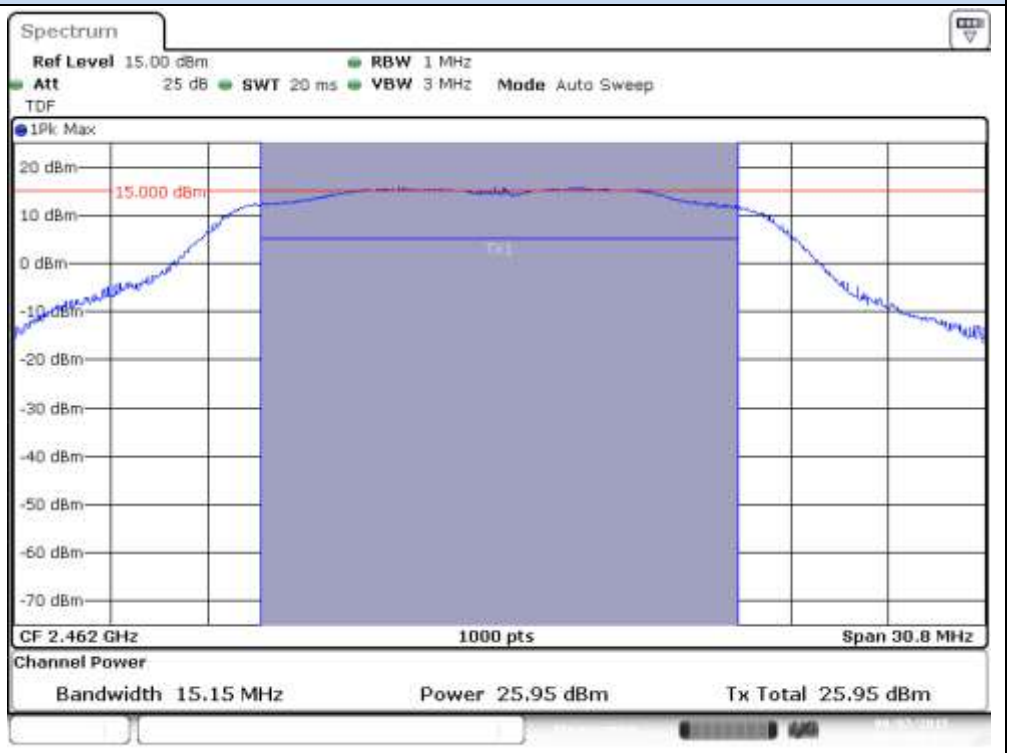
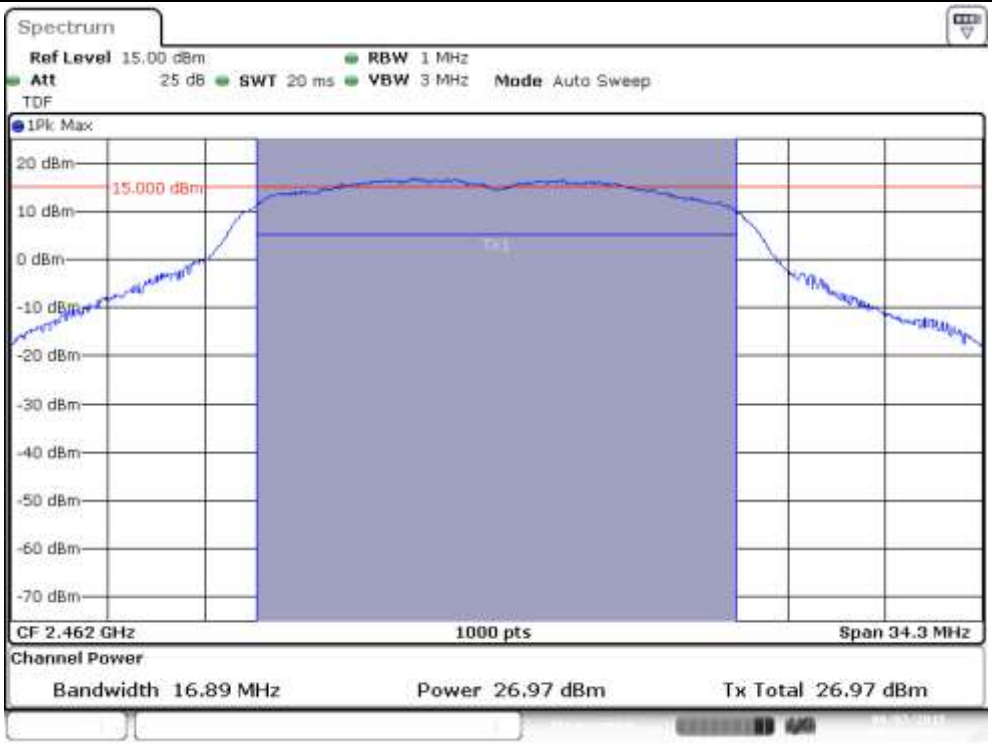
Max Power, Chain A – CH11



Max Power, Chain B – CH11



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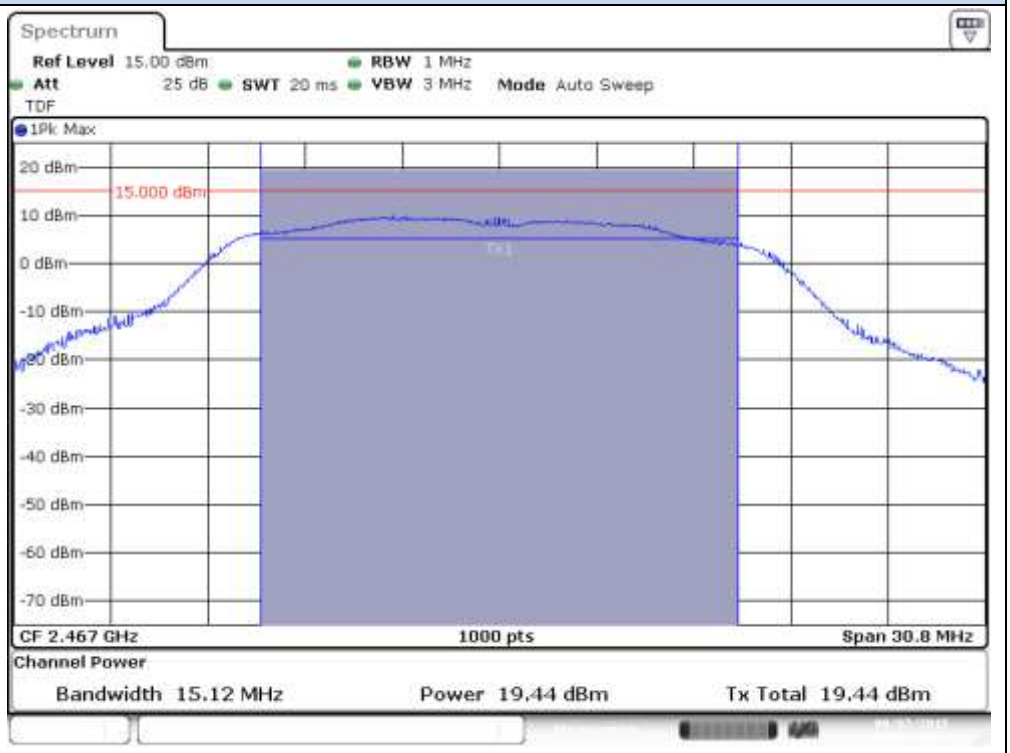
Max Power, Chain A – CH12



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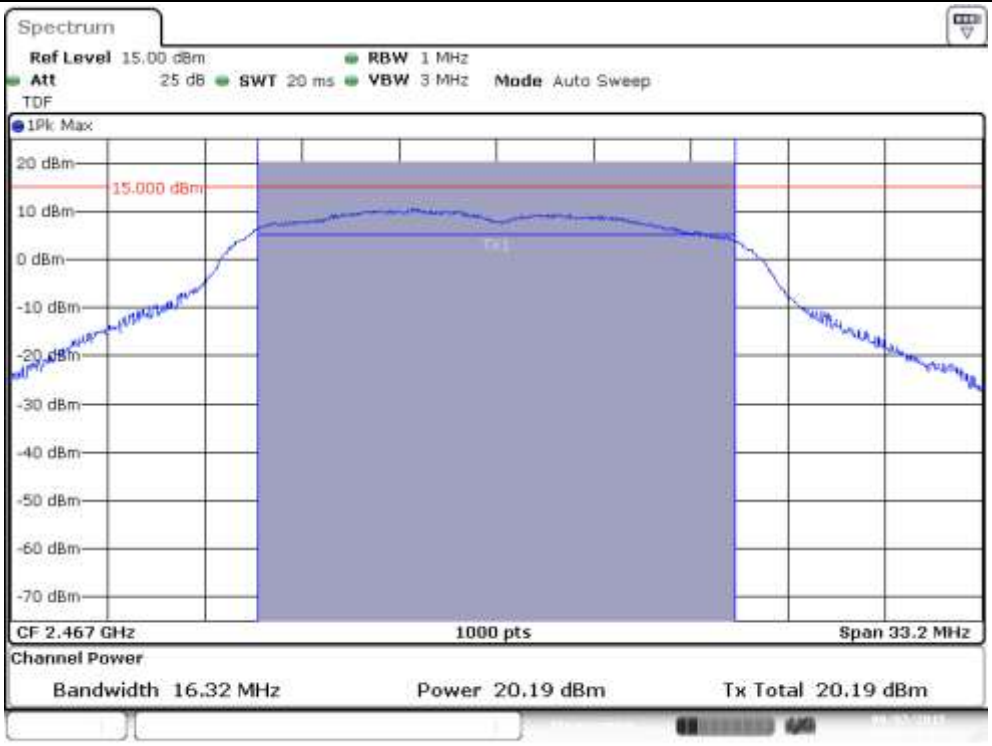
Max Power, Chain B – CH12



Date: 7.SEP.2015 16:40:11

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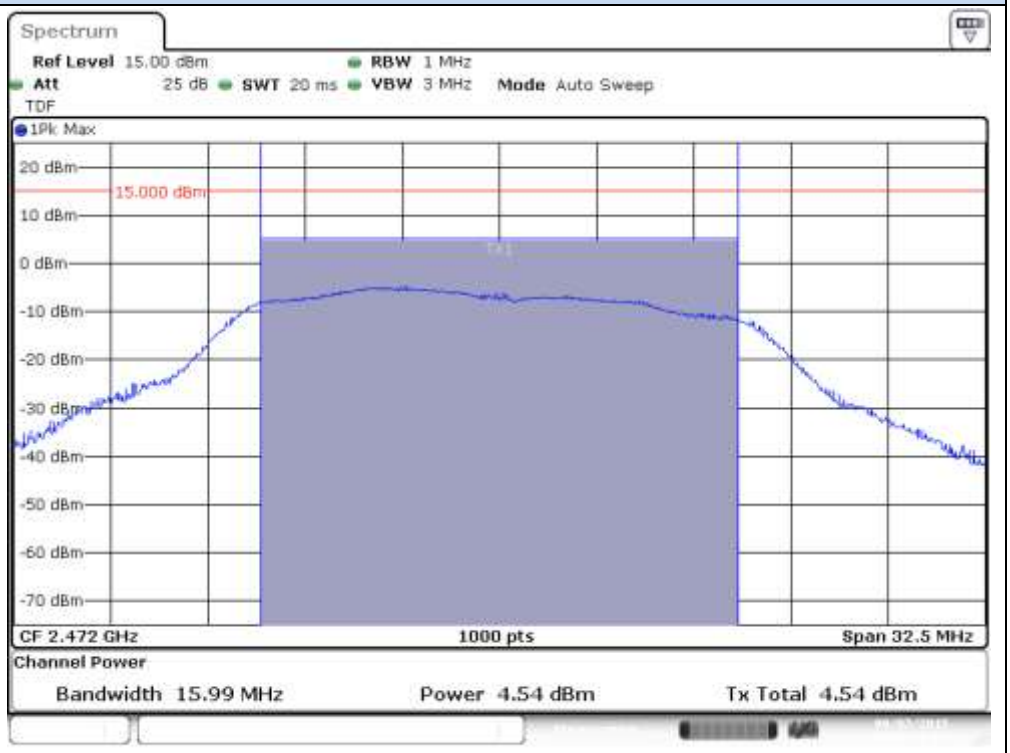
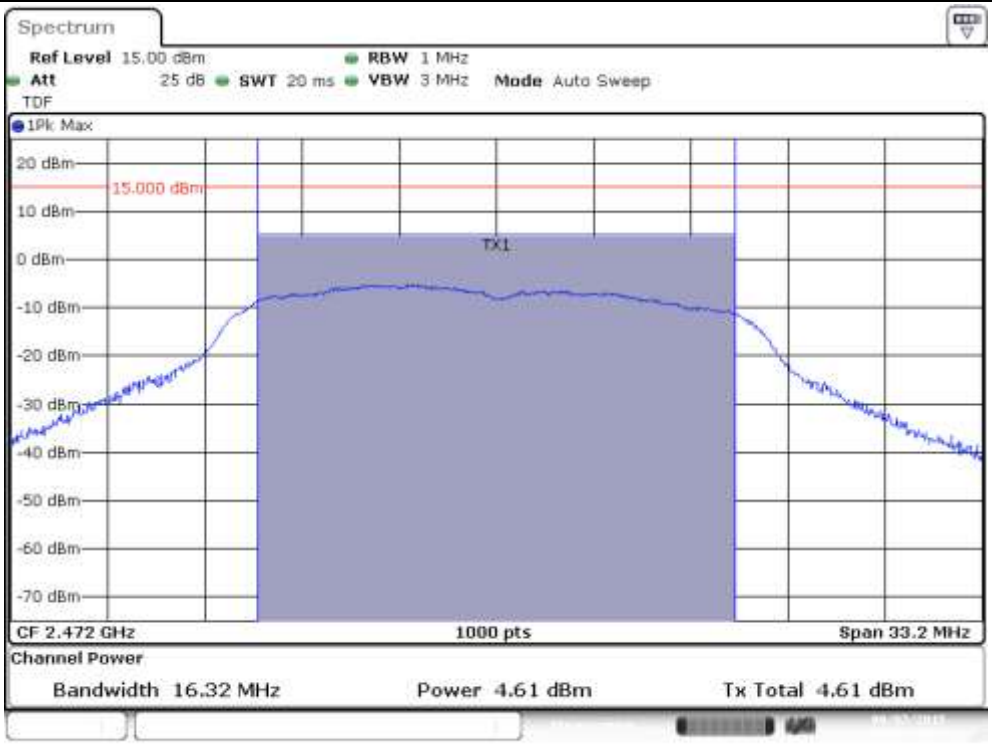
Max Power, Chain A – CH13



Max Power, Chain B – CH13



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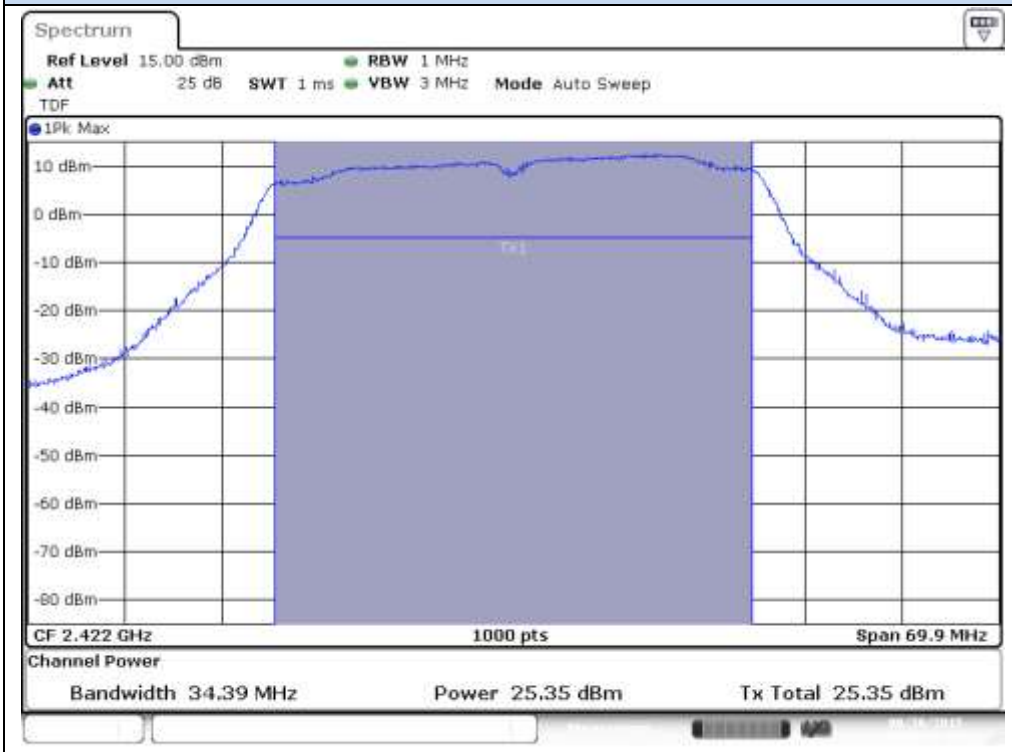
802.11n40, HT0 (SISO)

Max Power, Chain A – CH3F



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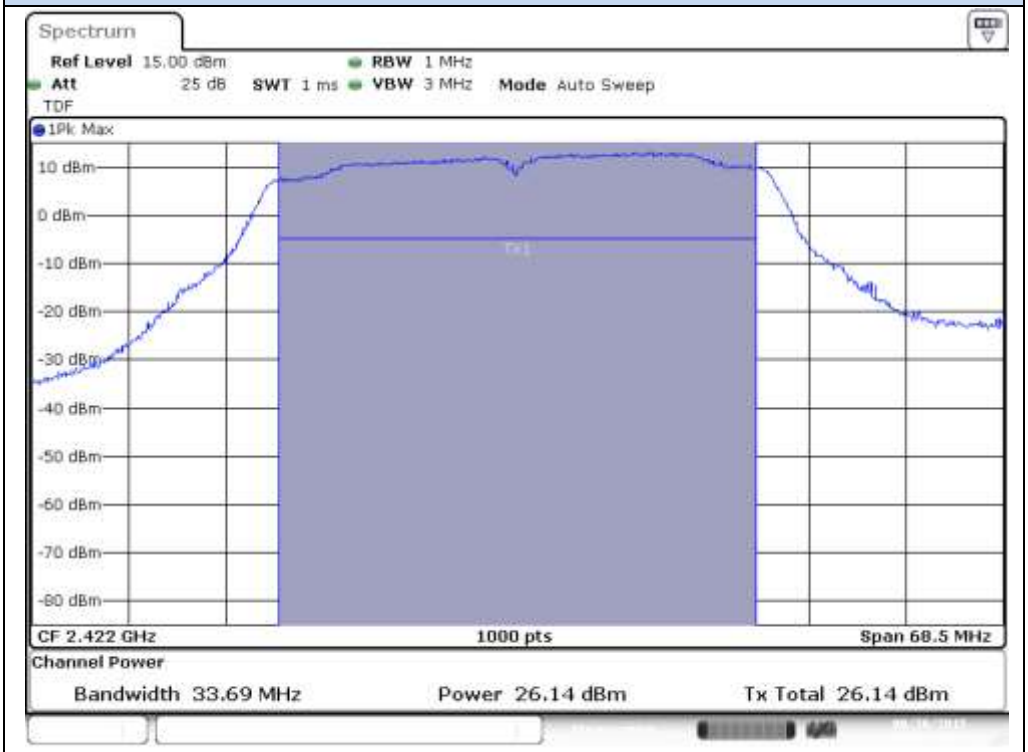
Max Power, Chain B – CH3F



Date: 26.AUG.2015 17:22:55

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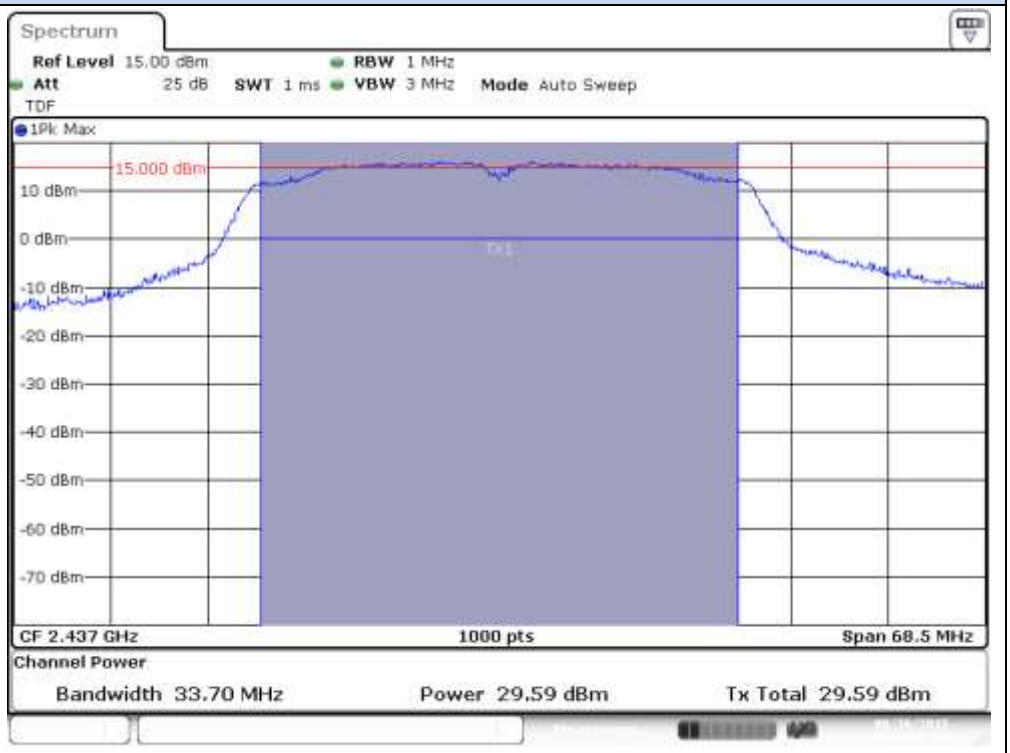
Max Power, Chain A – CH6F



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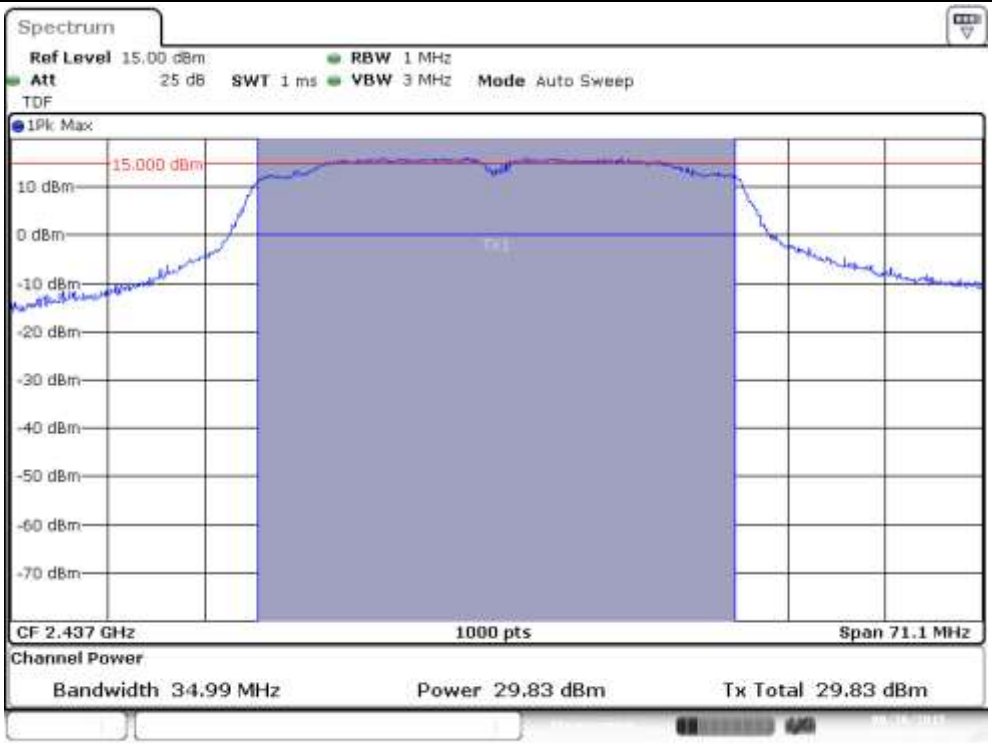
Max Power, Chain B – CH6F



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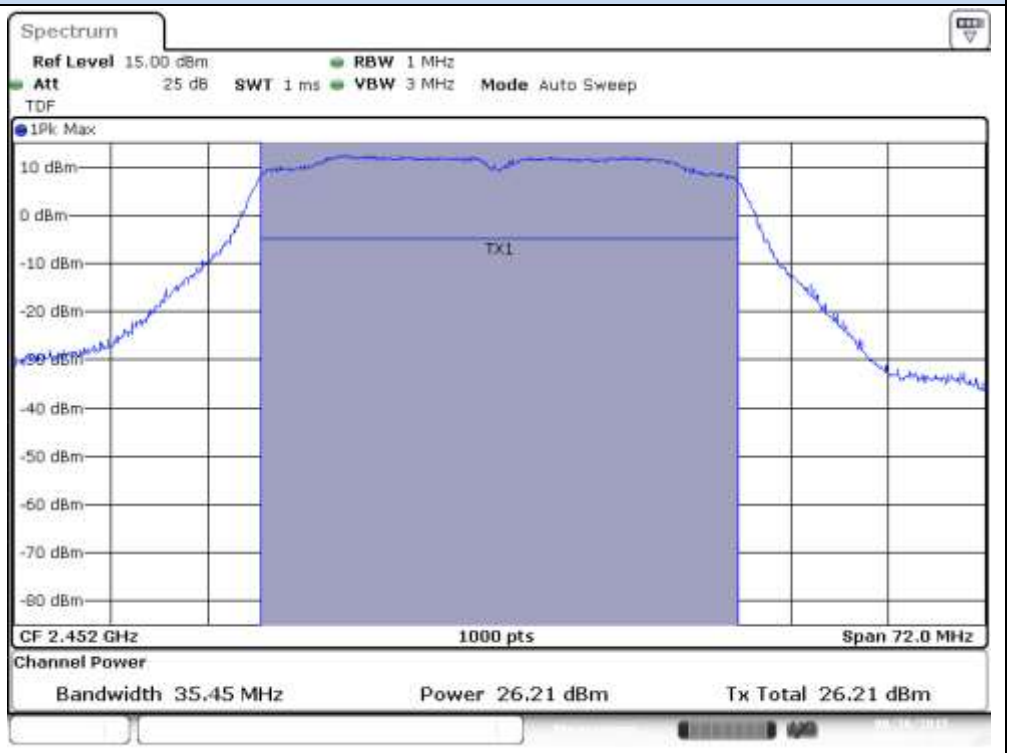
Max Power, Chain A – CH9F



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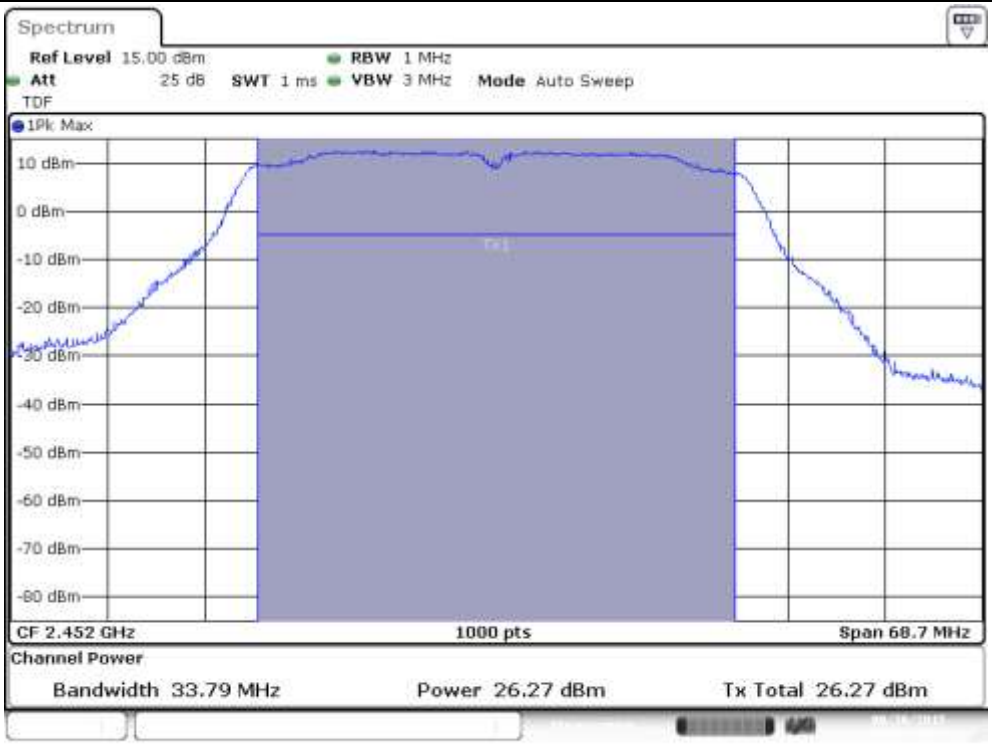

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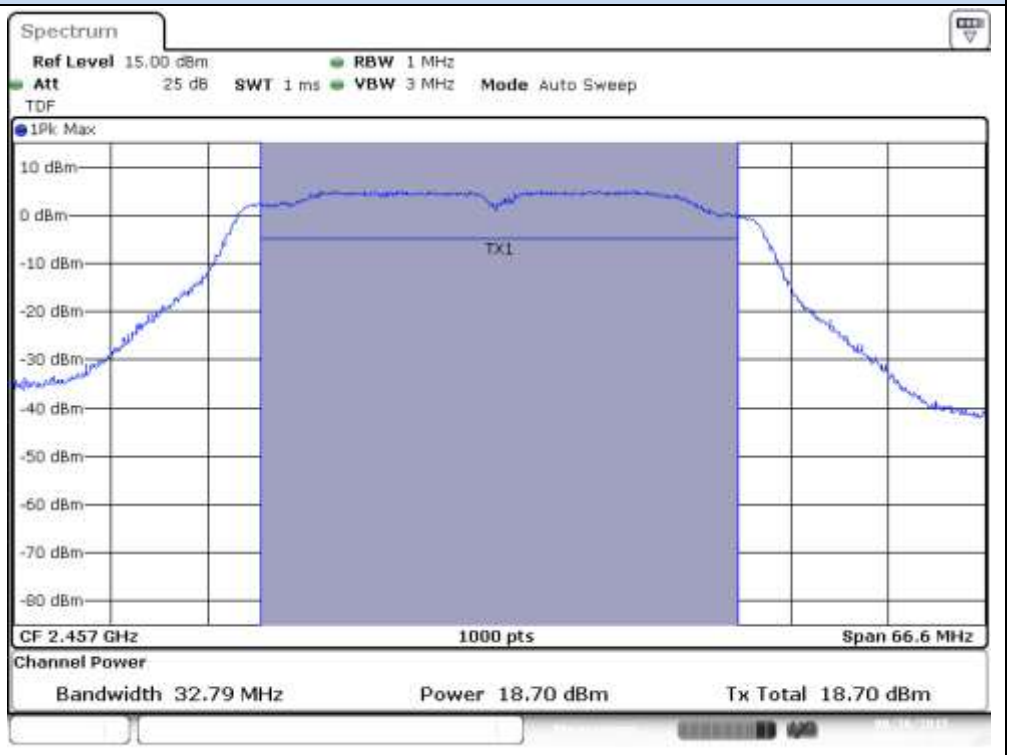
Max Power, Chain A – CH10F



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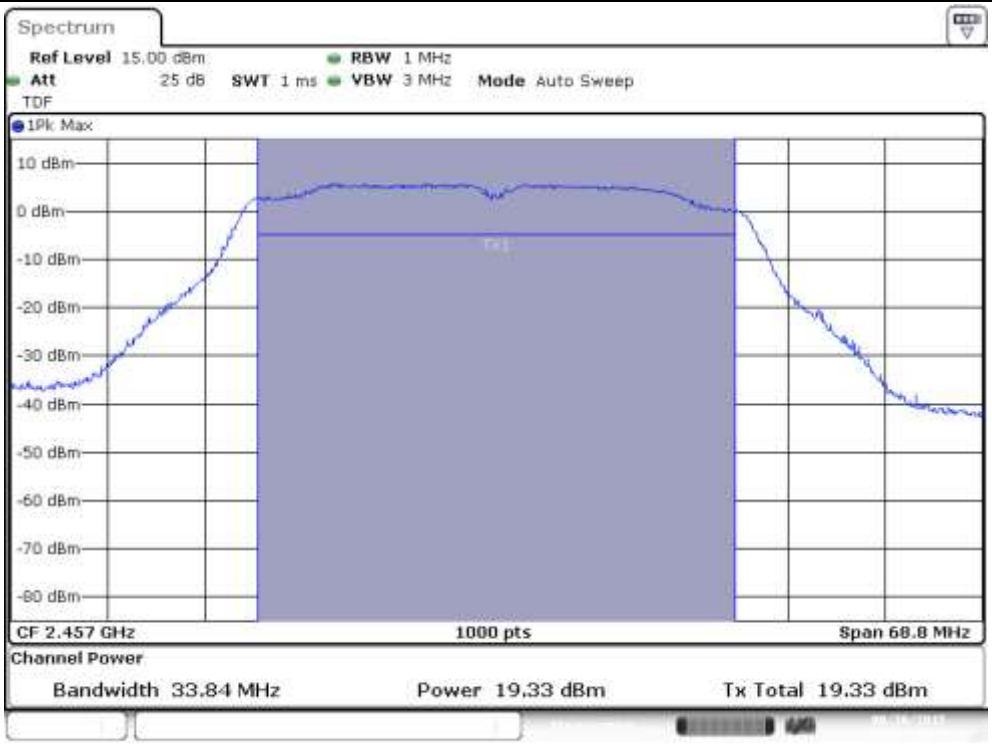
Max Power, Chain B – CH10F



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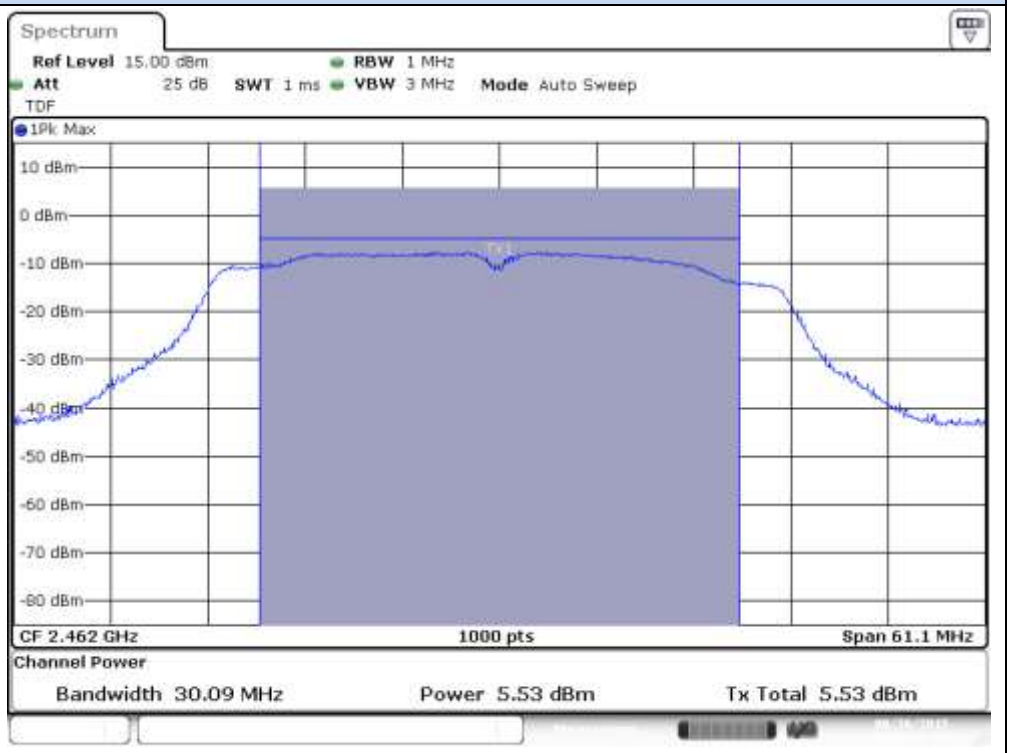
Max Power, Chain A – CH11F



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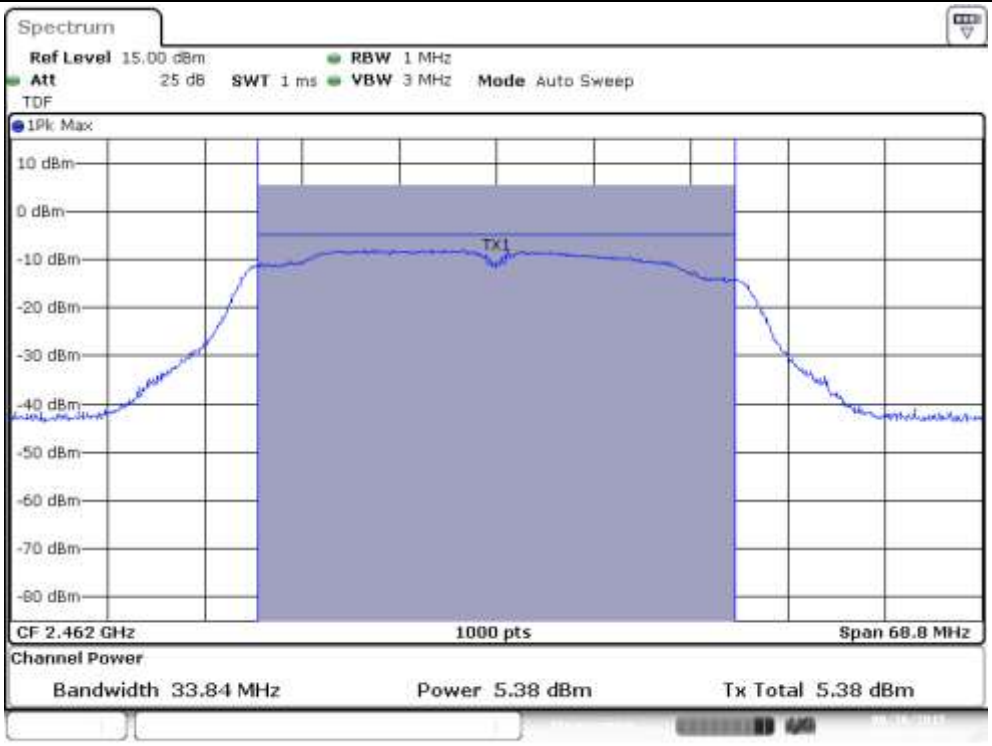
Max Power, Chain B – CH11F



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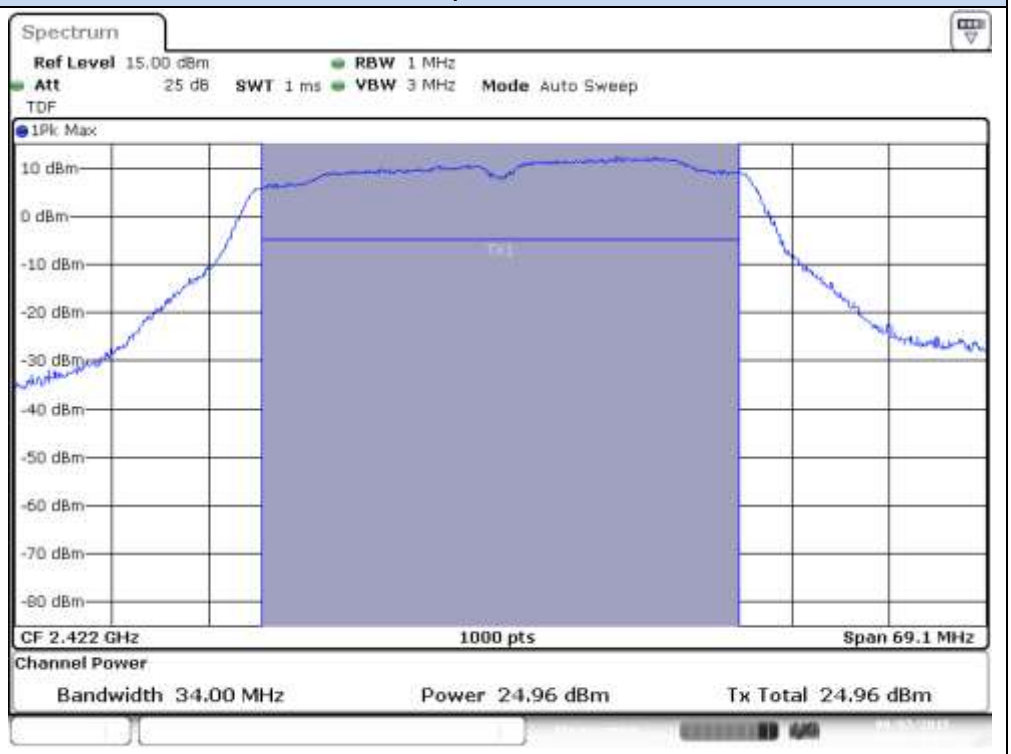
802.11n40, HT8 (MIMO)

Max Power, Chain A – CH3F



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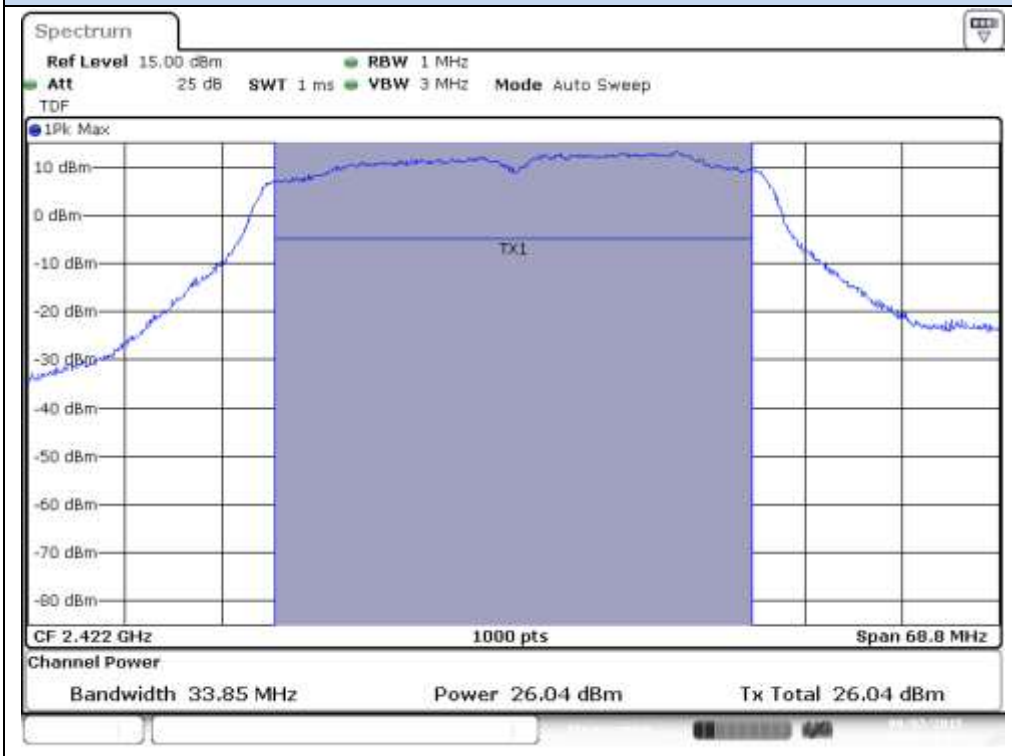
Max Power, Chain B – CH3F



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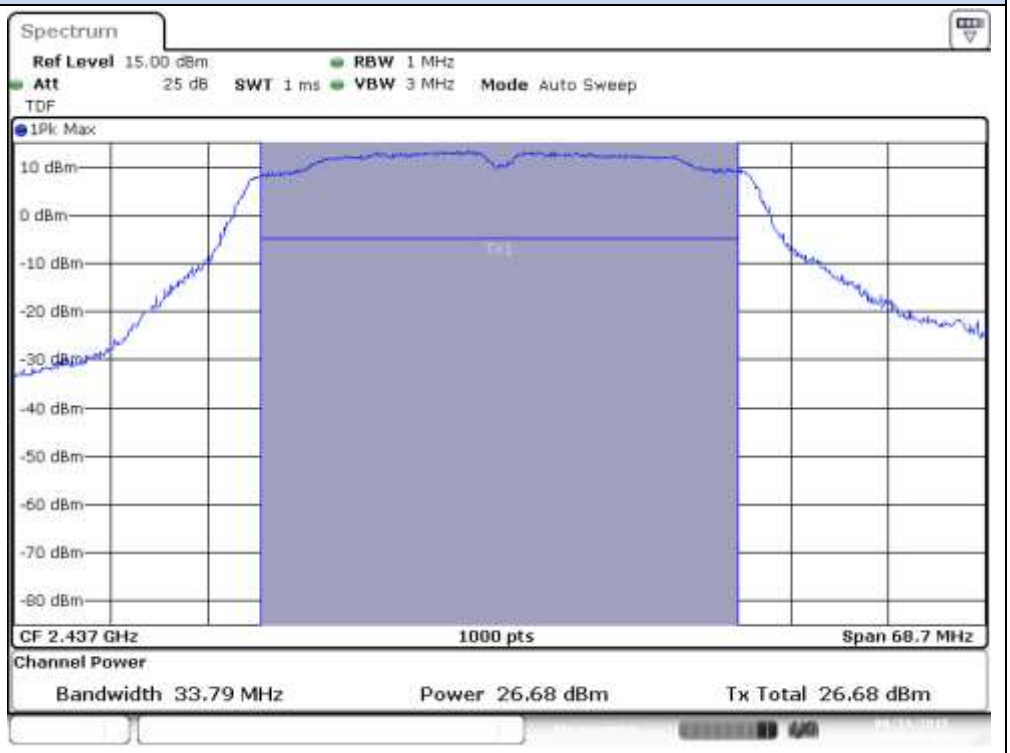
Max Power, Chain A – CH6F



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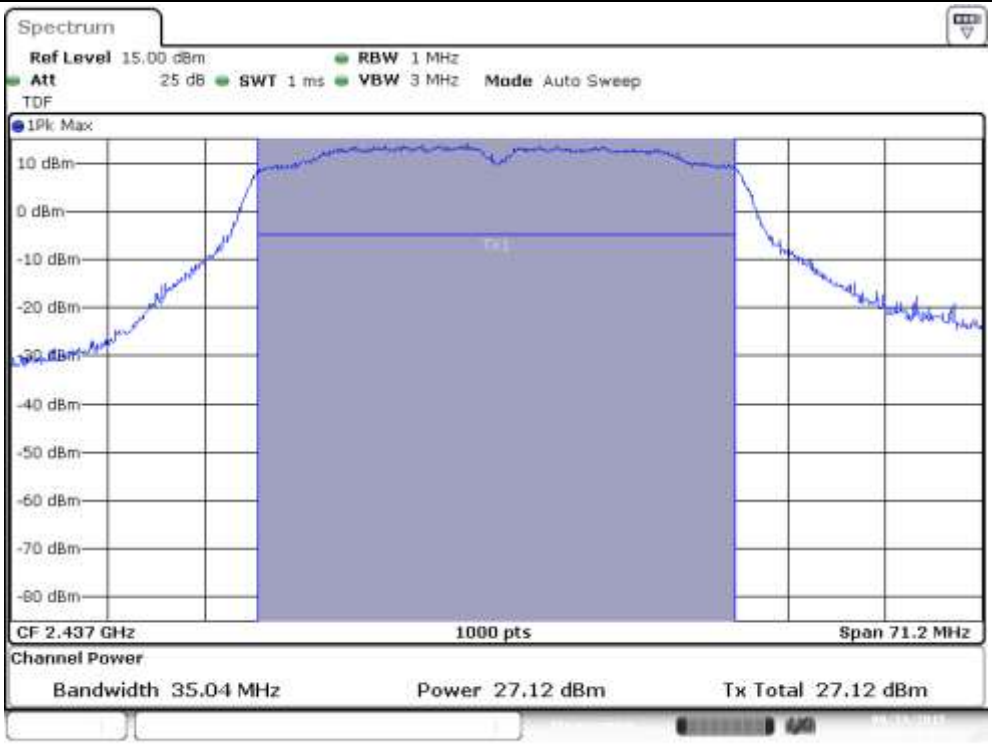
Max Power, Chain B – CH6F



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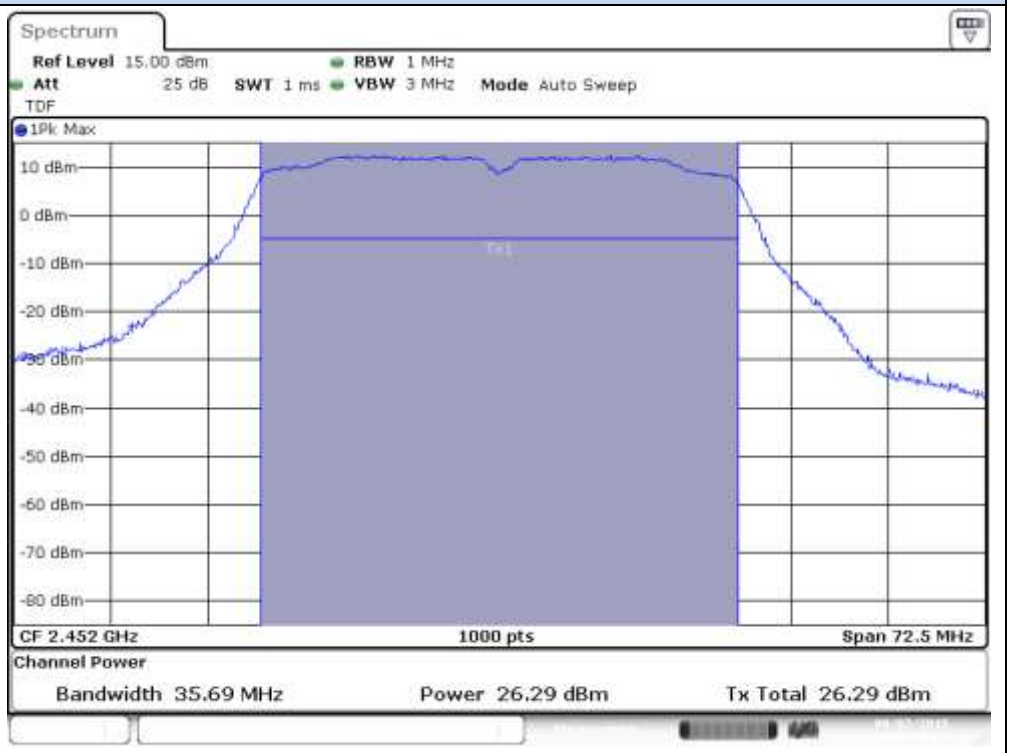
Max Power, Chain A – CH9F



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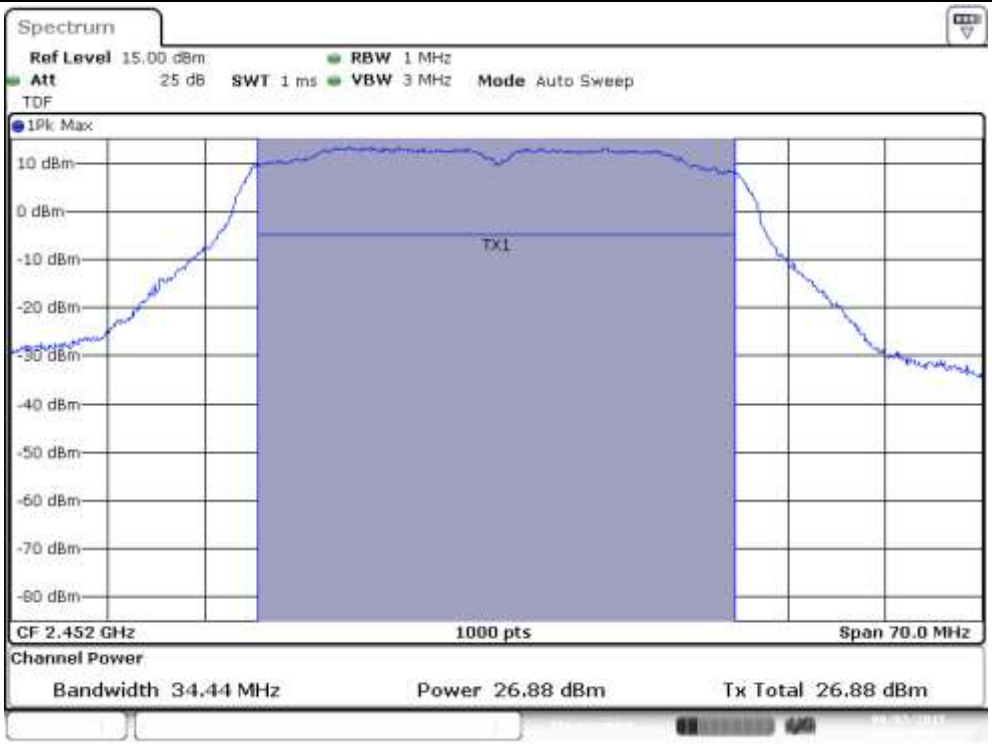
Max Power, Chain B – CH9F



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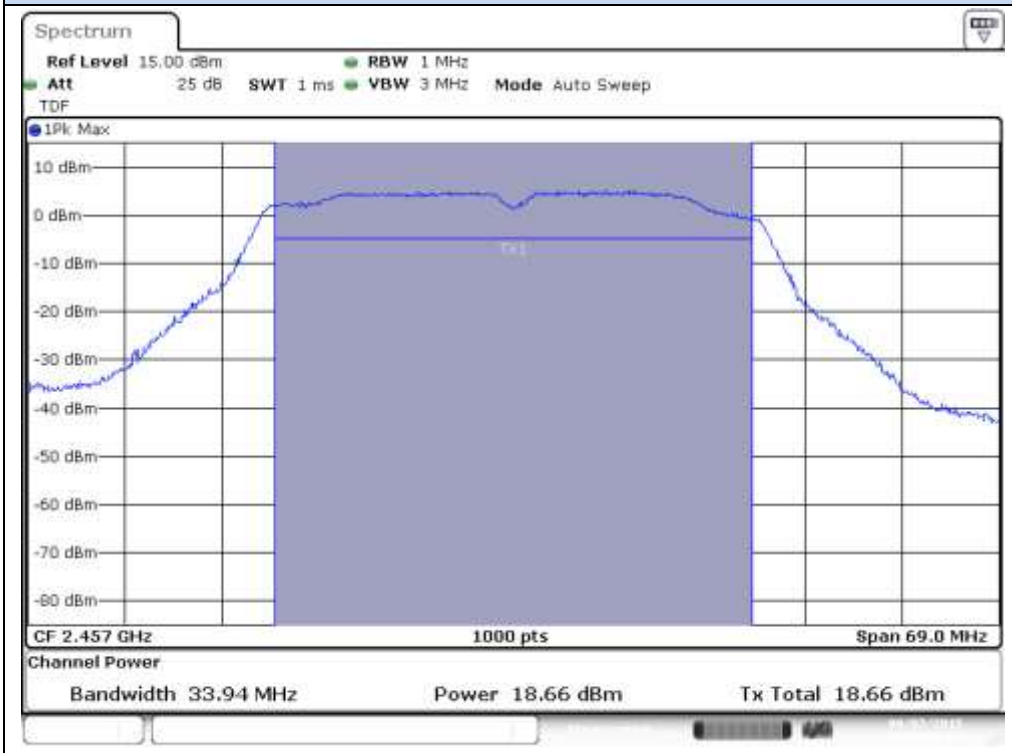
Max Power, Chain A – CH10F



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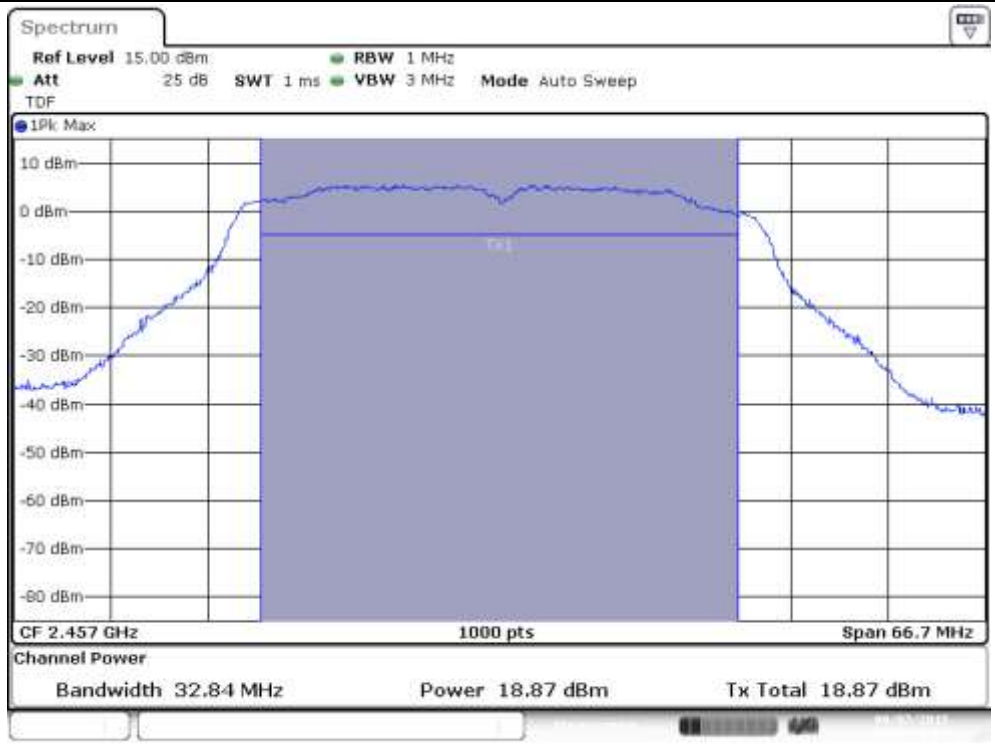
Max Power, Chain B – CH10F



Date: 7.SEP.2015 17:06:18

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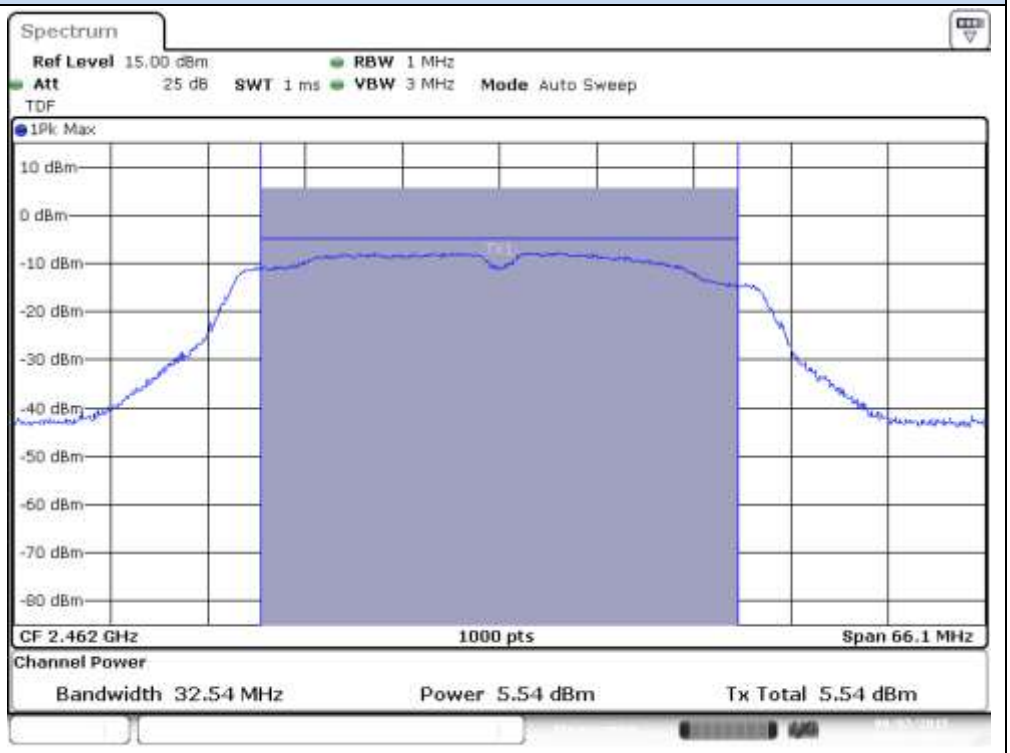
Max Power, Chain A – CH11F



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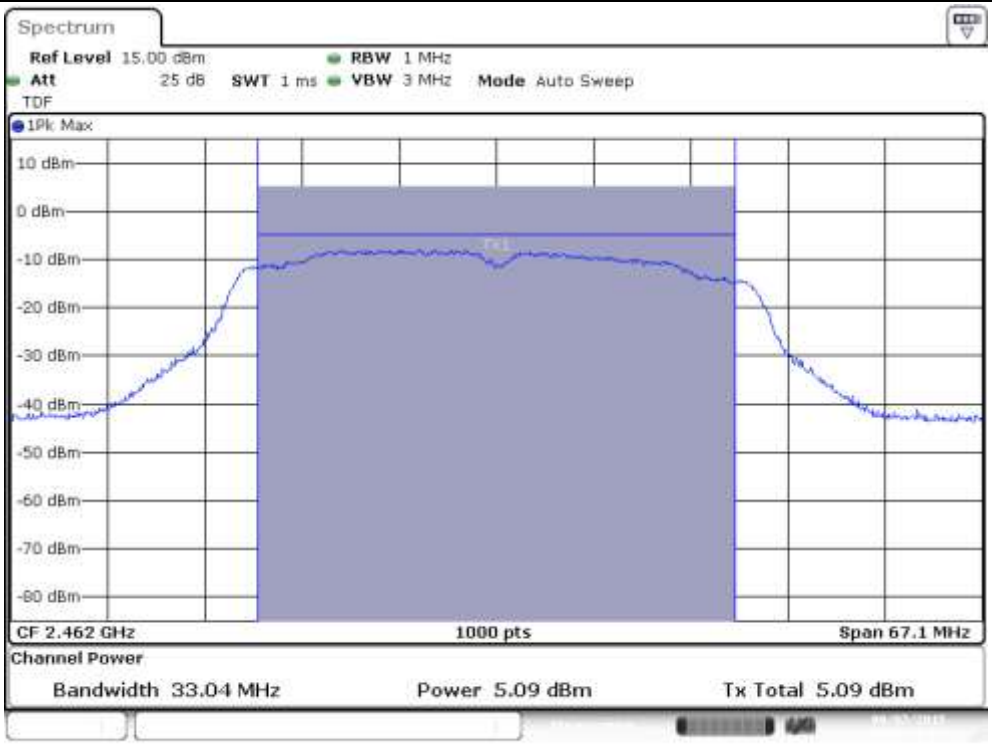
Max Power, Chain B – CH11F



Date: 7.SEP.2015 17:15:19

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B.3 Out-of-band emissions (conducted)

Test limits:

<table>
<tr><th>FCC part</th><th>RSS part</th><th>Limits</th></tr>
<tr><td>15.247 (d)</td><td>RSS-247
Clause 5.5</td><td>In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.</td></tr>
<tr><td>15.209</td><td>RSS-247
Clause 6.2.2 (2)</td><td>Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):
<table>
<tr><th>Freq Range (MHz)</th><th>Field Stregth (µV/m)</th><th>Field Stregth (dBµV/m)</th><th>Meas. Distance (m)</th></tr>
<tr><td>0.009-0.490</td><td>2400/f(kHz)</td><td>-</td><td>300</td></tr>
<tr><td>0.490-1.705</td><td>24000/f(kHz)</td><td>-</td><td>300</td></tr>
<tr><td>1.705-30.0</td><td>30</td><td>-</td><td>30</td></tr>
<tr><td>30-88</td><td>100</td><td>40</td><td>3</td></tr>
<tr><td>88-216</td><td>150</td><td>43.5</td><td>3</td></tr>
<tr><td>216-960</td><td>200</td><td>46</td><td>3</td></tr>
<tr><td>960-25000</td><td>500</td><td>54</td><td>3</td></tr>
</table>
The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.</td></tr>
</table>

Test procedure:

For Band Edge measurements falling in restricted bands, the following limits in dBm were applied for the average detector after the conversion from the limits detailed above in dBµV/m, according to FCC 47 CFR part 15 - Subpart C – §15.209(a). The limits in dBm for peak detector are 20dB above the indicated values in the table.

§15.209(a)			Converted values	
Freq Range (MHz)	Distance (m)	Field strength (microvolts/meter)	Field strength (dB microvolts/meter)	Power (dBm)
960-25000	3	500	54.0	-41.2

In case of Band Edge measurements falling in restricted bands, the declared Antenna Gain is also compensated in the graph. The declared maximum antenna gain is 3dBi.

The setup below was used to measure the out-of-band emissions. The antenna terminal of the EUT is connected to the spectrum through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

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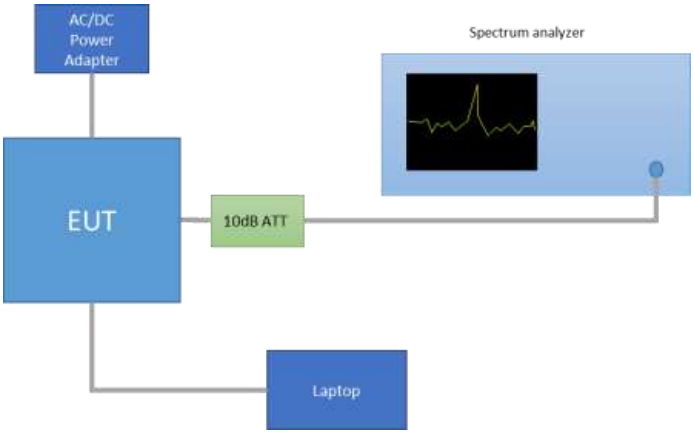

Note: these PSD_{Peak} values are shown just as a reference for the compliance of the Out-of-band Measurements. Thus the RBW used for these measurements was 100 kHz.

Mode	Rate	Measured Duty Cycle [%]	Channel	Frequency [MHz]	Antenna	PSD Peak [dBm]
802.11b	1Mbps	98.0	1	2412	SISO CHAIN A	12.34
					SISO CHAIN B	12.48
			6	2437	SISO CHAIN A	12.43
					SISO CHAIN B	12.54
			11	2462	SISO CHAIN A	11.22
					SISO CHAIN B	10.41
			12	2467	SISO CHAIN A	7.59
					SISO CHAIN B	6.11
			13	2472	SISO CHAIN A	1.07
					SISO CHAIN B	-1.40
802.11g	6Mbps	98.1	1	2412	SISO CHAIN A	7.01
					SISO CHAIN B	7.91
			6	2437	SISO CHAIN A	10.76
					SISO CHAIN B	10.83
			11	2462	SISO CHAIN A	7.79
					SISO CHAIN B	7.68
			12	2467	SISO CHAIN A	2.33
					SISO CHAIN B	2.94
			13	2472	SISO CHAIN A	-12.52
					SISO CHAIN B	-14.50

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Mode	Rate	Measured Duty Cycle [%]	Channel	Frequency [MHz]	Antenna	PSD Peak [dBm]
802.11n20	HT0	98.0	1	2412	SISO CHAIN A	6.87
					SISO CHAIN B	7.47
			6	2437	SISO CHAIN A	11.01
					SISO CHAIN B	10.86
			11	2462	SISO CHAIN A	7.48
					SISO CHAIN B	7.33
			12	2467	SISO CHAIN A	1.74
					SISO CHAIN B	2.26
			13	2472	SISO CHAIN A	-12.97
					SISO CHAIN B	-14.6
	HT8	95.5	1	2412	MIMO CHAIN A	6.30
					MIMO CHAIN B	7.00
			6	2437	MIMO CHAIN A	8.10
					MIMO CHAIN B	8.08
			11	2462	MIMO CHAIN A	7.45
					MIMO CHAIN B	7.52
			12	2467	MIMO CHAIN A	1.18
					MIMO CHAIN B	1.05
			13	2472	MIMO CHAIN A	-13.44
					MIMO CHAIN B	-14.53
802.11n40	HT0	96.4	3F	2422	SISO CHAIN A	2.65
					SISO CHAIN B	3.35
			6F	2437	SISO CHAIN A	8.39
					SISO CHAIN B	7.83
			9F	2452	SISO CHAIN A	4.45
					SISO CHAIN B	4.43
			10F	2457	SISO CHAIN A	-3.05
					SISO CHAIN B	-2.38
			11F	2462	SISO CHAIN A	-15.38
					SISO CHAIN B	-15.78
	HT8	91.9	3F	2422	MIMO CHAIN A	1.88
					MIMO CHAIN B	2.49
			6F	2437	MIMO CHAIN A	5.74
					MIMO CHAIN B	5.57
			9F	2452	MIMO CHAIN A	4.11
					MIMO CHAIN B	4.58
			10F	2457	MIMO CHAIN A	-2.92
					MIMO CHAIN B	-3.19
			11F	2462	MIMO CHAIN A	-15.83
					MIMO CHAIN B	-16.92

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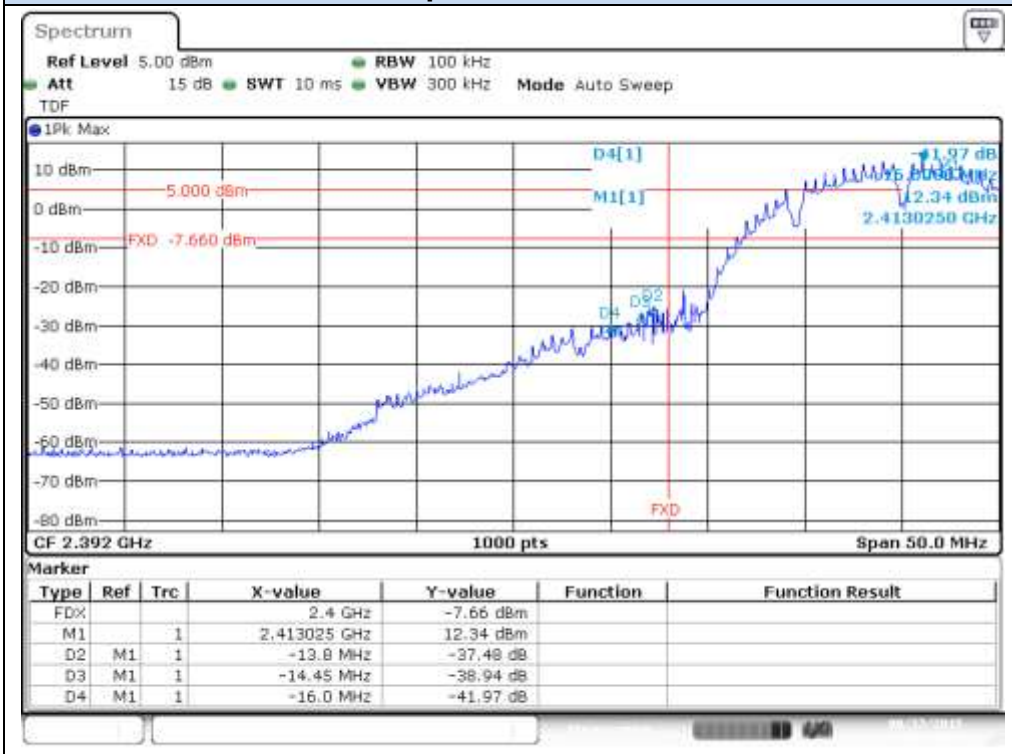
Band Edge results Screenshot:

802.11b, 1Mbps

BE Low Freq Section, Chain A - CH1



Date: 27.AUG.2015 12:20:14

BE High Freq Section (restricted), Chain A – CH11

Date: 24.AUG.2015 17:56:26

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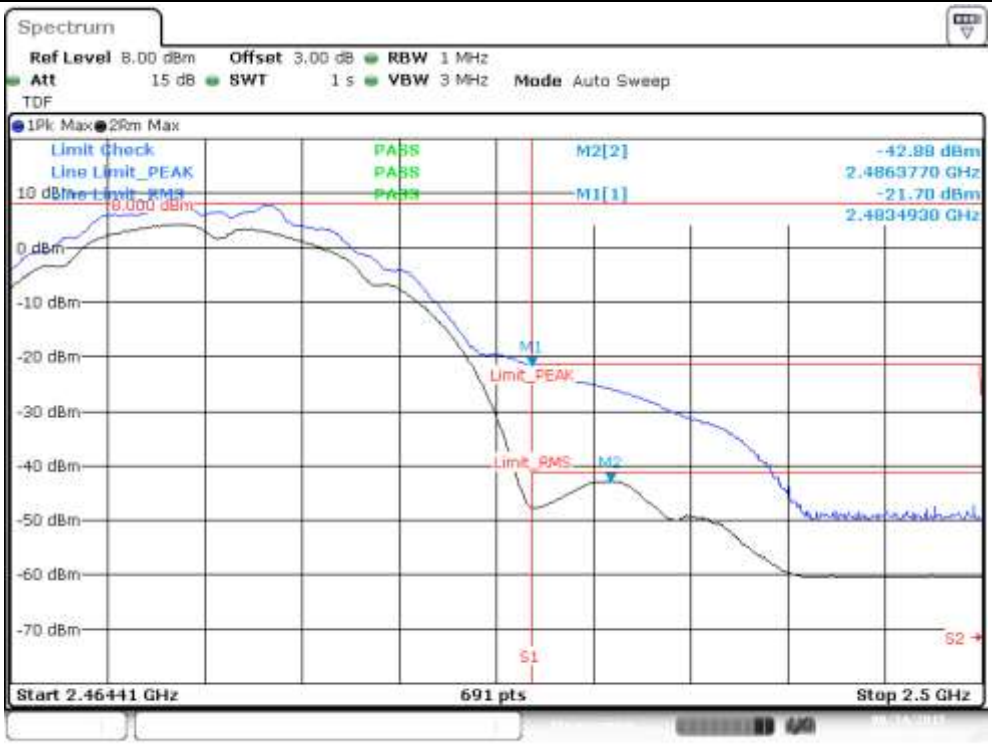
BE High Freq Section (restricted), Chain A – CH12

Date: 24.AUG.2015 18:01:32

BE High Freq Section (restricted), Chain A – CH13



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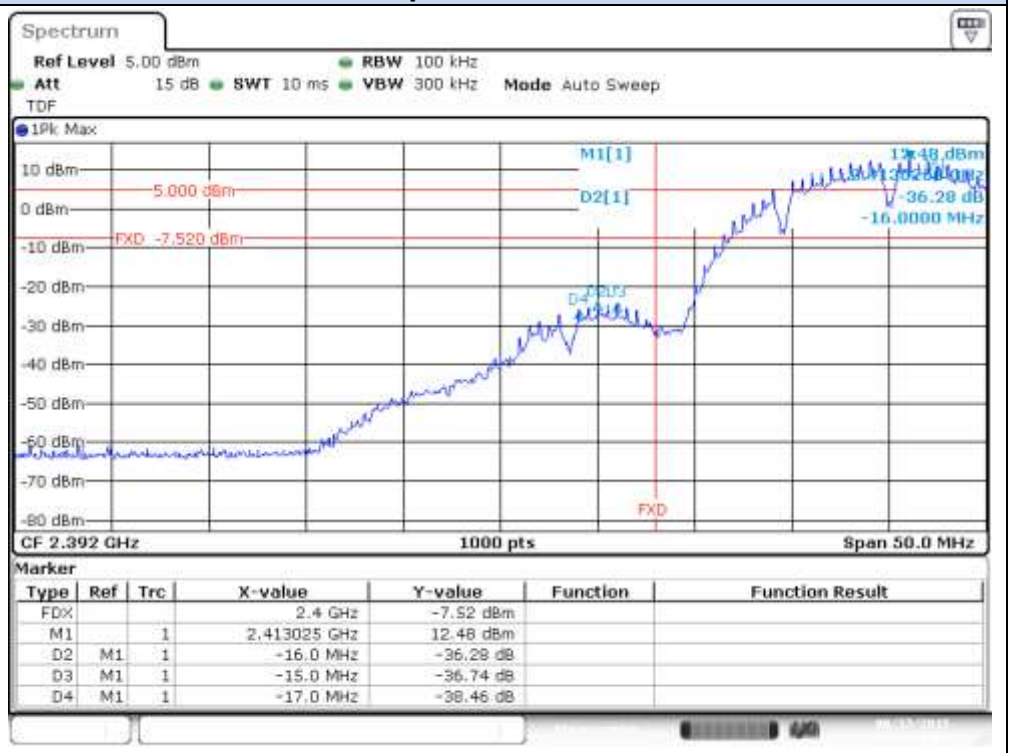
BE Low Freq Section, Chain B - CH1



Date: 27.AUG.2015 12:34:51

BE High Freq Section (restricted), Chain B - CH11

Date: 25.AUG.2015 14:09:59

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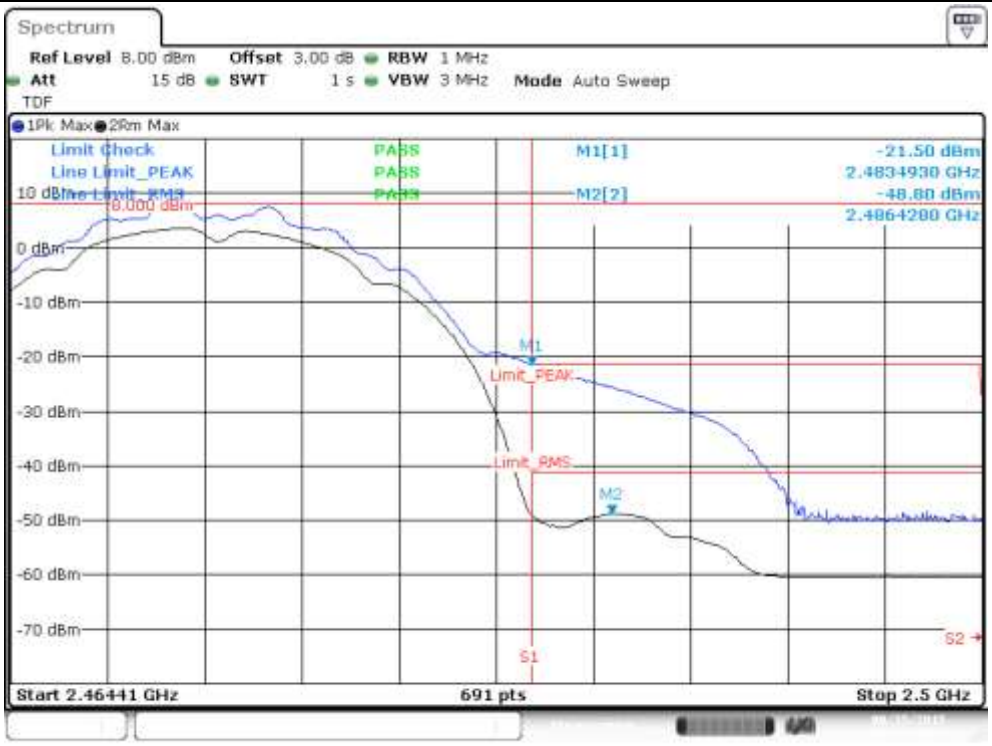
BE High Freq Section (restricted), Chain B – CH12

Date: 25.AUG.2015 14:11:51

BE High Freq Section (restricted), Chain B – CH13



Date: 25.AUG.2015 14:13:03

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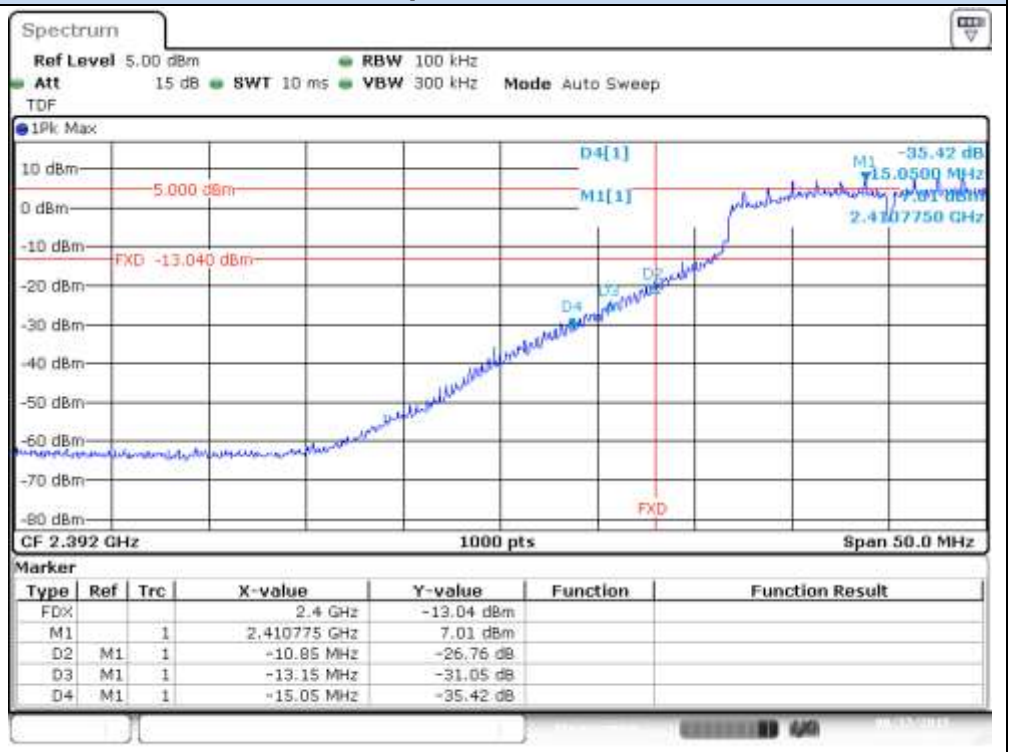
802.11g, 6Mbps

BE Low Freq Section, Chain A - CH1



Date: 27.AUG.2015 12:24:23

BE High Freq Section (restricted), Chain A – CH11

Date: 25.AUG.2015 10:14:49

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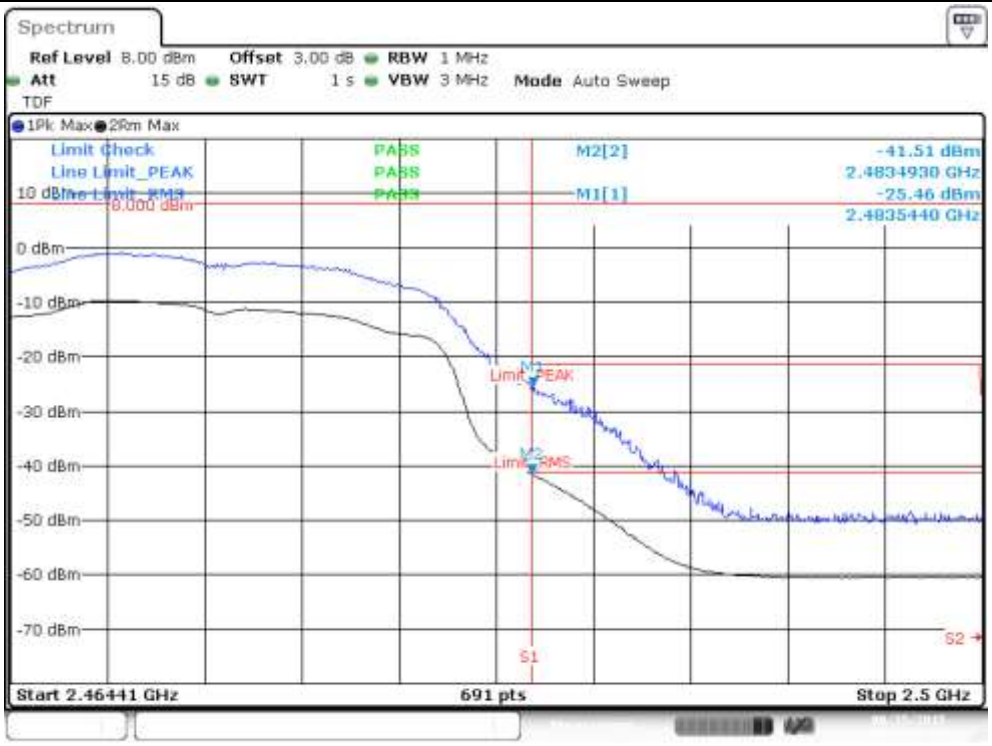
BE High Freq Section (restricted), Chain A – CH12

Date: 25.AUG.2015 11:20:21

BE High Freq Section (restricted), Chain A – CH13



Date: 25.AUG.2015 11:21:35

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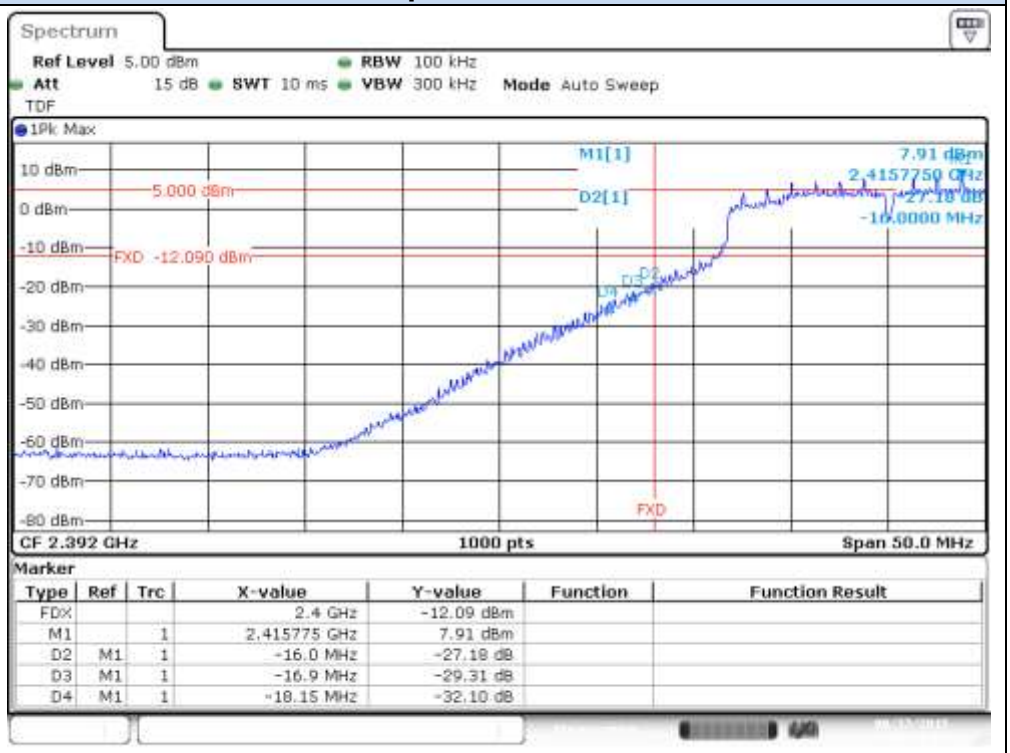
BE Low Freq Section, Chain B - CH1



Date: 27.AUG.2015 12:36:59

BE High Freq Section (restricted), Chain B - CH11

Date: 25.AUG.2015 14:24:19

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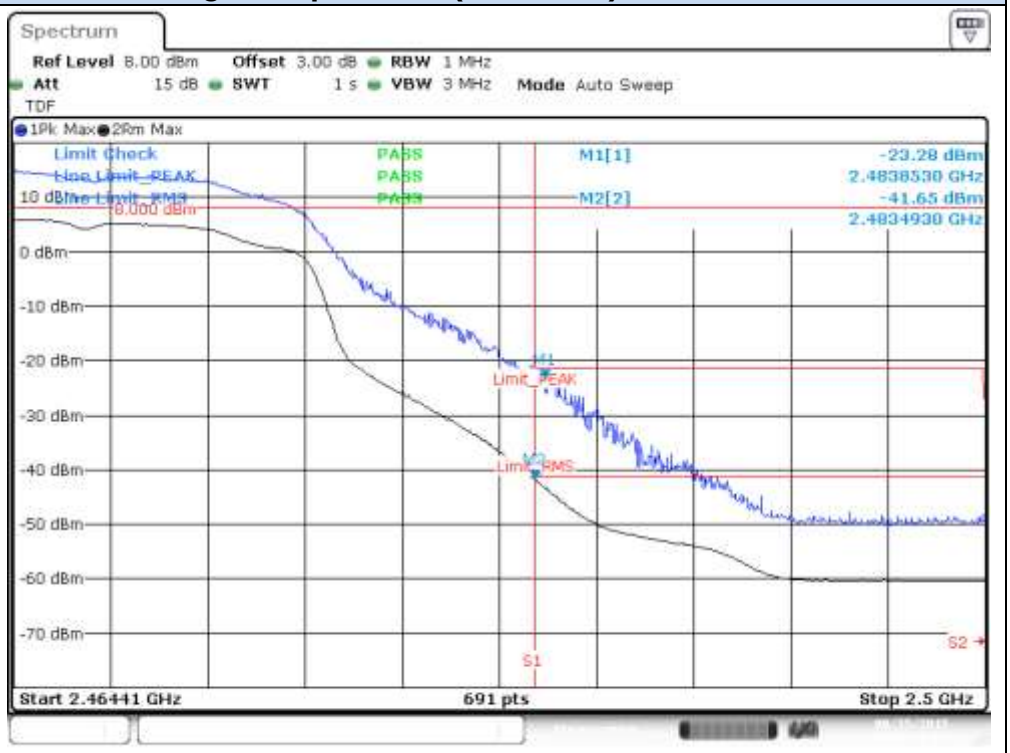
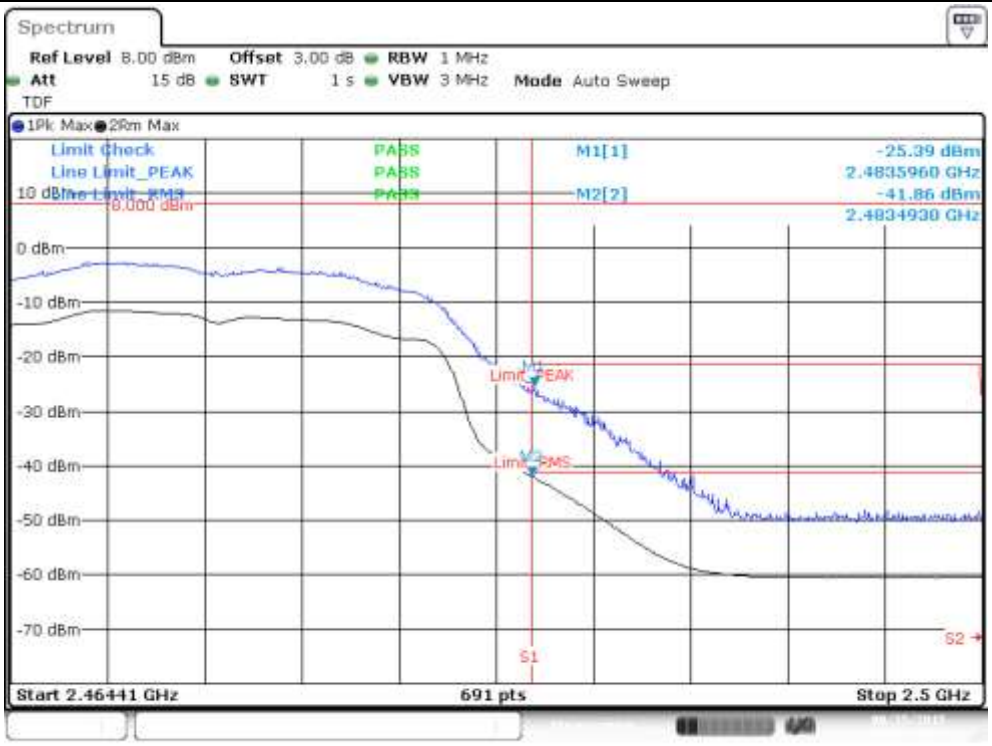
BE High Freq Section (restricted), Chain B – CH12



Date: 25.AUG.2015 14:29:41

BE High Freq Section (restricted), Chain B – CH13



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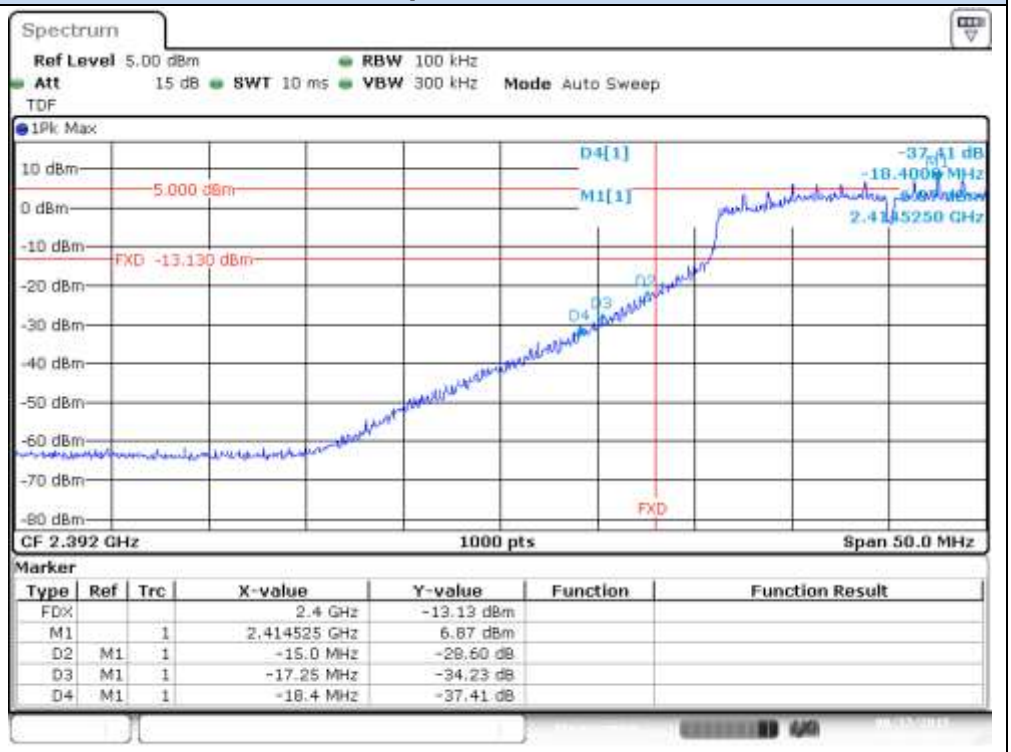
802.11n20, HT0 (SISO)

BE Low Freq Section, Chain A - CH1



Date: 27.AUG.2015 12:27:24

BE High Freq Section (restricted), Chain A - CH11

Date: 25.AUG.2015 11:32:02

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BE High Freq Section (restricted), Chain A – CH12

Date: 25.AUG.2015 11:34:56

BE High Freq Section (restricted), Chain A – CH13

Date: 25.AUG.2015 11:36:19

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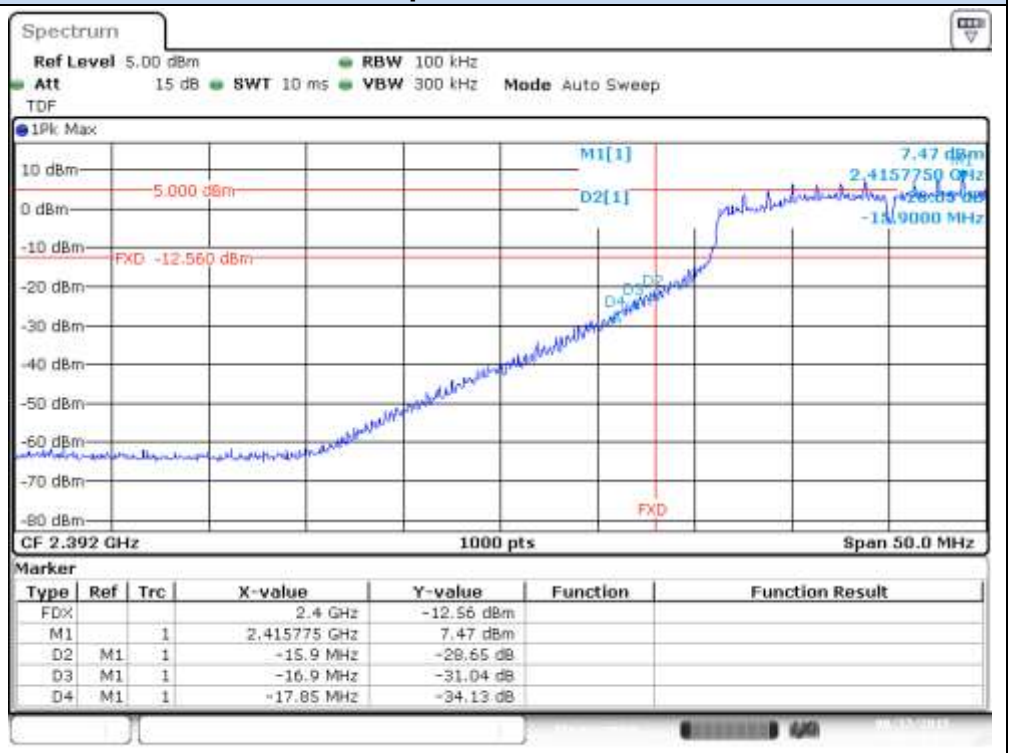
BE Low Freq Section, Chain B - CH1



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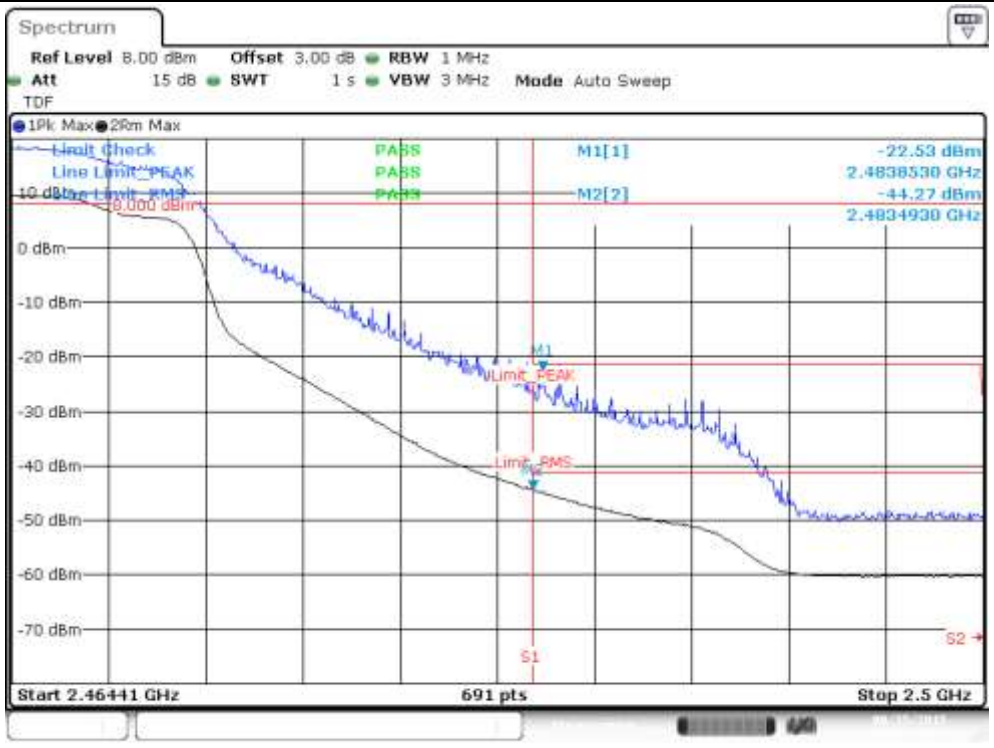
BE High Freq Section (restricted), Chain B - CH11



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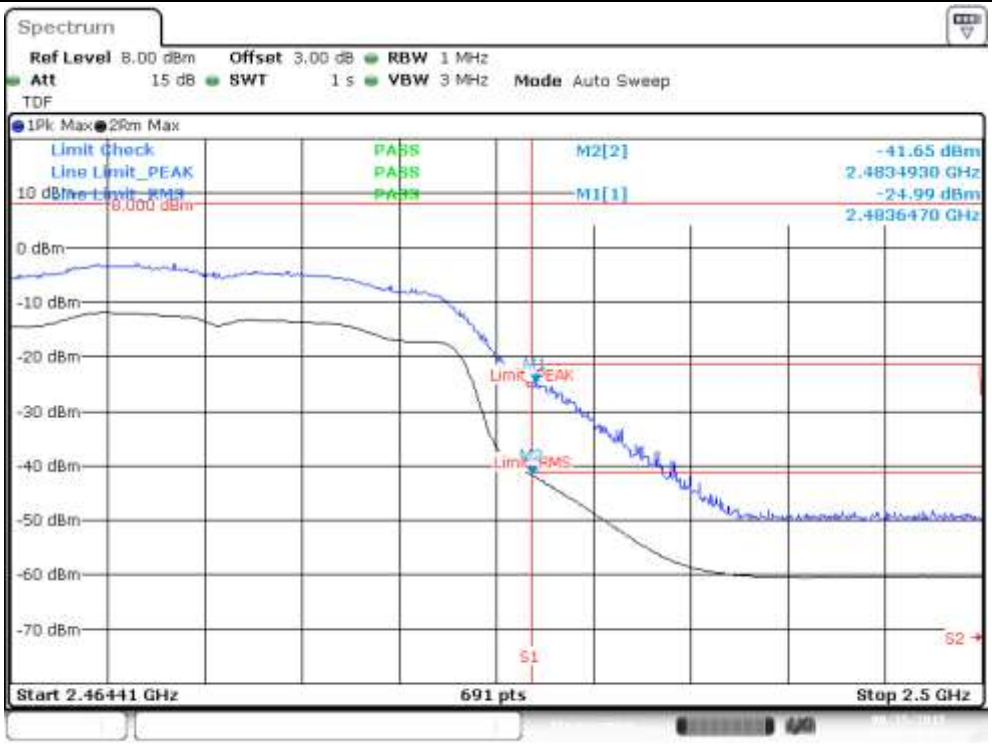
BE High Freq Section (restricted), Chain B – CH12

Date: 25.AUG.2015 14:41:51

BE High Freq Section (restricted), Chain B – CH13



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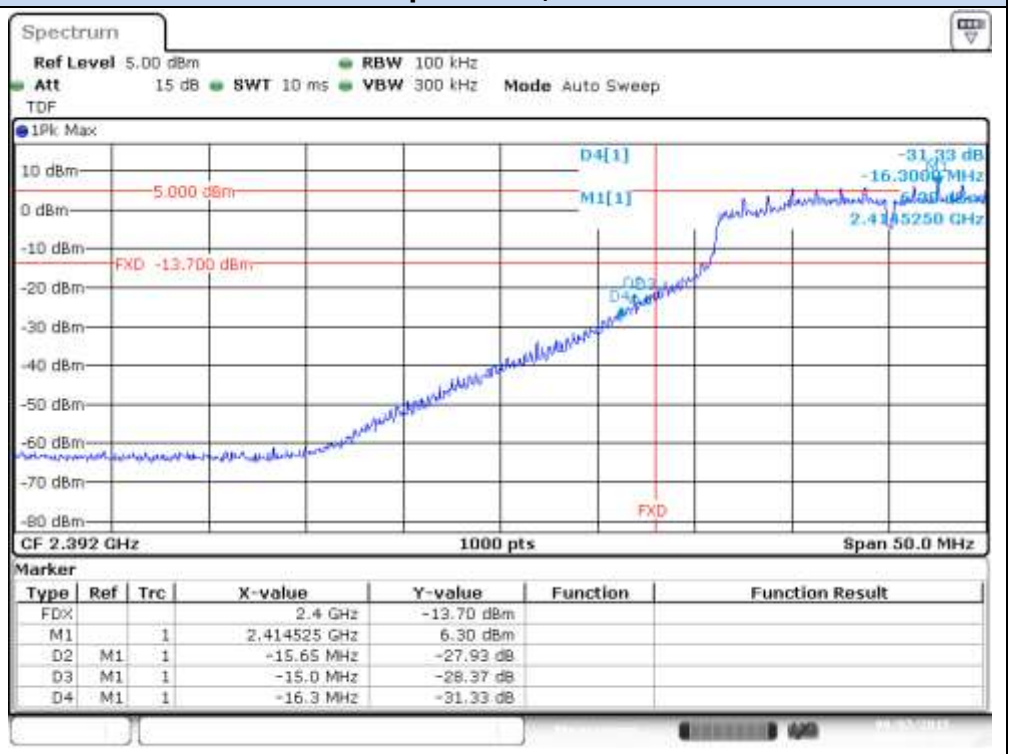
802.11n20, HT8 (MIMO)

BE Low Freq Section, Chain A - CH1



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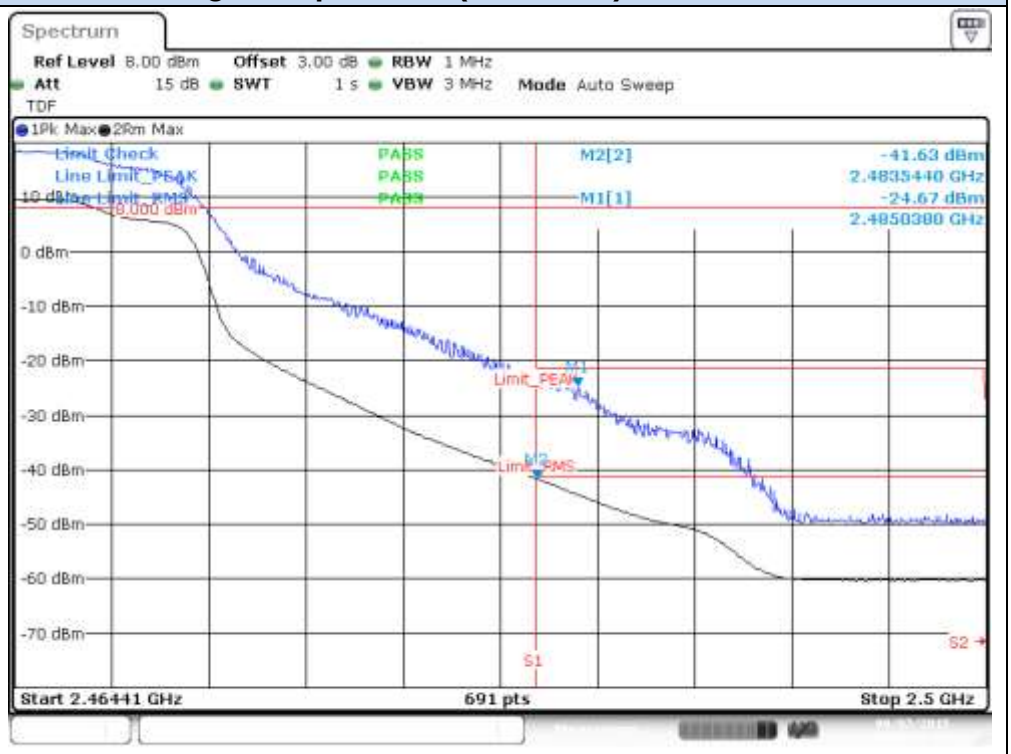
BE High Freq Section (restricted), Chain A - CH11



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BE High Freq Section (restricted), Chain A – CH12

Date: 7.SEP.2015 11:34:58

BE High Freq Section (restricted), Chain A – CH13

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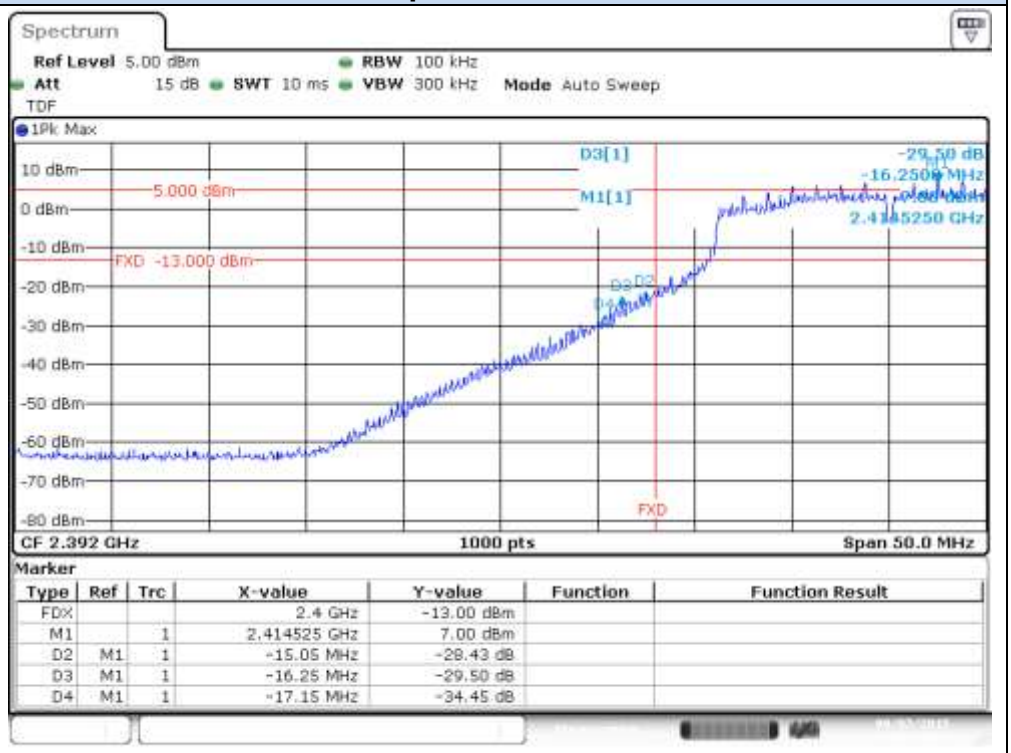
BE Low Freq Section, Chain B - CH1



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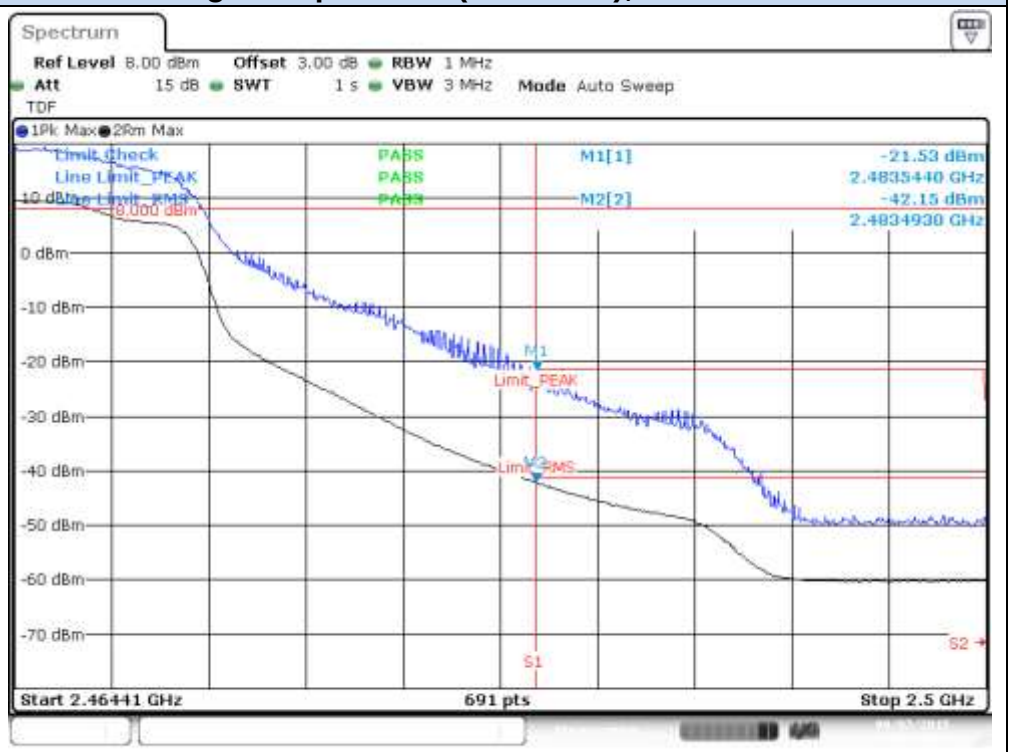
BE High Freq Section (restricted), Chain B - CH11



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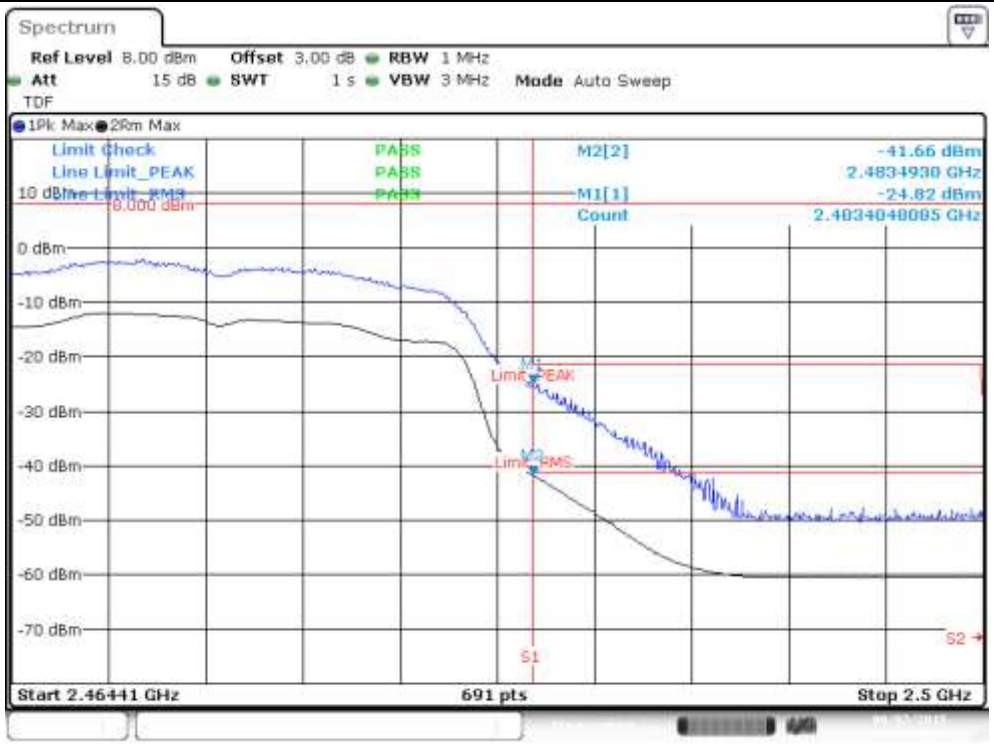
BE High Freq Section (restricted), Chain B – CH12

Date: 7.SEP.2015 12:14:05

BE High Freq Section (restricted), Chain B – CH13



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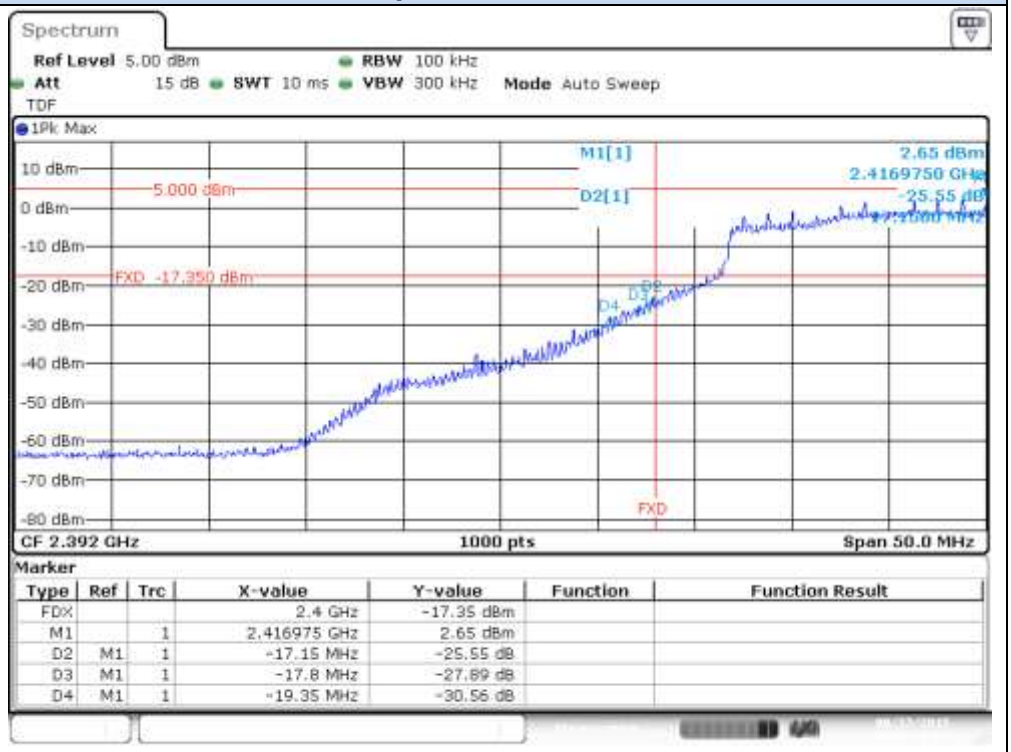
802.11n40, HT0 (SISO)

BE Low Freq Section, Chain A – CH3F



Date: 27.AUG.2015 14:23:20

BE High Freq Section (restricted), Chain A - CH9F

Date: 25.AUG.2015 11:45:42

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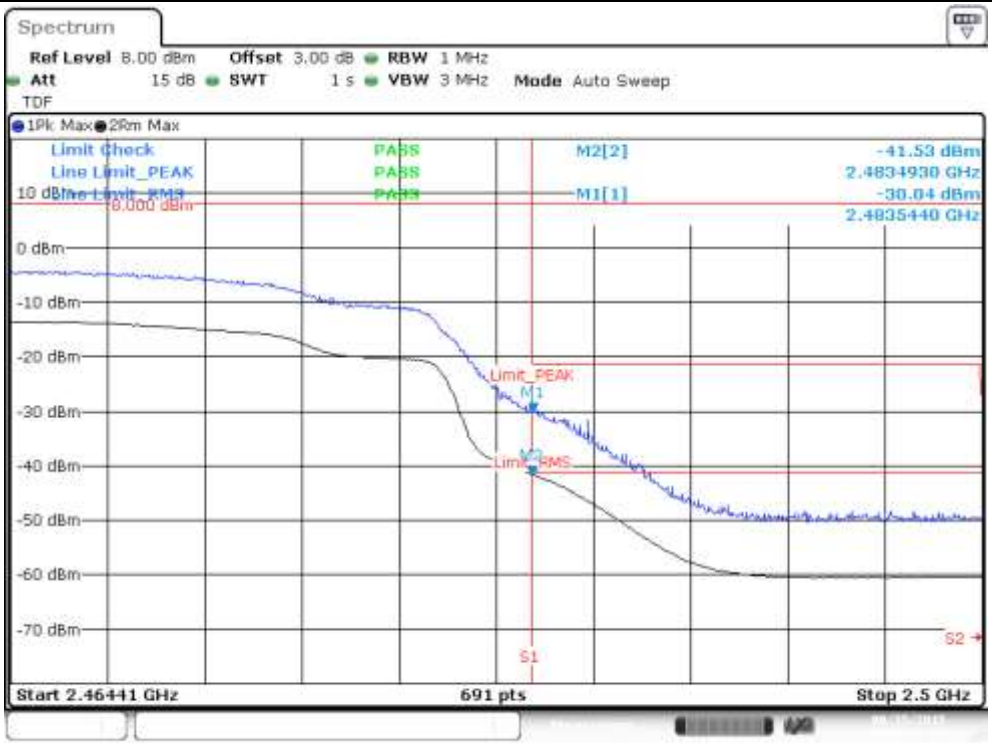
BE High Freq Section (restricted), Chain A – CH10F

Date: 25.AUG.2015 11:49:41

BE High Freq Section (restricted), Chain A – CH11F



Date: 25.AUG.2015 11:50:59

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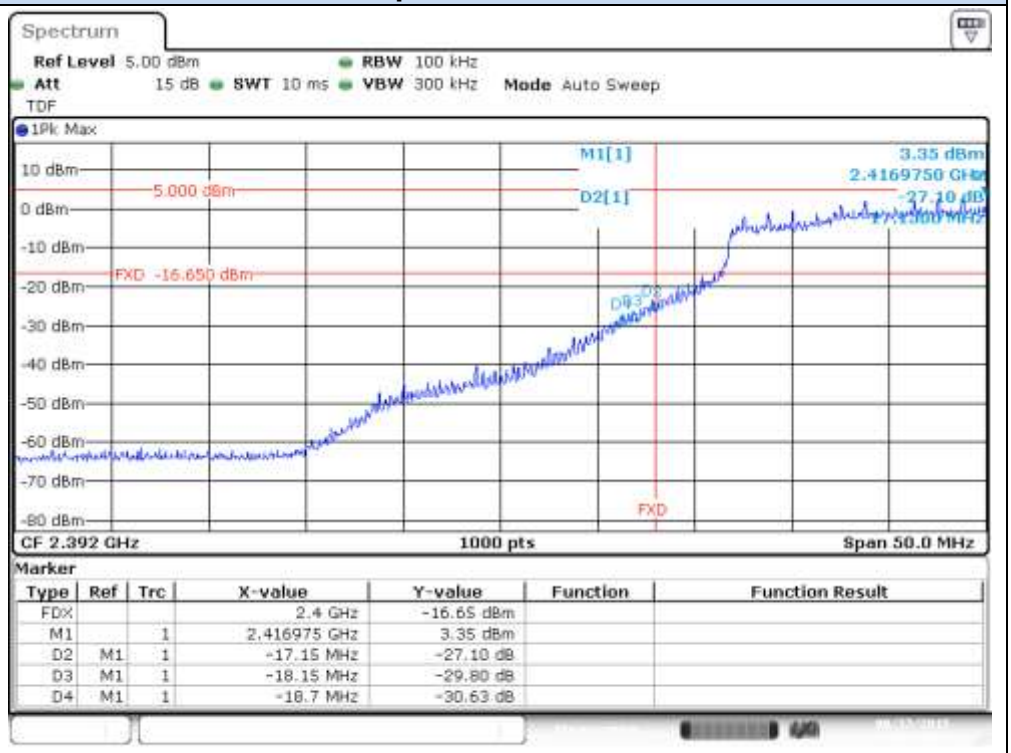
BE Low Freq Section, Chain B – CH3F



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BE High Freq Section (restricted), Chain B - CH9F

Date: 25.AUG.2015 14:53:24

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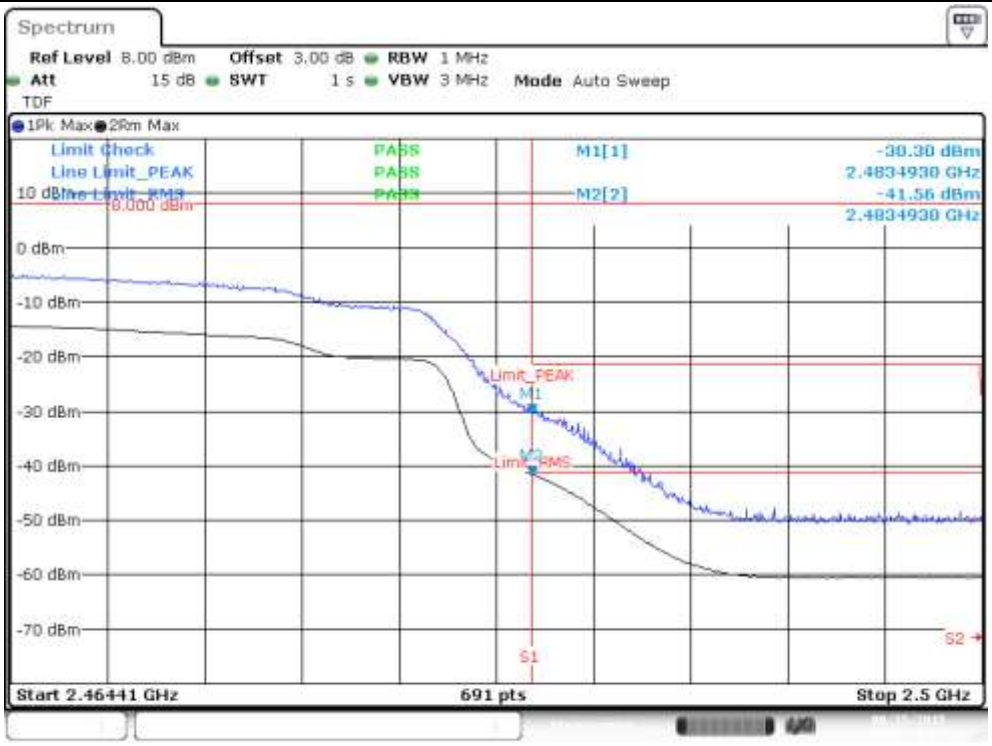
BE High Freq Section (restricted), Chain B – CH10F

Date: 25.AUG.2015 14:54:34

BE High Freq Section (restricted), Chain B – CH11F



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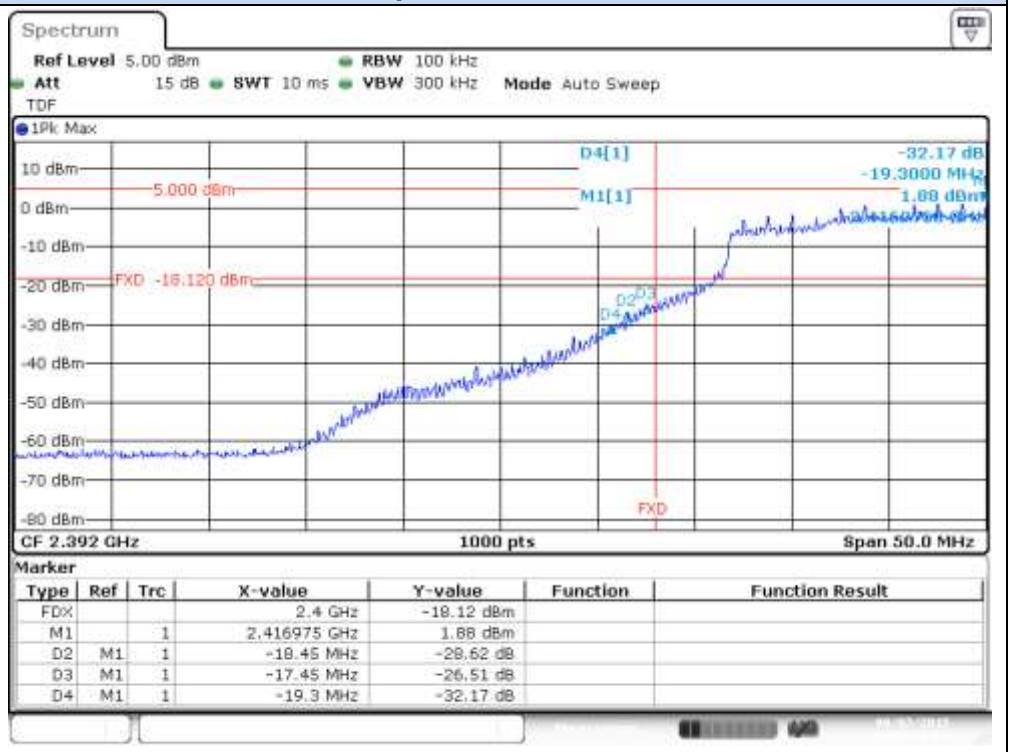
802.11n40, HT8 (MIMO)

BE Low Freq Section, Chain A – CH3F



Date: 7.SEP.2015 11:43:22

BE High Freq Section (restricted), Chain A - CH9F

Date: 7.SEP.2015 11:50:06

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BE High Freq Section (restricted), Chain A – CH10F

Date: 7.SEP.2015 11:53:02

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Date: 7.SEP.2015 12:00:40

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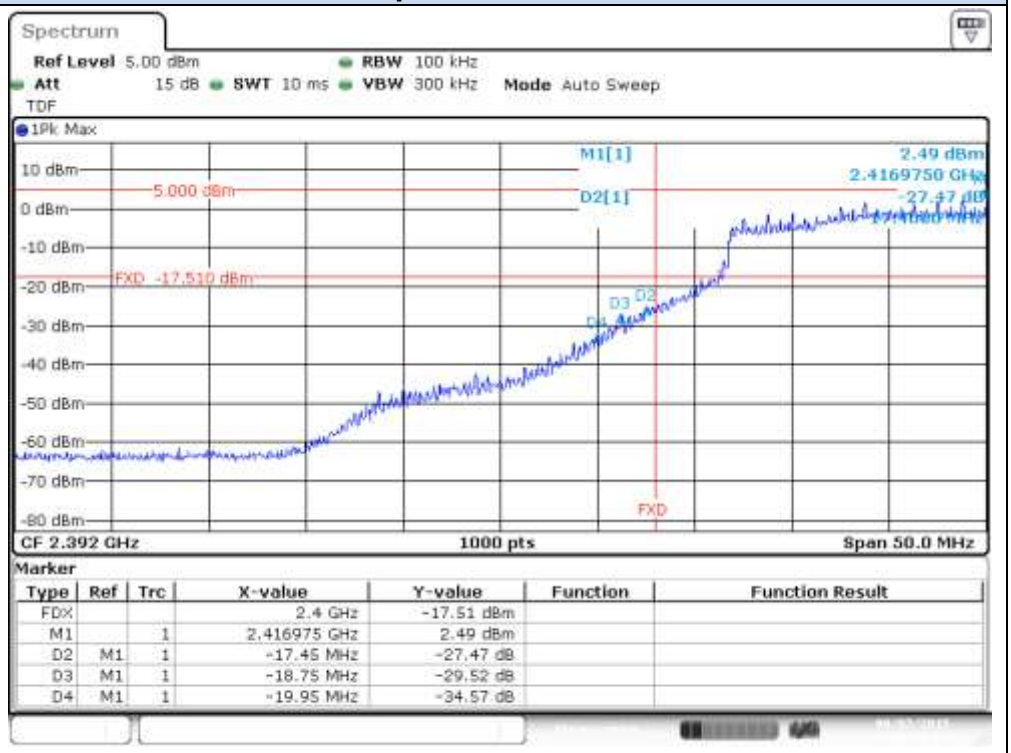
BE Low Freq Section, Chain B – CH3F



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BE High Freq Section (restricted), Chain B – CH9F

Date: 7.SEP.2015 12:25:36

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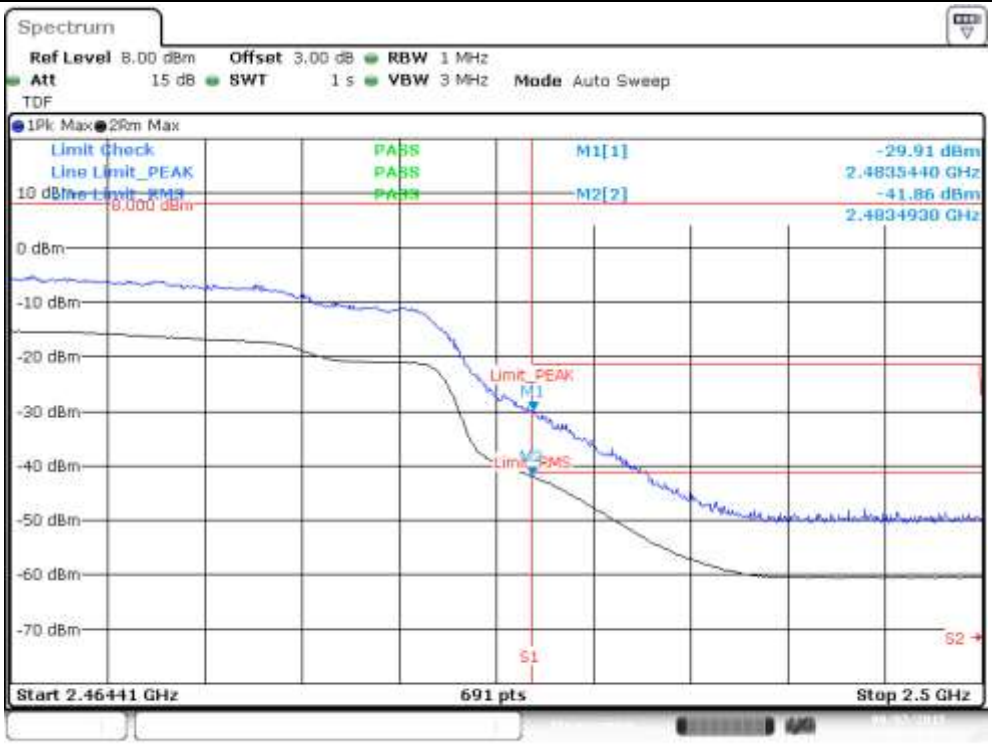
BE High Freq Section (restricted), Chain B – CH10F

Date: 7.SEP.2015 12:28:36

BE High Freq Section (restricted), Chain B – CH11F



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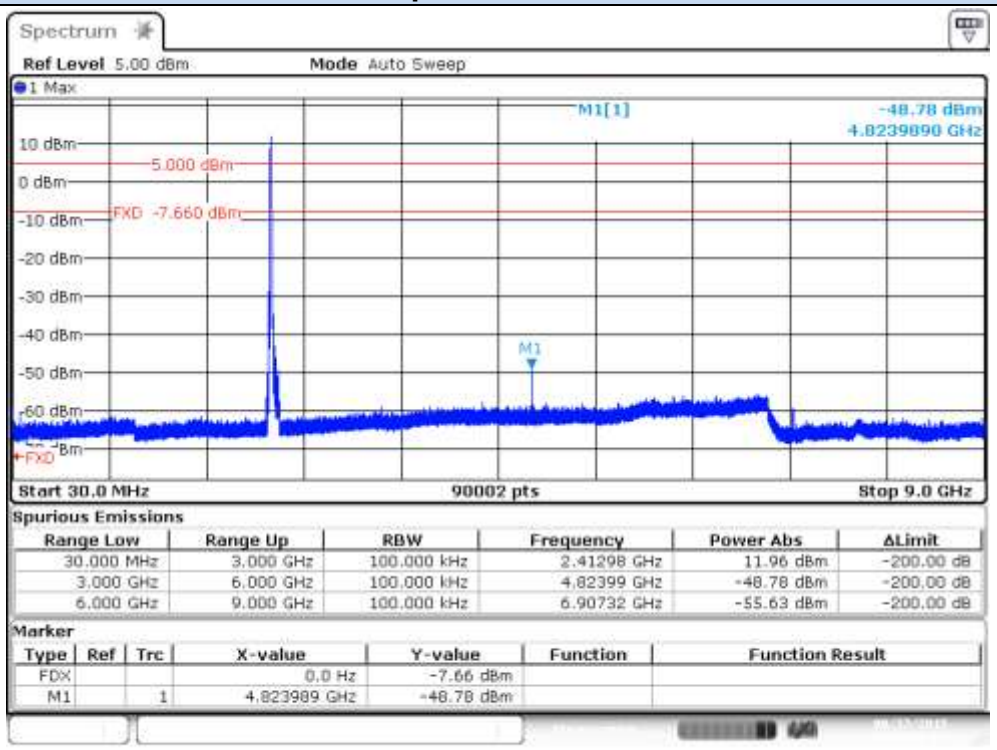
Conducted Spurious results Screenshot:

802.11b, 1Mbps – Chain A, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

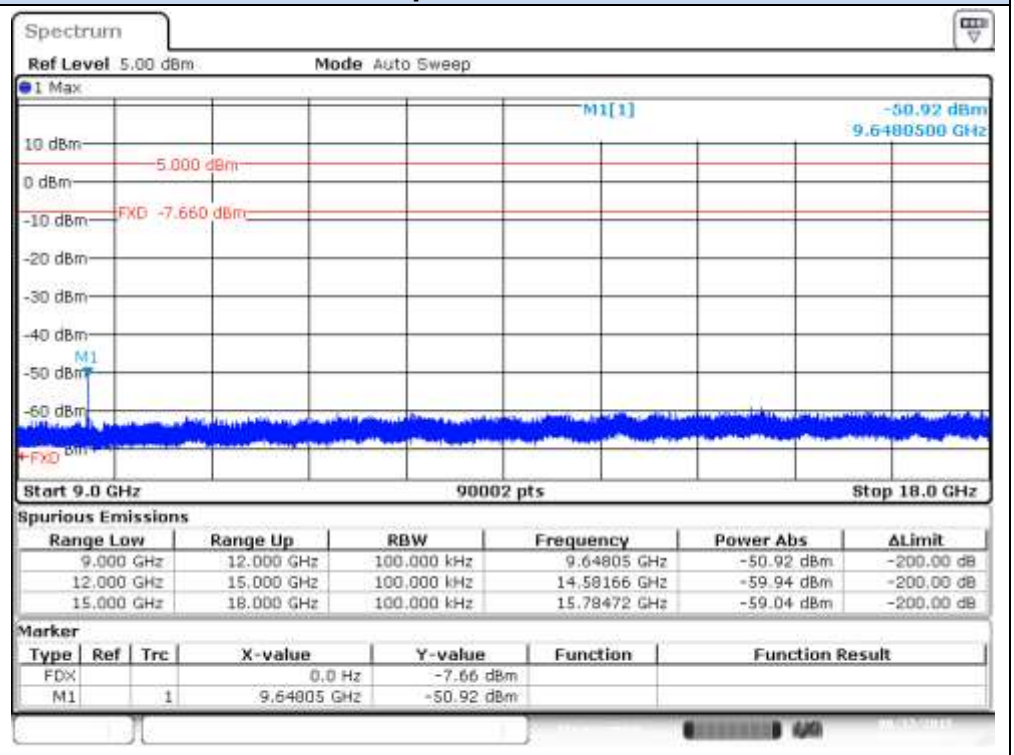
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41298 GHz	11.96 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.82399 GHz	-48.78 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.90732 GHz	-55.63 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.66 dBm		
M1		1	4.823989 GHz	-48.78 dBm		

Date: 27.AUG.2015 16:00:00

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.64805 GHz	-50.92 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.58166 GHz	-59.94 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	15.78472 GHz	-59.04 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.66 dBm		
M1		1	9.64805 GHz	-50.92 dBm		

Date: 27.AUG.2015 16:02:06

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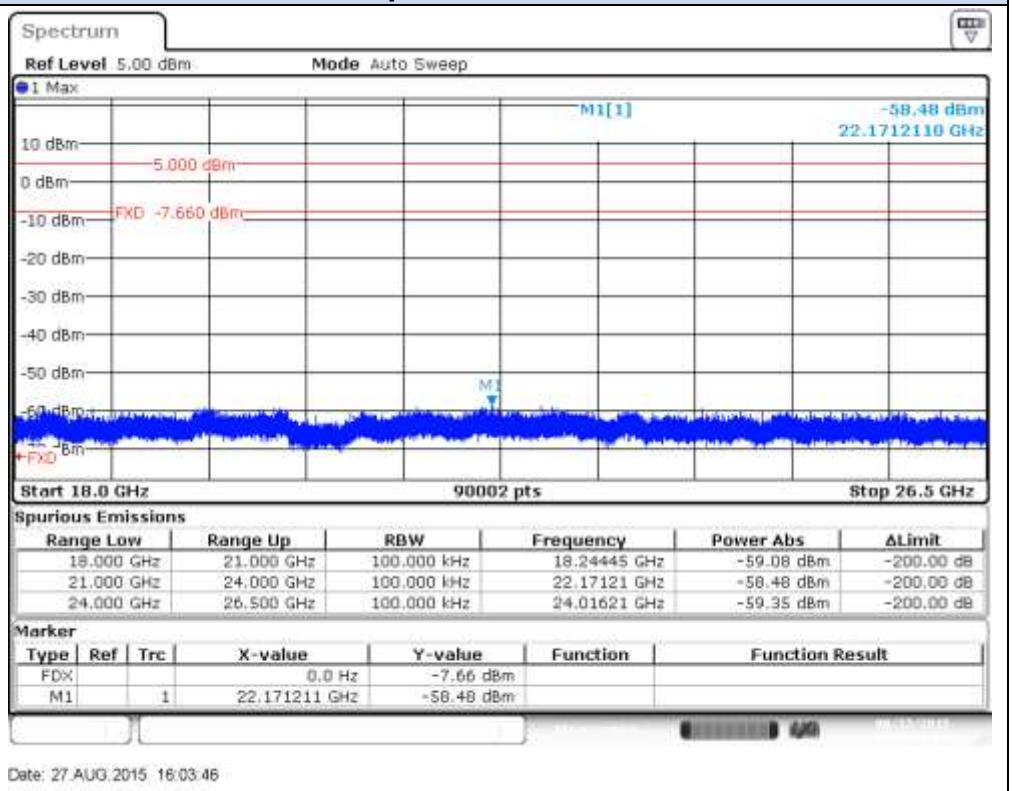
Cond Spur, 18GHz – 26.5GHz



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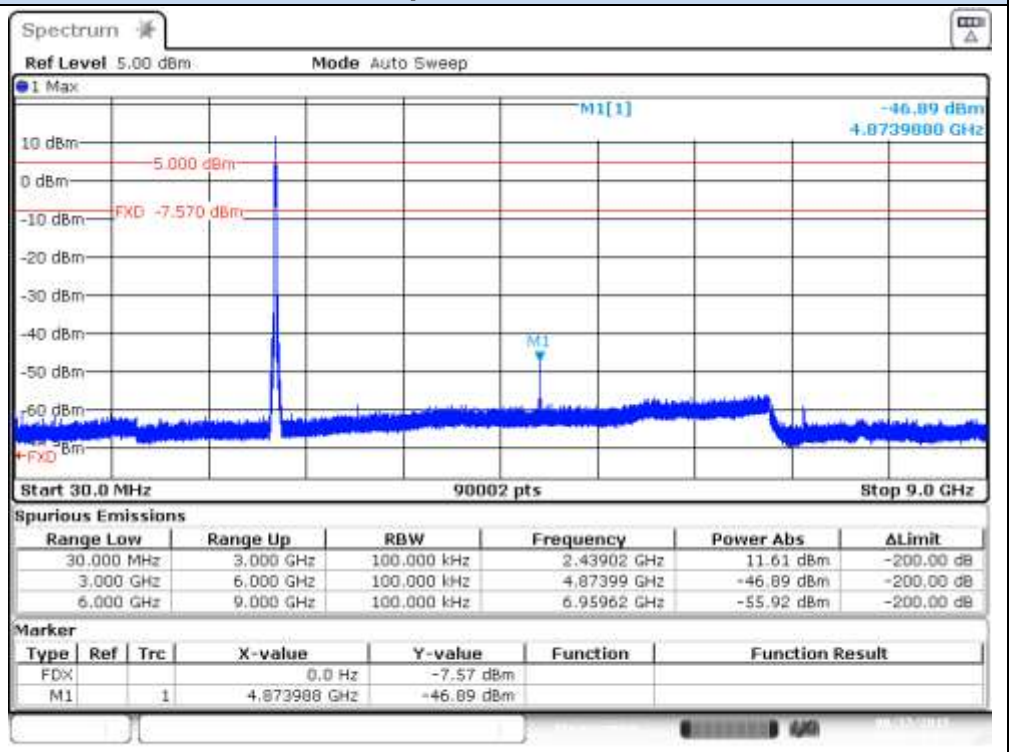
802.11b, 1Mbps – Chain A, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

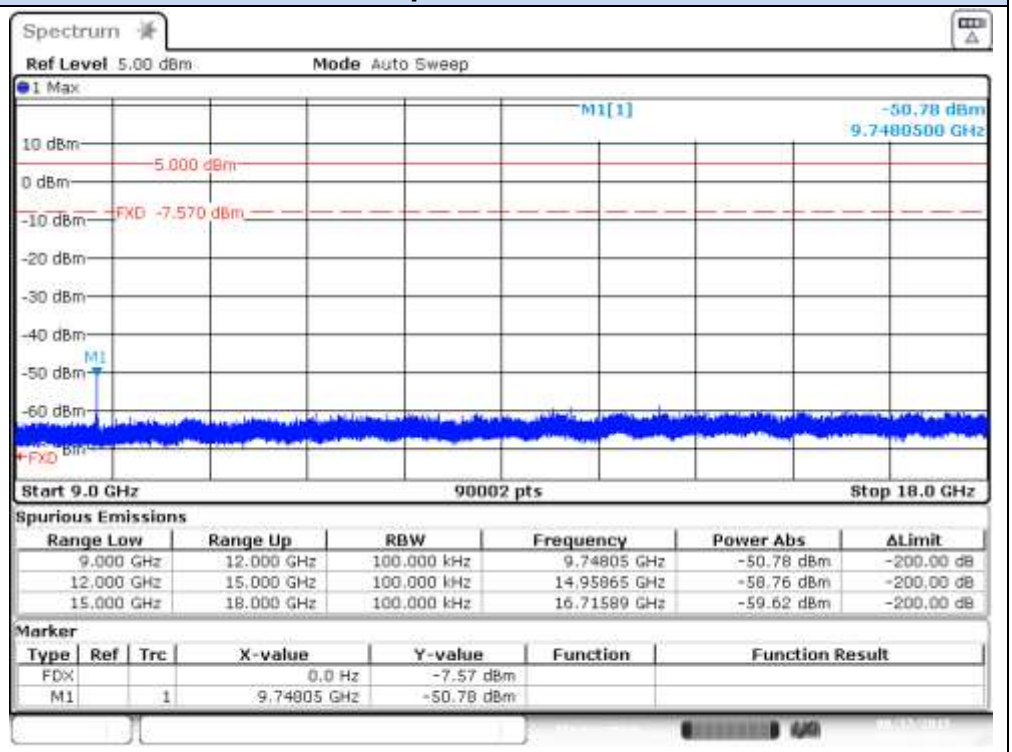
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43902 GHz	11.61 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.87399 GHz	-46.89 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.95962 GHz	-55.92 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.57 dBm		
M1		1	4.873988 GHz	-46.89 dBm		

Date: 27.AUG.2015 16:06:20

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.74805 GHz	-50.78 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.95865 GHz	-58.76 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.71589 GHz	-59.62 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.57 dBm		
M1		1	9.74805 GHz	-50.78 dBm		

Date: 27.AUG.2015 16:09:55

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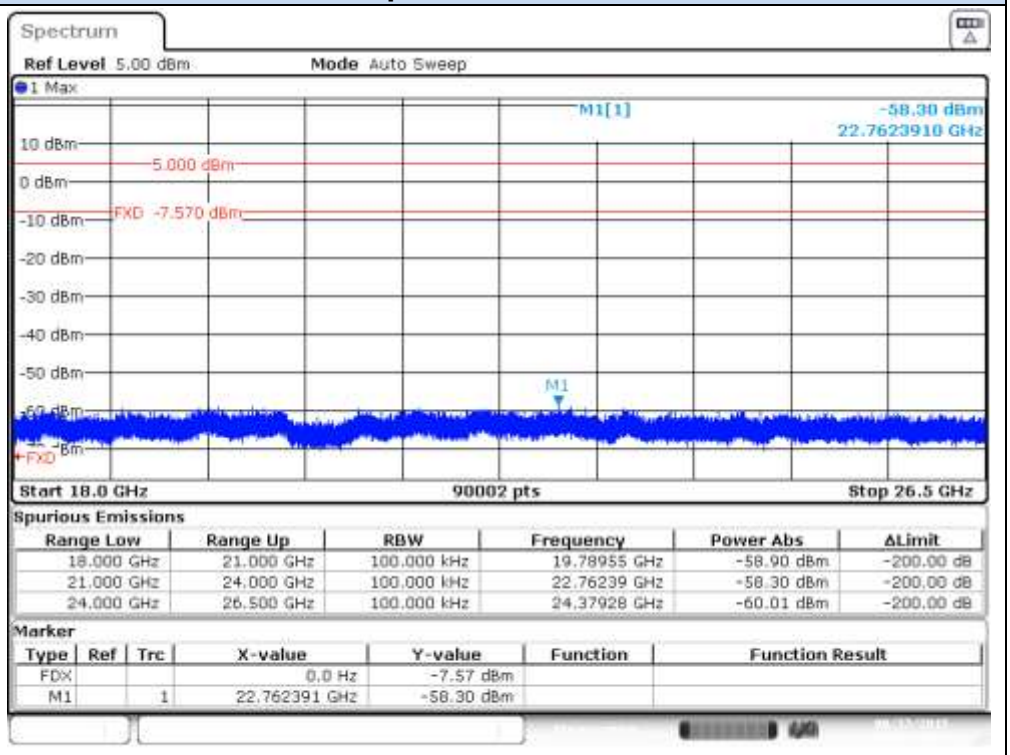
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.78955 GHz	-58.90 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.76239 GHz	-58.30 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.37928 GHz	-60.01 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.57 dBm		
M1		1	22.762391 GHz	-58.30 dBm		

Date: 27.AUG.2015 16:08:41

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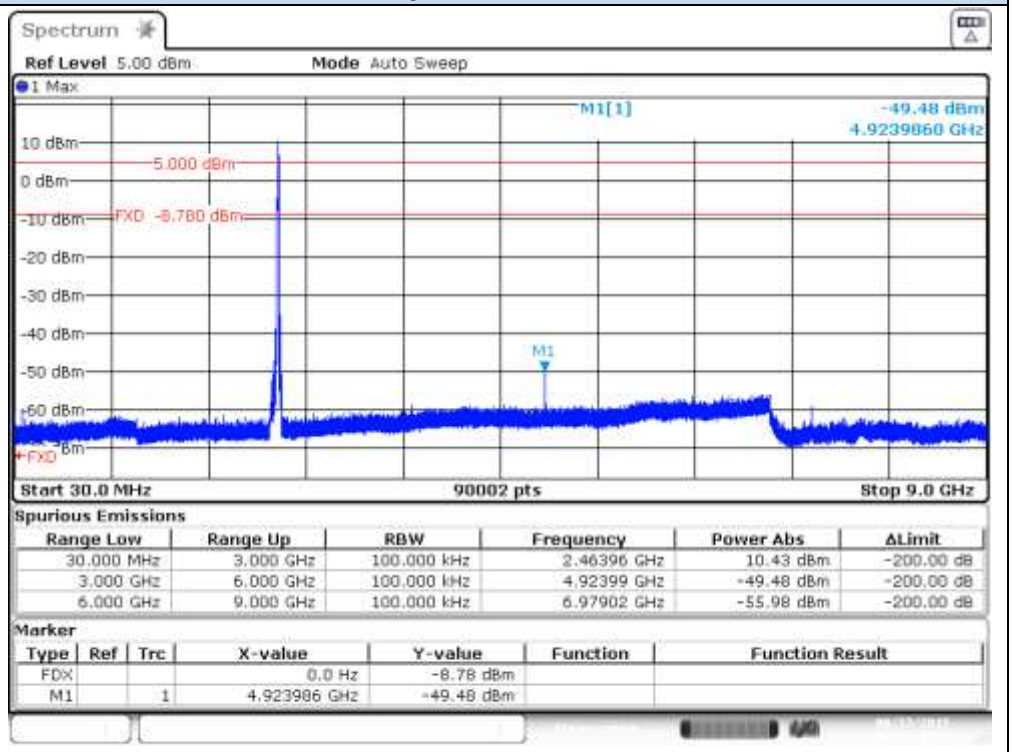
802.11b, 1Mbps – Chain A, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

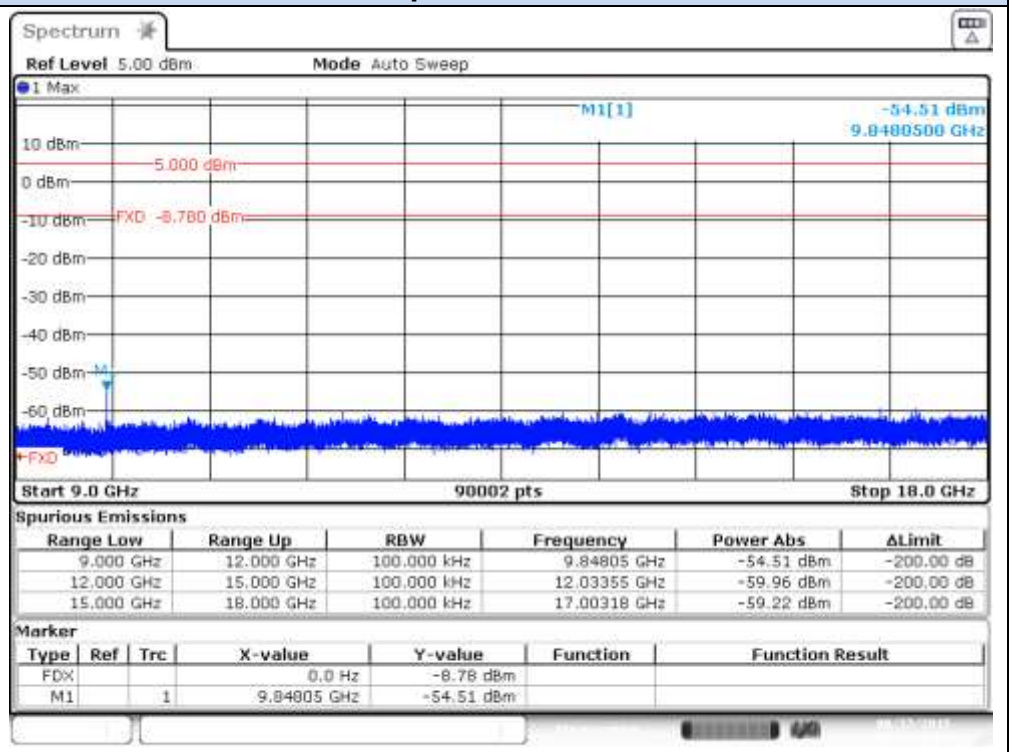
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.46396 GHz	10.43 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.92399 GHz	-49.48 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.97902 GHz	-55.98 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.78 dBm		
M1		1	4.923986 GHz	-49.48 dBm		

Date: 27.AUG.2015 16:12:19

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.84805 GHz	-54.51 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	12.03355 GHz	-59.96 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.00318 GHz	-59.22 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.78 dBm		
M1		1	9.84805 GHz	-54.51 dBm		

Date: 27.AUG.2015 16:13:27

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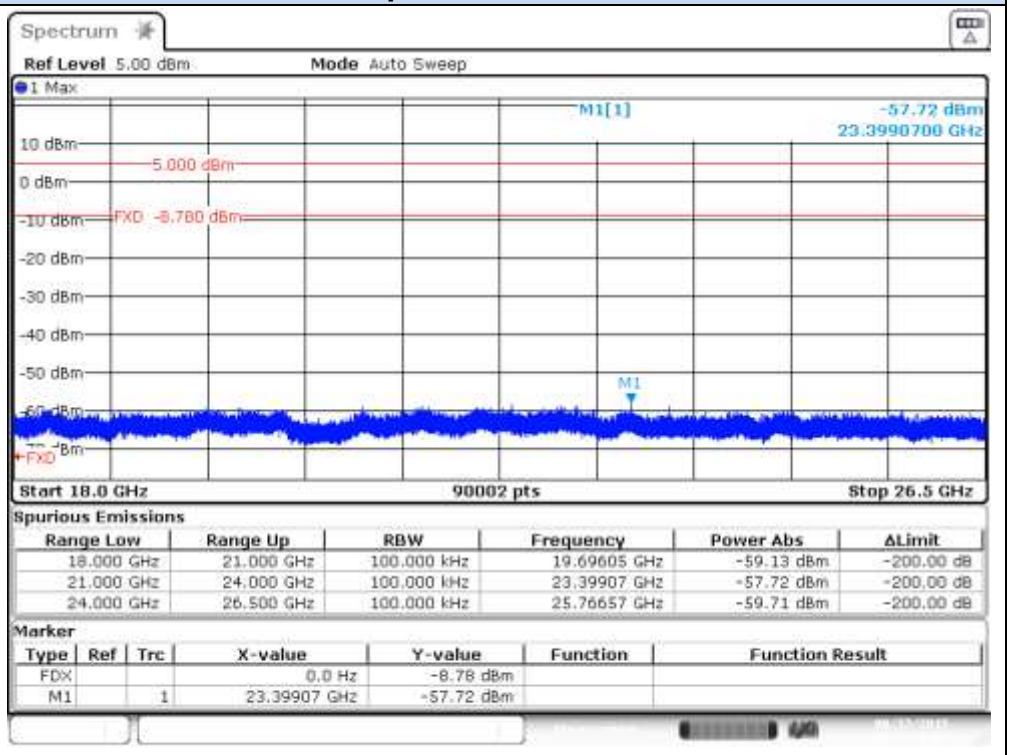
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.69605 GHz	-59.13 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	23.39907 GHz	-57.72 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	25.76657 GHz	-59.71 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.78 dBm		
M1		1	23.39907 GHz	-57.72 dBm		

Date: 27.AUG.2015 16:14:21

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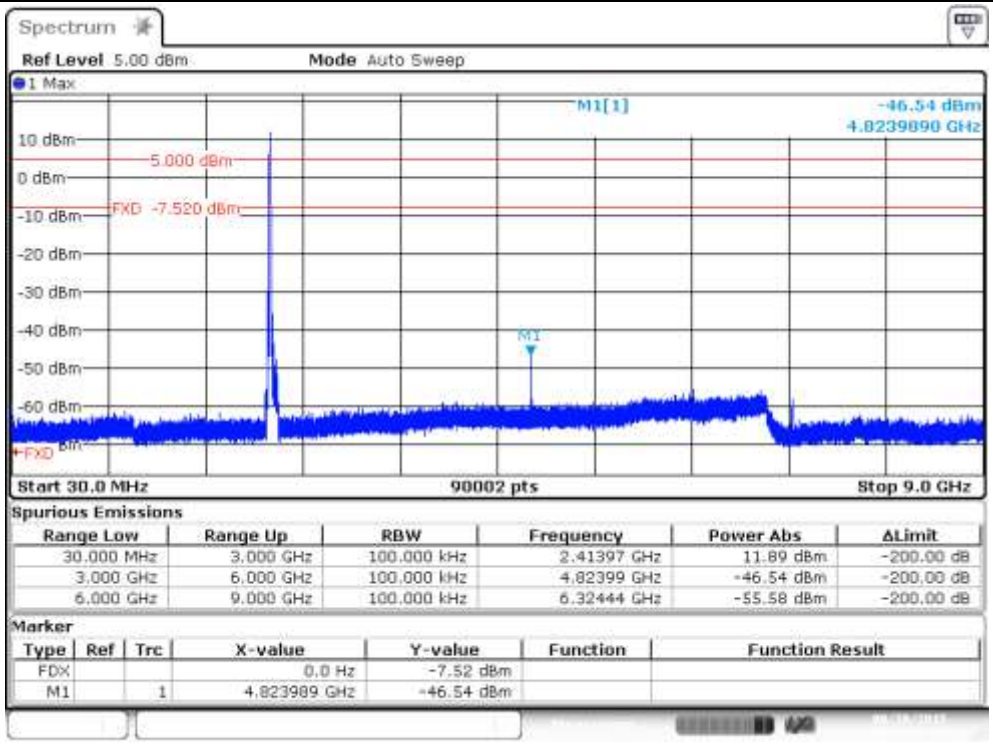
802.11b, 1Mbps – Chain B, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

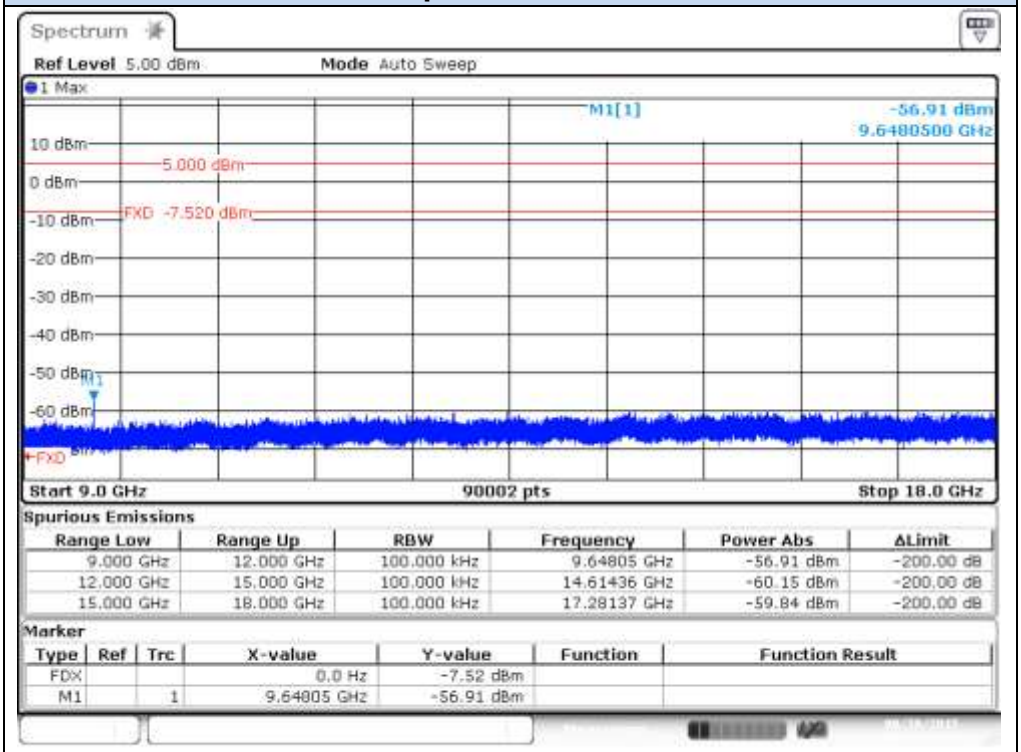
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41397 GHz	11.89 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.82399 GHz	-46.54 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.32444 GHz	-55.58 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.52 dBm		
M1		1	4.823989 GHz	-46.54 dBm		

Date: 28.AUG.2015 10:11:11

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.64805 GHz	-56.91 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.61436 GHz	-60.15 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.28137 GHz	-59.84 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.52 dBm		
M1		1	9.64805 GHz	-56.91 dBm		

Date: 28.AUG.2015 10:12:32

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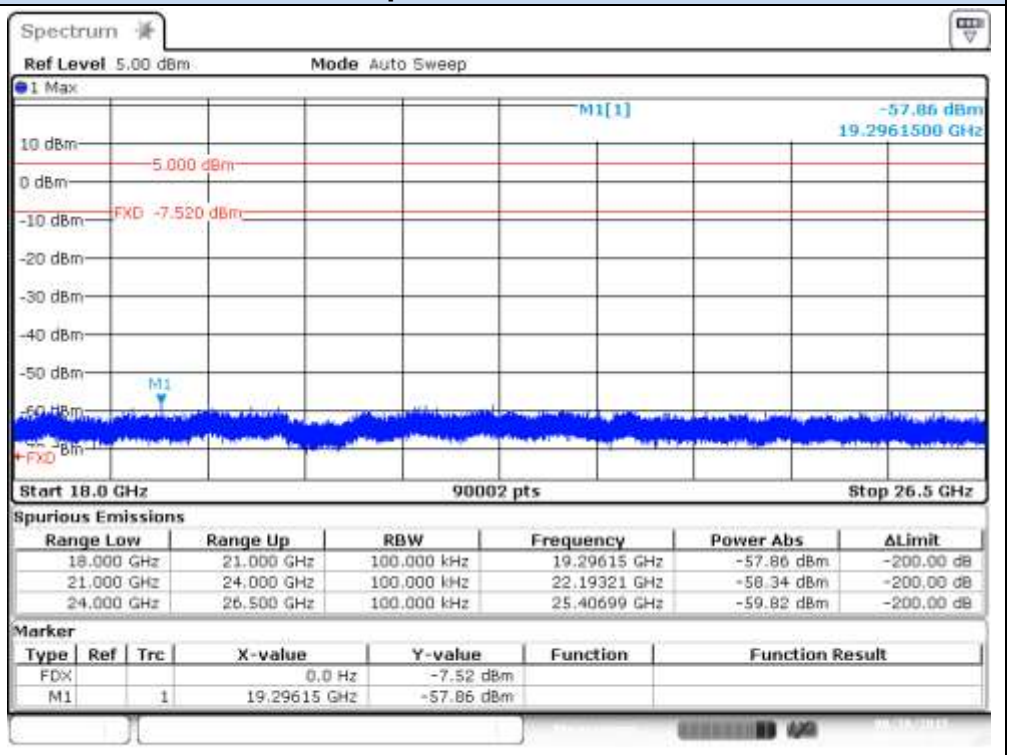
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.29615 GHz	-57.86 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.19321 GHz	-58.34 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	25.40699 GHz	-59.82 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.52 dBm		
M1		1	19.29615 GHz	-57.86 dBm		

Date: 28.AUG.2015 10:13:10

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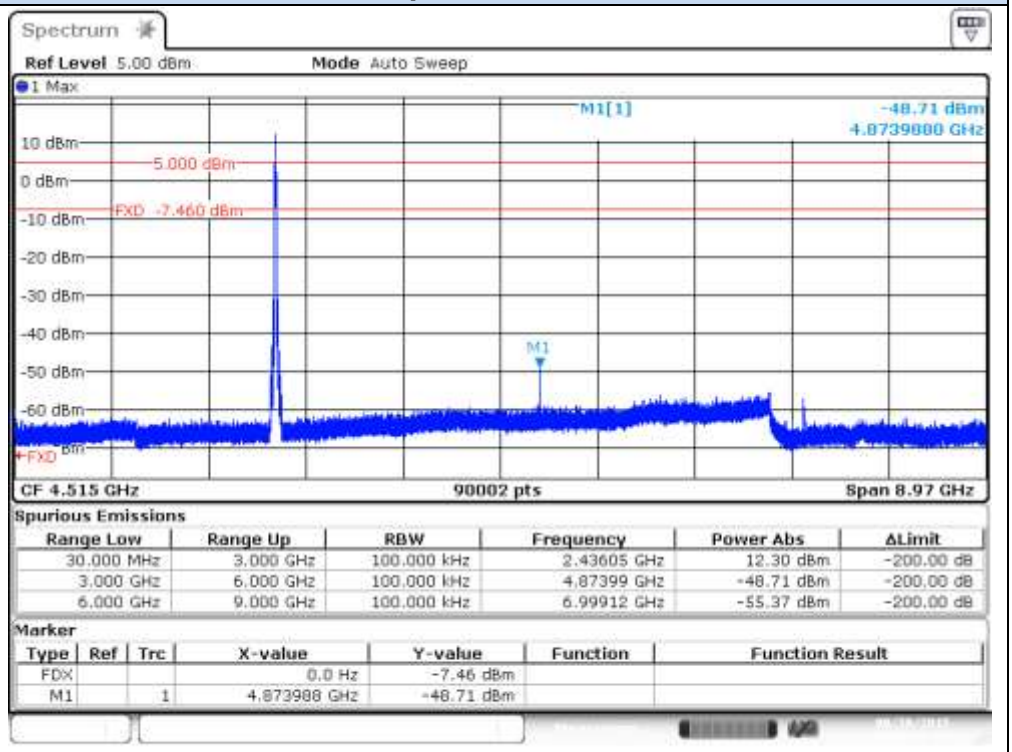
802.11b, 1Mbps – Chain B, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

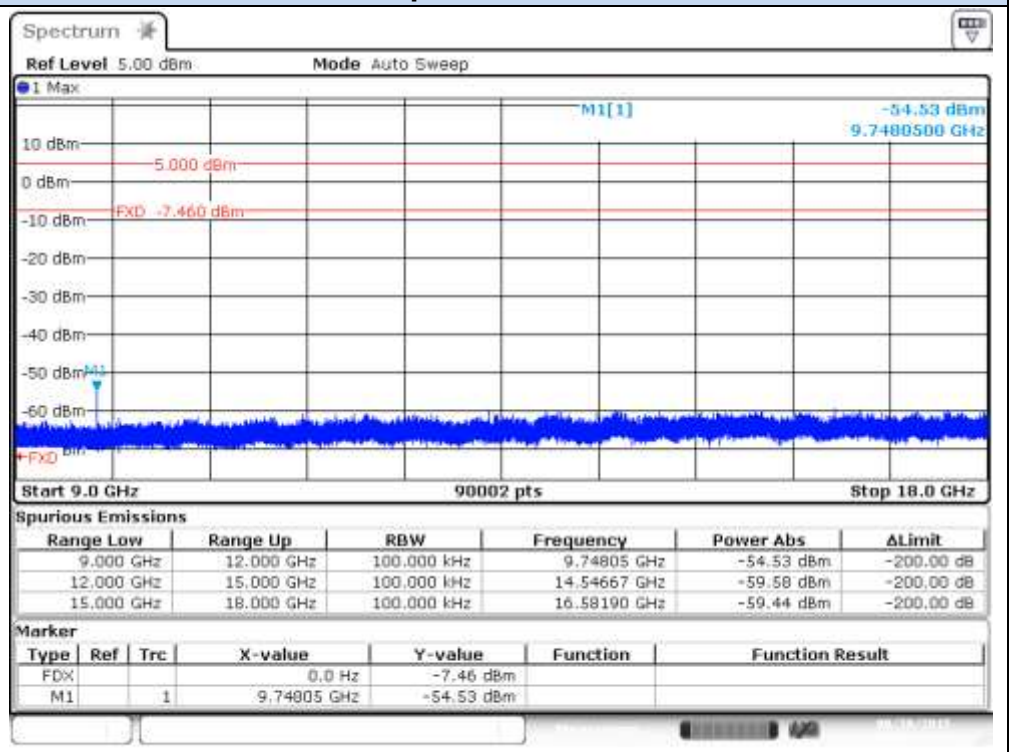
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43605 GHz	12.30 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.87399 GHz	-48.71 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.99912 GHz	-55.37 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.46 dBm		
M1		1	4.873988 GHz	-48.71 dBm		

Date: 28.AUG.2015 10:14:48

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.74805 GHz	-54.53 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.54667 GHz	-59.58 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.58190 GHz	-59.44 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.46 dBm		
M1		1	9.74805 GHz	-54.53 dBm		

Date: 28.AUG.2015 10:15:33

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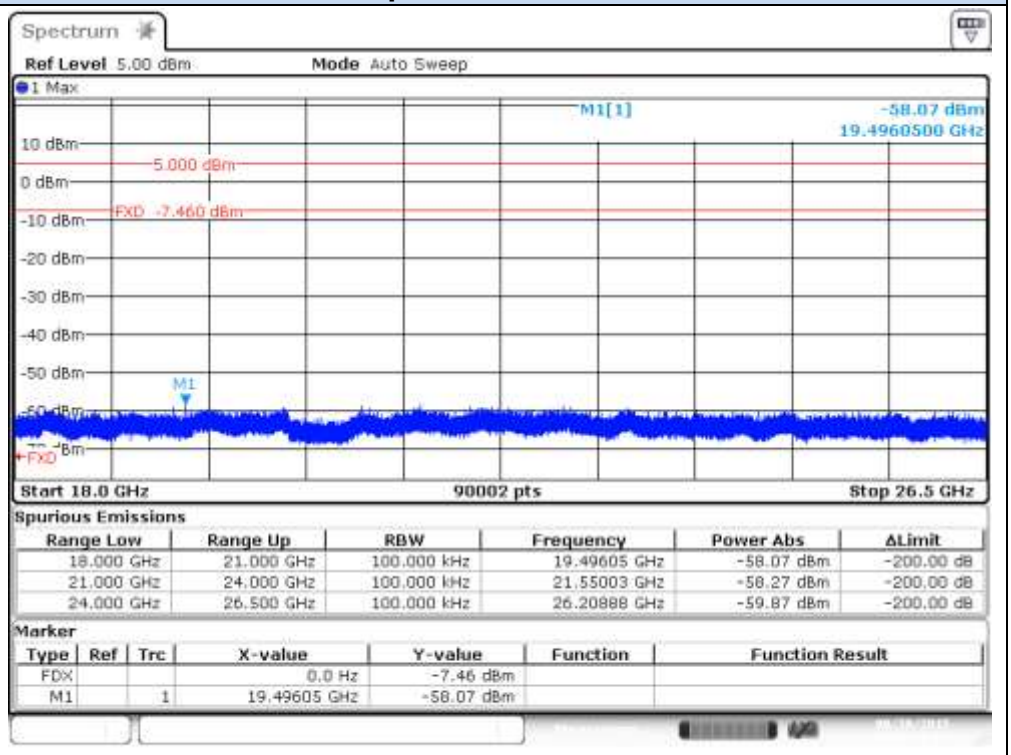
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.49605 GHz	-58.07 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.55003 GHz	-58.27 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	26.20888 GHz	-59.87 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-7.46 dBm		
M1		1	19.49605 GHz	-58.07 dBm		

Date: 28.AUG.2015 10:16:24

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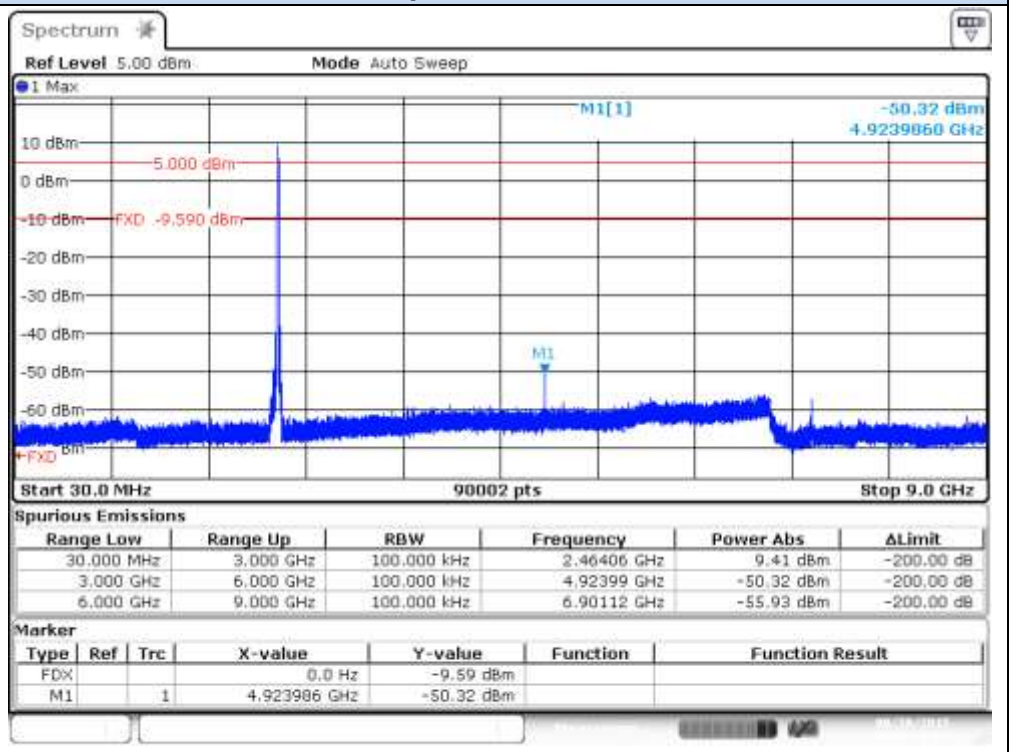
802.11b, 1Mbps – Chain B, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

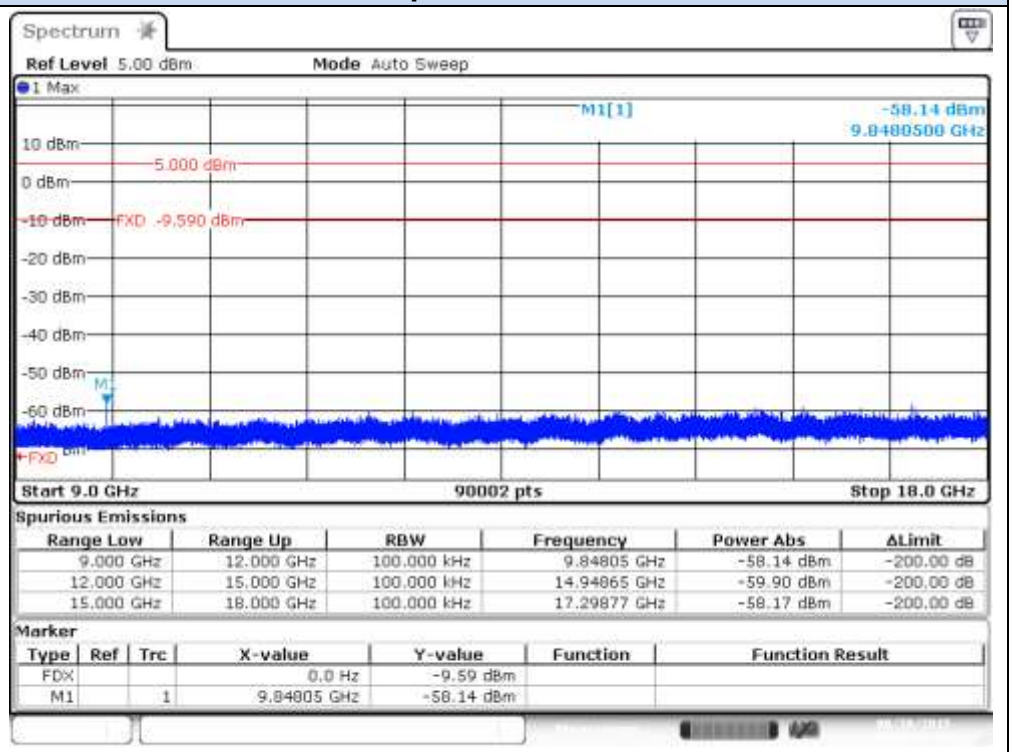
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.46406 GHz	9.41 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.92399 GHz	-50.32 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.90112 GHz	-55.93 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.59 dBm		
M1		1	4.923986 GHz	-50.32 dBm		

Date: 28.AUG.2015 10:26:31

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.84805 GHz	-58.14 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.94865 GHz	-59.90 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.29877 GHz	-58.17 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.59 dBm		
M1		1	9.84805 GHz	-58.14 dBm		

Date: 28.AUG.2015 10:27:29

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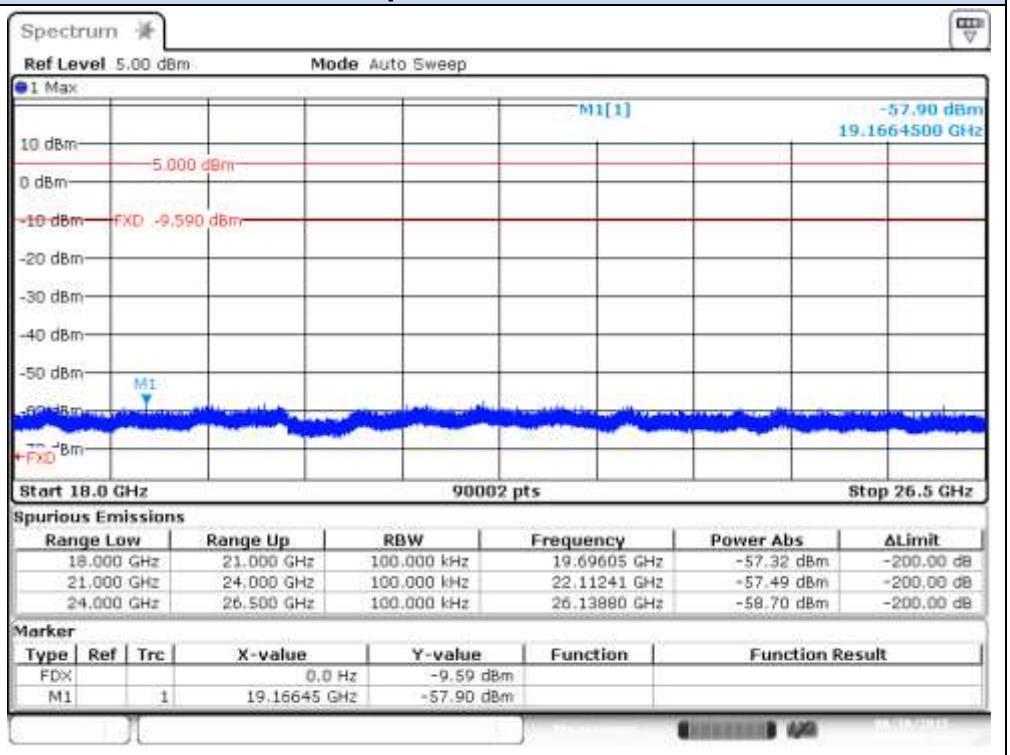
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.69605 GHz	-57.32 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.11241 GHz	-57.49 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	26.13880 GHz	-58.70 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.59 dBm		
M1		1	19.16645 GHz	-57.90 dBm		

Date: 28.AUG.2015 10:30:09

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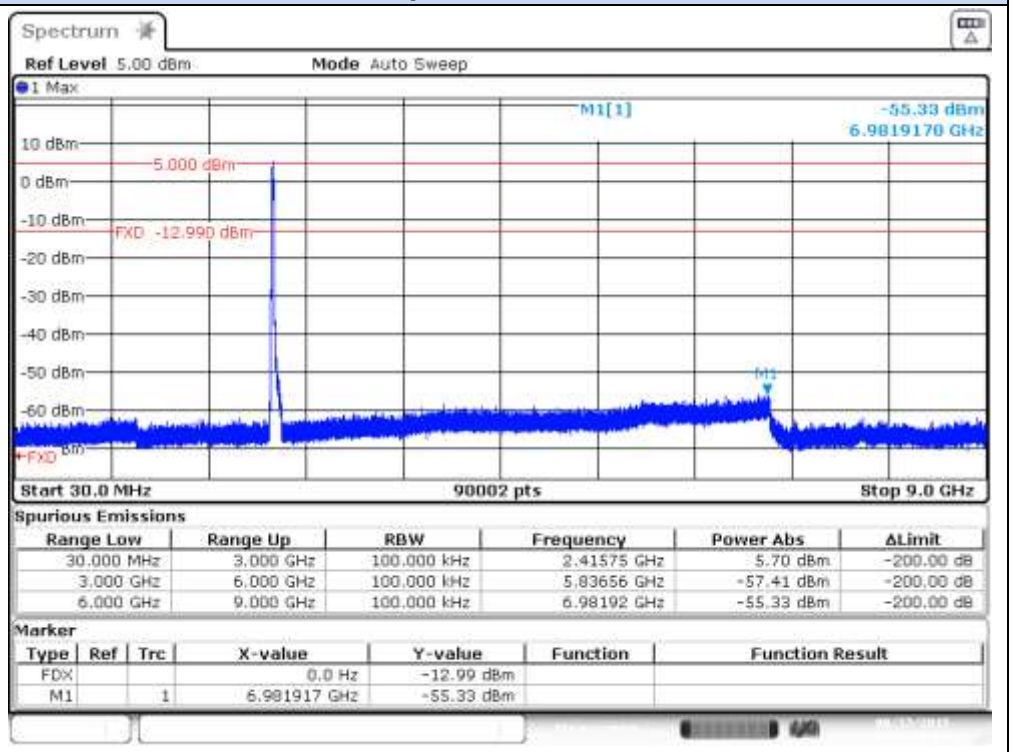
802.11g, 6Mbps – Chain A, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

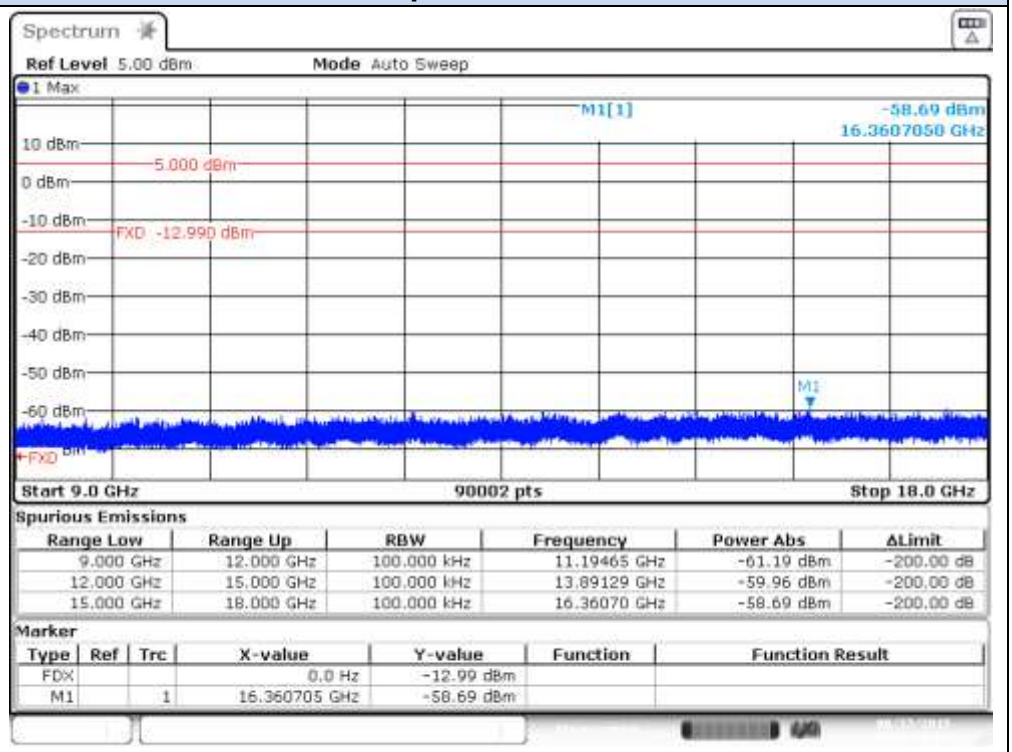
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41575 GHz	5.70 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.83656 GHz	-57.41 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.98192 GHz	-55.33 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.99 dBm		
M1		1	6.981917 GHz	-55.33 dBm		

Date: 27.AUG.2015 16:56:06

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.19465 GHz	-61.19 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	13.89129 GHz	-59.96 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.36070 GHz	-58.69 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.99 dBm		
M1		1	16.360705 GHz	-58.69 dBm		

Date: 27.AUG.2015 16:56:51

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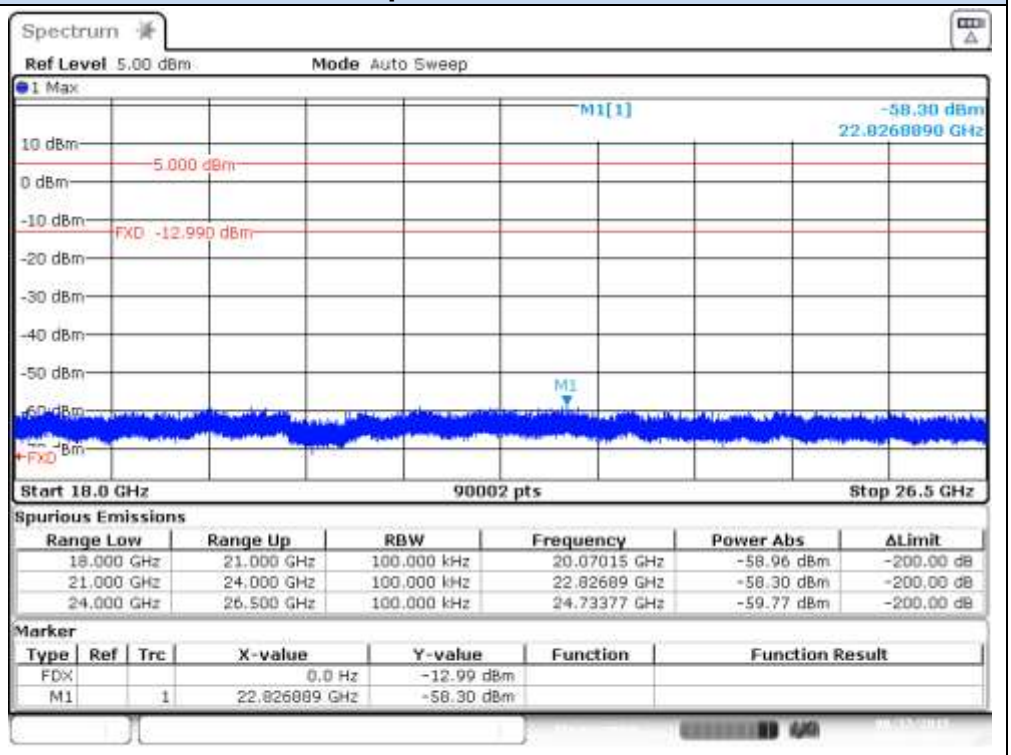
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	20.07015 GHz	-58.96 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.82689 GHz	-58.30 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.73377 GHz	-59.77 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.99 dBm		
M1		1	22.826889 GHz	-58.30 dBm		

Date: 27.AUG.2015 16:57:32

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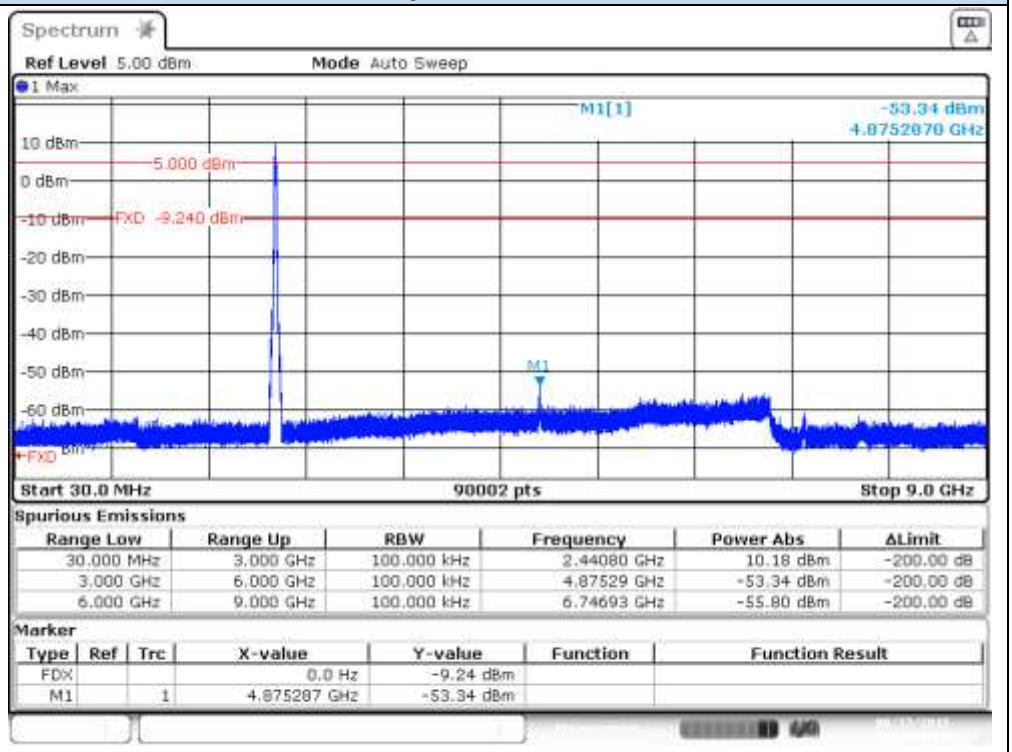
802.11g, 6Mbps – Chain A, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

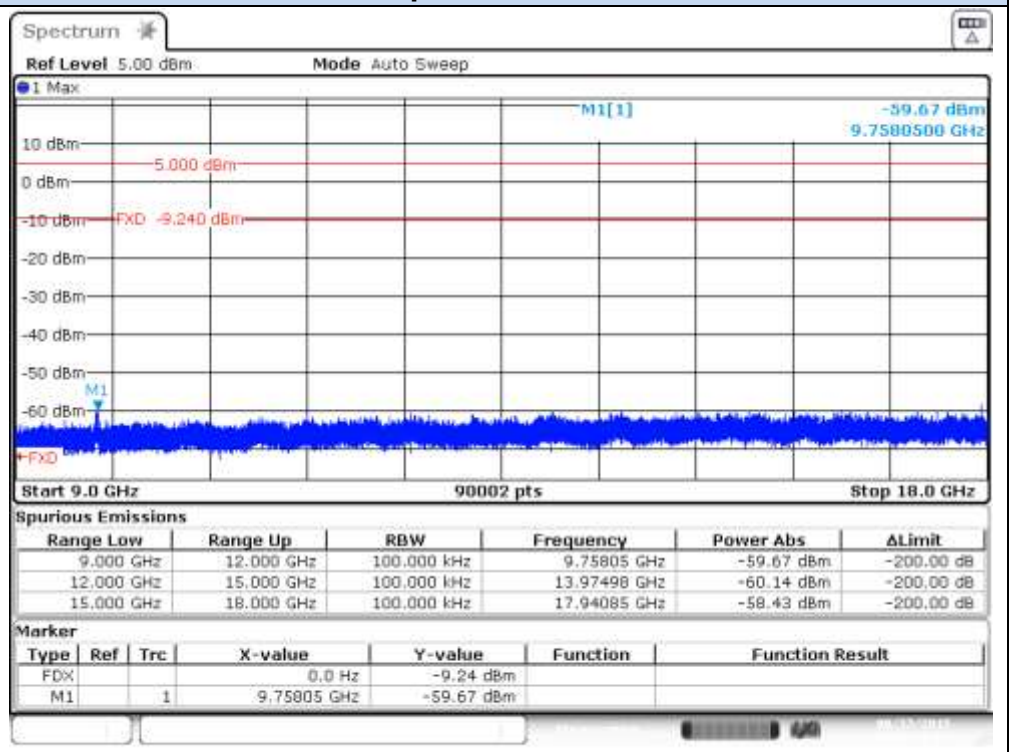
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.44080 GHz	10.18 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.87529 GHz	-53.34 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.74693 GHz	-55.80 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.24 dBm		
M1		1	4.875287 GHz	-53.34 dBm		

Date: 27.AUG.2015 16:58:41

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.75805 GHz	-59.67 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	13.97498 GHz	-60.14 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.94085 GHz	-58.43 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.24 dBm		
M1		1	9.75805 GHz	-59.67 dBm		

Date: 27.AUG.2015 16:59:18

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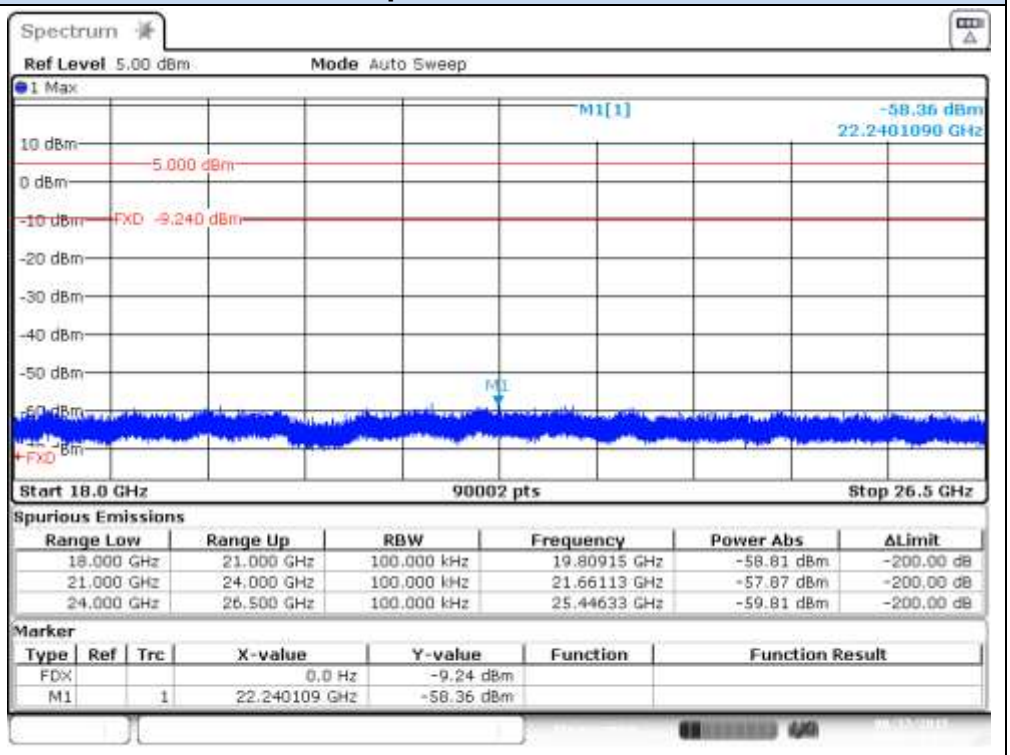
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.80915 GHz	-58.81 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.66113 GHz	-57.87 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	25.44633 GHz	-59.81 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.24 dBm		
M1		1	22.240109 GHz	-58.36 dBm		

Date: 27.AUG.2015 16:59:50

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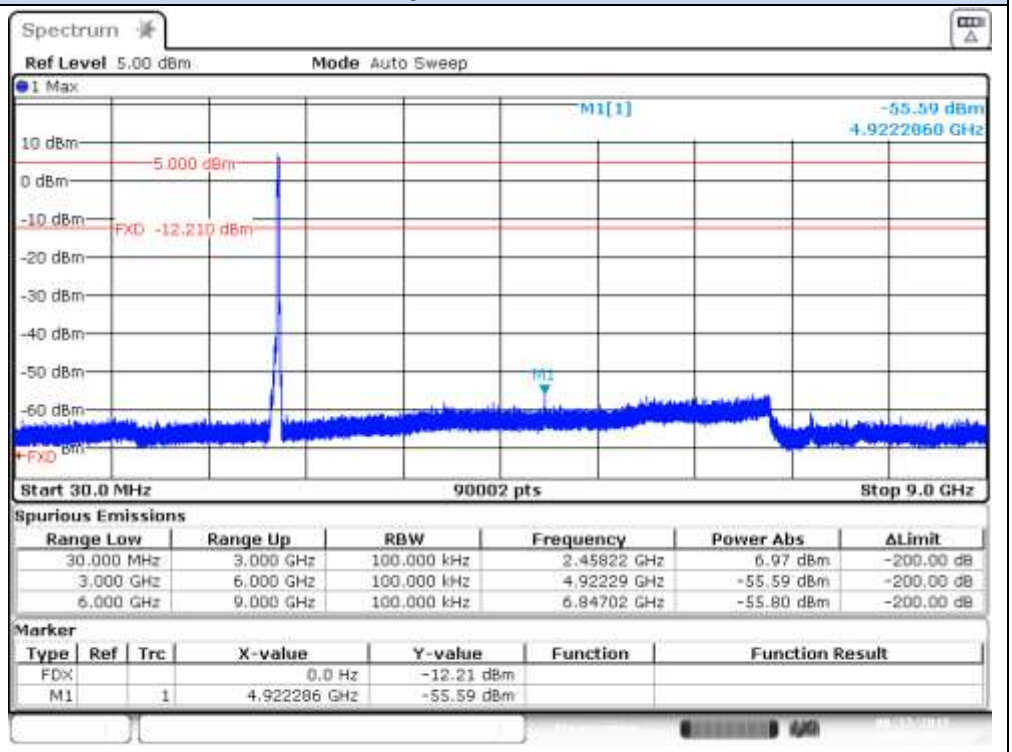
802.11g, 6Mbps – Chain A, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

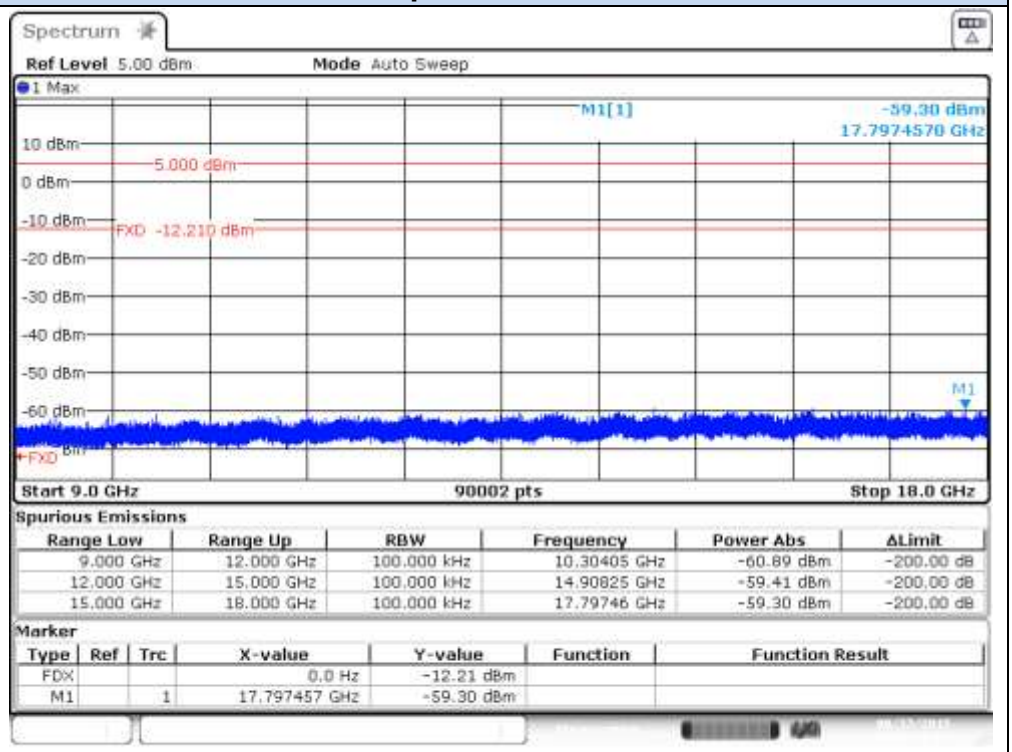
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.45822 GHz	6.97 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.92229 GHz	-55.59 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.84702 GHz	-55.80 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.21 dBm		
M1		1	4.922286 GHz	-55.59 dBm		

Date: 27.AUG.2015 17:01:44

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	10.30405 GHz	-60.89 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.90825 GHz	-59.41 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.79746 GHz	-59.30 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.21 dBm		
M1		1	17.797457 GHz	-59.30 dBm		

Date: 27.AUG.2015 17:02:36

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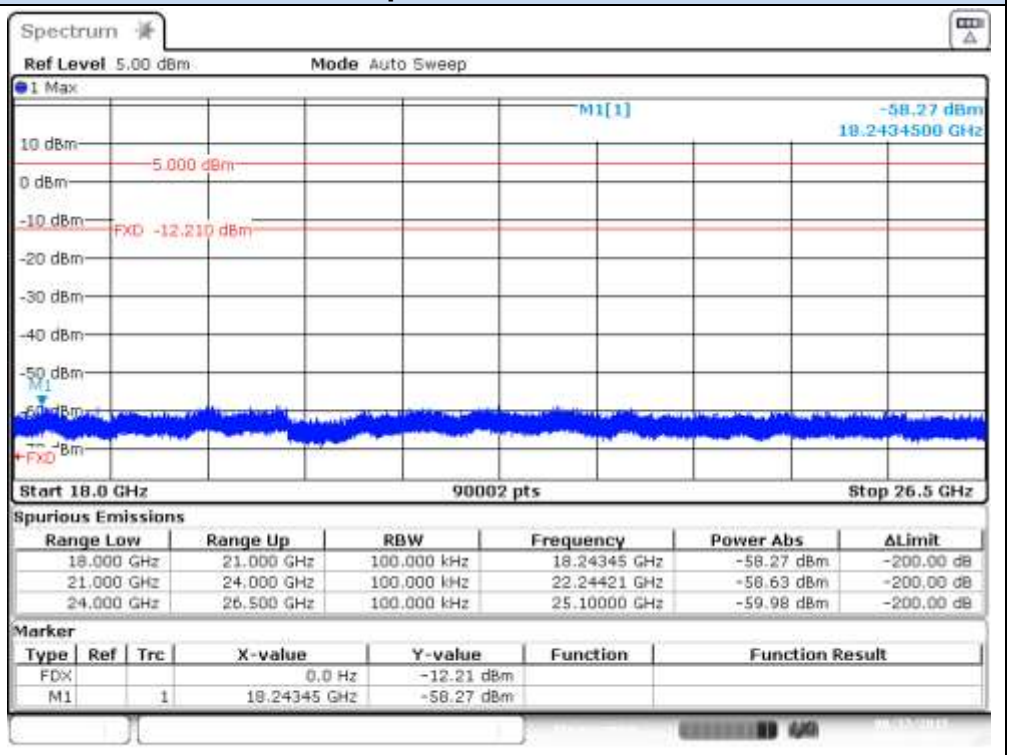
Cond Spur, 18GHz – 26.5GHz



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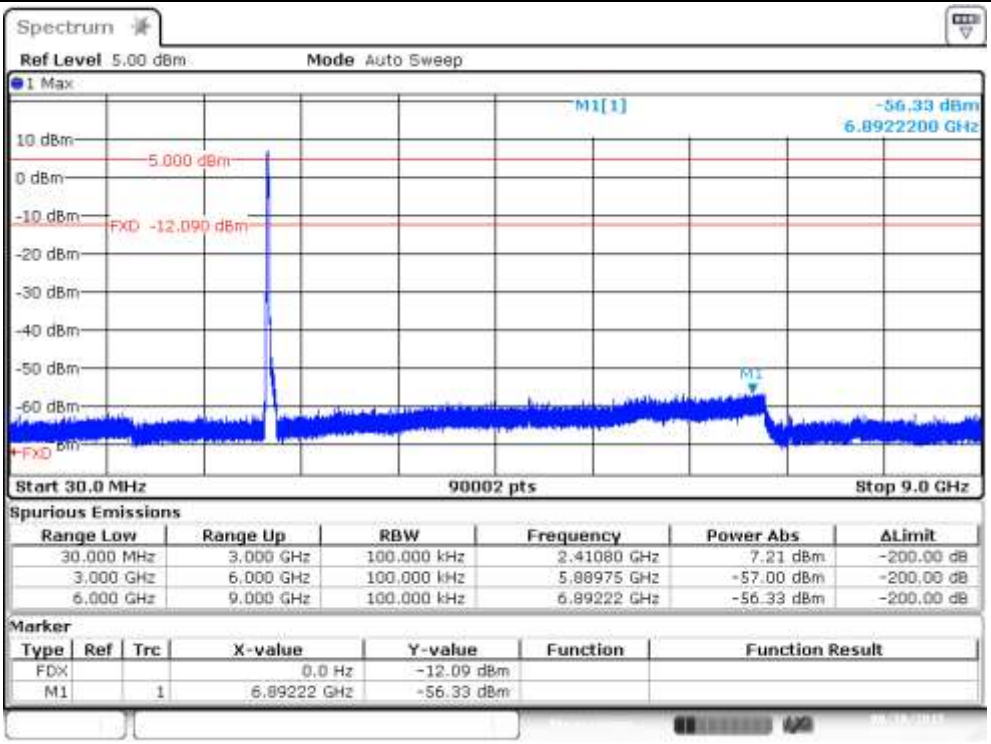
802.11g, 6Mbps – Chain B, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

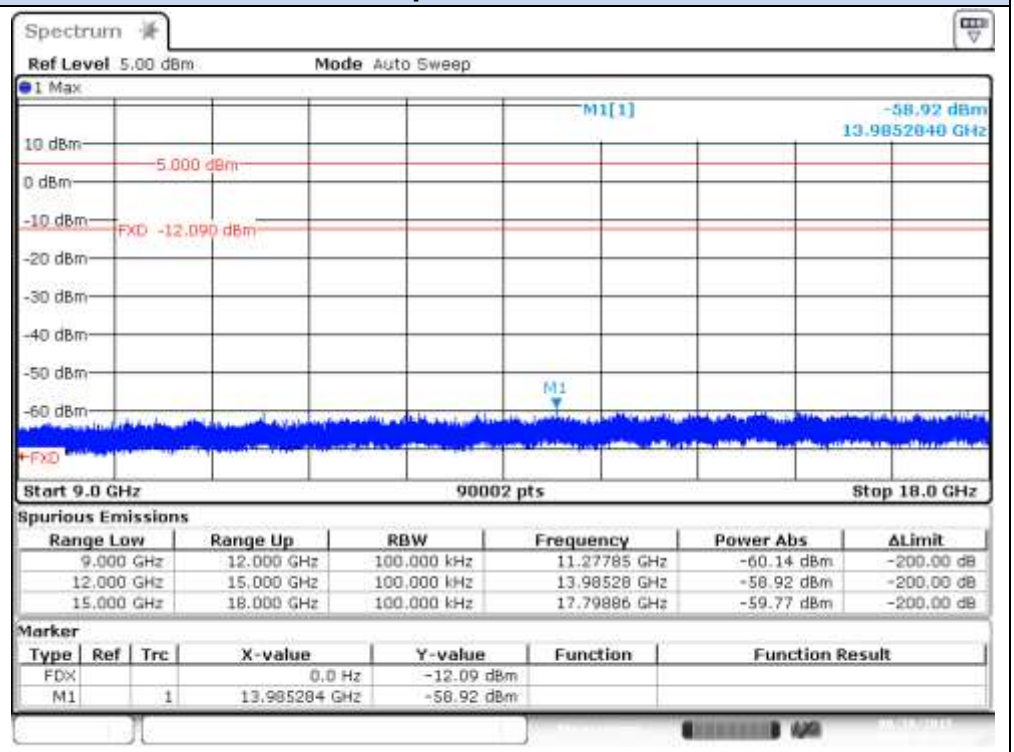
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41080 GHz	7.21 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.88975 GHz	-57.00 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.89222 GHz	-56.33 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.09 dBm		
M1		1	6.89222 GHz	-56.33 dBm		

Date: 28.AUG.2015 10:39:10

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.27785 GHz	-60.14 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	13.98528 GHz	-58.92 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.79886 GHz	-59.77 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.09 dBm		
M1		1	13.985284 GHz	-58.92 dBm		

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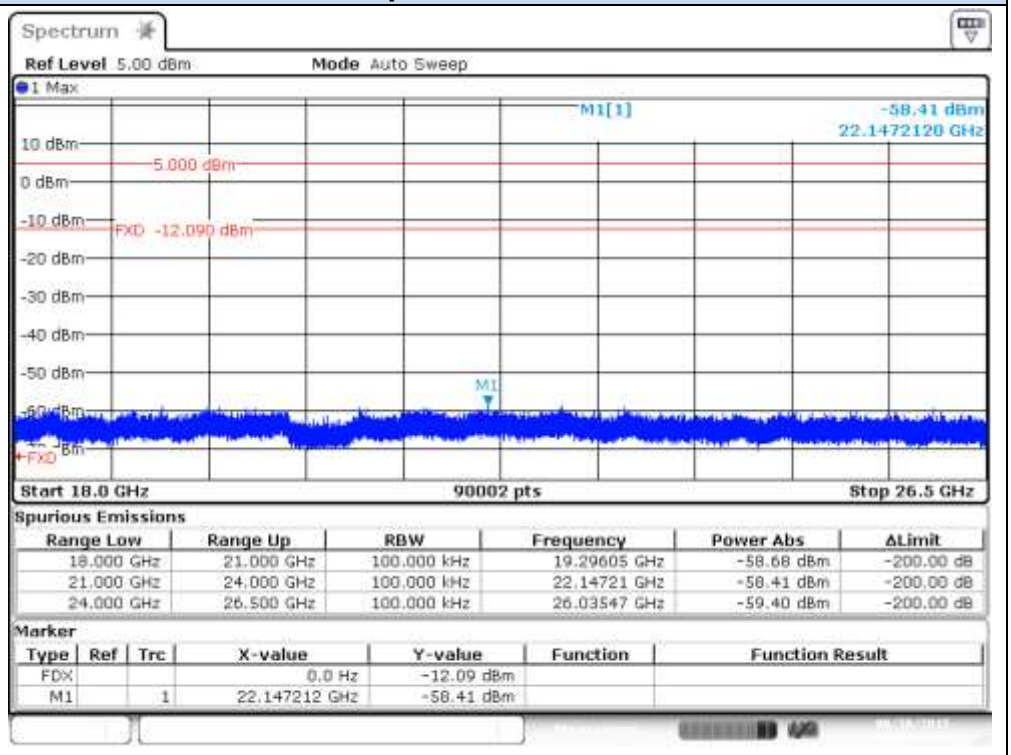
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.29605 GHz	-58.68 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.14721 GHz	-58.41 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	26.03547 GHz	-59.40 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.09 dBm		
M1		1	22.147212 GHz	-58.41 dBm		

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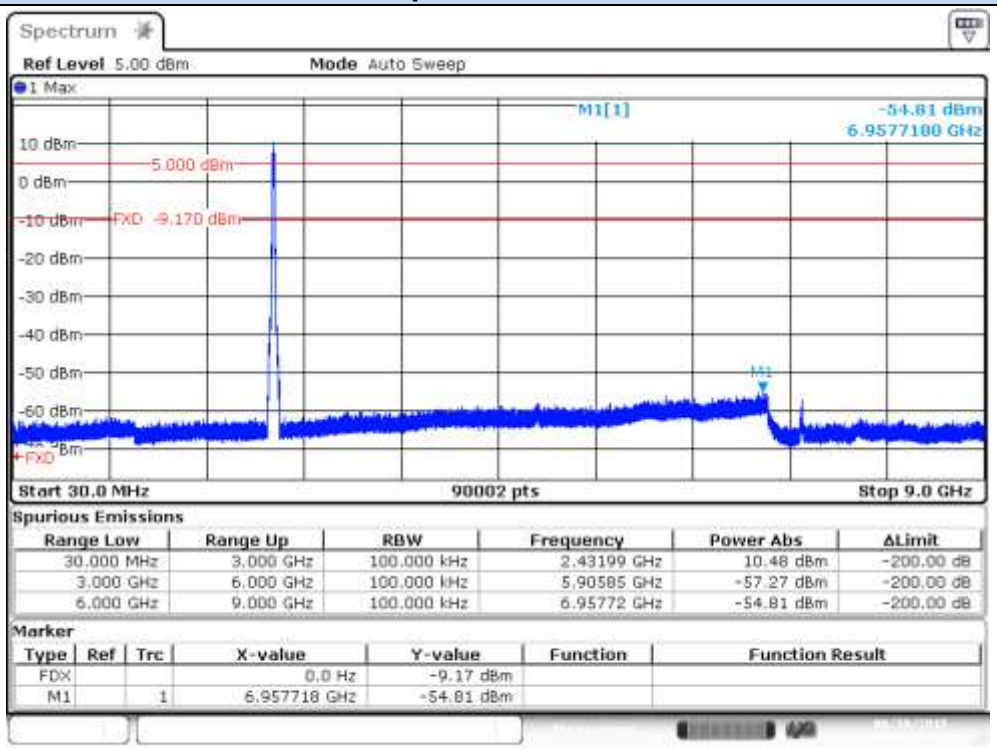
802.11g, 6Mbps – Chain B, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

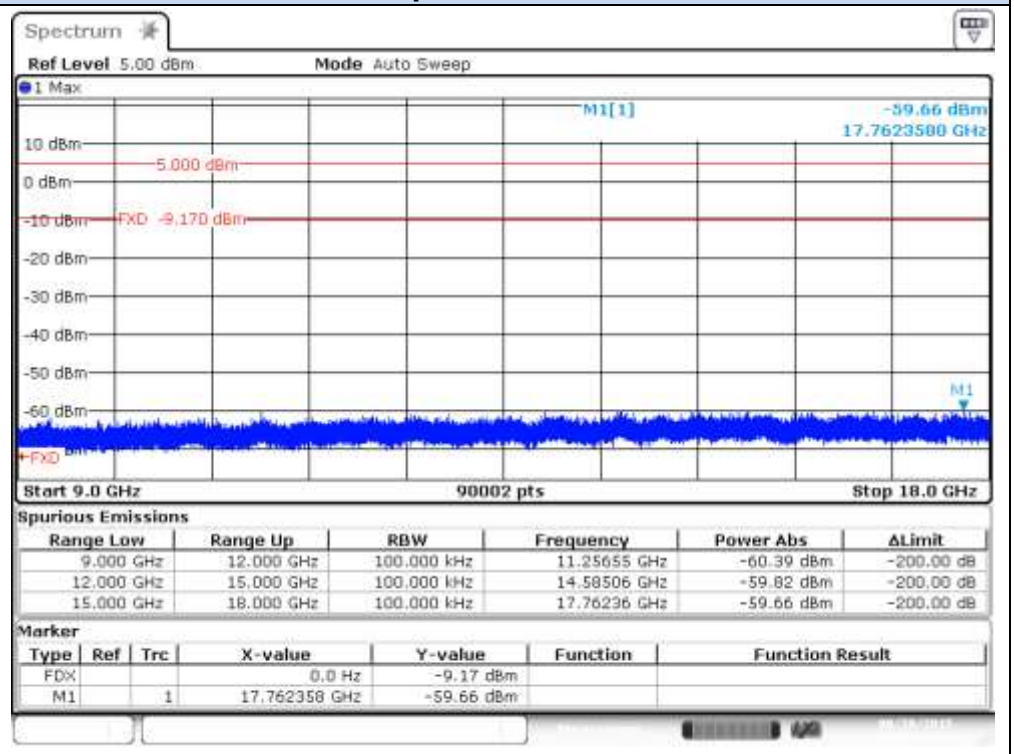
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43199 GHz	10.48 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.90585 GHz	-57.27 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.95772 GHz	-54.81 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.17 dBm		
M1		1	6.957718 GHz	-54.81 dBm		

Date: 28.AUG.2015 10:42:43

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.25655 GHz	-60.39 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.58506 GHz	-59.82 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.76236 GHz	-59.66 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.17 dBm		
M1		1	17.762358 GHz	-59.66 dBm		

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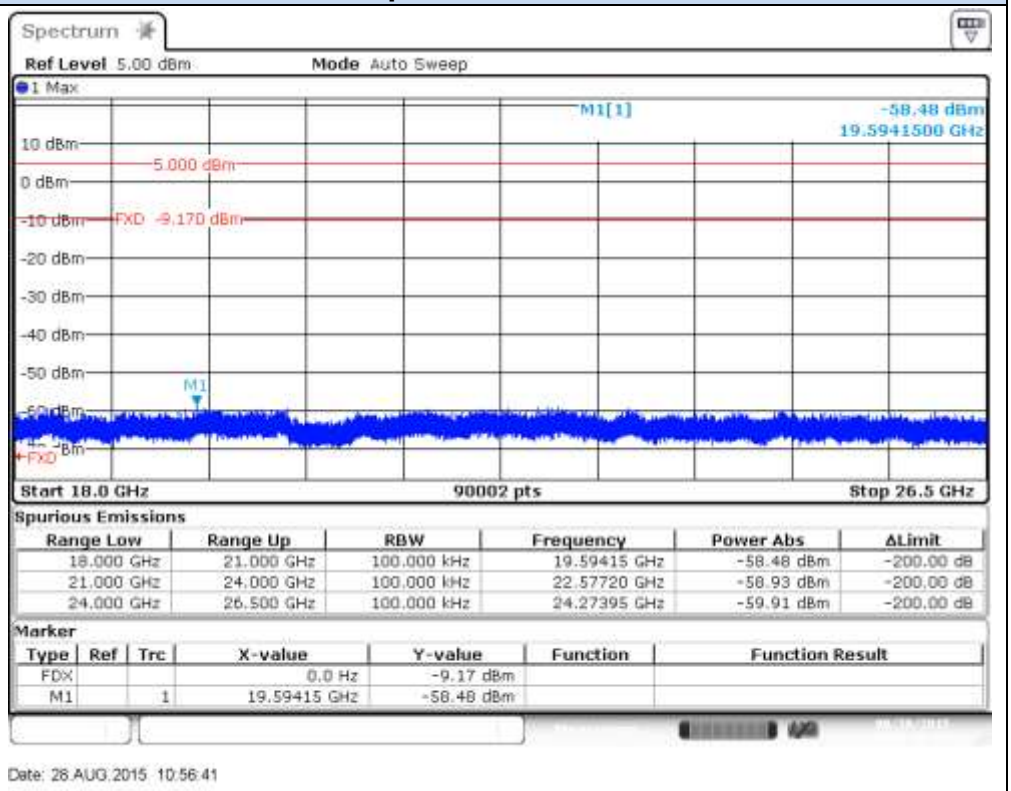
Cond Spur, 18GHz – 26.5GHz



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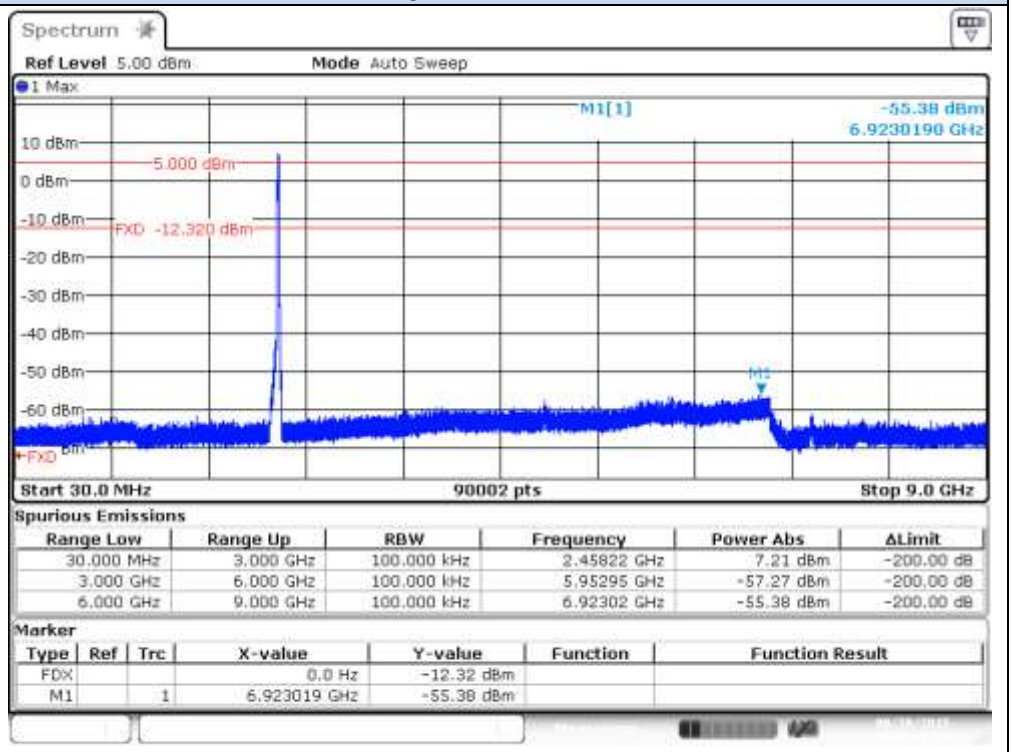
802.11g, 6Mbps – Chain B, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

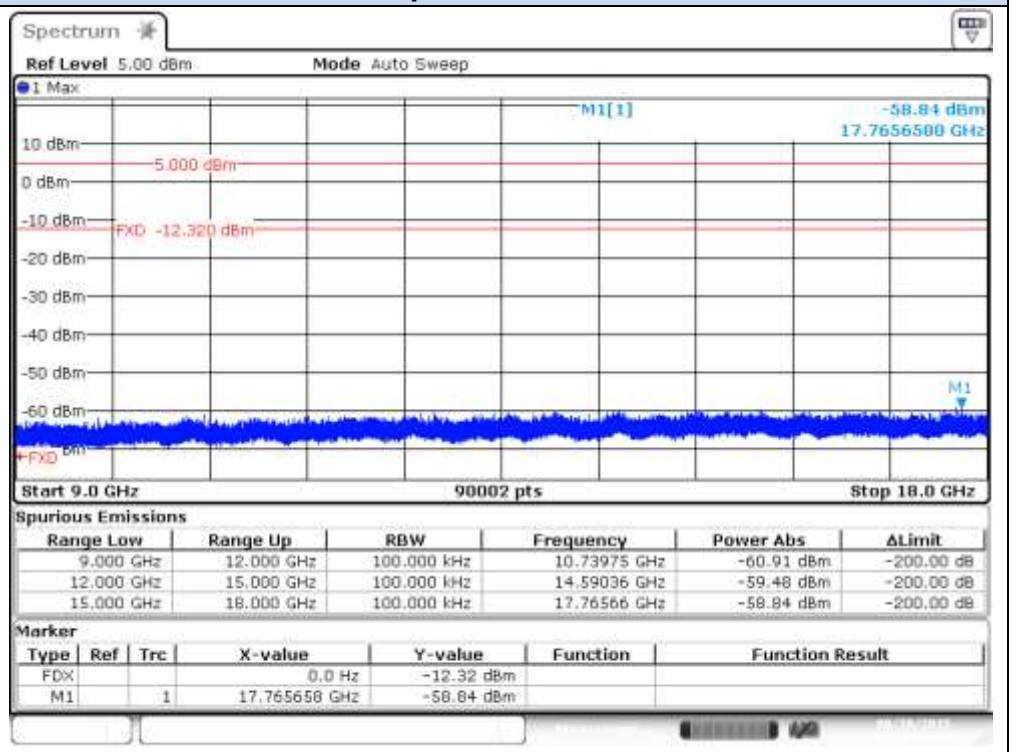
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.45822 GHz	7.21 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.95295 GHz	-57.27 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.92302 GHz	-55.38 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.32 dBm		
M1		1	6.923019 GHz	-55.38 dBm		

Date: 28.AUG.2015 10:58:15

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	10.73975 GHz	-60.91 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.59036 GHz	-59.48 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.76566 GHz	-58.84 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.32 dBm		
M1		1	17.765658 GHz	-58.84 dBm		

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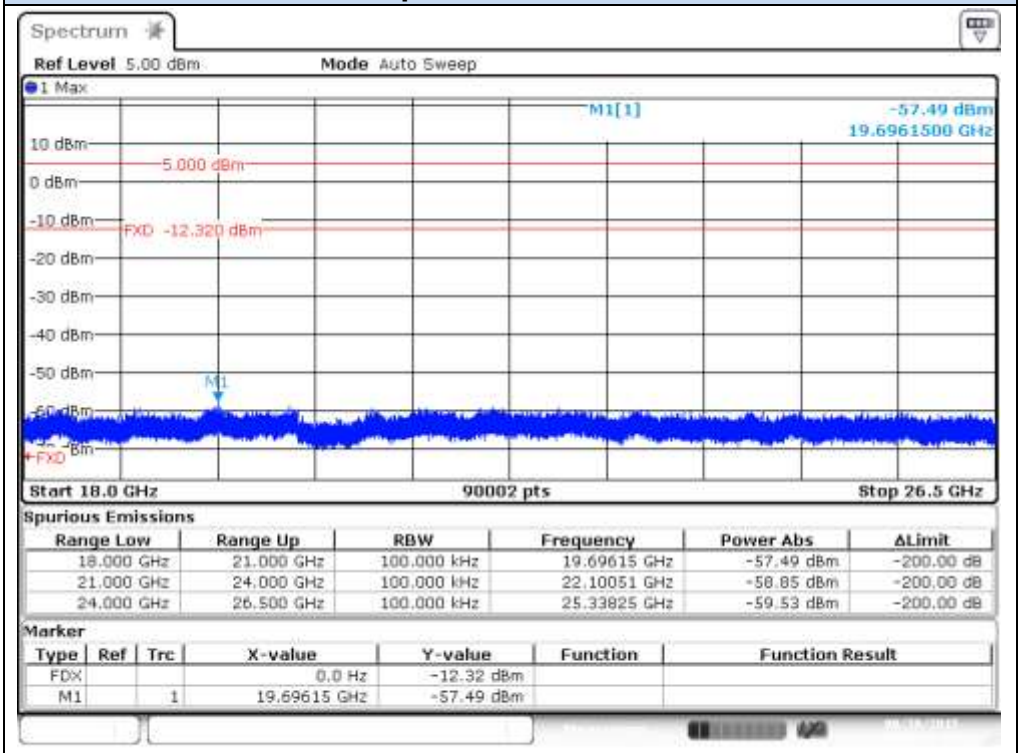
Cond Spur, 18GHz – 26.5GHz



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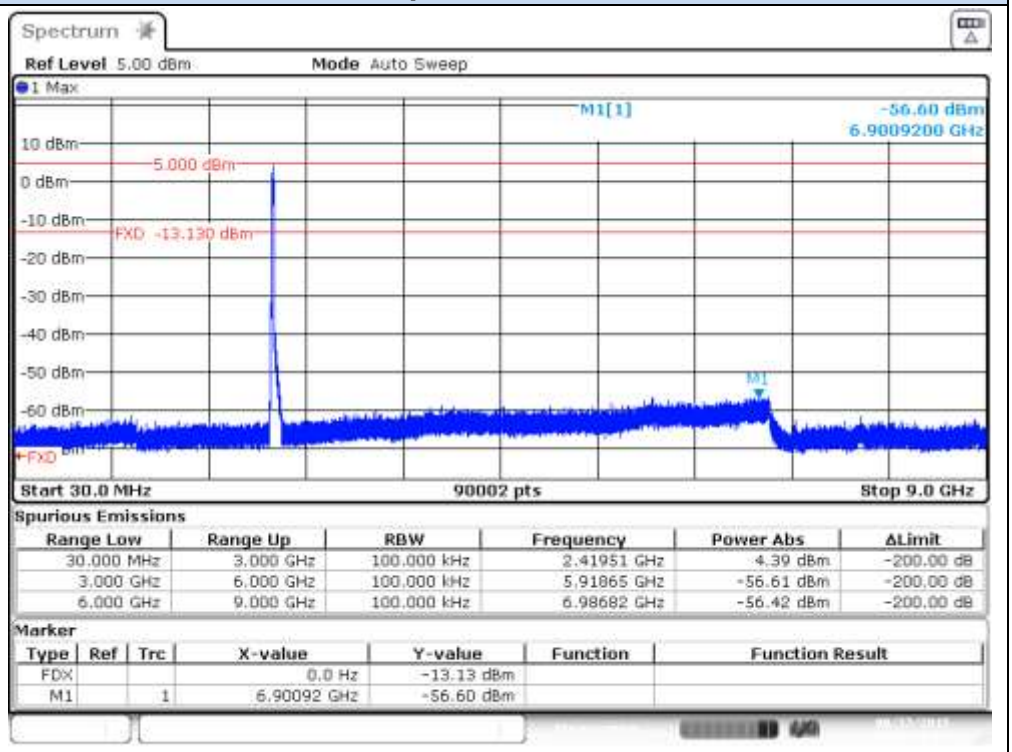
802.11n20, HT0 (SISO) – Chain A, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

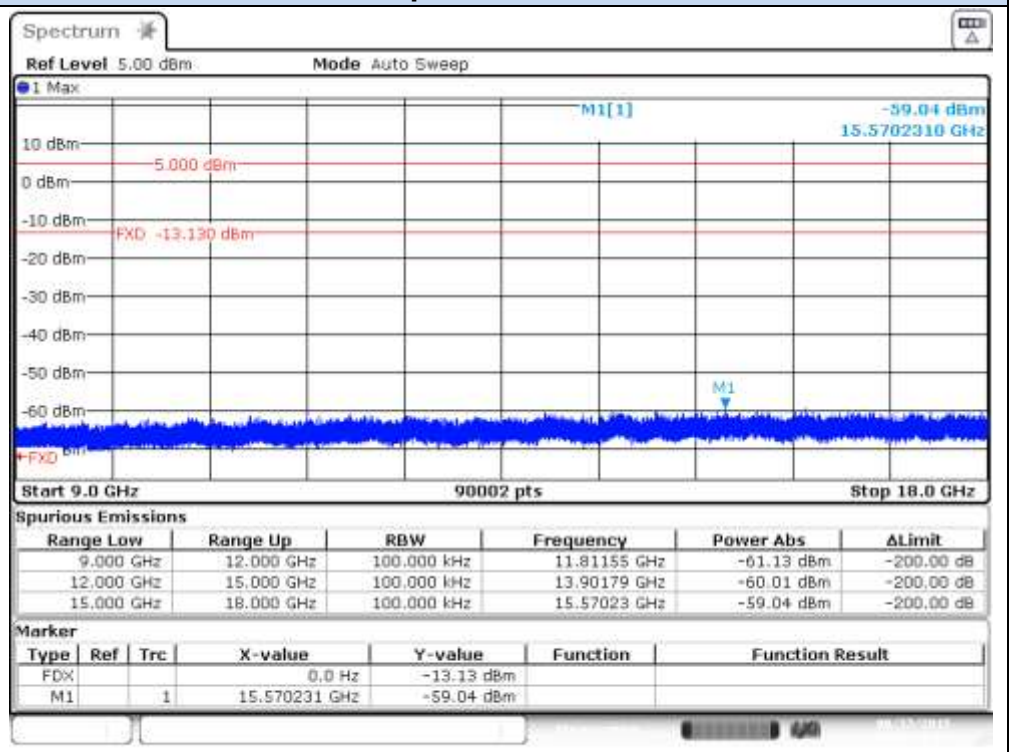
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41951 GHz	4.39 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.91865 GHz	-56.61 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.98682 GHz	-56.42 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.13 dBm		
M1		1	6.90092 GHz	-56.60 dBm		

Date: 27.AUG.2015 17:18:39

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.81155 GHz	-61.13 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	13.90179 GHz	-60.01 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	15.57023 GHz	-59.04 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.13 dBm		
M1		1	15.570231 GHz	-59.04 dBm		

Date: 27.AUG.2015 17:20:31

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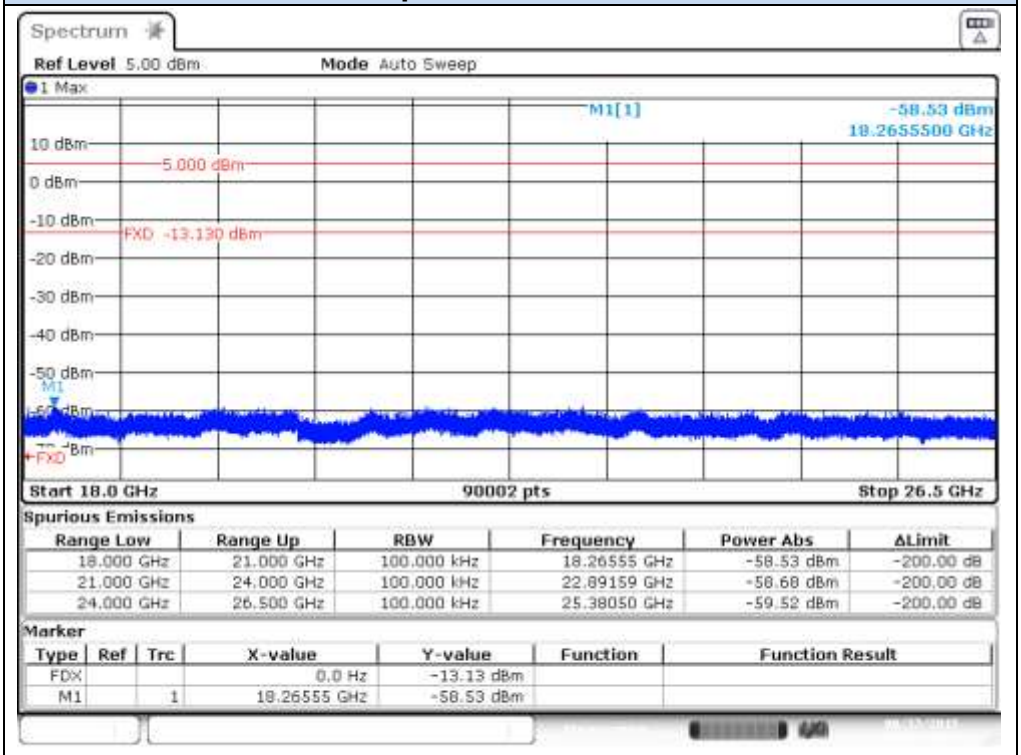
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	18.26555 GHz	-58.53 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.89159 GHz	-58.68 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	25.38050 GHz	-59.52 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.13 dBm		
M1		1	18.26555 GHz	-58.53 dBm		

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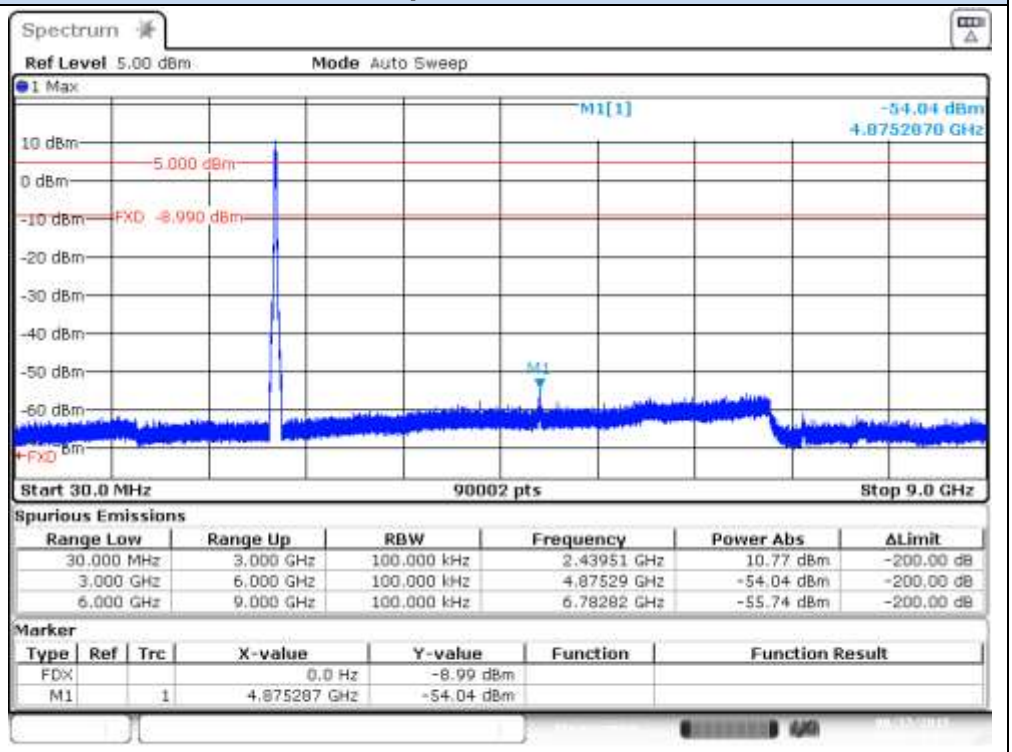
802.11n20, HT0 (SISO) – Chain A, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

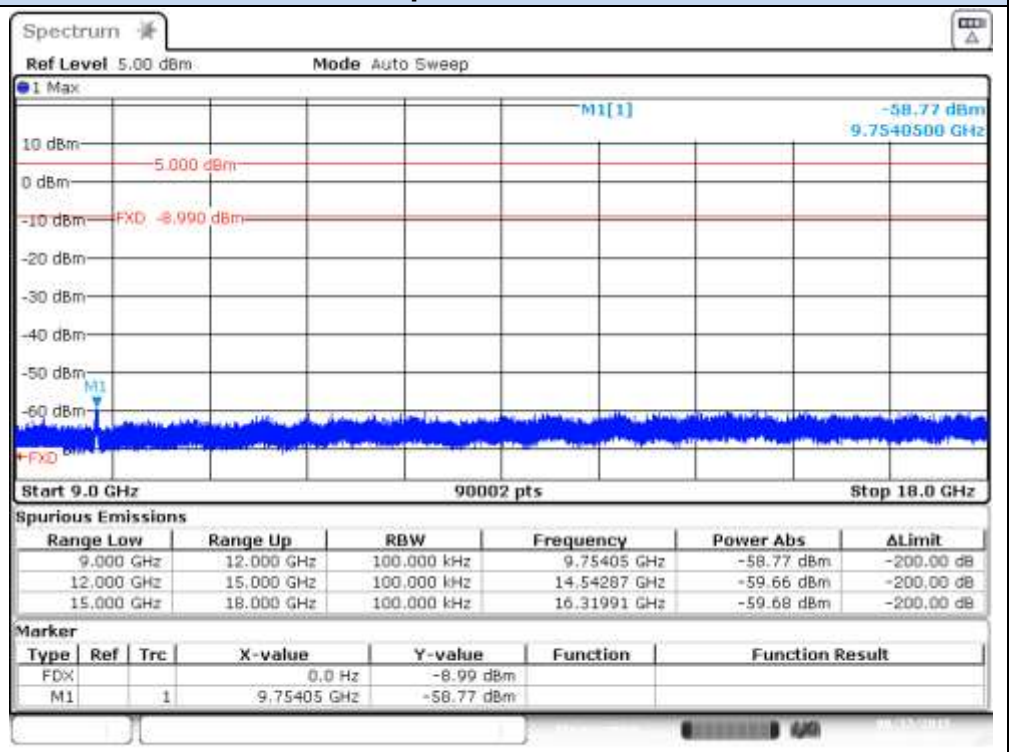
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43951 GHz	10.77 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.87529 GHz	-54.04 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.78282 GHz	-55.74 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.99 dBm		
M1		1	4.875287 GHz	-54.04 dBm		

Date: 27.AUG.2015 17:25:01

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	9.75405 GHz	-58.77 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.54287 GHz	-59.66 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.31991 GHz	-59.68 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.99 dBm		
M1		1	9.75405 GHz	-58.77 dBm		

Date: 27.AUG.2015 17:25:45

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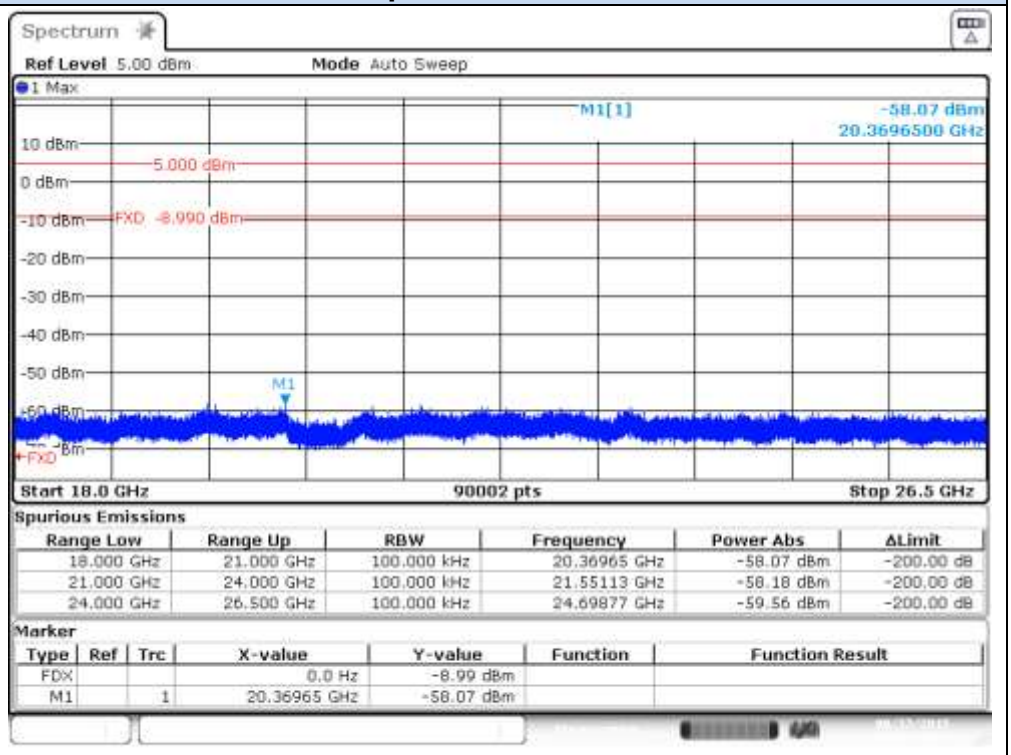
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	20.36965 GHz	-58.07 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.55113 GHz	-58.18 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.69877 GHz	-59.56 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-8.99 dBm		
M1		1	20.36965 GHz	-58.07 dBm		

Date: 27.AUG.2015 17:26:45

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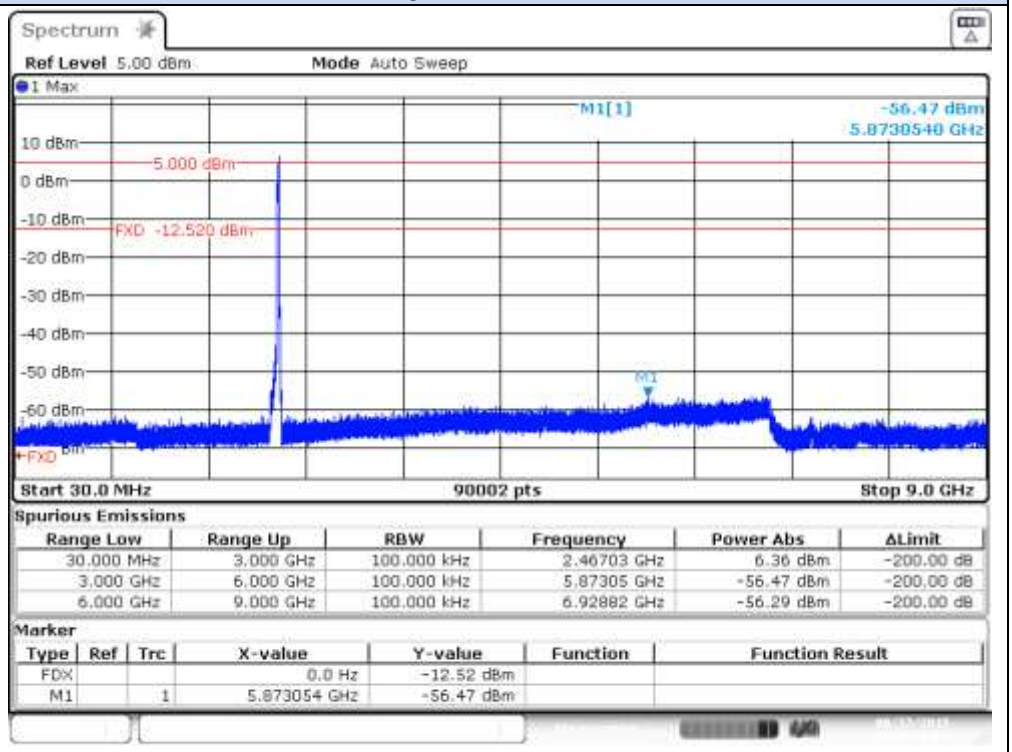
802.11n20, HT0 (SISO) – Chain A, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

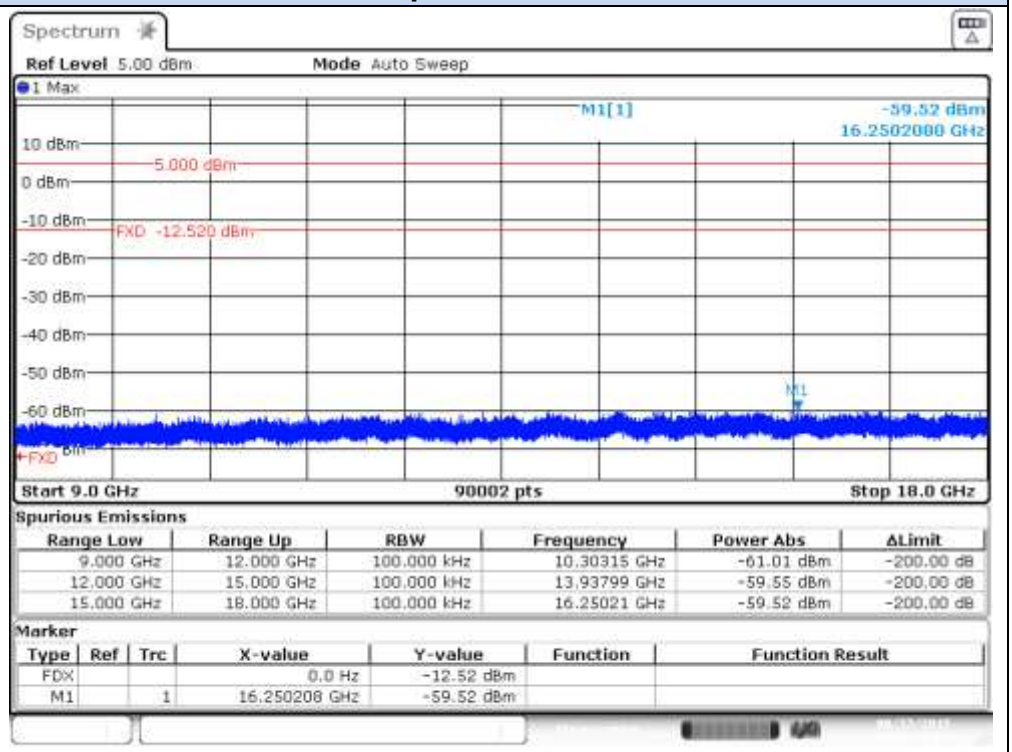
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.46703 GHz	6.36 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.87305 GHz	-56.47 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.92882 GHz	-56.29 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.52 dBm		
M1		1	5.873054 GHz	-56.47 dBm		

Date: 27.AUG.2015 17:29:49

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	10.30315 GHz	-61.01 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	13.93799 GHz	-59.55 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.25021 GHz	-59.52 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.52 dBm		
M1		1	16.250208 GHz	-59.52 dBm		

Date: 27.AUG.2015 17:30:49

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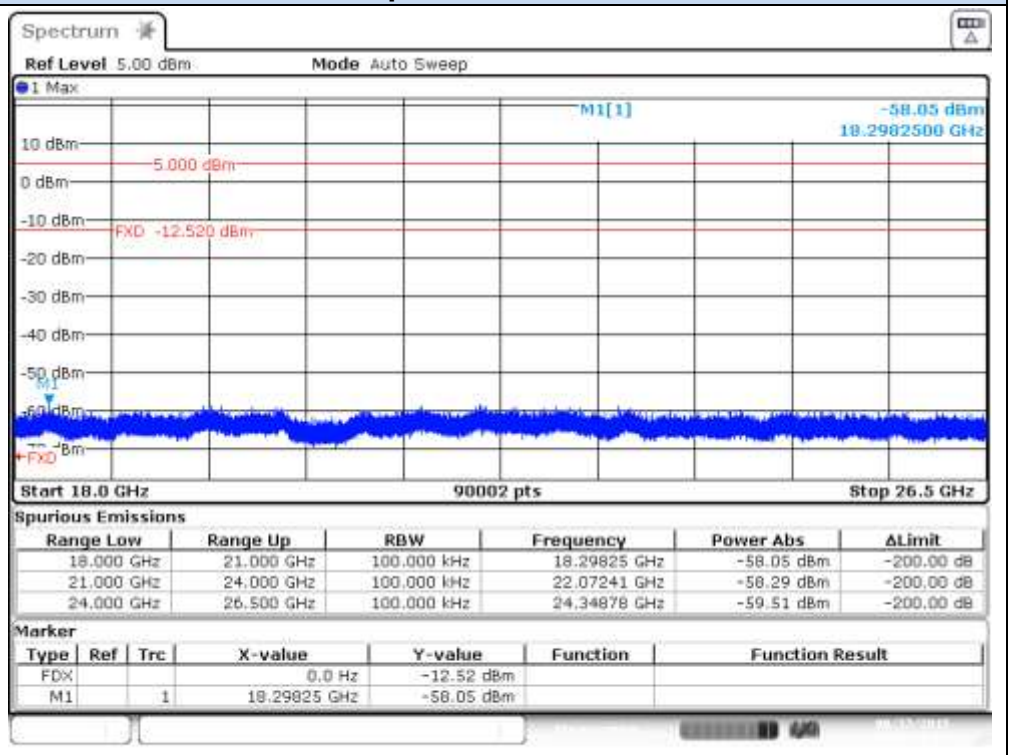
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	18.29825 GHz	-58.05 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.07241 GHz	-58.29 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.34878 GHz	-59.51 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.52 dBm		
M1		1	18.29825 GHz	-58.05 dBm		

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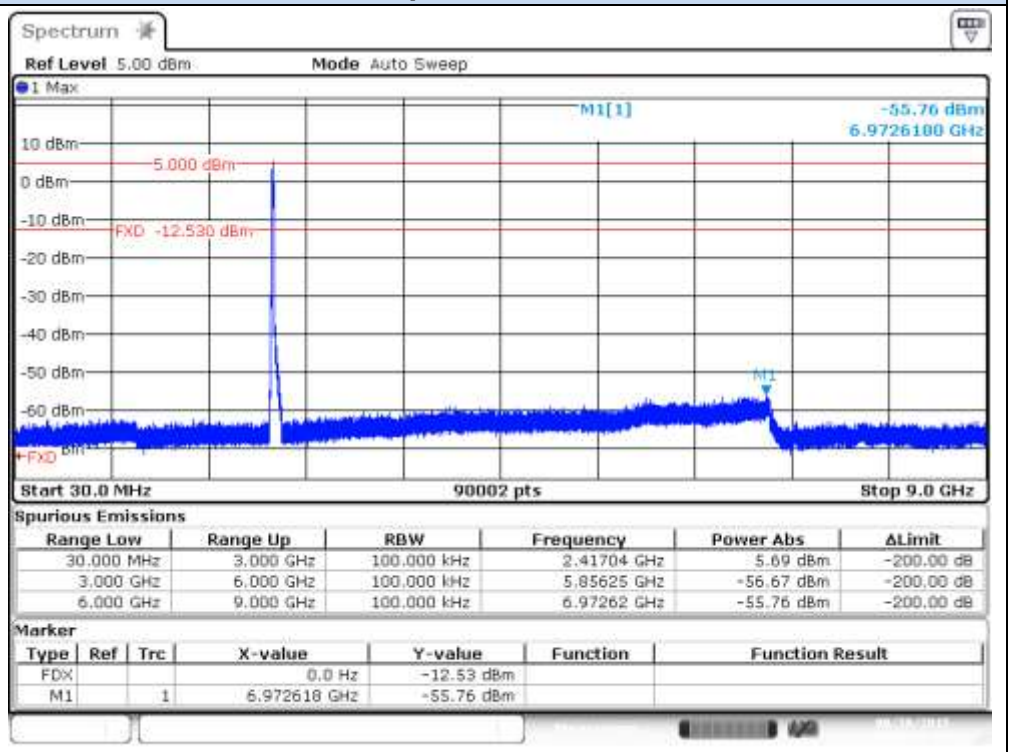
802.11n20, HT0 (SISO) – Chain B, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

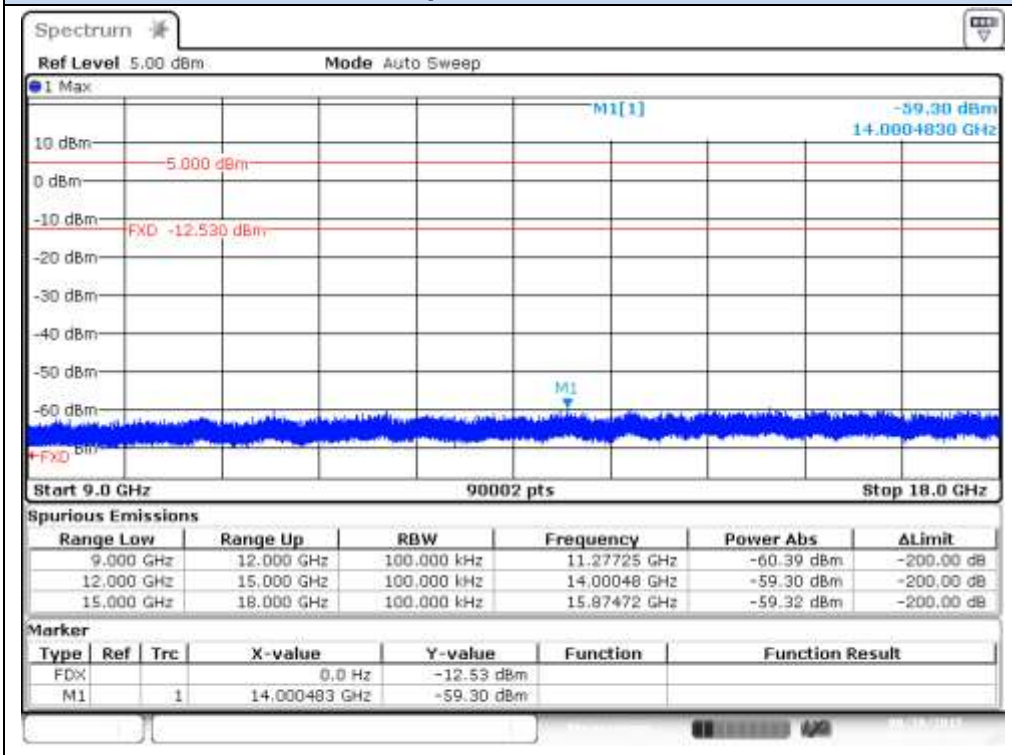
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41704 GHz	5.69 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.85625 GHz	-56.67 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.97262 GHz	-55.76 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.53 dBm		
M1		1	6.972618 GHz	-55.76 dBm		

Date: 28.AUG.2015 11:10:35

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.27725 GHz	-60.39 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.00048 GHz	-59.30 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	15.87472 GHz	-59.32 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.53 dBm		
M1		1	14.000483 GHz	-59.30 dBm		

Date: 28.AUG.2015 11:11:24

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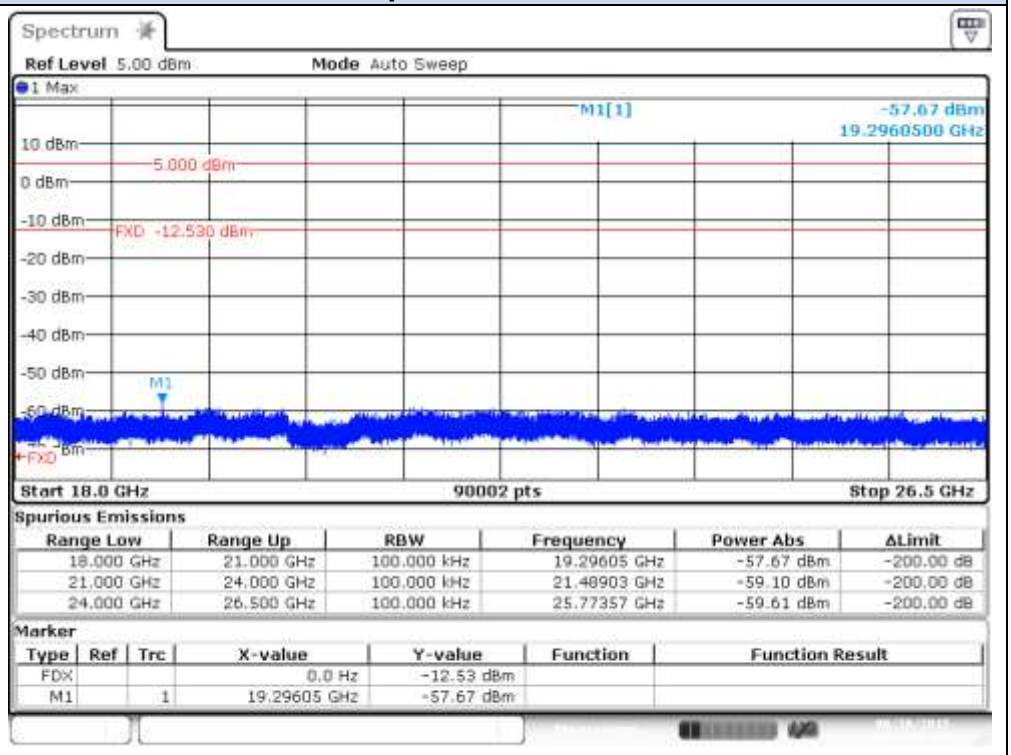
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.29605 GHz	-57.67 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.48903 GHz	-59.10 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	25.77357 GHz	-59.61 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.53 dBm		
M1		1	19.29605 GHz	-57.67 dBm		

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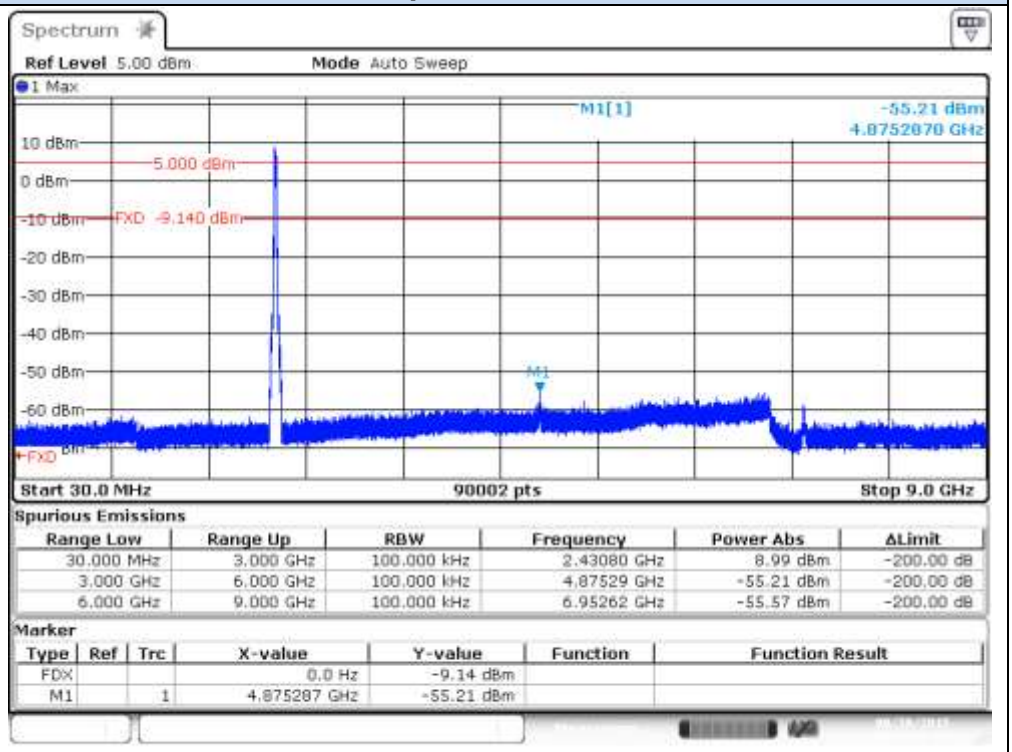
802.11n20, HT0 (SISO) – Chain B, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

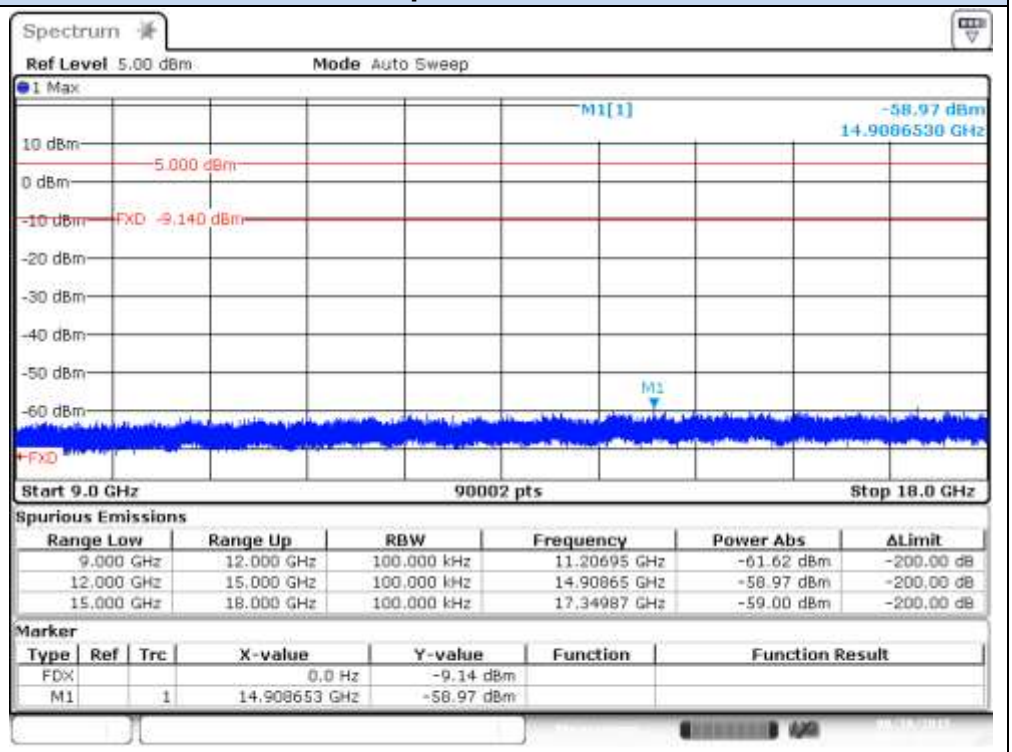
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43080 GHz	8.99 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	4.87529 GHz	-55.21 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.95262 GHz	-55.57 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.14 dBm		
M1		1	4.875287 GHz	-55.21 dBm		

Date: 28.AUG.2015 11:13:10

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.20695 GHz	-61.62 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.90865 GHz	-58.97 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	17.34987 GHz	-59.00 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.14 dBm		
M1		1	14.908653 GHz	-58.97 dBm		

Date: 28.AUG.2015 11:13:47

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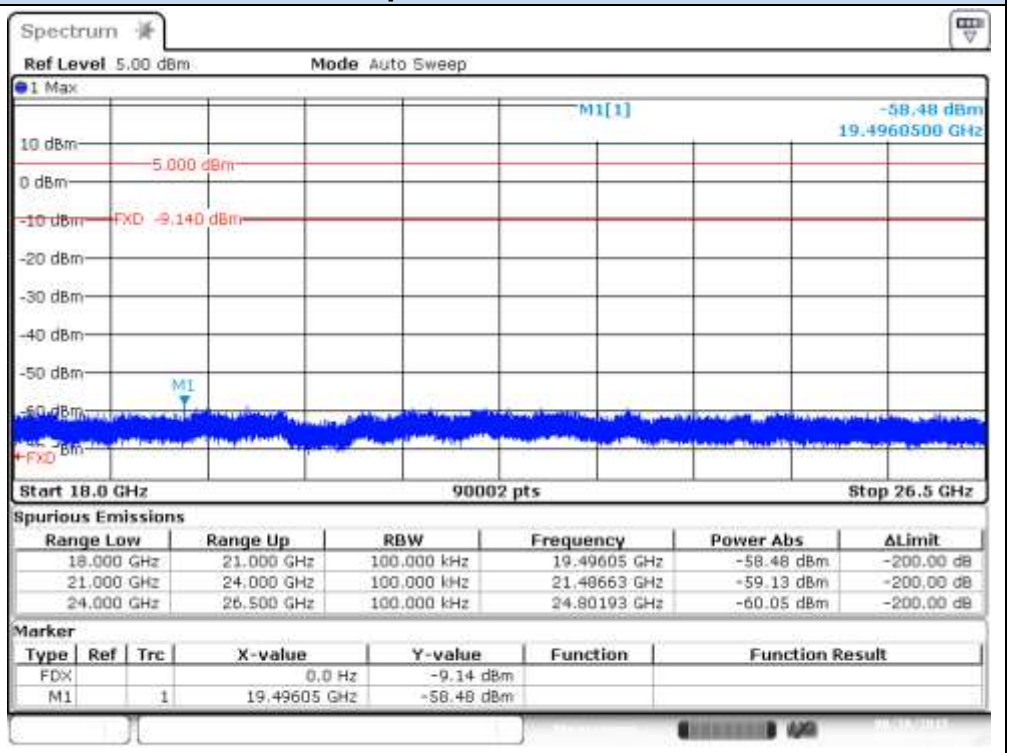
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.49605 GHz	-58.48 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.48663 GHz	-59.13 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.80193 GHz	-60.05 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-9.14 dBm		
M1		1	19.49605 GHz	-58.48 dBm		

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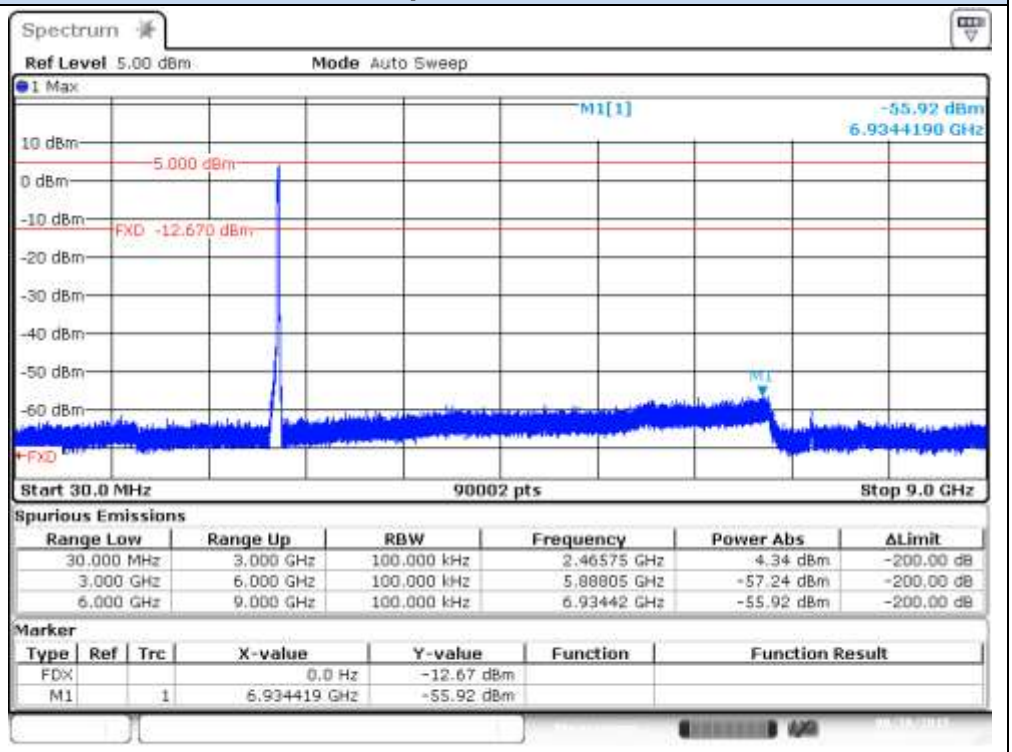
802.11n20, HT0 (SISO) – Chain B, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.46575 GHz	4.34 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.88805 GHz	-57.24 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.93442 GHz	-55.92 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.67 dBm		
M1		1	6.934419 GHz	-55.92 dBm		

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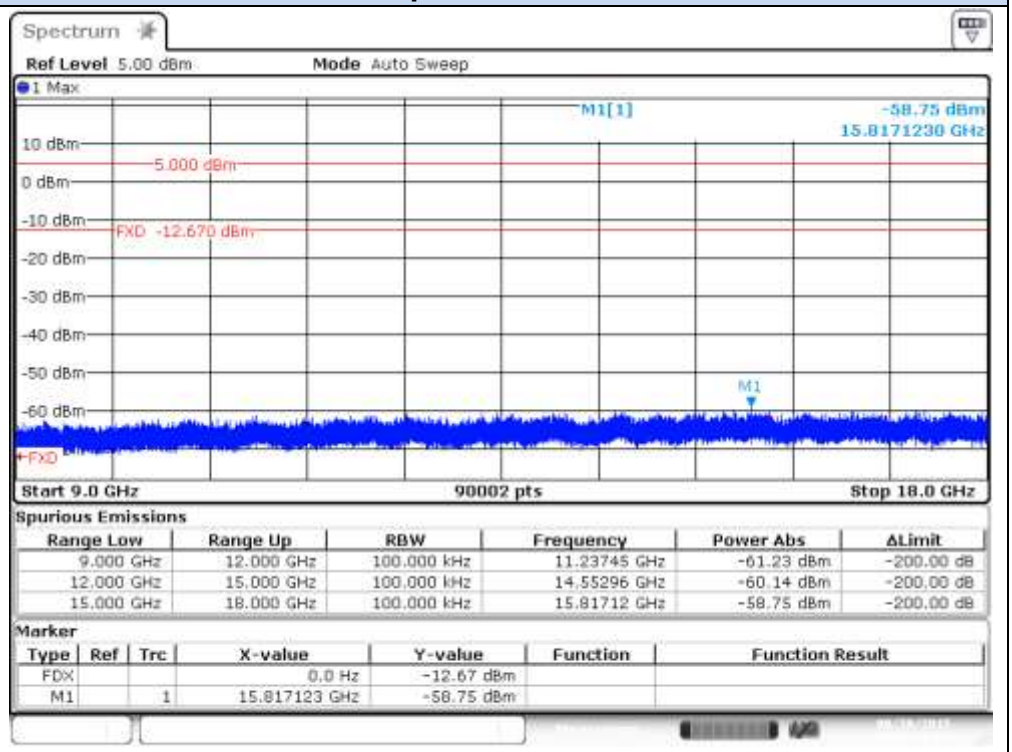
Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.23745 GHz	-61.23 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.55296 GHz	-60.14 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	15.81712 GHz	-58.75 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.67 dBm		
M1		1	15.817123 GHz	-58.75 dBm		

Date: 28.AUG.2015 11:16:14

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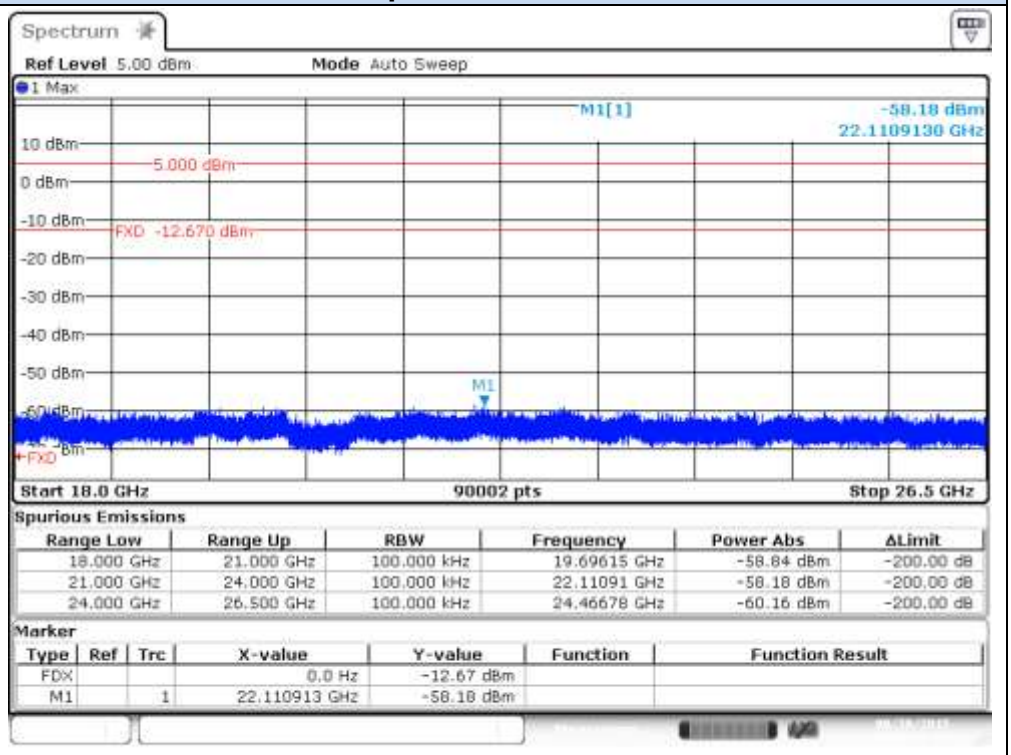
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.69615 GHz	-58.84 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.11091 GHz	-58.18 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.46678 GHz	-60.16 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.67 dBm		
M1		1	22.110913 GHz	-58.18 dBm		

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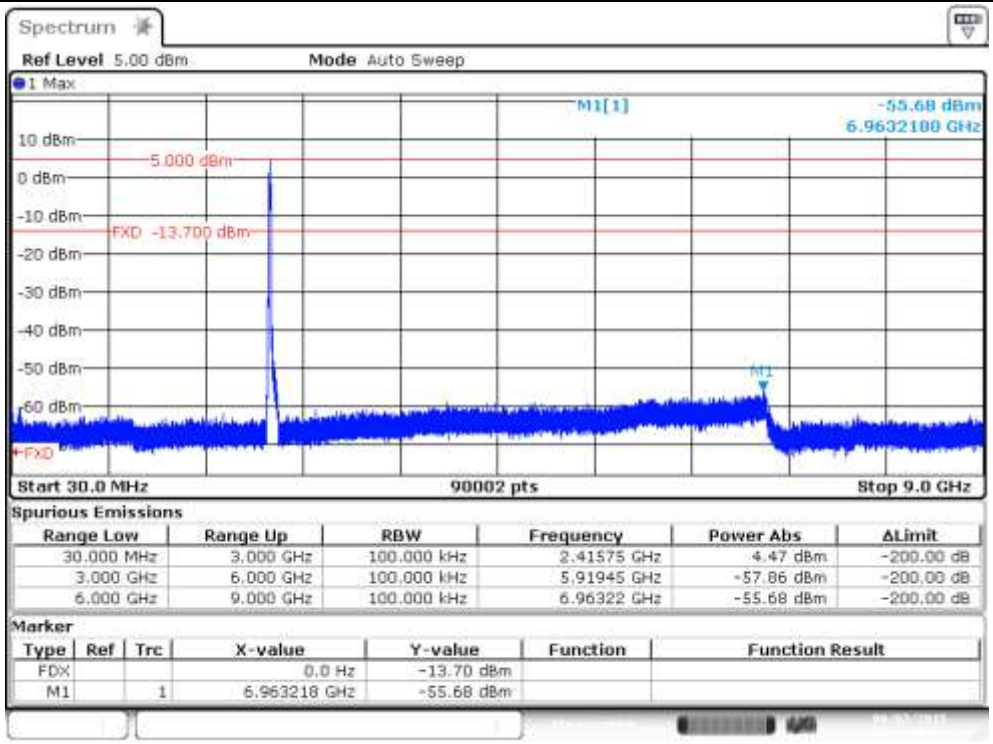
802.11n20, HT8 (MIMO) – Chain A, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

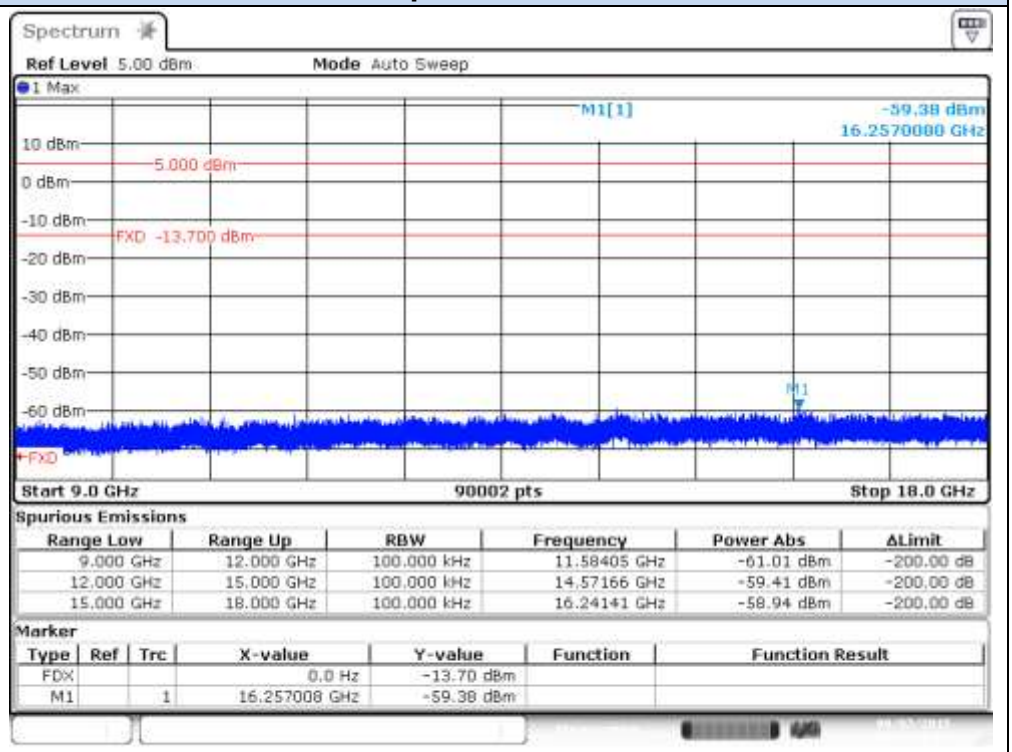
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41575 GHz	4.47 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.91945 GHz	-57.86 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.96322 GHz	-55.68 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.70 dBm		
M1		1	6.963218 GHz	-55.68 dBm		

Date: 7.SEP.2015 18:13:00

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.58405 GHz	-61.01 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.57166 GHz	-59.41 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.24141 GHz	-58.94 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.70 dBm		
M1		1	16.257008 GHz	-59.38 dBm		

Date: 7.SEP.2015 18:13:50

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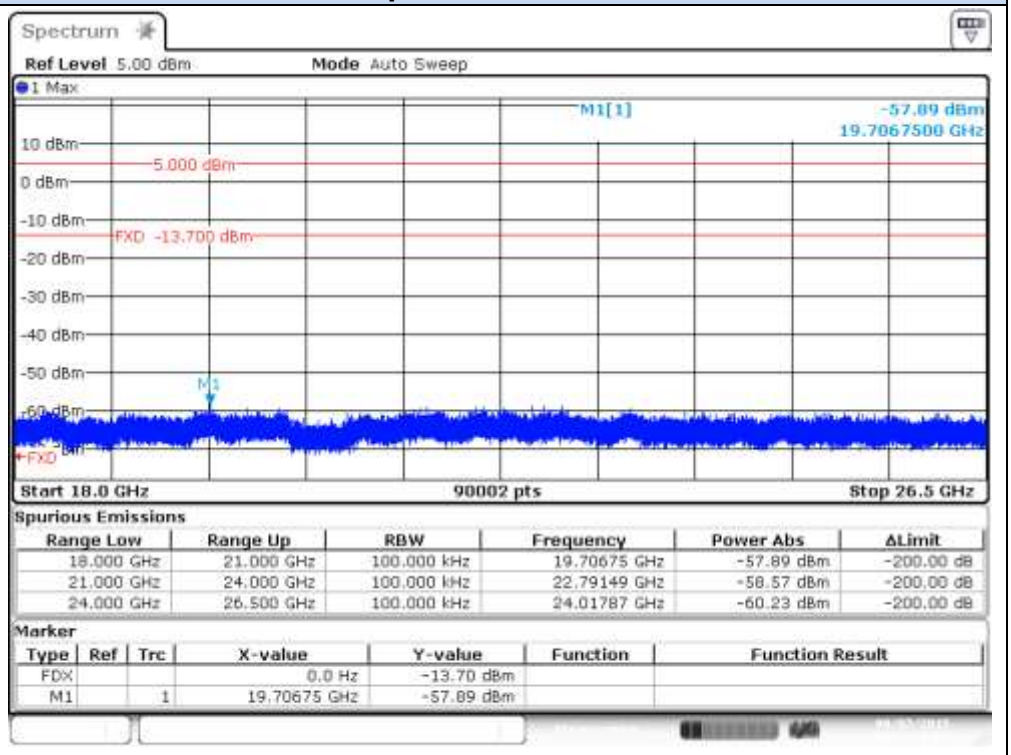
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.70675 GHz	-57.89 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.79149 GHz	-58.57 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.01787 GHz	-60.23 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.70 dBm		
M1		1	19.70675 GHz	-57.89 dBm		

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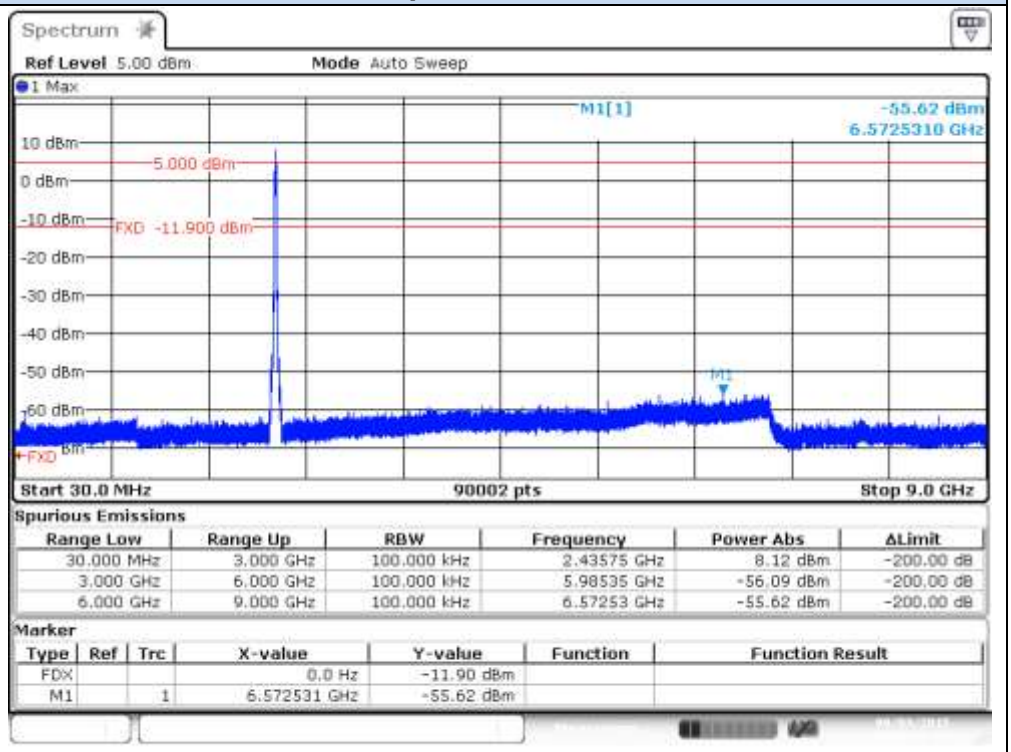
802.11n20, HT8 (MIMO) – Chain A, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

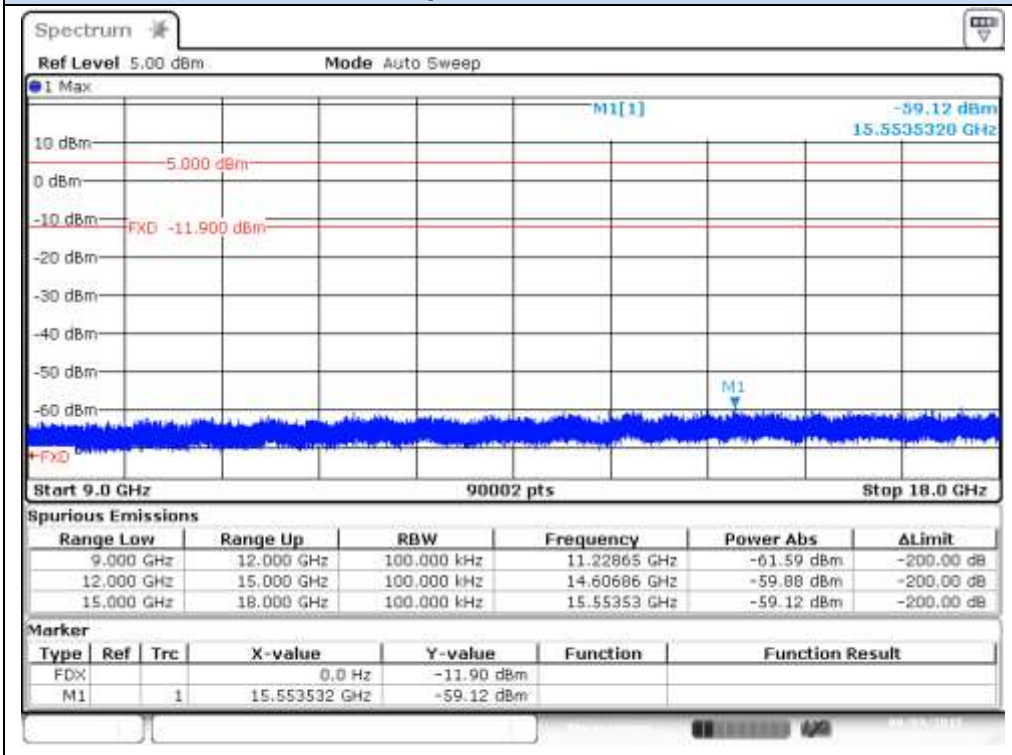
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43575 GHz	8.12 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.98535 GHz	-56.09 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.57253 GHz	-55.62 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.90 dBm		
M1		1	6.572531 GHz	-55.62 dBm		

Date: 3.SEP.2015 11:34:15

Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.22865 GHz	-61.59 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.60686 GHz	-59.88 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	15.55353 GHz	-59.12 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.90 dBm		
M1		1	15.553532 GHz	-59.12 dBm		

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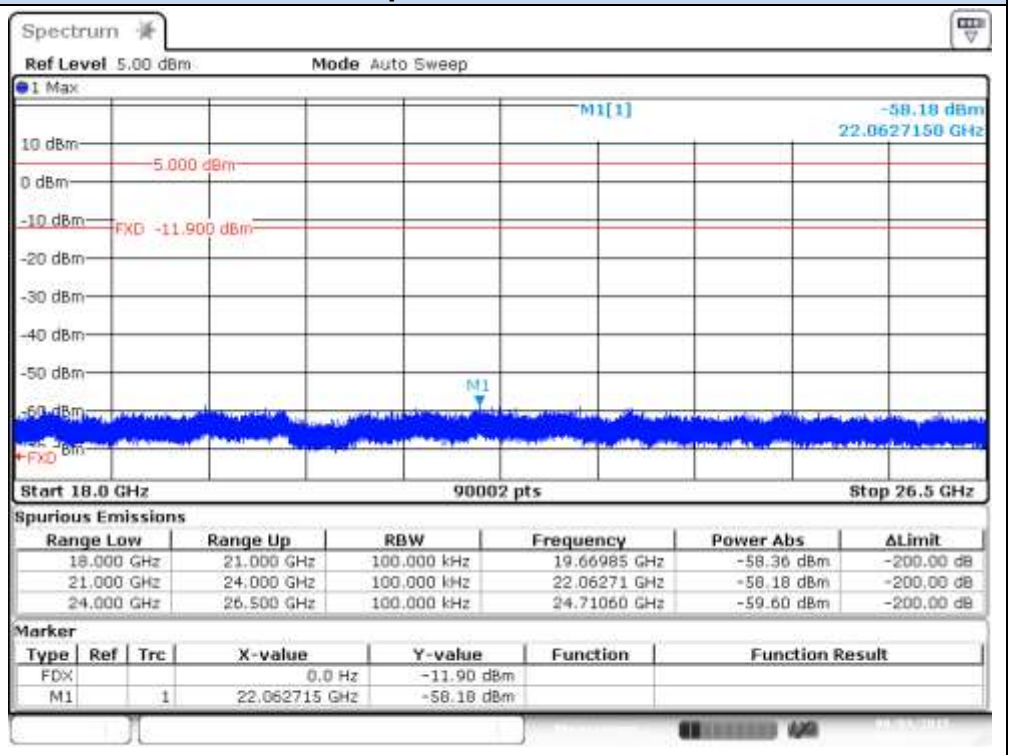
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.66985 GHz	-58.36 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	22.06271 GHz	-58.18 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.71060 GHz	-59.60 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.90 dBm		
M1		1	22.062715 GHz	-58.18 dBm		

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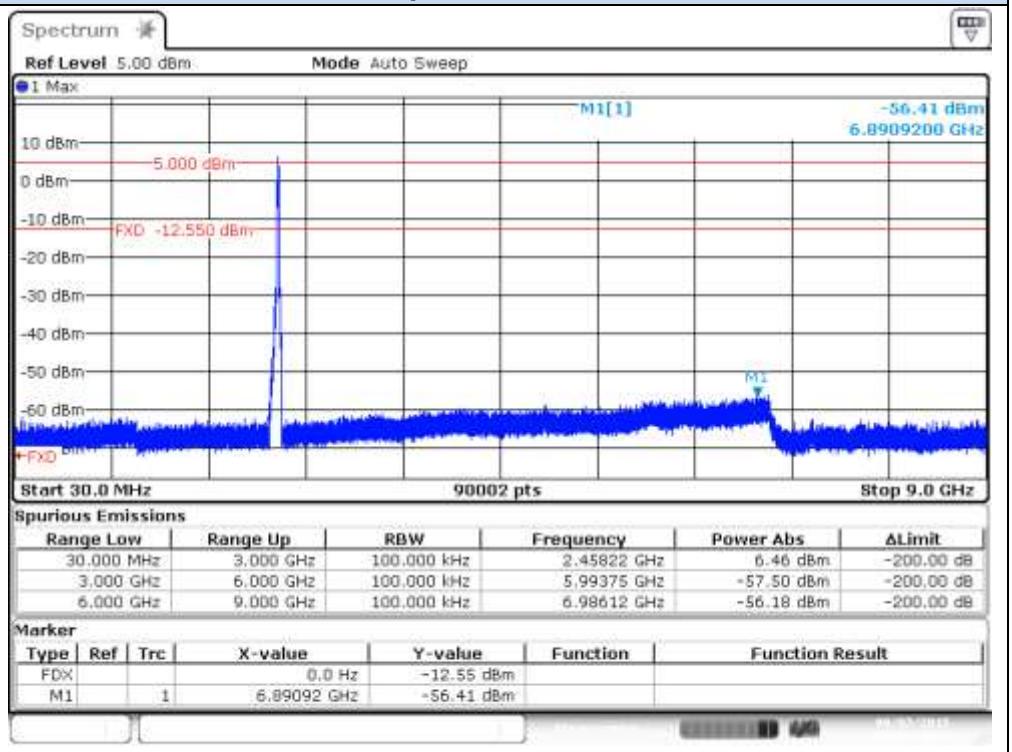
802.11n20, HT8 (MIMO) – Chain A, CH11

Cond Spur, 30MHz – 9GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.45822 GHz	6.46 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.99375 GHz	-57.50 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.98612 GHz	-56.18 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.55 dBm		
M1		1	6.89092 GHz	-56.41 dBm		

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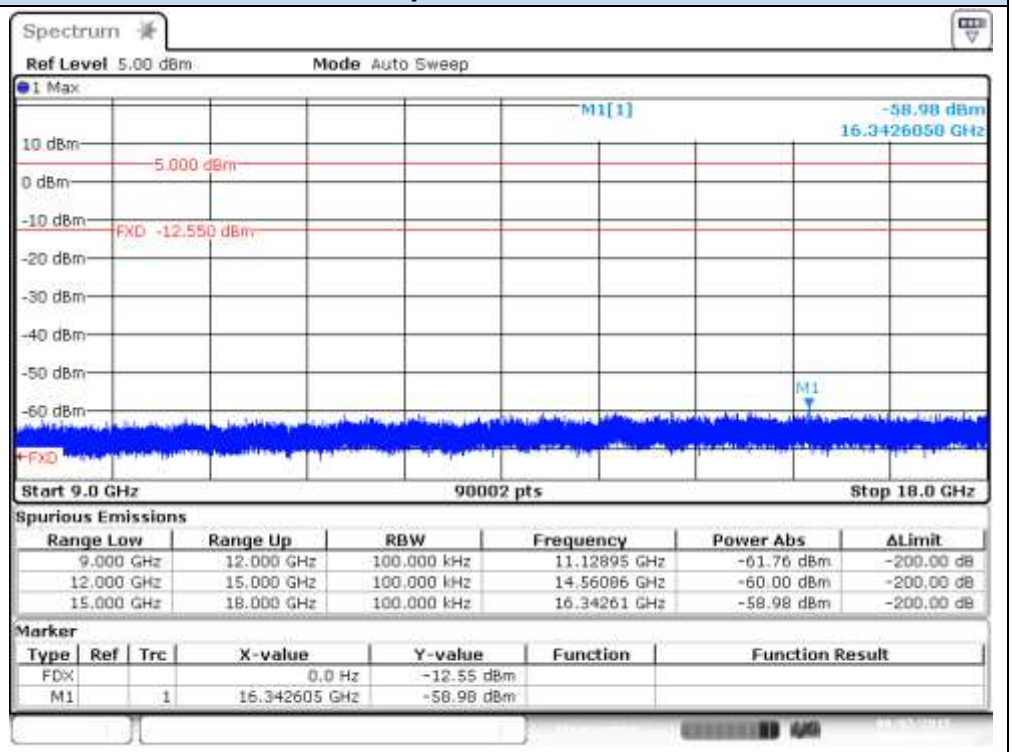
Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.12895 GHz	-61.76 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.56086 GHz	-60.00 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.34261 GHz	-58.98 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.55 dBm		
M1		1	16.342605 GHz	-58.98 dBm		

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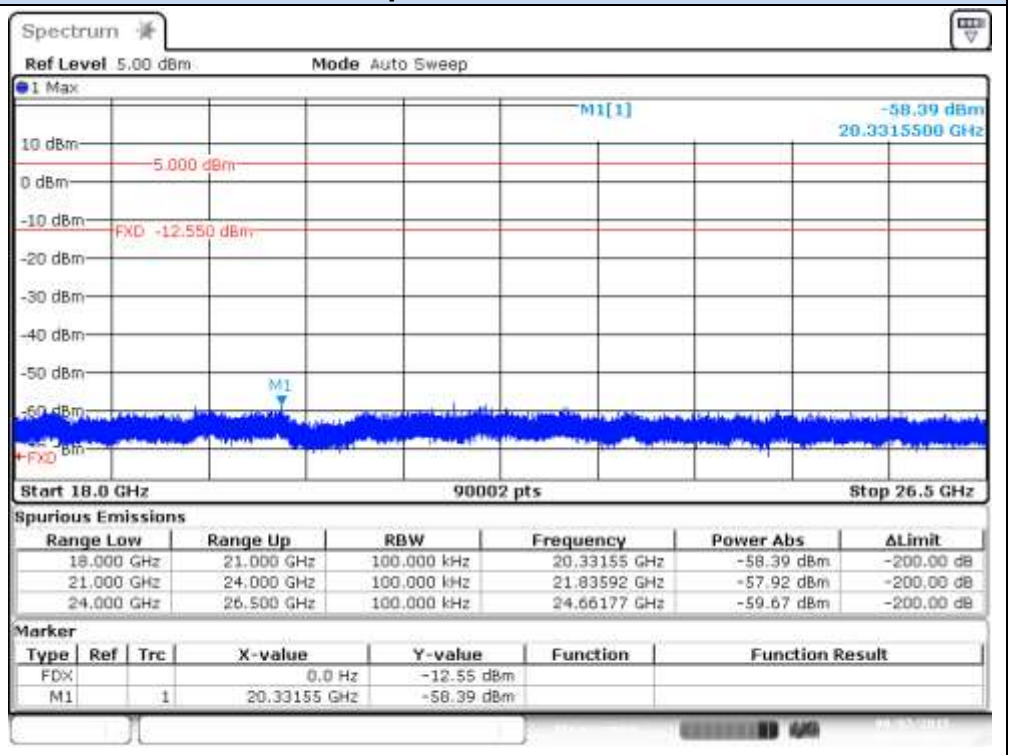
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	20.33155 GHz	-58.39 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.83592 GHz	-57.92 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.66177 GHz	-59.67 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-12.55 dBm		
M1		1	20.33155 GHz	-58.39 dBm		

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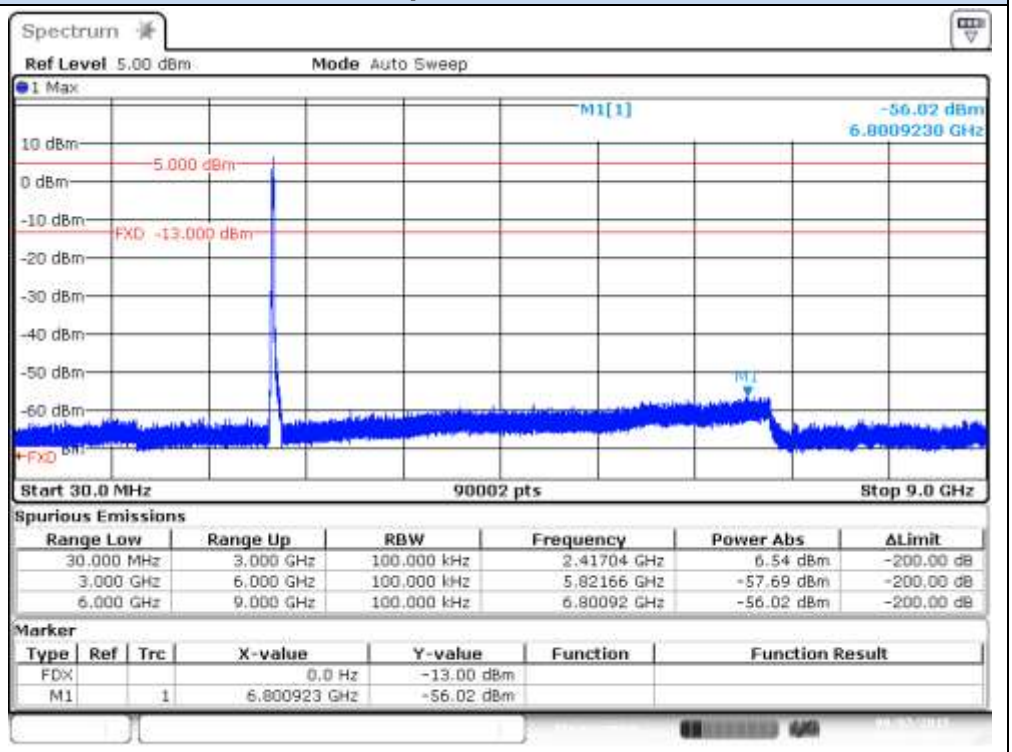
802.11n20, HT8 (MIMO) – Chain B, CH1

Cond Spur, 30MHz – 9GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.41704 GHz	6.54 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.82166 GHz	-57.69 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.80092 GHz	-56.02 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.00 dBm		
M1		1	6.800923 GHz	-56.02 dBm		

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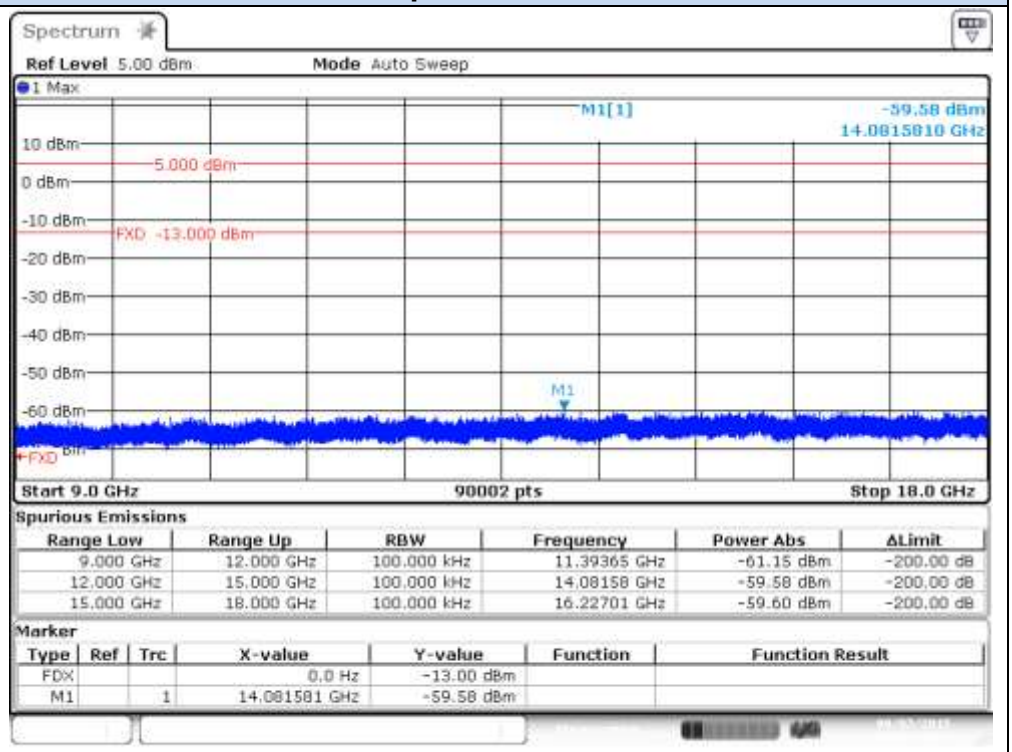
Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.39365 GHz	-61.15 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.08158 GHz	-59.58 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.22701 GHz	-59.60 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.00 dBm		
M1		1	14.081581 GHz	-59.58 dBm		

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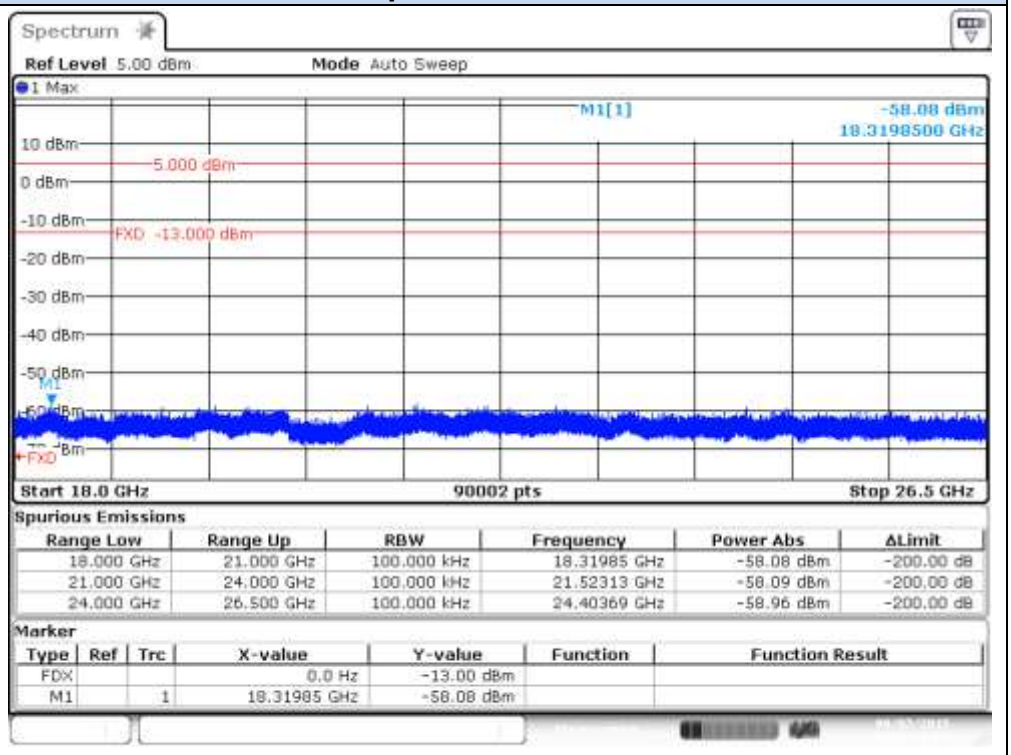
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	18.31985 GHz	-58.08 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.52313 GHz	-58.09 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.40369 GHz	-58.96 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-13.00 dBm		
M1		1	18.31985 GHz	-58.08 dBm		

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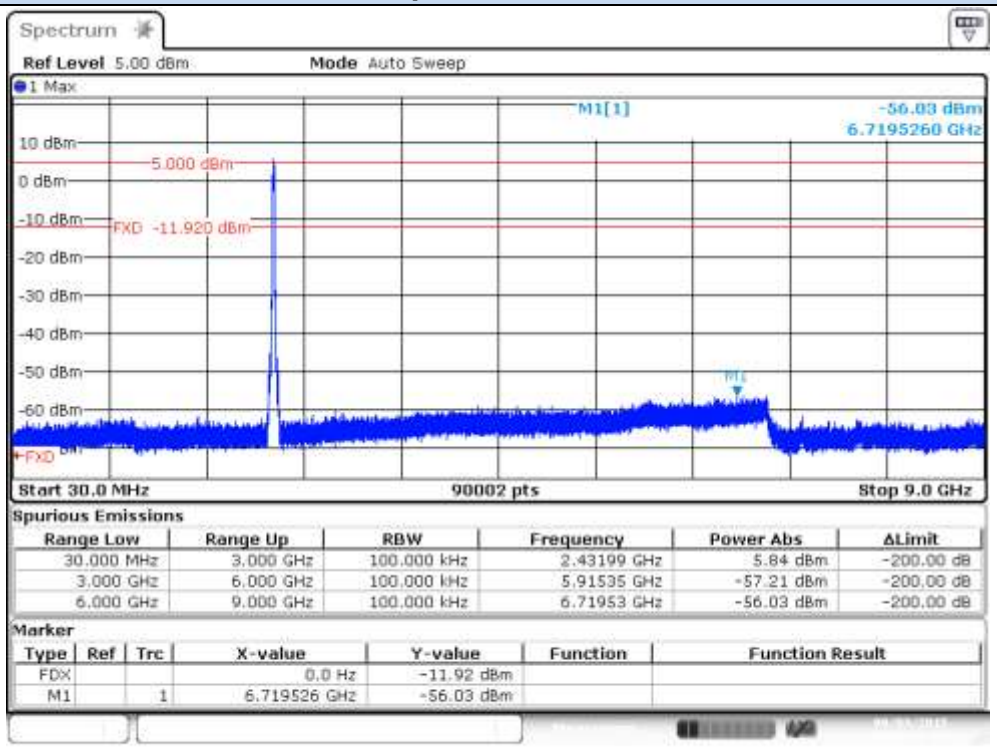
802.11n20, HT8 (MIMO) – Chain B, CH6

Cond Spur, 30MHz – 9GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	3.000 GHz	100.000 kHz	2.43199 GHz	5.84 dBm	-200.00 dB
3.000 GHz	6.000 GHz	100.000 kHz	5.91535 GHz	-57.21 dBm	-200.00 dB
6.000 GHz	9.000 GHz	100.000 kHz	6.71953 GHz	-56.03 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.92 dBm		
M1		1	6.719526 GHz	-56.03 dBm		

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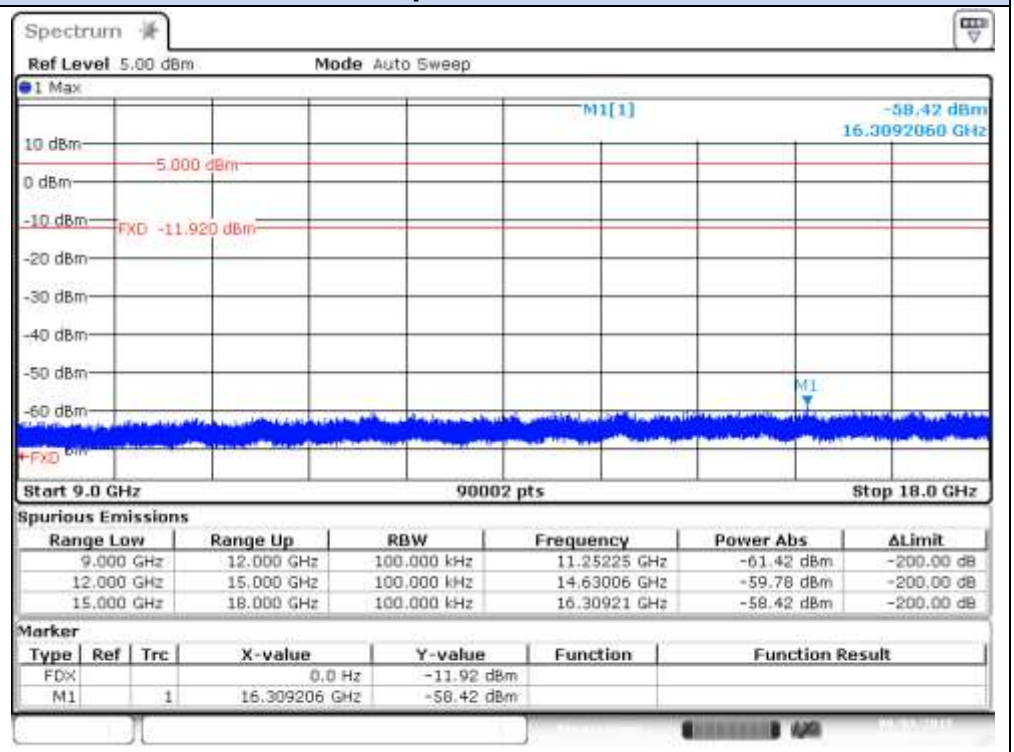
Cond Spur, 9GHz – 18GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
9.000 GHz	12.000 GHz	100.000 kHz	11.25225 GHz	-61.42 dBm	-200.00 dB
12.000 GHz	15.000 GHz	100.000 kHz	14.63006 GHz	-59.78 dBm	-200.00 dB
15.000 GHz	18.000 GHz	100.000 kHz	16.30921 GHz	-58.42 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.92 dBm		
M1		1	16.309206 GHz	-58.42 dBm		

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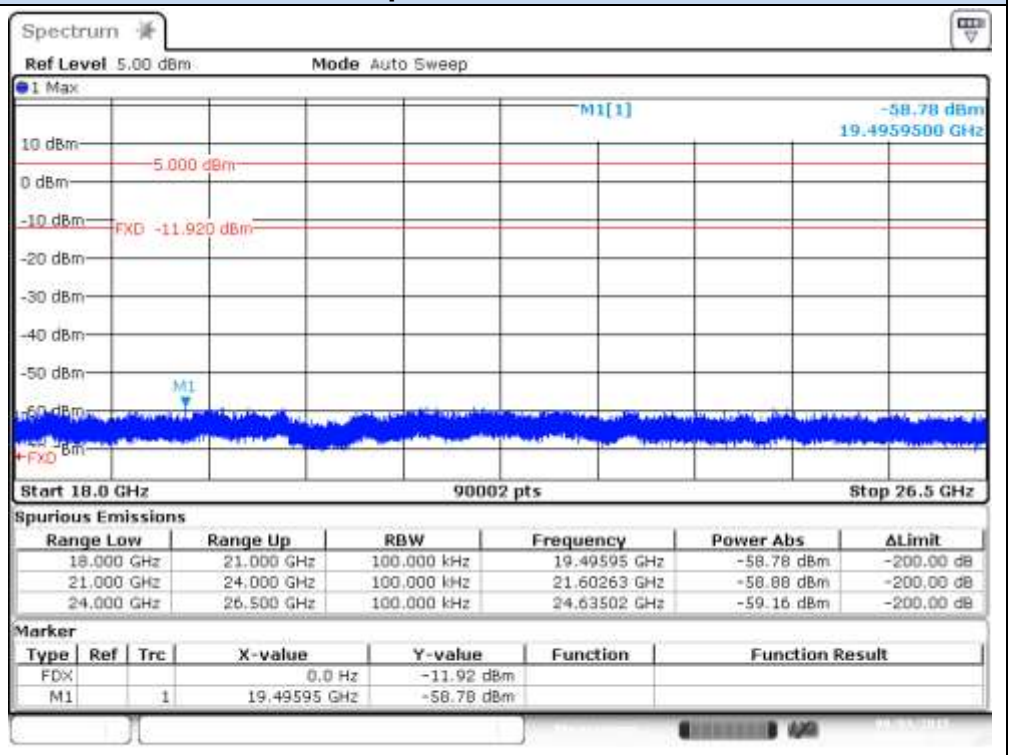
Cond Spur, 18GHz – 26.5GHz



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
18.000 GHz	21.000 GHz	100.000 kHz	19.49595 GHz	-58.78 dBm	-200.00 dB
21.000 GHz	24.000 GHz	100.000 kHz	21.60263 GHz	-58.88 dBm	-200.00 dB
24.000 GHz	26.500 GHz	100.000 kHz	24.63502 GHz	-59.16 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
FDX			0.0 Hz	-11.92 dBm		
M1		1	19.49595 GHz	-58.78 dBm		

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