Report No. 324798-7

Test Report

Product	WiFi Cordless Phone with DECT and NFC
Name and address of the applicant	Ascom (Sweden) AB Grimbodalen 2, Gothenburg SWEDEN
Name and address of the manufacturer	Same as above
Model	SH1-ABBA SH1-ABBB
Rating	3.8V DC (Secondary Battery)
Trademark	ASCOM
Serial number	T2610621YR T2610621YP
Additional information	802.11a/b/g/n, DECT 6.0, NFC
Tested according to	**FCC Part 15.407** Unlicensed National Information Infrastructure Devices (U-NII) **Industry Canada RSS-247, Issue 2** Licence-Exempt Local Area Network (LE-LAN) Devices
Order number	324798
Tested in period	2017.02.01 to 2017.02.21 and 2017.03.21 to 2017.03.24 and 2017.06.02
Issue date	2017.06.07
Name and address of the testing laboratory	Instituttveien 6 Kjeller, Norway FCC No: 994405 IC OATS: 2040D-1 TEL: +47 22 96 03 30 FAX: +47 22 96 05 50

Prepared by [Frode Sveinsen]	Approved by [G.Suhanthakumar]

Nemko Norway
Nemko AS, Instituttveien 6, P.O. Box 96 Kjeller, 2027 Kjeller, Norway
TEL +47 22 96 03 30 FAX +47 22 96 05 50 EMAIL info@nemko.com
ENTERPRISE NUMBER NO974404532

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1 INFORMATION

1.1 Test Item

Name :	Ascom
Model :	BXZSH1B2
FCC ID :	3724B-SH1B2
Industry Canada ID :	SH1-ABBA SH1-ABBB
Serial number :	Radiated sample: T2610621YR Conducted sample: T2610621YP
Hardware version:	SH1-903584
Software version :	SW000639/8.0.0
Frequency Ranges :	U-NII 1 : 5180 – 5240 MHz: 4 channels U-NII 2A : 5260 – 5320 MHz: 4 channels U-NII 2C : 5500 – 5700 MHz: 12 channels U-NII 3 : 5745 – 5825 MHz: 5 channels Note: 5600 – 5650 MHz is not used
Operating Modes :	802.11a 802.11n (20 MHz BW only)
Type of Modulation :	Digital (OFDM - Orthogonal frequency-division multiplexing)
Conducted Output Power :	5180 – 5240 MHz (802.11a) 43 mW 5180 – 5240 MHz (802.11n) 42 mW 5260 – 5320 MHz (802.11a) 37 mW 5260 – 5320 MHz (802.11n) 38 mW 5500 – 5700 MHz (802.11a) 35 mW 5500 – 5700 MHz (802.11n) 35 mW 5745 – 5825 MHz (802.11a) 40 mW 5745 – 5825 MHz (802.11n) 42 mW
Antenna Connector :	None
Number of Antennas :	1
Antenna Diversity Supported :	No
Smart Antennas Supported :	No
DFS/TPC :	Slave Device
Power Supply :	Secondary Battery (3.8V Li-Ion)
Interfaces :	USB

Description of Test Item

The EUT is a Cordless Smartphone with DECT, WLAN and NFC.
Only 20 MHz (HT20) mode is supported for either 2.4GHz or 5GHz WLAN.

1.3 Normal test conditions

Temperature:	**20 - 24 °C**
Relative humidity:	**20 - 50 %**
Normal test voltage:	**3.8 V DC**

All radiated measurements were performed with the EUT powered by a fully charged battery. Antenna conducted tests were performed with the EUT powered from a regulated power supply.

The values are the limit registered during the test period.

1.4 Test Engineer(s)

Frode Sveinsen

1.5 Description of modification for Modification Filing

Not applicable.

1.6 Family List Rational

Not Applicable.

1.7 Antenna Requirement

Is the antenna detachable? ☐ Yes ☒ No

If detachable, is the antenna connector non-standard? ☐ Yes ☐ No

Type of antenna connector: N/A

Ref. FCC §15.203

1.8 Worst-Case Configuration and Mode

Radiated Emissions and Power Line Conducted Emissions were performed with the EUT set to transmit at the channel with the highest output power as worst-case scenario.

The worst case data rates were:

802.11a mode: 6 Mbps
802.11n HT20 mode: MCS0

1.9 Comments

The tested handset is a WiFi Client Device.

1.10 EUT Operating Modes

Description of operating modes	Additional information
Continuous TX, 5 GHz Mode	Continuous traffic, WLAN 5GHz with Special software version

2 TEST REPORT SUMMARY

2.1 General

All measurements are tracable to national standards.

The tests were conducted for demonstrating compliance with FCC CFR 47 Part 15, paragraph 15.407 and ISED RSS-247 Issue 2.

Tests were performed in accordance with ANSI C63.4-2014 and ANSI C63.10-2013, and with the latest versions of KDB 789033.

EIRP was calculated from field strength measurements using the method in KDB 412172 D01 whenever applicable.

Radiated tests were performed in a semi-anechoic chamber at measuring distances of 1m, 3m and 10m.

A description of the test facility is on file with the FCC and ISED.

☒ New Submission	☒ Production Unit
☐ Class II Permissive Change	☐ Pre-production Unit
NII Equipment Code	☐ Family Listing

THIS TEST REPORT APPLIES ONLY TO THE ITEM(S) AND CONFIGURATIONS TESTED.

Deviations from, additions to, or exclusions from the test specifications are described in “Summary of Test Data”.

2.2 Test Summary

Name of test	FCC Part 15 reference	RSS-247 Issue 2, RSS-GEN Issue 4 reference	Result
Supply Voltage Variations	15.31(e)	6.11 (RSS-GEN)	Complies
Antenna Requirement	15.203	8.3 (RSS-GEN)	Complies
Power Line Conducted Emission	15.107(a) 15.207(a)	8.8 (RSS-GEN)	Complies
Maximum Output Power	15.407(a)	6.2	Complies
Power Spectral Density	15.407(a)	6.2	Complies
Unwanted Emissions	15.407(b)	6.2	Complies
Discontinuation of Transmission	15.407(c)	6.3	N/T[1]
Frequency Stability	15.407(g)	N/A	Complies
Transmit Power Control	15.407(h)	6.2.3	N/A[2]
Radiated Emissions	15.205 15.209	8.9 (RSS-GEN)	Complies

[1] See manufacturers declaration

[2] Not applicable for EUT with EIRP less than 500 mW

Dynamic Frequency Selection

Name of test	FCC Part 15 reference	RSS-247, Issue 2 reference	Result
Non-Occupancy Period	15.407(h)	6.3	Complies
DFS Detection Threshold	15.407(h)	6.3	N/A[3]
Channel Availability Check Time	15.407(h)	6.3	N/A[3]
U-NII Detection Bandwidth	15.407(h)	6.3	N/A[3]
Channel Closing Transmission Time	15.407(h)	6.3	Complies
Channel Move Time	15.407(h)	6.3	Complies

[3] The EUT is a Client Device and does not have radar detection, only Channel Move Time, Channel Closing time and Non-Occupancy Period are applicable.

3 TEST RESULTS

3.1 Power Line Conducted Emissions

FCC 15.207 (a)
ISED RSS-GEN, Issue 4, Clause 8.8
Measurement procedure: **ANSI C63.4-2014 using 50 µH/50 ohms LISN.**
Test Results: **Complies.**
Measurement Data: **See attached graph, (Peak detector).**

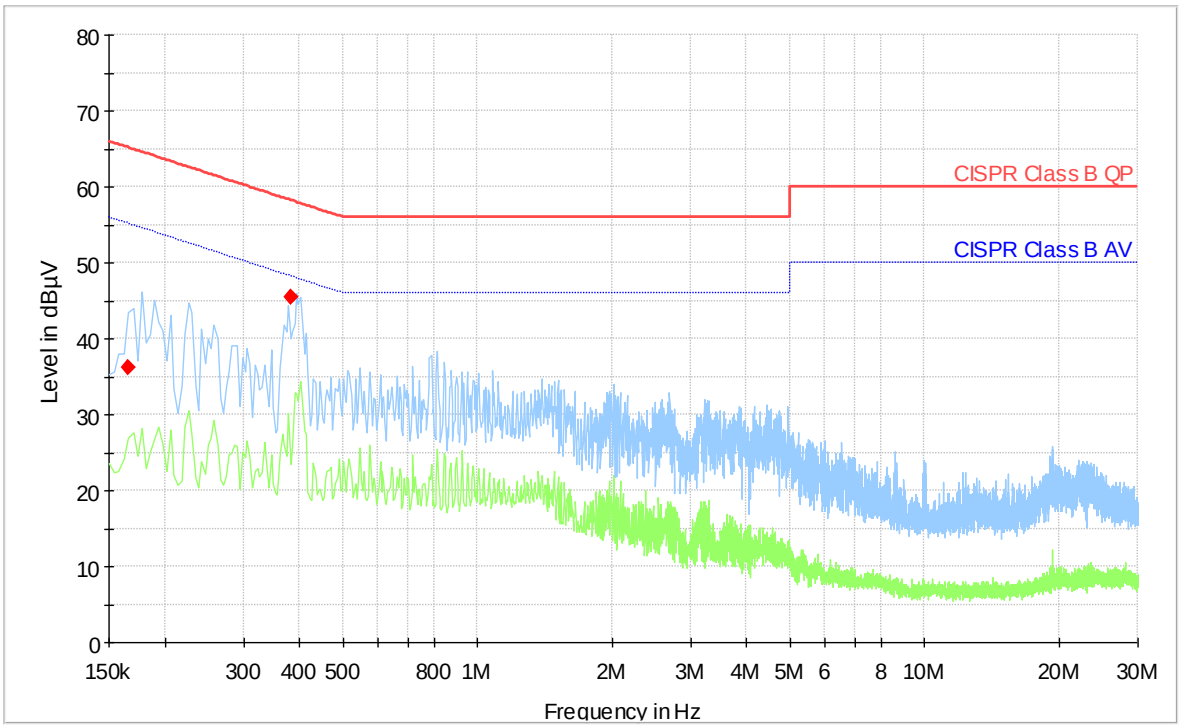
Highest measured value (L1 and N):
On-Hook Charging (120V 60Hz):

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.166	36.27	---	65.16	28.89	1000.0	9.000	L1	GND	10.1
0.384	45.40	---	58.19	12.79	1000.0	9.000	L1	GND	10.1

Off-Hook Charging (120V 60Hz):

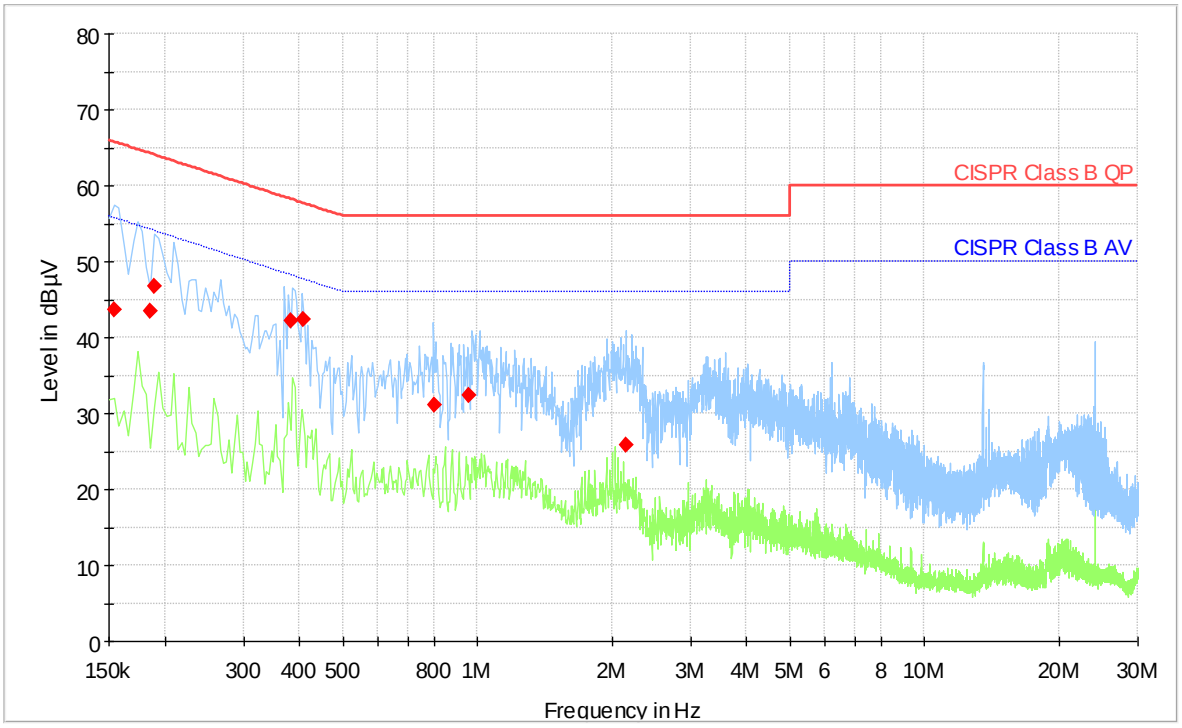
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.154	43.68	---	65.78	22.10	1000.0	9.000	L1	GND	10.1
0.186	43.46	---	64.21	20.76	1000.0	9.000	N	GND	10.1
0.190	46.70	---	64.04	17.33	1000.0	9.000	N	GND	10.1
0.384	42.16	---	58.19	16.04	1000.0	9.000	L1	GND	10.1
0.408	42.40	---	57.69	15.29	1000.0	9.000	L1	GND	10.1
0.804	31.08	---	56.00	24.92	1000.0	9.000	L1	GND	10.1
0.960	32.37	---	56.00	23.63	1000.0	9.000	L1	GND	10.1
2.152	25.80	---	56.00	30.20	1000.0	9.000	N	GND	10.1

Full Spectrum



On-Hook Charging (120V 60Hz)

Full Spectrum



Off-Hook Charging (120V 60Hz)

3.2 Maximum Conducted Output Power

FCC 15.407 (a)
ISED RSS-247, Issue 1, Clause 6.2
Test Results: Complies
Measurement Data:

Ch. No.	Nominal Frequency (MHz)	Maximum Conducted Output Power (dBm)	
		802.11a 6Mbps	802.11n MCS0
36	5180	16.3	16.2
40	5200	15.8	16.0
44	5220	15.8	15.9
48	5240	15.7	15.8
52	5260	15.6	15.8
56	5280	15.7	15.8
60	5300	15.7	15.8
64	5320	15.6	15.7
100	5500	15.4	15.4
112	5560	14.6	14.5
116	5580	14.9	15.1
128	5640	14.9	14.9
132	5660	15.3	15.3
140	5700	15.0	15.2
149	5745	15.9	15.9
157	5785	16.0	16.2
165	5825	15.4	15.4

Ch. No.	Nominal Frequency (MHz)	Maximum Radiated Output Power (dBm) (e.i.r.p)		Antenna Gain (dBi)	
		802.11a 6Mbps	802.11n MCS0	802.11a 6Mbps	802.11n MCS0
36	5180	10.4	11.1	-5.9	-5.1
48	5240	11.7	11.6	-4.0	-4.2
52	5260	12.5	12.7	-3.1	-3.1
64	5320	9.8	9.8	-5.8	-5.9
100	5500	10.3	8.5	-5.1	-6.9
116	5580	8.7	9.2	-6.2	-5.9
140	5700	7.4	7.2	-7.6	-8.0
149	5745	9.7	9.7	-6.2	-6.2
157	5785	7.2	7.7	-8.8	-8.5
165	5825	4.4	3.7	-11.0	-11.7

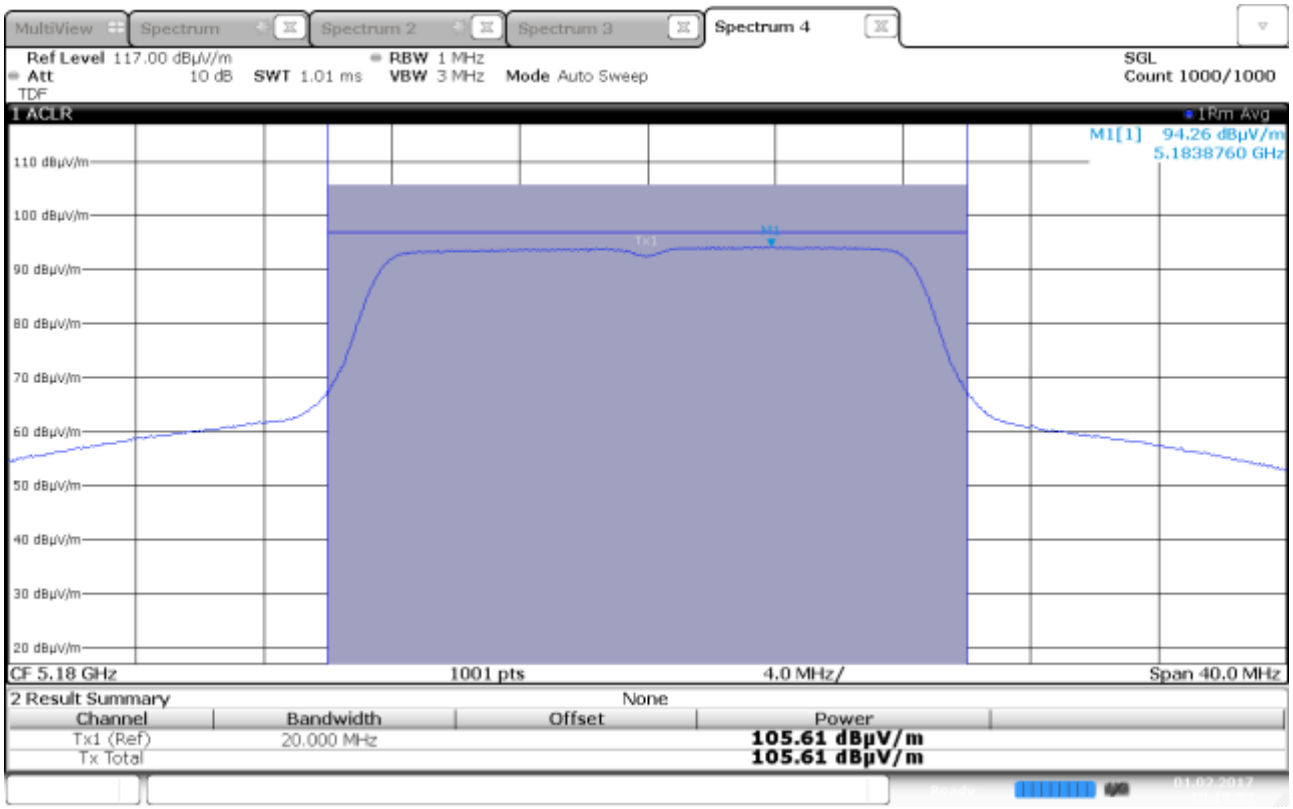
The EUT transmits continuously (duty cycle =100%).
Conducted Output Power was measured with an Average Power Meter.
Radiated Power was measured with a Spectrum Analyzer using method SA-1.
All radiated measurements were performed over a 20 MHz measurement bandwidth.
Radiated Power in dBm was calculated using the formula in KDB 412172 D01.
Antenna Gain is less than 6 dBi, no reduction in Output Power Limit is necessary.

Power limits:

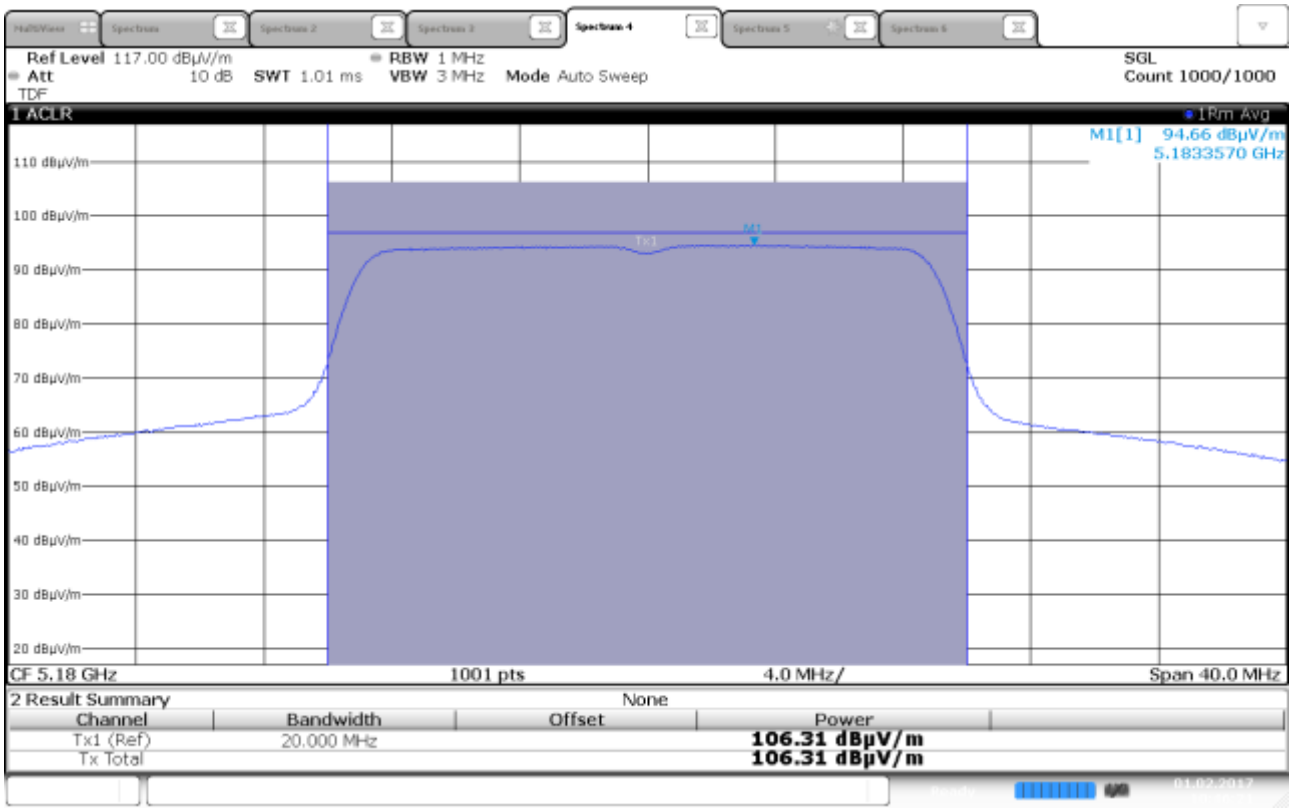
Frequency Band	Power limit	
5150 – 5250 MHz	**Less than the lesser of 50mW or 4 dBm + 10 log *B***	**16.9 dBm**
5250 – 5350 MHz	**Less than the lesser of 250 mW or 11 dBm + 10 log *B***	**23.9 dBm**
5470 – 5725 MHz		
5725 – 5825 MHz	**Less than the lesser of 1 Watt (30 dBm) or 17 dBm + 10 log *B***	**29.9 dBm**

B is the 26 dB emission bandwidth in MHz

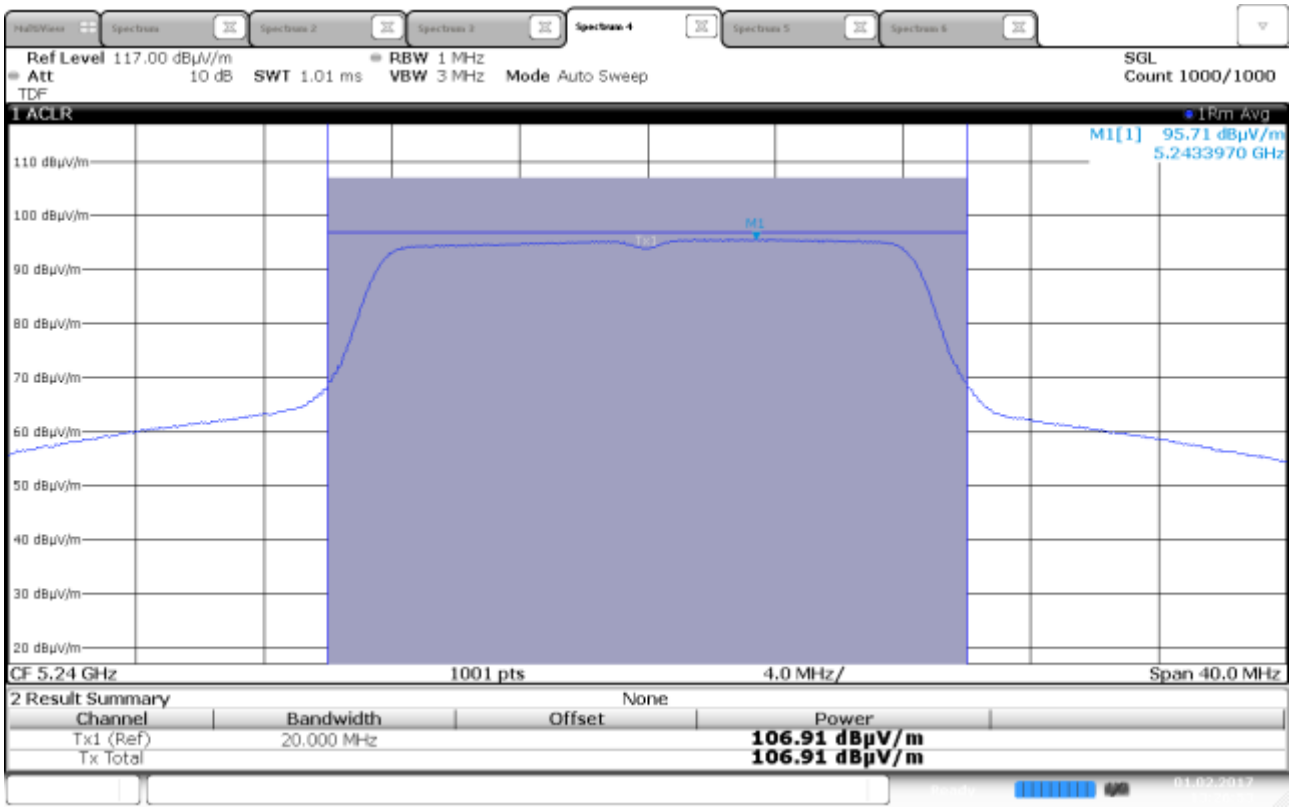
If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power from the intentional radiator shall be reduced below the stated value above by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



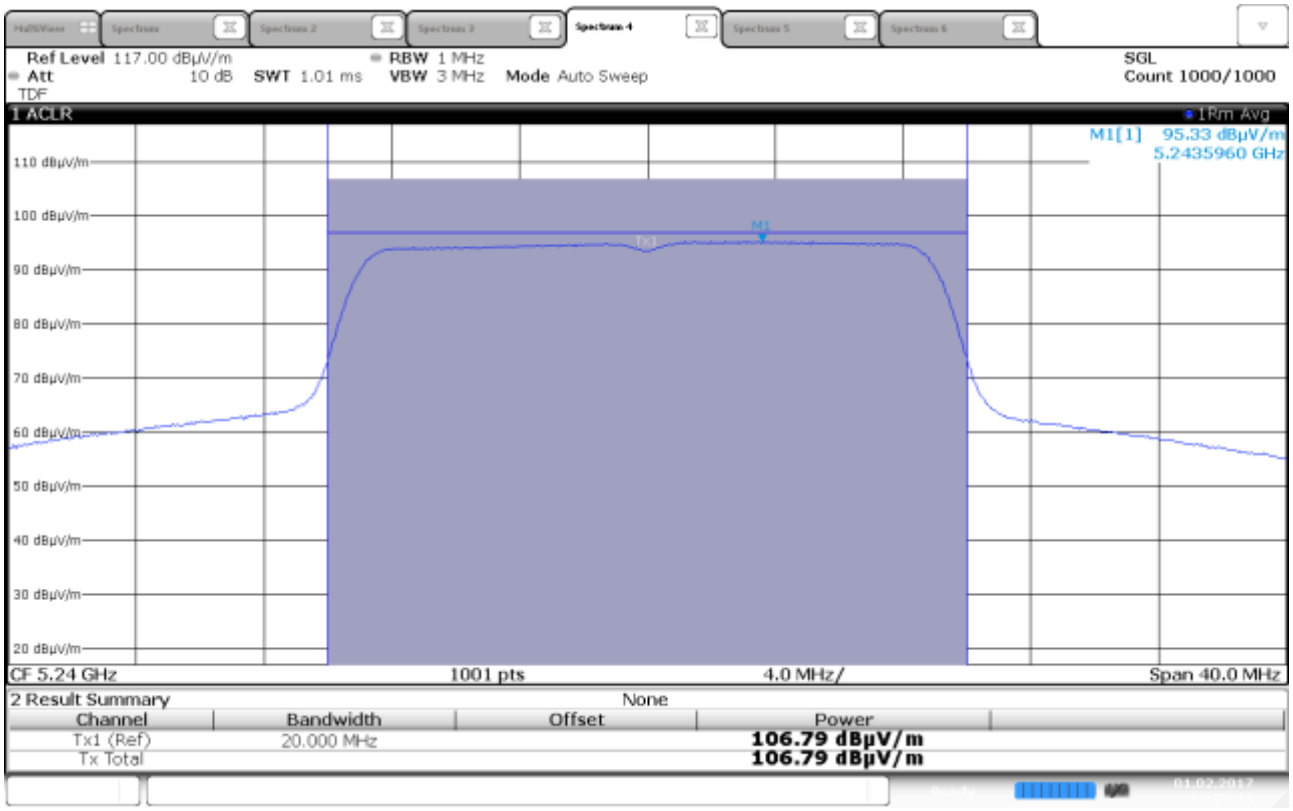
Output Power, 5180 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



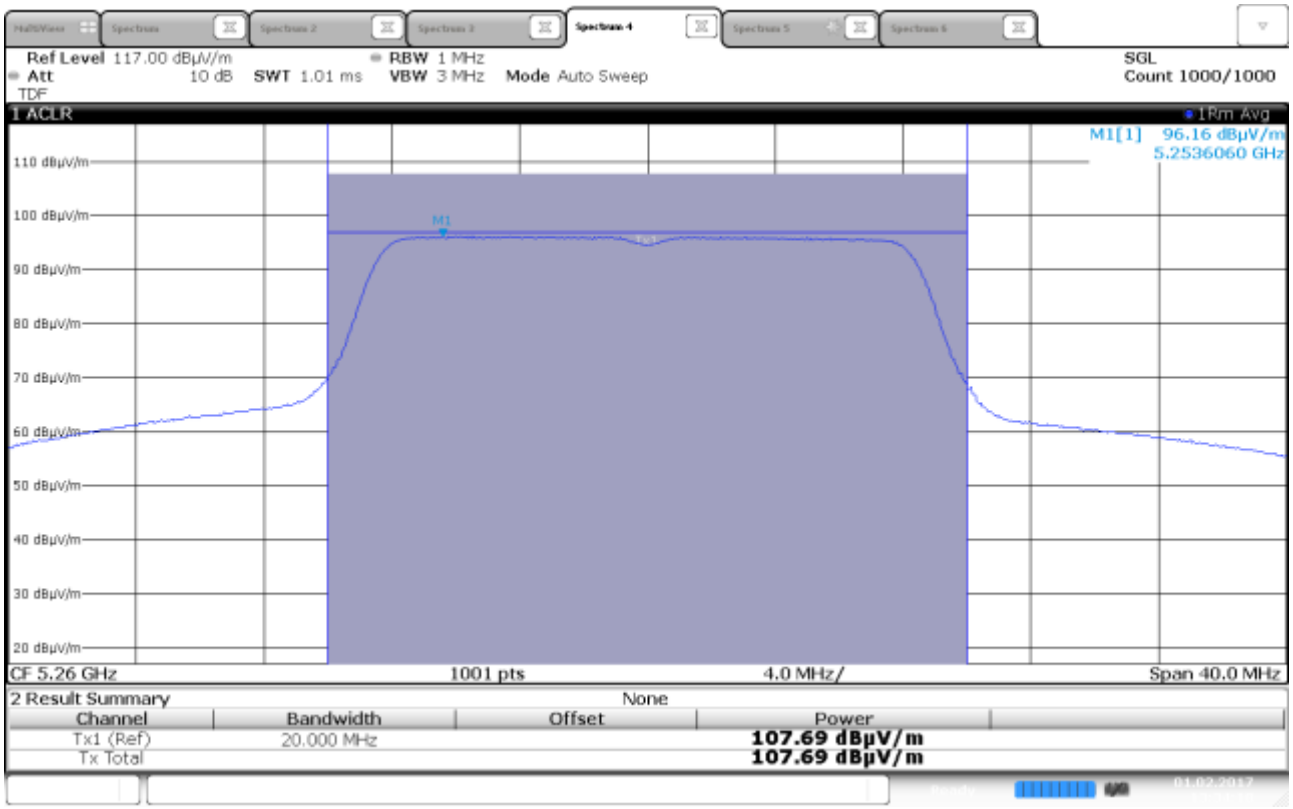
Output Power, 5180 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



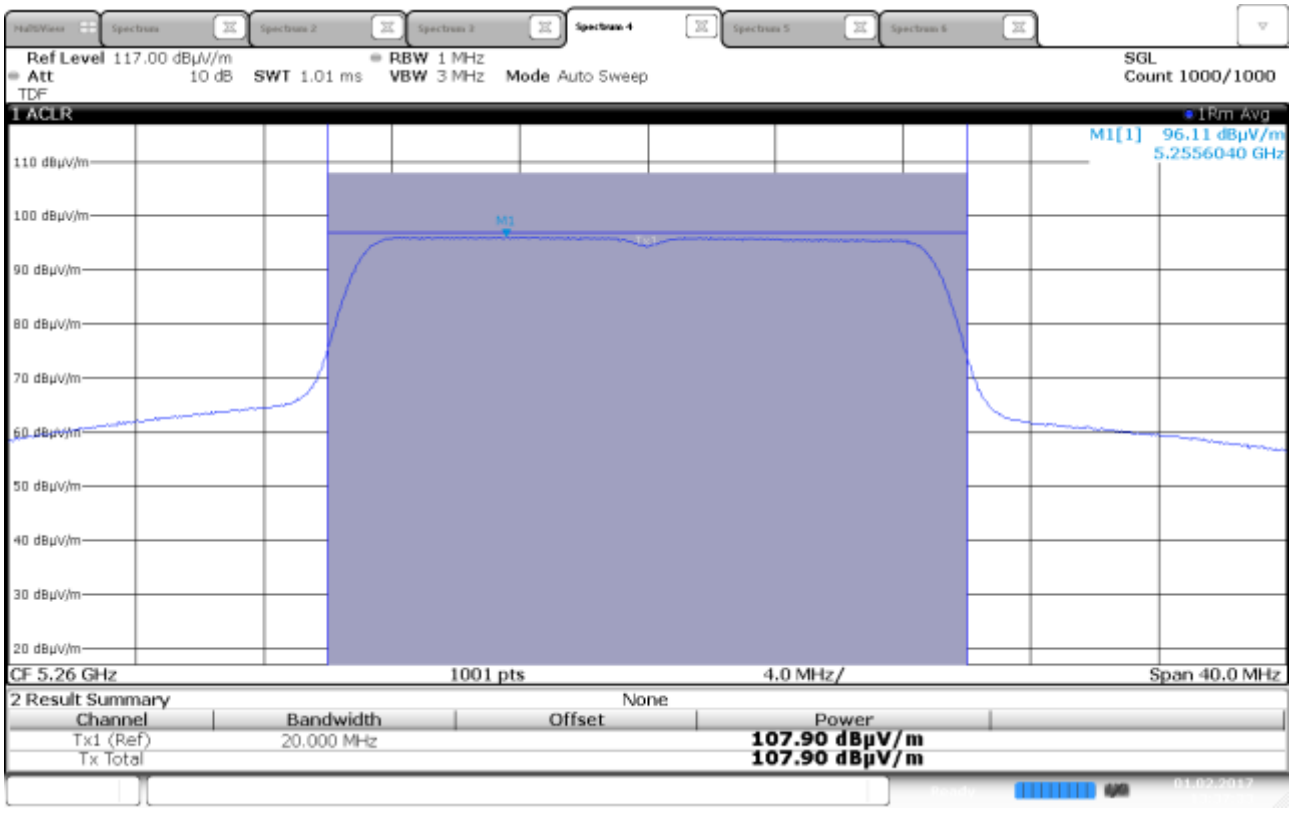
Output Power, 5240 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



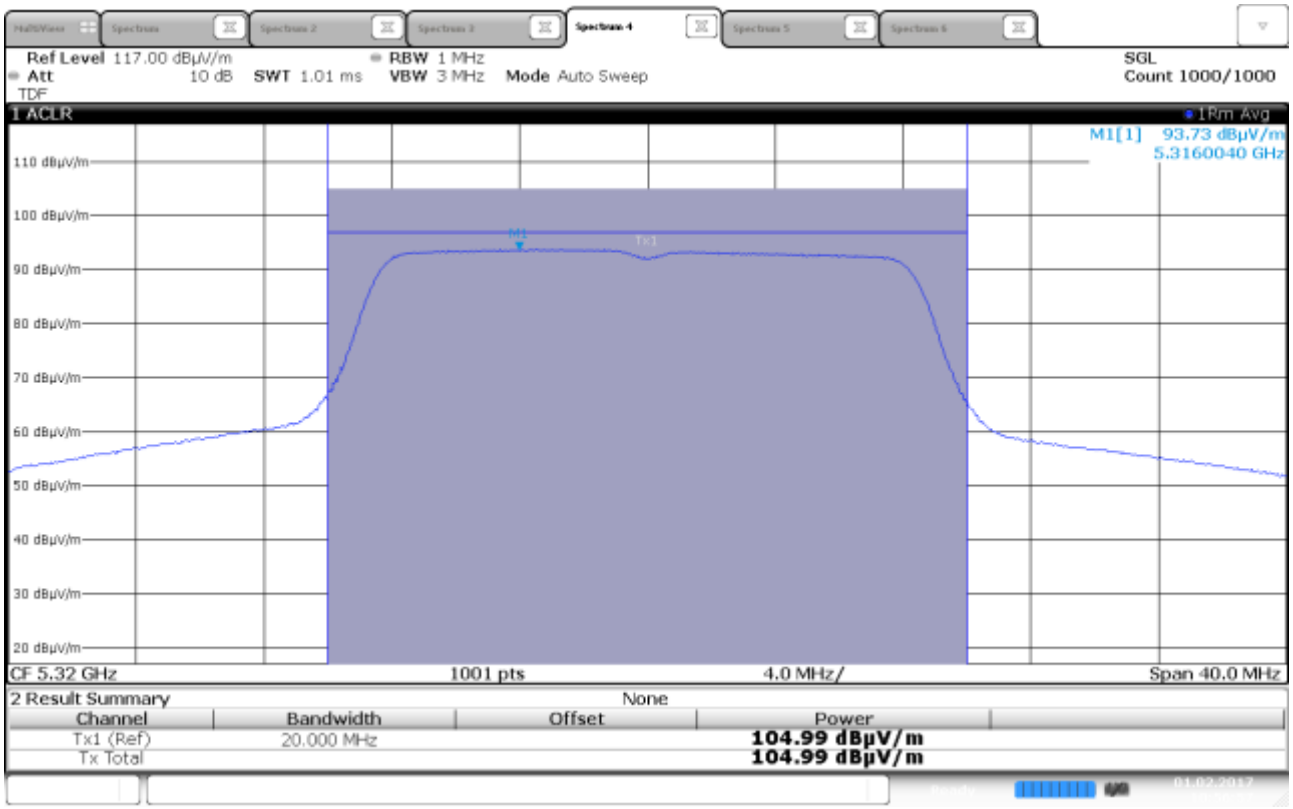
Output Power, 5240 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



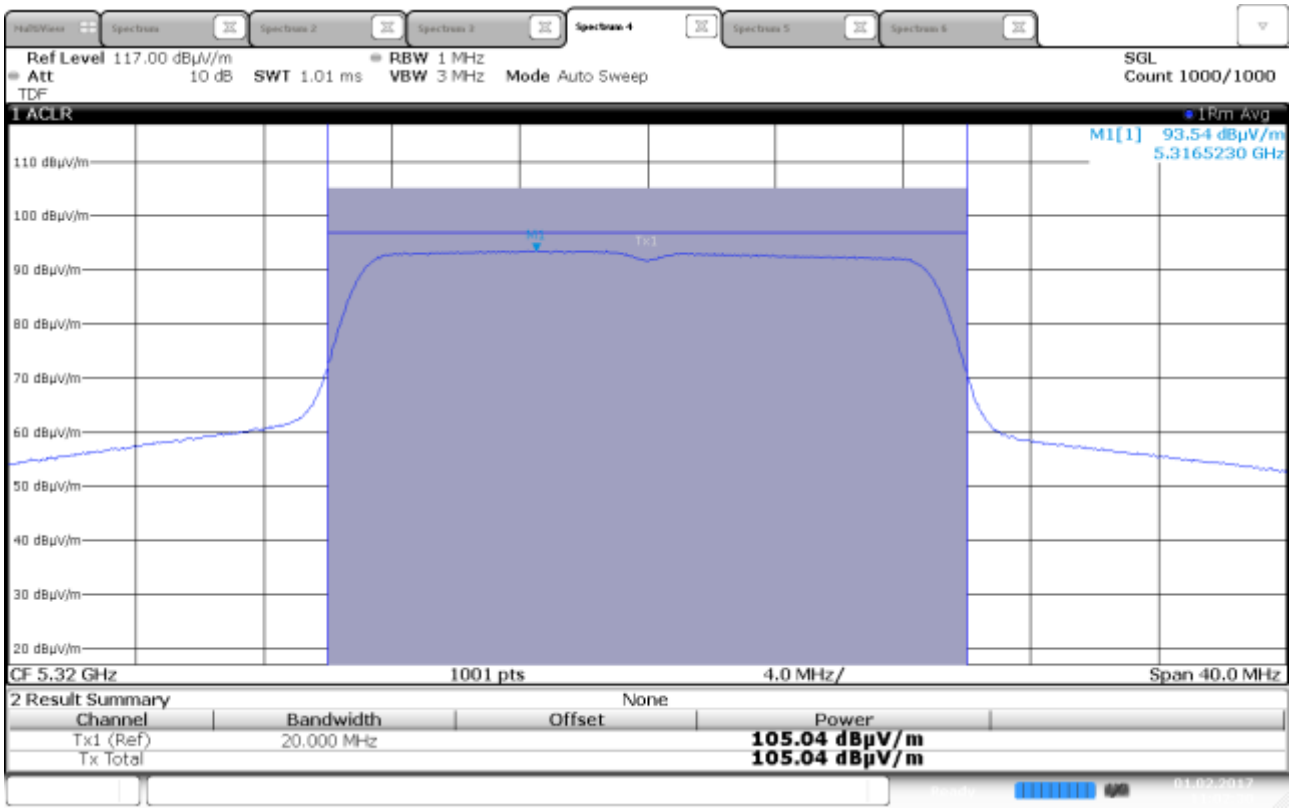
Output Power, 5260 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



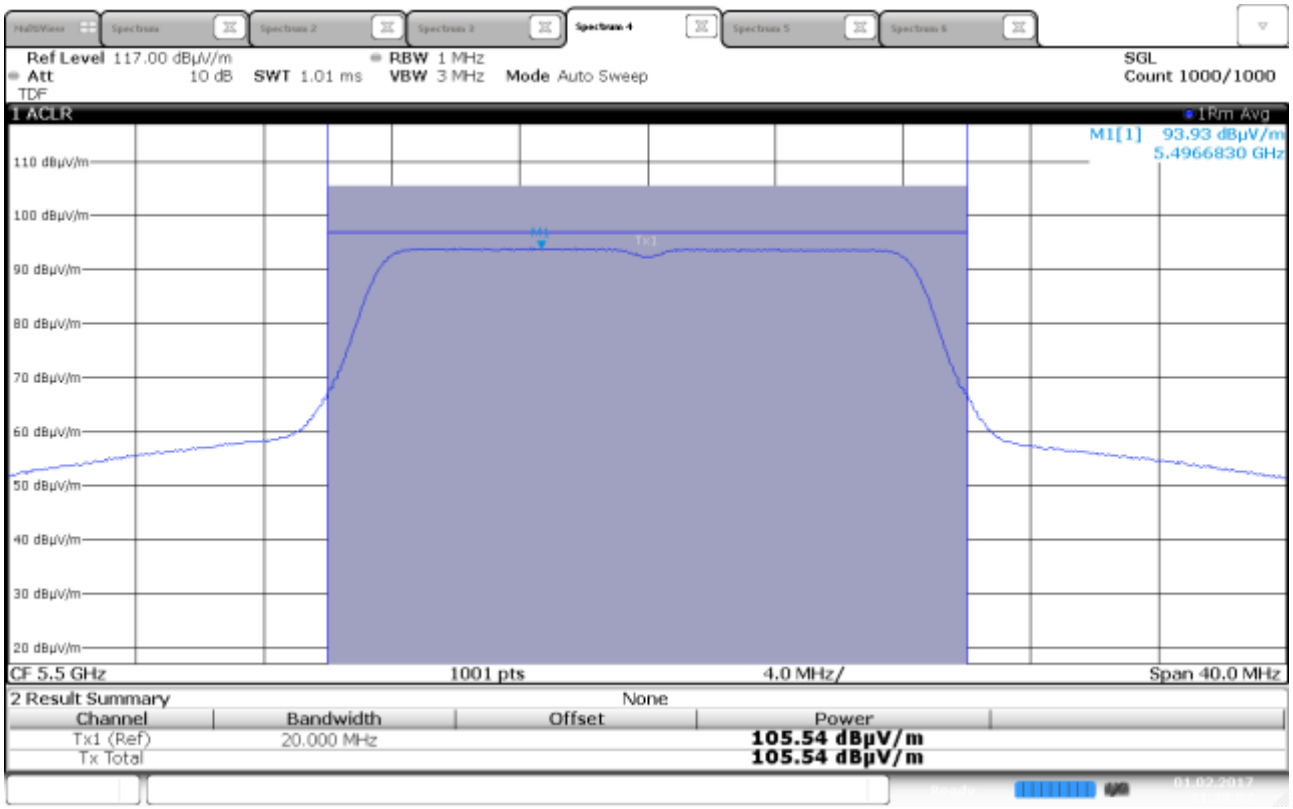
Output Power, 5260 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



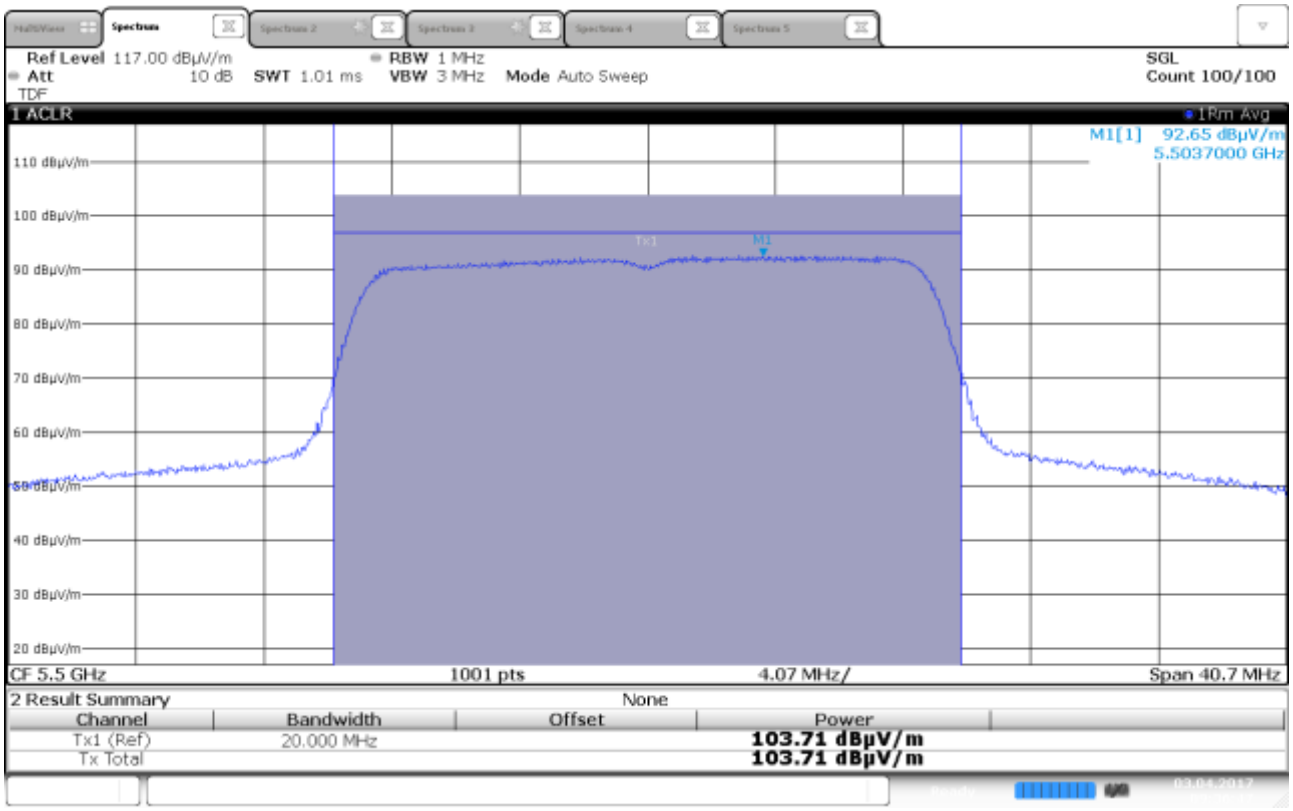
Output Power, 5320 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



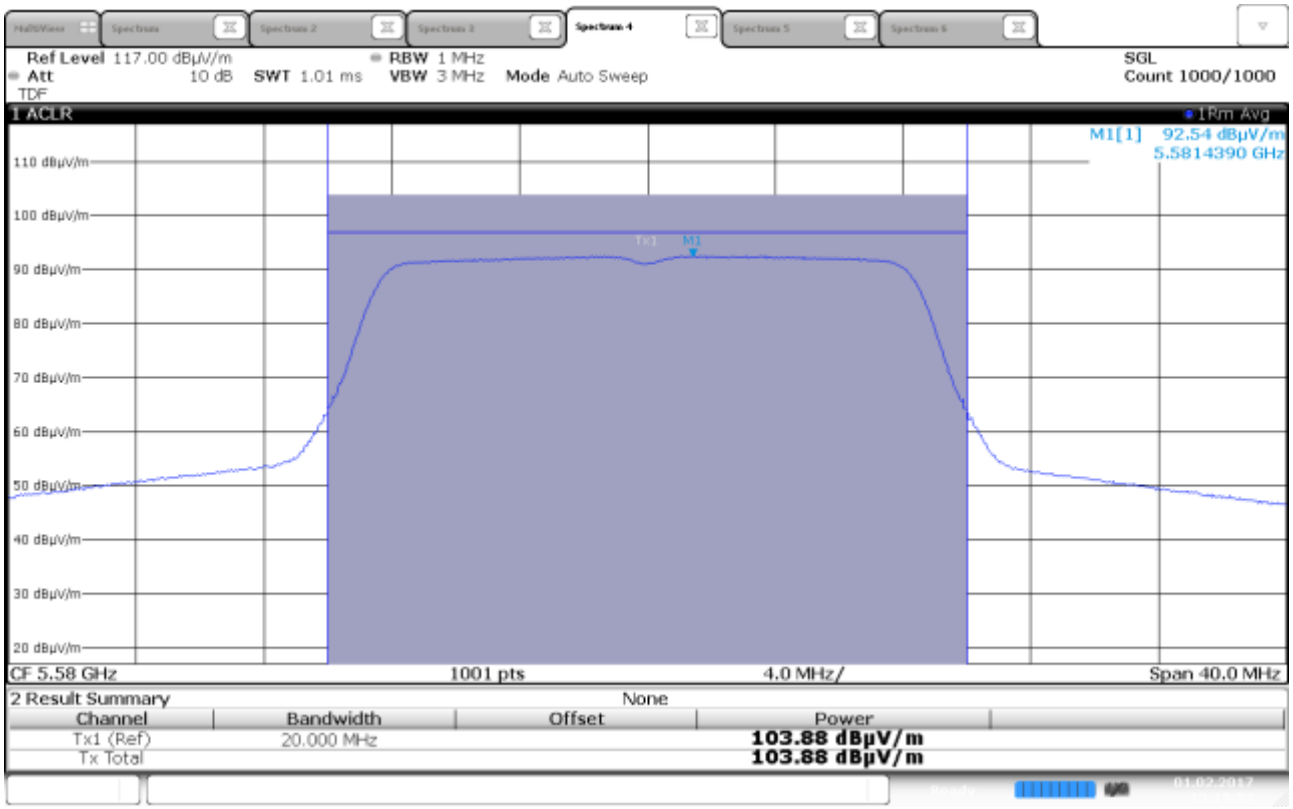
Output Power, 5320 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



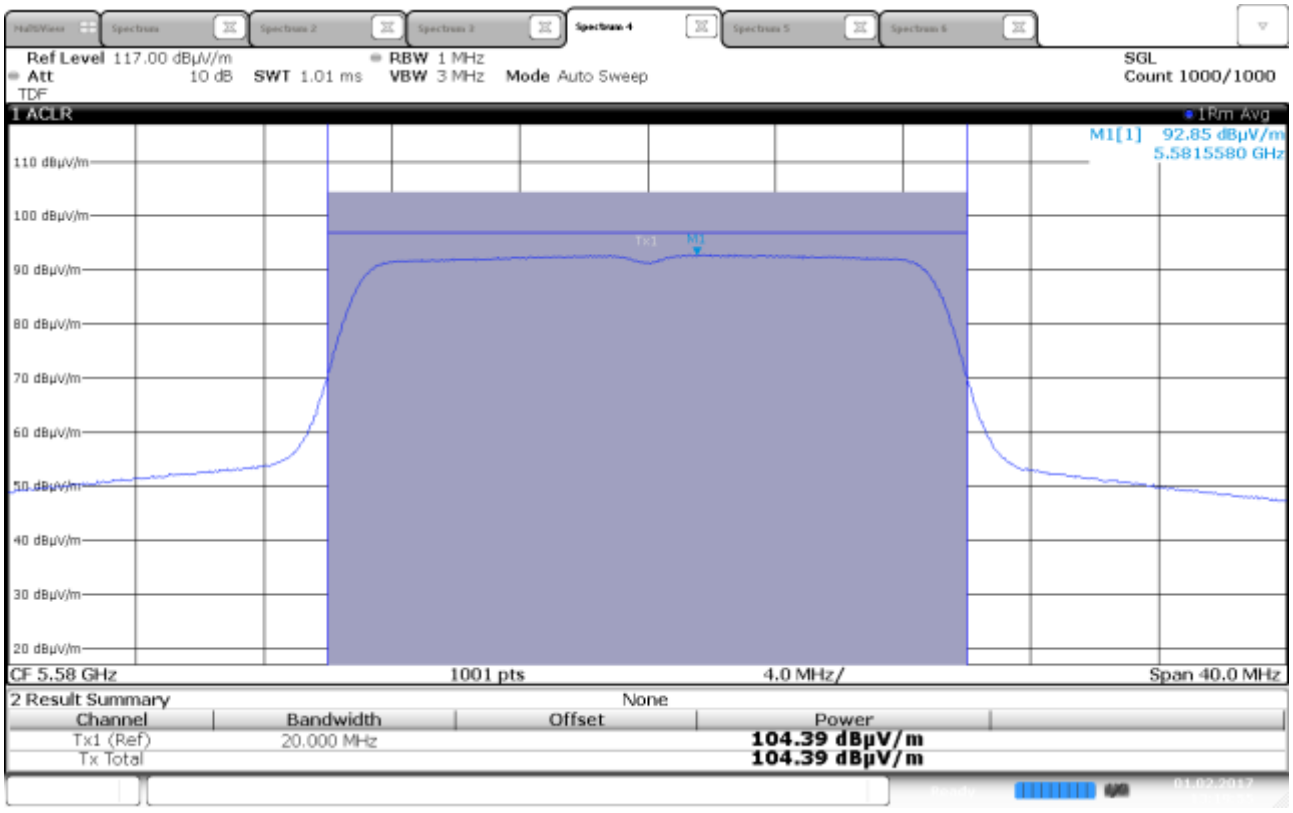
Output Power, 5500 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



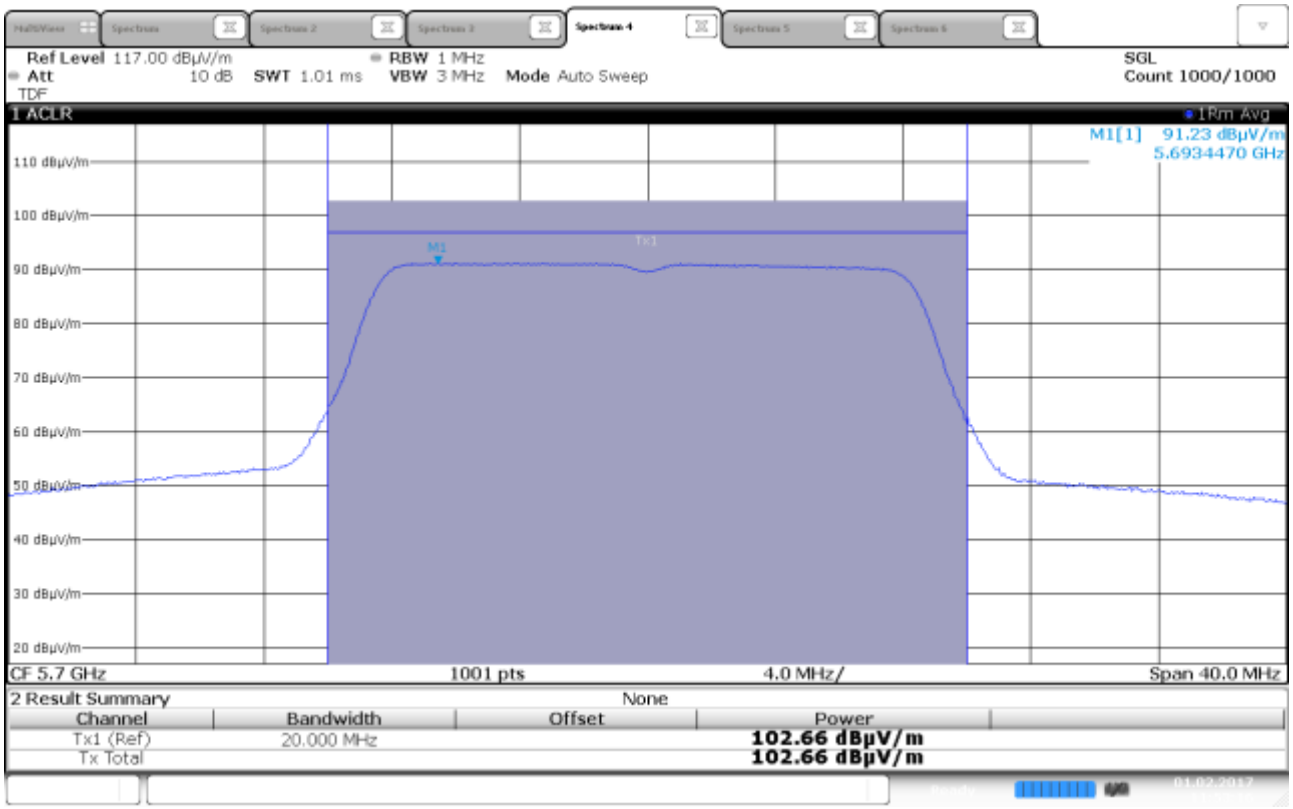
Output Power, 5500 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



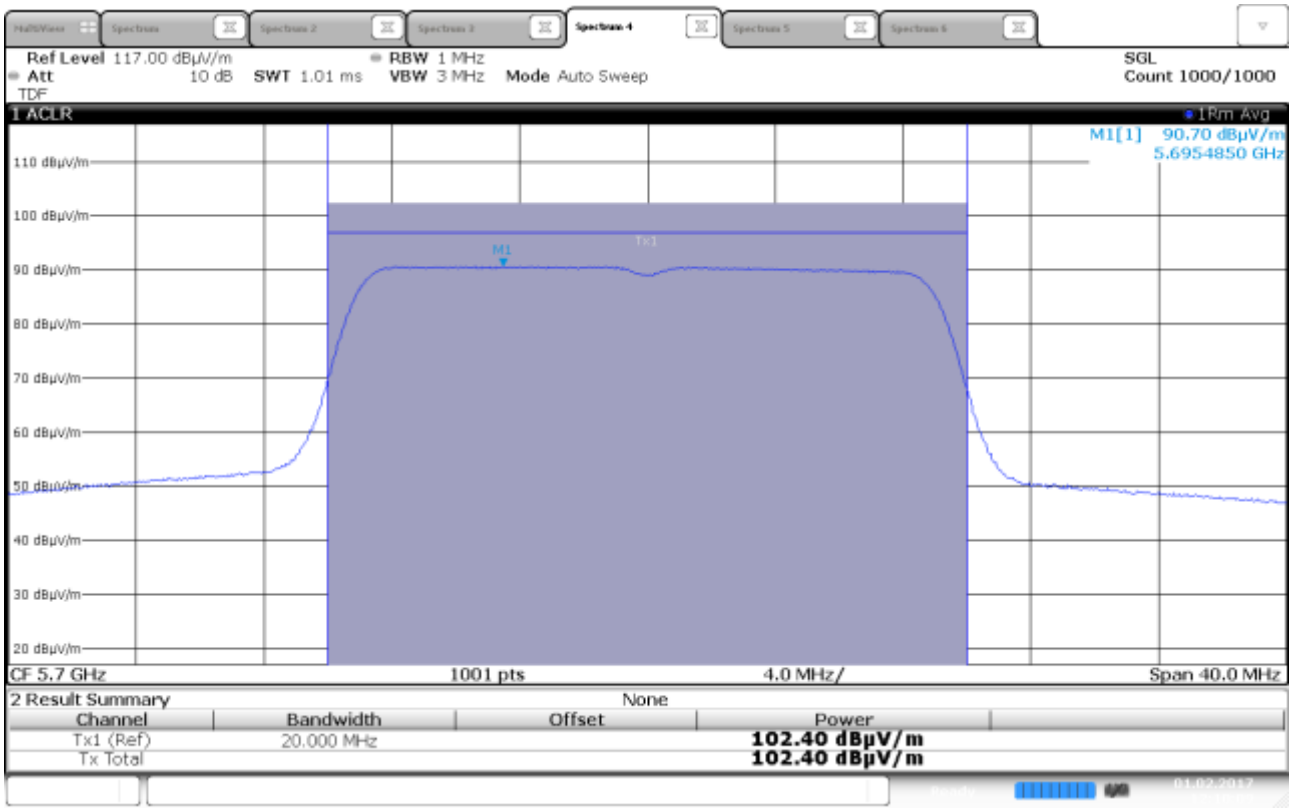
Output Power, 5580 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



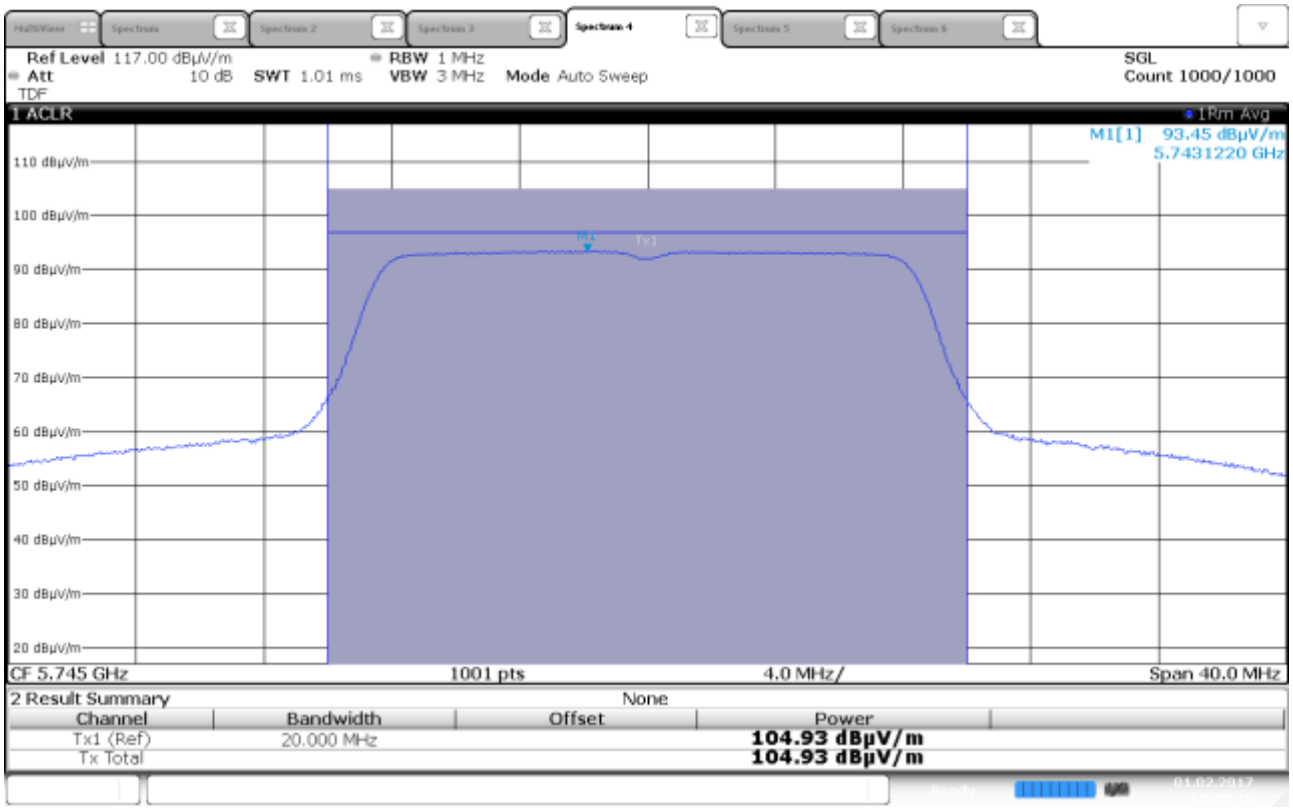
Output Power, 5580 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



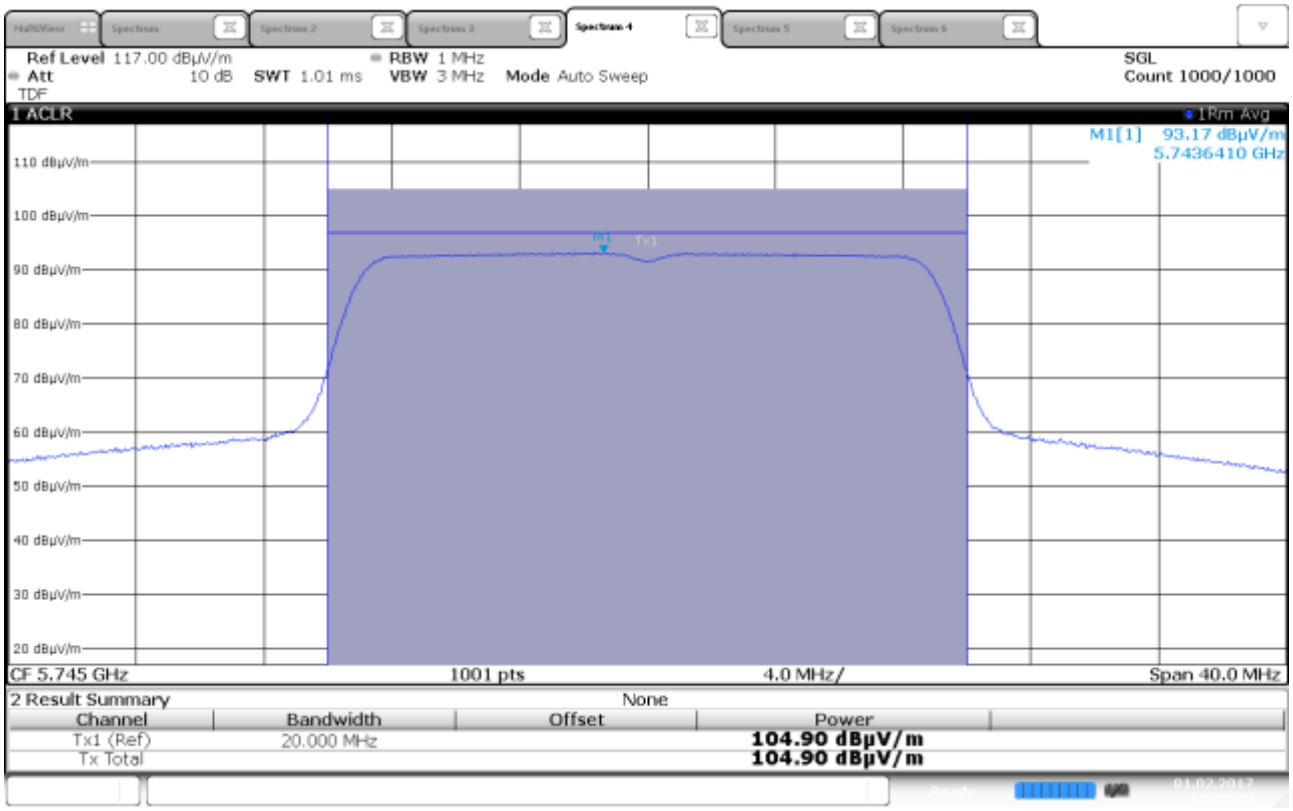
Output Power, 5700 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



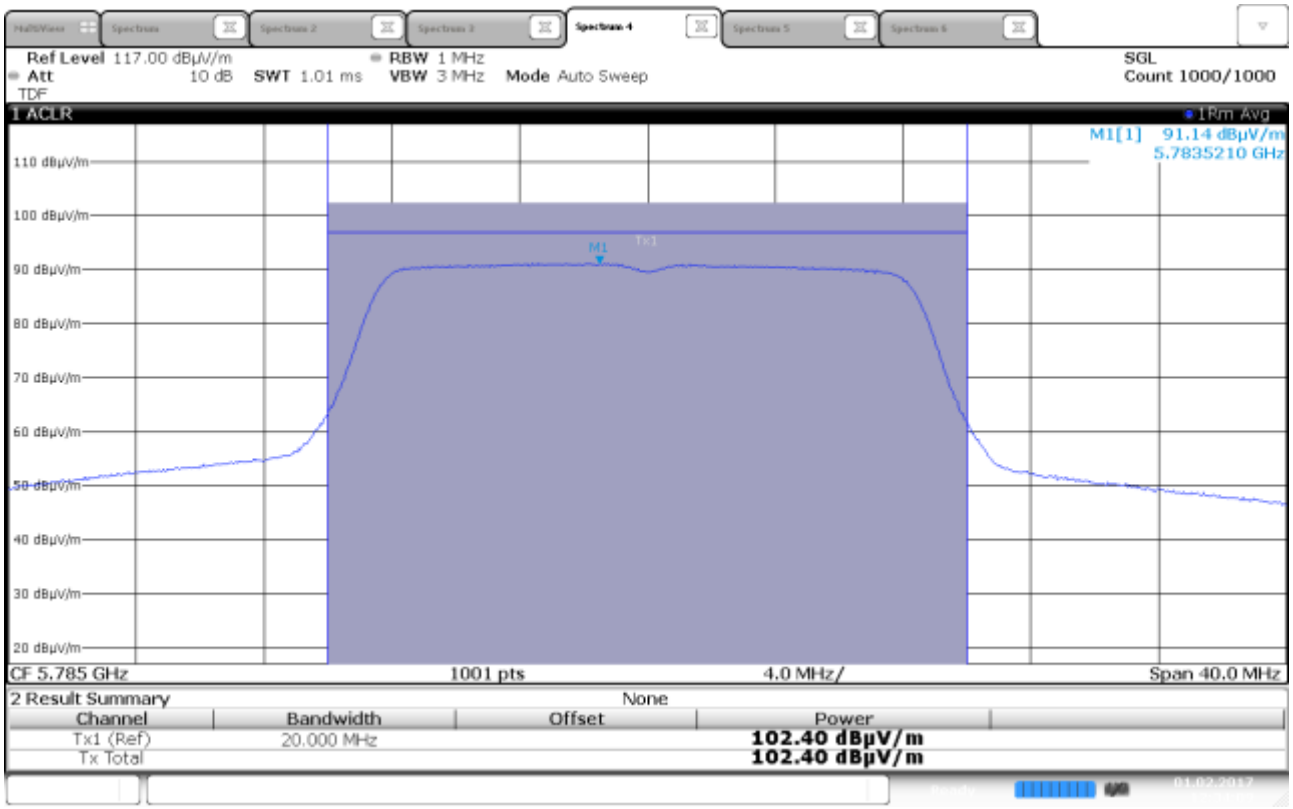
Output Power, 5700 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



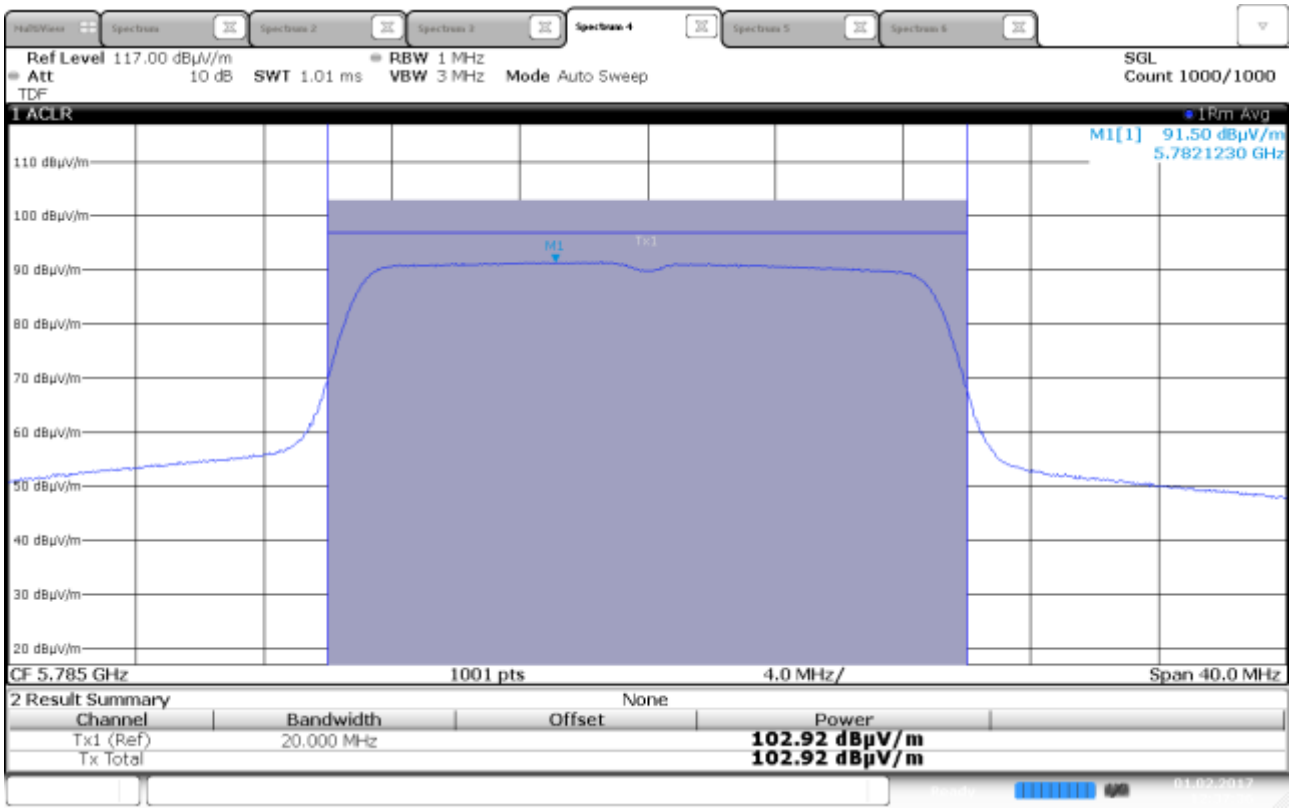
Output Power, 5745 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



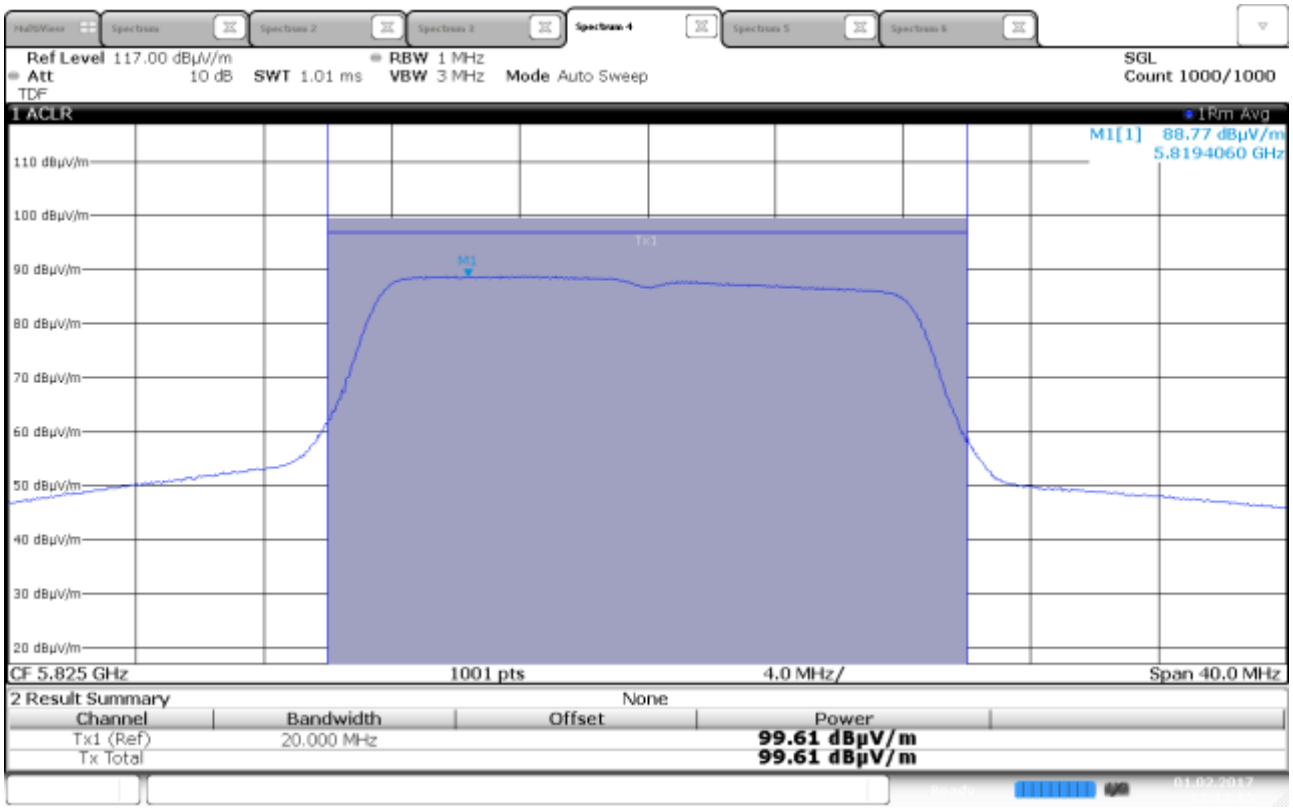
Output Power, 5745 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



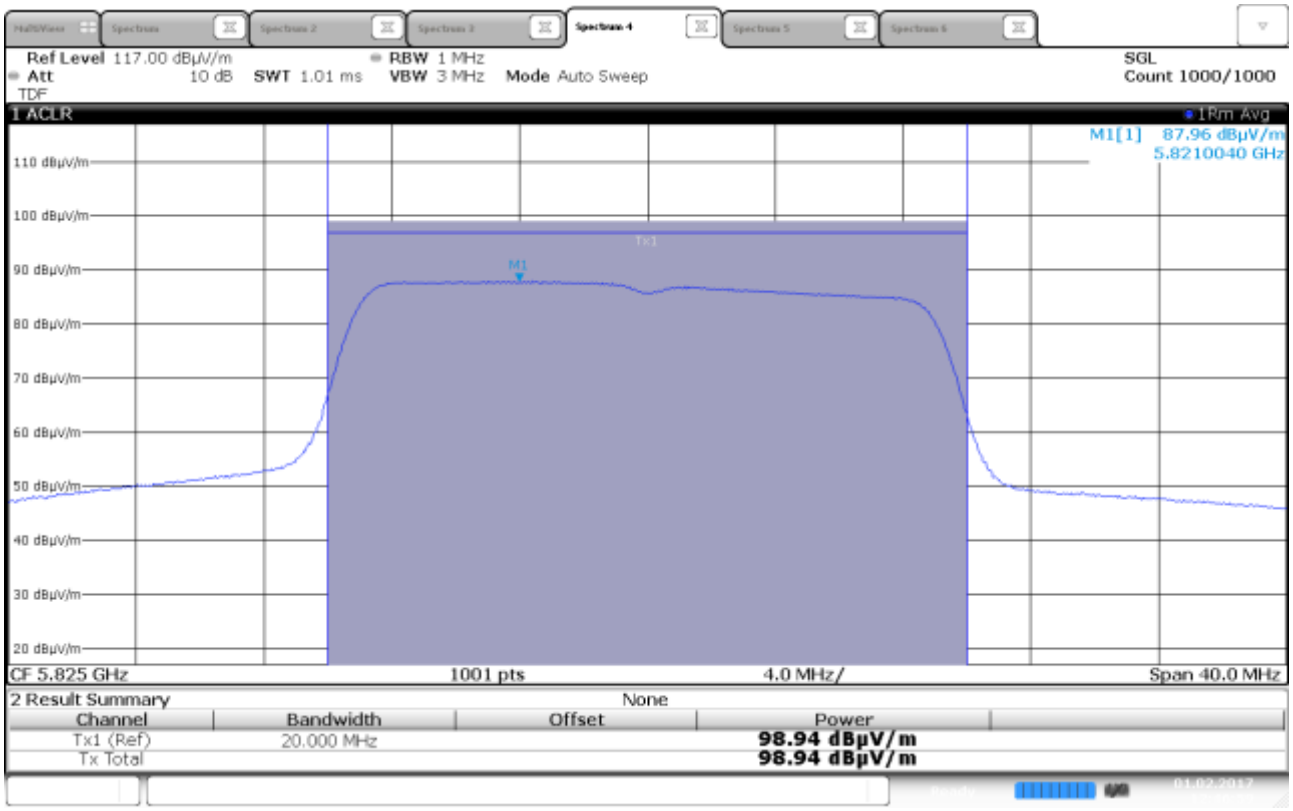
Output Power, 5785 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



Output Power, 5785 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)



Output Power, 5825 MHz, Method SA-1, 802.11a 6Mbps, Radiated (Max: EUT V, VP)



Output Power, 5825 MHz, Method SA-1, 802.11n MCS0, Radiated (Max: EUT V, VP)

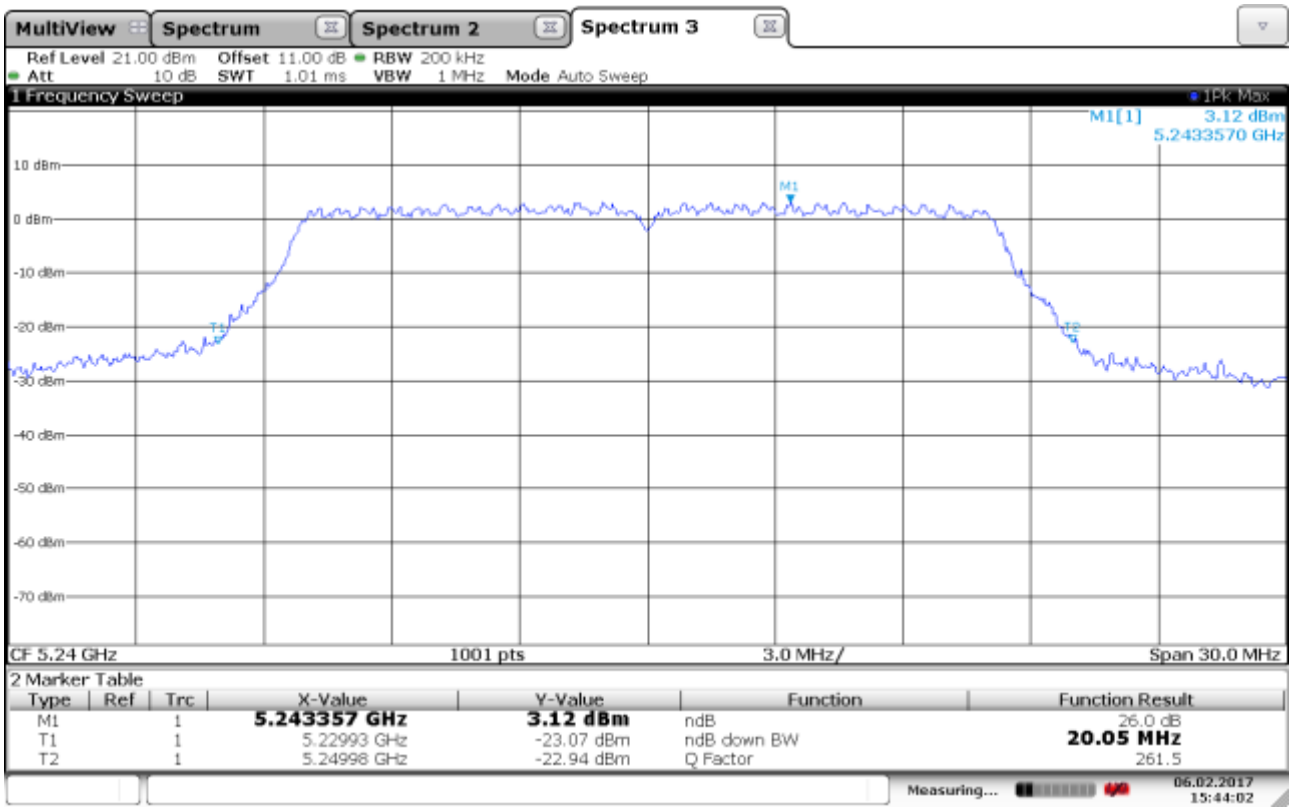
3.3 Emission Bandwidth *B*

Para. No.: 15.407(a)
ISED RSS-GEN, Issue 4, Clause 6.6
Test Results: Complies
Measurement Data:

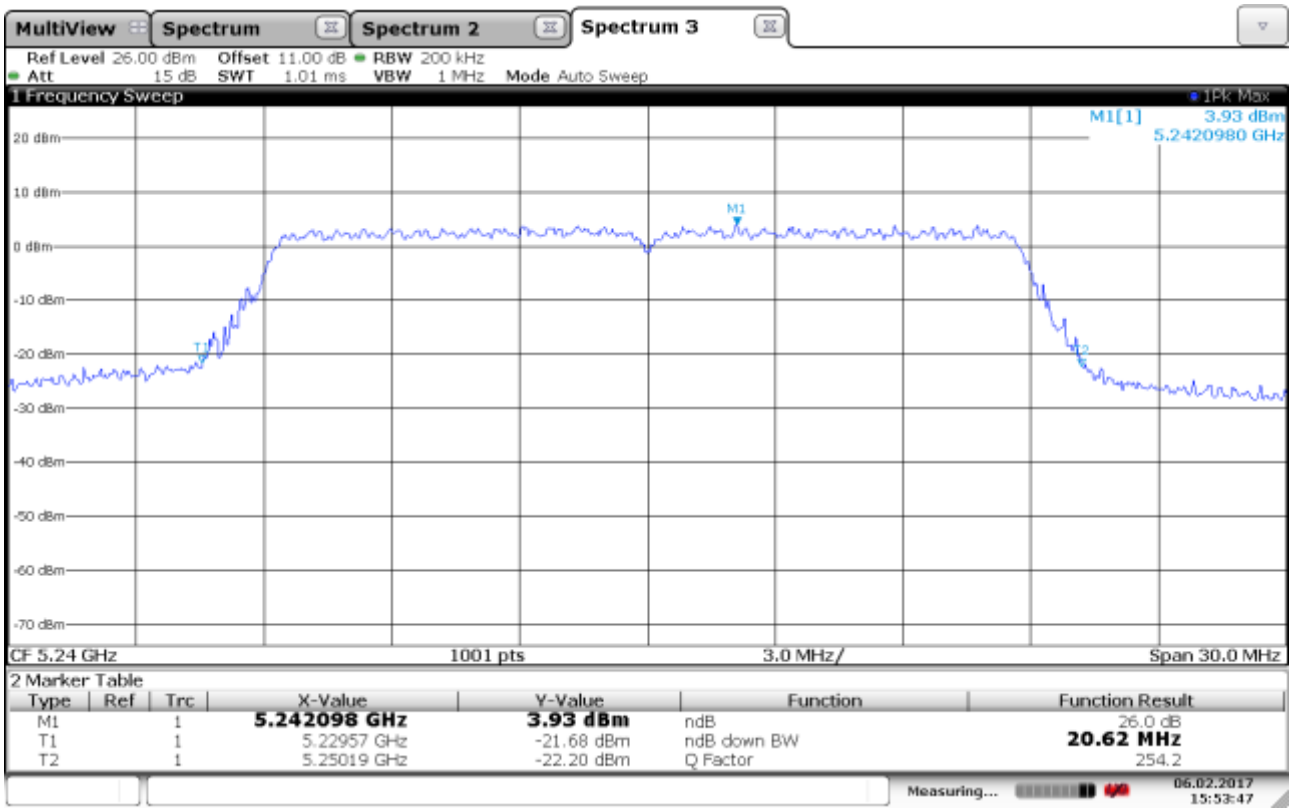
Ch. No.	Nominal Frequency (MHz)	Emission Bandwidth *B* (26%) Measured Values (MHz)	
		802.11a 6Mbps	802.11n MCS0
48	5240	20.1	20.6
52	5260	20.2	20.7
116	5580	19.8	20.7
157	5785	19.9	20.6

The nominal Emissions Bandwidth is 20 MHz.

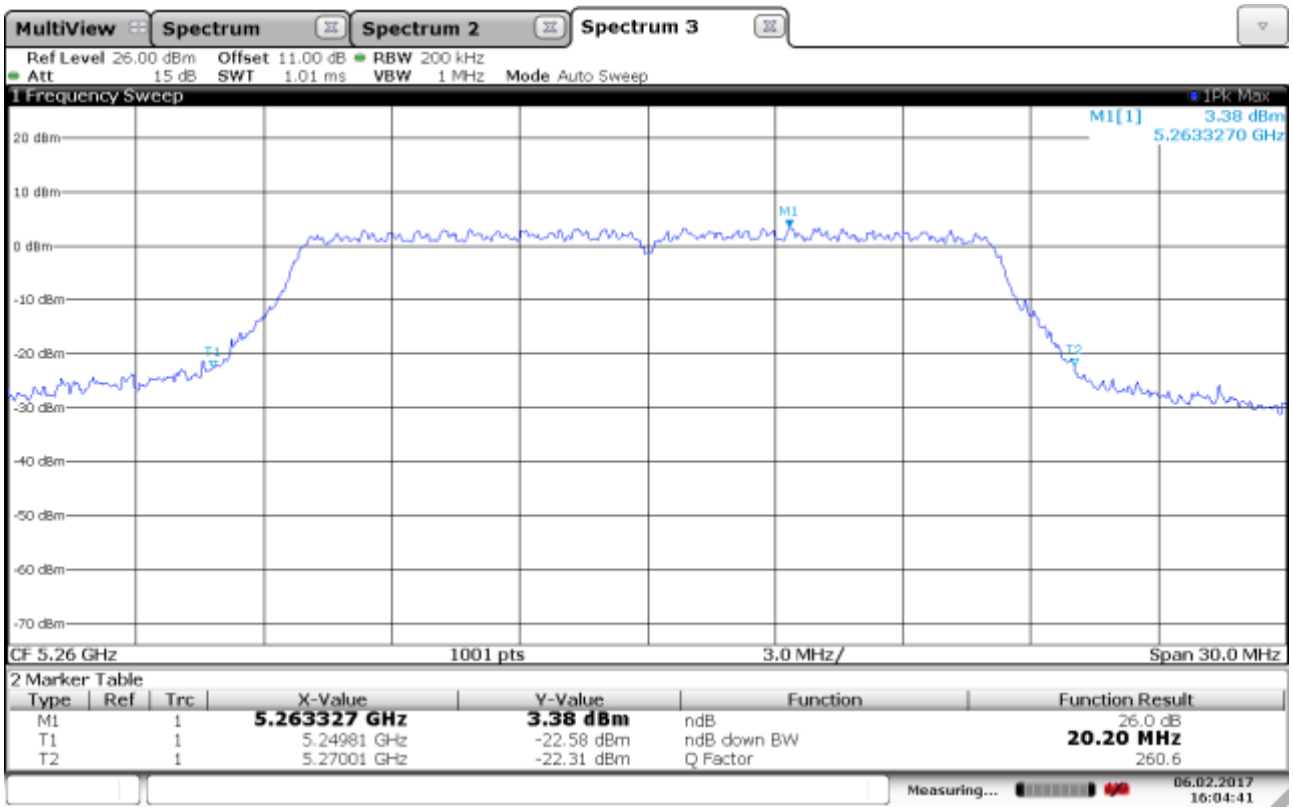
Limit:
No requirements as long as the emissions are within the band-edges.



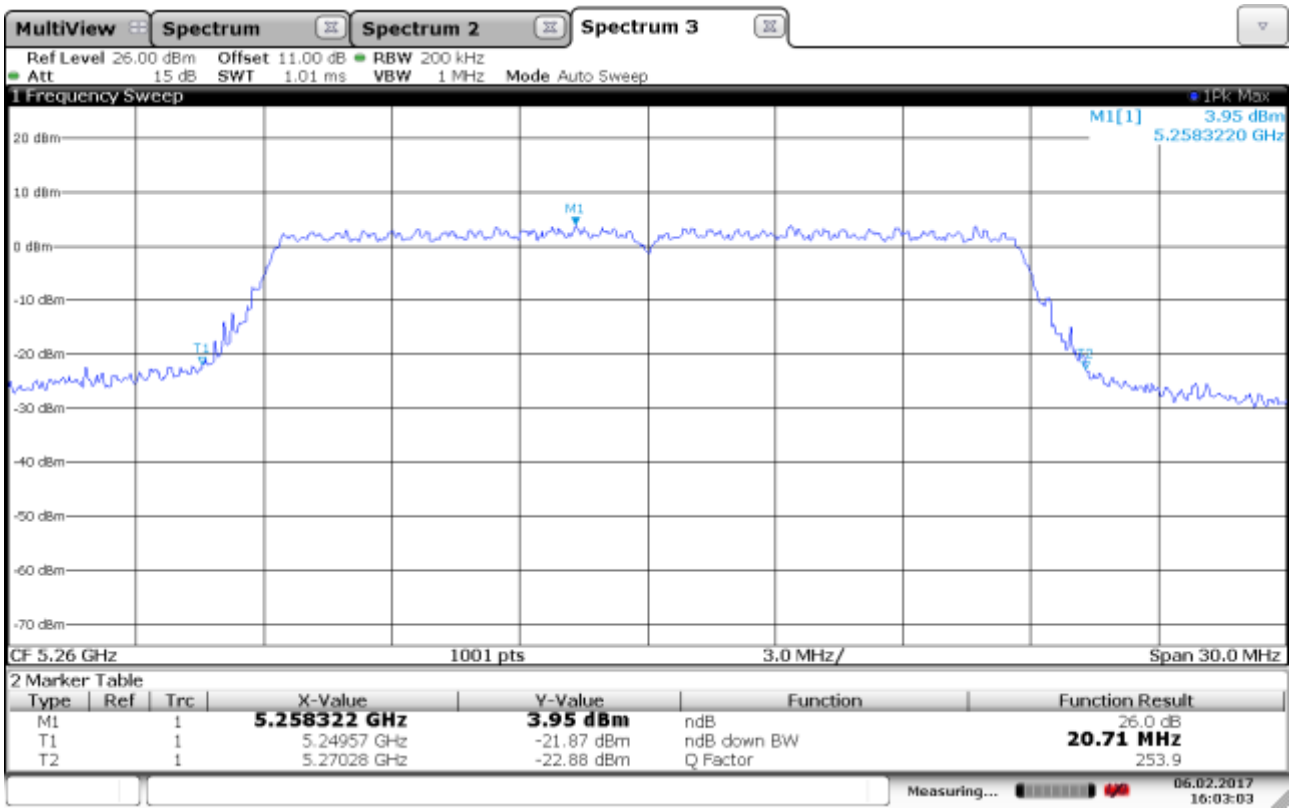
Emission Bandwidth *B*, 5240 MHz, 802.11a 6Mbps



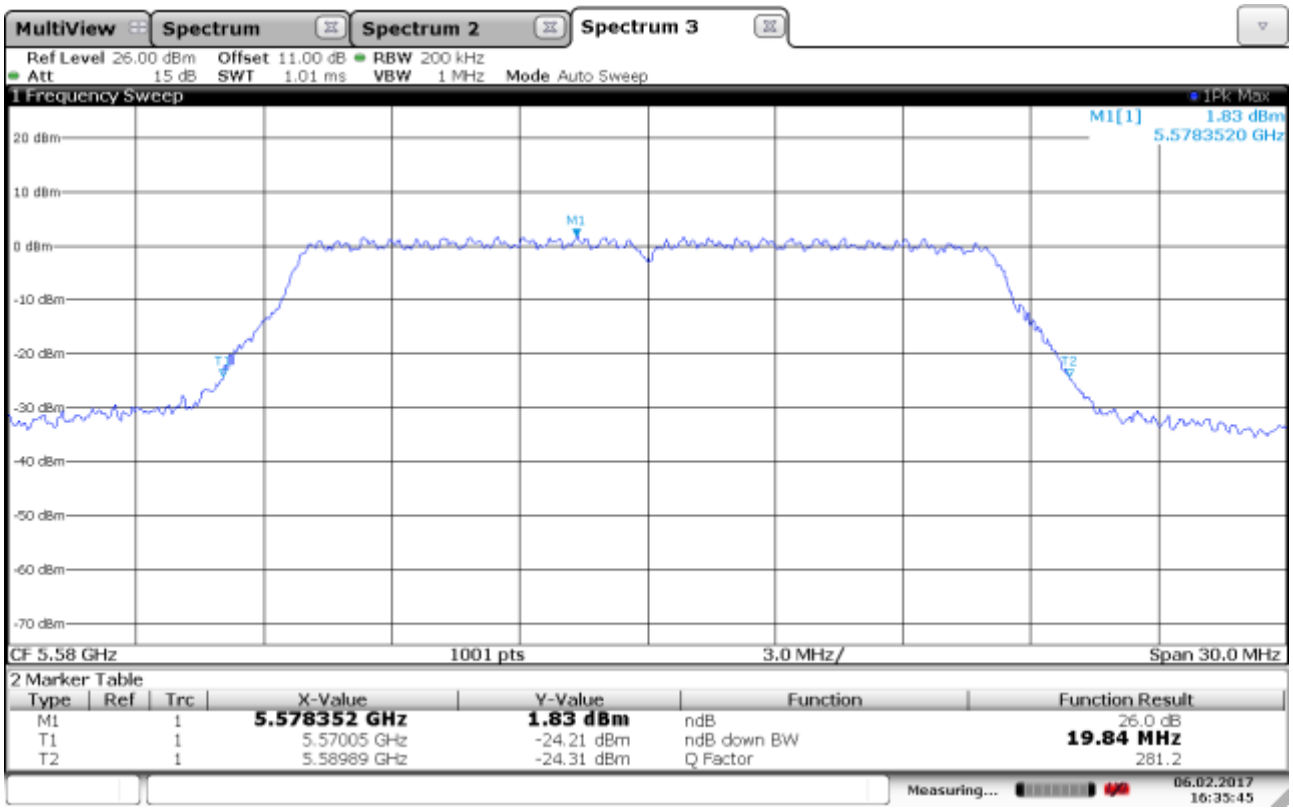
Emission Bandwidth *B*, 5240 MHz, 802.11n MCS0



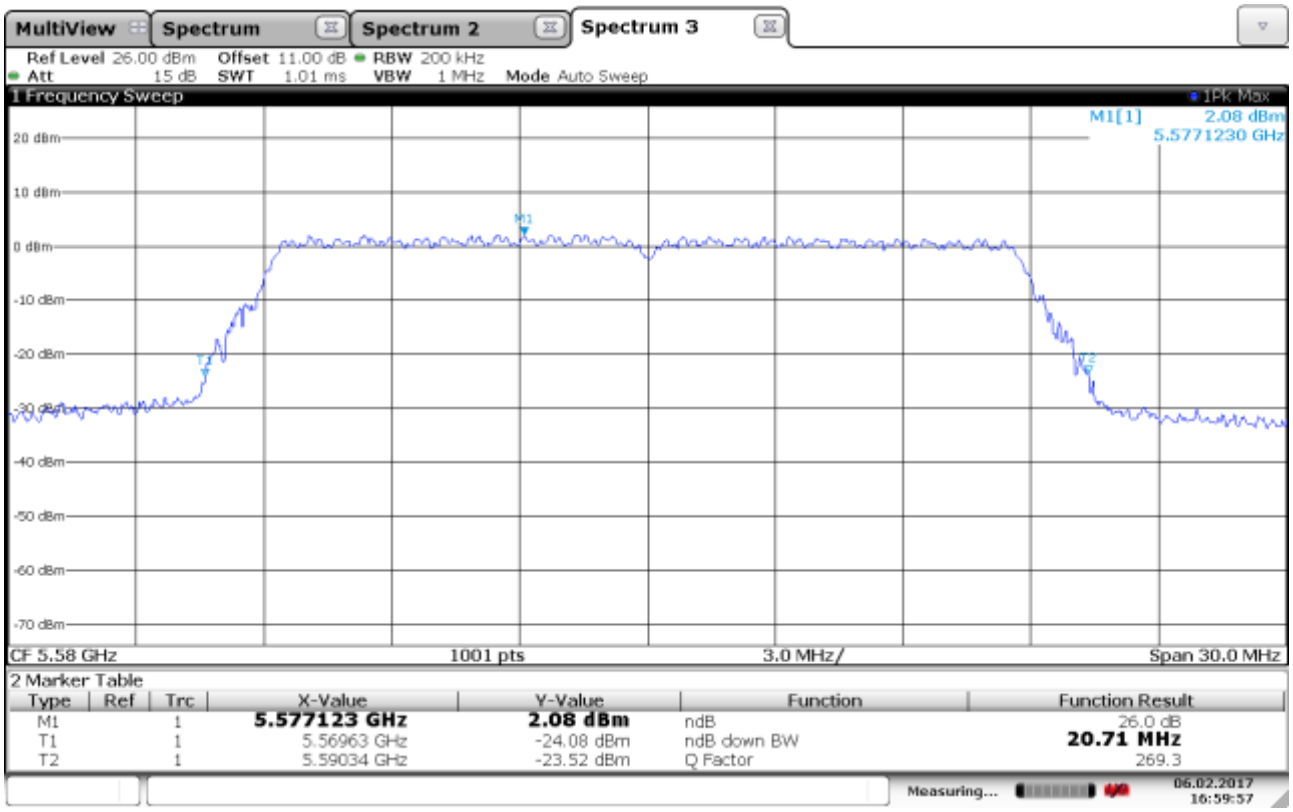
Emission Bandwidth *B*, 5260 MHz, 802.11a 6Mbps



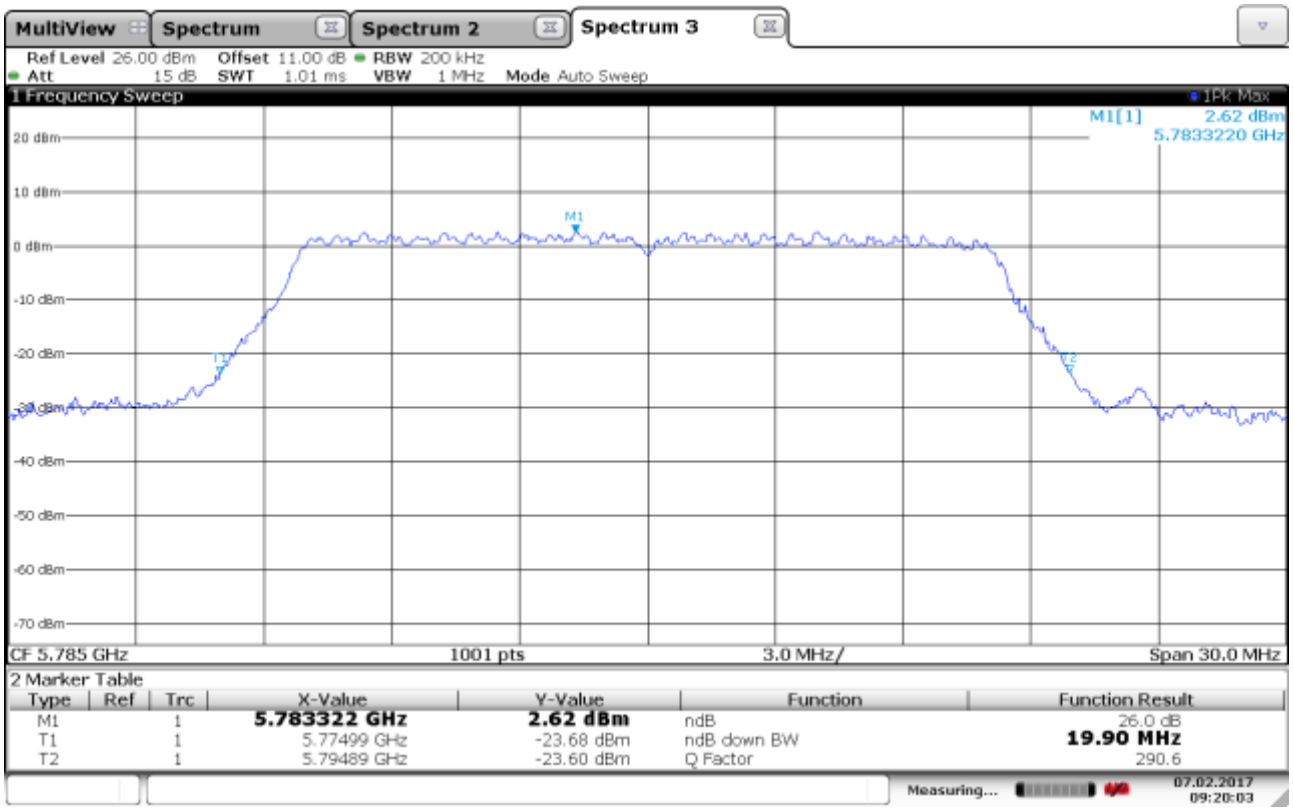
Emission Bandwidth *B*, 5260 MHz, 802.11n MCS0



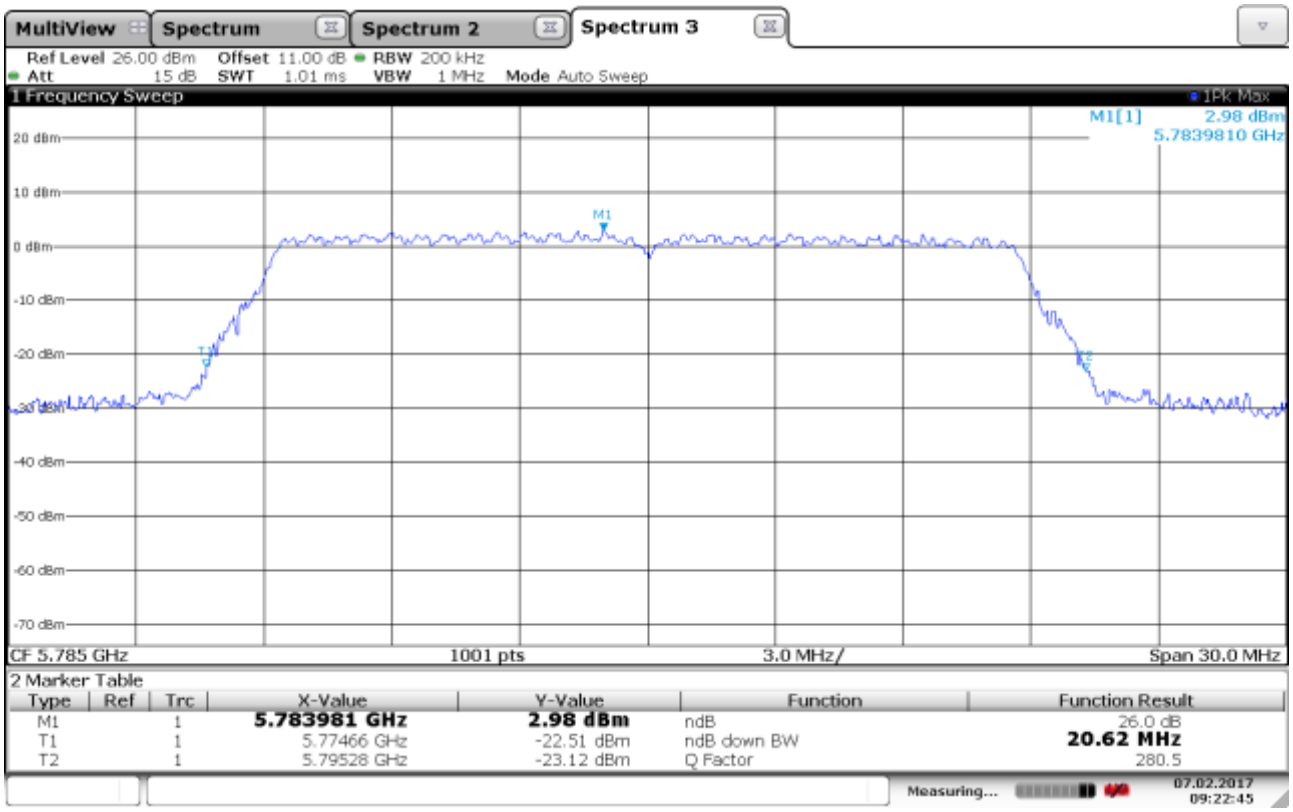
Emission Bandwidth *B*, 5580 MHz, 802.11a 6Mbps



Emission Bandwidth *B*, 5580 MHz, 802.11n MCS0



Emission Bandwidth *B*, 5785 MHz, 802.11a 6Mbps



Emission Bandwidth *B*, 5785 MHz, 802.11n MCS0

3.4 Peak Power Spectral density

FCC 15.407(a)
ISED RSS-247, Issue 2, Clause 6.2
Test Results: Complies
Measurement Data:

Ch. No.	Nominal Frequency (MHz)	Measured Value (dBm/MHz)		
		802.11a 6Mbps	802.11n MCS0	FCC Limit
36	5180	2.5	2.7	11 dBm/MHz
48	5240	2.0	2.6	
52	5260	2.3	2.7	
64	5320	1.8	1.9	
100	5500	2.6	2.6	11 dBm/MHz
116	5580	0.8	1.2	
140	5700	0.2	0.1	
149	5745	1.9*	2.0*	30 dBm/ 500kHz
157	5785	0.4*	0.4*	
165	5825	-1.2*	-1.2*	

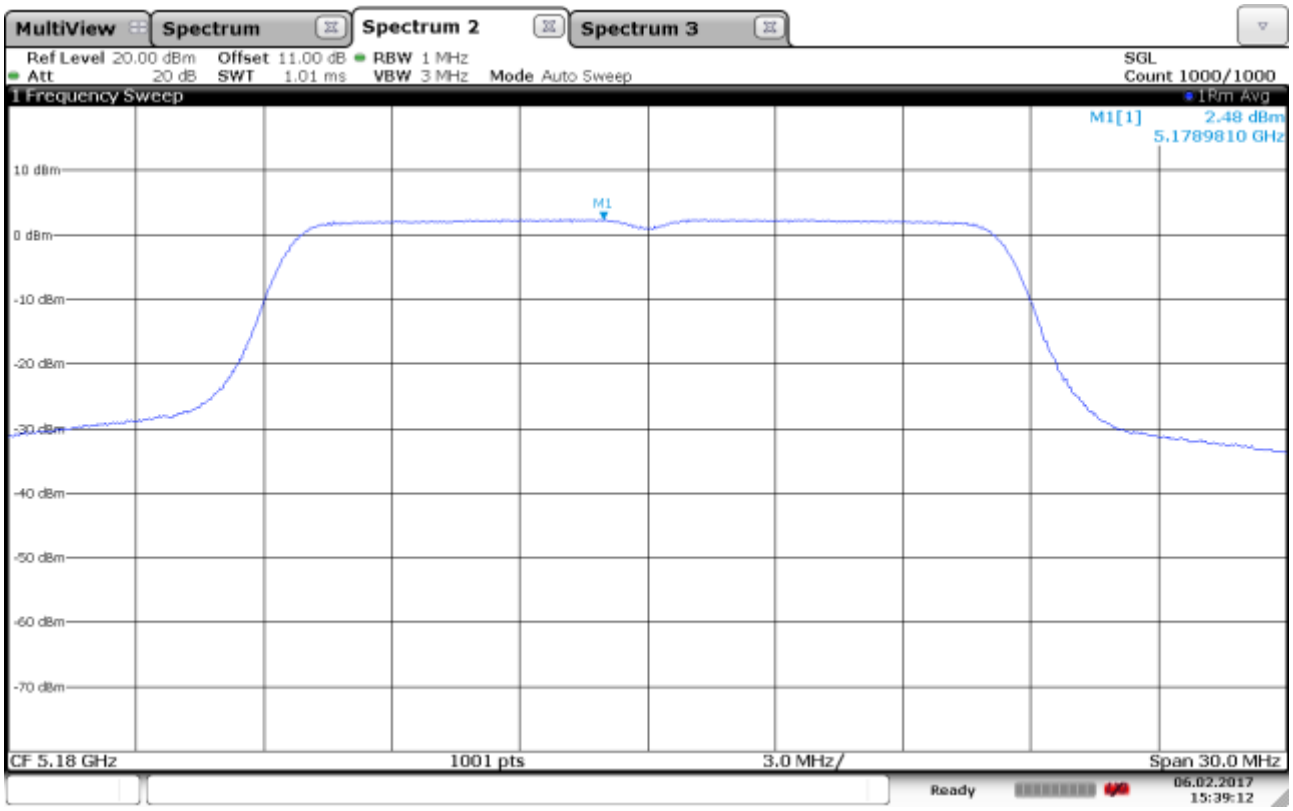
*value is in dBm/500kHz

The test was performed using power method SA-1 as described in ANSI C63.10-2013.

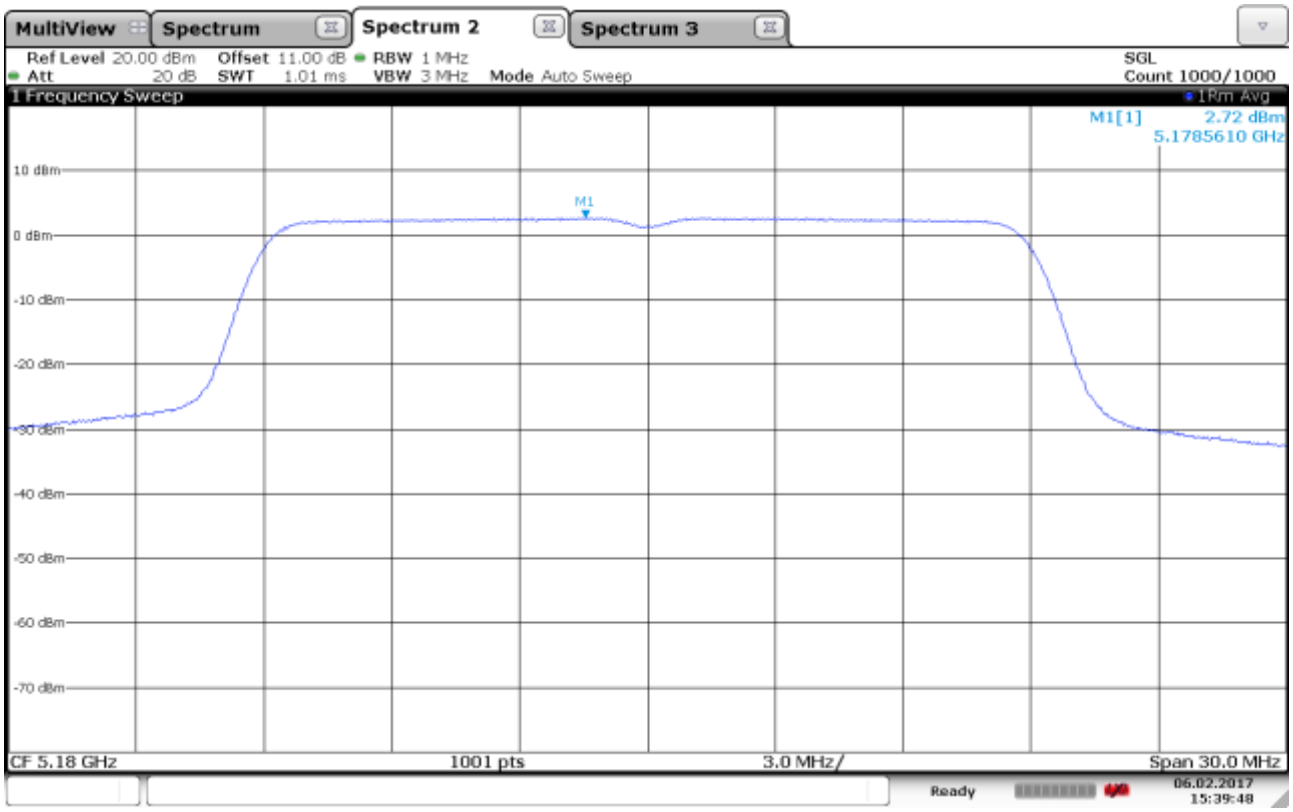
Power Spectral Density limits:

Frequency Band	Max Conducted Power Spectral Density	
	FCC 15.407(a)	RSS-247, Issue 2
5150 – 5250 MHz	17 dBm/MHz for master device 11 dBm/MHz for mobile/ portable client device	10 dBm/MHz (only indoor allowed)
5250 – 5350 MHz	11 dBm/MHz	The lesser of 30 dBm/MHz or $17 + 10\log_{10}B$ dBm/MHz (B is 99% BW in MHz)
5470 – 5725 MHz	11 dBm/MHz	The lesser of 30 dBm/MHz or $17 + 10\log_{10}B$ dBm/MHz (B is 99% BW in MHz)
5725 – 5825 MHz	30 dBm/500kHz	30 dBm/500kHz

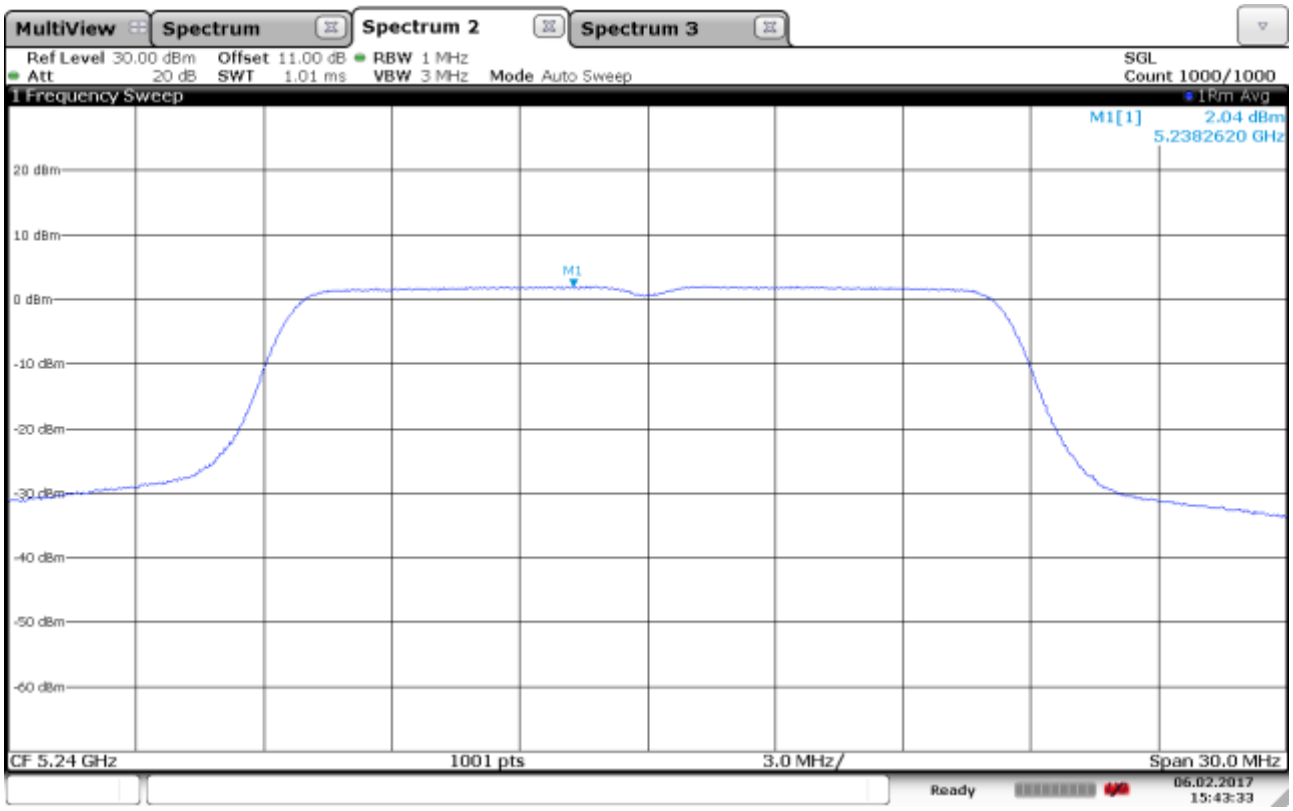
If transmitting antennas of directional gain greater than 6 dBi are used, the power spectral density from the intentional radiator shall be reduced below the stated value above by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



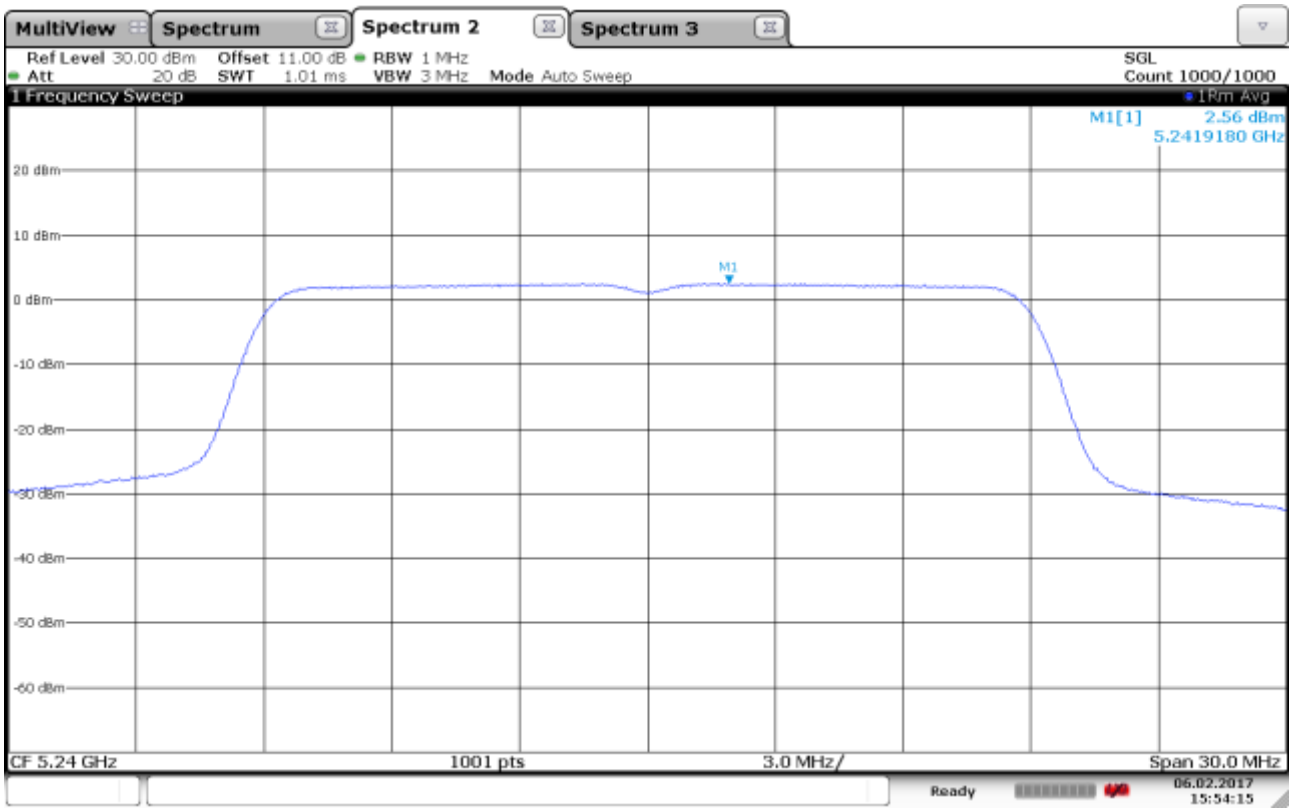
Power Spectral Density, 5180 MHz, 802.11a - 6Mbps, Method SA-1



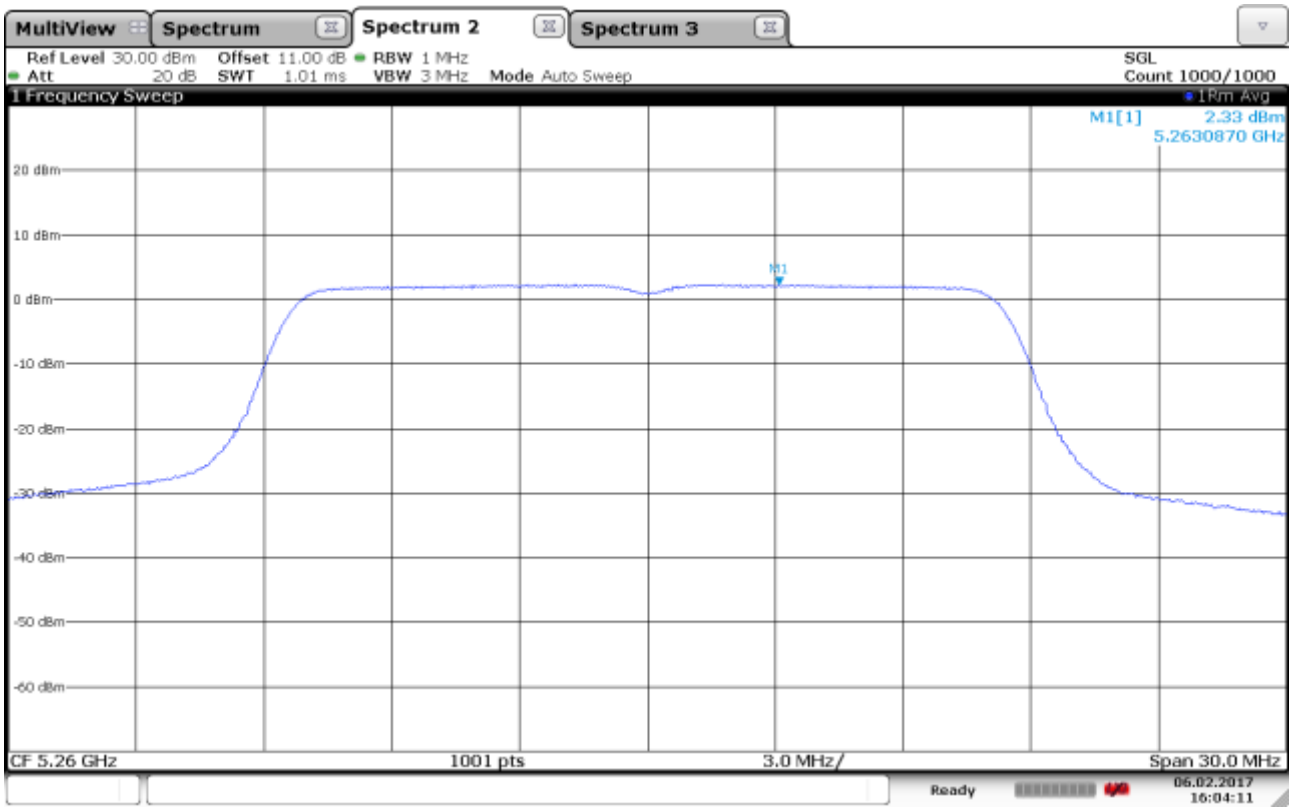
Power Spectral Density, 5180 MHz, 802.11n – MCS0, Method SA-1



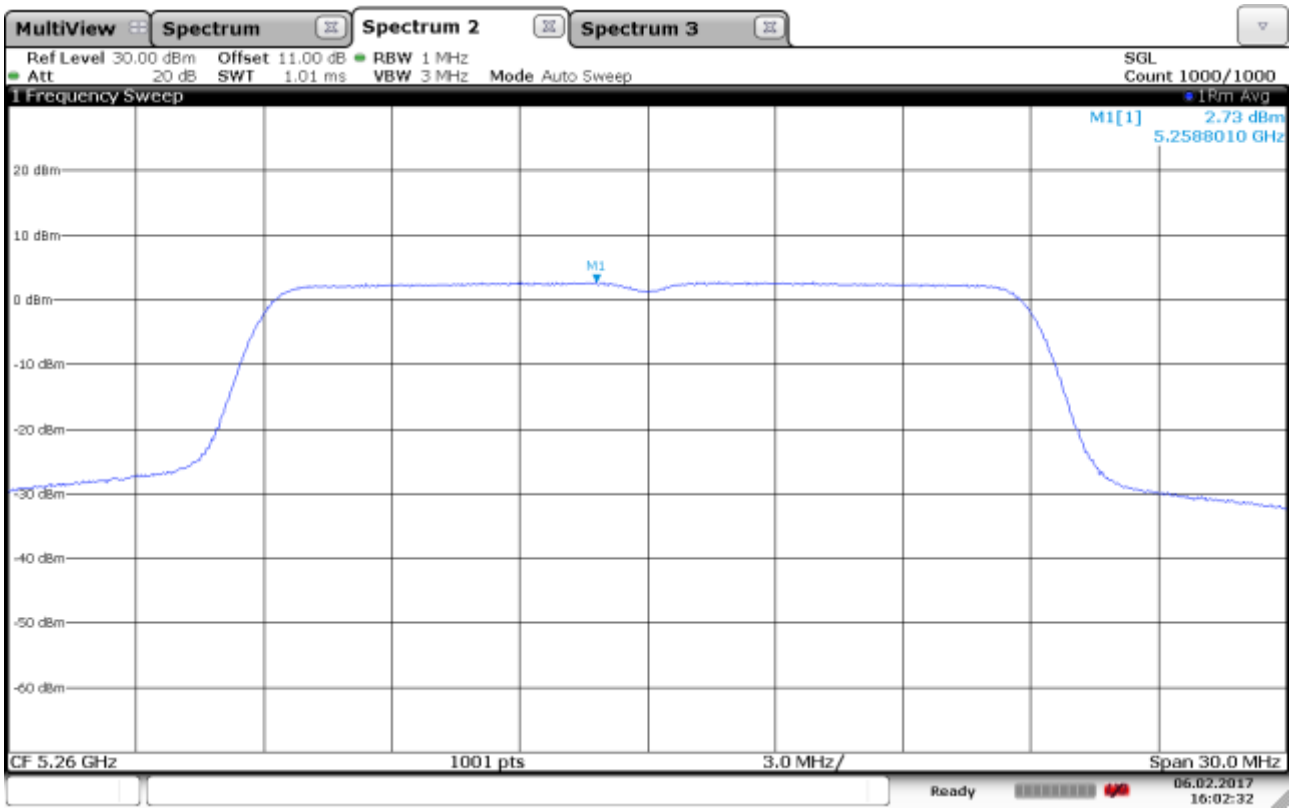
Power Spectral Density, 5240 MHz, 802.11a - 6Mbps, Method SA-1



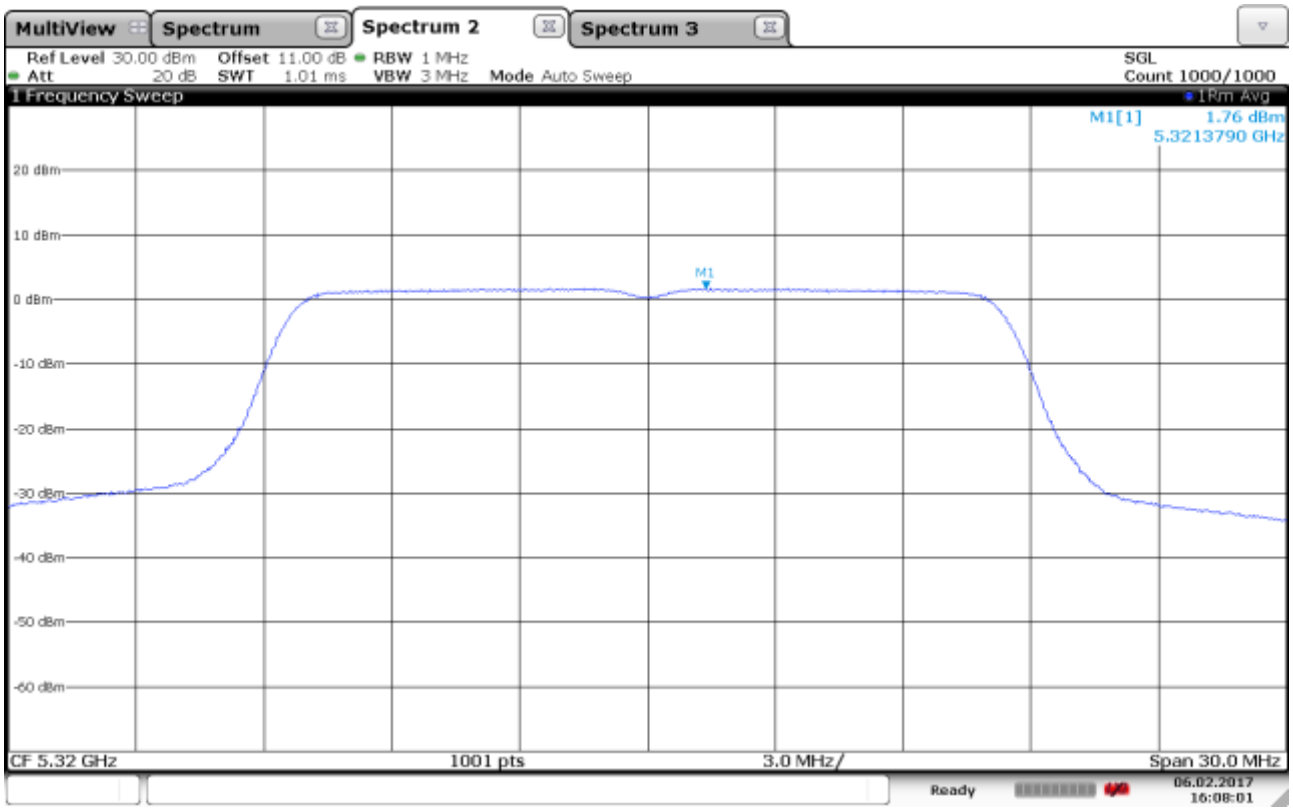
Power Spectral Density, 5240 MHz, 802.11n – MCS0, Method SA-1



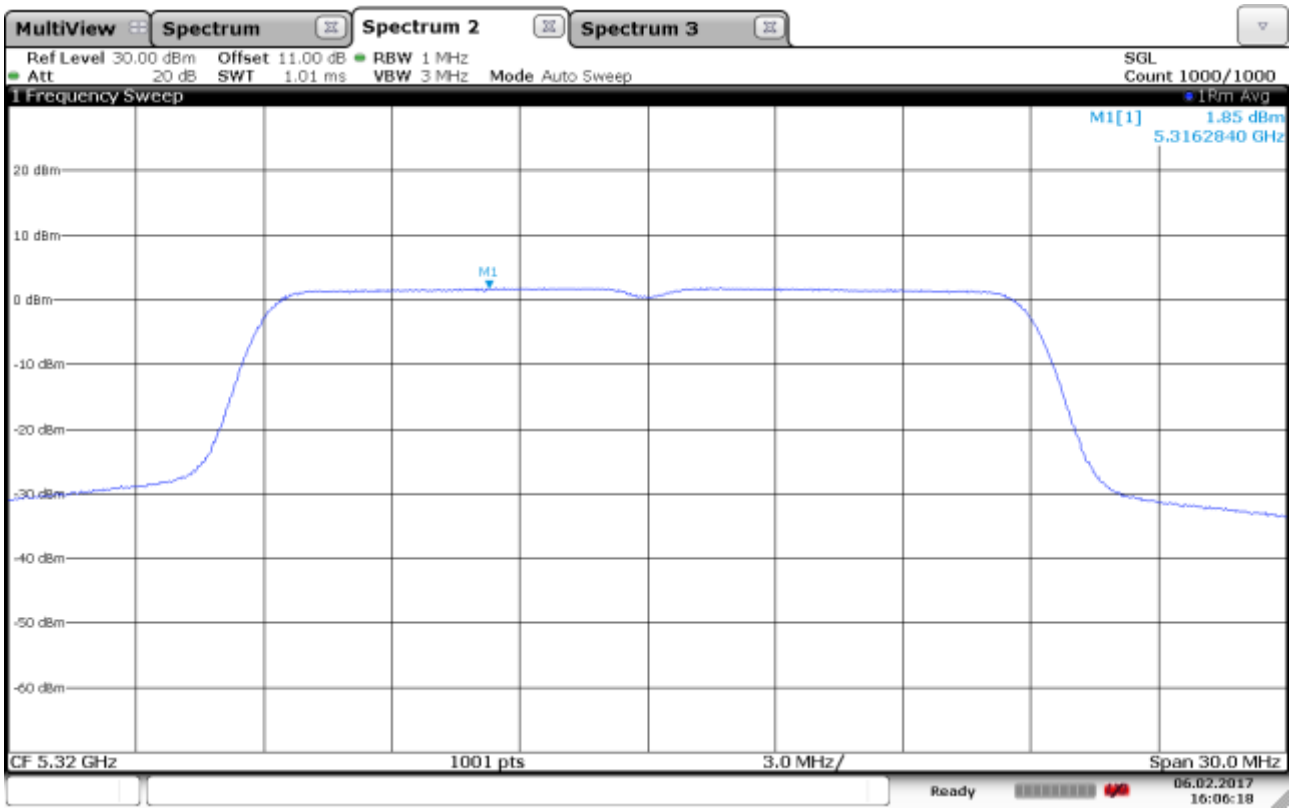
Power Spectral Density, 5260 MHz, 802.11a - 6Mbps, Method SA-1



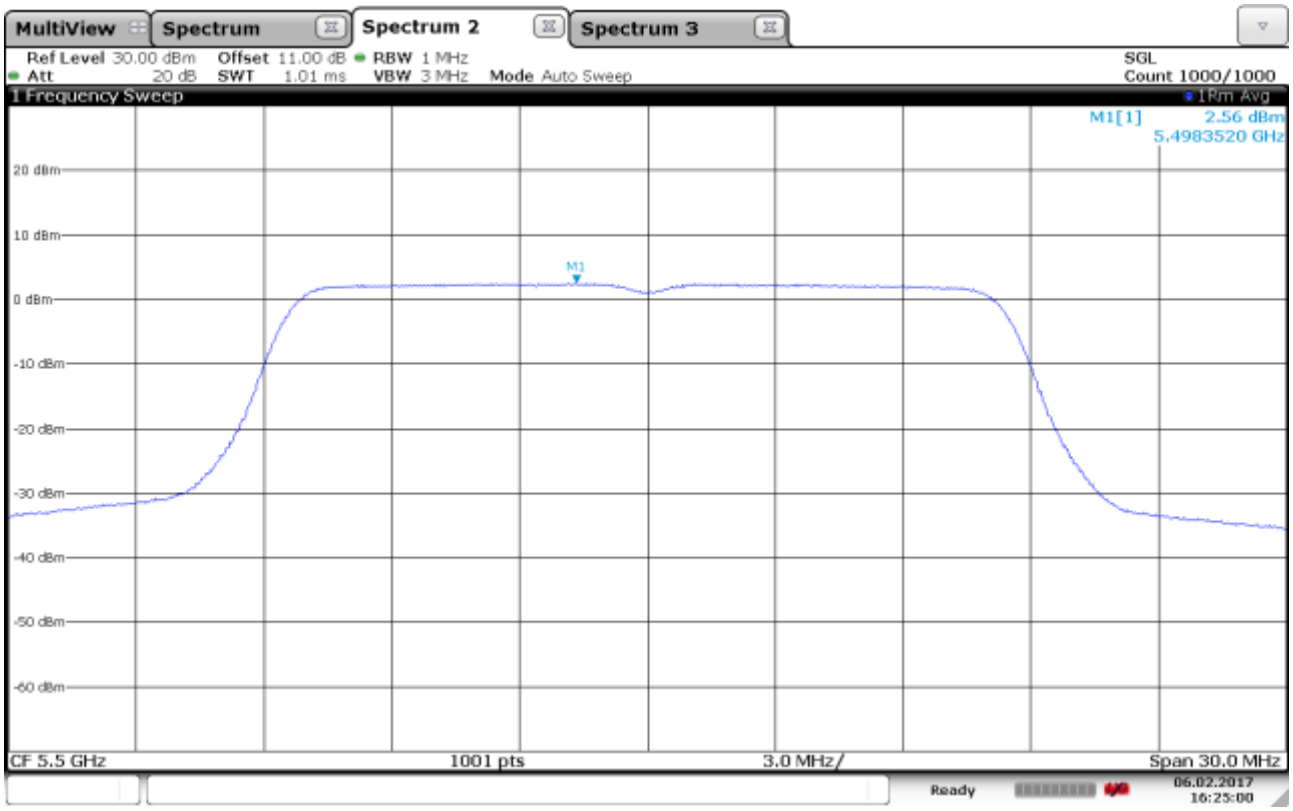
Power Spectral Density, 5260 MHz, 802.11n – MCS0, Method SA-1



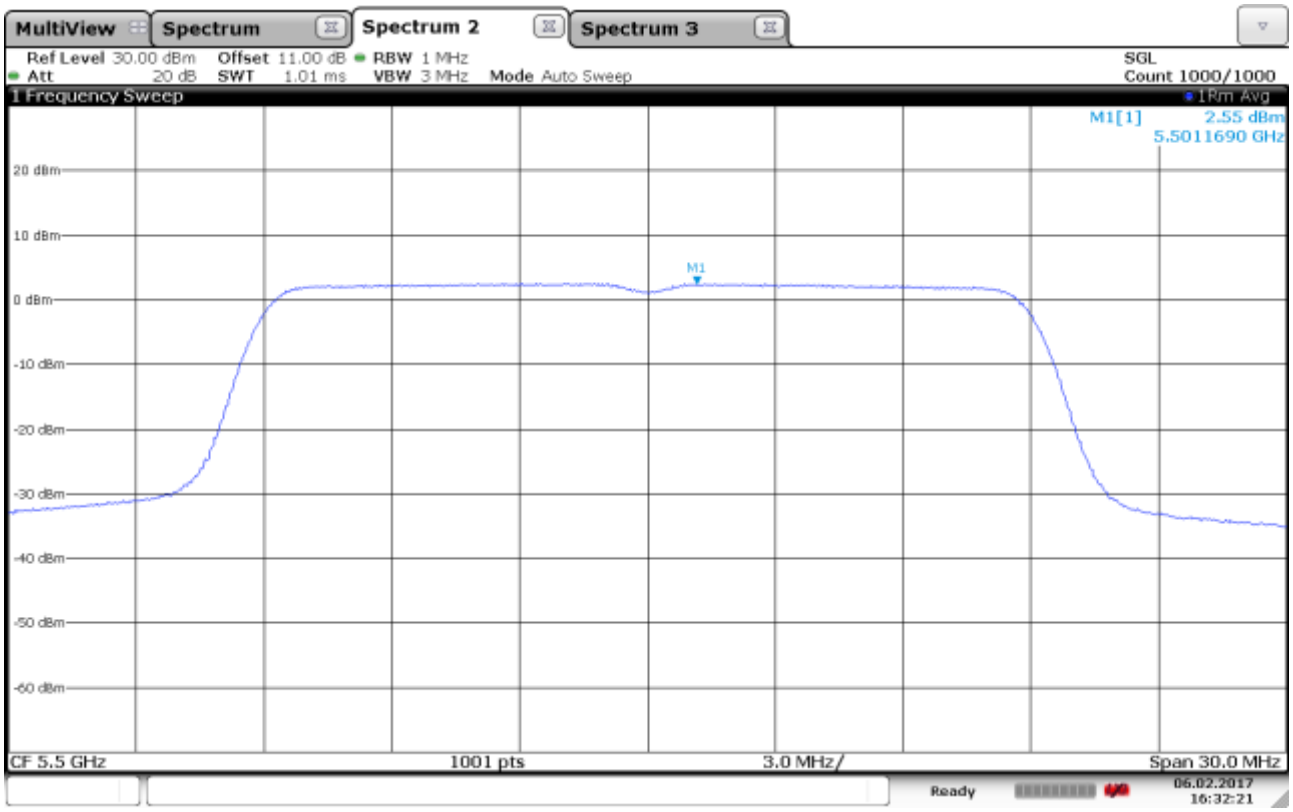
Power Spectral Density, 5320 MHz, 802.11a - 6Mbps, Method SA-1



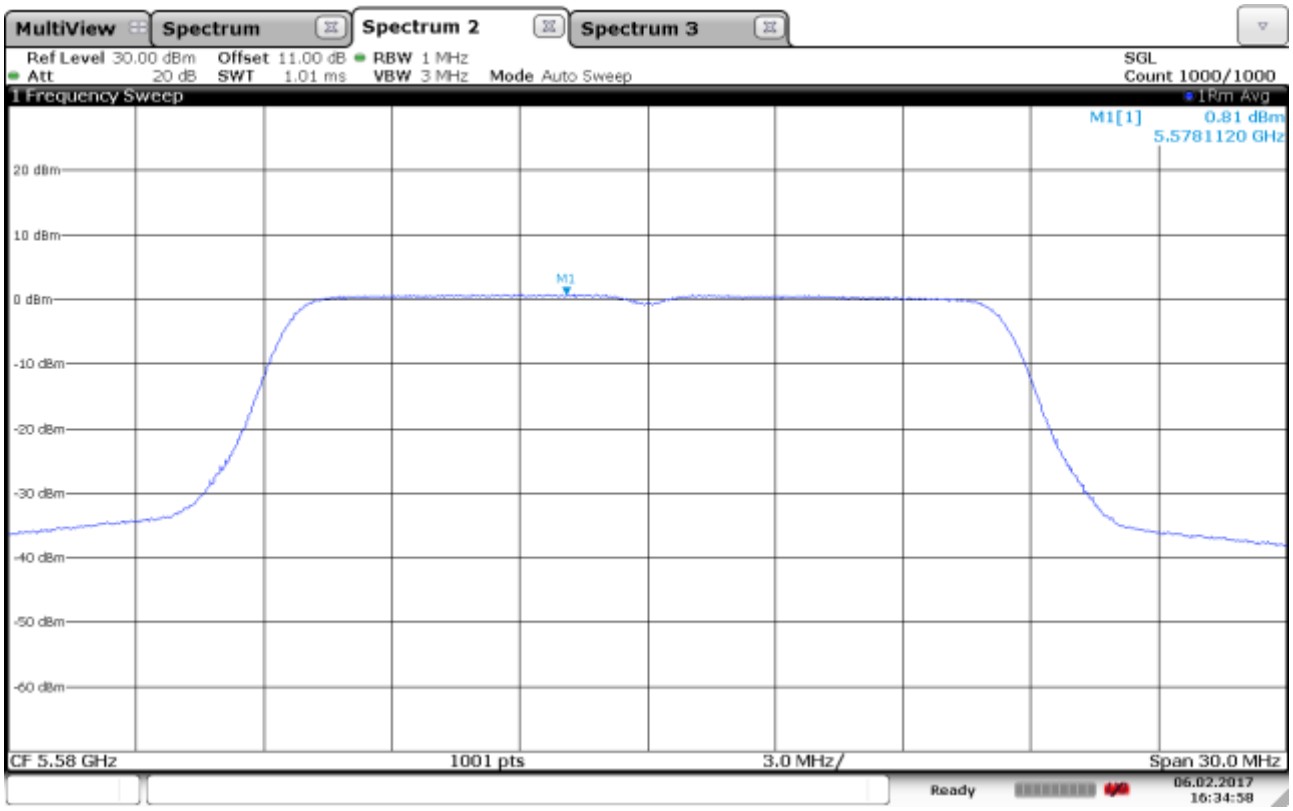
Power Spectral Density, 5320 MHz, 802.11n – MCS0, Method SA-1



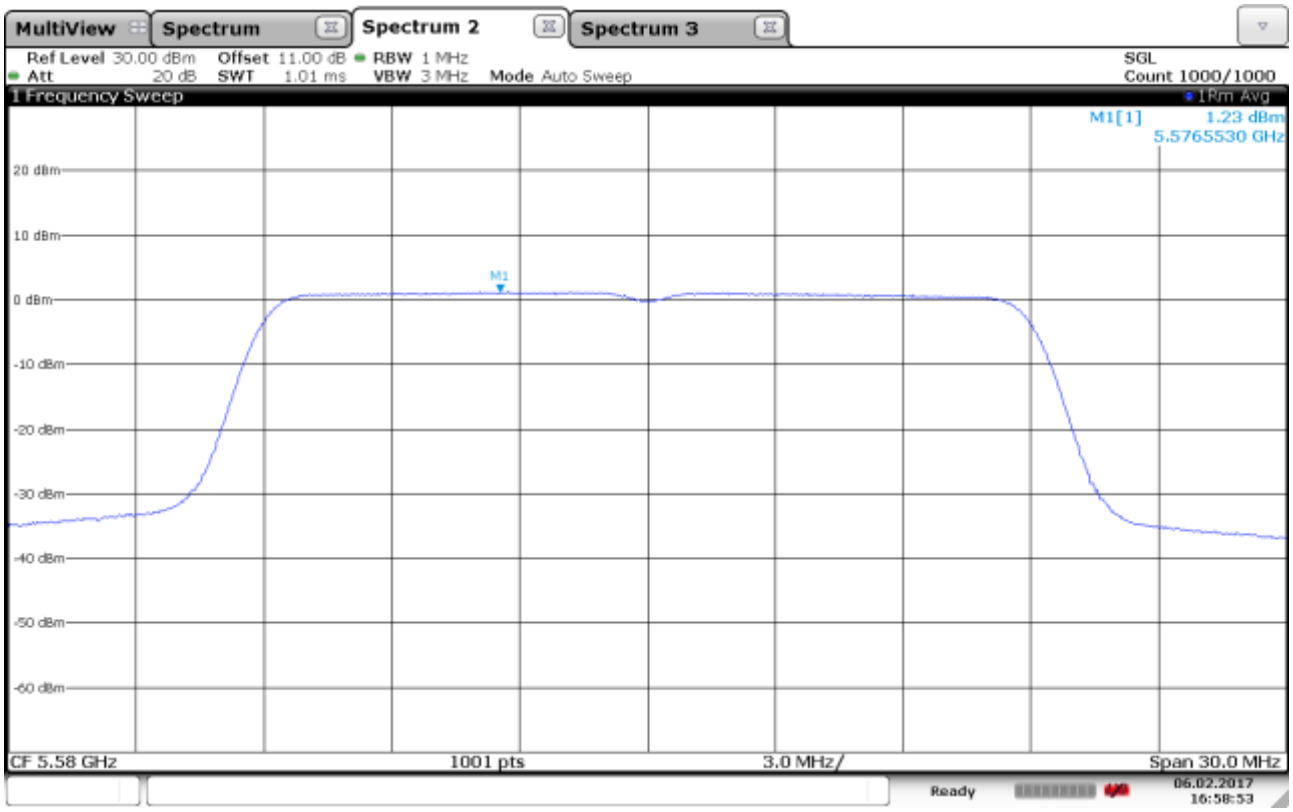
Power Spectral Density, 5500 MHz, 802.11a - 6Mbps, Method SA-1



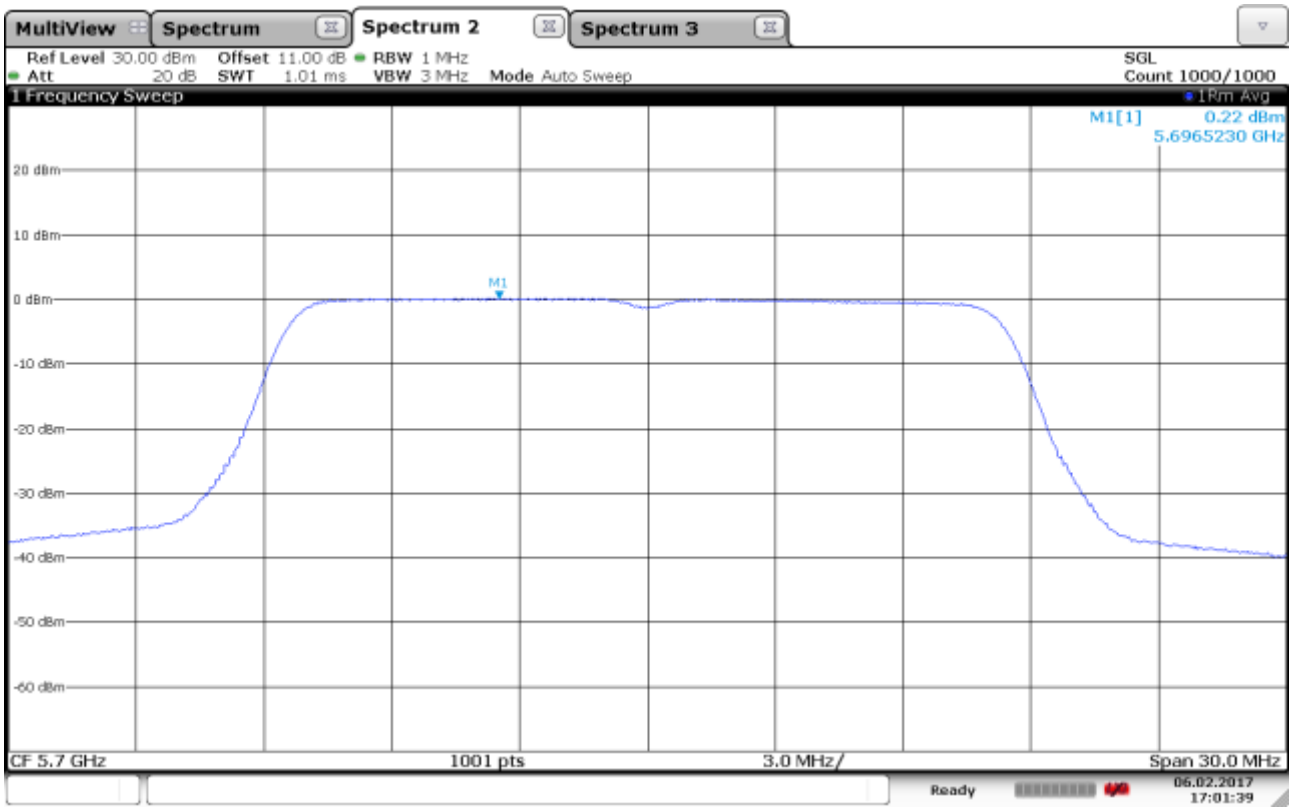
Power Spectral Density, 5500 MHz, 802.11n – MCS0, Method SA-1



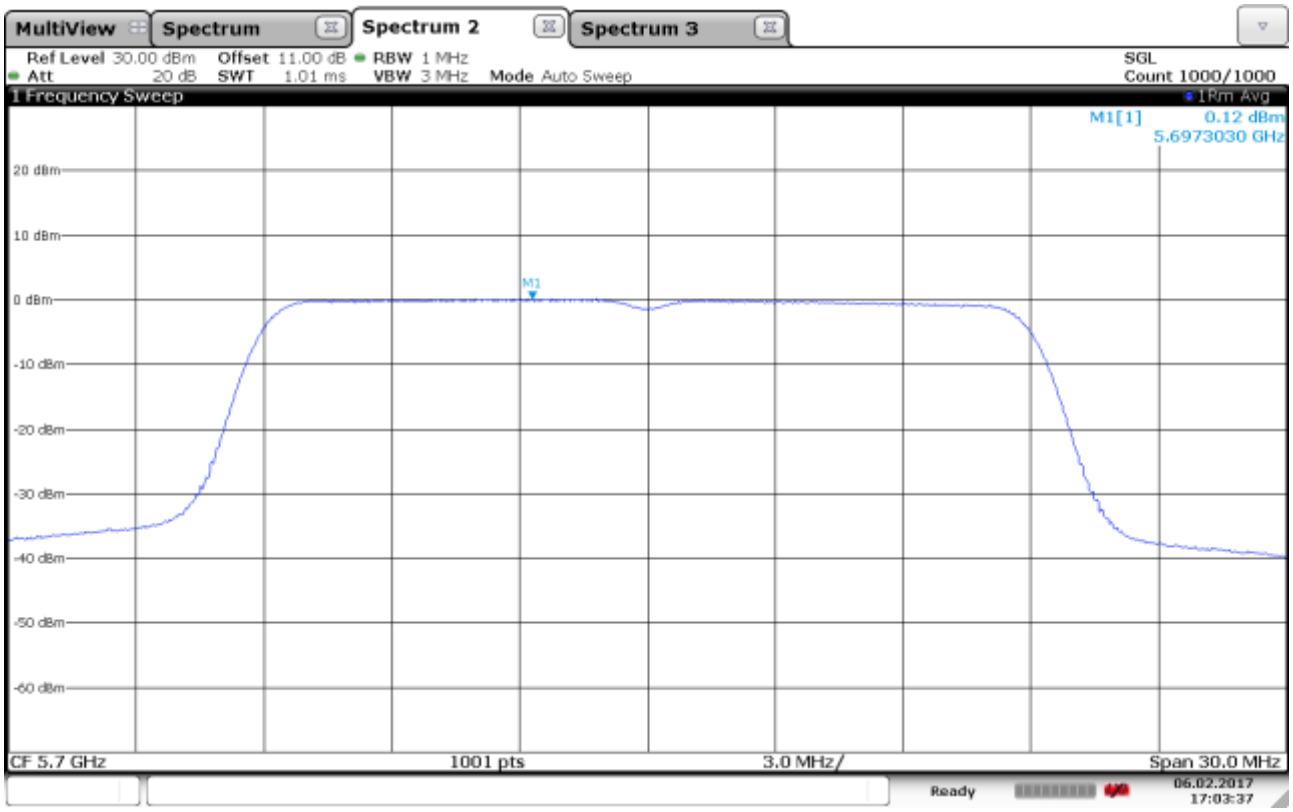
Power Spectral Density, 5580 MHz, 802.11a - 6Mbps, Method SA-1



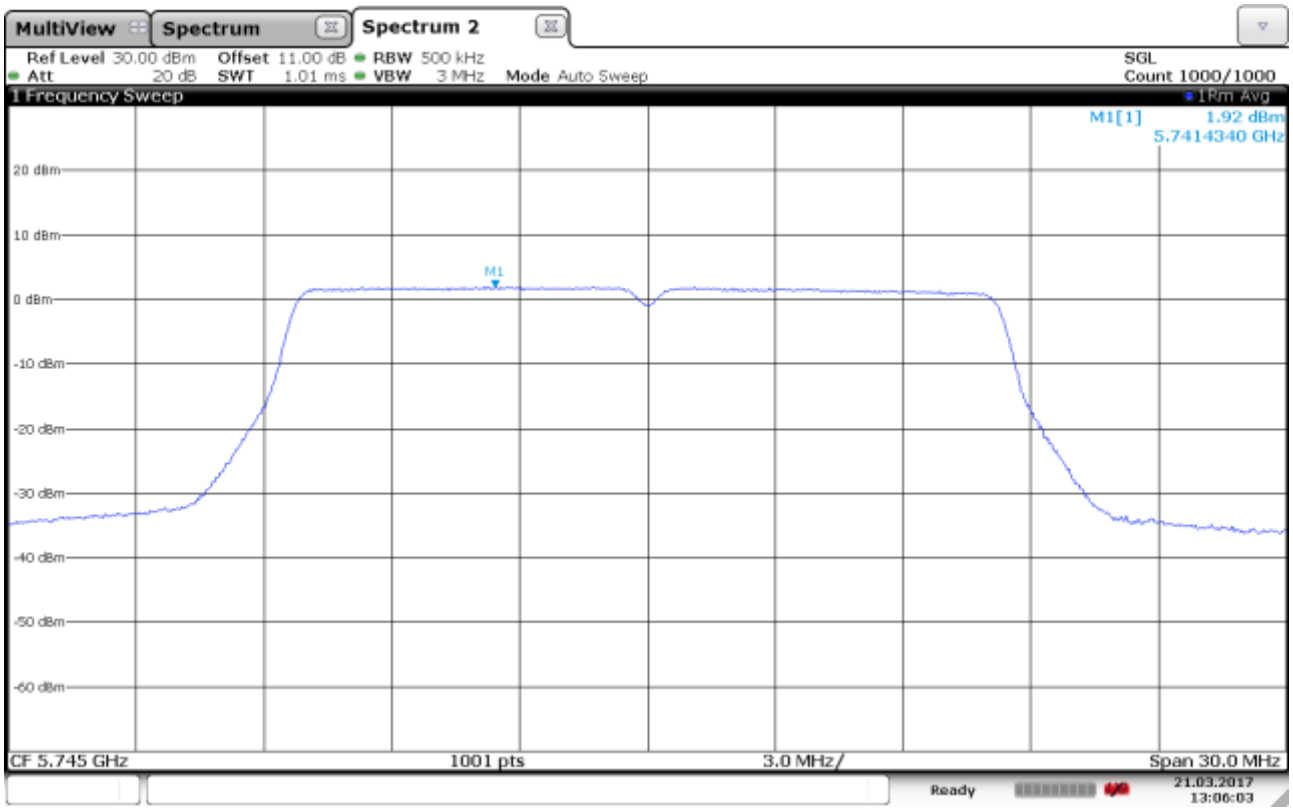
Power Spectral Density, 5580 MHz, 802.11n – MCS0, Method SA-1



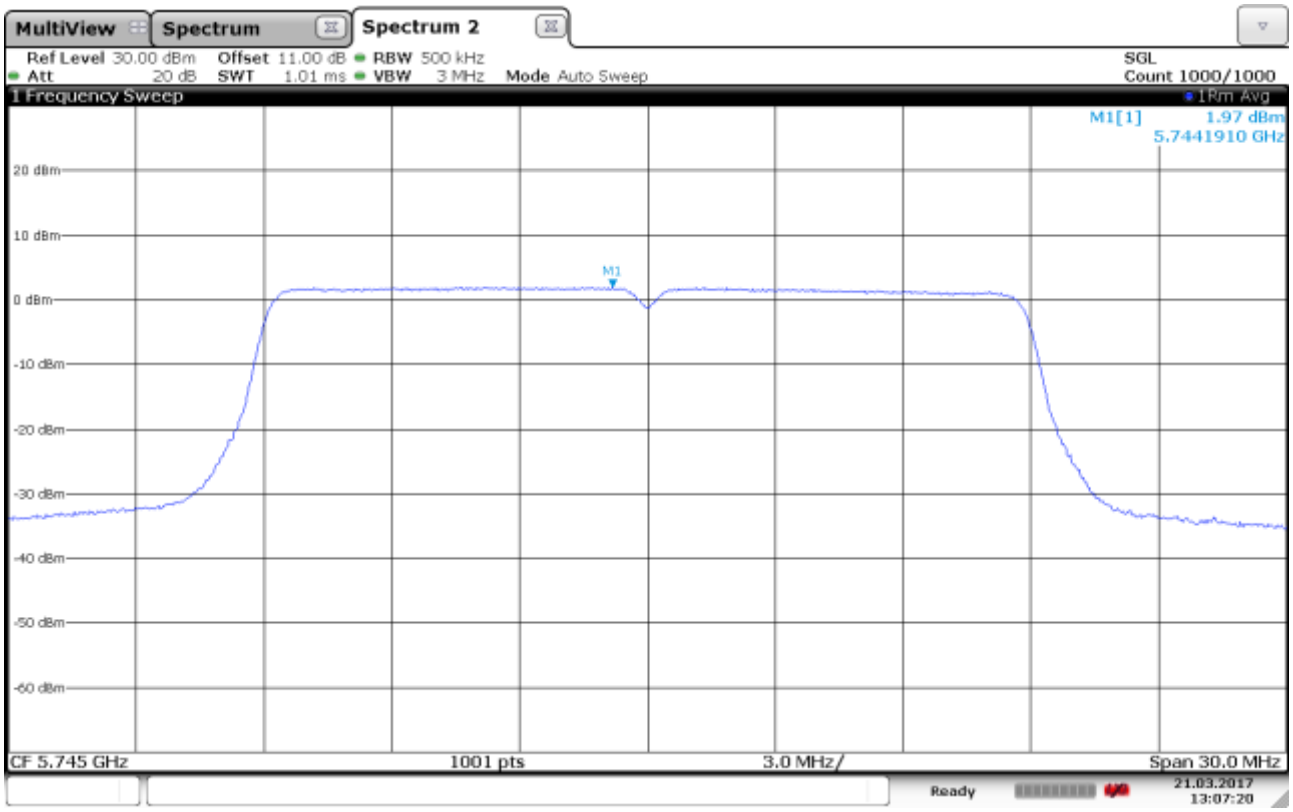
Power Spectral Density, 5700 MHz, 802.11a - 6Mbps, Method SA-1



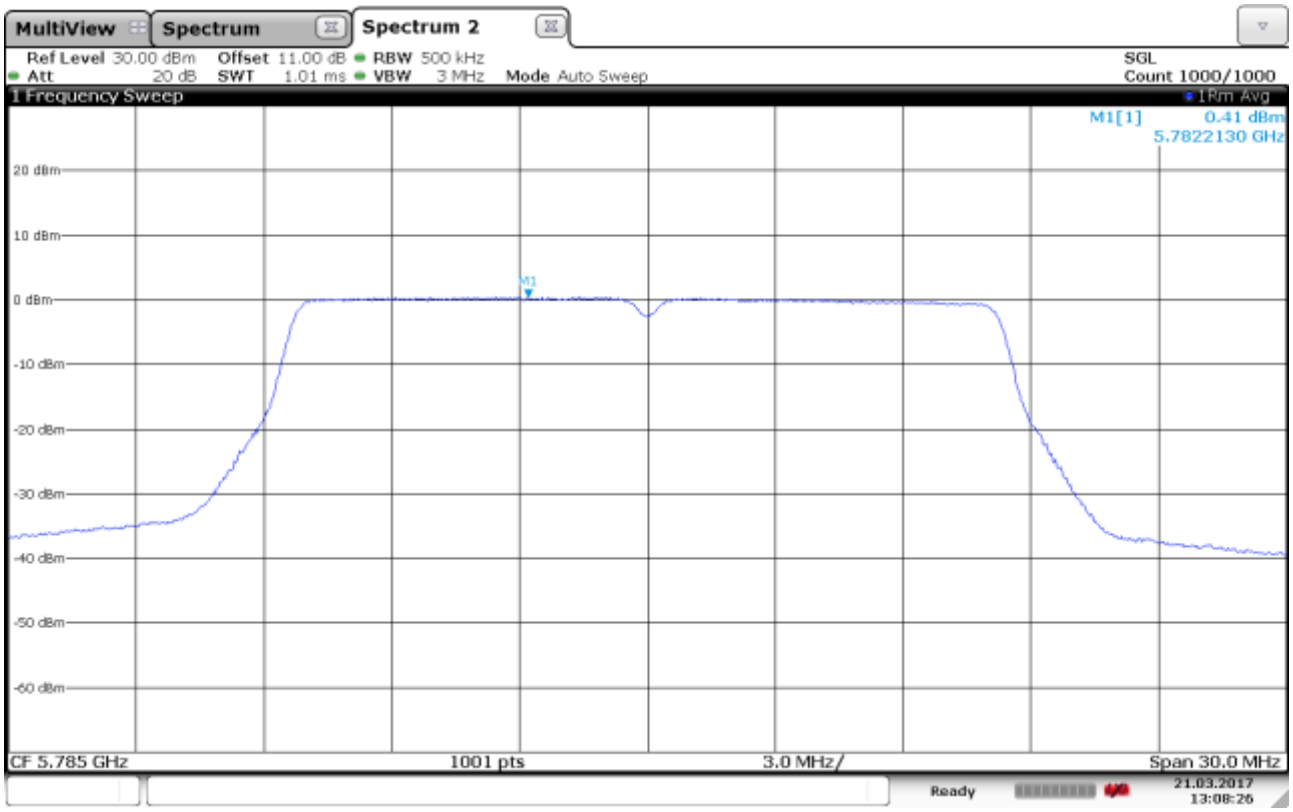
Power Spectral Density, 5700 MHz, 802.11n – MCS0, Method SA-1



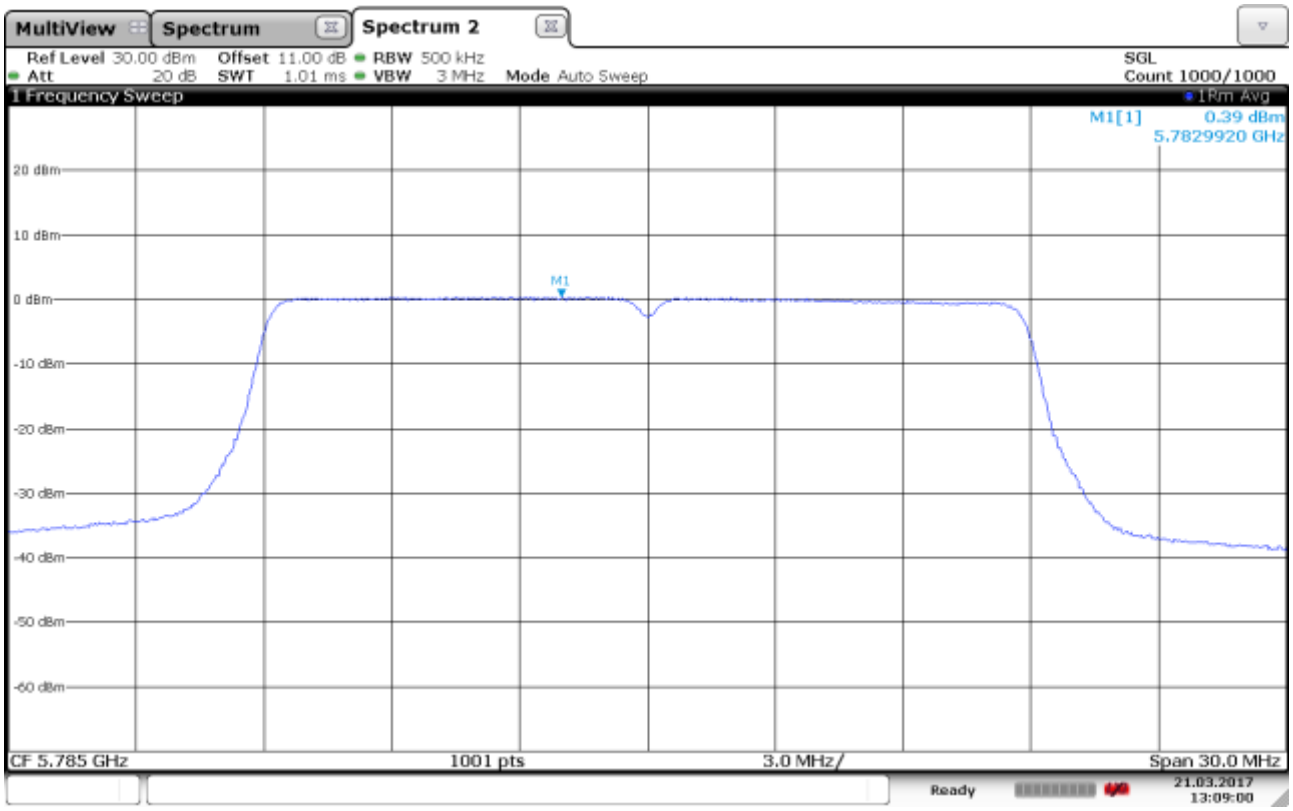
Power Spectral Density, 5745 MHz, 802.11a - 6Mbps, Method SA-1



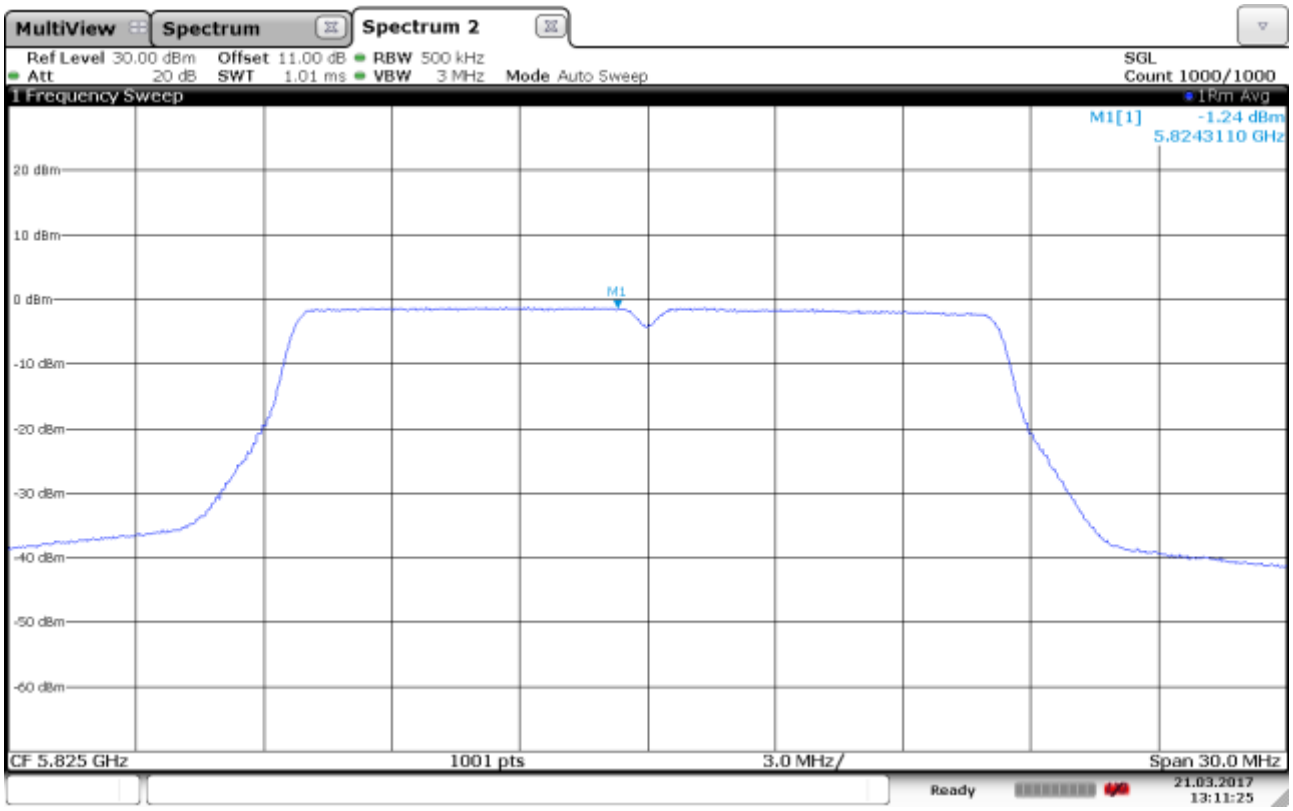
Power Spectral Density, 5745 MHz, 802.11n – MCS0, Method SA-1



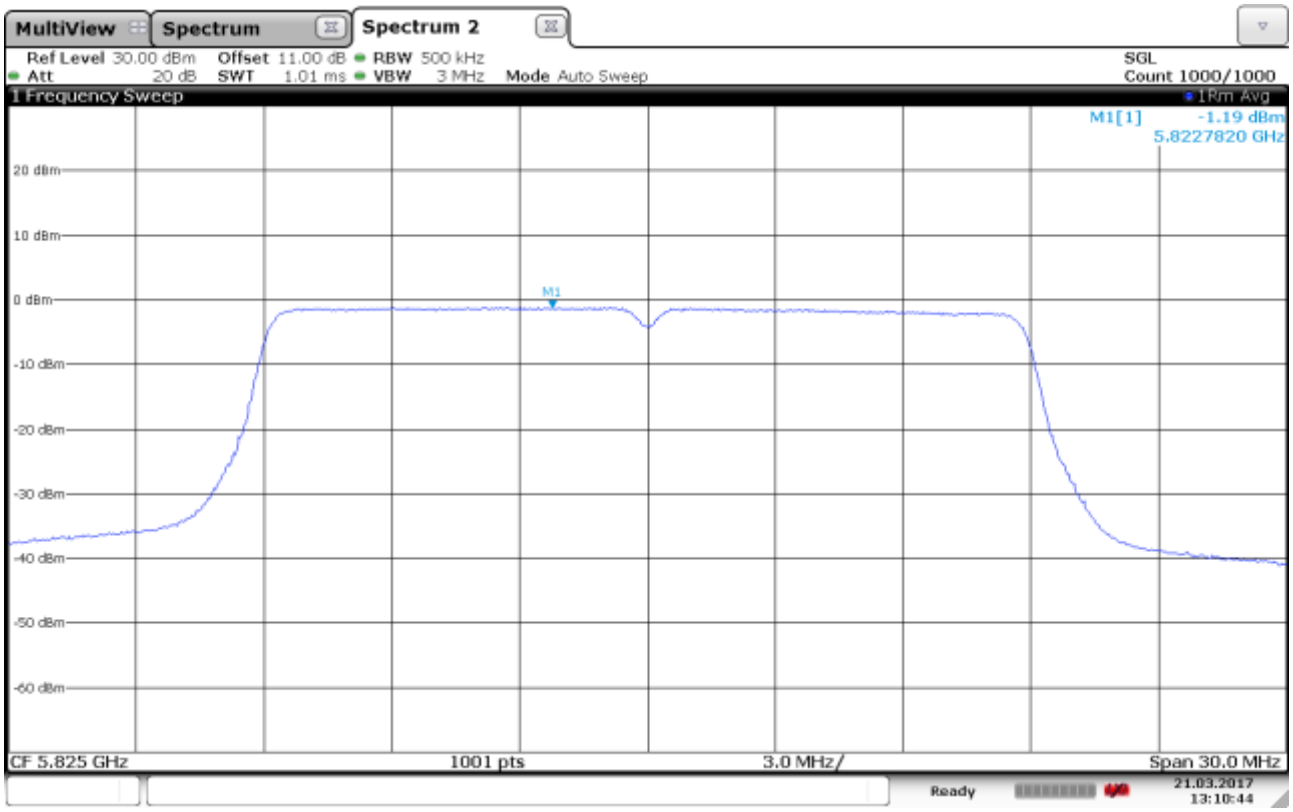
Power Spectral Density, 5785 MHz, 802.11a - 6Mbps, Method SA-1



Power Spectral Density, 5785 MHz, 802.11n – MCS0, Method SA-1



Power Spectral Density, 5825 MHz, 802.11a - 6Mbps, Method SA-1



Power Spectral Density, 5825 MHz, 802.11n – MCS0, Method SA-1

3.5 Unwanted Emissions

FCC 15.407(b)
ISED RSS-247, Issue 2, clause 6.2
Test Results: Complies
Measurement Data:

Band Edge Emissions, 5150MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
802.11a, 6M	36	5180	56.4	-38.8	-27	Complies
802.11n, MCS0	36	5180	64.5	-30.7	-27	Complies

Band Edge Emissions, 5350MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
802.11a, 6M	64	5320	59.3	-36.0	-27	Complies
802.11n, MCS0	64	5320	62.3	-33.0	-27	Complies

Band Edge Emissions, 5470MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
802.11a, 6M	100	5500	60.9	-34.3	-27	Complies
802.11n, MCS0	100	5500	59.5	-35.8	-27	Complies

Band Edge Emissions, 5720MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
802.11a, 6M	140	5700	60.6	-34.6	-27	Complies
802.11n, MCS0	140	5700	60.0	-35.2	-27	Complies

Band Edge Emissions, 5700 – 5720 MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
802.11a, 6M	149	5745	< 75.1	< -20.2	< 10 to 15.6	Complies
802.11n, MCS0	149	5745	< 75.3	< -19.9	< 10 to 15.6	Complies
Band Edge Emissions, 5650 – 5700 MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
All modulations	149	5745	< 55	< -40	< -27 to 10	Complies
Band Edge Emissions, < 5650 MHz						
Carrier Modulation	Ch. No.	Carrier Freq MHz	Measured value Peak dBµV/m @3m	Calculated value Peak dBm/MHz	Limit (dBm/MHz)	Verdict
All modulations	149	5745	< 55	< -40	< -27	Complies

Band Edge Emissions, 5855 – 5875 MHz						
Carrier Modulation	**Ch. No.**	**Carrier Freq MHz**	**Measured value Peak dBµV/m @3m**	**Calculated value Peak dBm/MHz**	**Limit (dBm/MHz)**	**Verdict**
802.11a, 6M	**165**	**5825**	**< 57.6**	**< -37.6**	**< 10 to 15.6**	**Complies**
802.11n, MCS0	**165**	**5825**	**< 56.8**	**< -38.4**	**< 10 to 15.6**	**Complies**
Band Edge Emissions, 5875 – 5925 MHz						
Carrier Modulation	**Ch. No.**	**Carrier Freq MHz**	**Measured value Peak dBµV/m @3m**	**Calculated value Peak dBm/MHz**	**Limit (dBm/MHz)**	**Verdict**
All modulations	**165**	**5825**	**< 55**	**< -40**	**< -27 to 10**	**Complies**
Band Edge Emissions, > 5925 MHz						
Carrier Modulation	**Ch. No.**	**Carrier Freq MHz**	**Measured value Peak dBµV/m @3m**	**Calculated value Peak dBm/MHz**	**Limit (dBm/MHz)**	**Verdict**
All modulations	**165**	**5825**	**< 55**	**< -40**	**< -27**	**Complies**

See plots.

All measurements were performed radiated.

EIRP values are calculated from field strength measurements using the method in KDB 412172 D01.

The EUT was first rotated in 3 planes to find the maximum position.

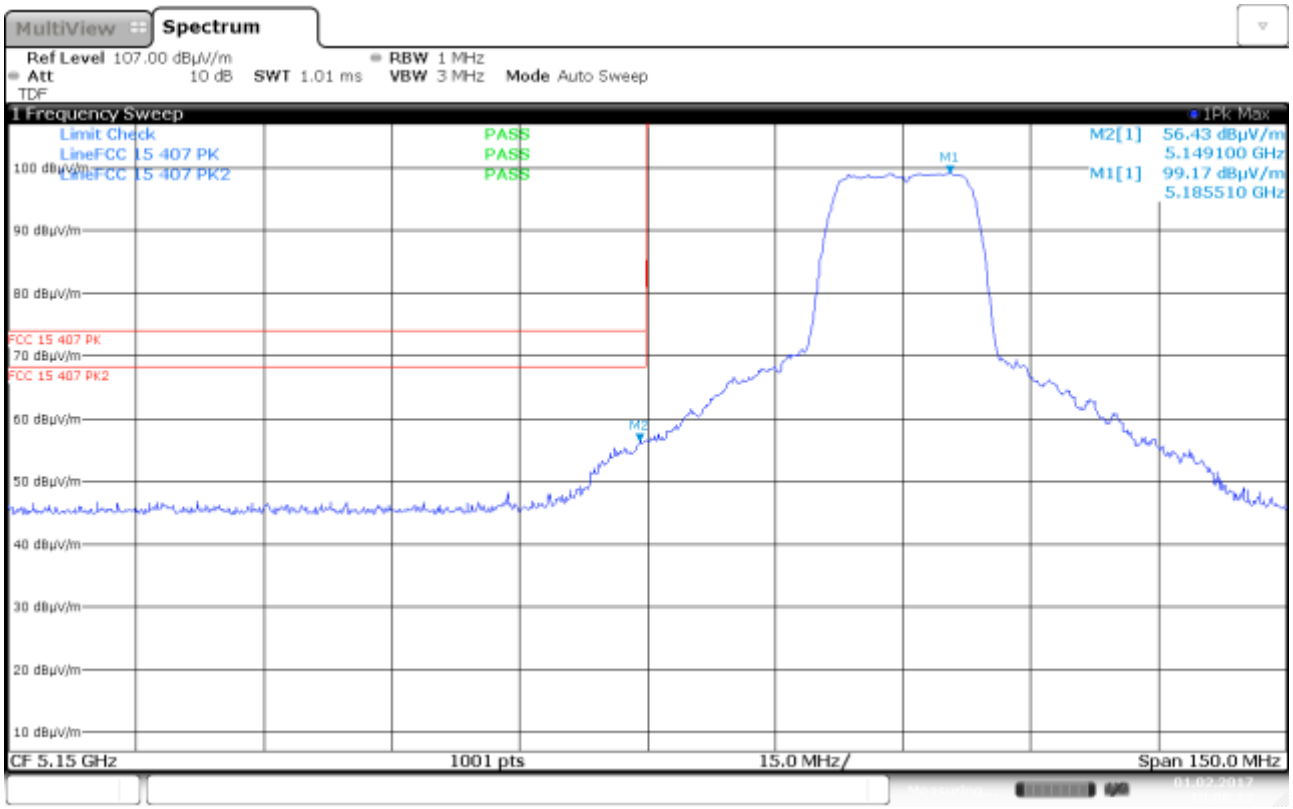
The tested equipment is for indoor use only, no band-edge requirements apply at 5250 MHz.

No spurious emissions except the above listed harmonics and band-edge emissions were found.

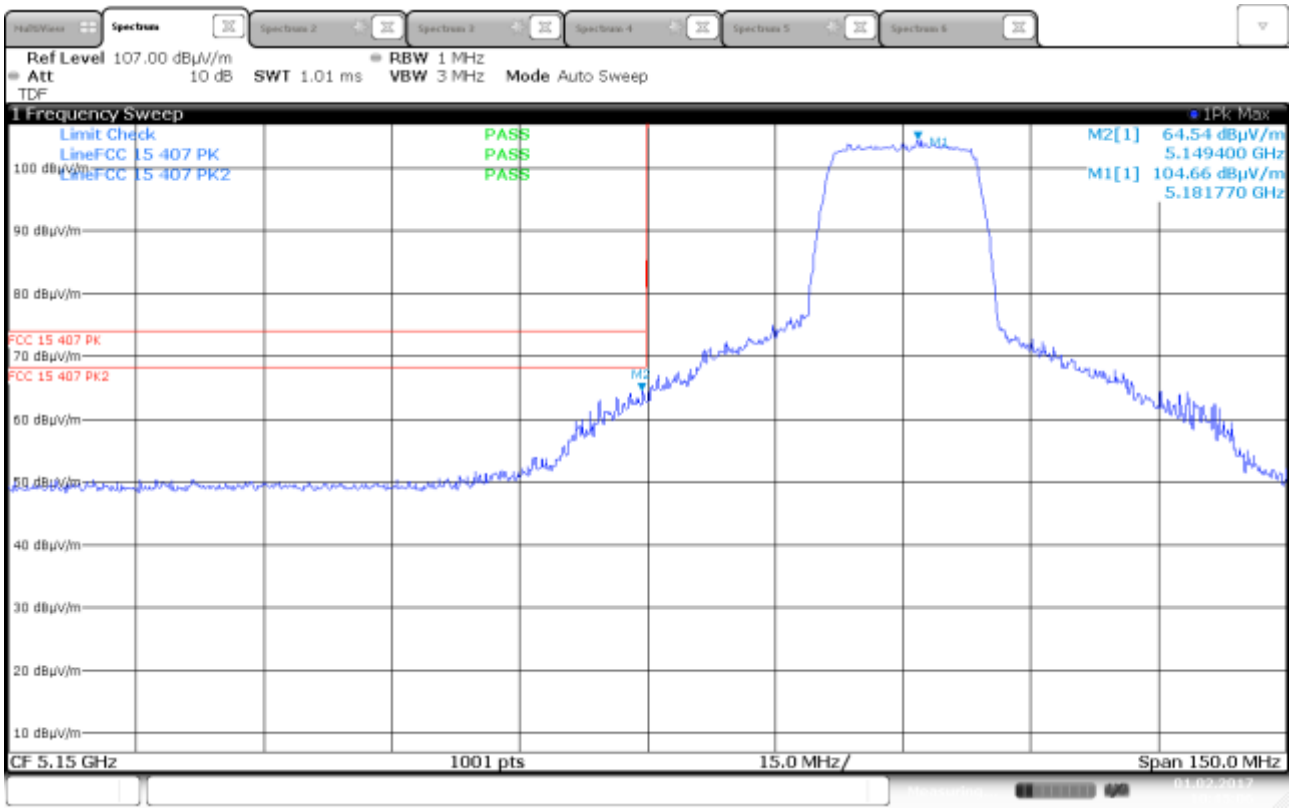
Unwanted Emissions limit:

Operating Frequency band	Limit for Emissions Outside Operating Frequency Band
5150 – 5250 MHz	**-27 dBm/MHz**
5250 – 5350 MHz	**-27 dBm/MHz**
5470 – 5725 MHz	**-27 dBm/MHz**
5725 – 5850 MHz	**See FCC 15.407(b)(4)(i) or 15.407(b)(4)(ii) and ISED RSS-247 Issue 2, Clause 6.2.4 (2)**

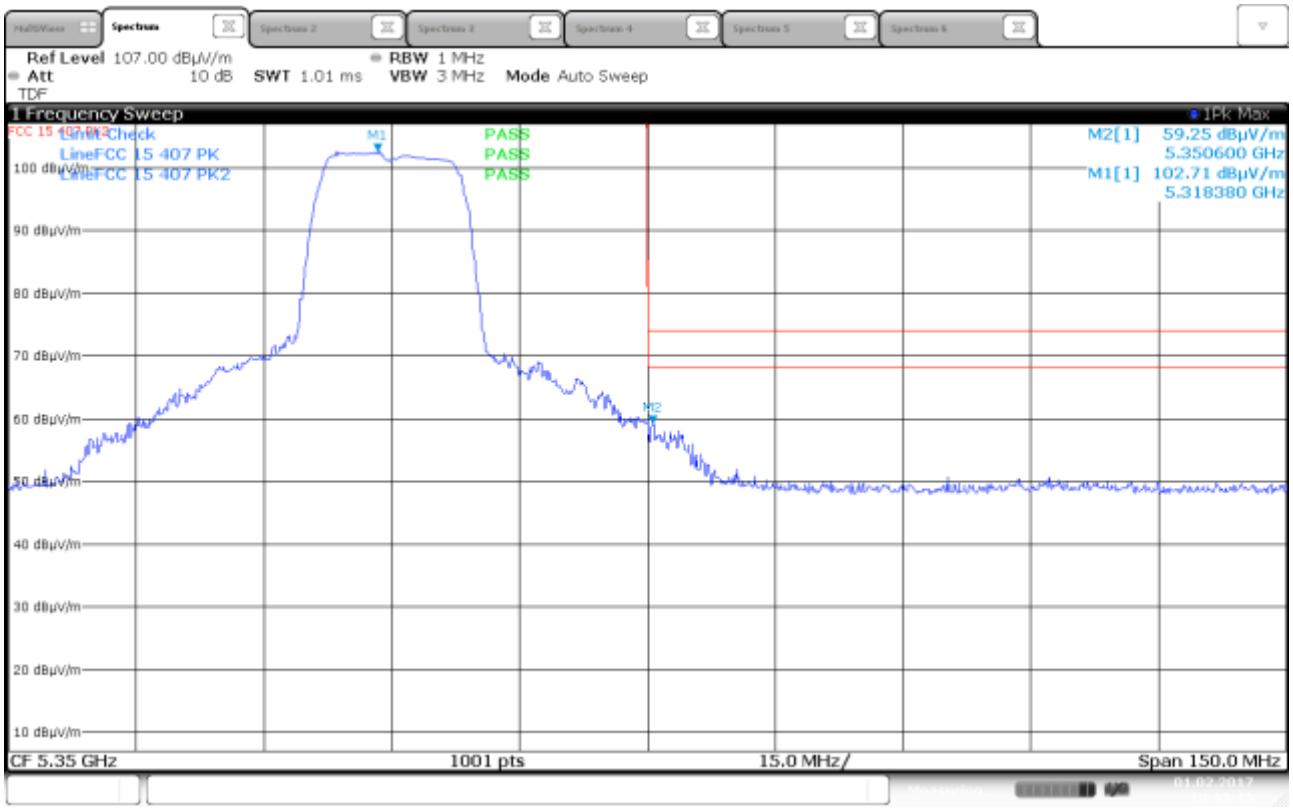
Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.



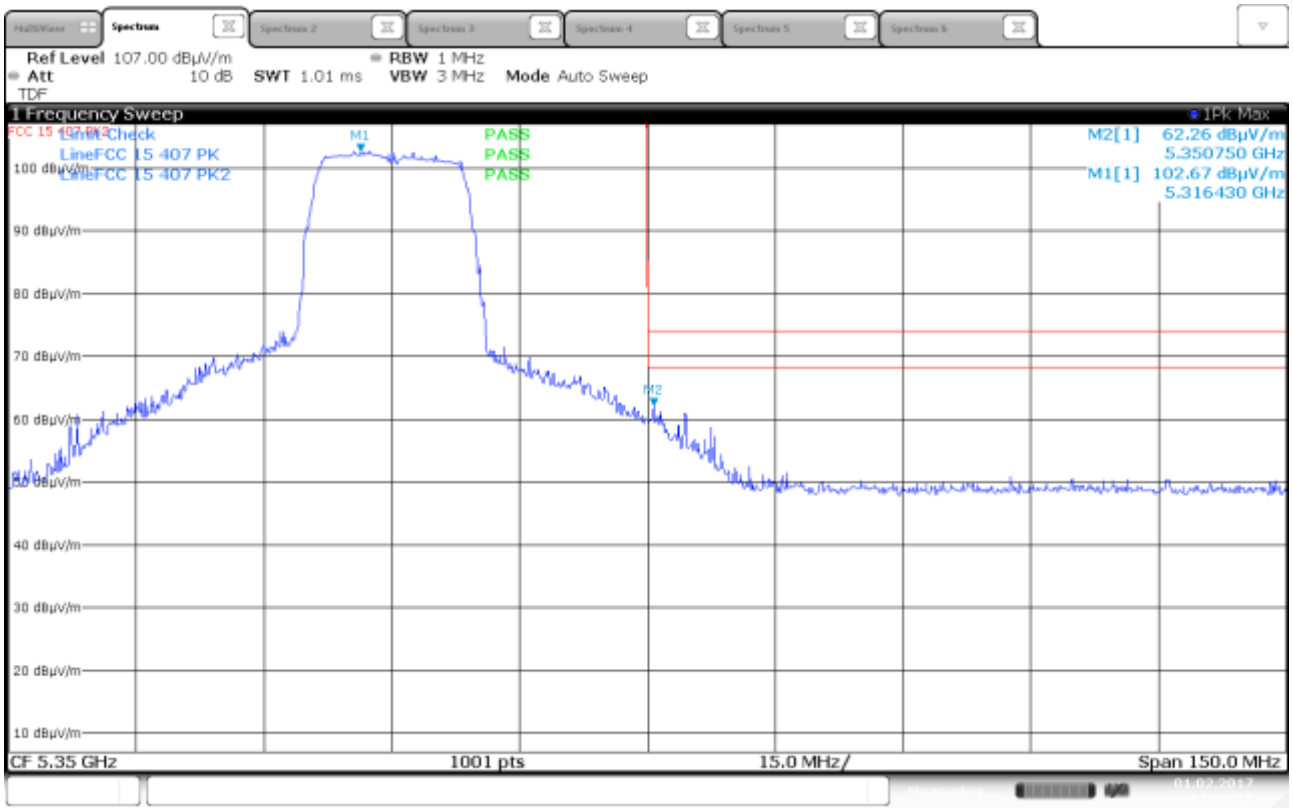
Unwanted Emissions, Band Edge, 5150 MHz, 802.11a 6Mbps



Unwanted Emissions, Band Edge, 5150 MHz, 802.11n MCS0



Unwanted Emissions, Band Edge, 5350 MHz, 802.11a 6Mbps



Unwanted Emissions, Band Edge, 5350 MHz, 802.11n MCS0