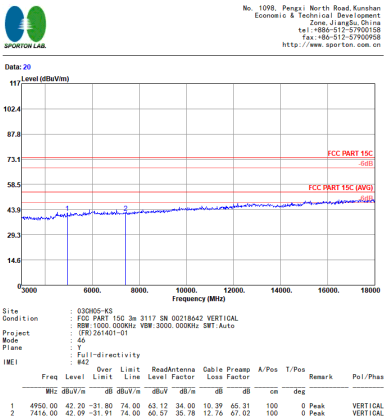
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Freq Level Over Limit Limit 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 4965.00 40.32 -33.68 74.00 61.23 34.00 10.41 65.32 300 0 Peak HORIZONT 2 7440.00 42.22 -31.78 74.00 60.78 35.79 12.79 67.14 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : Y : Full-directivity IMEI : #42 Freq Level Over Limit Limit 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 4965.00 40.98 -33.02 74.00 61.89 34.00 10.41 65.32 100 0 Peak VERTICAL 2 7440.00 41.67 -32.33 74.00 60.23 35.79 12.79 67.14 100 0 Peak VERTICAL

WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Vertical	Fundamental
Peak		
Avg.		

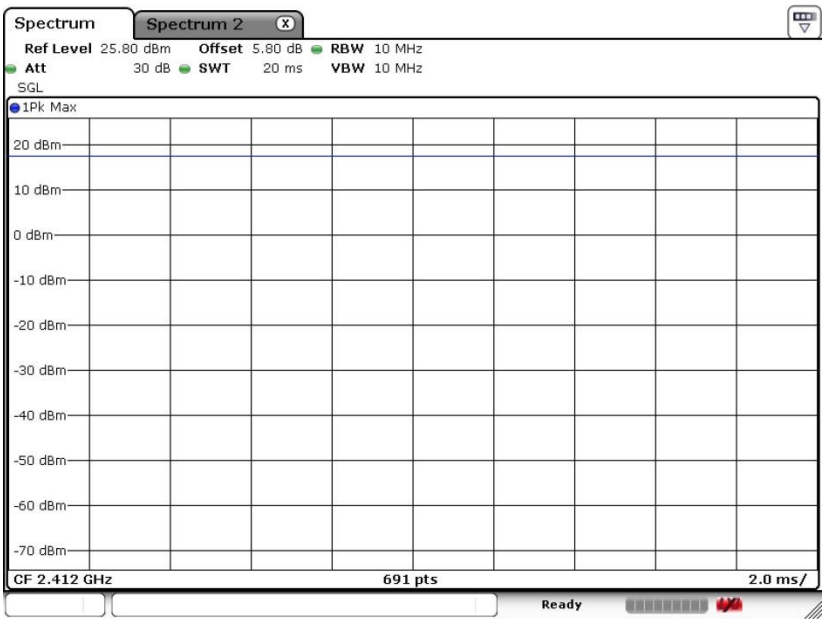
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
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: 19 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 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 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : T : Full-directivity IMEI : #42 Freq Level Over Limit Limit ReadAntenna Level 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 4950.00 42.86 -31.14 74.00 63.78 34.00 10.39 65.31 300 0 Peak HORIZONT 2 7410.00 42.04 -31.96 74.00 60.55 35.78 12.73 67.02 300 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: 20 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 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 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)261401-01 Mode : 46 Plane : T : Full-directivity IMEI : #42 Freq Level Over Limit Limit ReadAntenna Level 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 4950.00 42.20 -31.80 74.00 63.12 34.00 10.39 65.31 100 0 Peak VERTICAL 2 7416.00 42.09 -31.91 74.00 60.57 35.78 12.76 67.02 100 0 Peak VERTICAL

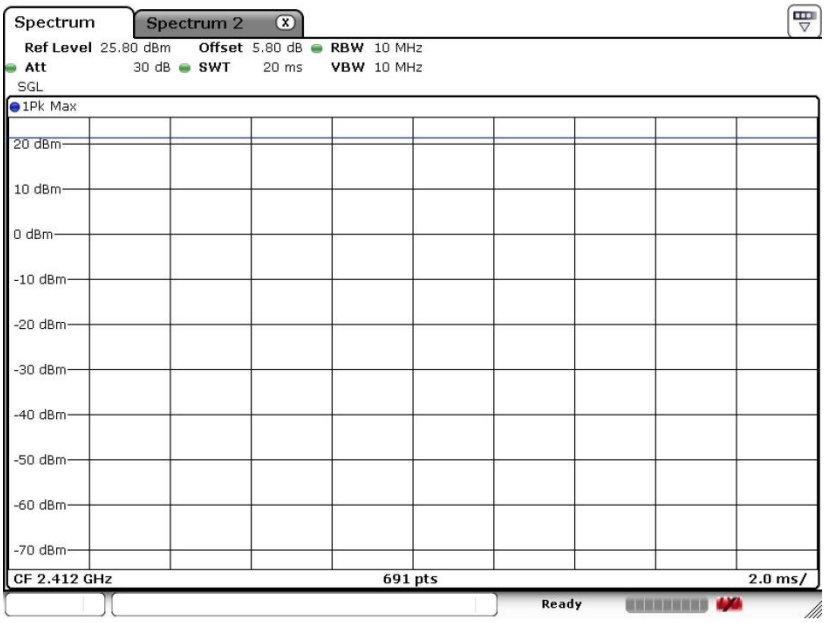
Appendix E. Duty Cycle Plots

Ant	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1	802.11b	100	-	-	10Hz
1	802.11g	97.46	1.391	0.719	0.75KHz
1	802.11ax HE20	99.44	-	-	10Hz
2	802.11b	100	-	-	10Hz
2	802.11g	97.46	1.3913	0.719	0.75KHz
2	802.11ax HE20	99.44	-	-	10Hz
2	802.11ax HE20-RU26	64.52	0.580	1.725	1.8KHz
2	802.11ax HE20-RU52	50.44	0.330	3.026	3.3KHz
2	802.11ax HE20-RU106	52.31	0.197	5.074	5.6KHz

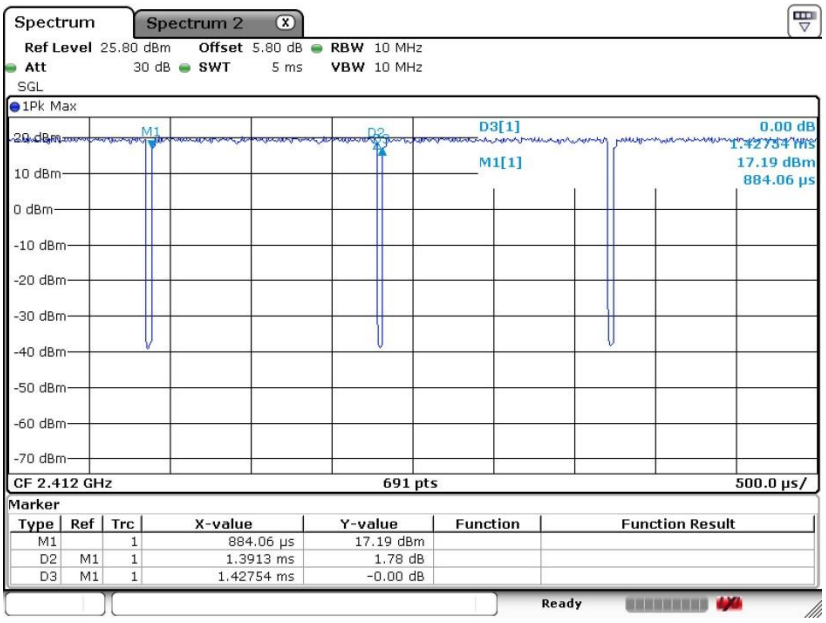
802.11b-Ant 1



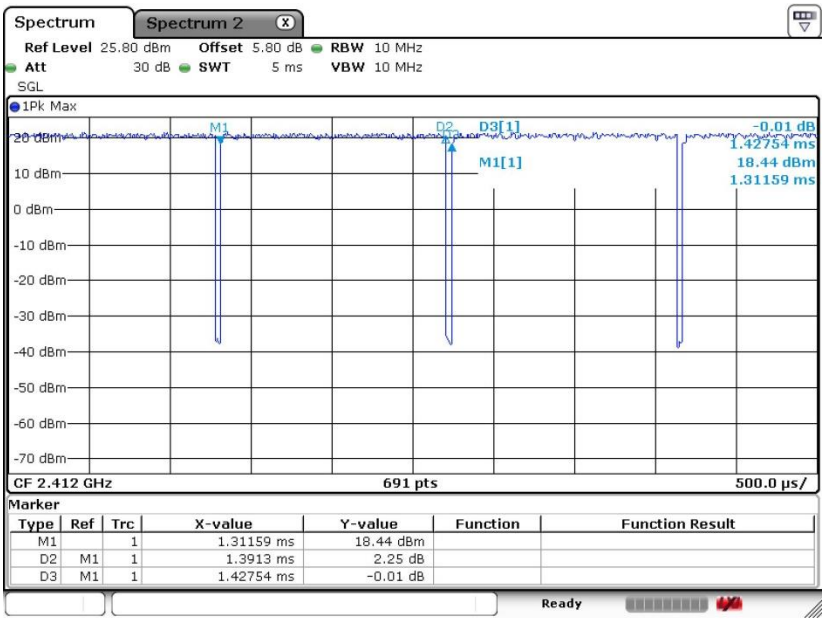
802.11b-Ant 2


Spectrum
Spectrum 2
Ref Level 25.80 dBm Offset 5.80 dB RBW 10 MHz
Att 30 dB SWT 20 ms VBW 10 MHz
SGL
1Pk Max
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 2.412 GHz
691 pts
2.0 ms/
Ready

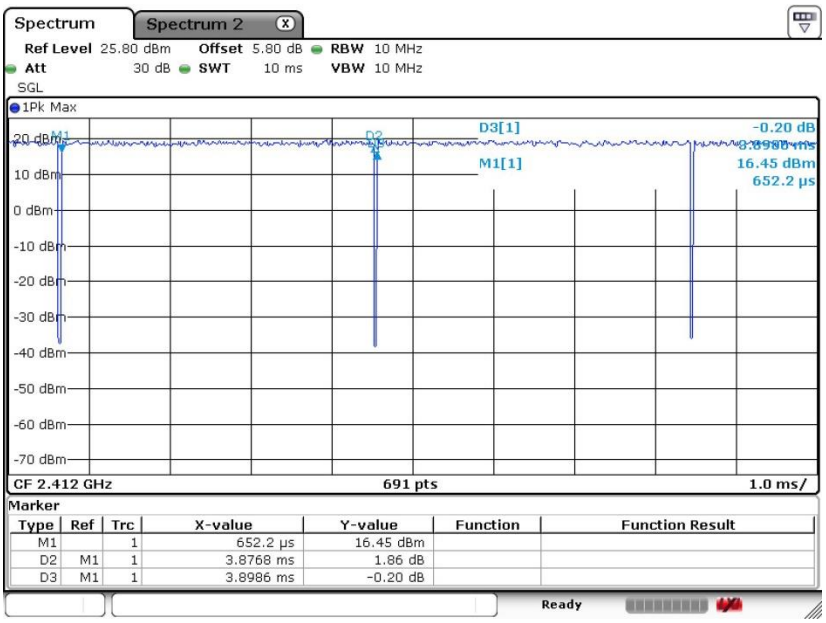
802.11g-Ant 1



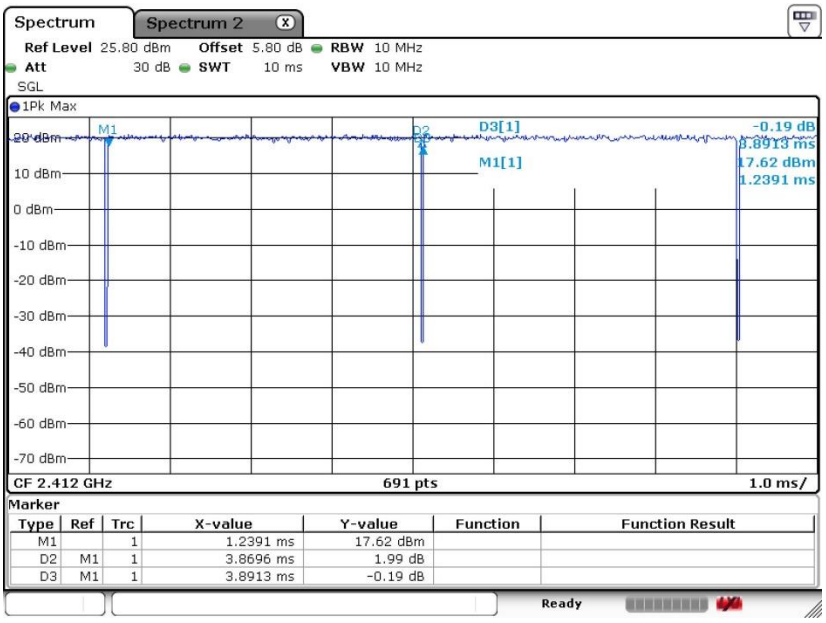
802.11g-Ant 2



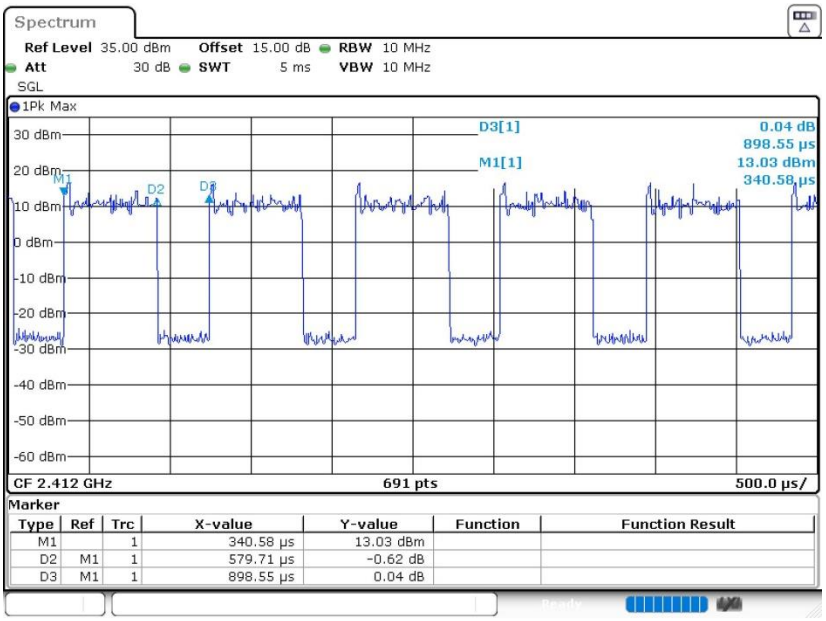
802.11ax HE20-Ant 1



802.11ax HE20-Ant 2



802.11ax HE20-RU26-Ant 2



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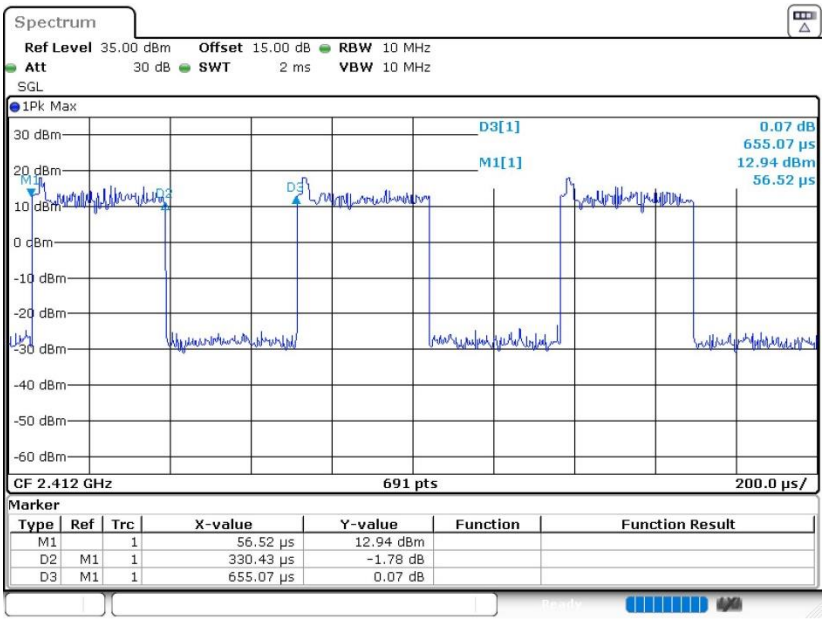
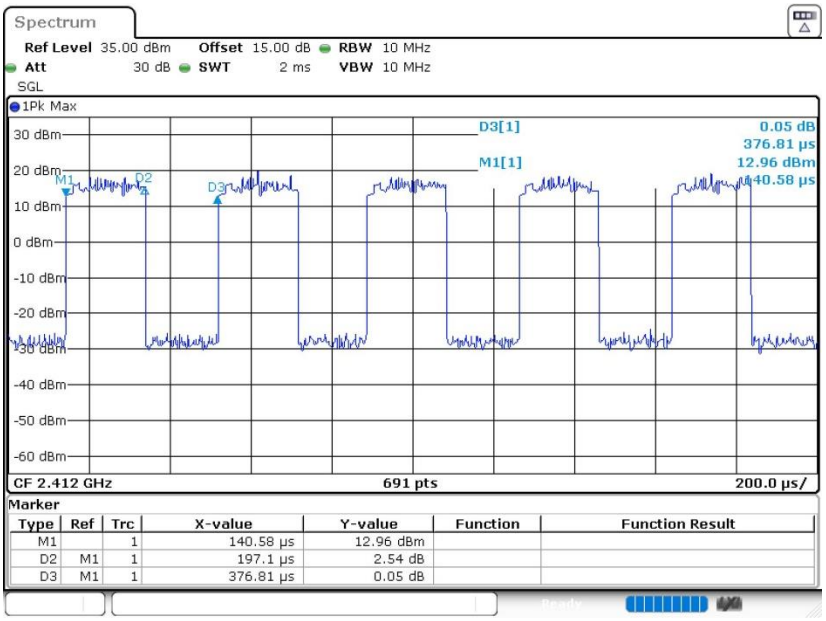
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