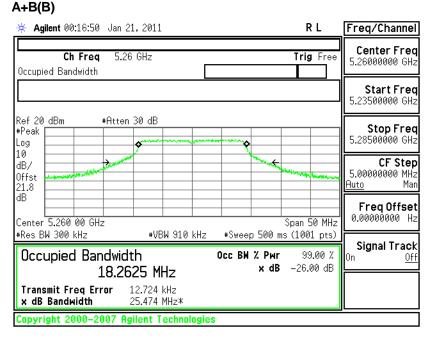
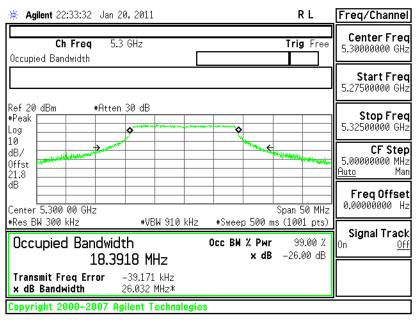


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain A



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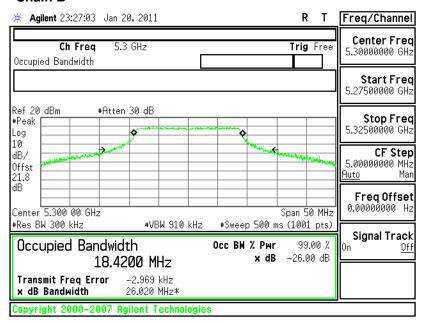
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 141 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

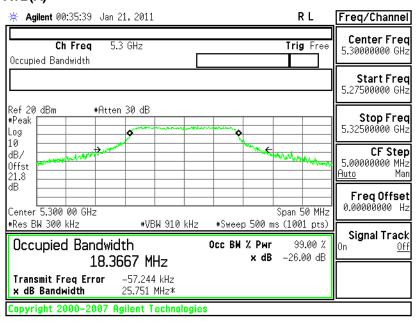


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain A+B(A)



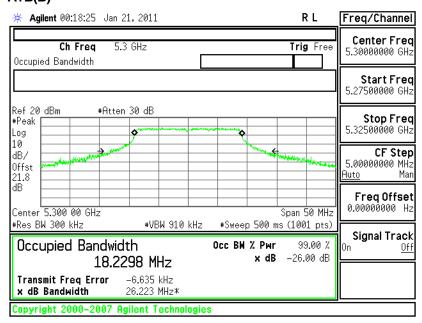
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 142 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

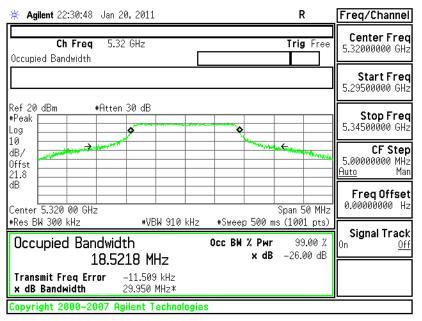


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain A



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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

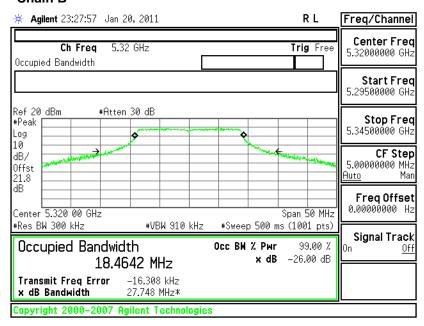
Page Number : 143 of 812 Report Issued Date: May 17, 2012

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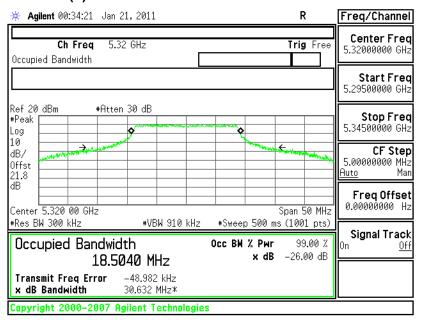


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(A)



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

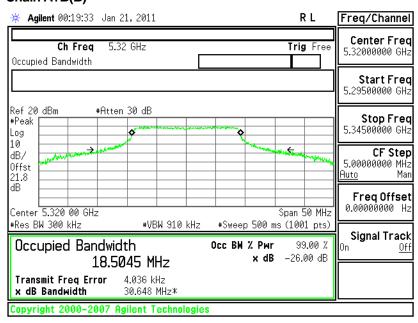
Page Number : 144 of 812 Report Issued Date: May 17, 2012

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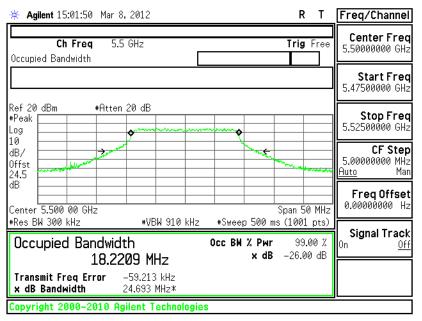


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain A



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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 145 of 812 Report Issued Date : May 17, 2012

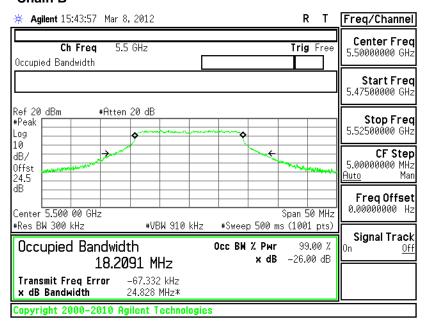
: Rev. 05

Report Version

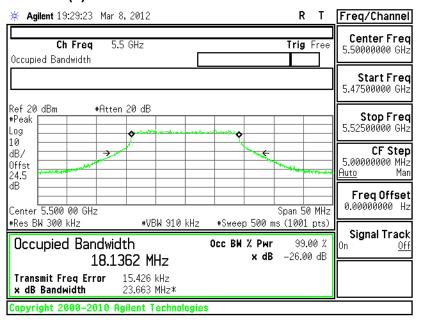


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 - Chain A+B(A)



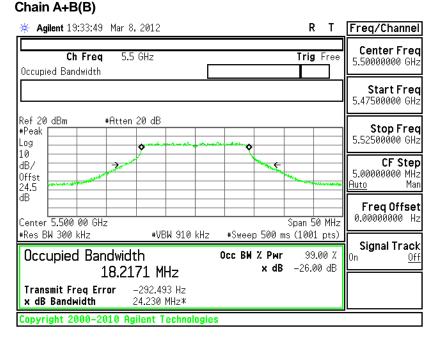
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 146 of 812 Report Issued Date : May 17, 2012

Report No.: FR092308-08

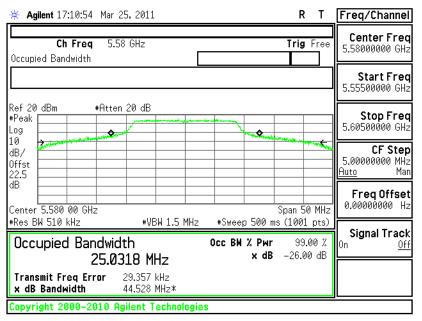


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 -



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain A



SPORTON INTERNATIONAL INC.

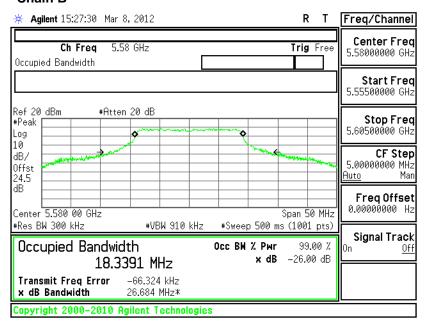
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 147 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

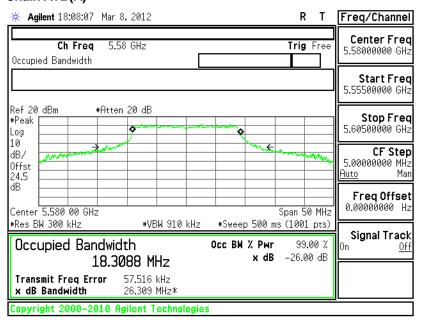


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 -Chain A+B(A)



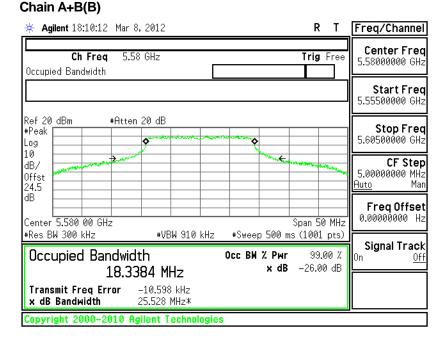
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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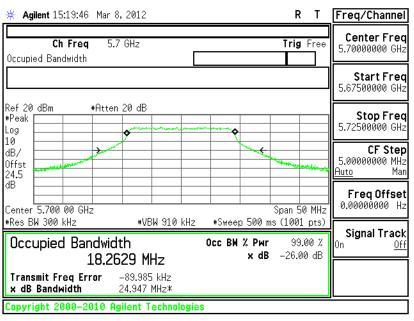


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 -



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain A



SPORTON INTERNATIONAL INC.

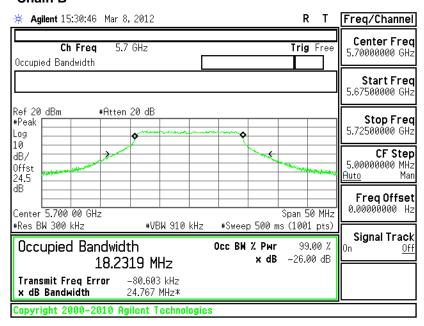
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 149 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

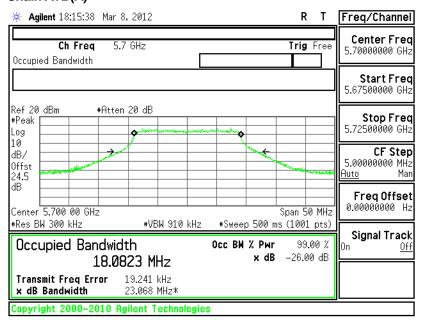


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 -Chain A+B(A)



SPORTON INTERNATIONAL INC.

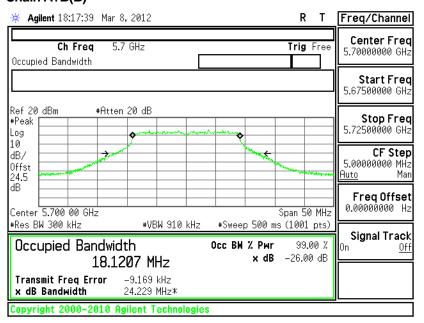
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(B)



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 151 of 812
Report Issued Date : May 17, 2012
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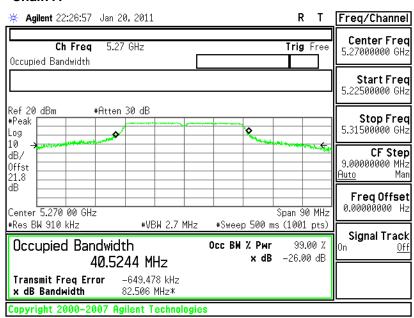
FCC RF Test Report

Test Mode :	Mode 13~17	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

II.nannaii	Frequency		Dece/Feil			
	(MHz)	SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
54	5270	82.506	86.426	51.069	48.769	N/A
62	5310	51.315	51.869	52.492	49.186	N/A
102	5510	52.760	52.272	53.856	48.268	N/A
110	5550	74.283	69.496	69.770	69.225	N/A
134	5670	52.234	51.531	51.980	49.326	N/A

26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain A



SPORTON INTERNATIONAL INC.

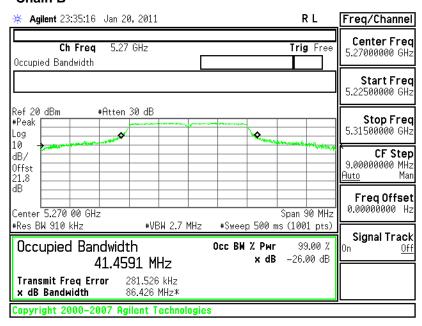
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 152 of 812
Report Issued Date : May 17, 2012
Report Version : Rev. 05



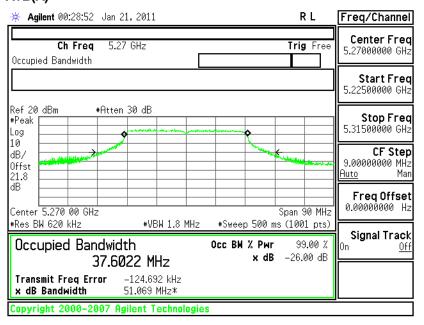
Test Report No. : FR092308-08

26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(A)

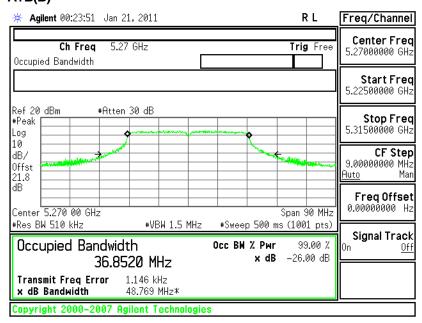


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 153 of 812
Report Issued Date : May 17, 2012
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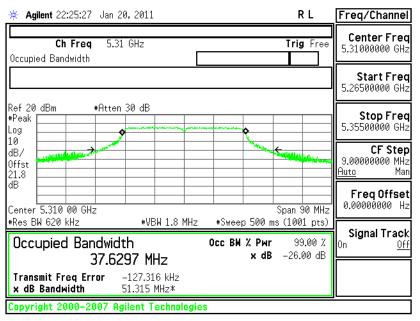


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain A



SPORTON INTERNATIONAL INC.

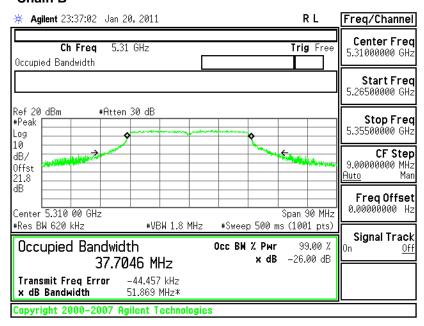
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 154 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

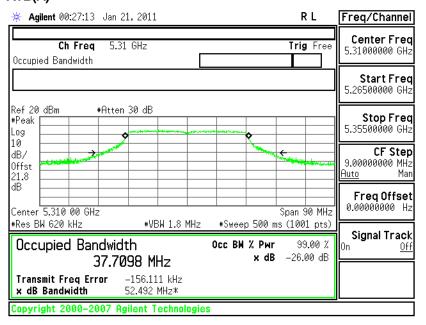


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(A)

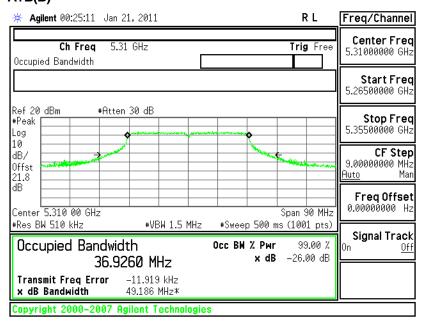


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 155 of 812
Report Issued Date : May 17, 2012

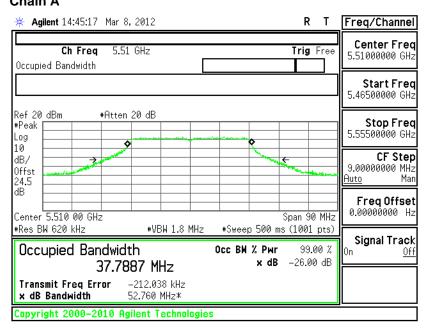
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -Chain A



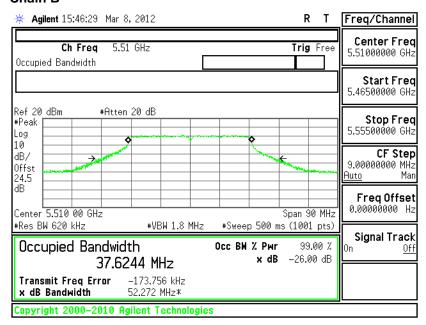
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

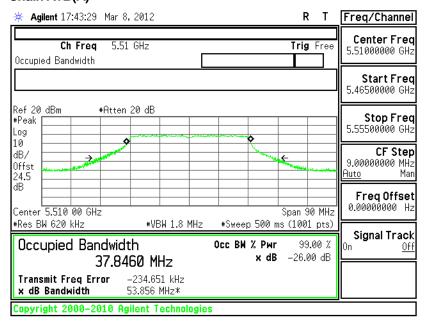
Page Number : 156 of 812 Report Issued Date: May 17, 2012



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A+B(A)



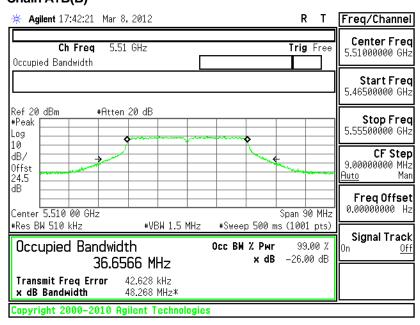
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 157 of 812 Report Issued Date : May 17, 2012

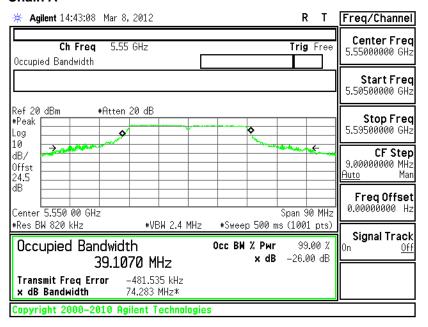
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A+B(B)



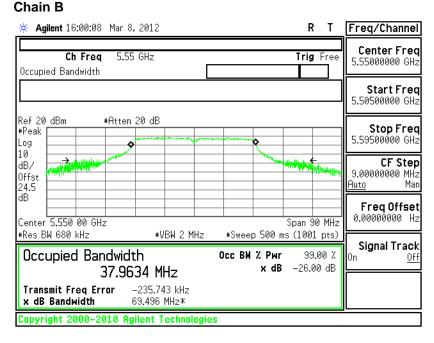
26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A



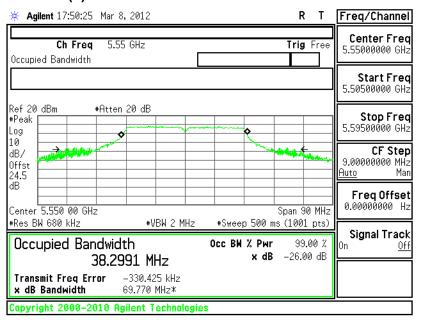
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 158 of 812
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A+B(A)



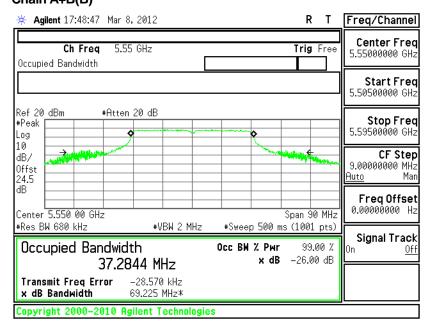
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 159 of 812 Report Issued Date : May 17, 2012

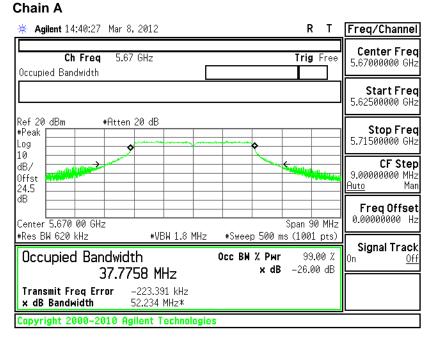
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 -



SPORTON INTERNATIONAL INC.

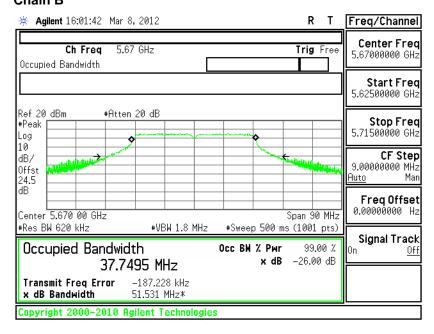
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

Page Number : 160 of 812 Report Issued Date: May 17, 2012

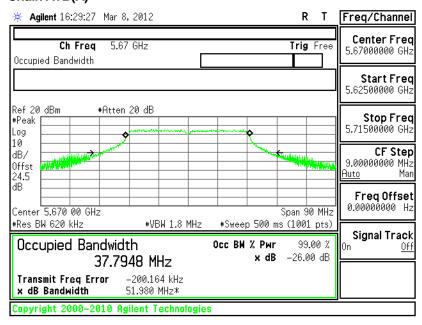
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(A)

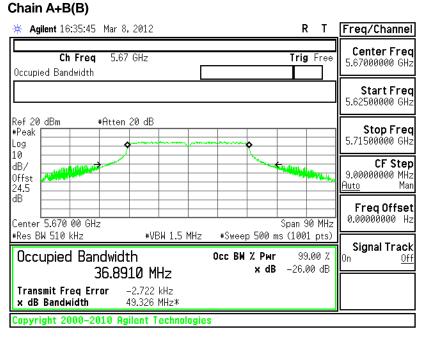


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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 161 of 812
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 -



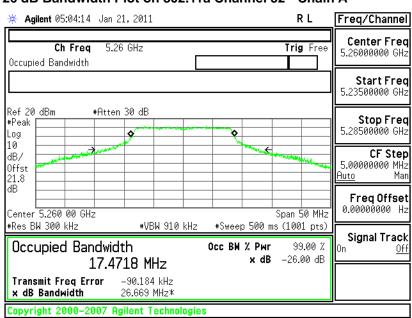
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 162 of 812
Report Issued Date : May 17, 2012
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<Antenna 3 for 4.5V>

Test Mode :	Mode 1~6	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

	Frequency	802.11a 26dB Bandwidth (MHz)				
Channel	(MHz)	SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B (A)	Chain A+B (B)	
52	5260	26.669	30.625	25.264	23.897	N/A
60	5300	35.977	31.561	24.449	25.270	N/A
64	5320	25.843	26.027	25.177	25.770	N/A
100	5500	24.292	24.908	24.364	23.513	N/A
116	5580	39.404	33.029	36.441	32.365	N/A
140	5700	24.025	23.795	24.350	23.681	N/A

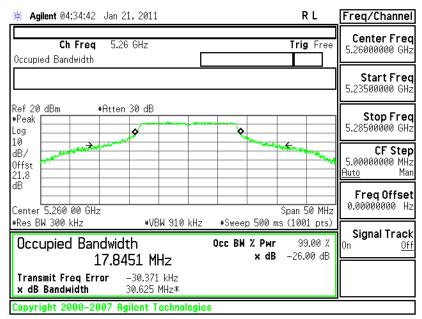
26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A



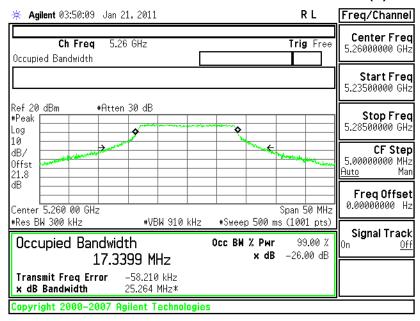
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 163 of 812
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26 dB Bandwidth Plot on 802.11a Channel 52 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(A)

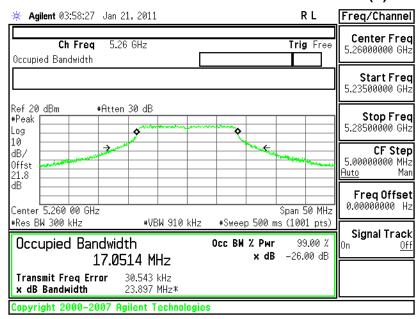


SPORTON INTERNATIONAL INC.

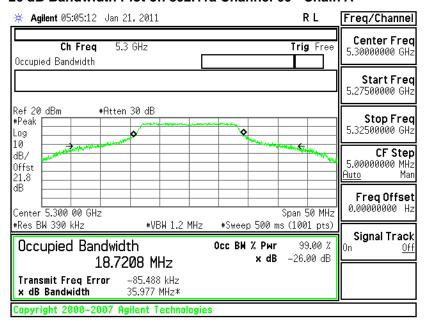
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 164 of 812
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26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A

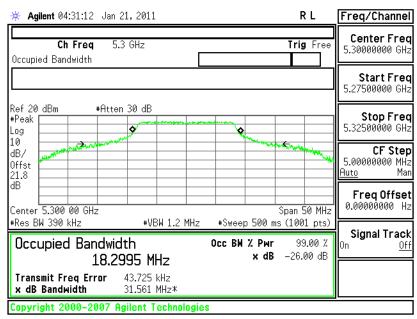


SPORTON INTERNATIONAL INC.

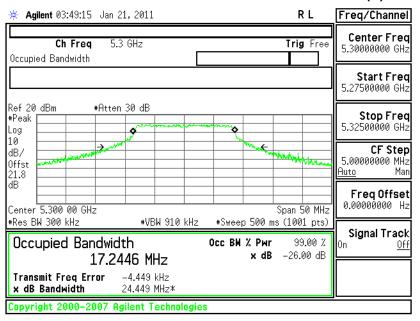
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 165 of 812
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26 dB Bandwidth Plot on 802.11a Channel 60 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(A)



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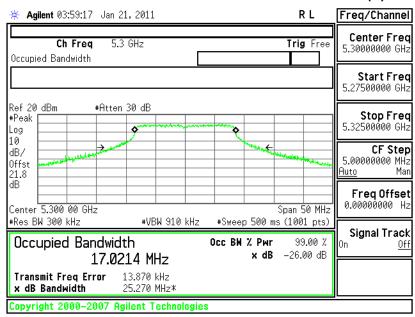
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 166 of 812
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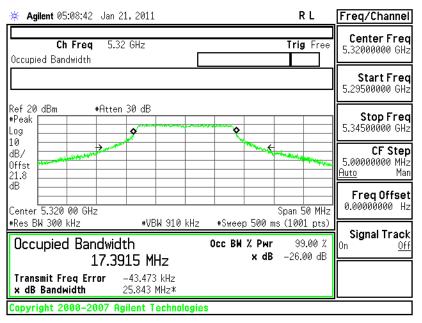
•

Report No.: FR092308-08

26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A

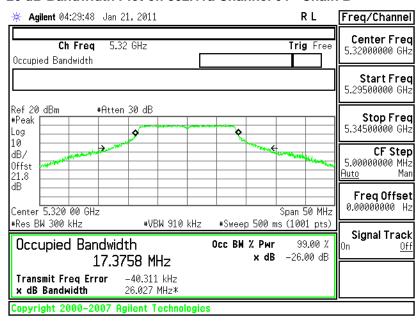


SPORTON INTERNATIONAL INC.

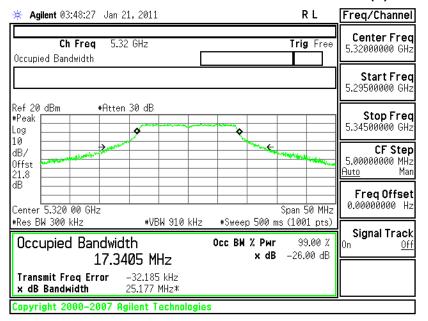
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 167 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(A)

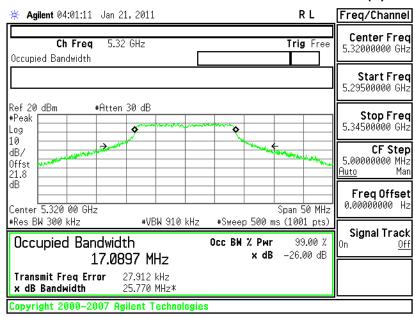


SPORTON INTERNATIONAL INC.

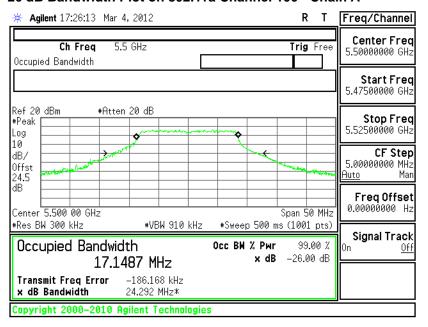
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 168 of 812
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(B)



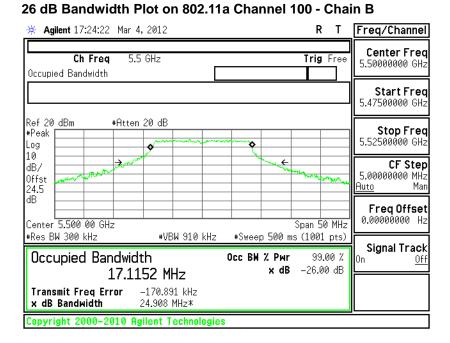
26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A



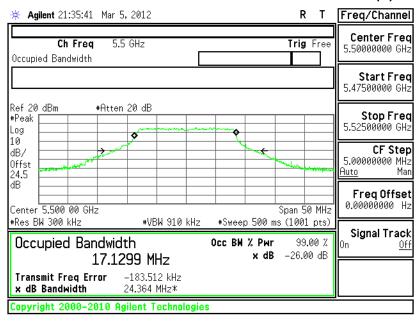
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 169 of 812
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26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A+B(A)



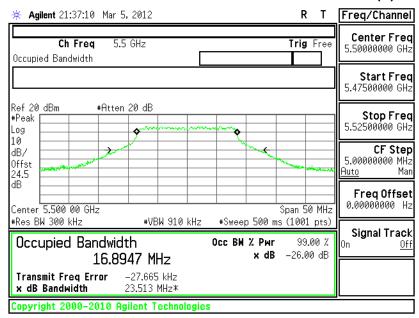
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 170 of 812 Report Issued Date : May 17, 2012

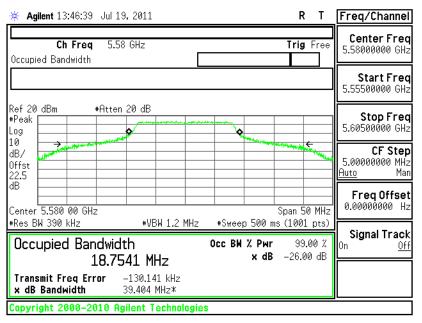
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A+B(B)



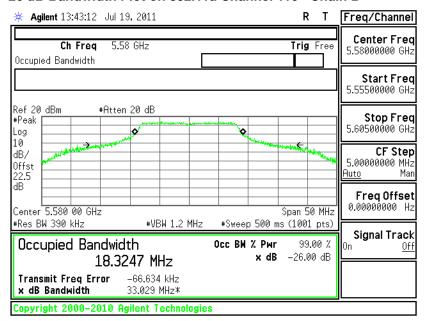
26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A



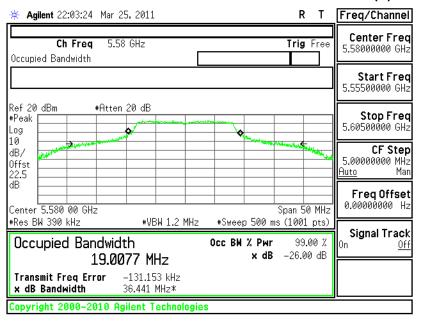
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 171 of 812
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26 dB Bandwidth Plot on 802.11a Channel 116 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(A)

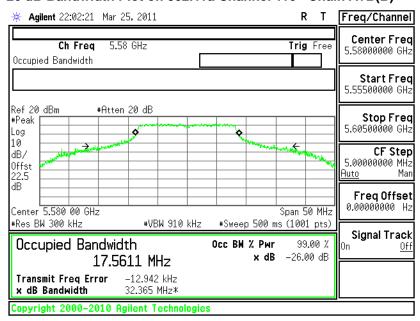


SPORTON INTERNATIONAL INC.

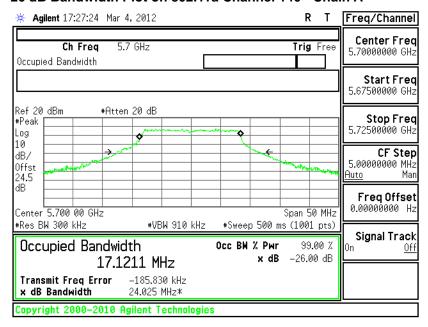
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 172 of 812
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26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A



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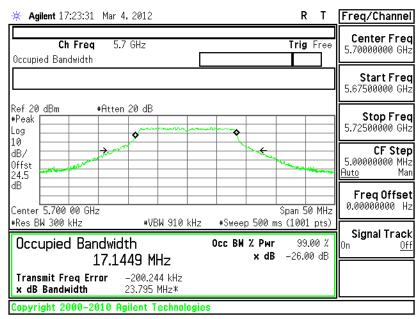
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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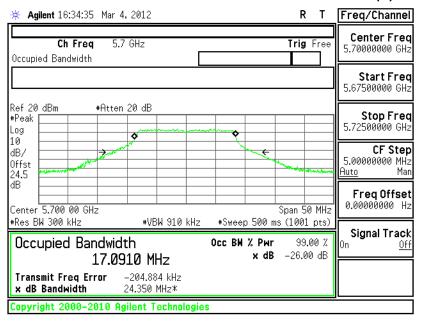
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(A)



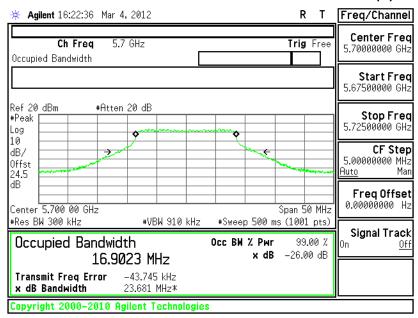
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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(B)



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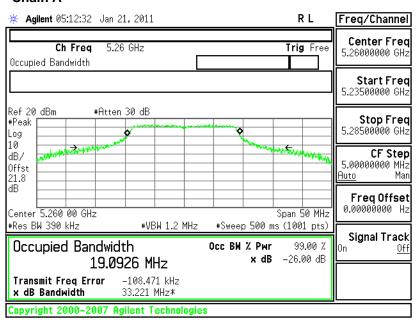
FCC RF Test Report

Test Mode :	Mode 7~12	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11n (BW 20MHz) 26dB Bandwidth (MHz)				
		SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
52	5260	33.221	32.980	25.637	25.398	N/A
60	5300	26.304	34.461	26.035	26.158	N/A
64	5320	26.578	26.683	25.803	26.128	N/A
100	5500	24.839	24.634	24.720	25.041	N/A
116	5580	37.526	37.038	26.564	28.410	N/A
140	5700	24.845	24.590	23.713	24.643	N/A

26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain A



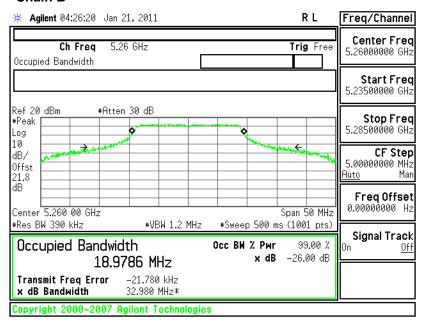
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 176 of 812
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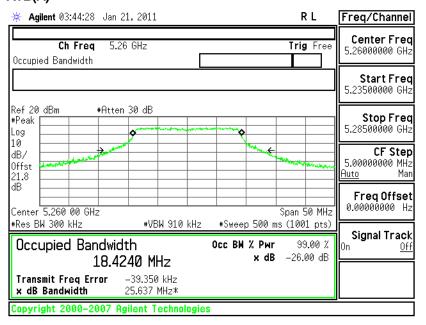


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain A+B(A)

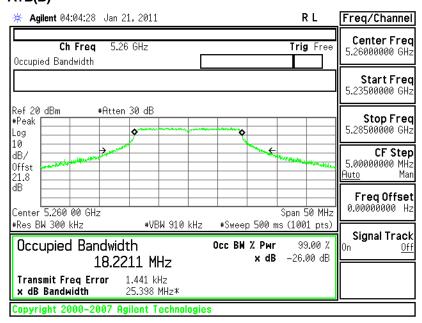


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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 177 of 812
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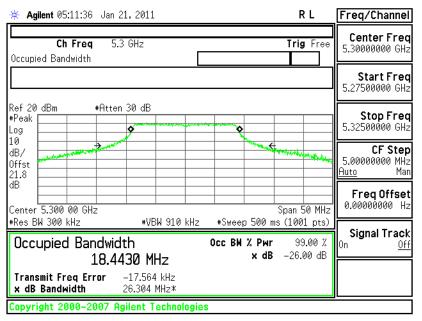


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain A



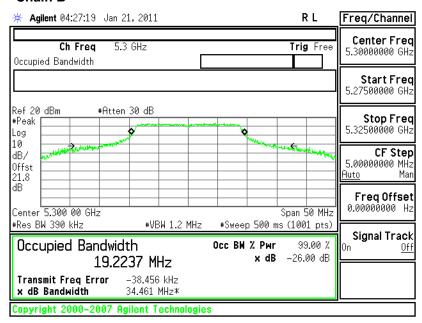
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 178 of 812
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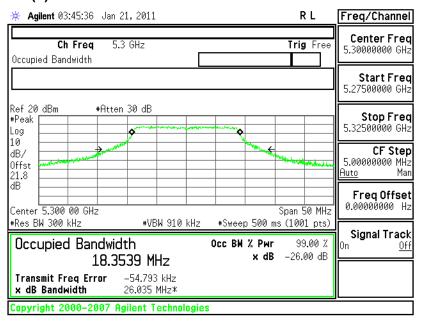


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain A+B(A)



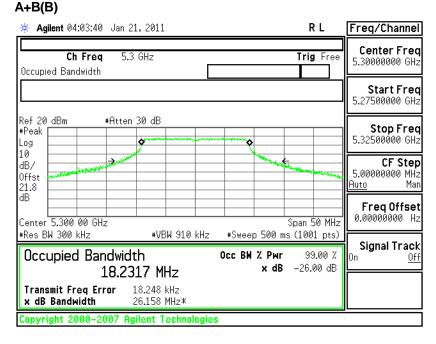
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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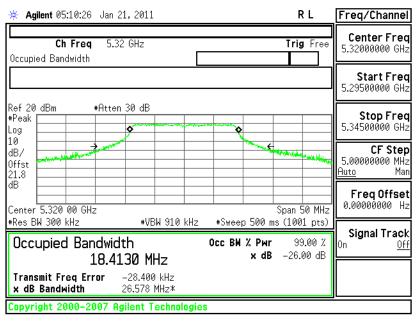


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain A



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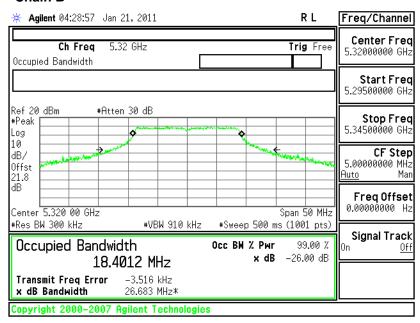
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 180 of 812 Report Issued Date : May 17, 2012

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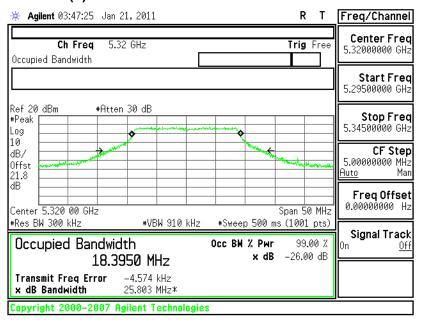


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(A)

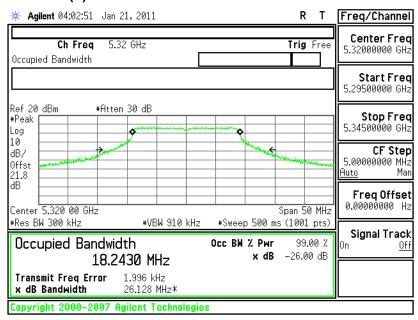


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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 181 of 812
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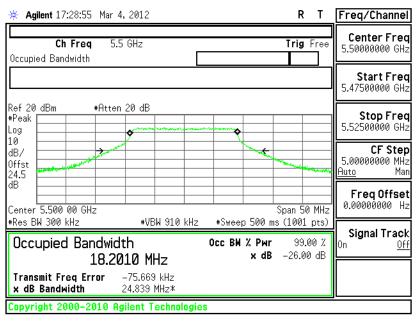


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain A



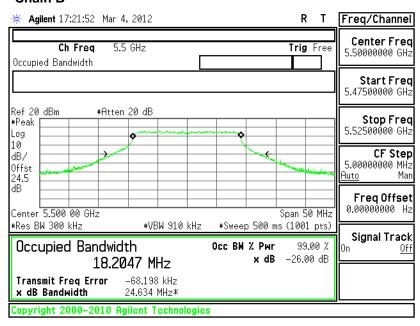
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 182 of 812
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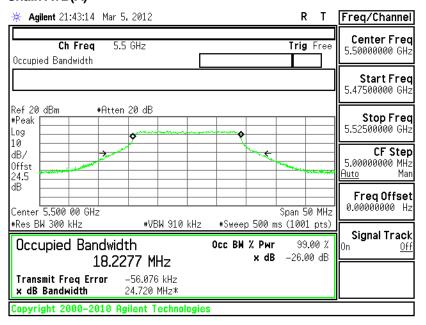


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 - Chain A+B(A)

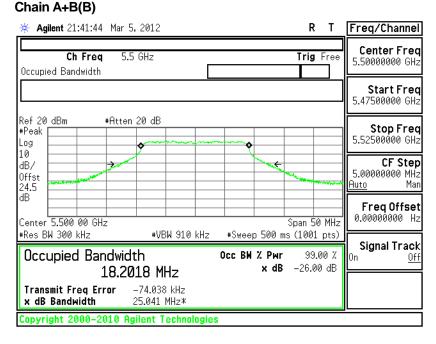


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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 183 of 812
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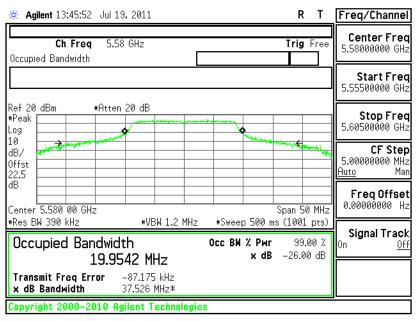


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 -



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain A



SPORTON INTERNATIONAL INC.

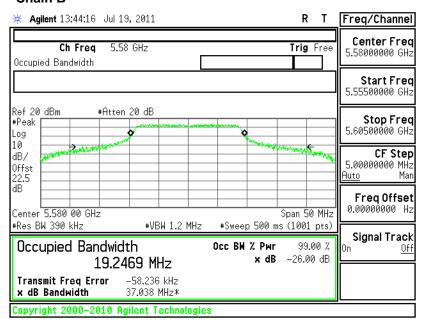
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 184 of 812 Report Issued Date : May 17, 2012

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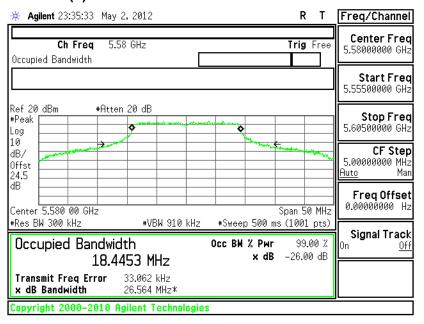


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 - Chain A+B(A)

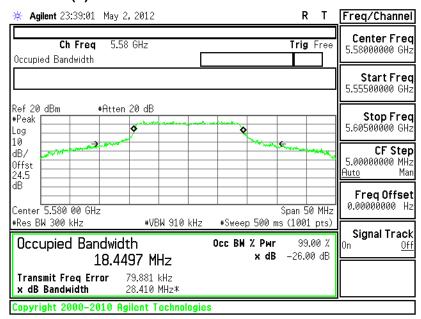


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 185 of 812
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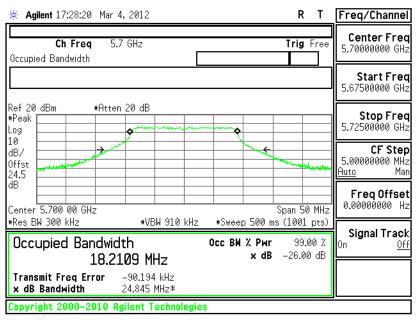
26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 -





26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain A



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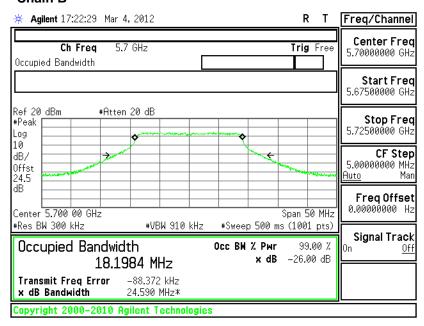
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 186 of 812 Report Issued Date : May 17, 2012

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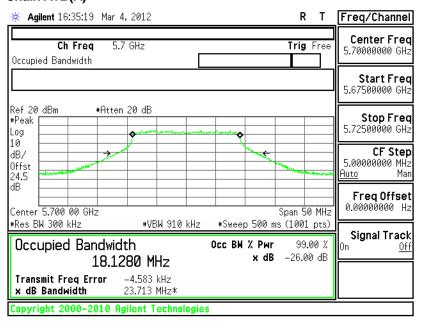


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(A)



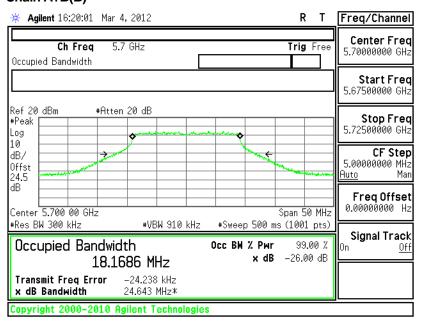
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 187 of 812
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26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(B)



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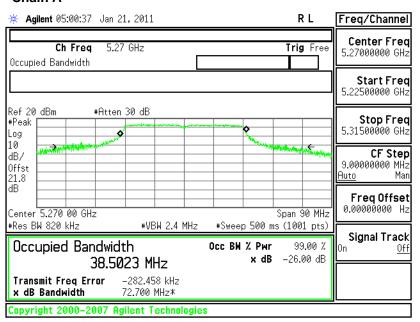
FCC RF Test Report

Test Mode :	Mode 13~17	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11n (BW 40MHz) 26dB Bandwidth (MHz)				Daga/Fail
		SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
54	5270	72.700	77.724	50.311	49.515	N/A
62	5310	52.738	50.816	55.560	51.445	N/A
102	5510	53.581	52.827	48.573	48.514	N/A
110	5550	89.809	69.794	65.575	61.769	N/A
134	5670	50.255	50.438	48.868	48.143	N/A

26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain A



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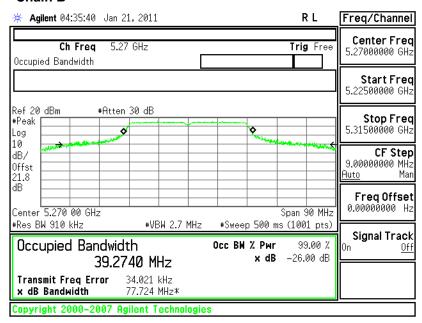
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 189 of 812
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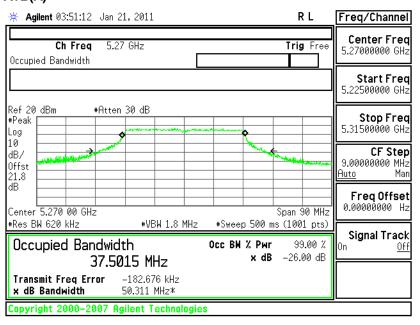


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(A)



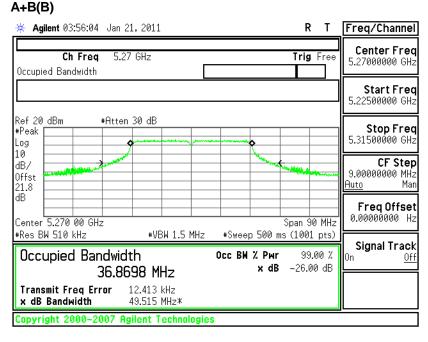
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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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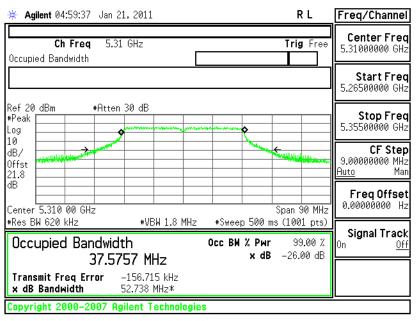


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain A



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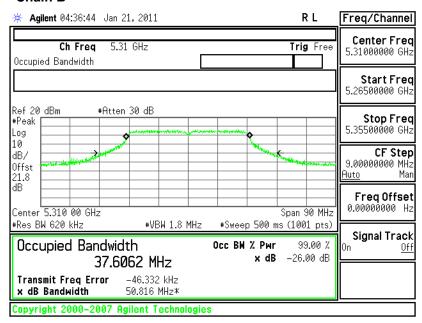
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 191 of 812 Report Issued Date : May 17, 2012

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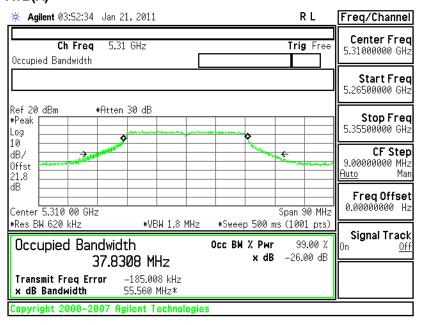


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(A)

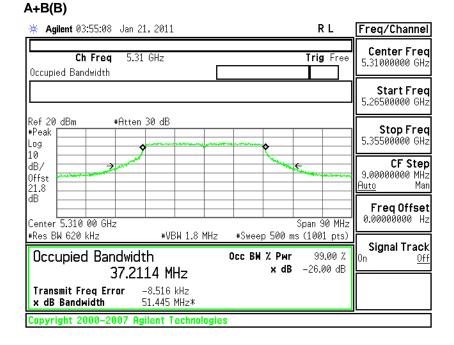


SPORTON INTERNATIONAL INC.

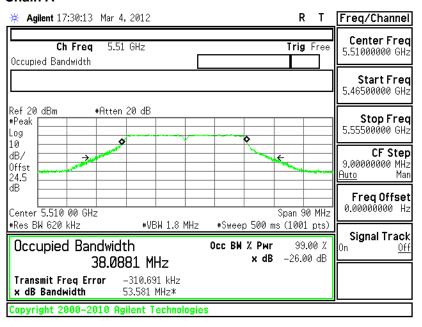
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 192 of 812
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A



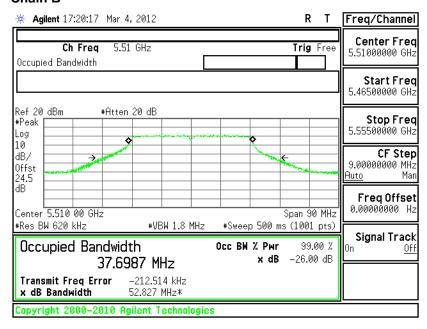
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 193 of 812 Report Issued Date : May 17, 2012

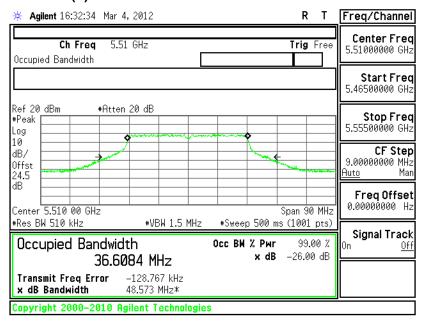
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A+B(A)



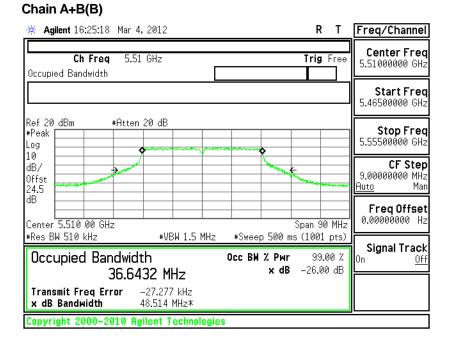
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 194 of 812
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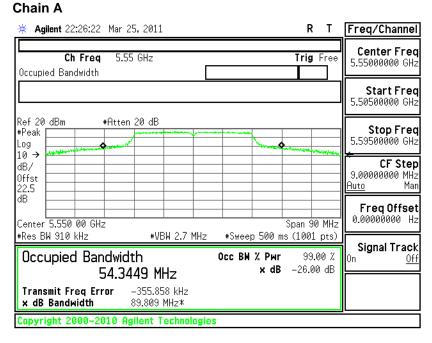
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -



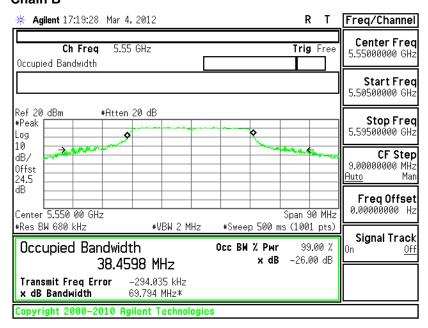
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 195 of 812
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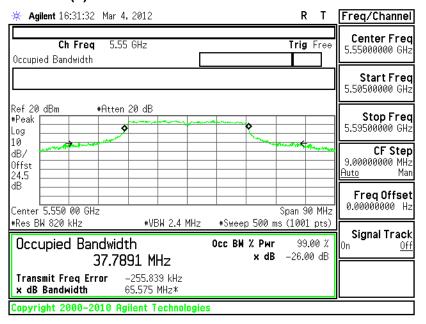
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -Chain A+B(A)



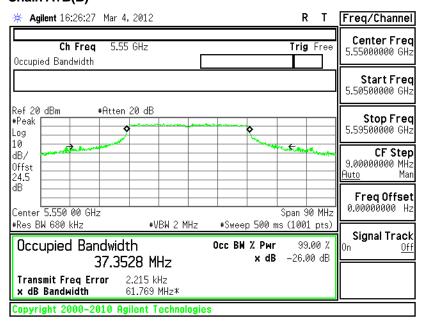
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

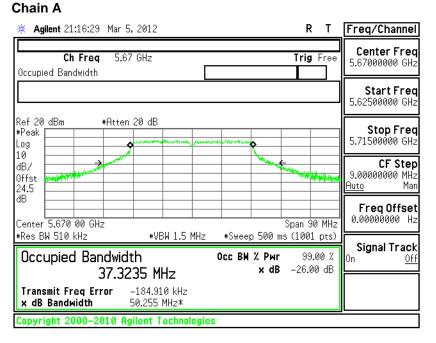
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 -

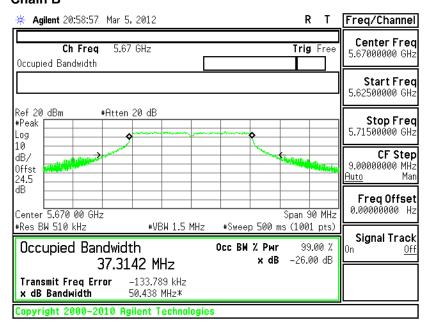


SPORTON INTERNATIONAL INC.

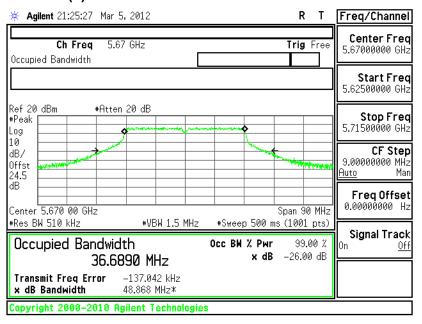
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 197 of 812
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(A)



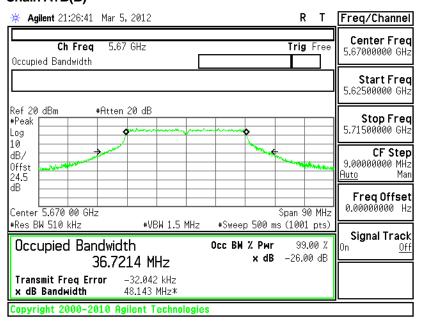
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 198 of 812 Report Issued Date : May 17, 2012

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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(B)



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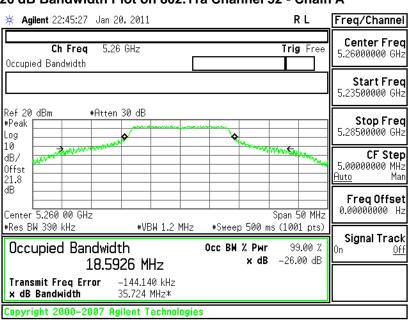
Report No.: FR092308-08

<Antenna 3 for 3.3V>

Test Mode :	Mode 1~6	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11a 26dB Bandwidth (MHz)				
		SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B (A)	Chain A+B (B)	
52	5260	35.724	38.259	26.171	24.659	N/A
60	5300	33.013	34.877	25.217	24.279	N/A
64	5320	25.211	28.867	25.874	24.454	N/A
100	5500	24.361	23.433	24.397	23.677	N/A
116	5580	42.156	41.218	43.578	40.018	N/A
140	5700	23.407	23.775	24.346	23.039	N/A

26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A

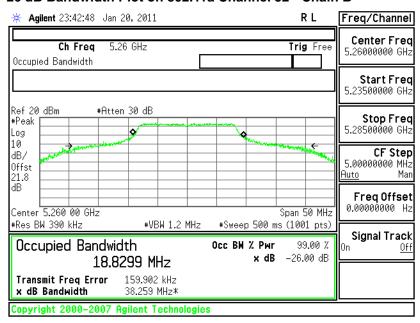


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 200 of 812
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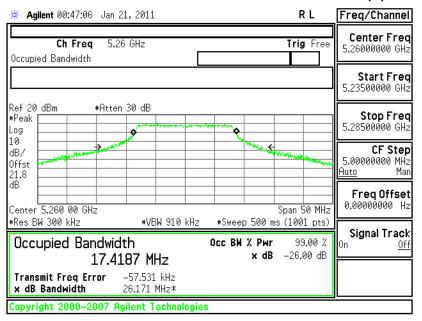
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26 dB Bandwidth Plot on 802.11a Channel 52 - Chain B



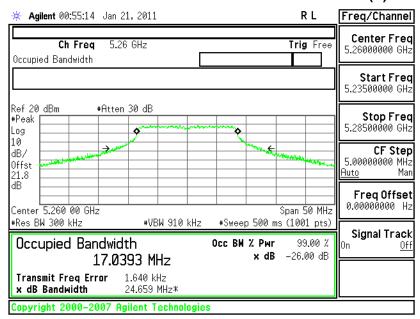
26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(A)



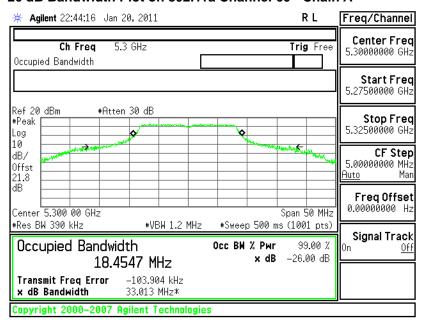
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 201 of 812
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Report Version : Rev. 05



26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A

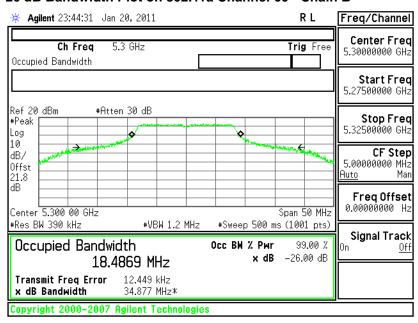


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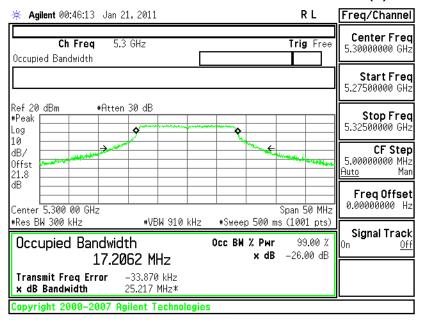
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 202 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 60 - Chain B



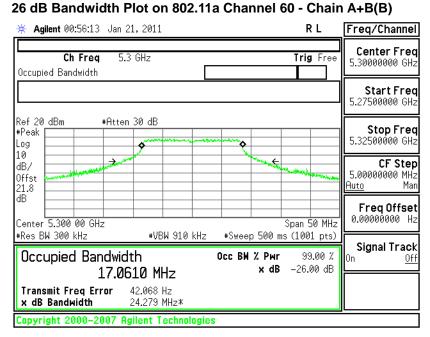
26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(A)



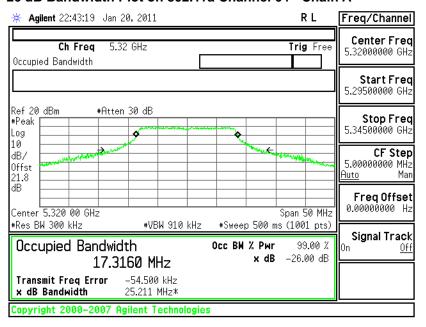
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Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A

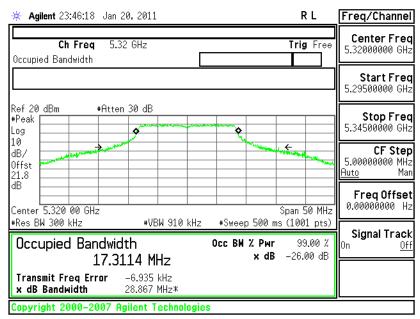


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 204 of 812
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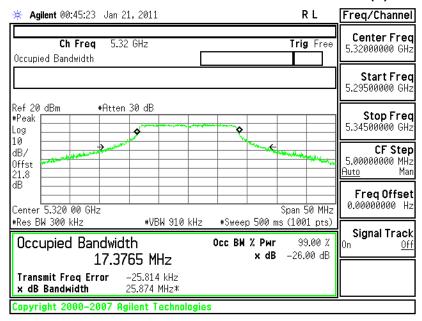
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(A)

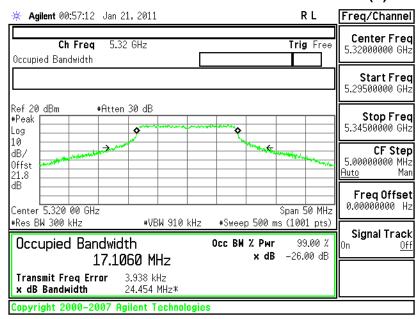


SPORTON INTERNATIONAL INC.

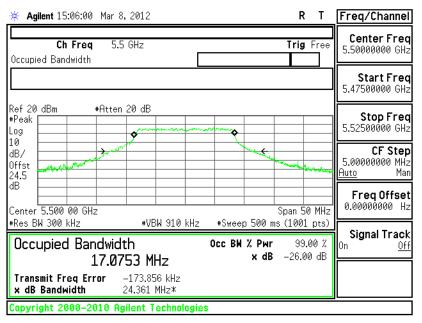
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 205 of 812
Report Issued Date : May 17, 2012



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A

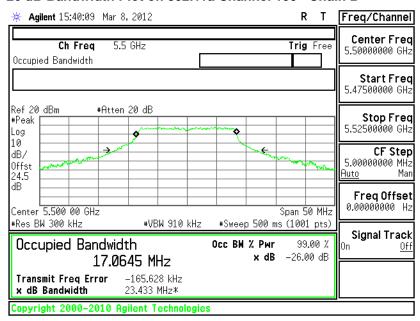


SPORTON INTERNATIONAL INC.

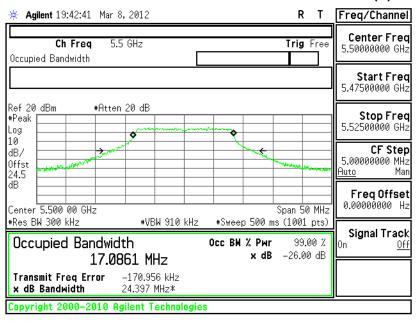
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 206 of 812
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26 dB Bandwidth Plot on 802.11a Channel 100 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A+B(A)



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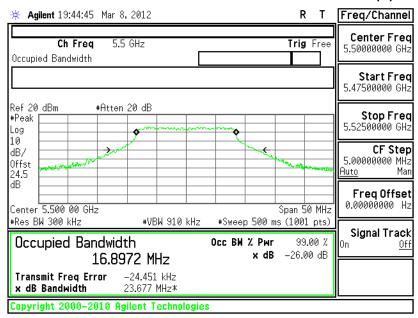
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 207 of 812
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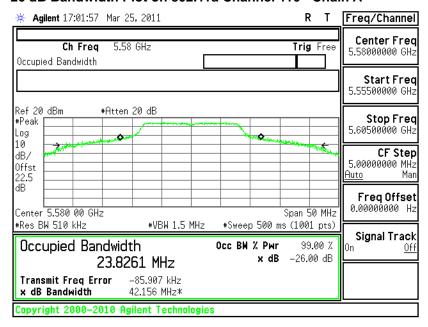
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26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A

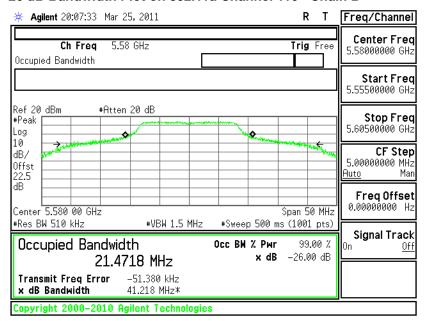


SPORTON INTERNATIONAL INC.

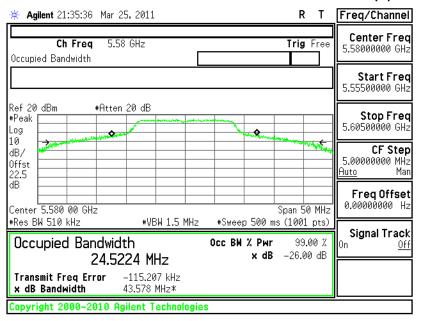
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 208 of 812
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26 dB Bandwidth Plot on 802.11a Channel 116 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(A)



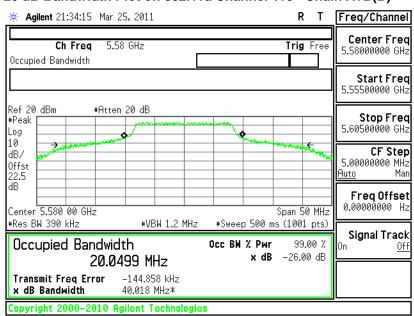
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

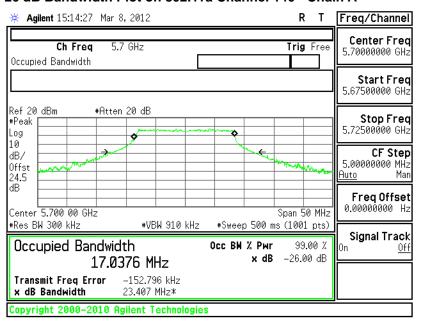
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26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A



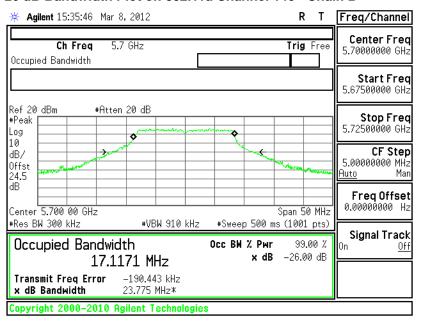
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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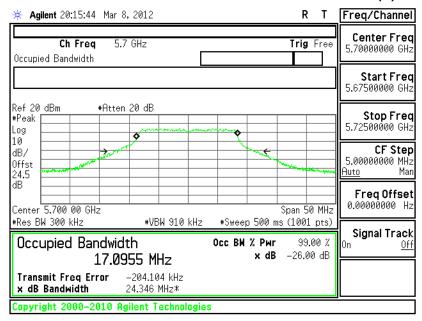
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(A)



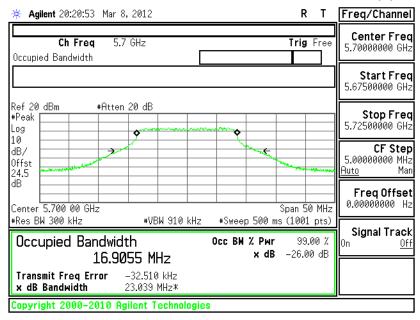
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(B)



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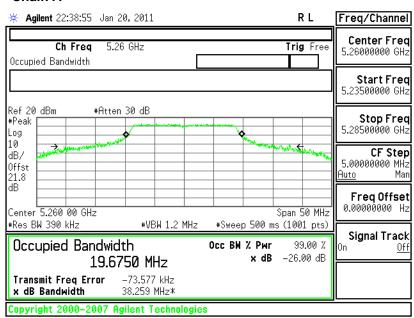
FCC RF Test Report

Test Mode :	Mode 7~12	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

I (.nannai i	Frequency	802.11n (BW 20MHz) 26dB Bandwidth (MHz)				5 (5 !)
	(MHz)	SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
52	5260	38.259	36.676	25.949	26.150	N/A
60	5300	36.102	35.539	25.698	25.845	N/A
64	5320	28.865	26.024	25.613	26.297	N/A
100	5500	24.988	24.909	23.735	24.438	N/A
116	5580	45.366	42.814	44.731	43.256	N/A
140	5700	24.920	24.588	23.642	24.707	N/A

26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain A



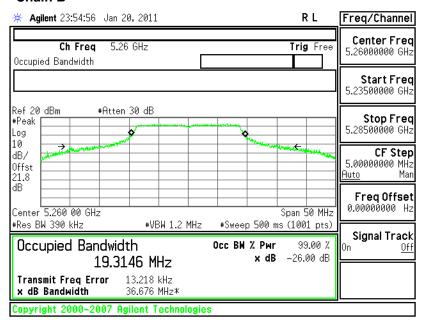
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 213 of 812
Report Issued Date : May 17, 2012
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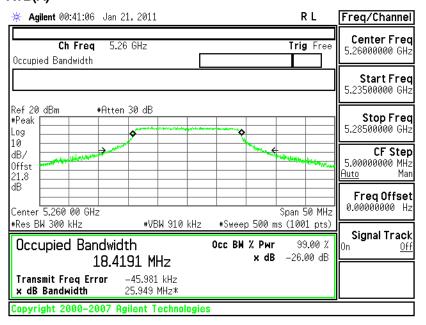


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain A+B(A)

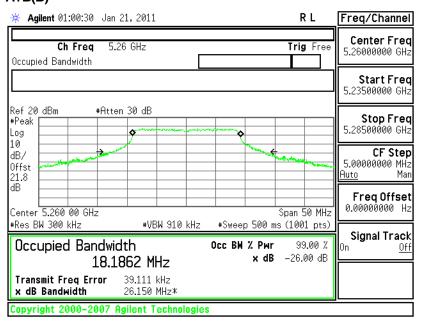


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 214 of 812 Report Issued Date : May 17, 2012

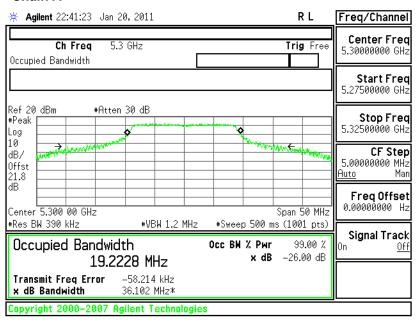


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain A



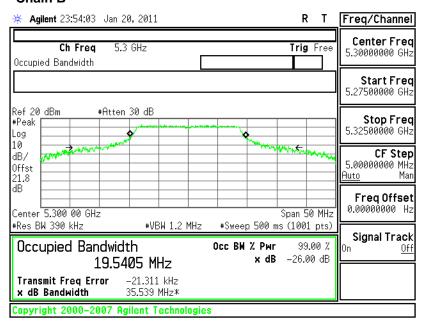
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 215 of 812
Report Issued Date : May 17, 2012
Report Version : Rev. 05

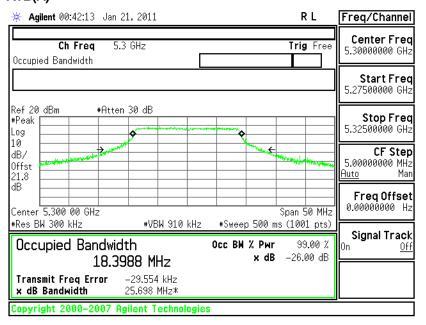


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain A+B(A)



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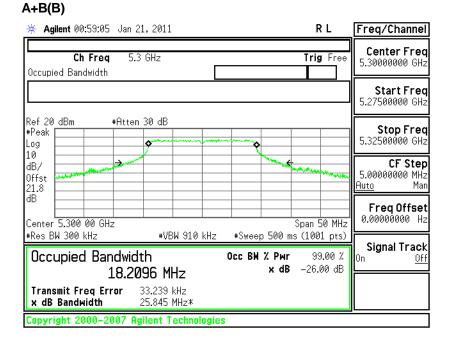
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 216 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08



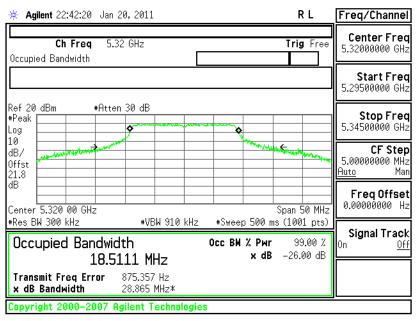
26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain

Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain A



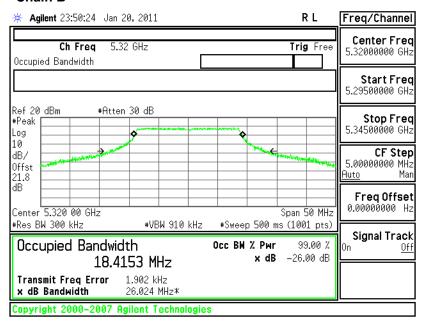
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 217 of 812
Report Issued Date : May 17, 2012

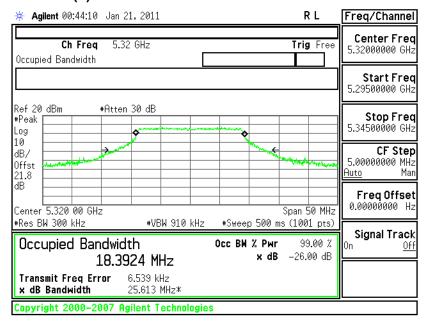


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(A)

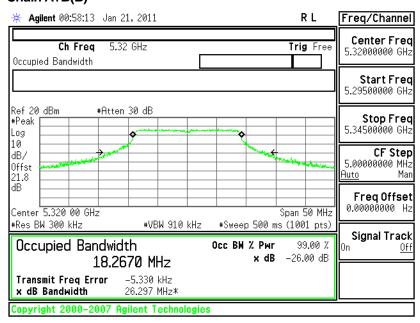


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 218 of 812
Report Issued Date : May 17, 2012
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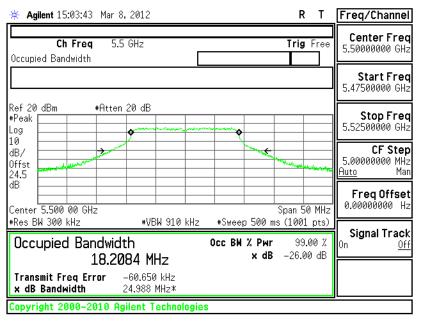


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain A



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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

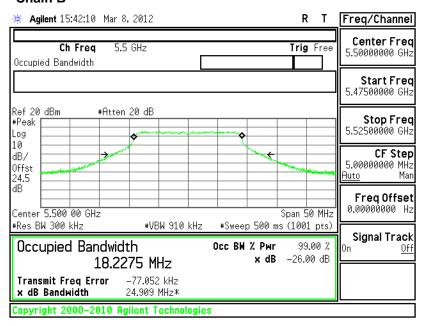
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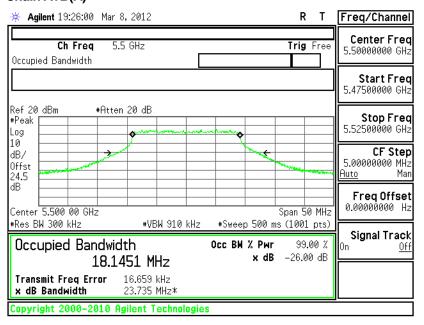


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 - Chain A+B(A)



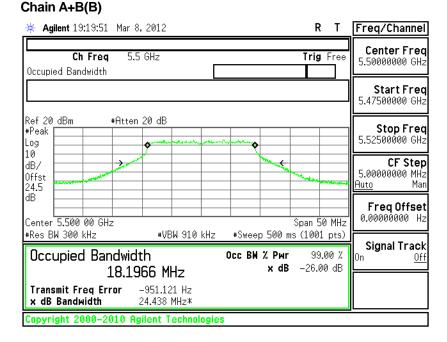
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 220 of 812 Report Issued Date : May 17, 2012

Report No.: FR092308-08

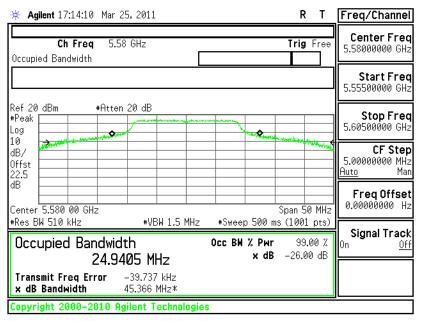


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 -



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain A



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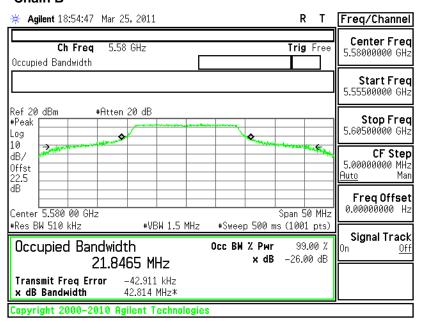
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 221 of 812 Report Issued Date : May 17, 2012

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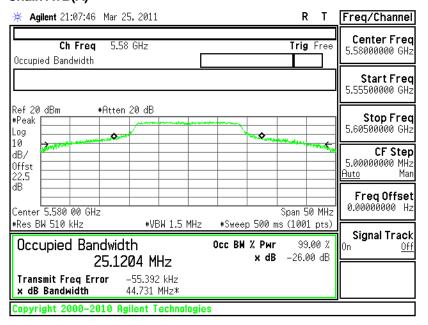


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 -Chain A+B(A)



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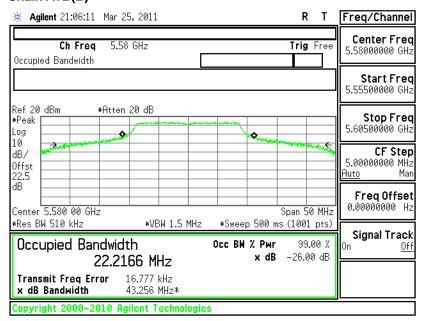
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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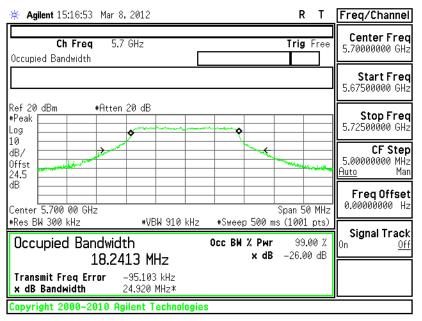




26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 -

26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain A



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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

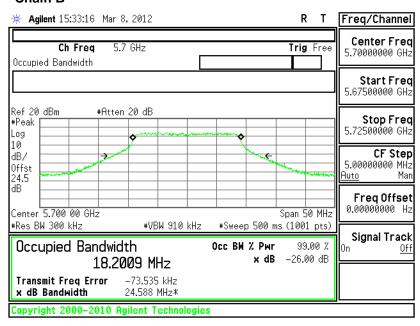
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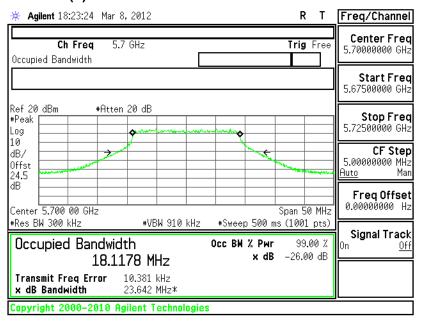


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 -Chain A+B(A)



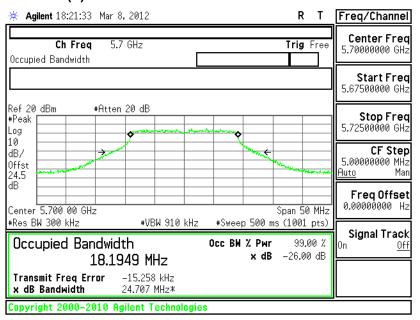
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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(B)



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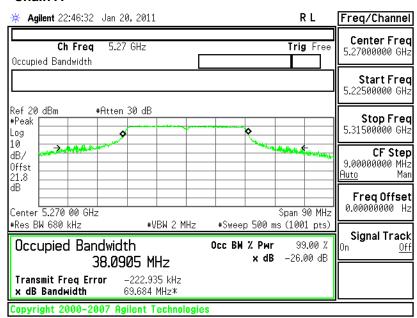
FCC RF Test Report

Test Mode :	Mode 13~17	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

Channel Frequenc (MHz)	Frequency (MHz)		Pass/Fail			
		SISO		MIMO (2Tx)		1 a33/1 all
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
54	5270	69.684	76.850	50.702	50.615	N/A
62	5310	51.558	51.590	52.577	48.210	N/A
102	5510	53.570	53.112	53.153	48.287	N/A
110	5550	87.072	72.688	78.098	74.718	N/A
134	5670	65.073	66.709	64.538	48.939	N/A

26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain A



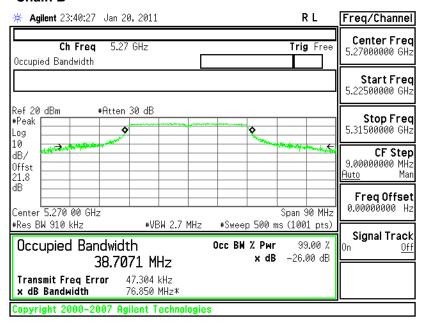
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 226 of 812
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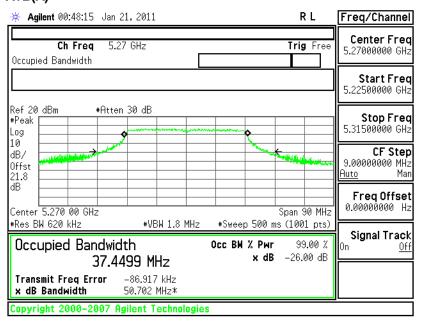


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(A)

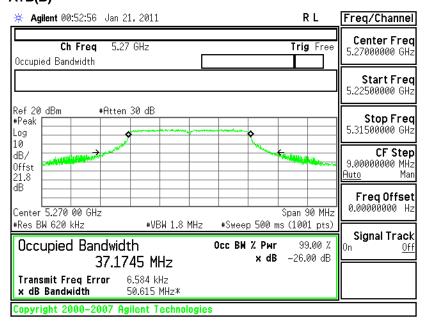


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 227 of 812
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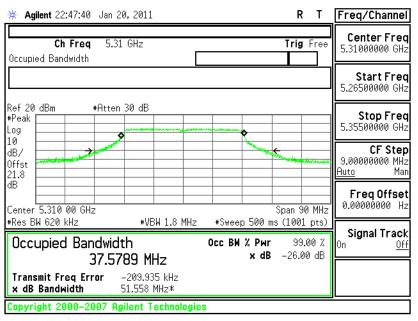


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain A



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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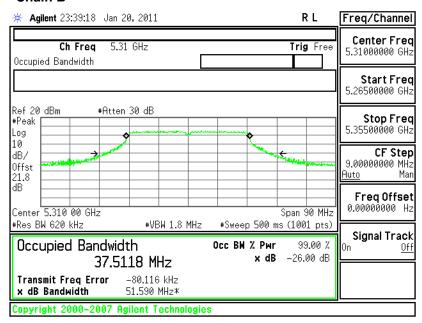
Report No.: FR092308-08

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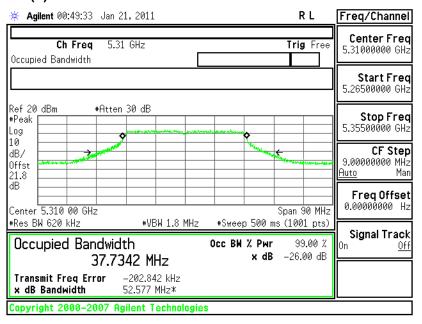


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(A)

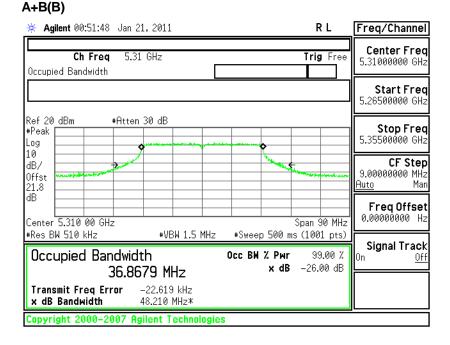


SPORTON INTERNATIONAL INC.

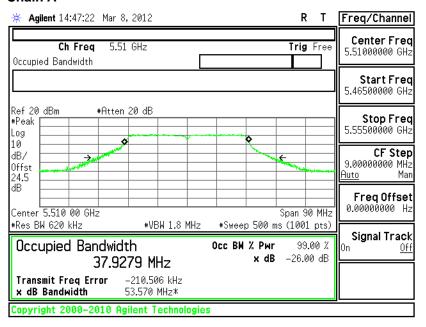
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 229 of 812
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A



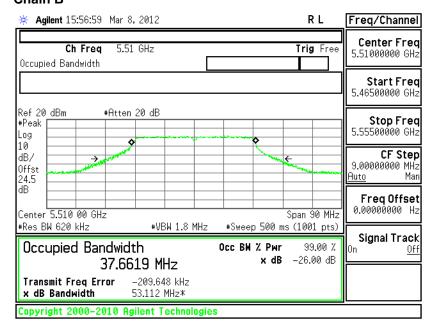
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 230 of 812
Report Issued Date : May 17, 2012

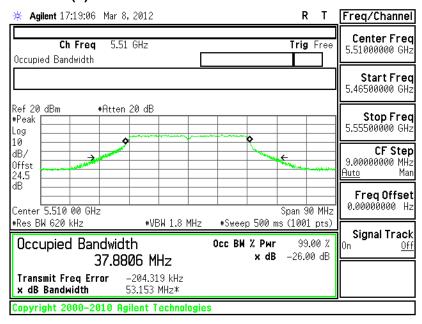
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -Chain A+B(A)



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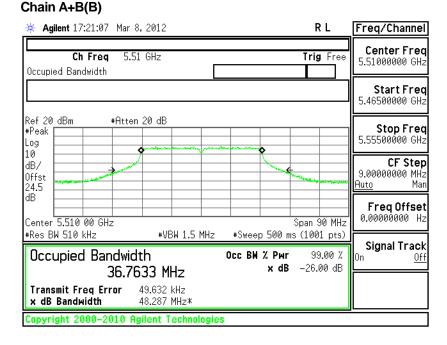
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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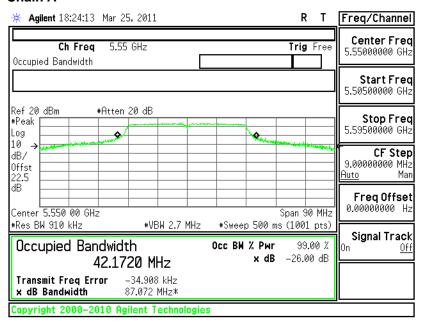
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -Chain A



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

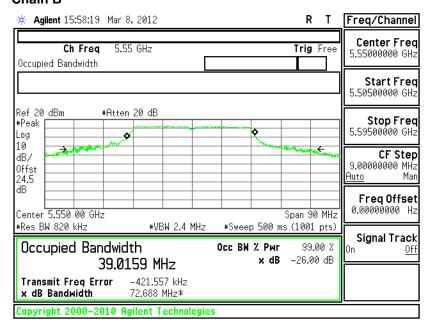
Page Number : 232 of 812 Report Issued Date: May 17, 2012

Report No.: FR092308-08

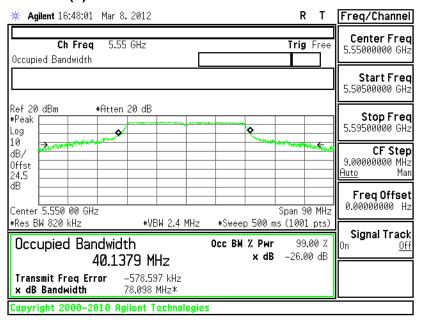
: Rev. 05 Report Version



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A+B(A)

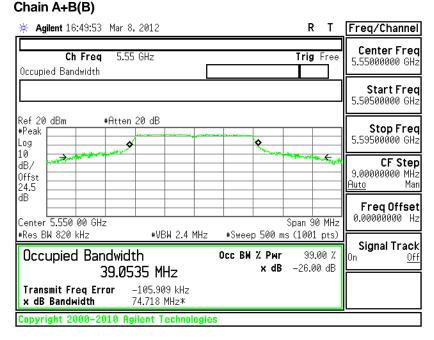


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 233 of 812 Report Issued Date : May 17, 2012

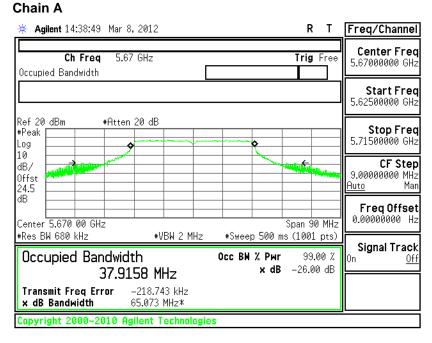
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 -

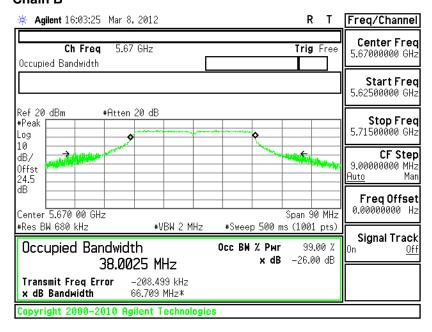


SPORTON INTERNATIONAL INC.

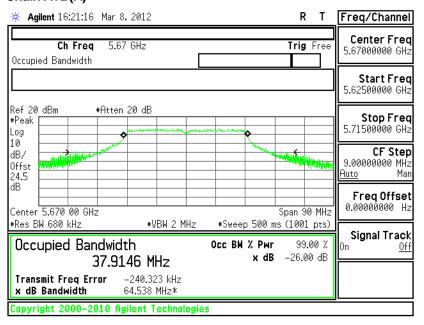
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 234 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(A)



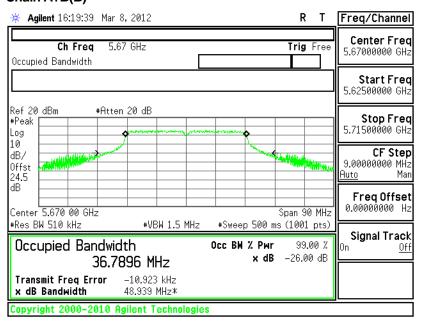
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 235 of 812 Report Issued Date : May 17, 2012

Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(B)



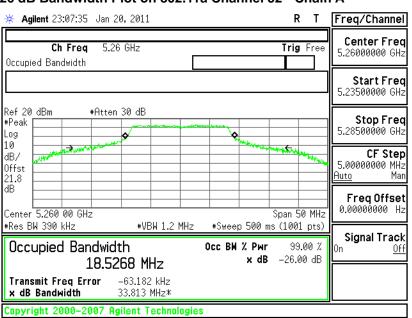
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 236 of 812
Report Issued Date : May 17, 2012
Report Version : Rev. 05

<Antenna 4 for 3.3V>

Test Mode :	Mode 1~6	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

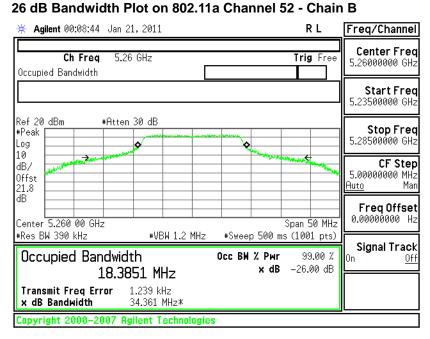
	Frequency (MHz)	802.11a 26dB Bandwidth (MHz)				
Channel		SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B (A)	Chain A+B (B)	
52	5260	33.813	34.361	34.950	33.256	N/A
60	5300	30.236	32.579	35.111	33.339	N/A
64	5320	26.254	24.731	26.227	24.220	N/A
100	5500	24.558	23.333	24.773	23.649	N/A
116	5580	39.035	37.081	30.676	27.577	N/A
140	5700	24.373	24.194	24.177	23.686	N/A

26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A

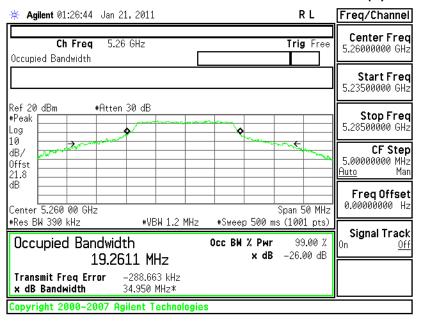


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 237 of 812
Report Issued Date : May 17, 2012
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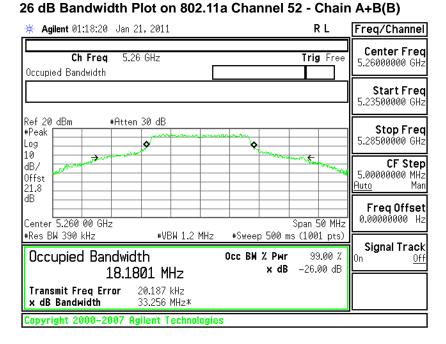
26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(A)



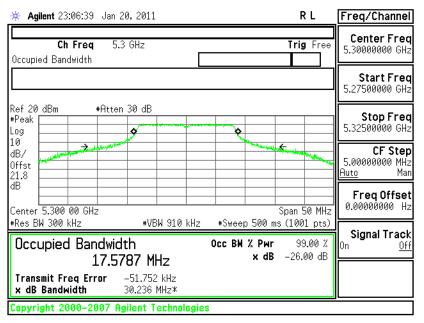
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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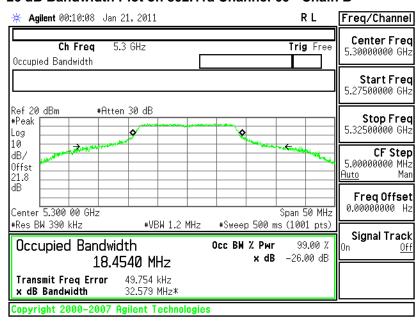
26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A



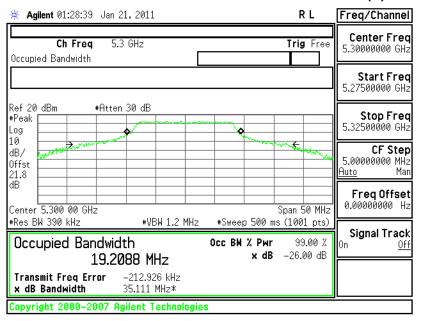
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 239 of 812
Report Issued Date : May 17, 2012
Report Version : Rev. 05



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain B

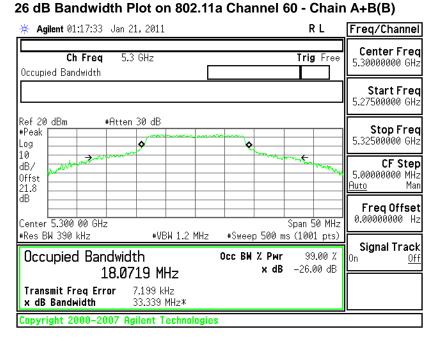


26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(A)

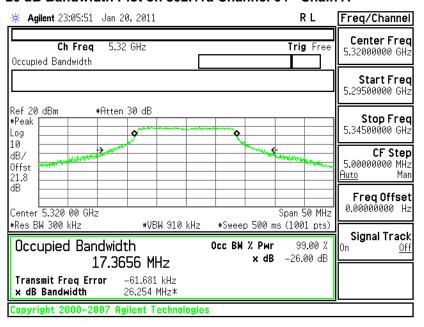


TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 240 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A



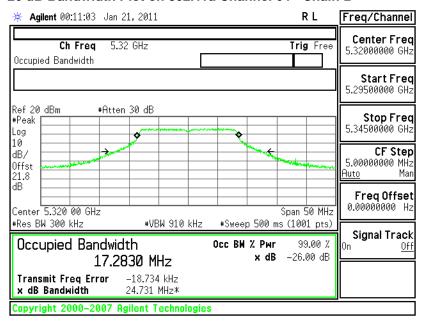
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 241 of 812
Report Issued Date : May 17, 2012

Report No.: FR092308-08

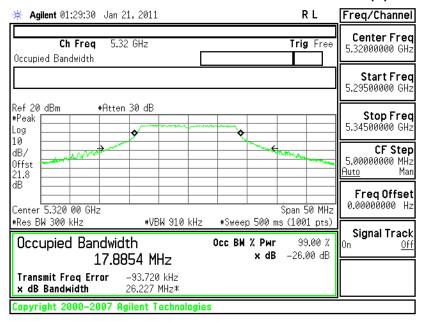


est Report No. : FR092308-08

26 dB Bandwidth Plot on 802.11a Channel 64 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(A)

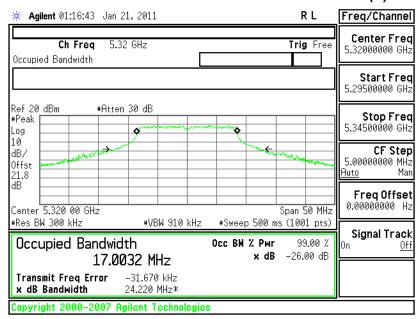


SPORTON INTERNATIONAL INC.

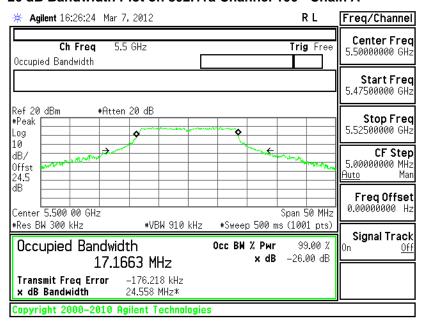
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 242 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A

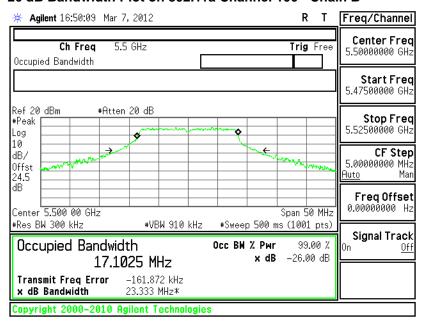


SPORTON INTERNATIONAL INC.

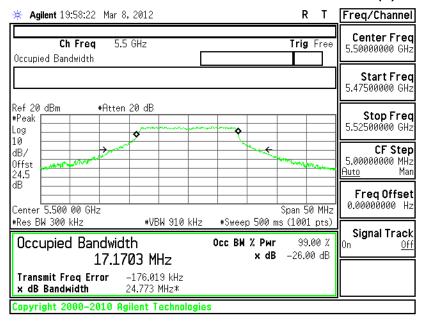
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 243 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 100 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A+B(A)

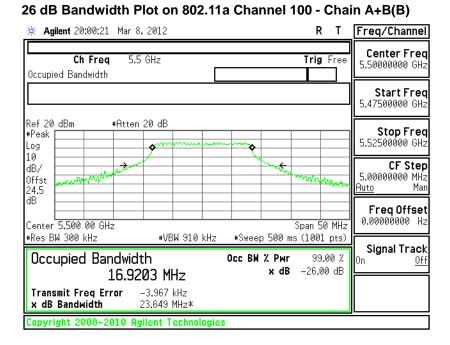


SPORTON INTERNATIONAL INC.

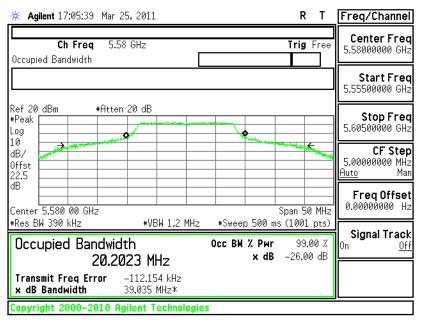
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 244 of 812 Report Issued Date : May 17, 2012

Report No.: FR092308-08





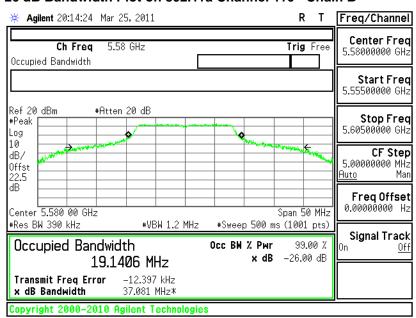
26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A



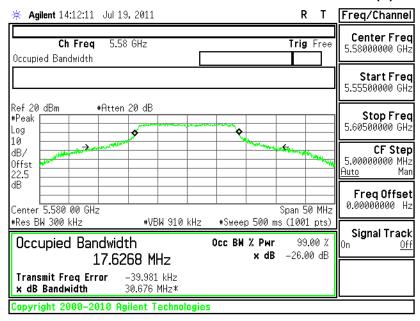
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 245 of 812
Report Issued Date : May 17, 2012



26 dB Bandwidth Plot on 802.11a Channel 116 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(A)

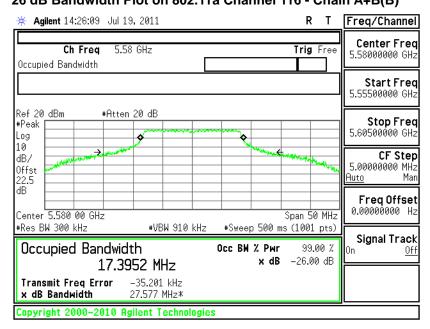


SPORTON INTERNATIONAL INC.

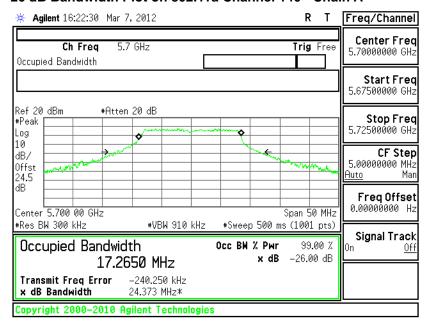
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 246 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 116 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A



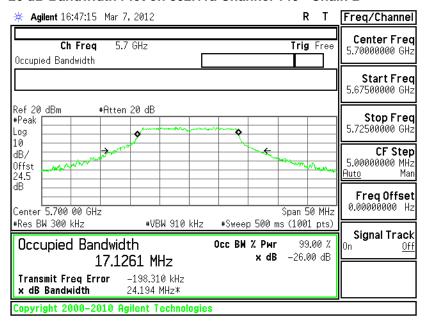
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 247 of 812
Report Issued Date : May 17, 2012

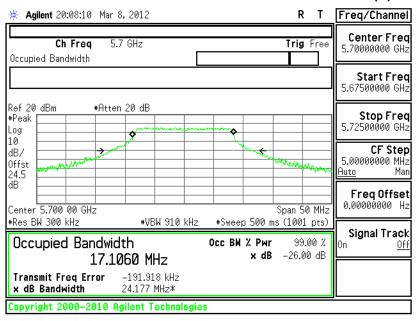
Report No.: FR092308-08



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(A)

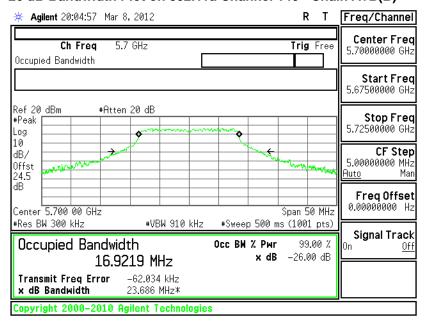


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 248 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11a Channel 140 - Chain A+B(B)



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 249 of 812
Report Issued Date : May 17, 2012
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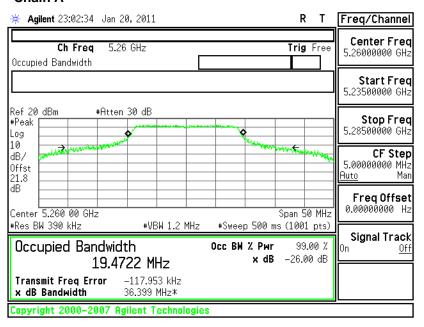
FCC RF Test Report

Test Mode :	Mode 7~12	Temperature :	23~25 ℃
Test Engineer :	t Engineer : Hank Yu Re		50~53%

Ch ann al	Frequency	802.11n (BW 20MHz) 26dB Bandwidth (MHz)				D /E-'!
Channel	(MHz)	SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
52	5260	36.399	35.162	41.642	38.556	N/A
60	5300	32.735	30.871	38.774	38.297	N/A
64	5320	25.323	25.594	26.111	25.280	N/A
100	5500	25.582	25.602	23.474	24.032	N/A
116	5580	44.773	39.926	31.828	29.752	N/A
140	5700	25.136	25.192	23.196	24.386	N/A

26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain A



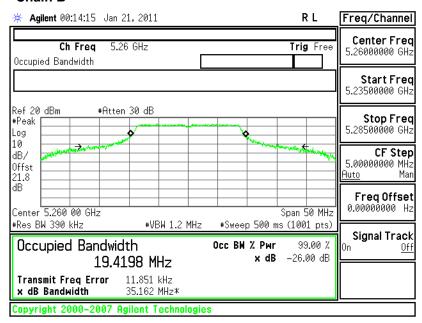
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 250 of 812
Report Issued Date : May 17, 2012
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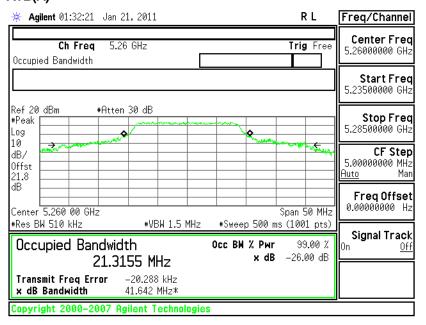


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain A+B(A)



SPORTON INTERNATIONAL INC.

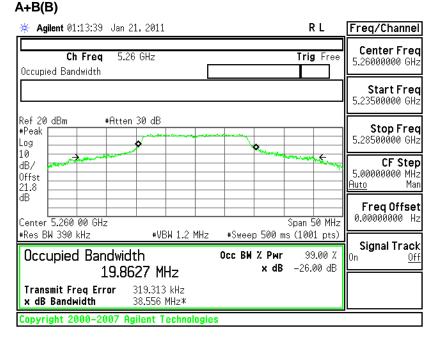
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

Page Number : 251 of 812 Report Issued Date: May 17, 2012

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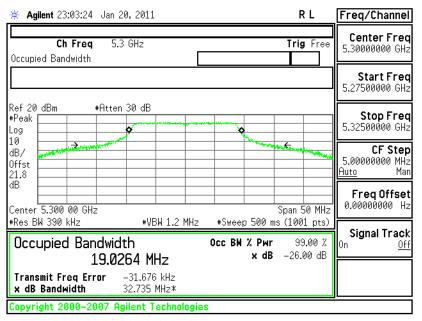


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 52 - Chain



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain A



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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 252 of 812 Report Issued Date : May 17, 2012

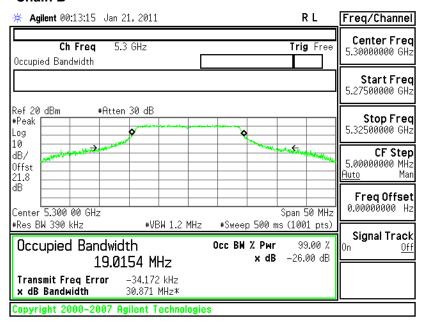
Report No.: FR092308-08

Report Version : Rev. 05

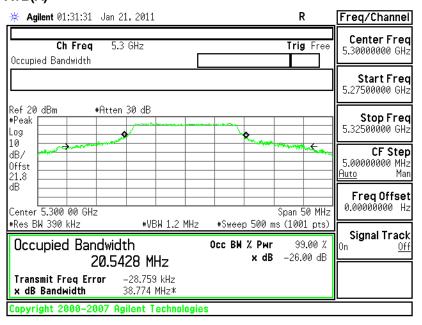


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain A+B(A)

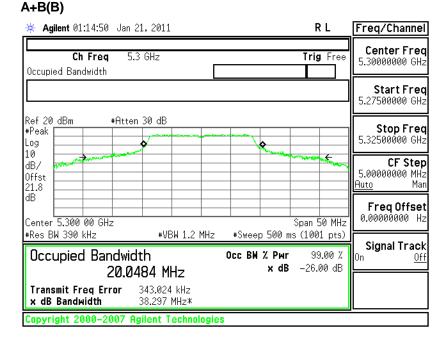


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 253 of 812
Report Issued Date : May 17, 2012
Report Version : Rev. 05

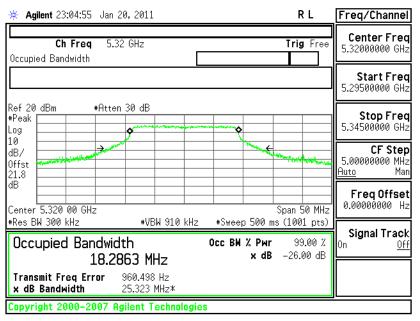


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 60 - Chain



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain A



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 254 of 812
Report Issued Date : May 17, 2012

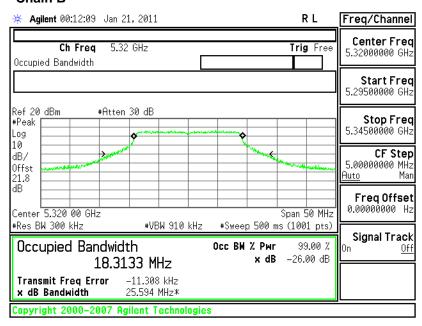
Report No.: FR092308-08

Report Version : Rev. 05

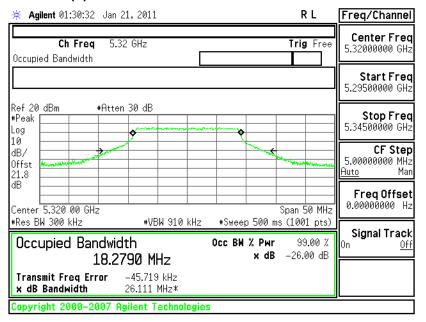


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(A)



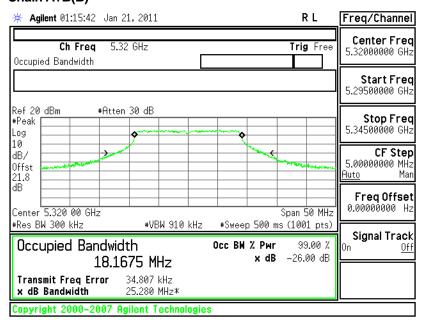
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

Page Number : 255 of 812 Report Issued Date: May 17, 2012 : Rev. 05 Report Version

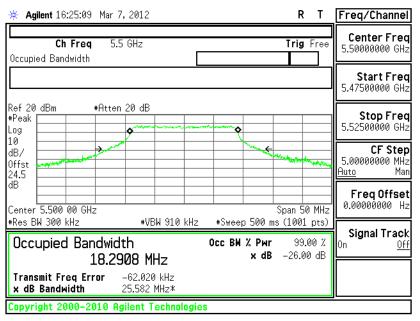


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 64 - of Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain A



SPORTON INTERNATIONAL INC.

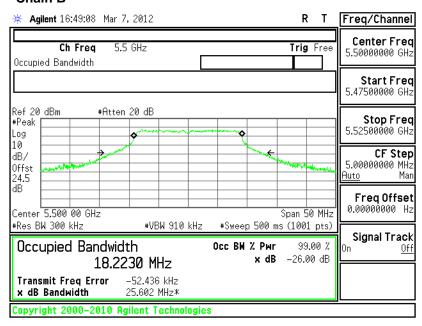
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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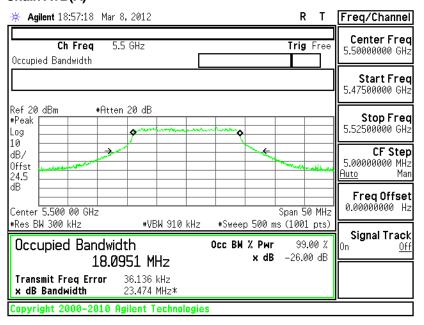


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 - Chain A+B(A)

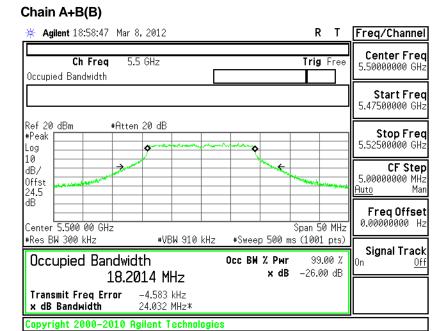


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 257 of 812
Report Issued Date : May 17, 2012
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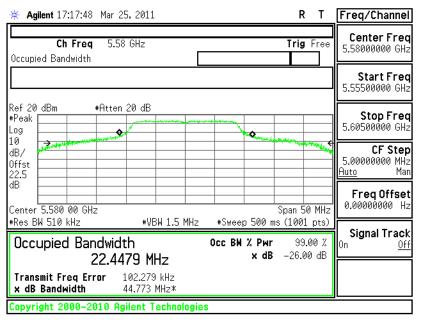


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 100 -



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain A



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6

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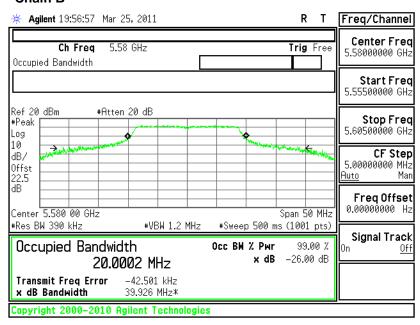
Report No.: FR092308-08

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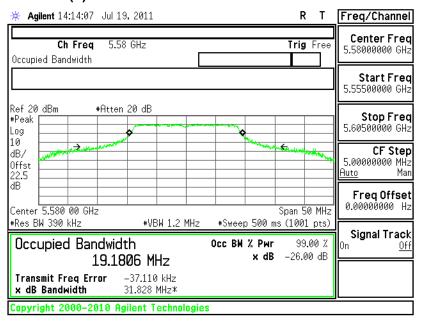


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 - Chain A+B(A)



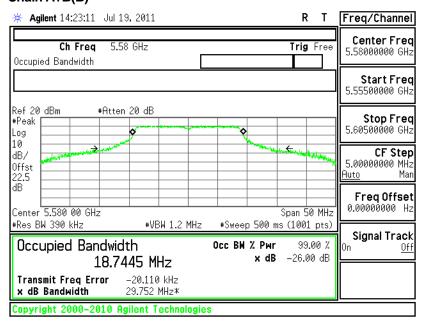
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 259 of 812 Report Issued Date : May 17, 2012

Report No.: FR092308-08

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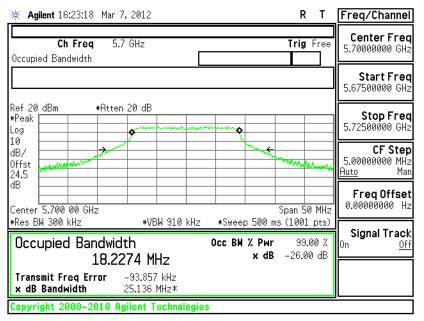


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 116 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain A



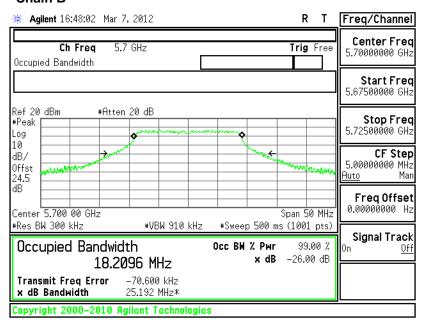
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 260 of 812
Report Issued Date : May 17, 2012
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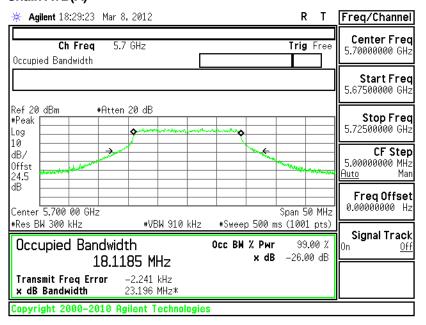


26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(A)

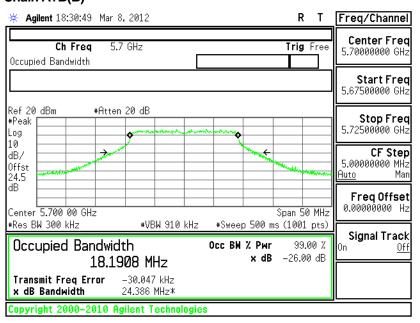


SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 261 of 812
Report Issued Date : May 17, 2012
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26 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 140 - Chain A+B(B)



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 262 of 812
Report Issued Date : May 17, 2012
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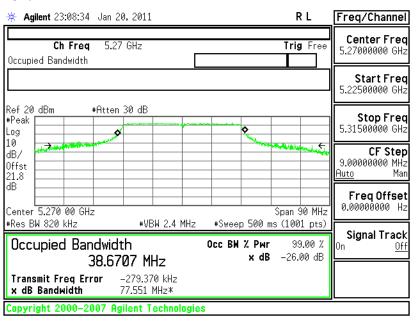
FCC RF Test Report

Test Mode :	Mode 13~17	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

	Frequency					
Channel	(MHz)	SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B(A)	Chain A+B(B)	
54	5270	77.551	73.233	81.595	78.181	N/A
62	5310	53.044	53.949	52.026	50.847	N/A
102	5510	51.823	50.974	51.930	48.358	N/A
110	5550	77.613	84.601	71.928	70.924	N/A
134	5670	69.431	69.156	64.819	67.511	N/A

26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain A



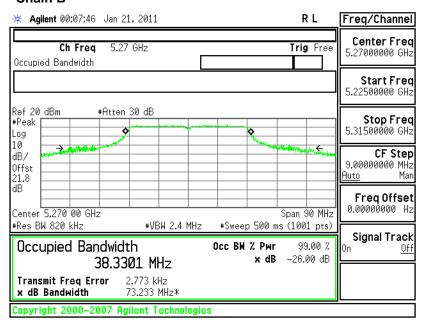
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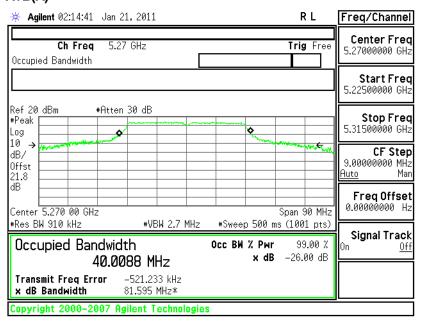


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain A+B(A)

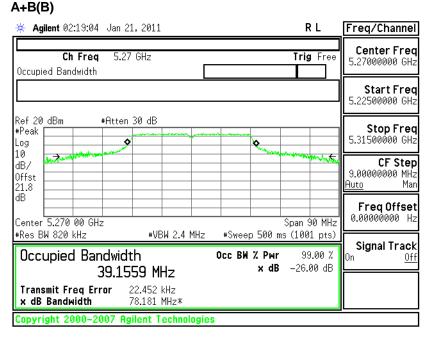


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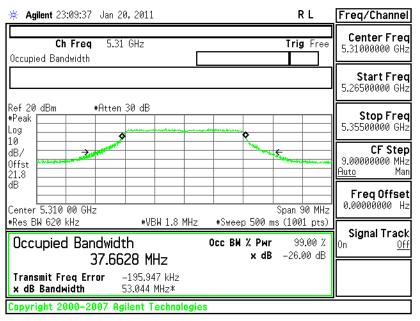


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 54 - Chain



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain A



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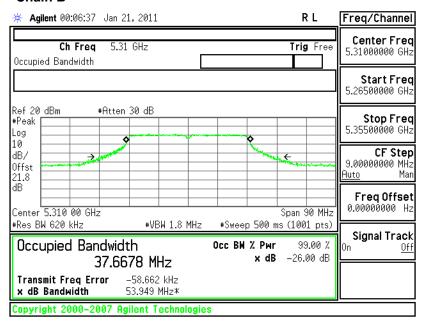
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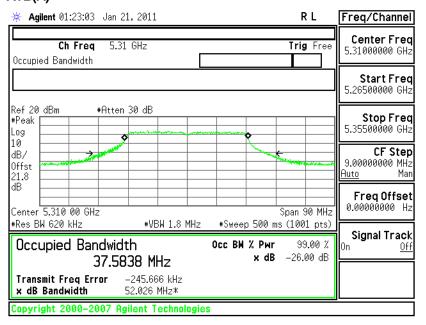


26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62

- Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(A)

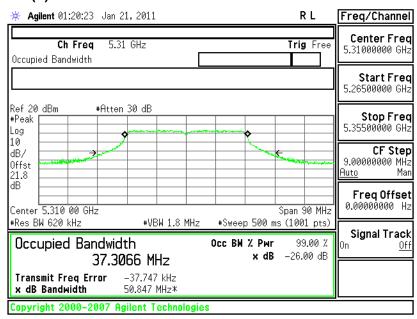


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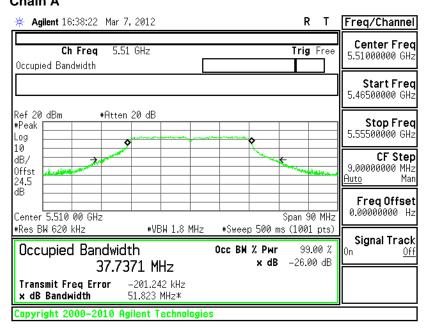
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 62 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -Chain A



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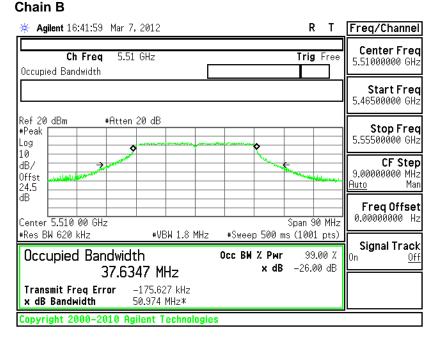
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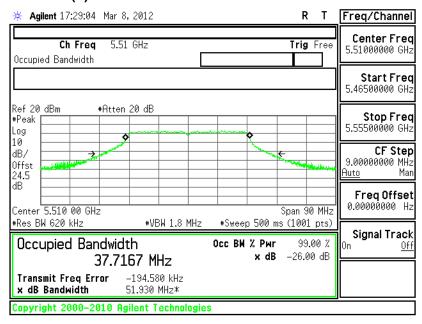
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 - Chain A+B(A)

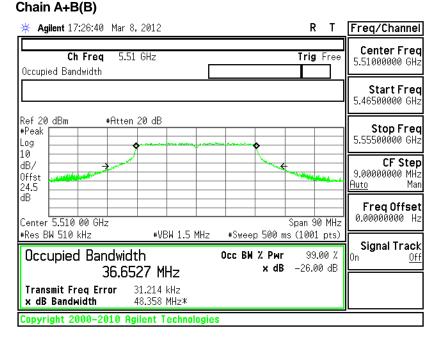


SPORTON INTERNATIONAL INC.

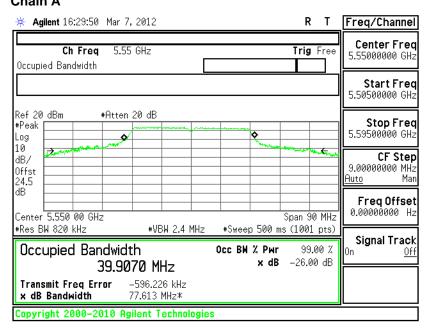
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 102 -



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A

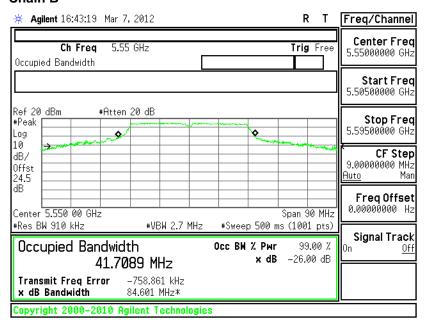


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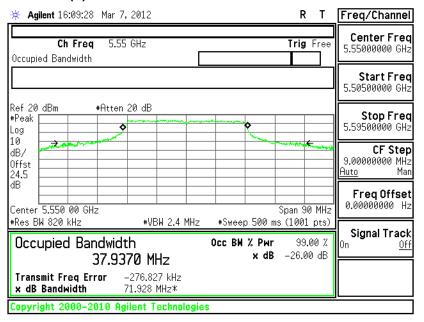
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A+B(A)



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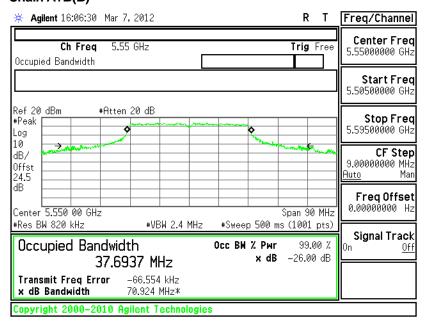
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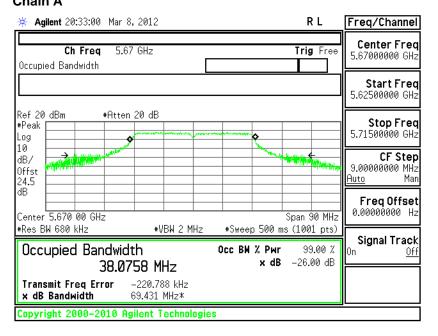
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 110 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A

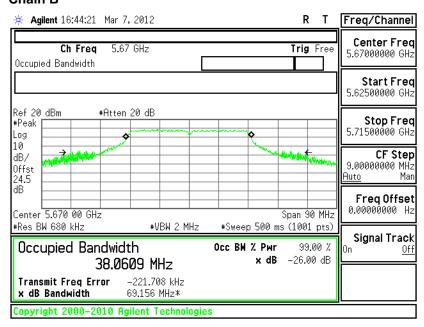


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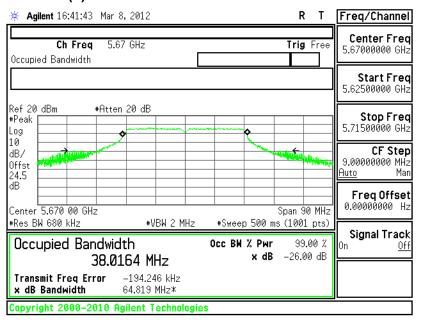
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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain B



26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(A)

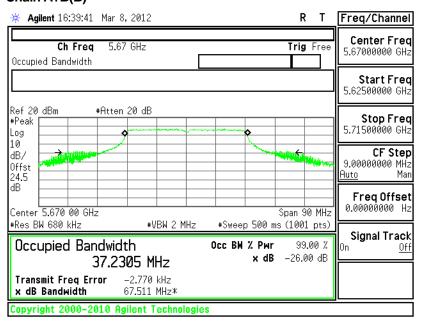


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26 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 134 - Chain A+B(B)



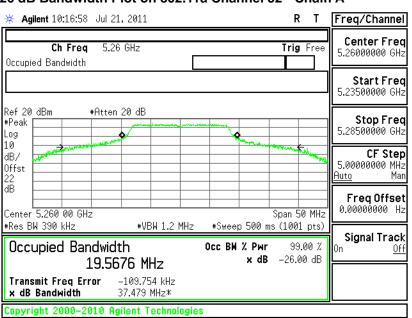
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<Antenna 5 for 4.5V>

Test Mode :	Mode 1~6	Temperature :	23~25 ℃
Test Engineer :	Hank Yu	Relative Humidity :	50~53%

	Frequency (MHz)	802.11a 26dB Bandwidth (MHz)				
Channel		SISO		MIMO (2Tx)		Pass/Fail
		Chain A	Chain B	Chain A+B (A)	Chain A+B (B)	
52	5260	37.479	33.666	27.260	25.089	N/A
60	5300	31.716	33.336	26.321	24.909	N/A
64	5320	26.040	24.721	26.573	25.061	N/A
100	5500	24.031	24.630	24.022	23.284	N/A
116	5580	36.263	31.915	27.570	24.369	N/A
140	5700	23.870	24.932	23.911	23.572	N/A

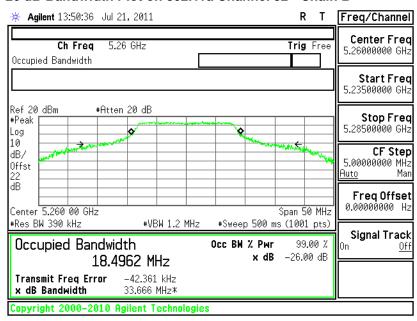
26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A



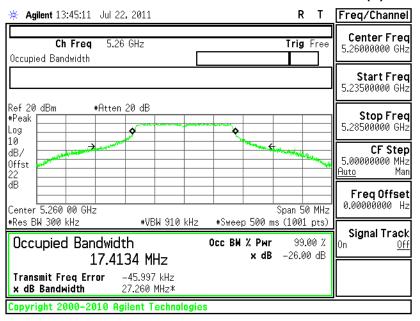
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: UZ7AP6 Page Number : 274 of 812
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26 dB Bandwidth Plot on 802.11a Channel 52 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(A)

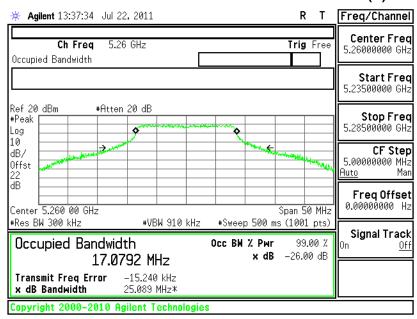


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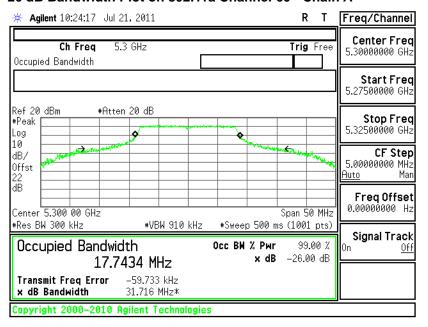
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26 dB Bandwidth Plot on 802.11a Channel 52 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A

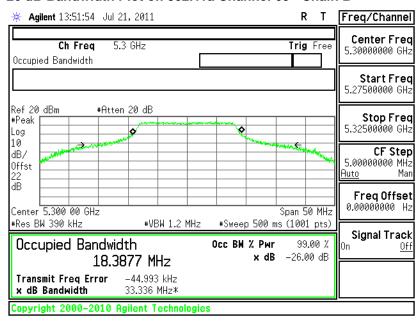


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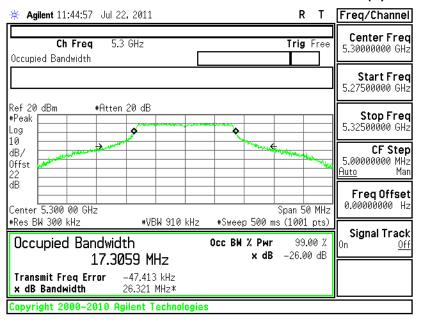
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26 dB Bandwidth Plot on 802.11a Channel 60 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(A)

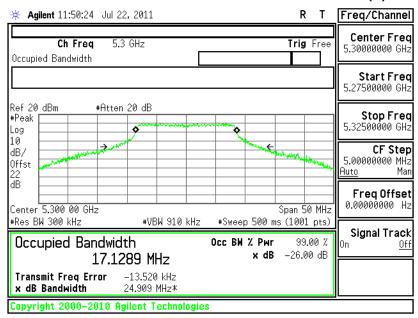


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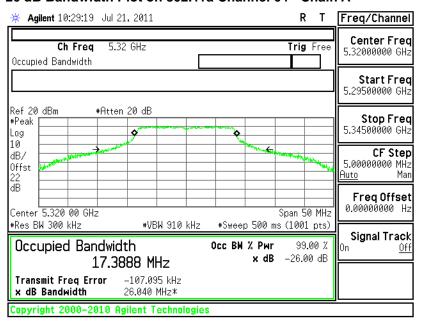
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26 dB Bandwidth Plot on 802.11a Channel 60 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A

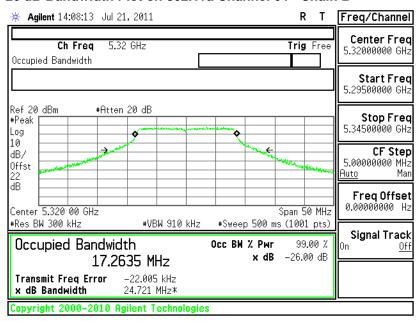


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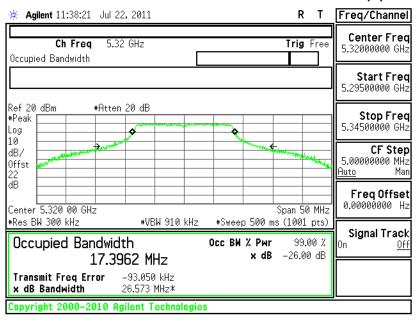
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain B



26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(A)

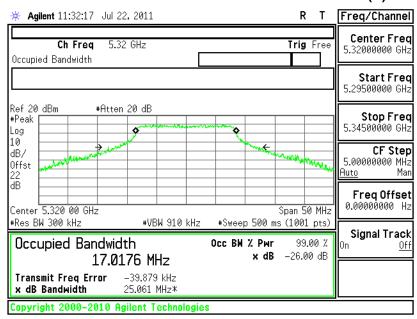


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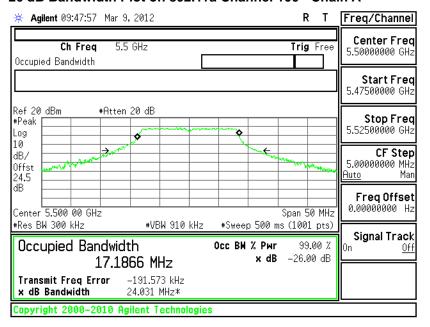
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26 dB Bandwidth Plot on 802.11a Channel 64 - Chain A+B(B)



26 dB Bandwidth Plot on 802.11a Channel 100 - Chain A



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