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Report No.: HKES150100009003
Page : 1 of 226

Appendix B

RF Conducted for HKES150100009003

Authorized Signature:



Jack Zhang
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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3 Test Data

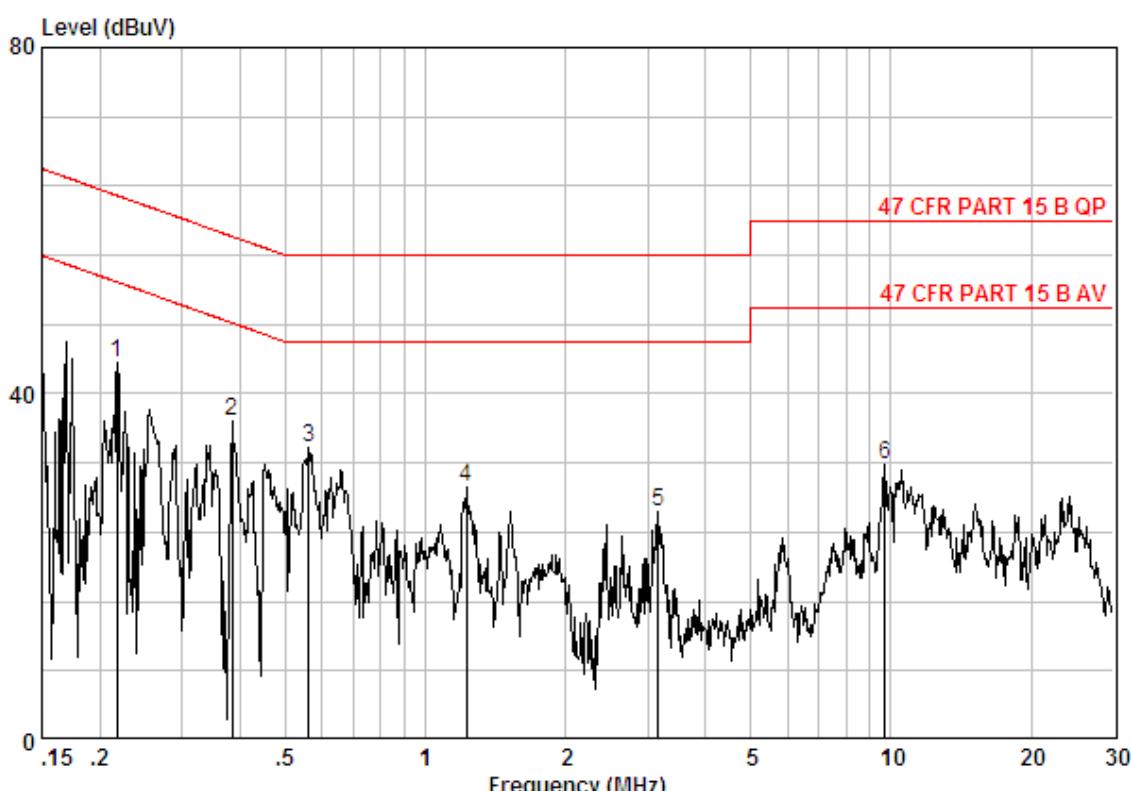
3.1 Conducted Emissions

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:

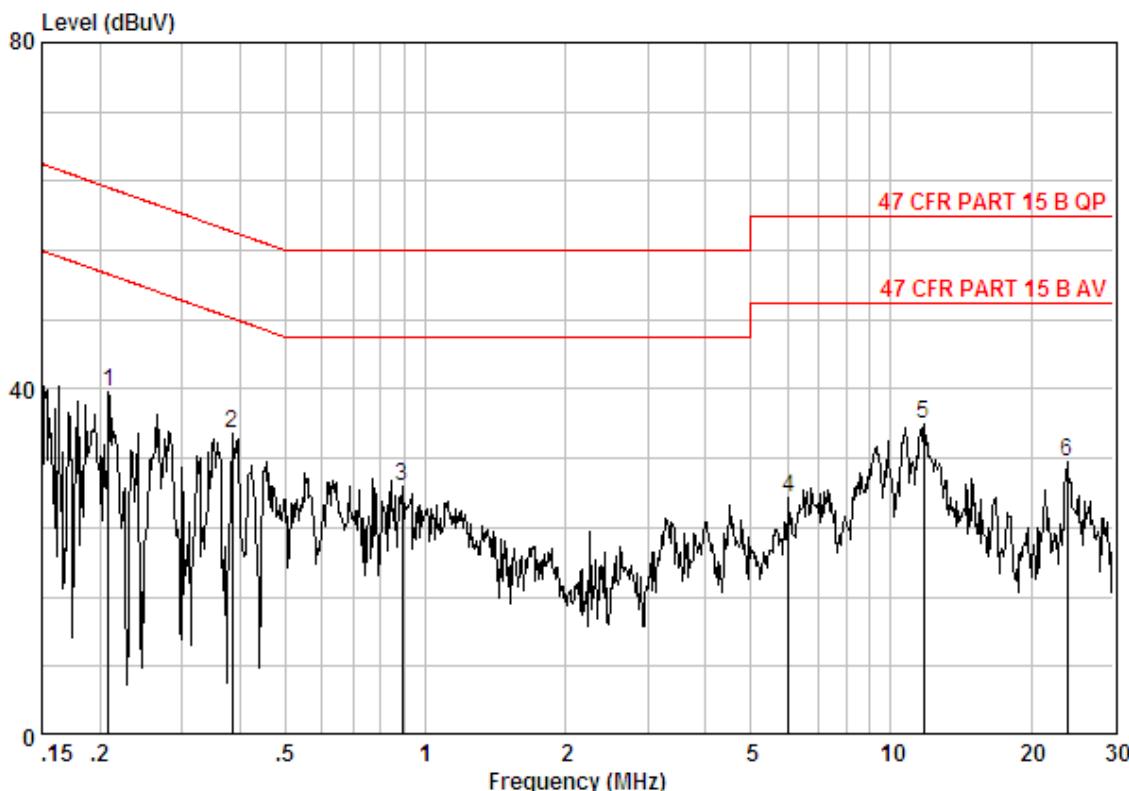


Site : Shielding Room
Condition : 47 CFR PART 15 B AV CE LINE
Job.No : 0090IT
Mode : 5180TX

Freq	Cable	LISN	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line	Limit
1 @	0.21735	0.02	9.70	33.92	43.63	52.92	-9.29 Peak
2	0.38519	0.01	9.79	27.00	36.80	48.17	-11.37 Peak
3	0.56111	0.01	9.80	23.90	33.71	46.00	-12.29 Peak
4	1.223	0.02	9.80	19.34	29.16	46.00	-16.84 Peak
5	3.156	0.02	9.85	16.41	26.28	46.00	-19.72 Peak
6	9.705	0.01	9.90	21.83	31.74	50.00	-18.26 Peak



Neutral Line:



Site : Shielding Room
 Condition : 47 CFR PART 15 B AV CE NEUTRAL
 Job.No : 0090IT
 Mode : 5180TX

Freq	Cable	LISN	Read	Limit	Line	Over	Remark
	Freq	Loss	Factor				
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1	0.20833	0.02	9.70	29.96	39.68	53.27	-13.59 Peak
2	0.38519	0.01	9.79	25.03	34.83	48.17	-13.34 Peak
3	0.88969	0.02	9.80	18.93	28.75	46.00	-17.25 Peak
4	6.024	0.01	9.95	17.49	27.45	50.00	-22.55 Peak
5	11.745	0.01	10.00	25.92	35.94	50.00	-14.06 Peak
6	23.888	0.02	10.10	21.51	31.64	50.00	-18.36 Peak

Notes:

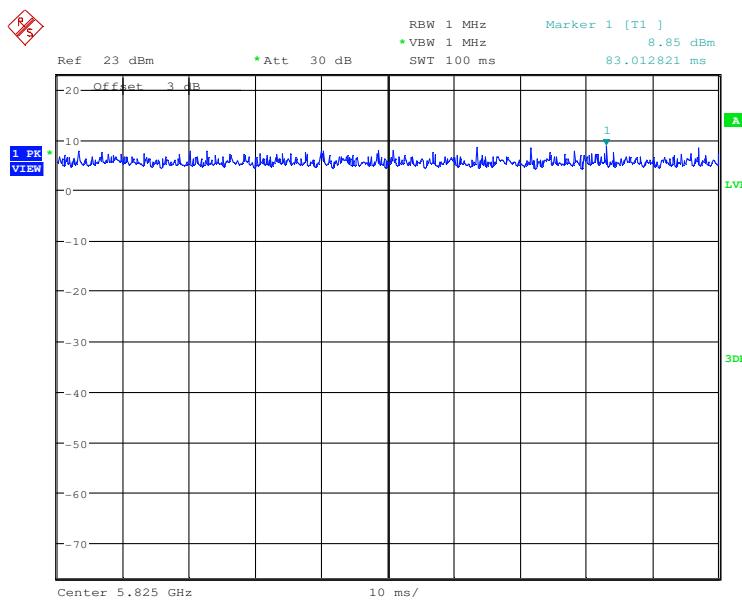
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

3.2 Duty Cycle

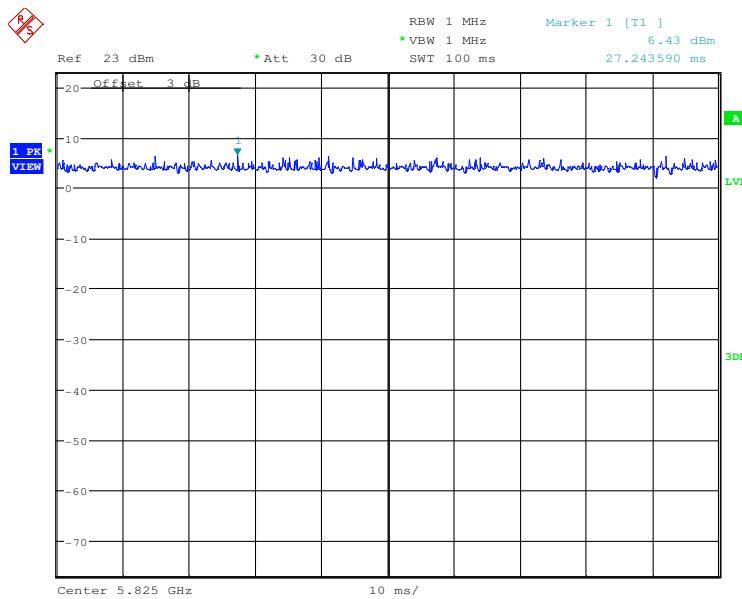
Wi-Fi 1

Test plot as follows:

Test mode:	802.11a
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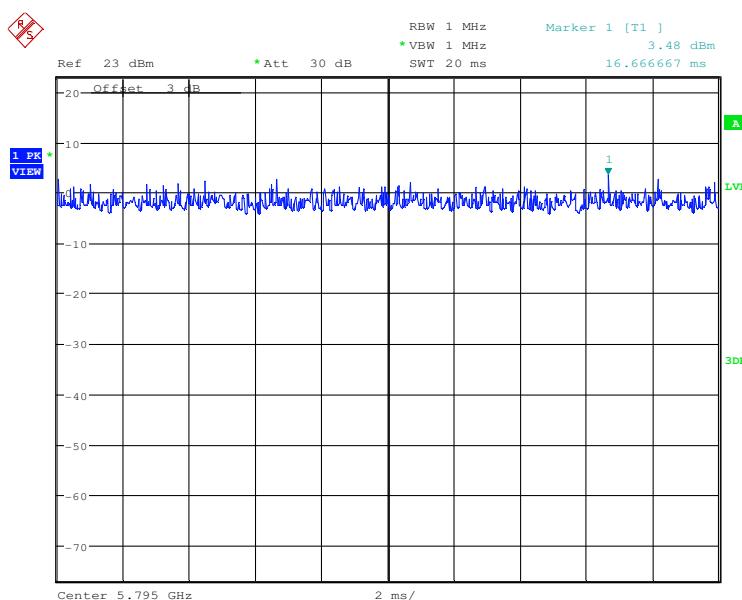


Test mode:	802.11n(HT20)
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Test mode:

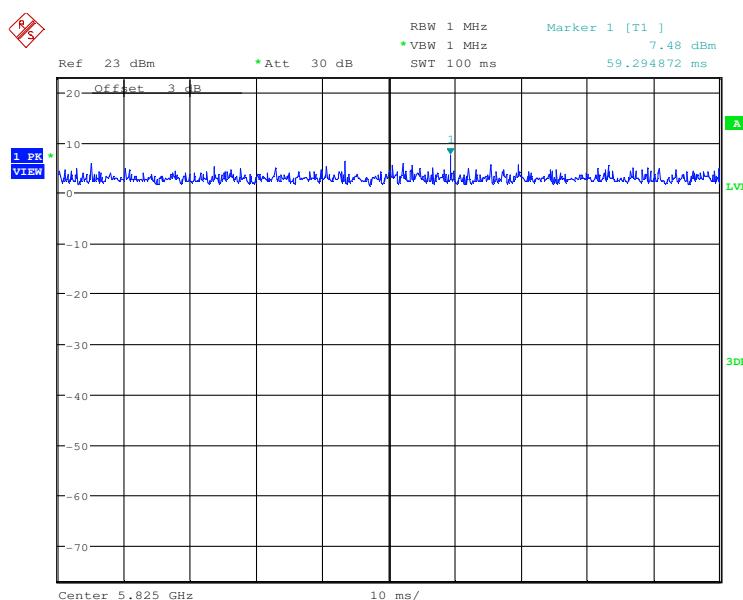
802.11n(HT40)



Wi-Fi 2
Test plot as follows:

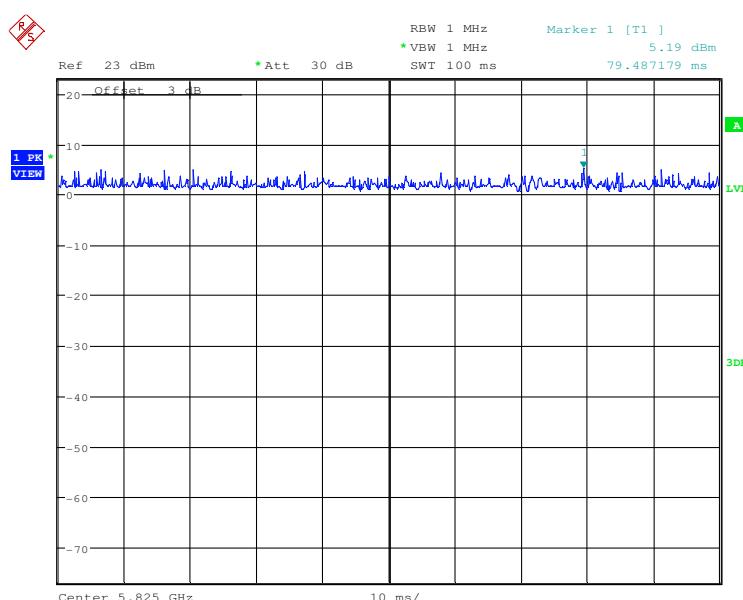
Test mode:

802.11a



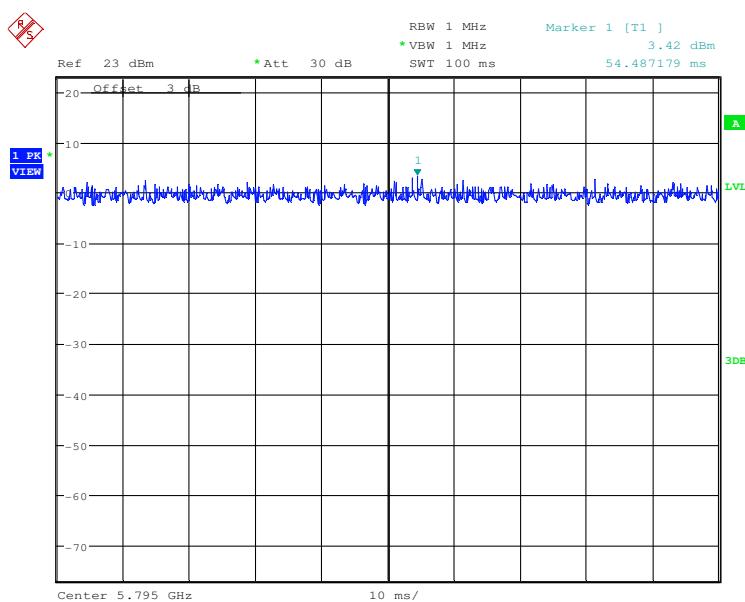
Test mode:

802.11n(HT20)



Test mode:

802.11n(HT40)



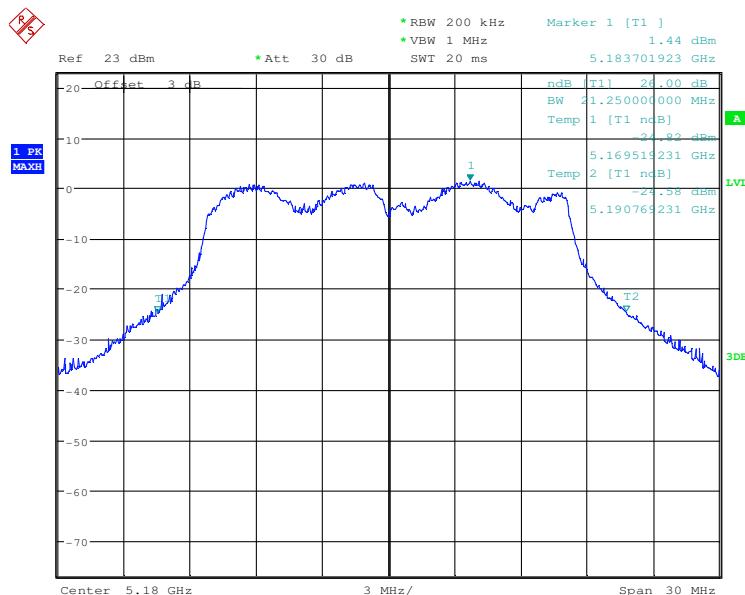
3.3 26dB Emission Bandwidth and 99% Occupied Bandwidth

3.3.1 26dB Emission Bandwidth

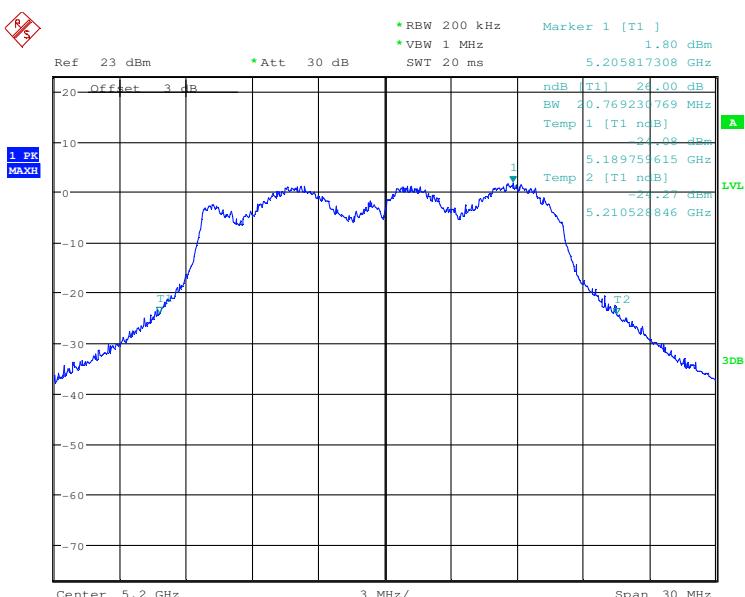
Wi-Fi 1

Test plot as follows:

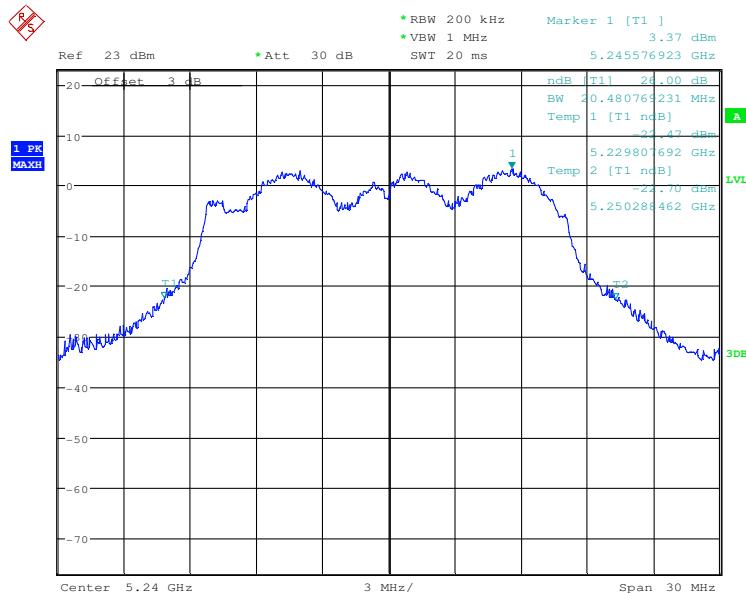
Test mode:	802.11a	Test channel:	36
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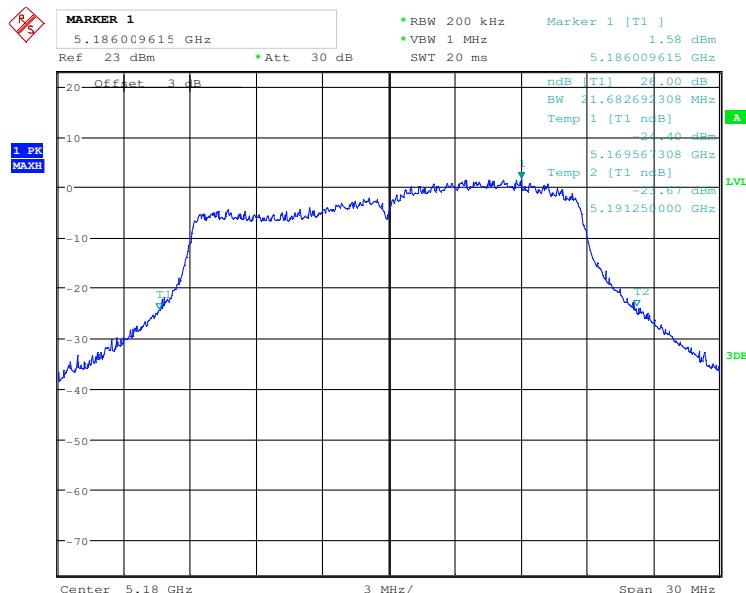
Test mode:	802.11a	Test channel:	40
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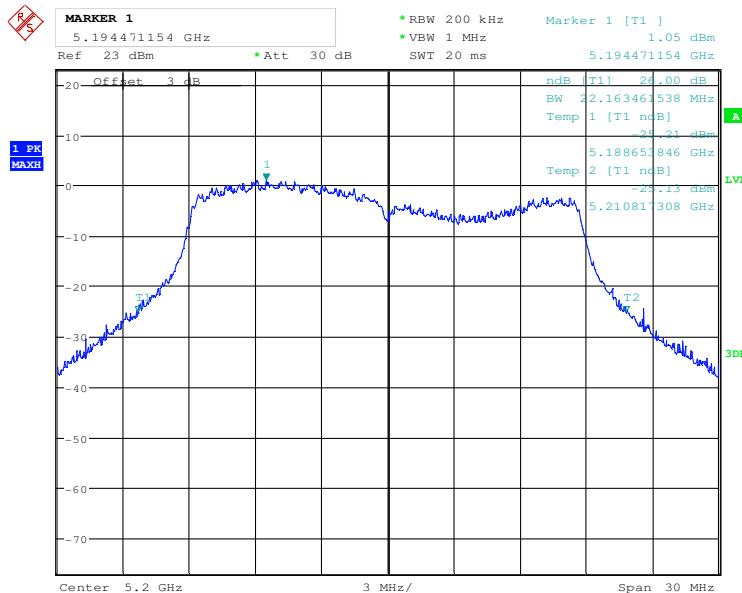
Test mode:	802.11a	Test channel:	48
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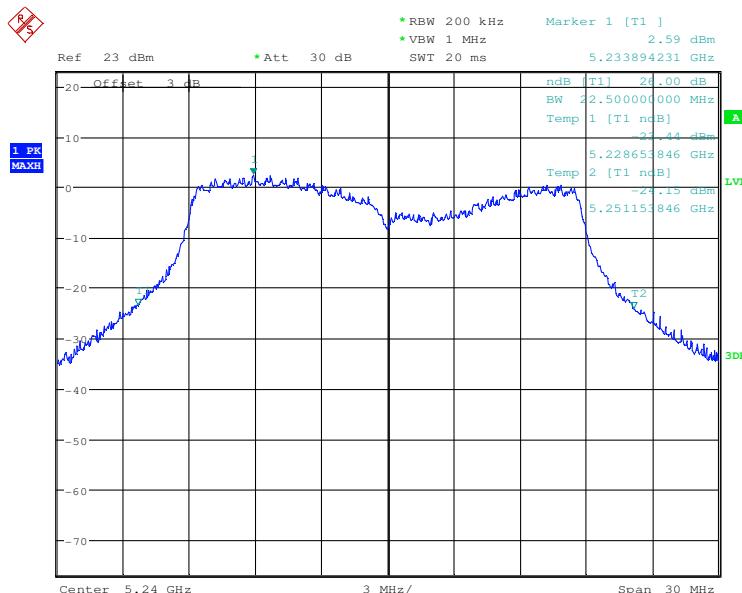
Test mode:	802.11n(HT20)	Test channel:	36
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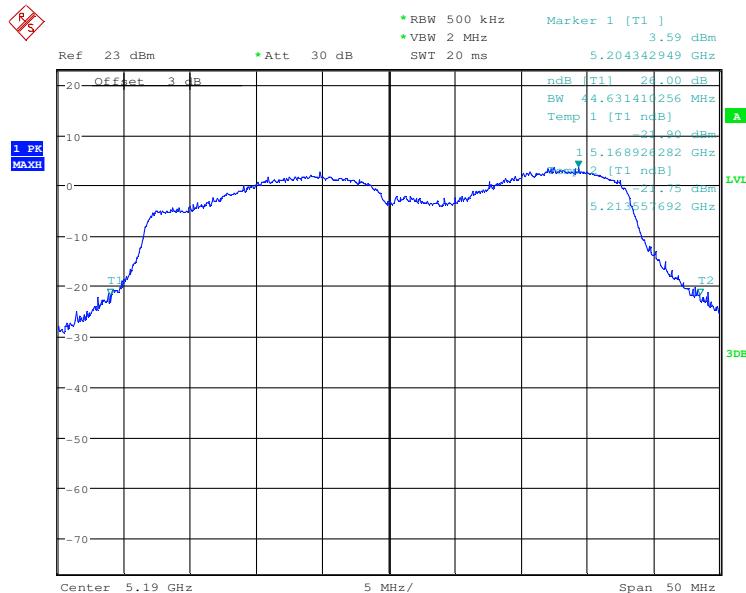
Test mode:	802.11n(HT20)	Test channel:	40
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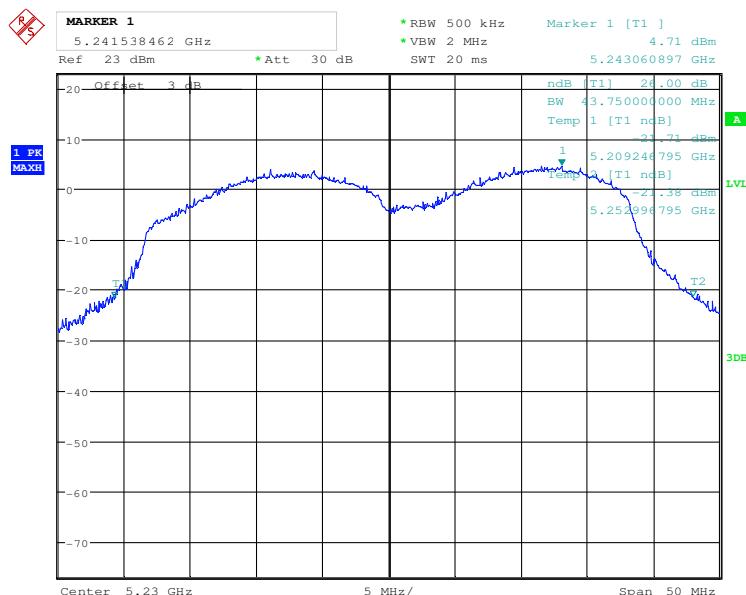
Test mode:	802.11n(HT20)	Test channel:	48
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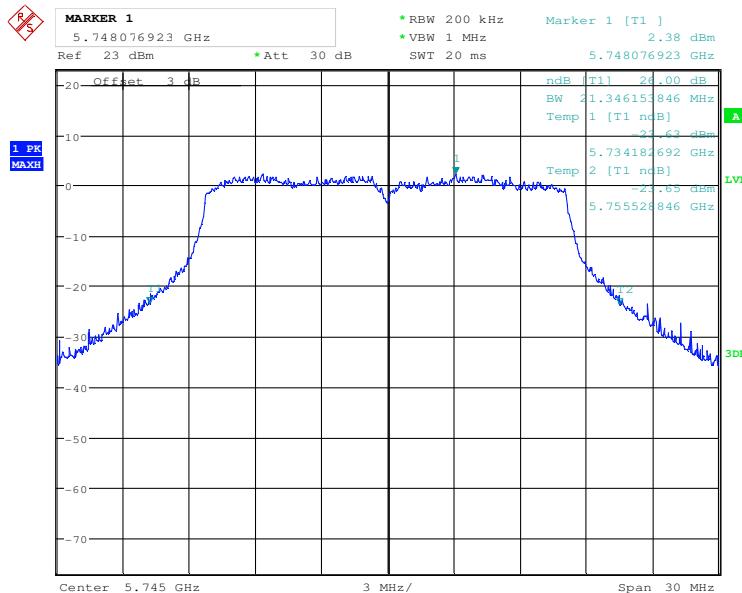
Test mode:	802.11n(HT40)	Test channel:	38
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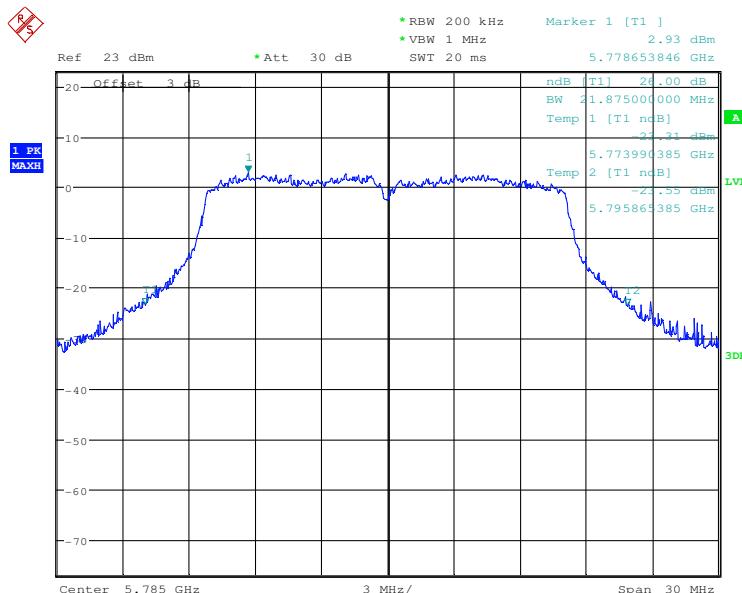
Test mode:	802.11n(HT40)	Test channel:	46
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Test mode:	802.11a	Test channel:	149
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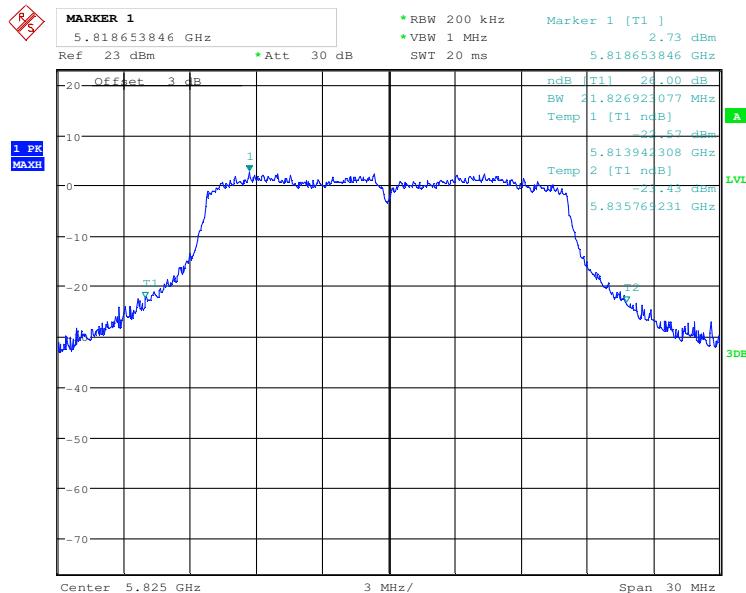


Test mode:	802.11a	Test channel:	157
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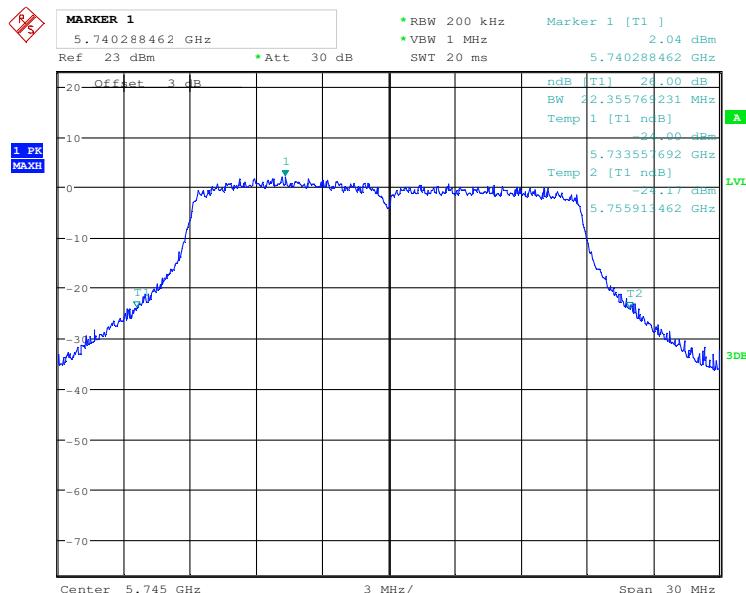


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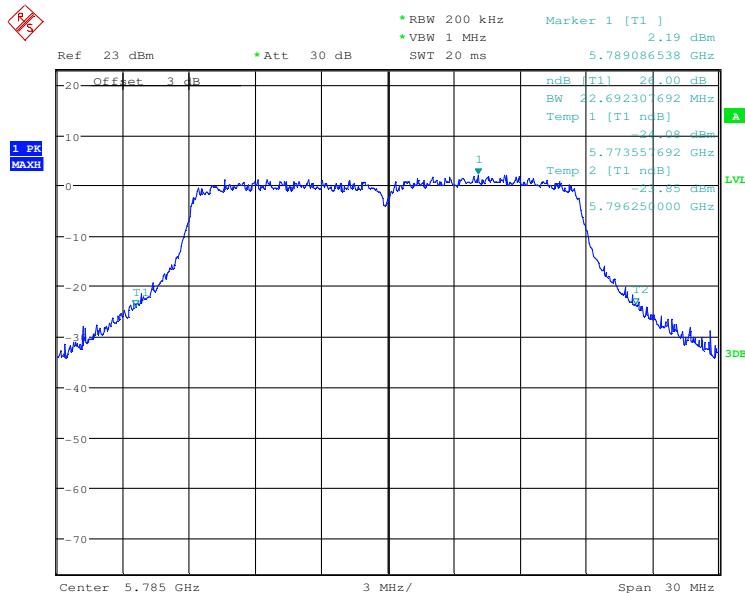
Test mode:	802.11a	Test channel:	165
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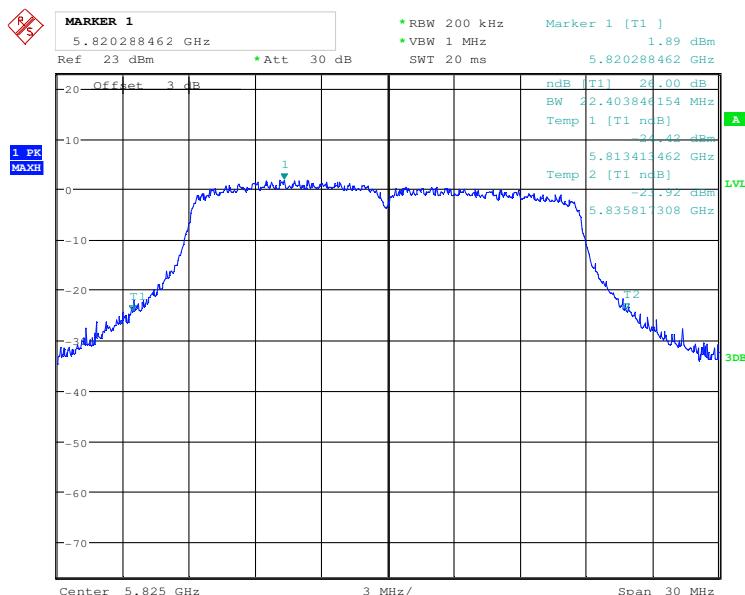
Test mode:	802.11n(HT20)	Test channel:	149
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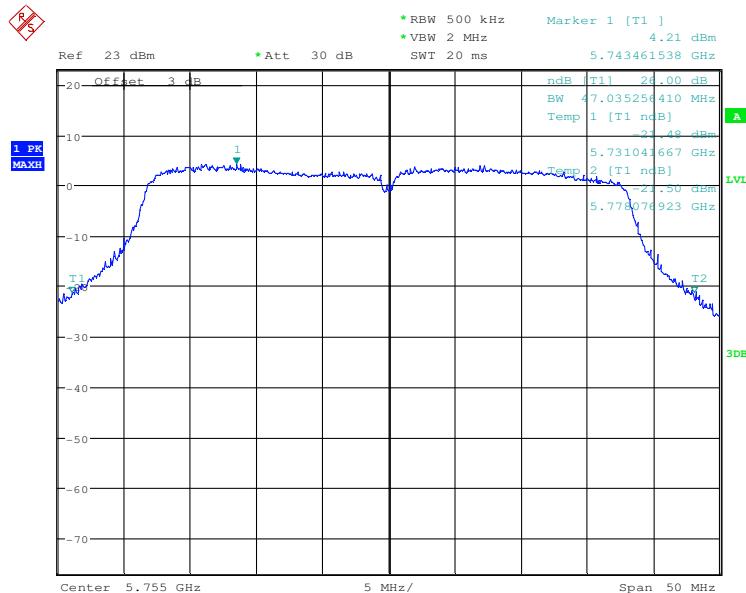
Test mode:	802.11n(HT20)	Test channel:	157
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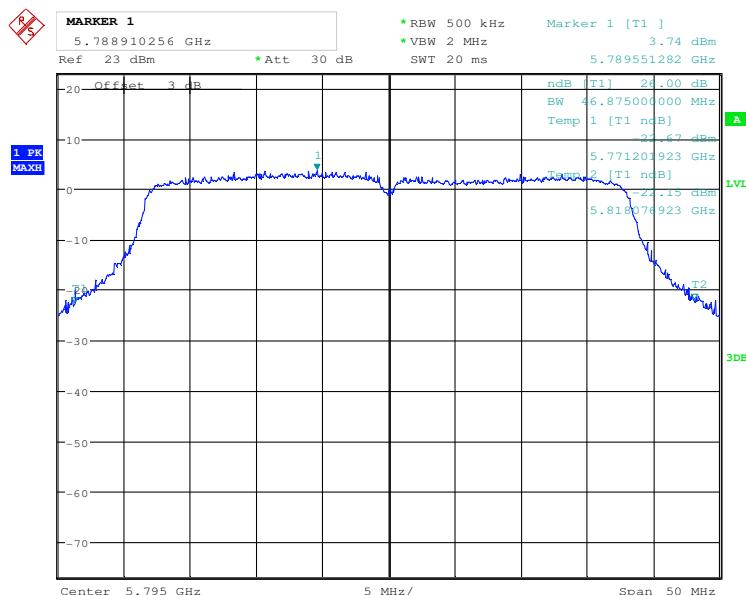
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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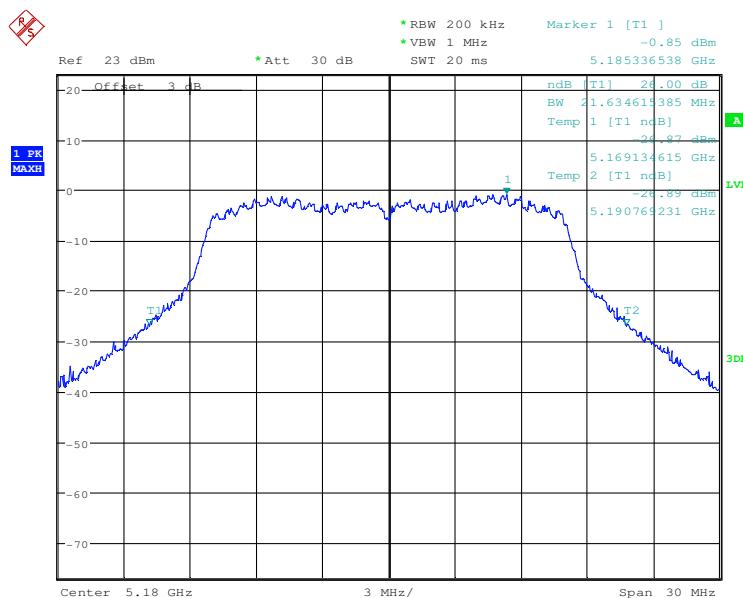


Test mode:	802.11n(HT40)	Test channel:	159
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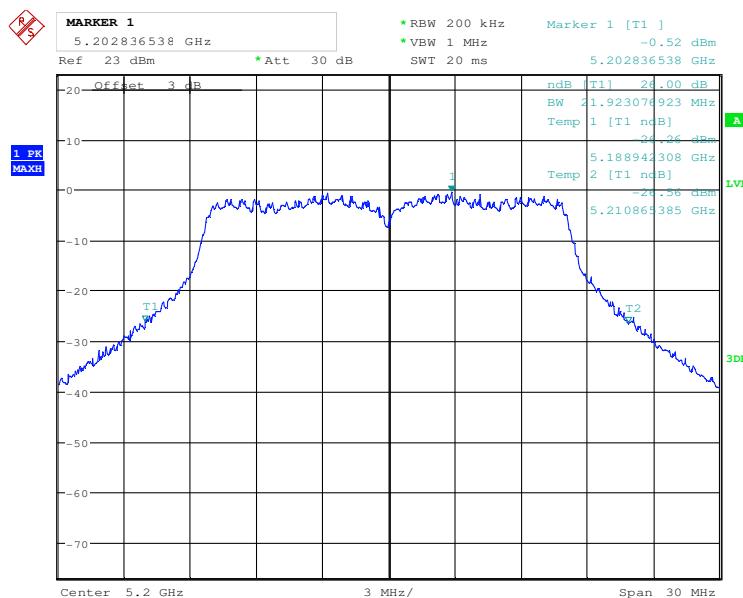


Wi-Fi 2
Test plot as follows:

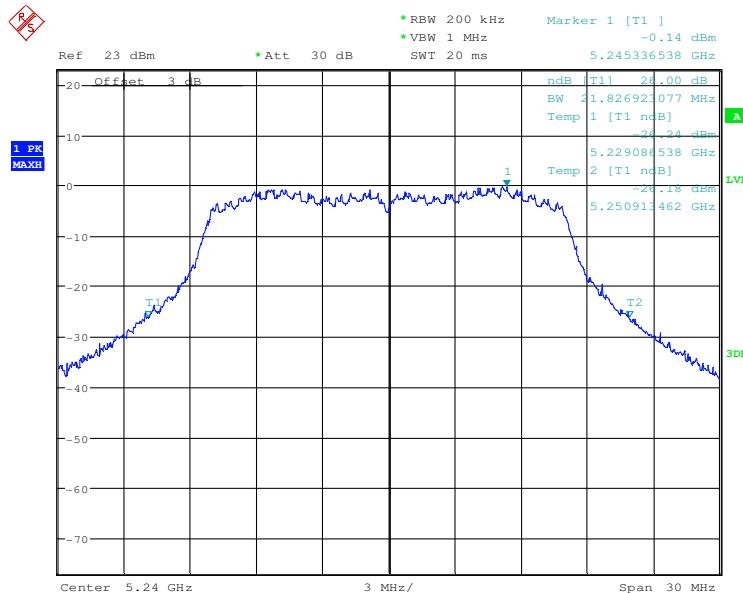
Test mode:	802.11a	Test channel:	36
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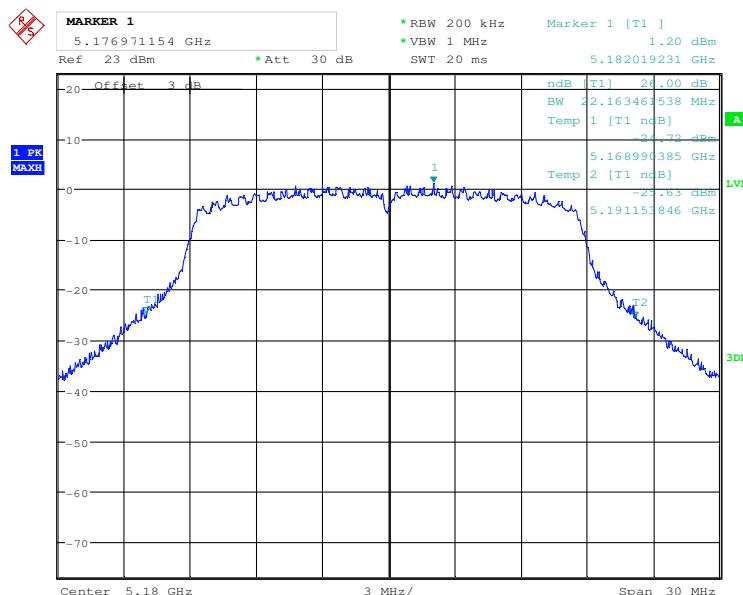
Test mode:	802.11a	Test channel:	40
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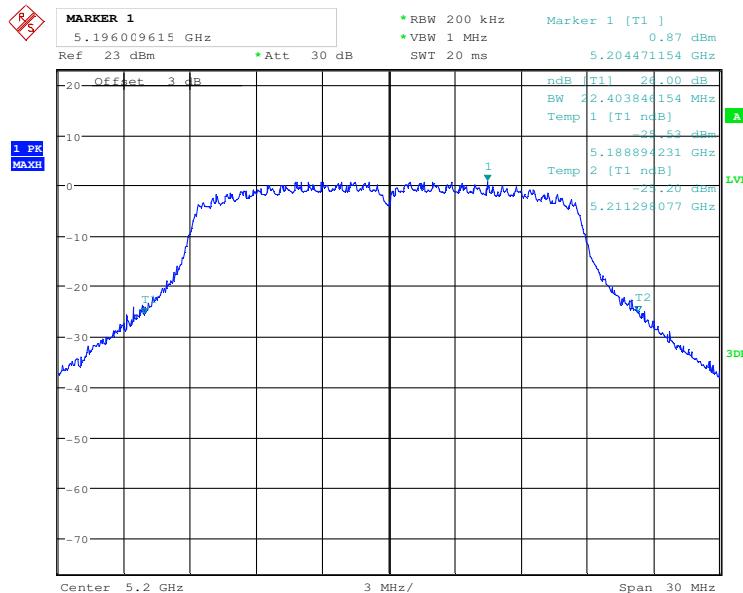
Test mode:	802.11a	Test channel:	48
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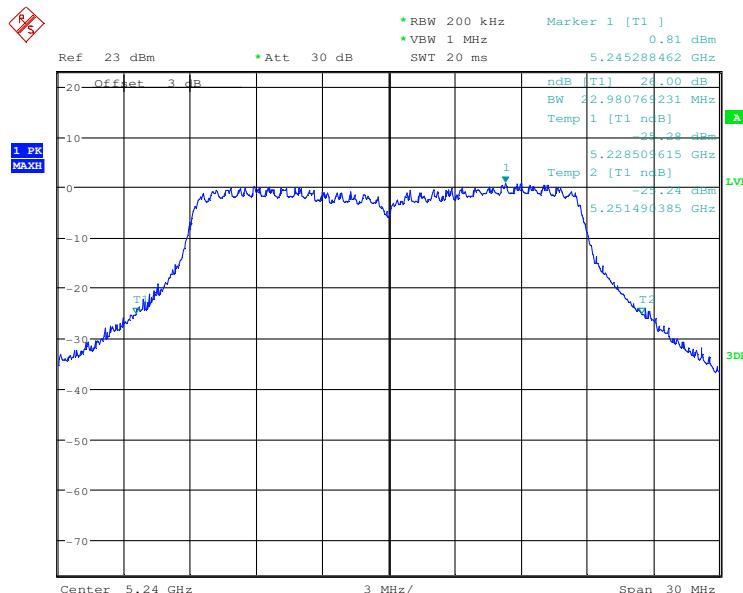
Test mode:	802.11n(HT20)	Test channel:	36
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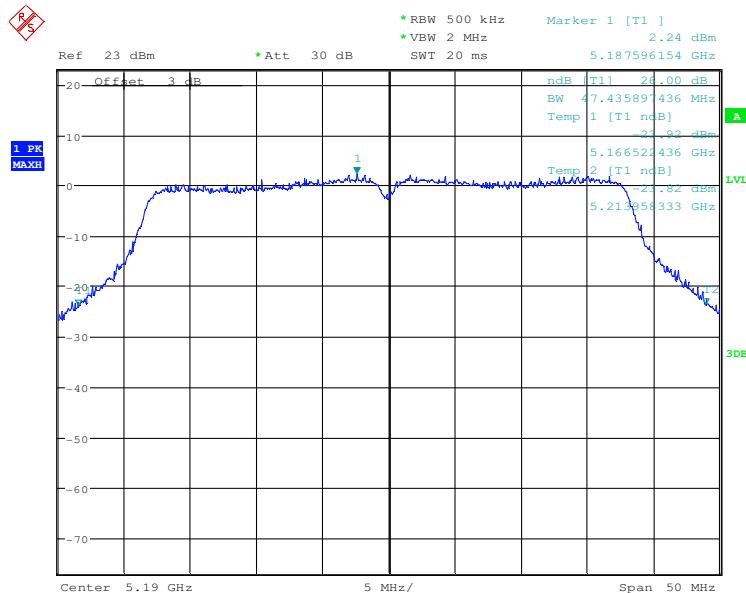
Test mode:	802.11n(HT20)	Test channel:	40
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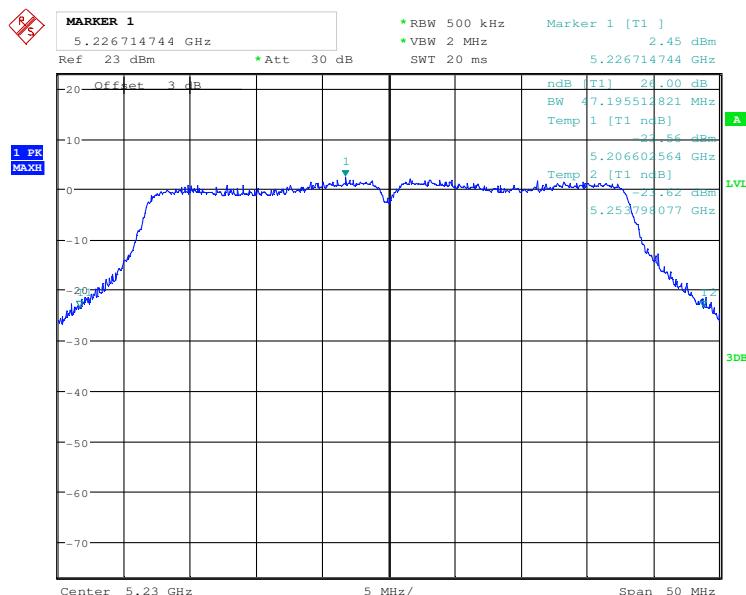
Test mode:	802.11n(HT20)	Test channel:	48
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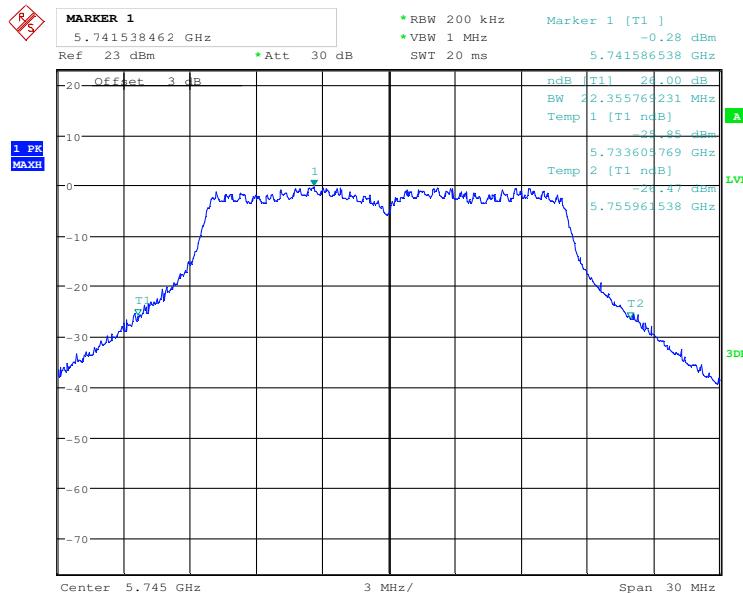
Test mode:	802.11n(HT40)	Test channel:	38
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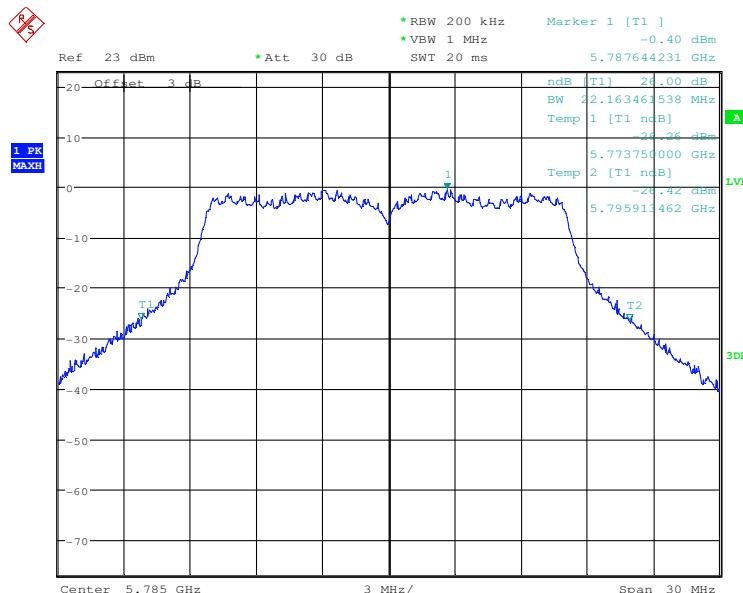
Test mode:	802.11n(HT40)	Test channel:	46
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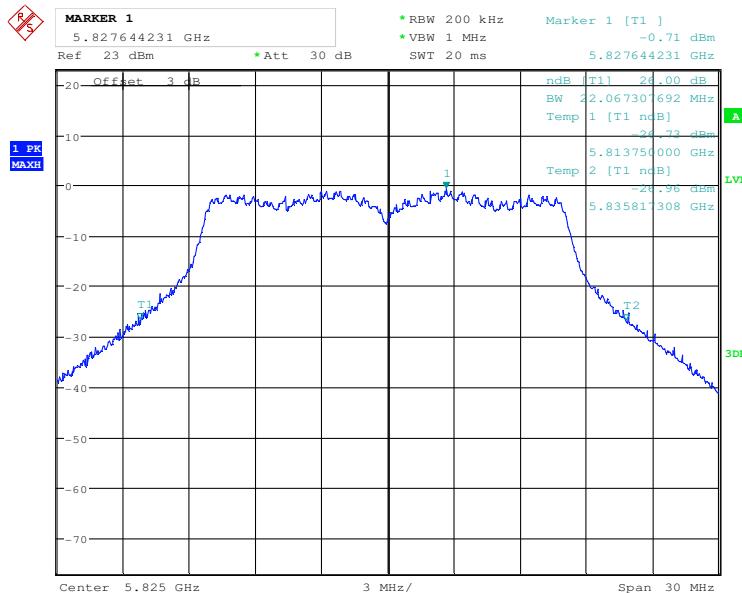
Test mode:	802.11a	Test channel:	149
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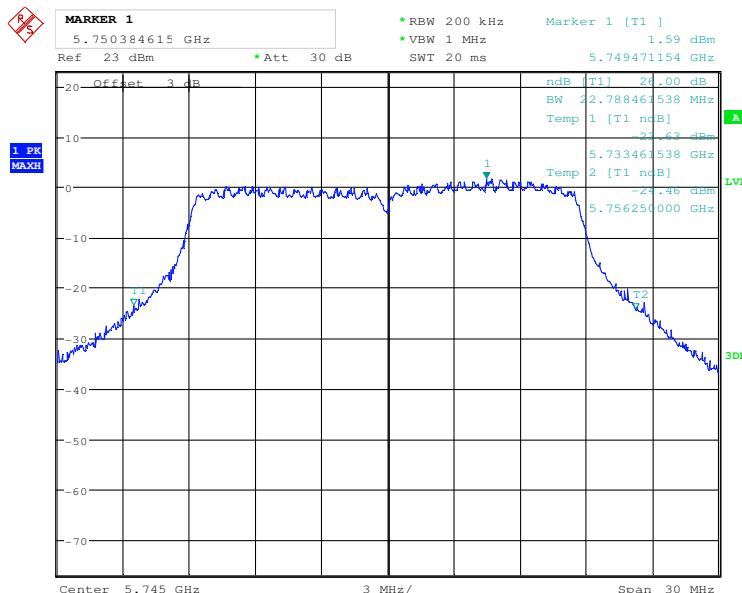
Test mode:	802.11a	Test channel:	157
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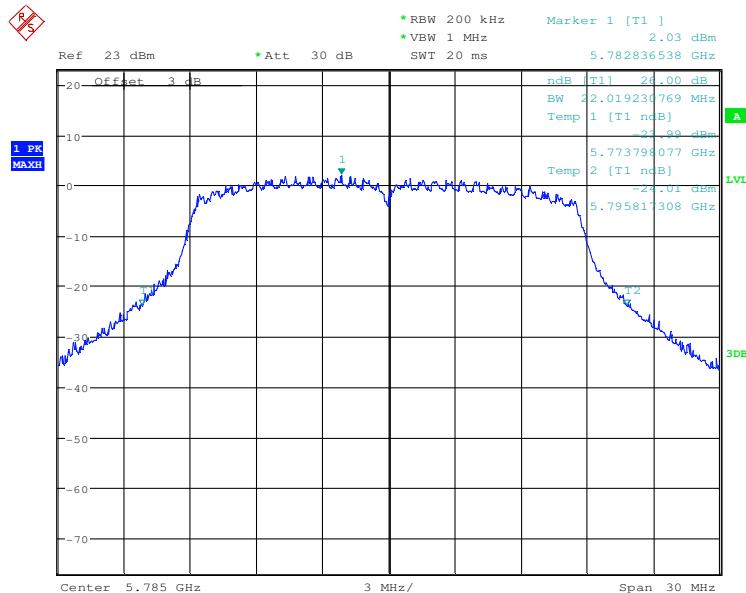
Test mode:	802.11a	Test channel:	165
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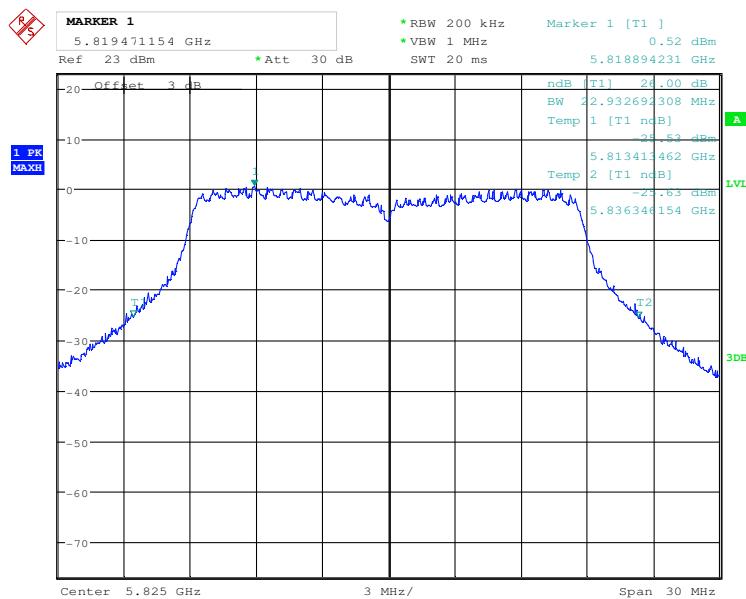
Test mode:	802.11n(HT20)	Test channel:	149
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Test mode:	802.11n(HT20)	Test channel:	157
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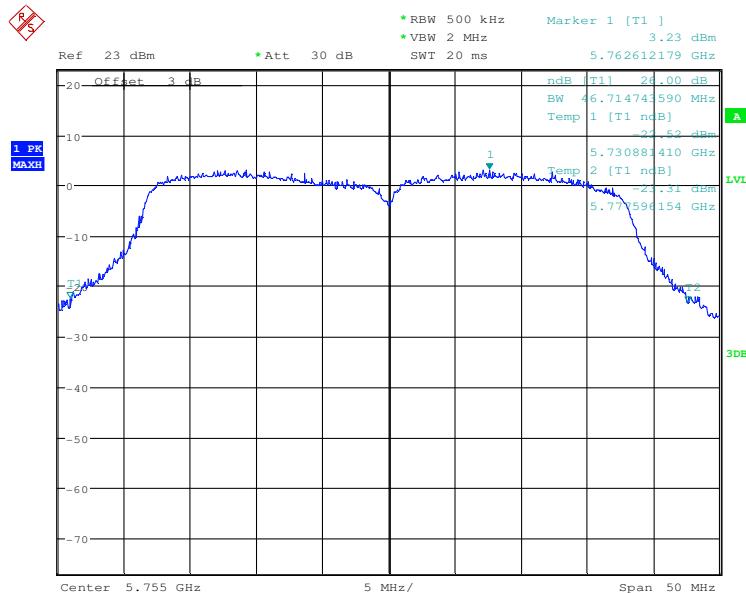


Test mode:	802.11n(HT20)	Test channel:	165
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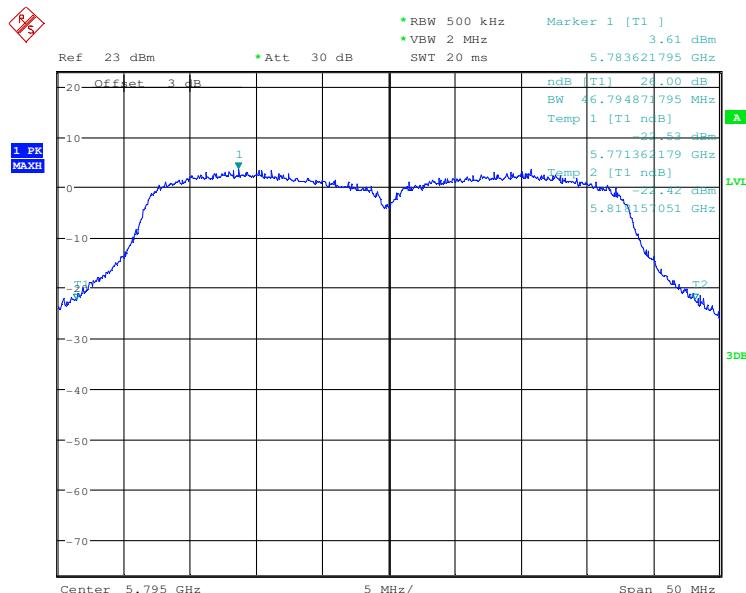


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Test mode:	802.11n(HT40)	Test channel:	151
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Test mode:	802.11n(HT40)	Test channel:	159
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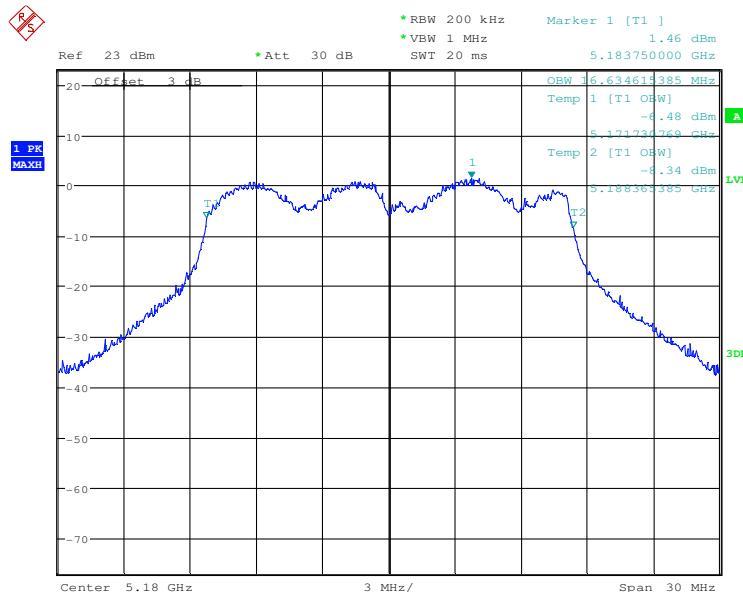


3.3.2 99% Occupied Bandwidth

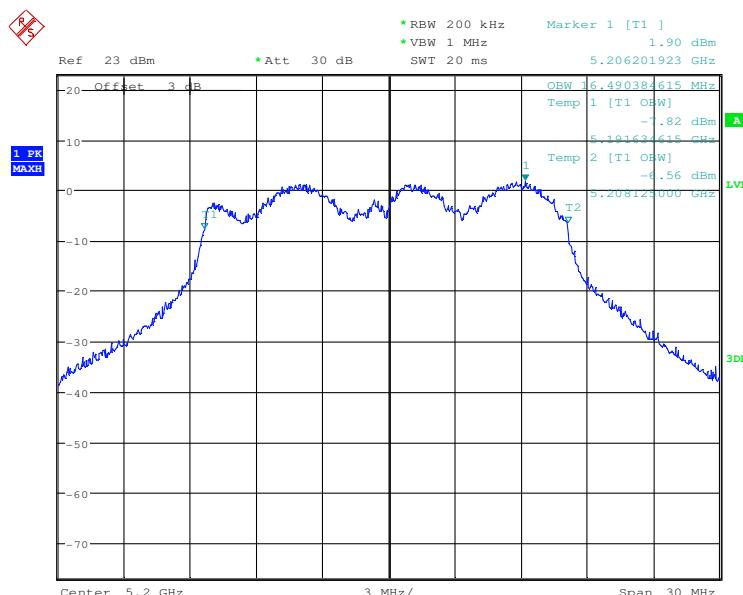
Wi-Fi 1

Test plot as follows:

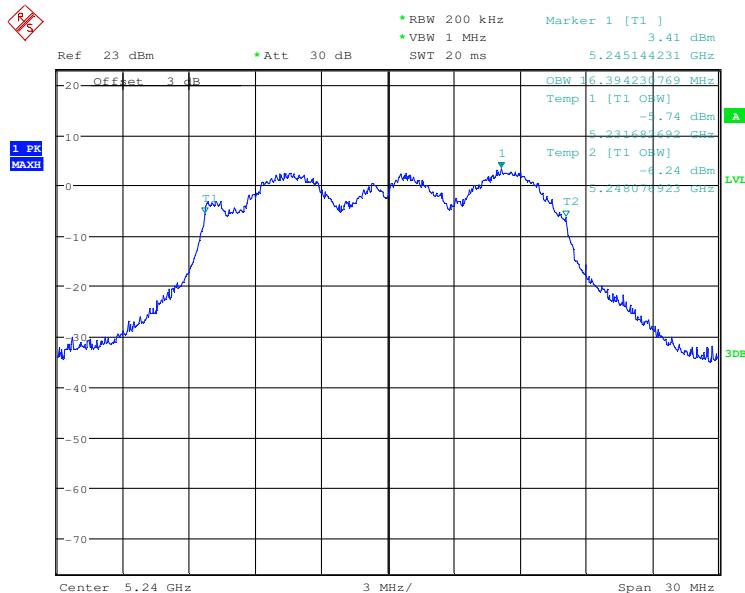
Test mode:	802.11a	Test channel:	36
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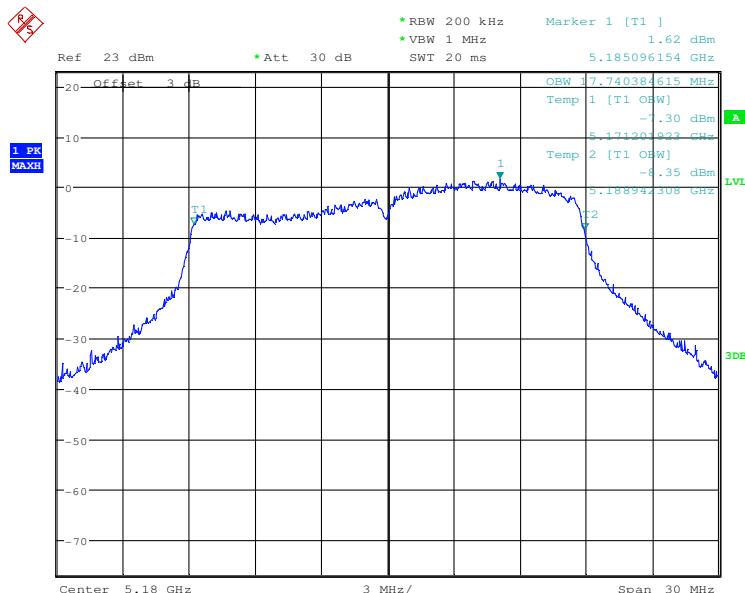
Test mode:	802.11a	Test channel:	40
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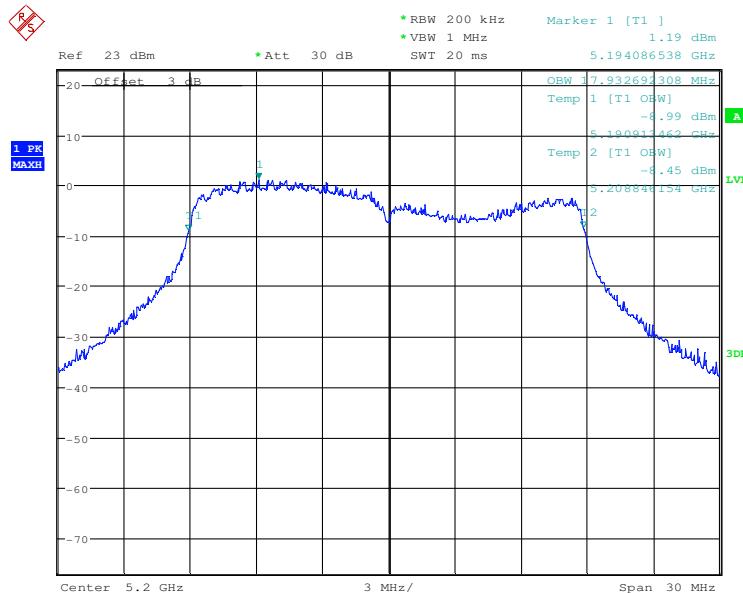
Test mode:	802.11a	Test channel:	48
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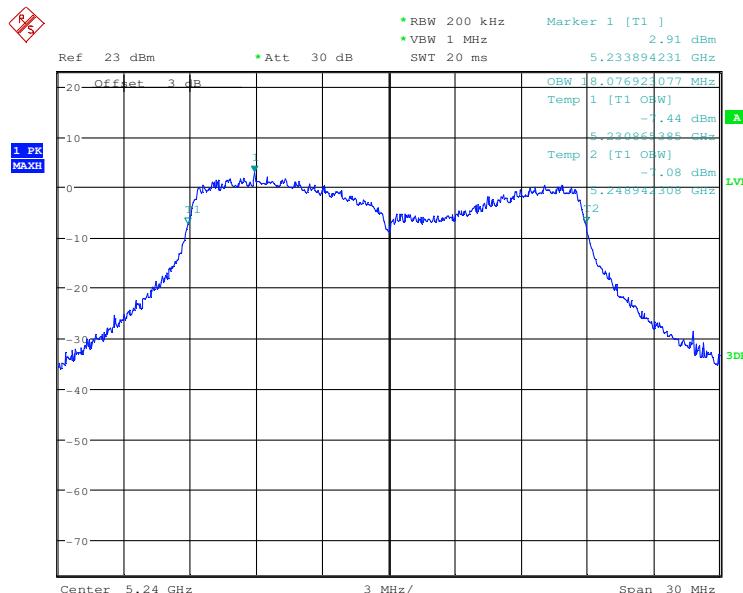
Test mode:	802.11n(HT20)	Test channel:	36
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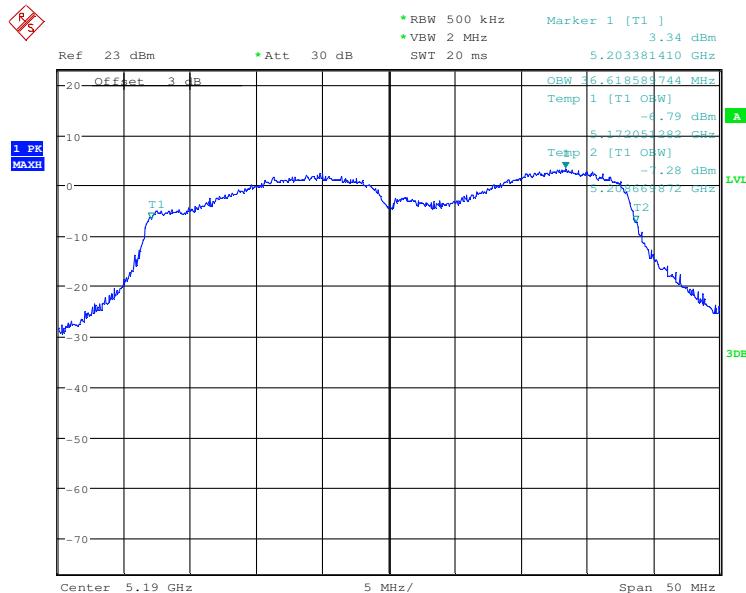
Test mode:	802.11n(HT20)	Test channel:	40
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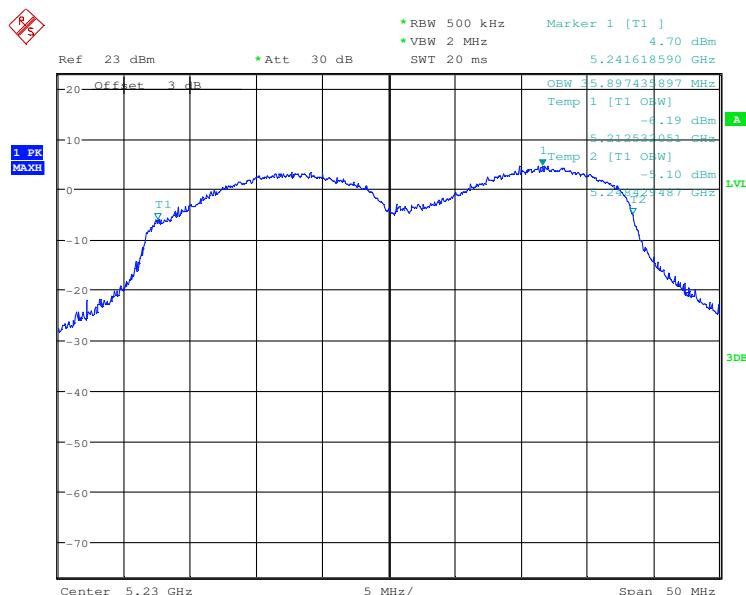
Test mode:	802.11n(HT20)	Test channel:	48
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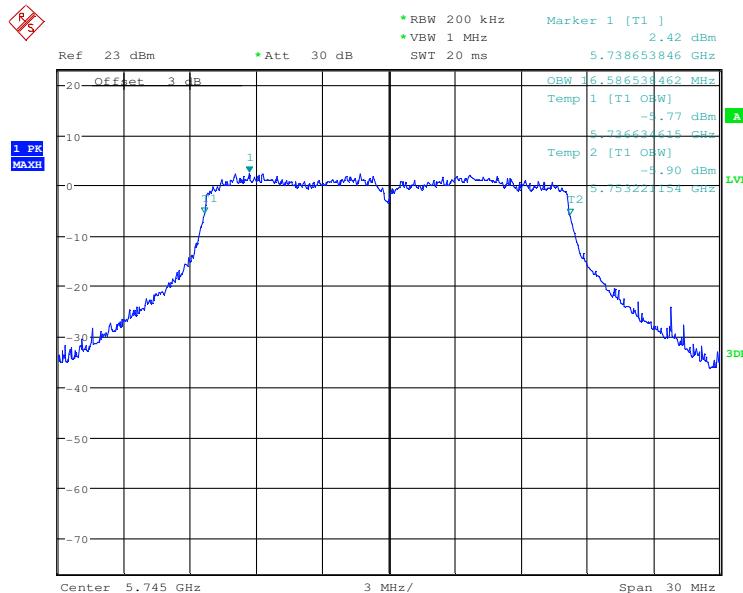
Test mode:	802.11n(HT40)	Test channel:	38
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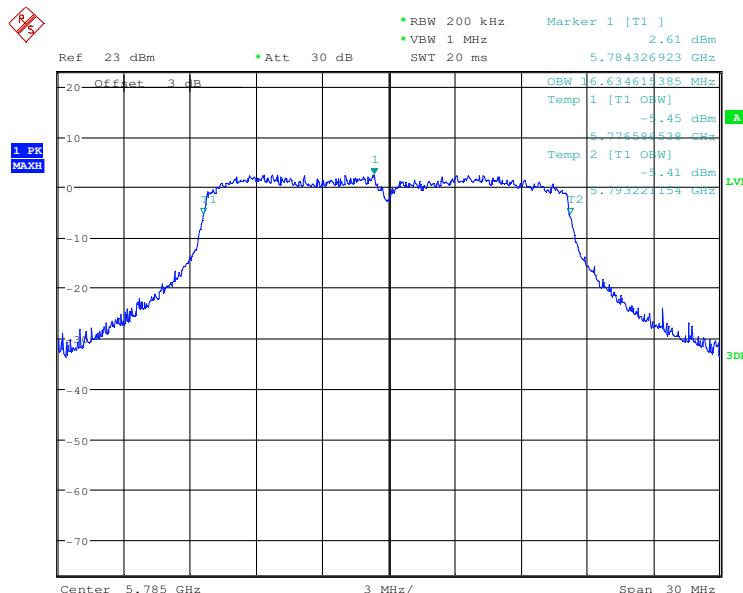
Test mode:	802.11n(HT40)	Test channel:	46
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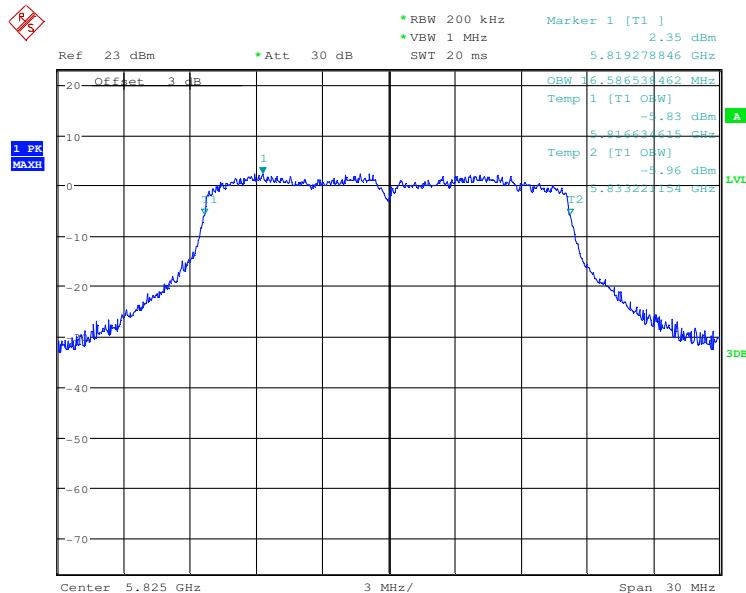
Test mode:	802.11a	Test channel:	149
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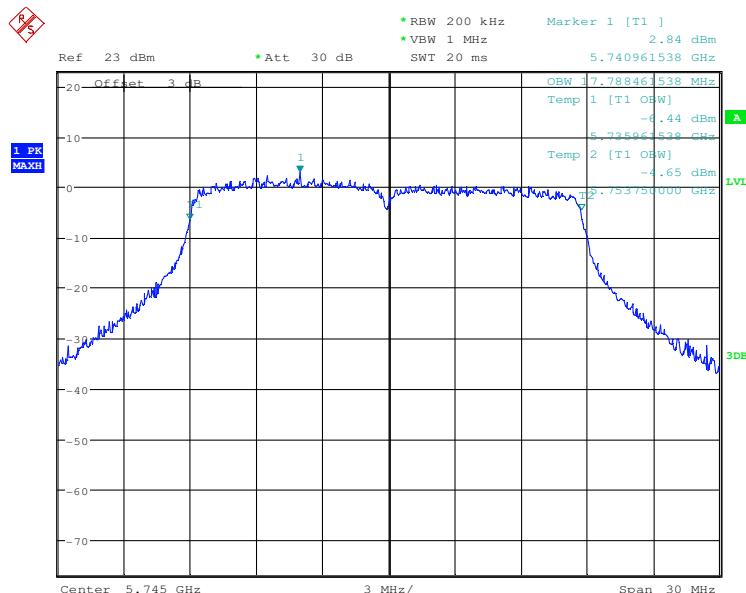
Test mode:	802.11a	Test channel:	157
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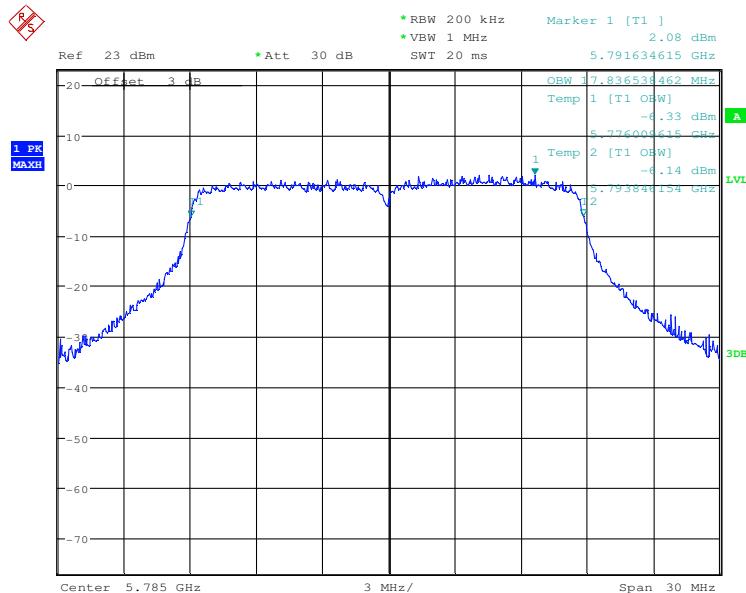
Test mode:	802.11a	Test channel:	165
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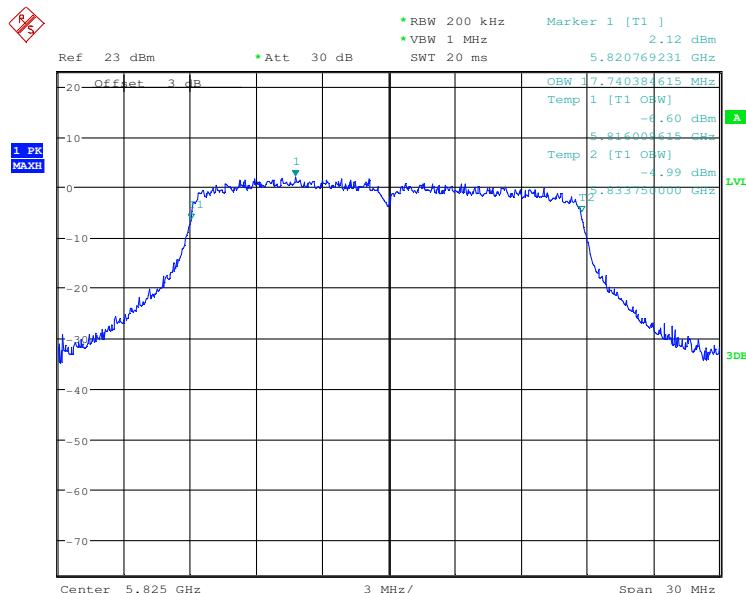
Test mode:	802.11n(HT20)	Test channel:	149
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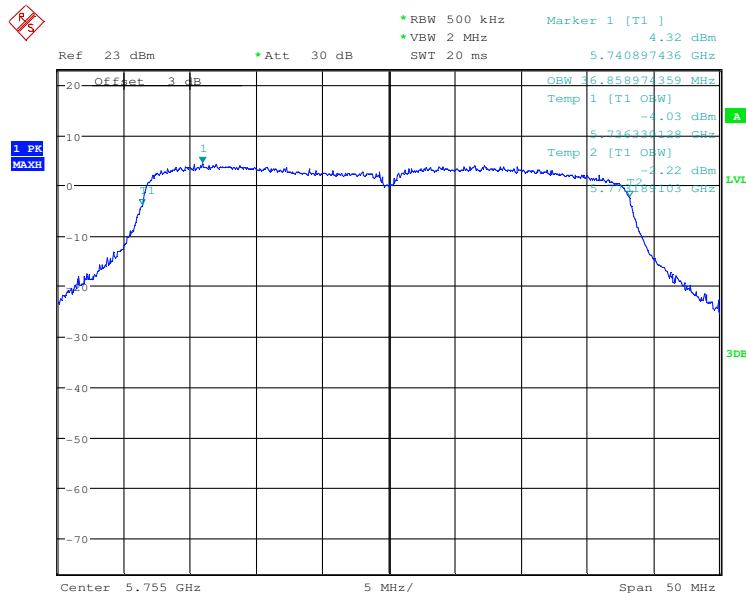
Test mode:	802.11n(HT20)	Test channel:	157
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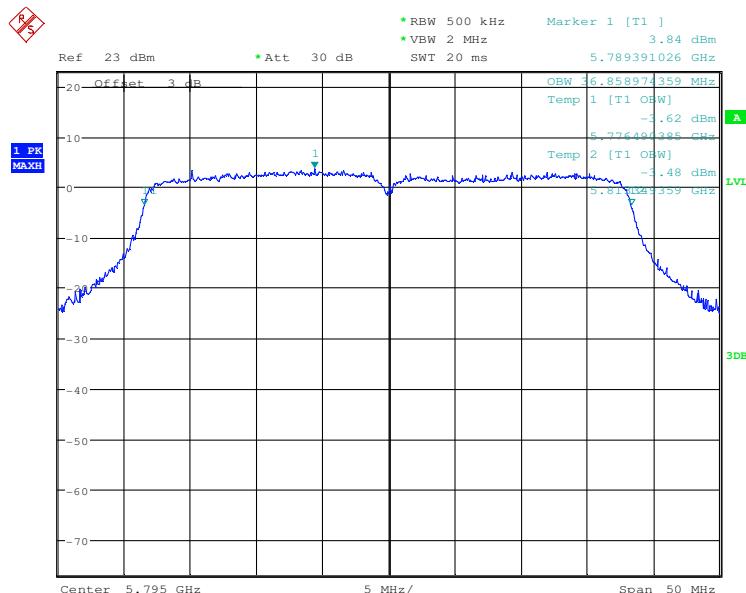
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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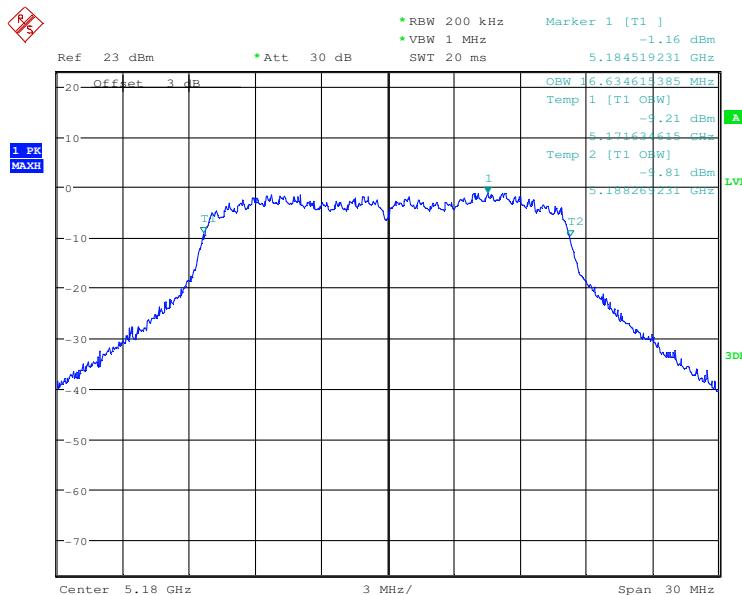


Test mode:	802.11n(HT40)	Test channel:	159
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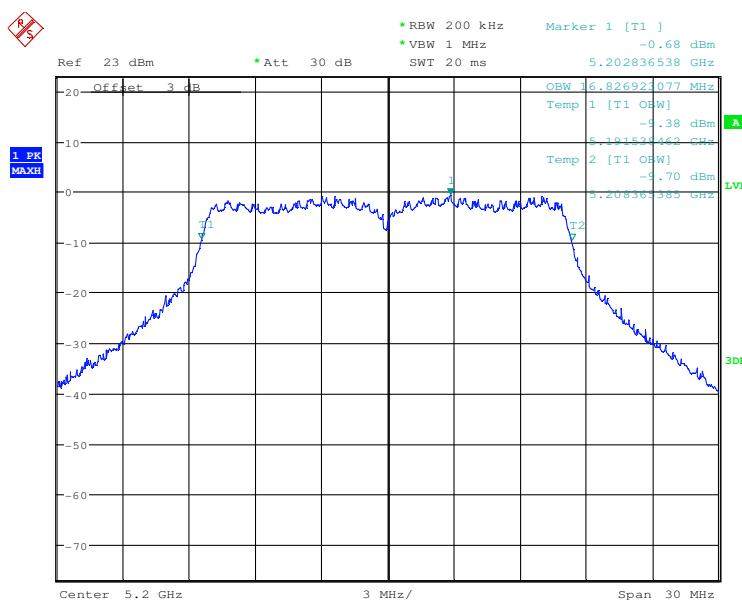


Wi-Fi 2
Test plot as follows:

Test mode:	802.11a	Test channel:	36
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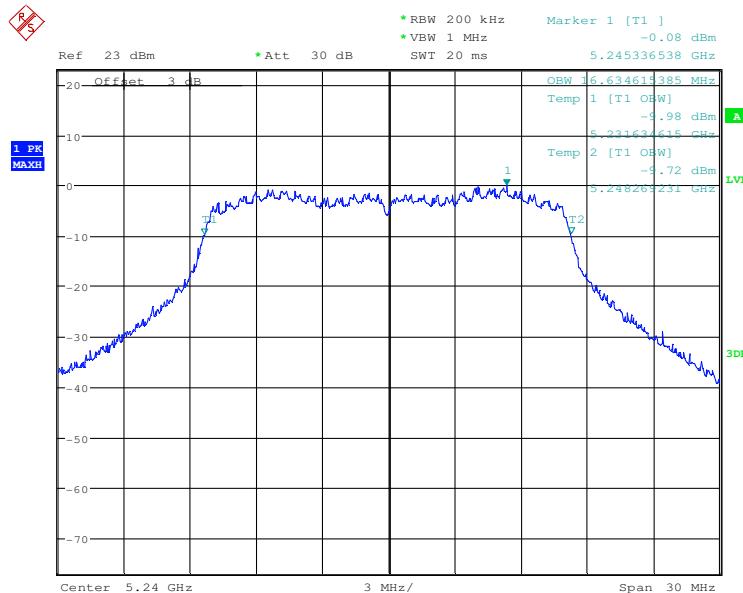


Test mode:	802.11a	Test channel:	40
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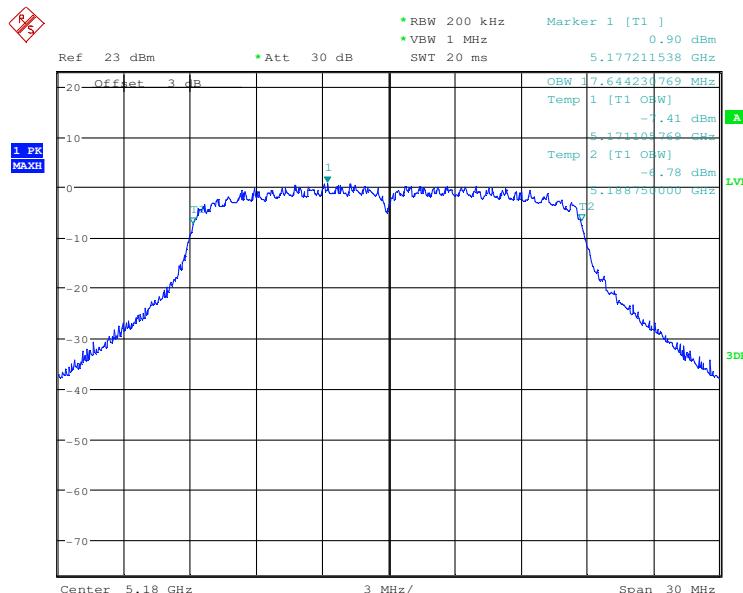


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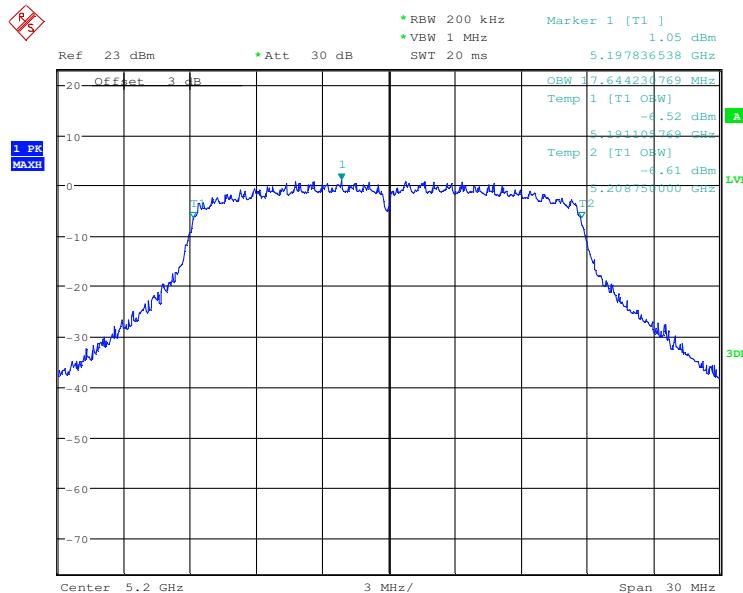
Test mode:	802.11a	Test channel:	48
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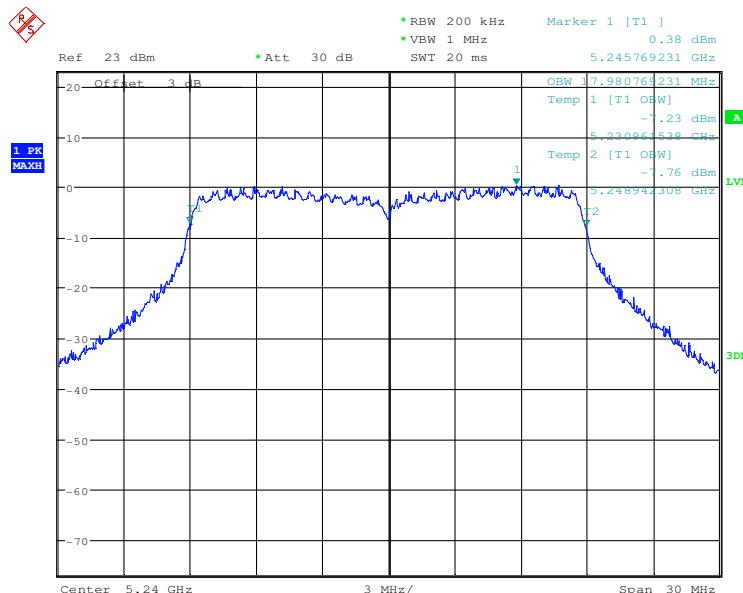
Test mode:	802.11n(HT20)	Test channel:	36
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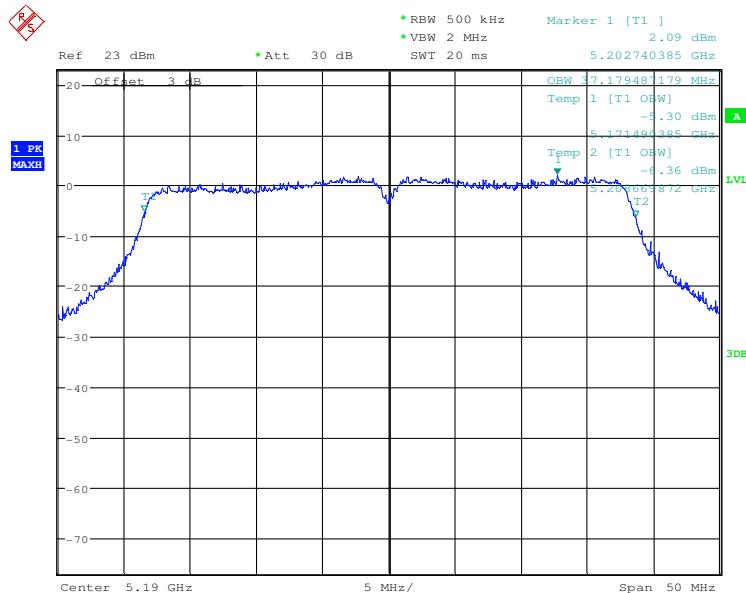
Test mode:	802.11n(HT20)	Test channel:	40
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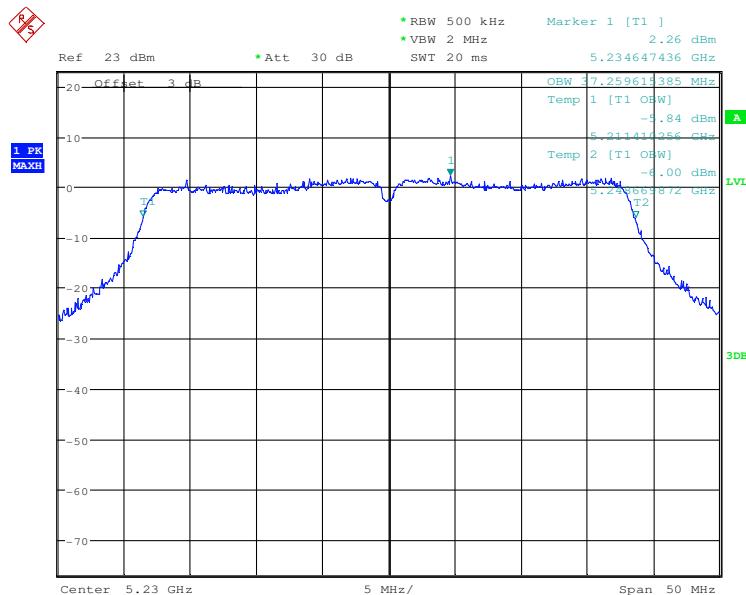
Test mode:	802.11n(HT20)	Test channel:	48
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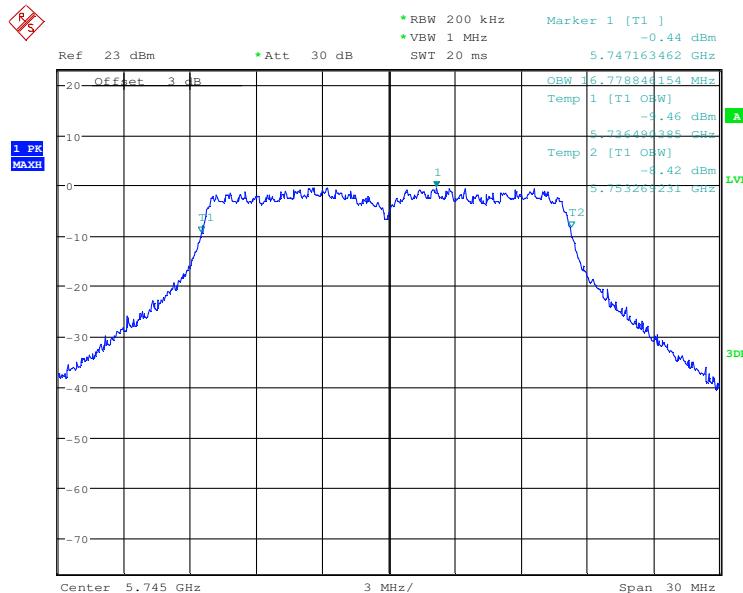
Test mode:	802.11n(HT40)	Test channel:	38
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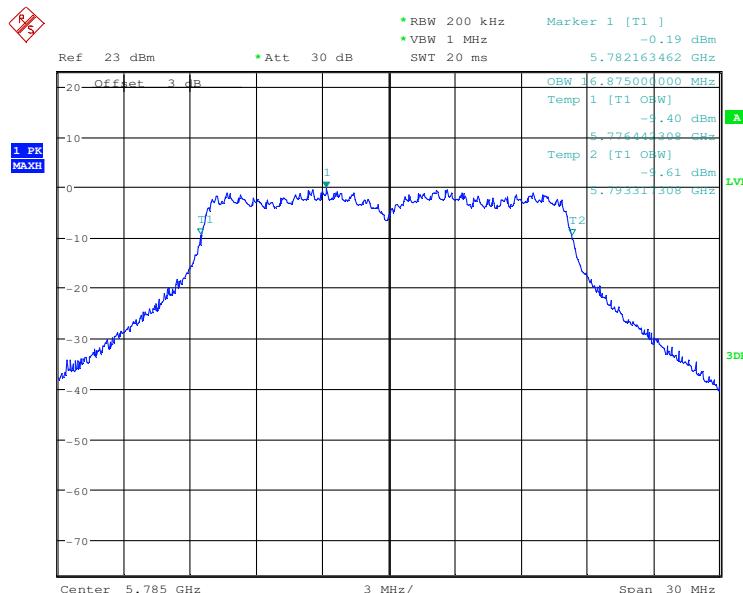
Test mode:	802.11n(HT40)	Test channel:	46
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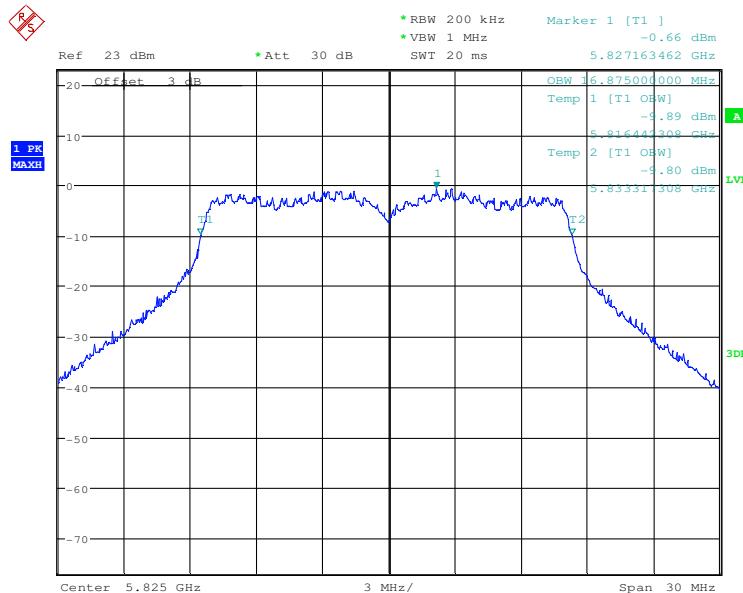
Test mode:	802.11a	Test channel:	149
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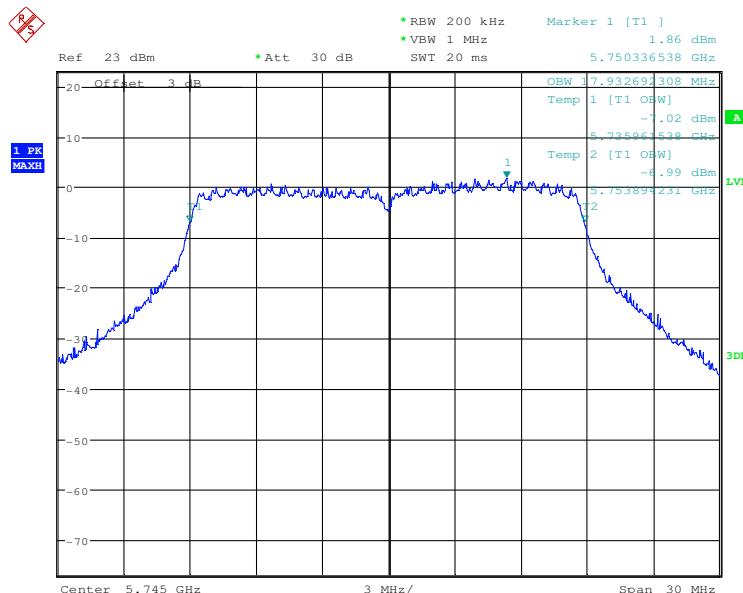
Test mode:	802.11a	Test channel:	157
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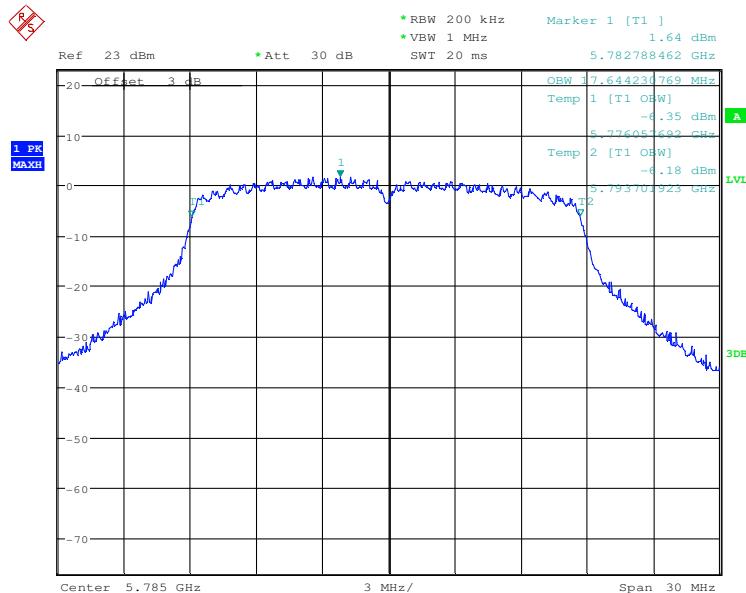
Test mode:	802.11a	Test channel:	165
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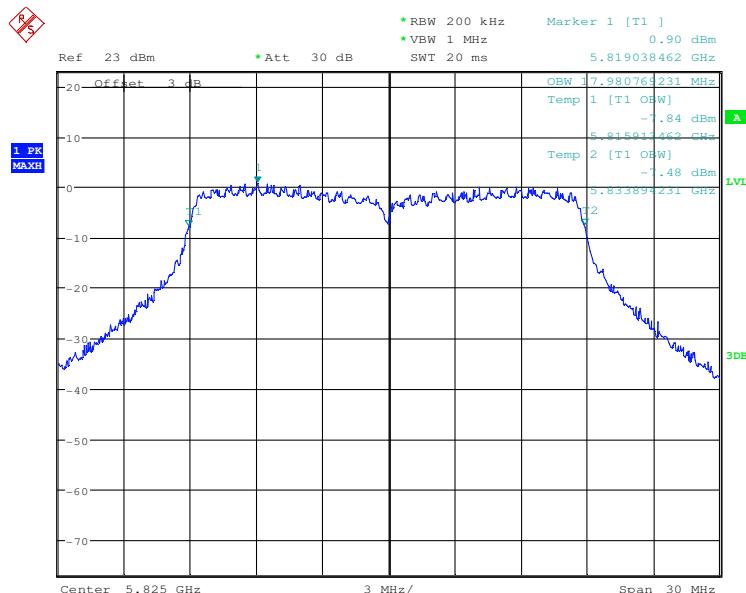
Test mode:	802.11n(HT20)	Test channel:	149
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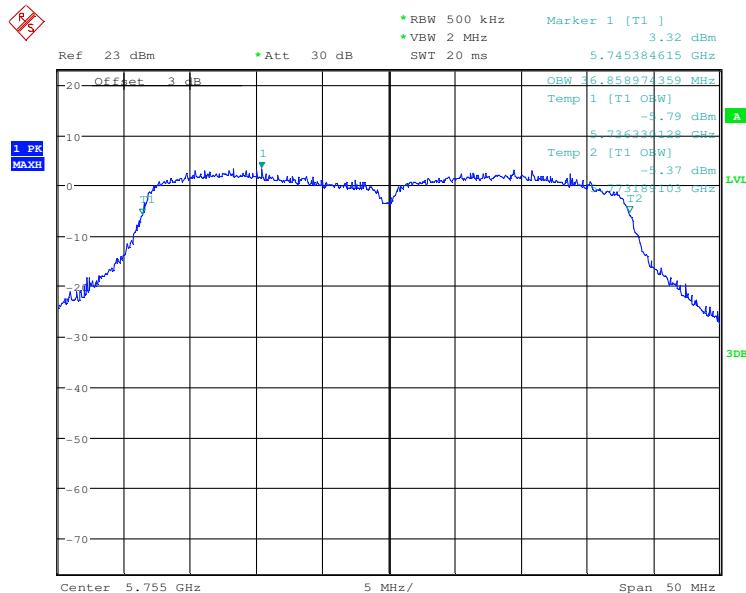
Test mode:	802.11n(HT20)	Test channel:	157
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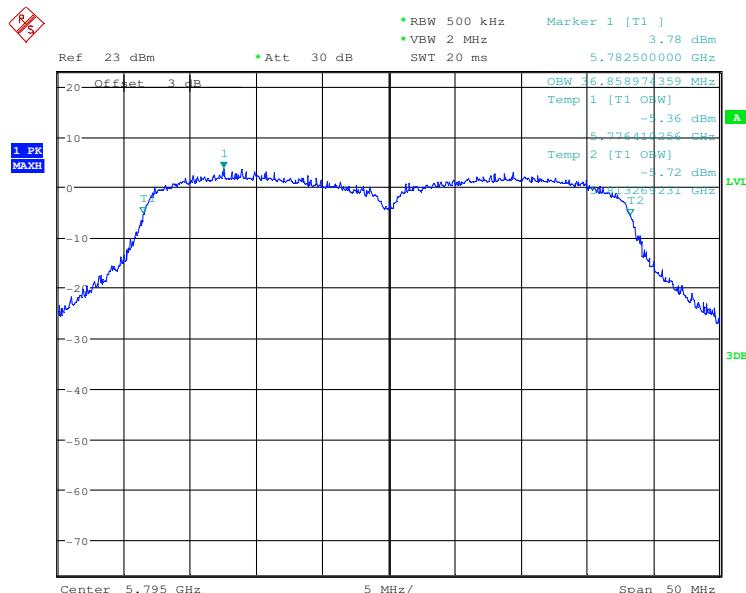
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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Test mode:	802.11n(HT40)	Test channel:	159
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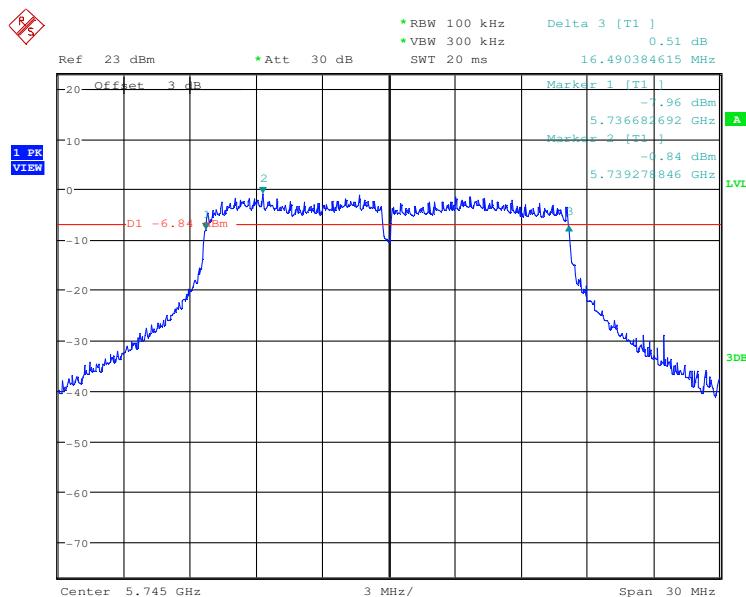


3.4 6dB Emission Bandwidth

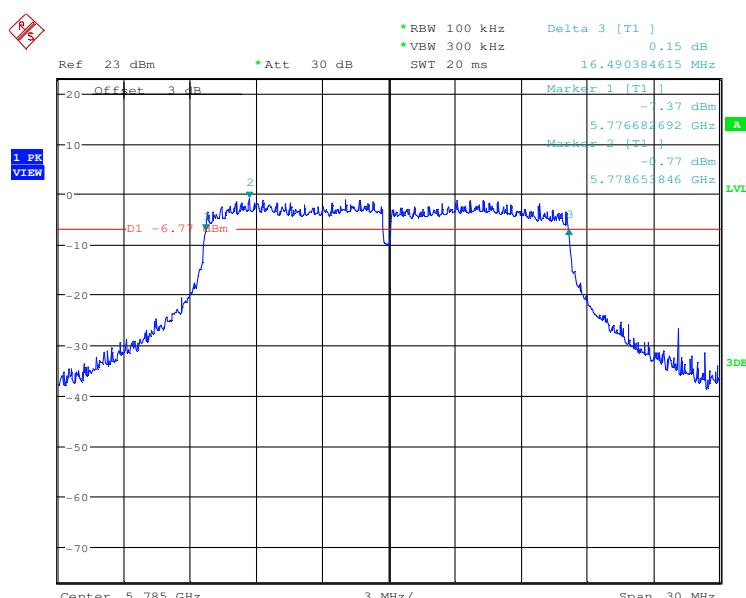
Wi-Fi 1

Test plot as follows:

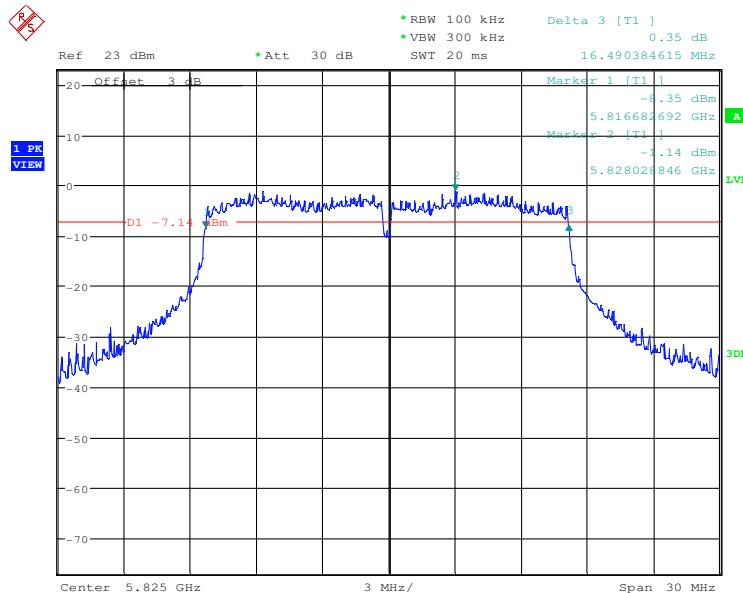
Test mode:	802.11a	Test channel:	149
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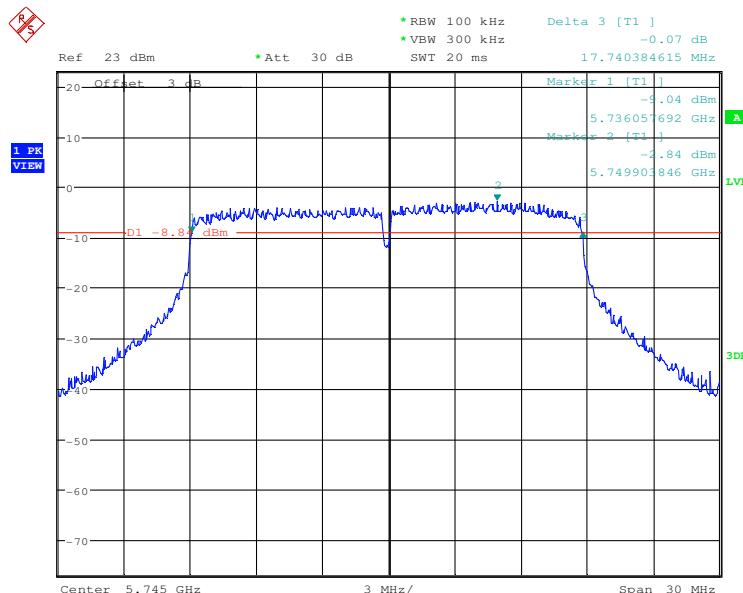
Test mode:	802.11a	Test channel:	157
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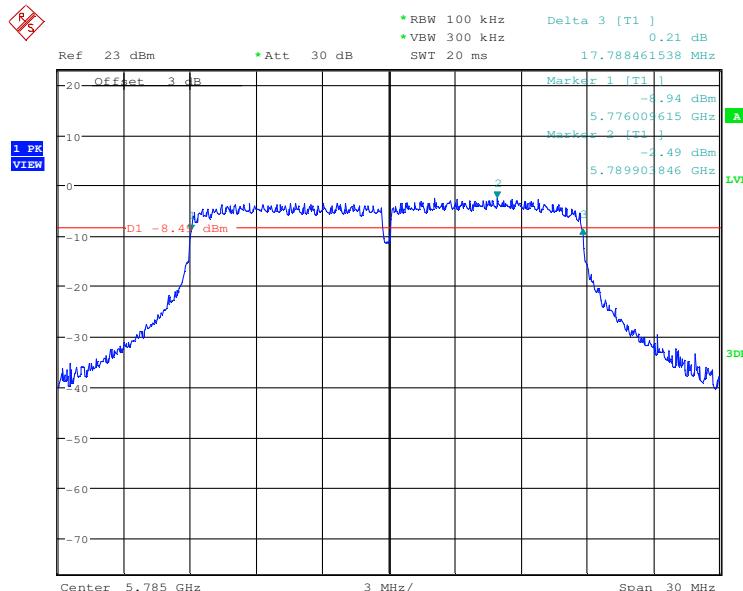
Test mode:	802.11a	Test channel:	165
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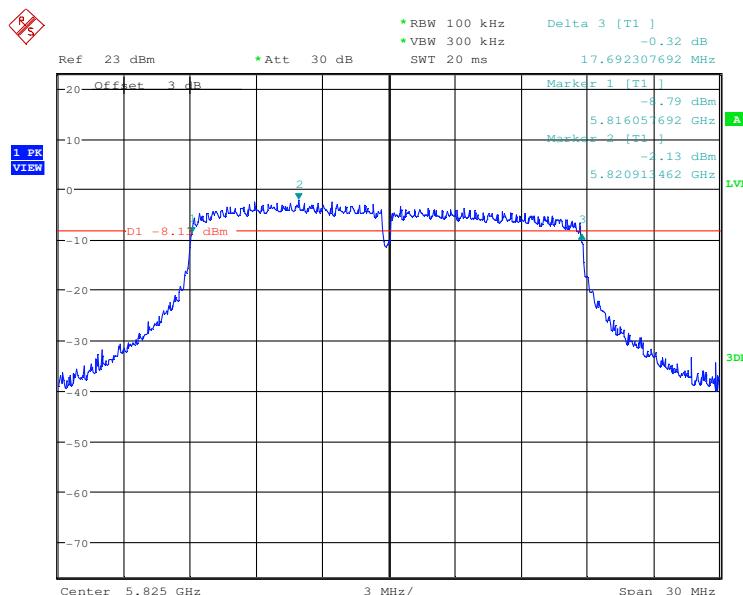
Test mode:	802.11n(HT20)	Test channel:	149
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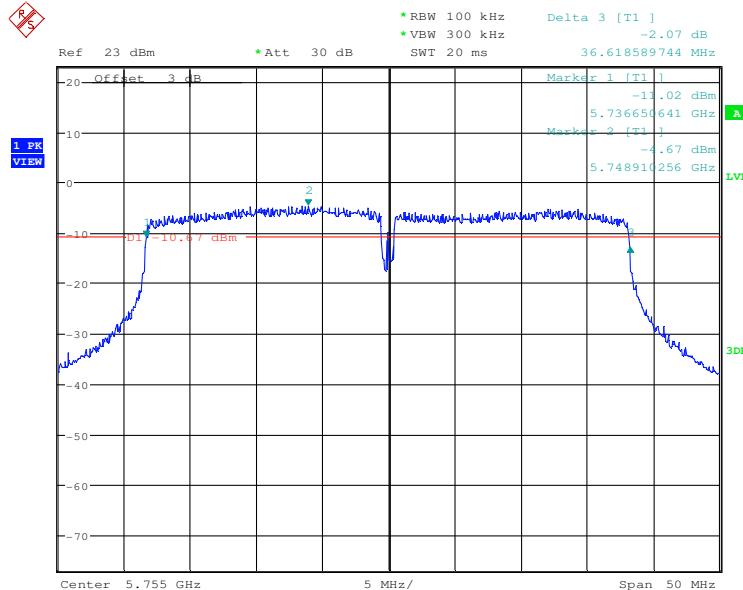
Test mode:	802.11n(HT20)	Test channel:	157
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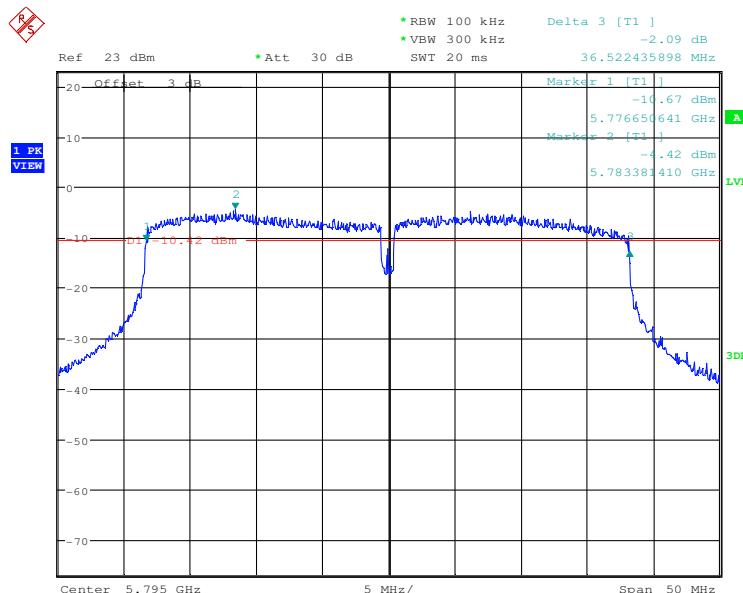
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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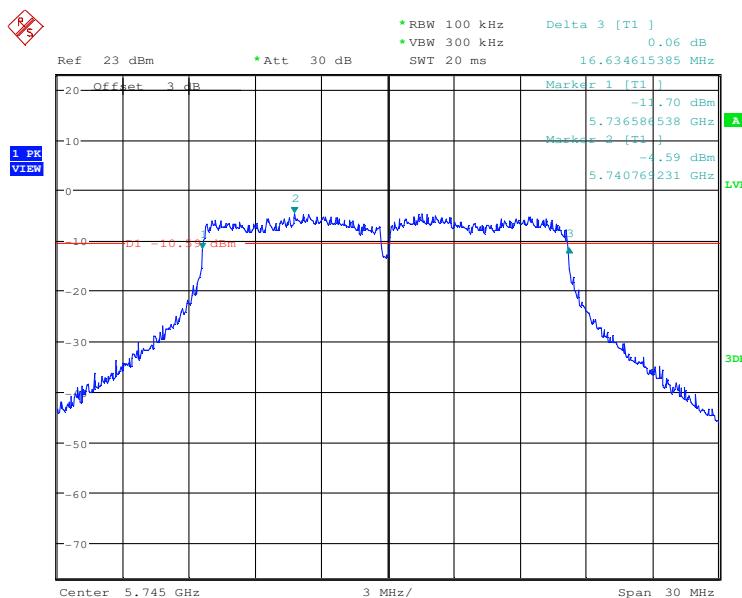


Test mode:	802.11n(HT40)	Test channel:	159
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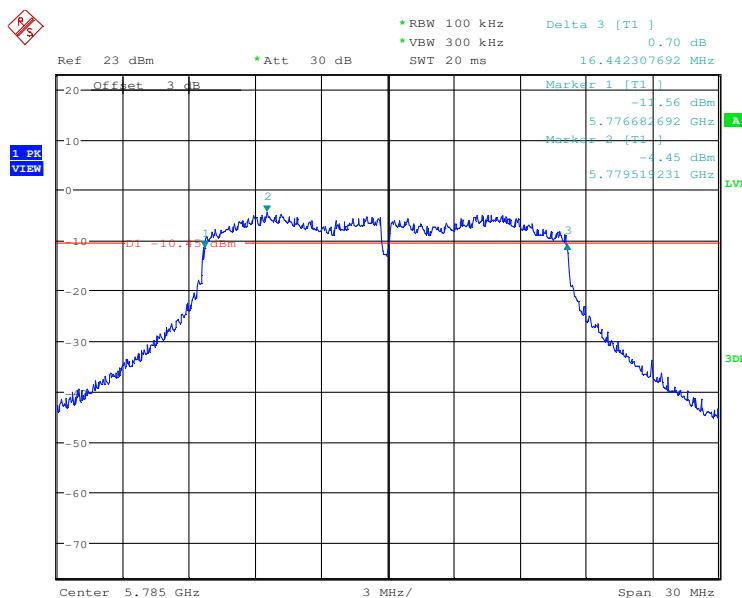


Wi-Fi 2
Test plot as follows:

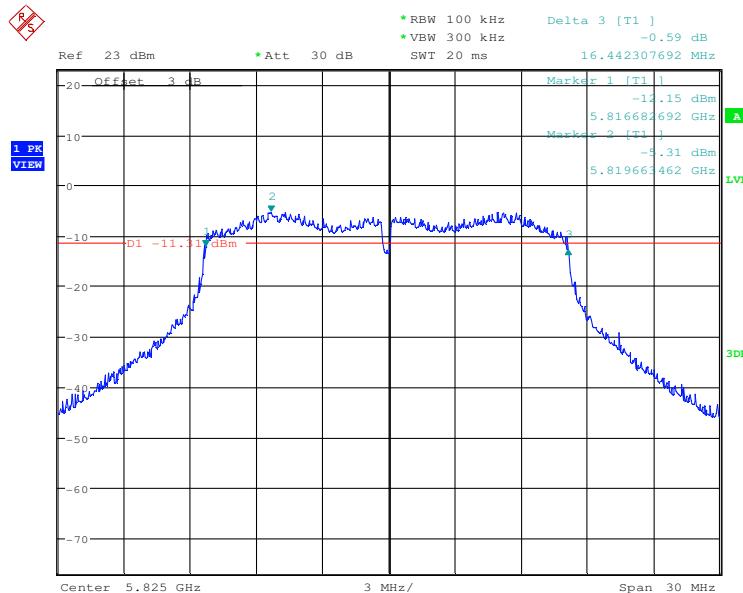
Test mode:	802.11a	Test channel:	149
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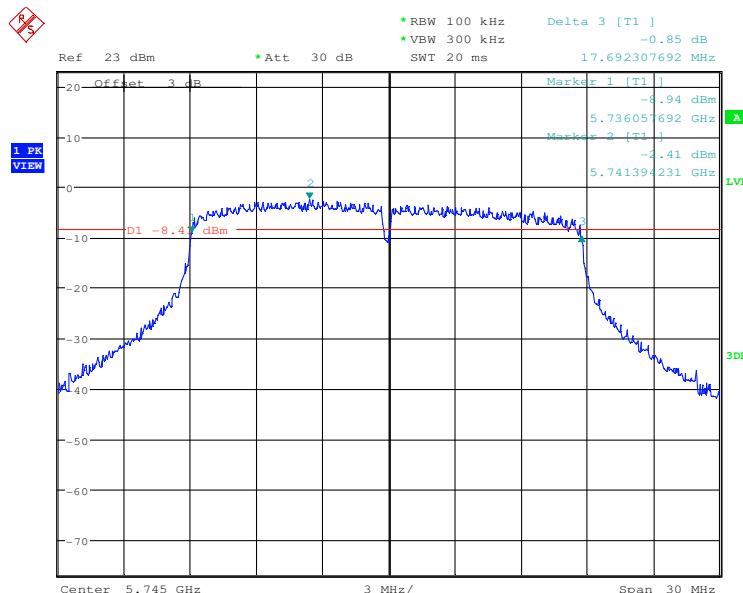
Test mode:	802.11a	Test channel:	157
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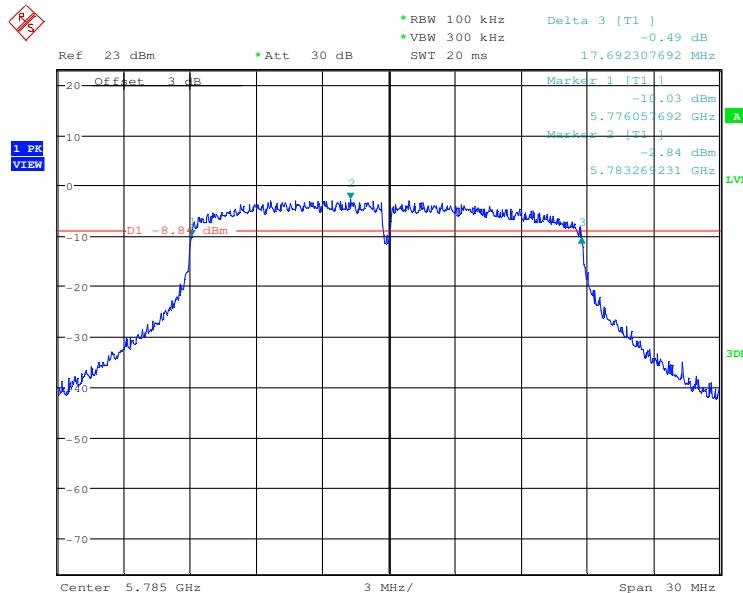
Test mode:	802.11a	Test channel:	165
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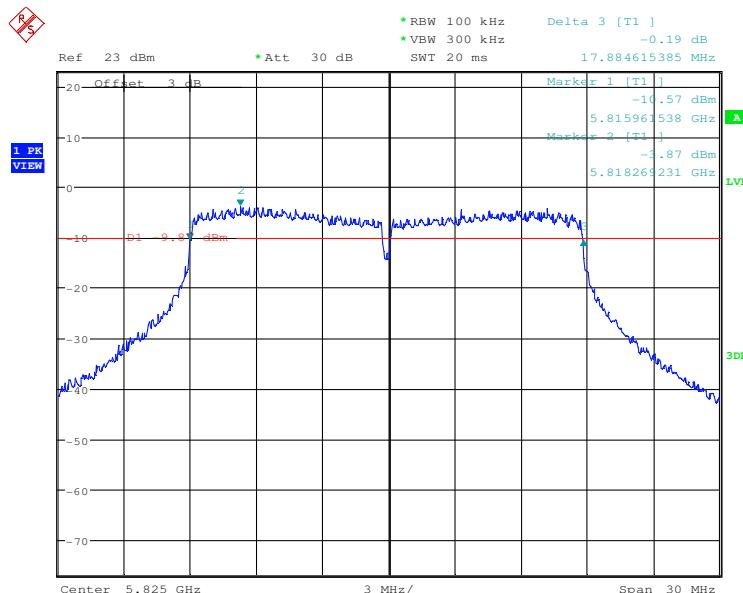
Test mode:	802.11n(HT20)	Test channel:	149
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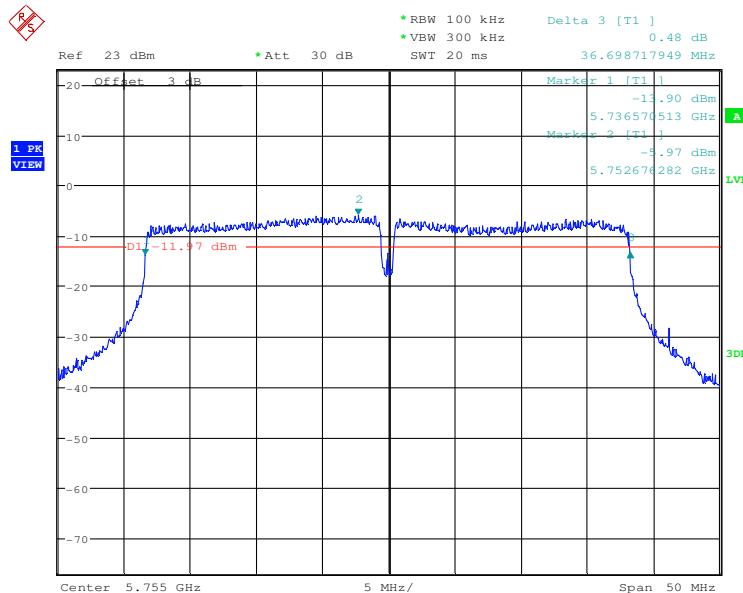
Test mode:	802.11n(HT20)	Test channel:	157
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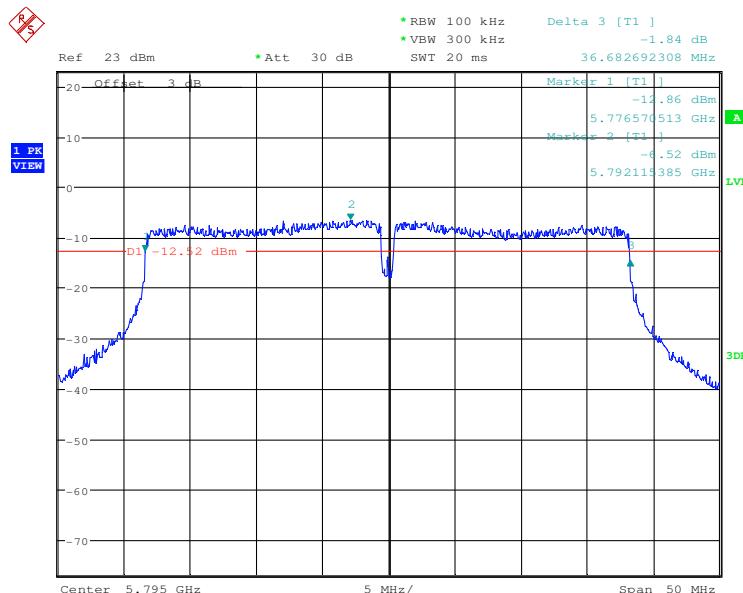
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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Test mode:	802.11n(HT40)	Test channel:	159
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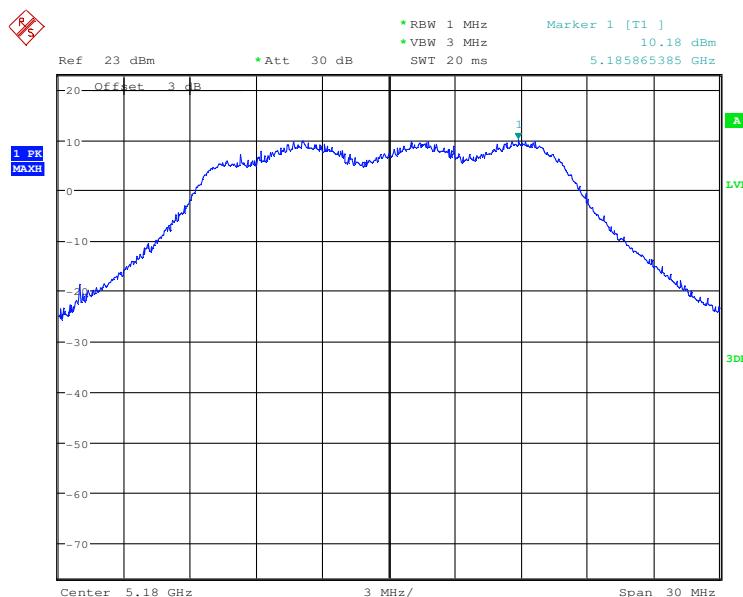
3.5 Power Spectral Density

Wi-Fi 1

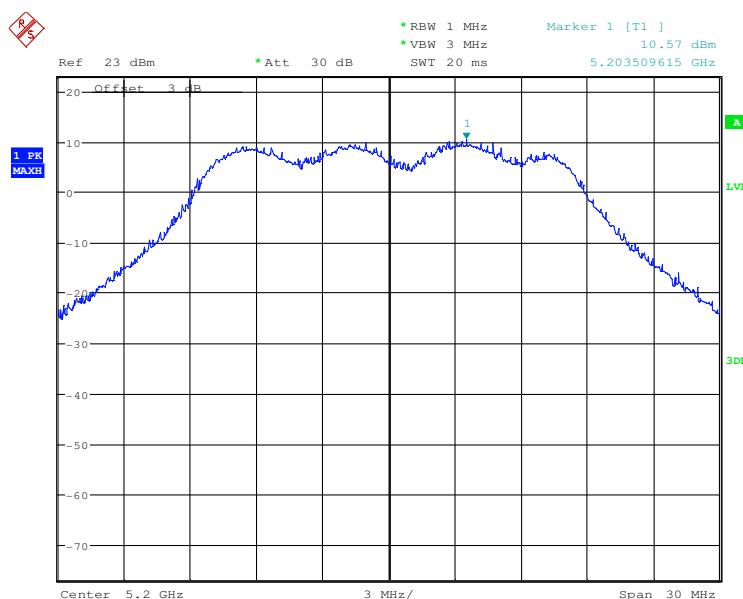
Test plot as follows:

Antenna 1

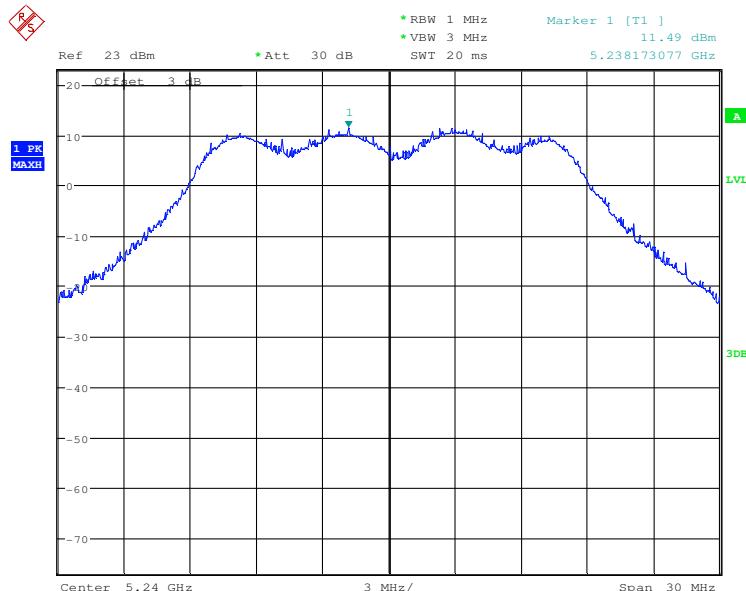
Test mode:	802.11a	Test channel:	36
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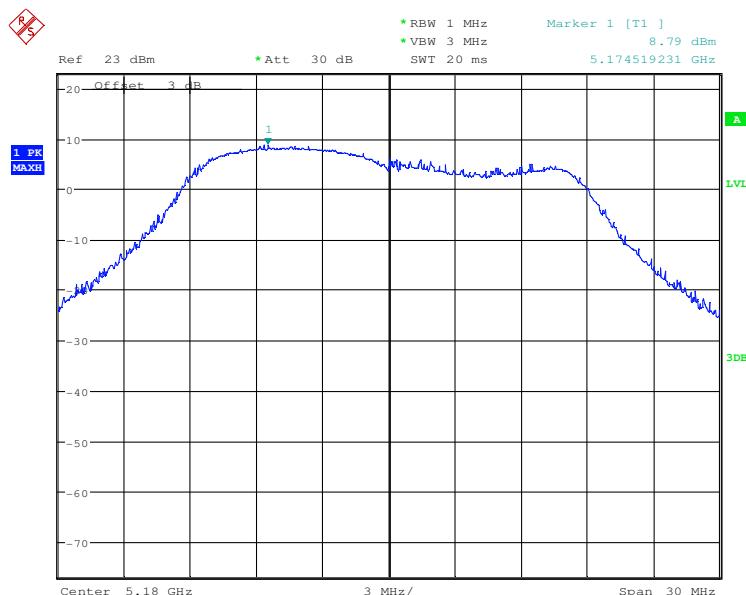
Test mode:	802.11a	Test channel:	40
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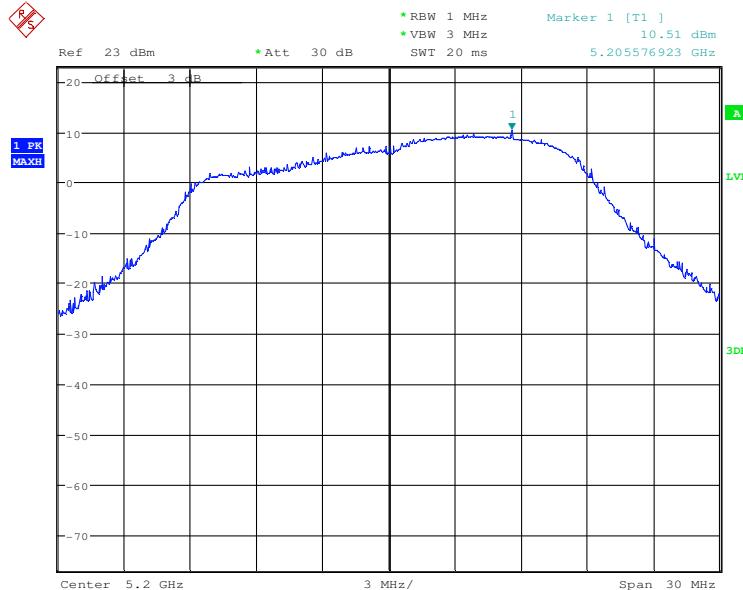
Test mode:	802.11a	Test channel:	48
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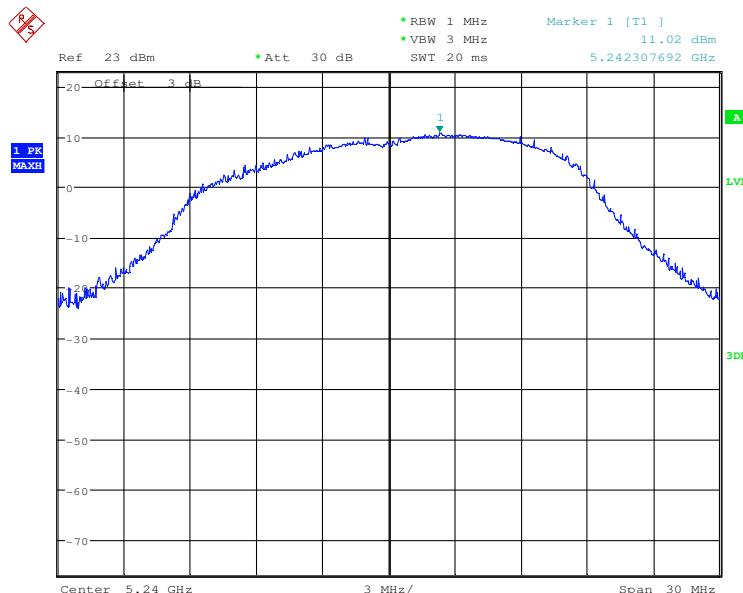
Test mode:	802.11n(HT20)	Test channel:	36
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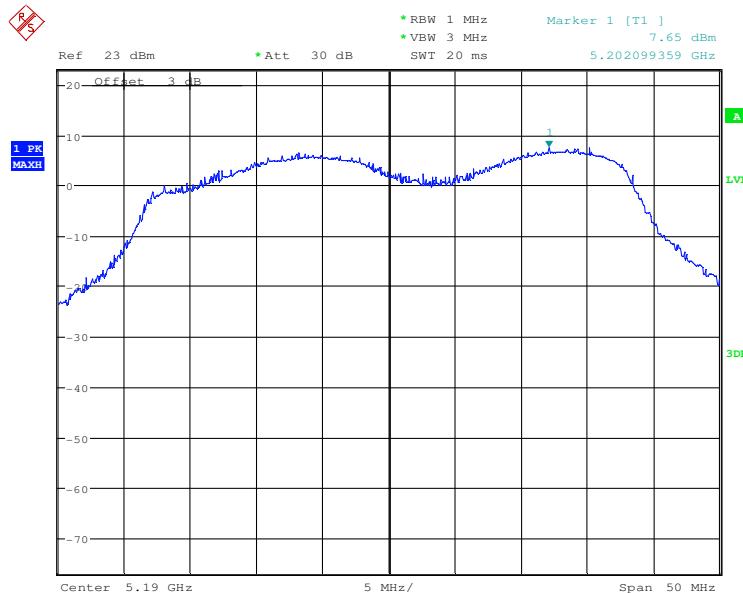
Test mode:	802.11n(HT20)	Test channel:	40
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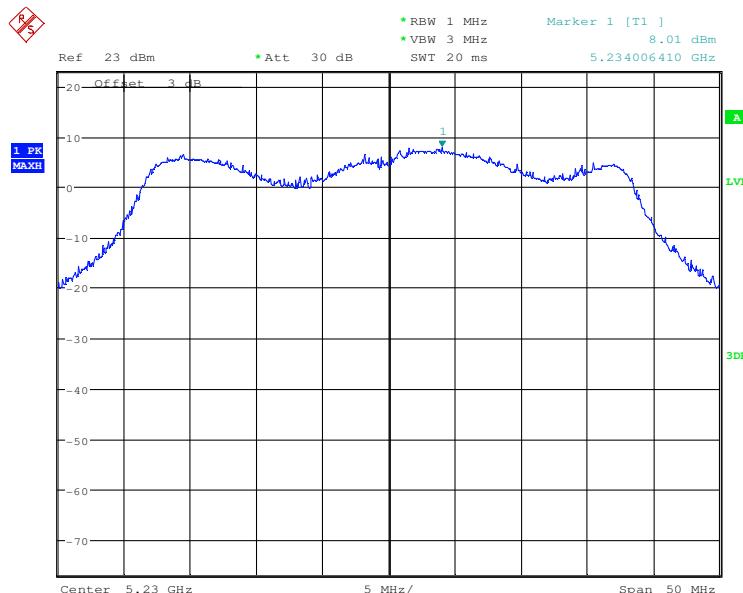
Test mode:	802.11n(HT20)	Test channel:	48
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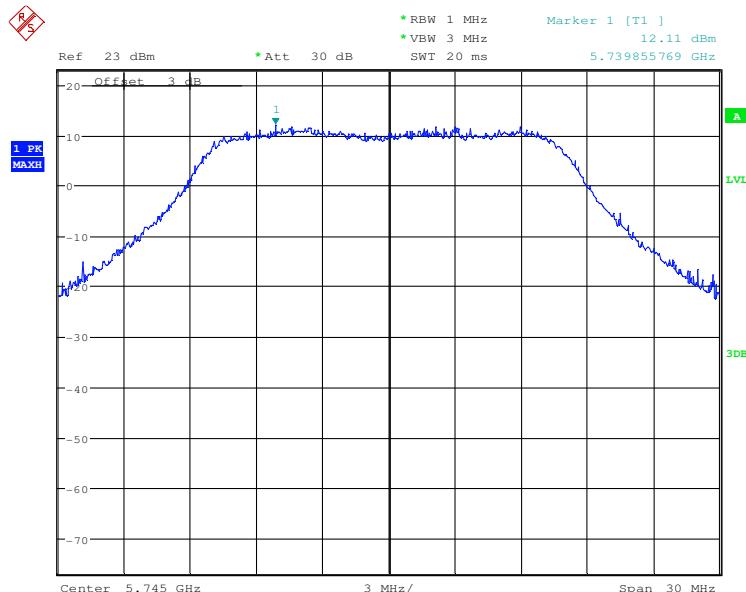
Test mode:	802.11n(HT40)	Test channel:	38
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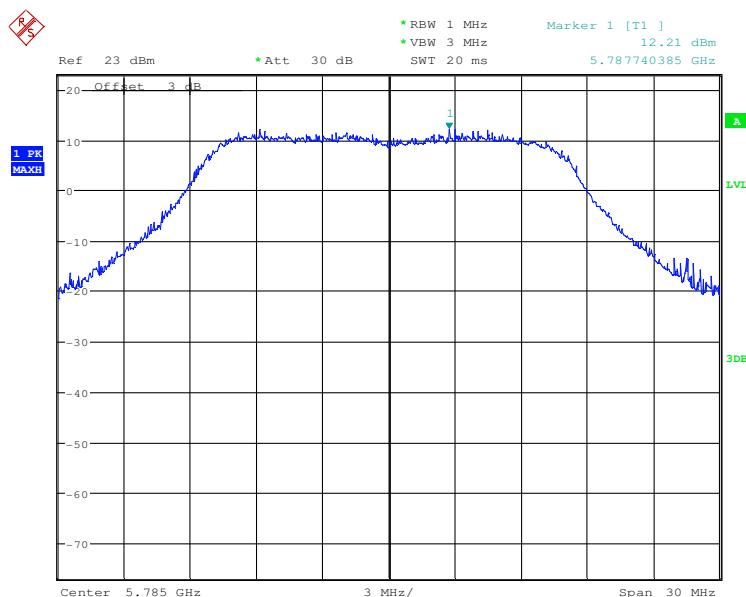
Test mode:	802.11n(HT40)	Test channel:	46
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Test mode:	802.11a	Test channel:	149
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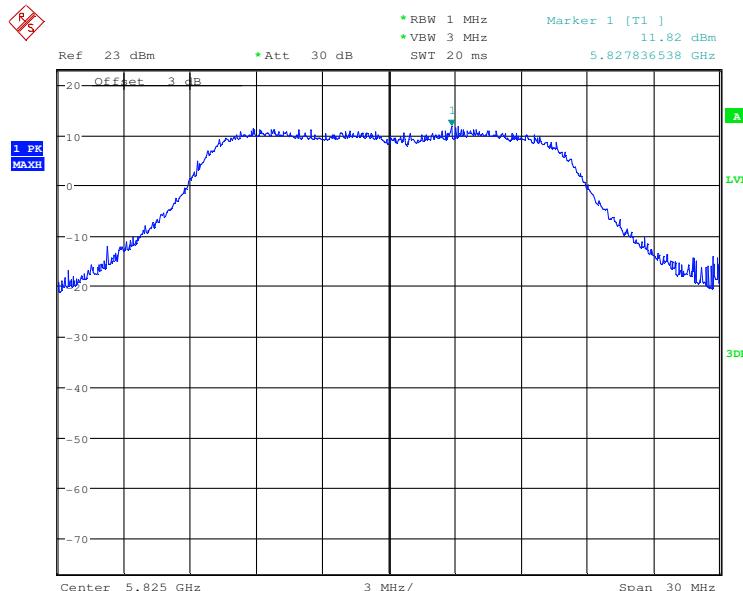


Test mode:	802.11a	Test channel:	157
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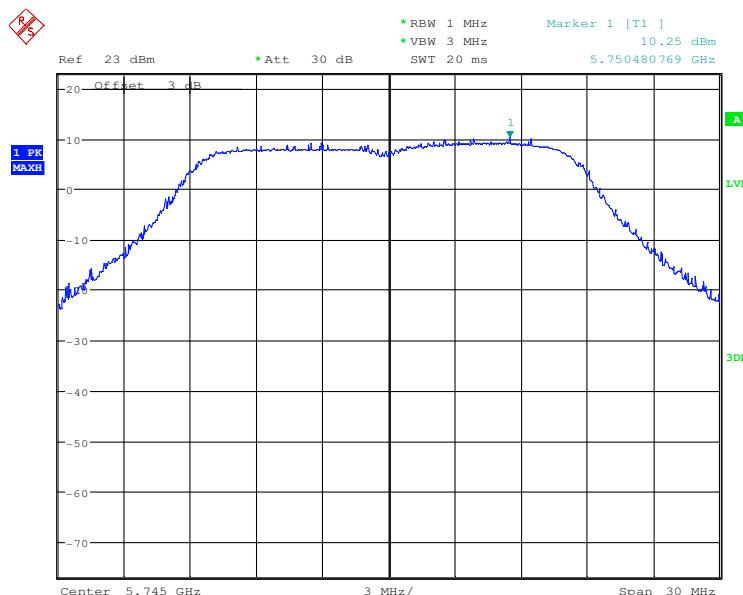


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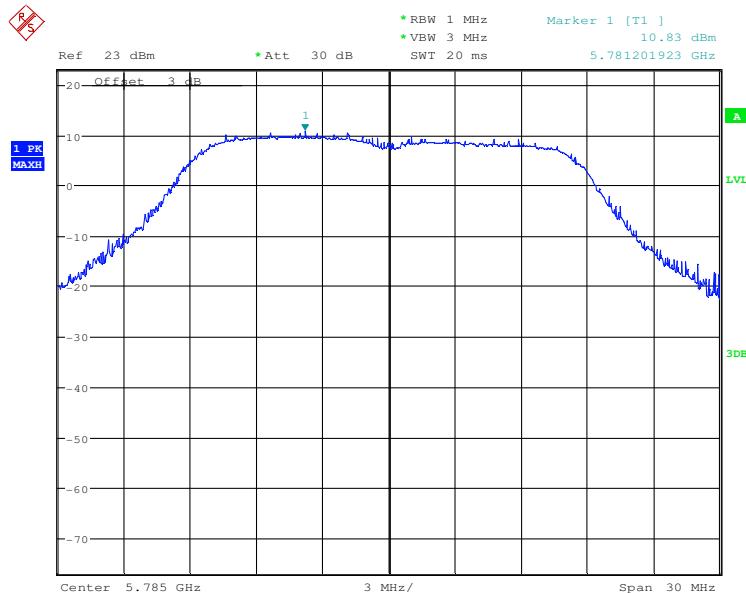
Test mode:	802.11a	Test channel:	165
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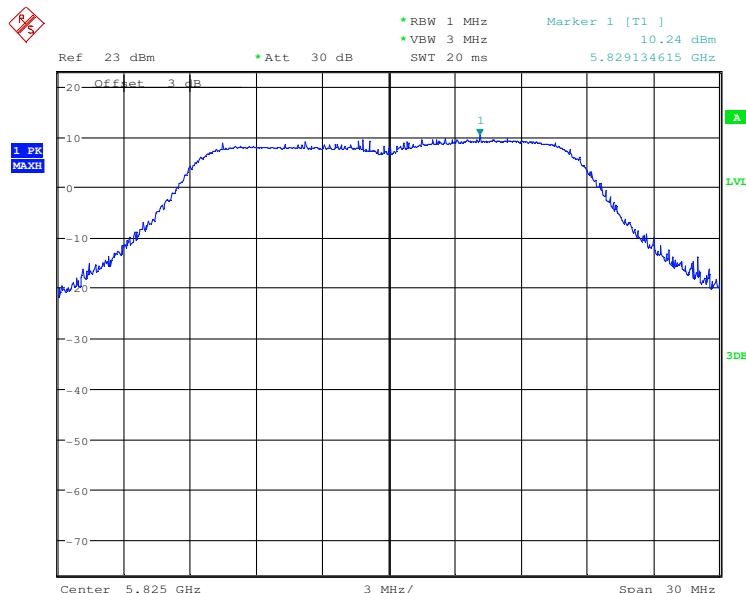
Test mode:	802.11n(HT20)	Test channel:	149
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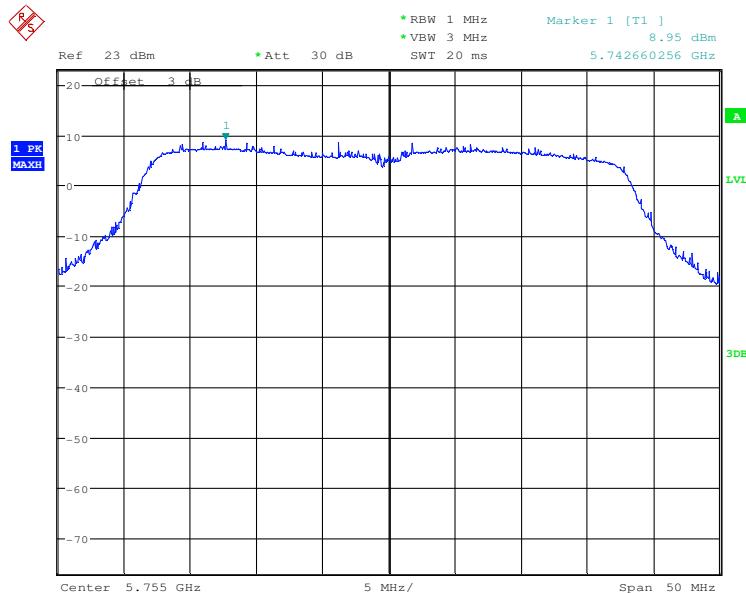
Test mode:	802.11n(HT20)	Test channel:	157
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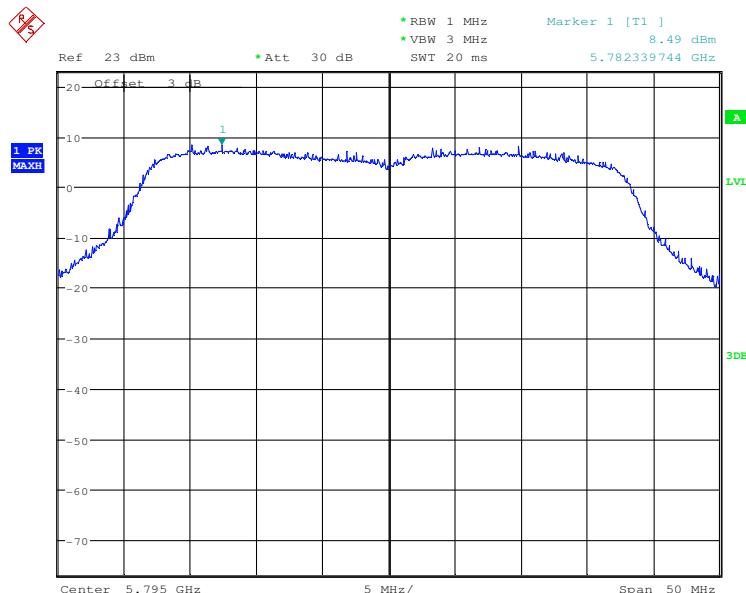
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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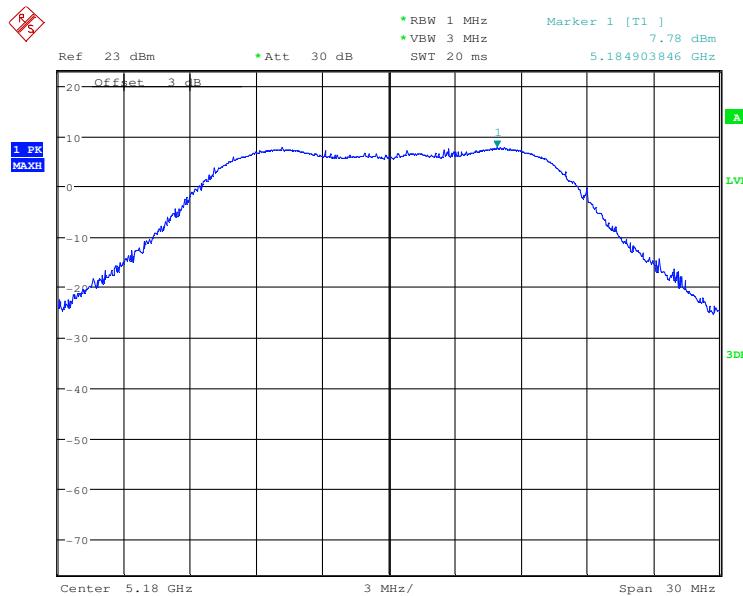


Test mode:	802.11n(HT40)	Test channel:	159
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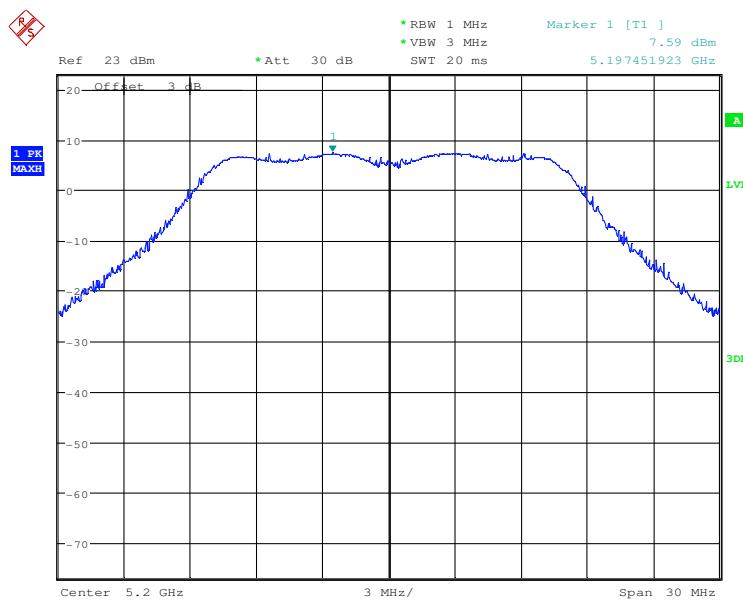


Antenna 2

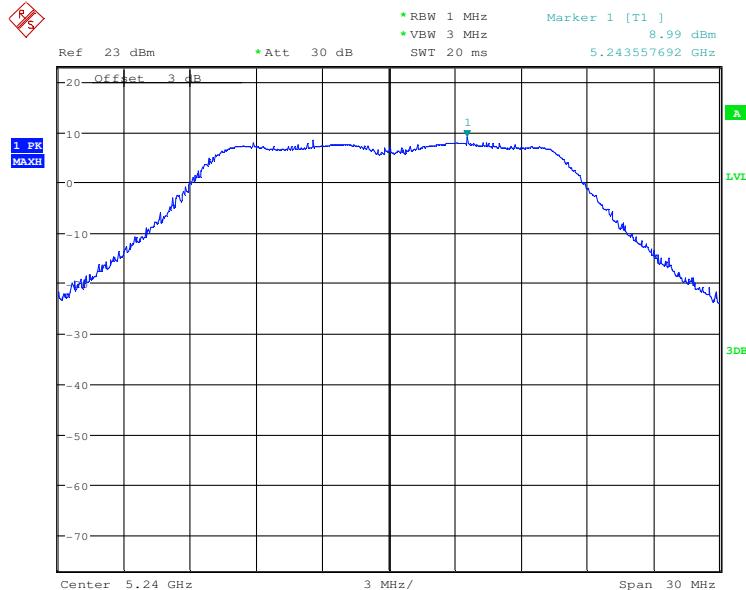
Test mode:	802.11a	Test channel:	36
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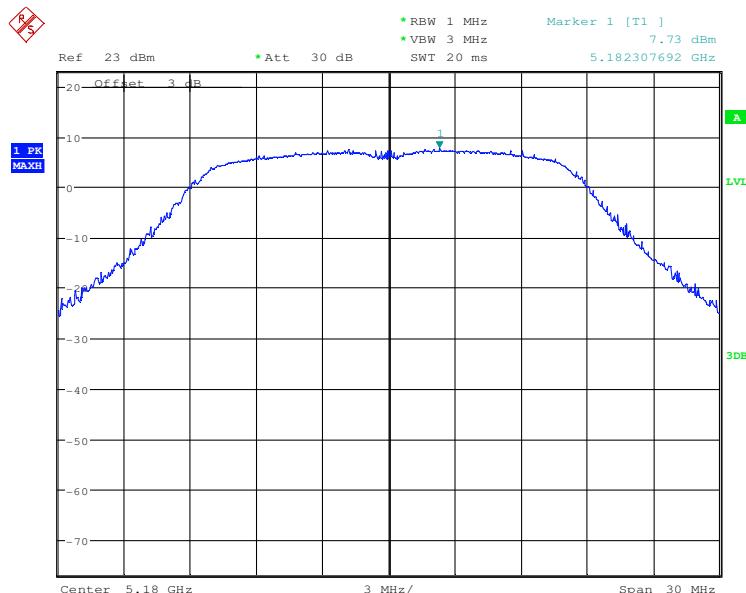
Test mode:	802.11a	Test channel:	40
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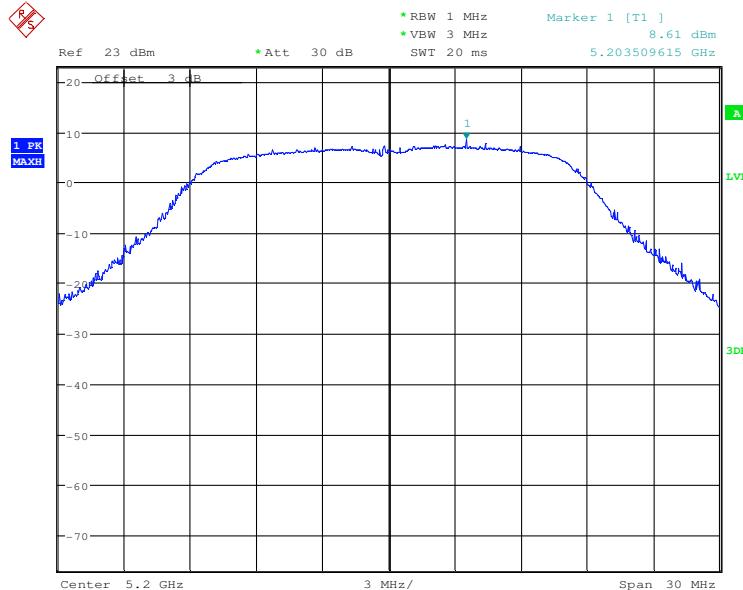
Test mode:	802.11a	Test channel:	48
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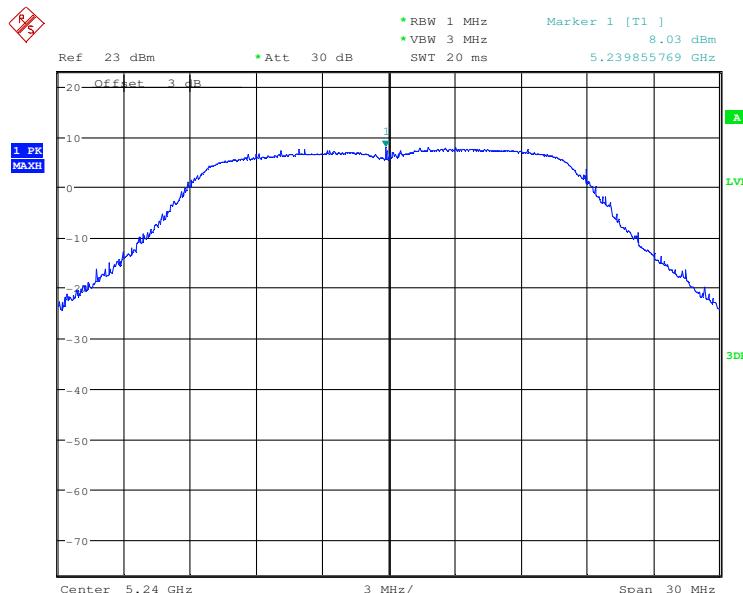
Test mode:	802.11n(HT20)	Test channel:	36
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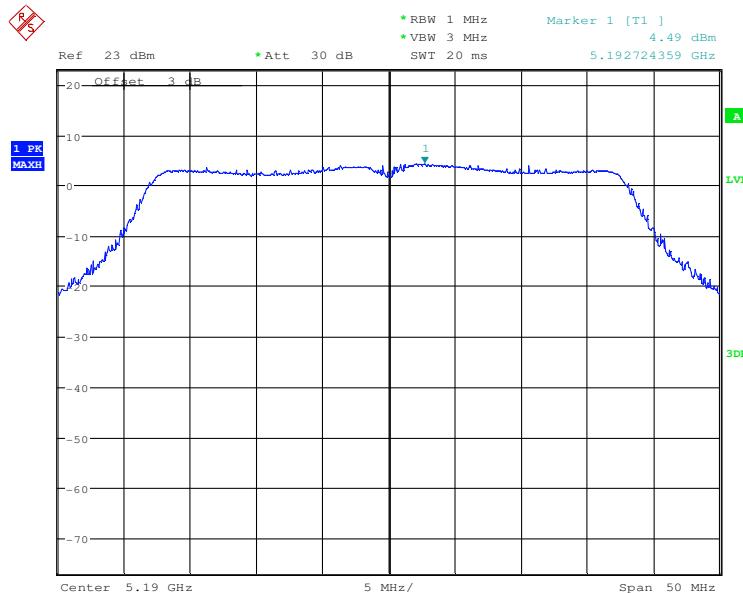
Test mode:	802.11n(HT20)	Test channel:	40
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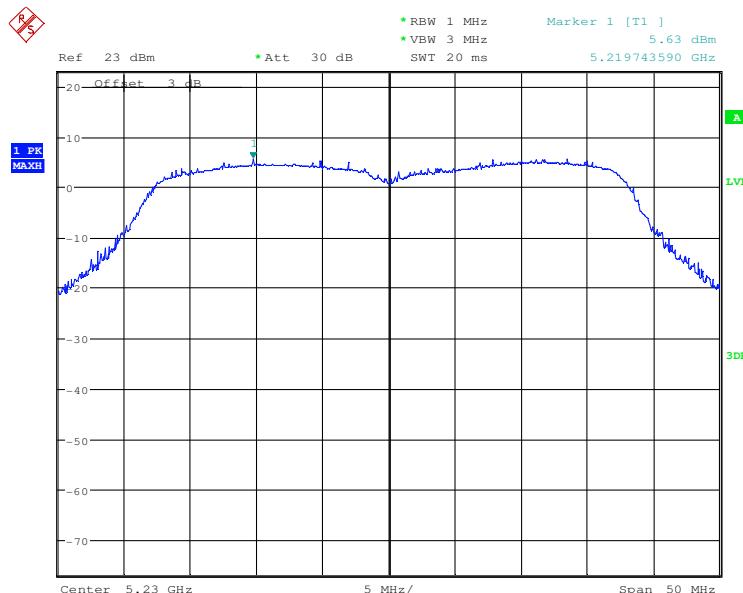
Test mode:	802.11n(HT20)	Test channel:	48
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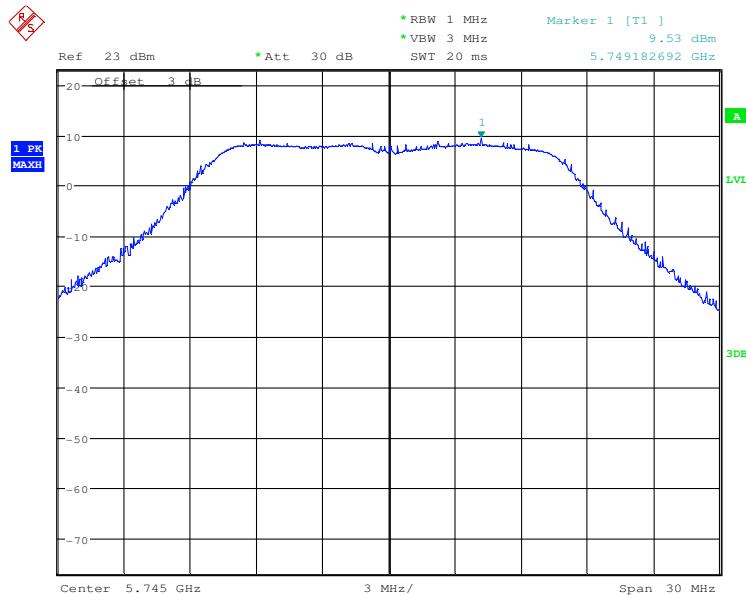
Test mode:	802.11n(HT40)	Test channel:	38
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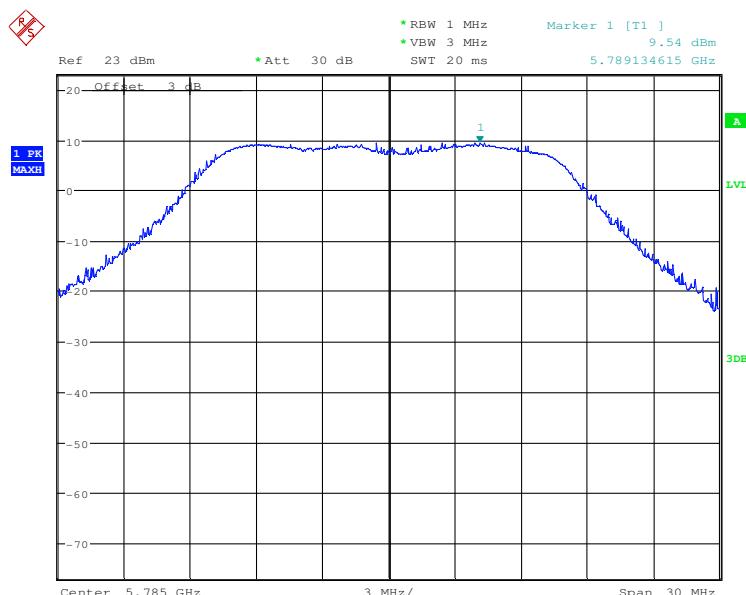
Test mode:	802.11n(HT40)	Test channel:	46
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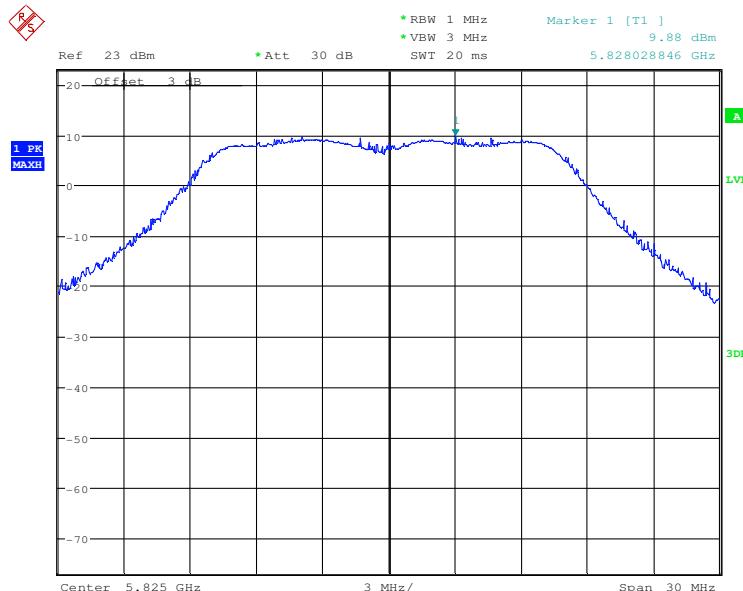
Test mode:	802.11a	Test channel:	149
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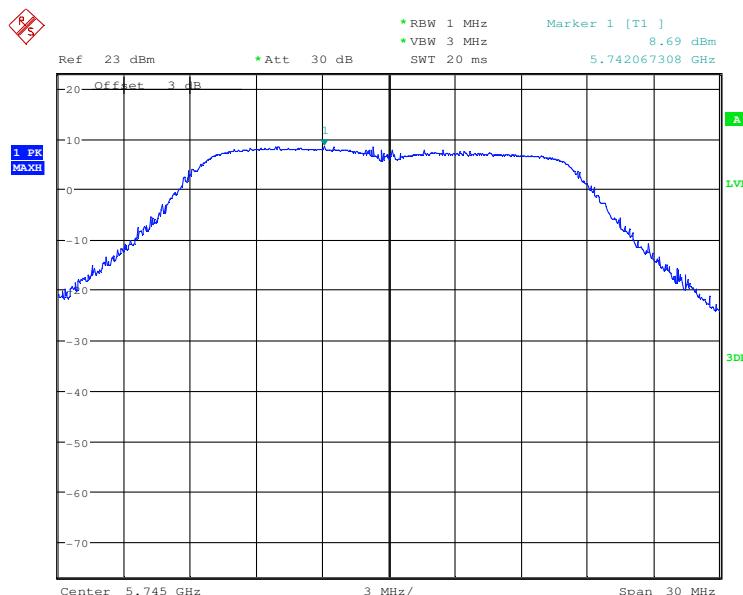
Test mode:	802.11a	Test channel:	157
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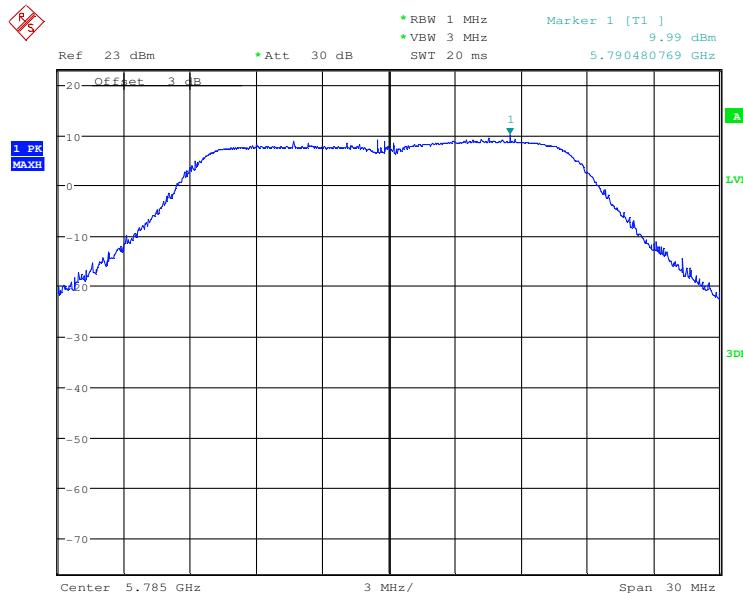
Test mode:	802.11a	Test channel:	165
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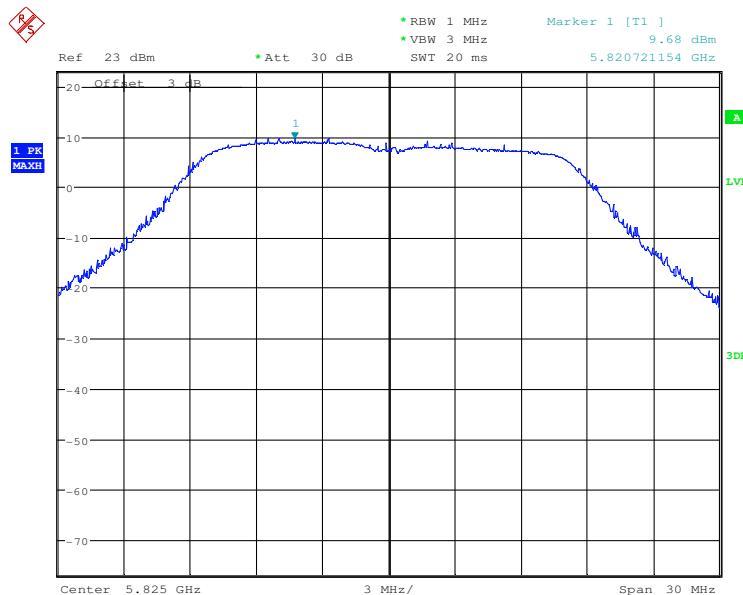
Test mode:	802.11n(HT20)	Test channel:	149
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Test mode:	802.11n(HT20)	Test channel:	157
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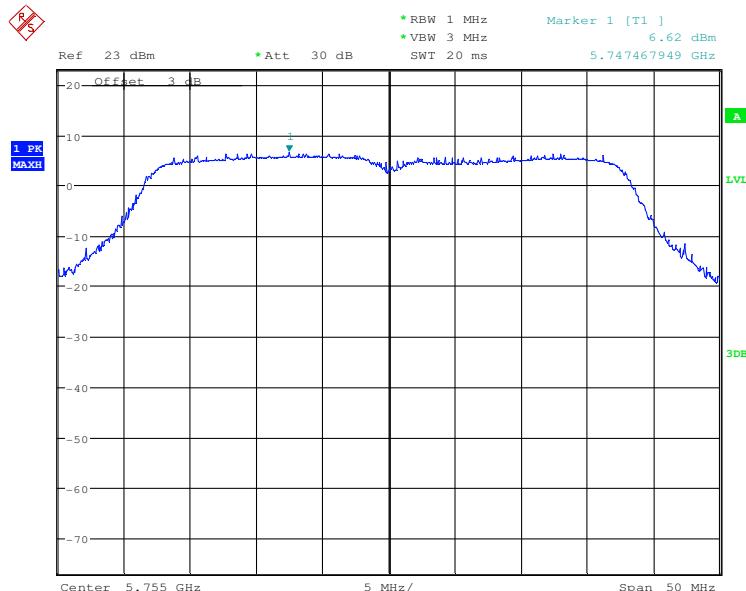


Test mode:	802.11n(HT20)	Test channel:	165
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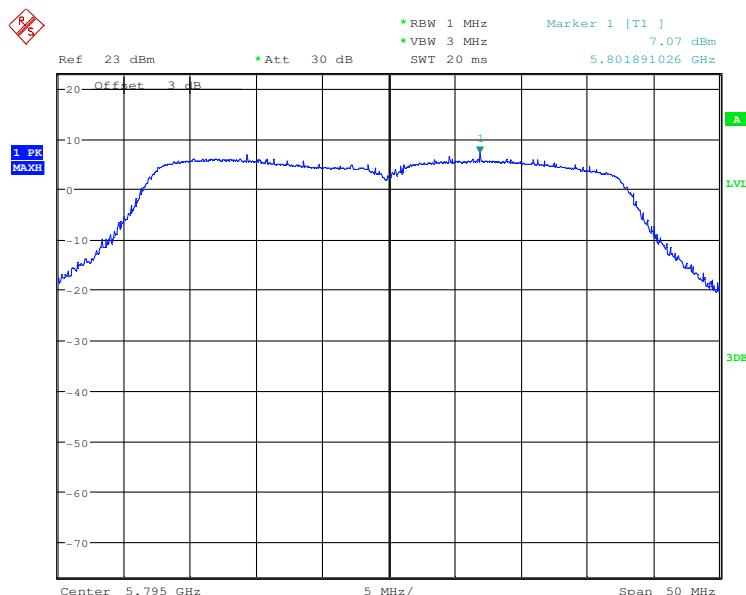


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Test mode:	802.11n(HT40)	Test channel:	151
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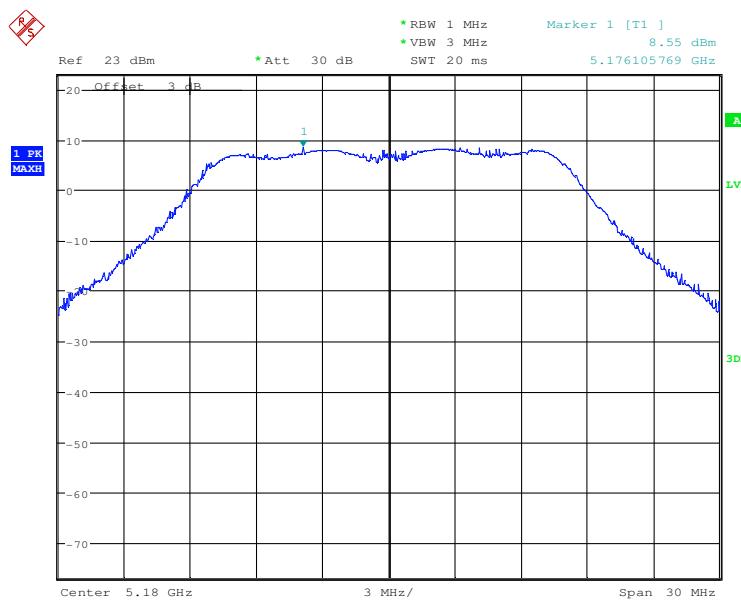


Test mode:	802.11n(HT40)	Test channel:	159
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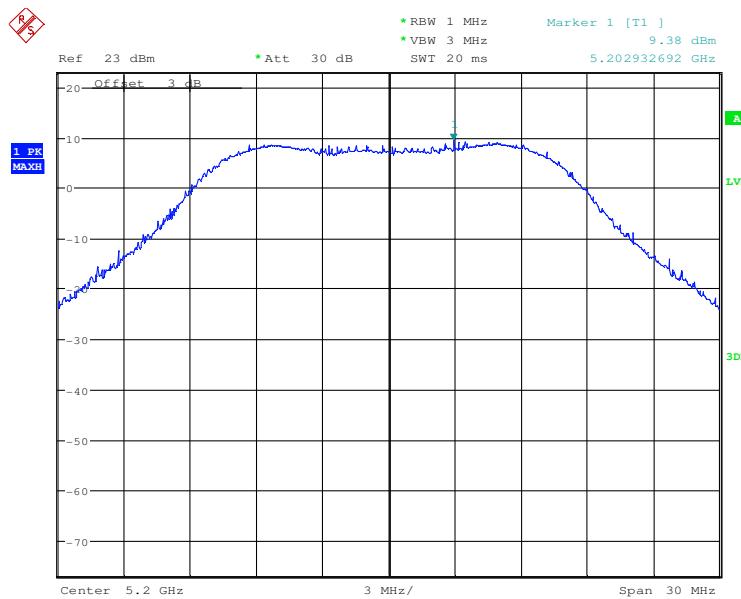


Wi-Fi 2
Test plot as follows:
Antenna 1

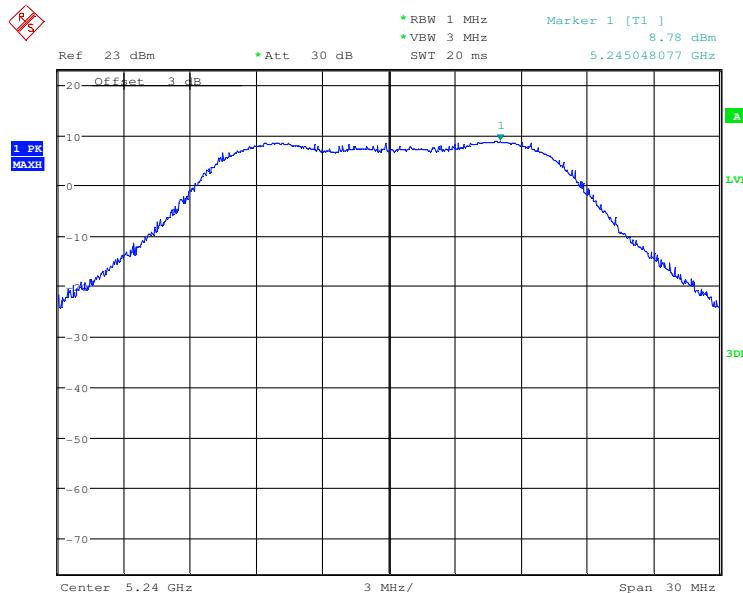
Test mode:	802.11a	Test channel:	36
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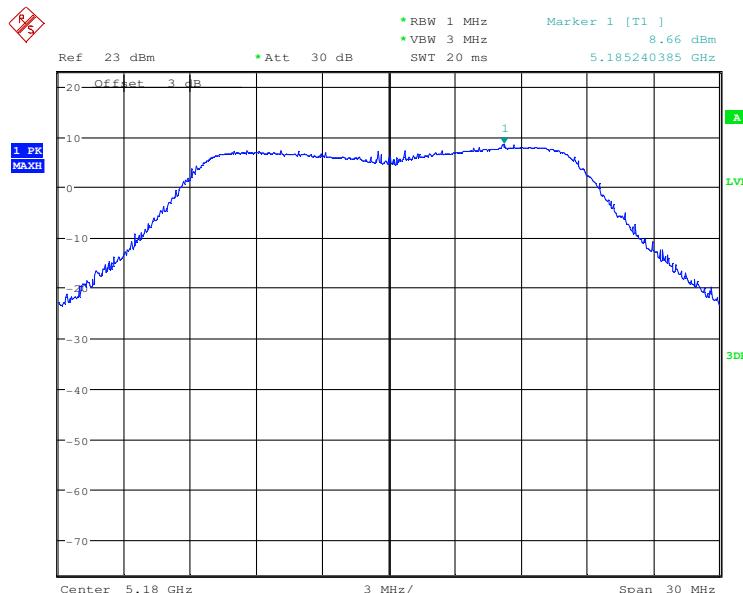
Test mode:	802.11a	Test channel:	40
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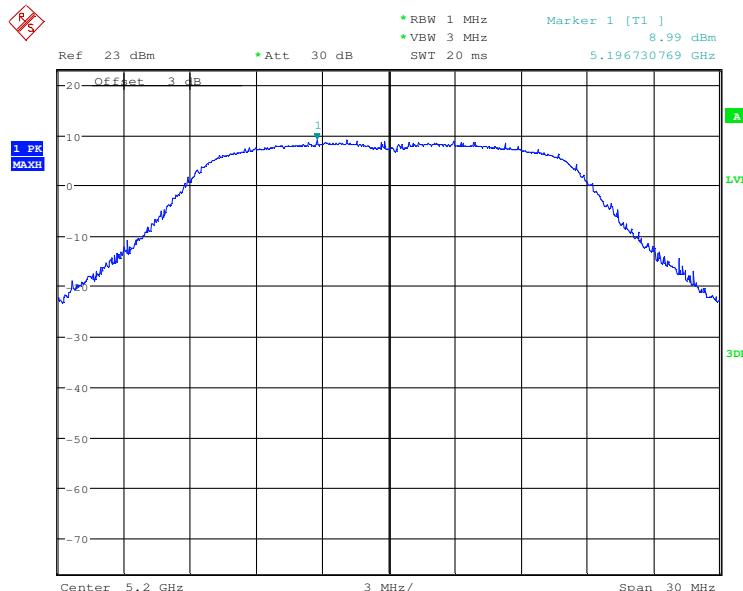
Test mode:	802.11a	Test channel:	48
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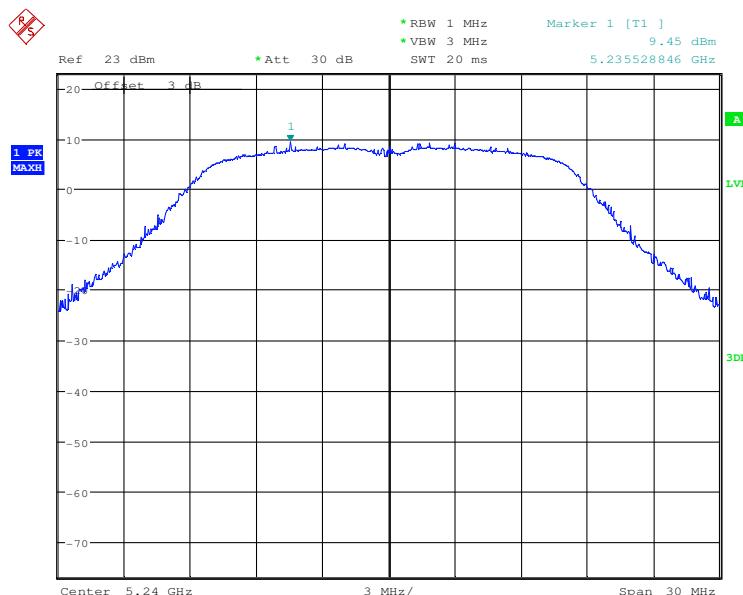
Test mode:	802.11n(HT20)	Test channel:	36
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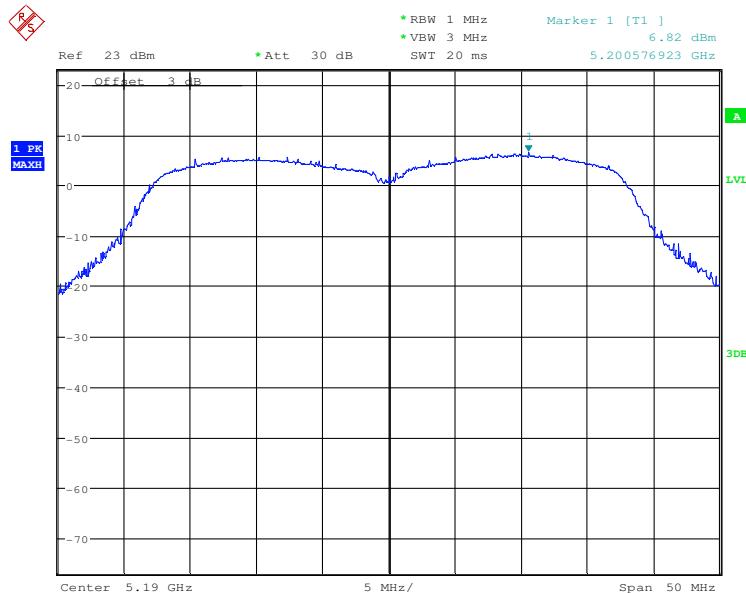
Test mode:	802.11n(HT20)	Test channel:	40
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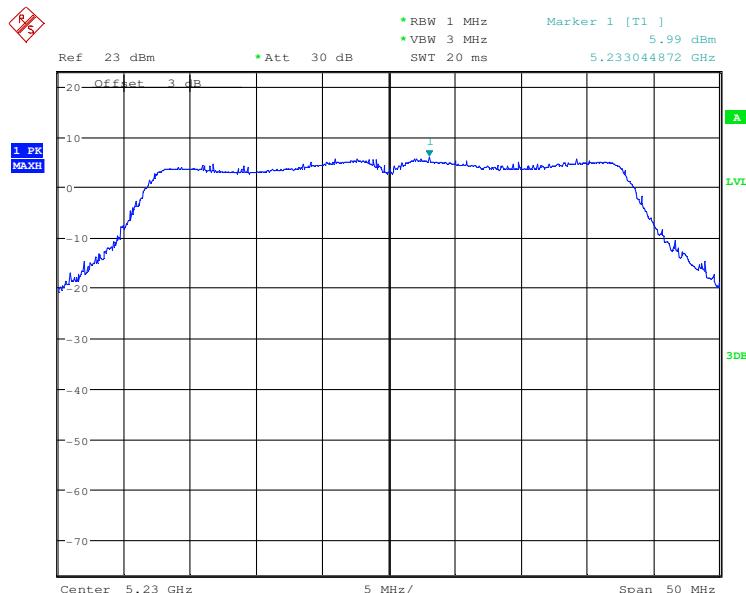
Test mode:	802.11n(HT20)	Test channel:	48
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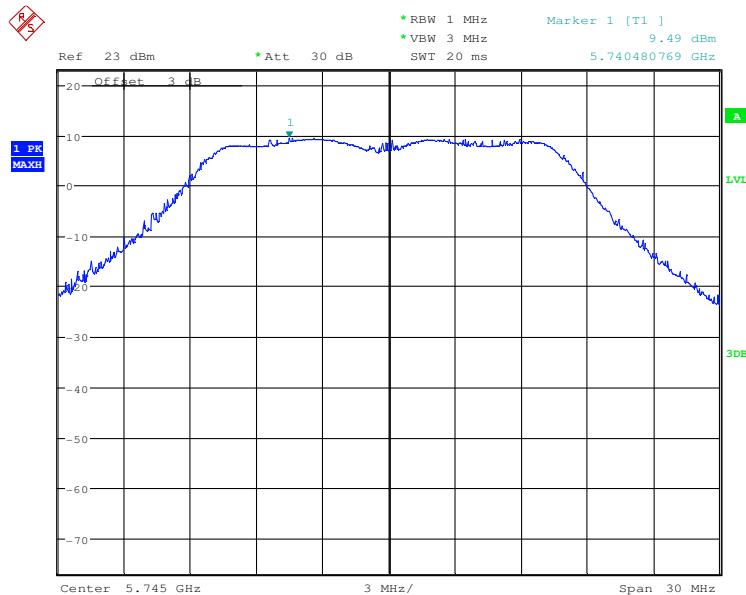
Test mode:	802.11n(HT40)	Test channel:	38
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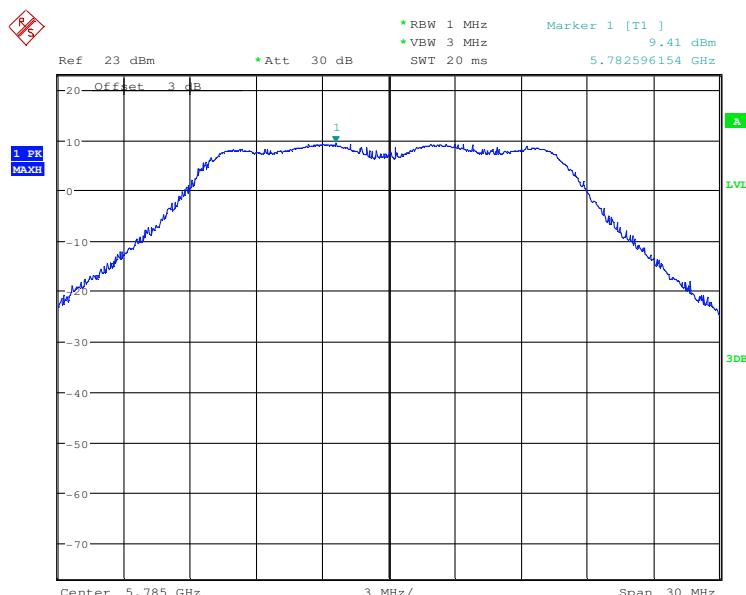
Test mode:	802.11n(HT40)	Test channel:	46
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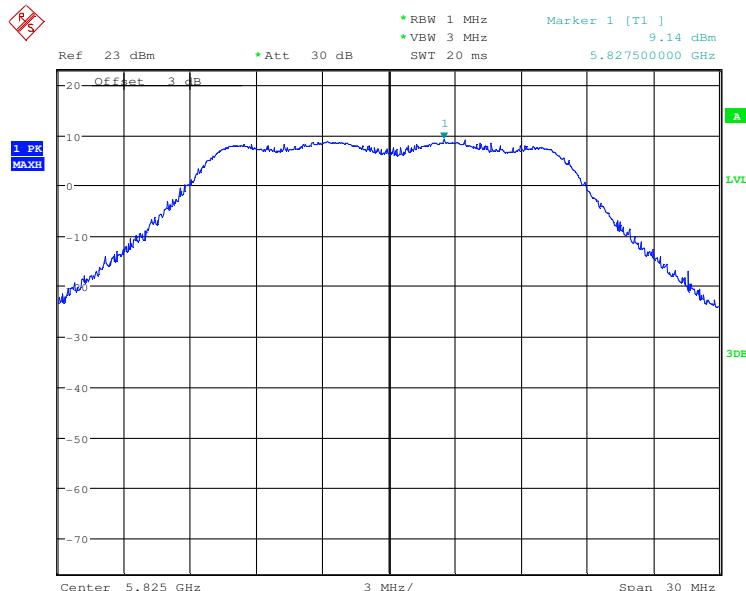
Test mode:	802.11a	Test channel:	149
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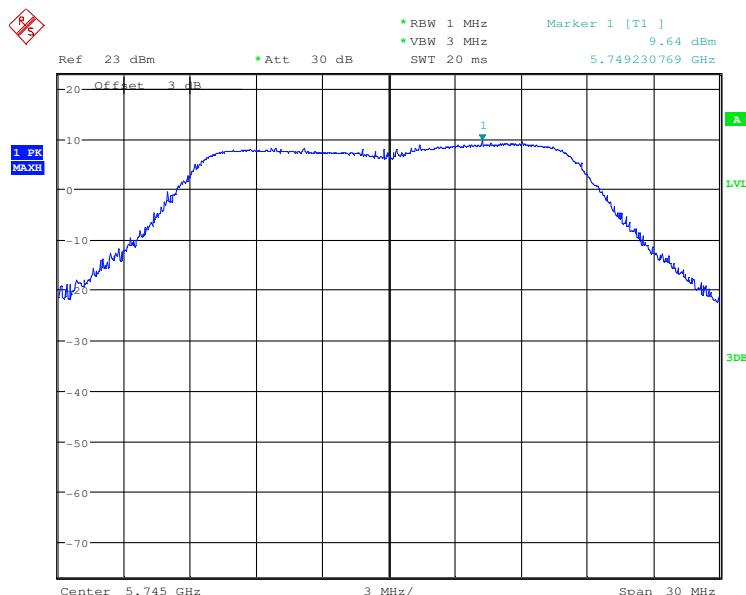
Test mode:	802.11a	Test channel:	157
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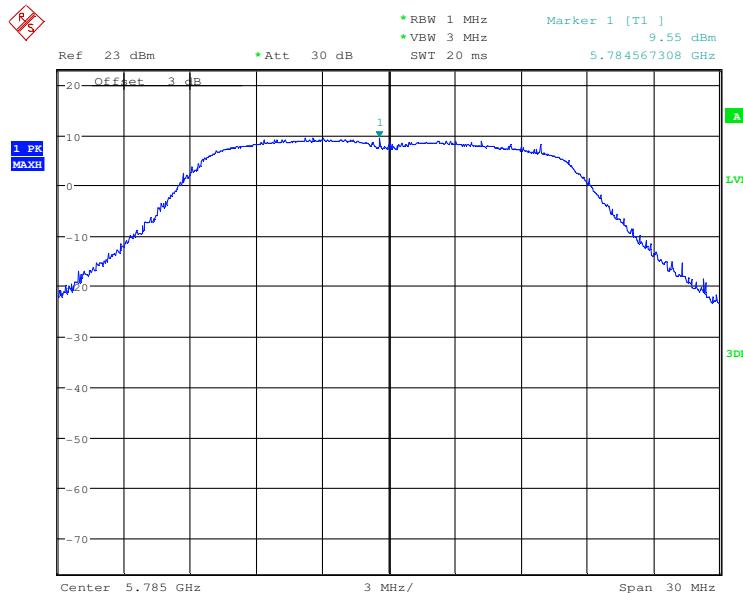
Test mode:	802.11a	Test channel:	165
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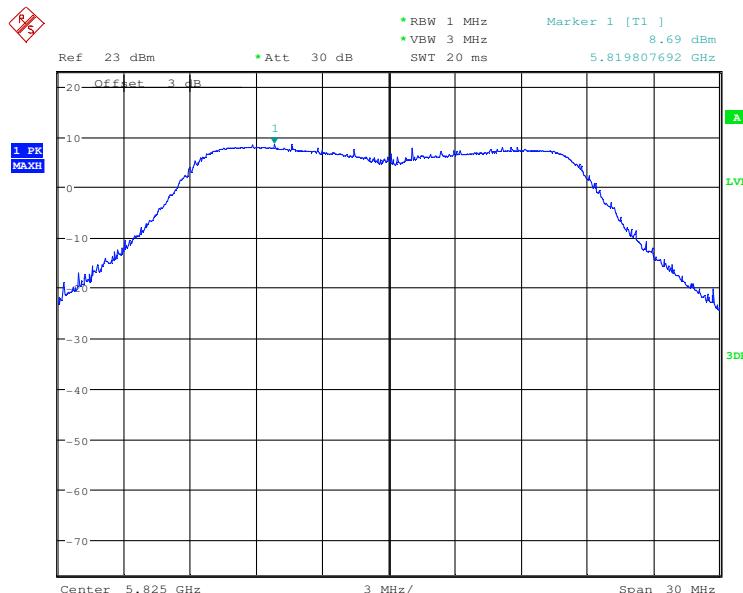
Test mode:	802.11n(HT20)	Test channel:	149
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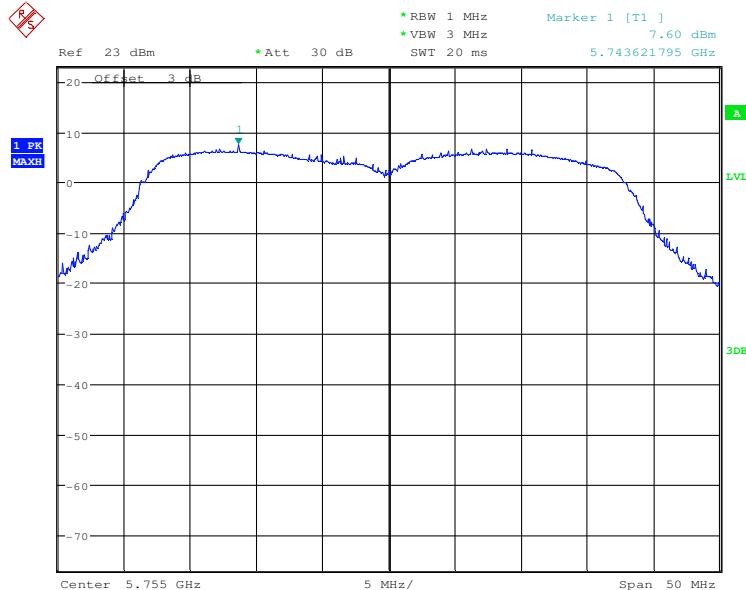
Test mode:	802.11n(HT20)	Test channel:	157
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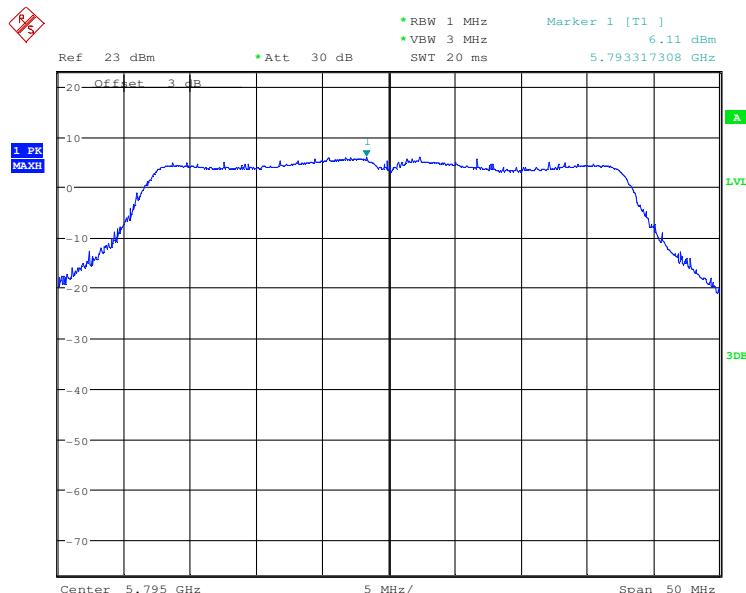
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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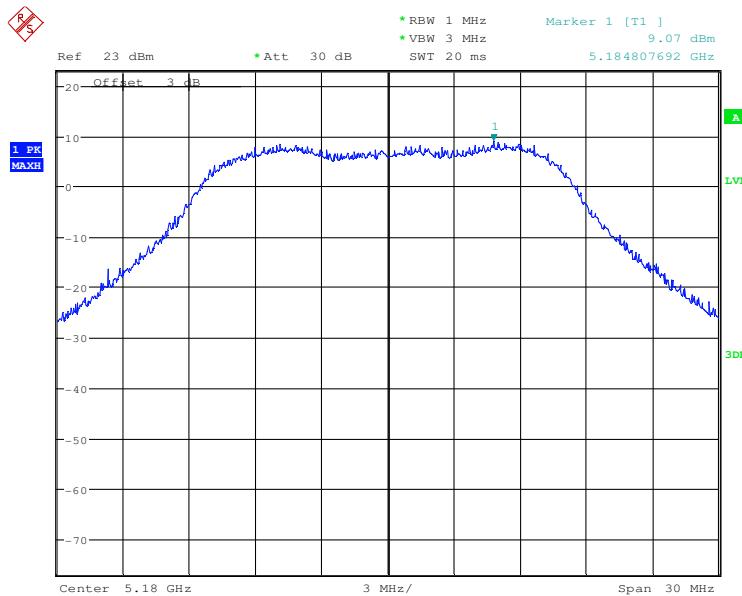


Test mode:	802.11n(HT40)	Test channel:	159
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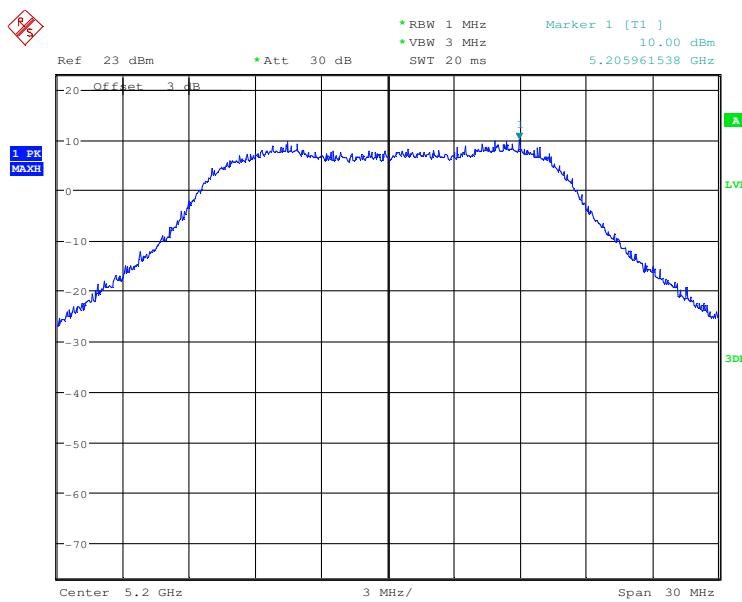


Antenna 2

Test mode:	802.11a	Test channel:	36
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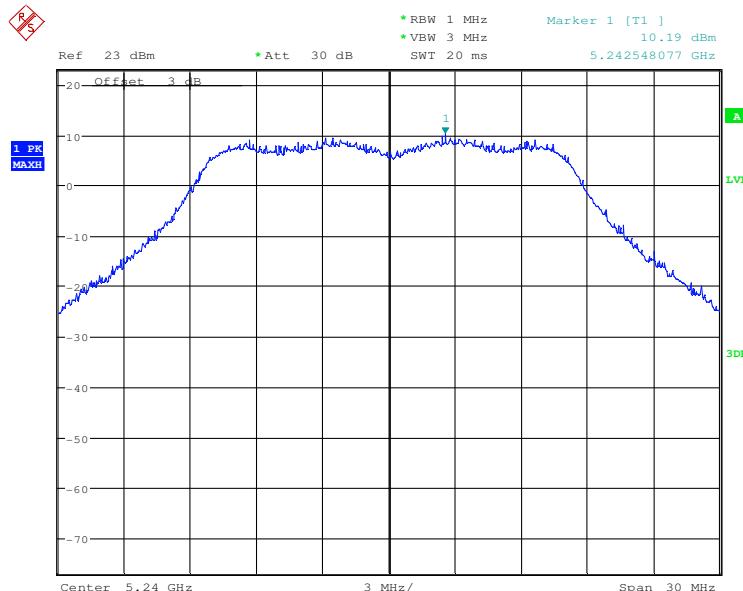


Test mode:	802.11a	Test channel:	40
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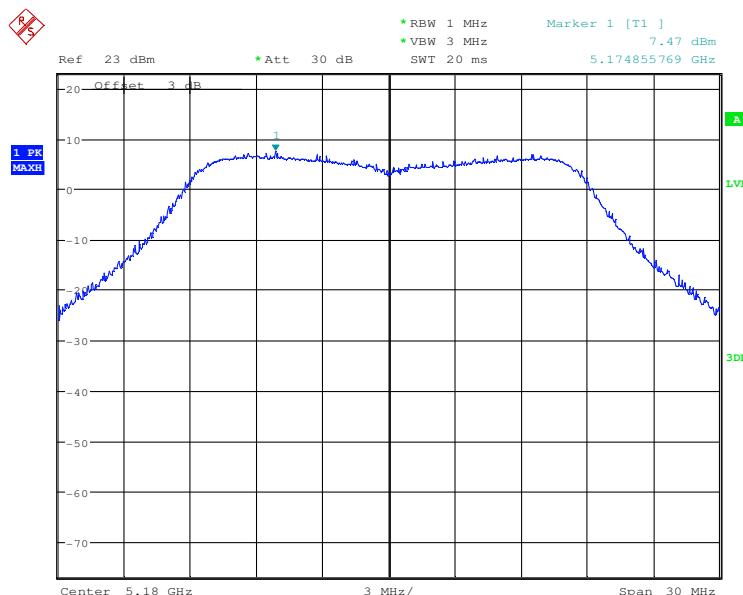


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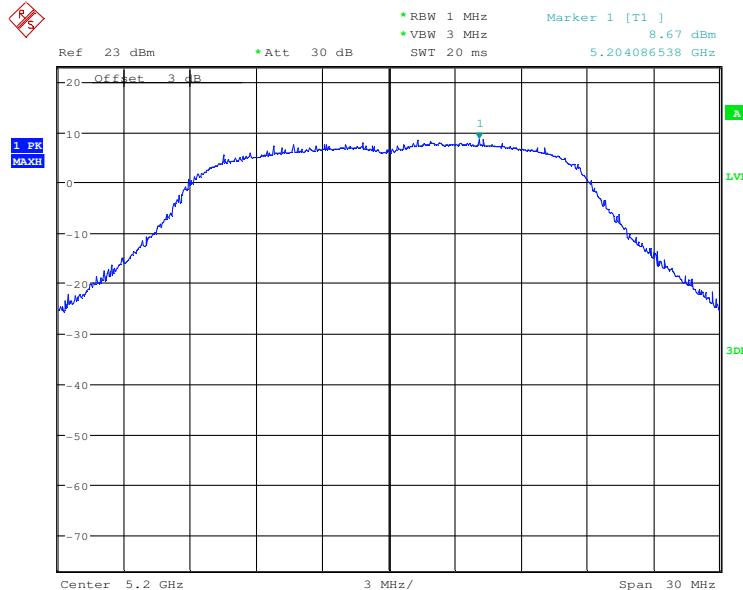
Test mode:	802.11a	Test channel:	48
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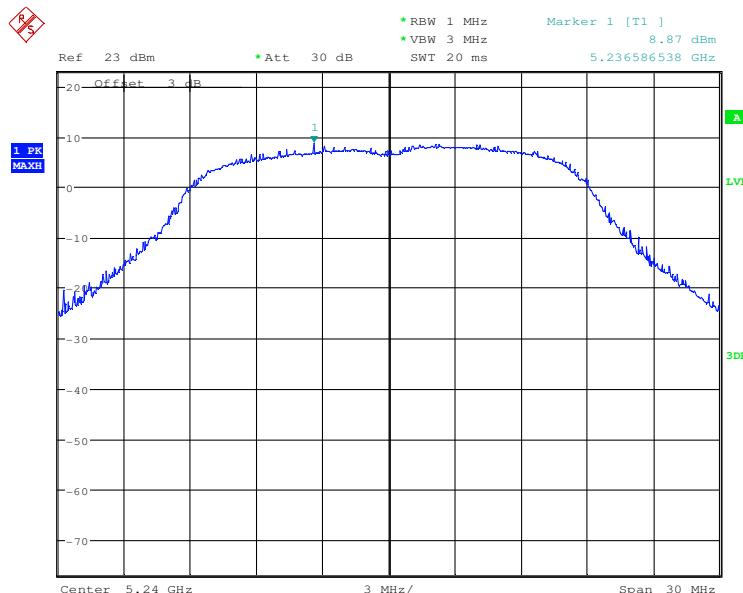
Test mode:	802.11n(HT20)	Test channel:	36
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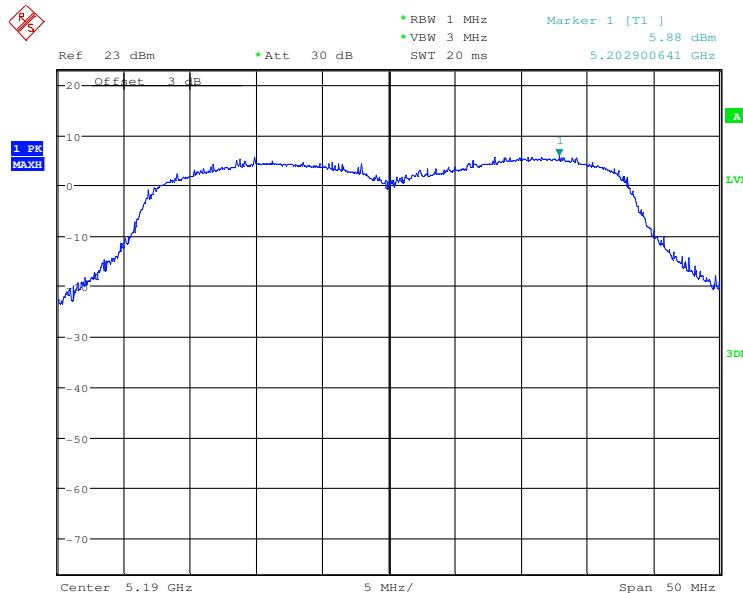
Test mode:	802.11n(HT20)	Test channel:	40
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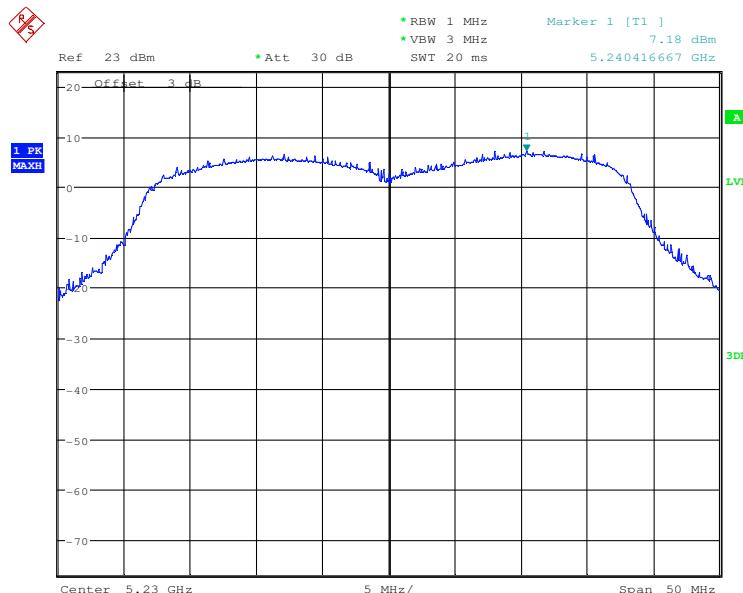
Test mode:	802.11n(HT20)	Test channel:	48
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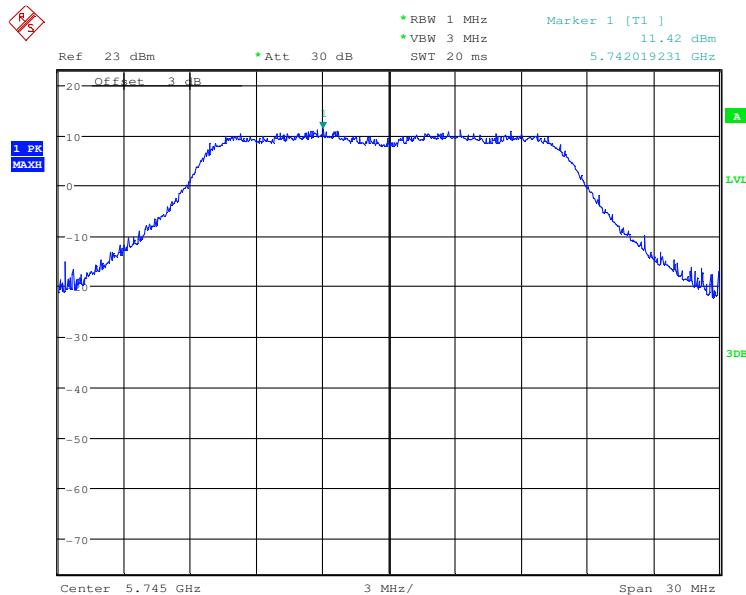
Test mode:	802.11n(HT40)	Test channel:	38
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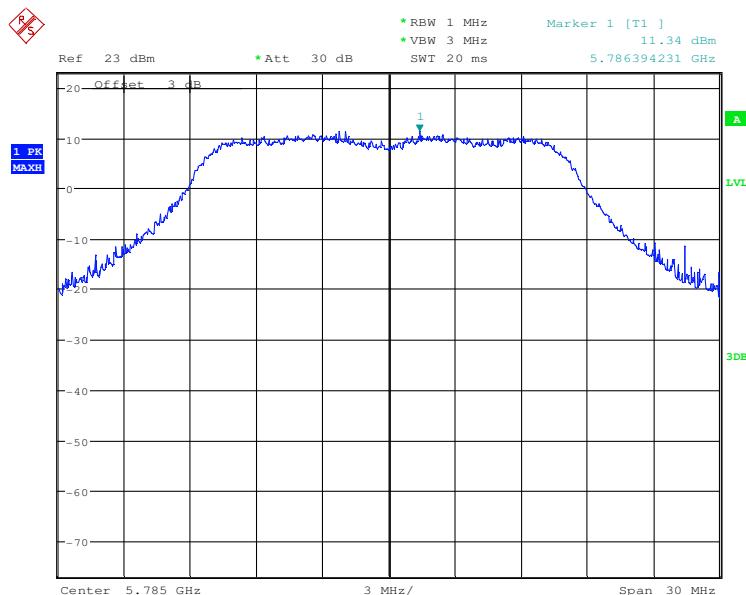
Test mode:	802.11n(HT40)	Test channel:	46
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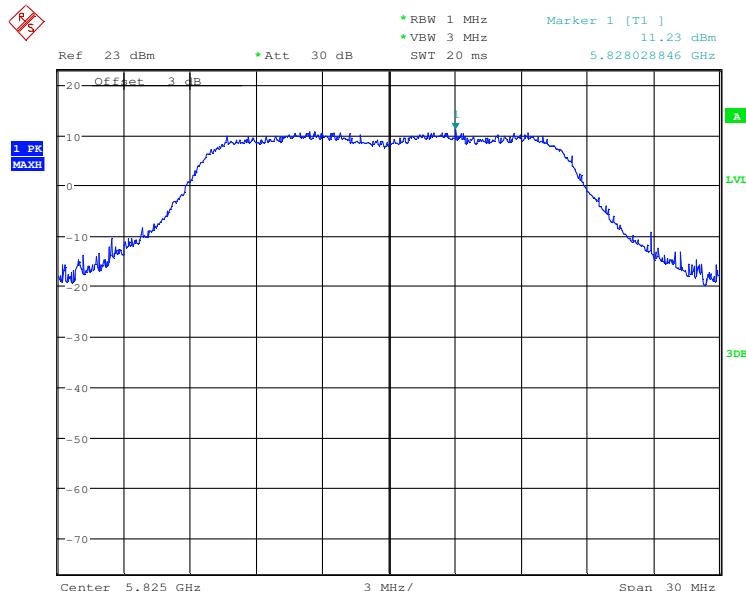
Test mode:	802.11a	Test channel:	149
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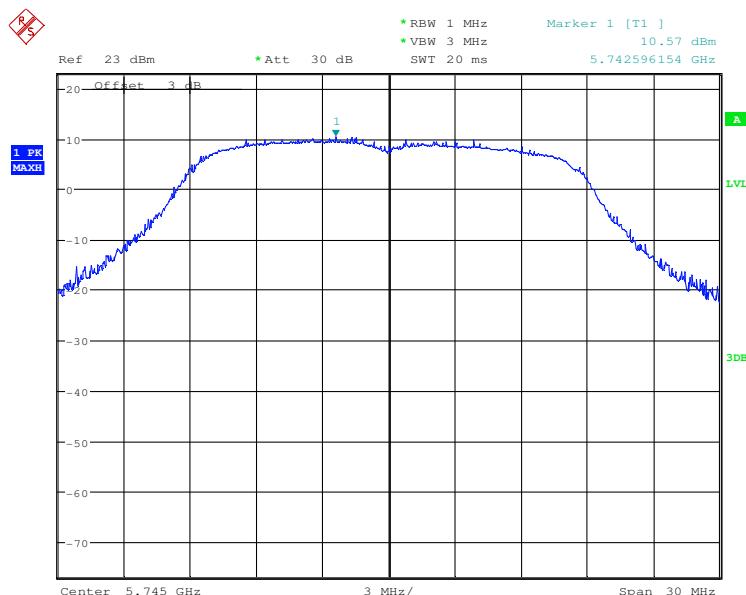
Test mode:	802.11a	Test channel:	157
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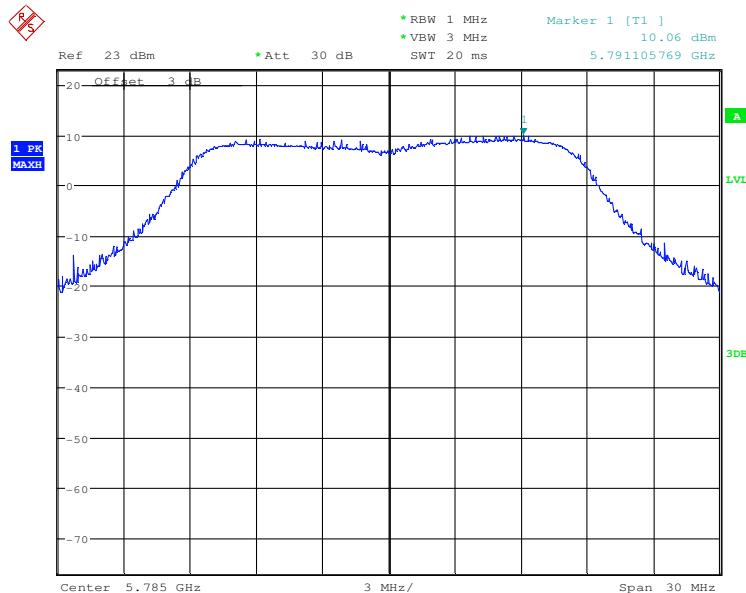
Test mode:	802.11a	Test channel:	165
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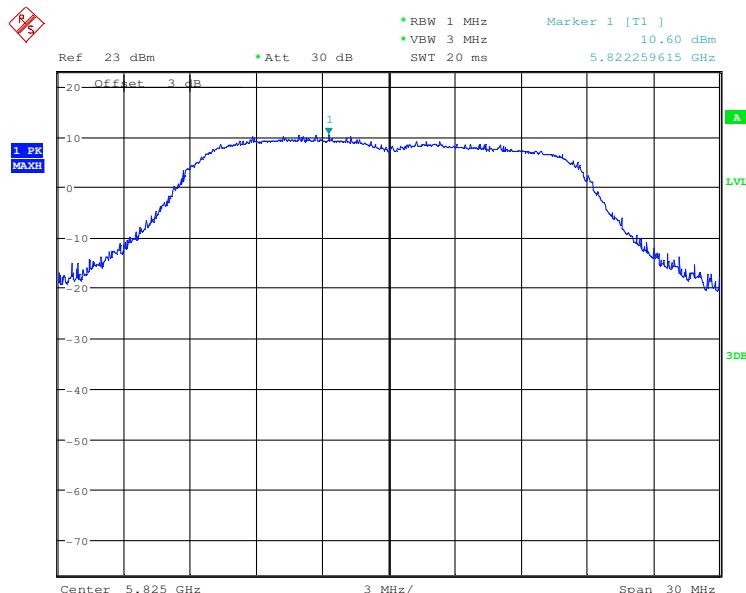
Test mode:	802.11n(HT20)	Test channel:	149
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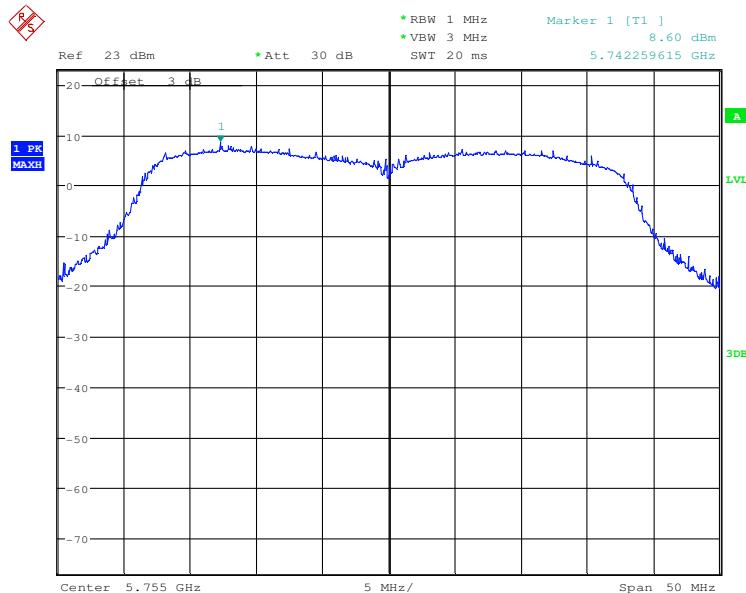
Test mode:	802.11n(HT20)	Test channel:	157
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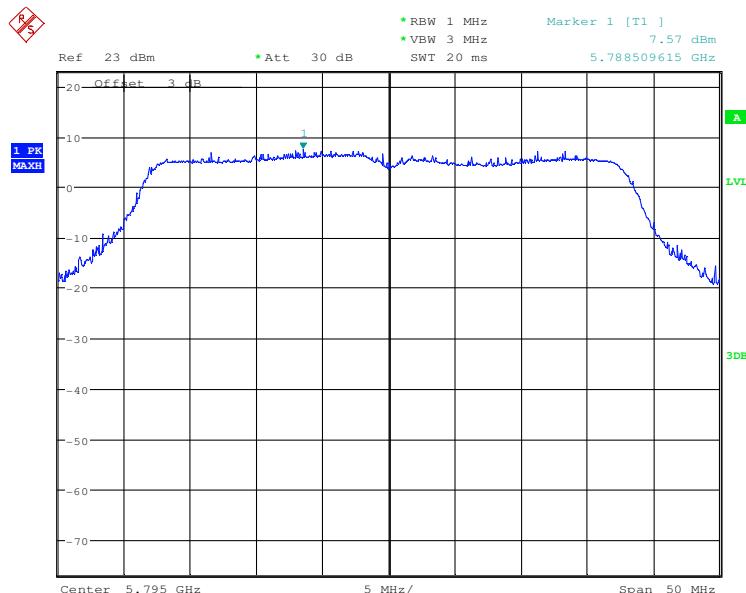
Test mode:	802.11n(HT20)	Test channel:	165
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Test mode:	802.11n(HT40)	Test channel:	151
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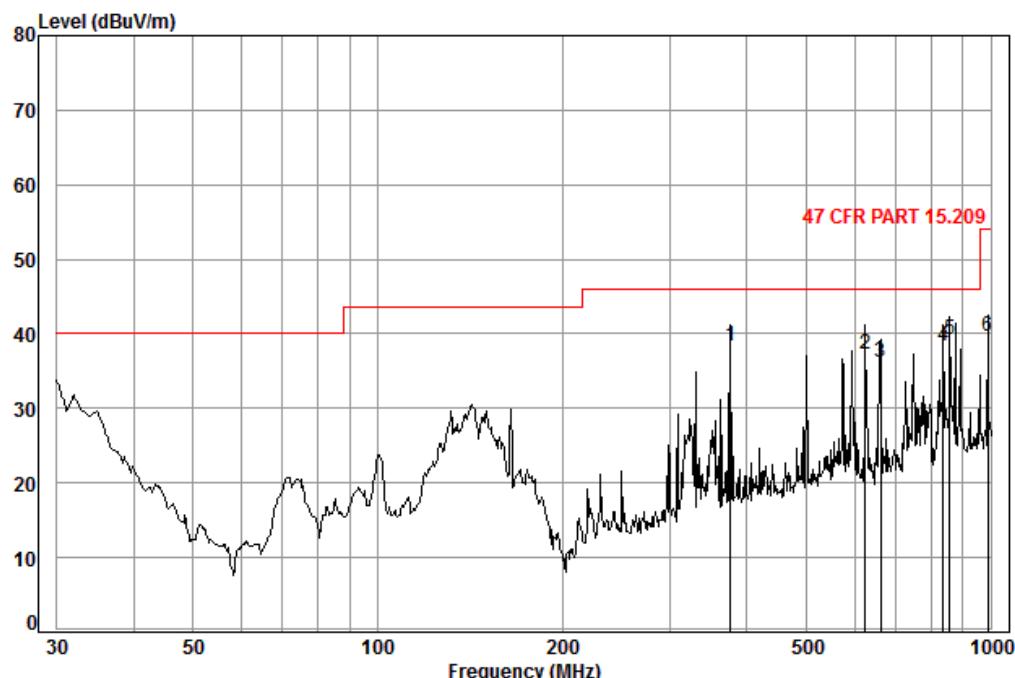
Test mode:	802.11n(HT40)	Test channel:	159
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3.6 Radiated Spurious Emissions

3.6.1 Radiated emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Transmitting mode	Vertical



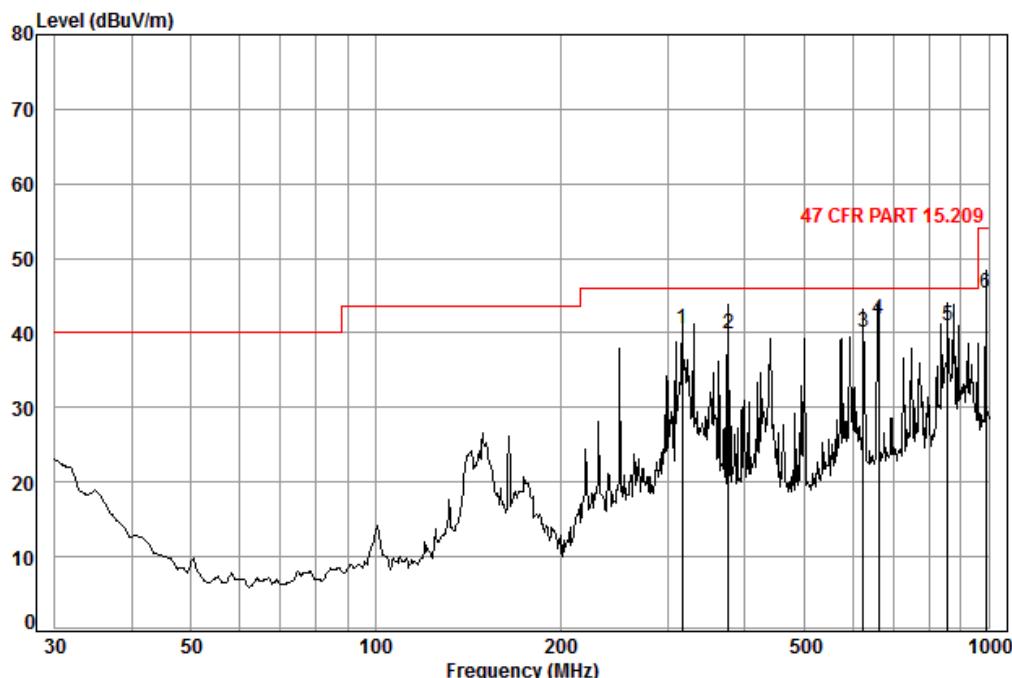
Condition: 47 CFR PART 15.209 3m 3142C Vertical

Job No. : 0090IT

Test mode: 5180TX

Freq	Cable	Ant	Preampl	Read	Limit	Over		
	Loss	Factor	Factor	Level				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	375.94	2.13	16.01	26.97	47.14	38.31	46.00	-7.69
2	625.08	2.75	20.50	27.51	41.47	37.21	46.00	-8.79
3	661.15	2.83	20.96	27.46	39.94	36.27	46.00	-9.73
4	836.24	3.35	22.40	27.09	39.61	38.27	46.00	-7.73
5	857.02	3.44	22.57	26.99	40.22	39.24	46.00	-6.76
6	989.54	3.69	23.88	26.37	38.40	39.60	54.00	-14.40

Test mode:	Transmitting mode	Horizontal
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Condition: 47 CFR PART 15.209 3m 3142C Horizontal

Job No. : 0090IT

Test mode: 5180TX

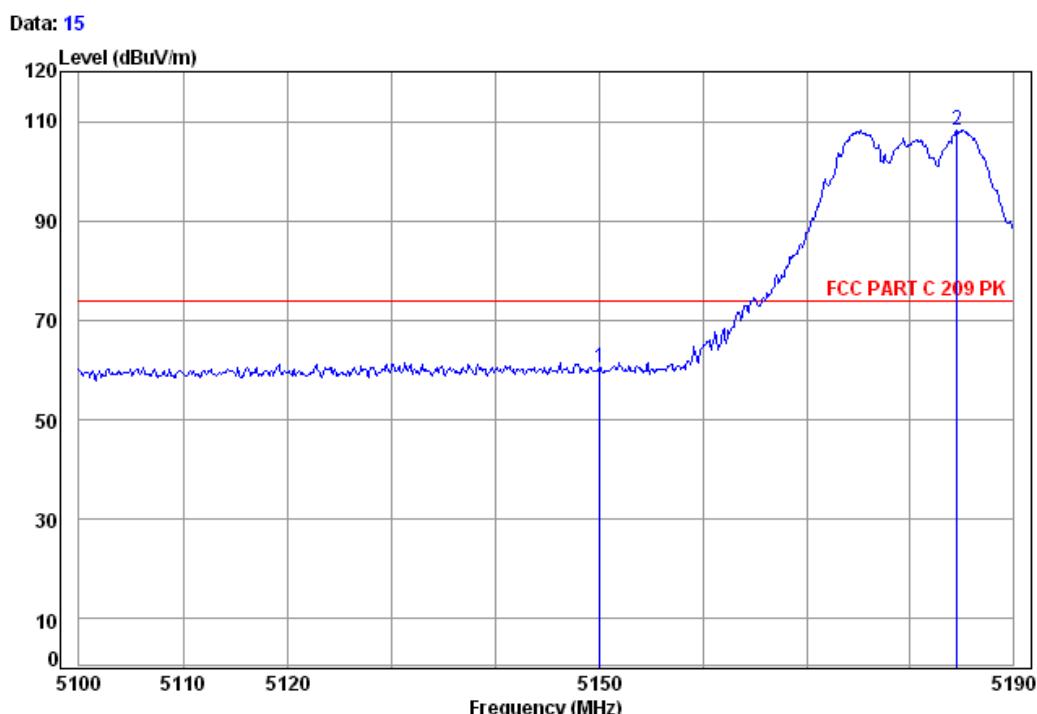
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	316.59	1.95	14.50	26.52	50.65	40.58	46.00	-5.42
2	375.94	2.13	16.01	26.97	48.64	39.81	46.00	-6.19
3	625.08	2.75	20.50	27.51	44.35	40.09	46.00	-5.91
4	661.15	2.83	20.96	27.46	45.61	41.94	46.00	-4.06
5	857.02	3.44	22.57	26.99	41.93	40.95	46.00	-5.05
6	989.54	3.69	23.88	26.37	44.23	45.43	54.00	-8.57

3.7 Restricted bands around fundamental frequency

Wi-Fi 1

Test plot as follows:

Test mode:	802.11a	Test channel:	36	Remark:	Peak	Vertical
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Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

Job No: : 0090IT

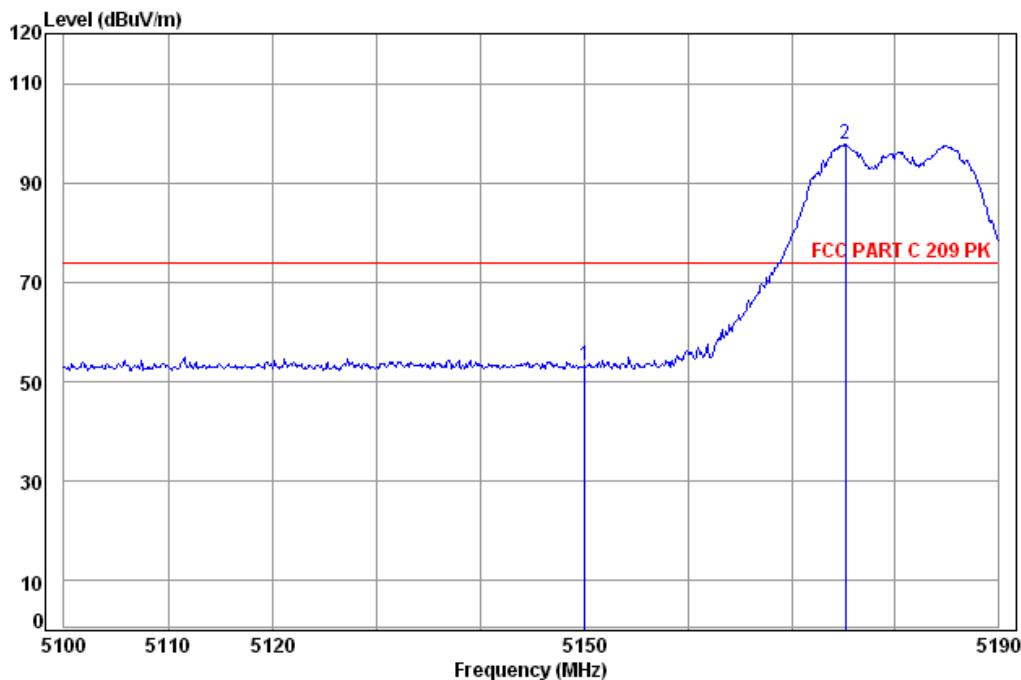
Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
1	5150.00	6.10	34.86	39.28	58.76	60.44	74.00	-13.56
2 pp	5184.56	6.13	34.85	39.28	106.67	108.37	74.00	34.37



Test mode:	802.11a	Test channel:	36	Remark:	Peak	Horizontal
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Data: 17



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

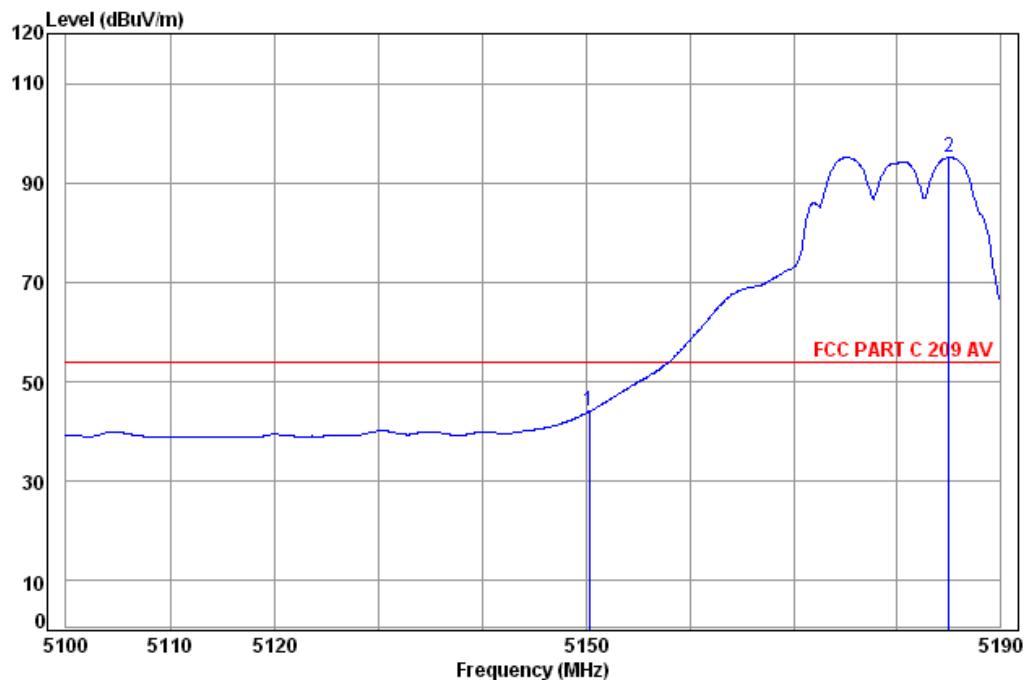
Job No: : 0090IT

Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	51.68	53.36	74.00	-20.64
2 pp	5175.22	6.12	34.86	39.28	96.18	97.88	74.00	23.88

Test mode:	802.11a	Test channel:	36	Remark:	Average	Vertical
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Data: 16



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

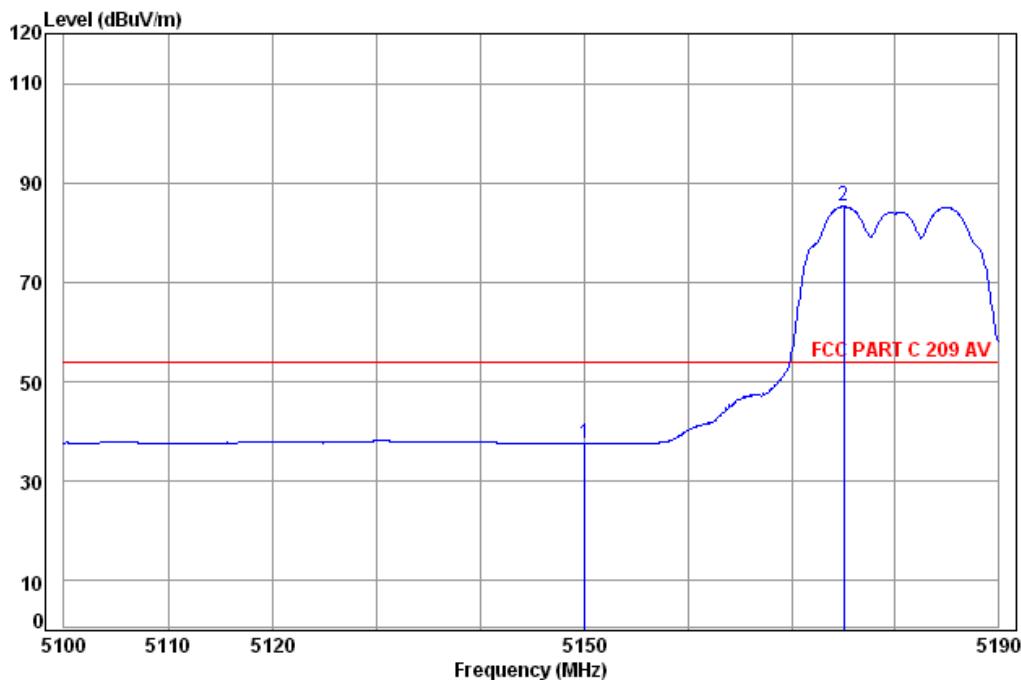
Job No: : 0090IT

Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.21	6.10	34.86	39.28	42.35	44.03	54.00 -9.97
2 pp	5185.10	6.13	34.85	39.28	93.39	95.09	54.00 41.09

Test mode:	802.11a	Test channel:	36	Remark:	Average	Horizontal
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Data: 18



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

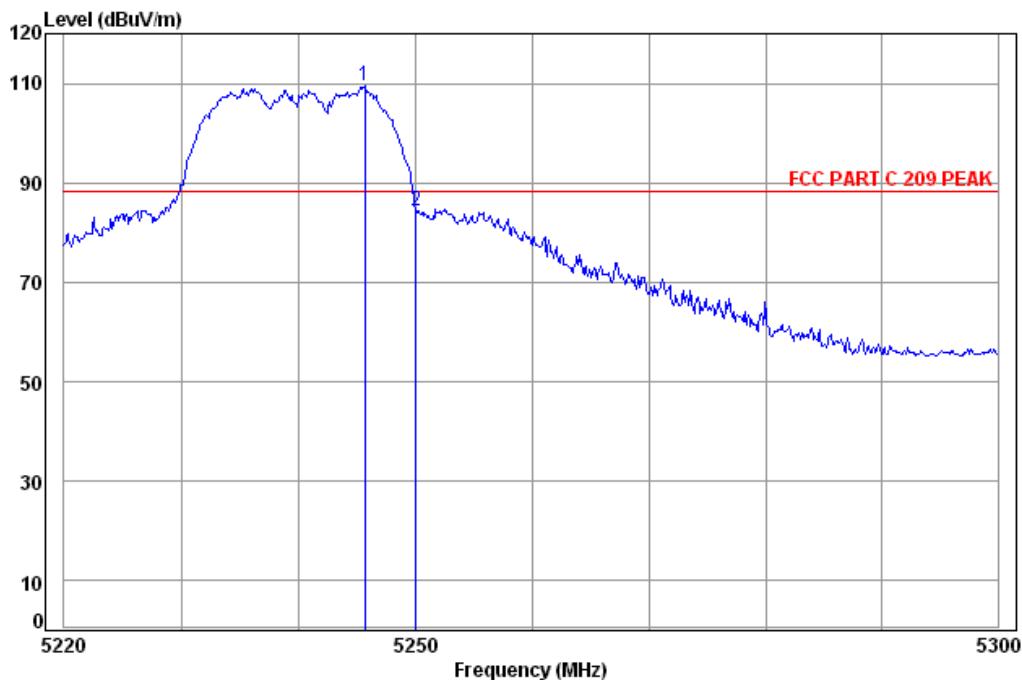
Job No: : 0090IT

Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	35.92	37.60	54.00 -16.40
2 pp	5175.04	6.12	34.86	39.28	83.52	85.22	54.00 31.22

Test mode:	802.11a	Test channel:	48	Remark:	Peak	Vertical
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Data: 61



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

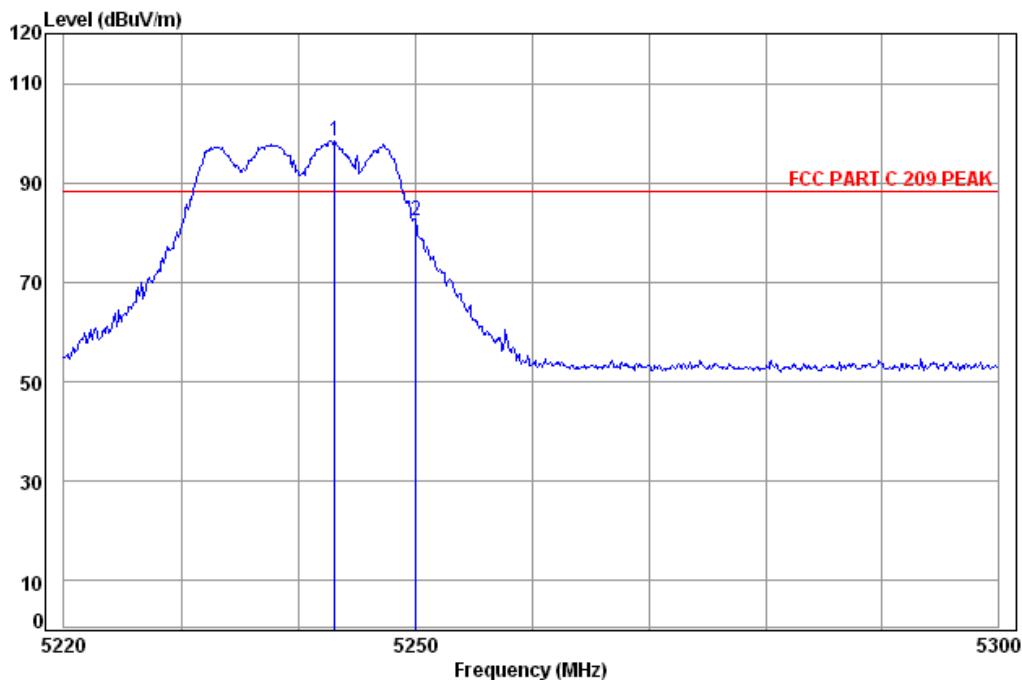
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5245.63	6.18	34.83	39.27	107.65	109.39	88.20	21.19
2	5250.00	6.18	34.83	39.27	82.78	84.52	88.20	-3.68

Test mode:	802.11a	Test channel:	48	Remark:	Peak	Horizontal
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Data: 19



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

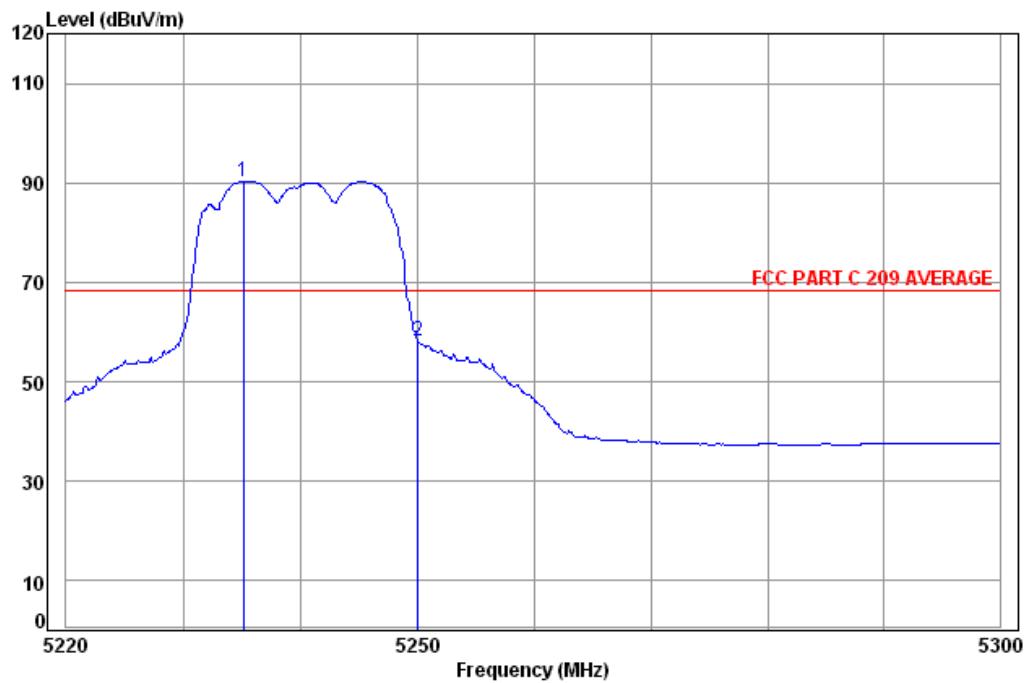
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5243.08	6.17	34.83	39.27	96.74	98.47	88.20	10.27
2	5250.00	6.18	34.83	39.27	80.76	82.50	88.20	-5.70

Test mode:	802.11a	Test channel:	48	Remark:	Average	Vertical
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Data: 62



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

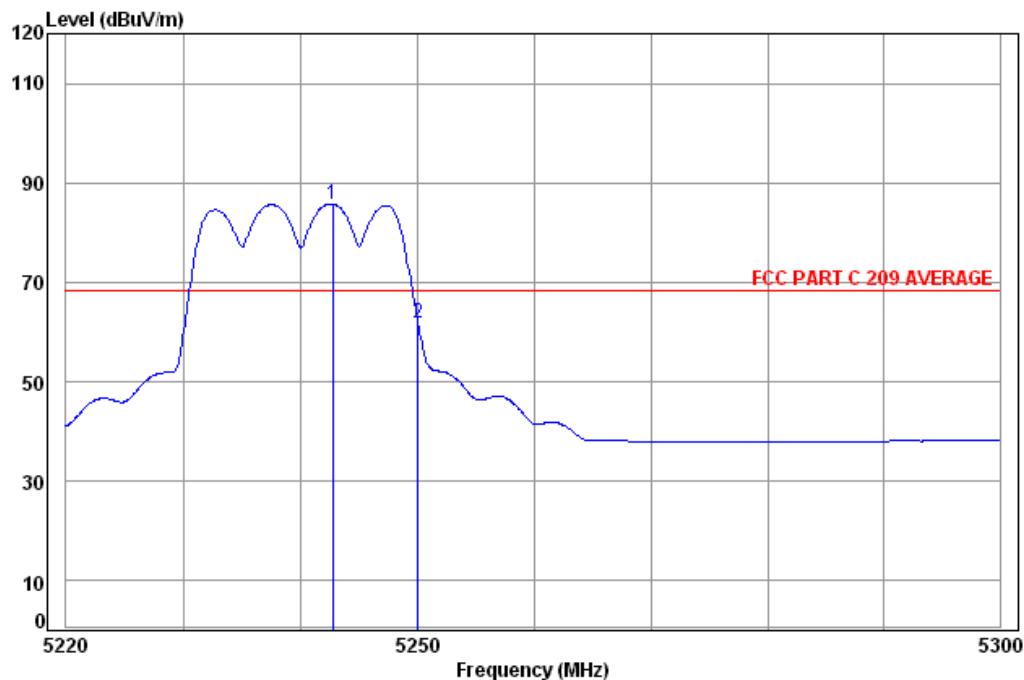
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5235.11	6.17	34.84	39.27	88.48	90.22	68.20	22.02
2	5250.00	6.18	34.83	39.27	56.41	58.15	68.20	-10.05

Test mode:	802.11a	Test channel:	48	Remark:	Average	Horizontal
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Data: 20



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

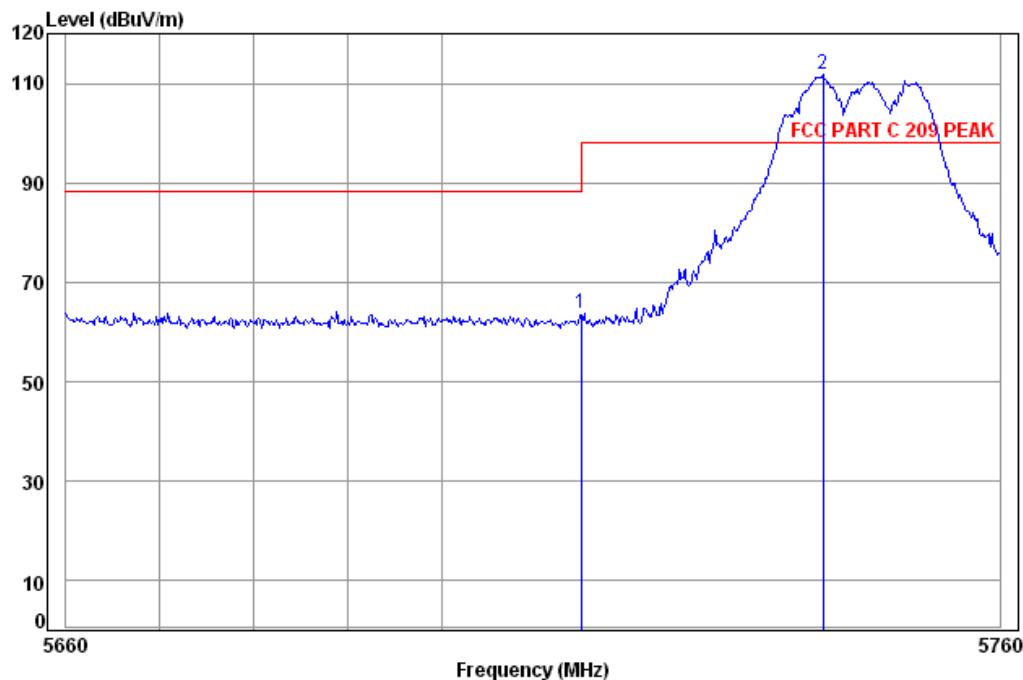
Job No: : 0090IT

Mode: : 5240 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5242.76	6.17	34.83	39.27	84.07	85.80	68.20 17.60
2	5250.00	6.18	34.83	39.27	60.07	61.81	68.20 -6.39

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Vertical
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Data: 23



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

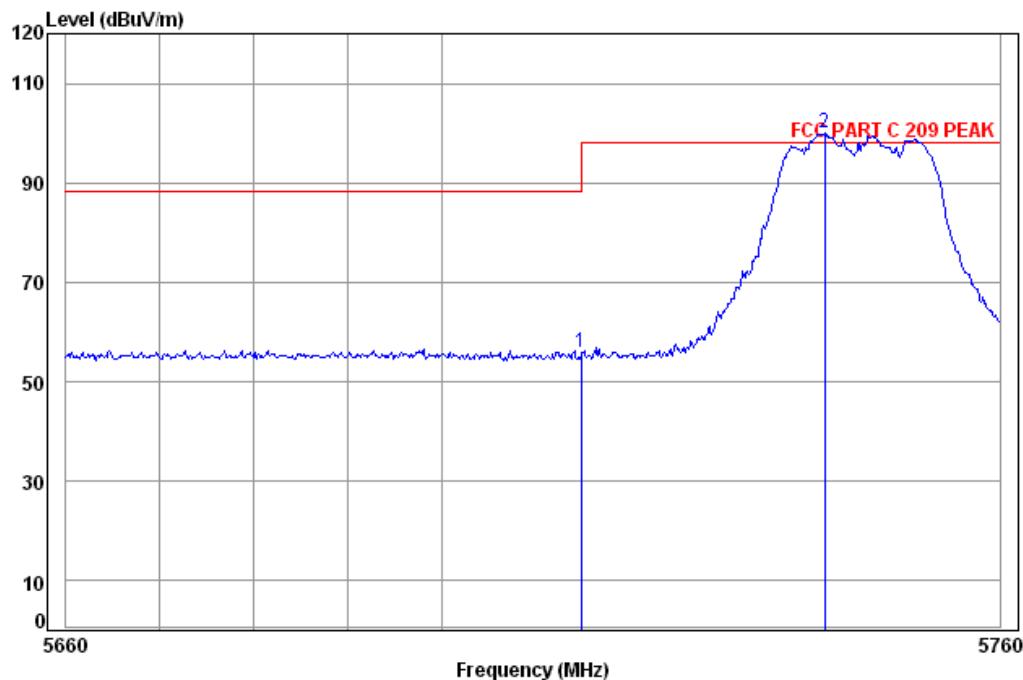
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	60.52	63.88	88.20 -24.32
2 pp	5740.97	6.93	35.77	39.21	108.25	111.74	98.20 13.54

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Horizontal
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Data: 21



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

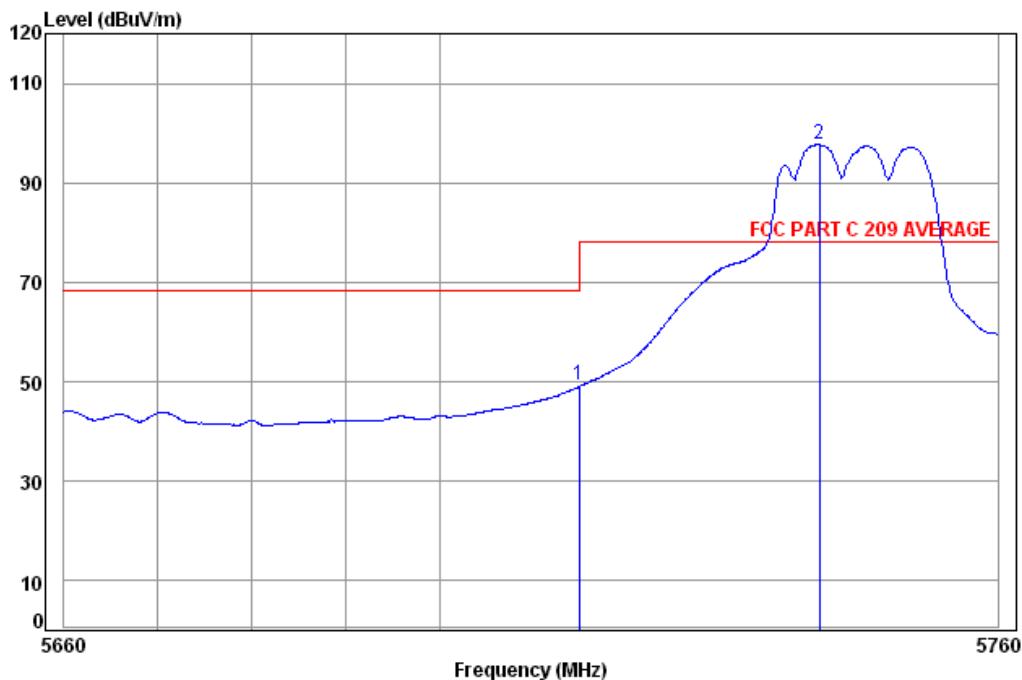
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.62	55.98	88.20 -32.22
2 pp	5741.17	6.93	35.77	39.21	96.46	99.95	98.20 1.75

Test mode:	802.11a	Test channel:	149	Remark:	Average	Vertical
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Data: 24



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

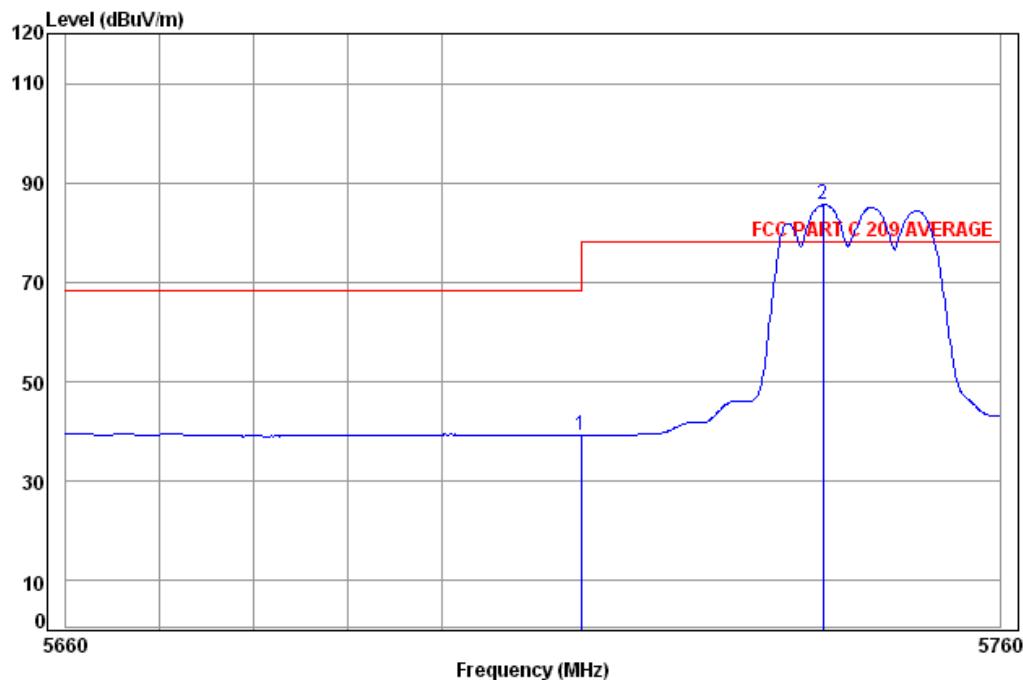
Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	45.94	49.30	68.20 -18.90
2 pp	5740.77	6.93	35.77	39.21	94.13	97.62	78.20 19.42



Test mode:	802.11a	Test channel:	149	Remark:	Average	Horizontal
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Data: 22



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

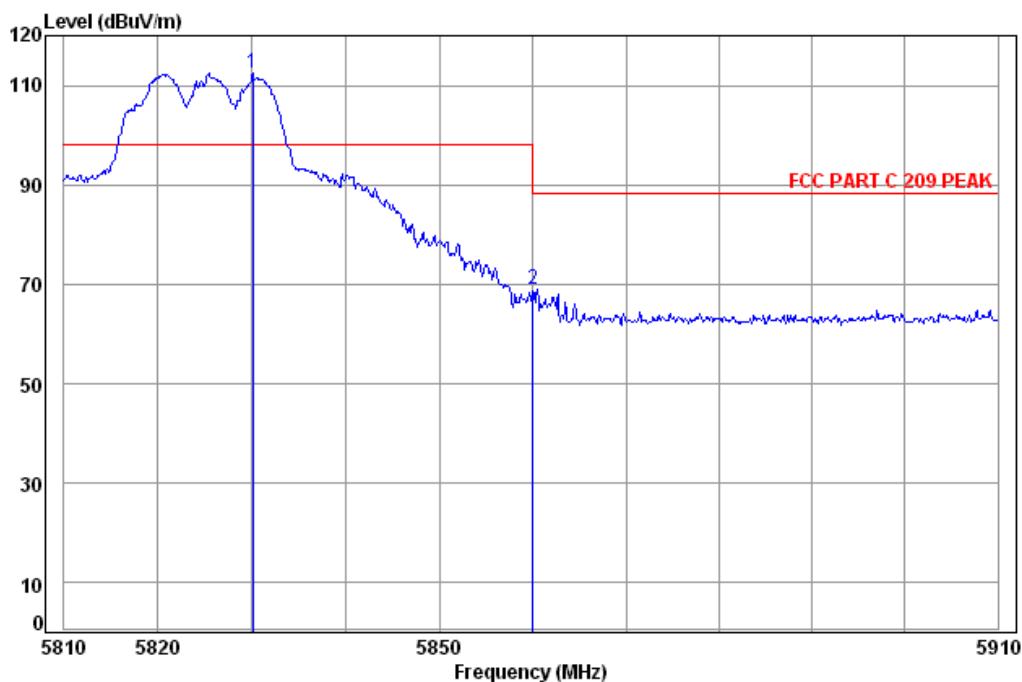
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	35.98	39.34	68.20 -28.86
2 pp	5740.97	6.93	35.77	39.21	82.09	85.58	78.20 7.38

Test mode:	802.11a	Test channel:	165	Remark:	Peak	Vertical
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Data: 25



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

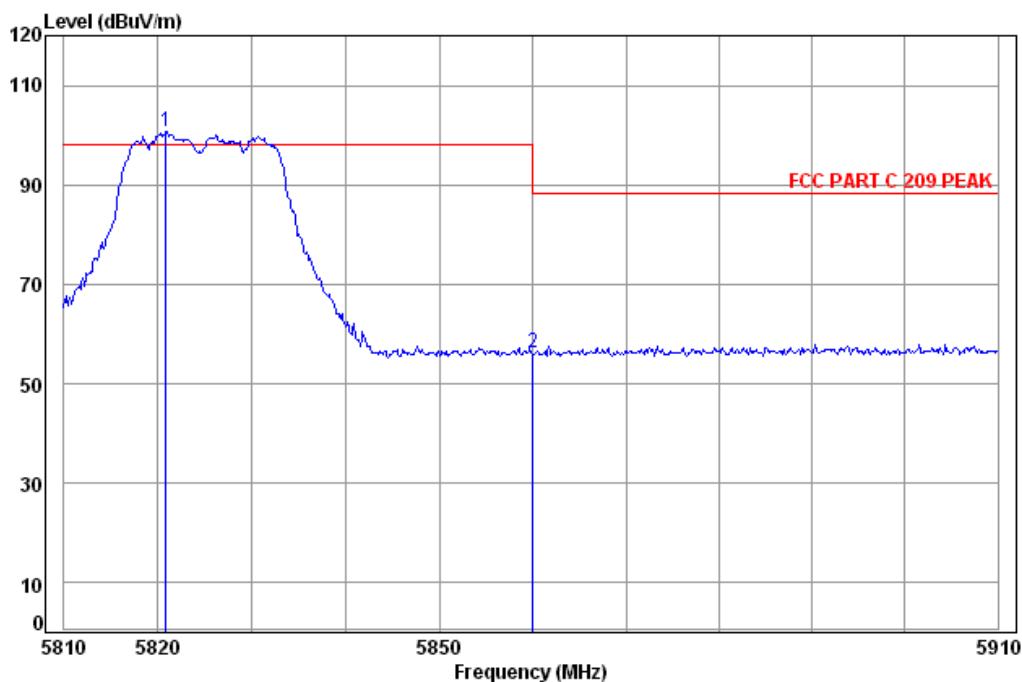
Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5830.06	7.13	35.97	39.20	108.62	112.52	98.20	14.32
2	5860.00	7.20	36.03	39.20	65.10	69.13	88.20	-19.07

Test mode:	802.11a	Test channel:	165	Remark:	Peak	Horizontal
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Data: 27



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

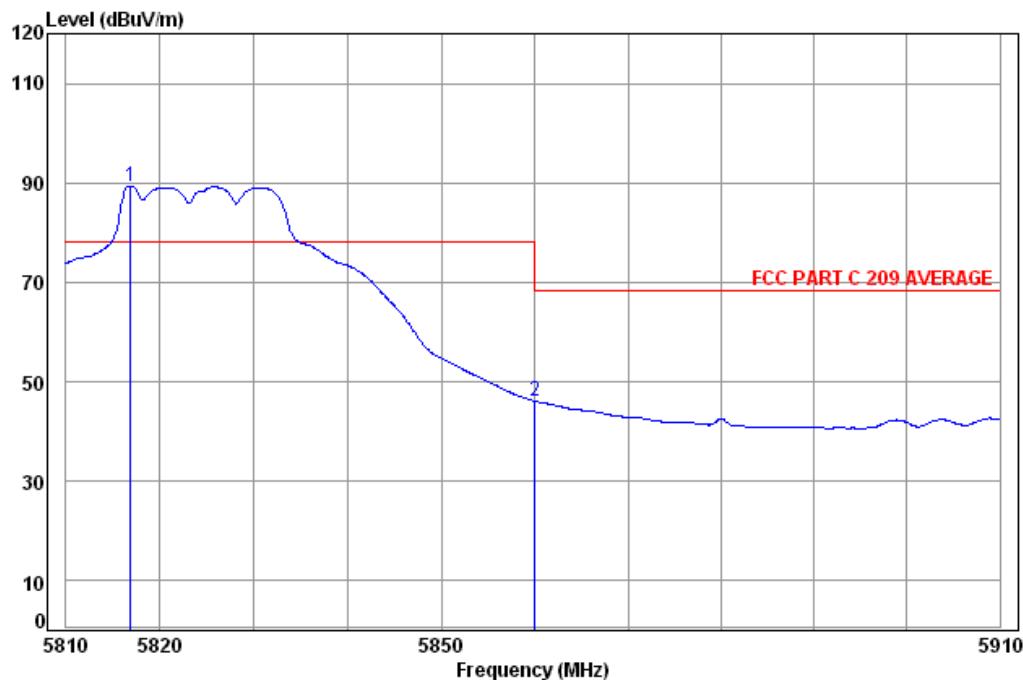
Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5820.82	7.11	35.95	39.20	96.95	100.81	98.20	2.61
2	5860.00	7.20	36.03	39.20	52.06	56.09	88.20	-32.11

Test mode:	802.11a	Test channel:	165	Remark:	Average	Vertical
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Data: 26



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

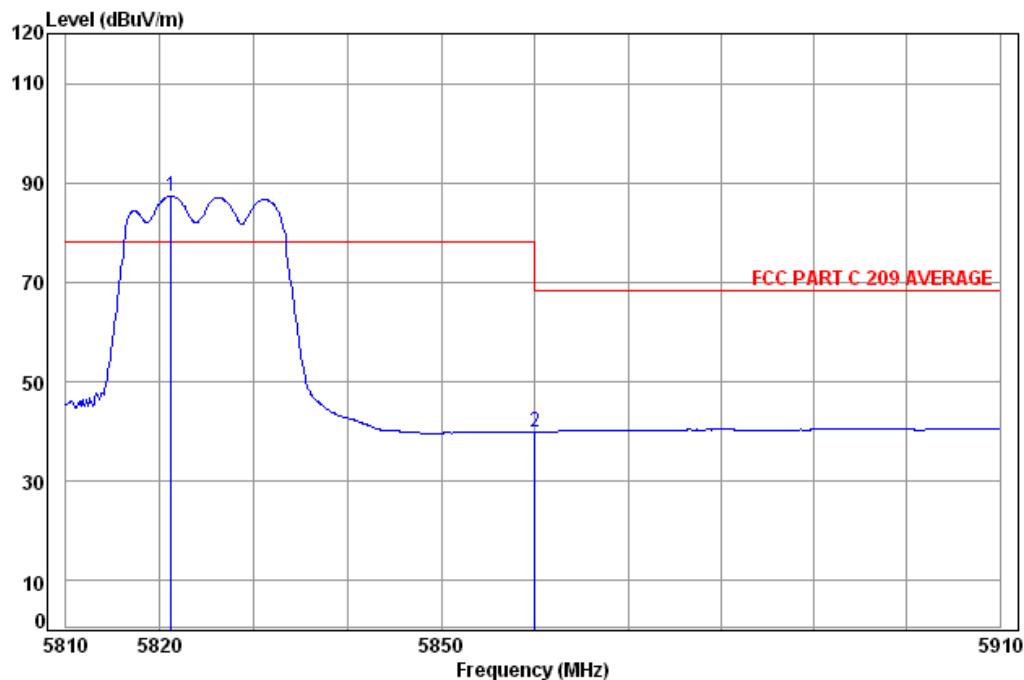
Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5816.85	7.10	35.94	39.20	85.56	89.40	78.20	11.20
2	5860.00	7.20	36.03	39.20	42.10	46.13	68.20	-22.07

Test mode:	802.11a	Test channel:	165	Remark:	Average	Horizontal
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Data: 28



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

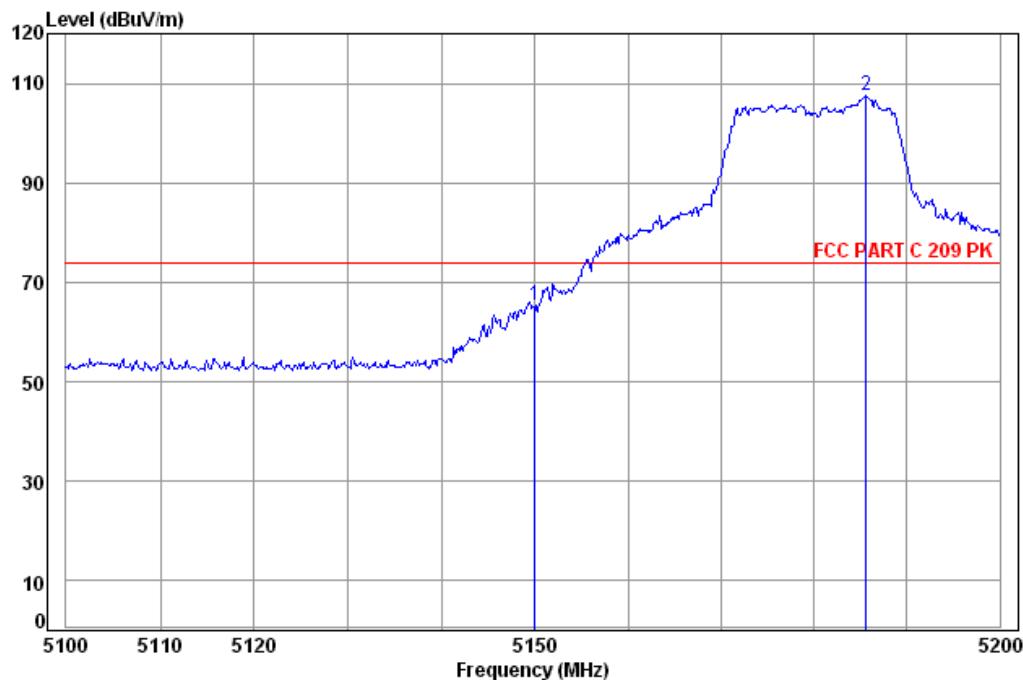
Job No: : 0090IT

Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5821.22	7.11	35.95	39.20	83.45	87.31	78.20 9.11
2	5860.00	7.20	36.03	39.20	35.92	39.95	68.20 -28.25

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Vertical
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Data: 41



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

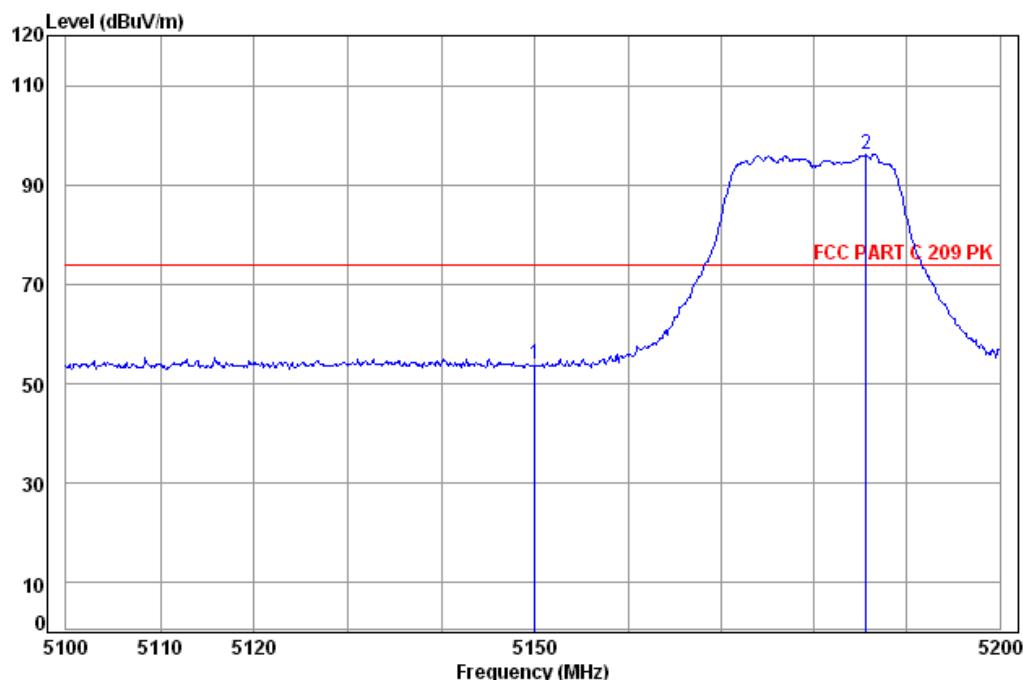
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	63.74	65.42	74.00	-8.58
2 pp	5185.58	6.13	34.85	39.28	105.77	107.47	74.00	33.47

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Horizontal
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Data: 43



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

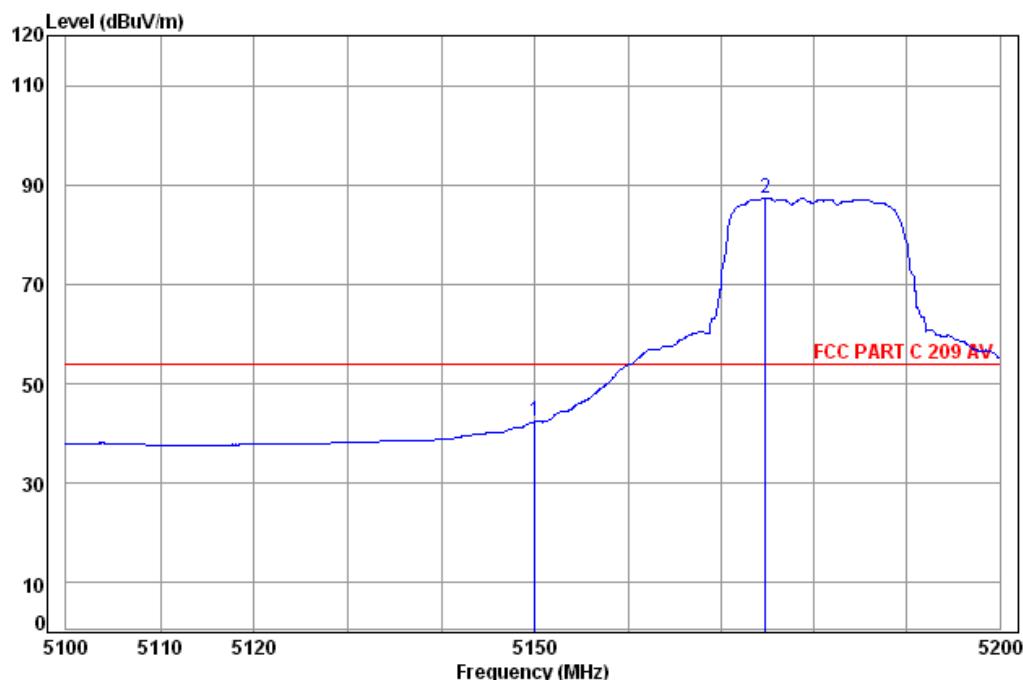
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	52.19	53.87	74.00	-20.13
2 pp	5185.58	6.13	34.85	39.28	94.44	96.14	74.00	22.14

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Vertical
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Data: 42



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

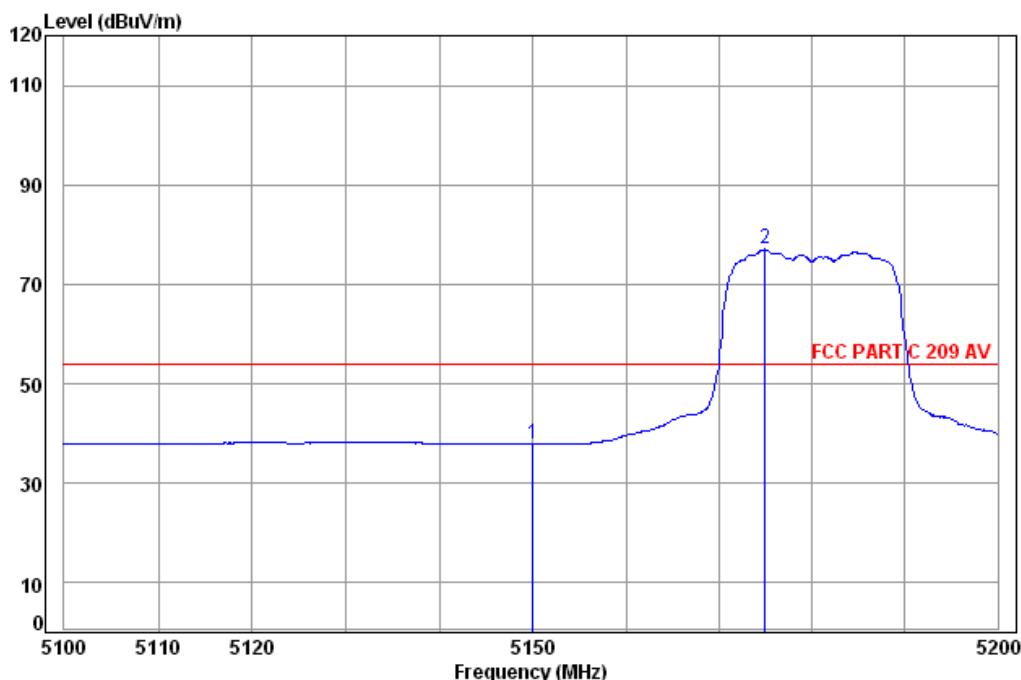
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	40.71	42.39	54.00	-11.61
2 pp	5174.72	6.12	34.86	39.28	85.73	87.43	54.00	33.43

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Horizontal
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Data: 44



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

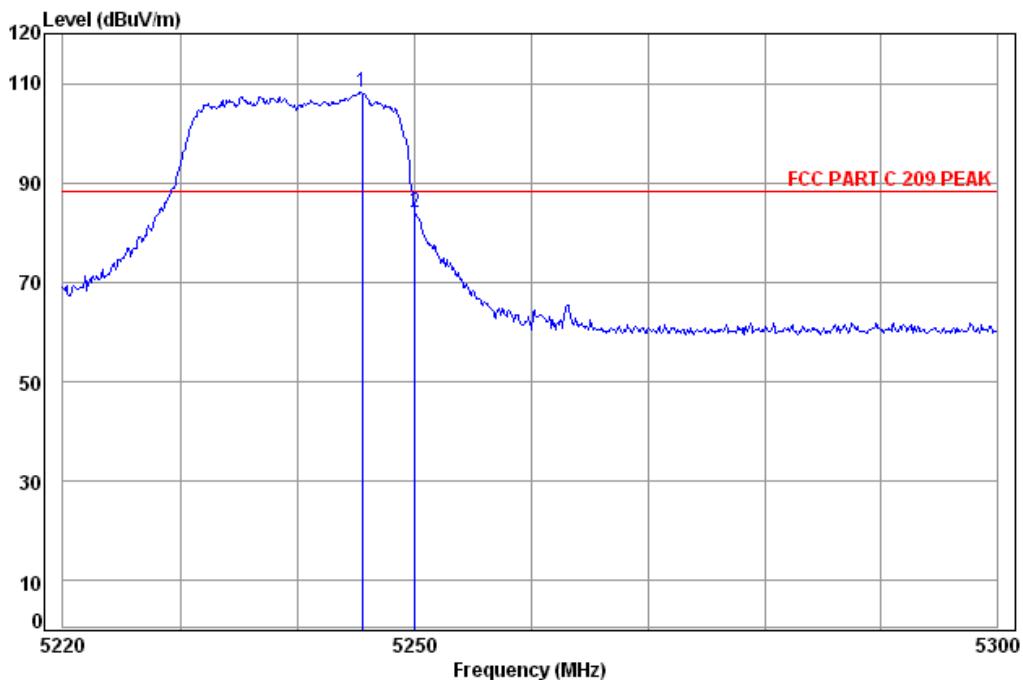
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	36.15	37.83	54.00	-16.17
2 pp	5174.92	6.12	34.86	39.28	75.32	77.02	54.00	23.02

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Vertical
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Data: 39



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

Job No: : 0090IT

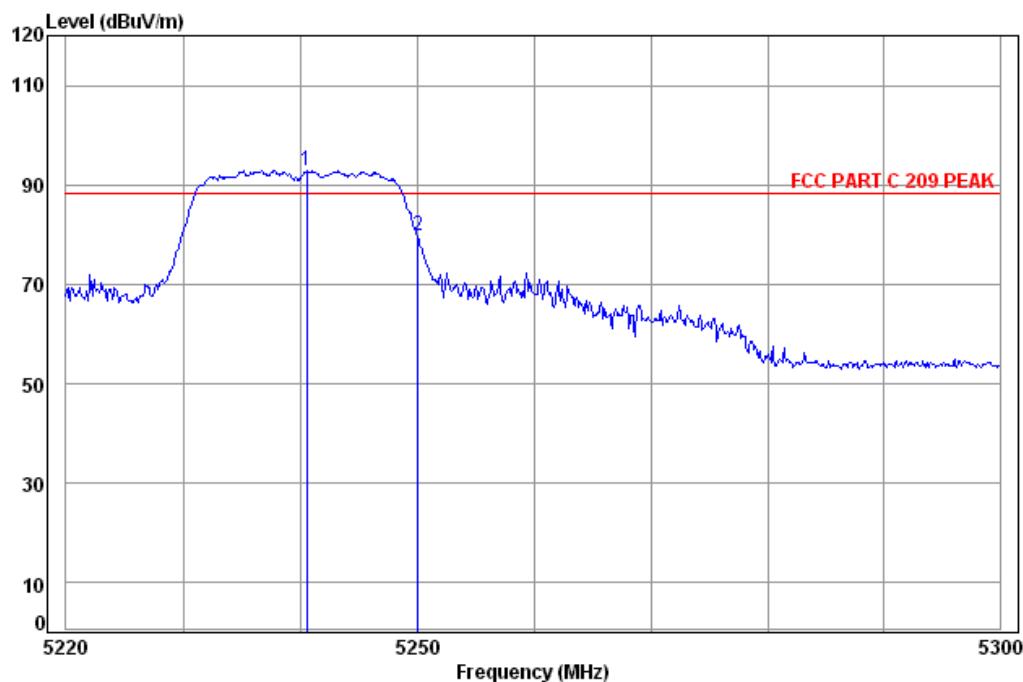
Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5245.47	6.18	34.83	39.27	106.39	108.13	88.20	19.93
2	5250.02	6.18	34.83	39.27	82.40	84.14	88.20	-4.06



Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Horizontal
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Data: 37



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

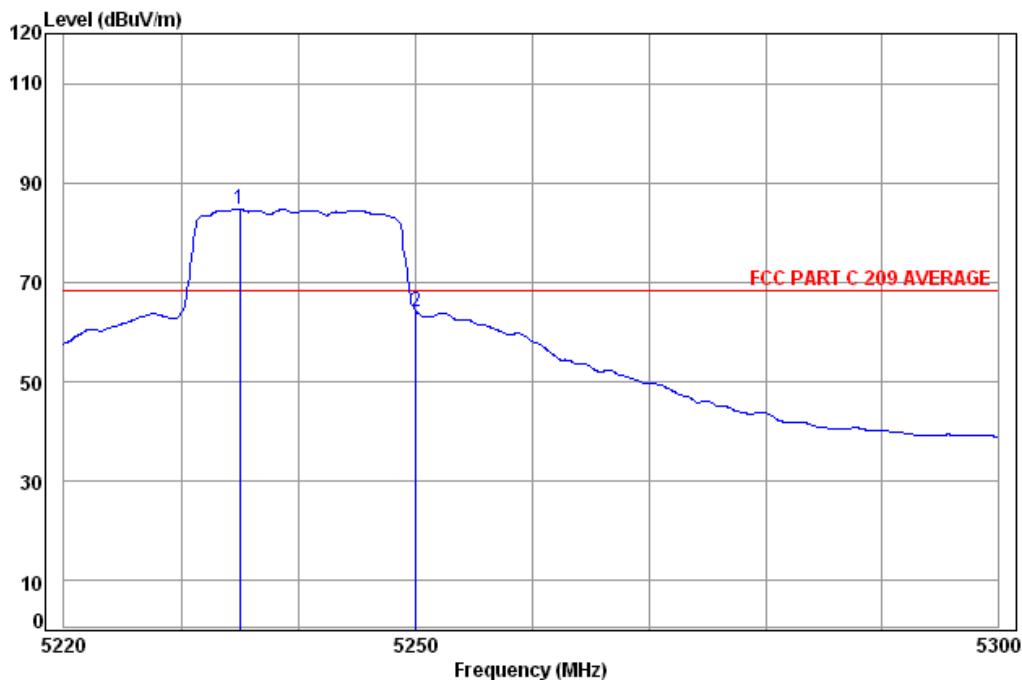
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5240.52	6.17	34.84	39.27	91.11	92.85	88.20	4.65
2	5250.00	6.18	34.83	39.27	78.20	79.94	88.20	-8.26

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Vertical
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Data: 40



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

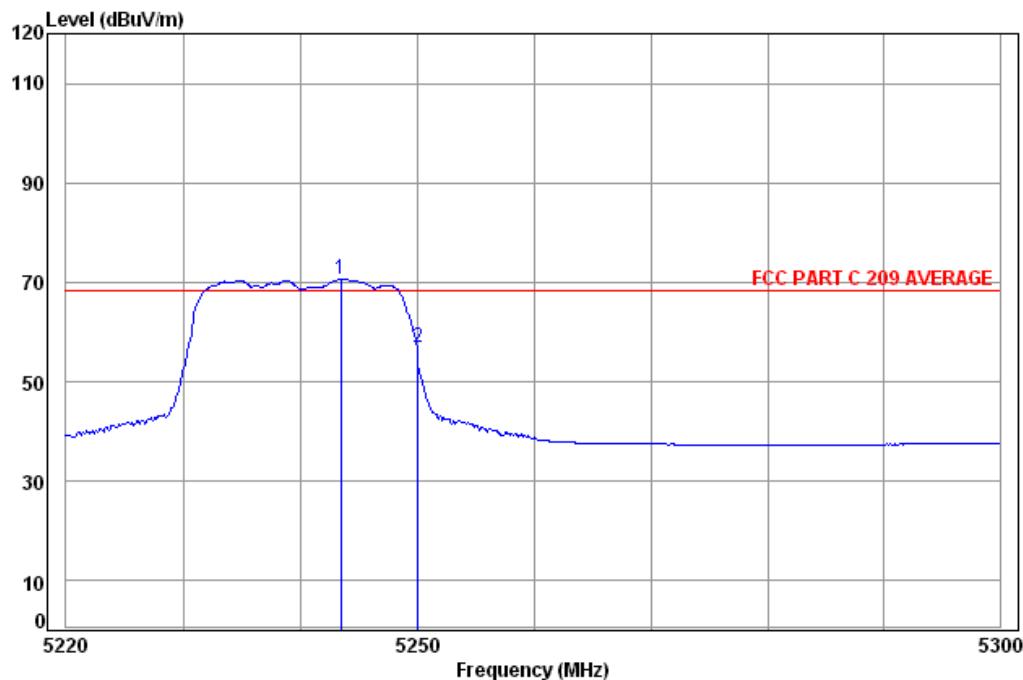
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5234.95	6.17	34.84	39.27	83.07	84.81	68.20	16.61
2	5250.00	6.18	34.83	39.27	62.46	64.20	68.20	-4.00

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Horizontal
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Data: 38



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

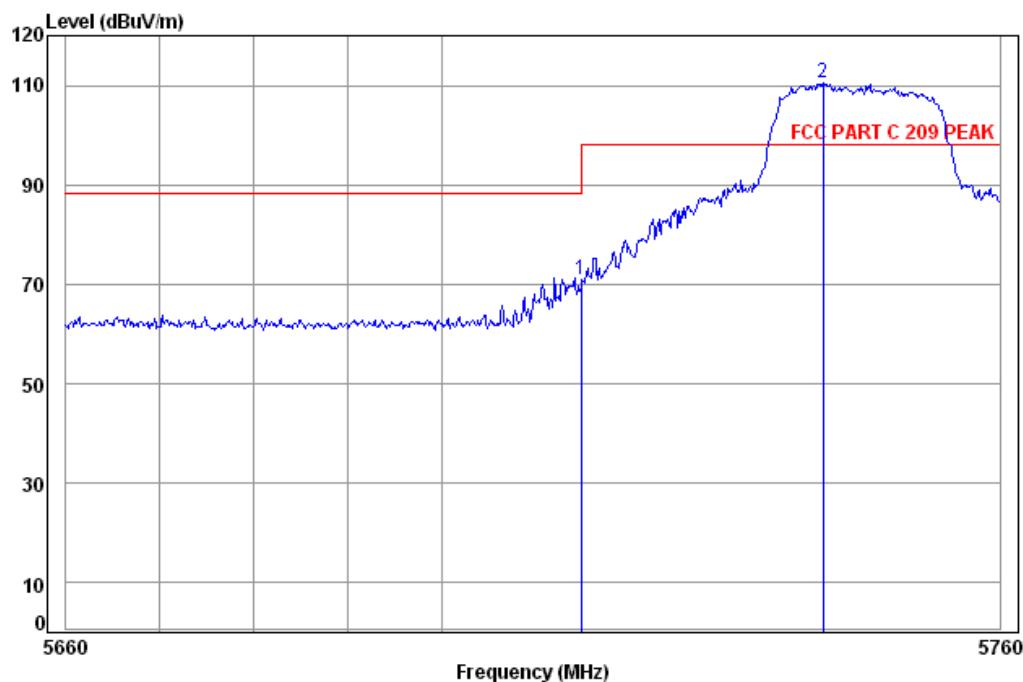
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5243.39	6.17	34.83	39.27	68.90	70.63	68.20	2.43
2	5250.00	6.18	34.83	39.27	55.28	57.02	68.20	-11.18

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Vertical
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Data: 33



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

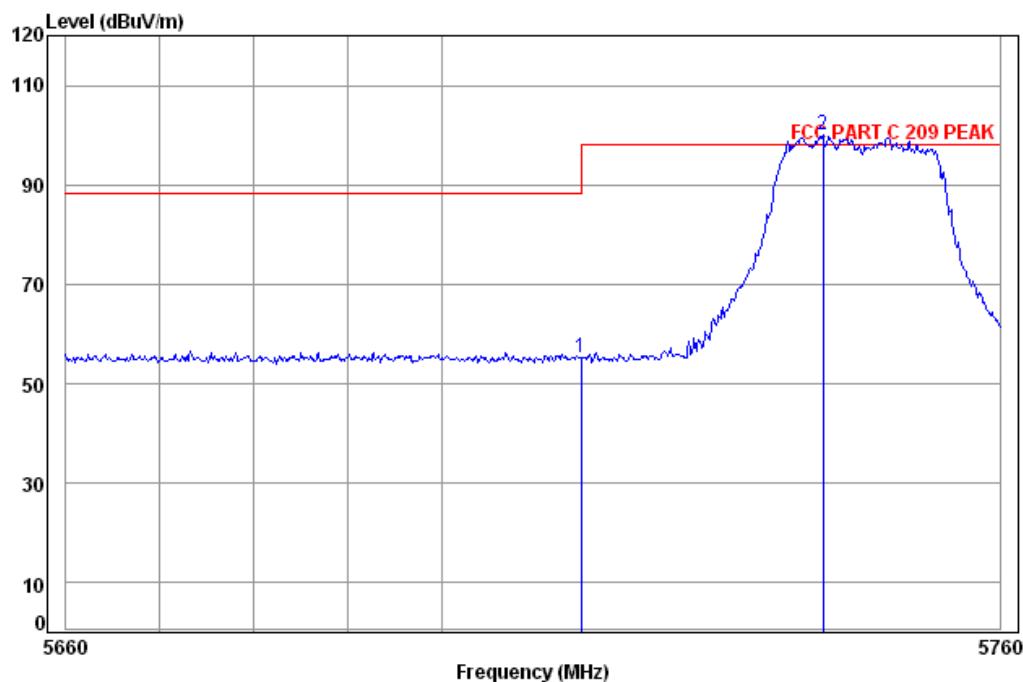
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	67.50	70.86	88.20	-17.34
2 pp	5740.97	6.93	35.77	39.21	106.97	110.46	98.20	12.26

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Horizontal
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Data: 35



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

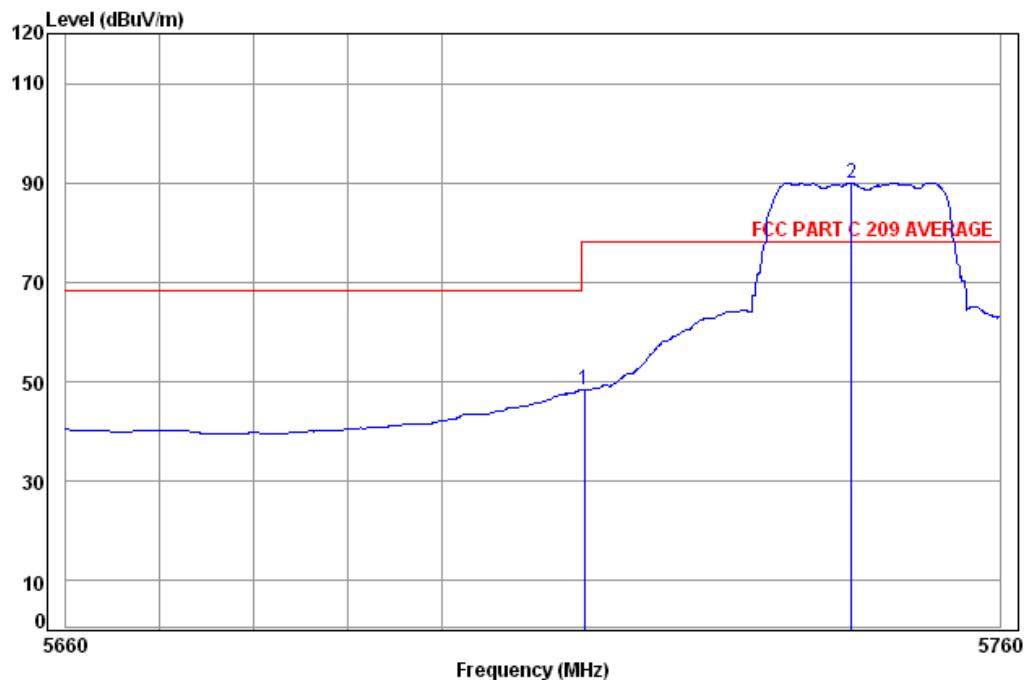
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.01	55.37	88.20	-32.83
2 pp	5740.97	6.93	35.77	39.21	96.42	99.91	98.20	1.71

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Vertical
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Data: 34



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

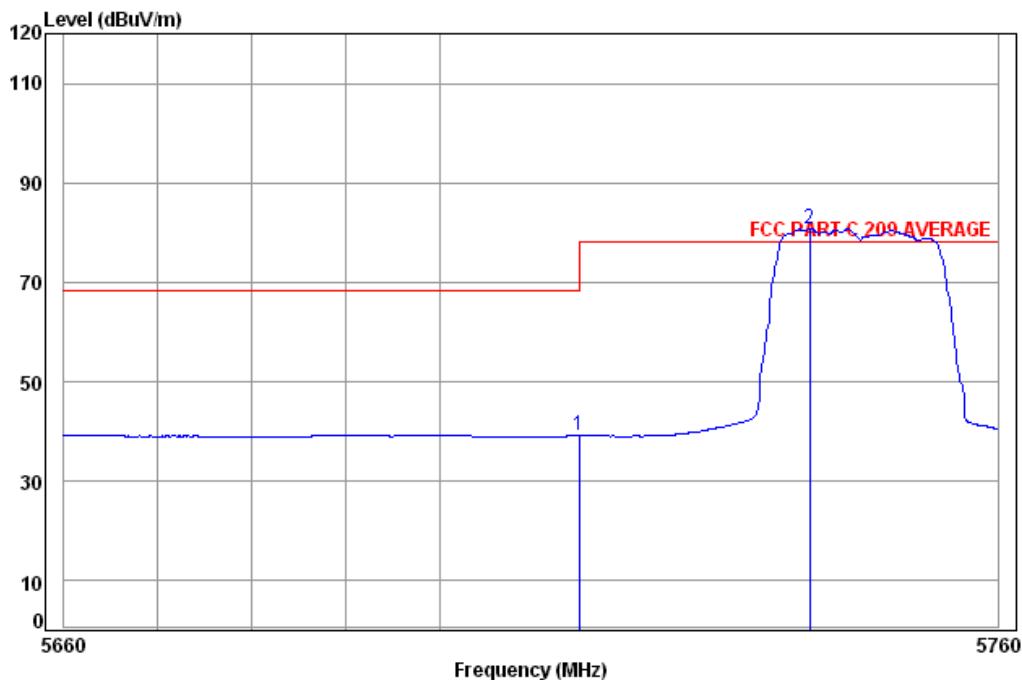
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.28	6.87	35.70	39.21	45.11	48.47	78.20 -29.73
2 pp	5743.98	6.93	35.77	39.21	86.54	90.03	78.20 11.83

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Horizontal
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Data: 36



Site : chamber

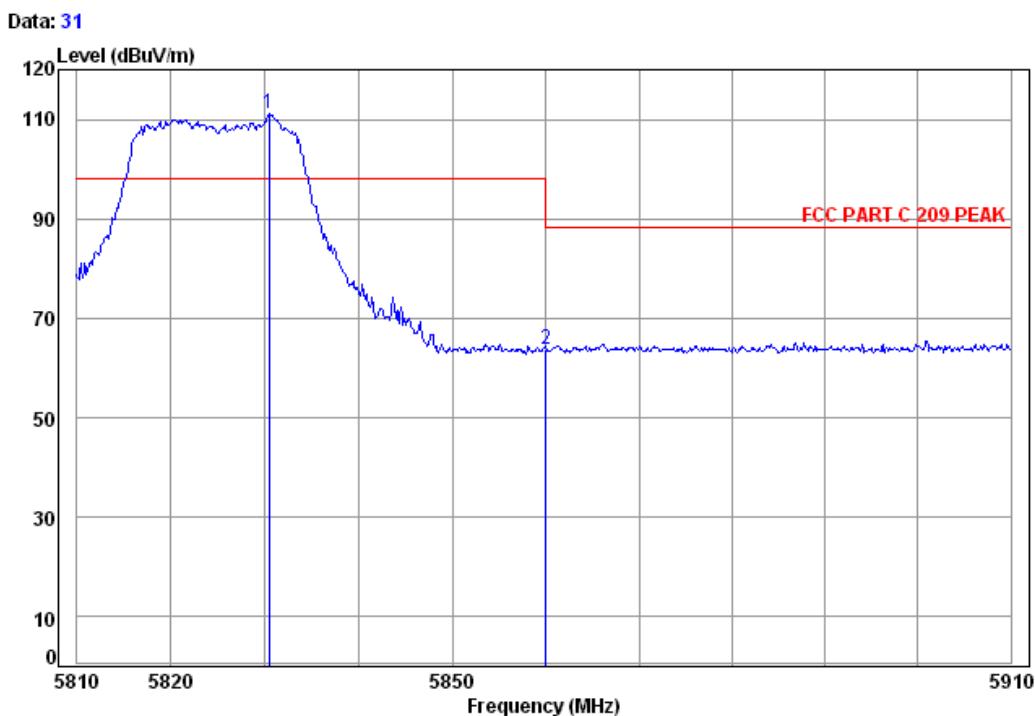
Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	35.76	39.12	68.20 -29.08
2 pp	5739.76	6.92	35.76	39.21	77.21	80.68	78.20 2.48

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Vertical
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Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

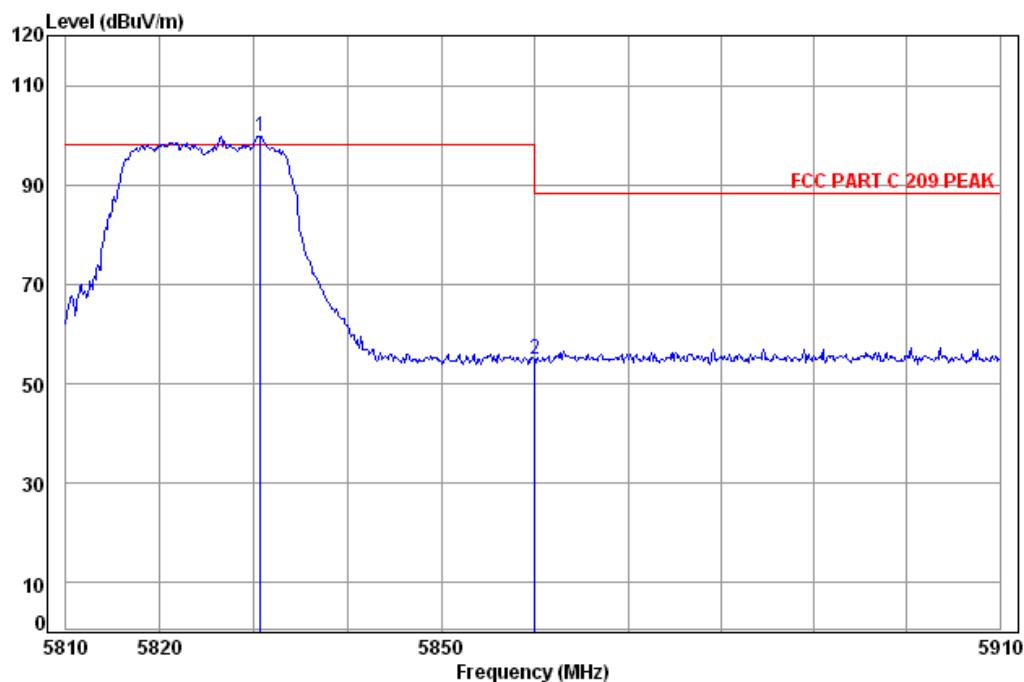
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5830.46	7.13	35.97	39.20	107.11	111.01	98.20 12.81
2	5860.00	7.20	36.03	39.20	59.58	63.61	88.20 -24.59

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Horizontal
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Data: 29



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

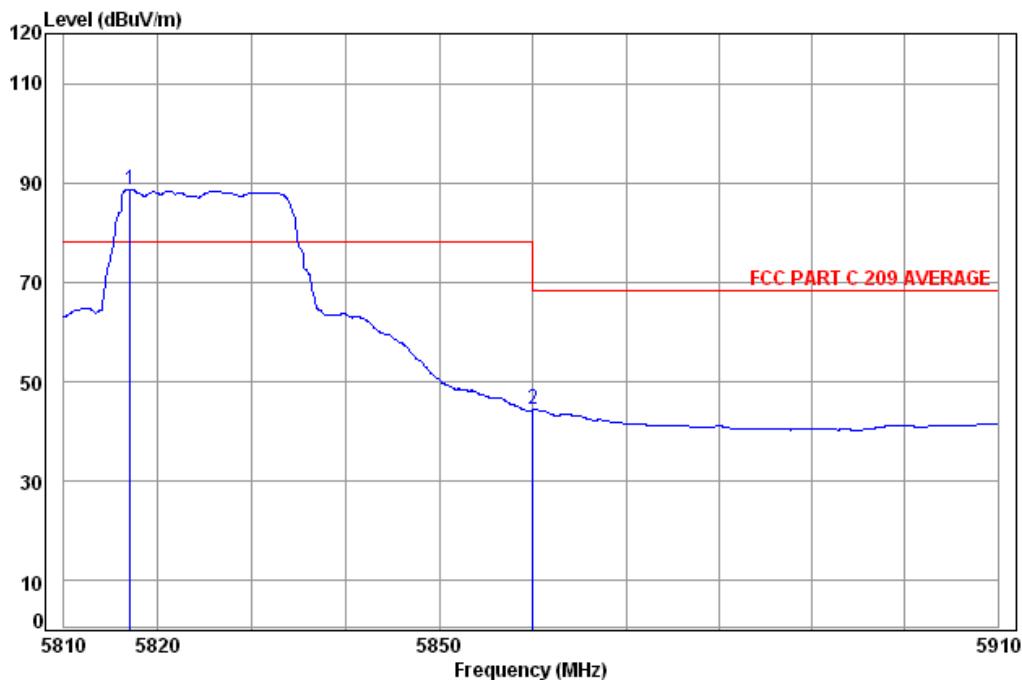
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5830.66	7.13	35.97	39.20	95.88	99.78	98.20	1.58
2	5860.00	7.20	36.03	39.20	51.06	55.09	88.20	-33.11

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Vertical
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Data: 32



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

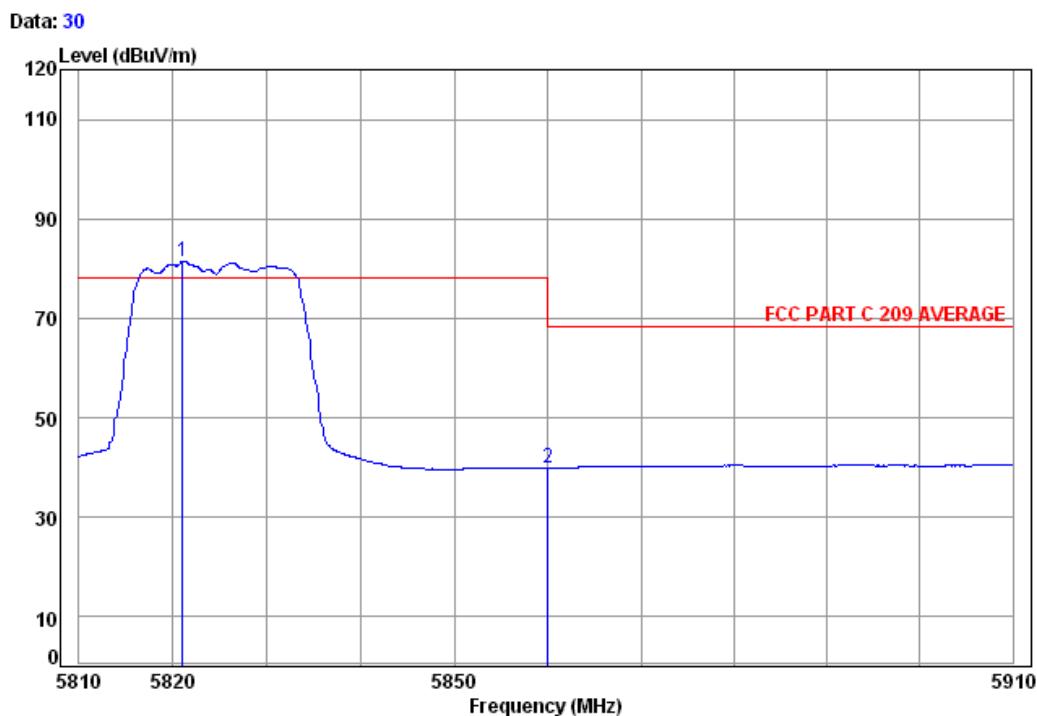
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5817.04	7.10	35.94	39.20	84.87	88.71	78.20	10.51
2	5860.00	7.20	36.03	39.20	40.34	44.37	68.20	-23.83



Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Horizontal
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Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

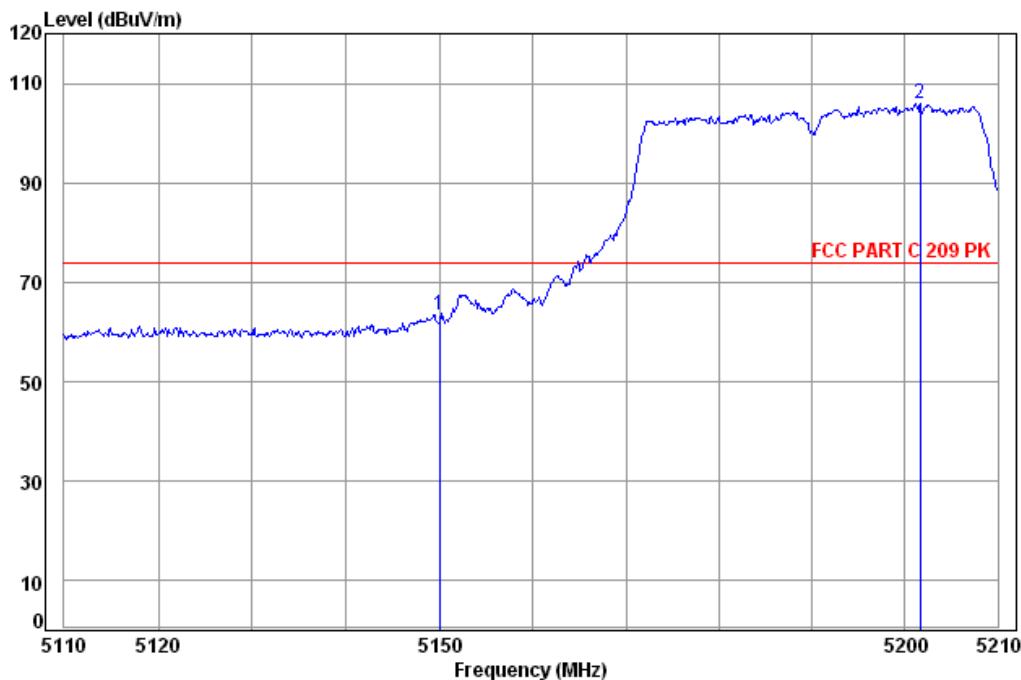
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5821.02	7.11	35.95	39.20	77.65	81.51	78.20 3.31
2	5860.00	7.20	36.03	39.20	35.90	39.93	68.20 -28.27

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Vertical
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Data: 47



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

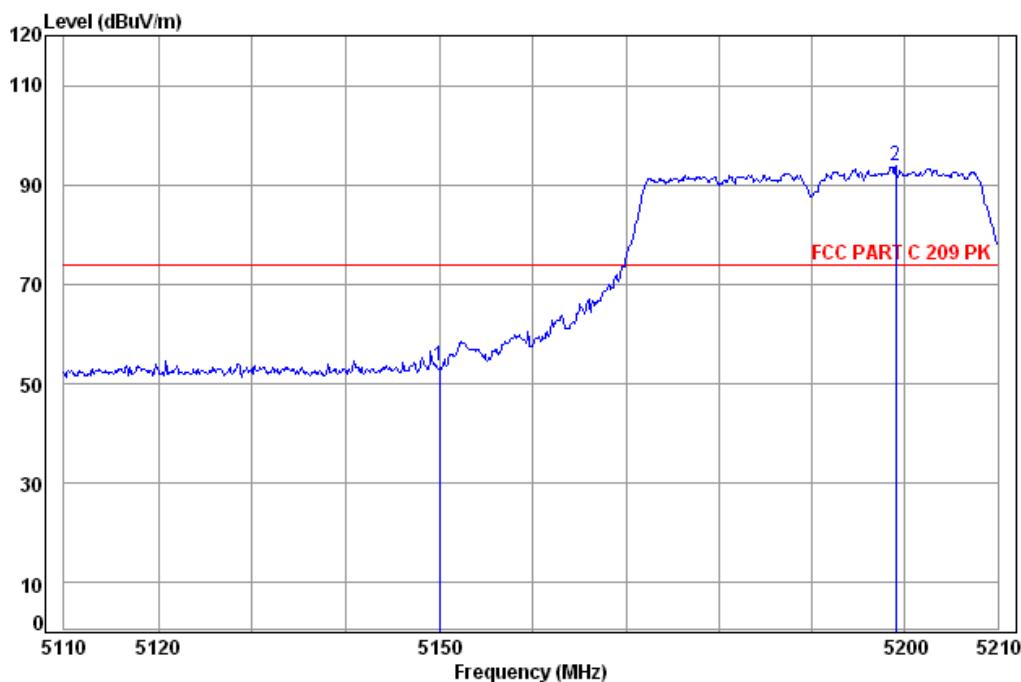
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	61.87	63.55	74.00	-10.45
2 pp	5201.63	6.14	34.85	39.27	104.14	105.86	74.00	31.86

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Horizontal
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Data: 45



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

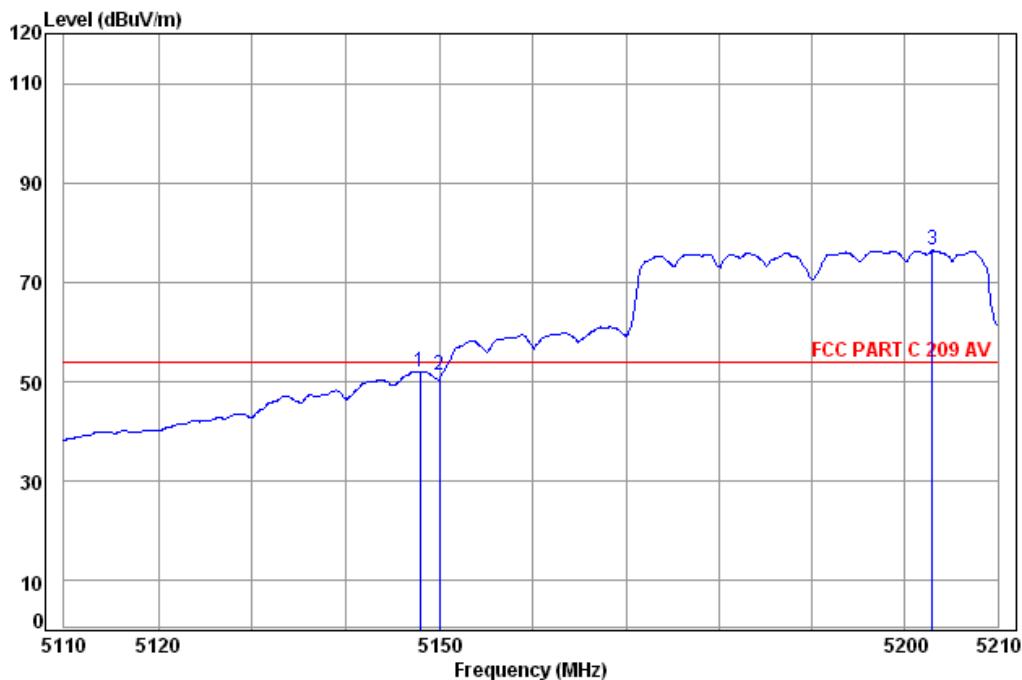
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	52.10	53.78	74.00	-20.22
2 pp	5199.01	6.14	34.85	39.28	92.08	93.79	74.00	19.79

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Vertical
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Data: 48



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

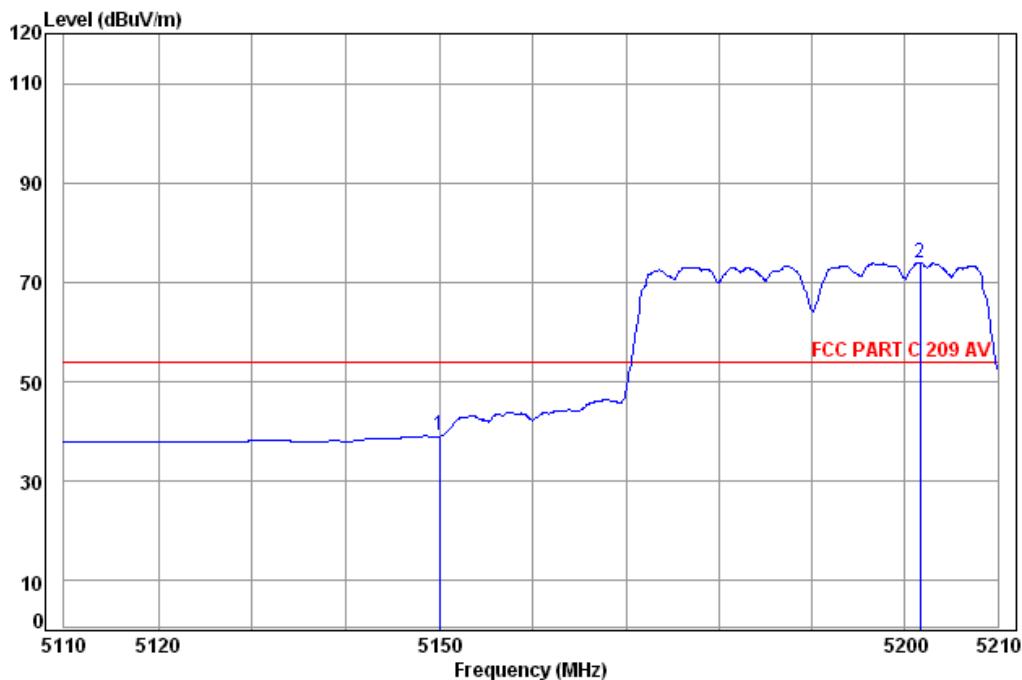
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5147.87	6.10	34.86	39.28	50.40	52.08	54.00	-1.92
2	5150.00	6.10	34.86	39.28	49.65	51.33	54.00	-2.67

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Horizontal
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Data: 46



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

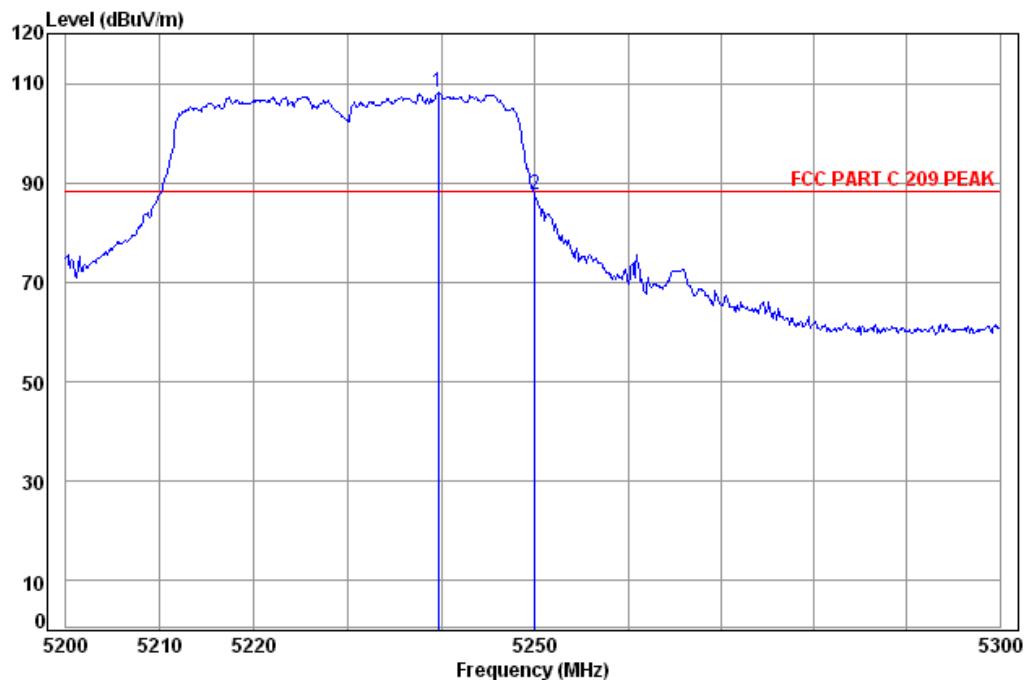
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	37.62	39.30	54.00 -14.70
2 pp	5201.63	6.14	34.85	39.27	72.28	74.00	54.00 20.00

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Vertical
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Data: 49



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

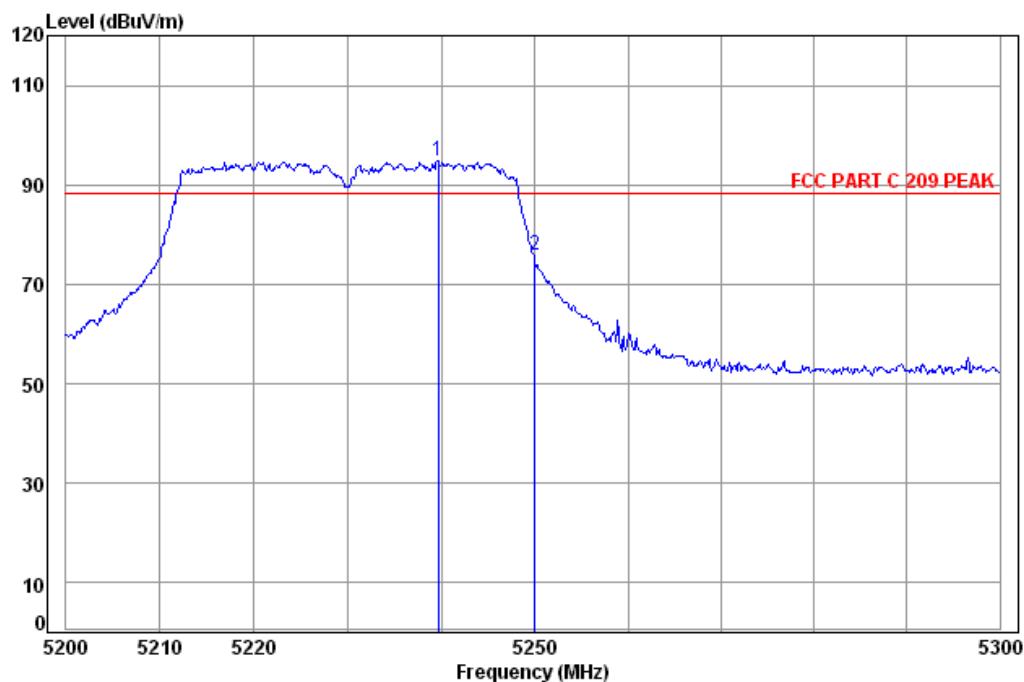
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5239.67	6.17	34.84	39.27	106.38	108.12	88.20	19.92
2	5250.00	6.18	34.83	39.27	85.82	87.56	88.20	-0.64

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Horizontal
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Data: 51



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

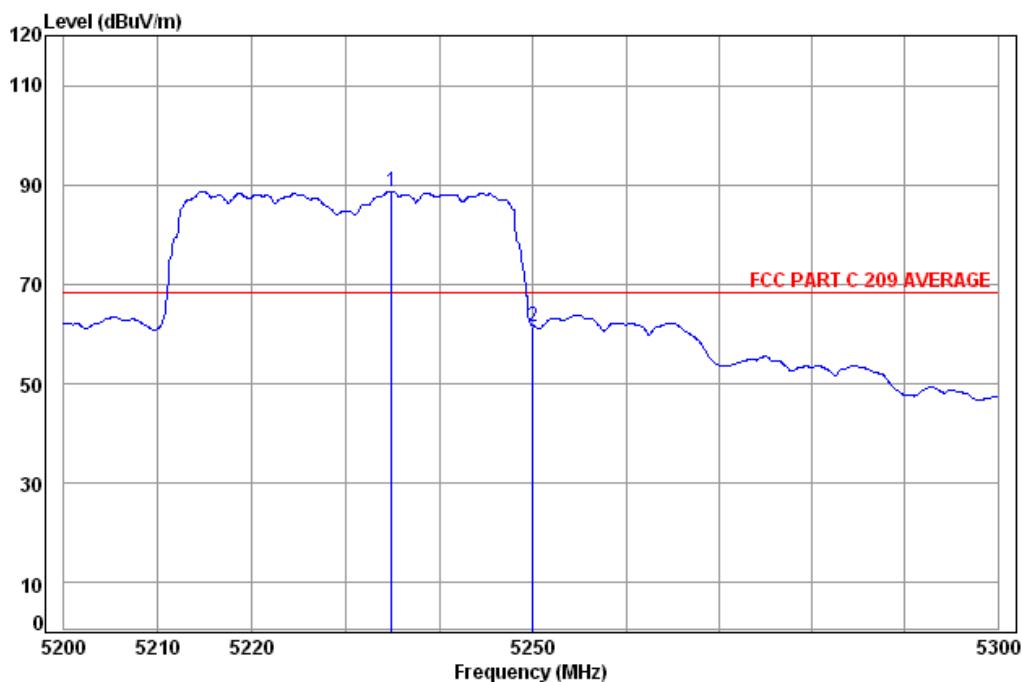
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5239.67	6.17	34.84	39.27	93.10	94.84	88.20	6.64
2	5250.00	6.18	34.83	39.27	74.15	75.89	88.20	-12.31

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Vertical
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Data: 50



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

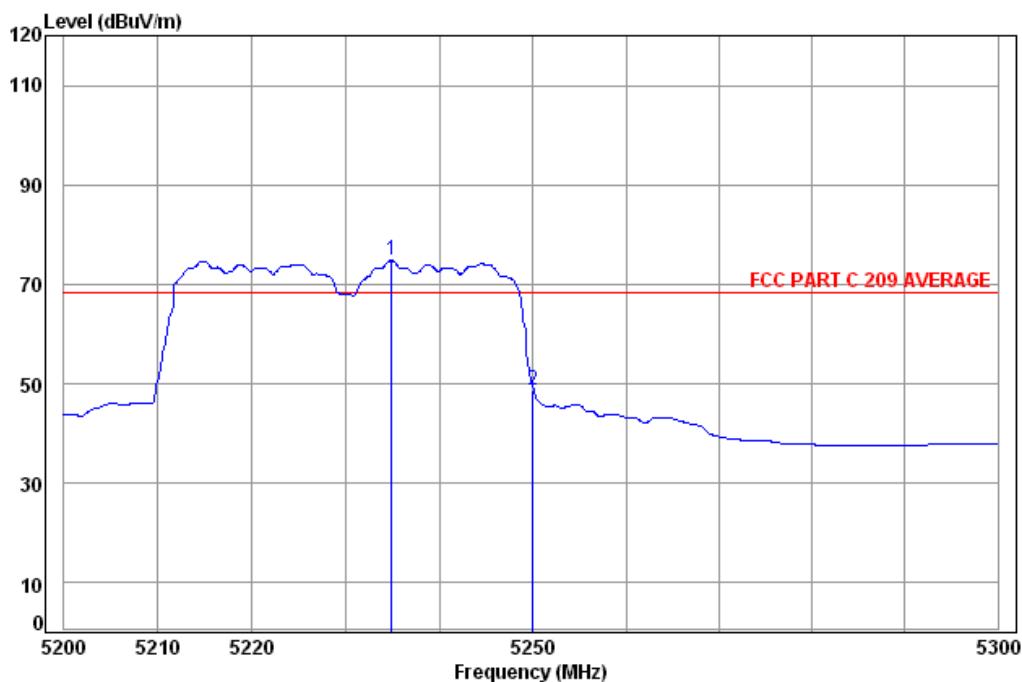
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5234.88	6.17	34.84	39.27	87.03	88.77	68.20	20.57
2	5250.00	6.18	34.83	39.27	59.83	61.57	68.20	-6.63

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Horizontal
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Data: 52



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

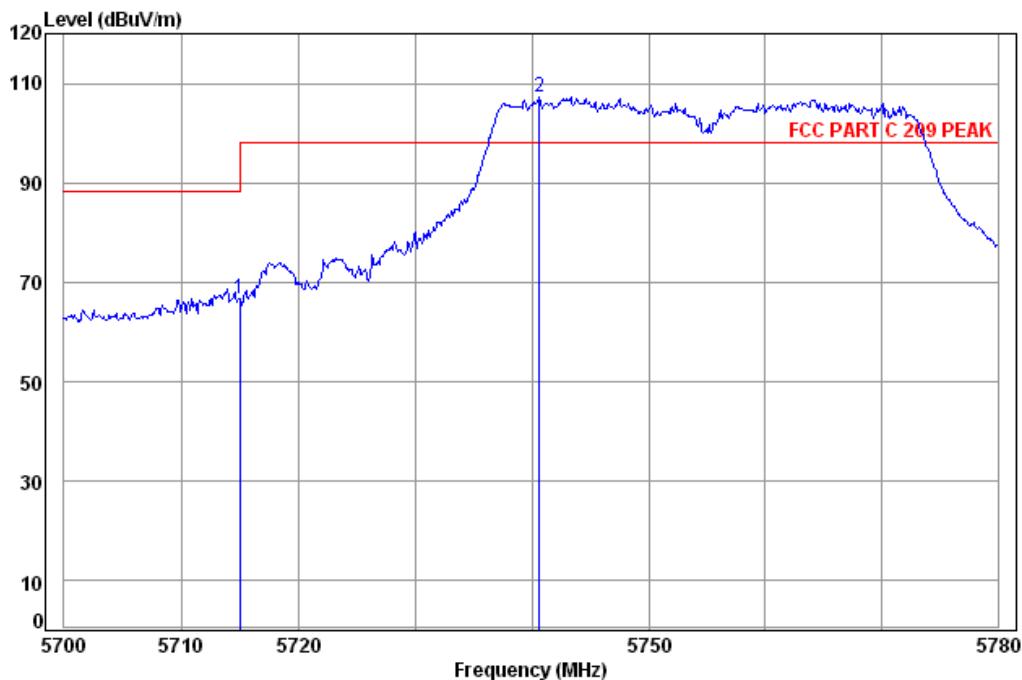
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5234.88	6.17	34.84	39.27	73.03	74.77	68.20	6.57
2	5250.00	6.18	34.83	39.27	47.08	48.82	68.20	-19.38

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Vertical
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Data: 55



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

Job No: : 0090IT

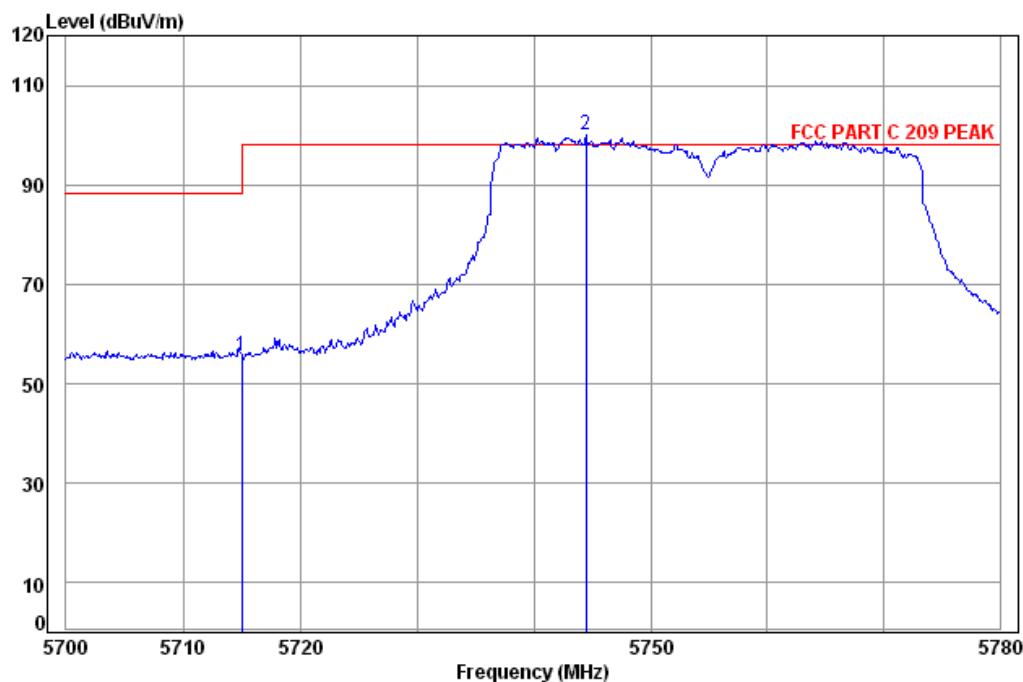
Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	63.49	66.85	88.20	-21.35
2 pp	5740.58	6.93	35.77	39.21	103.73	107.22	98.20	9.02



Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Horizontal
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Data: 53



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

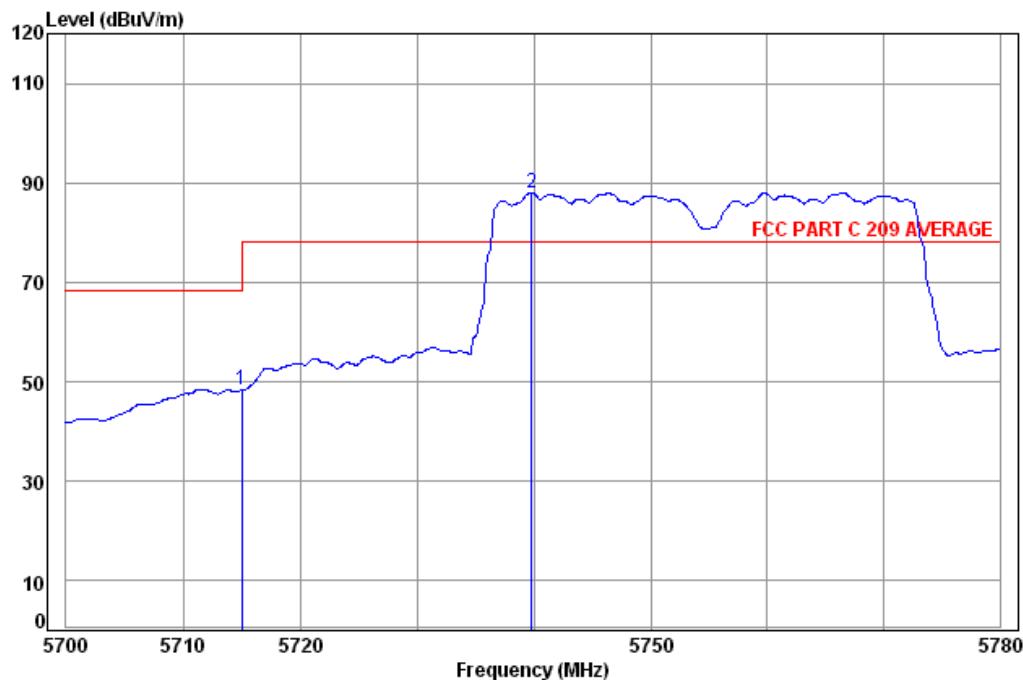
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.31	55.67	88.20 -32.53
2 pp	5744.42	6.93	35.78	39.21	96.53	100.03	98.20 1.83

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Vertical
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Data: 56



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

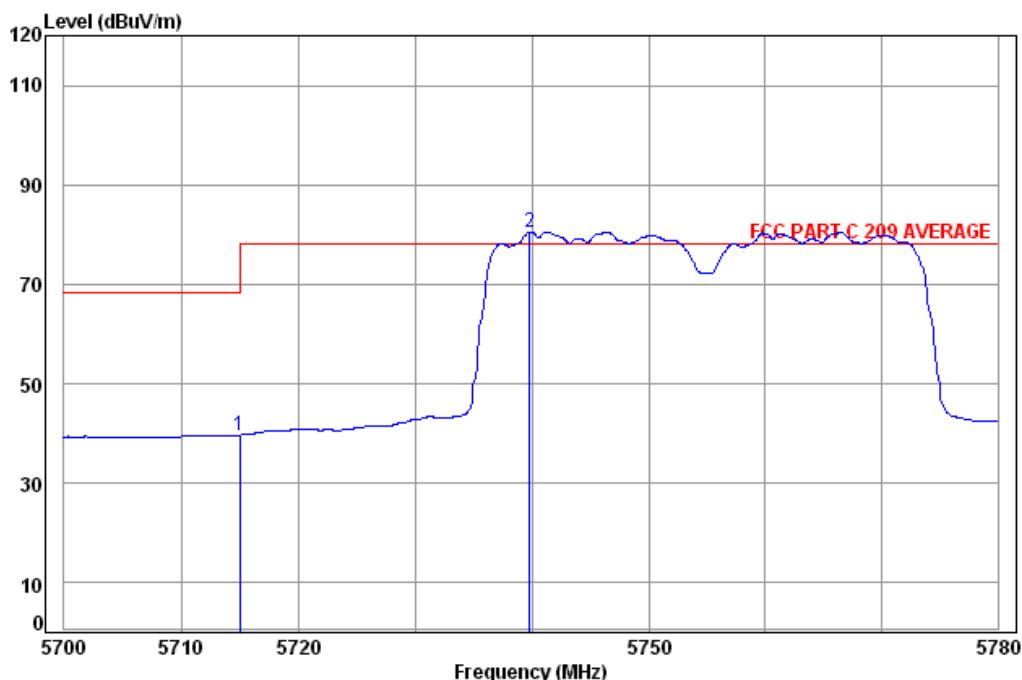
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	44.93	48.29	68.20	-19.91
2 pp	5739.78	6.92	35.76	39.21	84.50	87.97	78.20	9.77

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Horizontal
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Data: 54



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

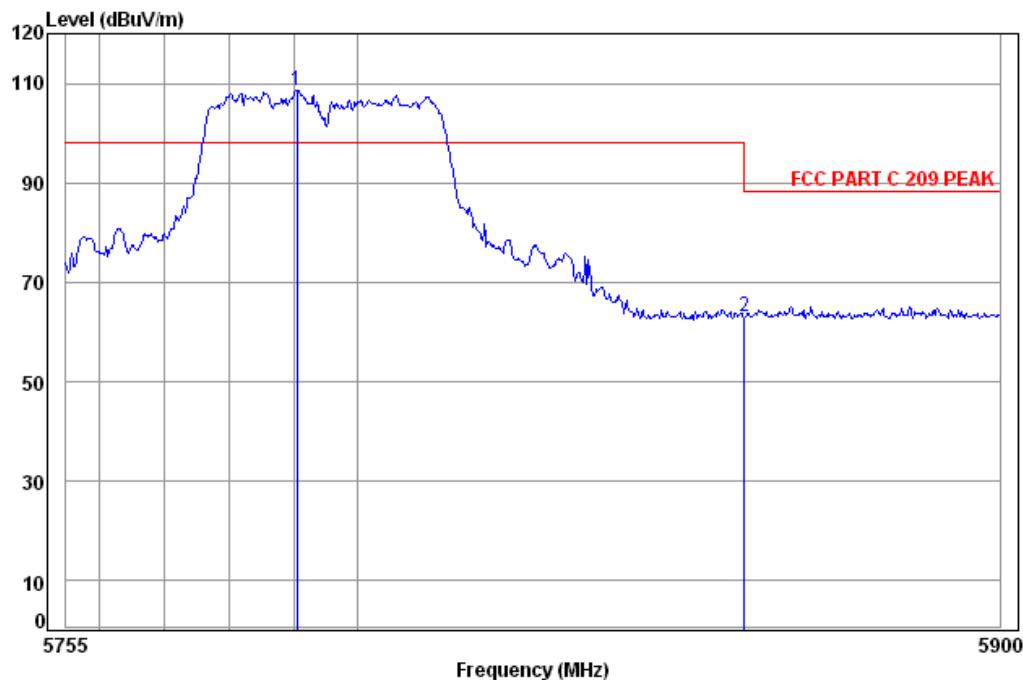
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.37	39.73	68.20	-28.47
2 pp	5739.78	6.92	35.76	39.21	77.08	80.55	78.20	2.35

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Vertical
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Data: 57



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

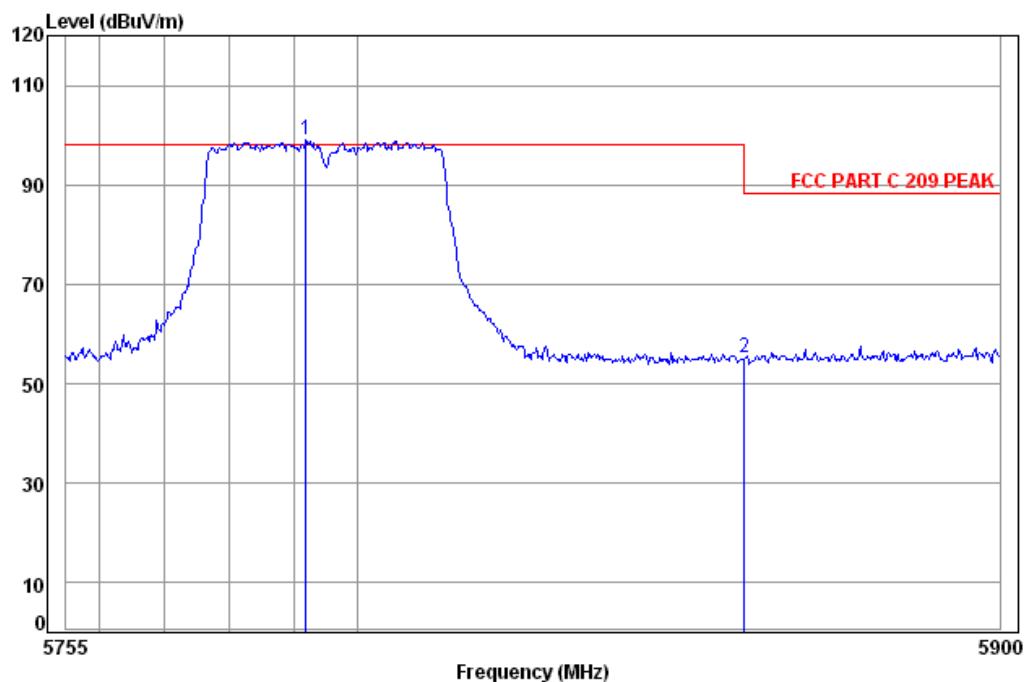
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5790.48	7.04	35.89	39.21	104.89	108.61	98.20	10.41
2	5860.00	7.20	36.03	39.20	59.16	63.19	88.20	-25.01

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Horizontal
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Data: 59



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

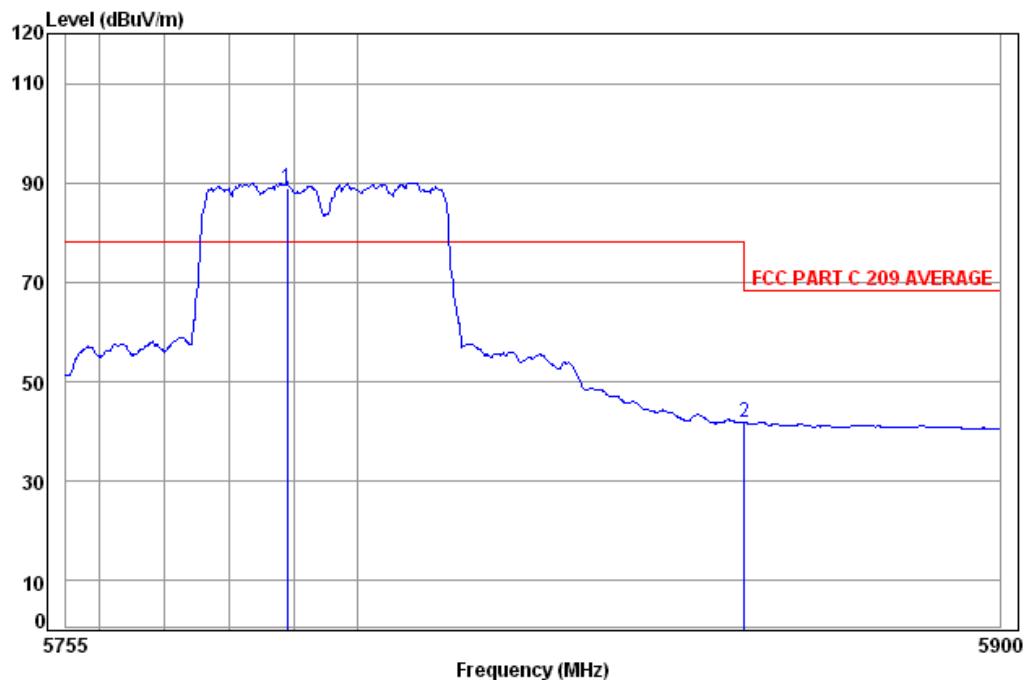
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5791.92	7.04	35.89	39.21	95.32	99.04	98.20	0.84
2	5860.00	7.20	36.03	39.20	51.11	55.14	88.20	-33.06

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Vertical
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Data: 58



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

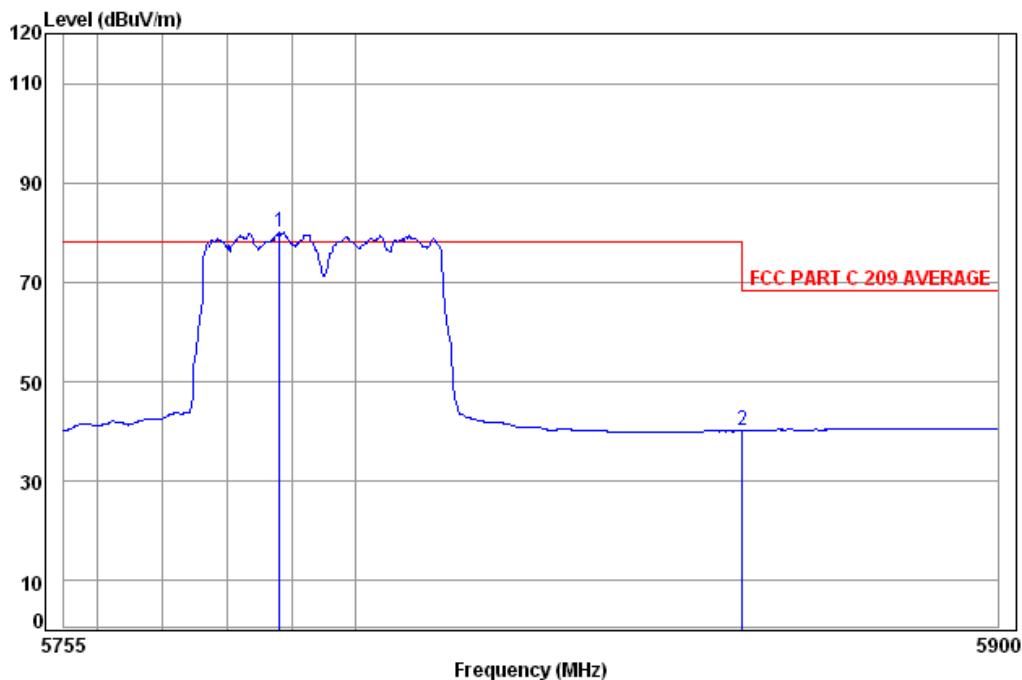
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5789.04	7.04	35.88	39.21	85.39	89.10	78.20	10.90
2	5860.00	7.20	36.03	39.20	37.78	41.81	68.20	-26.39

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Horizontal
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Data: 60



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5795 N40 Band edge

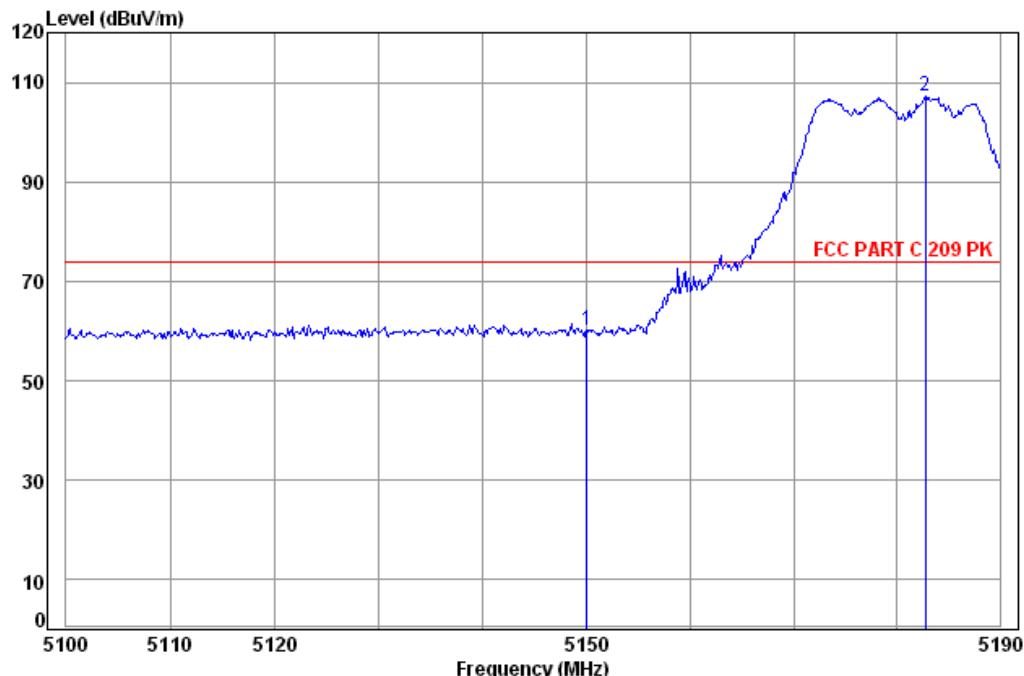
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5788.18	7.03	35.88	39.21	76.33	80.03	78.20	1.83
2	5860.00	7.20	36.03	39.20	36.06	40.09	68.20	-28.11

Wi-Fi 2

Test plot as follows:

Test mode:	802.11a	Test channel:	36	Remark:	Peak	Vertical
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Data: 68



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

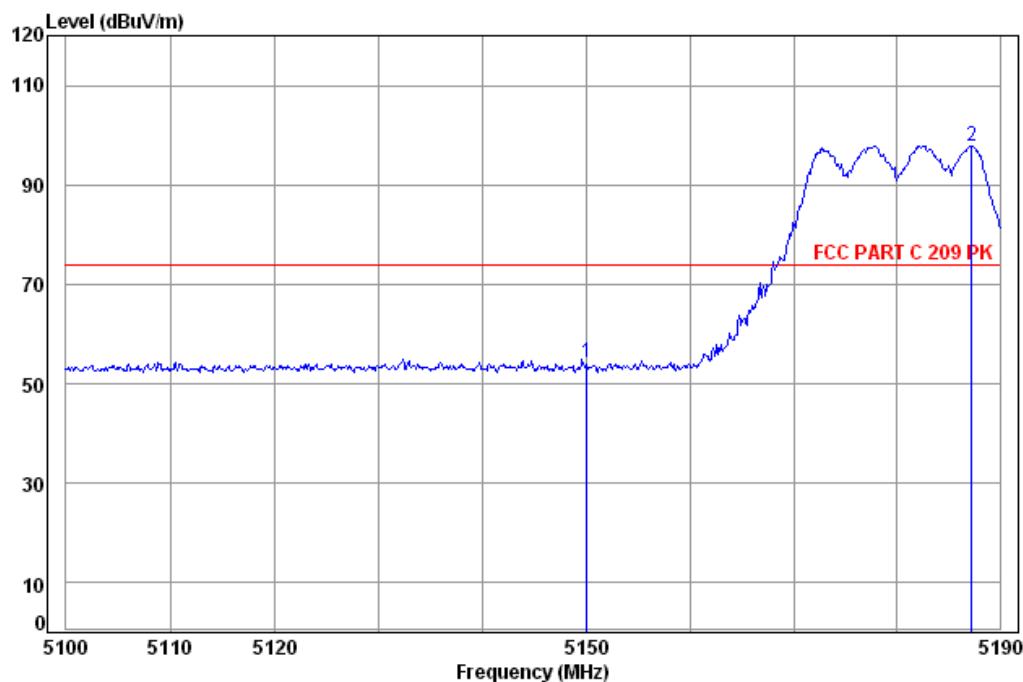
Job No: : 0090IT

Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	58.35	60.03	74.00	-13.97
2 pp	5182.74	6.13	34.85	39.28	105.46	107.16	74.00	33.16

Test mode:	802.11a	Test channel:	36	Remark:	Peak	Horizontal
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Data: 70



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

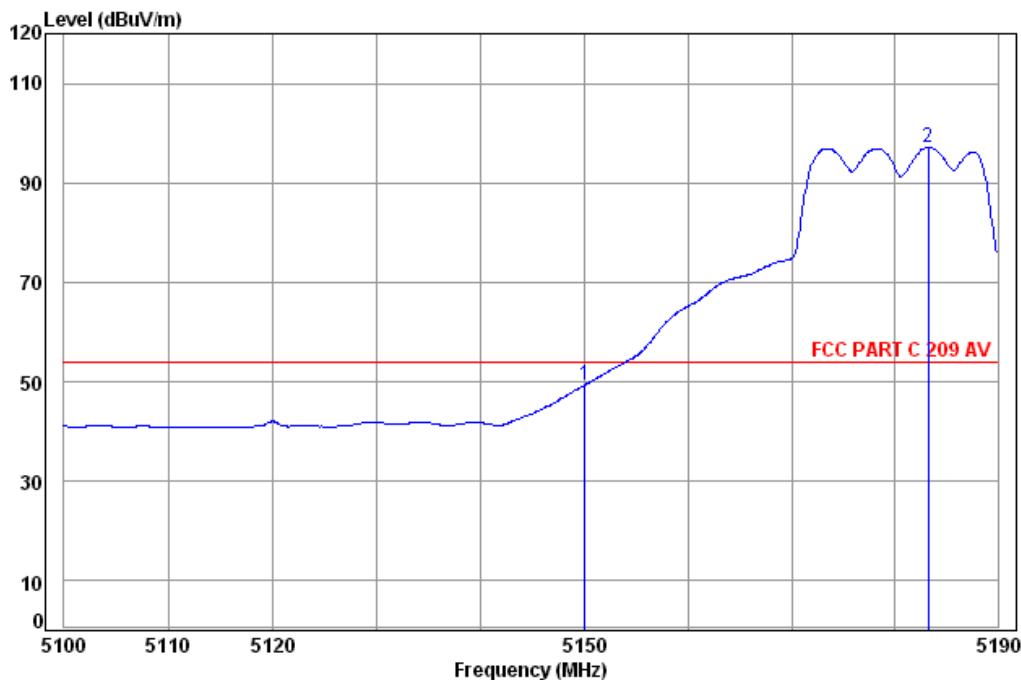
Job No: : 0090IT

Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	52.52	54.20	74.00 -19.80
2 pp	5187.28	6.13	34.85	39.28	96.17	97.87	74.00 23.87

Test mode:	802.11a	Test channel:	36	Remark:	Average	Vertical
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Data: 69



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

Job No: : 0090IT

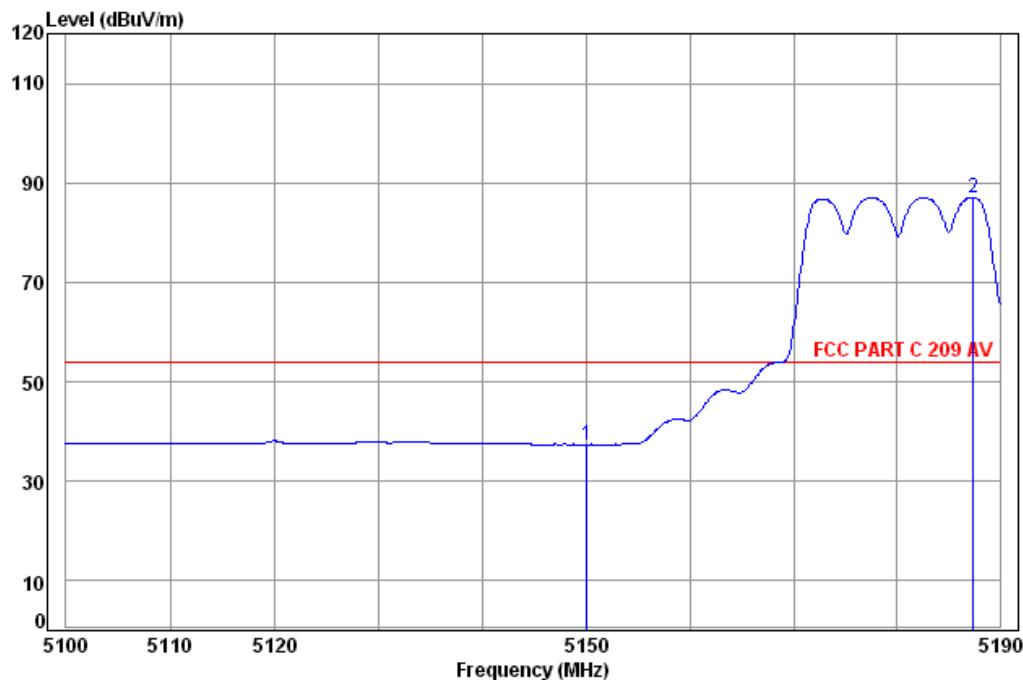
Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	47.58	49.26	54.00 -4.74
2 pp	5183.29	6.13	34.85	39.28	95.38	97.08	54.00 43.08



Test mode:	802.11a	Test channel:	36	Remark:	Average	Horizontal
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Data: 71



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

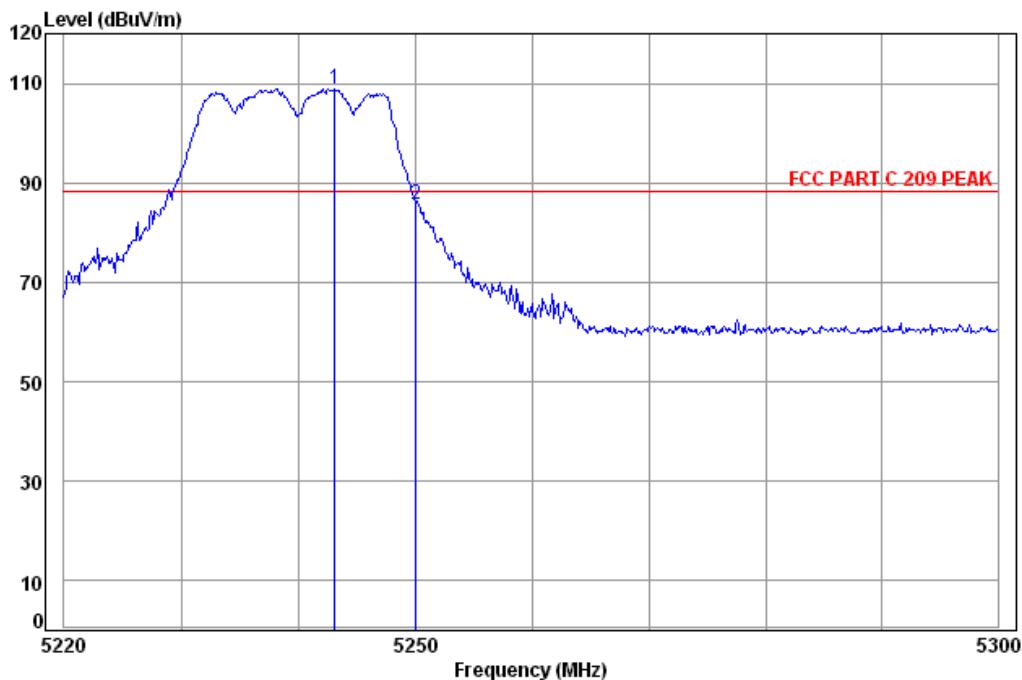
Job No: : 0090IT

Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	35.73	37.41	54.00 -16.59
2 pp	5187.46	6.13	34.85	39.28	85.34	87.04	54.00 33.04

Test mode:	802.11a	Test channel:	48	Remark:	Peak	Vertical
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Data: 74



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

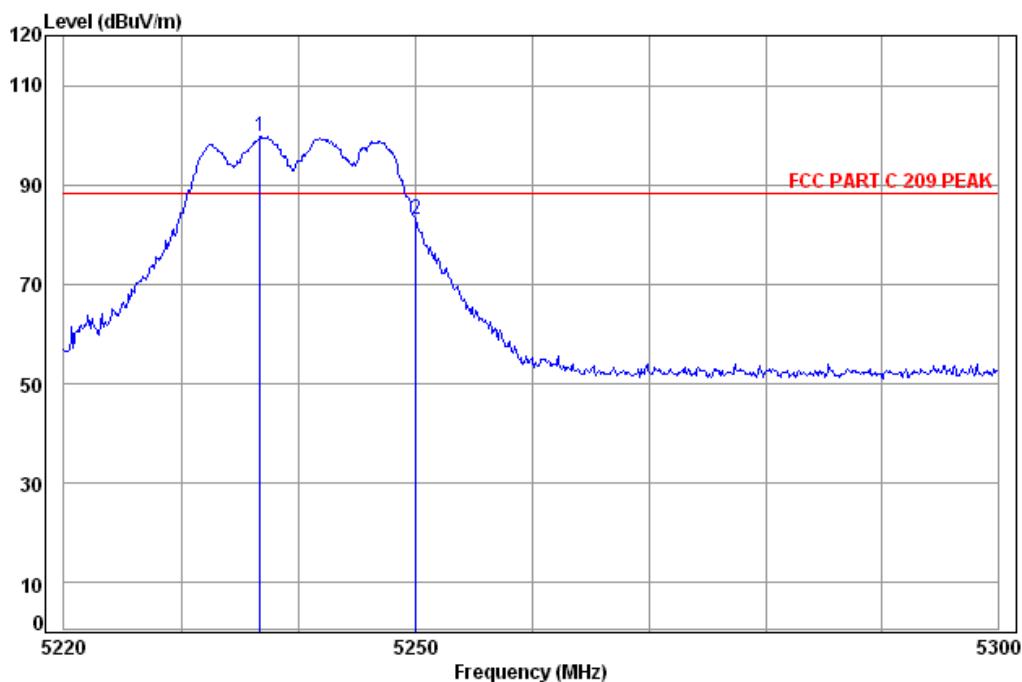
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5243.08	6.17	34.83	39.27	107.23	108.96	88.20	20.76
2	5250.00	6.18	34.83	39.27	83.83	85.57	88.20	-2.63

Test mode:	802.11a	Test channel:	48	Remark:	Peak	Horizontal
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Data: 72



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

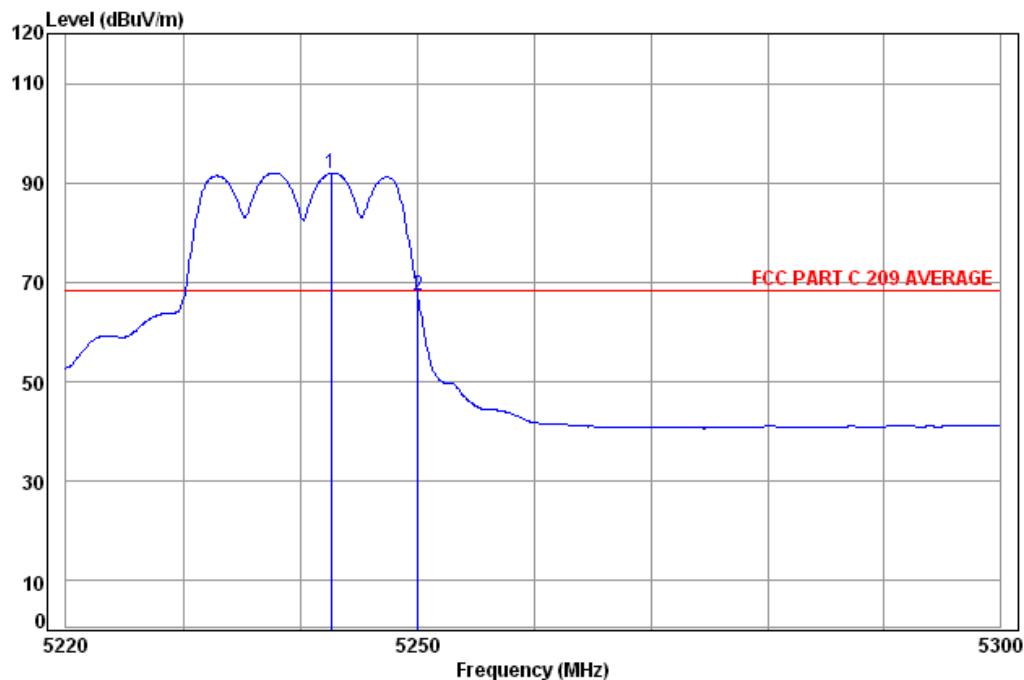
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5236.70	6.17	34.84	39.27	98.14	99.88	88.20	11.68
2	5250.00	6.18	34.83	39.27	81.21	82.95	88.20	-5.25

Test mode:	802.11a	Test channel:	48	Remark:	Average	Vertical
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Data: 75



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

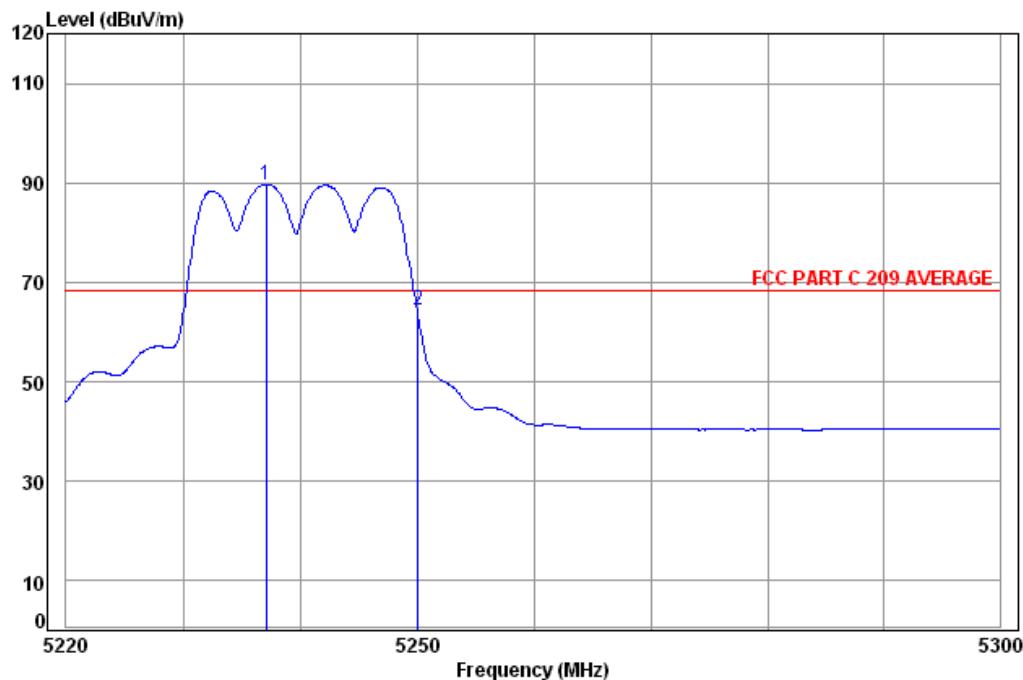
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5242.60	6.17	34.83	39.27	90.31	92.04	68.20	23.84
2	5250.00	6.18	34.83	39.27	65.50	67.24	68.20	-0.96

Test mode:	802.11a	Test channel:	48	Remark:	Average	Horizontal
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Data: 73



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

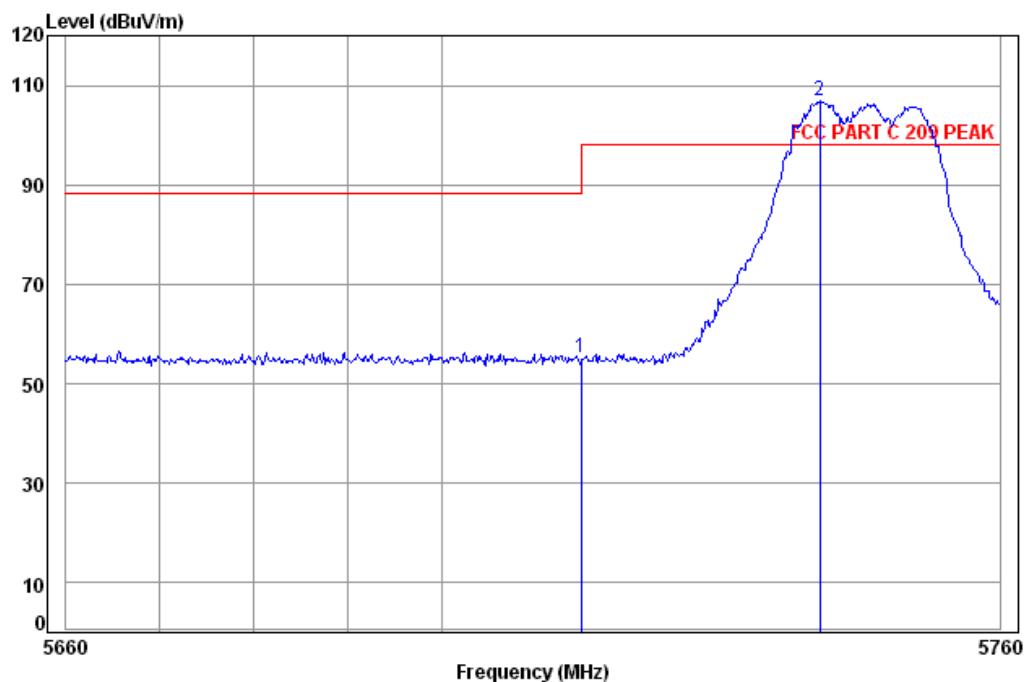
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5237.02	6.17	34.84	39.27	87.97	89.71	68.20	21.51
2	5250.00	6.18	34.83	39.27	62.71	64.45	68.20	-3.75

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Vertical
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Data: 76



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

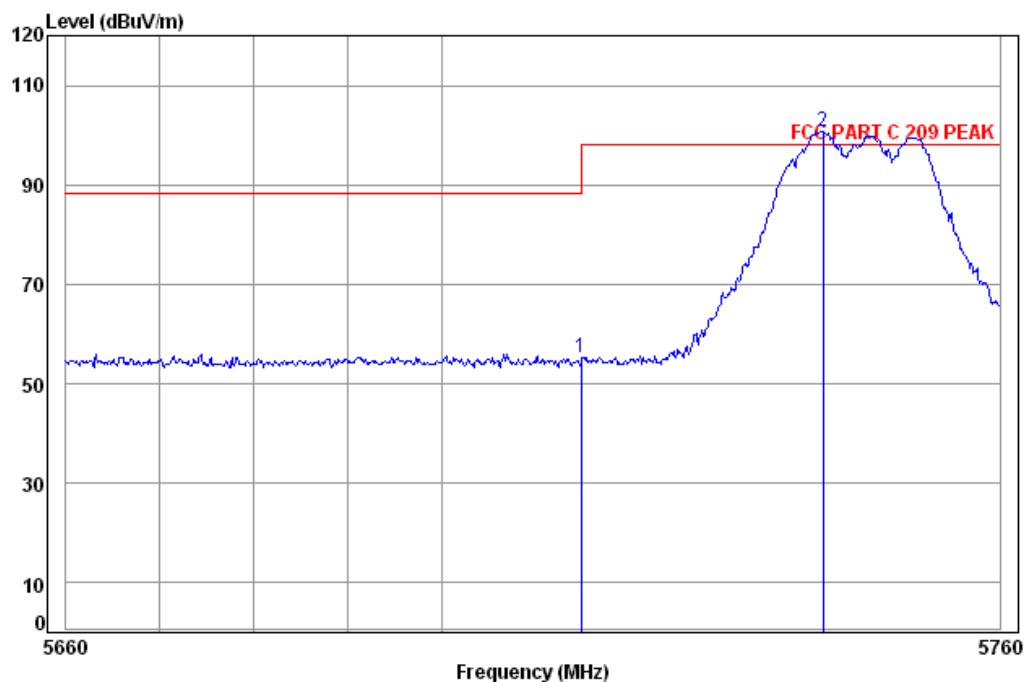
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	51.95	55.31	88.20 -32.89
2 pp	5740.56	6.93	35.77	39.21	103.36	106.85	98.20 8.65

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Horizontal
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Data: 78



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

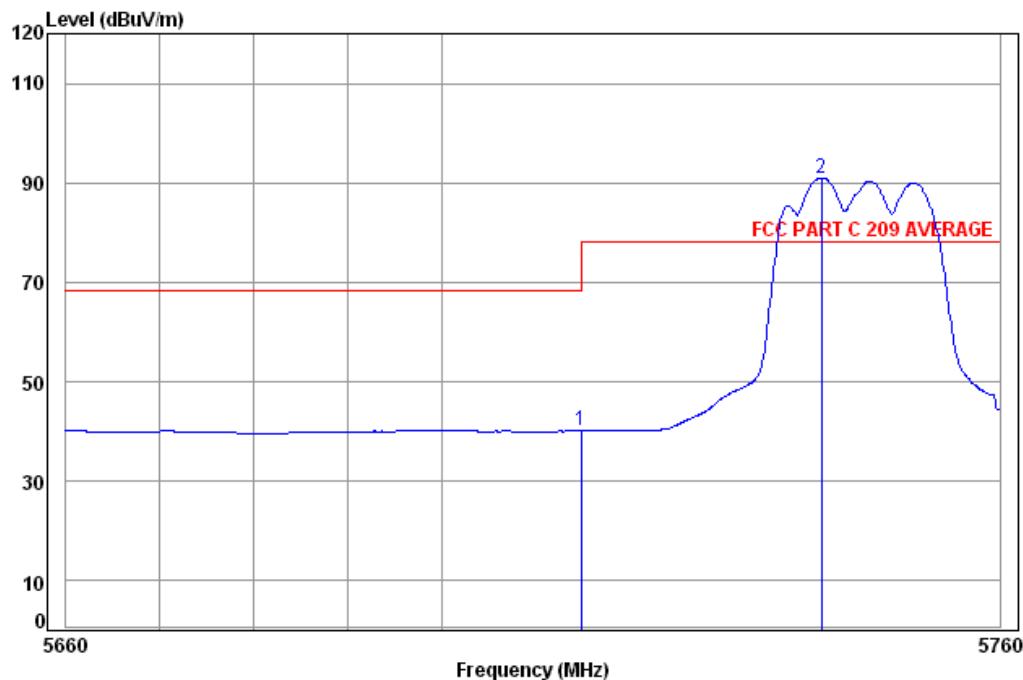
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read dB	Level dBuV	Limit dBuV/m	Over Line dB	Limit dB
	MHz	dB	dB/m	dB	dBuV	dBuV/m		
1	5715.00	6.87	35.70	39.21	52.00	55.36	88.20	-32.84
2 pp	5740.97	6.93	35.77	39.21	97.26	100.75	98.20	2.55

Test mode:	802.11a	Test channel:	149	Remark:	Average	Vertical
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Data: 77



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

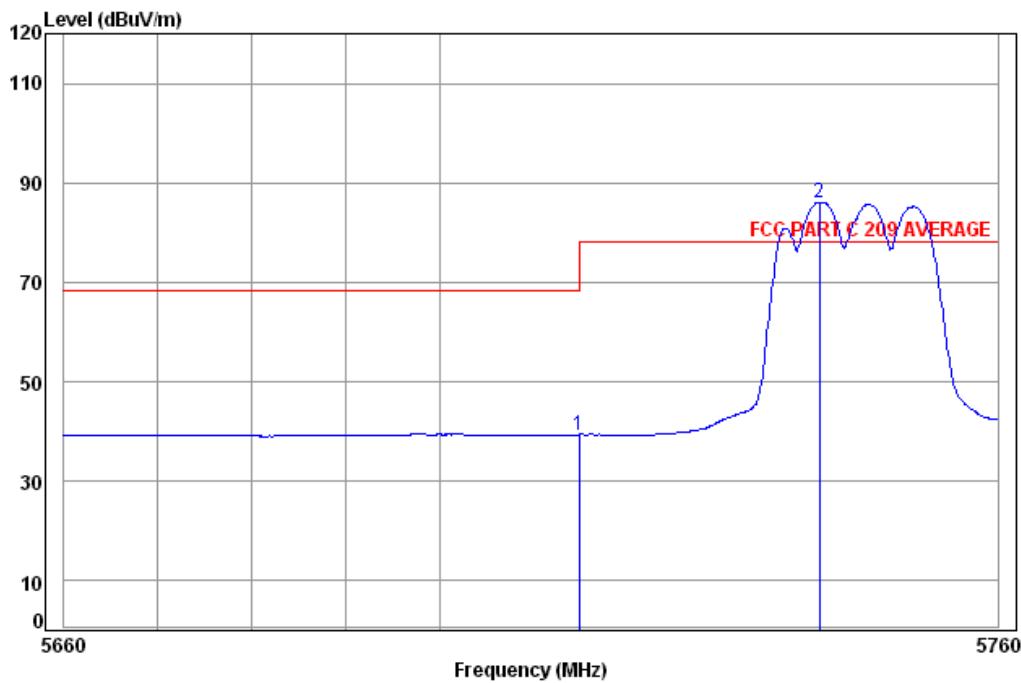
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.81	40.17	68.20 -28.03
2 pp	5740.77	6.93	35.77	39.21	87.55	91.04	78.20 12.84

Test mode:	802.11a	Test channel:	149	Remark:	Average	Horizontal
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Data: 79



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

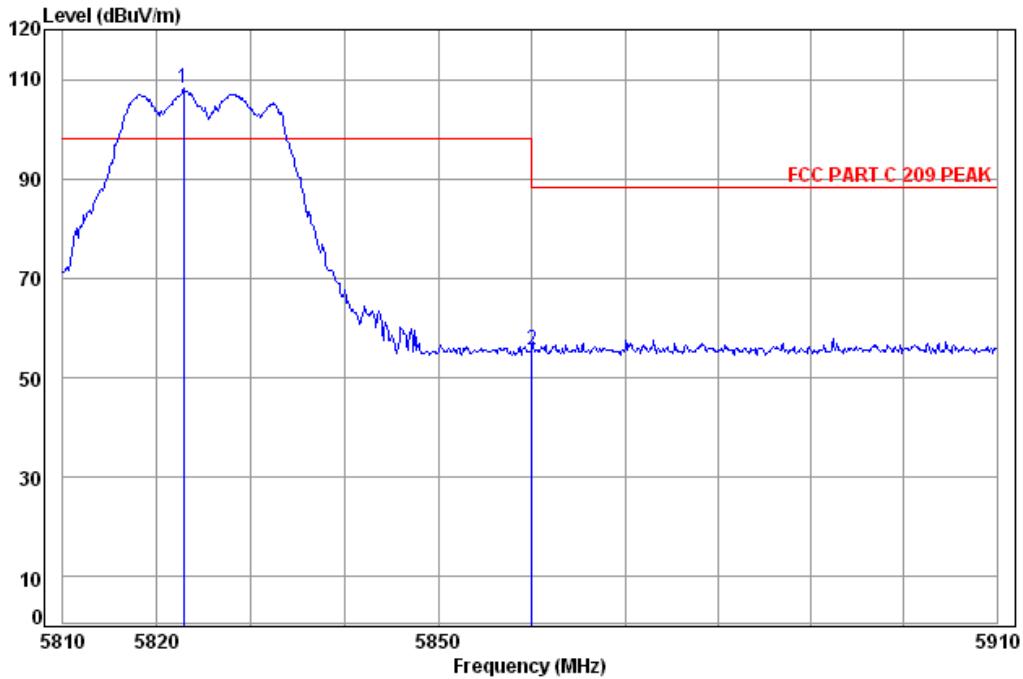
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.04	39.40	68.20 -28.80
2 pp	5740.77	6.93	35.77	39.21	82.65	86.14	78.20 7.94

Test mode:	802.11a	Test channel:	165	Remark:	Peak	Vertical
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Data: 82



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

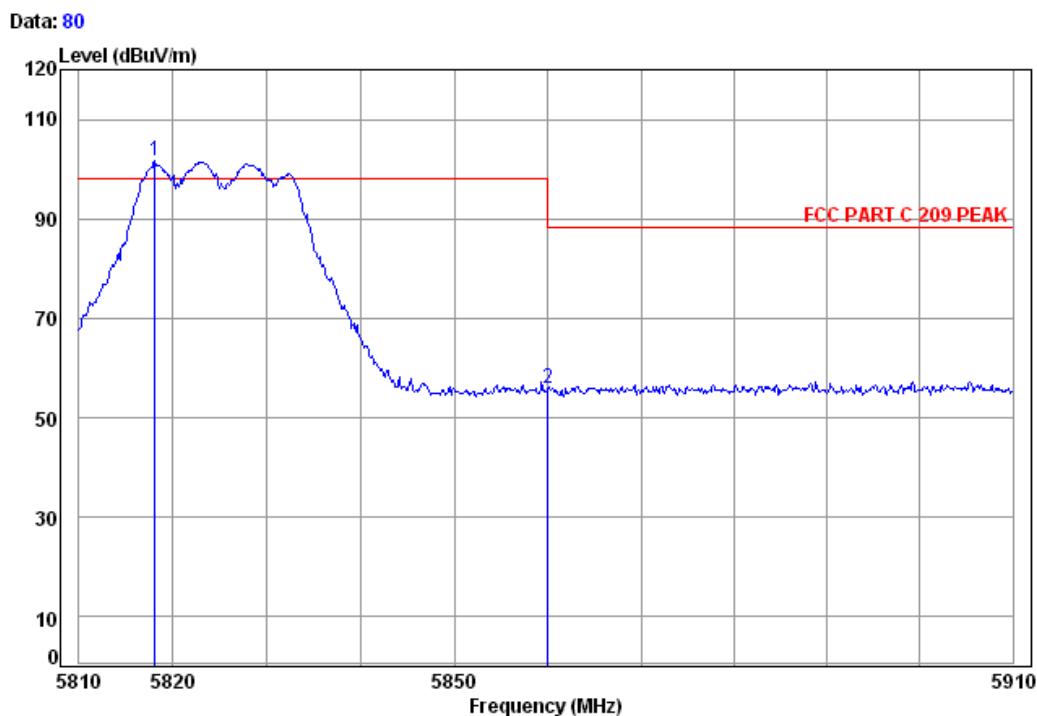
Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5822.80	7.11	35.96	39.20	104.44	108.31	98.20	10.11
2	5860.00	7.20	36.03	39.20	51.47	55.50	88.20	-32.70



Test mode:	802.11a	Test channel:	165	Remark:	Peak	Horizontal
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Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

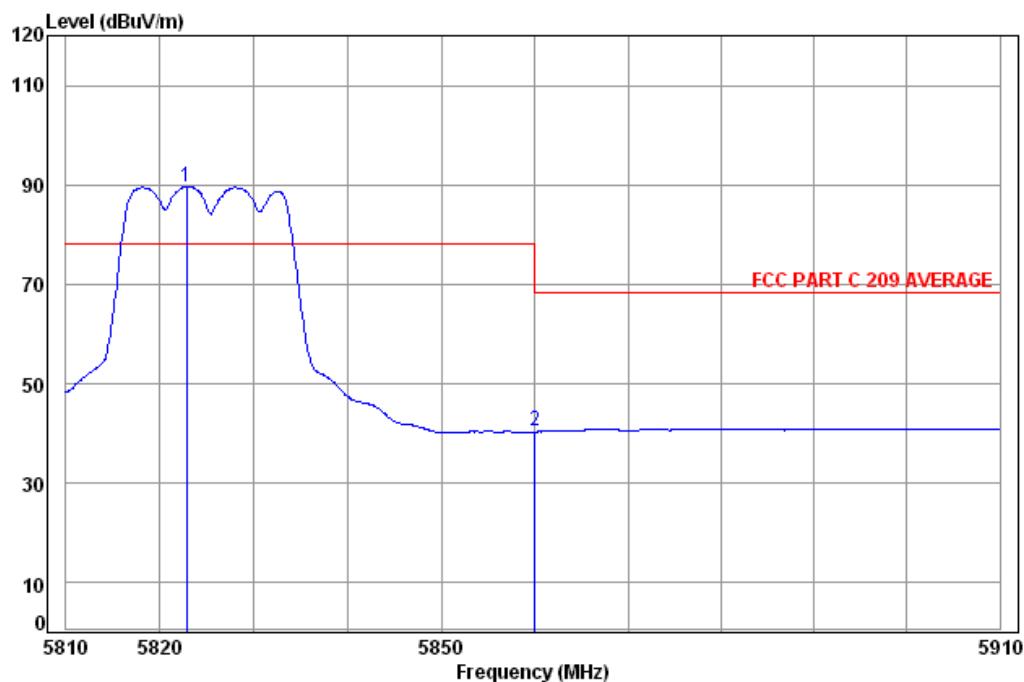
Job No: : 0090IT

Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5818.04	7.10	35.95	39.20	97.68	101.53	98.20 3.33
2	5860.00	7.20	36.03	39.20	51.85	55.88	88.20 -32.32

Test mode:	802.11a	Test channel:	165	Remark:	Average	Vertical
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Data: 83



Site : chamber

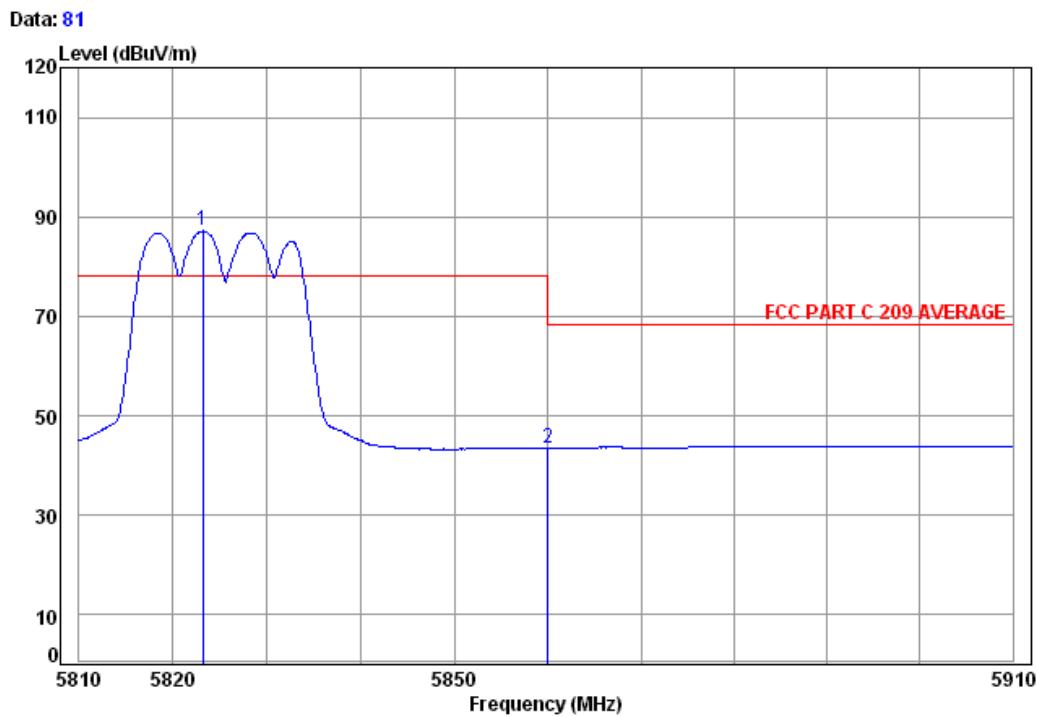
Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5822.80	7.11	35.96	39.20	85.74	89.61	78.20	11.41
2	5860.00	7.20	36.03	39.20	36.37	40.40	68.20	-27.80

Test mode:	802.11a	Test channel:	165	Remark:	Average	Horizontal
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Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

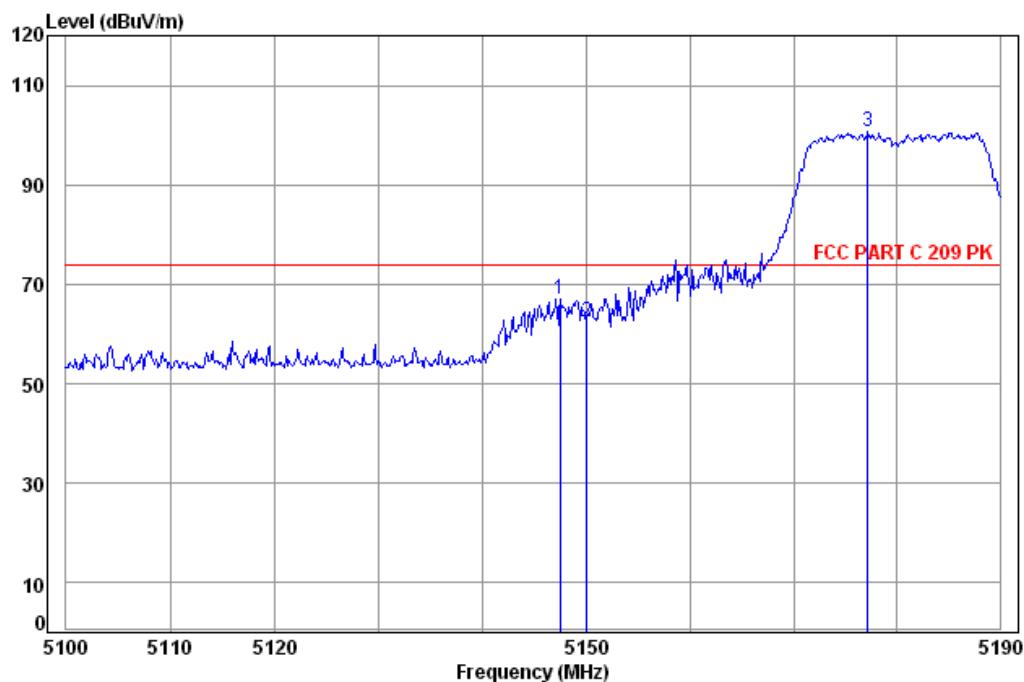
Job No: : 0090IT

Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5823.20	7.11	35.96	39.20	83.28	87.15	78.20 8.95
2	5860.00	7.20	36.03	39.20	39.41	43.44	68.20 -24.76

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Vertical
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Data: 98



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

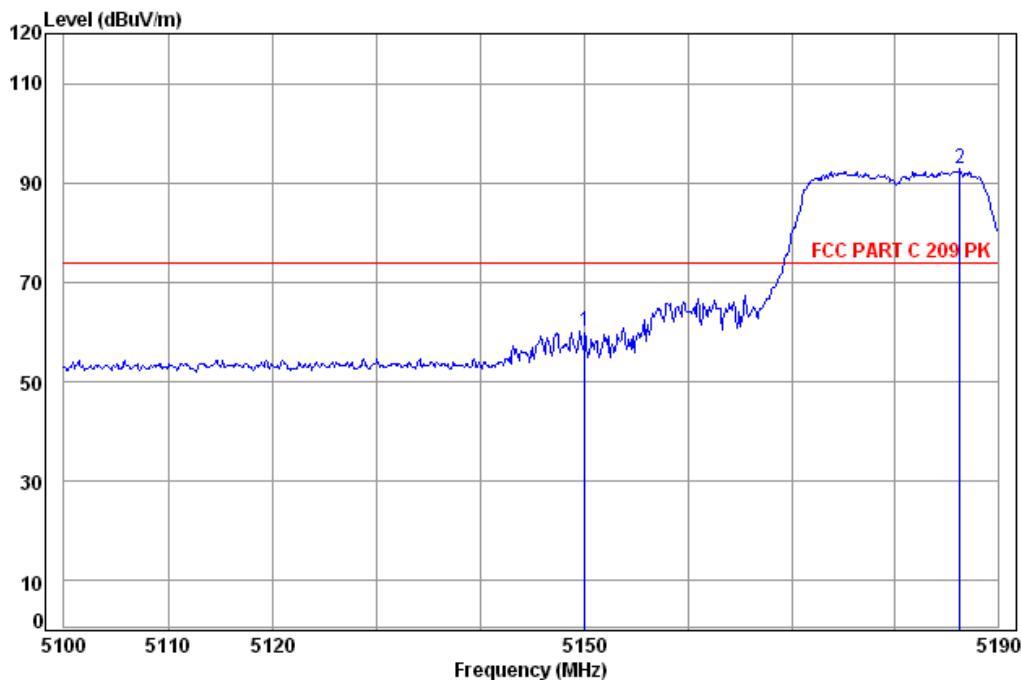
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5147.41	6.10	34.86	39.28	65.41	67.09	74.00	-6.91
2	5150.00	6.10	34.86	39.28	60.74	62.42	74.00	-11.58

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Horizontal
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Data: 96



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

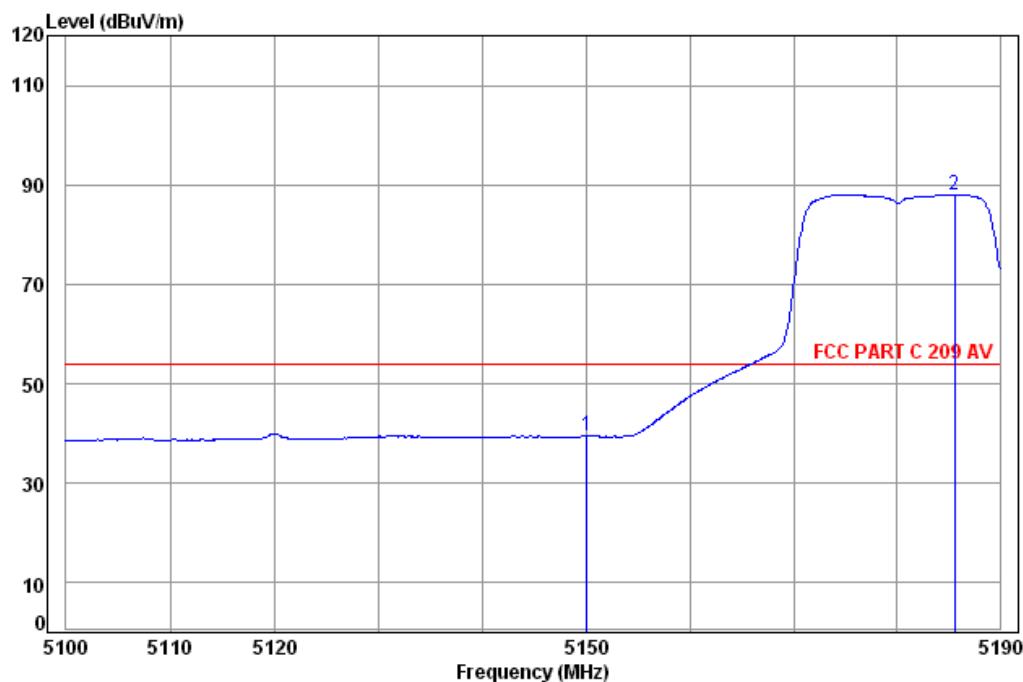
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	58.64	60.32	74.00 -13.68
2 pp	5186.37	6.13	34.85	39.28	91.23	92.93	74.00 18.93

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Vertical
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Data: 99



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

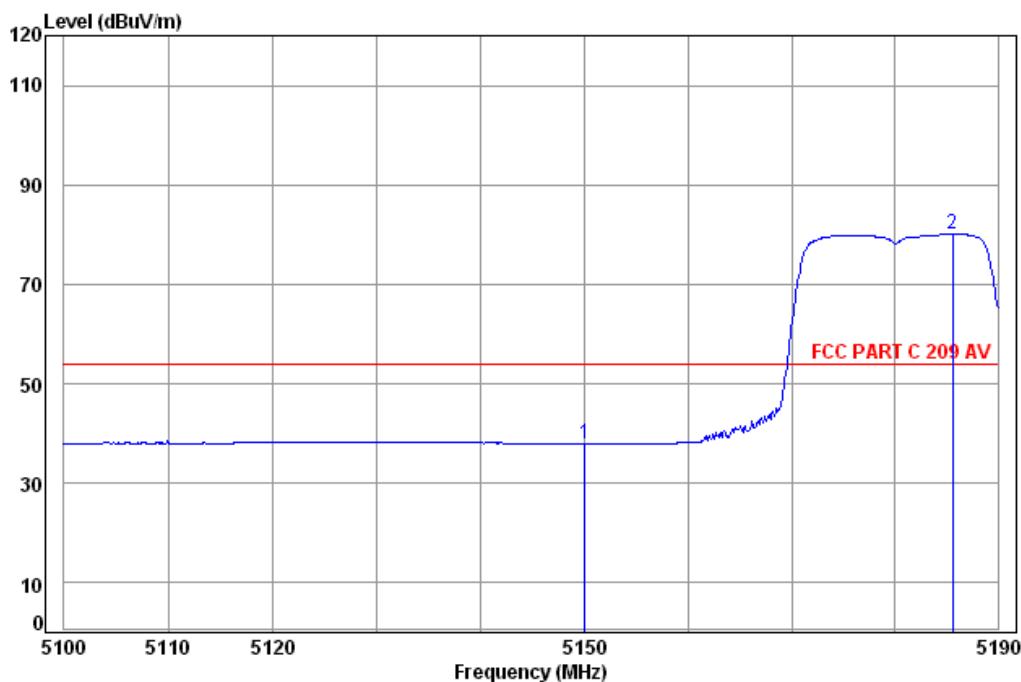
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	37.78	39.46	54.00	-14.54
2 pp	5185.64	6.13	34.85	39.28	86.33	88.03	54.00	34.03

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Horizontal
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Data: 97



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

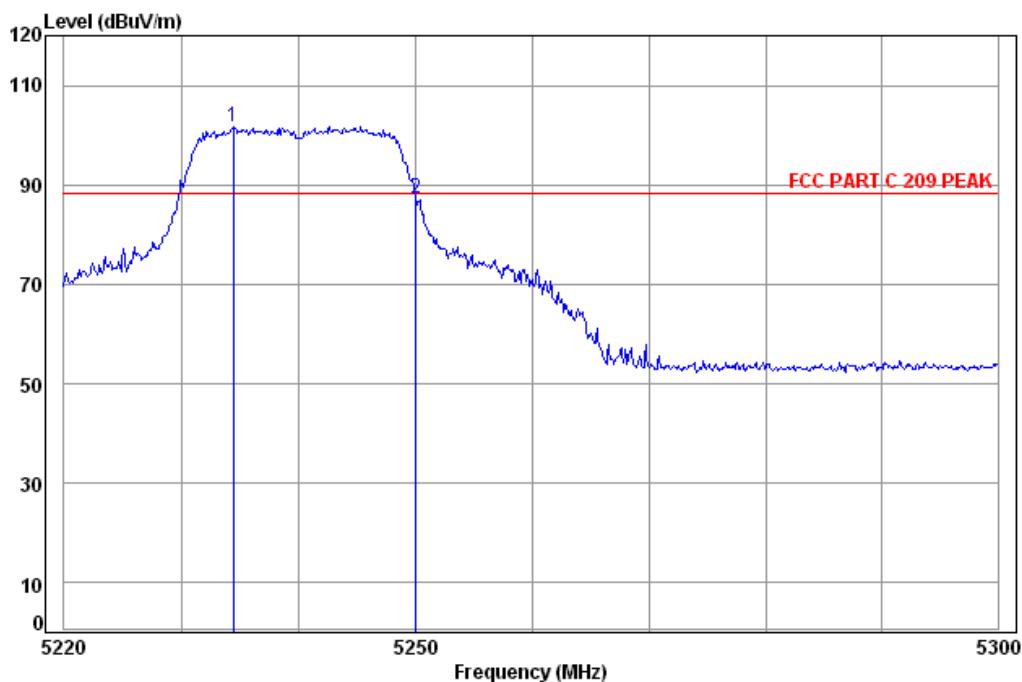
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	36.30	37.98	54.00 -16.02
2 pp	5185.64	6.13	34.85	39.28	78.46	80.16	54.00 26.16

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Vertical
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Data: 92



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

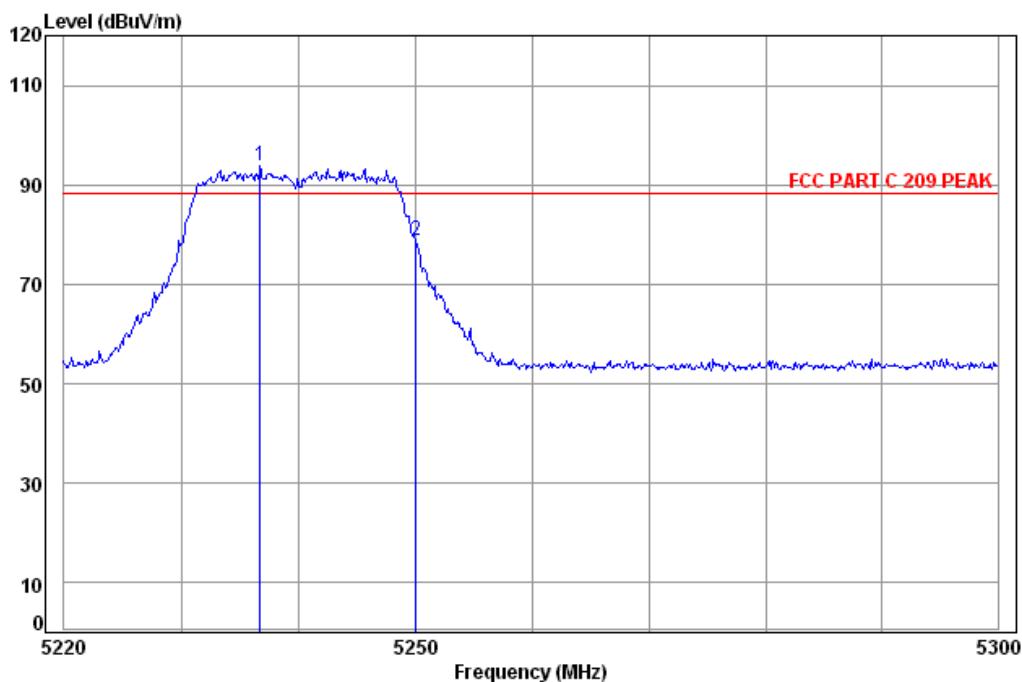
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5234.39	6.17	34.84	39.27	100.04	101.78	88.20	13.58
2	5250.00	6.18	34.83	39.27	85.52	87.26	88.20	-0.94

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Horizontal
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Data: 94



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

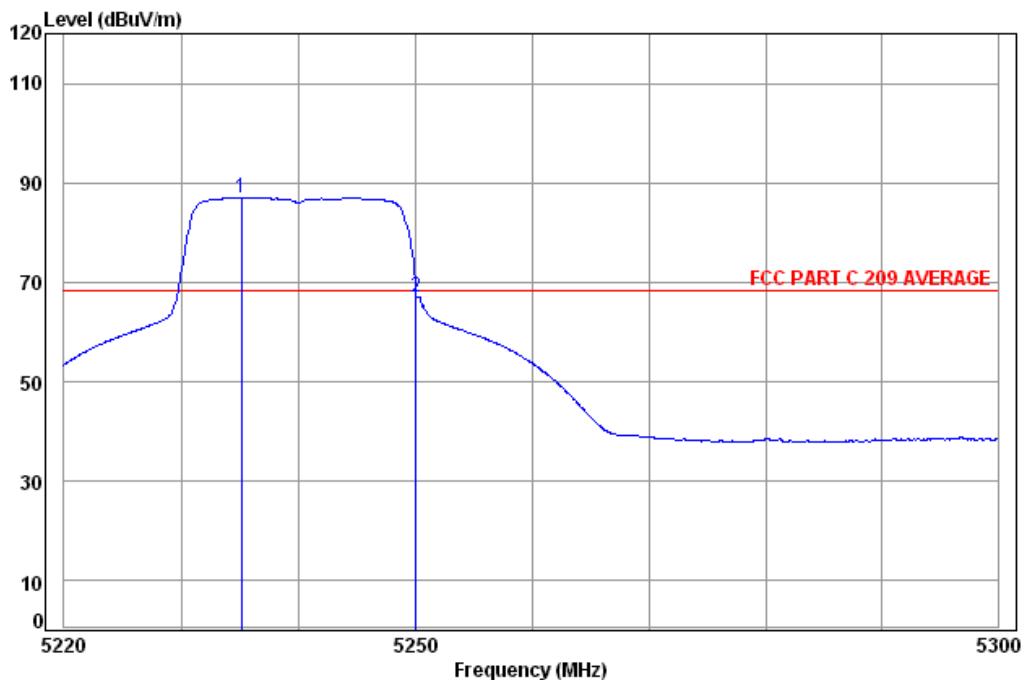
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5236.70	6.17	34.84	39.27	92.08	93.82	88.20	5.62
2	5250.00	6.18	34.83	39.27	77.15	78.89	88.20	-9.31

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Vertical
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Data: 93



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

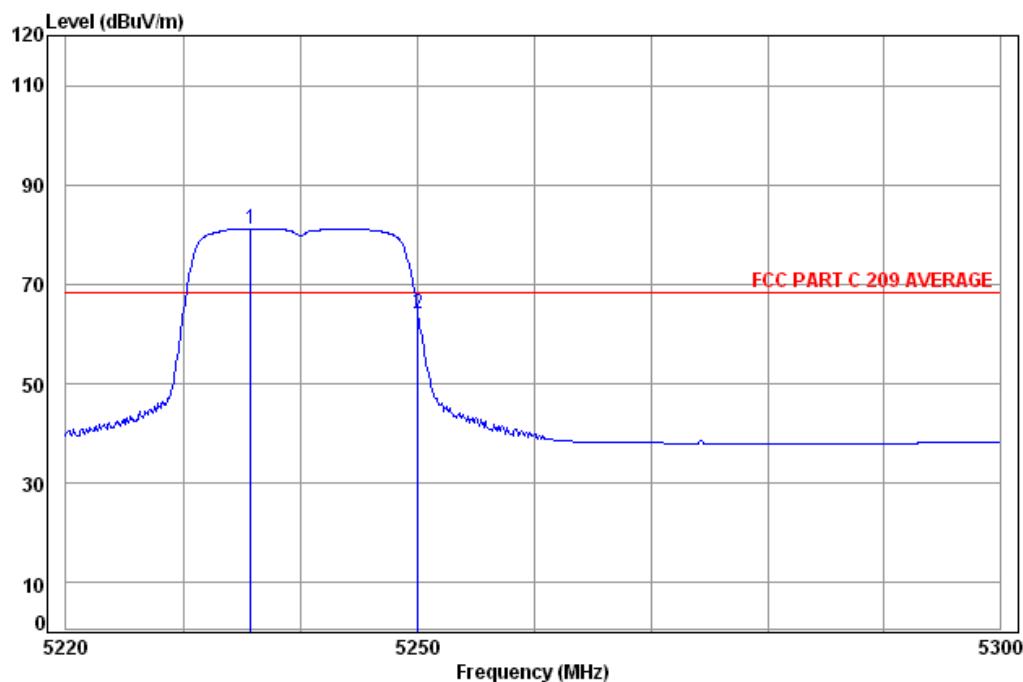
Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5235.11	6.17	34.84	39.27	85.17	86.91	68.20	18.71
2	5250.00	6.18	34.83	39.27	65.31	67.05	68.20	-1.15



Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Horizontal
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Data: 95



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

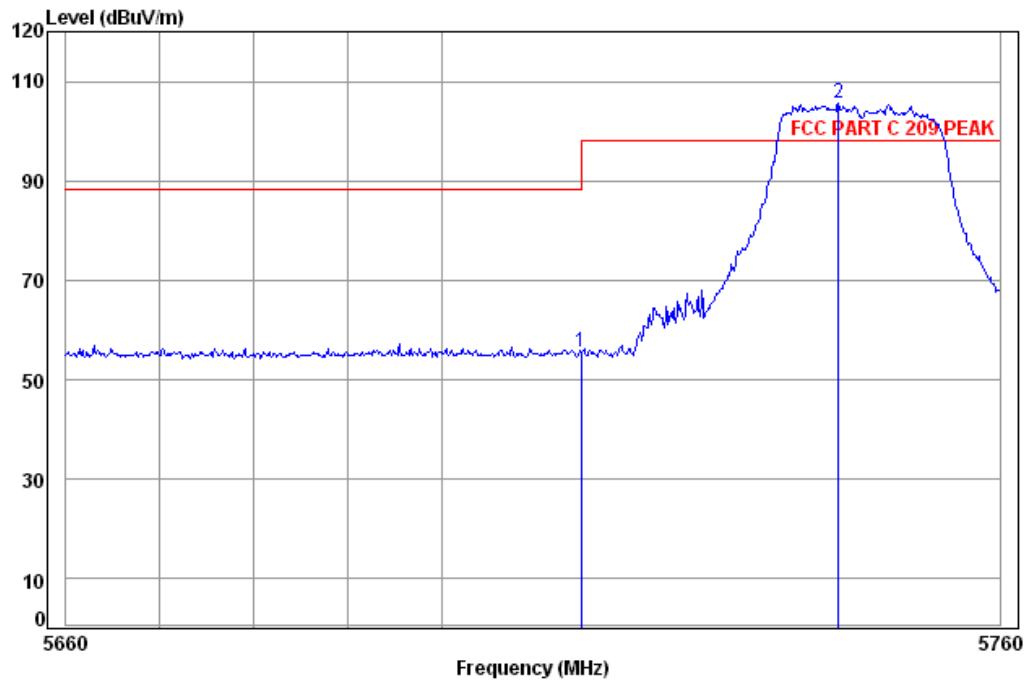
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5235.74	6.17	34.84	39.27	79.46	81.20	68.20	13.00
2	5250.00	6.18	34.83	39.27	62.33	64.07	68.20	-4.13

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Vertical
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Data: 90



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

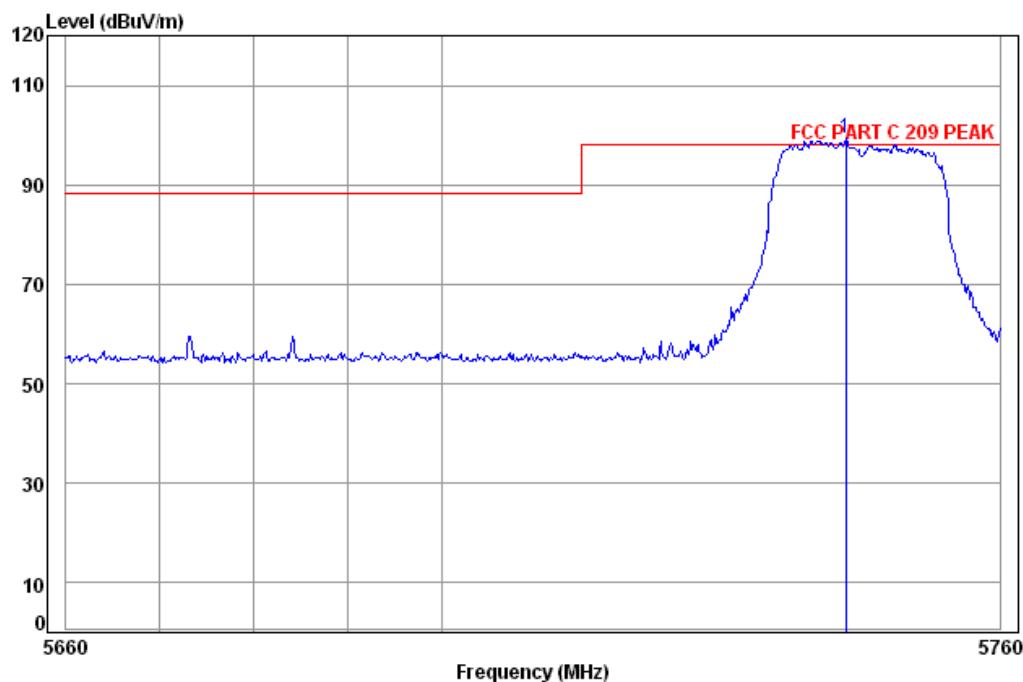
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.30	55.66	88.20	-32.54
2 pp	5742.58	6.93	35.77	39.21	102.06	105.55	98.20	7.35

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Horizontal
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Data: 88



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

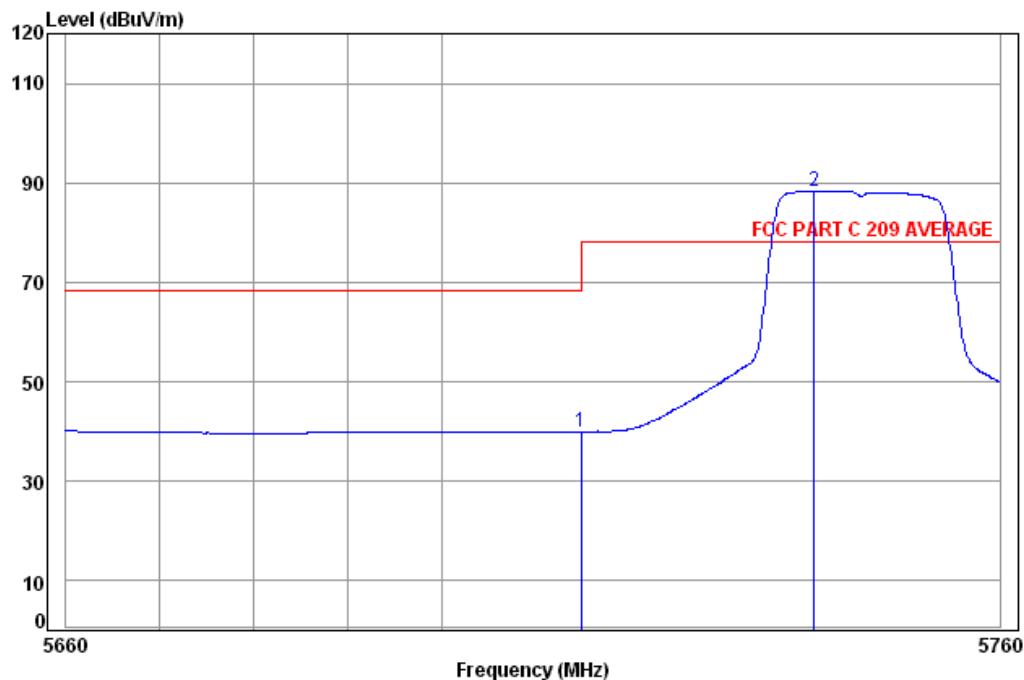
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5743.38	6.93	35.77	39.21	95.87	99.36	98.20 1.16

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Vertical
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Data: 91



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

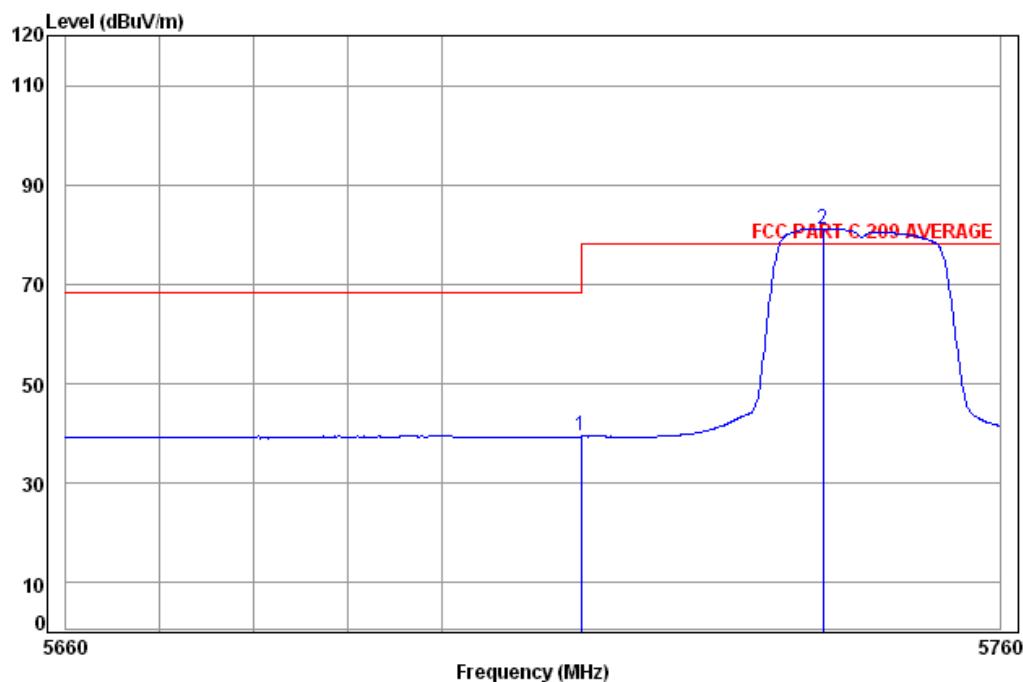
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.65	40.01	68.20 -28.19
2 pp	5739.96	6.92	35.76	39.21	84.92	88.39	78.20 10.19

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Horizontal
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Data: 89



Site : chamber

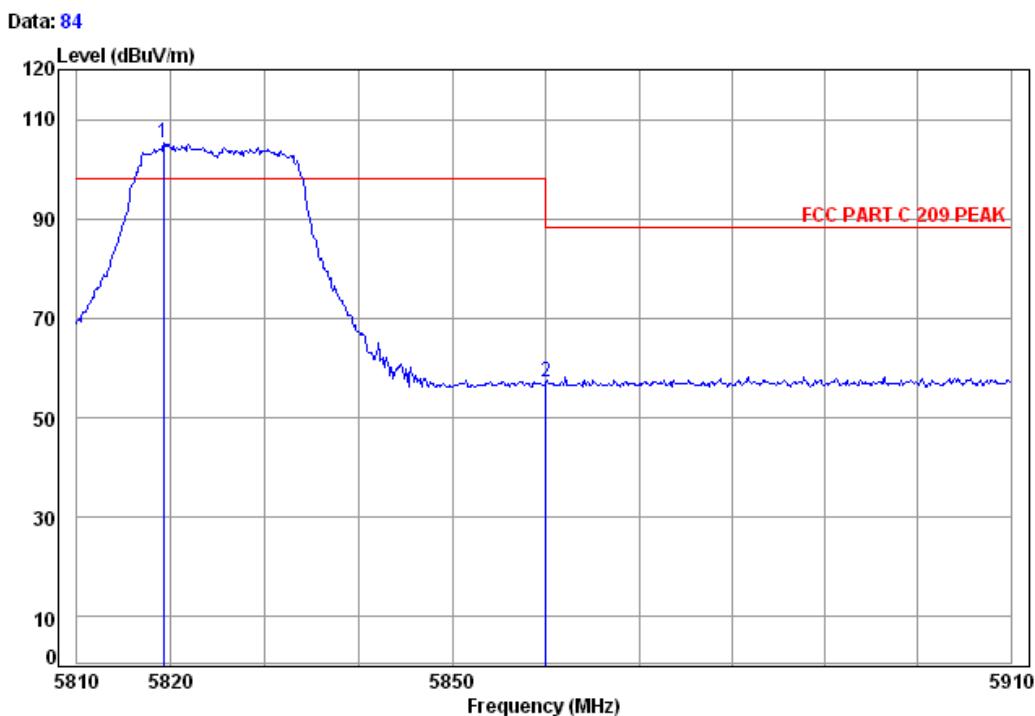
Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.05	39.41	68.20 -28.79
2 pp	5740.97	6.93	35.77	39.21	77.67	81.16	78.20 2.96

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Vertical
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Site : chamber

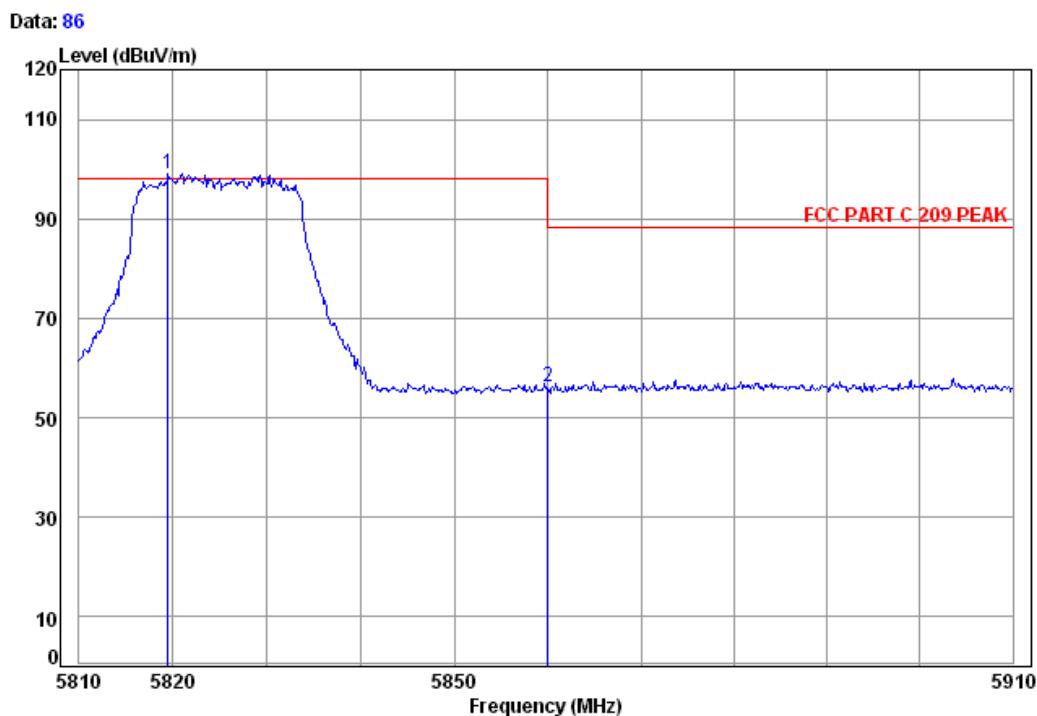
Condition: FCC PART C 209 PEAK 3m Vertical

Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5819.23	7.11	35.95	39.20	101.27	105.13	98.20 6.93
2	5860.00	7.20	36.03	39.20	53.16	57.19	88.20 -31.01

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Horizontal
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Site : chamber

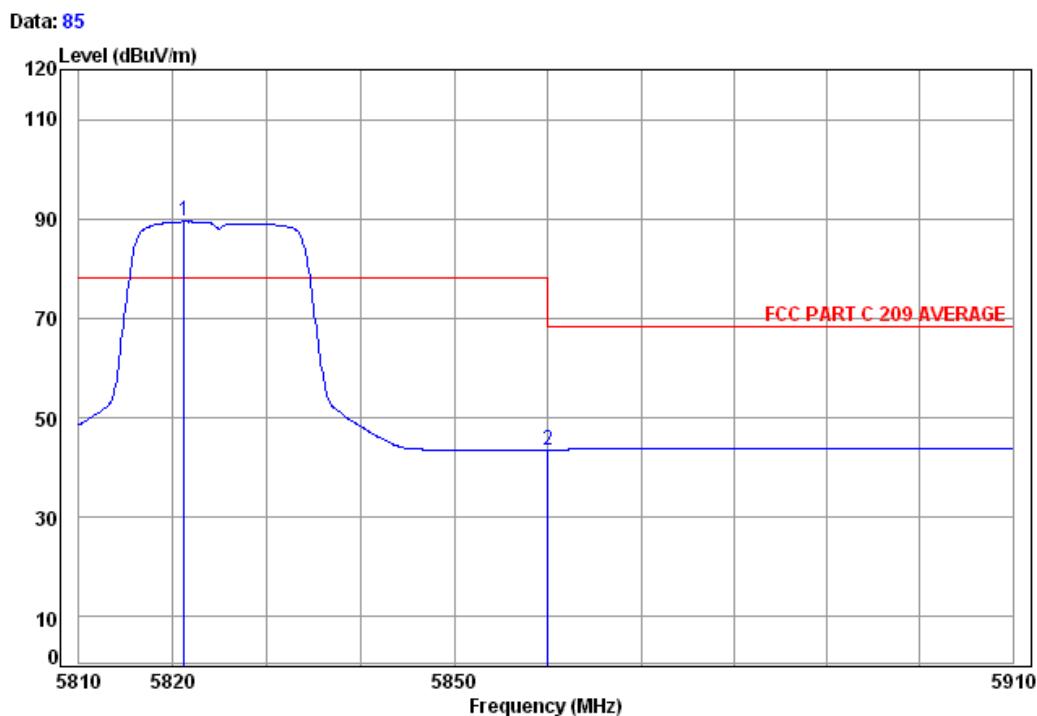
Condition: FCC PART C 209 PEAK 3m Horizontal

Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5819.43	7.11	35.95	39.20	95.22	99.08	98.20	0.88
2	5860.00	7.20	36.03	39.20	52.26	56.29	88.20	-31.91

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Vertical
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Site : chamber

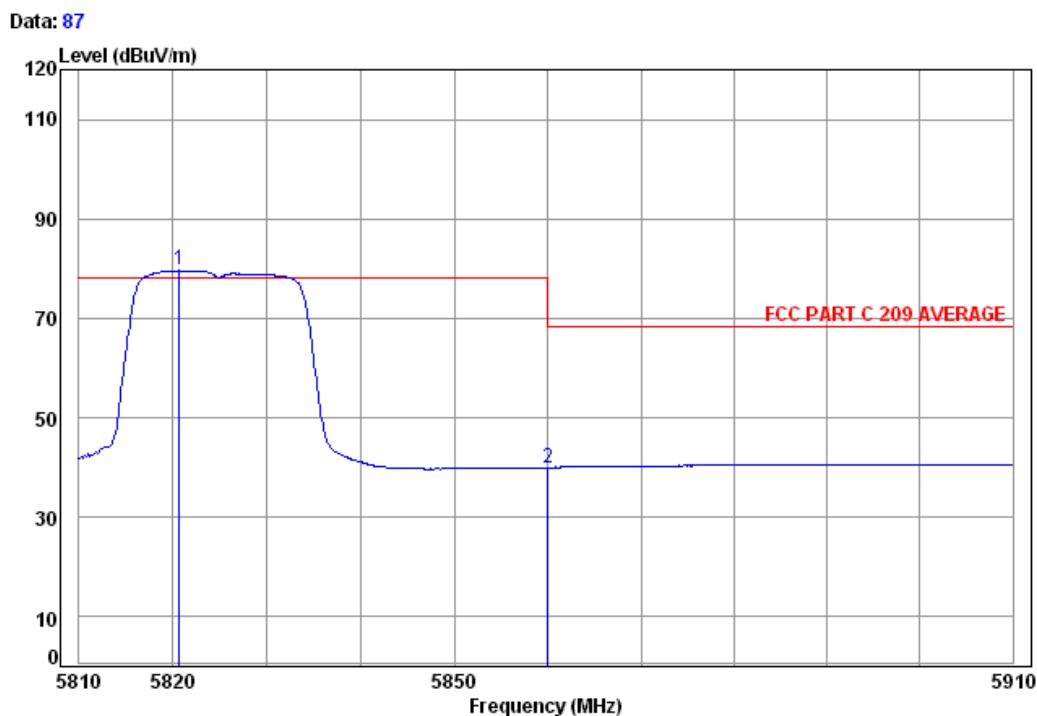
Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5821.22	7.11	35.95	39.20	85.60	89.46	78.20	11.26
2	5860.00	7.20	36.03	39.20	39.56	43.59	68.20	-24.61

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Horizontal
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Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

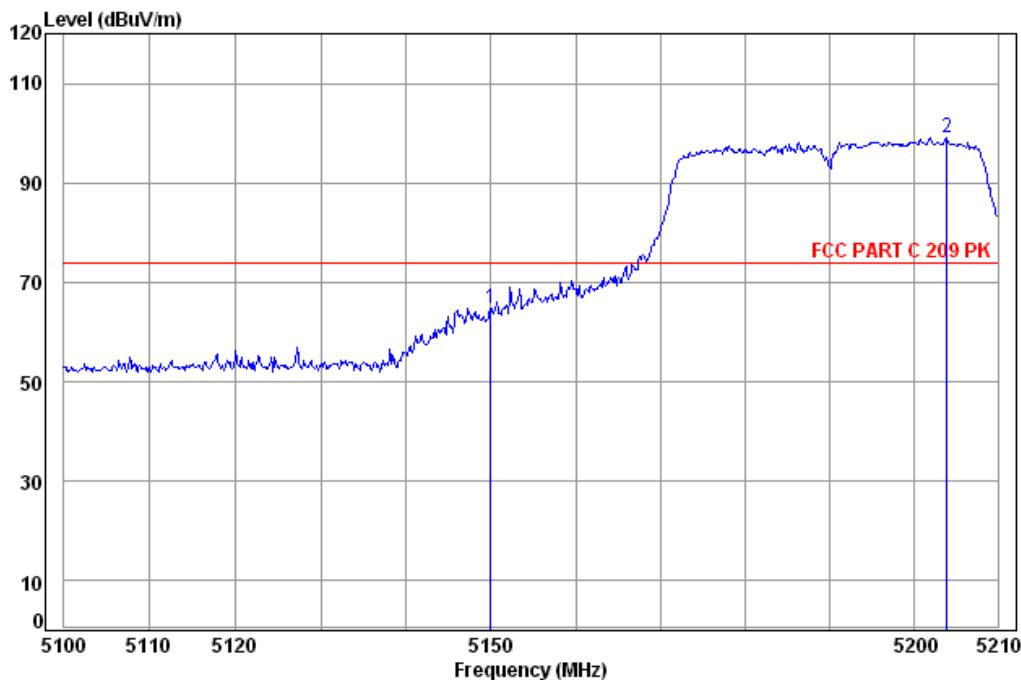
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5820.62	7.11	35.95	39.20	75.77	79.63	78.20 1.43
2	5860.00	7.20	36.03	39.20	36.00	40.03	68.20 -28.17

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Vertical
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Data: 100



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

Job No: : 0090IT

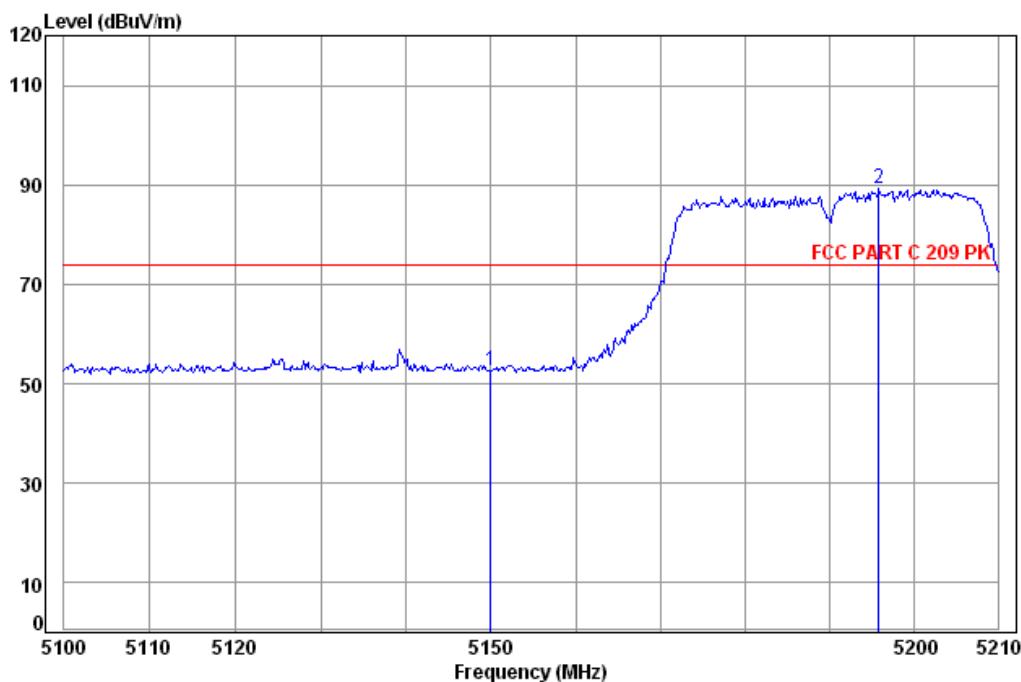
Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	63.10	64.78	74.00	-9.22
2 pp	5204.00	6.15	34.85	39.27	97.47	99.20	74.00	25.20



Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Horizontal
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Data: 102



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

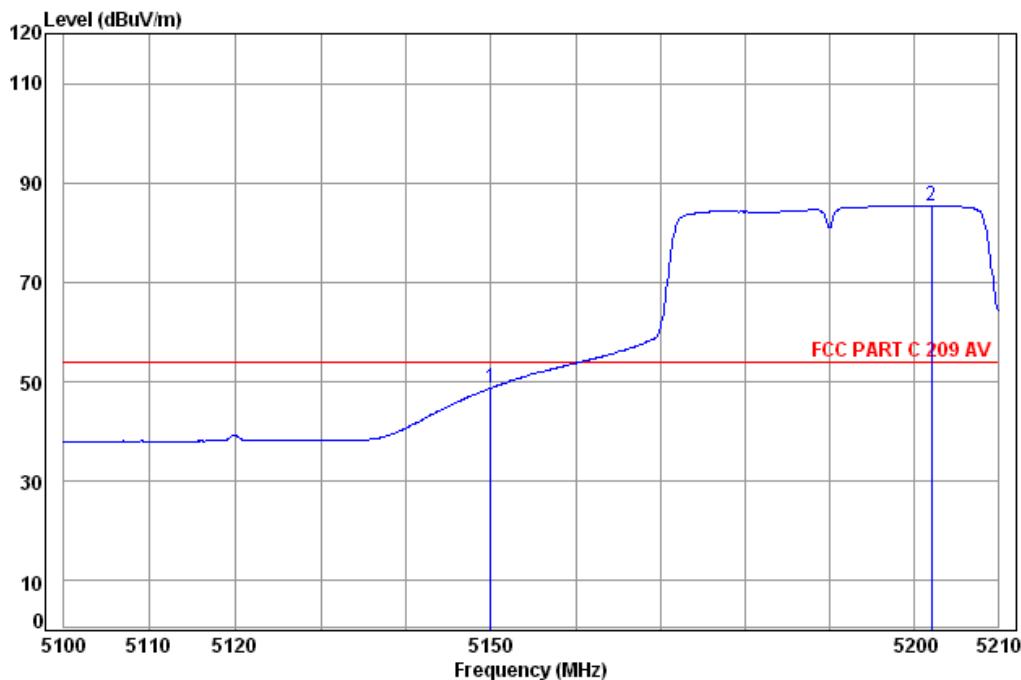
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	51.06	52.74	74.00	-21.26
2 pp	5195.90	6.14	34.85	39.28	87.70	89.41	74.00	15.41

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Vertical
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Data: 101



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

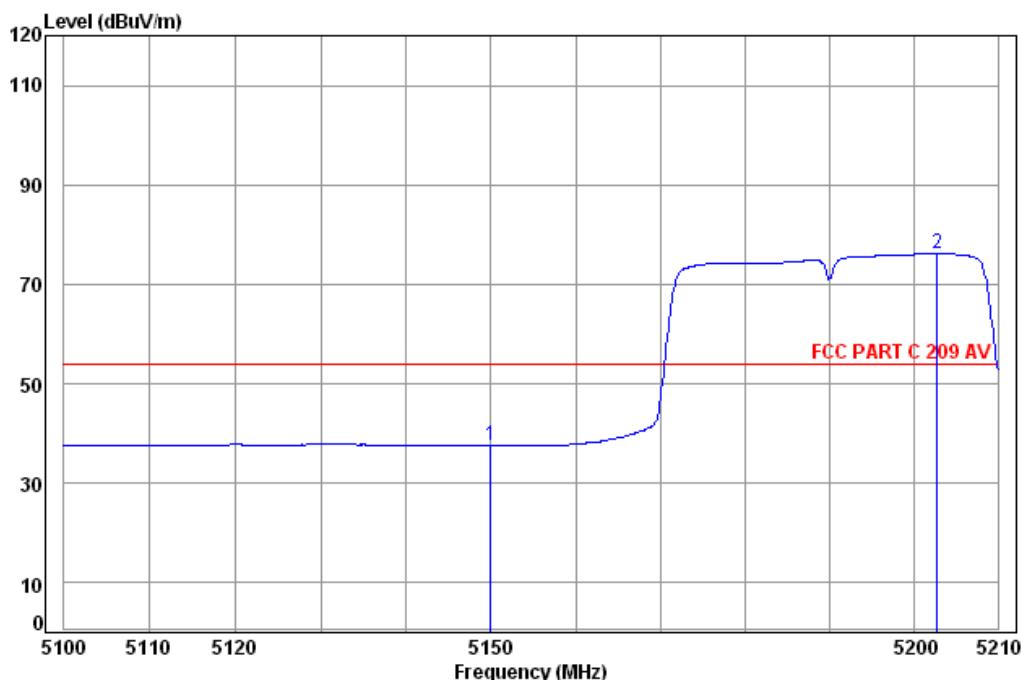
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	47.10	48.78	54.00	-5.22
2 pp	5202.11	6.14	34.85	39.27	83.75	85.47	54.00	31.47

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Horizontal
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Data: 103



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

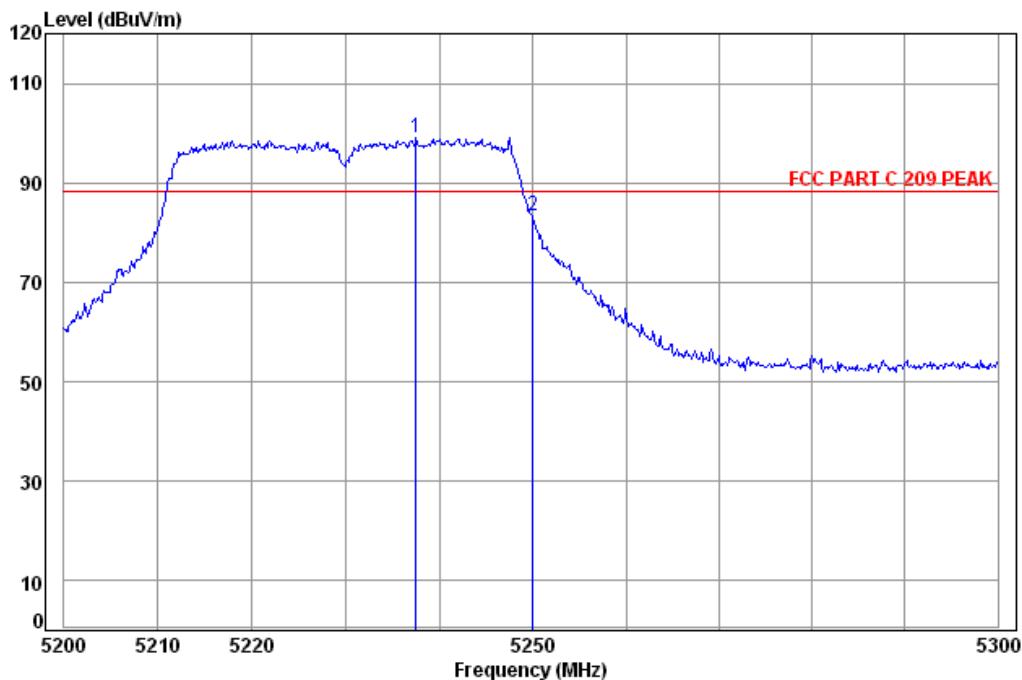
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	35.82	37.50	54.00 -16.50
2 pp	5202.78	6.14	34.85	39.27	74.44	76.16	54.00 22.16

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Vertical
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Data: 106



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

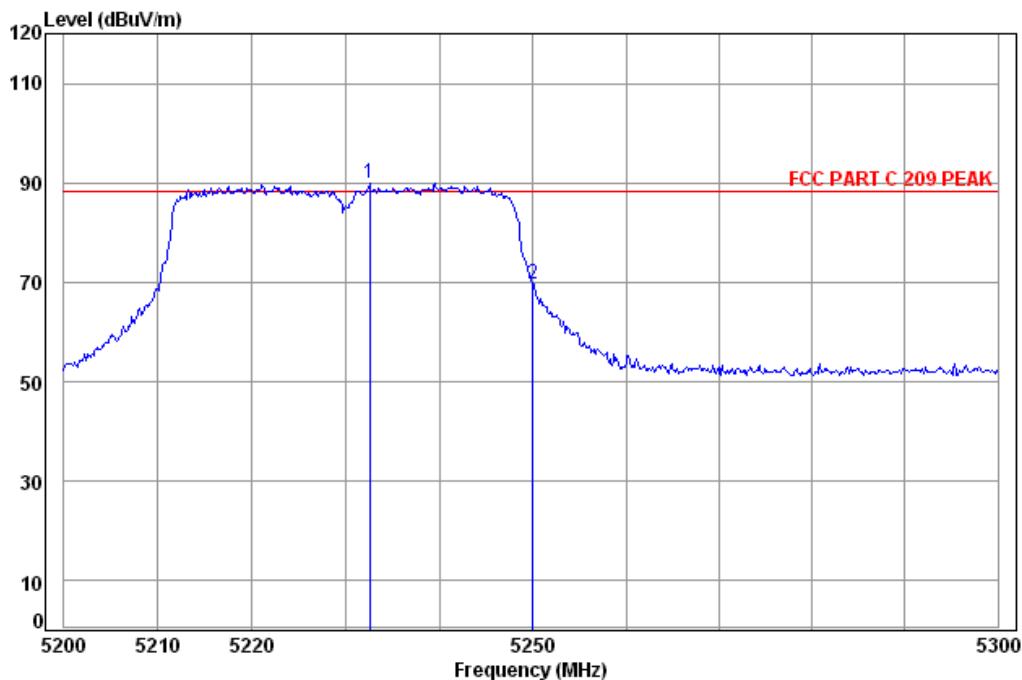
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5237.48	6.17	34.84	39.27	97.24	98.98	88.20	10.78
2	5250.00	6.18	34.83	39.27	81.49	83.23	88.20	-4.97

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Horizontal
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Data: 104



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

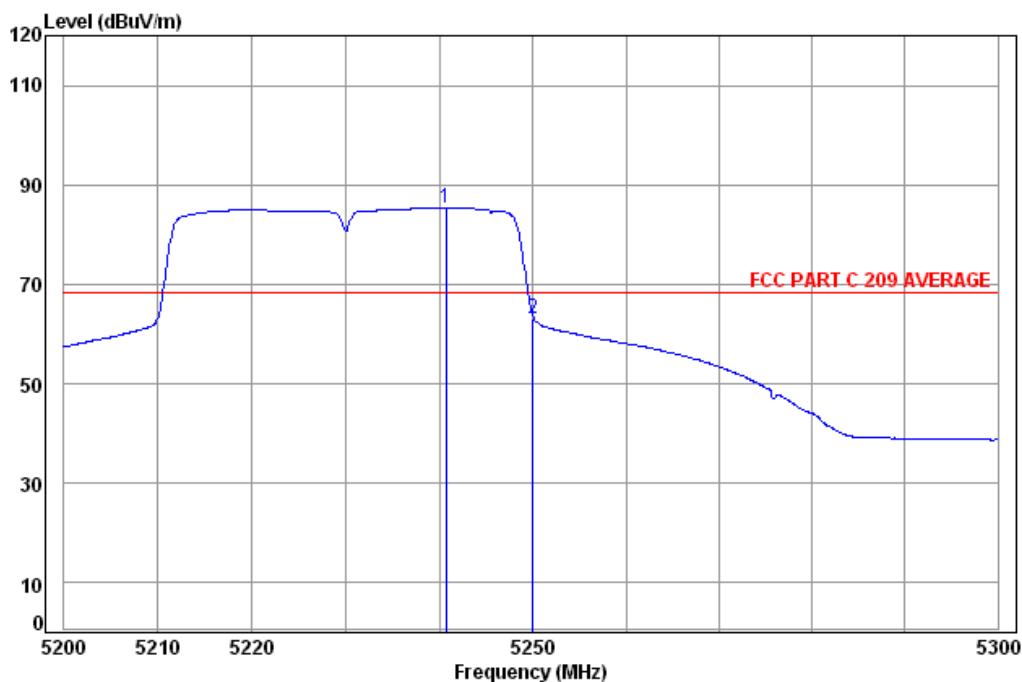
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5232.49	6.17	34.84	39.27	88.08	89.82	88.20	1.62
2	5250.00	6.18	34.83	39.27	68.01	69.75	88.20	-18.45

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Vertical
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Data: 107



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

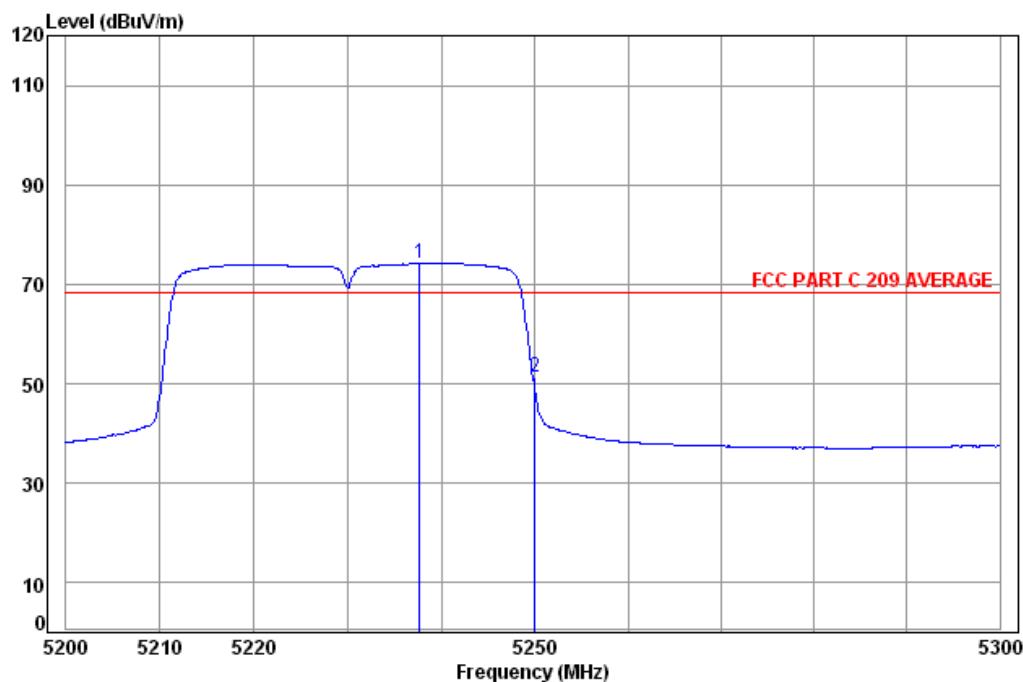
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5240.67	6.17	34.84	39.27	83.58	85.32	68.20	17.12
2	5250.00	6.18	34.83	39.27	61.24	62.98	68.20	-5.22

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Horizontal
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Data: 105



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

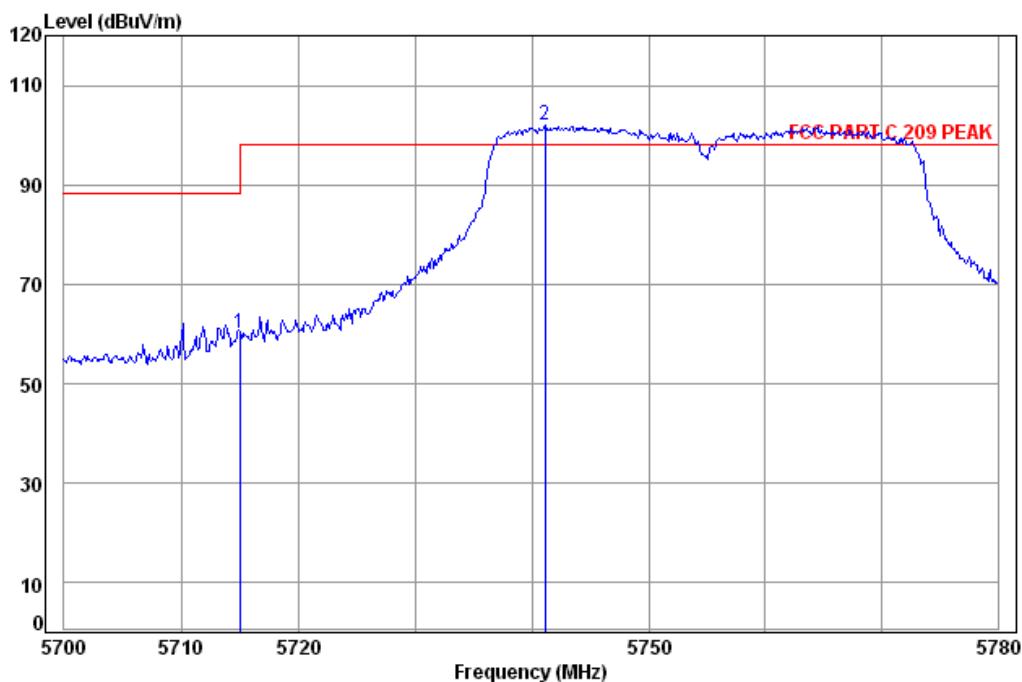
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5237.68	6.17	34.84	39.27	72.50	74.24	68.20 6.04
2	5250.00	6.18	34.83	39.27	49.67	51.41	68.20 -16.79

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Vertical
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Data: 108



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

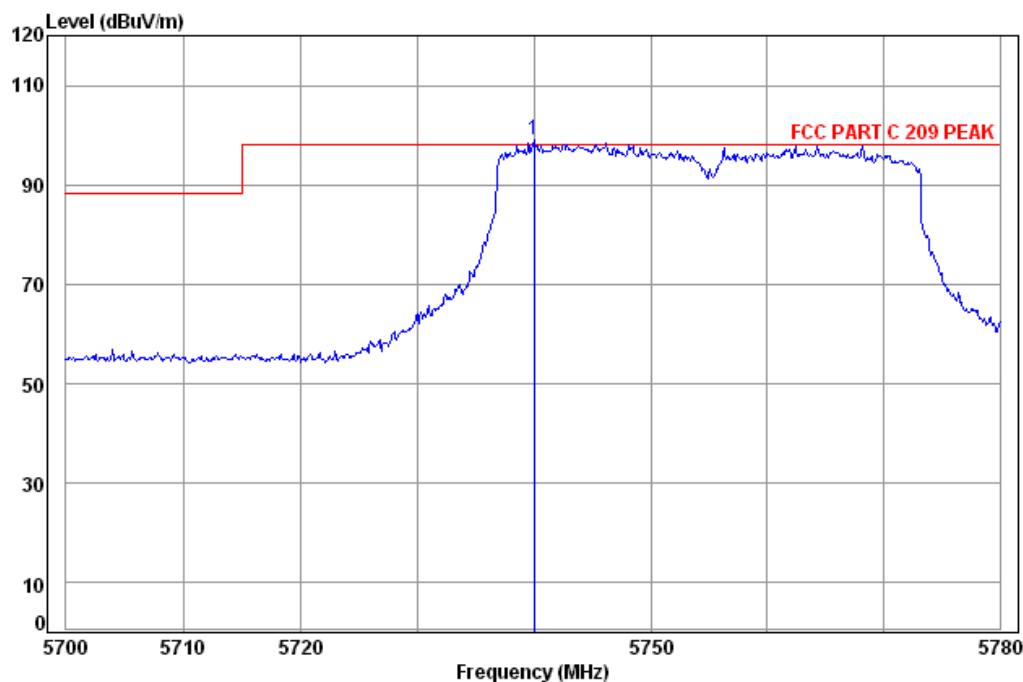
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	56.92	60.28	88.20	-27.92
2 pp	5741.06	6.93	35.77	39.21	98.47	101.96	98.20	3.76

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Horizontal
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Data: 110



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

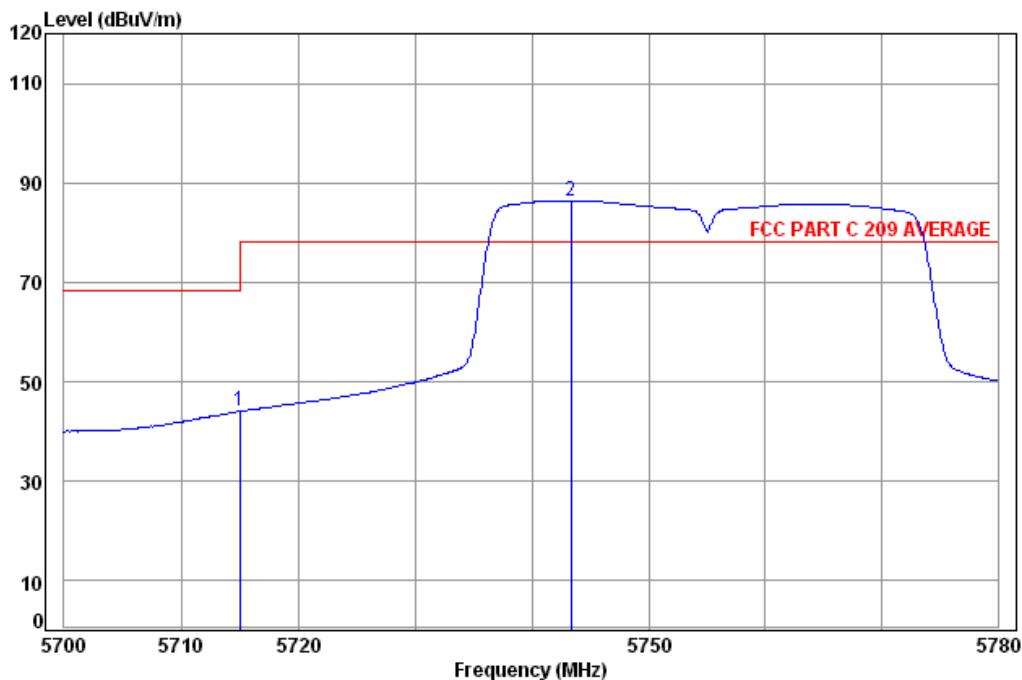
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5739.94	6.92	35.76	39.21	95.62	99.09	98.20 0.89

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Vertical
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Data: 109



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

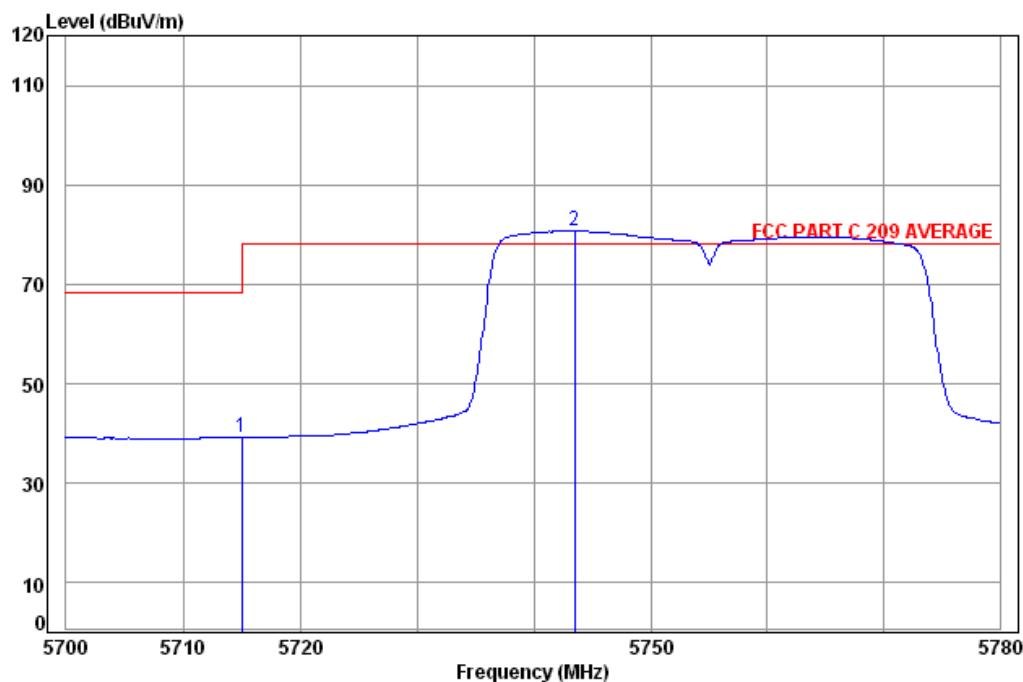
Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	40.76	44.12	68.20 -24.08
2 pp	5743.30	6.93	35.77	39.21	82.97	86.46	78.20 8.26



Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Horizontal
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Data: 111



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

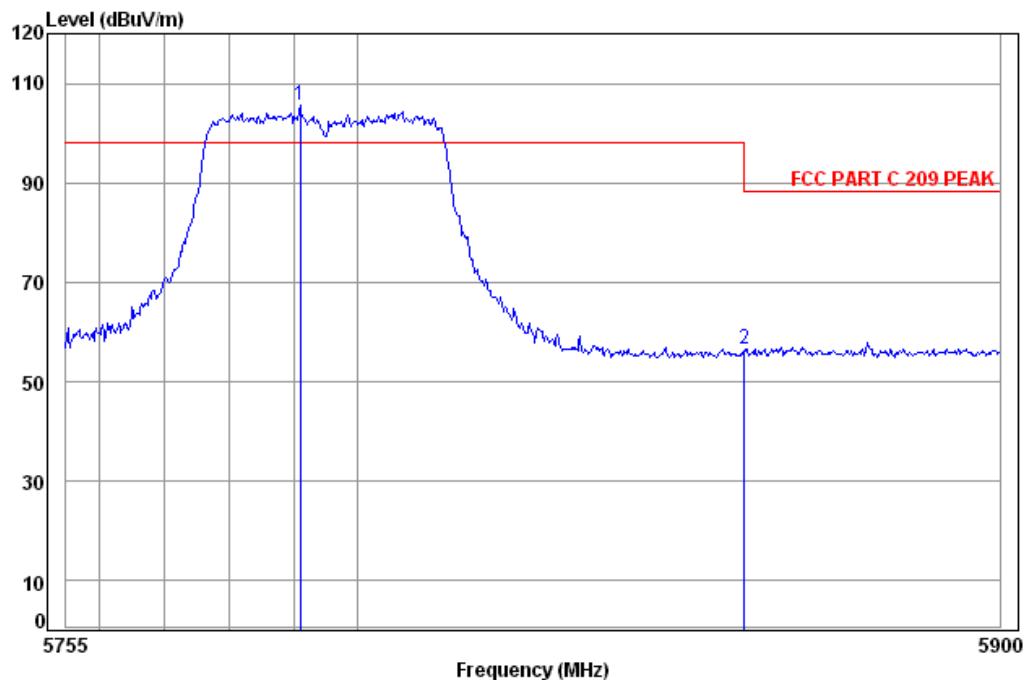
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	35.91	39.27	68.20	-28.93
2 pp	5743.46	6.93	35.77	39.21	77.25	80.74	78.20	2.54

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Vertical
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Data: 114



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

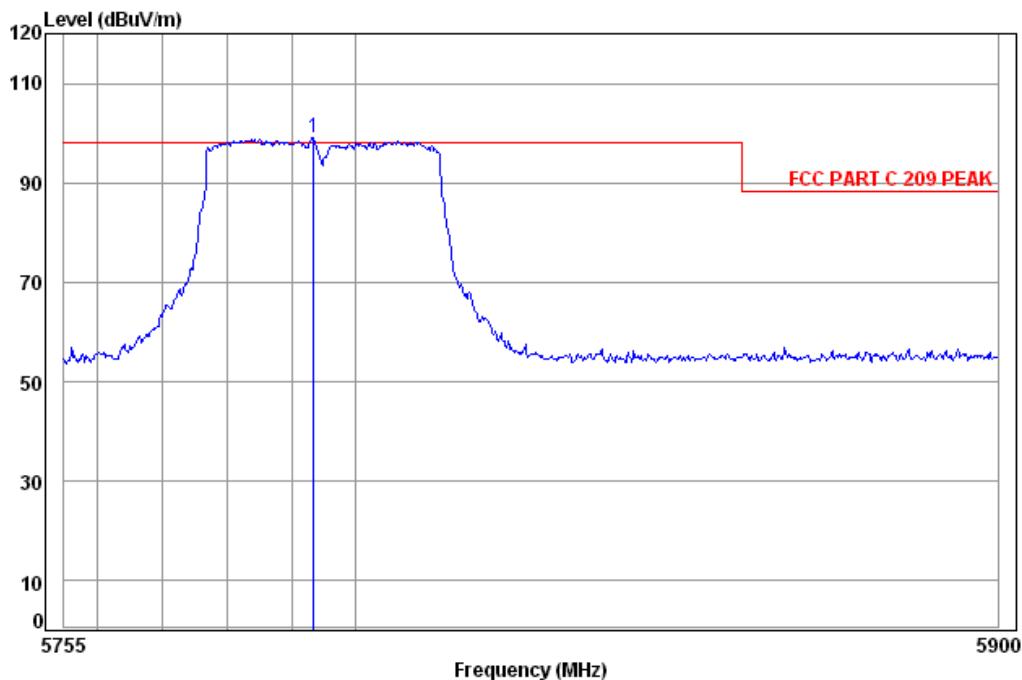
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5791.06	7.04	35.89	39.21	101.99	105.71	98.20	7.51
2	5860.00	7.20	36.03	39.20	52.41	56.44	88.20	-31.76

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Horizontal
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Data: 112



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

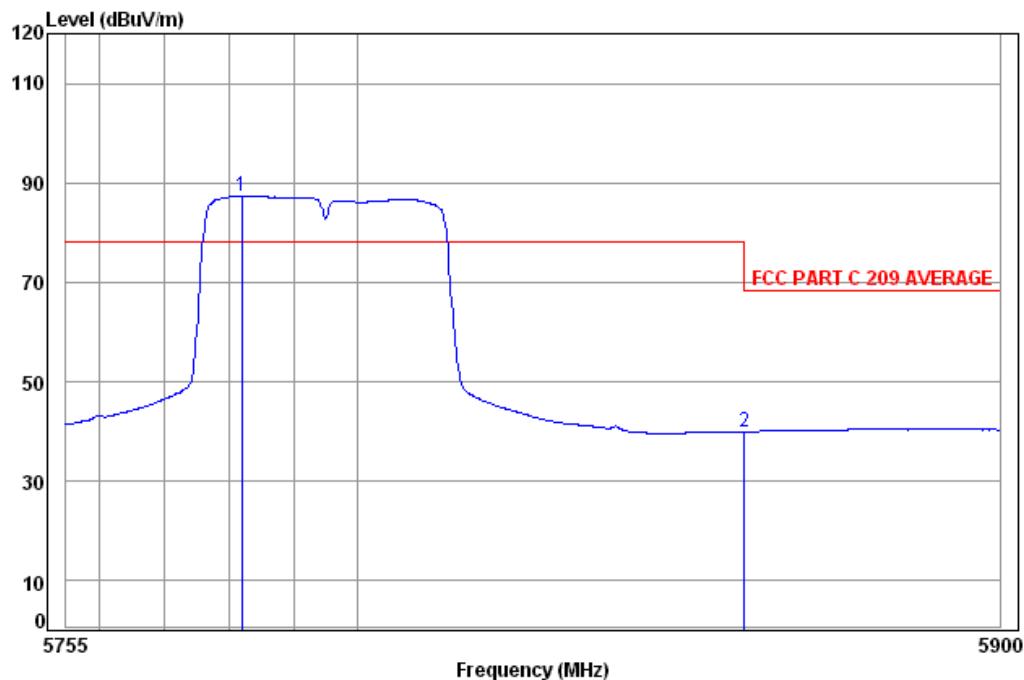
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5793.36	7.05	35.89	39.21	95.42	99.15	98.20 0.95

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Vertical
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Data: 115



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

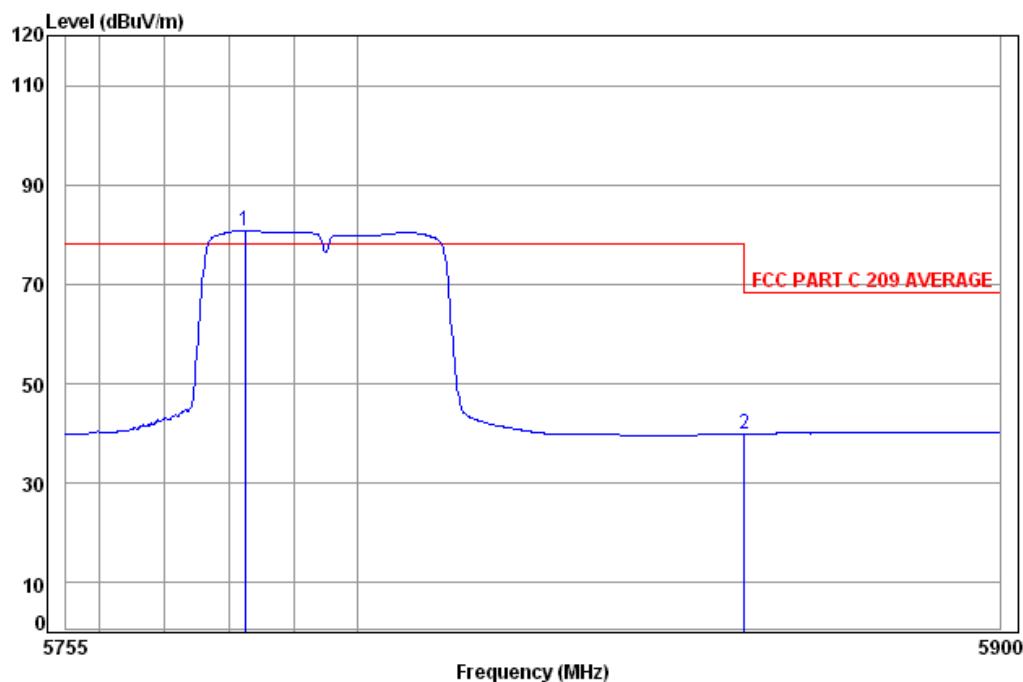
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5781.99	7.02	35.87	39.21	83.71	87.39	78.20 9.19
2	5860.00	7.20	36.03	39.20	35.92	39.95	68.20 -28.25

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Horizontal
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Data: 113



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5795 N40 Band edge

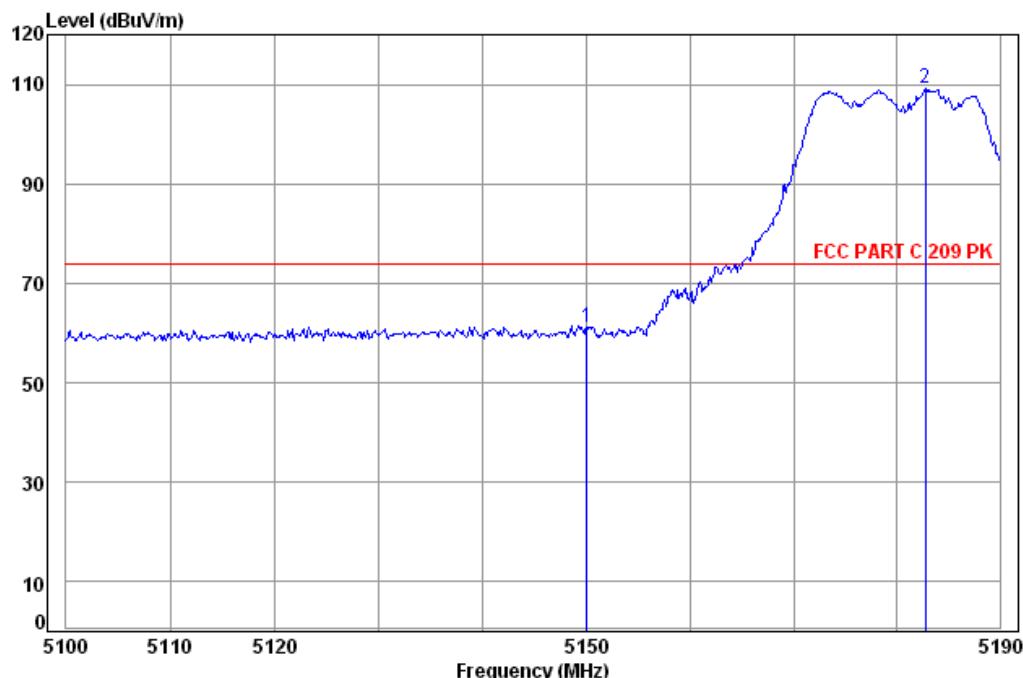
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5782.56	7.02	35.87	39.21	77.11	80.79	78.20	2.59
2	5860.00	7.20	36.03	39.20	35.78	39.81	68.20	-28.39

Wi-Fi 1 + Wi-Fi 2

Test plot as follows:

Test mode:	802.11a	Test channel:	36	Remark:	Peak	Vertical
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Data: 116



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

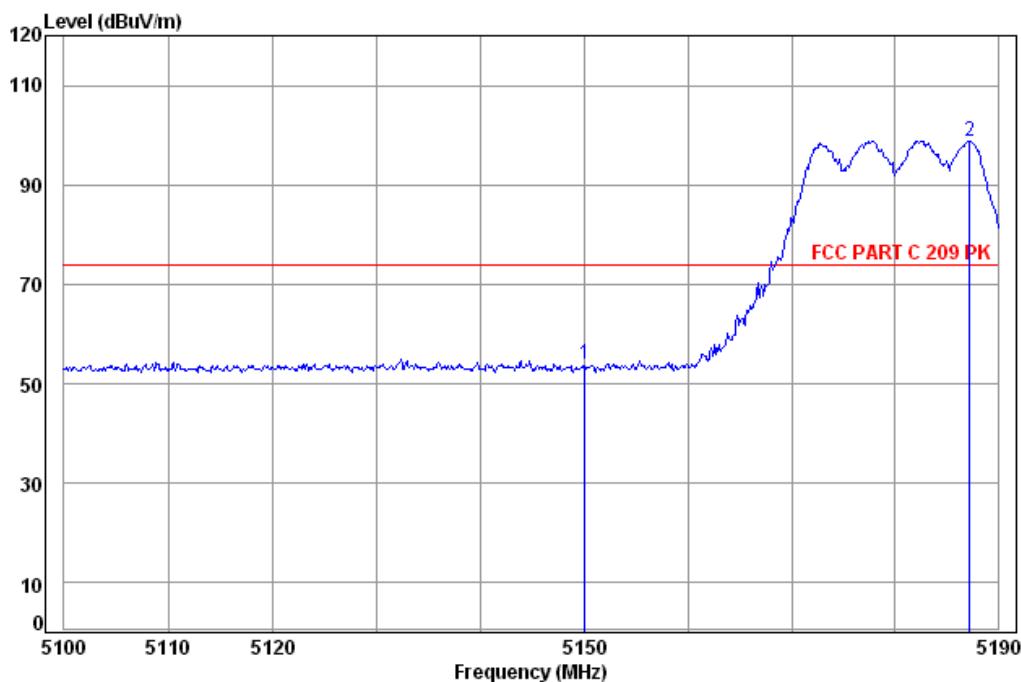
Job No: : 0090IT

Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	59.35	61.03	74.00	-12.97
2 pp	5182.74	6.13	34.85	39.28	107.46	109.16	74.00	35.16

Test mode:	802.11a	Test channel:	36	Remark:	Peak	Horizontal
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Data: 118



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

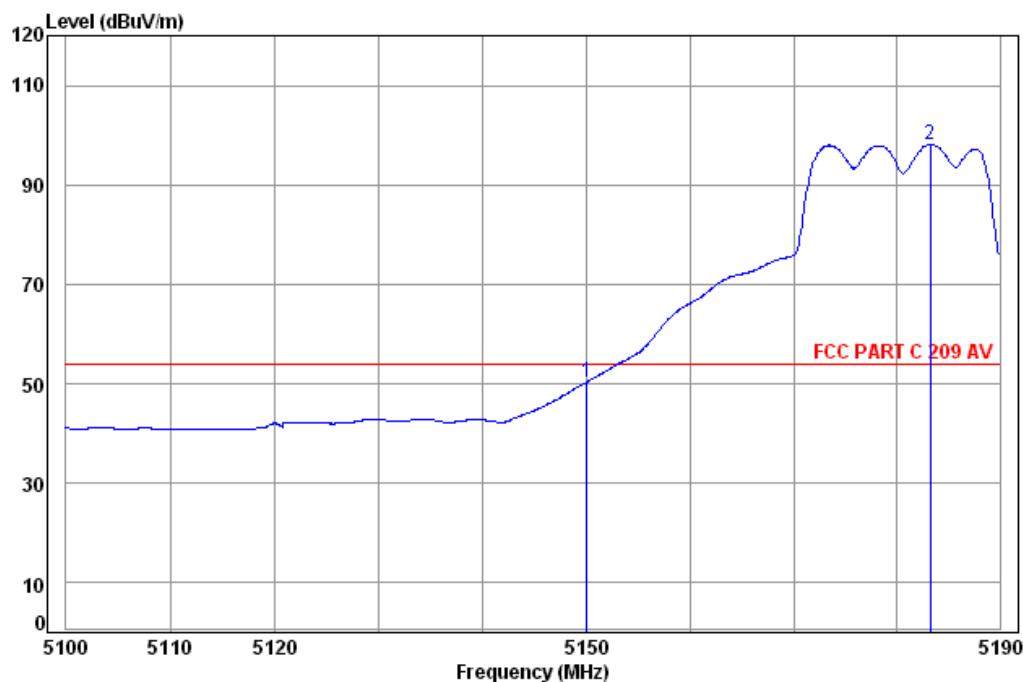
Job No: : 0090IT

Mode: : 5180 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	52.17	53.85	74.00 -20.15
2 pp	5187.28	6.13	34.85	39.28	97.17	98.87	74.00 24.87

Test mode:	802.11a	Test channel:	36	Remark:	Average	Vertical
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Data: 117



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

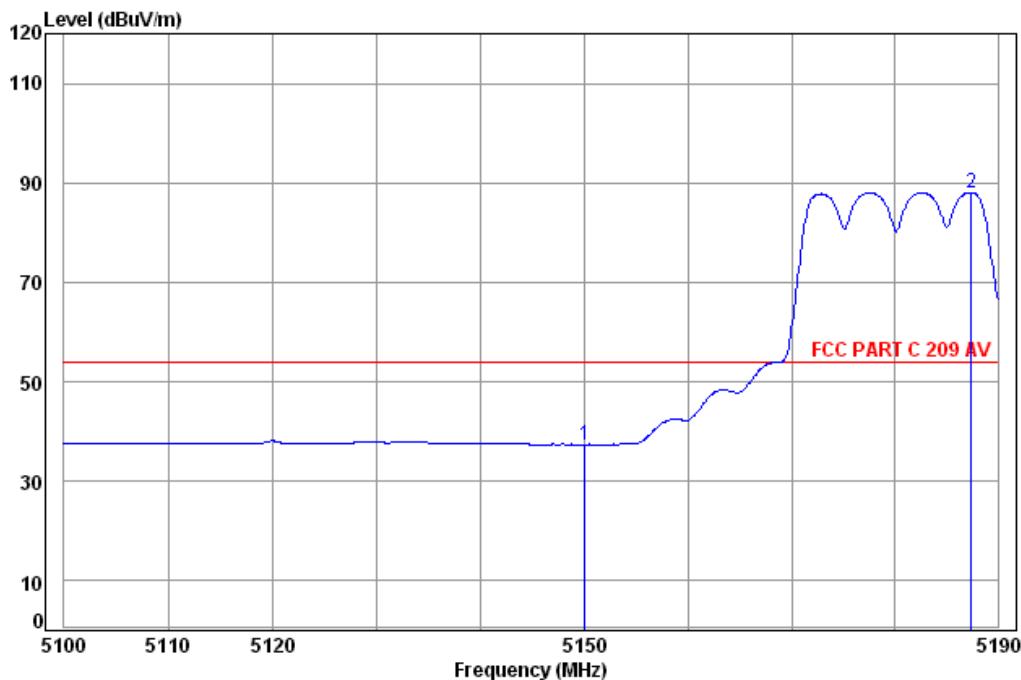
Job No: : 0090IT

Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	48.58	50.26	54.00	-3.74
2 pp	5183.29	6.13	34.85	39.28	96.38	98.08	54.00	44.08

Test mode:	802.11a	Test channel:	36	Remark:	Average	Horizontal
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Data: 119



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

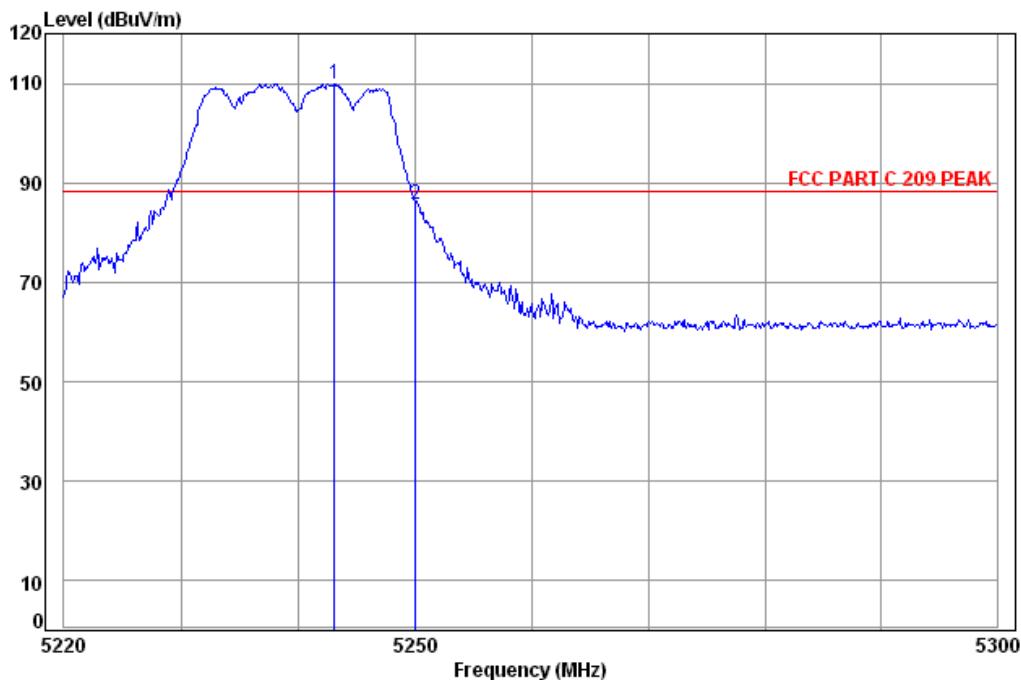
Job No: : 0090IT

Mode: : 5180 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	35.73	37.41	54.00	-16.59
2 pp	5187.46	6.13	34.85	39.28	86.34	88.04	54.00	34.04

Test mode:	802.11a	Test channel:	48	Remark:	Peak	Vertical
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Data: 122



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

Job No: : 0090IT

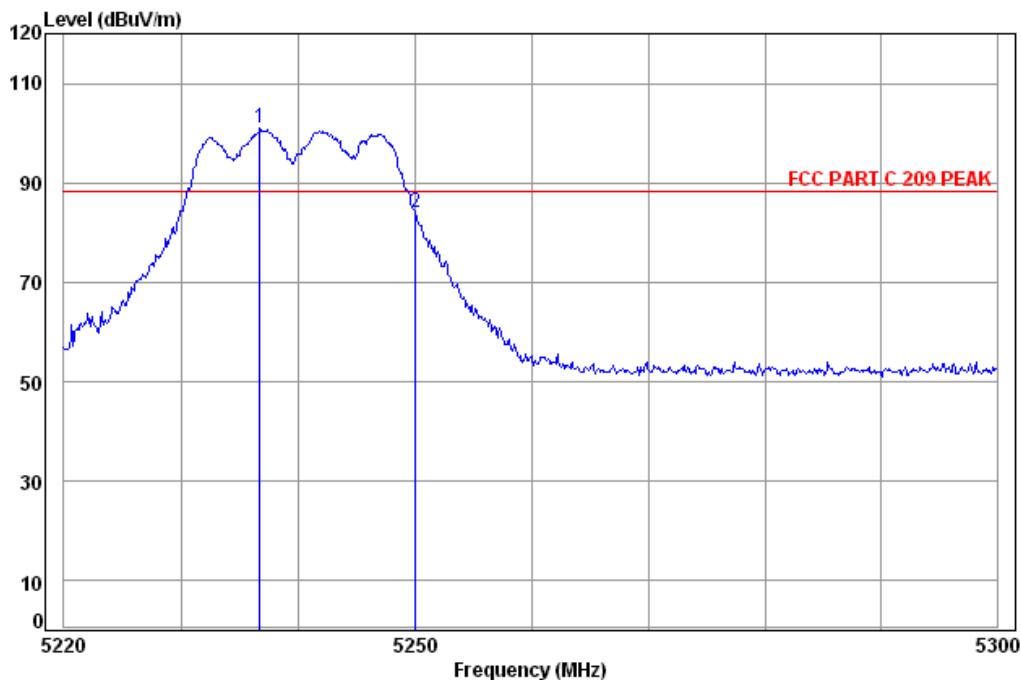
Mode: : 5240 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5243.08	6.17	34.83	39.27	108.23	109.96	88.20 21.76
2	5250.00	6.18	34.83	39.27	83.83	85.57	88.20 -2.63



Test mode:	802.11a	Test channel:	48	Remark:	Peak	Horizontal
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Data: 120



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

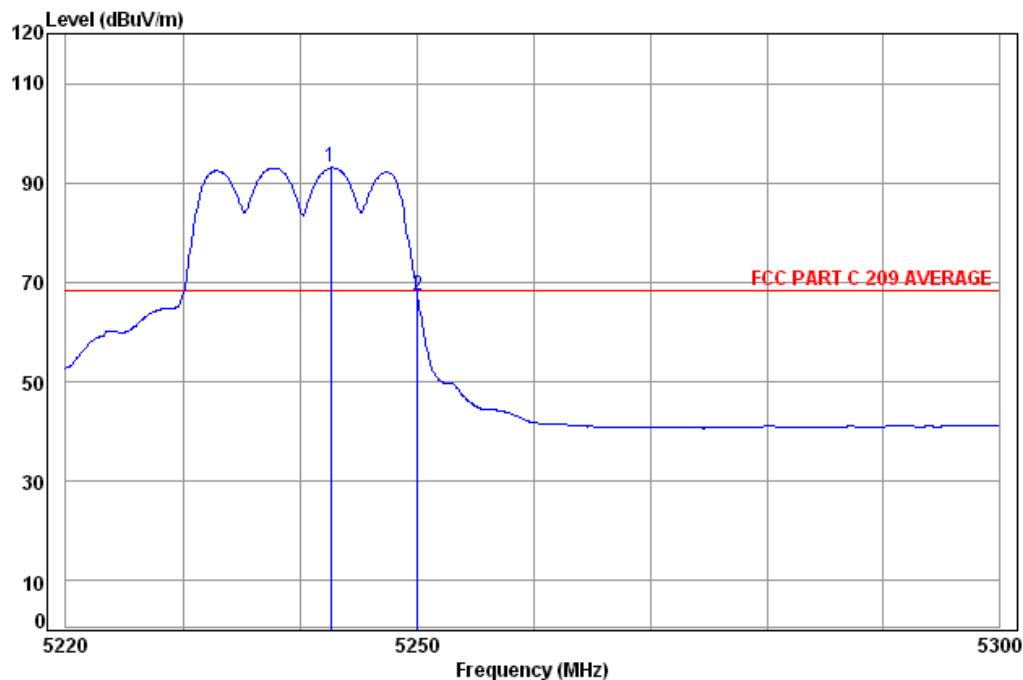
Job No: : 0090IT

Mode: : 5240 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	
1 pp	5236.70	6.17	34.84	39.27	99.14	100.88	88.20	12.68
2	5250.00	6.18	34.83	39.27	82.21	83.95	88.20	-4.25

Test mode:	802.11a	Test channel:	48	Remark:	Average	Vertical
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Data: 123



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

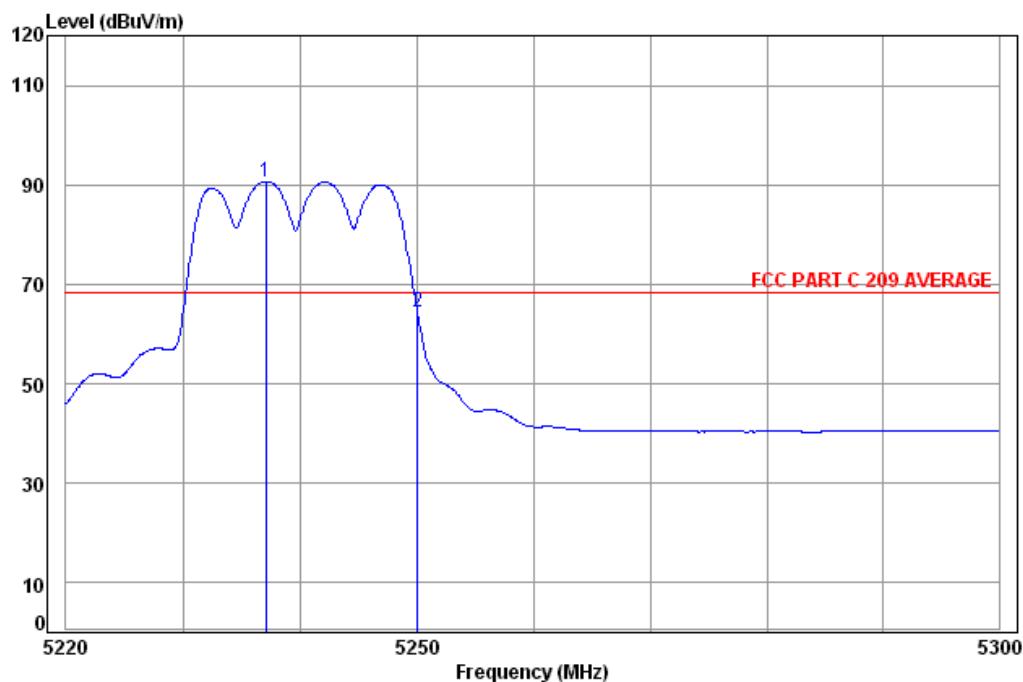
Job No: : 0090IT

Mode: : 5240 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5242.60	6.17	34.83	39.27	91.31	93.04	68.20	24.84
2	5250.00	6.18	34.83	39.27	65.72	67.46	68.20	-0.74

Test mode:	802.11a	Test channel:	48	Remark:	Average	Horizontal
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Data: 121



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

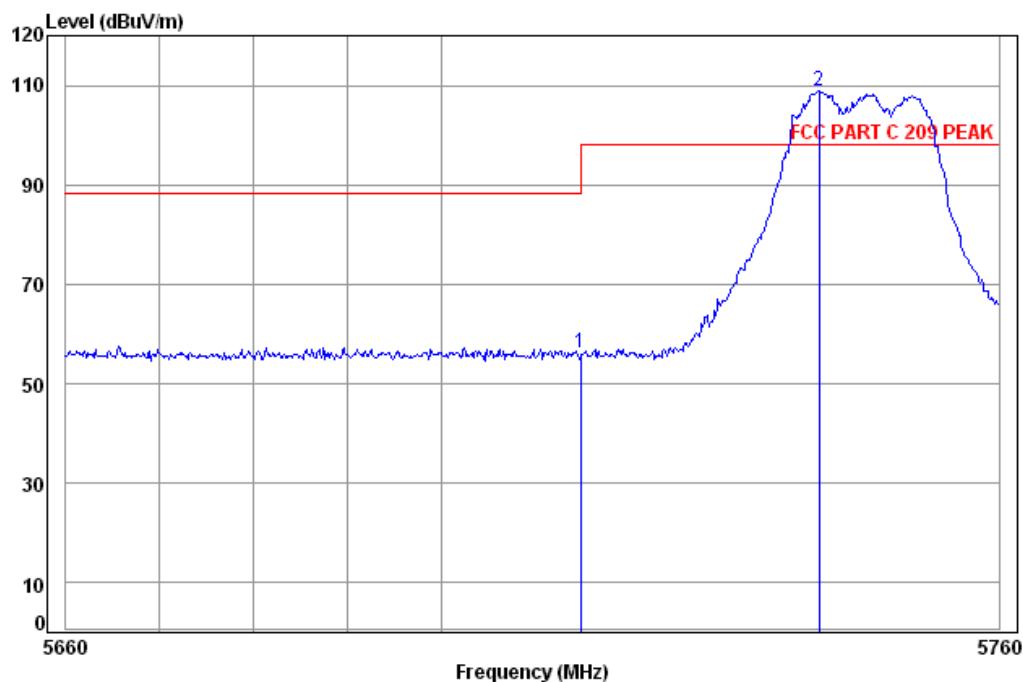
Job No: : 0090IT

Mode: : 5240 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5237.02	6.17	34.84	39.27	88.98	90.72	68.20	22.52
2	5250.00	6.18	34.83	39.27	62.71	64.45	68.20	-3.75

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Vertical
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Data: 124



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

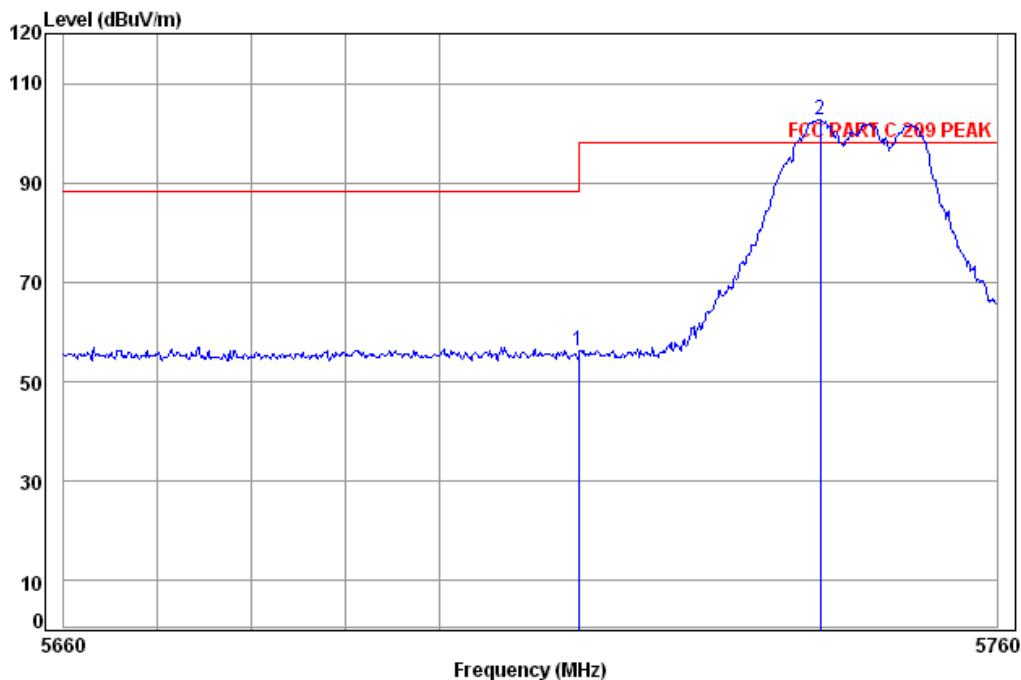
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.95	56.31	88.20 -31.89
2 pp	5740.56	6.93	35.77	39.21	105.36	108.85	98.20 10.65

Test mode:	802.11a	Test channel:	149	Remark:	Peak	Horizontal
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Data: 126



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

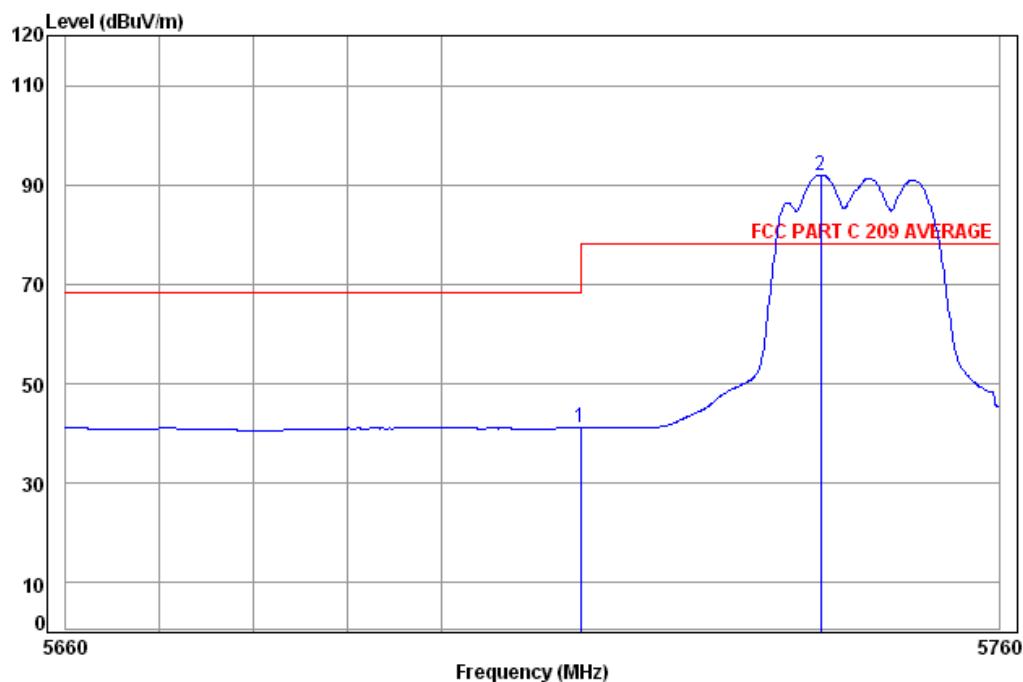
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	53.00	56.36	88.20 -31.84
2 pp	5740.97	6.93	35.77	39.21	99.26	102.75	98.20 4.55

Test mode:	802.11a	Test channel:	149	Remark:	Average	Vertical
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Data: 125



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

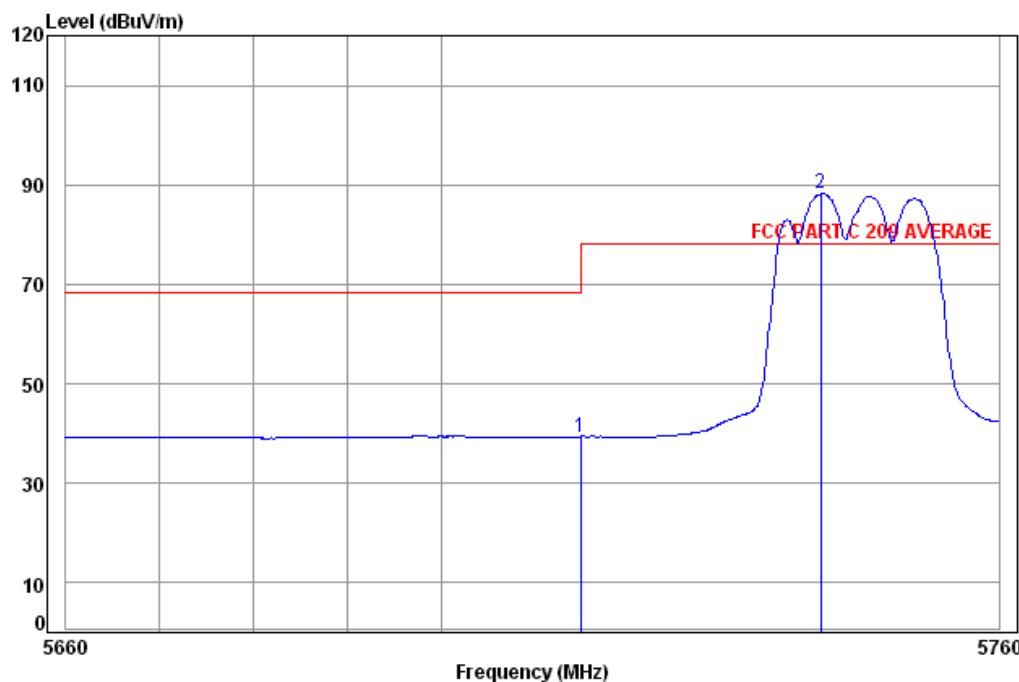
Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	37.81	41.17	68.20 -27.03
2 pp	5740.77	6.93	35.77	39.21	88.55	92.04	78.20 13.84

Test mode:	802.11a	Test channel:	149	Remark:	Average	Horizontal
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Data: 127



Site : chamber

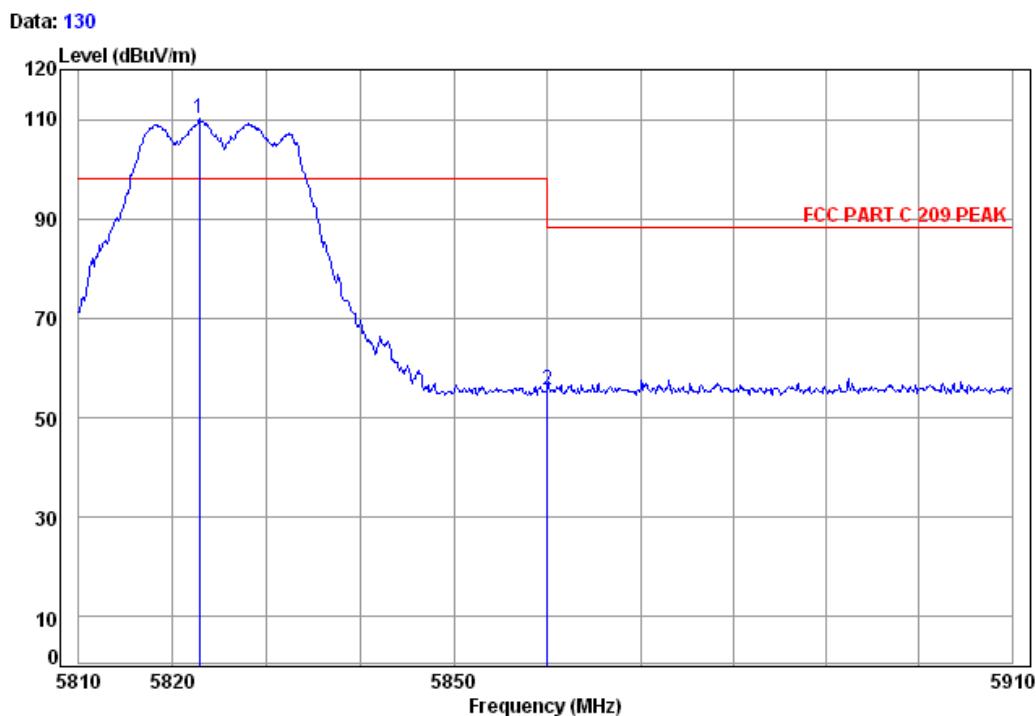
Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5745 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.04	39.40	68.20 -28.80
2 pp	5740.77	6.93	35.77	39.21	84.65	88.14	78.20 9.94

Test mode:	802.11a	Test channel:	165	Remark:	Peak	Vertical
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Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

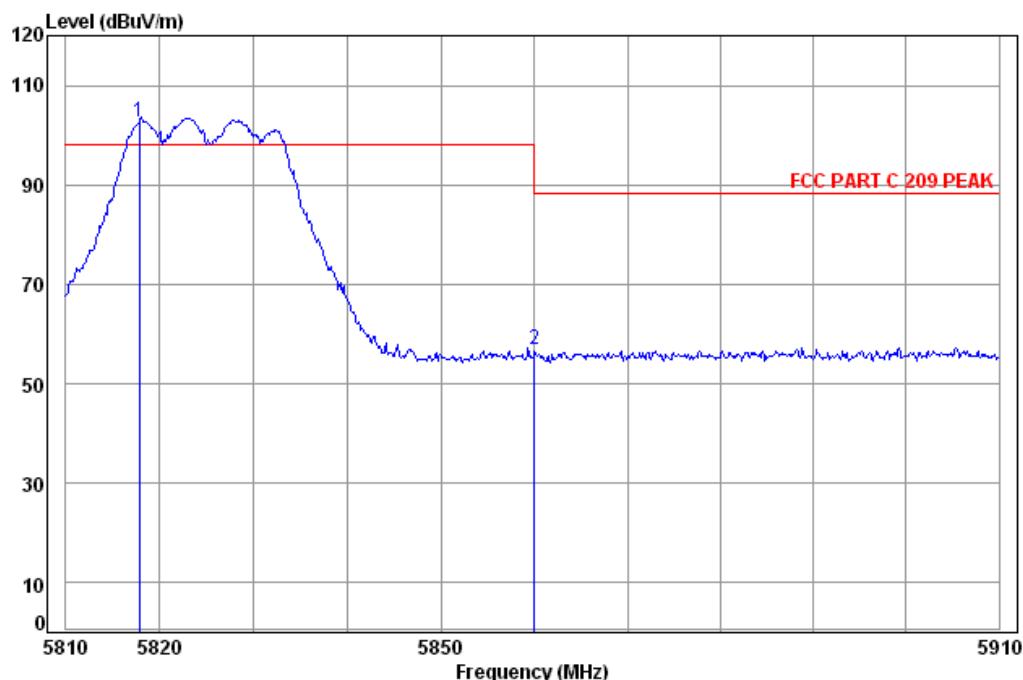
Job No: : 0090IT

Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5822.81	7.11	35.96	39.20	106.44	110.31	98.20 12.11
2	5860.00	7.20	36.03	39.20	51.47	55.50	88.20 -32.70

Test mode:	802.11a	Test channel:	165	Remark:	Peak	Horizontal
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Data: 128



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

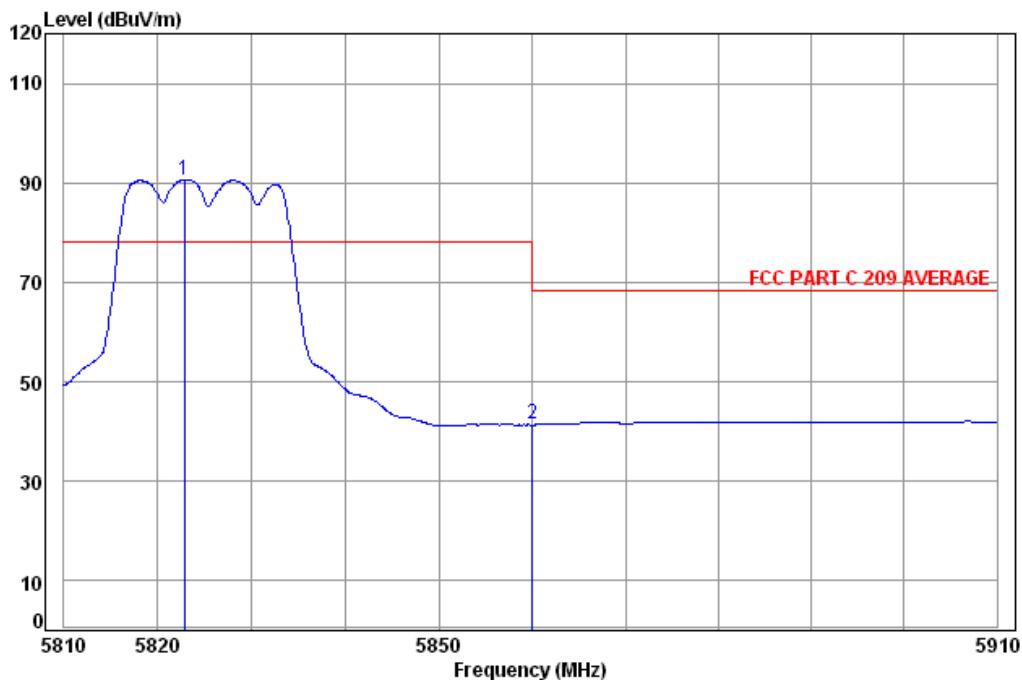
Job No: : 0090IT

Mode: : 5825 A Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5817.84	7.10	35.94	39.20	98.69	102.53	98.20	4.33
2	5860.00	7.20	36.03	39.20	52.85	56.88	88.20	-31.32

Test mode:	802.11a	Test channel:	165	Remark:	Average	Vertical
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Data: 131



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

Job No: : 0090IT

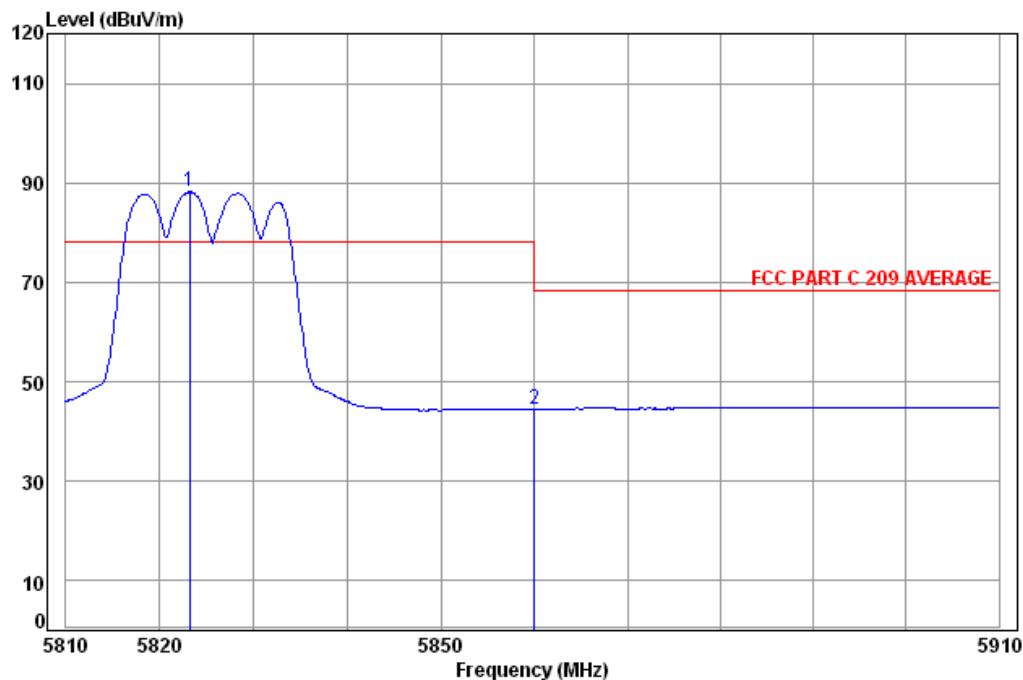
Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5822.80	7.11	35.96	39.20	86.74	90.61	78.20 12.41
2	5860.00	7.20	36.03	39.20	37.37	41.40	68.20 -26.80



Test mode:	802.11a	Test channel:	165	Remark:	Average	Horizontal
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Data: 129



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

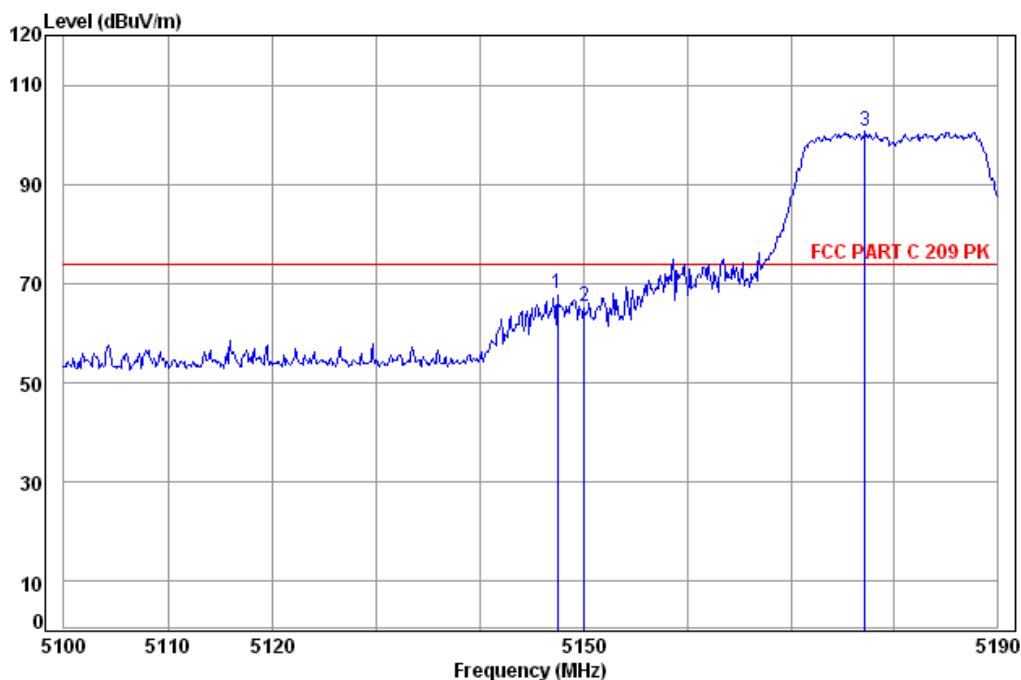
Job No: : 0090IT

Mode: : 5825 A Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5823.20	7.11	35.96	39.20	84.28	88.15	78.20 9.95
2	5860.00	7.20	36.03	39.20	40.41	44.44	68.20 -23.76

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Vertical
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Data: 146



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

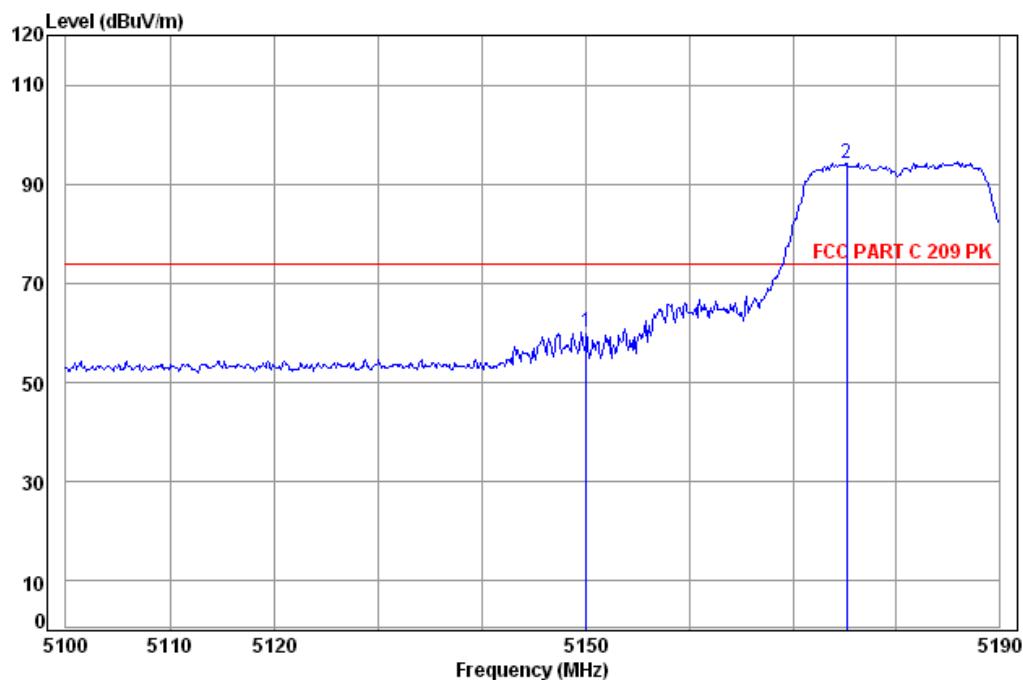
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
1	5147.41	6.10	34.86	39.28	66.41	68.09	74.00	-5.91
2	5150.00	6.10	34.86	39.28	63.74	65.42	74.00	-8.58
3 pp	5177.21	6.13	34.86	39.28	98.85	100.56	74.00	26.56

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Peak	Horizontal
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Data: 144



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

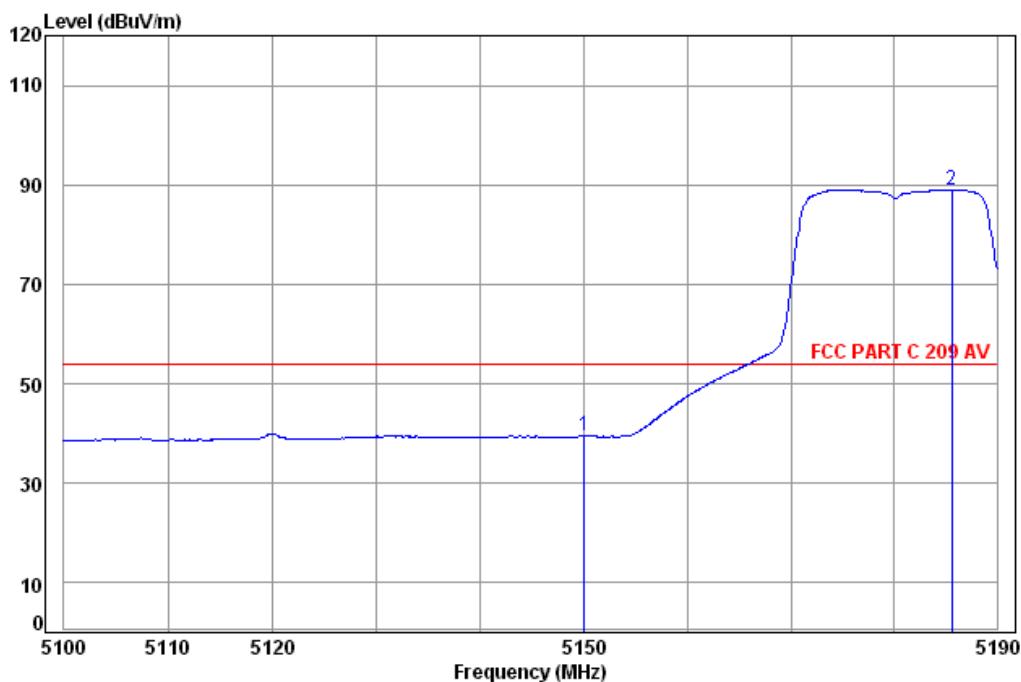
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	58.64	60.32	74.00	-13.68
2 pp	5175.22	6.12	34.86	39.28	92.51	94.21	74.00	20.21

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Vertical
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Data: 147



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

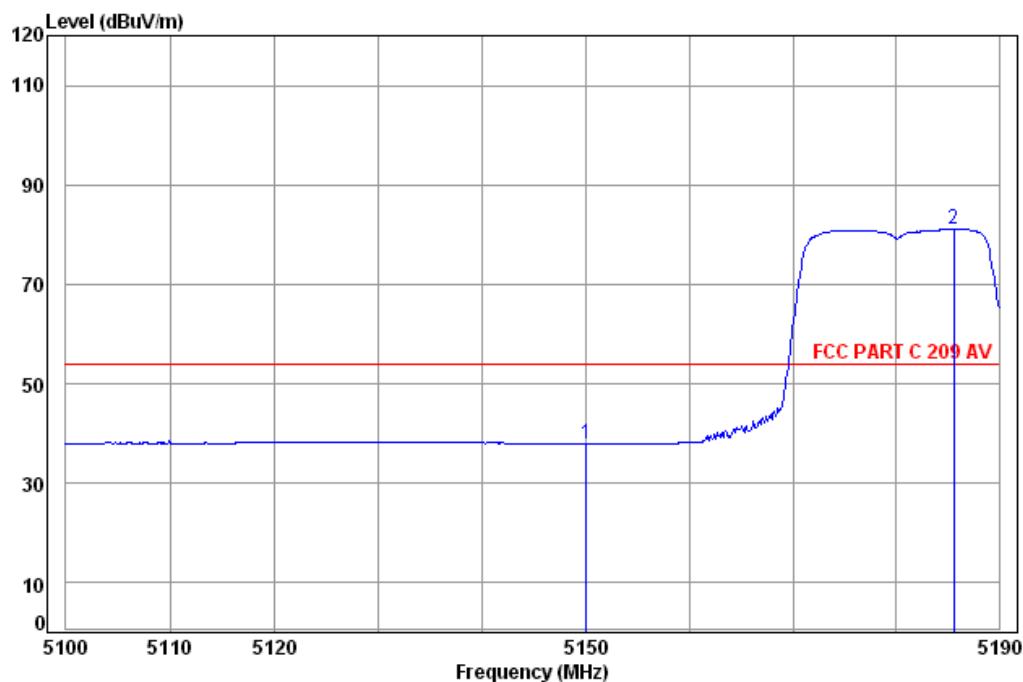
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	37.78	39.46	54.00 -14.54
2 pp	5185.64	6.13	34.85	39.28	87.33	89.03	54.00 35.03

Test mode:	802.11n(HT20)	Test channel:	36	Remark:	Average	Horizontal
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Data: 145



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

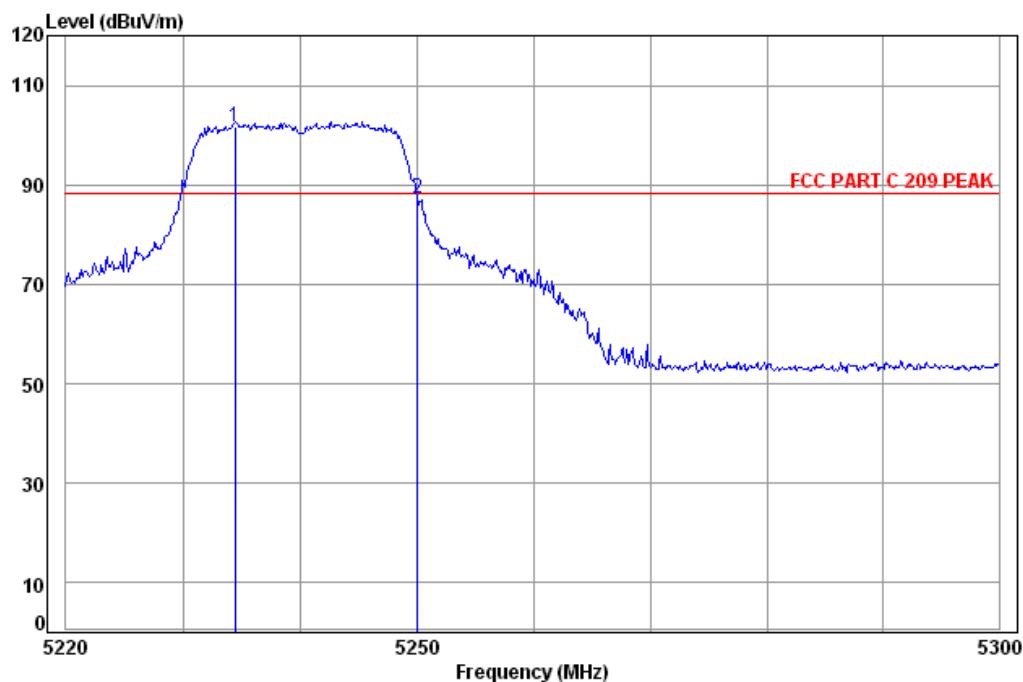
Job No: : 0090IT

Mode: : 5180 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	36.30	37.98	54.00	-16.02
2 pp	5185.64	6.13	34.85	39.28	79.46	81.16	54.00	27.16

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Vertical
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Data: 140



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

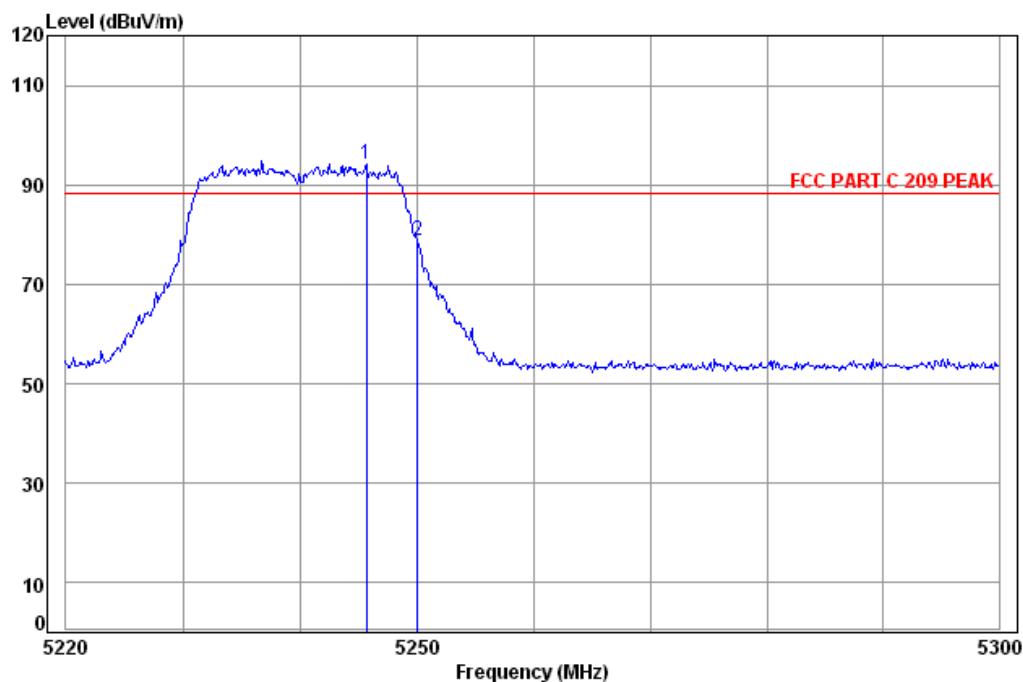
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5234.40	6.17	34.84	39.27	100.04	101.78	88.20	13.58
2	5250.00	6.18	34.83	39.27	85.63	87.37	88.20	-0.83

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Peak	Horizontal
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Data: 142



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

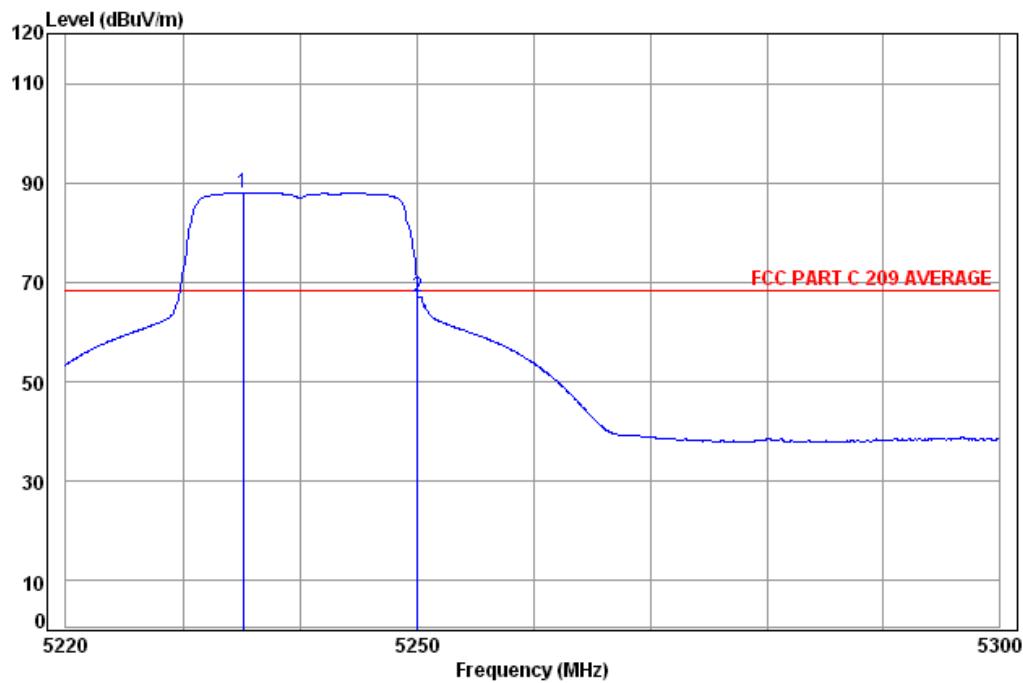
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5245.63	6.18	34.83	39.27	92.57	94.31	88.20	6.11
2	5250.00	6.18	34.83	39.27	77.15	78.89	88.20	-9.31

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Vertical
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Data: 141



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

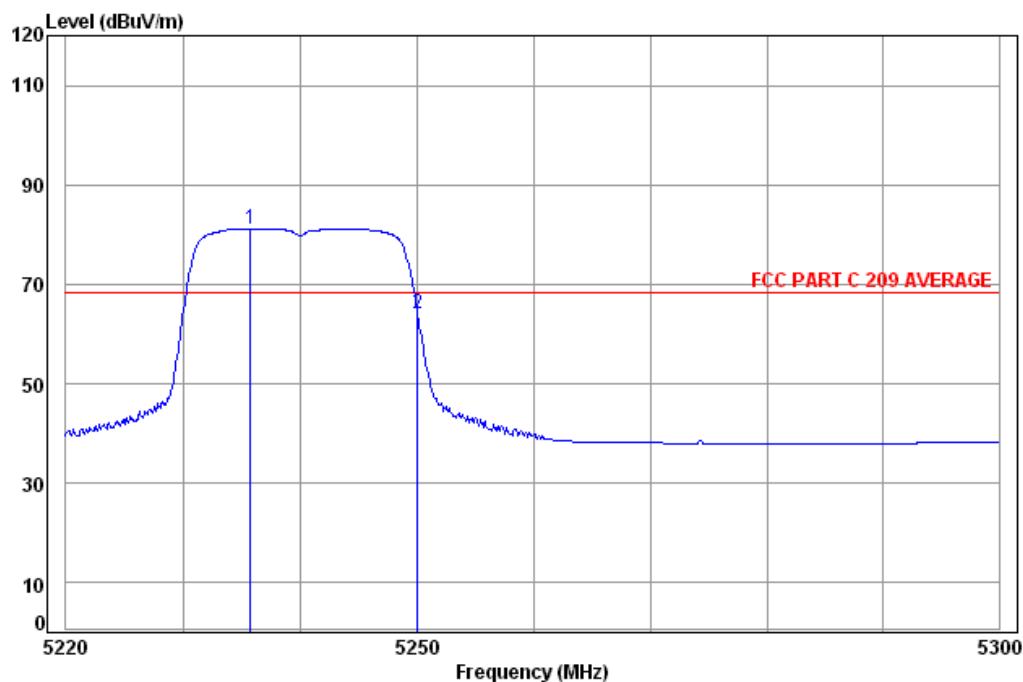
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5235.11	6.17	34.84	39.27	86.17	87.91	68.20	19.71
2	5250.00	6.18	34.83	39.27	65.31	67.05	68.20	-1.15

Test mode:	802.11n(HT20)	Test channel:	48	Remark:	Average	Horizontal
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Data: 143



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

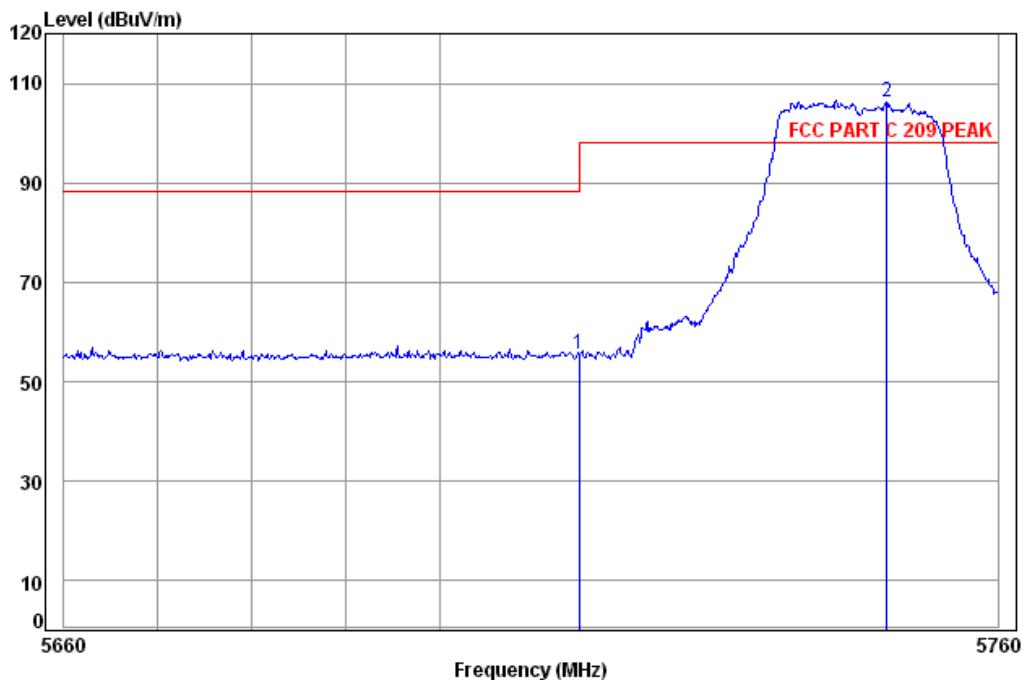
Job No: : 0090IT

Mode: : 5240 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5235.75	6.17	34.84	39.27	79.46	81.20	68.20	13.00
2	5250.00	6.18	34.83	39.27	62.33	64.07	68.20	-4.13

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Vertical
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Data: 138



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

Job No: : 0090IT

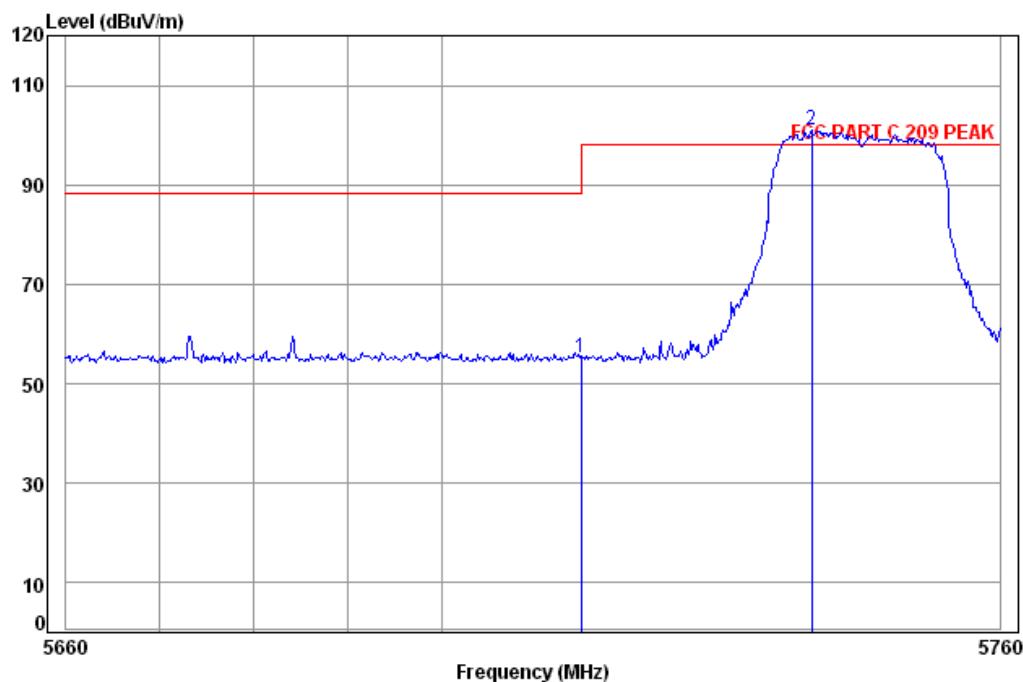
Mode: : 5745 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.30	55.66	88.20	-32.54
2 pp	5748.01	6.94	35.78	39.21	102.75	106.26	98.20	8.06



Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Peak	Horizontal
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Data: 136



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

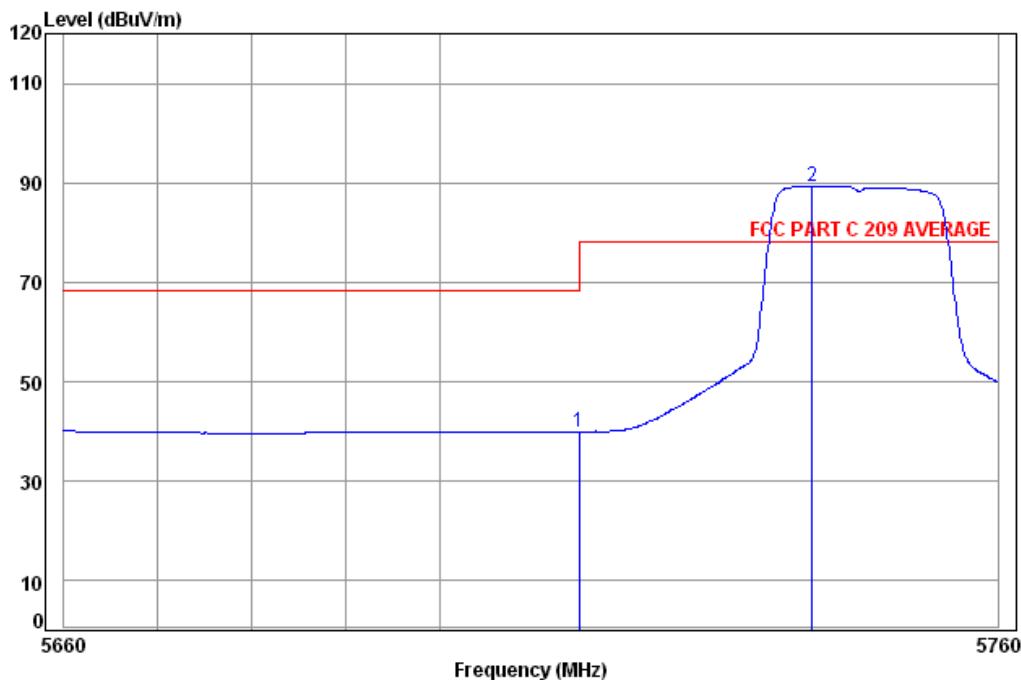
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	51.97	55.33	88.20 -32.87
2 pp	5739.76	6.92	35.76	39.21	97.42	100.89	98.20 2.69

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Vertical
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Data: 139



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

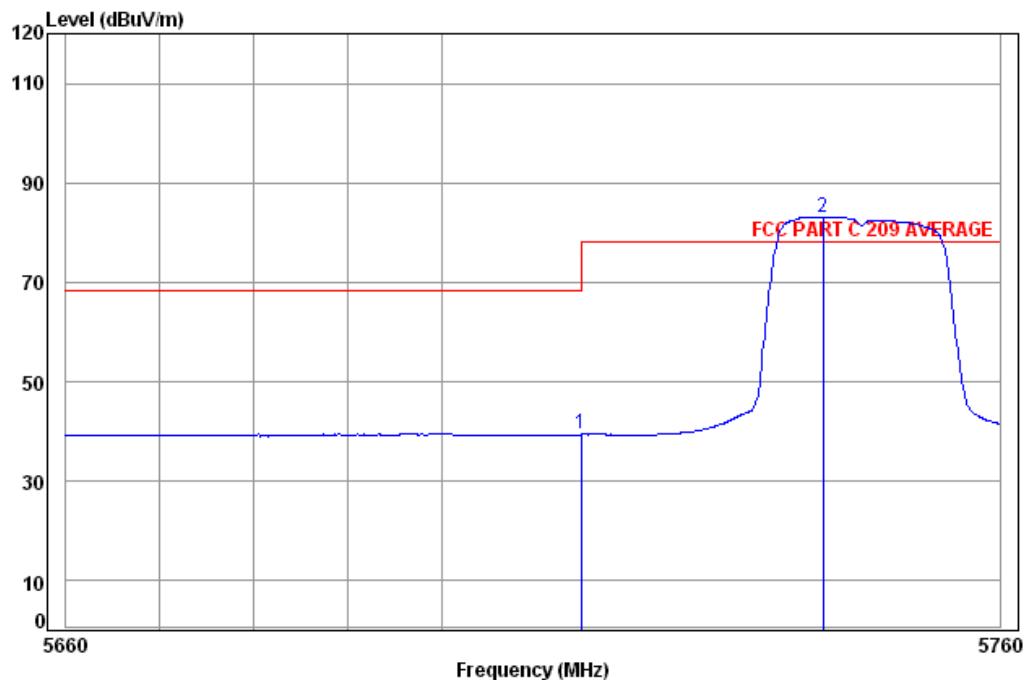
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.65	40.01	68.20 -28.19
2 pp	5739.96	6.92	35.76	39.21	85.92	89.39	78.20 11.19

Test mode:	802.11n(HT20)	Test channel:	149	Remark:	Average	Horizontal
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Data: 137



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

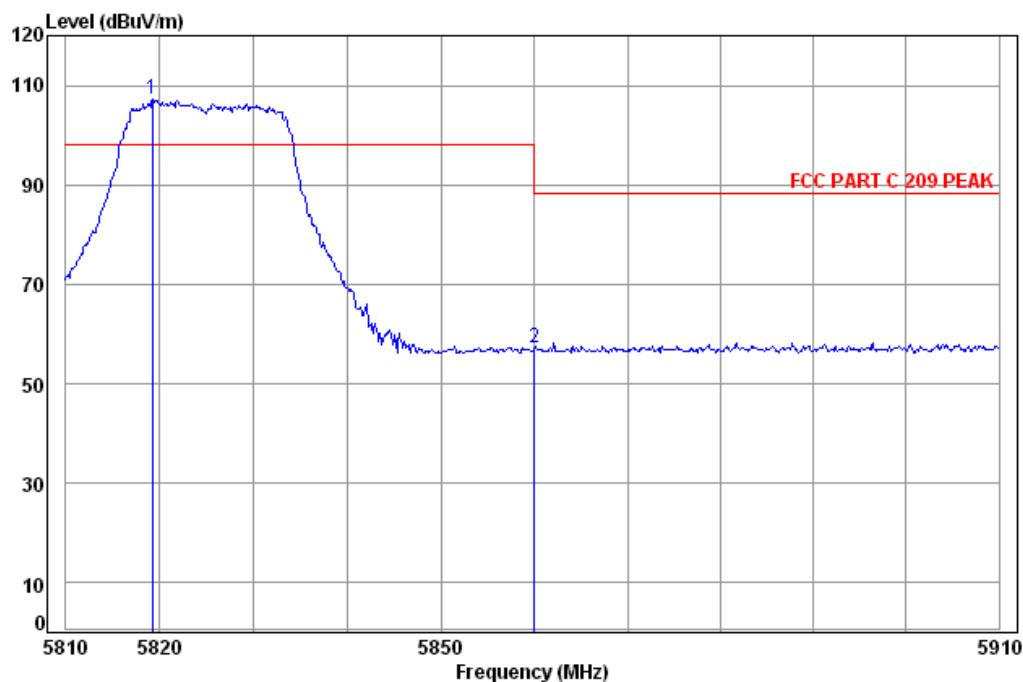
Job No: : 0090IT

Mode: : 5745 N20 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	36.05	39.41	68.20 -28.79
2 pp	5740.97	6.93	35.77	39.21	79.67	83.16	78.20 4.96

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Vertical
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Data: 132



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

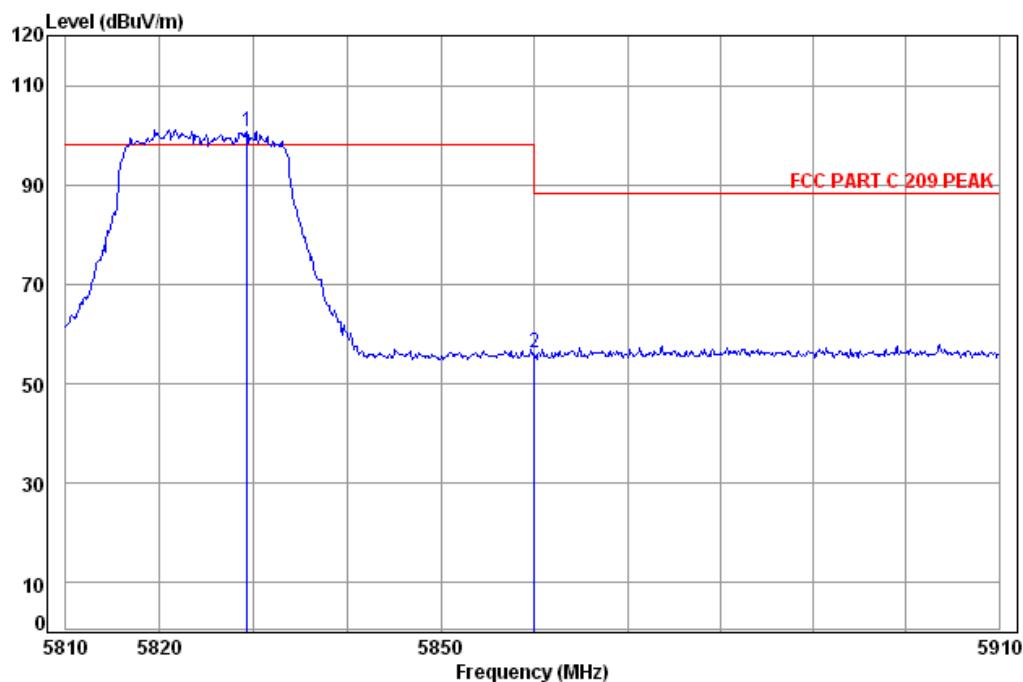
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5819.23	7.11	35.95	39.20	103.27	107.13	98.20	8.93
2	5860.00	7.20	36.03	39.20	53.16	57.19	88.20	-31.01

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Peak	Horizontal
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Data: 134



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

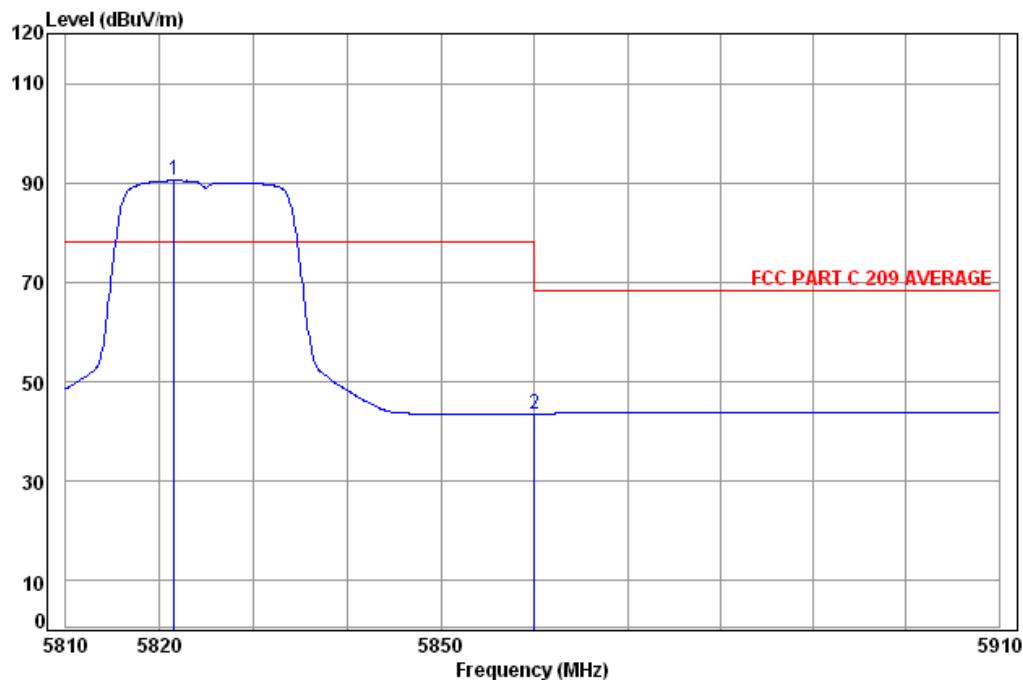
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5829.27	7.13	35.97	39.20	96.97	100.87	98.20	2.67
2	5860.00	7.20	36.03	39.20	52.26	56.29	88.20	-31.91

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Vertical
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Data: 133



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

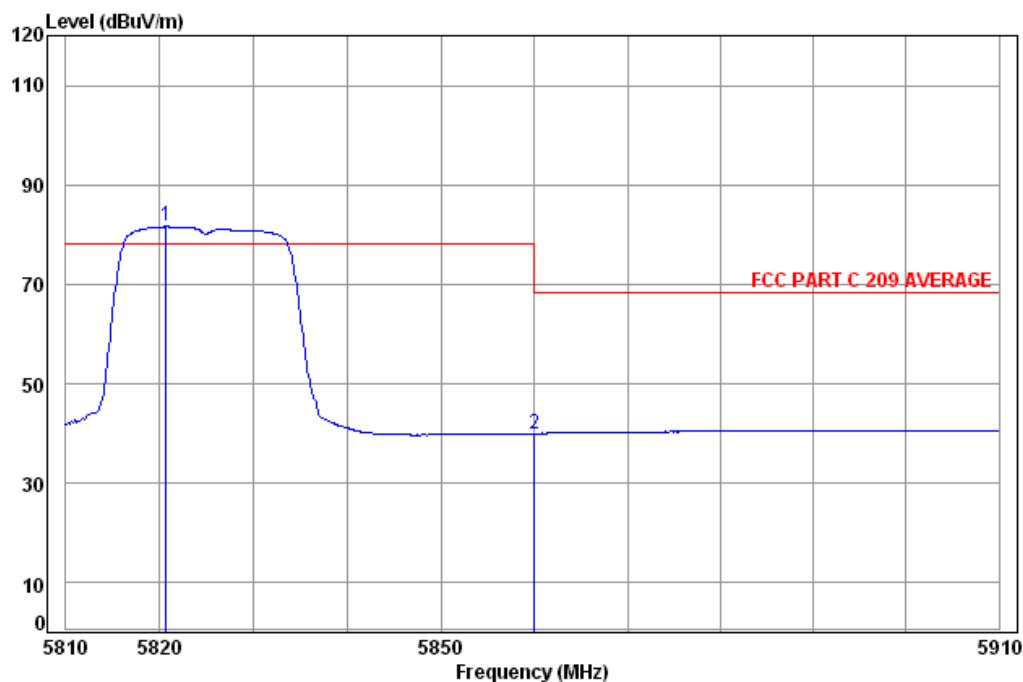
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5821.52	7.11	35.95	39.20	86.60	90.46	78.20	12.26
2	5860.00	7.20	36.03	39.20	39.56	43.59	68.20	-24.61

Test mode:	802.11n(HT20)	Test channel:	165	Remark:	Average	Horizontal
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Data: 135



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

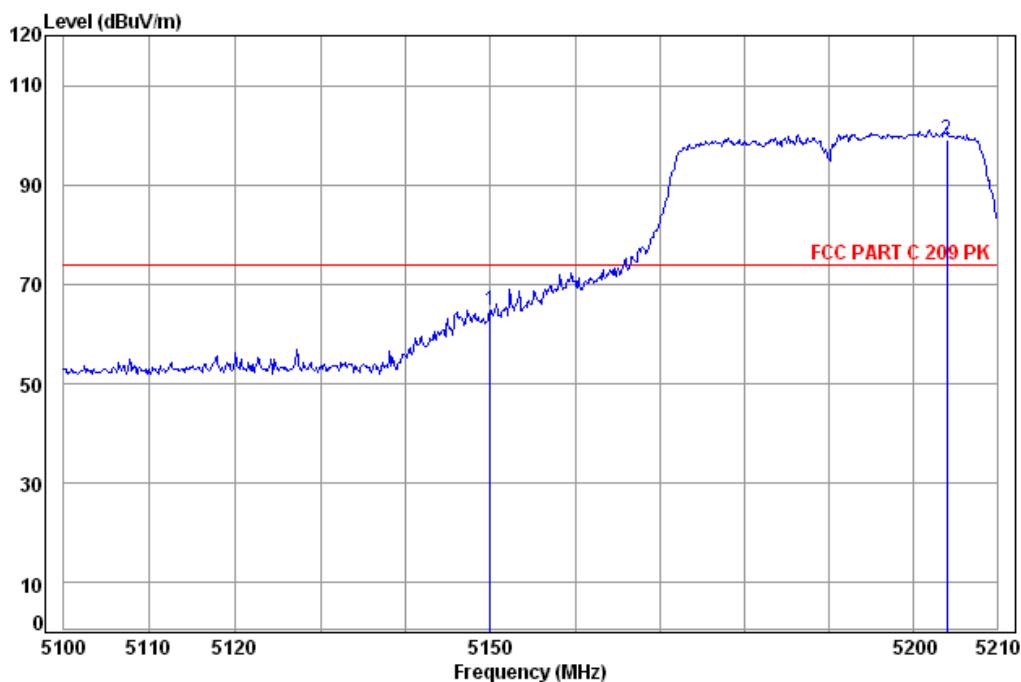
Job No: : 0090IT

Mode: : 5825 N20 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5820.62	7.11	35.95	39.20	77.77	81.63	78.20	3.43
2	5860.00	7.20	36.03	39.20	36.00	40.03	68.20	-28.17

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Vertical
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Data: 148



Site : chamber

Condition: FCC PART C 209 PK 3m Vertical

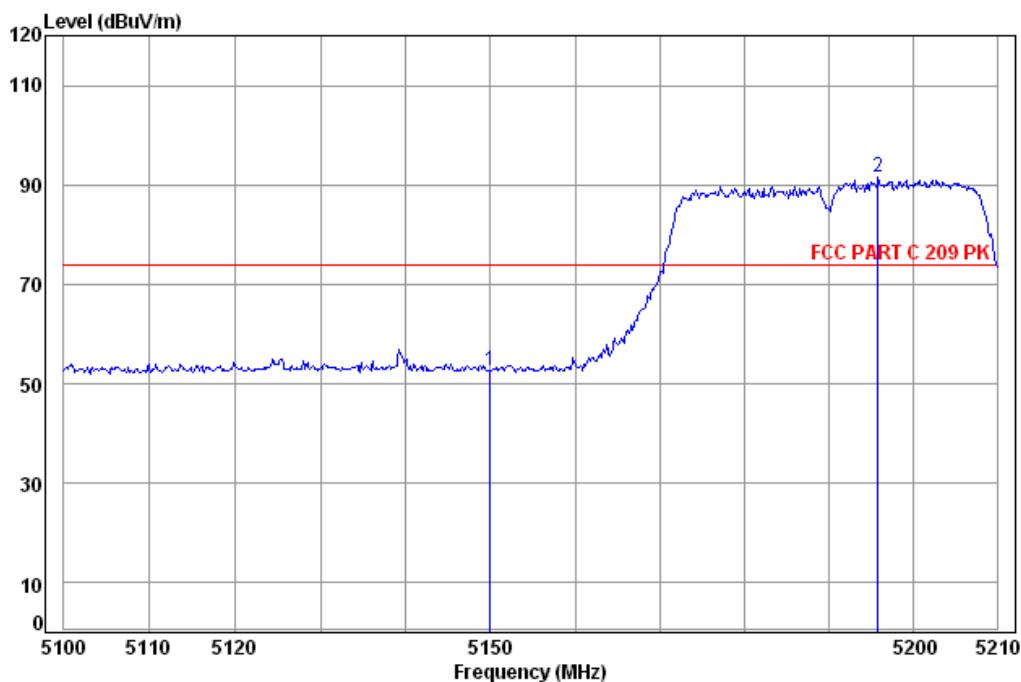
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	63.10	64.78	74.00	-9.22
2 pp	5204.02	6.15	34.85	39.27	97.47	99.20	74.00	25.20

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Peak	Horizontal
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Data: 150



Site : chamber

Condition: FCC PART C 209 PK 3m Horizontal

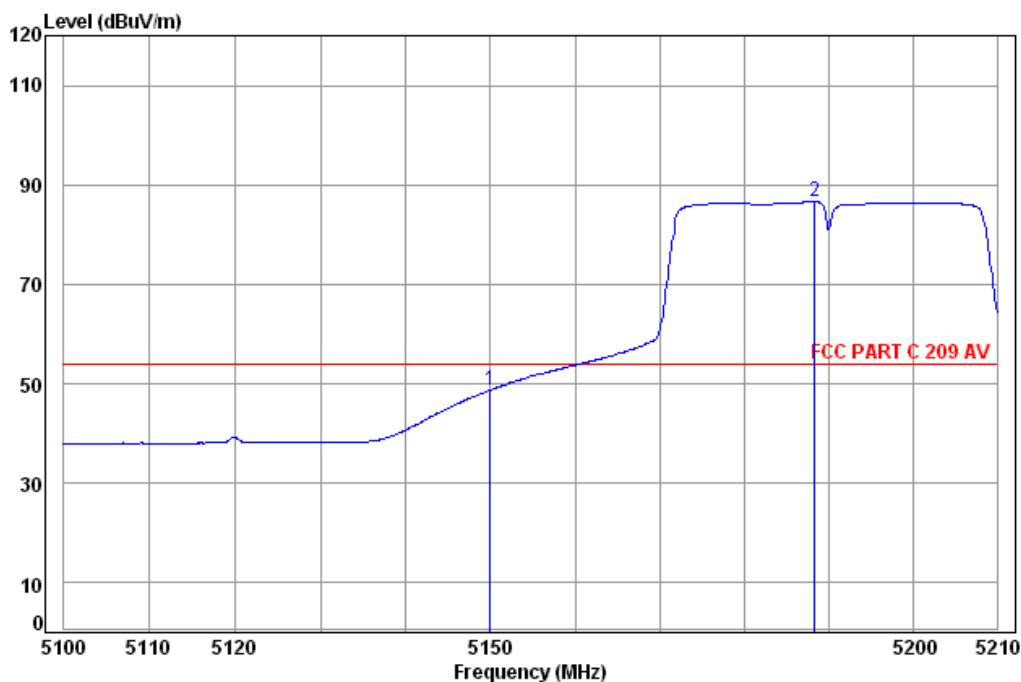
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	51.06	52.74	74.00	-21.26
2 pp	5195.90	6.14	34.85	39.28	89.70	91.41	74.00	17.41

Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Vertical
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Data: 149



Site : chamber

Condition: FCC PART C 209 AV 3m Vertical

Job No: : 0090IT

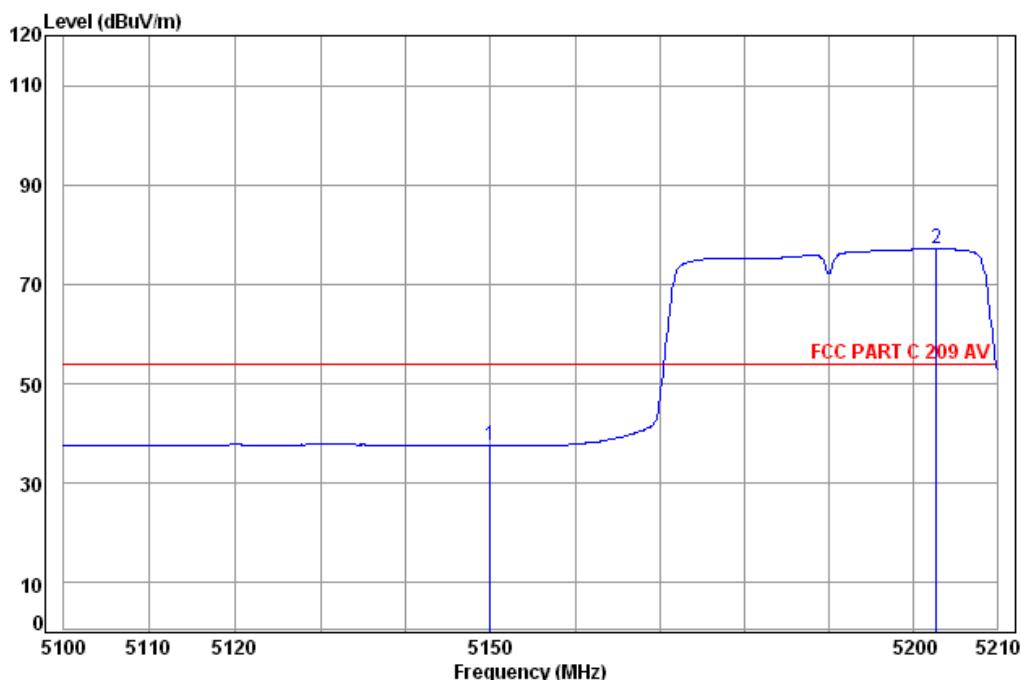
Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	47.10	48.78	54.00	-5.22
2 pp	5188.37	6.13	34.85	39.28	84.92	86.62	54.00	32.62



Test mode:	802.11n(HT40)	Test channel:	38	Remark:	Average	Horizontal
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Data: 151



Site : chamber

Condition: FCC PART C 209 AV 3m Horizontal

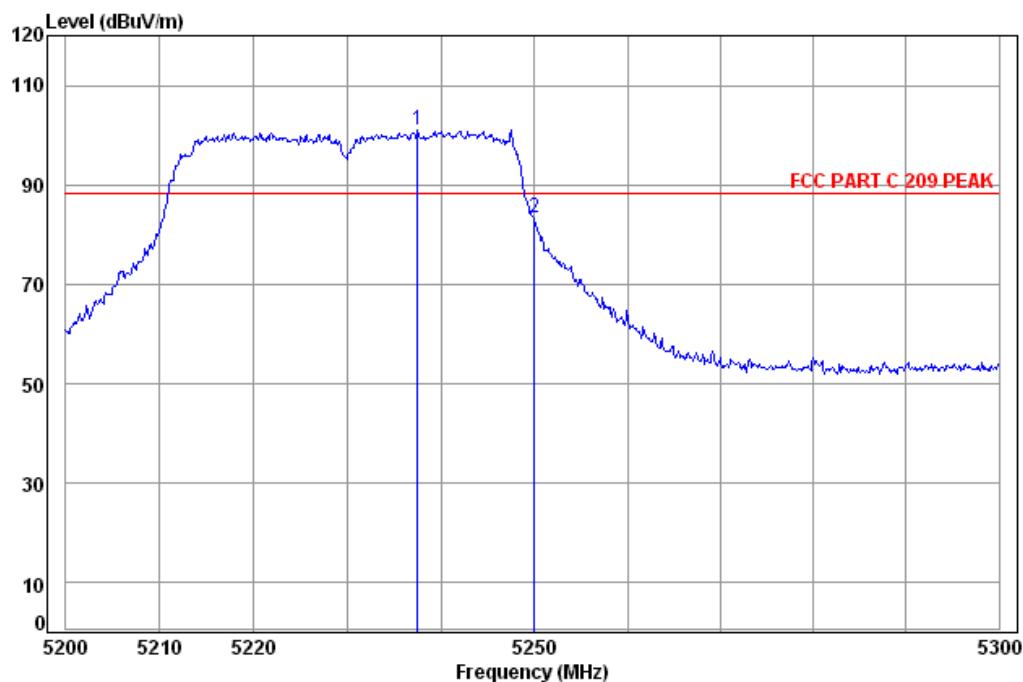
Job No: : 0090IT

Mode: : 5190 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1	5150.00	6.10	34.86	39.28	35.82	37.50	54.00	-16.50
2 pp	5202.78	6.14	34.85	39.27	75.44	77.16	54.00	23.16

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Vertical
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Data: 154



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

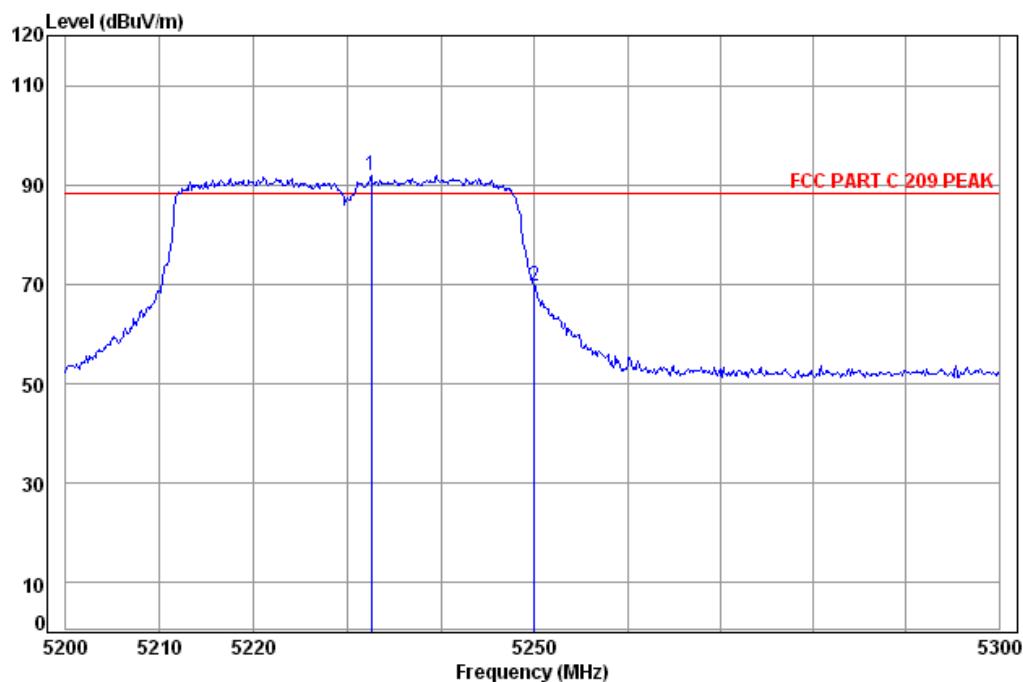
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5237.48	6.17	34.84	39.27	99.24	100.98	88.20	12.78
2	5250.00	6.18	34.83	39.27	81.49	83.23	88.20	-4.97

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Peak	Horizontal
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Data: 152



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

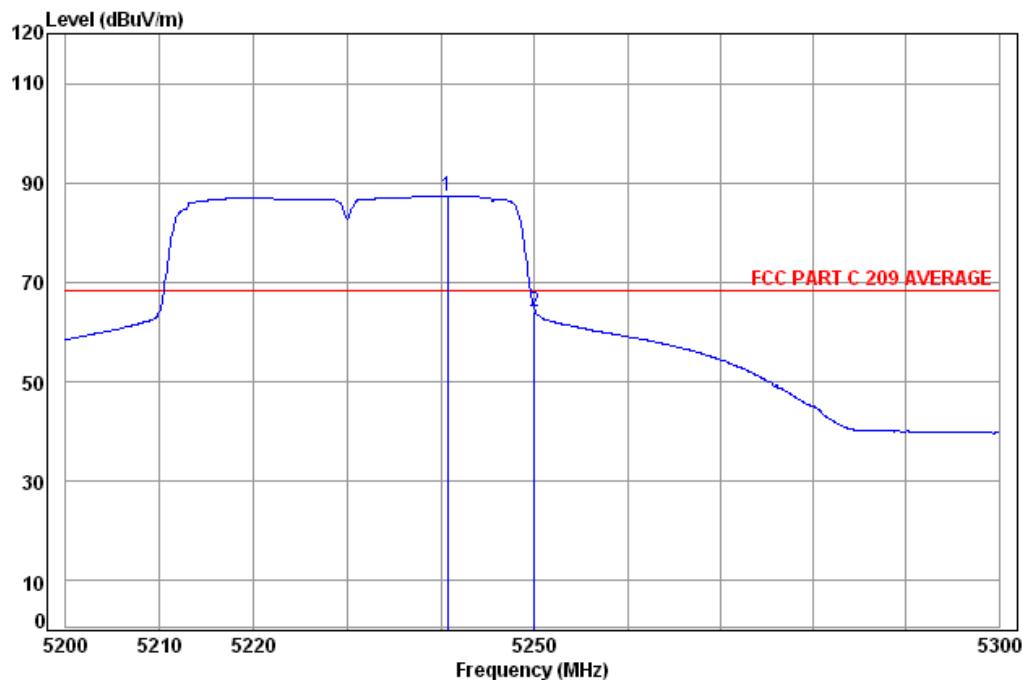
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5232.49	6.17	34.84	39.27	90.08	91.82	88.20	3.62
2	5250.00	6.18	34.83	39.27	68.01	69.75	88.20	-18.45

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Vertical
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Data: 155



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

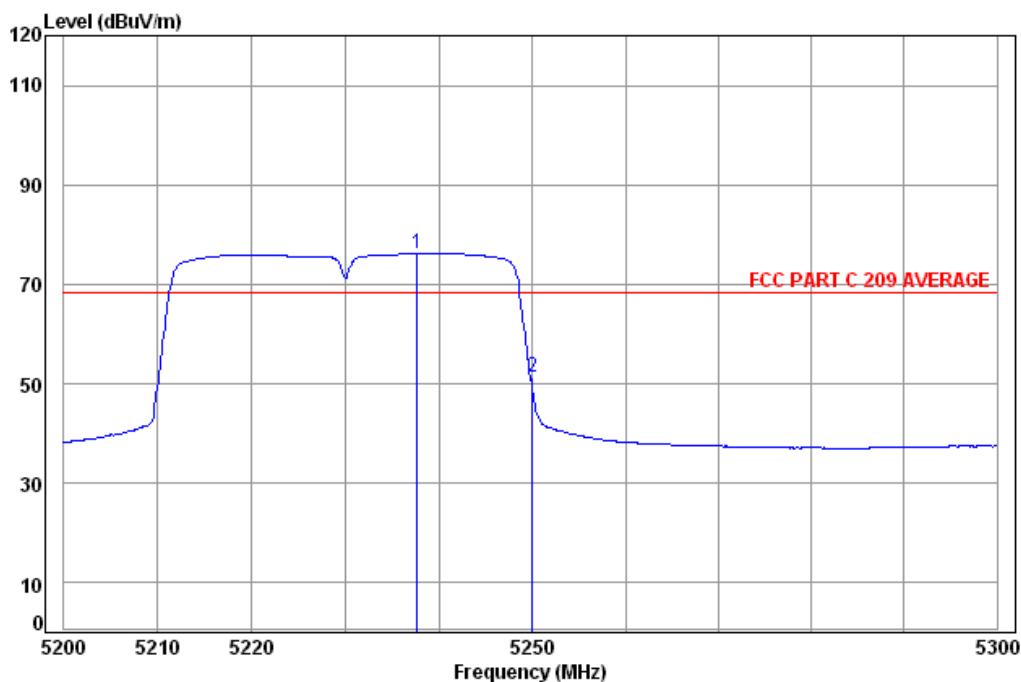
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5240.67	6.17	34.84	39.27	85.58	87.32	68.20	19.12
2	5250.00	6.18	34.83	39.27	62.24	63.98	68.20	-4.22

Test mode:	802.11n(HT40)	Test channel:	46	Remark:	Average	Horizontal
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Data: 153



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

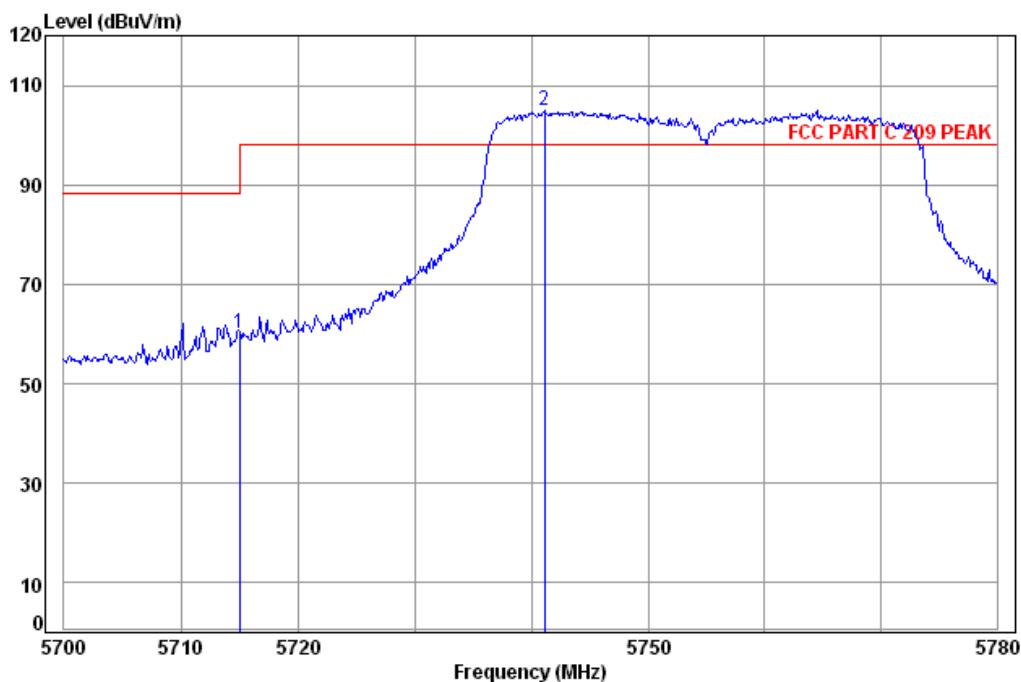
Job No: : 0090IT

Mode: : 5230 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5237.68	6.17	34.84	39.27	74.50	76.24	68.20	8.04
2	5250.00	6.18	34.83	39.27	49.60	51.34	68.20	-16.86

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Vertical
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Data: 156



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

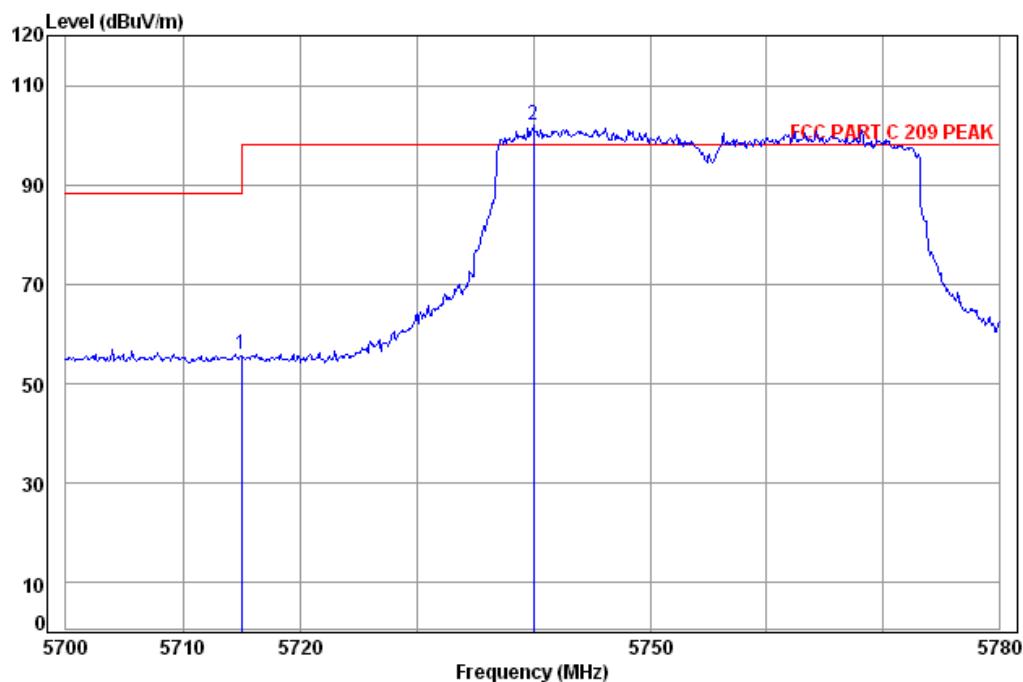
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	56.92	60.28	88.20 -27.92
2 pp	5741.06	6.93	35.77	39.21	101.47	104.96	98.20 6.76

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Peak	Horizontal
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Data: 158



Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

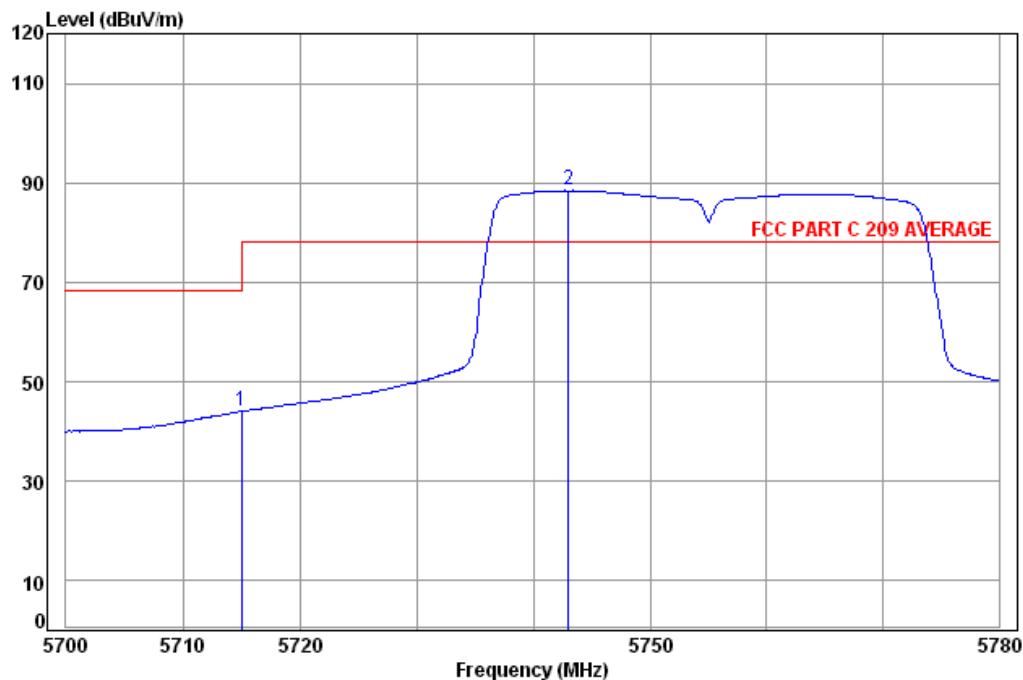
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	52.69	56.05	88.20 -32.15
2 pp	5739.94	6.92	35.76	39.21	98.62	102.09	98.20 3.89

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Vertical
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Data: 151



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

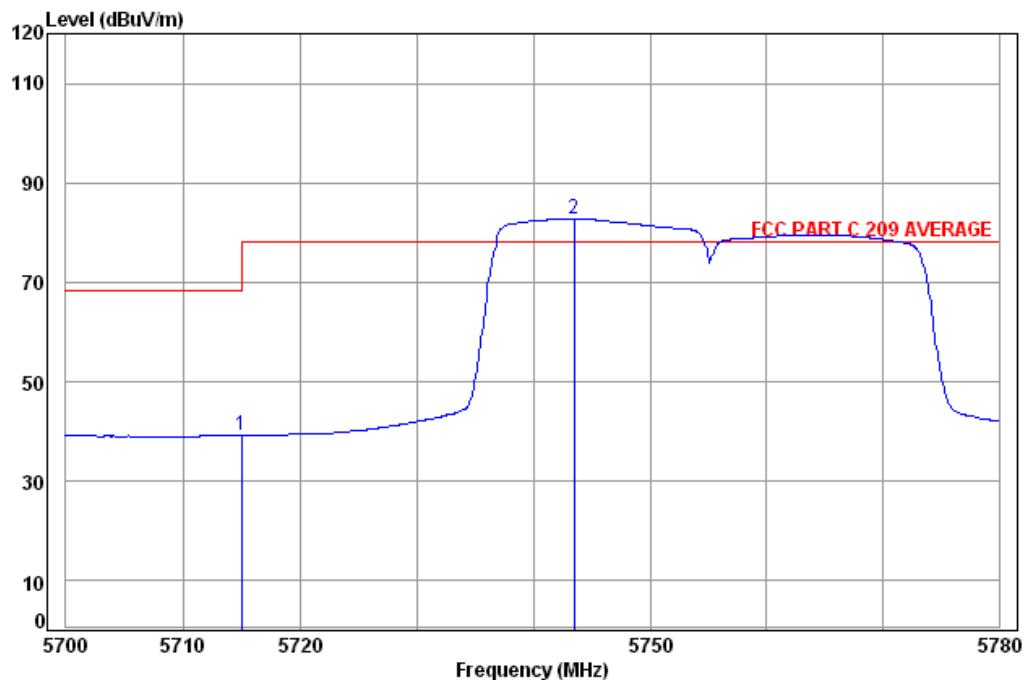
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	40.76	44.12	68.20	-24.08
2 pp	5742.99	6.93	35.77	39.21	84.97	88.46	78.20	10.26

Test mode:	802.11n(HT40)	Test channel:	151	Remark:	Average	Horizontal
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Data: 159



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

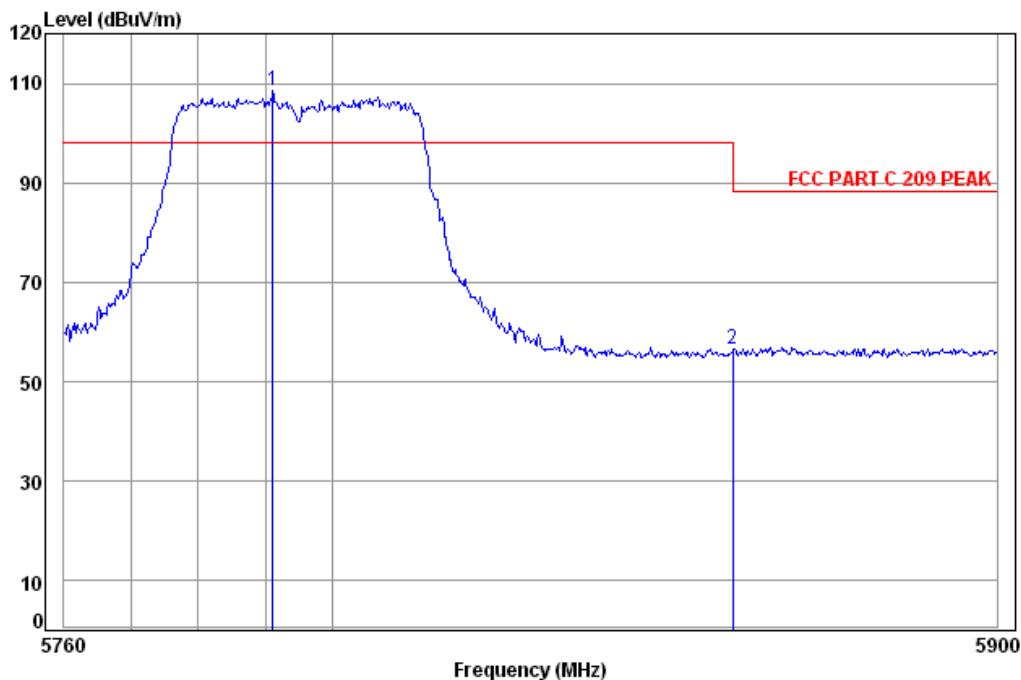
Job No: : 0090IT

Mode: : 5755 N40 Band edge

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5715.00	6.87	35.70	39.21	35.91	39.27	68.20 -28.93
2 pp	5743.46	6.93	35.77	39.21	79.25	82.74	78.20 4.54

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Vertical
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Data: 162



Site : chamber

Condition: FCC PART C 209 PEAK 3m Vertical

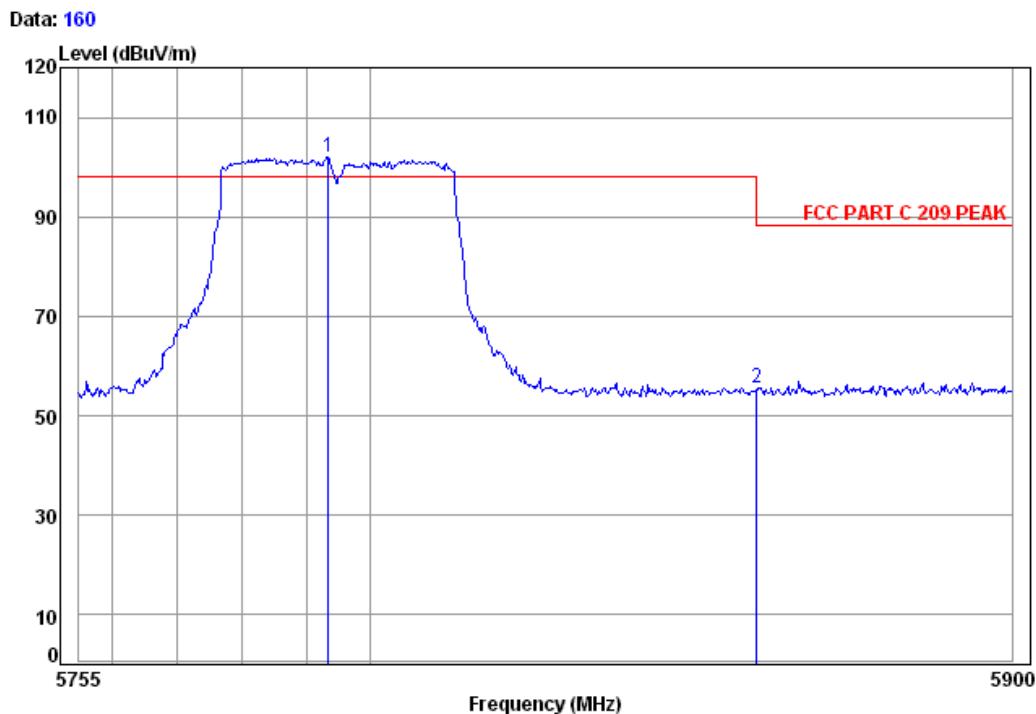
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dB
1 pp	5791.06	7.04	35.89	39.21	104.99	108.71	98.20	10.51
2	5860.00	7.20	36.03	39.20	52.41	56.44	88.20	-31.76



Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Peak	Horizontal
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Site : chamber

Condition: FCC PART C 209 PEAK 3m Horizontal

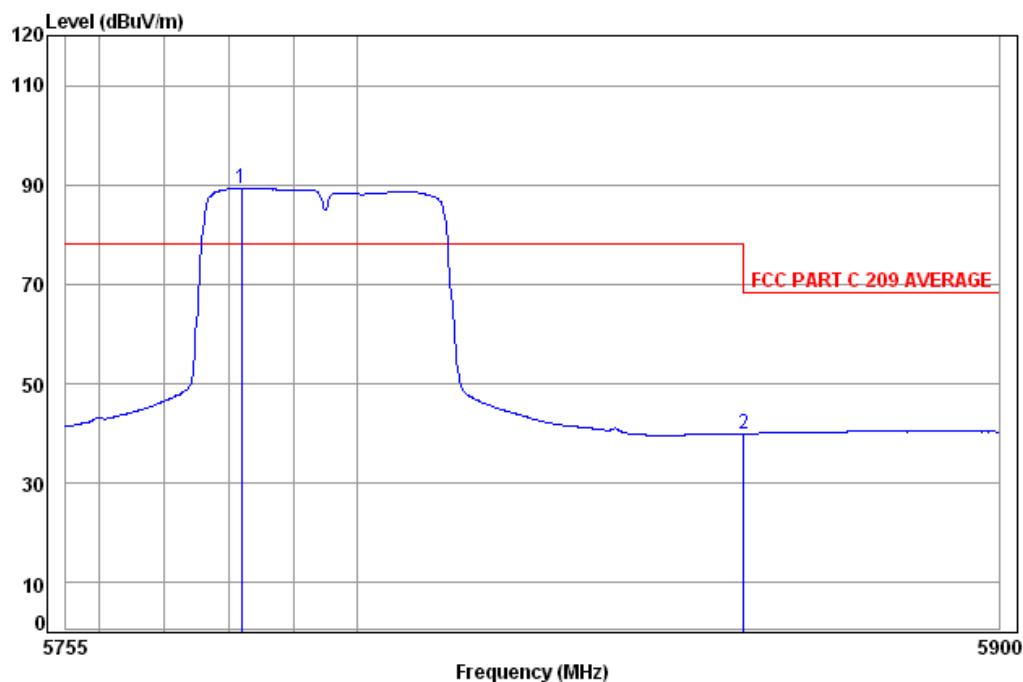
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5793.36	7.05	35.89	39.21	98.42	102.15	98.20 3.95
2	5860.00	7.20	36.03	39.20	51.59	55.62	88.20 -32.58

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Vertical
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Data: 163



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Vertical

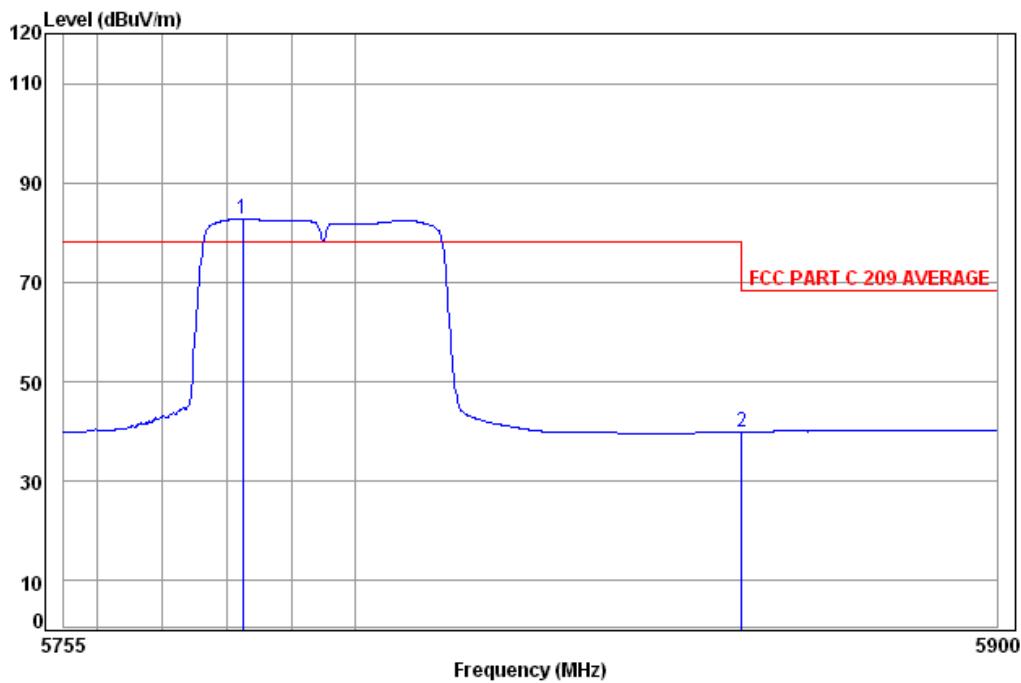
Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Cable Freq	Ant Loss	Preamplifier Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5781.99	7.02	35.87	39.21	85.71	89.39	78.20 11.19
2	5860.00	7.20	36.03	39.20	35.92	39.95	68.20 -28.25

Test mode:	802.11n(HT40)	Test channel:	159	Remark:	Average	Horizontal
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Data: 161



Site : chamber

Condition: FCC PART C 209 AVERAGE 3m Horizontal

Job No: : 0090IT

Mode: : 5795 N40 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit
	MHz	dB	dB/m		dBuV	dBuV/m	dBuV/m	dB
1 pp	5782.56	7.02	35.87	39.21	79.11	82.79	78.20	4.59
2	5860.00	7.20	36.03	39.20	35.78	39.81	68.20	-28.39

Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor