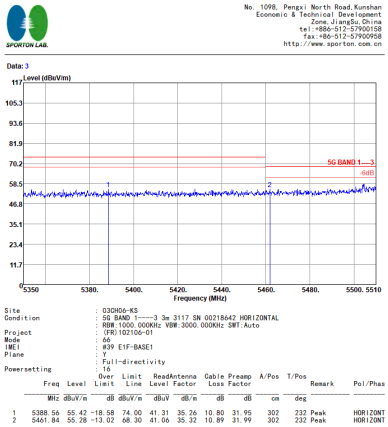
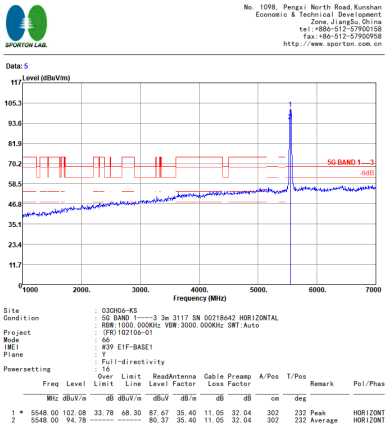
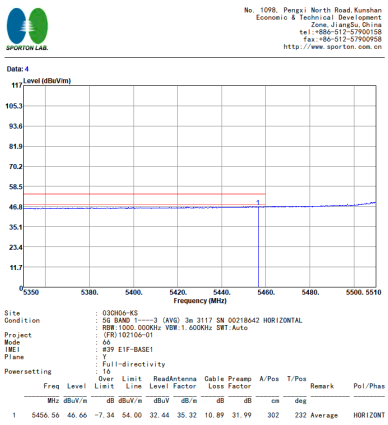
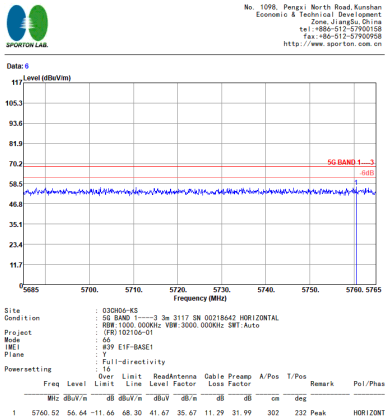
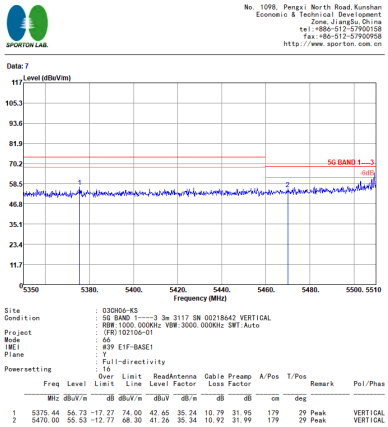
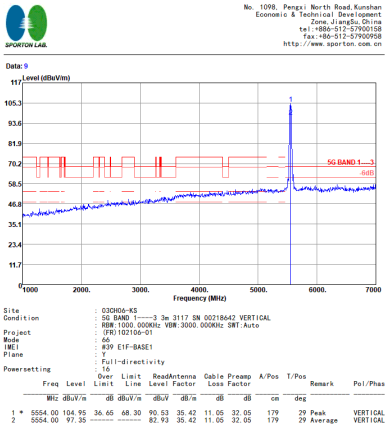
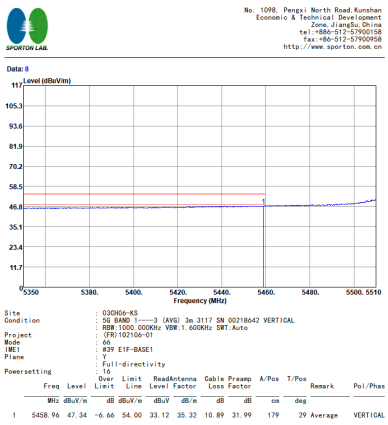
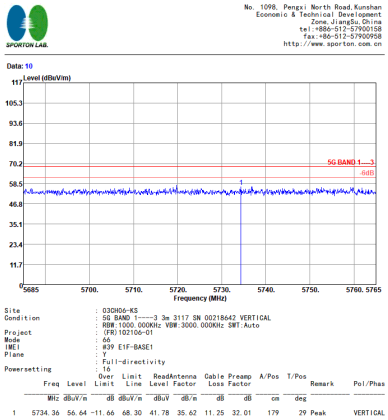
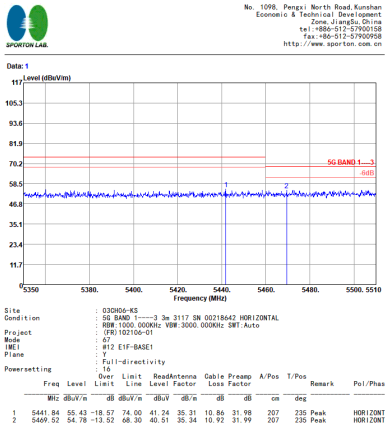
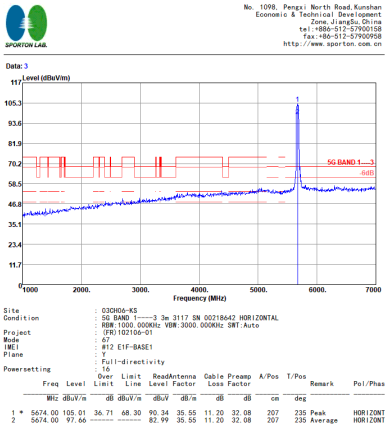
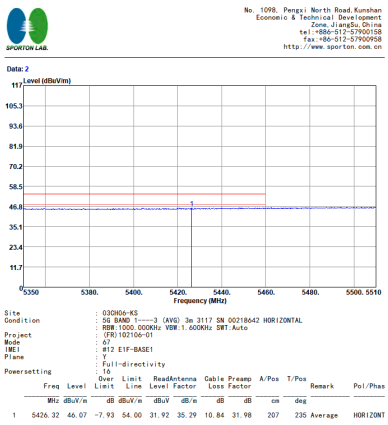
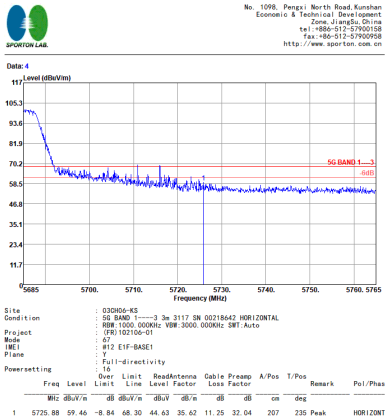
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

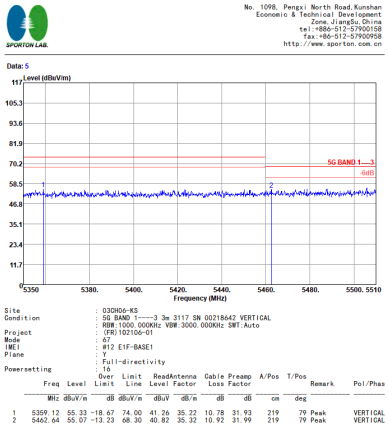
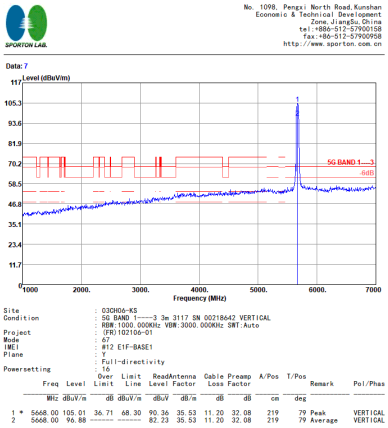
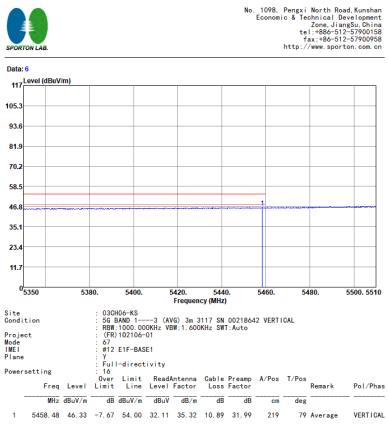
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

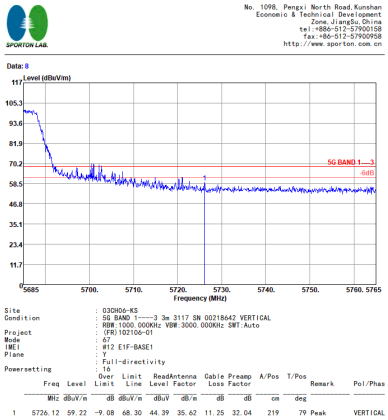
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
2	Vertical	Fundamental
Peak		Left blank

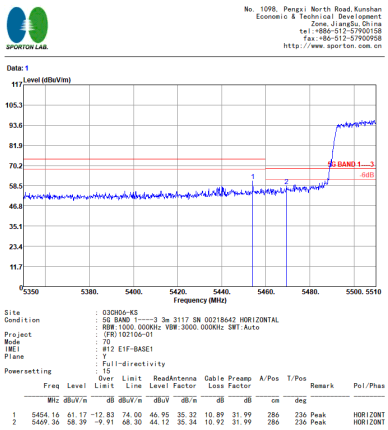
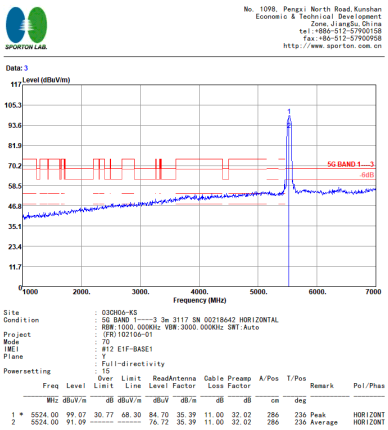
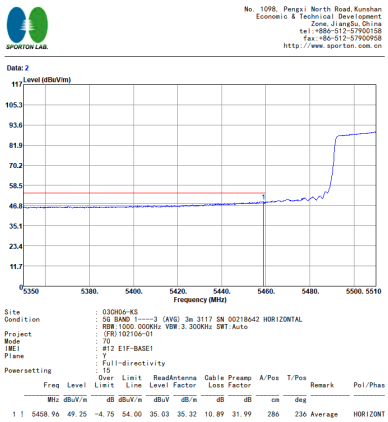
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

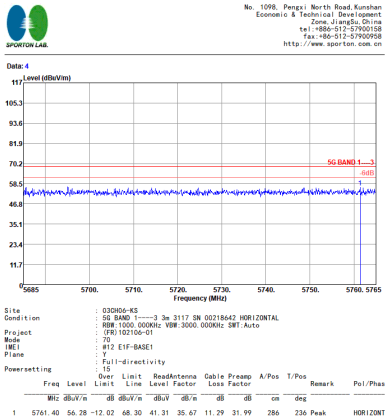
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

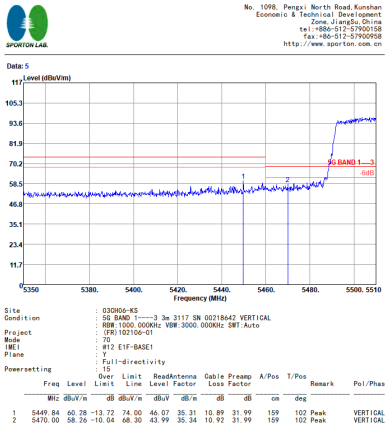
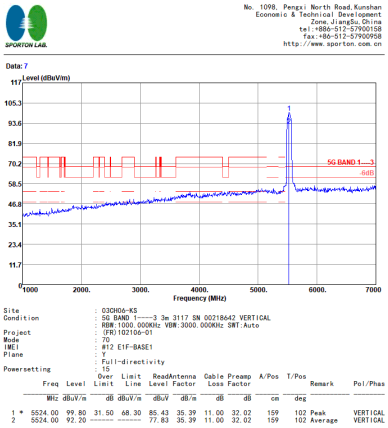
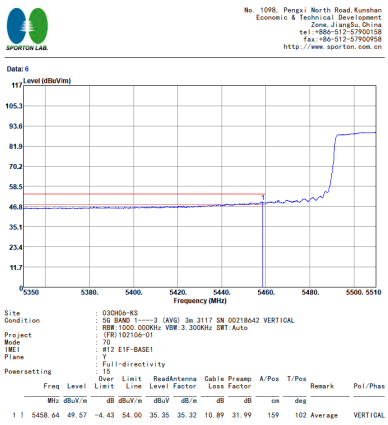
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

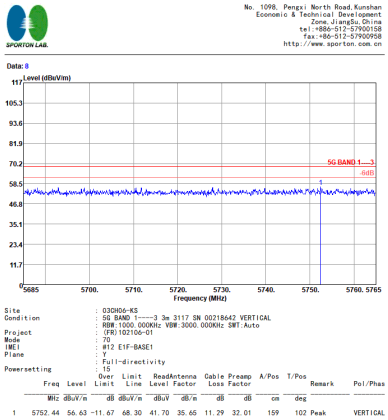
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
2	Vertical	Fundamental
Peak		Left blank

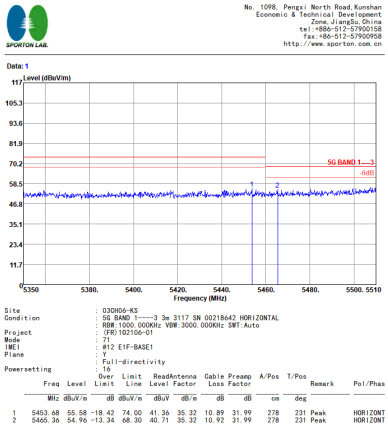
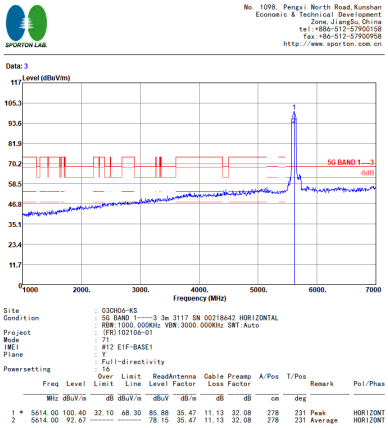
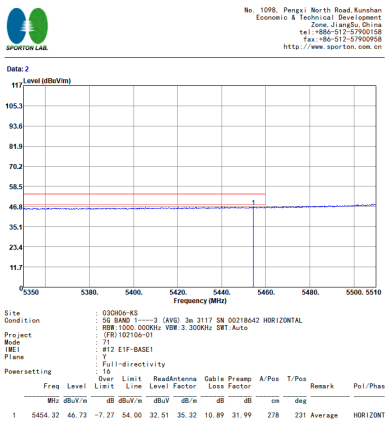
U-NII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

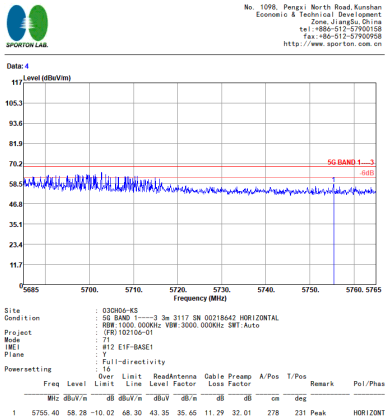
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

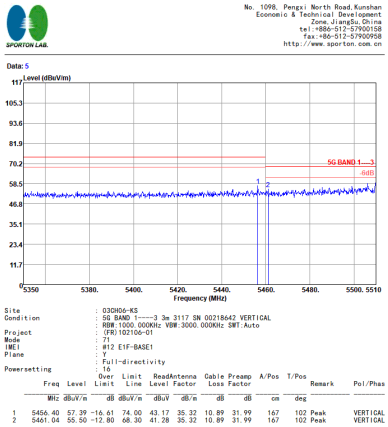
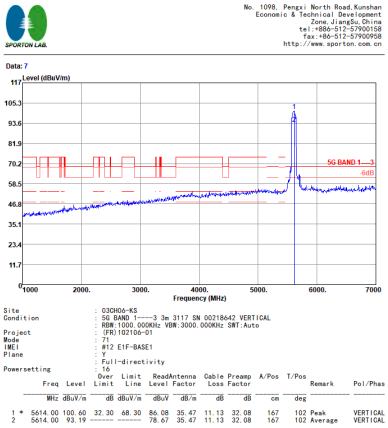
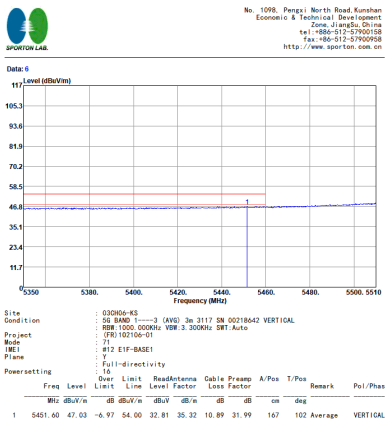
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

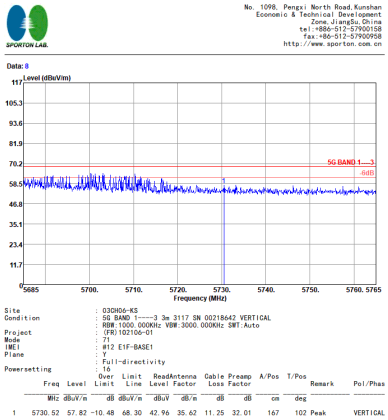
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

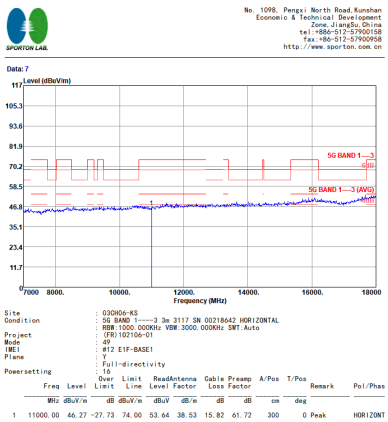
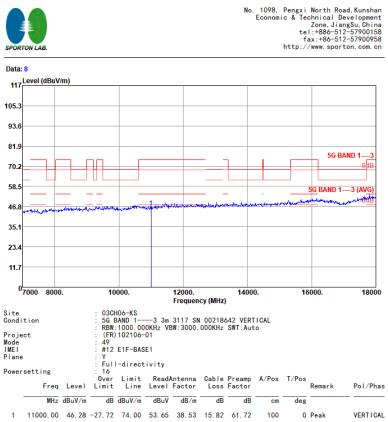
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

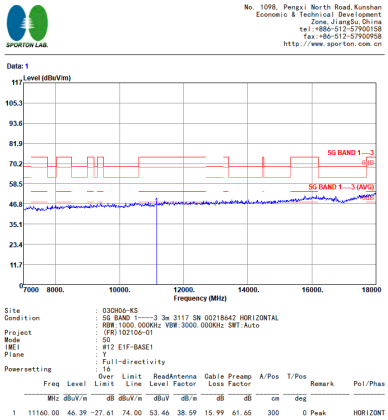
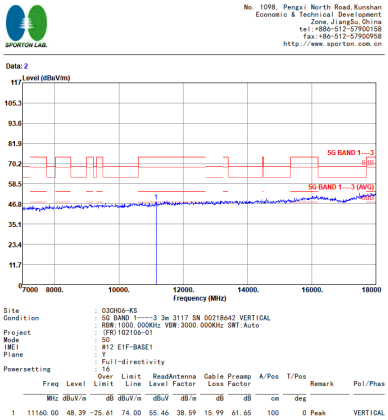
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

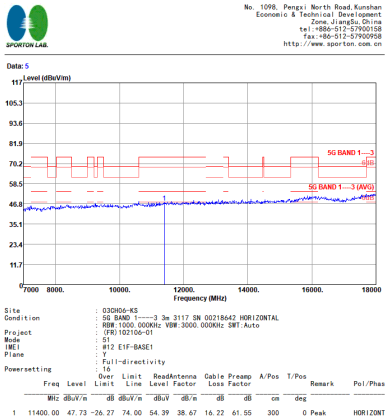
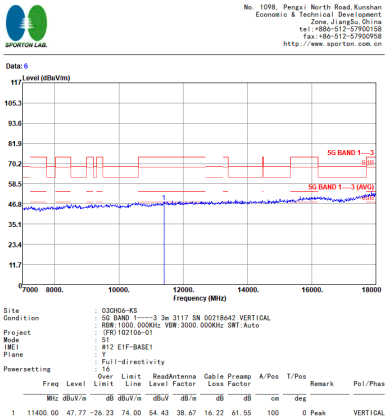
WIFI	U-NII-2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Vertical	Fundamental
Peak		Left blank

U-NII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

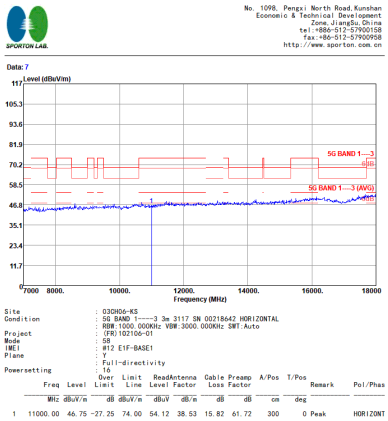
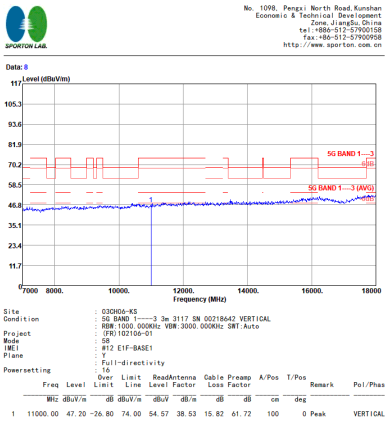
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.		

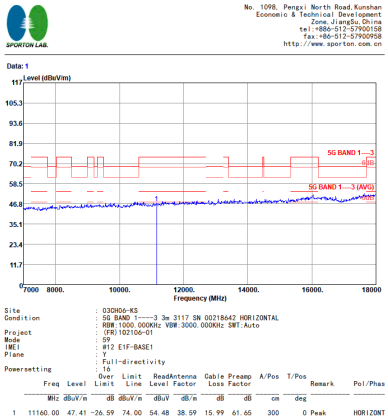
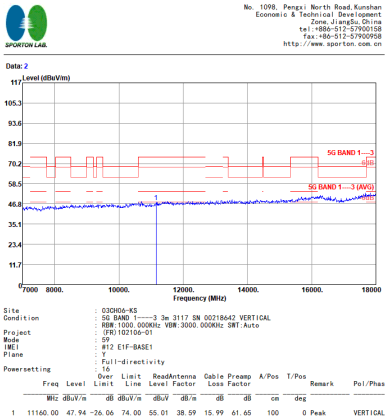
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.	 	

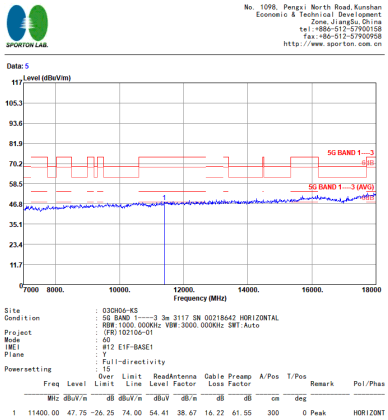
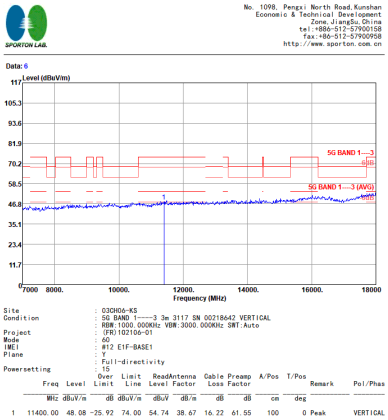
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 5 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 5G BAND 1---3 6dB 5G BAND 1---3 (AVG) 7000 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : S1 IMEI : #12 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 16 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 11400.00 47.73 -26.27 74.00 54.39 38.67 16.22 61.55 300 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: 6 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 5G BAND 1---3 6dB 5G BAND 1---3 (AVG) 7000 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : S1 IMEI : #12 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 16 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 11400.00 47.77 -26.23 74.00 54.43 38.67 16.22 61.55 100 0 Peak VERTICAL

U-NII-2C 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

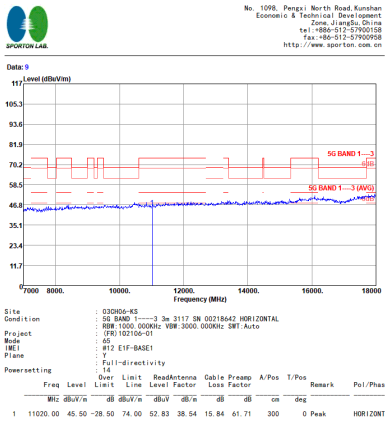
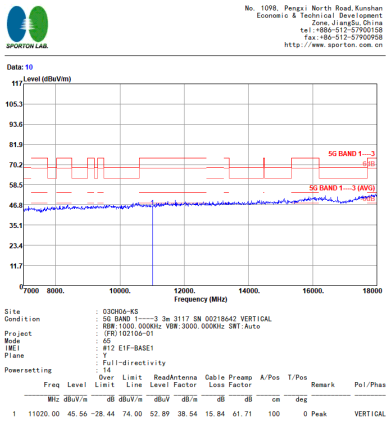
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.		

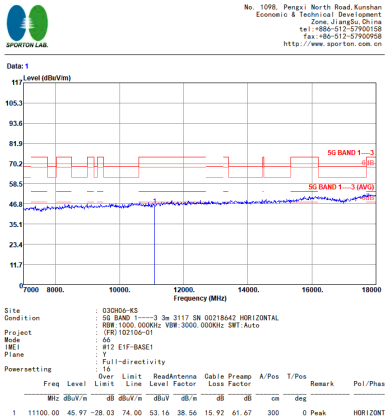
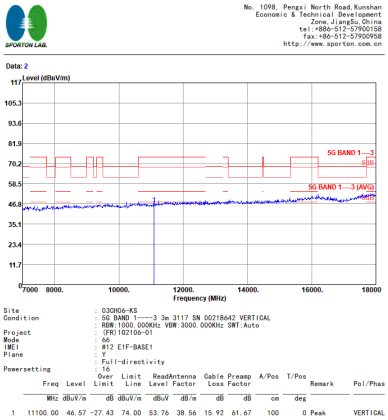
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.		

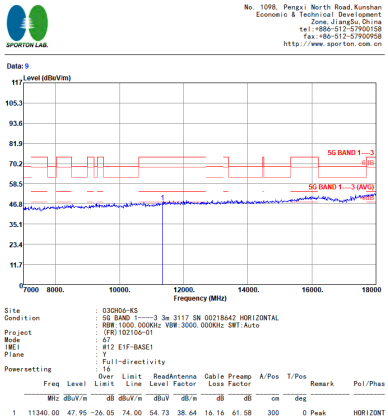
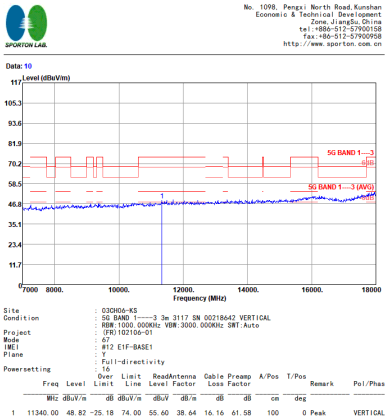
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 5 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 60 IMEI : #12 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 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 11400.00 47.75 -26.25 74.00 54.41 38.67 16.22 61.55 300 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: 6 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 60 IMEI : #12 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 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 11400.00 48.08 -25.92 74.00 54.74 38.67 16.22 61.55 100 0 Peak VERTICAL

U-NII-2C 5470~5725MHz

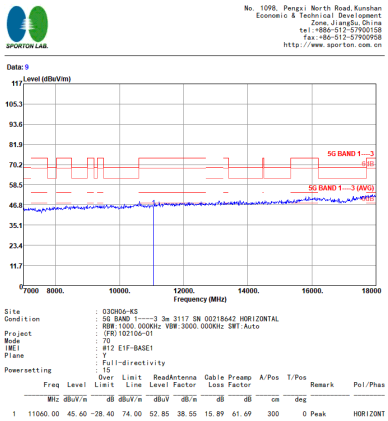
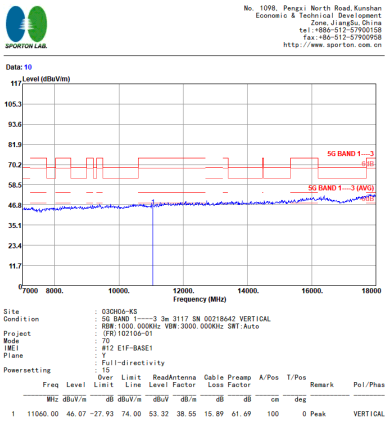
WIFI 802.11ac VHT40 (Harmonic @ 3m)

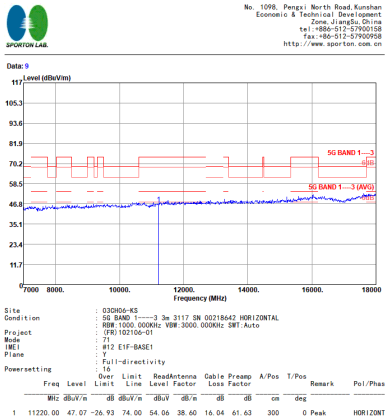
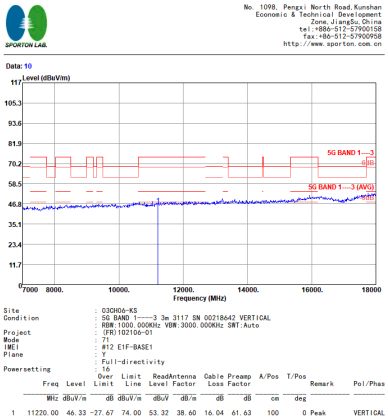
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz	
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: 9 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1---3 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 67 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit 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 11340.00 47.95 -26.05 74.00 54.73 38.64 16.16 61.58 300 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: 10 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1---3 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 67 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit 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 11340.00 48.82 -25.18 74.00 55.60 38.64 16.16 61.58 100 0 Peak VERTICAL

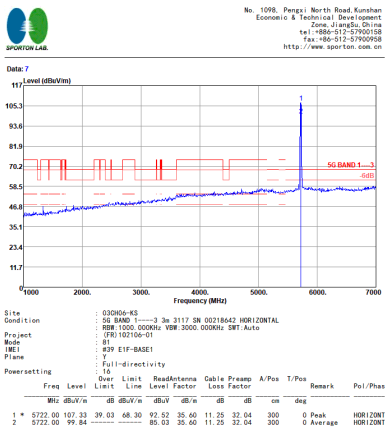
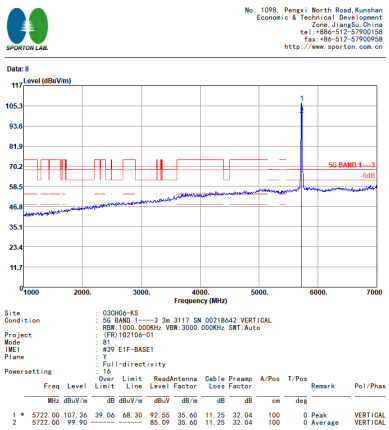
U-NII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

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

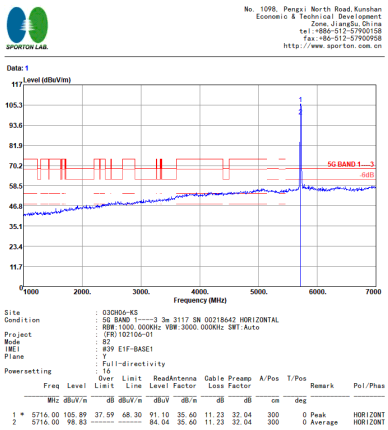
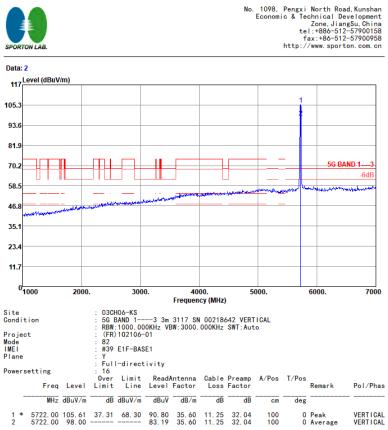
WIFI	U-NII-2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
2	Horizontal	Vertical
Peak Avg.	 	

U-NII-2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

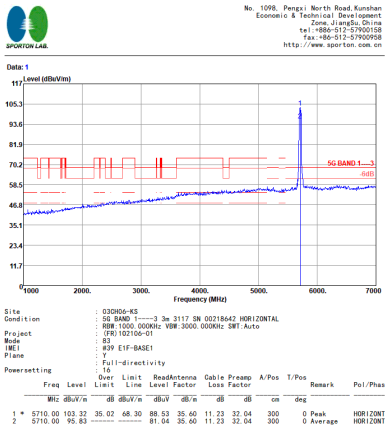
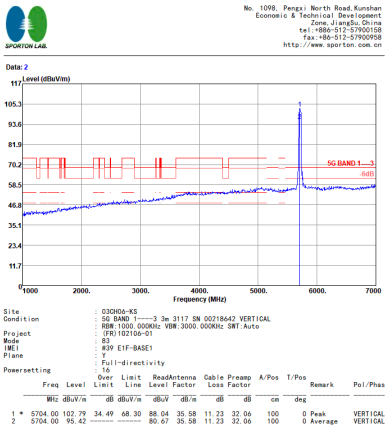
WIFI	U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
2	Horizontal	Vertical
Peak		

U-NII-2C – Straddle Channel
WIFI 802.11ac VHT20 (Band Edge @ 3m)

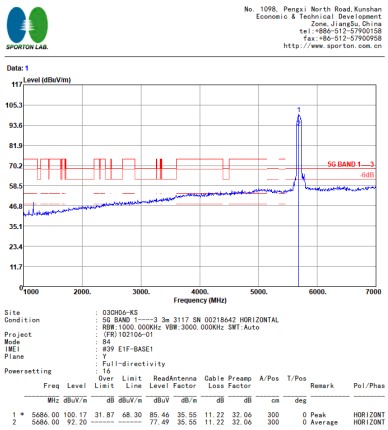
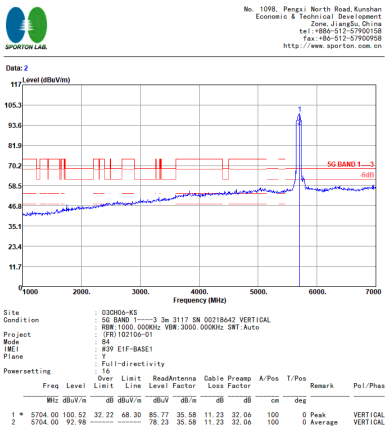
WIFI	U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
2	Horizontal	Vertical
Peak		

U-NII-2C – Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

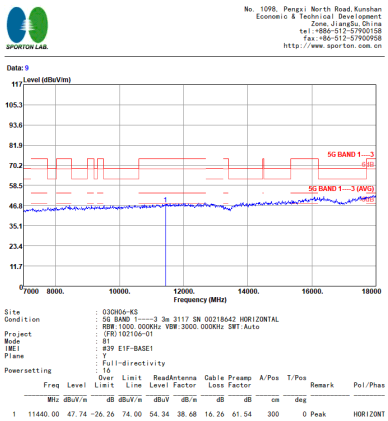
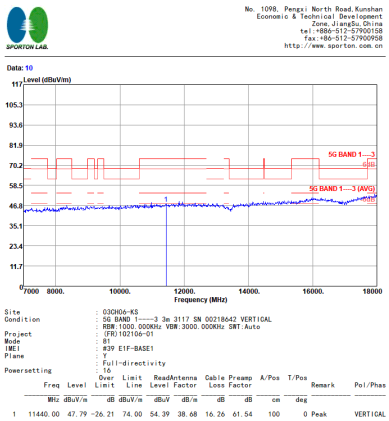
WIFI	U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
2	Horizontal	Vertical
Peak		

U-NII-2C – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

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

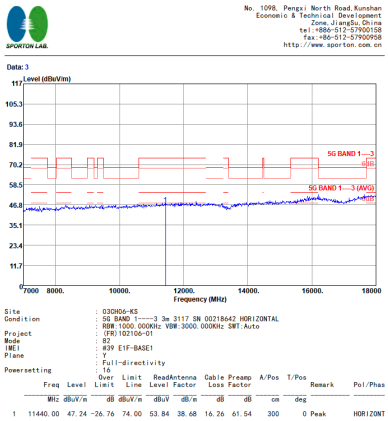
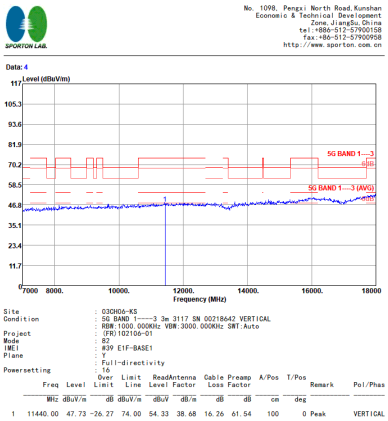
U-NII-2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

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

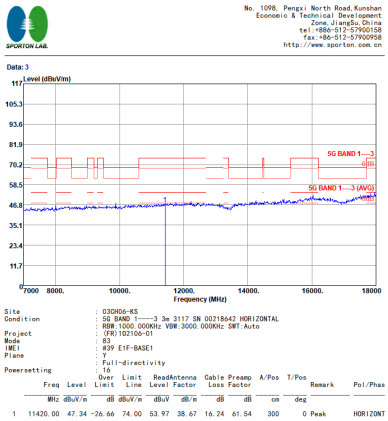
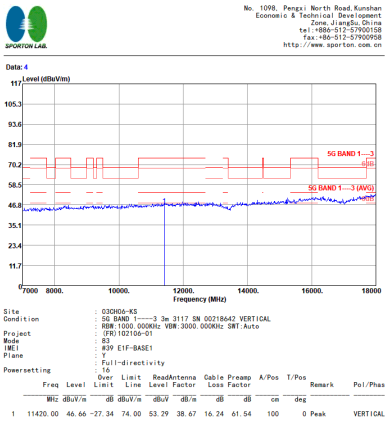
U-NII-2C – Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	U-NII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz	
2	Horizontal	Vertical
Peak Avg.		

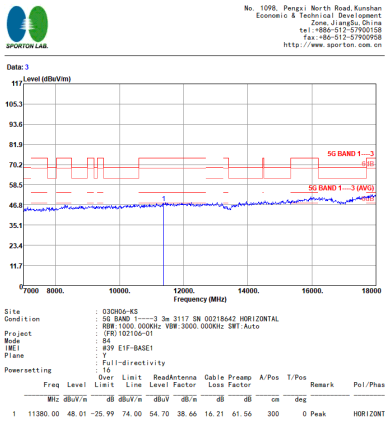
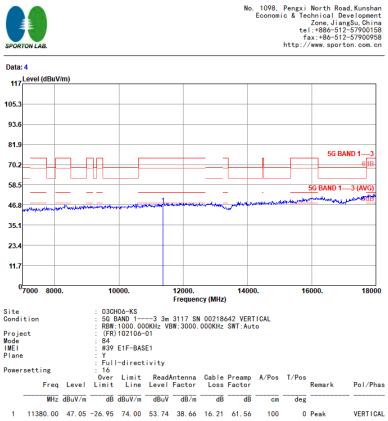
U-NII-2C – Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	U-NII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz	
2	Horizontal	Vertical
Peak Avg.		

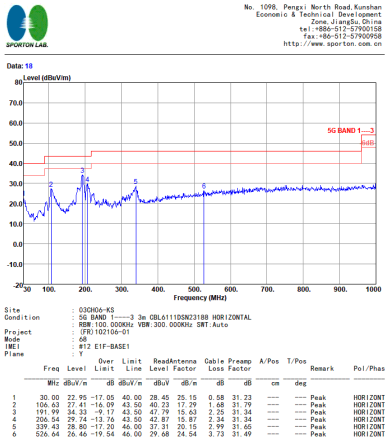
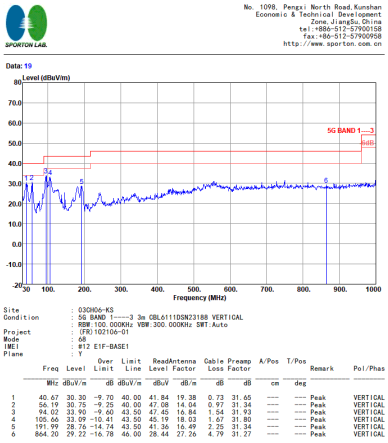
U-NII-2C – Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

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

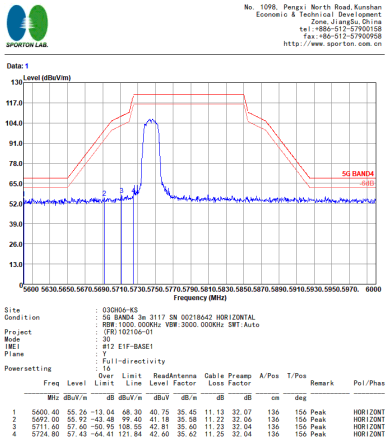
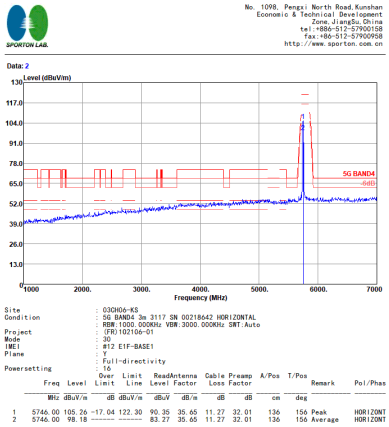
Emission below 1GHz

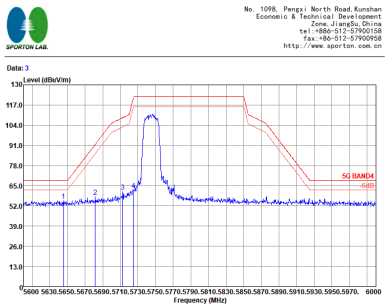
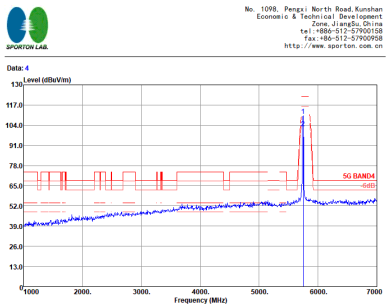
5GHz WIFI 802.11ac VHT80 (LF)

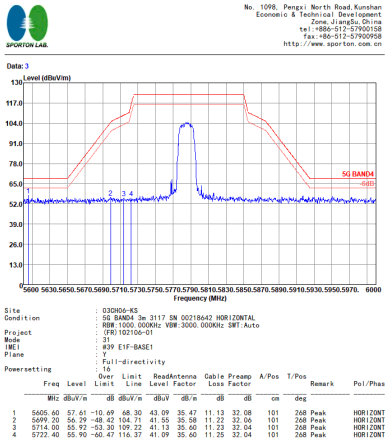
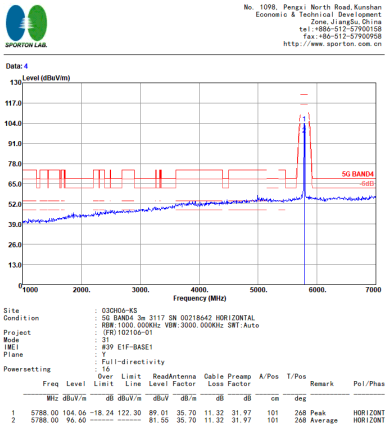
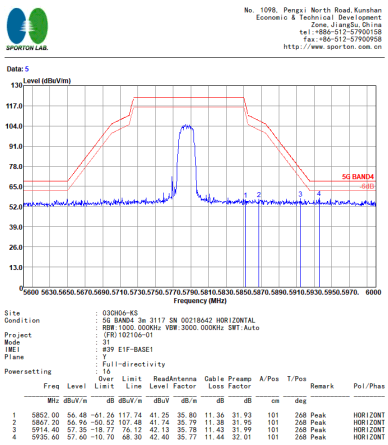
WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
2	Horizontal	Vertical
QP / Peak		

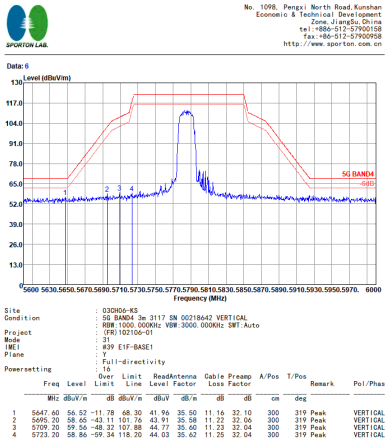
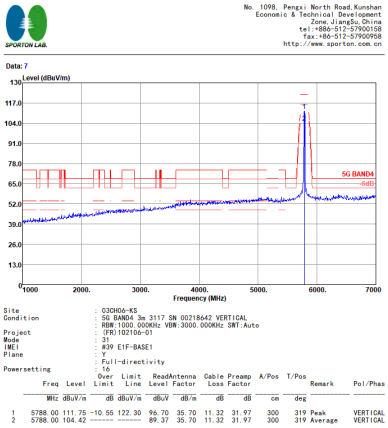
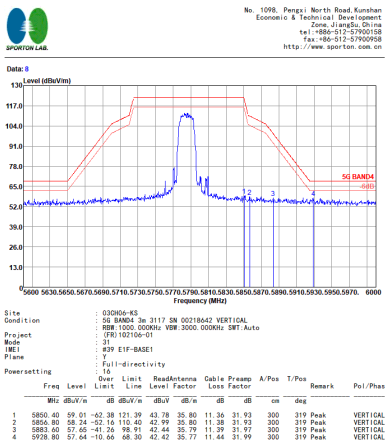
U-NII-3 - 5725~5850MHz

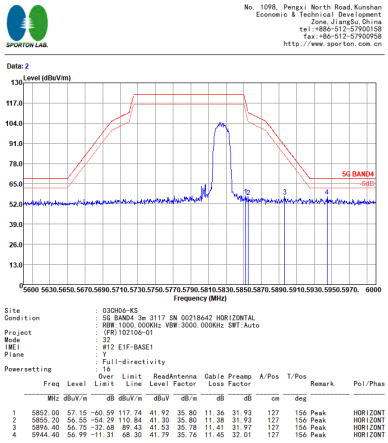
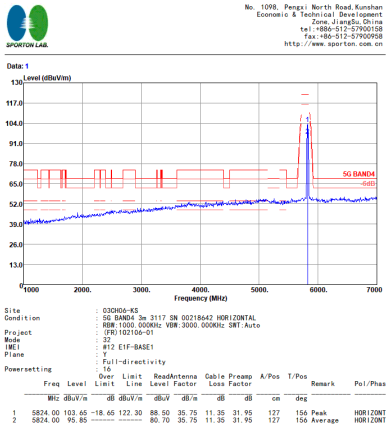
WIFI 802.11a (Band Edge @ 3m)

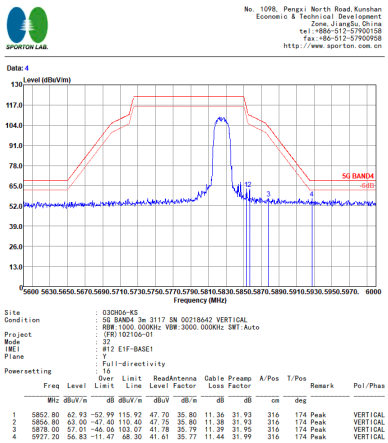
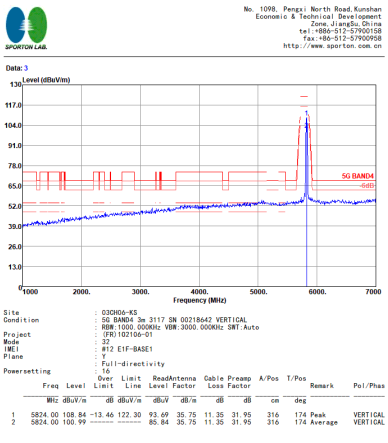
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Fundamental
Peak		

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 30 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5645.60 55.52 -12.78 68.30 40.96 35.50 11.16 32.10 356 138 Peak VERTICAL 2 5681.60 57.98 -33.74 91.72 43.29 35.55 11.20 32.06 356 138 Peak VERTICAL 3 5712.80 61.28 -47.61 108.89 46.49 35.60 11.23 32.04 356 138 Peak VERTICAL 4 5724.80 62.45 -59.39 121.84 47.62 35.62 11.25 32.04 356 138 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 30 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5746.00 110.10 -12.20 122.30 95.19 35.65 11.27 32.01 356 138 Peak VERTICAL 2 5746.00 102.13 ------ ------ 87.22 35.65 11.27 32.01 356 138 Average VERTICAL

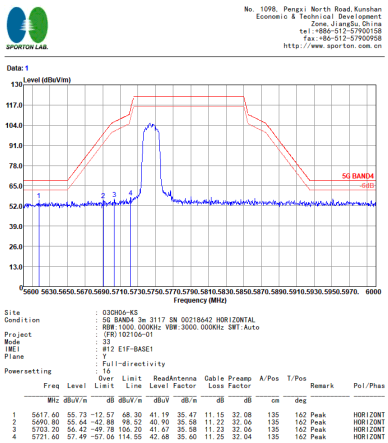
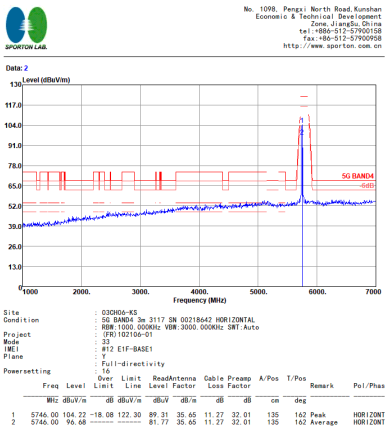
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

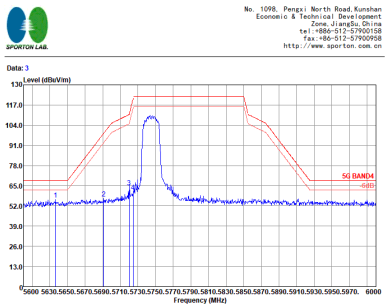
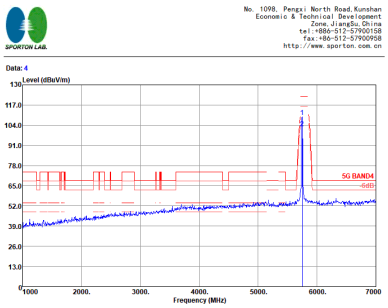
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1	Vertical	Fundamental
Peak		
Peak		Left blank

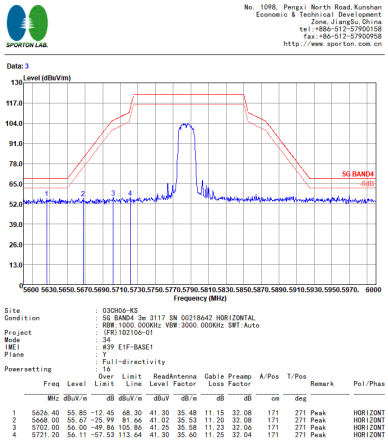
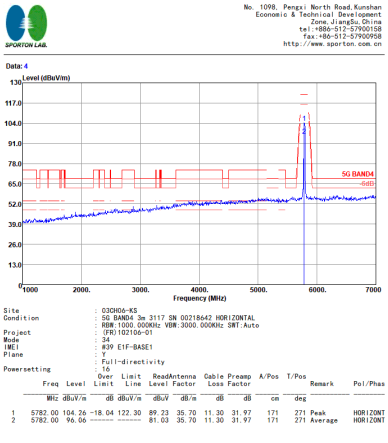
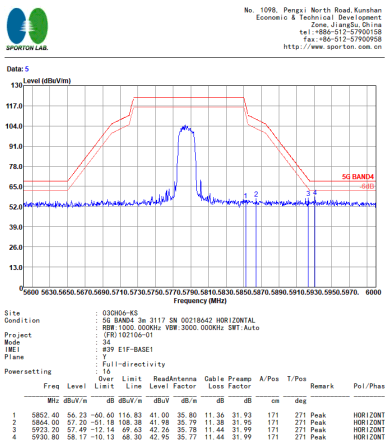
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Fundamental
Peak		

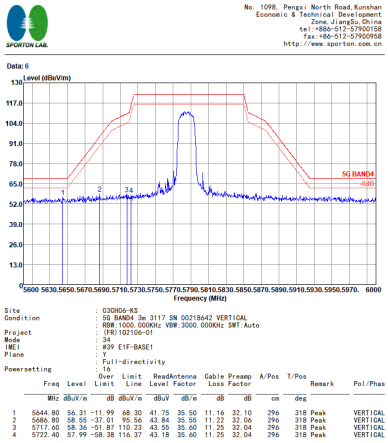
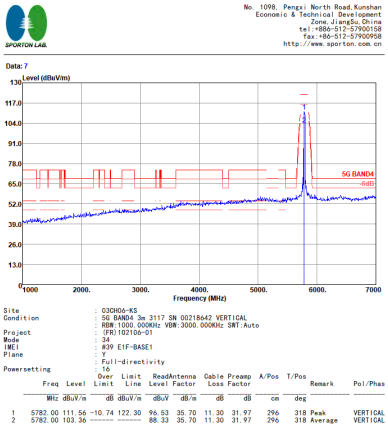
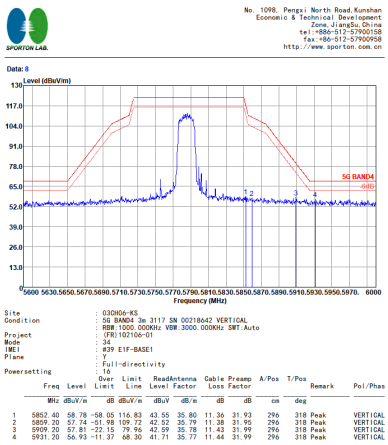
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 32 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5852.80 62.93 -52.99 115.92 47.70 35.80 11.36 31.93 316 174 Peak VERTICAL 2 5856.80 63.00 -47.40 110.40 47.75 35.80 11.38 31.93 316 174 Peak VERTICAL 3 5878.00 57.01 -46.06 103.07 41.78 35.79 11.39 31.95 316 174 Peak VERTICAL 4 5927.20 56.83 -11.47 68.30 41.61 35.77 11.44 31.99 316 174 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 32 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5824.00 108.84 -13.46 122.30 93.69 35.75 11.35 31.95 316 174 Peak VERTICAL 2 5824.00 100.99 ------- ------- 85.84 35.75 11.35 31.95 316 174 Average VERTICAL

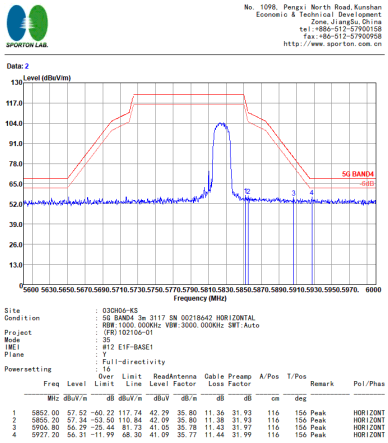
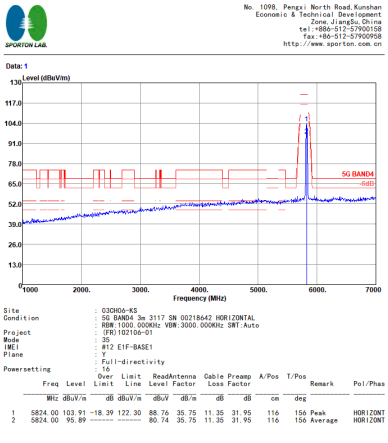
U-NII-3 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

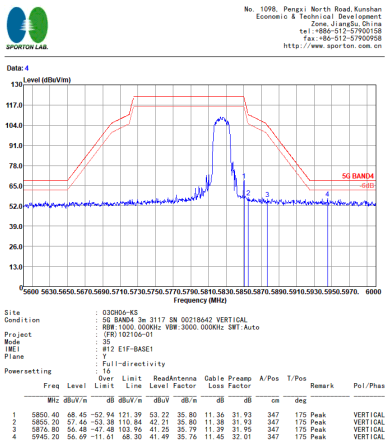
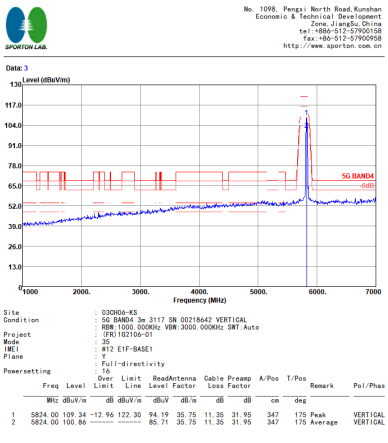
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak		

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1	Vertical	Fundamental
Peak Avg.	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 33 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5636.40 56.19 -12.11 68.30 41.65 35.48 11.16 32.10 349 139 Peak VERTICAL 2 5691.20 56.83 -41.98 98.81 42.09 35.58 11.22 32.06 349 139 Peak VERTICAL 3 5720.00 64.13 -46.77 110.90 49.32 35.60 11.25 32.04 349 139 Peak VERTICAL 4 5724.40 61.37 -59.56 120.93 46.54 35.62 11.25 32.04 349 139 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 33 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5746.00 109.34 -12.96 122.30 94.43 35.65 11.27 32.01 349 139 Peak VERTICAL 2 5746.00 101.95 ------- ------- 87.04 35.65 11.27 32.01 349 139 Average VERTICAL

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

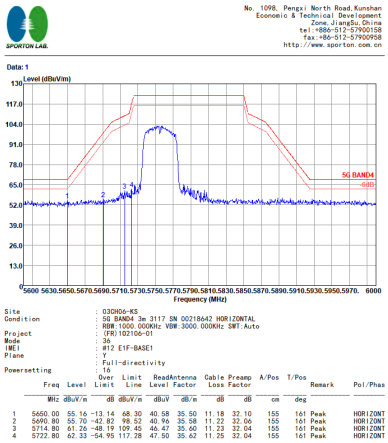
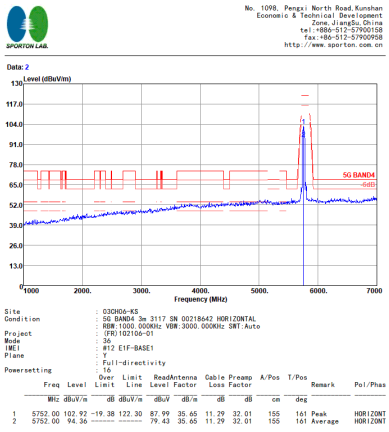
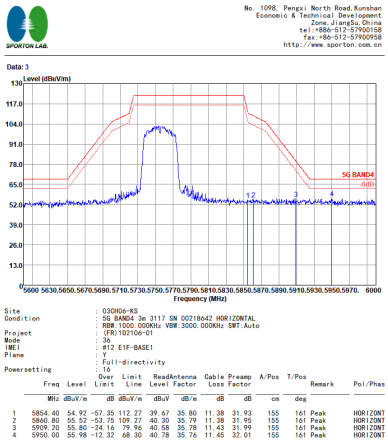
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1	Vertical	Fundamental
Peak		
Peak		Left blank

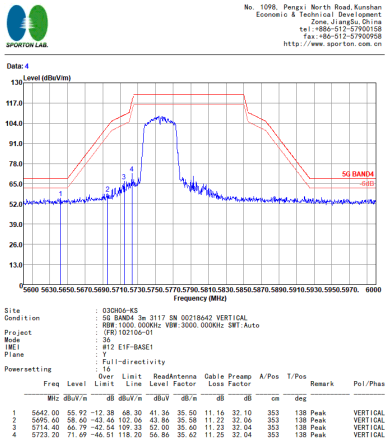
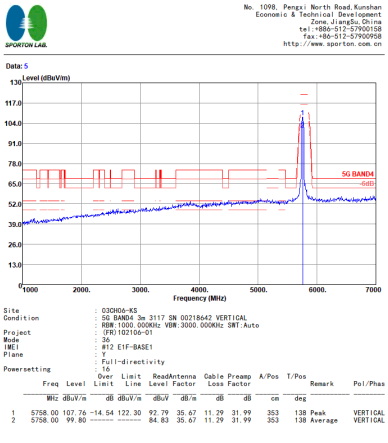
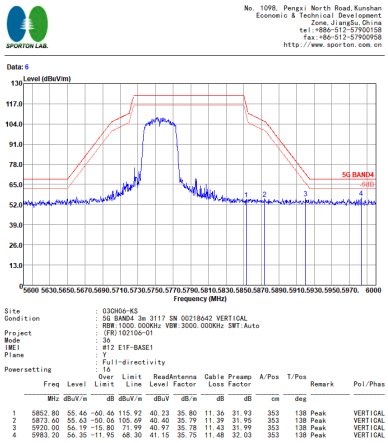
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	 Data: 2 Level (dBuV/m) Frequency (MHz) 5G BAND4 -6dB Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 3S IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 5852.00 57.52 -60.22 117.74 42.29 35.80 11.36 31.93 116 156 Peak HORIZONT 2 5855.20 57.34 -53.50 110.84 42.09 35.80 11.38 31.93 116 156 Peak HORIZONT 3 5906.80 56.29 -25.44 81.73 41.05 35.78 11.43 31.97 116 156 Peak HORIZONT 4 5927.20 56.31 -11.99 68.30 41.09 35.77 11.44 31.99 116 156 Peak HORIZONT	 Data: 1 Level (dBuV/m) Frequency (MHz) 5G BAND4 -6dB Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 3S IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 5824.00 103.91 -18.39 122.30 88.76 35.75 11.35 31.95 116 156 Peak HORIZONT 2 5824.00 95.89 ------ ------ 80.74 35.75 11.35 31.95 116 156 Average HORIZONT

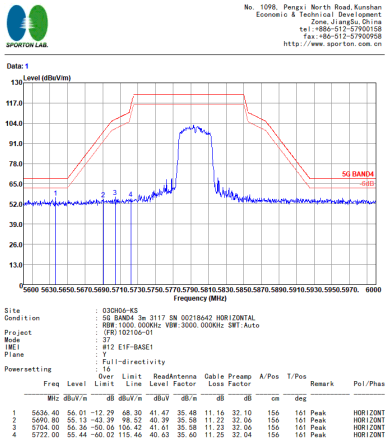
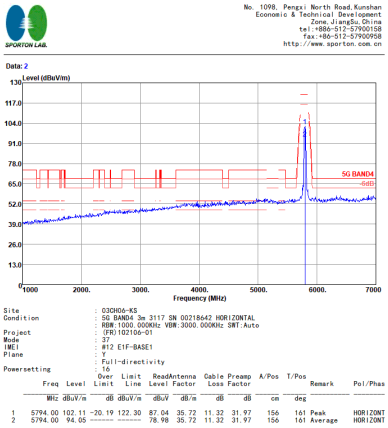
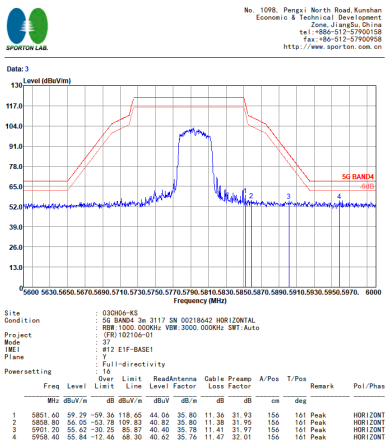
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak Avg.	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 35 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5850.40 68.45 -52.94 121.39 53.22 35.80 11.36 31.93 347 175 Peak VERTICAL 2 5855.20 57.46 -53.38 110.84 42.21 35.80 11.38 31.93 347 175 Peak VERTICAL 3 5876.80 56.48 -47.48 103.96 41.25 35.79 11.39 31.95 347 175 Peak VERTICAL 4 5945.20 56.69 -11.61 68.30 41.49 35.76 11.45 32.01 347 175 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 35 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5824.00 109.34 -12.96 122.30 94.19 35.75 11.35 31.95 347 175 Peak VERTICAL 2 5824.00 100.86 ------ ------ 85.71 35.75 11.35 31.95 347 175 Average VERTICAL

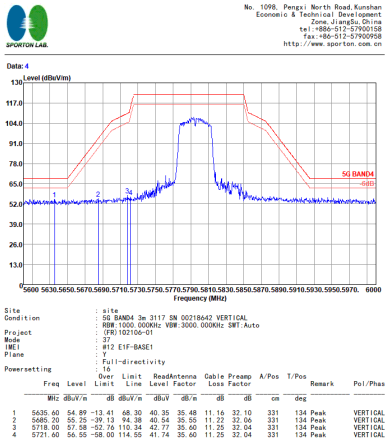
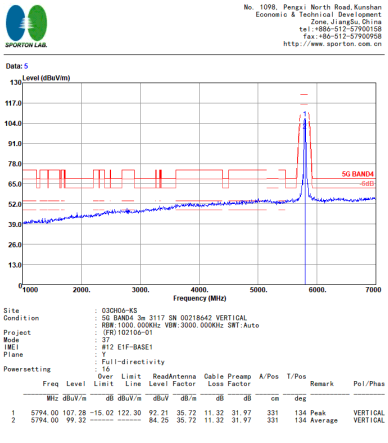
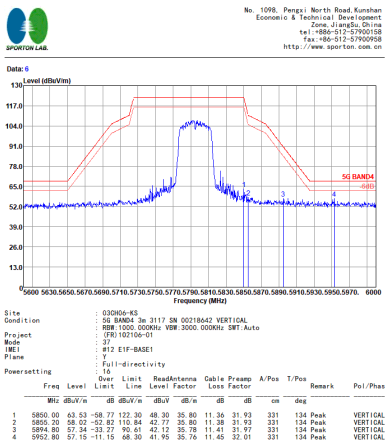
U-NII-3 5725~5850MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

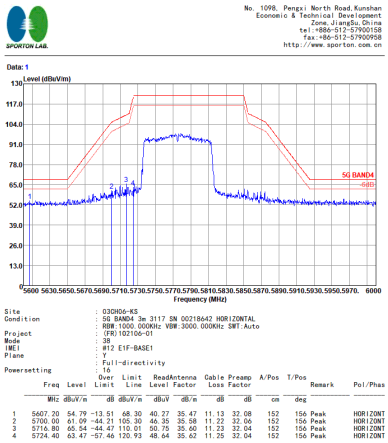
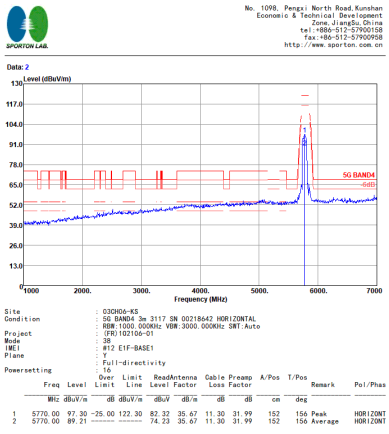
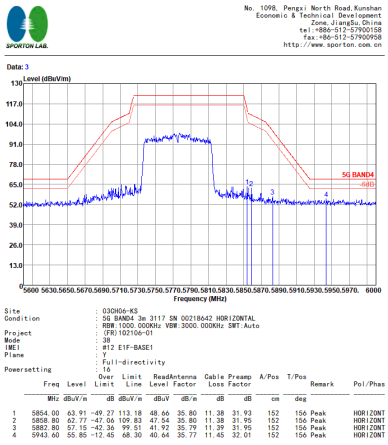
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak		
Peak		Left blank

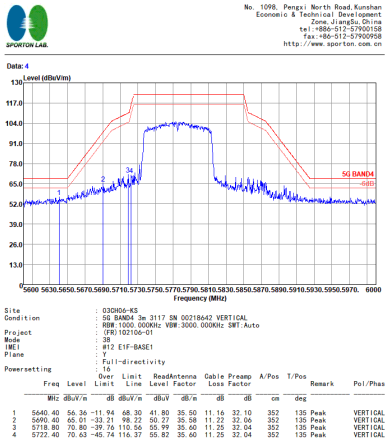
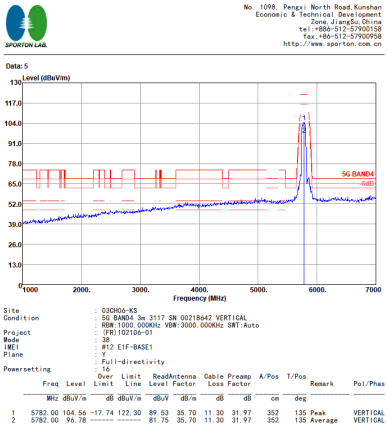
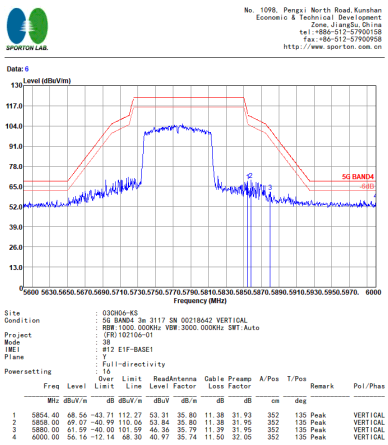
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak		
Peak		Left blank

U-NII-3 5725~5850MHz

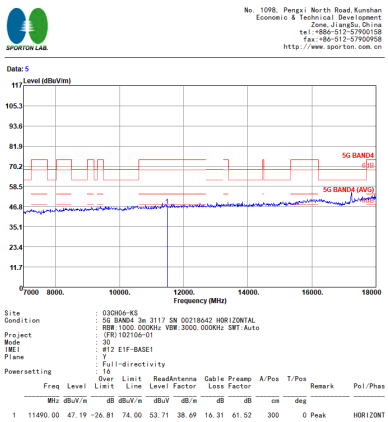
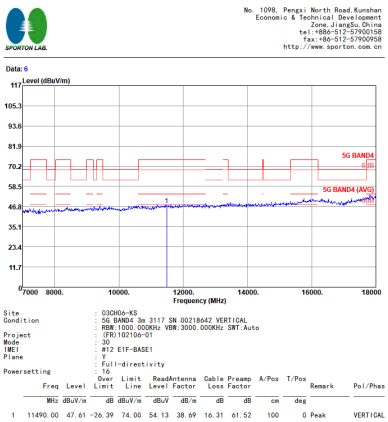
WIFI 802.11ac VHT80 (Band Edge @ 3m)

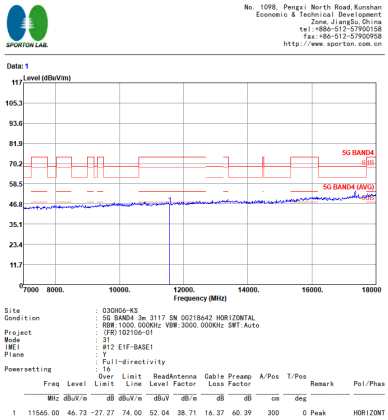
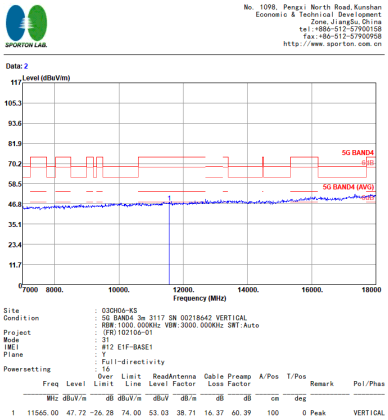
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Horizontal	Fundamental
Peak		
Peak		Left blank

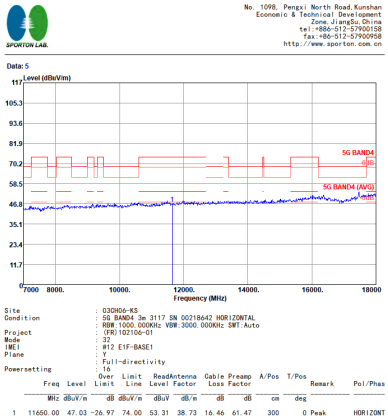
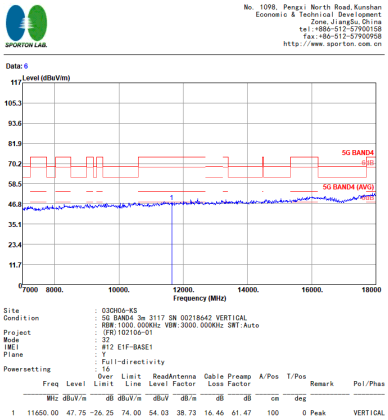
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Vertical	Fundamental
Peak	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 4 Level (dBuV/m) 130 117.0 104.0 91.0 78.0 65.0 52.0 39.0 26.0 13.0 0 5600 5630.5650.5670.5690.5710.5730.5750.5770.5790.5810.5830.5850.5870.5890.5910.5930.5950.5970. 6000 Frequency (MHz) 5G BAND4 -6dB Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 38 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos cm T/Pos deg Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 1 5640.40 56.36 -11.94 68.30 41.80 35.50 11.16 32.10 352 135 Peak VERTICAL 2 5690.40 65.01 -33.21 98.22 50.27 35.58 11.22 32.06 352 135 Peak VERTICAL 3 5718.80 70.80 -39.76 110.56 55.99 35.60 11.25 32.04 352 135 Peak VERTICAL 4 5722.40 70.63 -45.74 116.37 55.82 35.60 11.25 32.04 352 135 Peak VERTICAL	 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: 5 Level (dBuV/m) 130 117.0 104.0 91.0 78.0 65.0 52.0 39.0 26.0 13.0 0 1000 2000. 3000. 4000. 5000. 6000. 7000 Frequency (MHz) 5G BAND4 -6dB Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 38 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos cm T/Pos deg Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 1 5782.00 104.56 -17.74 122.30 89.53 35.70 11.30 31.97 352 135 Peak VERTICAL 2 5782.00 96.78 ------ ------ 81.75 35.70 11.30 31.97 352 135 Average 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: 6 Level (dBuV/m) 130 117.0 104.0 91.0 78.0 65.0 52.0 39.0 26.0 13.0 0 5600 5630.5650.5670.5690.5710.5730.5750.5770.5790.5810.5830.5850.5870.5890.5910.5930.5950.5970. 6000 Frequency (MHz) 5G BAND4 -6dB Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 38 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos cm T/Pos deg Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB 1 5854.40 68.56 -43.71 112.27 53.31 35.80 11.38 31.93 352 135 Peak VERTICAL 2 5858.00 69.07 -40.99 110.06 53.84 35.80 11.38 31.95 352 135 Peak VERTICAL 3 5880.00 61.59 -40.00 101.59 46.36 35.79 11.39 31.95 352 135 Peak VERTICAL 4 6000.00 56.16 -12.14 68.30 40.97 35.74 11.50 32.05 352 135 Peak VERTICAL	Left blank

U-NII-3 - 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

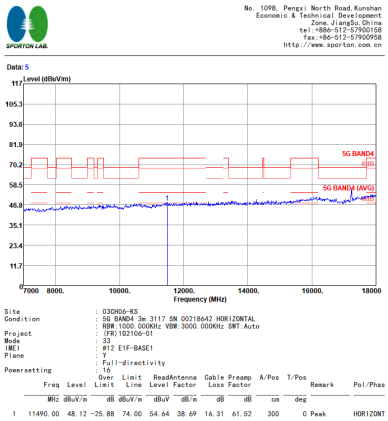
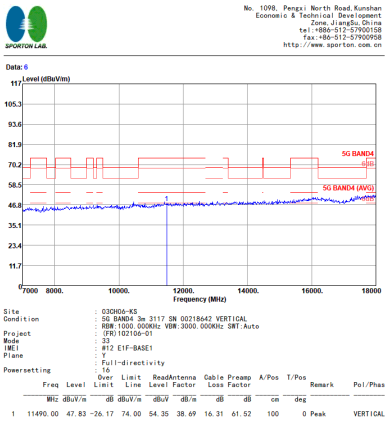
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.		

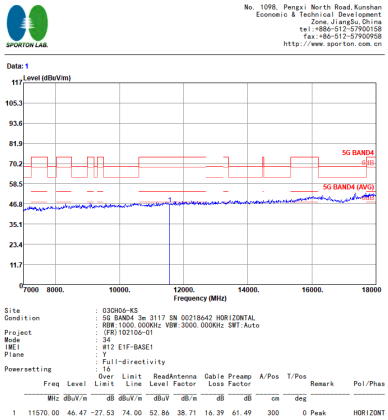
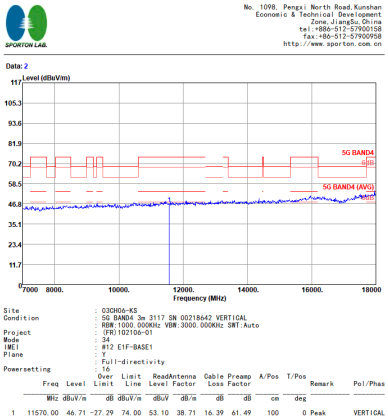
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 	

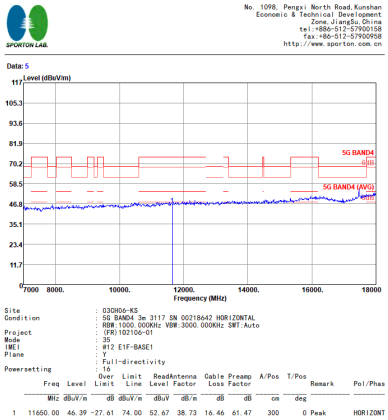
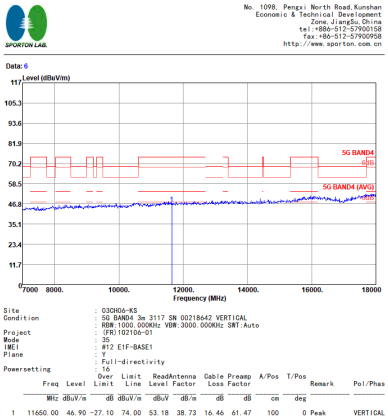
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 5 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 32 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11650.00 47.03 -26.97 74.00 53.31 38.73 16.46 61.47 300 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: 6 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 32 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11650.00 47.75 -26.25 74.00 54.03 38.73 16.46 61.47 100 0 Peak VERTICAL

U-NII-3 5725~5850MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

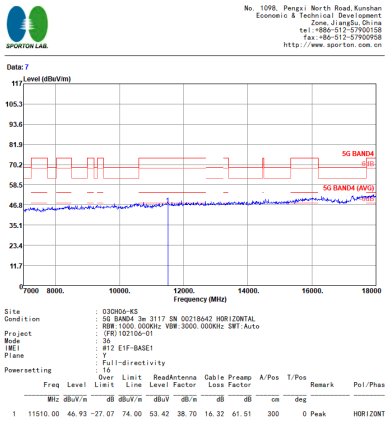
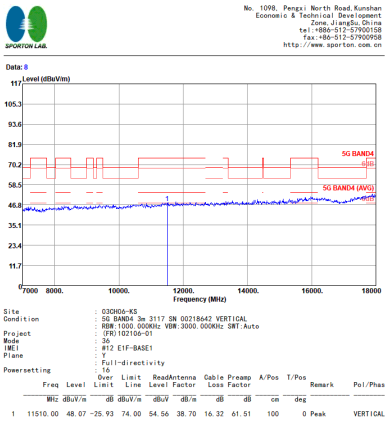
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 5 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 33 IMEI : #12 E1F-BASE1 Plane : 1 : Full-directivity Powersetting : 16 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 11490.00 48.12 -25.88 74.00 54.64 38.69 16.31 61.52 300 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: 6 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 33 IMEI : #12 E1F-BASE1 Plane : 1 : Full-directivity Powersetting : 16 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 11490.00 47.83 -26.17 74.00 54.35 38.69 16.31 61.52 100 0 Peak VERTICAL

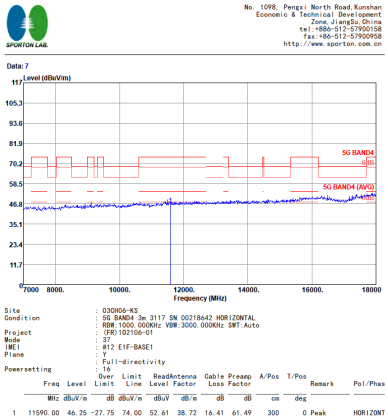
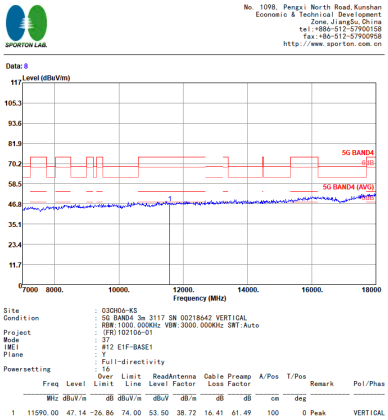
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	 	

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 	

U-NII-3 5725~5850MHz

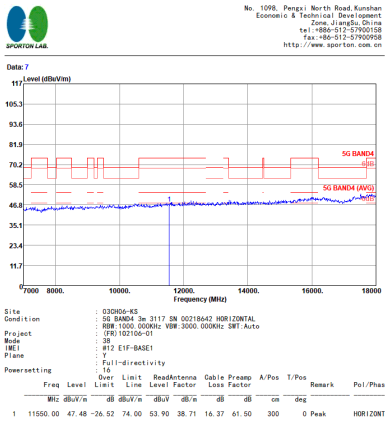
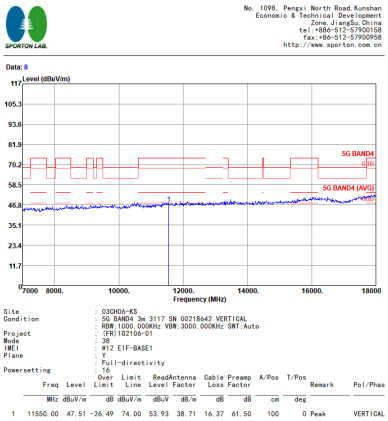
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
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: 7 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 37 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11590.00 46.25 -27.75 74.00 52.61 38.72 16.41 61.49 300 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: 8 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 37 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11590.00 47.14 -26.86 74.00 53.50 38.72 16.41 61.49 100 0 Peak VERTICAL

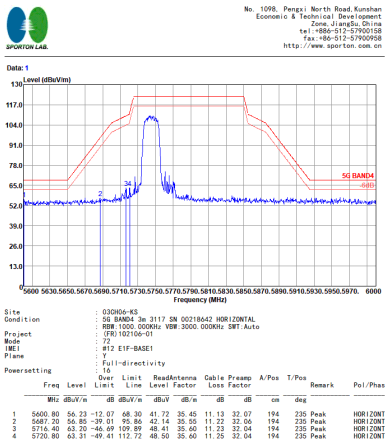
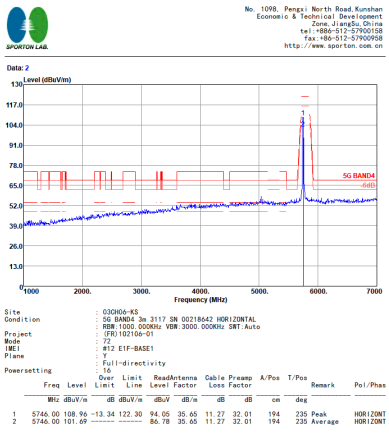
U-NII-3 5725~5850MHz

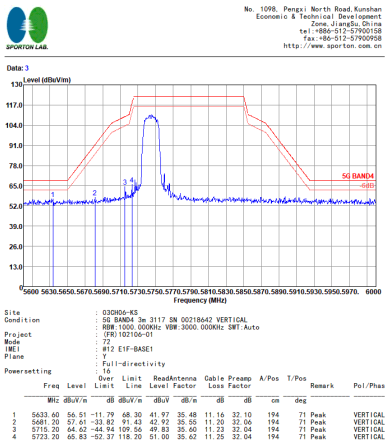
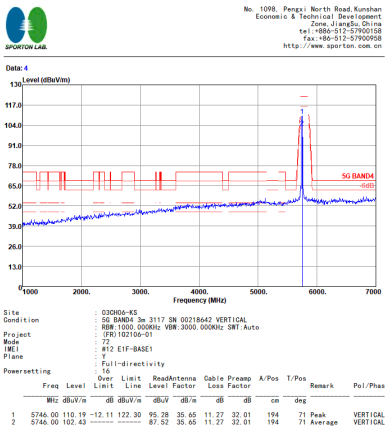
WIFI 802.11ac VHT80 (Harmonic @ 3m)

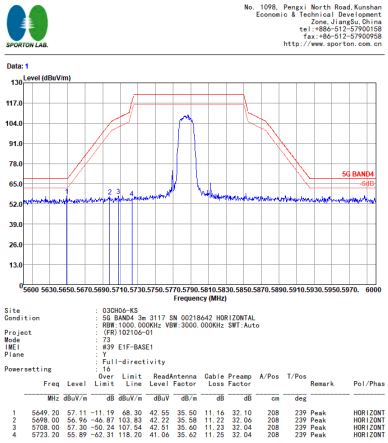
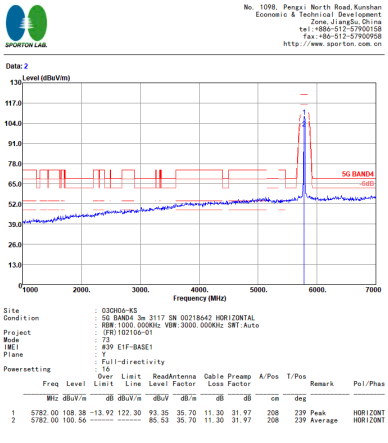
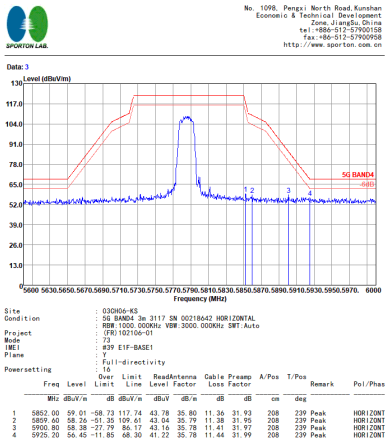
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.		

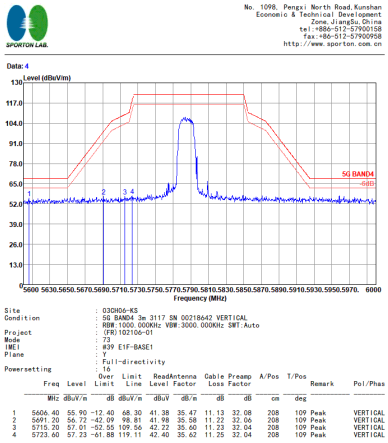
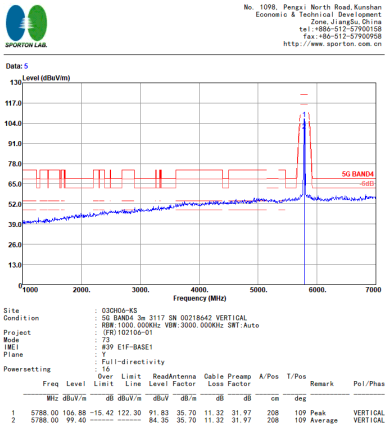
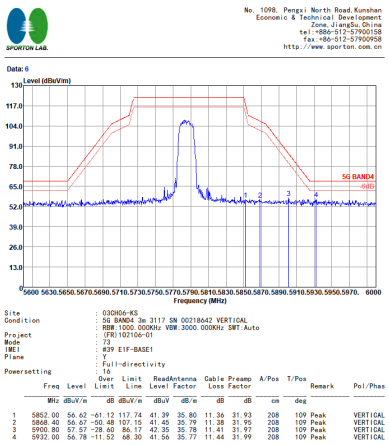
U-NII-3 - 5725~5850MHz

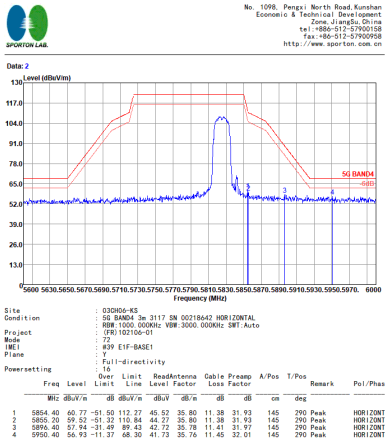
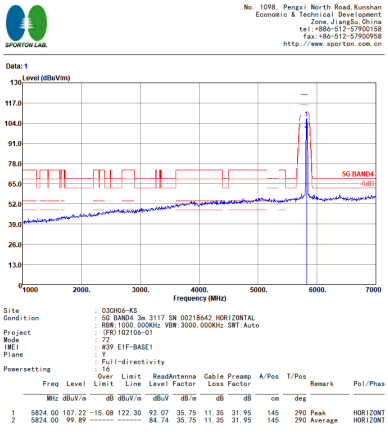
WIFI 802.11a (Band Edge @ 3m)

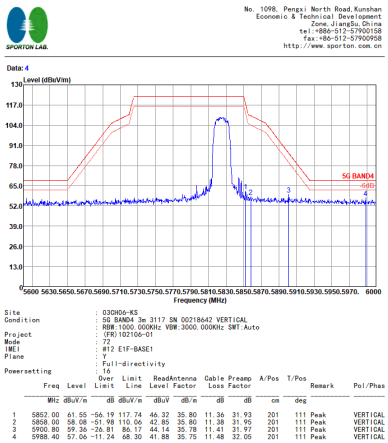
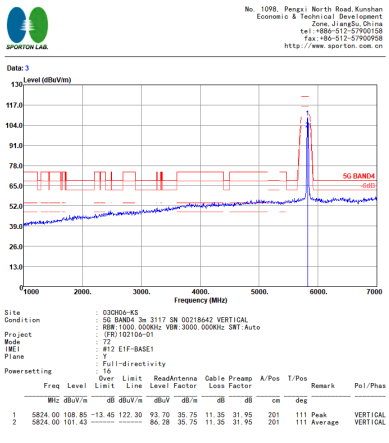
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
2	Horizontal	Fundamental
Peak		

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
2	Vertical	Fundamental
Peak	 Data: 3 Level (dBuV/m) 130 117.0 104.0 91.0 78.0 65.0 52.0 39.0 26.0 13.0 0 5G BAND4 -6dB 5600 5630.5650.5670.5690.5710.5730.5750.5770.5790.5810.5830.5850.5870.5890.5910.5930.5950.5970. 6000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit ReadAntenna Line Level Cable Factor Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5633.60 56.51 -11.79 68.30 41.97 35.48 11.16 32.10 194 71 Peak VERTICAL 2 5681.20 57.61 -33.82 91.43 42.92 35.55 11.20 32.06 194 71 Peak VERTICAL 3 5715.20 64.62 -44.94 109.56 49.83 35.60 11.23 32.04 194 71 Peak VERTICAL 4 5723.20 65.83 -52.37 118.20 51.00 35.62 11.25 32.04 194 71 Peak VERTICAL	 Data: 4 Level (dBuV/m) 130 117.0 104.0 91.0 78.0 65.0 52.0 39.0 26.0 13.0 0 5G BAND4 -6dB 1000 2000. 3000. 4000. 5000. 6000. 7000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit ReadAntenna Line Level Cable Factor Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5746.00 110.19 -12.11 122.30 95.28 35.65 11.27 32.01 194 71 Peak VERTICAL 2 5746.00 102.43 ------ ------ 87.52 35.65 11.27 32.01 194 71 Average VERTICAL

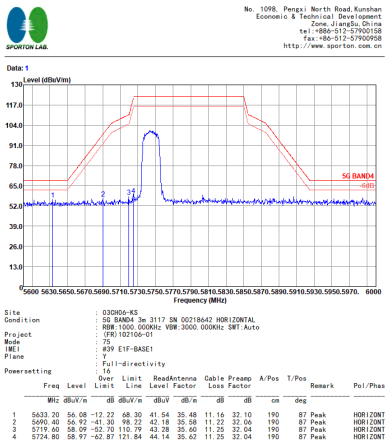
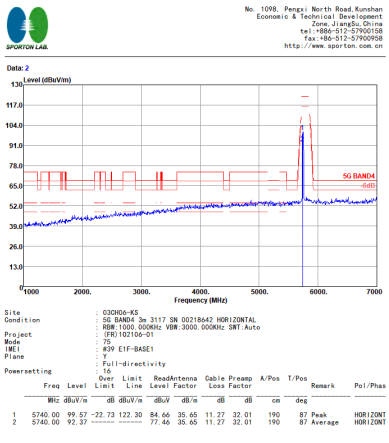
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
2	Horizontal	Fundamental
Peak		
Peak		Left blank

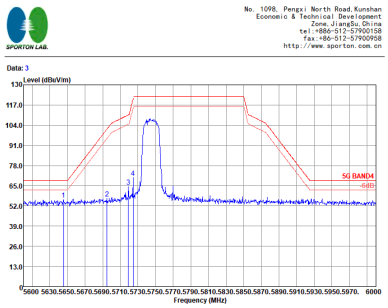
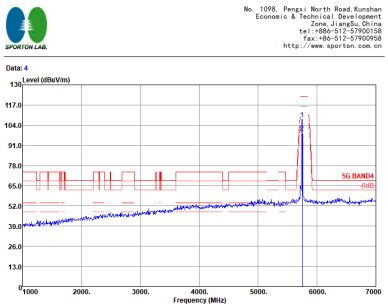
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
2	Vertical	Fundamental
Peak		
Peak		Left blank

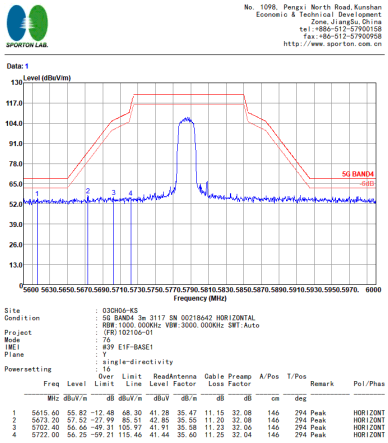
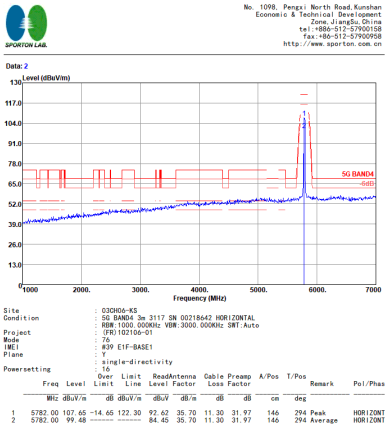
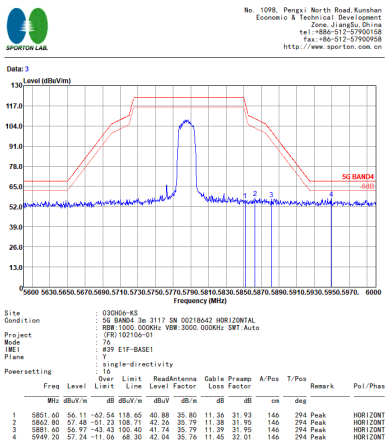
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Gain A/Pos Remark T/Pos Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5854.40 60.77 -51.50 112.27 45.52 35.80 11.38 31.93 145 290 Peak HORIZONT 2 5855.20 59.52 -51.32 110.84 44.27 35.80 11.38 31.93 145 290 Peak HORIZONT 3 5896.40 57.94 -31.49 89.43 42.72 35.78 11.41 31.97 145 290 Peak HORIZONT 4 5950.40 56.93 -11.37 68.30 41.73 35.76 11.45 32.01 145 290 Peak HORIZONT	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Gain A/Pos Remark T/Pos Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5824.00 107.22 -15.08 122.30 92.07 35.75 11.35 31.95 145 290 Peak HORIZONT 2 5824.00 99.89 ------ ------ 84.74 35.75 11.35 31.95 145 290 Average HORIZONT

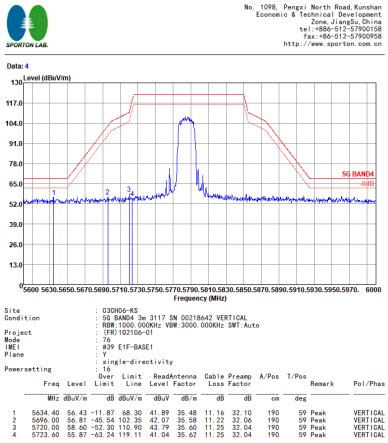
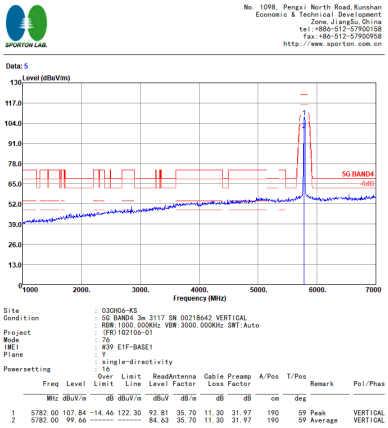
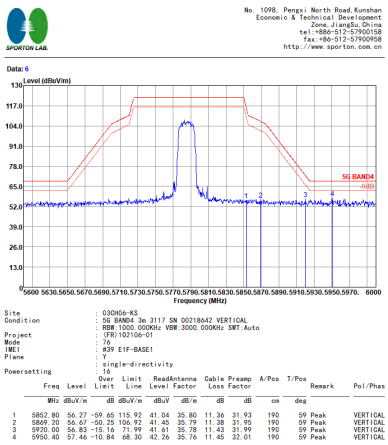
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit ReadAntenna Line Level Cable Factor Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5852.00 61.55 -56.19 117.74 46.32 35.80 11.36 31.93 201 111 Peak VERTICAL 2 5858.00 58.08 -51.98 110.06 42.85 35.80 11.38 31.95 201 111 Peak VERTICAL 3 5900.80 59.36 -26.81 86.17 44.14 35.78 11.41 31.97 201 111 Peak VERTICAL 4 5988.40 57.06 -11.24 68.30 41.88 35.75 11.48 32.05 201 111 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 Freq Level Over Limit Limit ReadAntenna Line Level Cable Factor Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5824.00 108.85 -13.45 122.30 93.70 35.75 11.35 31.95 201 111 Peak VERTICAL 2 5824.00 101.43 ------ ------ 86.28 35.75 11.35 31.95 201 111 Average VERTICAL

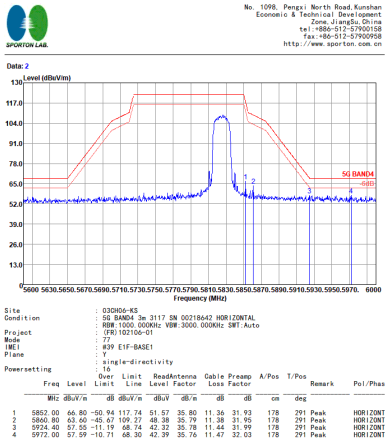
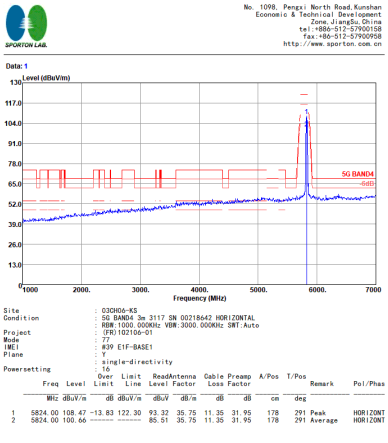
U-NII-3 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

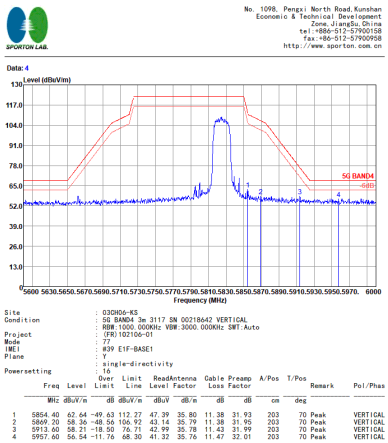
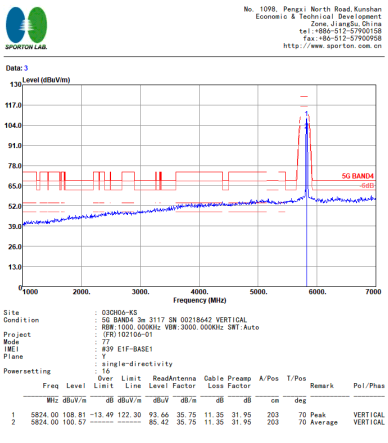
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
2	Horizontal	Fundamental
Peak		

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
2	Vertical	Fundamental
Peak Avg.	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 75 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 5645.60 56.02 -17.28 68.30 41.46 35.50 11.16 32.10 224 132 Peak VERTICAL 2 5694.80 56.88 -44.59 101.47 42.14 35.58 11.22 32.06 224 132 Peak VERTICAL 3 5719.20 64.40 -46.28 110.68 49.59 35.60 11.25 32.04 224 132 Peak VERTICAL 4 5724.40 70.13 -50.80 120.93 55.30 35.62 11.25 32.04 224 132 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 75 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 5746.00 107.94 -14.36 122.30 93.03 35.65 11.27 32.01 224 132 Peak VERTICAL 2 5746.00 99.15 ------- ------- 84.24 35.65 11.27 32.01 224 132 Average VERTICAL

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
2	Horizontal	Fundamental
Peak		
Peak		Left blank

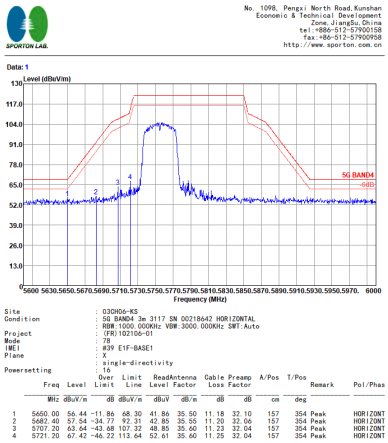
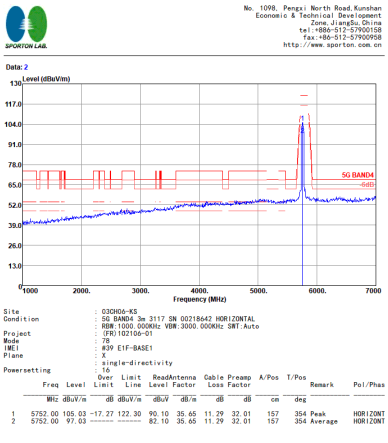
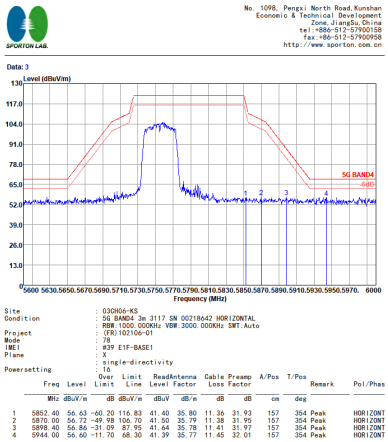
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
2	Vertical	Fundamental
Peak		
Peak		Left blank

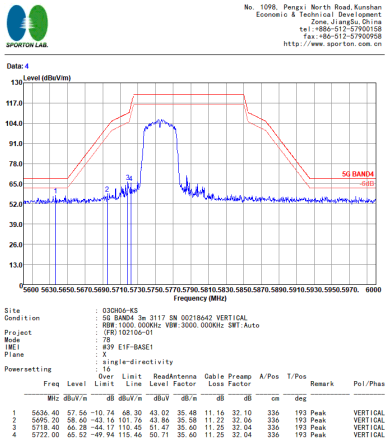
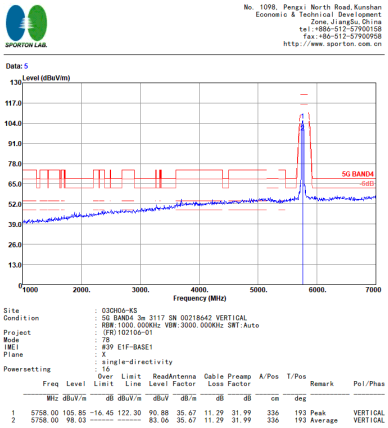
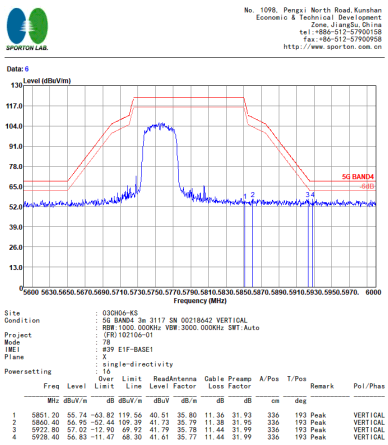
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 77 IMEI : #39 E1F-BASE1 Plane : Y : single-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos Remark T/Pos Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5852.00 66.80 -50.94 117.74 51.57 35.80 11.36 31.93 178 291 Peak HORIZONT 2 5860.80 63.60 -45.67 109.27 48.38 35.79 11.38 31.95 178 291 Peak HORIZONT 3 5924.40 57.55 -11.19 68.74 42.32 35.78 11.44 31.99 178 291 Peak HORIZONT 4 5972.00 57.59 -10.71 68.30 42.39 35.76 11.47 32.03 178 291 Peak HORIZONT	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 77 IMEI : #39 E1F-BASE1 Plane : Y : single-directivity Powersetting : 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos Remark T/Pos Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5824.00 108.47 -13.83 122.30 93.32 35.75 11.35 31.95 178 291 Peak HORIZONT 2 5824.00 100.66 ------ ------ 85.51 35.75 11.35 31.95 178 291 Average HORIZONT

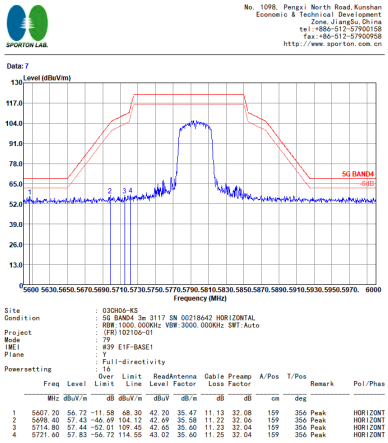
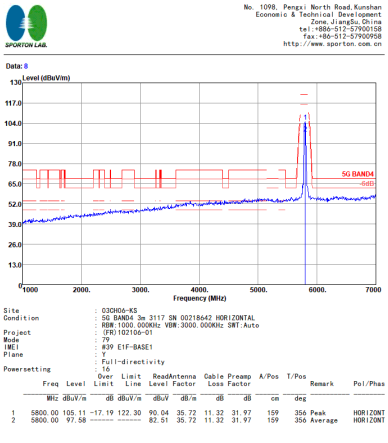
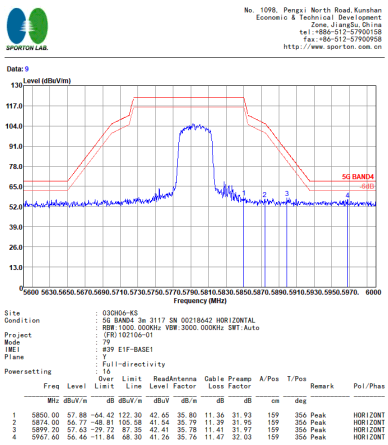
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
2	Vertical	Fundamental
Peak Avg.	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 77 IMEI : #39 E1F-BASE1 Plane : Y : single-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5854.40 62.64 -49.63 112.27 47.39 35.80 11.38 31.93 203 70 Peak VERTICAL 2 5869.20 58.36 -48.56 106.92 43.14 35.79 11.38 31.95 203 70 Peak VERTICAL 3 5913.60 58.21 -18.50 76.71 42.99 35.78 11.43 31.99 203 70 Peak VERTICAL 4 5957.60 56.54 -11.76 68.30 41.32 35.76 11.47 32.01 203 70 Peak VERTICAL	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 77 IMEI : #39 E1F-BASE1 Plane : Y : single-directivity Powersetting : 16 Freq Level Over Limit Limit 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 5824.00 108.81 -13.49 122.30 93.66 35.75 11.35 31.95 203 70 Peak VERTICAL 2 5824.00 100.57 ------ ------ 85.42 35.75 11.35 31.95 203 70 Average VERTICAL

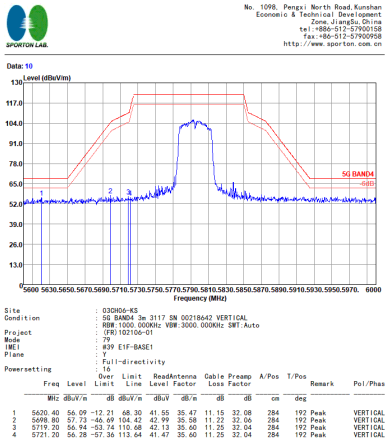
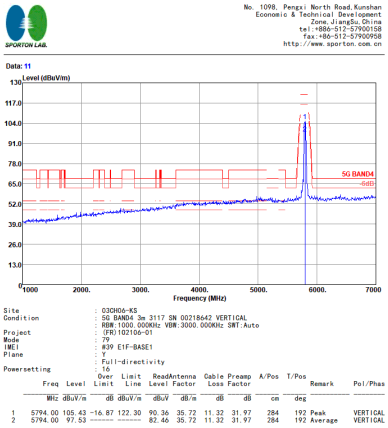
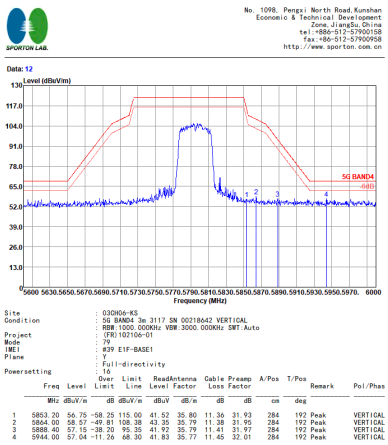
U-NII-3 5725~5850MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
2	Horizontal	Fundamental
Peak		
Peak		Left blank

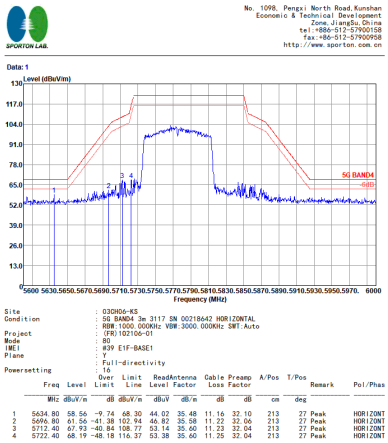
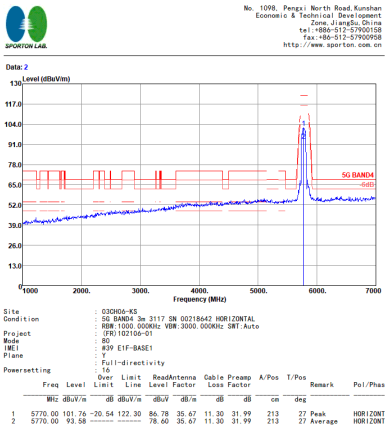
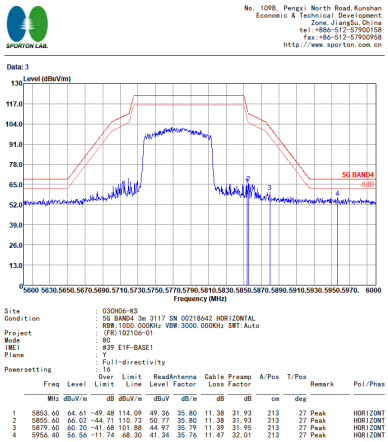
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
2	Vertical	Fundamental
Peak		
Peak		Left blank

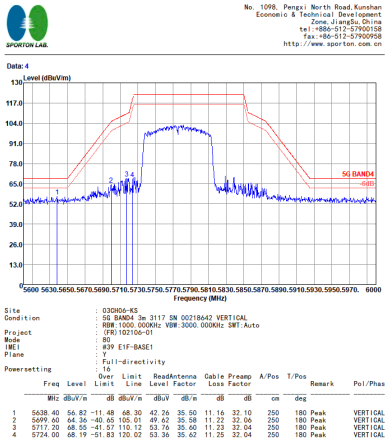
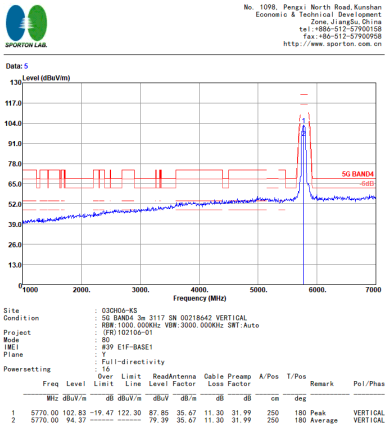
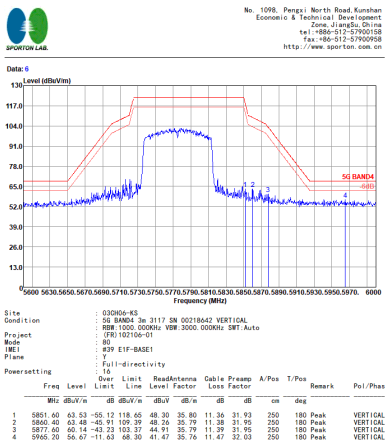
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
2	Horizontal	Fundamental
Peak		
Peak		Left blank

WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
2	Vertical	Fundamental
Peak		
Peak		Left blank

U-NII-3 5725~5850MHz

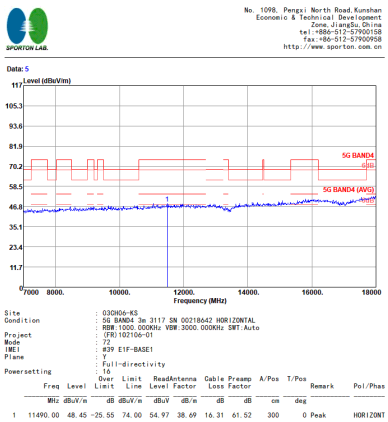
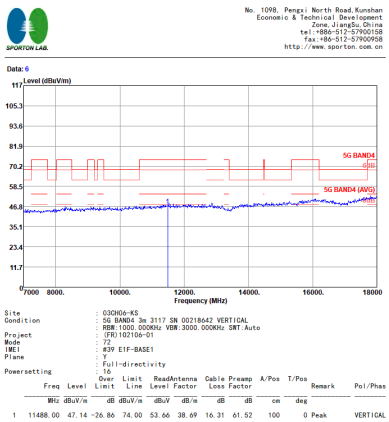
WIFI 802.11ac VHT80 (Band Edge @ 3m)

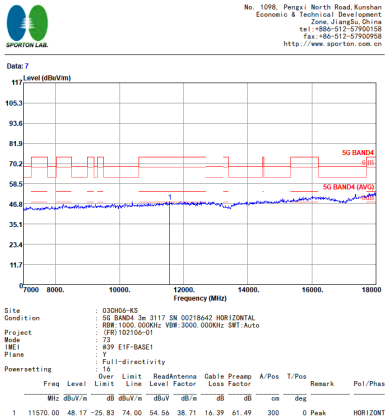
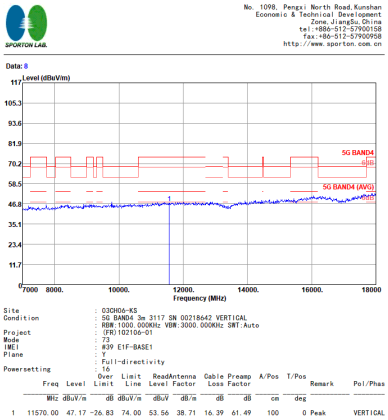
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
2	Horizontal	Fundamental
Peak		
Peak		Left blank

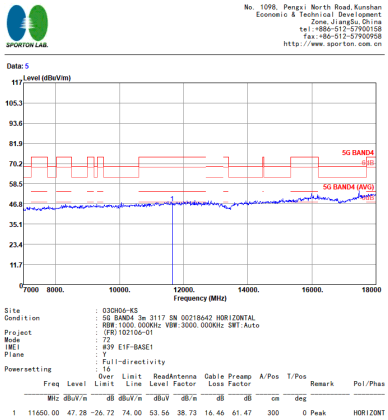
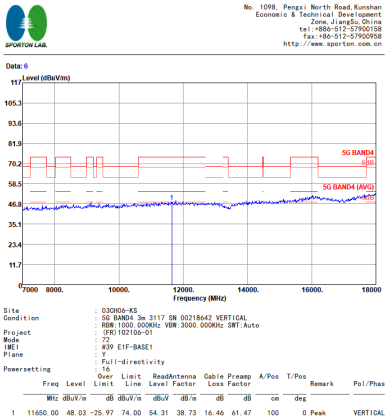
WIFI	U-NII-3 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
2	Vertical	Fundamental
Peak		
Peak		Left blank

U-NII-3 - 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

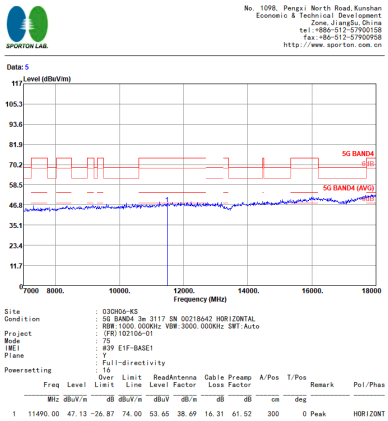
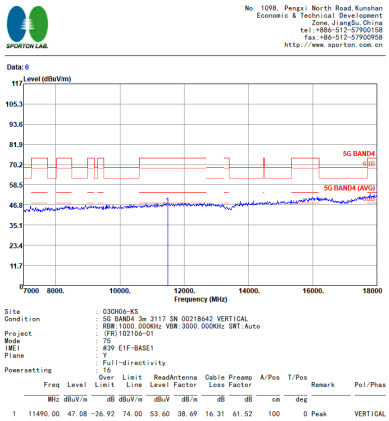
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
2	Horizontal	Vertical
Peak Avg.		

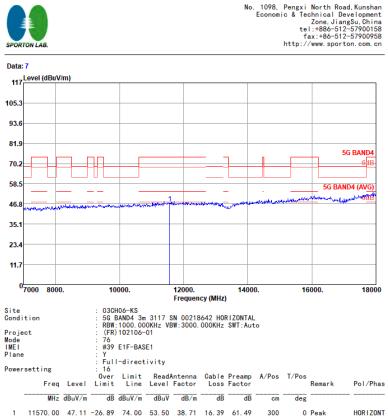
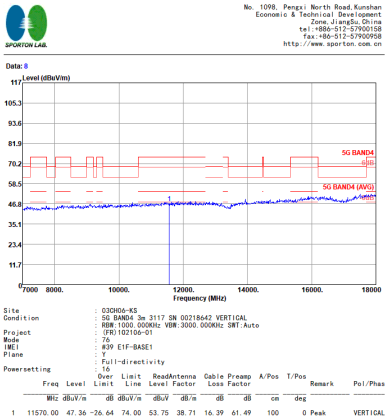
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
2	Horizontal	Vertical
Peak Avg.	 	

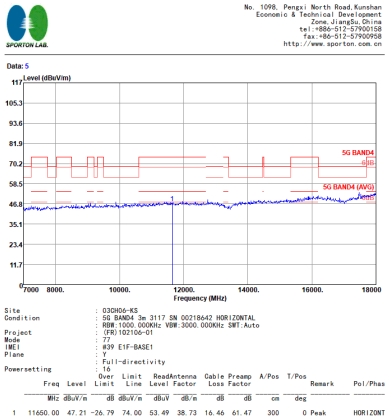
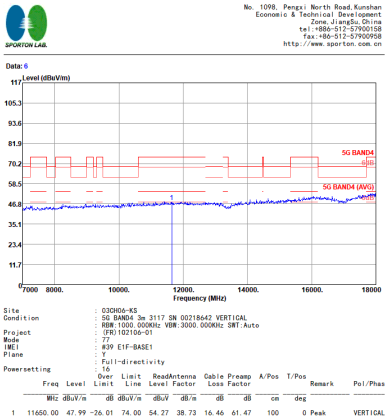
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 5 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) limit Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11650.00 47.28 -26.72 74.00 53.56 38.73 16.46 61.47 300 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: 6 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) limit Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 72 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11650.00 48.03 -25.97 74.00 54.31 38.73 16.46 61.47 100 0 Peak VERTICAL

U-NII-3 5725~5850MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

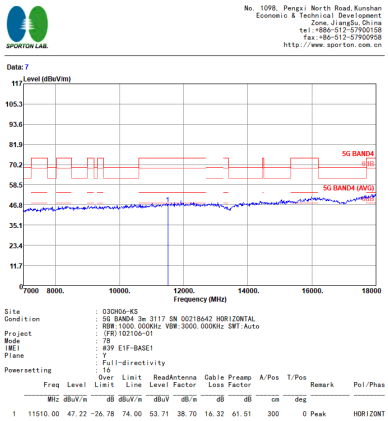
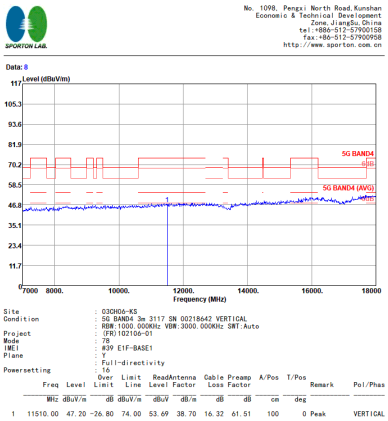
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 75 IMEI : #3V E1F-BASE1 Plane : T : Full-directivity Powersetting : 16 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 11490.00 47.13 -26.87 74.00 53.65 38.69 16.31 61.52 300 0 Peak HORIZONT	 Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 75 IMEI : #3V E1F-BASE1 Plane : T : Full-directivity Powersetting : 16 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 11490.00 47.08 -26.92 74.00 53.60 38.69 16.31 61.52 100 0 Peak VERTICAL

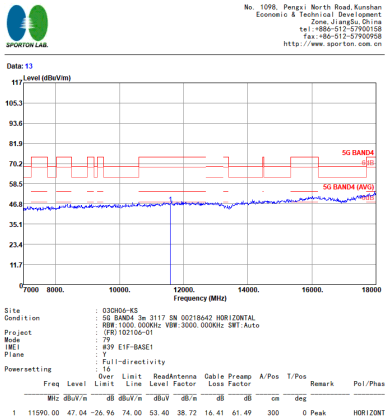
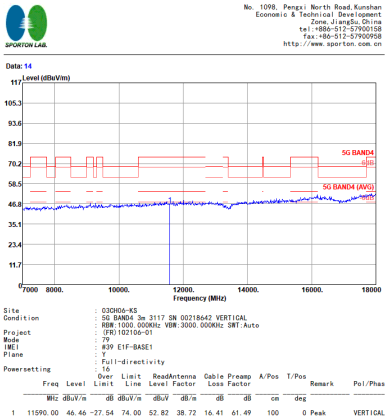
WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 7 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 5G BAND4 5G BAND4 (AVG) 7000 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 76 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11570.00 47.11 -26.89 74.00 53.50 38.71 16.39 61.49 300 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: 8 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 5G BAND4 5G BAND4 (AVG) 7000 8000. 10000. 12000. 14000. 16000. 18000 Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 76 IMEI : #39 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 16 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 11570.00 47.36 -26.64 74.00 53.75 38.71 16.39 61.49 100 0 Peak VERTICAL

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
2	Horizontal	Vertical
Peak Avg.	 	

U-NII-3 5725~5850MHz

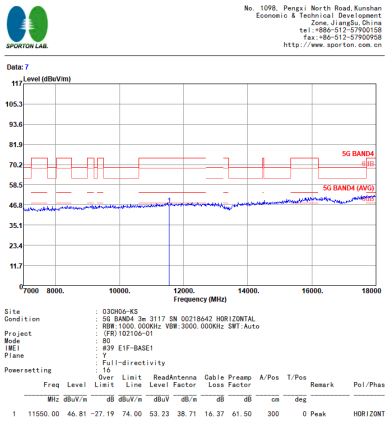
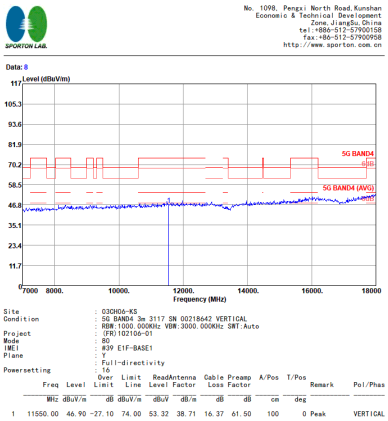
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
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: 13 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 79 IMEI : #39 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 16 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 11590.00 47.04 -26.96 74.00 53.40 38.72 16.41 61.49 300 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: 14 Level (dBuV/m) 5G BAND4 5G BAND4 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND4 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 79 IMEI : #39 E1F-BASE1 Plane : Y Powersetting : Full-directivity : 16 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 11590.00 46.46 -27.54 74.00 52.82 38.72 16.41 61.49 100 0 Peak VERTICAL

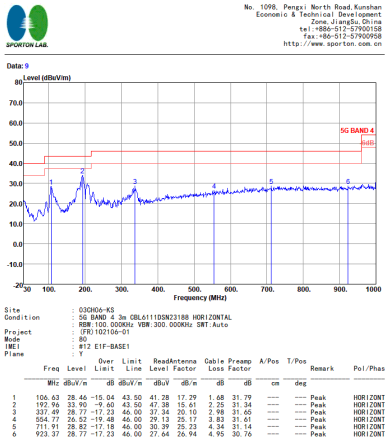
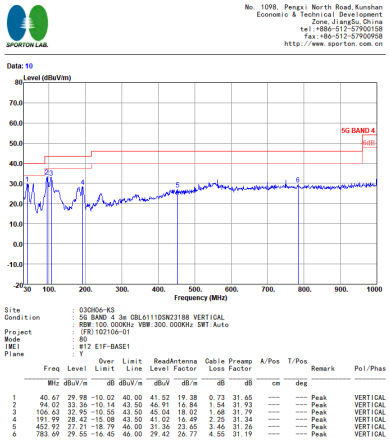
U-NII-3 5725~5850MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	U-NII-3 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
2	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

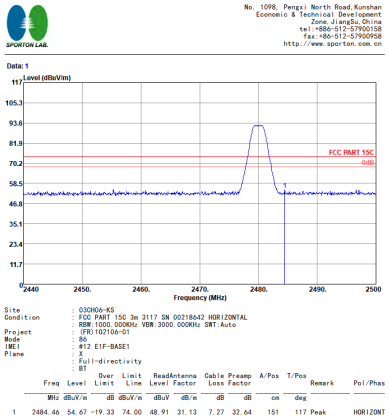
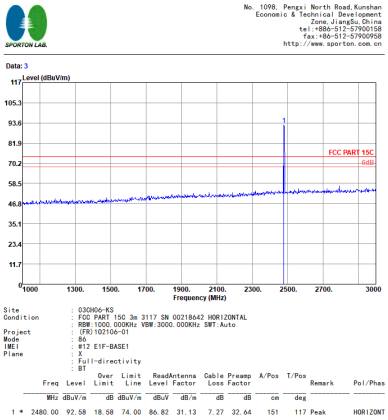
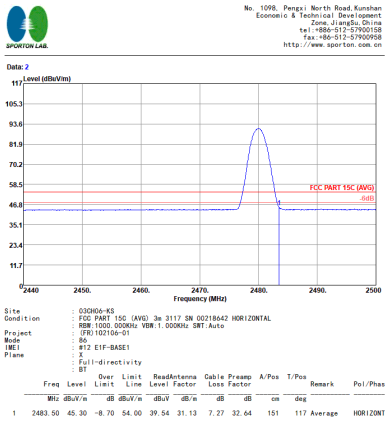
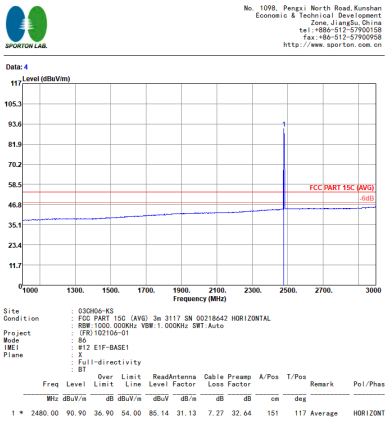
WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
2	Horizontal	Vertical
QP / Peak			

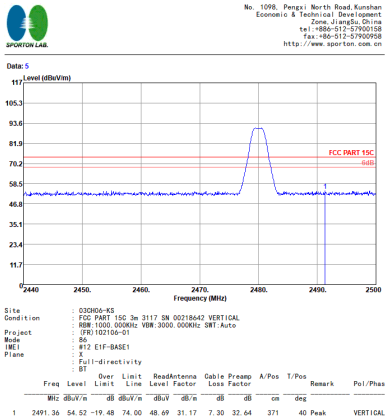
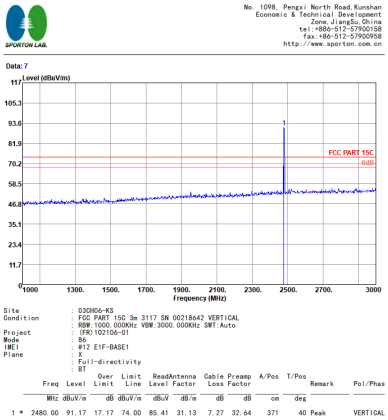
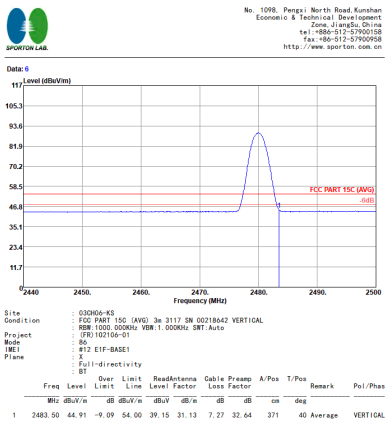
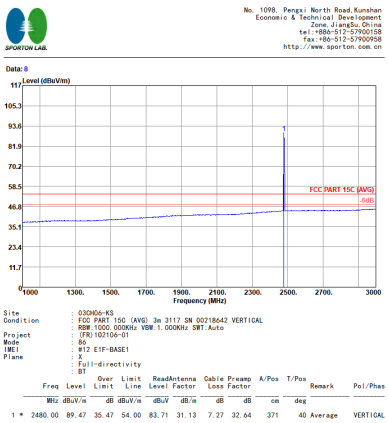
<Simultaneous transmission>

WIFI 802.11ac VHT80& BLE

2.4GHz 2400~2483.5MHz

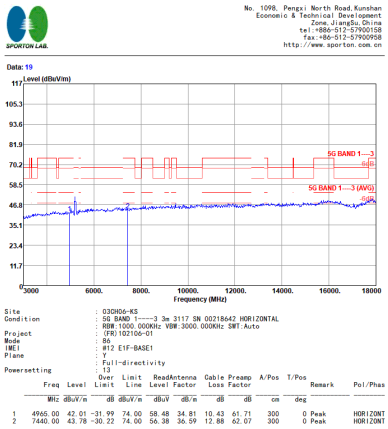
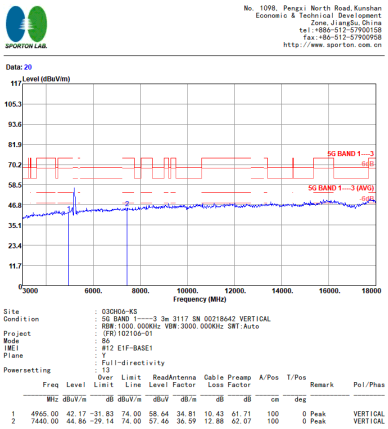
BLE（ANT 2）---5.0 (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH06-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 86 IMEI : #12 E1F-BASE1 Plane : X : Full-directivity : BT Freq Level Over Limit Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 2484.46 54.67 -19.33 74.00 48.91 31.13 7.27 32.64 151 117 Peak HORIZONT	 Site : 03CH06-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : 86 IMEI : #12 E1F-BASE1 Plane : X : Full-directivity : BT Freq Level Over Limit Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 2480.00 92.58 18.58 74.00 86.82 31.13 7.27 32.64 151 117 Peak HORIZONT
Avg.	 Site : 03CH06-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : (FR)102106-01 Mode : 86 IMEI : #12 E1F-BASE1 Plane : X : Full-directivity : BT Freq Level Over Limit Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 2483.50 45.30 -8.70 54.00 39.54 31.13 7.27 32.64 151 117 Average HORIZONT	 Site : 03CH06-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : (FR)102106-01 Mode : 86 IMEI : #12 E1F-BASE1 Plane : X : Full-directivity : BT Freq Level Over Limit Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 2480.00 90.90 36.90 54.00 85.14 31.13 7.27 32.64 151 117 Average HORIZONT

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

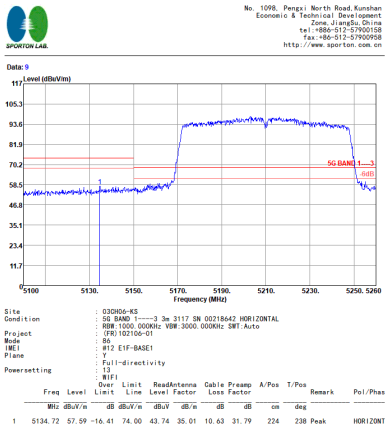
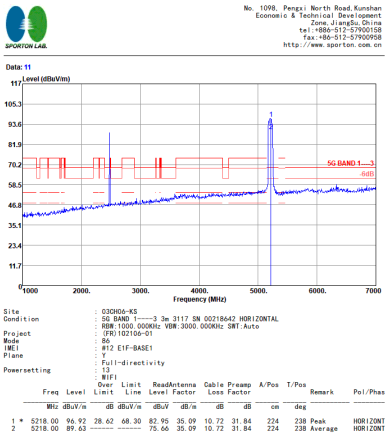
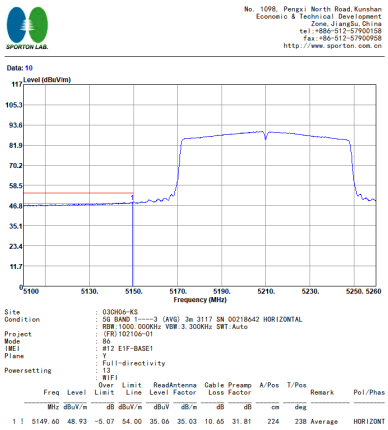
2.4GHz 2400~2483.5MHz

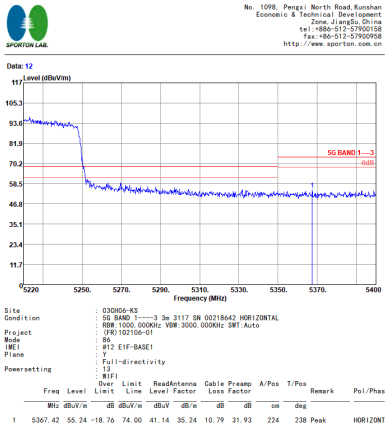
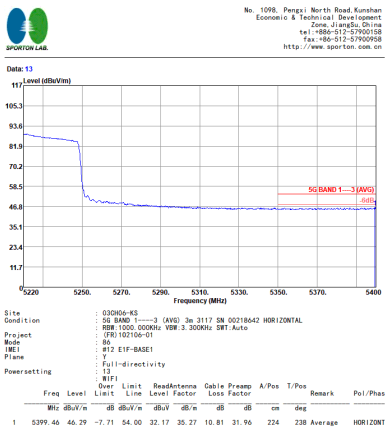
BLE（ANT 2）---5.0 (Harmonic @ 3m)

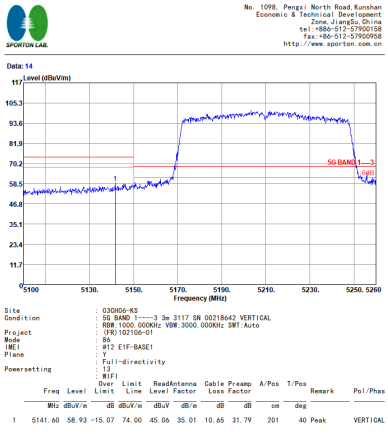
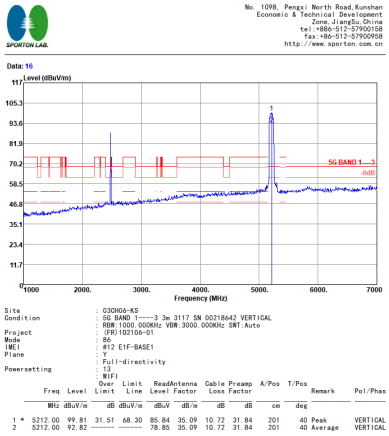
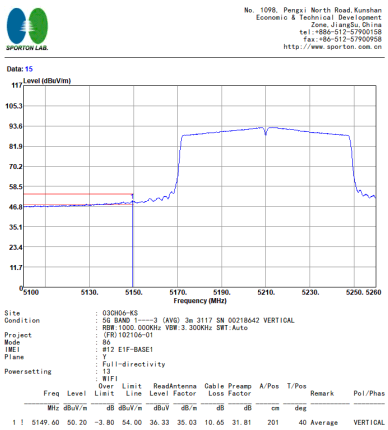
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
2	Horizonta	Vertical
Peak	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+86-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 19 Level (dBuV/m) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : B6 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 13 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 4965.00 42.01 -31.99 74.00 58.48 34.81 10.43 61.71 300 0 Peak HORIZONT 2 7440.00 43.78 -30.22 74.00 56.38 36.59 12.88 62.07 300 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) 5G BAND 1---3 5G BAND 1---3 (AVG) Frequency (MHz) Site : 03CH06-KS Condition : 5G BAND 1----3 3m 3117 SN 00218642 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)102106-01 Mode : B6 IMEI : #12 E1F-BASE1 Plane : Y : Full-directivity Powersetting : 13 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 4965.00 42.17 -31.83 74.00 58.64 34.81 10.43 61.71 100 0 Peak VERTICAL 2 7440.00 44.86 -29.14 74.00 57.46 36.59 12.88 62.07 100 0 Peak VERTICAL

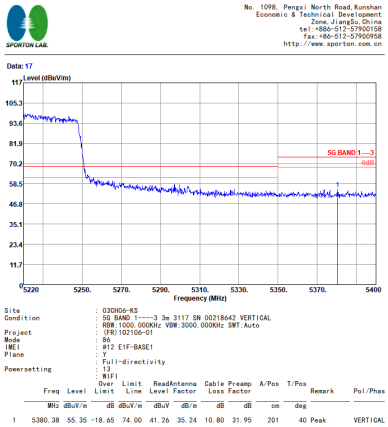
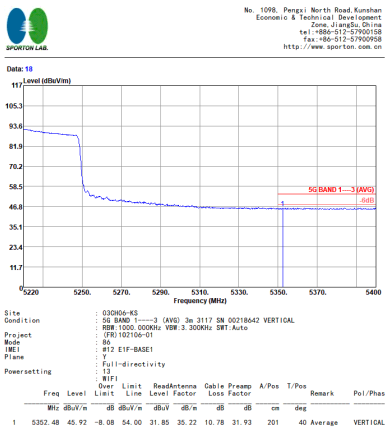
U-NII-1 - 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

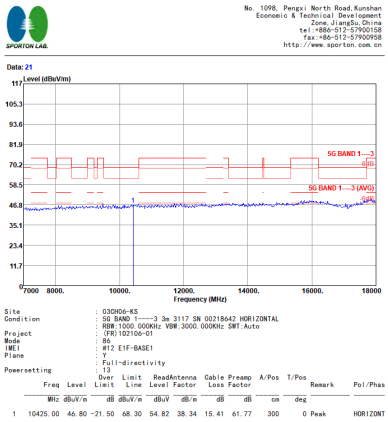
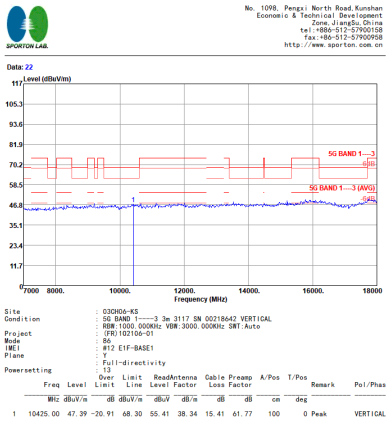
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

U-NII-1 - 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

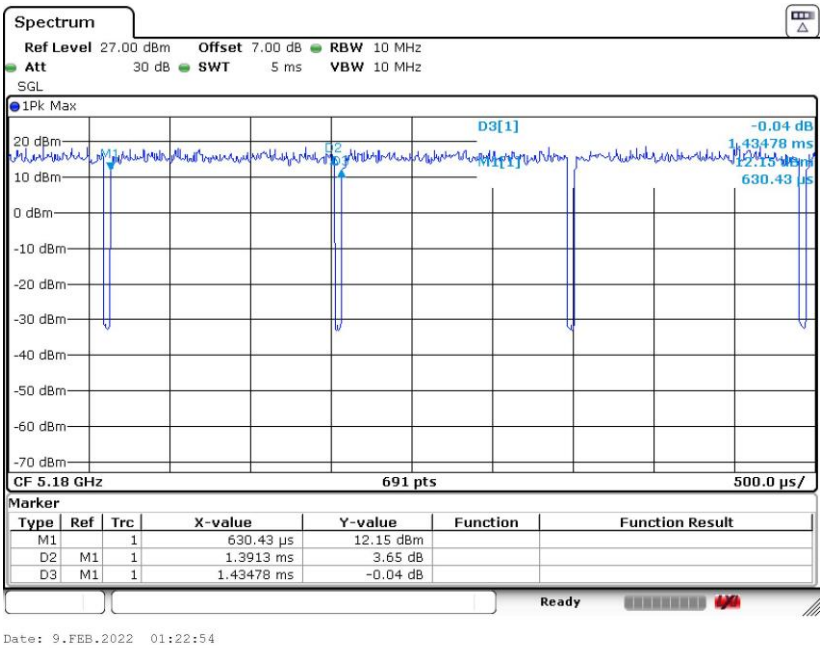
WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
2	Horizontal	Vertical
Peak Avg.		

Appendix E. Duty Cycle Plots

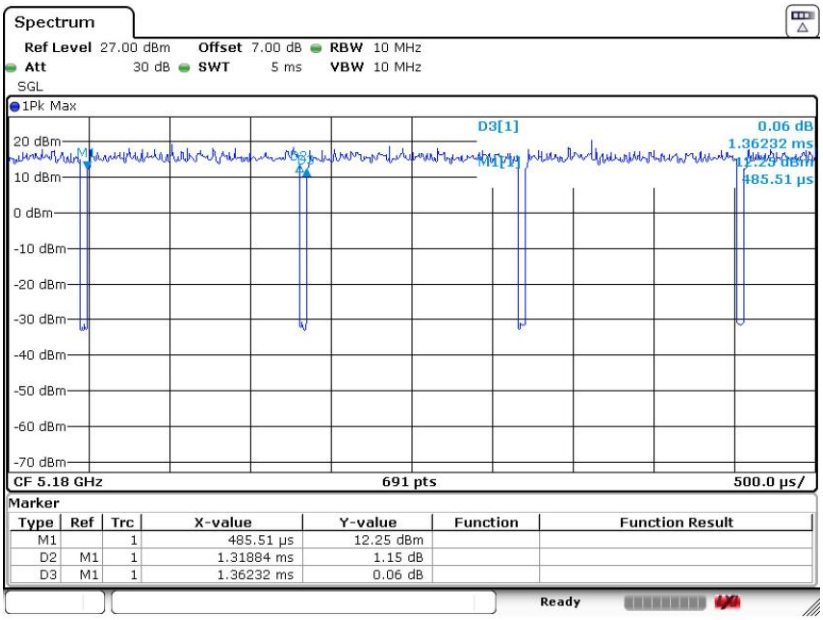
< Ant 1>:

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	96.97	1.391	0.719	0.75KHz
802.11ac VHT20	96.81	1.319	0.758	0.82KHz
802.11ac VHT40	93.73	0.649	1.540	1.6KHz
802.11ac VHT80	88.09	0.322	3.108	3.3KHz

802.11a



802.11ac VHT20



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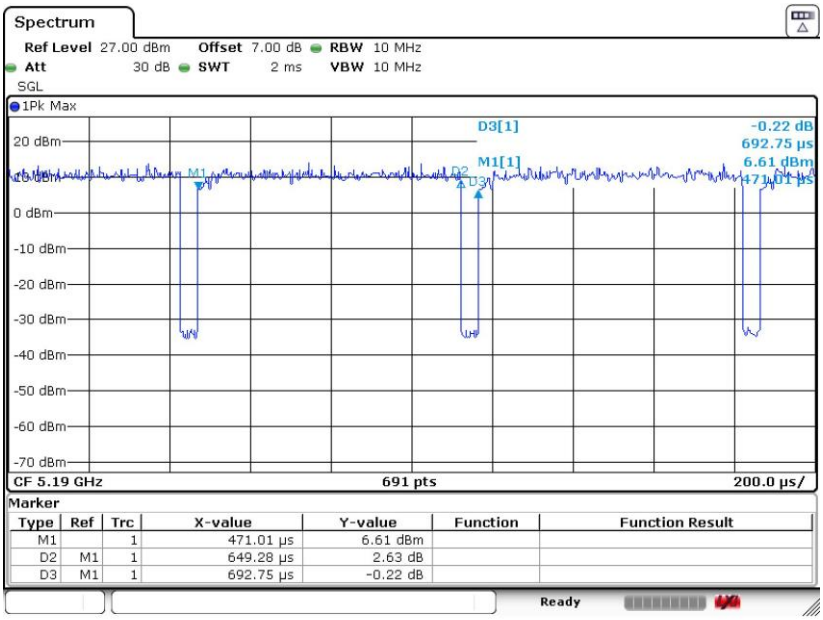
802.11ac VHT40



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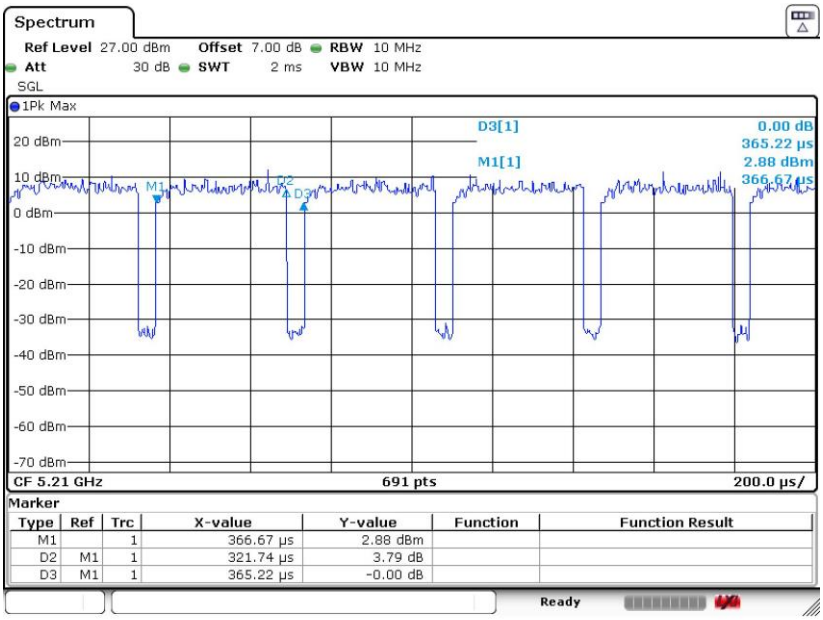
802.11ac VHT80



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