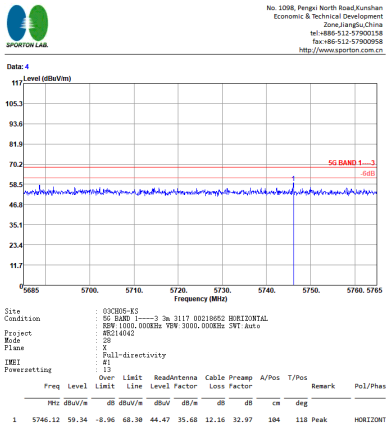
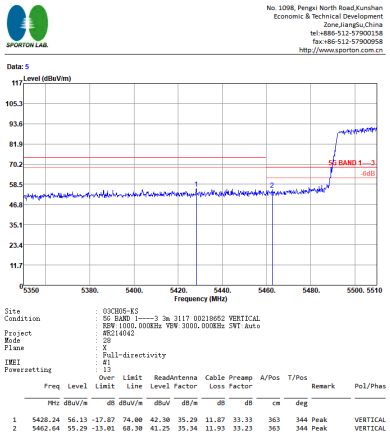
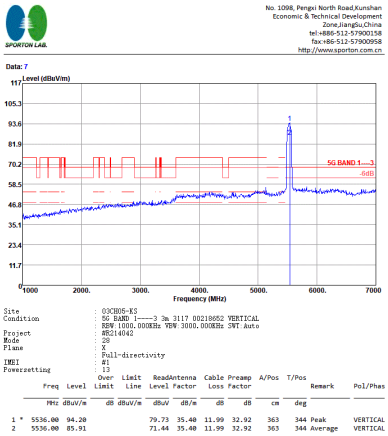
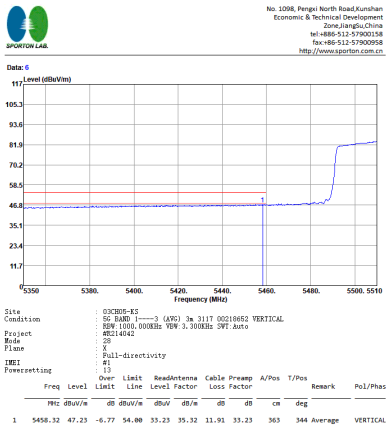
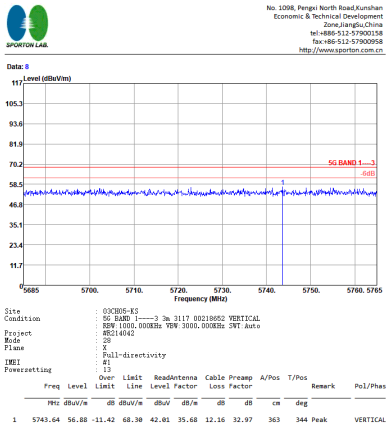
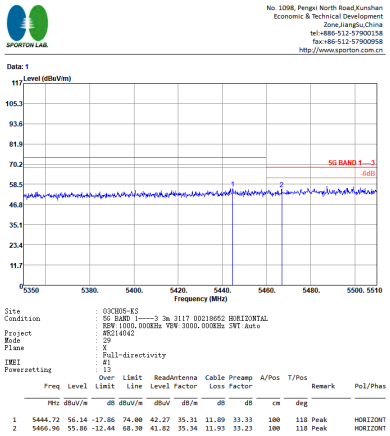
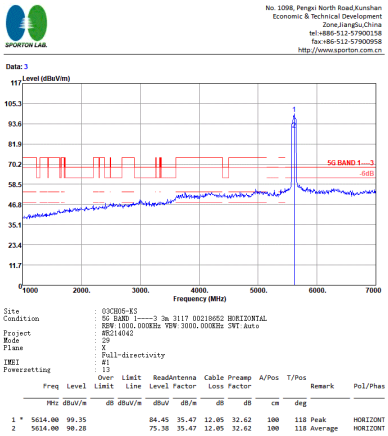
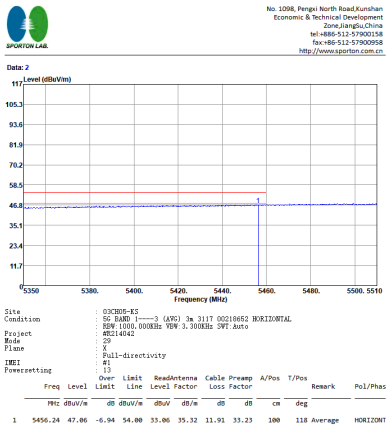
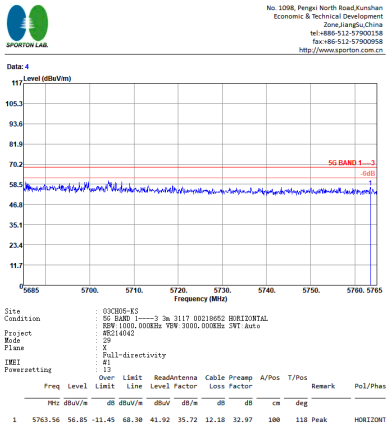
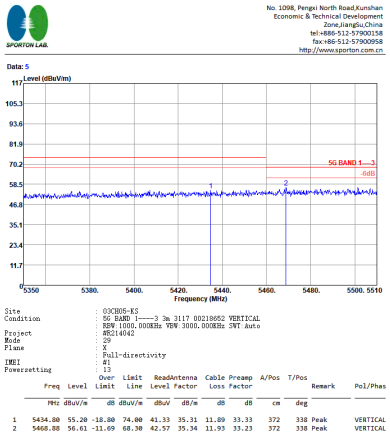
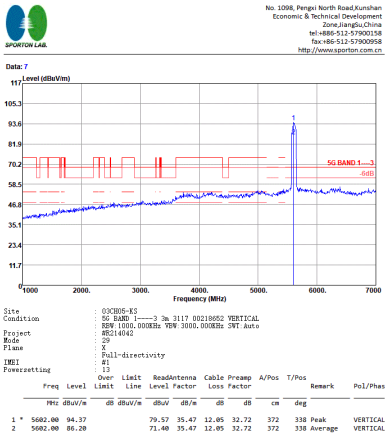
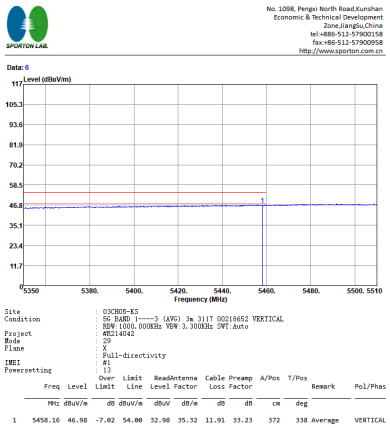
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

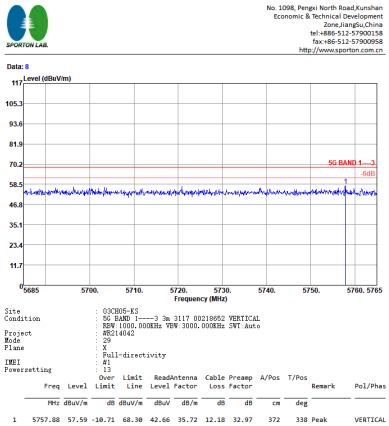
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

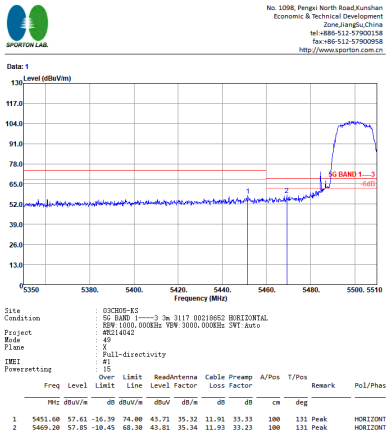
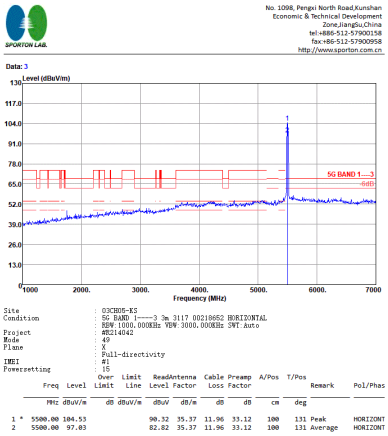
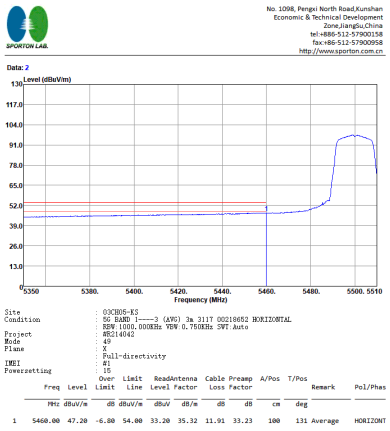
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

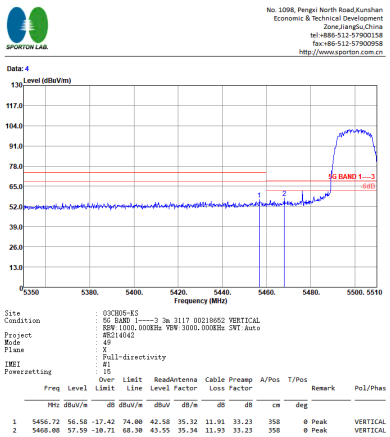
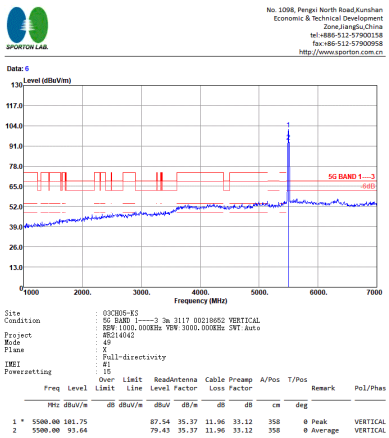
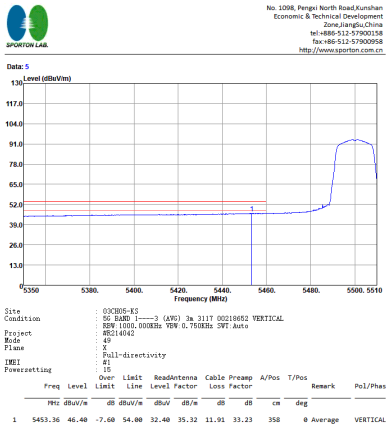
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

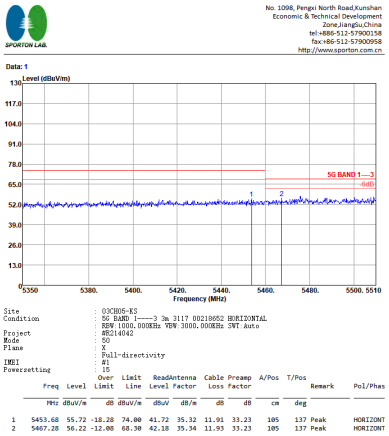
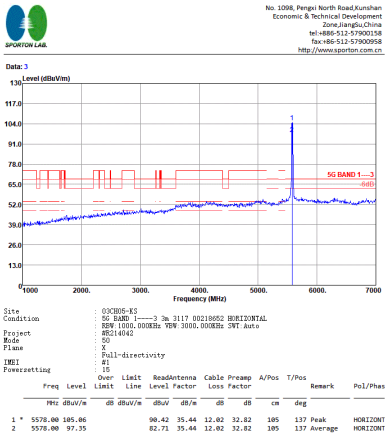
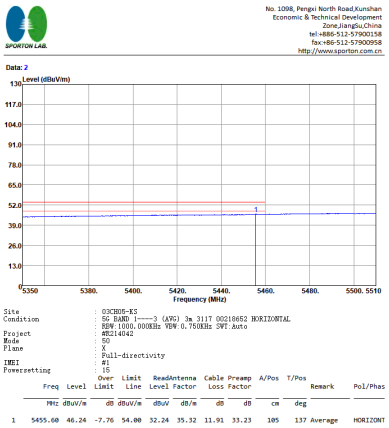
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak		Left blank

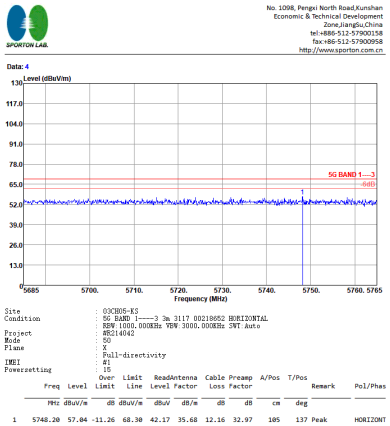
UNII-2C - 5470~5725MHz---ANT 2

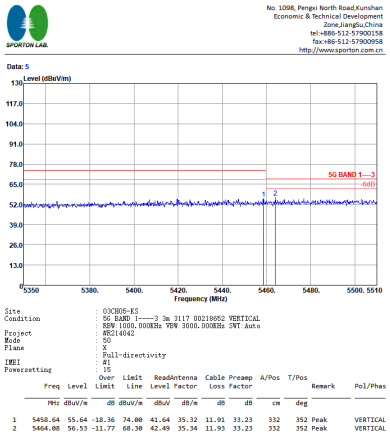
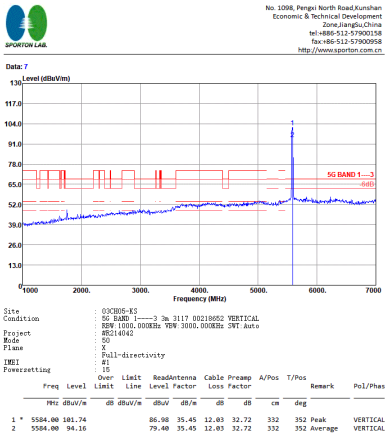
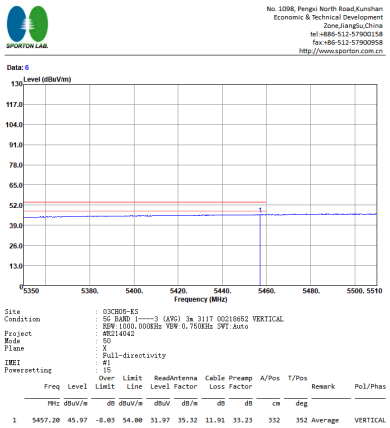
WIFI 802.11a (Band Edge @ 3m)

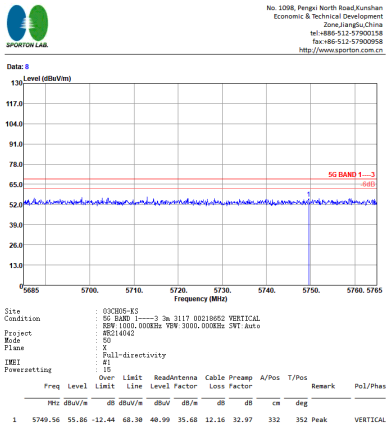
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	

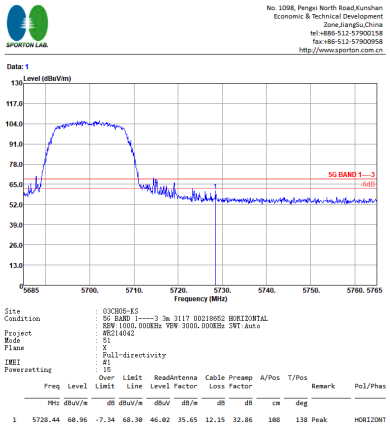
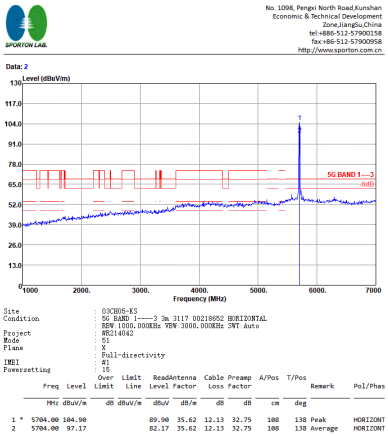
2	Vertical	Fundamental
Peak		
Avg.		Left blank

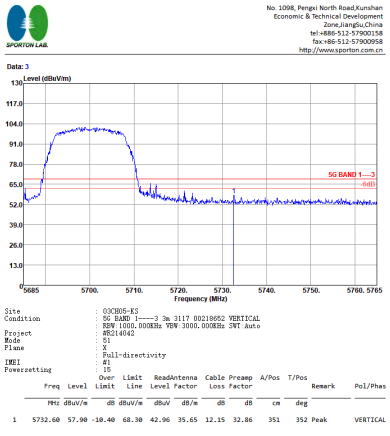
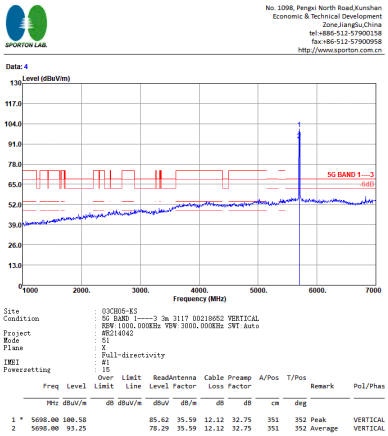
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

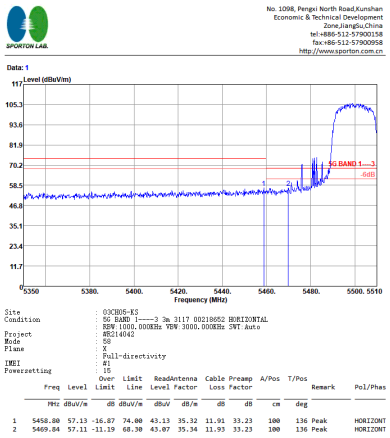
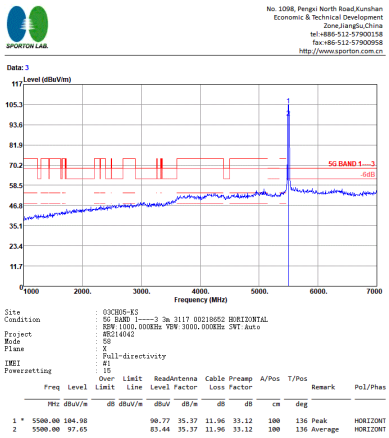
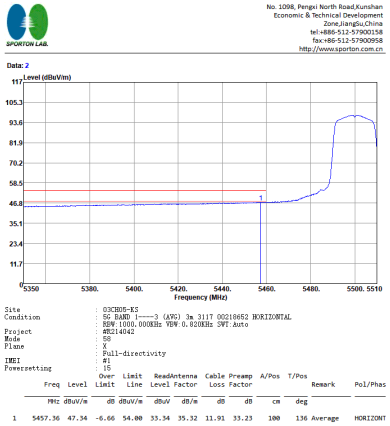
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

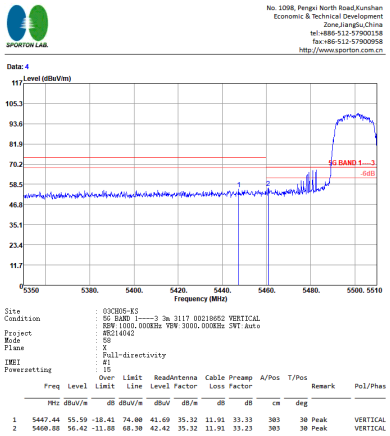
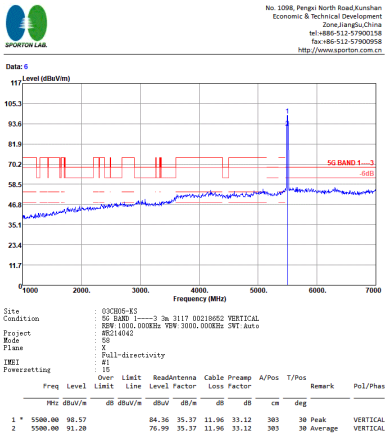
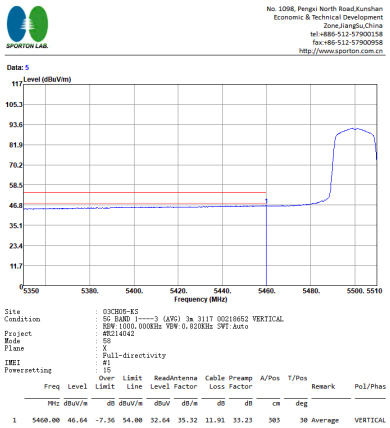
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak			

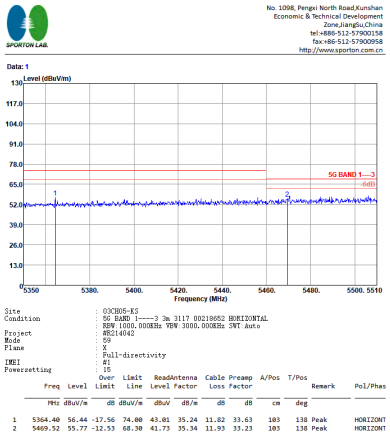
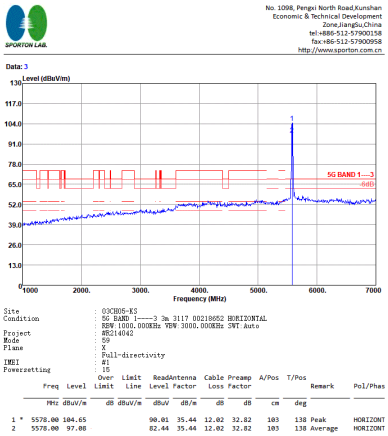
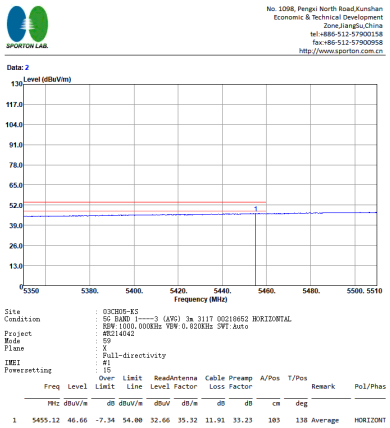
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak		

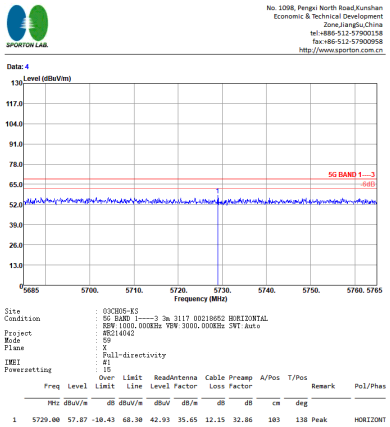
UNII-2C 5470~5725MHz

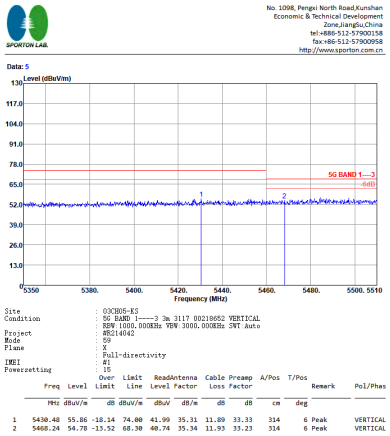
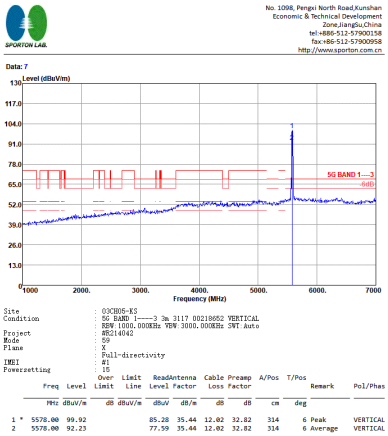
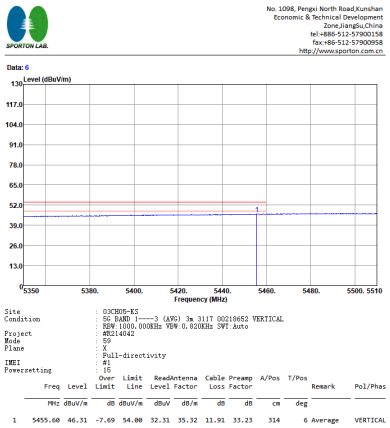
WIFI 802.11n HT20 (Band Edge @ 3m)

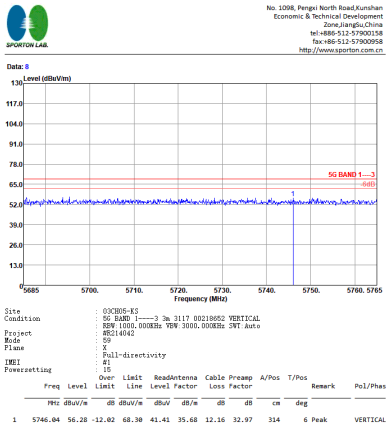
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #R214042 Mode : 58 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 dB/m dB dB cm deg 1 5458.80 57.13 -16.87 74.00 43.13 35.32 11.91 33.23 100 136 Peak HORIZONT 2 5469.84 57.11 -11.19 68.30 43.07 35.34 11.93 33.23 100 136 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #R214042 Mode : 58 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 dB/m dB dB cm deg 1 * 5500.00 104.98 90.77 35.37 11.96 33.12 100 136 Peak HORIZONT 2 5500.00 97.65 83.44 35.37 11.96 33.12 100 136 Average HORIZONT
Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 (AVG) 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:0.820KHz SWT:Auto Project : #R214042 Mode : 58 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 dB/m dB dB cm deg 1 5457.36 47.34 -6.66 54.00 33.34 35.32 11.91 33.23 100 136 Average HORIZONT	Left blank

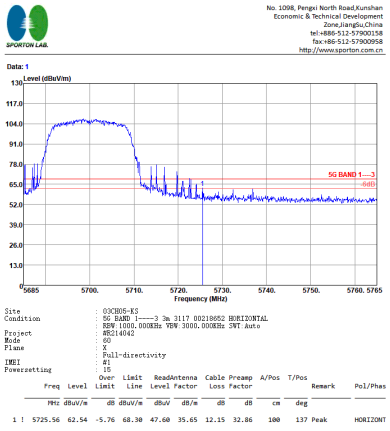
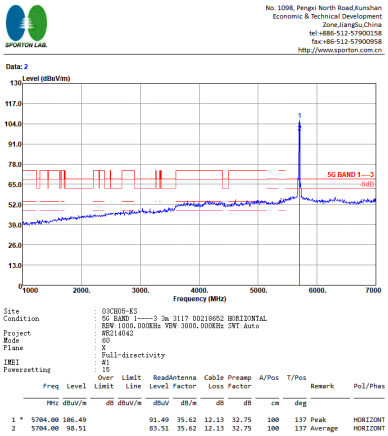
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

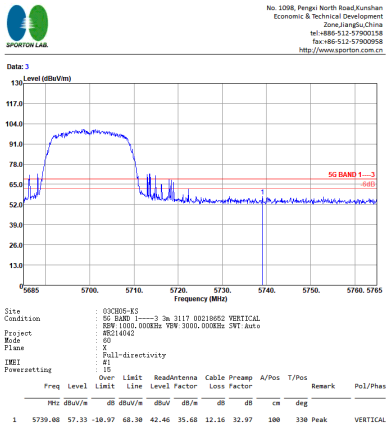
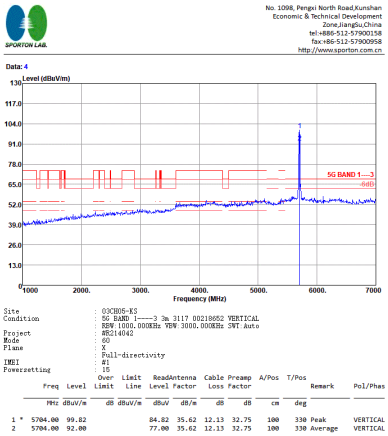
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

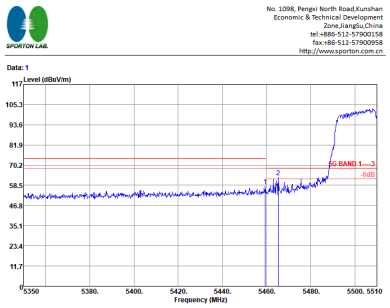
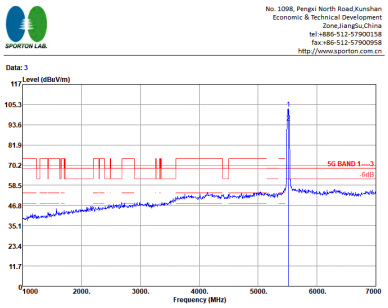
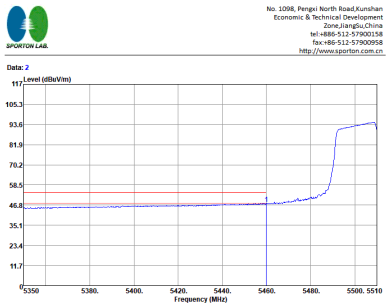
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

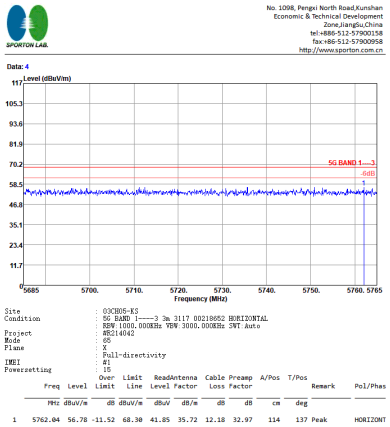
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Fundamental
Peak		

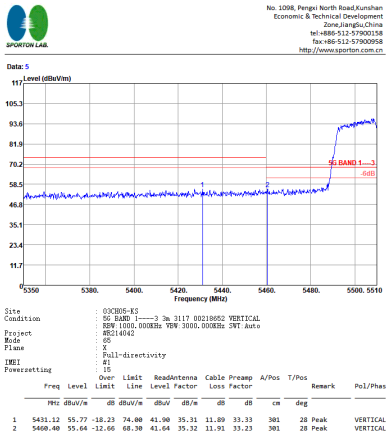
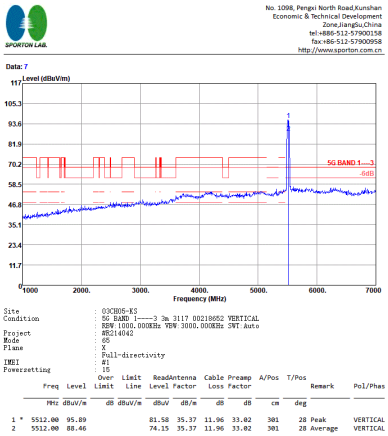
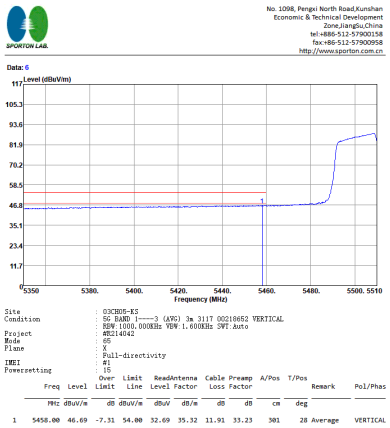
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Vertical	Fundamental
Peak.			

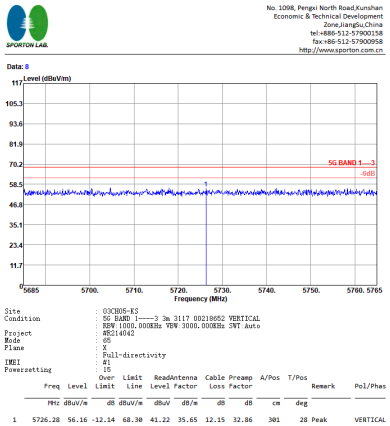
UNII-2C 5470~5725MHz

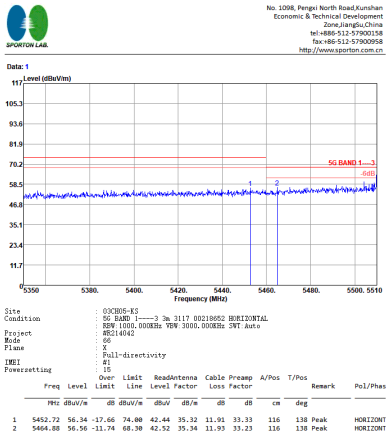
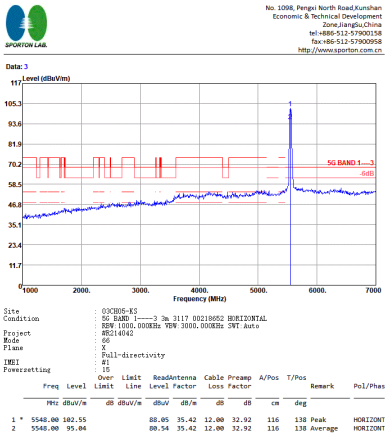
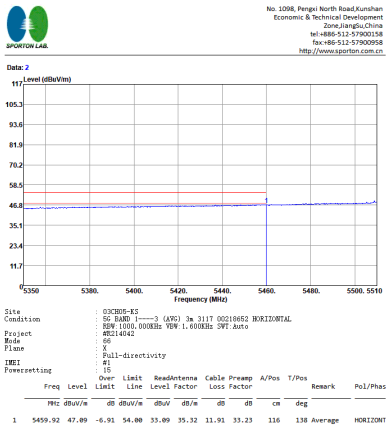
WIFI 802.11n HT40 (Band Edge @ 3m)

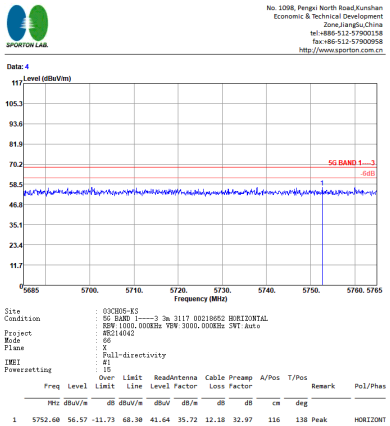
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #R214042 Mode : 65 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Freq Level Over Limit Limit 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 5459.44 58.03 -15.97 74.00 44.03 35.32 11.91 33.23 114 137 Peak HORIZONT 2 | 5465.36 63.06 -5.24 68.30 49.02 35.34 11.93 33.23 114 137 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #R214042 Mode : 65 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Freq Level Over Limit Limit 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 * 5512.00 102.92 88.61 35.37 11.96 33.02 114 137 Peak HORIZONT 2 5512.00 94.90 80.59 35.37 11.96 33.02 114 137 Average HORIZONT
Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 (AVG) 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : #R214042 Mode : 65 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Freq Level Over Limit Limit 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 5460.00 47.72 -6.28 54.00 33.72 35.32 11.91 33.23 114 137 Average HORIZONT	Left blank

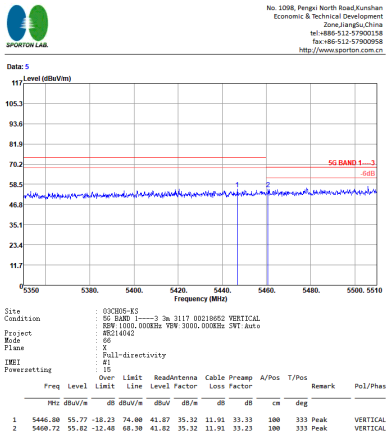
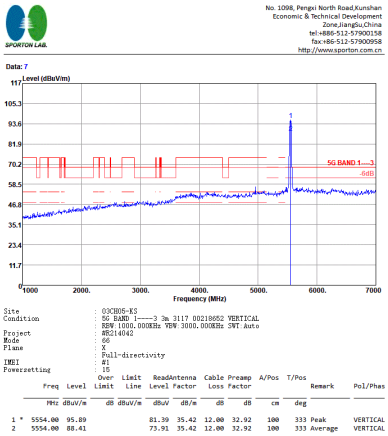
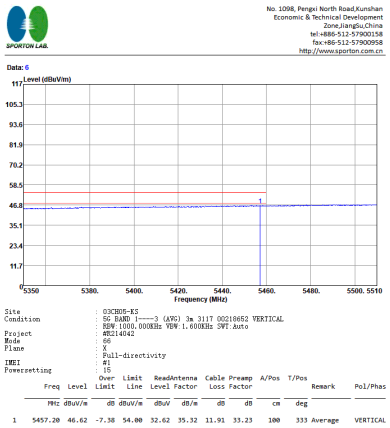
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

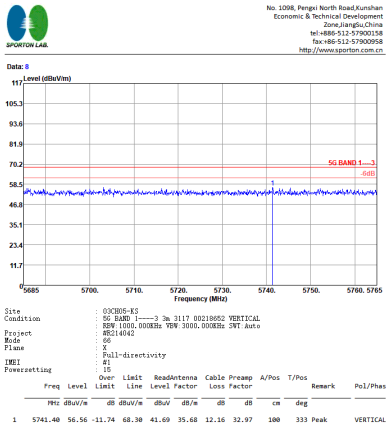
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

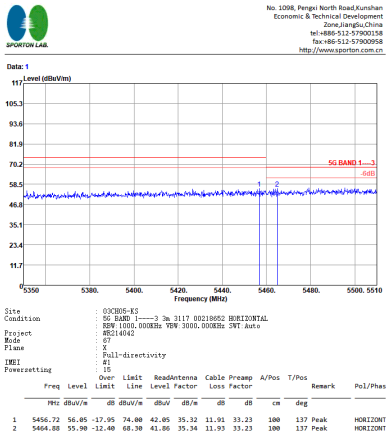
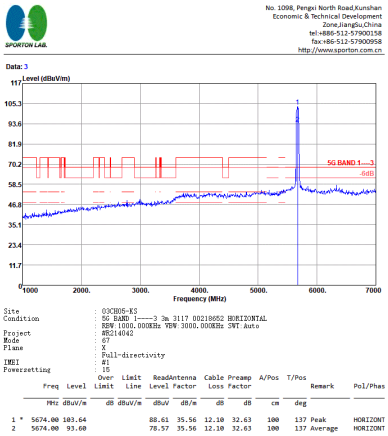
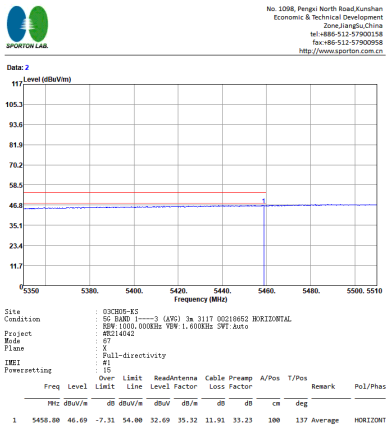
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Vertical	Fundamental
Peak		Left blank

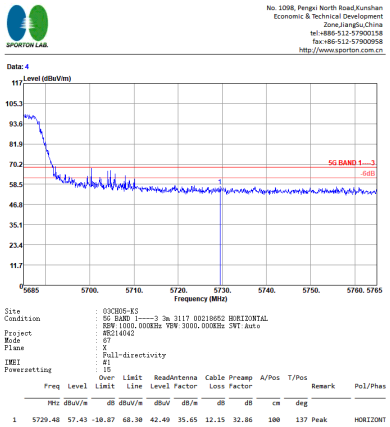
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

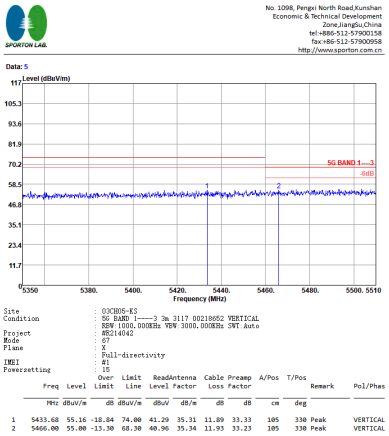
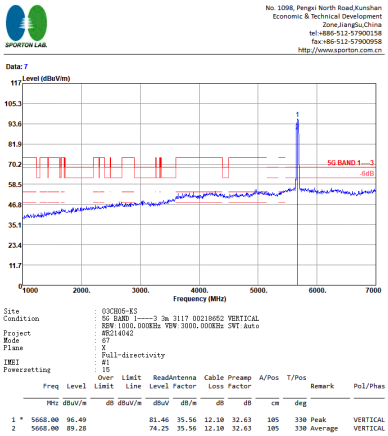
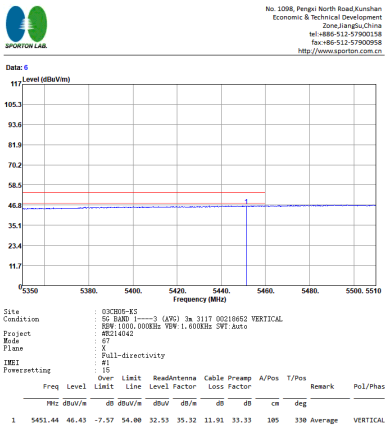
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

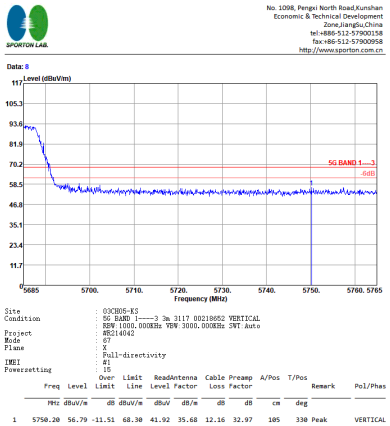
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Vertical	Fundamental
Peak		Left blank

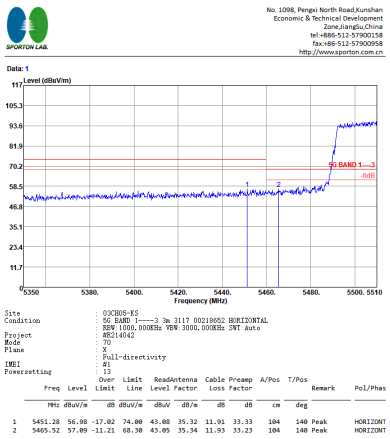
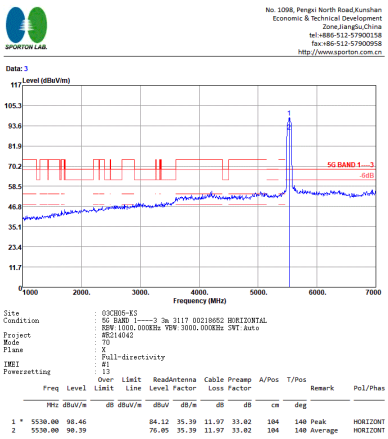
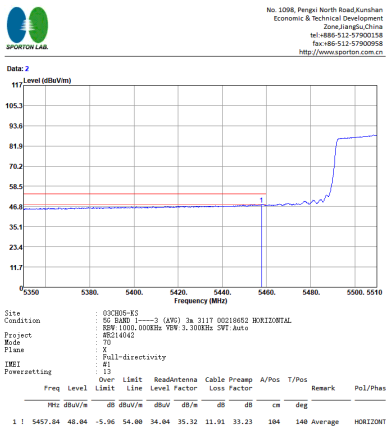
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

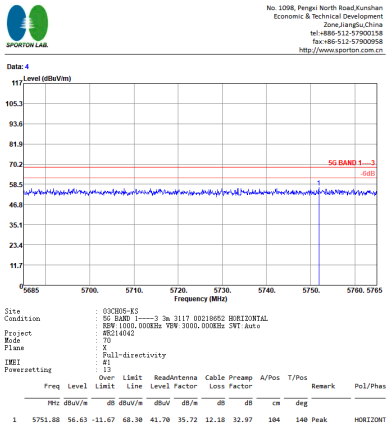
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

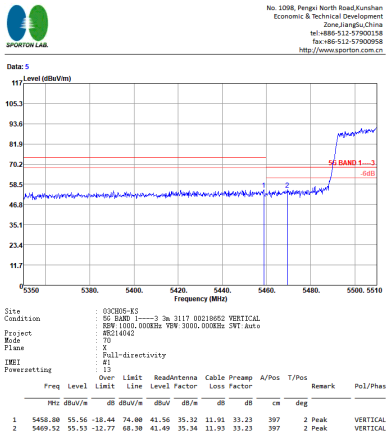
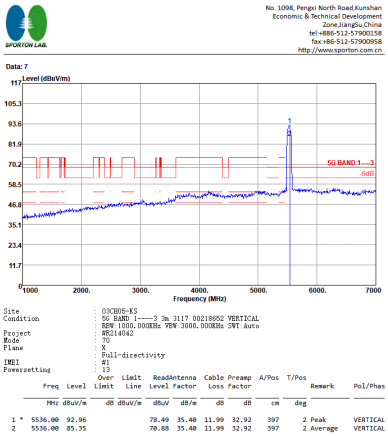
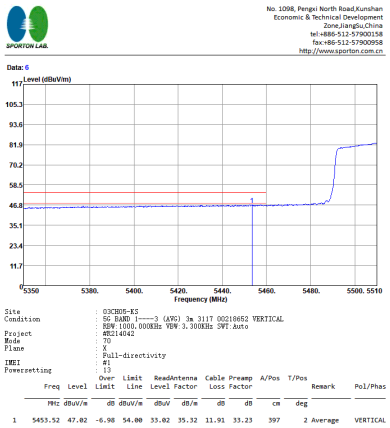
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

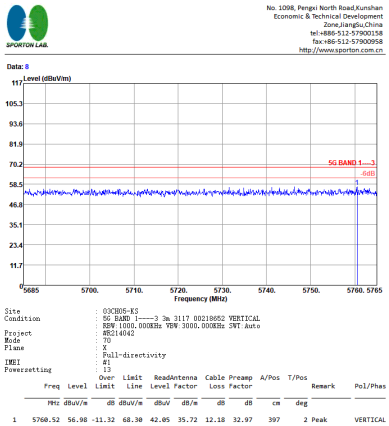
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Vertical	Fundamental
Peak		Left blank

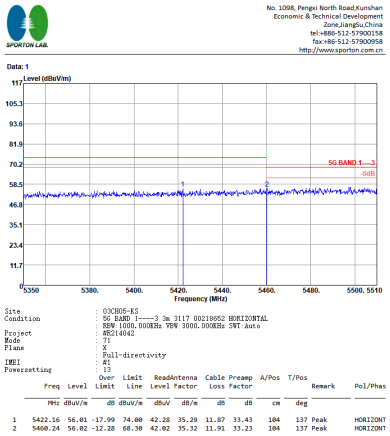
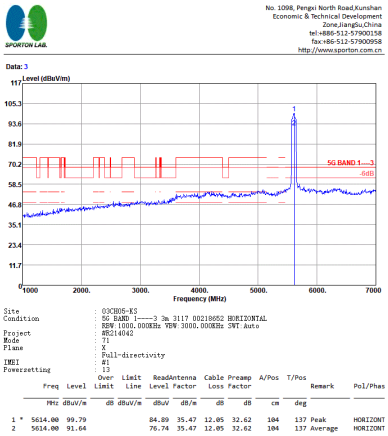
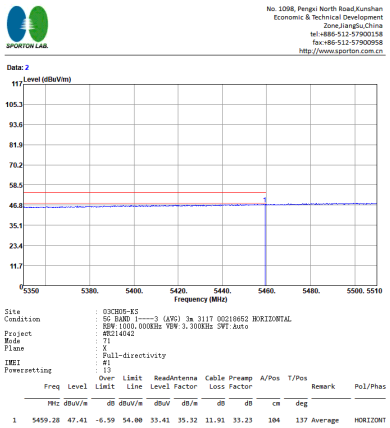
UNII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

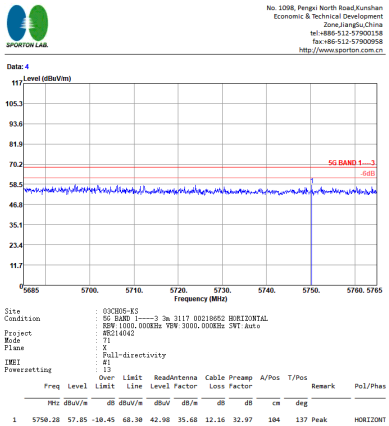
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

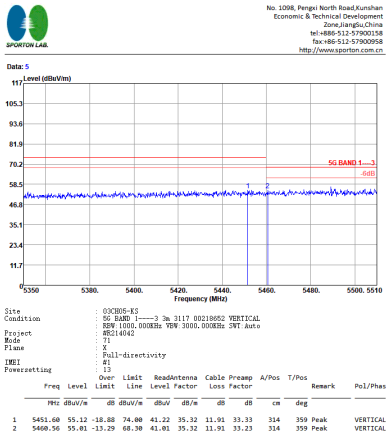
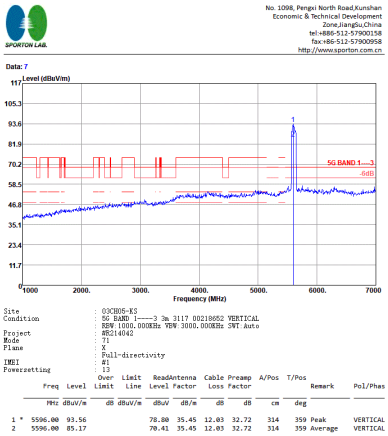
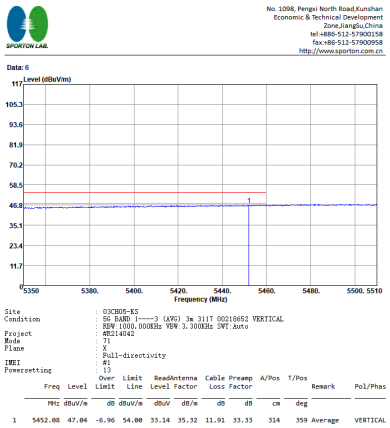
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

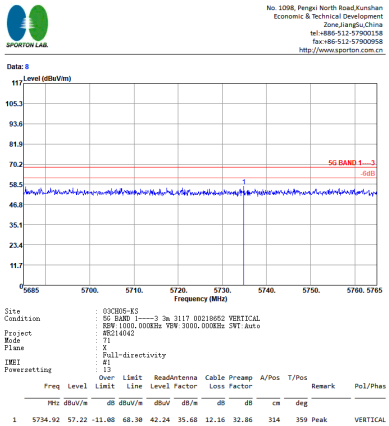
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
2	Vertical	Fundamental
Peak		Left blank

WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

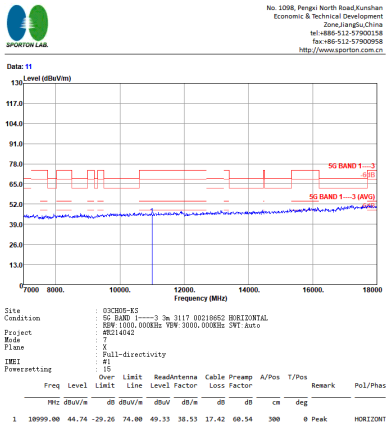
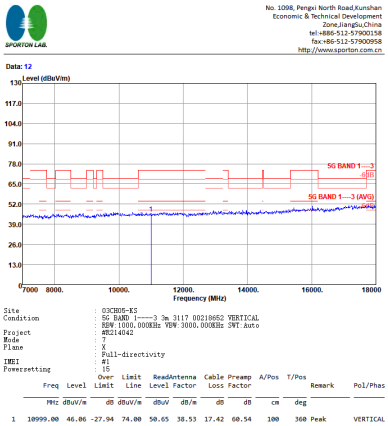
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

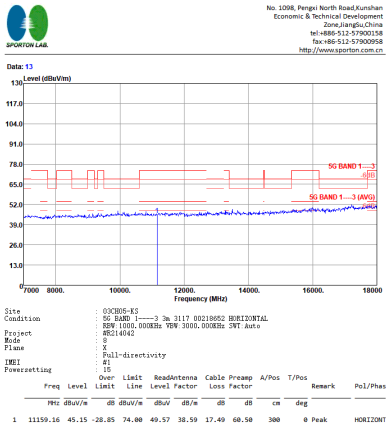
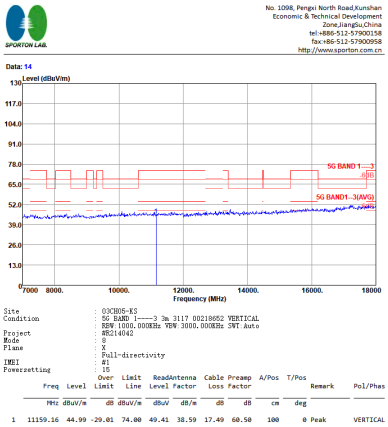
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

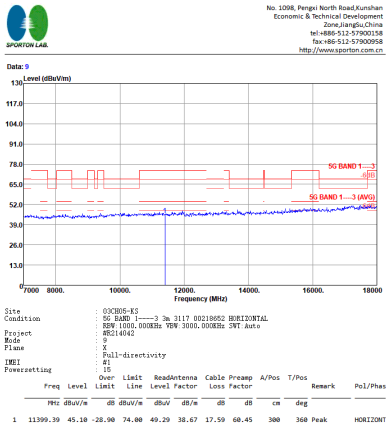
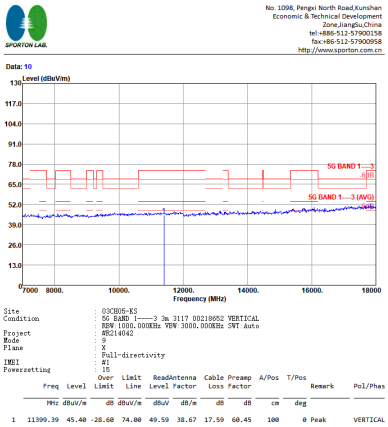
WIFI	UNII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Vertical	Fundamental
Peak		Left blank

UNII-2C - 5470~5725MHz---ANT 1

WIFI 802.11a (Harmonic @ 3m)

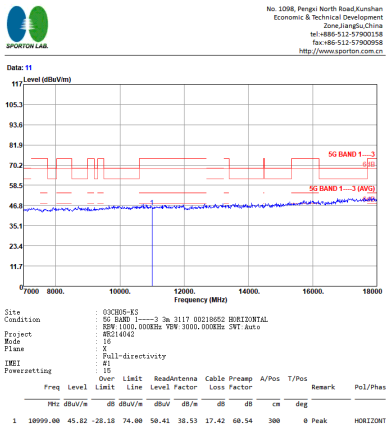
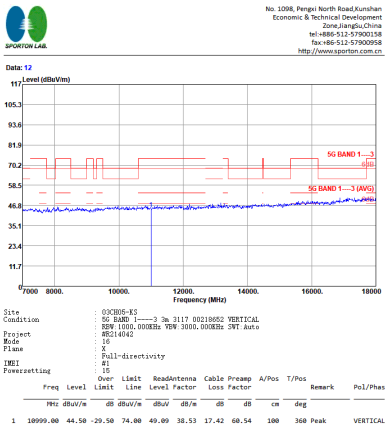
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

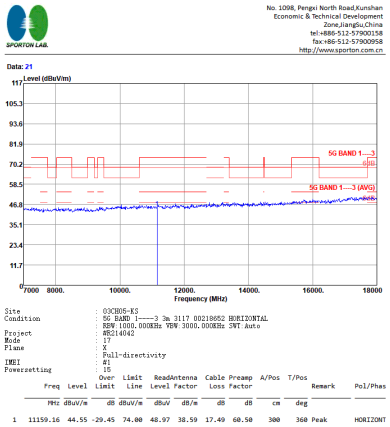
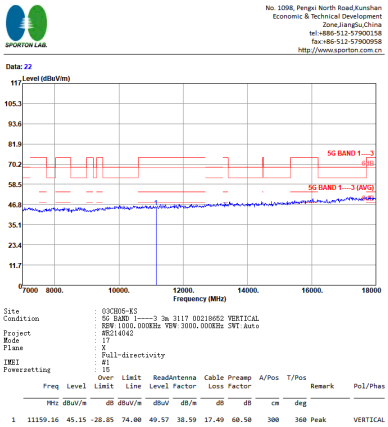
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 	

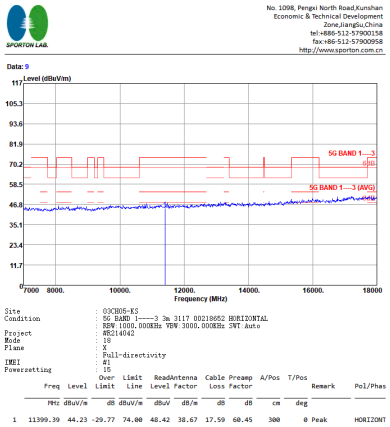
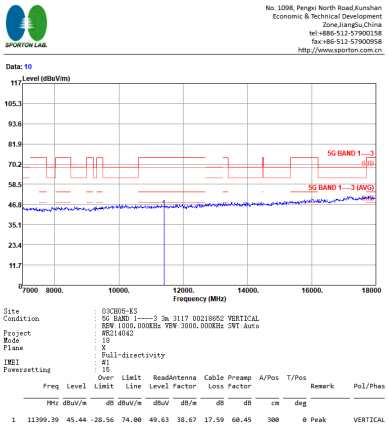
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 9 Level (dBuV/m) 5G BAND 1----3 5G BAND 1----3 (AVG) Frequency (MHz) Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : ARG214042 Mode : 9 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line 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 11399.39 45.10 -28.90 74.00 49.29 38.67 17.59 60.45 300 360 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: 10 Level (dBuV/m) 5G BAND 1----3 5G BAND 1----3 (AVG) Frequency (MHz) Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : ARG214042 Mode : 9 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line 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 11399.39 45.40 -28.60 74.00 49.59 38.67 17.59 60.45 100 0 Peak VERTICAL

UNII-2C 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

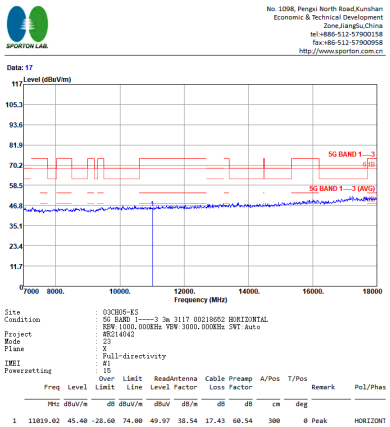
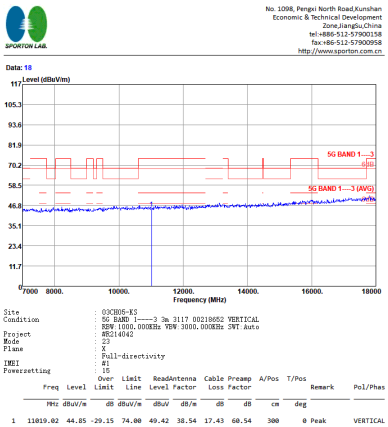
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 16 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10999.00 45.82 -28.18 74.00 50.41 38.53 17.42 60.54 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 16 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10999.00 44.50 -29.50 74.00 49.09 38.53 17.42 60.54 100 360 Peak VERTICAL

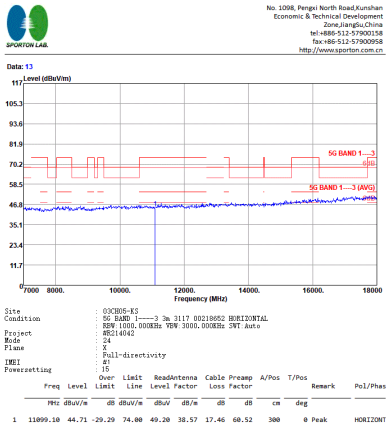
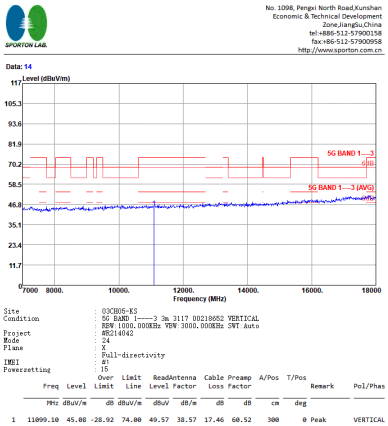
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

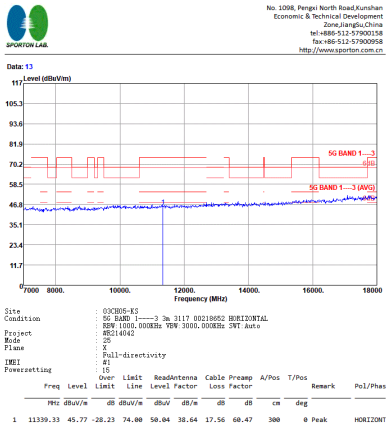
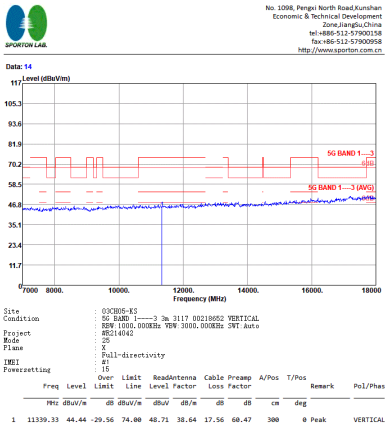
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : WR214042 Mode : 18 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 11399.39 44.23 -29.77 74.00 48.42 38.67 17.59 60.45 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : WR214042 Mode : 18 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 11399.39 45.44 -28.56 74.00 49.63 38.67 17.59 60.45 300 0 Peak VERTICAL

UNII-2C 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

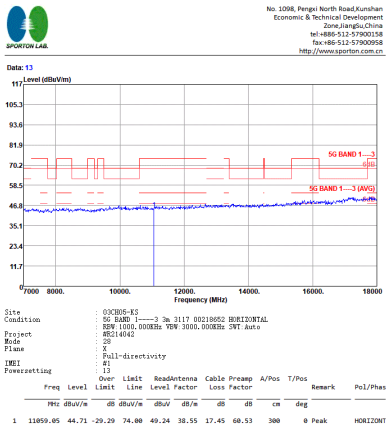
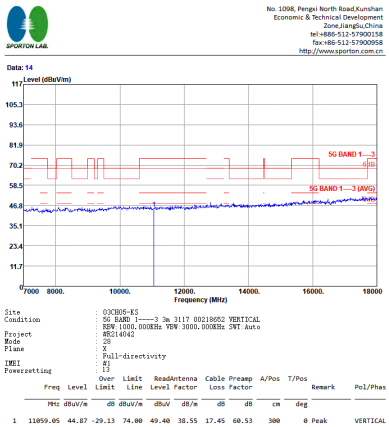
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 23 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 dBuV dB/m dB dB cm deg 1 11019.02 45.40 -28.60 74.00 49.97 38.54 17.43 60.54 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 23 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 dBuV dB/m dB dB cm deg 1 11019.02 44.85 -29.15 74.00 49.42 38.54 17.43 60.54 300 0 Peak VERTICAL

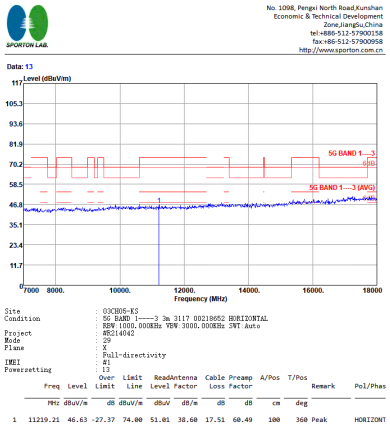
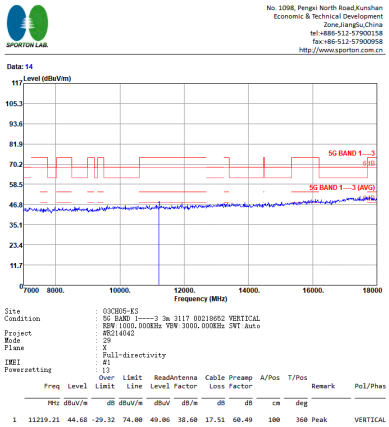
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : AR214042 Mode : 24 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 11099.10 44.71 -29.29 74.00 49.20 38.57 17.46 60.52 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : AR214042 Mode : 24 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 11099.10 45.08 -28.92 74.00 49.57 38.57 17.46 60.52 300 0 Peak VERTICAL

WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.		

UNII-2C 5470~5725MHz

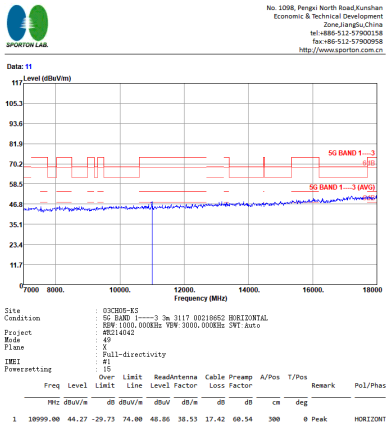
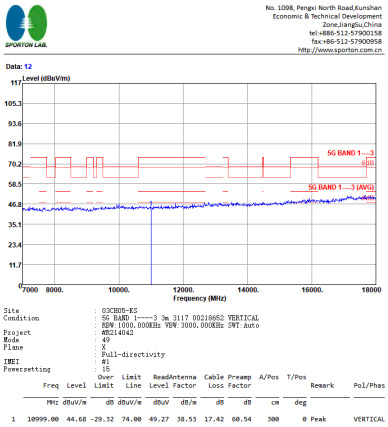
WIFI 802.11ac VHT80 (Harmonic @ 3m)

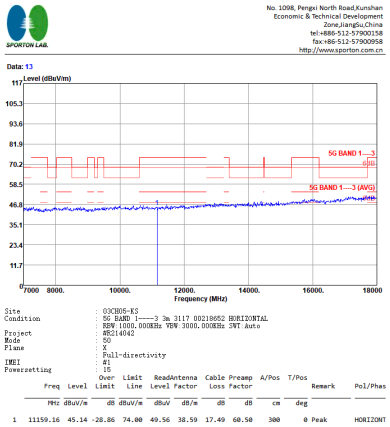
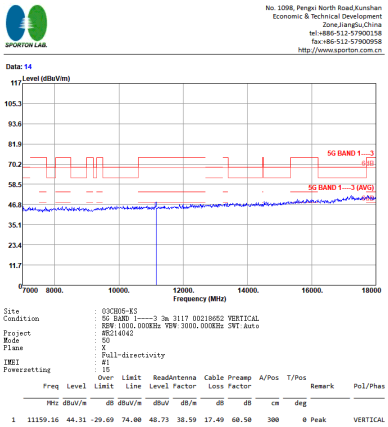
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 28 Plane : X IMEI : Full-directivity Powersetting : #1 : 13 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 11059.05 44.71 -29.29 74.00 49.24 38.55 17.45 60.53 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 28 Plane : X IMEI : Full-directivity Powersetting : #1 : 13 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 11059.05 44.87 -29.13 74.00 49.40 38.55 17.45 60.53 300 0 Peak VERTICAL

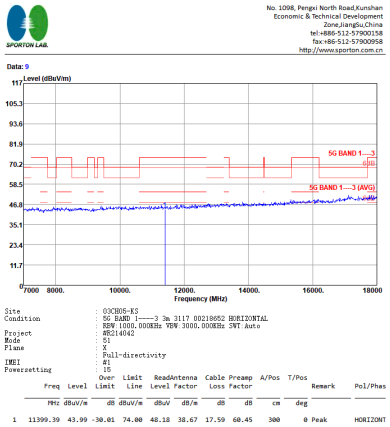
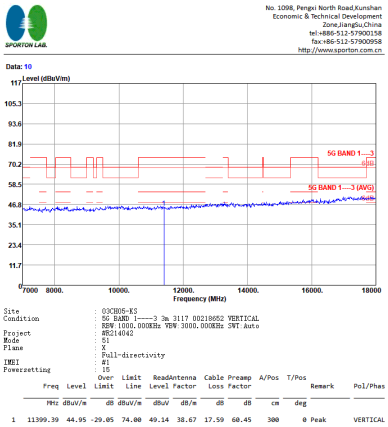
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.		

UNII-2C - 5470~5725MHz---ANT 2

WIFI 802.11a (Harmonic @ 3m)

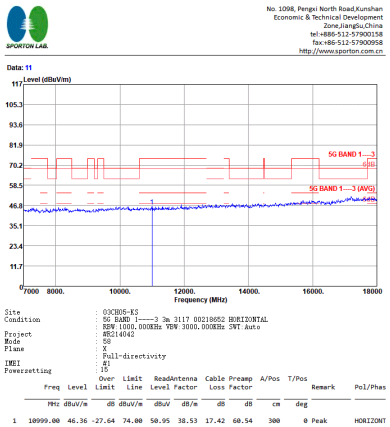
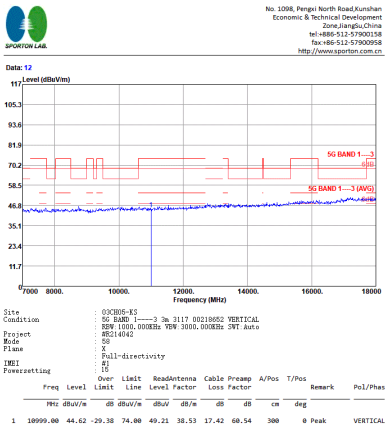
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.		

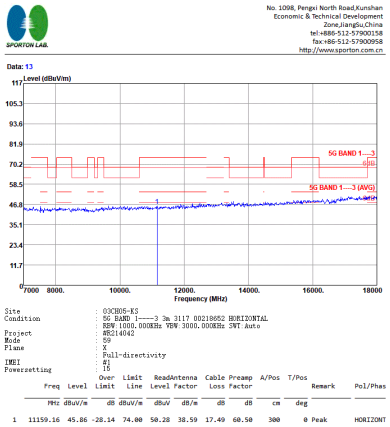
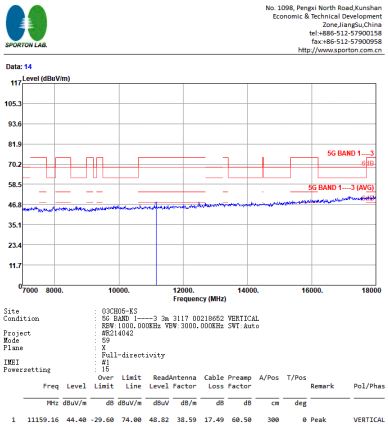
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.	 Data: 13 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : #R214042 Mode : 5G Plane : X : Full-directivity IMEI : #1 Powersetting : 15 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 11159.16 45.14 -28.86 74.00 49.56 38.59 17.49 60.50 300 0 Peak HORIZONT	 Data: 14 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : #R214042 Mode : 5G Plane : X : Full-directivity IMEI : #1 Powersetting : 15 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 11159.16 44.31 -29.69 74.00 48.73 38.59 17.49 60.50 300 0 Peak VERTICAL

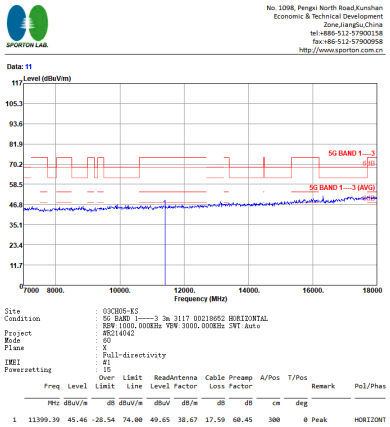
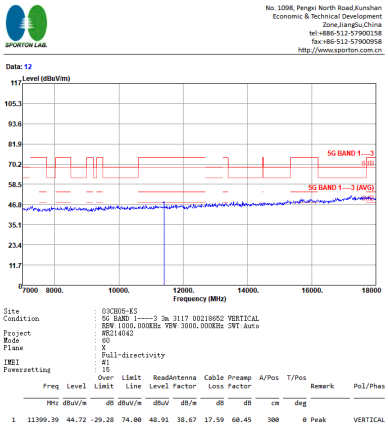
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.		

UNII-2C 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

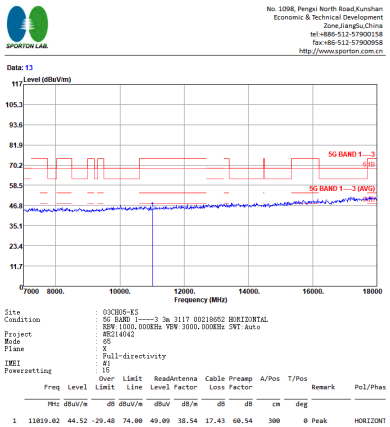
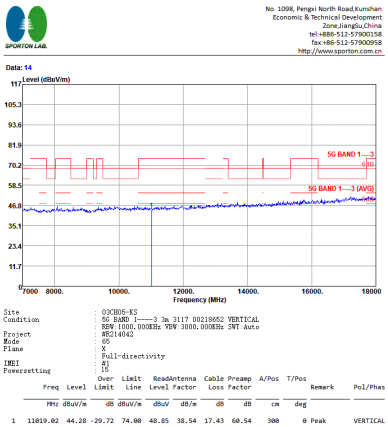
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 58 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 10999.00 46.36 -27.64 74.00 50.95 38.53 17.42 60.54 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 58 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 10999.00 44.62 -29.38 74.00 49.21 38.53 17.42 60.54 300 0 Peak VERTICAL

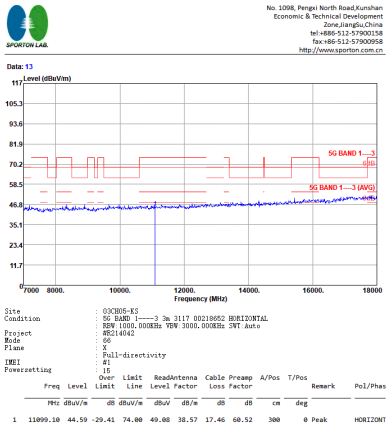
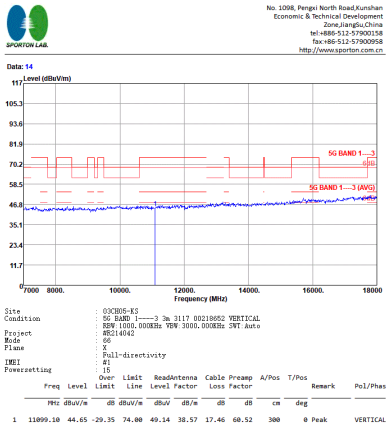
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.		

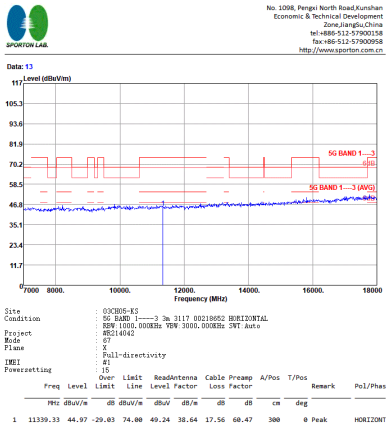
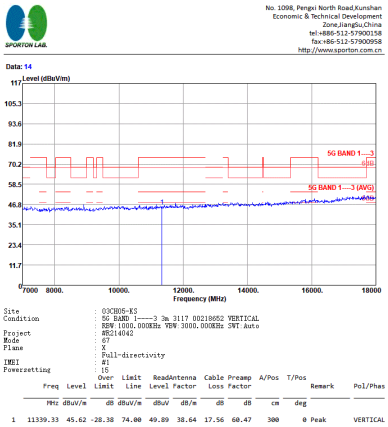
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 11 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : RR214042 Mode : 60 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line ReadAntenna Level Cable Loss Preamp Factor Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 11399.39 45.46 -28.54 74.00 49.65 38.67 17.59 60.45 300 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: 12 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz INT:Auto Project : RR214042 Mode : 60 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line ReadAntenna Level Cable Loss Preamp Factor Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 11399.39 44.72 -29.28 74.00 48.91 38.67 17.59 60.45 300 0 Peak VERTICAL

UNII-2C 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

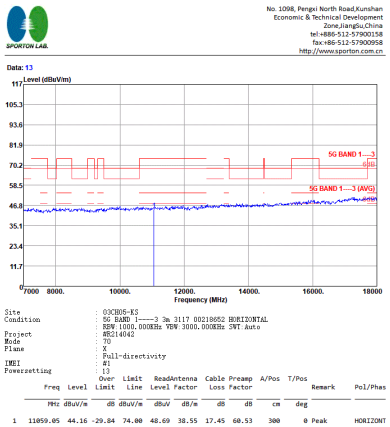
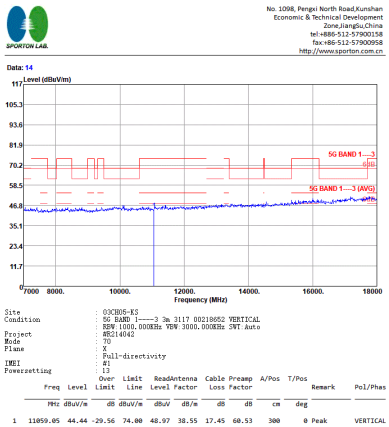
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
2	Horizontal	Vertical
Peak Avg.	 Data: 13 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 65 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 11019.02 44.52 -29.48 74.00 49.09 38.54 17.43 60.54 300 0 Peak HORIZONT	 Data: 14 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 65 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 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 11019.02 44.28 -29.72 74.00 48.85 38.54 17.43 60.54 300 0 Peak VERTICAL

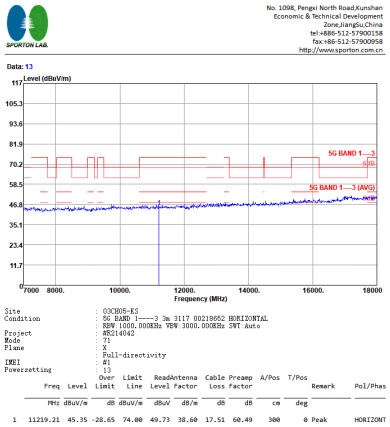
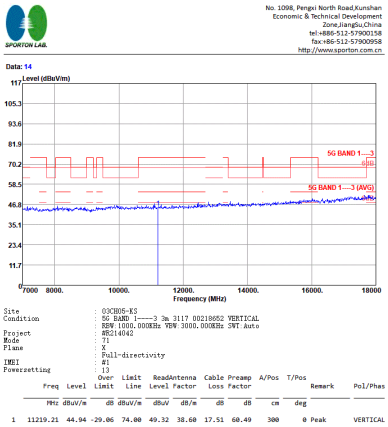
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
2	Horizontal	Vertical
Peak Avg.	 	

UNII-2C 5470~5725MHz

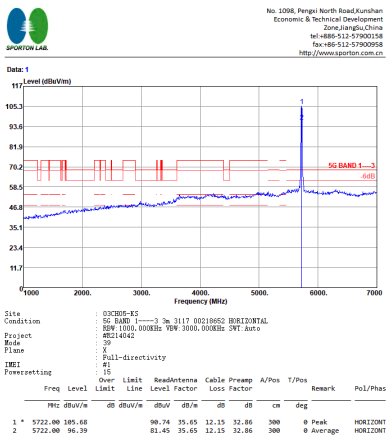
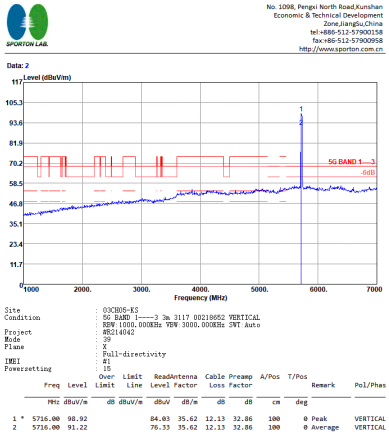
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
2	Horizontal	Vertical
Peak Avg.	 	

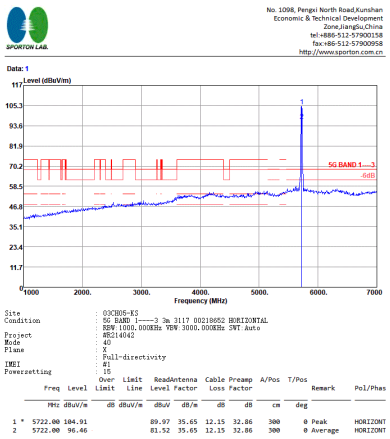
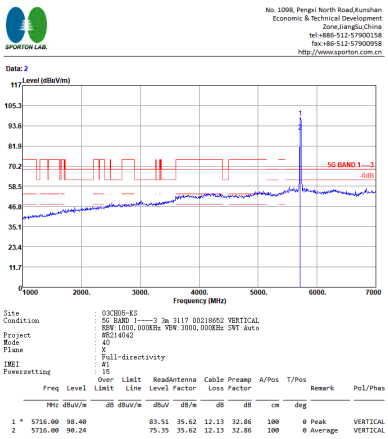
WIFI	UNII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
2	Horizontal	Vertical
Peak Avg.		

UNII-2C - Straddle Channel---ANT 1

WIFI 802.11a (Band Edge @ 3m)

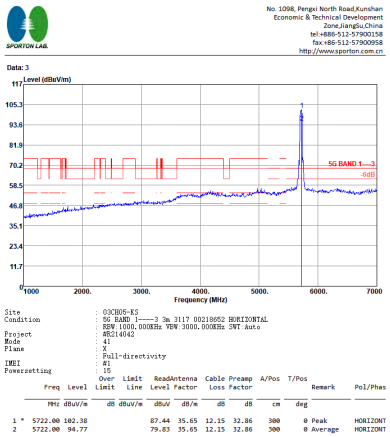
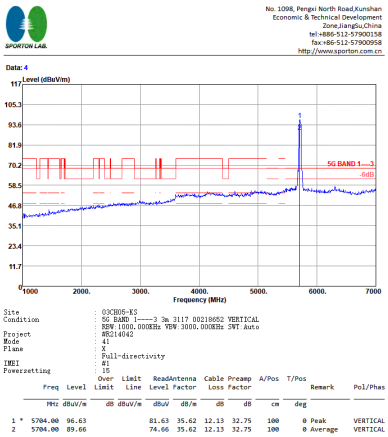
WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak		

UNII-2C – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz	
1	Horizontal	Vertical
Peak		

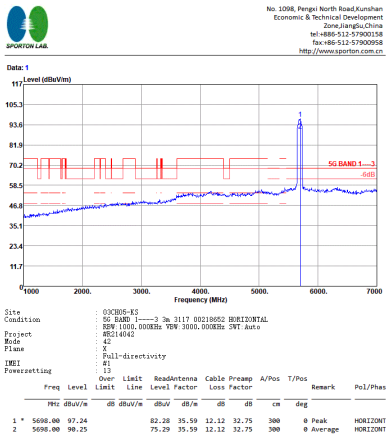
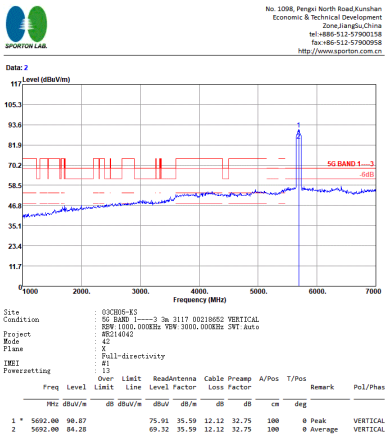
UNII-2C – Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Horizontal	Vertical
Peak		

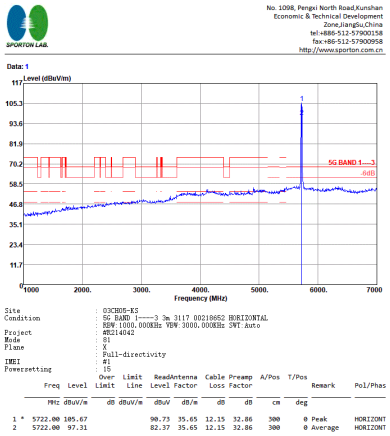
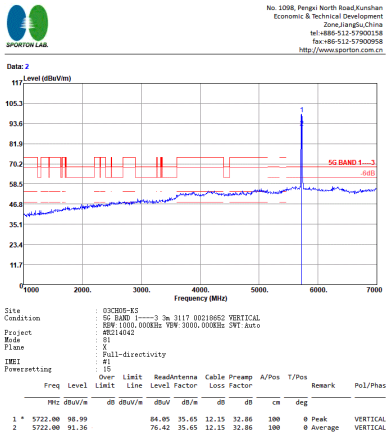
UNII-2C – Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Horizontal	Vertical
Peak		

UNII-2C - Straddle Channel---ANT 2

WIFI 802.11a (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
2	Horizontal	Vertical
Peak		

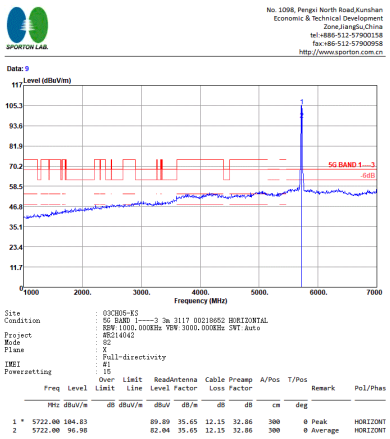
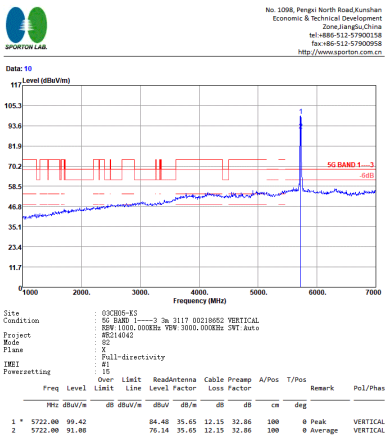
Site : 03CH05-XS
Condition : 5G BAND 1----3.3m 3117 00210652 HORIZONTAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Project : #R214042
Mode : 81
Plane : X
: Full-directivity
IMEI : #1
Powersetting : 15

	Freq	Level	Over Limit	Limit Line	ReadAntenna 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 *	5722.00	105.67			90.73	35.65	12.15	32.86	300	0	Peak	HORIZONT
2	5722.00	97.31			82.37	35.65	12.15	32.86	300	0	Average	HORIZONT

Site : 03CH05-XS
Condition : 5G BAND 1----3.3m 3117 00210652 VERTICAL
: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Project : #R214042
Mode : 81
Plane : X
: Full-directivity
IMEI : #1
Powersetting : 15

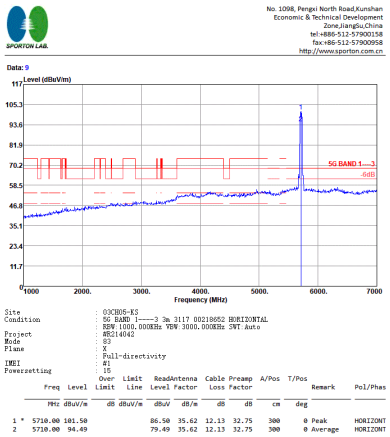
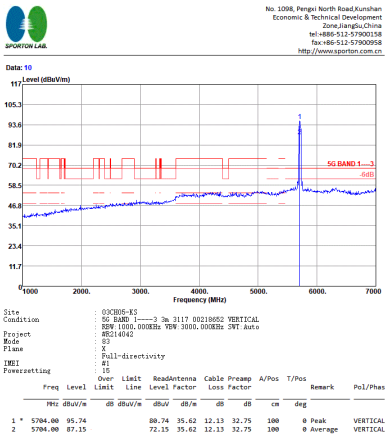
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phas
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1 *	5722.00	98.99			84.05	35.65	12.15	32.86	100	0	Peak	VERTICAL
2	5722.00	91.36			76.42	35.65	12.15	32.86	100	0	Average	VERTICAL

UNII-2C – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
2	Horizontal	Vertical
Peak	 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: 9 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 1000 2000. 3000. 4000. 5000. 6000. 7000 Frequency (MHz) 5G BAND 1----3 -6dB Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00210652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : AR214042 Mode : B2 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 * 5722.00 104.83 89.89 35.65 12.15 32.86 300 0 Peak HORIZONT 2 5722.00 96.98 82.04 35.65 12.15 32.86 300 0 Average 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: 10 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 1000 2000. 3000. 4000. 5000. 6000. 7000 Frequency (MHz) 5G BAND 1----3 -6dB Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00210652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : AR214042 Mode : B2 Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit 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 * 5722.00 99.42 84.48 35.65 12.15 32.86 100 0 Peak VERTICAL 2 5722.00 91.08 76.14 35.65 12.15 32.86 100 0 Average VERTICAL

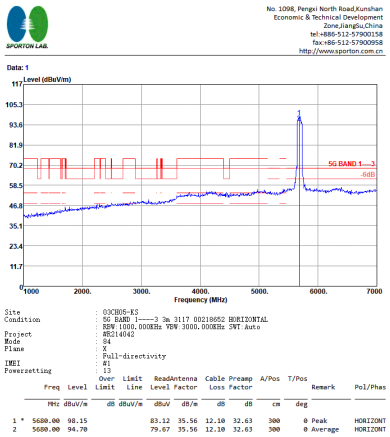
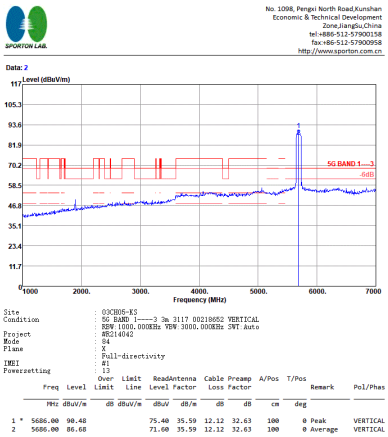
UNII-2C – Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
2	Horizontal	Vertical
Peak		

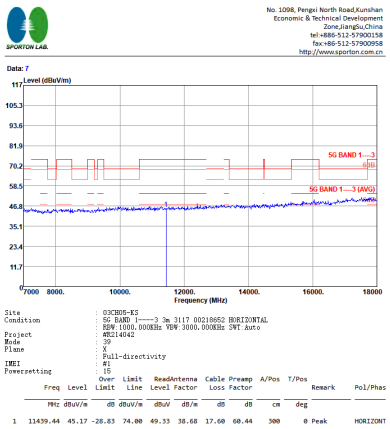
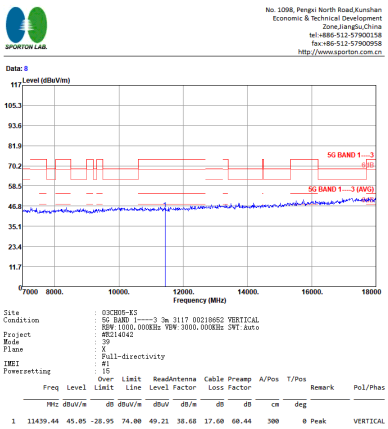
UNII-2C – Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	UNII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
2	Horizontal	Vertical
Peak			

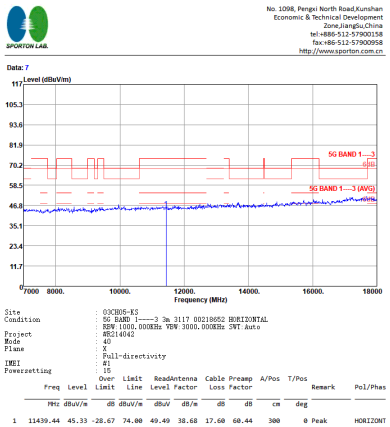
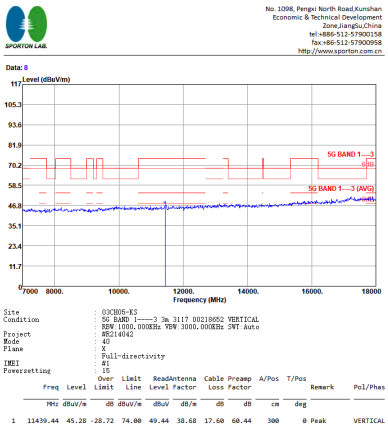
UNII-2C - Straddle Channel---ANT 1

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.		

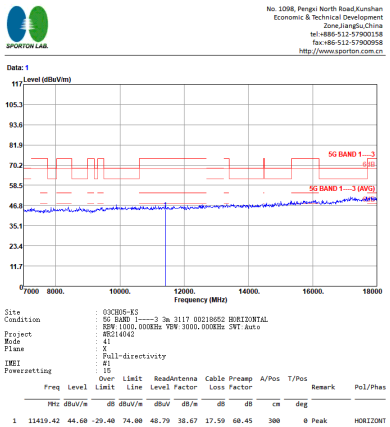
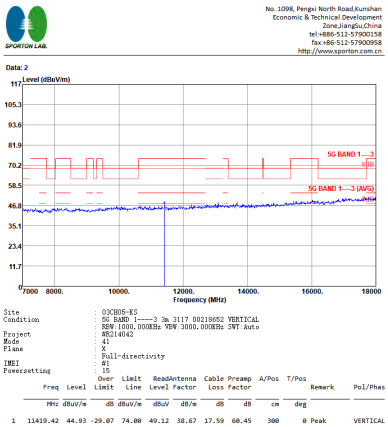
UNII-2C – Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.		

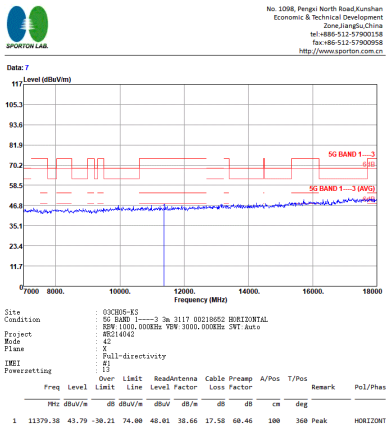
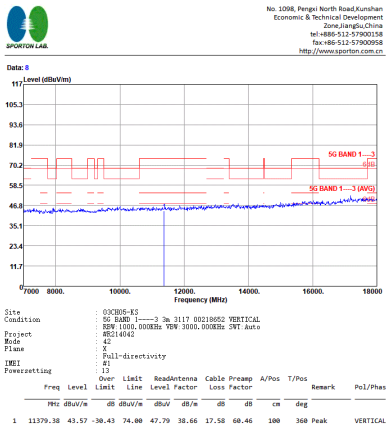
UNII-2C – Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.		

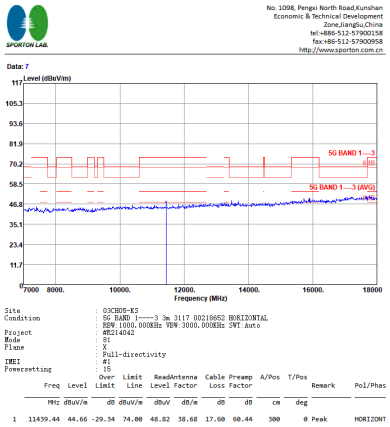
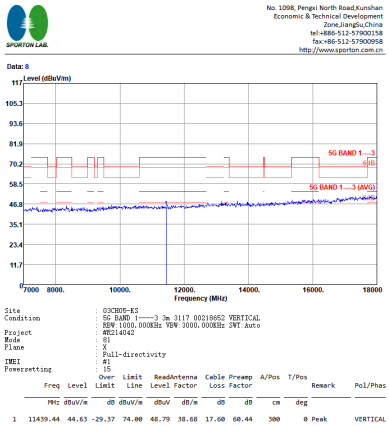
UNII-2C – Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.		

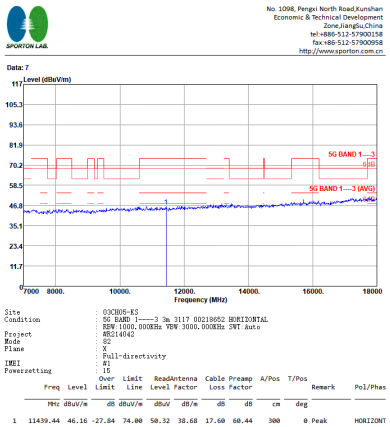
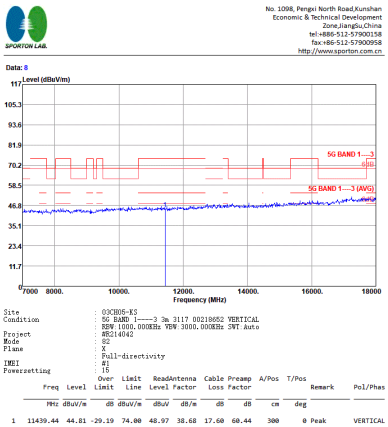
UNII-2C - Straddle Channel---ANT 2

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
2	Horizontal	Vertical
Peak Avg.		

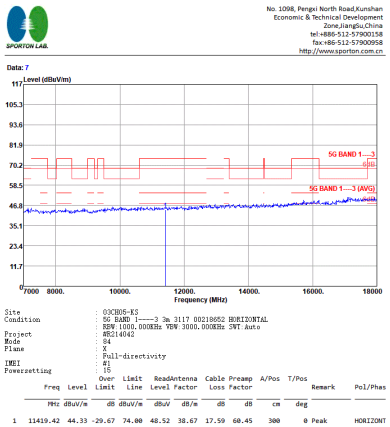
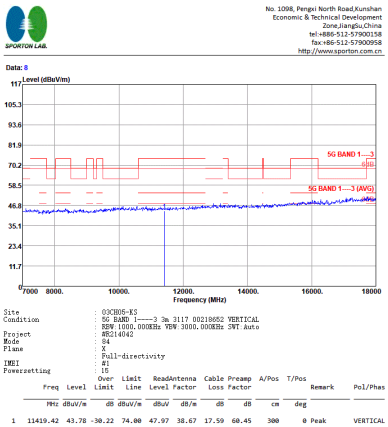
UNII-2C – Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
2	Horizontal	Vertical
Peak Avg.		

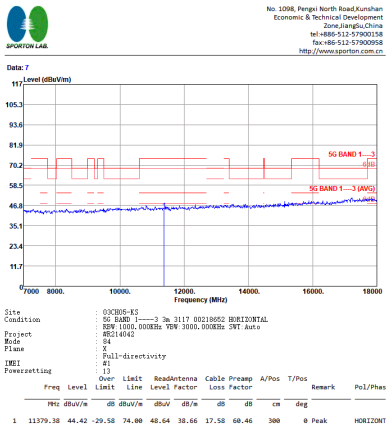
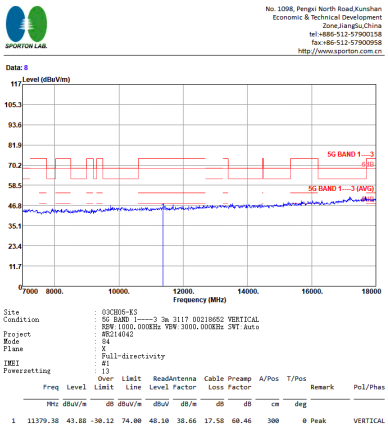
UNII-2C – Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EC14042 Mode : 84 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Freq Level Over Limit Limit 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 11419.42 44.33 -29.67 74.00 48.52 38.67 17.59 60.45 300 0 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117.00218652 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EC14042 Mode : 84 Plane : X IMEI : Full-directivity Powersetting : #1 : 15 Freq Level Over Limit Limit 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 11419.42 43.78 -30.22 74.00 47.97 38.67 17.59 60.45 300 0 Peak VERTICAL

UNII-2C – Straddle Channel

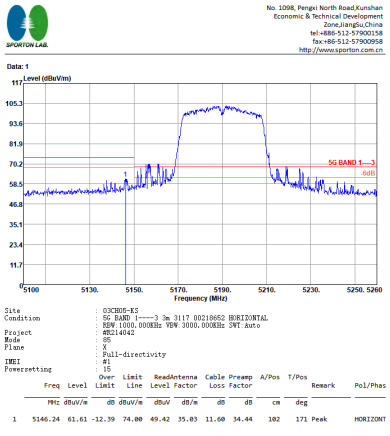
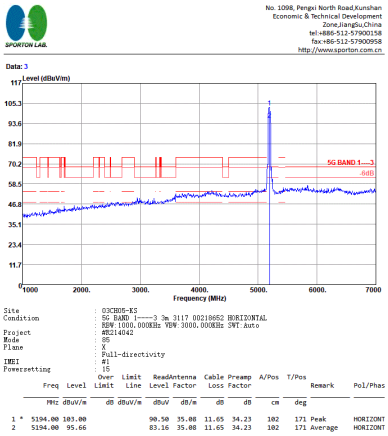
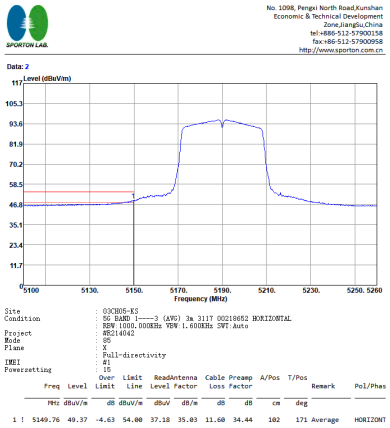
WIFI 802.11ac VHT80 (Harmonic @ 3m)

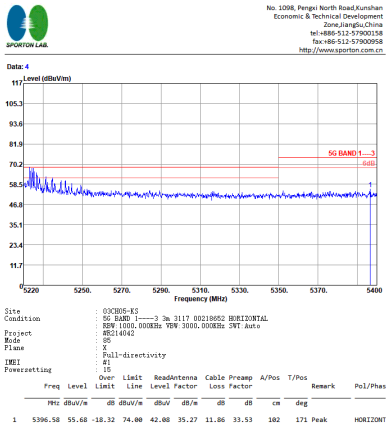
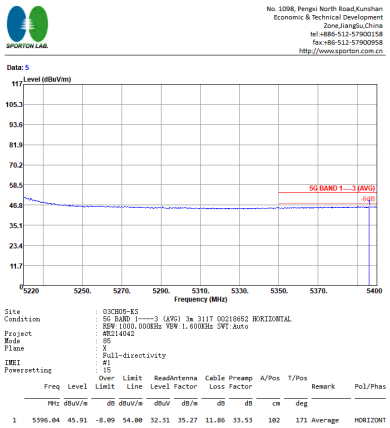
WIFI	UNII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
2	Horizontal	Vertical
Peak Avg.		

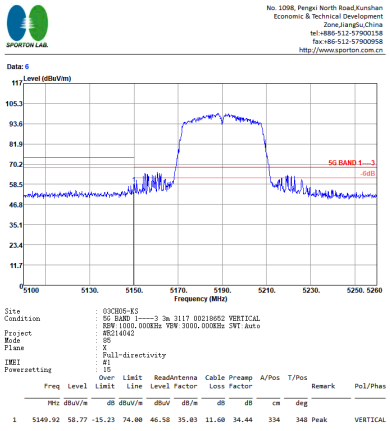
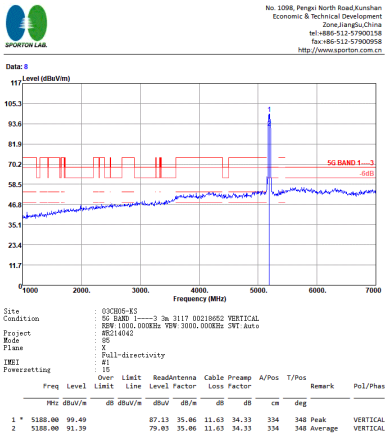
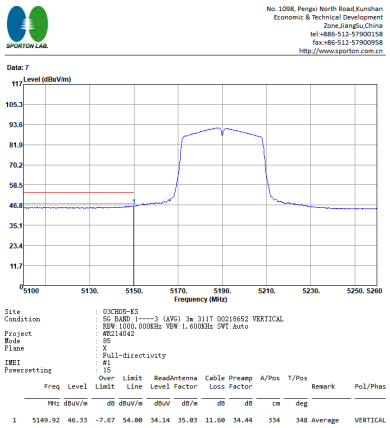
WIFI Tx With AP15(US)

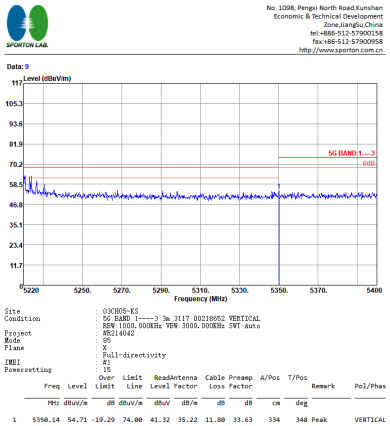
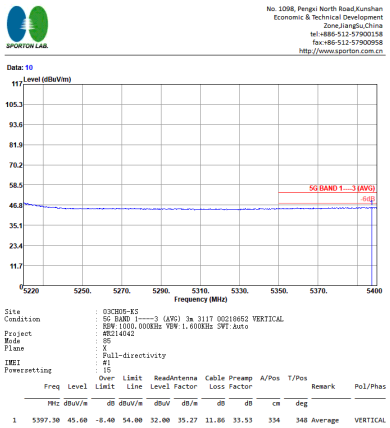
UNII-1 - 5150~5250MHz---ANT 1

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	UNII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

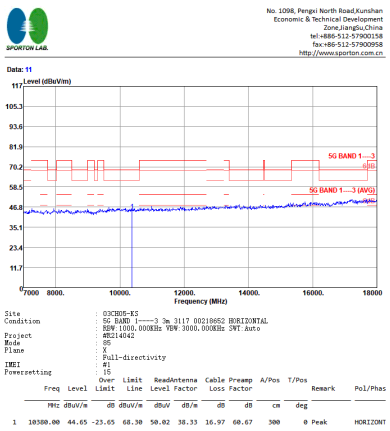
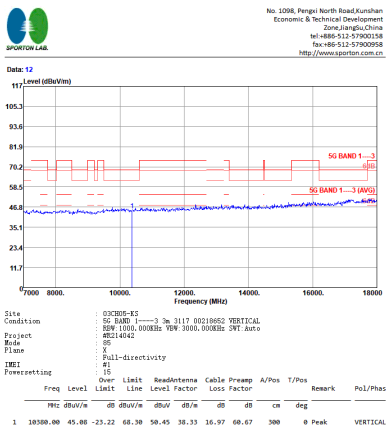
WIFI	UNII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

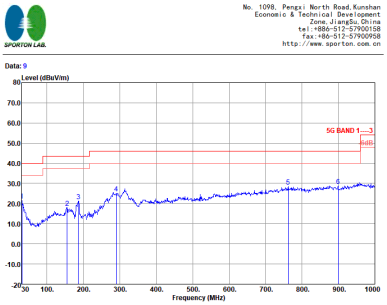
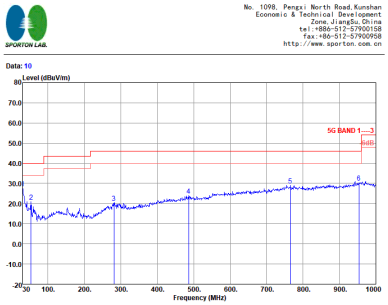
UNII-1 - 5150~5250MHz---ANT 1

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	UNII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

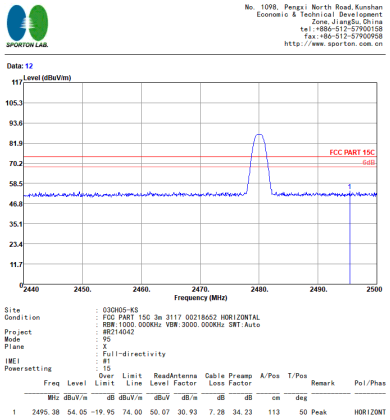
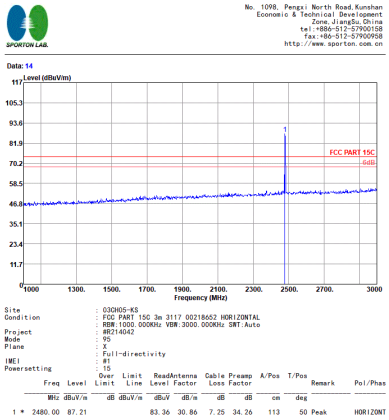
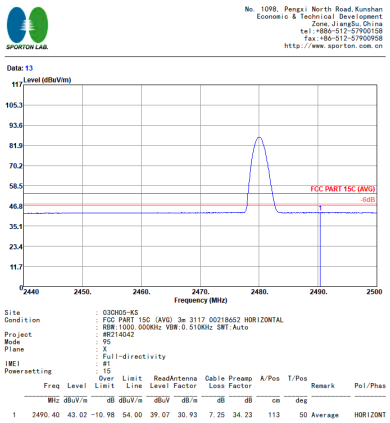
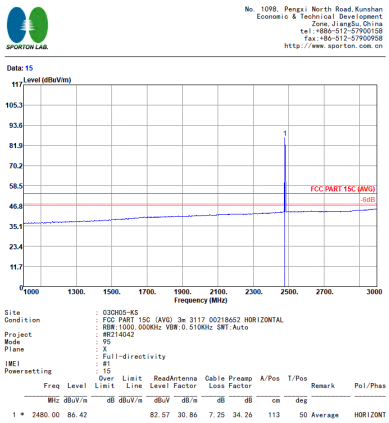
5GHz WIFI 802.11n HT40 (LF)

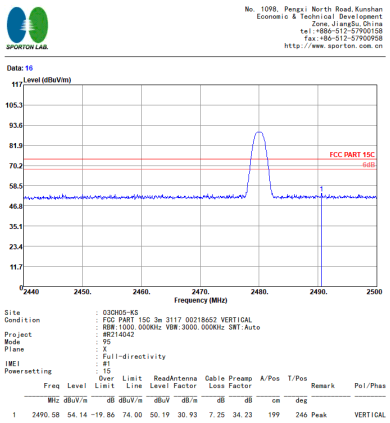
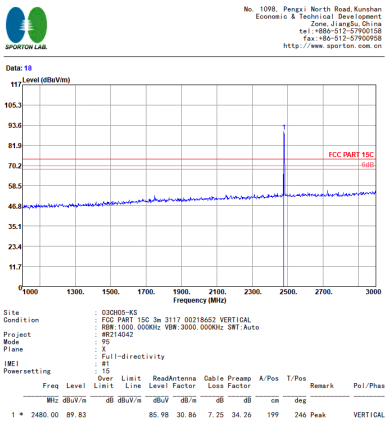
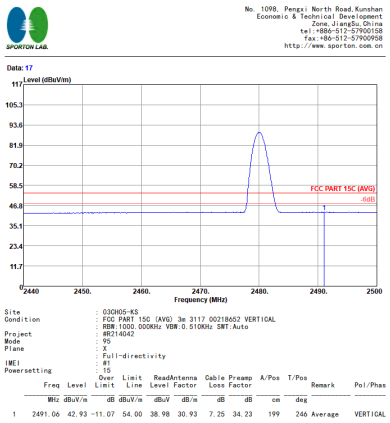
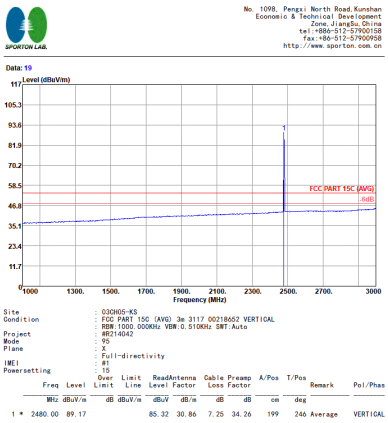
WIFI	5GHz WIFI	
ANT	802.11n HT40 LF	
1	Horizontal	Vertical
QP / Peak			

Co-location

2.4GHz 2400~2483.5MHz

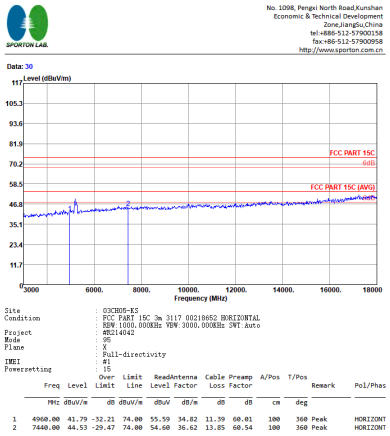
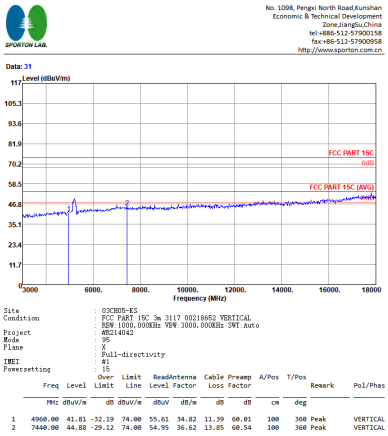
WIFI 802.11n HT40&BLE_Tx_Ch39 (Band Edge @ 3m)

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.		

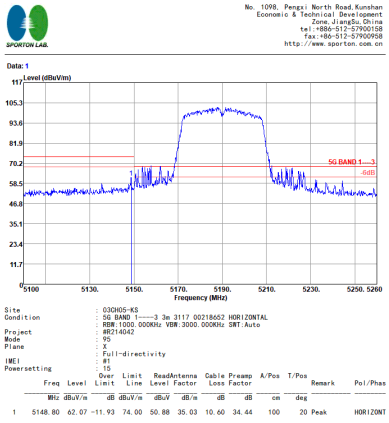
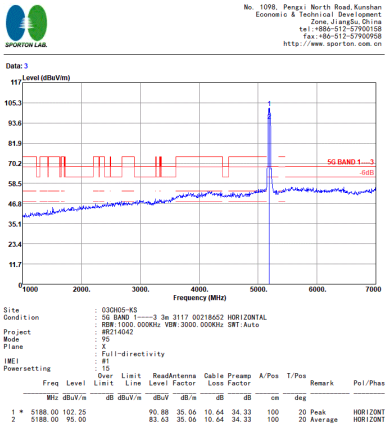
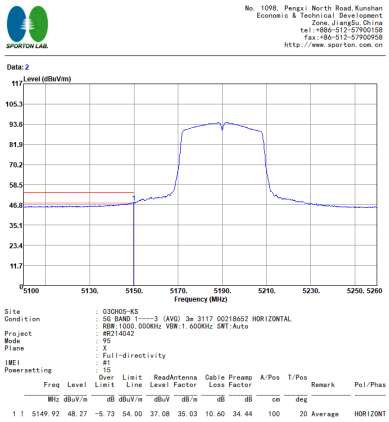
2.4GHz 2400~2483.5MHz

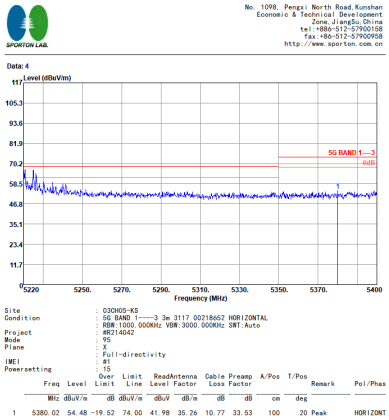
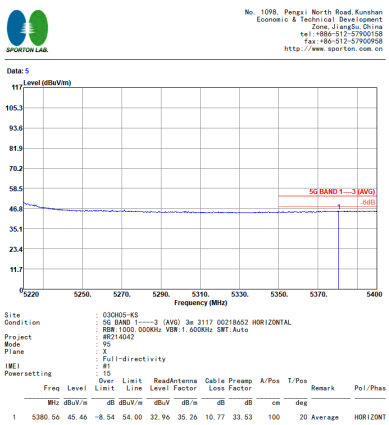
WIFI 802.11n HT40&BLE_Tx_Ch39 (Harmonic @ 3m)

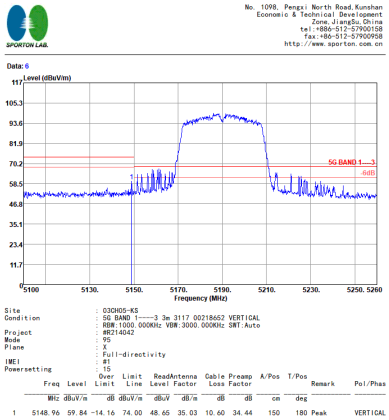
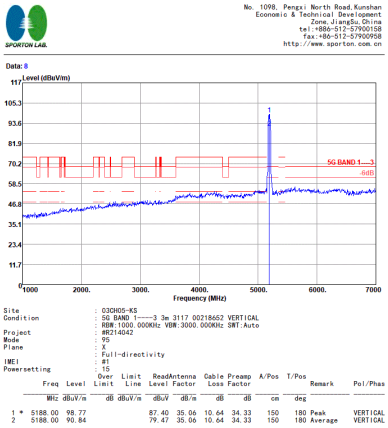
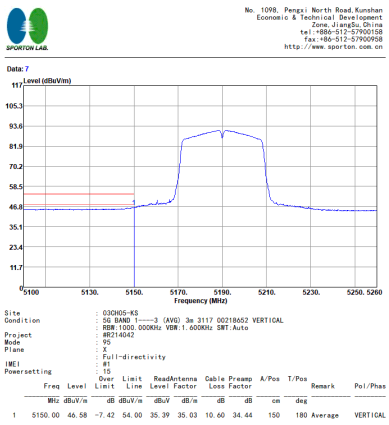
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak		

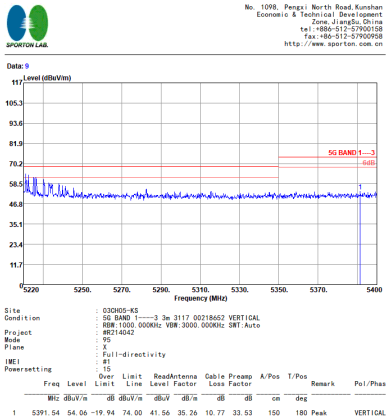
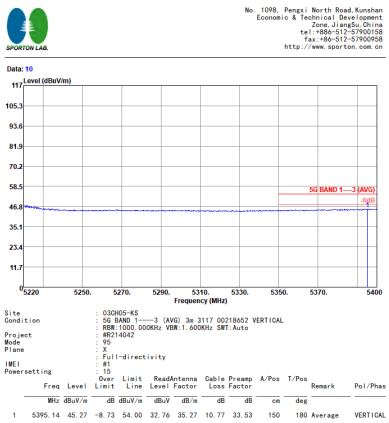
Band 1 - 5150~5250MH

WIFI 802.11n HT40&BLE_Tx_Ch39 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

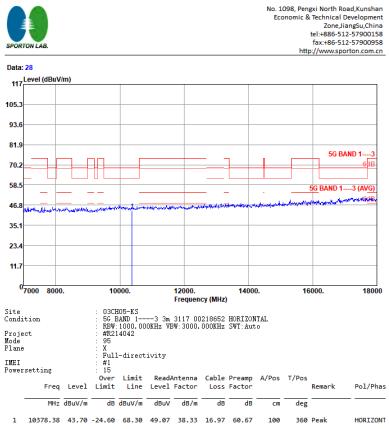
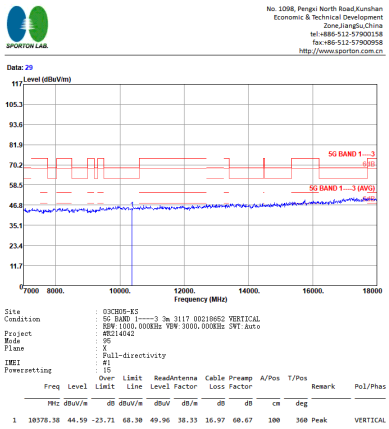
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11n HT40&BLE_Tx_Ch39 (Harmonic @ 3m)

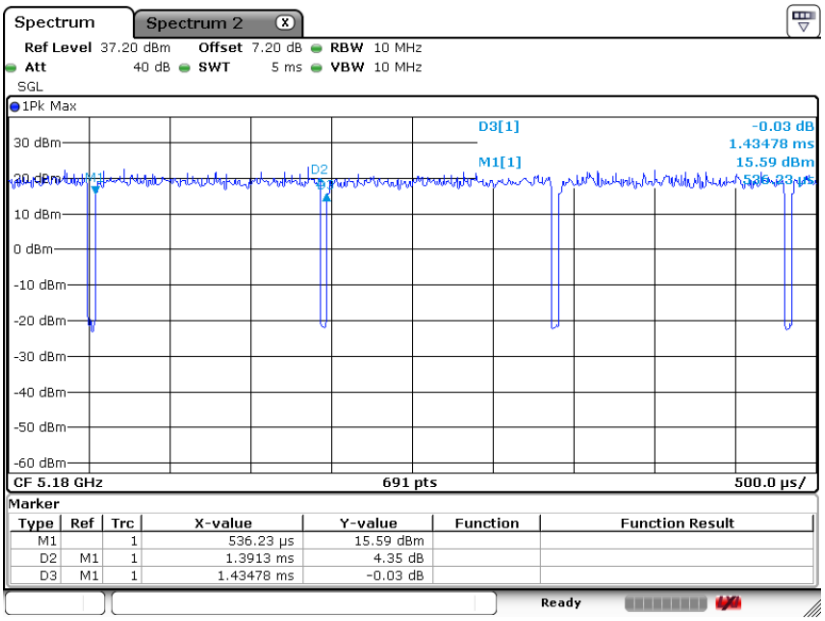
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 5G Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line 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 10378.38 43.70 -24.60 68.30 49.07 38.33 16.97 60.67 100 360 Peak HORIZONT	 Site : 03CH05-KS Condition : 5G BAND 1----3 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : #EZ14042 Mode : 5G Plane : X : Full-directivity IMEI : #1 Powersetting : 15 Freq Level Over Limit Limit Line 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 10378.38 44.59 -23.71 68.30 49.96 38.33 16.97 60.67 100 360 Peak VERTICAL

Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1	802.11a	96.97	1.391	0.719	0.75KHz
1	802.11n HT20	96.74	1.290	0.775	0.82KHz
1	802.11n HT40	93.63	0.639	1.565	1.6KHz
1	802.11ac VHT80	88.23	0.326	3.067	3.3KHz
2	802.11a	96.97	1.391	0.719	0.75KHz
2	802.11n HT20	96.74	1.290	0.775	0.82KHz
2	802.11n HT40	93.62	0.638	1.568	1.6KHz
2	802.11ac VHT80	88.19	0.325	3.080	3.3KHz

<Ant.1>

802.11a



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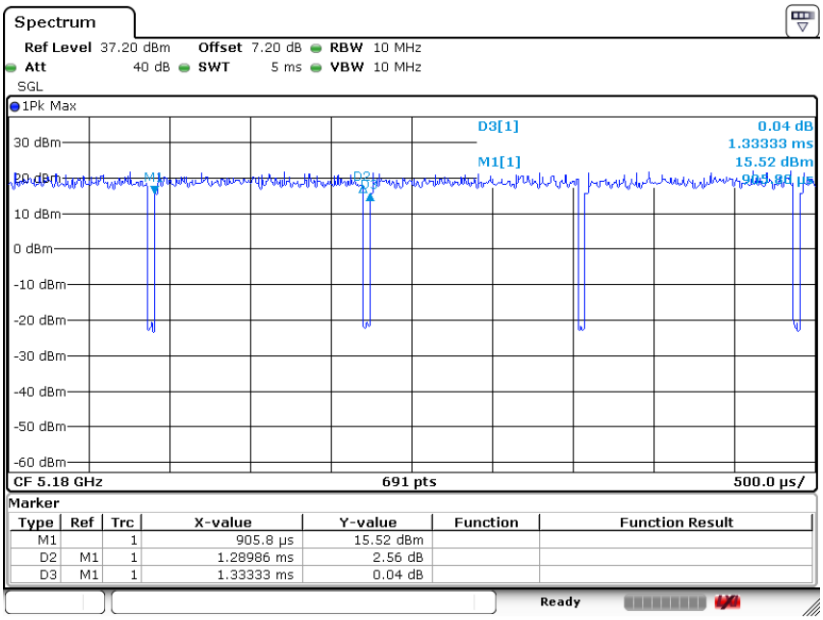
802.11n HT20



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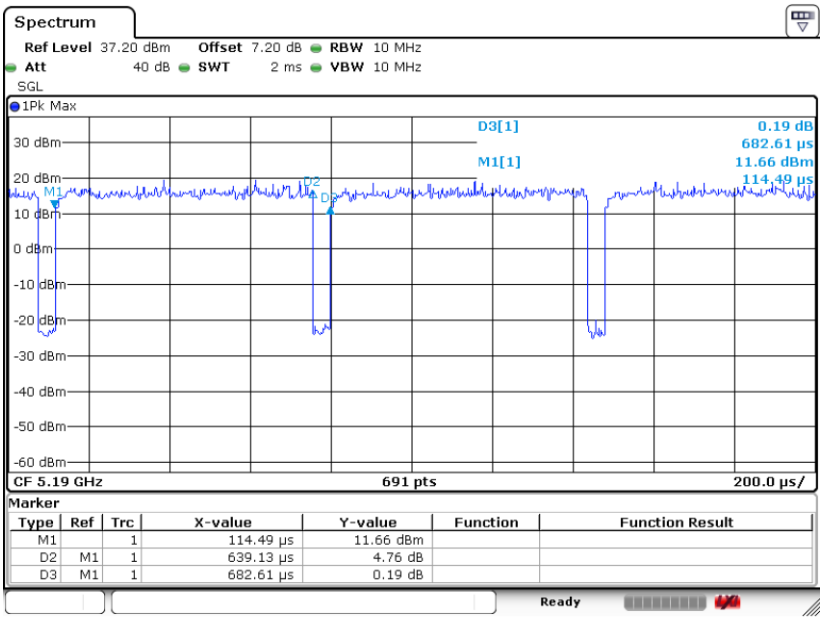

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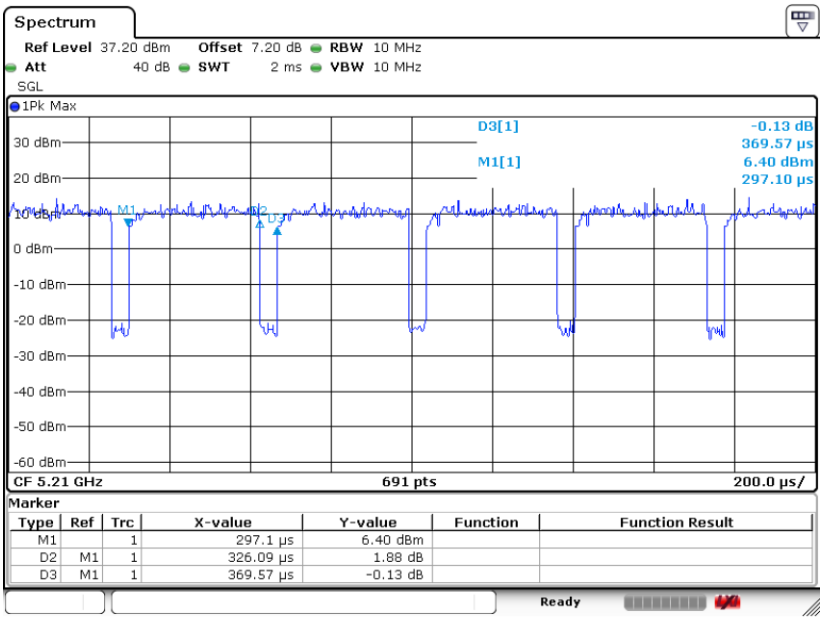
802.11ac VHT80



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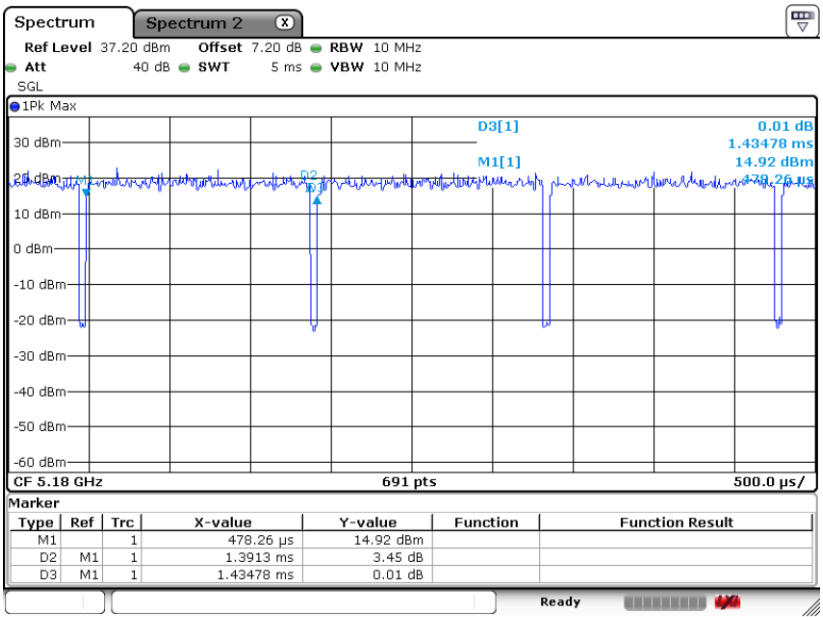
802.11a



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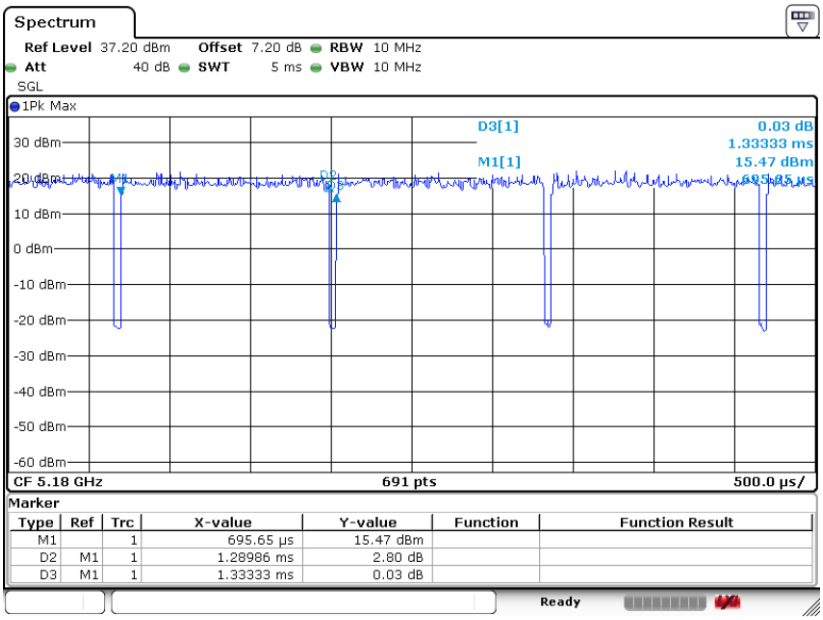
802.11n HT20



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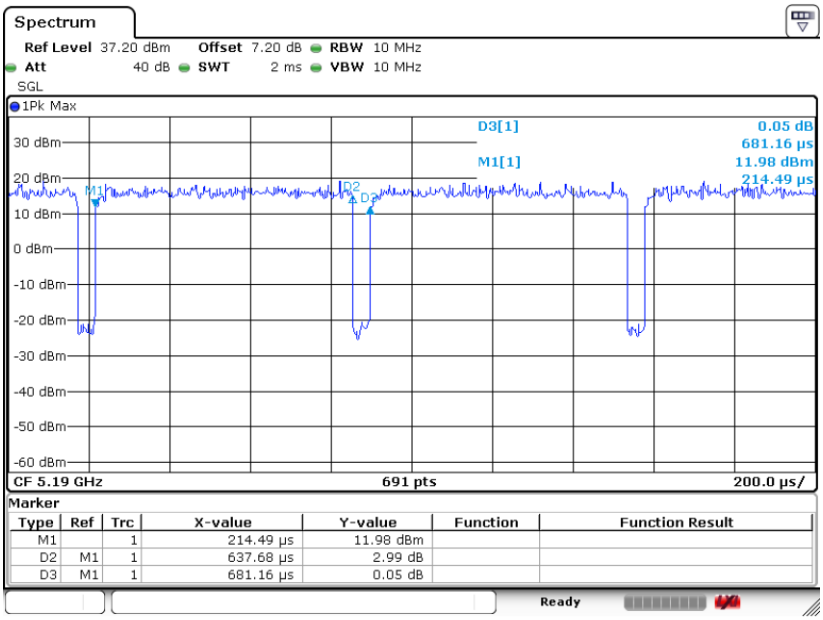

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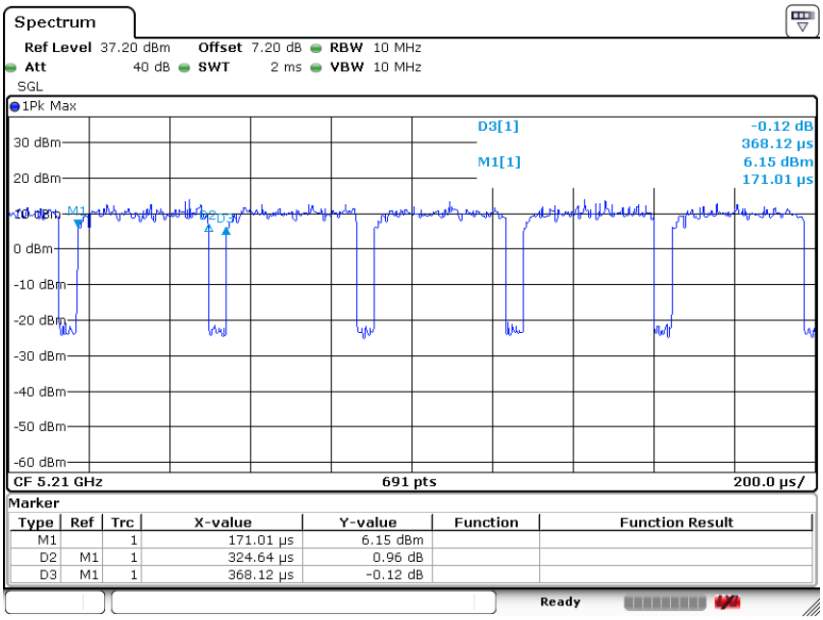
802.11ac VHT80



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