CERTIFICATE #3478.01

TEST REPORT

EUT Description	**WLAN and BT, 2x2 PCIe M.2 1216 SD adapter card, LTE Coexistence**
Brand Name	**Intel® Wi-Fi 6 AX200**
Model Name	**AX200D2WL**
FCC ID	**PD9AX200D2L**
ISED ID	**1000M-AX200D2L**
Date of Test Start/End	**2019-01-22 /2019-02-08**
Features	**802.11ax, Dual Band, 2x2 Wi-Fi + Bluetooth® 5** (see section 5)

Applicant	**Intel Mobile Communications**
Address	**100 Center Point Circle, Suite 200** **Columbia, South Carolina 29210** **USA**
Contact Person	**Steven Hackett**
Telephone/Fax/ Email	**steven.c.hackett@intel.com**

Reference Standards	**FCC CFR Title 47 Part 15 C** **RSS-247 issue 2, RSS-Gen issue 5** (see section 1)

Test Report identification	**181210-02.TR04**
Revision Control	**Rev. 00** **This test report revision replaces any previous test report revision** (see section 8)

The test results relate only to the samples tested.
The test report shall not be reproduced in full, without written approval of the laboratory.

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Table of Contents

1. Standards, reference documents and applicable test methods

1. FCC 47 CFR part 15 - Subpart C – §15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.
2. FCC 47 CFR part 15 - Subpart C – §15.209 Radiated emission limits; general requirements.
3. FCC OET KDB 558074 D01 DTS Meas Guidance v04 – Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247.
4. FCC OET KDB 662911 D01 Multiple Transmitter Output v02r01.
5. RSS-247 Issue 2 – Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
6. RSS-Gen Issue 5 – General Requirements for Compliance of Radio Apparatus.
7. ANSI C63.10-2013 – American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

2. General conditions, competences and guarantees

- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2005 testing laboratory accredited by the American Association for Laboratory Accreditation (A2LA) with the certificate number 3478.01.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is a Registered Test Site listed by ISED, with ISED Assigned Code 1000Y.
- ✓ Intel WRF Lab only provides testing services and is committed to providing reliable, unbiased test results and interpretations.
- ✓ Intel WRF Lab is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.
- ✓ Intel WRF Lab has developed calibration and proficiency programs for its measurement equipment to ensure correlated and reliable results to its customers.
- ✓ This report is only referred to the item that has undergone the test.
- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.

3. Environmental Conditions

- ✓ At the site where the measurements were performed the following limits were not exceeded during the tests:

Temperature	21 ºC ±4ºC
Humidity	34% ±14%

4. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Note
#1	181210-02.S07	RF Module	AX200D2WL	WFM:3413E8B10C33	2018-12-13	Conducted Tests
	180001-01.S19	Adapter	Socket	-	2018-12-18	
	180000-01.S08	Extender	PCB00495	ASS00495-0014950414-021	2018-11-22	
	170000-01.S04	Laptop	LATITUDE E5470	DMRKMC2	2017-05-10	
#2	181210-02.S04	RF Module	AX200D2WL	WFM:3413E8B10B66	2018-12-13	Radiated Spurious emission from 30 MHz to 6.4 GHz for DTS and from 30MHz to 1 GHz for BLE tests
	180001-01.S17	Adapter	Socket	8882-043	2018-11-22	
	180000-01.S15	Extender	PCB00495/PCB00496	4950414-064	2018-11-22	
	181210-02.S16	Antenna	WIMAX/WLAN	-	2019-01-04	
	181210-02.S17	Antenna	WIMAX/WLAN	-	2019-01-04	
	170209-01.S16	PC Dell	Latitude E5470	C1HTPF2	2017-02-09	
#3	181210-02.S05	RF Module	AX200D2WL	WFM:3413E8B10BA7	2018-12-13	Radiated Spurious emission from 6.4 GHz to 26.5 GHz for DTS and from 1 to 26.5GHz for BLE tests
	180001-01.S16	Adapter	Socket	8882-017	2018-12-19	
	180000-01.S12	Extender	PCB00495/PCB00496	ASS00495-001 4950414-028	2018-11-22	
	181210-02.S18	Antenna	WIMAX/WLAN	-	2019-01-04	
	181210-02.S19	Antenna	WIMAX/WLAN	-	2019-01-04	
	170801-01.S10	PC Dell	Latitude E5470	7KNOXF2	2017-09-08	

5. EUT Features

Brand Name	Intel® Wi-Fi 6 AX200
Model Name	AX200D2WL
FCC ID	PD9AX200D2L
ISED ID	1000M-AX200D2L
Software Version	OEM_DRTU_08900_11_1850_0G
Driver Version	99.0.41.5
Prototype / Production	Production
Supported Radios	802.11b/g/n/ax 2.4GHz (2400.0 – 2483.5 MHz) 802.11a/n/ac/ax 5.2GHz (5150.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) Bluetooth 5 2.4GHz (2400.0 – 2483.5 MHz)
Antenna Information	CHAIN A: PIFA antenna. WiFi 2.4GHz & 5GHz and BT CHAIN B: PIFA antenna. WiFi 2.4GHz & 5GHz
Additional Information	

6. Remarks and comments

N/A

7. Test Verdicts summary

7.1. 802.11 b/g/n/ax 2.4GHz

FCC part	RSS part	Test name	Verdict
15.247 (a) (2)	RSS-247 Clause 5.2 (a)	6dB Bandwidth	P
15.247 (b) (3)	RSS-247 Clause 5.4 (d)	Maximum output power and E.I.R.P	P
15.247 (e)	RSS-247 Clause 5.2 (b)	Power spectral density	P
15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen Clause 8.9	Out-of-band Emission (conducted)	P
15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen Clause 8.9	Out-of-band Emission (radiated)	P

7.2. BLE

FCC part	RSS part	Test name	Verdict
15.247 (a) (2)	RSS-247 Clause 5.2 (a)	6dB Bandwidth	P
15.247 (b) (3)	RSS-247 Clause 5.4 (d)	Maximum output power and E.I.R.P.	P
15.247 (e)	RSS-247 Clause 5.2 (b)	Power spectral density	P
15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen Clause 8.9	Out-of-band Emissions (conducted)	P
15.247 (d) 15.209	RSS-247 Clause 5.5 RSS-Gen Clause 8.9	Out-of-band Emissions (radiated)	P

P: Pass
F: Fail
NM: Not Measured
NA: Not Applicable

8. Document Revision History

Revision #	Date	Modified by	Revision Details
Rev. 00	2019-02-08	G.Gerbaud	First Issue

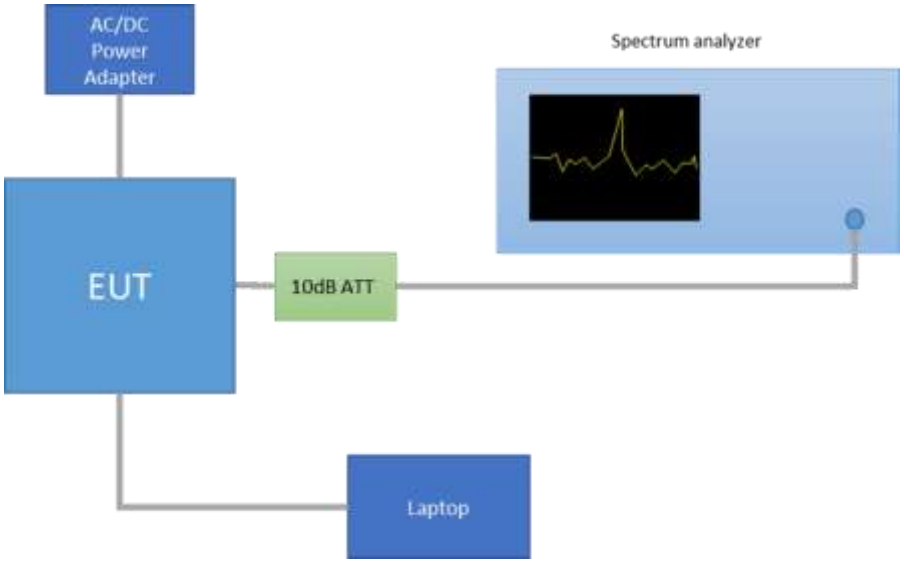
Annex A. Test & System Description

A.1 Measurement System

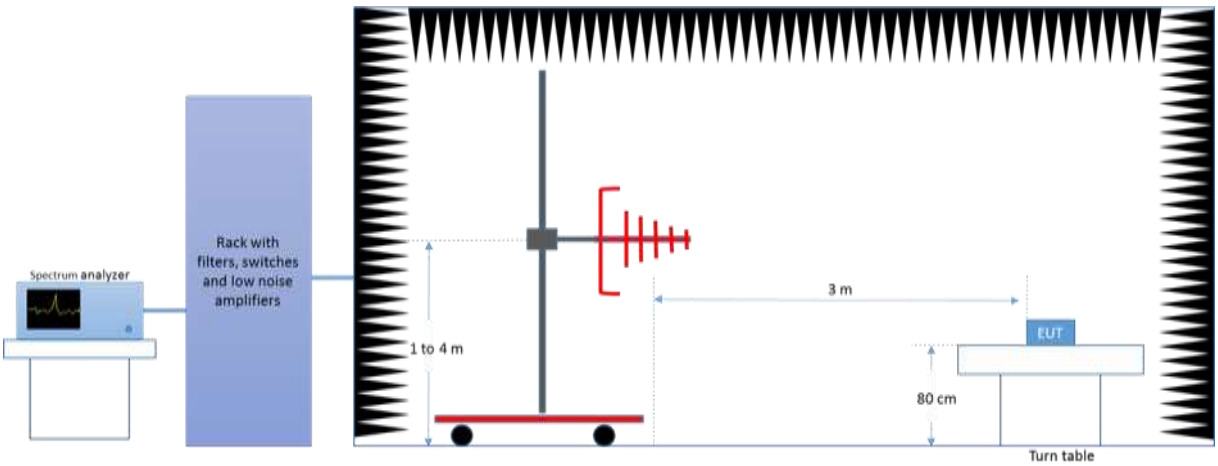
Measurements were performed using the following setups, made in accordance to the general provisions of FCC DTS Measurement KDB 558074 D01 DTS Meas Guidance.

The DUT was installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary tool DRTU.

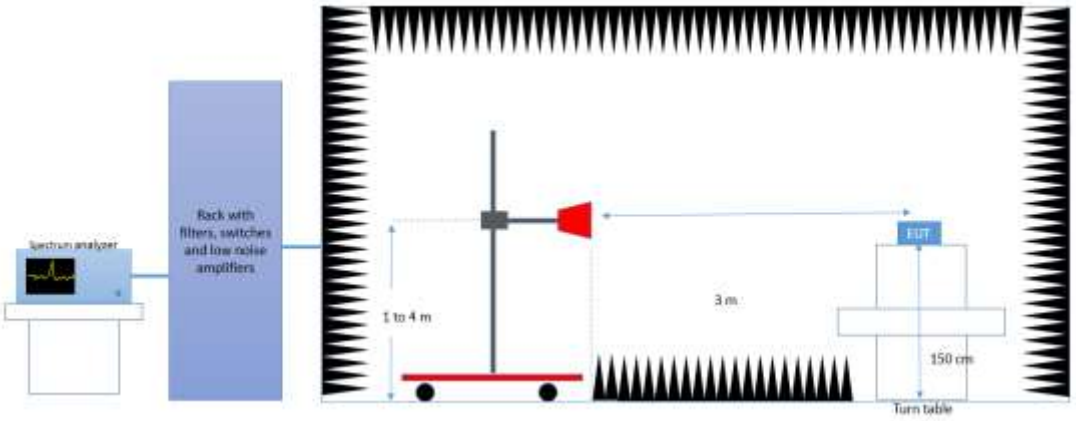
Conducted Setup



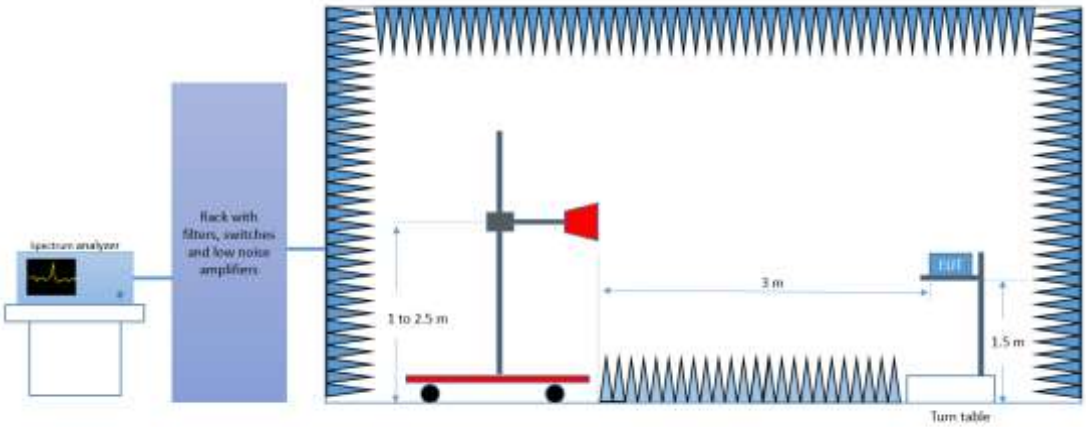
Radiated Setup 30 MHz - 1GHz



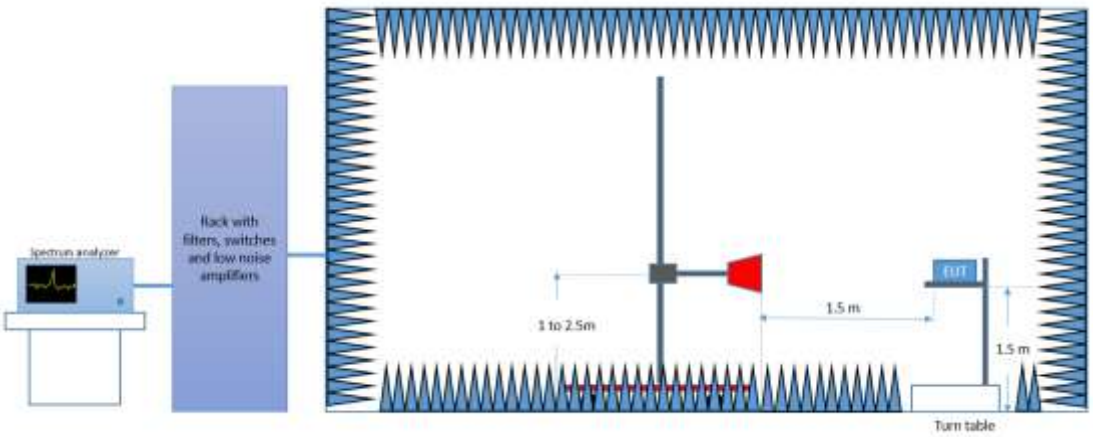
Radiated Setup 1 GHz – 6.4 GHz



Radiated Setup 6.4 GHz – 18 GHz



Radiated Setup 18 GHz – 26.5 GHz



Sample Calculation

The field strength is deduced from the radiated measurement using the following equation:

$$E = 126.8 - 20\log(\lambda) + P - G$$

where
E is the field strength of the emission at the measurement distance, in dBµV/m
P is the power measured at the output of the test antenna, in dBm
λ is the wavelength of the emission under investigation [300/f_{MHz}], in m
G is the gain of the test antenna, in dBi
NOTE – The measured power P includes all applicable instrument correction factors up to the connection to the test

Antenna e.g. cable losses, amplifier gains.

For field strength measurements made at other than the distance at which the applicable limit is specified, the field strength of the emission at the distance specified by the limit is deduced as follows:

$$E_{SpecLimit} = E_{Meas} + 20\log(D_{Meas}/D_{SpecLimit})$$

where

$E_{SpecLimit}$ is the field strength of the emission at the distance specified by the limit, in dBµV/m
E_{Meas} is the field strength of the emission at the measurement distance, in dBµV/m
D_{Meas} is the measurement distance, in m
$D_{SpecLimit}$ is the distance specified by the limit, in m

A.2 Test Equipment List

Conducted Setup

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0258	Spectrum analyzer	FSV30	101318	Rohde & Schwarz	2018-04-12	2020-04-12

Radiated Setup-1

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0420	Spectrum analyzer	FSV40	101556	Rohde & Schwarz	2018-04-11	2020-04-11
0137	Log antenna 30 MHz – 1 GHz	3142E	00156946	ETS Lindgren	2017-12-19	2019-12-19
0325	Double Ridged Horn Antenna 1 GHz – 18 GHz	3117	00157734	ETS Lindgren	2017-08-22	2019-08-22
0135	Semi Anechoic chamber	FACT 3	5720	ETS Lindgren	2018-04-18	2020-04-18
0530	Measurement Software	EMC32	100623	Rohde & Schwarz	N/A	N/A
0616	Power Sensor 50MHz-18GHz	NRP-Z81	104385	Rohde & Schwarz	2018-04-16	2020-04-16
0013	Power Sensor 50MHz-18GHz	NRP-Z81	101152	Rohde & Schwarz	2018-04-16	2020-04-16

N/A: Not Applicable

Radiated Setup-2

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
0133	Spectrum analyzer	FSV40	101358	Rohde & Schwarz	2018-05-17	2020-05-17
0141	Double Ridged Horn Antenna 1 GHz – 18 GHz	3117	00157736	ETS Lindgren	2018-05-11	2020-05-11
0334	Double Ridged Horn Antenna 18 GHz – 40 GHz	3116C-PA	00196308	ETS Lindgren	2017-08-22	2019-08-22
0337	Full Anechoic chamber	RFD_FA_100	5996	ETS Lindgren	2018-04-17	2020-04-17
0329	Measurement Software	EMC32	100401	Rohde & Schwarz	N/A	N/A
0617	Power Sensor 50MHz-18GHz	NRP-Z81	104386	Rohde & Schwarz	2018-04-16	2020-04-16
0618	Power Sensor 50MHz-18GHz	NRP-Z81	104382	Rohde & Schwarz	2018-04-16	2020-04-16

N/A: Not Applicable

A.3 Measurement Uncertainty Evaluation

The system uncertainty evaluation is shown in the below table:

Measurement type	Uncertainty [±dB]
Conducted Power	±1.0
Conducted Spurious Emission	±2.9
Radiated tests <1GHz	±3.8
Radiated tests 1GHz - 40 GHz	±4.7

Annex B. Test Results DTS

B.1 Test Conditions

For 802.11b/g modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, but not simultaneously.
For 802.11n20 & 802.11ax20 (20 MHz channel bandwidth), 802.11n40 & 802.11ax40 (40MHz channel bandwidth) modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, and also simultaneously.
For Bluetooth Low Energy mode the EUT can transmit only at CHAIN A RF output.

The conducted RF output power at each chain was adjusted according to the client's supplied target values (see following table) using the Intel DRTU tool and measuring the power by using a spectrum analyzer with the channel integration method according to section 9.2.2.2 (Method AVGSA-1) of KDB 558074 D01 .
Measured values for adjustment were within ±0.25 dB from the declared target values.

2.4GHz DTS & BLE					Conducted Power, Target Value (dBm)		
Mode	BW (MHz)	Data Rate	CH #	Freq. (MHz)	SISO Chain A	SISO Chain B	MIMO at both ports A and B
802.11b	20	1Mbps	1	2412	20.00	19.50	-
			7	2442	21.00	21.00	-
			11	2462	19.50	20.00	-
			12	2467	18.50	18.50	-
			13	2472	15.00	15.50	-
802.11g	20	6Mbps	1	2412	18.00	18.50	-
			7	2442	20.50	20.50	-
			11	2462	15.00	15.00	-
			12	2467	13.50	13.50	-
			13	2472	11.50	11.50	-
802.11n	20	HT0 HT8*	1	2412	17.50	18.00	20.50
			7	2442	21.00	21.00	21.00
			11	2462	15.00	15.50	17.50
			12	2467	13.50	13.50	15.50
			13	2472	12.00	12.00	13.50
802.11n	40	HT0 HT8*	3	2422	17.50	17.50	19.50
			7	2442	17.00	17.00	19.50
			9	2452	14.00	14.50	16.00
			10	2457	11.50	12.00	14.00
			11	2462	12.00	12.00	14.50
802.11ax	20	HE0	1	2412	17.00	18.50	19.50
			7	2442	19.50	19.50	19.50
			11	2462	15.50	15.50	17.00
			12	2467	13.50	14.00	15.50
			13	2472	11.00	11.00	18.00
802.11ax	40	HE0	3	2422	17.00	17.50	19.50
			7	2442	17.00	17.00	19.50
			9	2452	14.00	14.00	15.50
			10	2457	11.50	12.00	13.50
			11	2462	11.50	11.50	11.50
Bluetooth Low Energy	2	1Mbps	37	2412	8.50	-	-
			17	2440	8.50	-	-
			39	2462	9.00	-	-

* Note: HT8 for MIMO modes only

The following data rates were selected based on preliminary testing that identified those rates as the worst cases for output power and spurious levels at the band edges:

Transmission	Mode	Bandwidth (MHz)	Worst Case Data Rate
SISO	802.11b	20	1Mbps
	802.11g	20	6Mbps
	802.11n	20	HT0
		40	HT0
	802.11ax	20	HE0
		40	HE0
MIMO	802.11n	20/40	HT8
	802.11ax	20/40	HE0

Alternative channels to the lowest and highest channels per band have been also tested for Band Edge compliance.

B.2 Test Results Tables

B.2.1 6dB & 99% Bandwidth

Test limits

FCC part	RSS part	Limits
15.247 (a) (2)	RSS-247 Clause 5.2 (a)	Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the 6dB & 99% Bandwidth. 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.

Results tables

Mode	Rate	Antenna	Channel	Freq [MHz]	6dB BW [MHz]	99% BW [MHz]
802.11b	1Mbps	SISO A	1	2412	**10.10**	13.36
			7	2442	10.08	13.76
			11	2462	10.10	13.55
			12	2467	9.81	13.54
			13	2472	10.10	13.48
		SISO B	1	2412	8.09	13.48
			7	2442	9.07	**14.21**
			11	2462	8.58	13.69
			12	2467	8.09	13.60
			13	2472	10.08	13.42
802.11g	6Mbps	SISO A	1	2412	16.34	16.80
			7	2442	**16.35**	**19.89**
			11	2462	16.33	16.74
			12	2467	16.34	16.80
			13	2472	16.34	16.43
		SISO B	1	2412	16.34	16.83
			7	2442	16.34	19.19
			11	2462	16.34	16.75
			12	2467	16.32	16.76
			13	2472	16.34	16.42
802.11n20	HT0	SISO A	1	2412	17.58	17.87
			7	2442	17.58	**21.95**
			11	2462	17.34	17.86
			12	2467	16.95	17.89
			13	2472	17.58	17.59
		SISO B	1	2412	17.58	17.91
			7	2442	**17.60**	20.61
			11	2462	17.57	17.87
			12	2467	17.59	17.89
			13	2472	17.58	17.58
	HT8	MIMO A	1	2412	17.59	17.92
			7	2442	17.58	17.95
			11	2462	17.57	20.00
			12	2467	17.34	17.93
			13	2472	17.59	17.59
		MIMO B	1	2412	17.60	17.89
			7	2442	17.59	17.91
			11	2462	17.59	17.84
			12	2467	17.60	17.87
			13	2472	17.59	17.59
802.11n40	HT0	SISO A	3	2422	36.11	36.46
			7	2442	36.07	36.45
			9	2452	35.51	36.42
			10	2457	36.09	36.45
			11	2462	36.16	36.21
		SISO B	3	2422	36.34	**36.50**
			7	2442	36.14	36.46
			9	2452	35.85	36.43
			10	2457	35.56	36.46
			11	2462	36.14	36.21
	HT8	MIMO A	3	2422	36.11	36.46
			7	2442	36.15	36.45
			9	2452	35.85	36.41
			10	2457	36.09	36.45
			11	2462	36.11	36.22
		MIMO B	3	2422	**36.37**	36.34
			7	2442	36.11	36.29
			9	2452	36.36	36.28
			10	2457	36.34	36.30
			11	2462	36.10	13.12

Max Value

Mode	Rate	Antenna	Channel	Freq [MHz]	RU config.	6dB BW [MHz]	99% BW [MHz]
802.11ax20	HE0	SISO A	1	2412	Full	18.87	19.04
					26/0	2.00	18.15
					52/37	16.98	18.01
					106/53	17.10	17.75
			7	2442	Full	18.63	**19.10**
			11	2462	Full	18.58	19.02
			12	2467	Full	18.47	19.03
			13	2472	Full	18.53	18.75
					26/8	1.97	17.99
					52/40	14.44	17.95
					106/54	16.97	17.80
		SISO B	1	2412	Full	**18.92**	19.03
					26/0	2.02	2.87
					52/37	16.98	18.25
					106/53	17.11	18.05
			7	2442	Full	18.84	19.06
			11	2462	Full	18.75	19.02
			12	2467	Full	18.65	19.01
			13	2472	Full	18.29	18.74
					26/8	1.93	17.76
					52/40	4.00	17.69
					106/54	16.98	17.87
		MIMO A	1	2412	Full	18.92	19.05
					26/0	2.02	17.96
					52/37	17.00	17.95
					106/53	17.05	18.01
			7	2442	Full	18.72	19.04
			11	2462	Full	18.73	19.00
			12	2467	Full	18.60	19.03
			13	2472	Full	18.29	18.74
					26/8	1.97	17.83
					52/40	17.82	17.83
					106/54	17.01	17.93
		MIMO B	1	2412	Full	18.77	19.03
					26/0	2.04	17.88
					52/37	16.99	18.30
					106/53	17.10	18.19
			7	2442	Full	18.75	19.04
			11	2462	Full	18.27	19.03
			12	2467	Full	18.72	19.05
			13	2472	Full	18.30	18.75
					26/8	1.96	17.77
					52/40	6.95	18.01
					106/54	17.03	17.72
802.11ax40	HE0	SISO A	3	2422	Full	37.69	37.82
					242/61	18.73	19.05
			7	2442	Full	37.69	37.82
			9	2452	Full	37.68	37.79
			10	2457	Full	37.65	37.84
			11	2462	Full	37.09	37.55
					242/62	18.34	18.68
		SISO B	3	2422	Full	**37.79**	**37.85**
					242/61	18.74	19.04
			7	2442	Full	37.27	37.81
			9	2452	Full	37.60	37.79
			10	2457	Full	37.47	37.81
			11	2462	Full	37.56	37.57
					242/62	18.49	18.65
		MIMO A	3	2422	Full	37.78	37.84
					242/61	18.48	19.06
			7	2442	Full	37.26	37.81
			9	2452	Full	37.40	37.79
			10	2457	Full	37.53	37.81
			11	2462	Full	18.42	18.66
					242/62	18.43	18.67
		MIMO B	3	2422	Full	37.69	37.82
					242/61	18.80	19.05
			7	2442	Full	37.16	37.77
			9	2452	Full	37.40	37.78
			10	2457	Full	37.45	37.80
			11	2462	Full	37.04	37.56
					242/62	18.39	18.64

Max Value **See Section B.3.1 for the screenshot results.**

B.2.2 Maximum Output Power and antenna gain

Test limits

	Limits
FCC Part 15.247 (b) (3)	(b) The maximum peak conducted output power of the intentional radiator shall not exceed the following: (3) For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. (4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi.
RSS-247 Clause 5.4 (d)	For DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W. The e.i.r.p. shall not exceed 4 W, except as provided in section 5.4(e). As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power. The maximum conducted output power is the total transmit power delivered to all antennas and antenna elements, averaged across all symbols in the signalling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or transmitting at a reduced power level. If multiple modes of operation are implemented, the maximum conducted output power is the highest total transmit power occurring in any mode.

Test procedure

The Maximum Peak Conducted Output Power was measured using the channel integration method as authorized in chapter 2.0 "*Power limits, definitions and device configuration"* of FCC KDB 558074 D01 .

For MIMO mode, according to the measure-and-sum approach defined in FCC KDB 662911 D01 - Guidance for Emission Testing of Transmitters with Multiple Outputs in the Same Band, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically in linear power units to determine the total emission level from the device.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power. The declared maximum antenna gain is +3.24dBi.

The conducted setup shown in section *Test & System Description* was used to measure the maximum conducted output power. 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.

Results tables:

Maximum peak power are shown in table below with min and max values highlighted. Maximum average output power are shown for indicative purpose only

Mode	Rate	# Ch	Freq [MHz]	Ant	Meas Peak Cond.Power [dBm]	EIRP [dBm]	EIRP [mW]	Peak Cond.Power [mW]	Meas. Avg Cond.Power [dBm]	Max. Avg Cond.Power* [dBm]	EIRP [mW]	Avg Cond.Power [mW]
802.11b	1Mbps	1	2412	SISO A	22.88	26.12	409.26	194.09	19.78	19.78	23.02	95.06
				SISO B	23.41	26.65	462.38	219.28	19.68	19.68	22.92	92.90
		7	2442	SISO A	24.22	27.46	557.19	264.24	20.92	20.92	24.16	123.59
				SISO B	25.09	28.33	**680.77**	**322.85**	21.19	21.19	24.43	**131.52**
		11	2462	SISO A	22.58	25.82	381.94	181.13	19.31	19.31	22.55	85.31
				SISO B	23.69	26.93	493.17	233.88	19.76	19.76	23.00	94.62
		12	2467	SISO A	21.69	24.93	311.17	147.57	18.44	18.44	21.68	69.82
				SISO B	22.63	25.87	386.37	183.23	18.70	18.70	21.94	74.13
		13	2472	SISO A	18.56	21.80	**151.36**	**71.78**	15.22	15.22	18.46	**33.27**
				SISO B	18.57	21.81	151.71	71.94	15.28	15.28	18.52	33.73
802.11g	6Mbps	1	2412	SISO A	26.97	30.21	1049.54	497.74	18.24	18.24	21.48	66.68
				SISO B	27.19	30.43	1104.08	523.60	18.44	18.44	21.68	69.82
		7	2442	SISO A	29.64	32.88	1940.89	920.45	20.57	20.57	23.81	114.02
				SISO B	29.67	32.91	**1954.34**	**926.83**	20.57	20.57	23.81	**114.02**
		11	2462	SISO A	23.98	27.22	527.23	250.03	15.13	15.13	18.37	32.58
				SISO B	23.88	27.12	515.23	244.34	14.98	14.98	18.22	31.48
		12	2467	SISO A	22.54	25.78	378.44	179.47	13.69	13.69	16.93	23.39
				SISO B	22.50	25.74	374.97	177.83	13.63	13.63	16.87	23.07
		13	2472	SISO A	19.91	23.15	206.54	97.95	11.37	11.37	14.61	13.71
				SISO B	19.88	23.12	**205.12**	**97.27**	11.28	11.28	14.52	**13.43**
802.11n20	HT0	1	2412	SISO A	26.17	29.41	872.97	414.00	17.50	17.50	20.74	56.23
				SISO B	26.83	30.07	1016.25	481.95	18.15	18.15	21.39	65.31
		7	2442	SISO A	30.00	33.24	**2108.63**	**1000.00**	20.86	20.86	24.10	**121.90**
				SISO B	29.99	33.23	2103.78	997.70	20.84	20.84	24.08	121.34
		11	2462	SISO A	24.05	27.29	535.80	254.10	15.20	15.20	18.44	33.11
				SISO B	24.22	27.46	557.19	264.24	15.28	15.28	18.52	33.73
		12	2467	SISO A	22.65	25.89	388.15	184.08	13.70	13.70	16.94	23.44
				SISO B	22.26	25.50	354.81	168.27	13.31	13.31	16.55	21.43
		13	2472	SISO A	20.43	23.67	**232.81**	**110.41**	11.82	11.82	15.06	**15.21**
				SISO B	20.48	23.72	235.50	111.69	11.86	11.86	15.10	15.35
	HT8	1	2412	MIMO A	25.92	29.16	824.14	390.84	17.20	17.20	20.44	52.48
				MIMO B	26.69	29.93	984.01	466.66	17.41	17.41	20.65	55.08
				Combined A+B	29.33	32.57	1808.15	857.50	20.32	20.32	23.56	107.56
		7	2442	MIMO A	26.92	30.16	1037.53	492.04	18.02	18.02	21.26	63.39
				MIMO B	26.96	30.20	1047.13	496.59	17.58	17.58	20.82	57.28
				Combined A+B	29.95	33.19	2084.66	988.63	20.82	20.82	24.06	120.67
		11	2462	MIMO A	23.44	26.68	465.59	220.80	14.44	14.44	17.68	27.80
				MIMO B	23.51	26.75	473.15	224.39	14.13	14.13	17.37	25.88
				Combined A+B	26.49	29.73	938.74	445.19	17.30	17.30	20.54	53.68
		12	2467	MIMO A	21.26	24.50	281.84	133.66	12.34	12.34	15.58	17.14
				MIMO B	21.51	24.75	298.54	141.58	12.17	12.17	15.41	16.48
				Combined A+B	24.40	27.64	580.38	275.24	15.27	15.27	18.51	33.62
		13	2472	MIMO A	17.59	20.83	121.06	57.41	10.09	10.09	13.33	10.21
				MIMO B	19.96	23.20	208.93	99.08	10.68	10.68	13.92	11.69
				Combined A+B	21.95	25.19	329.99	156.49	13.41	13.41	16.65	21.90
802.11n40	HT0	3	2422	SISO A	26.02	29.26	843.33	399.94	17.30	17.30	20.54	53.70
				SISO B	26.34	29.58	907.82	430.53	17.58	17.58	20.82	57.28
		7	2442	SISO A	25.83	29.07	807.24	382.82	17.11	17.11	20.35	51.40
				SISO B	25.75	28.99	792.50	375.84	16.99	16.99	20.23	50.00
		9	2452	SISO A	22.88	26.12	409.26	194.09	14.10	14.10	17.34	25.70
				SISO B	22.98	26.22	418.79	198.61	14.25	14.25	17.49	26.61
		10	2457	SISO A	20.37	23.61	**229.61**	**108.89**	11.68	11.68	14.92	**14.72**
				SISO B	20.94	24.18	261.82	124.17	12.11	12.11	15.35	16.26
		11	2462	SISO A	20.51	23.75	237.14	112.46	12.12	12.12	15.36	16.29
				SISO B	20.37	23.61	229.61	108.89	11.96	11.96	15.20	15.70
	HT8	3	2422	MIMO A	25.38	28.62	727.78	345.14	16.57	16.57	19.81	45.39
				MIMO B	25.69	28.93	781.63	370.68	16.41	16.41	19.65	43.75
				Combined A+B	28.55	31.79	1509.41	715.82	19.50	19.50	22.74	89.15
		7	2442	MIMO A	25.29	28.53	712.85	338.06	16.60	16.60	19.84	45.71
				MIMO B	26.01	29.25	841.40	399.02	16.73	16.73	19.97	47.10
				Combined A+B	28.68	31.92	**1554.25**	**737.09**	19.68	19.68	22.92	**92.81**
		9	2452	MIMO A	21.53	24.77	299.92	142.23	12.82	12.82	16.06	19.14
				MIMO B	22.25	25.49	354.00	167.88	12.98	12.98	16.22	19.86
				Combined A+B	24.92	28.16	653.91	310.11	15.91	15.91	19.15	39.00
		10	2457	MIMO A	19.42	22.66	184.50	87.50	10.71	10.71	13.95	11.78
				MIMO B	20.69	23.93	247.17	117.22	11.41	11.41	14.65	13.84
				Combined A+B	23.11	26.35	431.67	204.72	14.08	14.08	17.32	25.61
		11	2462	MIMO A	20.49	23.73	236.05	111.94	11.92	11.92	15.16	15.56
				MIMO B	20.06	23.30	213.80	101.39	10.81	10.81	14.05	12.05
				Combined A+B	23.29	26.53	449.84	213.33	14.41	14.41	17.65	27.61

* Duty cycle compensated

Mode	Rate	# Ch	Freq [MHz]	Antenna	RU config	Meas Peak Cond.Power [dBm]	EIRP [dBm]	EIRP [mW]	Peak Cond.Power [mW]	Meas. Avg Cond.Power [dBm]	Max. Avg Cond.Power* [dBm]	EIRP [mW]	Avg Cond.Power [mW]
802.11ax20	HE0	1	2412	SISO A	Full	27.28	30.52	1127.20	534.56	17.01	17.01	20.25	50.23
					26/0	28.85	32.09	1618.08	767.36	19.31	19.31	22.55	85.31
					52/37	29.48	32.72	1870.68	887.16	19.27	19.27	22.51	84.53
					106/53	28.99	32.23	1671.09	792.50	18.48	18.48	21.72	70.47
				SISO B	Full	28.74	31.98	1577.61	748.17	18.48	18.48	21.72	70.47
					26/0	28.57	31.81	1517.05	719.45	19.08	19.08	22.32	80.91
					52/37	29.77	33.01	1999.86	948.42	19.64	19.64	22.88	92.04
					106/53	29.49	32.73	1874.99	889.20	18.82	18.82	22.06	76.21
				MIMO A	Full	26.76	30.00	1000.00	474.24	16.31	16.31	19.55	42.76
					26/0	26.83	30.07	1016.25	481.95	17.42	17.42	20.66	55.21
					52/37	26.87	30.11	1025.65	486.41	16.65	16.65	19.89	46.24
					106/53	26.97	30.21	1049.54	497.74	15.31	15.31	18.55	33.96
				MIMO B	Full	26.92	30.16	1037.53	492.04	16.45	16.45	19.69	44.16
					26/0	26.89	30.13	1030.39	488.65	17.49	17.49	20.73	56.10
					52/37	26.89	30.13	1030.39	488.65	16.71	16.71	19.95	46.88
					106/53	26.68	29.92	981.75	465.59	16.11	16.11	19.35	40.83
				Combined A+B	Full	29.85	33.09	2037.53	966.28	19.39	19.39	22.63	86.91
					26/0	29.87	33.11	2046.63	970.60	20.47	20.47	23.71	**111.31**
					52/37	29.89	33.13	**2056.04**	**975.06**	19.69	19.69	22.93	93.12
					106/53	29.84	33.08	2031.29	963.32	18.74	18.74	21.98	74.79
		7	2442	SISO A	Full	29.60	32.84	1923.09	912.01	19.28	19.28	22.52	84.72
				SISO B	Full	29.89	33.13	2055.89	974.99	19.42	19.42	22.66	87.50
				MIMO A	Full	26.33	29.57	905.73	429.54	16.09	16.09	19.33	40.64
				MIMO B	Full	26.97	30.21	1050.27	498.08	16.42	16.42	19.66	43.85
				Combined A+B	Full	29.67	32.91	1956.00	927.62	19.27	19.27	22.51	84.50
		11	2462	SISO A	Full	25.66	28.90	776.25	368.13	15.37	15.37	18.61	34.43
				SISO B	Full	25.93	29.17	826.04	391.74	15.50	15.50	18.74	35.48
				MIMO A	Full	24.43	27.67	584.79	277.33	14.12	14.12	17.36	25.82
				MIMO B	Full	24.74	27.98	628.06	297.85	14.23	14.23	17.47	26.49
				Combined A+B	Full	27.60	30.84	1212.85	575.18	17.19	17.19	20.43	52.31
		12	2467	SISO A	Full	23.90	27.14	517.61	245.47	13.63	13.63	16.87	23.07
				SISO B	Full	24.29	27.53	566.24	268.53	13.85	13.85	17.09	24.27
				MIMO A	Full	22.61	25.85	384.59	182.39	12.36	12.36	15.60	17.22
				MIMO B	Full	22.99	26.23	419.76	199.07	12.44	12.44	15.68	17.54
				Combined A+B	Full	25.81	29.05	804.35	381.46	15.41	15.41	18.65	34.76
		13	2472	SISO A	Full	21.56	24.80	302.00	143.22	10.88	10.88	14.12	12.25
					26/8	16.81	20.05	101.16	47.97	4.43	4.43	7.67	2.77
					52/40	15.64	18.88	**77.27**	**36.64**	3.73	3.73	6.97	**2.36**
					106/54	17.43	20.67	116.68	55.34	5.65	5.65	8.89	3.67
				SISO B	Full	21.73	24.97	314.05	148.94	11.01	11.01	14.25	12.62
					26/8	15.95	19.19	82.99	39.36	3.54	3.54	6.78	2.26
					52/40	16.25	19.49	88.92	42.17	4.04	4.04	7.28	2.54
					106/54	17.55	20.79	119.95	56.89	5.62	5.62	8.86	3.65
				MIMO A	Full	18.75	21.99	158.12	74.99	7.79	7.79	11.03	6.01
					26/8	13.27	16.51	44.77	21.23	1.03	1.03	4.27	1.27
					52/40	14.79	18.03	63.53	30.13	2.83	2.83	6.07	1.92
					106/54	17.63	20.87	122.18	57.94	5.77	5.77	9.01	3.78
				MIMO B	Full	19.52	22.76	188.80	89.54	8.81	8.81	12.05	7.60
					26/8	12.09	15.33	34.12	16.18	1.01	1.01	4.25	1.26
					52/40	15.86	19.10	81.28	38.55	3.52	3.52	6.76	2.25
					106/54	16.49	19.73	93.97	44.57	4.70	4.70	7.94	2.95
				Combined A+B	Full	22.16	25.40	346.92	164.53	11.34	11.34	14.58	13.62
					26/8	15.73	18.97	78.89	37.41	4.03	4.03	7.27	2.53
					52/40	18.37	21.61	144.82	68.68	6.20	6.20	9.44	4.17
					106/54	20.11	23.35	216.15	102.51	8.28	8.28	11.52	6.73

* Duty cycle compensated

Mode	Rate	# Ch	Freq [MHz]	Antenna	RU config	Meas Peak Cond.Power [dBm]	EIRP [dBm]	EIRP [mW]	Peak Cond.Power [mW]	Meas. Avg Cond.Power [dBm]	Max. Avg Cond.Power* [dBm]	EIRP [mW]	Avg Cond.Power [mW]
802.11ax40	HE0	3	2422	SISO A	Full	27.45	30.69	1172.20	555.90	17.17	17.17	20.41	52.12
					242/61	27.00	30.24	1056.82	501.19	16.74	16.74	19.98	47.21
				SISO B	Full	28.30	31.54	1425.61	676.08	17.68	17.68	20.92	58.61
					242/61	27.26	30.50	1122.02	532.11	17.08	17.08	20.32	51.05
				MIMO A	Full	26.96	30.20	1047.13	496.59	16.76	16.76	20.00	47.42
					242/61	26.74	29.98	995.41	472.06	16.28	16.28	19.52	42.46
				MIMO B	Full	26.98	30.22	1051.96	498.88	16.26	16.26	19.50	42.27
					242/61	26.29	29.53	897.43	425.60	15.94	15.94	19.18	39.26
				Combined A+B	Full	29.98	33.22	**2099.09**	**995.48**	19.53	19.53	22.77	**89.69**
					242/61	29.53	32.77	1892.83	897.66	19.12	19.12	22.36	81.73
		7	2442	SISO A	Full	27.20	30.44	1106.62	524.81	16.95	16.95	20.19	49.55
				SISO B	Full	27.30	30.54	1132.40	537.03	16.83	16.83	20.07	48.19
				MIMO A	Full	26.44	29.68	928.97	440.55	16.23	16.23	19.47	41.98
				MIMO B	Full	27.21	30.45	1109.17	526.02	16.46	16.46	19.70	44.26
				Combined A+B	Full	29.85	33.09	2038.14	966.57	19.36	19.36	22.60	86.23
		9	2452	SISO A	Full	24.16	27.40	549.54	260.62	13.93	13.93	17.17	24.72
				SISO B	Full	24.63	27.87	612.35	290.40	14.07	14.07	17.31	25.53
				MIMO A	Full	22.93	26.17	414.00	196.34	12.65	12.65	15.89	18.41
				MIMO B	Full	23.44	26.68	465.59	220.80	12.75	12.75	15.99	18.84
				Combined A+B	Full	26.20	29.44	879.59	417.14	15.71	15.71	18.95	37.24
		10	2457	SISO A	Full	21.97	25.21	331.89	157.40	11.68	11.68	14.92	14.72
				SISO B	Full	22.52	25.76	376.70	178.65	11.92	11.92	15.16	15.56
				MIMO A	Full	20.53	23.77	238.23	112.98	10.24	10.24	13.48	10.57
				MIMO B	Full	21.83	25.07	321.37	152.41	11.15	11.15	14.39	13.03
				Combined A+B	Full	24.24	27.48	559.60	265.38	13.73	13.73	16.97	23.60
		11	2462	SISO A	Full	21.90	25.14	326.59	154.88	11.50	11.50	14.74	14.13
					242/62	19.59	22.83	191.87	90.99	8.85	8.85	12.09	7.67
				SISO B	Full	21.96	25.20	331.13	157.04	11.57	11.57	14.81	14.35
					242/62	19.28	22.52	**178.65**	**84.72**	8.31	8.31	11.55	**6.78**
				MIMO A	Full	19.14	22.38	172.98	82.04	8.53	8.53	11.77	7.13
					242/62	21.54	24.78	300.61	142.56	10.45	10.45	13.69	11.09
				MIMO B	Full	19.51	22.75	188.36	89.33	8.89	8.89	12.13	7.74
					242/62	17.78	21.02	126.47	59.98	7.06	7.06	10.30	5.08
				Combined A+B	Full	22.34	25.58	361.35	171.37	11.72	11.72	14.96	14.87
					242/62	23.07	26.31	427.08	202.54	12.09	12.09	15.33	16.17

* Duty cycle compensated

See Section B.3.2 for the screenshot results.

B.2.3 Power Spectral Density

Test limits

FCC part	RSS part	Limits
15.247 (e)	RSS-247 Clause 5.2 (b)	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test procedure

The peak power spectral density level in the fundamental emission was measured using the *Method PKPSD (peak PSD)* according to section 10.2 of KDB 558074 D01 DTS Meas Guidance. This method was used for 802.11b, 802.11g, 802.11n20, 802.11n40, 802.11ax20 and 802.11ax40 modes.

For MIMO mode, the *Measure and add 10 log(N_{ANT}) dB*, (where N_{ANT} is the number of outputs) technique was used according to the Guidance for Emission Testing of Transmitters with Multiple Outputs in the Same Band KDB 662911 D01 Multiple Transmitter Output v02r01.
With this technique, spectrum measurements are performed at each output of the device, and the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. Number of outputs = 2.

The conducted setup shown in section *Test & System Description* was used to measure the power spectral density. 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.

Results tables

Mode	Rate	Channel	Freq [MHz]	Antenna	PSD Peak [dBm/3kHz]	MIMO Combined +10·log(N_{ant}) [dBm/3kHz]	PSD Peak [dBm/100kHz](1)
802.11b	1Mbps	1	2412	SISO A	-3.95	-	10.54
				SISO B	-3.09	-	11.36
		7	2442	SISO A	-2.86	-	11.76
				SISO B	-1.64	-	12.85
		11	2462	SISO A	-4.33	-	10.26
				SISO B	-2.84	-	11.53
		12	2467	SISO A	-5.21	-	9.10
				SISO B	-3.87	-	10.64
		13	2472	SISO A	-8.43	-	6.07
				SISO B	-8.34	-	6.17
802.11g	6Mbps	1	2412	SISO A	-5.80	-	7.57
				SISO B	-4.66	-	7.84
		7	2442	SISO A	-4.04	-	10.19
				SISO B	-3.33	-	10.22
		11	2462	SISO A	-8.98	-	4.57
				SISO B	-8.65	-	4.38
		12	2467	SISO A	-9.14	-	3.38
				SISO B	-9.32	-	3.27
		13	2472	SISO A	-12.26	-	0.16
				SISO B	-11.63	-	0.24
802.11n20	HT0	1	2412	SISO A	-6.07	-	6.86
				SISO B	-5.66	-	7.50
		7	2442	SISO A	-3.01	-	10.45
				SISO B	-3.18	-	10.49
		11	2462	SISO A	-8.72	-	4.67
				SISO B	-8.58	-	4.71
		12	2467	SISO A	-10.25	-	3.51
				SISO B	-10.18	-	3.05
		13	2472	SISO A	-11.93	-	0.75
				SISO B	-12.04	-	0.80
	HT8	1	2412	MIMO A	-6.20	-3.19	6.55
				MIMO B	-6.48	-3.47	6.96
		7	2442	MIMO A	-5.07	-2.06	7.50
				MIMO B	-5.33	-2.32	7.06
		11	2462	MIMO A	-8.59	-5.58	3.92
				MIMO B	-9.04	-6.03	3.71
		12	2467	MIMO A	-11.07	-8.06	2.08
				MIMO B	-10.58	-7.57	1.81
		13	2472	MIMO A	-13.06	-10.05	-1.10
				MIMO B	-12.33	-9.32	-0.21
802.11n40	HT0	3	2422	SISO A	-9.54	-	3.17
				SISO B	-9.19	-	3.43
		7	2442	SISO A	-9.45	-	3.02
				SISO B	-10.20	-	3.08
		9	2452	SISO A	-12.87	-	0.03
				SISO B	-12.32	-	0.07
		10	2457	SISO A	-15.08	-	-2.34
				SISO B	-14.57	-	-1.92
		11	2462	SISO A	-14.85	-	-2.30
				SISO B	-14.90	-	-2.41
	HT8	3	2422	MIMO A	-10.82	-7.81	2.50
				MIMO B	-9.86	-6.85	2.13
		7	2442	MIMO A	-10.72	-7.71	2.53
				MIMO B	-8.83	-5.82	2.38
		9	2452	MIMO A	-14.31	-11.30	-1.40
				MIMO B	-13.35	-10.34	-1.31
		10	2457	MIMO A	-15.60	-12.59	-3.28
				MIMO B	-14.85	-11.84	-2.57
		11	2462	MIMO A	-14.44	-11.43	-2.40
				MIMO B	-15.57	-12.56	-3.56

(1): 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 100kHz.

Mode	Rate	#Ch	Freq[MHz]	Antenna	RU config.	PSD Peak [dBm/3kHz]	MIMO Combined +10·log(N_{ant}) [dBm/3kHz]	PSD Peak [dBm/100kHz](1)
802.11ax20	HE0	1	2412	SISO A	Full	-7.42	-	6.21
					26/0	3.71	-	15.52
					52/37	0.49	-	12.56
					106/53	-2.41	-	8.83
				SISO B	Full	-5.86	-	7.63
					26/0	2.87	-	15.66
					52/37	1.09	-	13.79
					106/53	-2.73	-	9.53
				MIMO A	Full	-8.01	-5.00	5.49
					26/0	1.64	4.65	13.66
					52/37	-2.28	0.73	10.49
					106/53	-6.22	-3.21	5.76
				MIMO B	Full	-8.04	-5.03	5.60
					26/0	1.84	4.85	13.70
					52/37	-1.75	1.26	9.89
					106/53	-5.21	-2.20	6.82
		7	2442	SISO A	Full	-5.15	-	8.54
				SISO B	Full	-5.22	-	8.61
				MIMO A	Full	-8.28	-5.27	5.08
				MIMO B	Full	-8.22	-5.21	5.72
		11	2462	SISO A	Full	-8.78	-	4.61
				SISO B	Full	-8.97	-	4.64
				MIMO A	Full	-10.22	-7.21	3.42
				MIMO B	Full	-10.37	-7.36	3.57
		12	2467	SISO A	Full	-10.32	-	3.14
				SISO B	Full	-10.31	-	3.00
				MIMO A	Full	-15.83	-12.82	-2.00
				MIMO B	Full	-11.75	-8.74	1.81
		13	2472	SISO A	Full	-13.08	-	-0.65
					26/8	-11.06	-	1.45
					52/40	-15.03	-	-2.77
					106/54	-14.29	-	-4.09
				SISO B	Full	-12.69	-	-0.26
					26/8	-11.77	-	0.18
					52/40	-14.08	-	-2.01
					106/54	-15.32	-	-3.90
				MIMO A	Full	-16.69	-13.68	-3.57
					26/8	-14.16	-11.15	-1.74
					52/40	-9.91	-6.90	2.50
					106/54	-16.39	-13.38	-4.11
				MIMO B	Full	-15.29	-12.28	-2.55
					26/8	-13.25	-10.24	-1.83
					52/40	-14.22	-11.21	-1.98
					106/54	-15.87	-12.86	-4.38

(1): 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 100kHz.

Mode	Rate	#Ch	Freq[MHz]	Antenna	RU config.	PSD Peak [dBm/3kHz]	MIMO Combined $+10\cdot\log(N_{ant})$ [dBm/3kHz]	PSD Peak [dBm/100kHz](1)
802.11ax40	HE0	3	2422	SISO A	Full	-10.40	-	2.92
					242/61	-8.38	-	5.67
				SISO B	Full	-10.12	-	3.33
					242/61	-8.15	-	6.11
				MIMO A	Full	-10.91	-7.90	2.49
					242/61	-8.25	-5.24	5.30
				MIMO B	Full	-11.54	-8.53	1.82
					242/61	-8.83	-5.82	5.15
		7	2442	SISO A	Full	-11.06	-	2.84
				SISO B	Full	-11.26	-	2.76
				MIMO A	Full	-11.66	-8.65	2.12
				MIMO B	Full	-11.33	-8.32	2.17
		9	2452	SISO A	Full	-13.97	-	-0.30
				SISO B	Full	-14.07	-	-0.23
				MIMO A	Full	-15.20	-12.19	-1.68
				MIMO B	Full	-14.85	-11.84	-1.75
		10	2457	SISO A	Full	-16.12	-	-2.46
				SISO B	Full	-15.87	-	-2.25
				MIMO A	Full	-17.10	-14.09	-3.94
				MIMO B	Full	-17.01	-14.00	-3.15
		11	2462	SISO A	Full	-16.20	-	-3.20
					242/62	-15.19	-	-2.56
				SISO B	Full	-15.94	-	-3.19
					242/62	-16.40	-	-2.99
				MIMO A	Full	-15.65	-12.64	-2.82
					242/62	-14.17	-11.16	-0.87
				MIMO B	Full	-19.06	-16.05	-5.71
					242/62	-4.48	-1.47	-17.22

(1): 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 100kHz.

See Section B.3.2 for the screenshot results

B.2.4 Out-of-band emission (conducted)

Test Limits

FCC part	RSS part	Limits
15.247 (d)	RSS-247 Clause 5.5	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.
15.209	RSS-Gen Clause 8.9	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): Freq Range (MHz) / Field Stregth (µV/m) / Field Stregth (dBµV/m) / Meas. Distance (m) 30-88 / 100 / 40 / 3 88-216 / 150 / 43.5 / 3 216-960 / 200 / 46 / 3 Above 960 / 500 / 54 / 3 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.

Test procedure

The Band Edge High, was measured using the method according to section 13.3 (Integration Method) of KDB 558074 D01 DTS Meas Guidance v04.

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 +3.24dBi.

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)
Above 960	3	500	54.0	-41.2

The conducted setup shown in section *Test & System Description* 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.

Note: For the compliance of the Out-of-band Measurements, PSD_{Peak} were measured with 100kHz RBW and values are shown just as a reference in section B.2.3.

See Section B.3.3 for the screenshot results.

B.2.5 Radiated spurious emission

Standard references

<table>
<tr><th>FCC part</th><th>RSS part</th><th>Limits</th></tr>
<tr><td>15.247 (d)
15.209</td><td>RSS-247
Clause 5.5
RSS-Gen
Clause 8.9</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>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>Above 960</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

The radiated setups shown in section *Test & System Description* were used to measure the radiated spurious emissions. Depending of the frequency range and bands being tested, different antennas and filters were used.
The final measurement is done by varying the antenna height, the EUT azimuth over 360º and for both Vertical and Horizontal polarizations.

The radiated spurious emissions were measured on the worst case configuration selected from the chapter B.2.2 and using the lowest, middle and highest channels.

For technologies 802.11ax20 and 802.11ax40, the worst case spurious emission result among the low, mid and high channels tested separately on Chain A and B is used to perform the test on MIMO mode (Chain A+B).

For 802.11n20 and 802.11n40 the worst channel found among all 802.11ax modes mentioned above is chosen to perform the test in Chain A, B ,and MIMO (Chain A+B).

Test Results

30 MHz – 26.5 GHz, 802.11b, 1Mbps, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	33.4	---	46.0	12.6
4823.9	---	42.8	54.0	11.3
4830.0	53.2	---	74.0	20.8
7233.8	49.3	---	74.0	24.7
7234.2	---	40.9	54.0	13.1
19295.7	45.9	---	74.0	28.1
19295.7	---	38.2	54.0	15.8

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	35.4	---	46.0	10.6
1761.0	46.7	---	74.0	27.3
1761.5	---	49.7	54.0	**4.3**
7324.6	---	38.1	54.0	15.9
7325.6	47.4	---	74.0	26.6
9764.0	47.1	---	74.0	26.9
9767.9	---	38.3	54.0	15.7
19528.1	46.6	---	74.0	27.4
19535.8	---	37.0	54.0	17.0

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	36.1	---	46.0	9.9
1195.0	48.1	---	74.0	25.9
1198.5	---	35.1	54.0	18.9
1394.5	---	31.2	54.0	22.8
1395.0	43.6	---	74.0	30.4
6971.3	47.7	---	74.0	26.3
7001.8	---	36.2	54.0	17.8
16361.5	---	39.7	54.0	14.3
16379.4	50.7	---	74.0	23.3
19695.5	---	37.3	54.0	16.7
19748.3	46.5	---	74.0	27.5

30 MHz – 26.5 GHz, 802.11b, 1Mbps, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	36.2	---	46.0	9.8
4823.5	---	41.8	54.0	12.2
4829.2	51.8	---	74.0	22.2
7234.2	---	40.8	54.0	13.2
7237.6	48.9	---	74.0	25.1
21179.5	---	37.6	54.0	16.4
21181.9	47.3	---	74.0	26.7

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	36.2	---	46.0	9.8
1195.5	---	36.0	54.0	18.0
1197.5	47.8	---	74.0	26.2
7326.6	---	38.3	54.0	15.7
7327.0	48.5	---	74.0	25.5
9767.9	47.5	---	74.0	26.5
9767.9	---	37.6	54.0	16.4
19535.3	45.5	---	74.0	28.5
19535.6	---	36.4	54.0	17.6

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
470.1	37.4	---	46.0	8.6
1196.0	---	36.1	54.0	17.9
1196.5	47.5	---	74.0	26.5
4924.0	---	42.6	54.0	11.4
4924.4	53.3	---	74.0	20.7
9817.7	48.1	---	74.0	25.9
9848.1	---	37.9	54.0	16.1
16349.9	51.1	---	74.0	22.9
16358.1	---	39.7	54.0	14.3
25878.2	49.5	---	74.0	24.5
25936.1	---	38.0	54.0	16.0

30 MHz – 26.5 GHz, 802.11g, 6Mbps, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	36.6	---	46.0	**9.4**
1195.5	---	36.0	54.0	18.0
1199.5	47.2	---	74.0	26.8
7241.0	---	36.8	54.0	17.2
7288.4	49.0	---	74.0	25.0
16399.7	---	39.6	54.0	14.4
16423.9	51.1	---	74.0	22.9
25890.7	48.9	---	74.0	25.1
25936.3	---	38.4	54.0	15.6

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	36.5	---	46.0	9.5
1196.5	46.7	---	74.0	27.3
1197.0	---	35.0	54.0	19.0
6999.8	47.9	---	74.0	26.1
7000.3	---	36.3	54.0	17.7
16361.0	---	39.5	54.0	14.5
16413.7	50.8	---	74.0	23.2
21479.2	47.6	---	74.0	26.4
21500.7	---	37.1	54.0	16.9

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	36.5	---	46.0	9.5
1195.5	---	35.1	54.0	18.9
1199.0	46.5	---	74.0	27.5
1397.0	---	32.1	54.0	21.9
1398.0	43.4	---	74.0	30.6
7011.9	---	36.0	54.0	18.0
7027.9	47.7	---	74.0	26.3
16358.1	50.9	---	74.0	23.1
16358.1	---	39.6	54.0	14.4
24200.2	48.7	---	74.0	25.3
24223.9	---	37.5	54.0	16.5

30 MHz – 26.5 GHz, 802.11g, 6Mbps, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	35.4	---	46.0	10.6
1197.0	---	35.9	54.0	18.1
1197.0	47.5	---	74.0	26.5
7235.2	---	38.1	54.0	15.9
7236.7	48.7	---	74.0	25.3
16359.1	51.8	---	74.0	22.2
16361.5	---	39.5	54.0	14.5
24503.6	---	37.7	54.0	16.3
24553.0	48.2	---	74.0	25.8

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	36.3	---	46.0	9.7
1195.0	47.0	---	74.0	27.0
1195.5	---	35.5	54.0	18.6
7321.2	---	36.8	54.0	17.2
7322.7	49.4	---	74.0	24.6
16367.3	50.8	---	74.0	23.2
16369.2	---	39.5	54.0	14.5
25914.3	---	38.3	54.0	15.7
25940.1	49.4	---	74.0	24.6

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	35.2	---	46.0	10.8
1194.5	46.3	---	74.0	27.7
1195.5	---	35.6	54.0	18.4
1398.0	43.6	---	74.0	30.4
1398.5	---	32.3	54.0	21.7
7350.7	48.2	---	74.0	25.8
7377.3	---	36.8	54.0	17.2
16365.4	---	39.8	54.0	14.2
16402.6	51.1	---	74.0	22.9
24281.2	---	37.9	54.0	16.1
24294.8	49.2	---	74.0	24.8

30 MHz – 26.5 GHz, 802.11n20, HT0, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	37.1	---	46.0	**8.9**
1198.0	47.6	---	74.0	26.4
1199.0	---	35.1	54.0	18.9
7221.7	47.5	---	74.0	26.5
7231.8	---	37.2	54.0	16.8
16693.1	51.5	---	74.0	22.5
16725.9	---	39.6	54.0	14.4
25942.7	---	38.4	54.0	15.6
25943.3	49.1	---	74.0	24.9

30 MHz – 26.5 GHz, 802.11n20, HT0, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	37.0	---	46.0	9.0
1196.5	46.8	---	74.0	27.2
1198.5	---	35.8	54.0	18.2
7231.8	48.0	---	74.0	26.0
7241.0	---	37.2	54.0	16.8
25923.6	48.7	---	74.0	25.3
25946.2	---	38.2	54.0	15.8

30 MHz – 26.5 GHz, 802.11n20, HT0, Chain A+B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
499.2	32.0	---	46.0	14.0
1196.0	---	35.1	54.0	18.9
1199.0	46.4	---	74.0	27.7
1397.5	---	31.1	54.0	22.9
1398.0	42.8	---	74.0	31.2
7226.0	49.1	---	74.0	24.9
7233.3	---	37.3	54.0	16.7
25877.4	49.1	---	74.0	24.9
25953.1	---	38.3	54.0	15.7

30 MHz – 26.5 GHz, 802.11ax20, HE0, Chain A

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	37.6	---	46.0	8.4
1195.5	---	36.3	54.0	17.7
1196.0	48.0	---	74.0	26.0
7210.1	---	41.6	54.0	12.4
7212.0	50.0	---	74.0	24.0
19295.7	46.0	---	74.0	28.0
19296.0	---	37.3	54.0	16.7

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	35.1	---	46.0	10.9
1194.5	---	34.0	54.0	20.0
1195.5	46.8	---	74.0	27.2
7300.0	---	39.7	54.0	14.3
7300.9	49.0	---	74.0	25.0
19535.6	---	37.3	54.0	16.7
19536.4	46.0	---	74.0	28.0

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	36.2	---	46.0	9.8
1197.0	46.8	---	74.0	27.2
1197.5	---	35.2	54.0	18.8
7359.4	48.3	---	74.0	25.7
7360.9	---	38.9	54.0	15.1
25935.8	---	37.9	54.0	16.1
25944.6	49.3	---	74.0	24.7

30 MHz – 26.5 GHz, 802.11ax20, HE0, Chain B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
503.4	38.0	---	46.0	**8.0**
1196.5	---	36.7	54.0	17.3
1196.5	48.9	---	74.0	25.1
7210.6	---	41.8	54.0	12.2
7210.6	50.7	---	74.0	23.3
22377.5	---	37.1	54.0	16.9
22379.9	46.6	---	74.0	27.4

Radiated Spurious – CH7

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	35.3	---	46.0	10.7
1198.0	---	35.4	54.0	18.6
1199.0	45.8	---	74.0	28.2
7300.0	50.9	---	74.0	23.1
7300.0	---	41.2	54.0	12.8
19859.4	---	36.9	54.0	17.1
19910.4	47.6	---	74.0	26.4

Radiated Spurious – CH11

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
625.0	34.8	---	46.0	11.2
1197.5	---	35.9	54.0	18.2
1198.5	46.8	---	74.0	27.2
7359.9	48.3	---	74.0	25.7
7359.9	---	37.9	54.0	16.1
25899.2	48.6	---	68.2	19.6
25948.0	---	38.1	54.0	15.9

30 MHz – 26.5 GHz, 802.11ax20, HE0, Chain A+B

Radiated Spurious – CH1

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
671.9	34.7	---	46.0	11.3
1195.5	47.6	---	74.0	26.4
1197.0	---	35.5	54.0	18.5
7211.0	51.0	---	74.0	23.0
7211.0	---	41.5	54.0	12.5
24257.1	---	37.6	54.0	16.4
24267.2	49.2	---	74	24.9

30 MHz – 26.5 GHz, 802.11n40, HT0, Chain A

Radiated Spurious – CH9F

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
407.7	37.7	---	46.0	**8.3**
574.1	32.3	---	46.0	13.7
6323.7	56.5	---	74.0	17.5
6324.1	---	44.9	54.0	9.1
10271.5	48.5	---	74.0	25.5
10361.9	---	37.7	54.0	16.3
25918.5	48.7	---	74.0	25.3
25939.0	---	38.3	54.0	15.7

30 MHz – 26.5 GHz, 802.11n40, HT0, Chain B

Radiated Spurious – CH9

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
407.7	32.4	---	46.0	13.6
576.0	32.0	---	46.0	14.0
6327.1	56.4	---	74.0	17.6
6327.5	---	45.0	54.0	9.0
12719.1	50.2	---	74.0	23.8
12726.4	---	38.6	54.0	15.4
24203.7	47.9	---	74.0	26.1
24253.3	---	37.6	54.0	16.4

30 MHz – 26.5 GHz, 802.11n40, HT0, Chain A+B

Radiated Spurious – CH9

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
403.5	33.5	---	46.0	12.5
672.0	35.9	---	46.0	10.1
6324.4	---	44.7	54.0	9.3
6324.8	56.0	---	74.0	18.0
12737.0	---	38.3	54.0	15.7
12738.4	49.7	---	74.0	24.3
25929.2	48.9	---	74.0	25.1
25953.3	---	38.1	54.0	15.9

30 MHz – 26.5 GHz, 802.11ax40, HE0, Chain A

Radiated Spurious – CH3

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	35.0	---	46.0	11.0
1195.0	47.3	---	74.0	26.7
1196.5	---	35.5	54.0	18.5
7209.6	49.1	---	74.0	24.9
7211.5	---	40.4	54.0	13.6
14776.7	51.2	---	74.0	22.8
14803.7	---	37.6	54.0	16.4
25926.0	49.0	---	74.0	25.0
25987.6	---	38.0	54.0	16.0

Radiated Spurious – CH6

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	34.7	---	46.0	11.3
1196.5	---	34.9	54.0	19.1
1199.5	45.8	---	74.0	28.2
7255.0	49.7	---	74.0	24.3
7257.0	---	39.0	54.0	15.0
19495.7	---	37.1	54.0	16.9
19505.0	46.7	---	74.0	27.3

Radiated Spurious – CH9

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	36.0	---	46.0	10.0
1196.5	---	33.9	54.0	20.1
1197.5	45.1	---	74.0	28.9
7300.5	49.2	---	74.0	24.8
7301.4	---	40.1	54.0	13.9
19615.8	45.8	---	74.0	28.2
19615.8	---	36.8	54.0	17.2

30 MHz – 26.5 GHz, 802.11ax40, HE0, Chain B

Radiated Spurious – CH3

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	35.8	---	46.0	10.2
1195.5	47.4	---	74.0	26.6
1198.5	---	35.7	54.0	18.3
7211.5	---	42.1	54.0	11.9
7212.0	50.9	---	74.0	23.1
25909.5	---	38.2	54.0	15.8
25923.3	48.2	---	74.0	25.8

Radiated Spurious – CH6

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	34.4	---	46.0	11.6
1194.0	45.7	---	74.0	28.3
1197.0	---	34.8	54.0	19.2
7256.5	---	39.6	54.0	14.4
7257.0	49.2	---	74.0	24.8
25943.5	---	38.4	54.0	15.6
25952.3	48.9	---	74.0	25.1

Radiated Spurious – CH9

Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
624.0	35.9	---	46.0	10.1
1195.5	---	34.8	54.0	19.3
1196.0	45.8	---	74.0	28.2
7301.4	49.5	---	74.0	24.5
7301.9	---	40.2	54.0	13.8
24220.9	49.5	---	74.0	24.5
24221.2	---	37.8	54.0	16.2

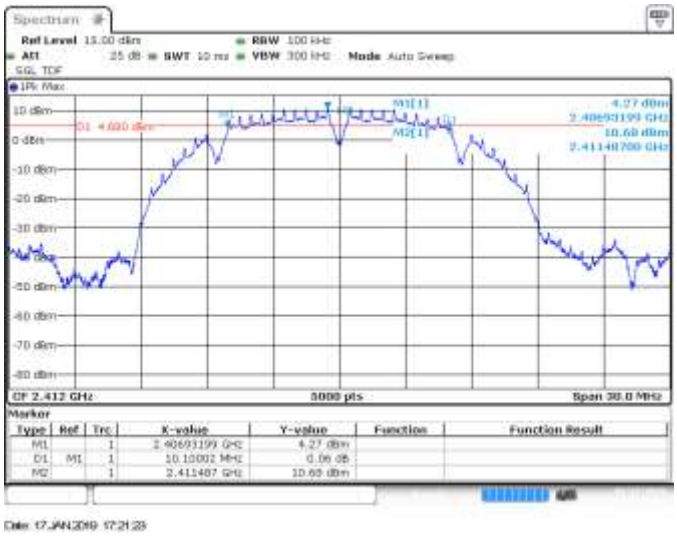
30 MHz – 26.5 GHz, 802.11ax40, HE0, Chain A+B

Radiated Spurious – CH9

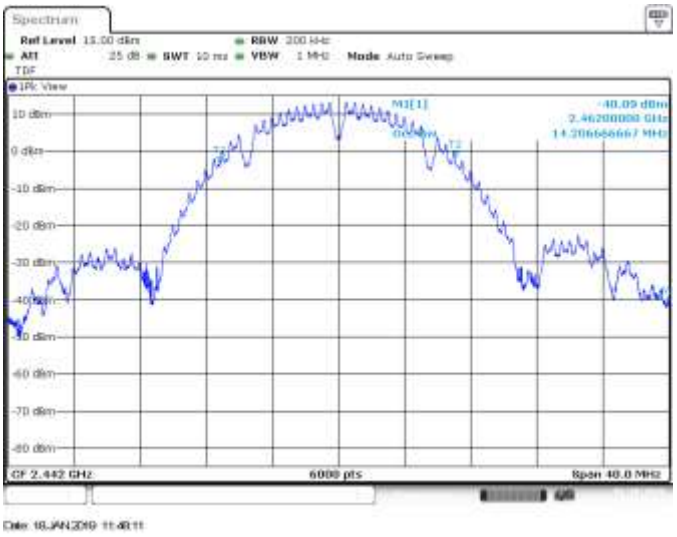
Frequency	MaxPeak	Avg	Limit	Margin
MHz	dBµV/m	dBµV/m	dBµV/m	dB
407.7	37.3	---	46.0	**8.7**
624.0	35.7	---	46.0	10.3
6323.7	56.7	---	74.0	17.3
6326.7	---	44.8	54.0	9.2
16699.4	52.4	---	74.0	21.6
16753.0	---	40.7	54.0	13.3
25946.2	---	38.2	54.0	15.8
25949.4	49.0	---	74.0	25.0

B.3 Test Results Screenshots

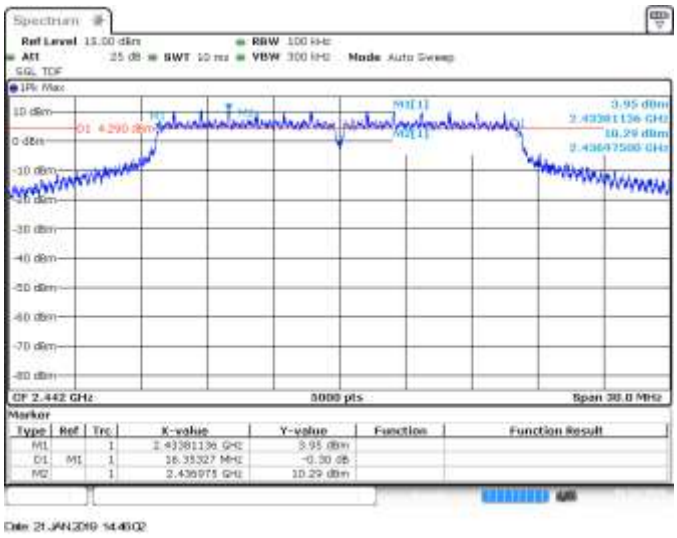
B.3.1 6dB & 99% Bandwidth



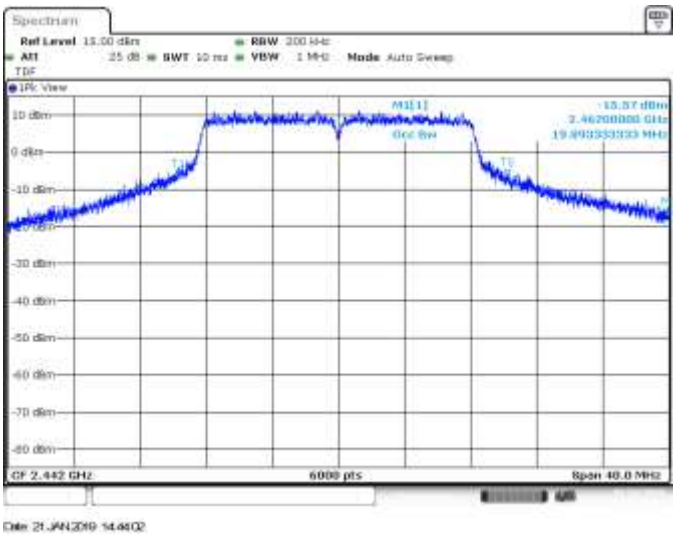
SISO A, CH1, 802.11b, 1Mbps, 6dB Occupied Bandwidth



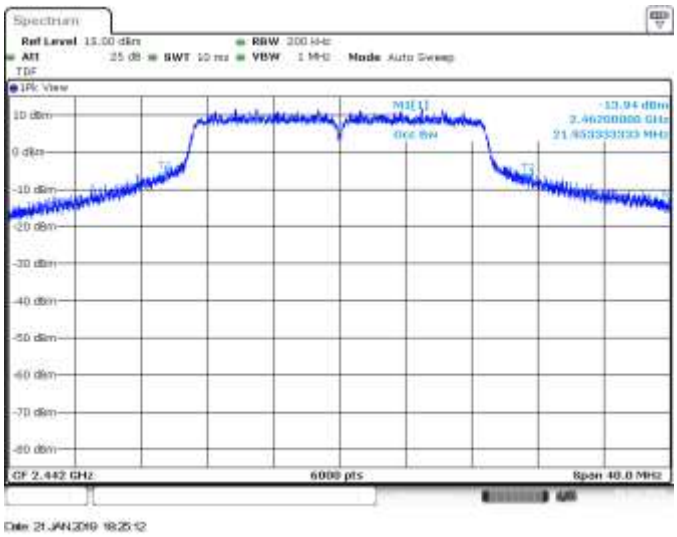
SISO B, CH7, 802.11b, 1Mbps, 99% Occupied Bandwidth



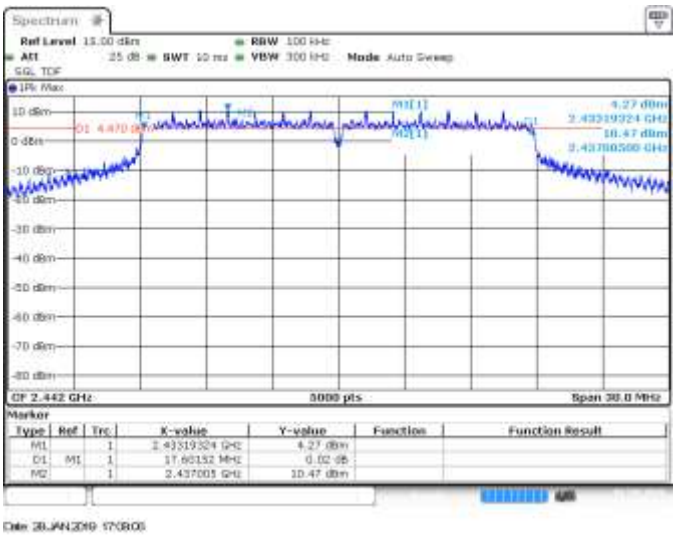
SISO A, CH7, 802.11g, 6Mbps, 6dB Occupied Bandwidth



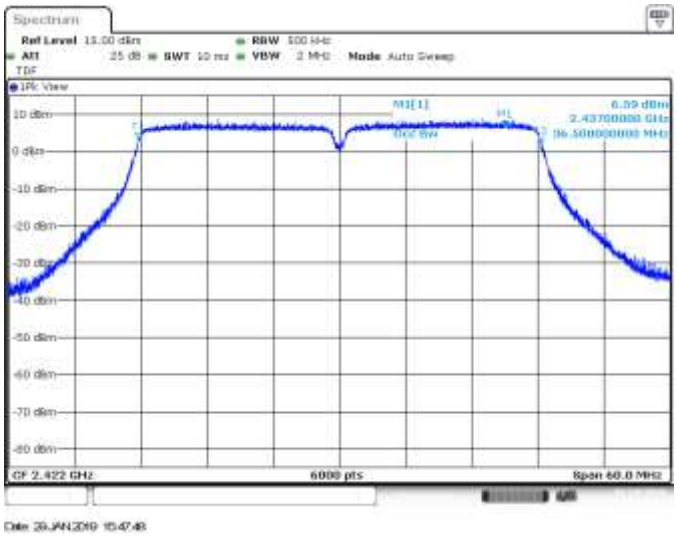
SISO A, CH7, 802.11g, 6Mbps, 99% Occupied Bandwidth



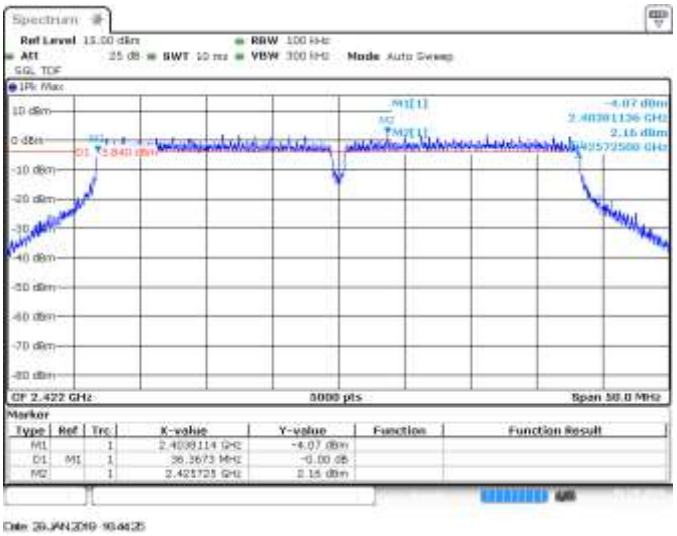
SISO A, CH7, 802.11n20, HT0, 99% Occupied Bandwidth



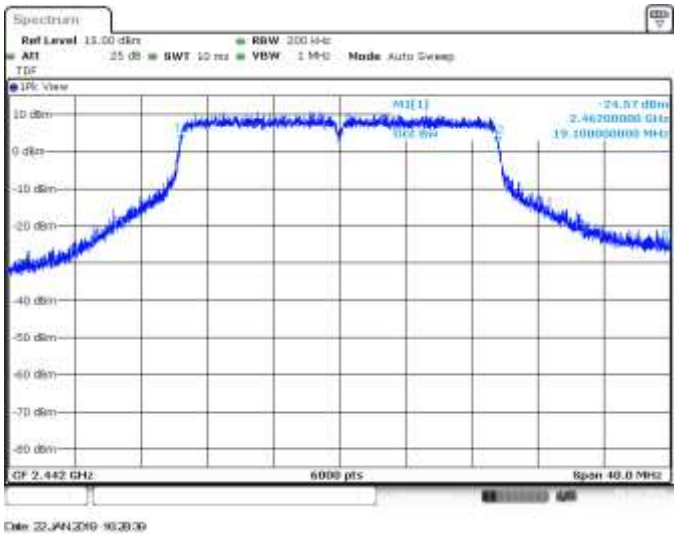
SISO B, CH7, 802.11n20, HT0, 6dB Occupied Bandwidth



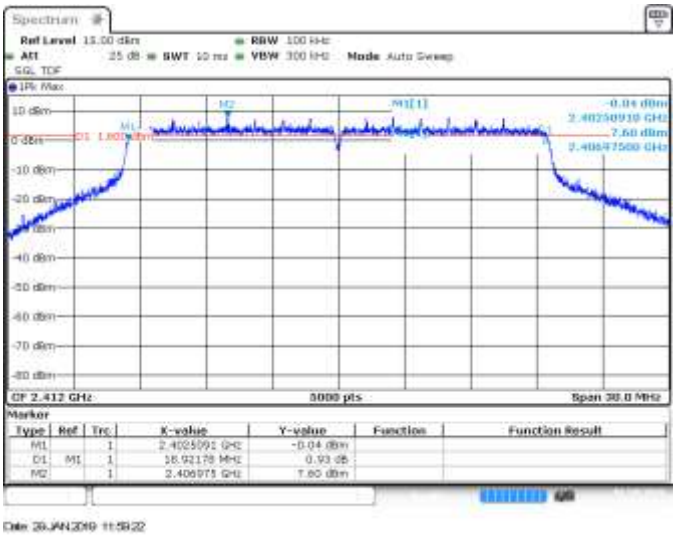
SISO B, CH3, 802.11n40, HT0, 99% Occupied Bandwidth



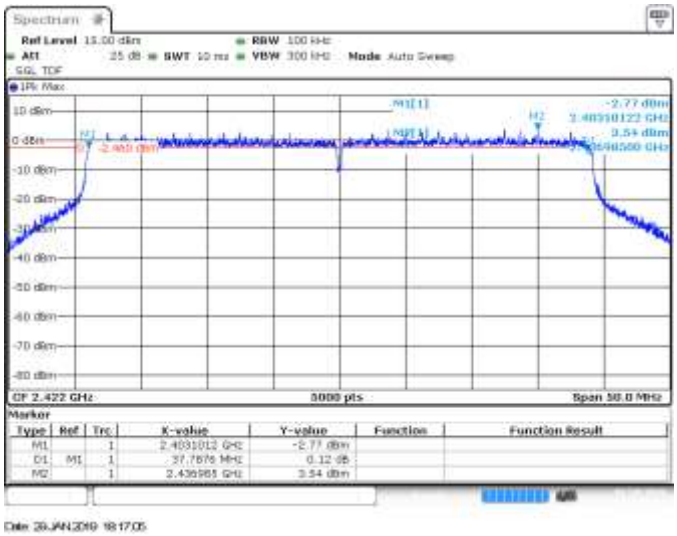
MIMO B, CH3, 802.11n40, HT8, 6dB Occupied Bandwidth



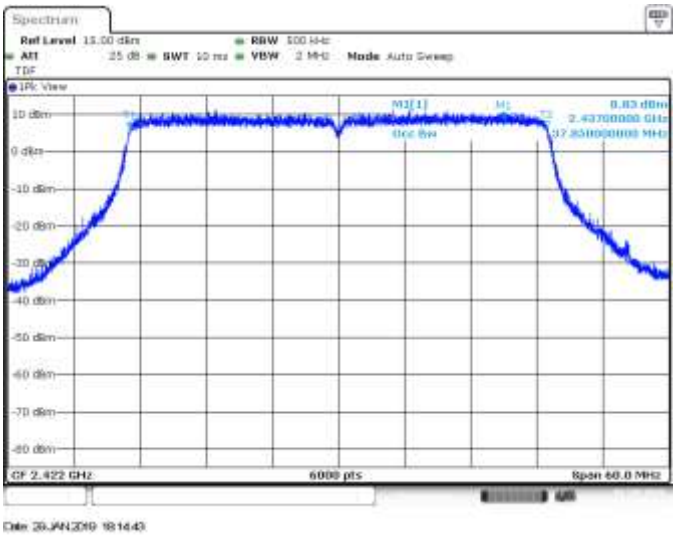
SISO A, CH7, 802.11ax20, HE0, 99% Occupied Bandwidth



SISO B, CH1, 802.11ax20, HE0, 6dB Occupied Bandwidth

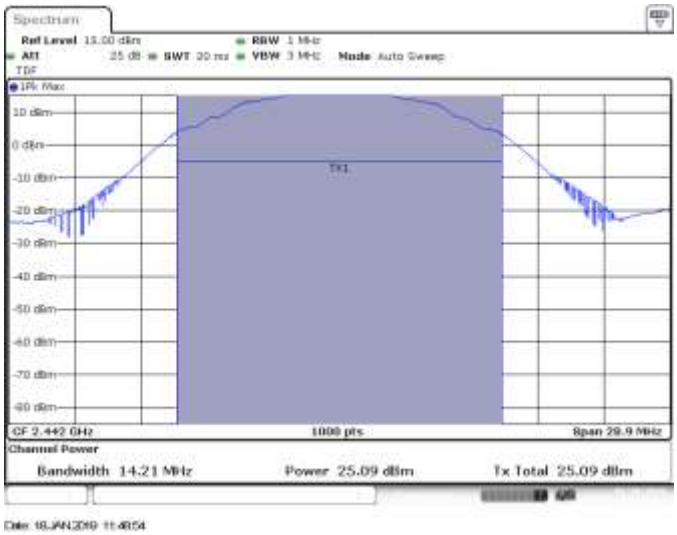


SISO B, CH3, 802.11ax40, HE0, 6dB Occupied Bandwidth

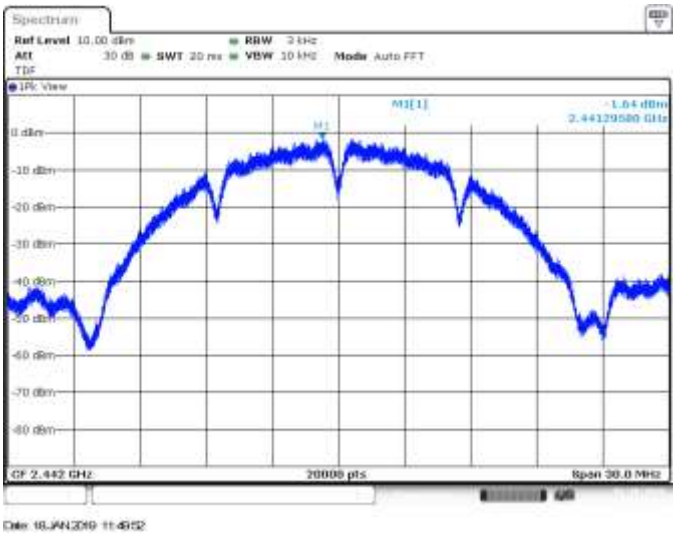


SISO B, CH3, 802.11ax40, HE0, 99% Occupied Bandwidth

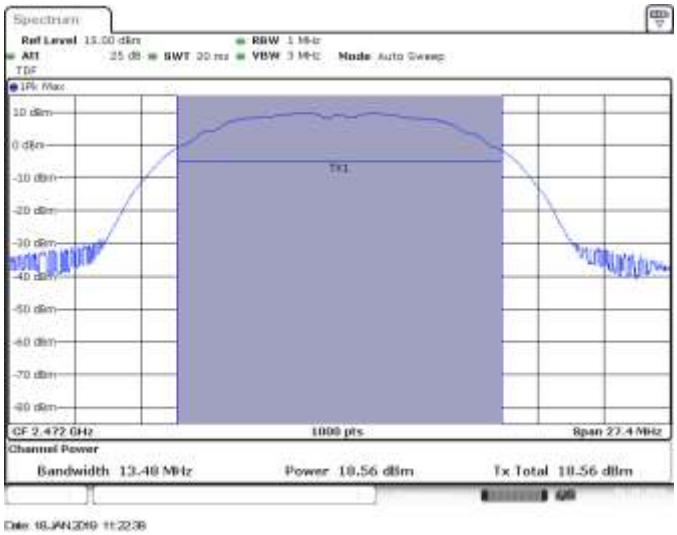
B.3.2 Maximum output power and antenna gain and power spectral density



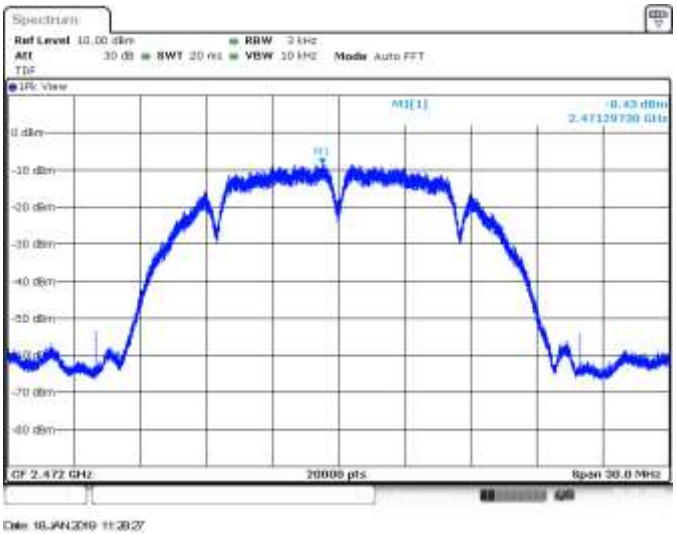
SISO B, CH7, 802.11b, 1Mbps, Power



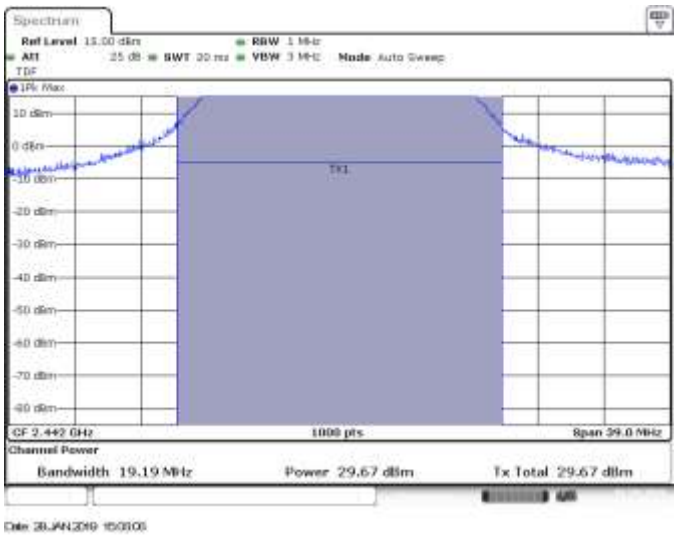
SISO B, CH7, 802.11b, 1Mbps, PSD



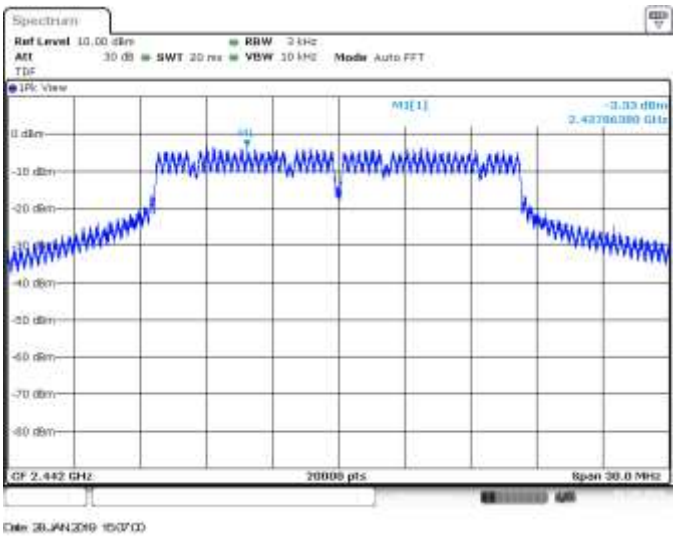
SISO A, CH13, 802.11b, 1Mbps, Power



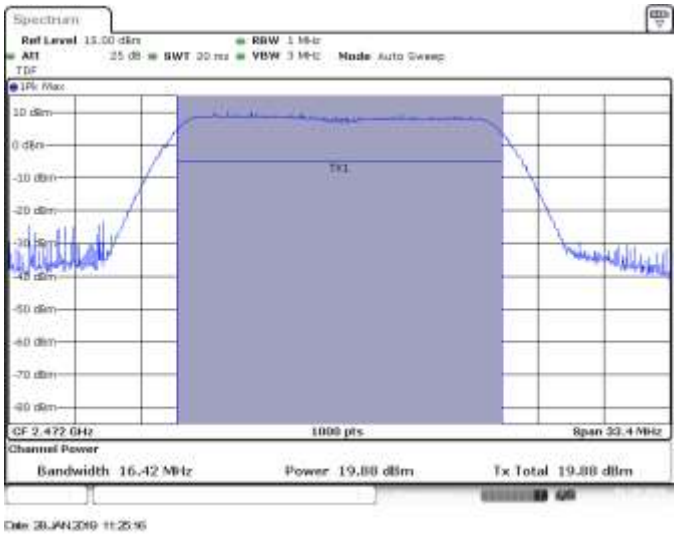
SISO A, CH13, 802.11b, 1Mbps, PSD



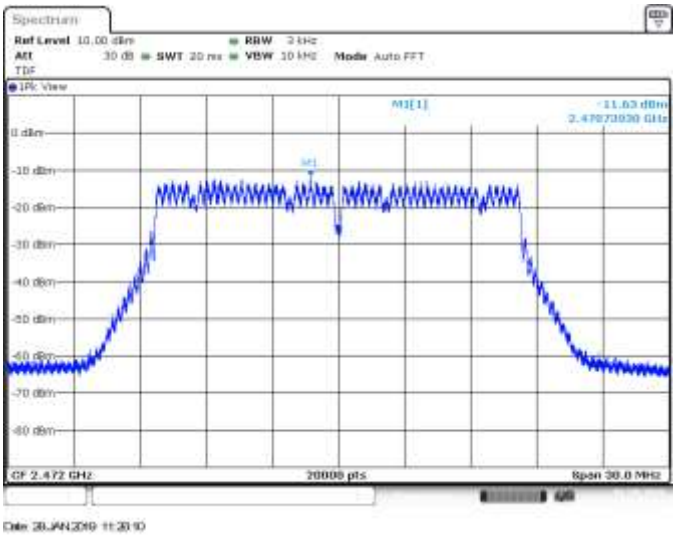
SISO B, CH7, 802.11g, 6Mbps, Power



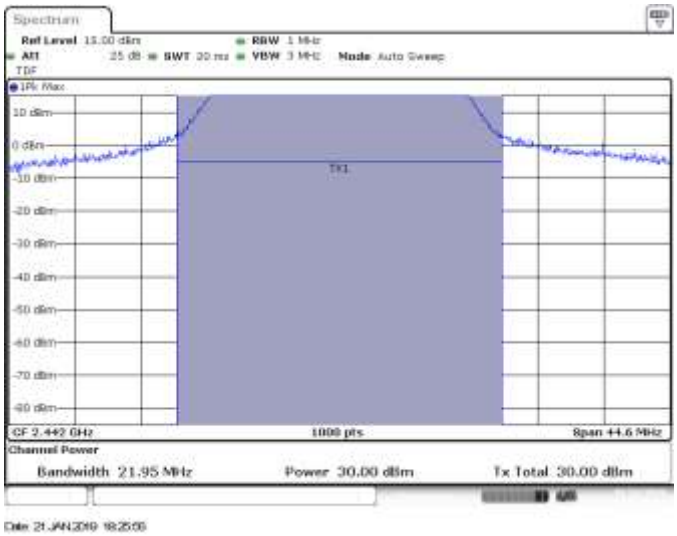
SISO B, CH7, 802.11g, 6Mbps, PSD



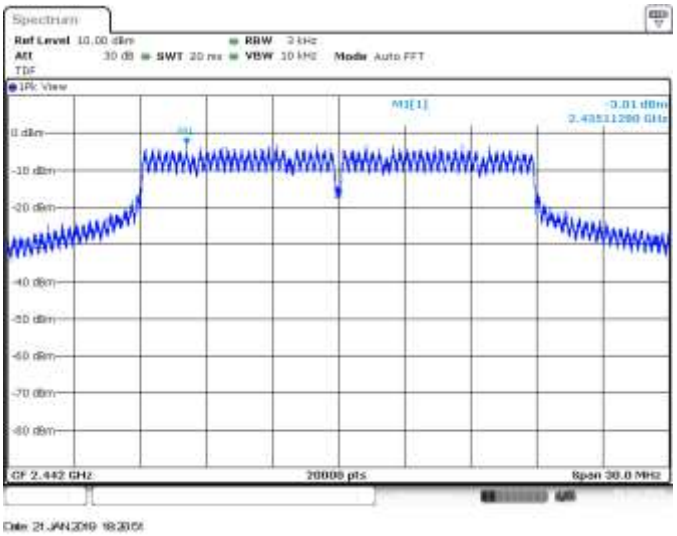
SISO B, CH13, 802.11g, 6Mbps, Power



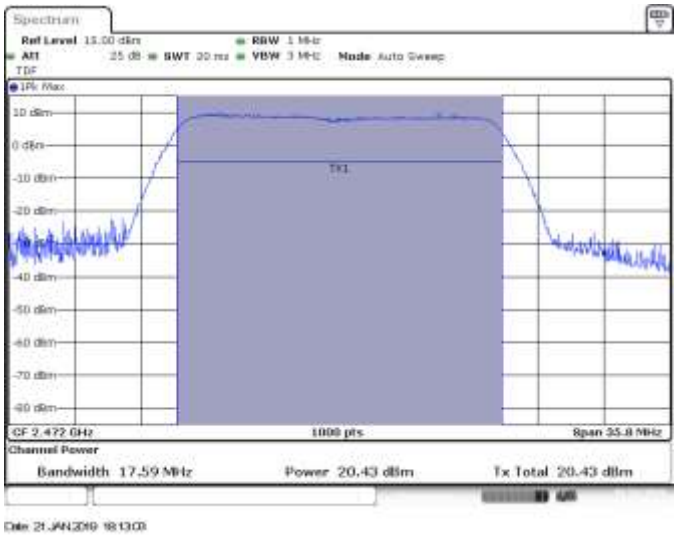
SISO B, CH13, 802.11g, 6Mbps, PSD



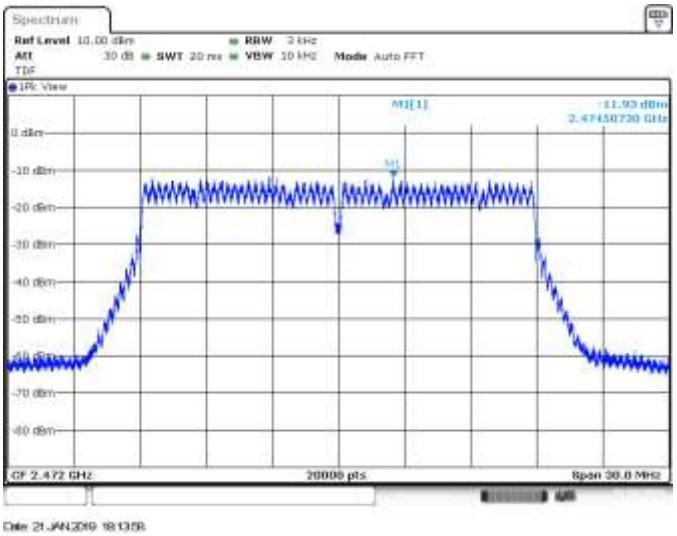
SISO A, CH7, 802.11n20, HT0, Power



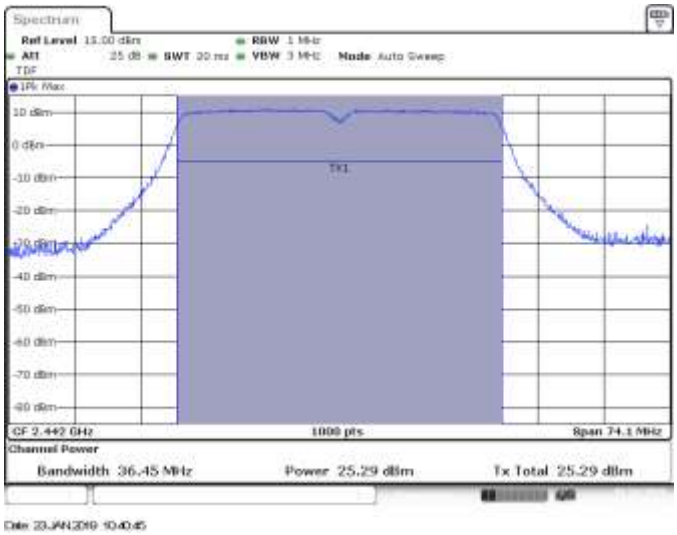
SISO A, CH7, 802.11n20, HT0, PSD



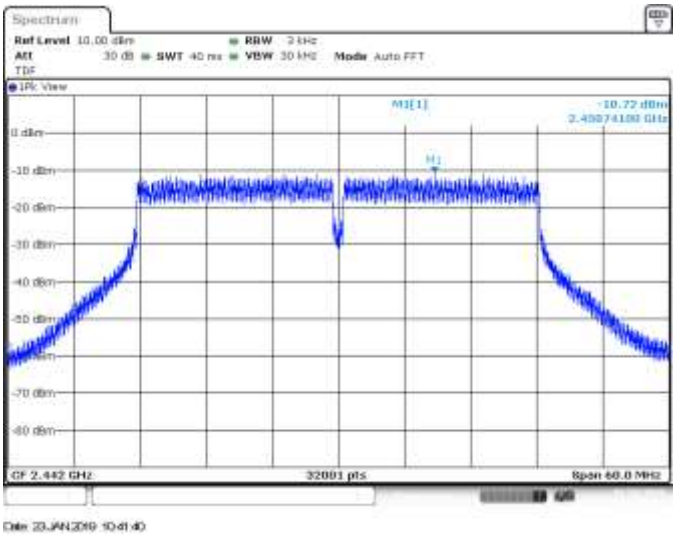
SISO A, CH13, 802.11n20, HT0, Power



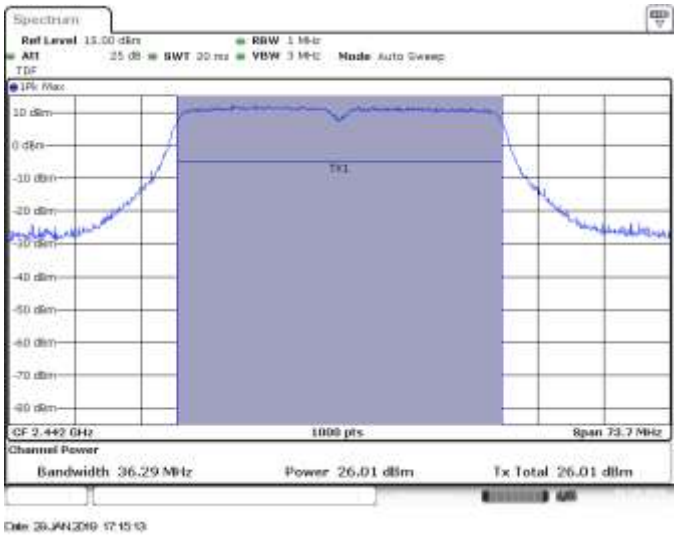
SISO A, CH13, 802.11n20, HT0, PSD



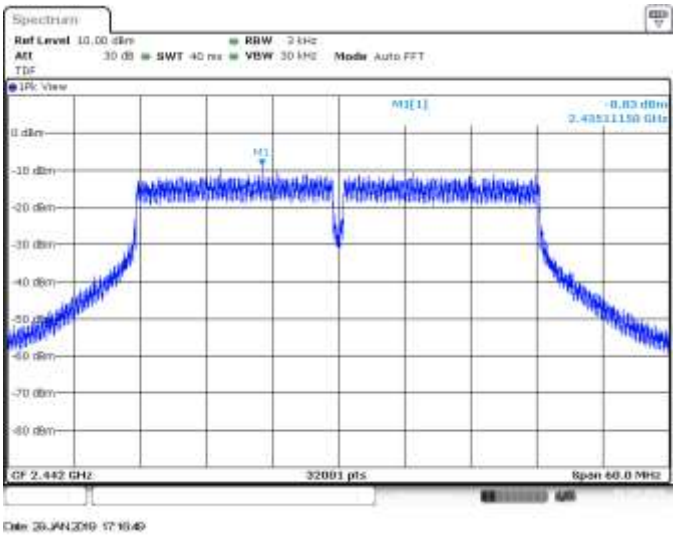
MIMO A, CH7, 802.11n40, HT8, Power



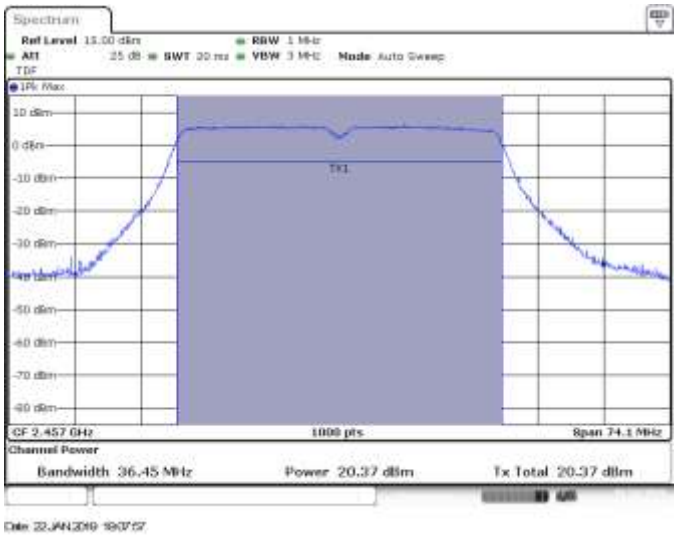
MIMO A, CH7, 802.11n40, HT8, PSD



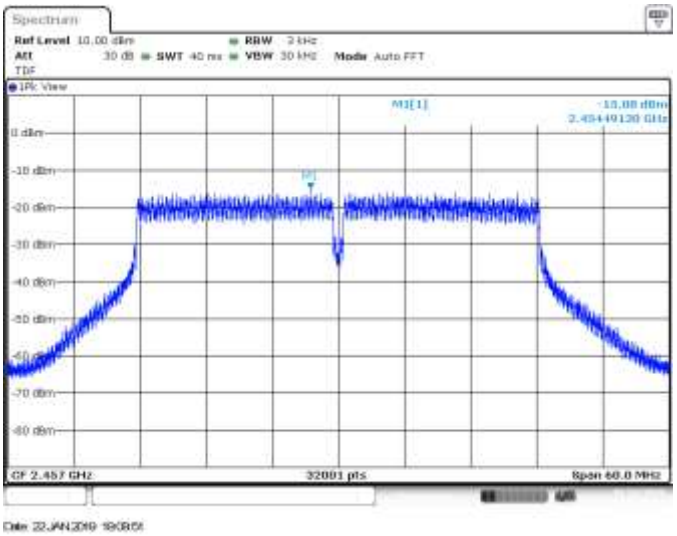
MIMO B, CH7, 802.11n40, HT8, Power



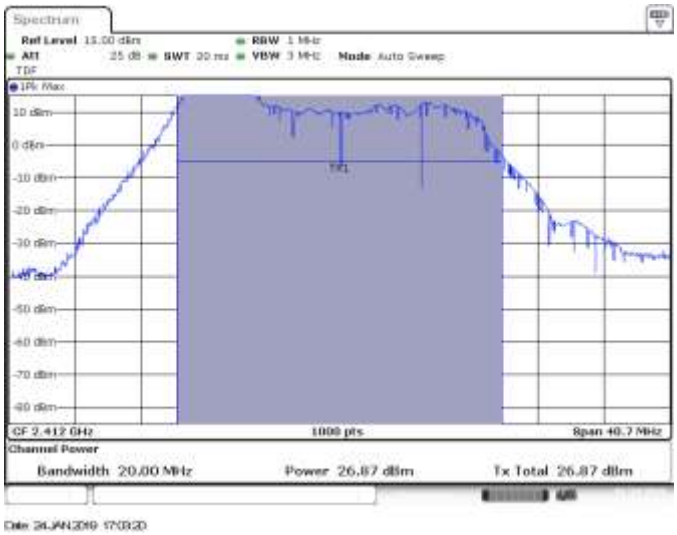
MIMO B, CH7, 802.11n40, HT8, PSD



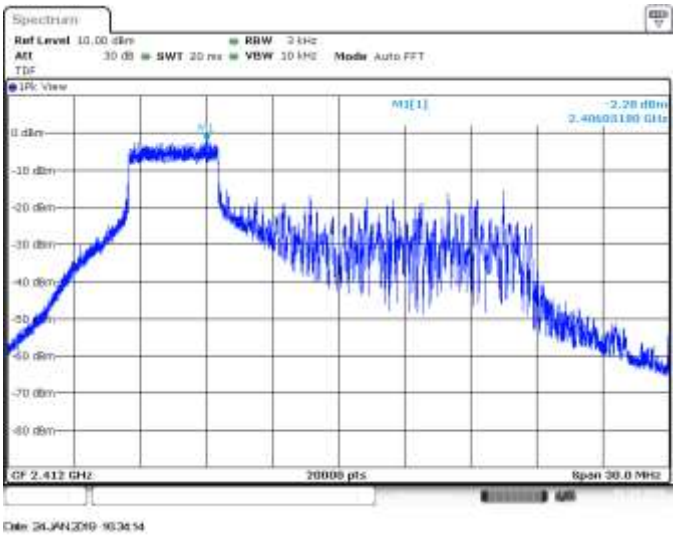
SISO A, CH10, 802.11n40, HT0, Power



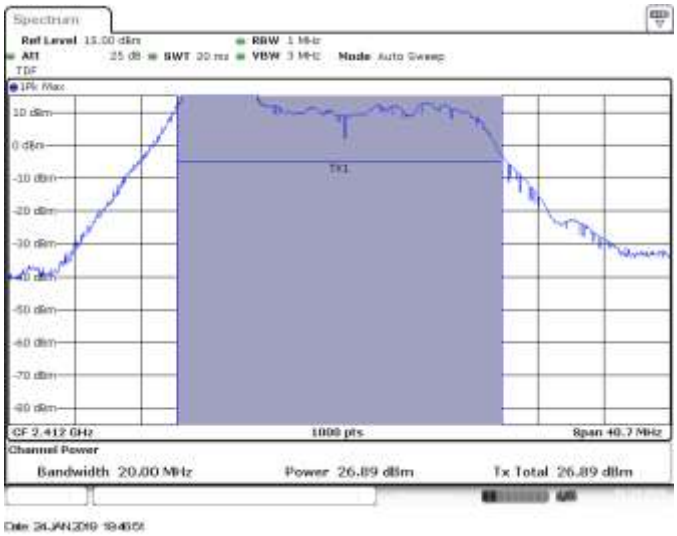
SISO A, CH10, 802.11n40, HT0, PSD



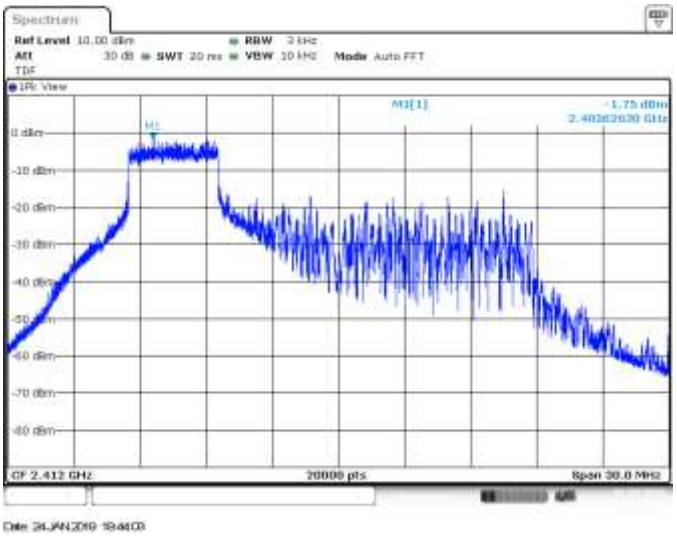
MIMO A, CH1, 802.11ax20_R52_37, HE0, Power



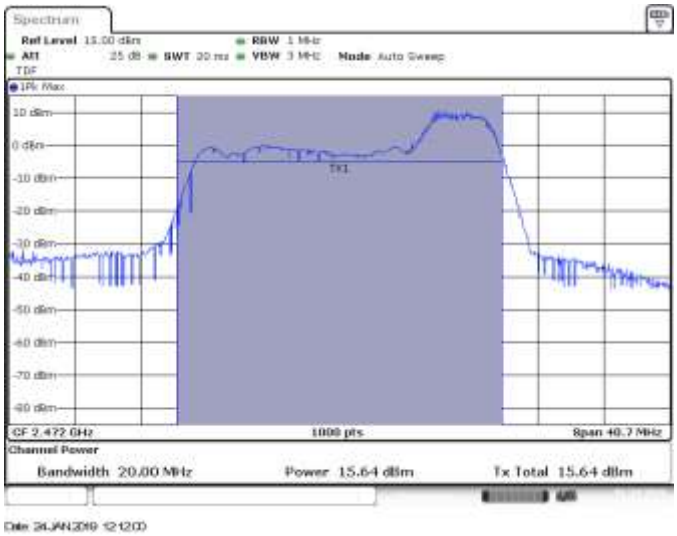
MIMO A, CH1, 802.11ax20_R52_37, HE0, PSD



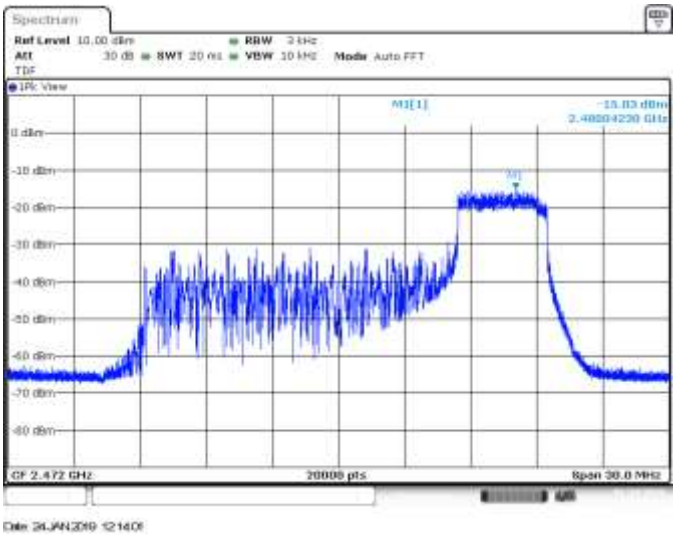
MIMO B, CH1, 802.11ax20_R52_37, HE0, Power



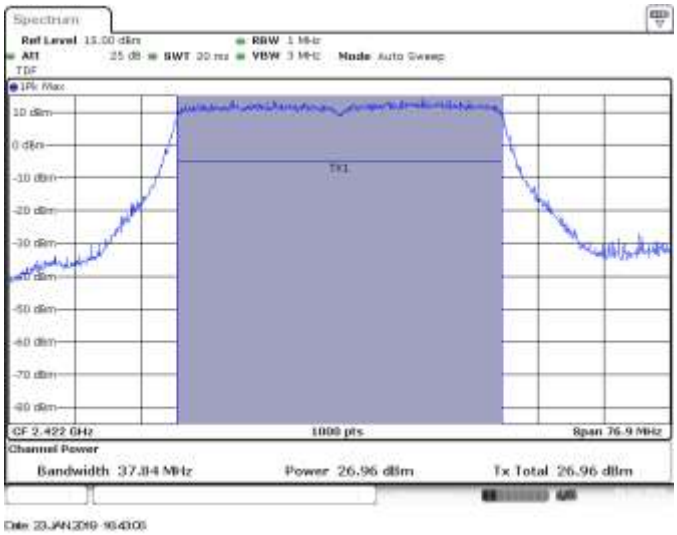
MIMO B, CH1, 802.11ax20_R52_37, HE0, PSD



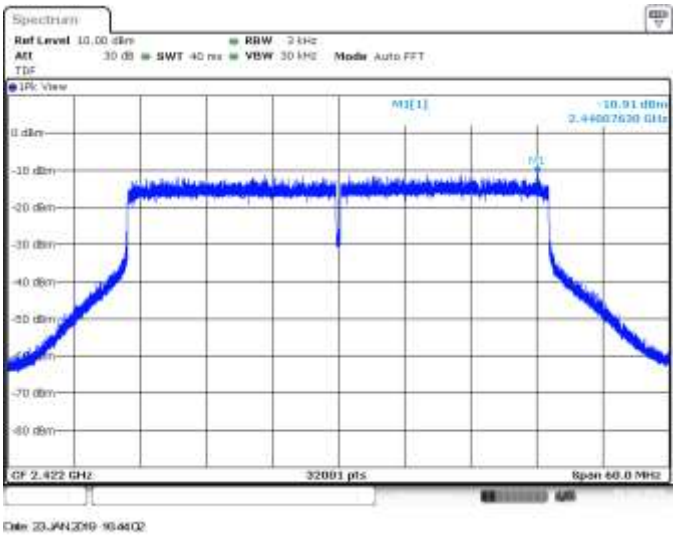
SISO A, CH13, 802.11ax20_R52_40, HE0, Power



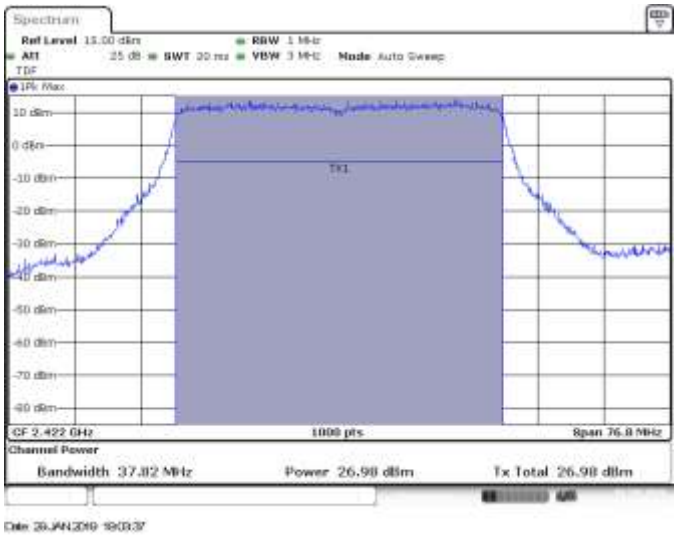
SISO A, CH13, 802.11ax20_R52_40, HE0, PSD



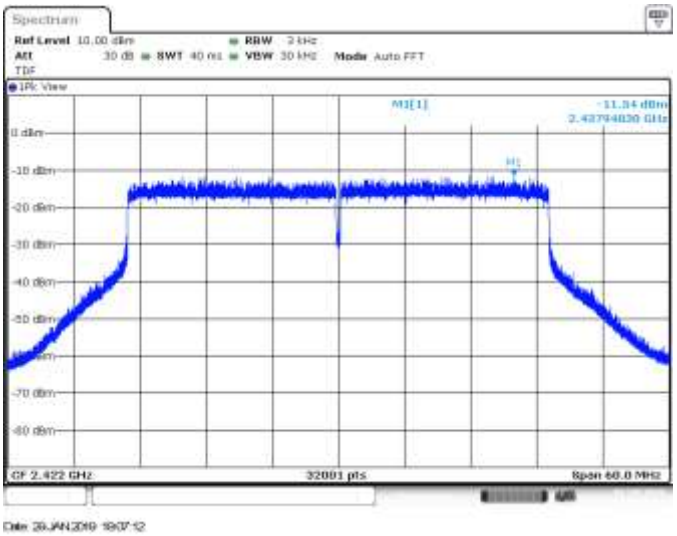
MIMO A, CH3, 802.11ax40, HE0, Power



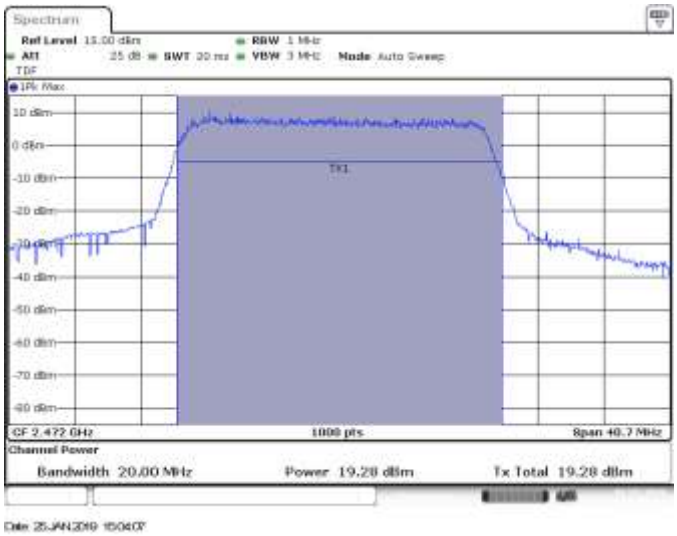
MIMO A, CH3, 802.11ax40, HE0, PSD



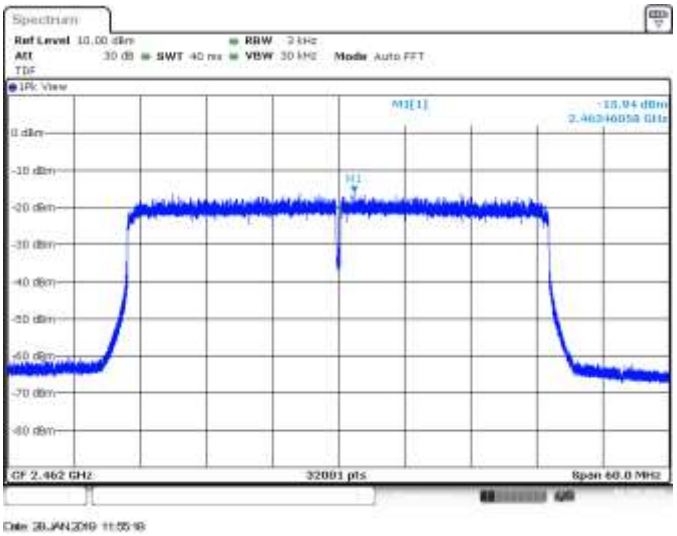
MIMO B, CH3, 802.11ax40, HE0, Power



MIMO B, CH3, 802.11ax40, HE0, PSD

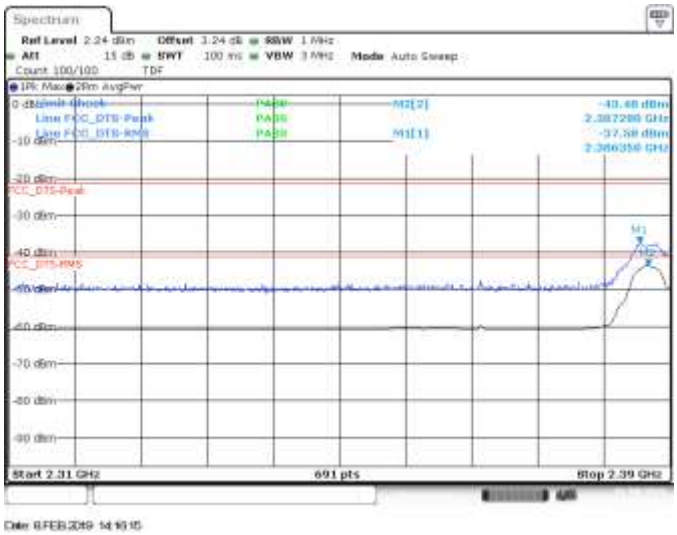


SISO B, CH11, 802.11ax40_R242_62, HE0, Power

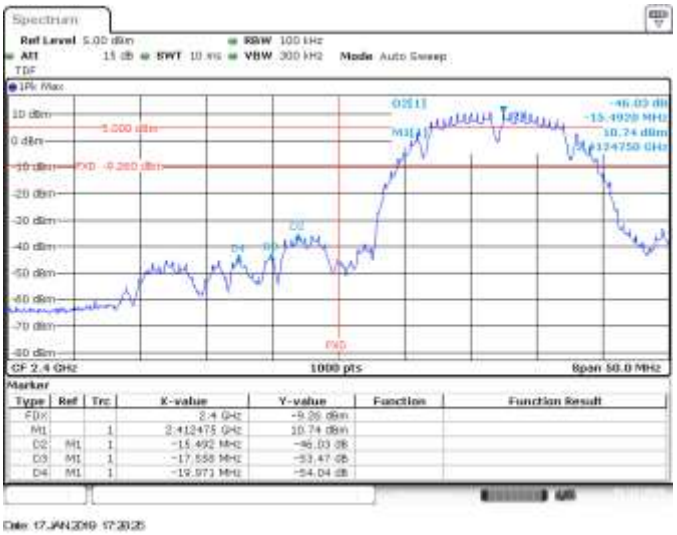


SISO B, CH11, 802.11ax40, HE0, PSD

B.3.3 Out of band emissions - band-edge

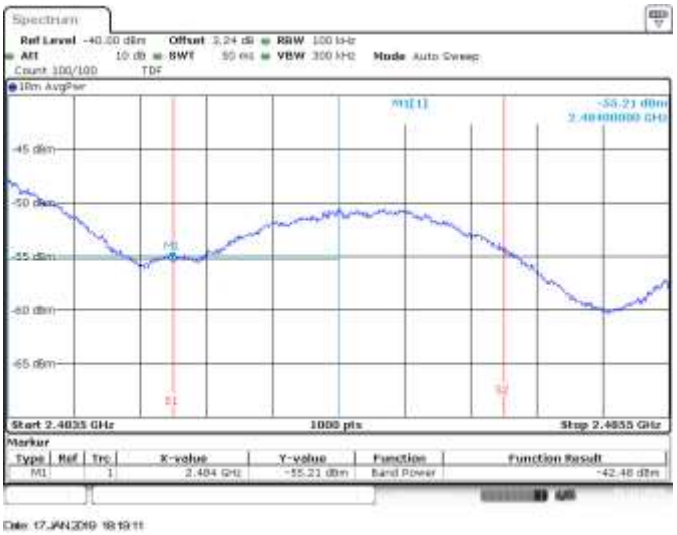


SISO A, CH1, 802.11b, 1Mbps, BE Low



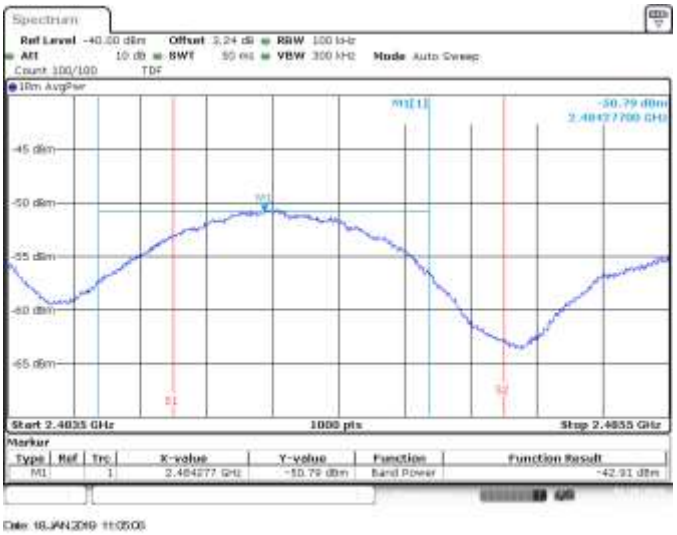
SISO A, CH1, 802.11b, 1Mbps, BE Low (Non Restricted)

SISO A, CH11, 802.11b, 1Mbps, BE High (Restricted)



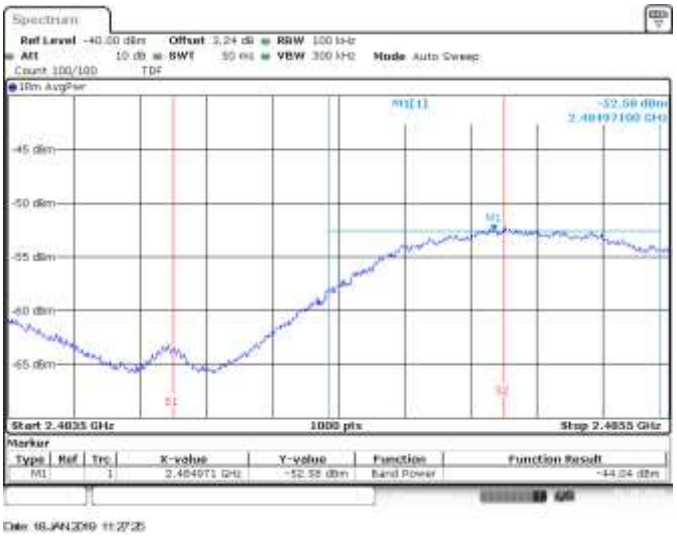
SISO A, CH11, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)

SISO A, CH12, 802.11b, 1Mbps, BE High (Restricted)

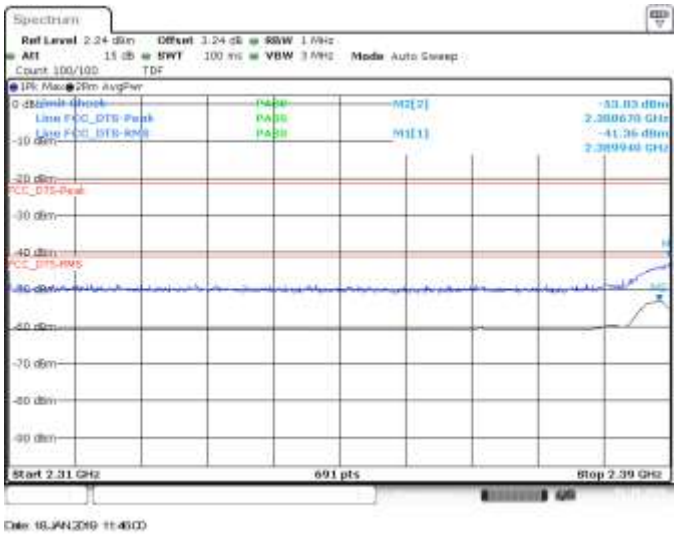


SISO A, CH12, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)

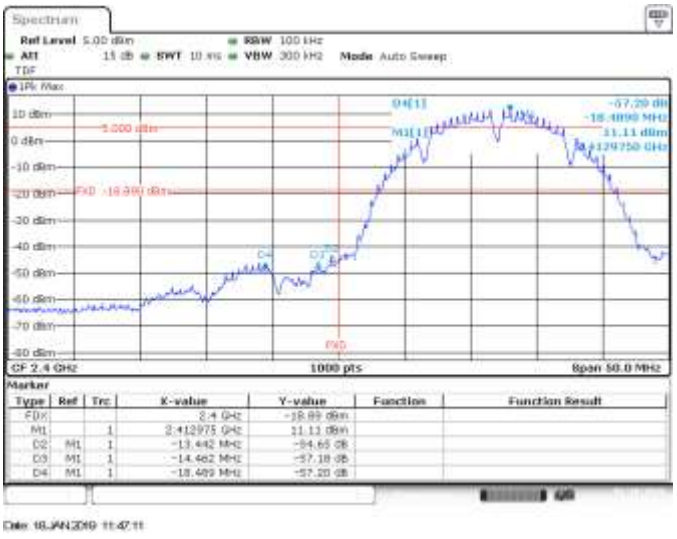
SISO A, CH13, 802.11b, 1Mbps, BE High (Restricted)



SISO A, CH13, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)

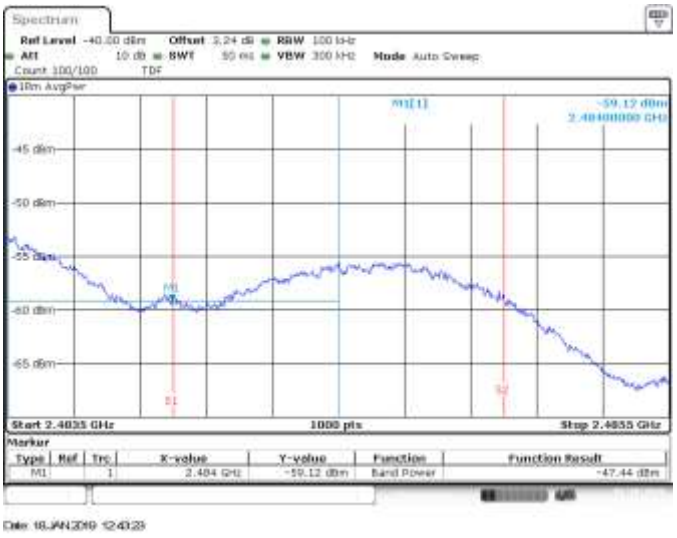


SISO B, CH1, 802.11b, 1Mbps, BE Low

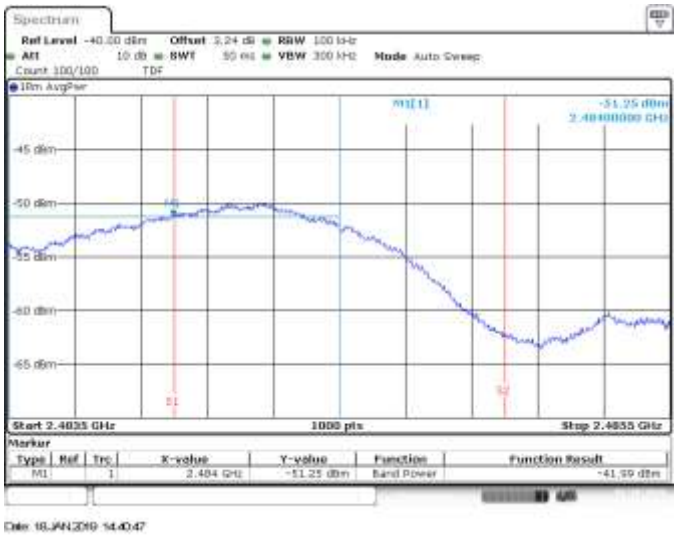


SISO B, CH1, 802.11b, 1Mbps, BE Low (Non Restricted)

SISO B, CH11, 802.11b, 1Mbps, BE High (Restricted)



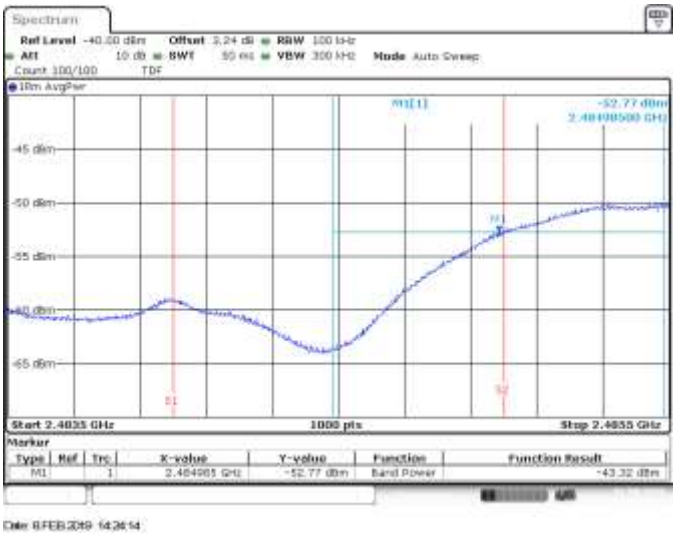
SISO B, CH11, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)



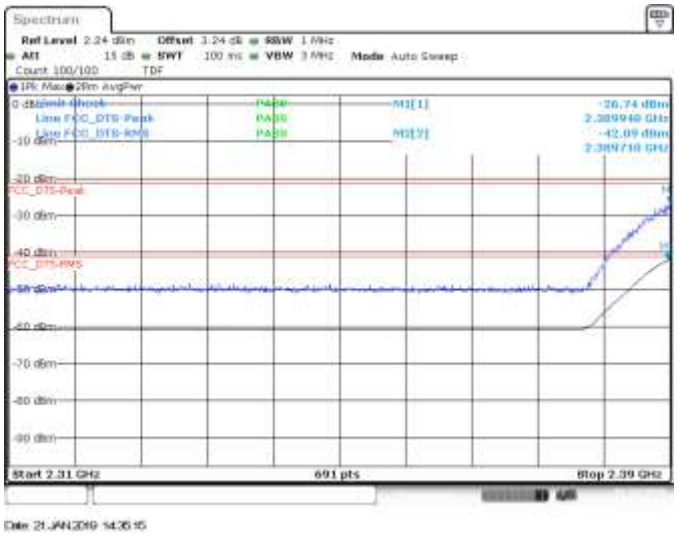
SISO B, CH12, 802.11b, 1Mbps, BE High (Restricted)

SISO B, CH12, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)

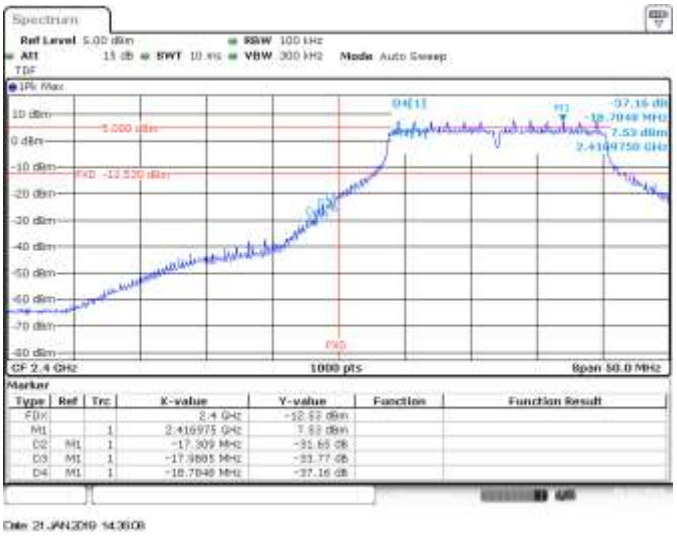
SISO B, CH13, 802.11b, 1Mbps, BE High (Restricted)



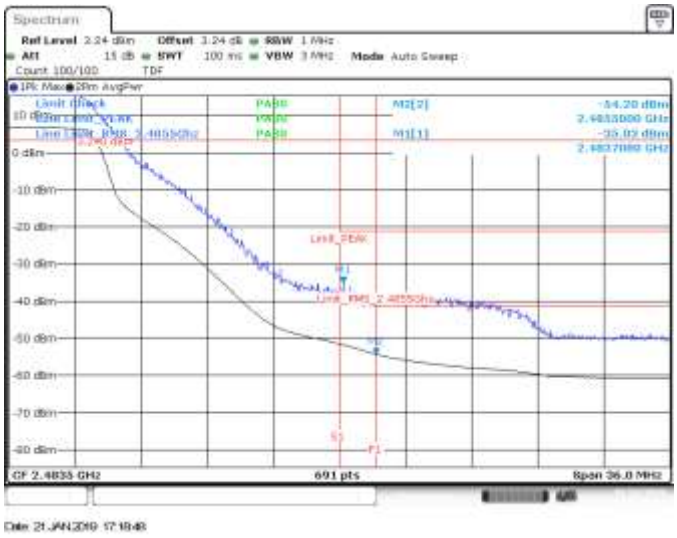
SISO B, CH13, 802.11b, 1Mbps, BE High RMS within 2MHz (Restricted)



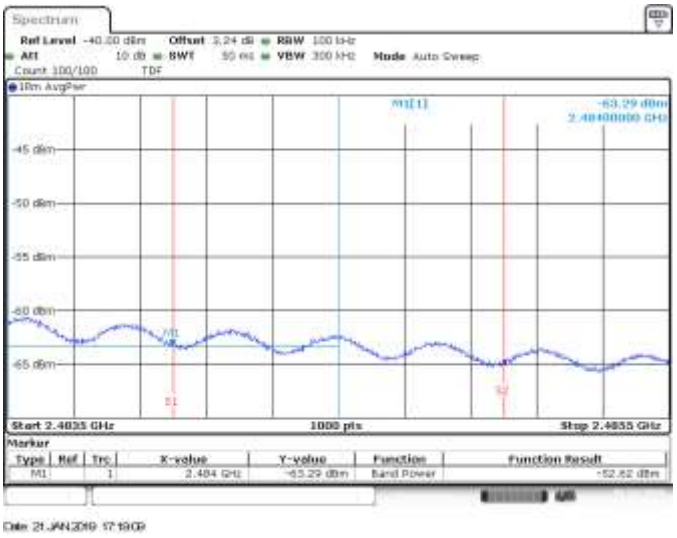
SISO A, CH1, 802.11g, 6Mbps, BE Low



SISO A, CH1, 802.11g, 6Mbps, BE Low (Non Restricted)

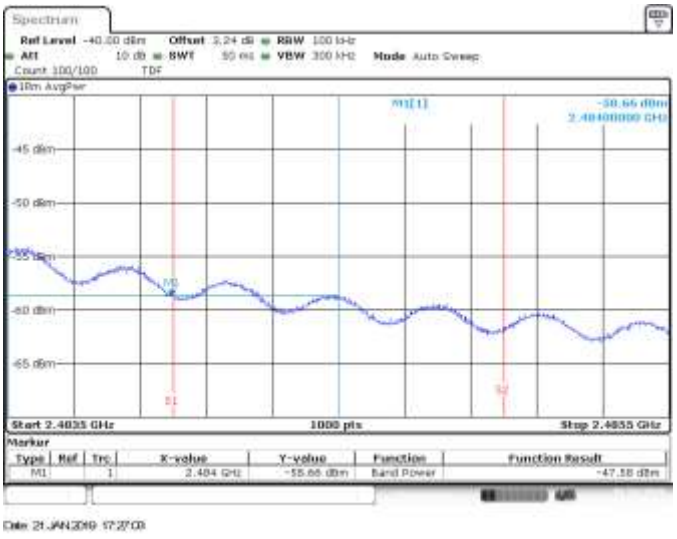


SISO A, CH11, 802.11g, 6Mbps, BE High (Restricted)



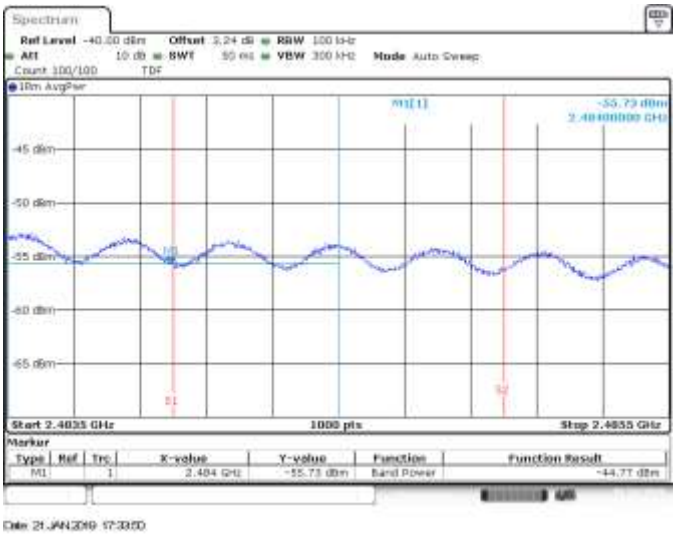
SISO A, CH11, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)

SISO A, CH12, 802.11g, 6Mbps, BE High (Restricted)

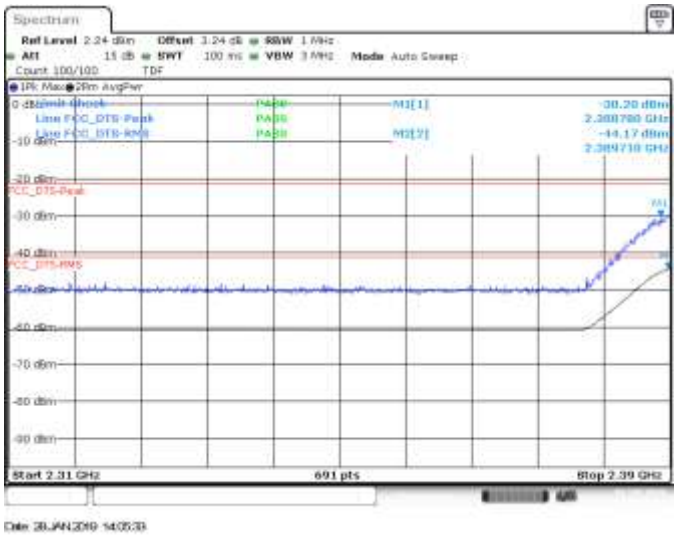


SISO A, CH12, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)

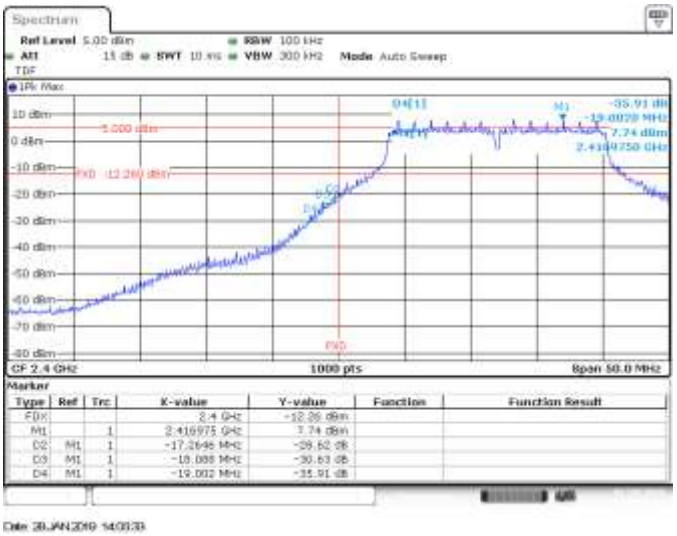
SISO A, CH13, 802.11g, 6Mbps, BE High (Restricted)



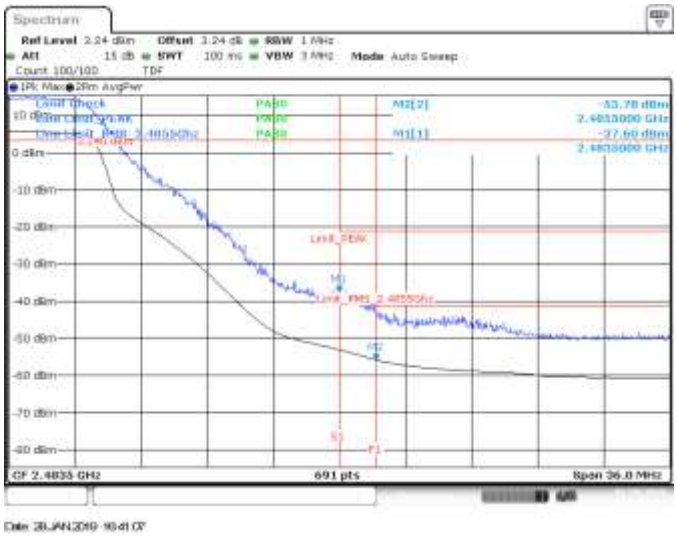
SISO A, CH13, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)



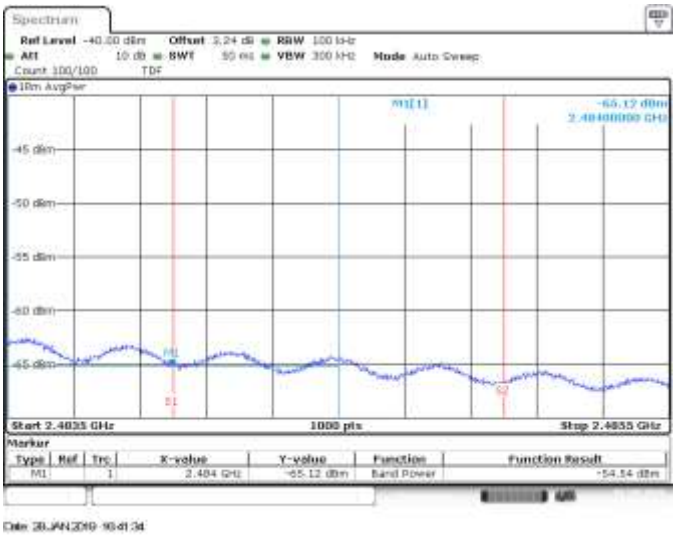
SISO B, CH1, 802.11g, 6Mbps, BE Low



SISO B, CH1, 802.11g, 6Mbps, BE Low (Non Restricted)

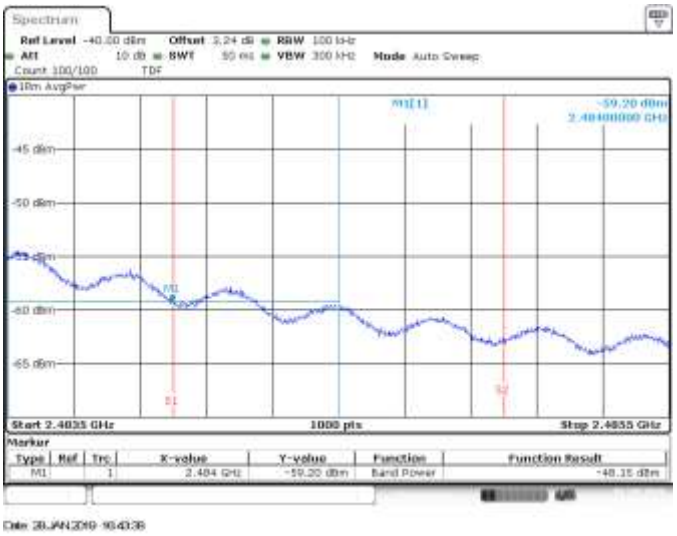


SISO B, CH11, 802.11g, 6Mbps, BE High (Restricted)

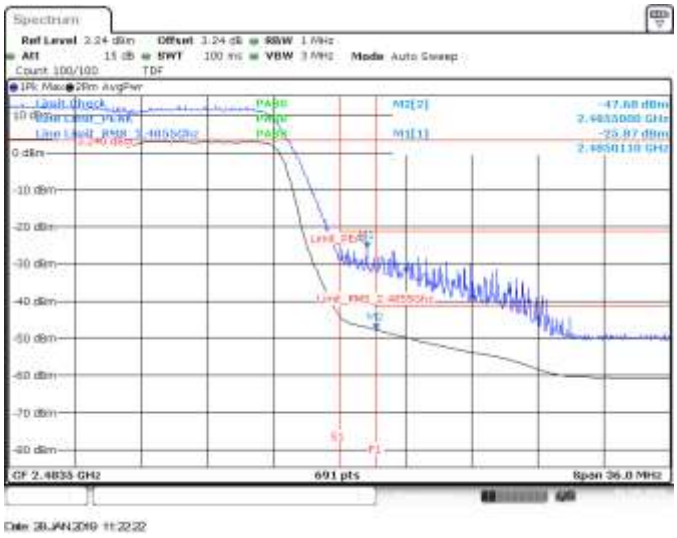


SISO B, CH11, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)

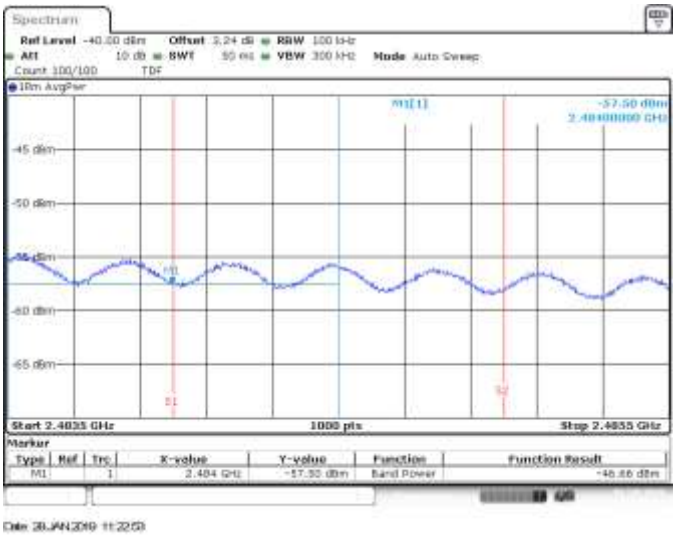
SISO B, CH12, 802.11g, 6Mbps, BE High (Restricted)



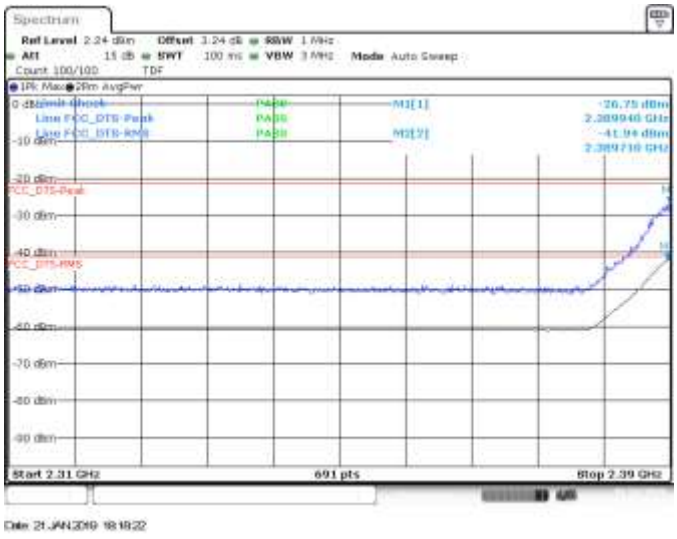
SISO B, CH12, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)



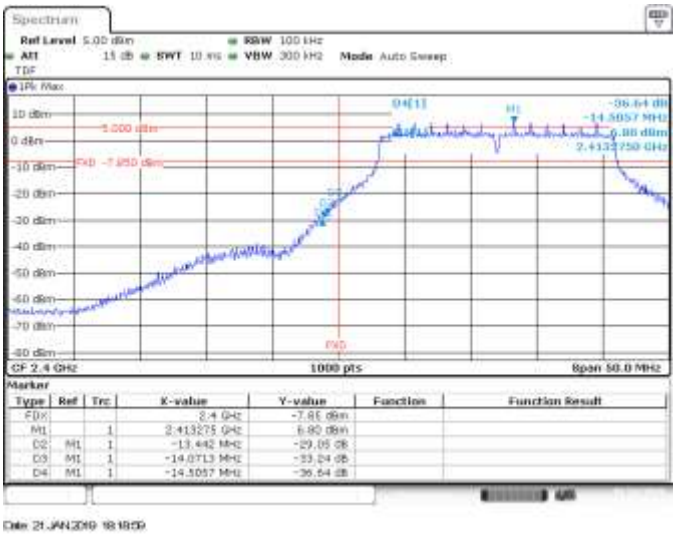
SISO B, CH13, 802.11g, 6Mbps, BE High (Restricted)



SISO B, CH13, 802.11g, 6Mbps, BE High RMS within 2MHz (Restricted)

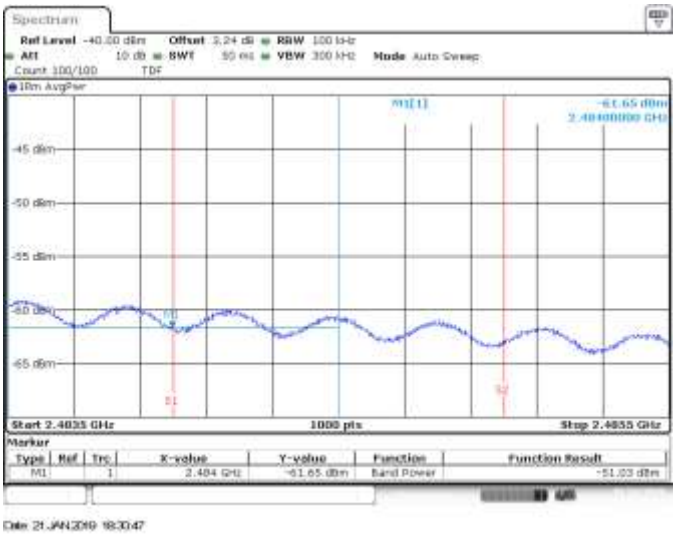


SISO A, CH1, 802.11n20, HT0, BE Low



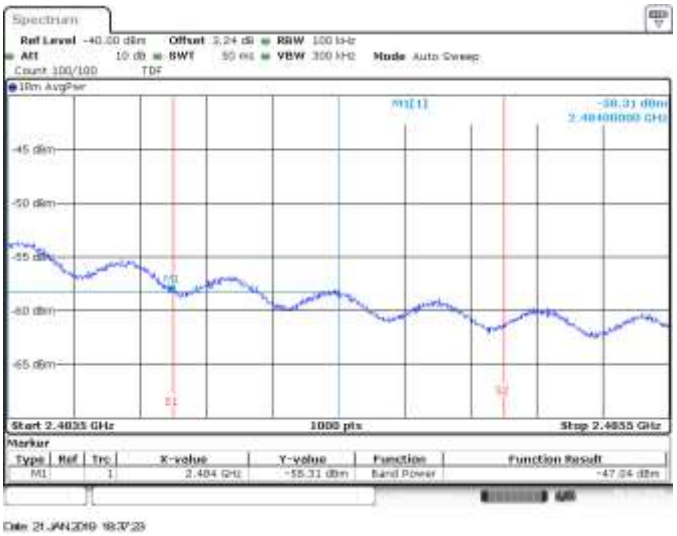
SISO A, CH1, 802.11n20, HT0, BE Low (Non Restricted)

SISO A, CH11, 802.11n20, HT0, BE High (Restricted)

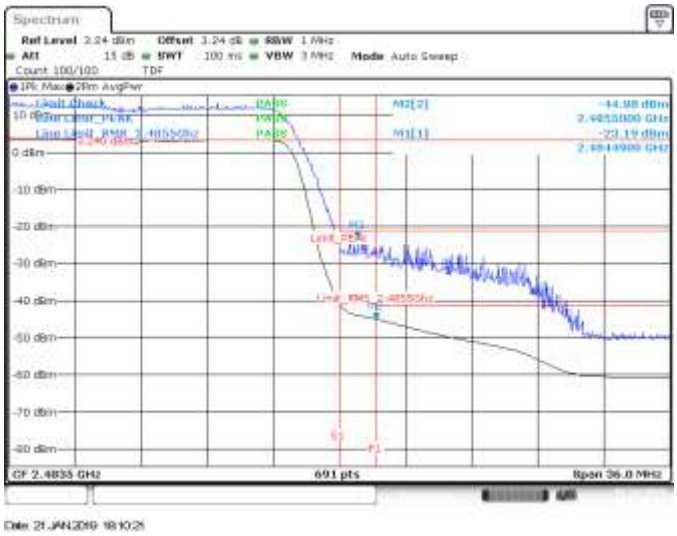


SISO A, CH11, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)

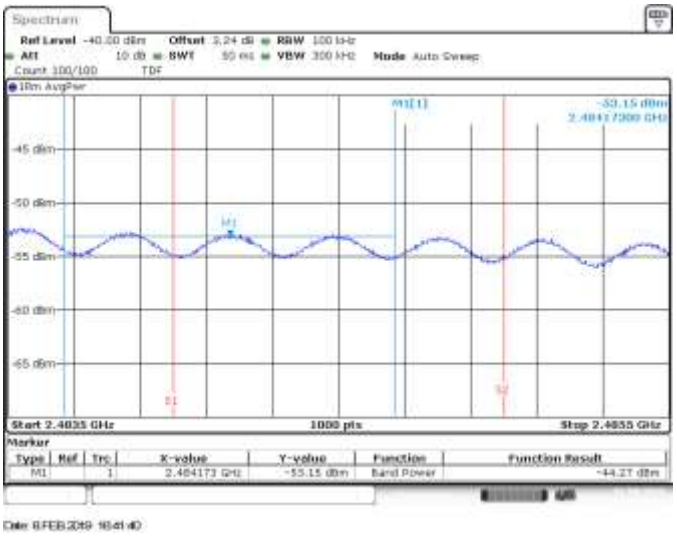
SISO A, CH12, 802.11n20, HT0, BE High (Restricted)



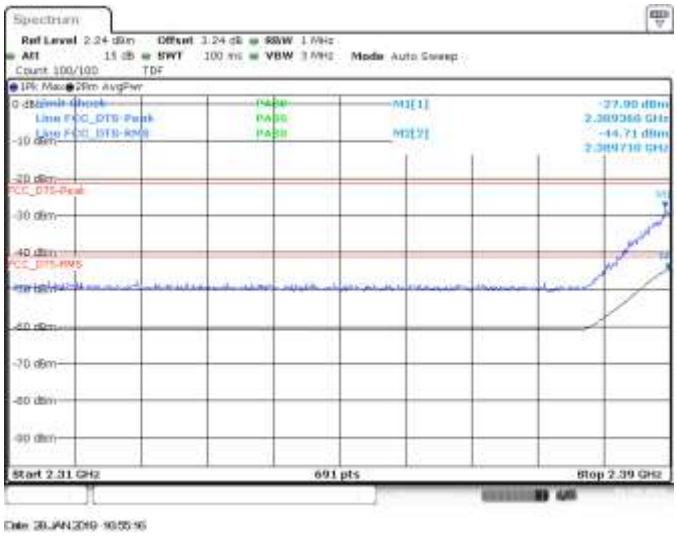
SISO A, CH12, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)



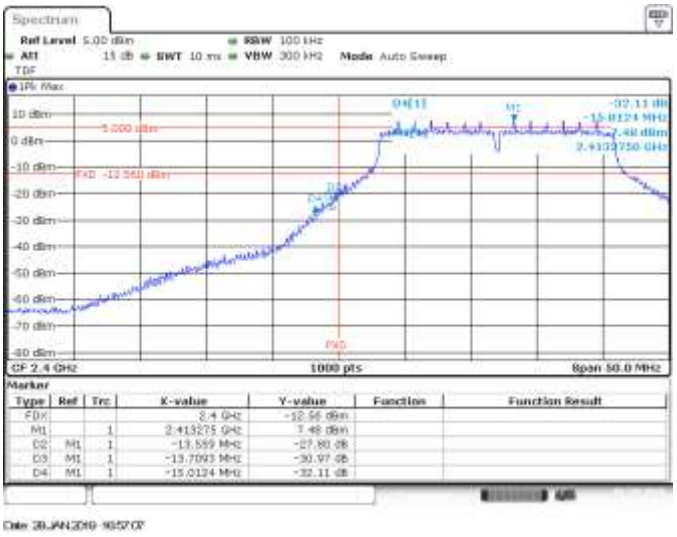
SISO A, CH13, 802.11n20, HT0, BE High (Restricted)



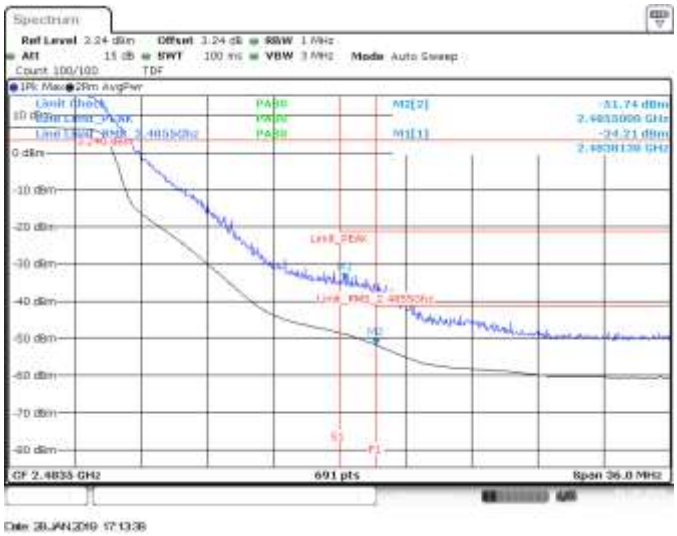
SISO A, CH13, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)



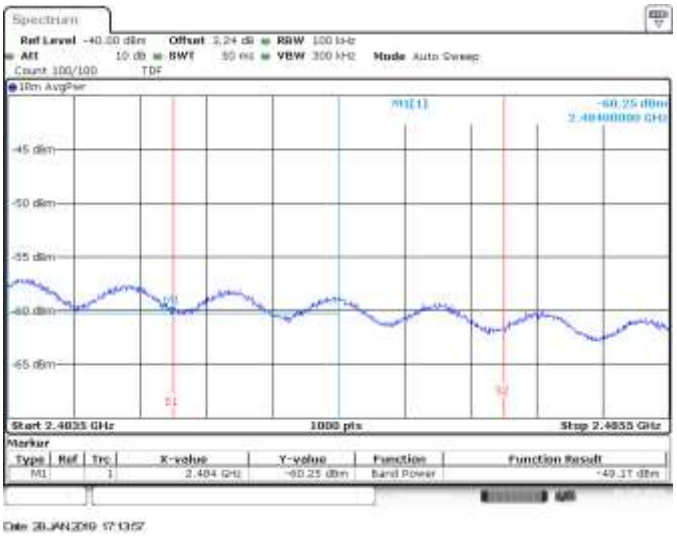
SISO B, CH1, 802.11n20, HT0, BE Low



SISO B, CH1, 802.11n20, HT0, BE Low (Non Restricted)

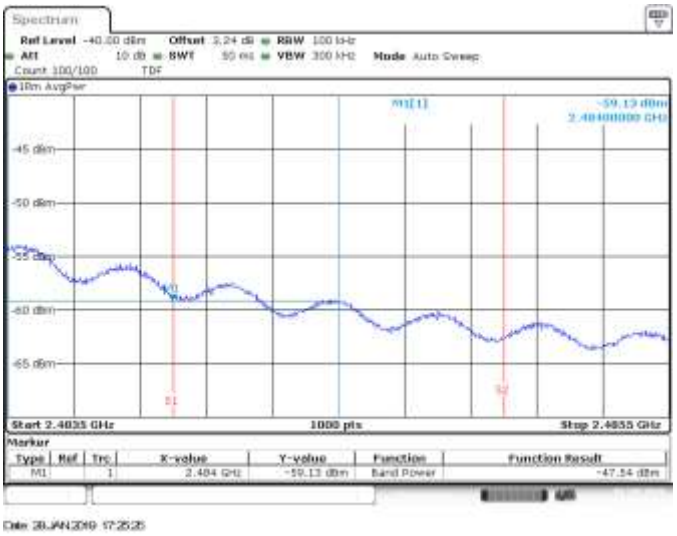


SISO B, CH11, 802.11n20, HT0, BE High (Restricted)



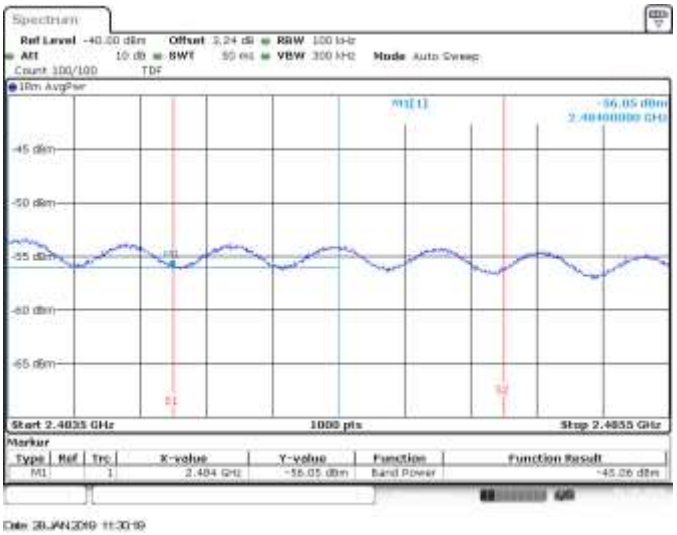
SISO B, CH11, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)

SISO B, CH12, 802.11n20, HT0, BE High (Restricted)

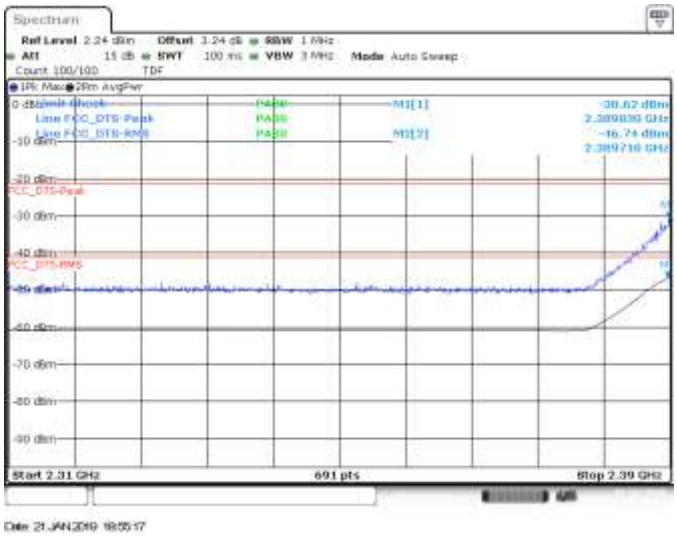


SISO B, CH12, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)

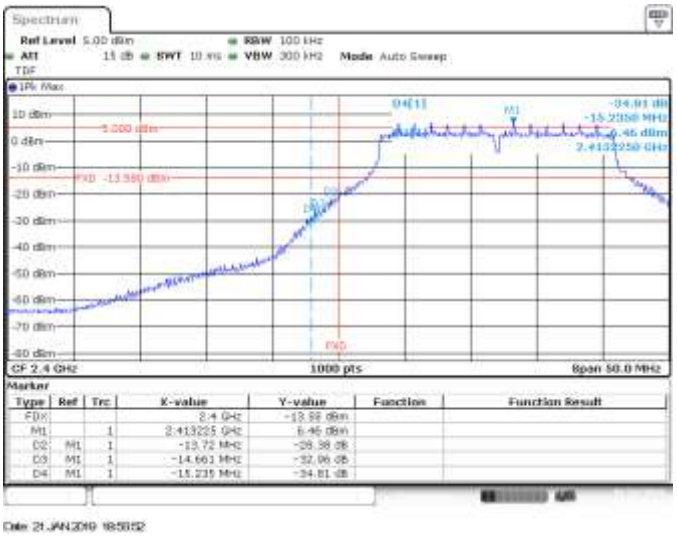
SISO B, CH13, 802.11n20, HT0, BE High (Restricted)



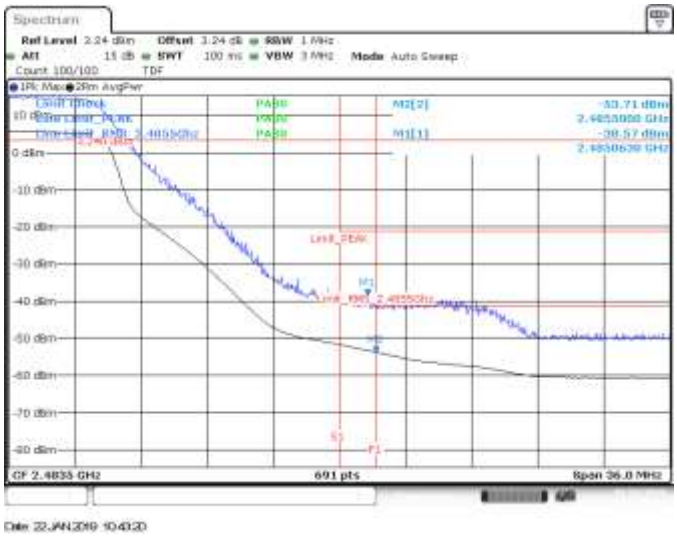
SISO B, CH13, 802.11n20, HT0, BE High RMS within 2MHz (Restricted)



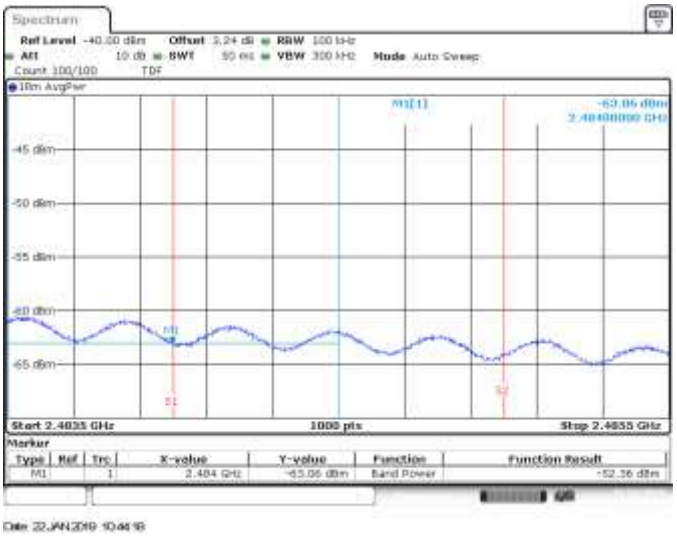
MIMO A, CH1, 802.11n20, HT8, BE Low



MIMO A, CH1, 802.11n20, HT8, BE Low (Non Restricted)

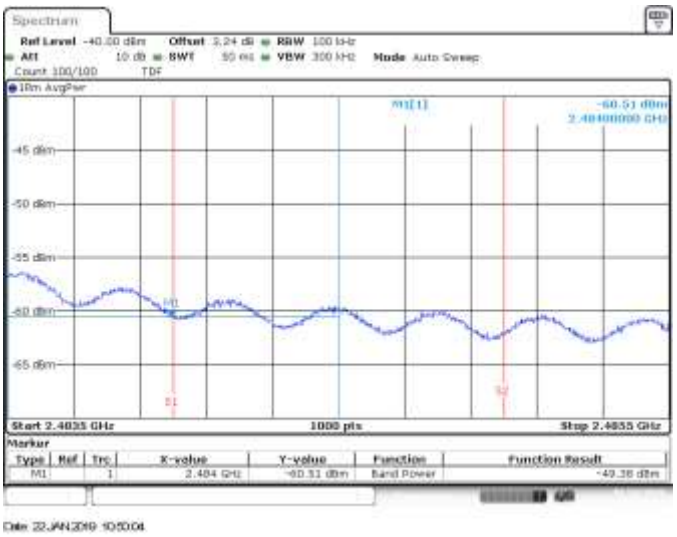


MIMO A, CH11, 802.11n20, HT8, BE High (Restricted)

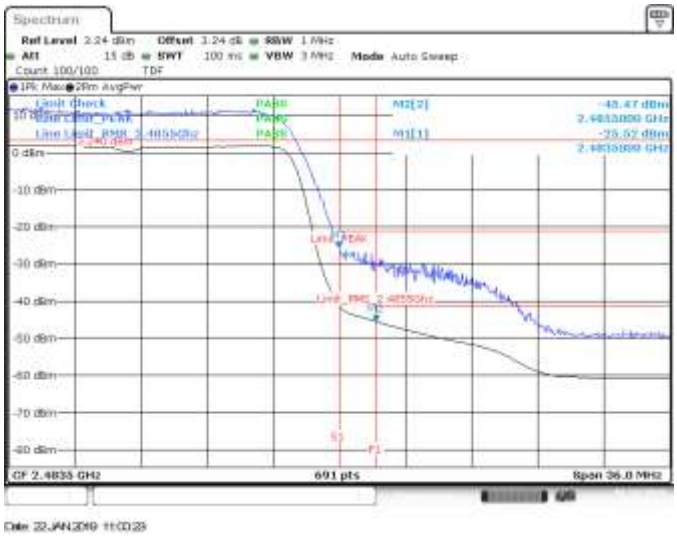


MIMO A, CH11, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)

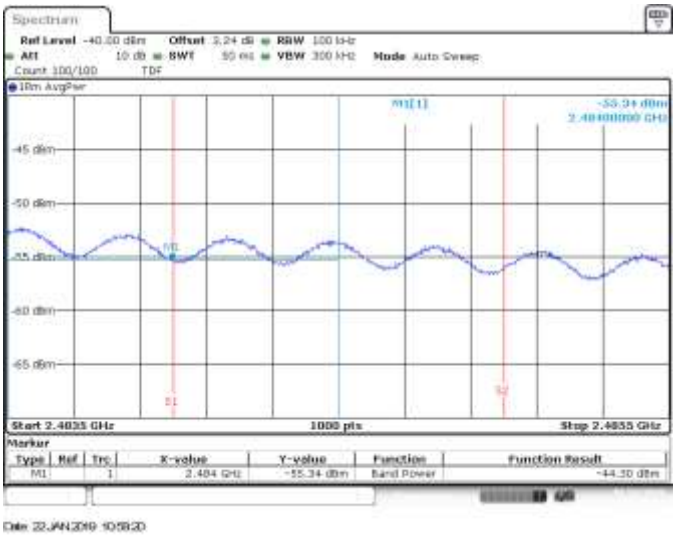
MIMO A, CH12, 802.11n20, HT8, BE High (Restricted)



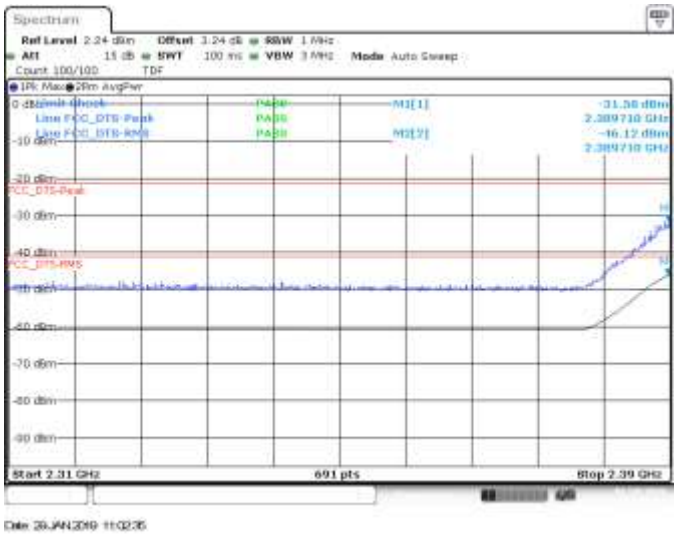
MIMO A, CH12, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)



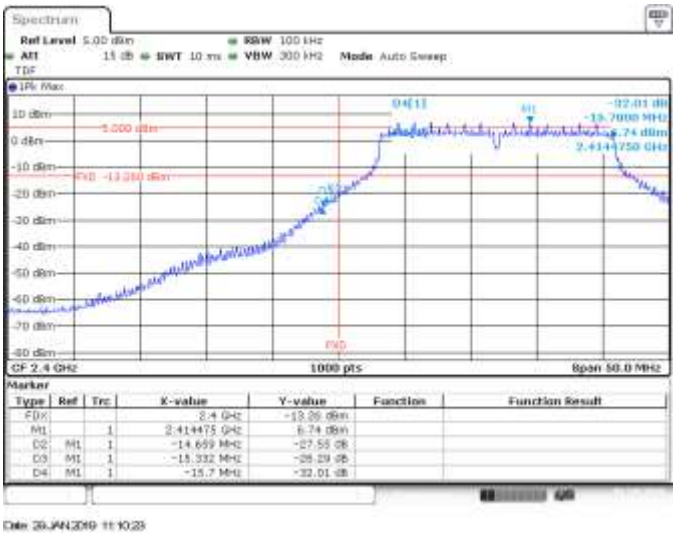
MIMO A, CH13, 802.11n20, HT8, BE High (Restricted)



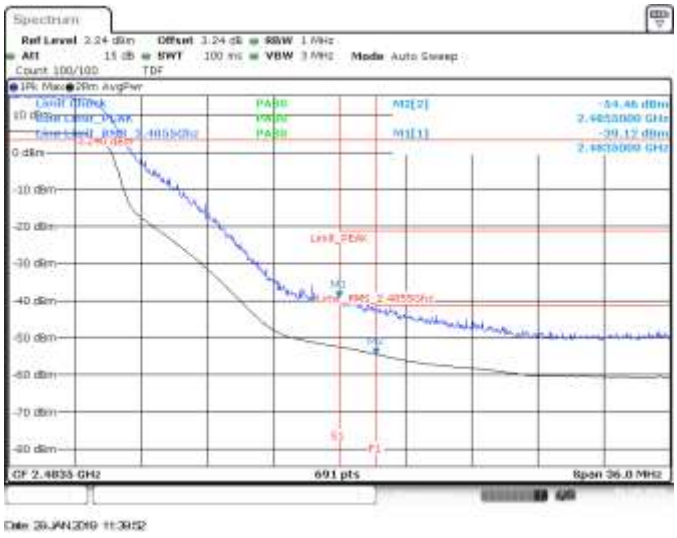
MIMO A, CH13, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)



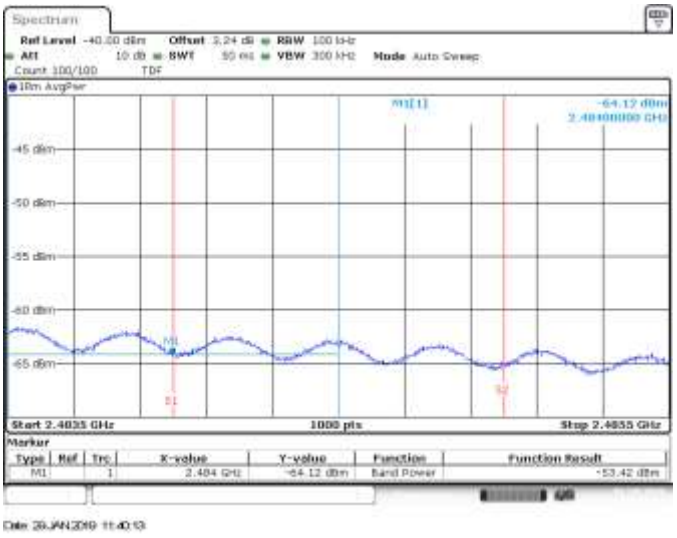
MIMO B, CH1, 802.11n20, HT8, BE Low



MIMO B, CH1, 802.11n20, HT8, BE Low (Non Restricted)

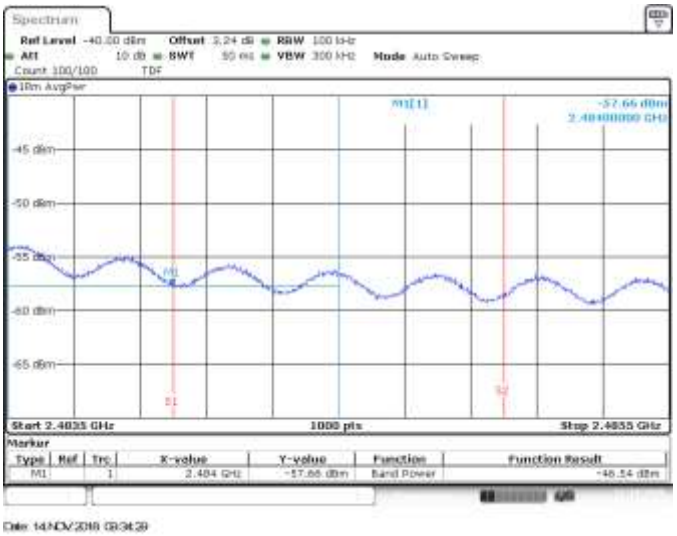


MIMO B, CH11, 802.11n20, HT8, BE High (Restricted)

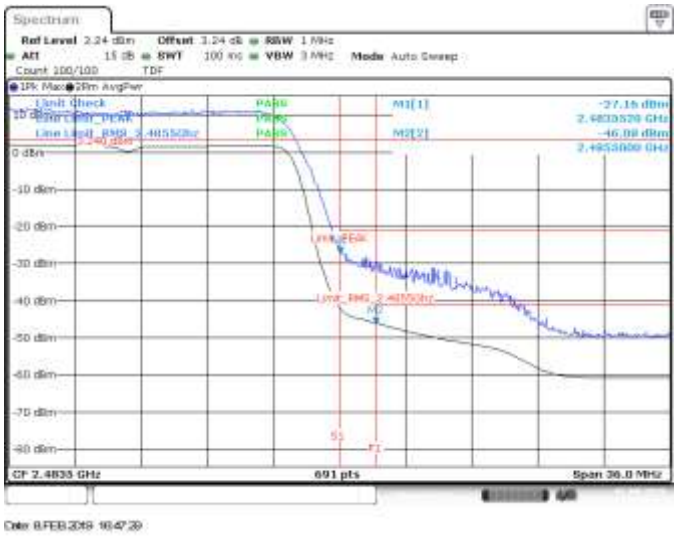


MIMO B, CH11, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)

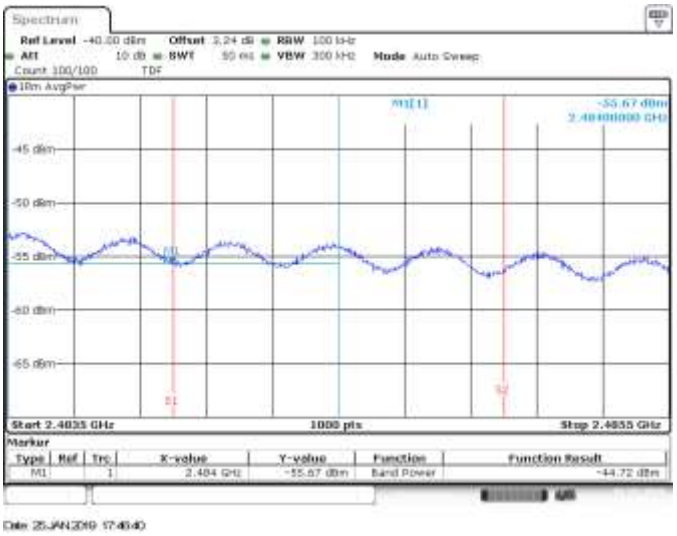
MIMO B, CH12, 802.11n20, HT8, BE High (Restricted)



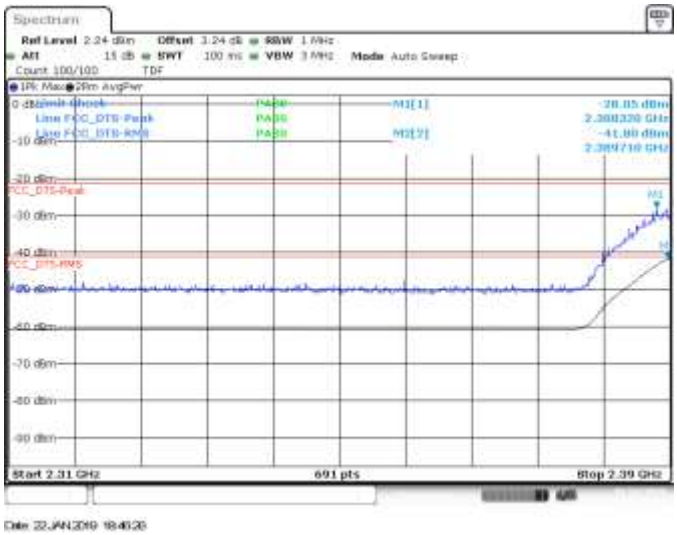
MIMO B, CH12, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)



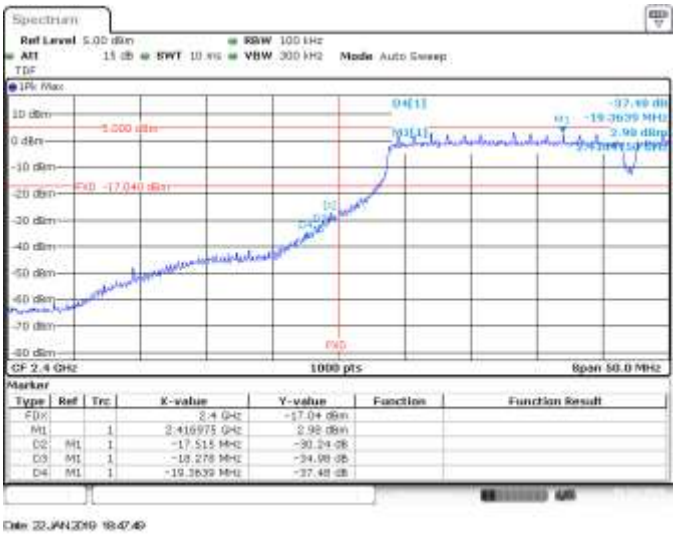
MIMO B, CH13, 802.11n20, HT8, BE High (Restricted)



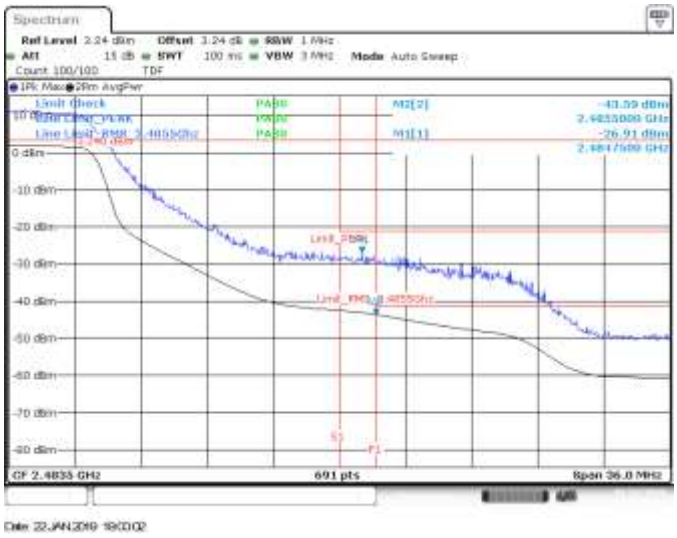
MIMO B, CH13, 802.11n20, HT8, BE High RMS within 2MHz (Restricted)



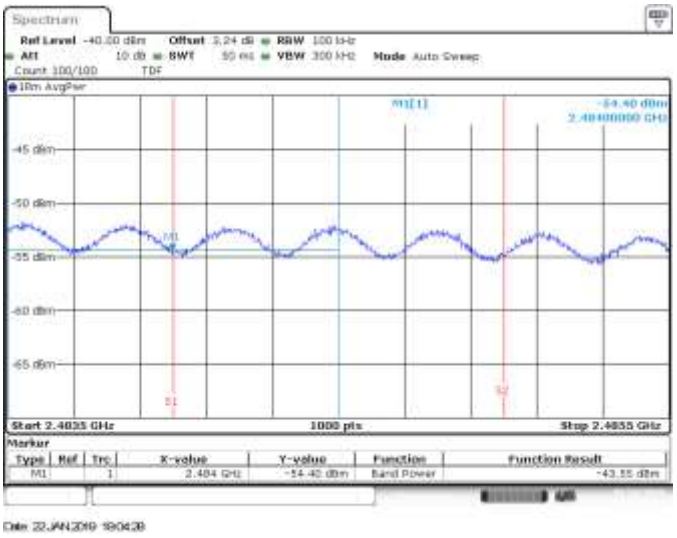
SISO A, CH3, 802.11n40, HT0, BE Low



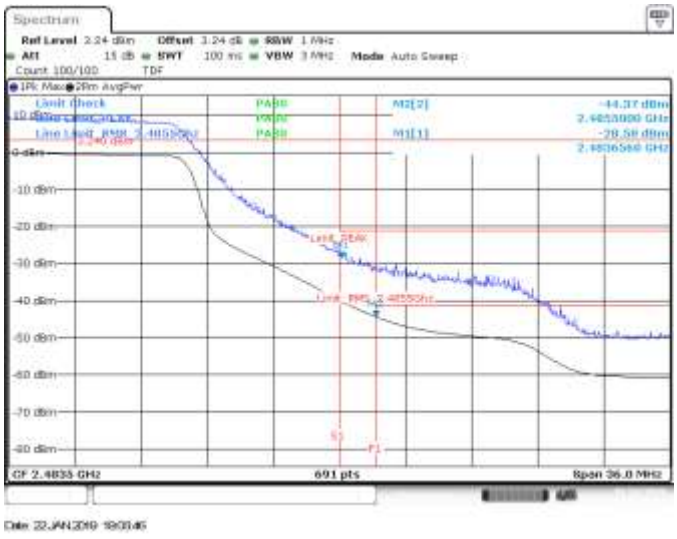
SISO A, CH3, 802.11n40, HT0, BE Low (Non Restricted)



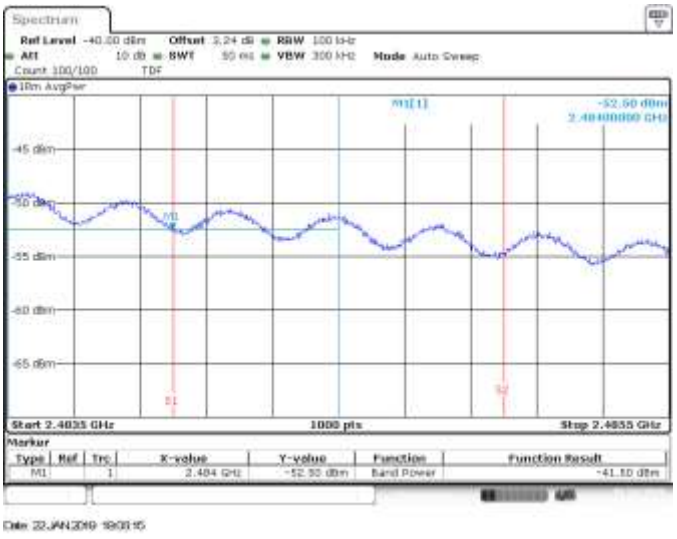
SISO A, CH9, 802.11n40, HT0, BE High (Restricted)



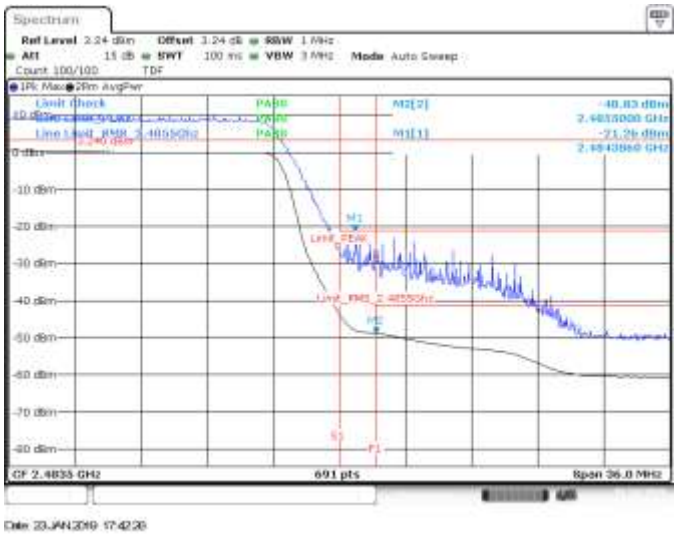
SISO A, CH9, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)



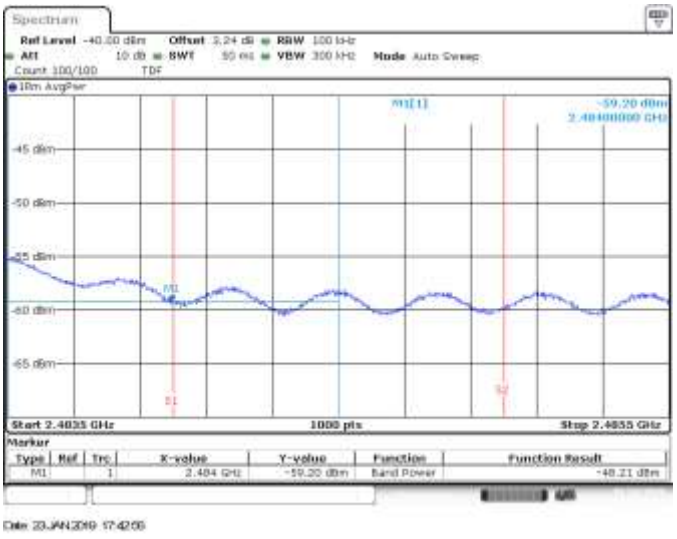
SISO A, CH10, 802.11n40, HT0, BE High (Restricted)



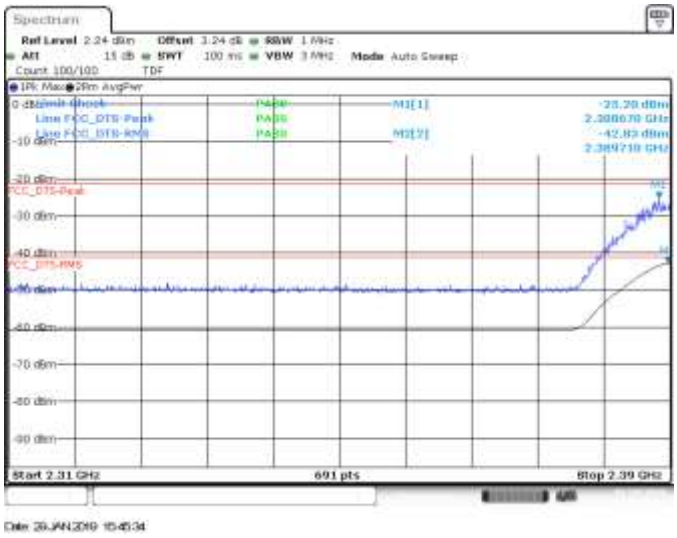
SISO A, CH10, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)



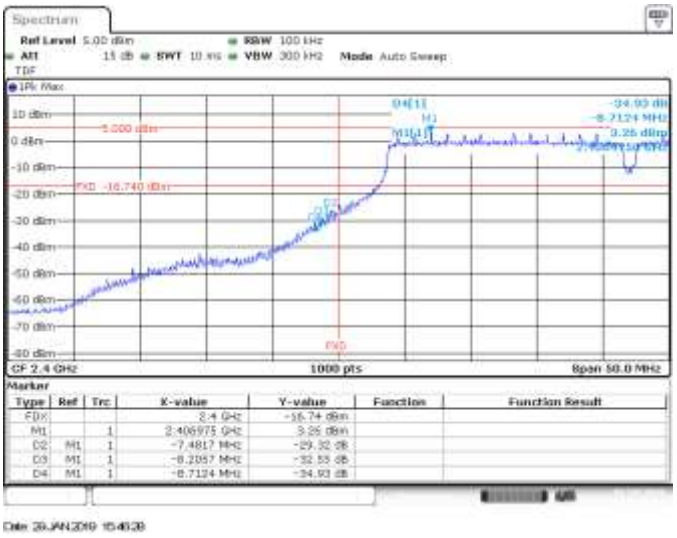
SISO A, CH11, 802.11n40, HT0, BE High (Restricted)



SISO A, CH11, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)

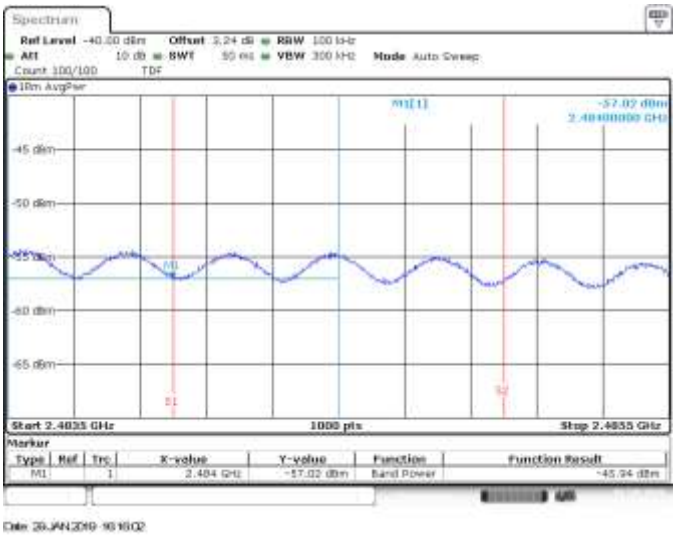


SISO B, CH3, 802.11n40, HT0, BE Low



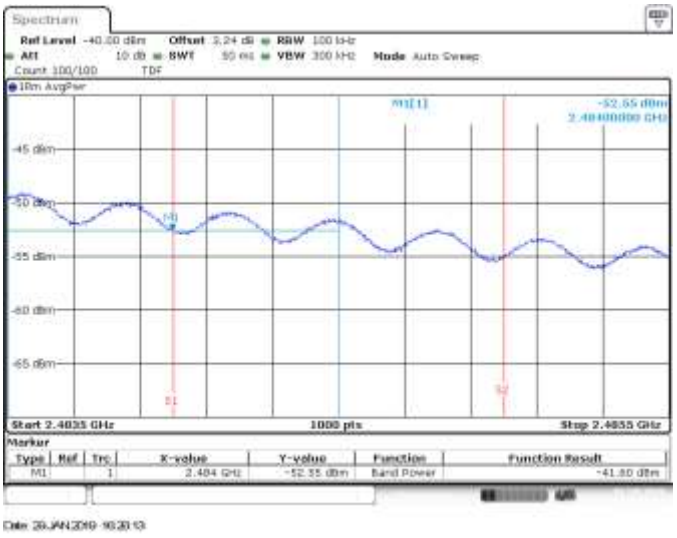
SISO B, CH3, 802.11n40, HT0, BE Low (Non Restricted)

SISO B, CH9, 802.11n40, HT0, BE High (Restricted)

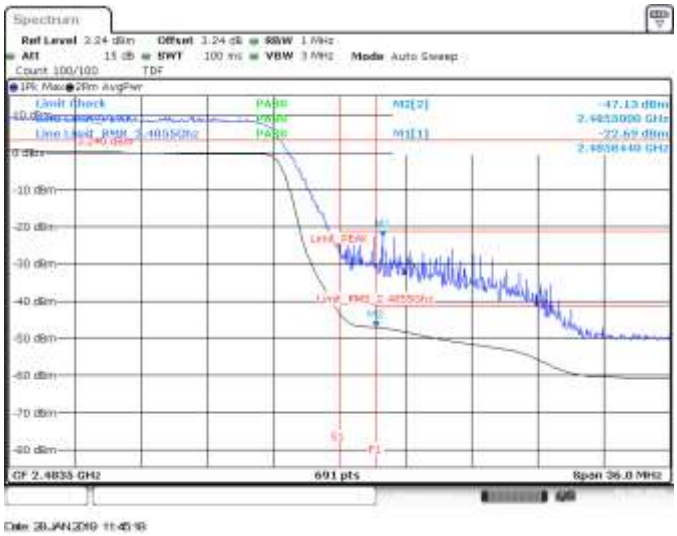


SISO B, CH9, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)

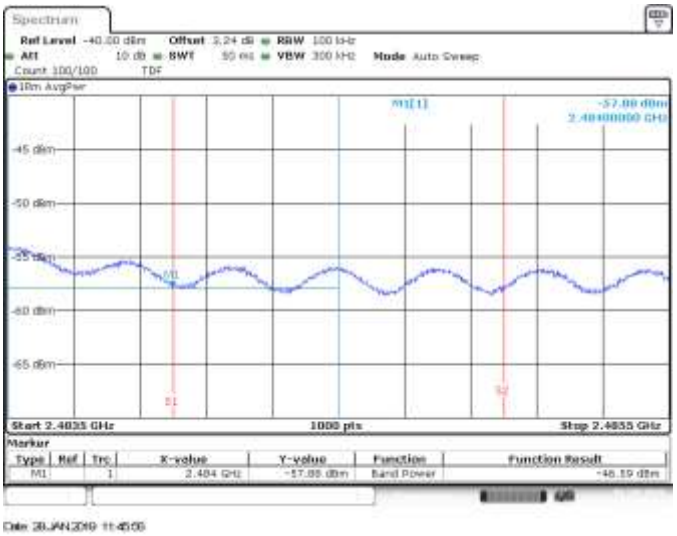
SISO B, CH10, 802.11n40, HT0, BE High (Restricted)



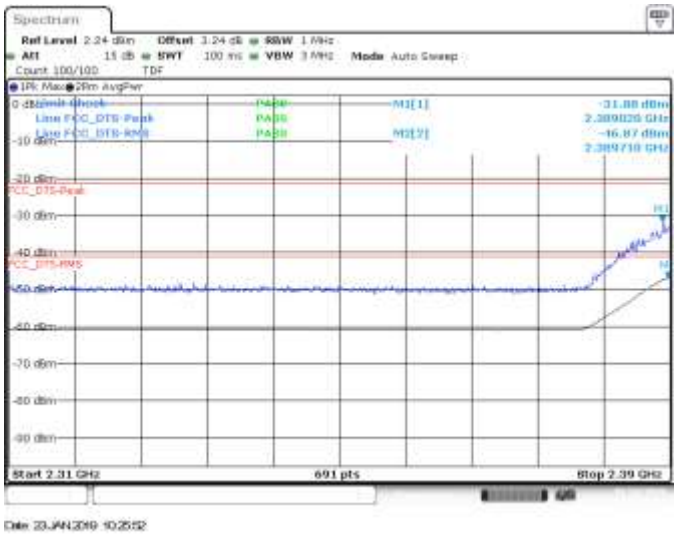
SISO B, CH10, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)



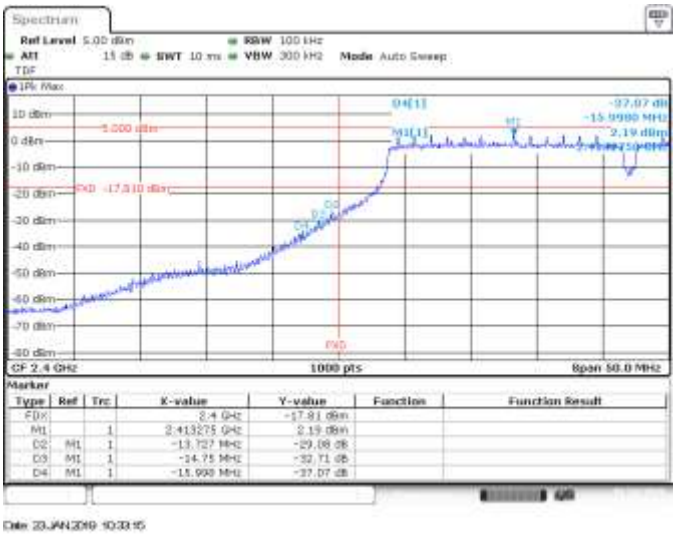
SISO B, CH11, 802.11n40, HT0, BE High (Restricted)



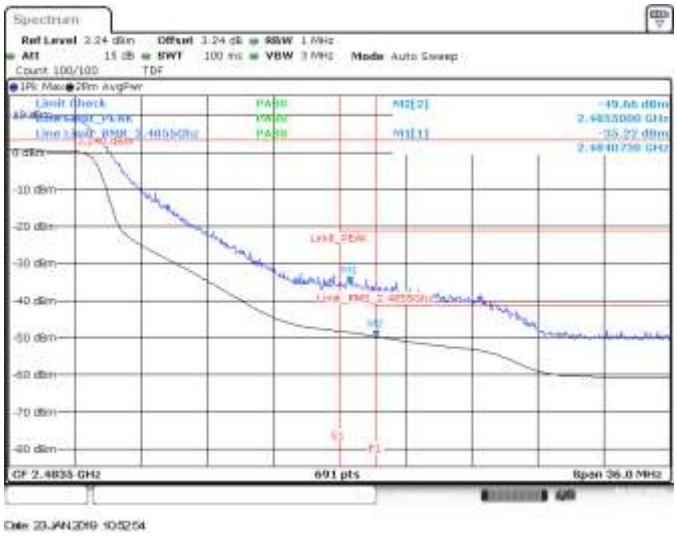
SISO B, CH11, 802.11n40, HT0, BE High RMS within 2MHz (Restricted)



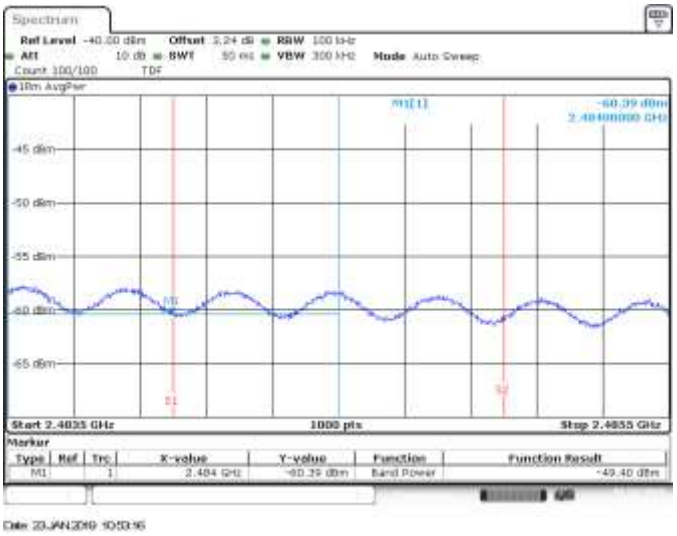
MIMO A, CH3, 802.11n40, HT8, BE Low



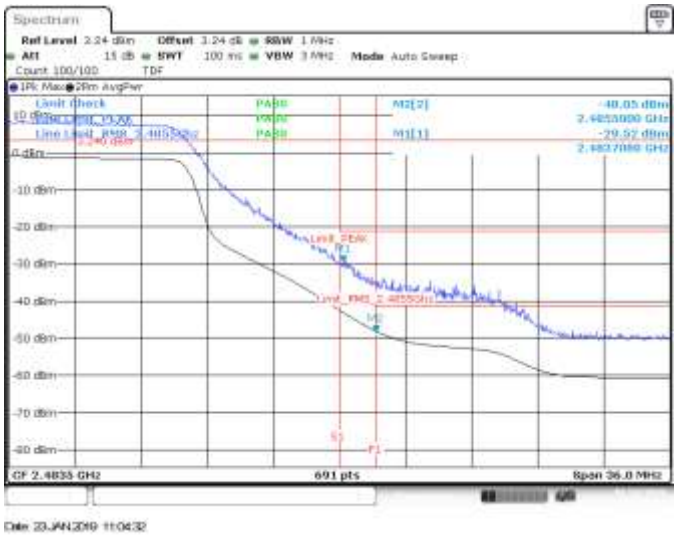
MIMO A, CH3, 802.11n40, HT8, BE Low (Non Restricted)



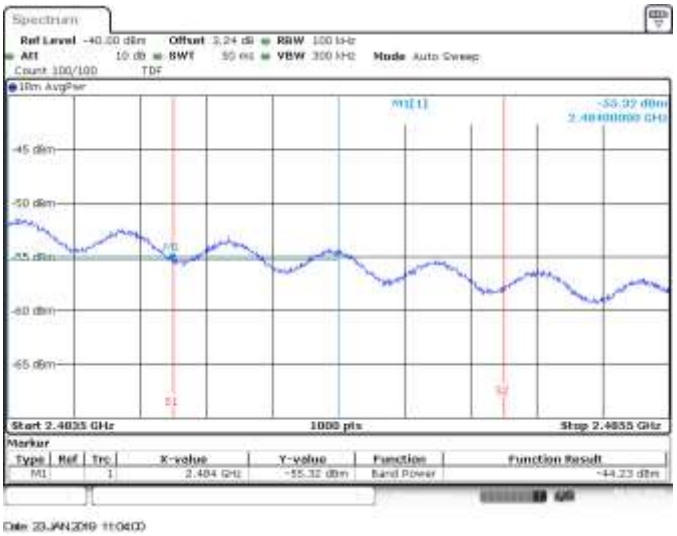
MIMO A, CH9, 802.11n40, HT8, BE High (Restricted)



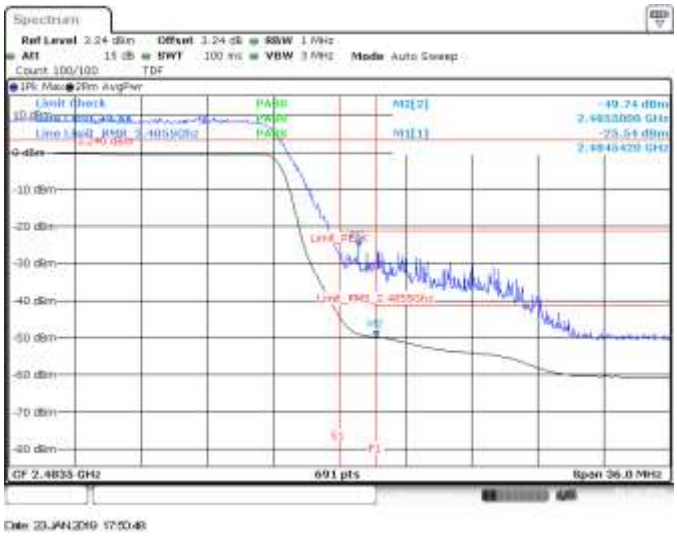
MIMO A, CH9, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)



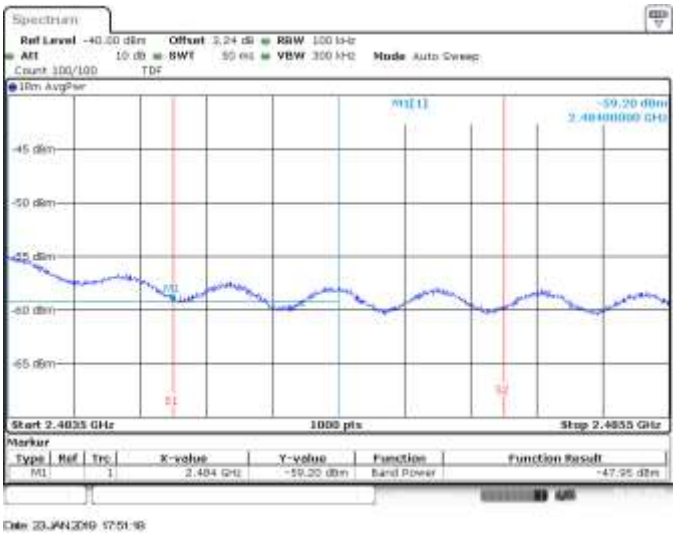
MIMO A, CH10, 802.11n40, HT8, BE High (Restricted)



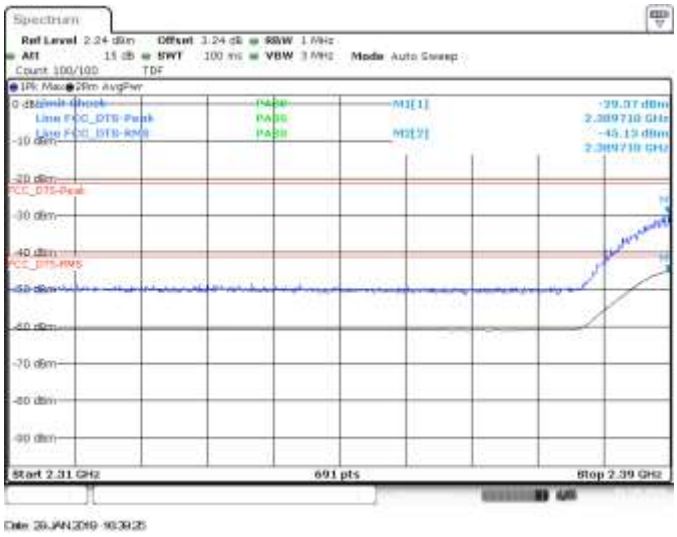
MIMO A, CH10, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)



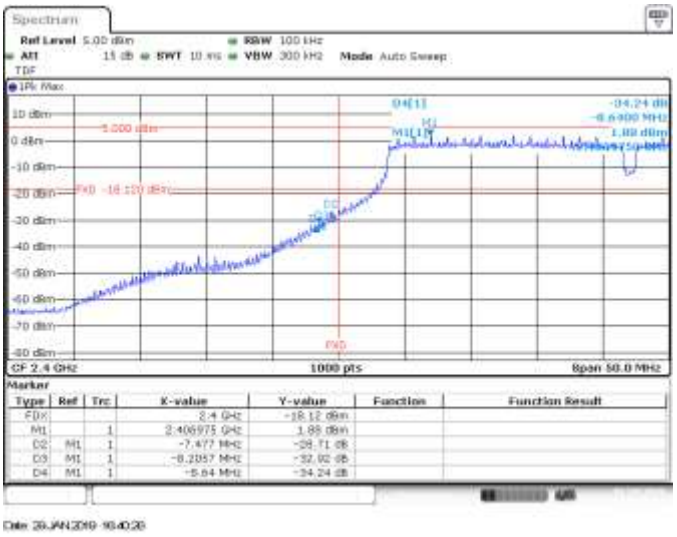
MIMO A, CH11, 802.11n40, HT8, BE High (Restricted)



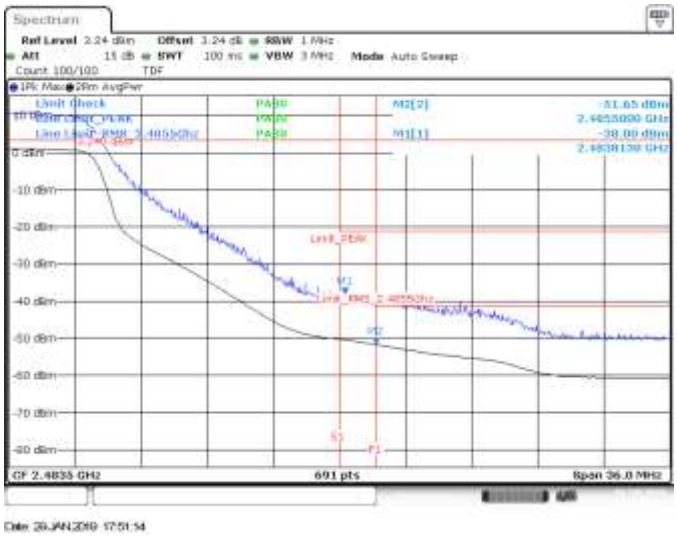
MIMO A, CH11, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)



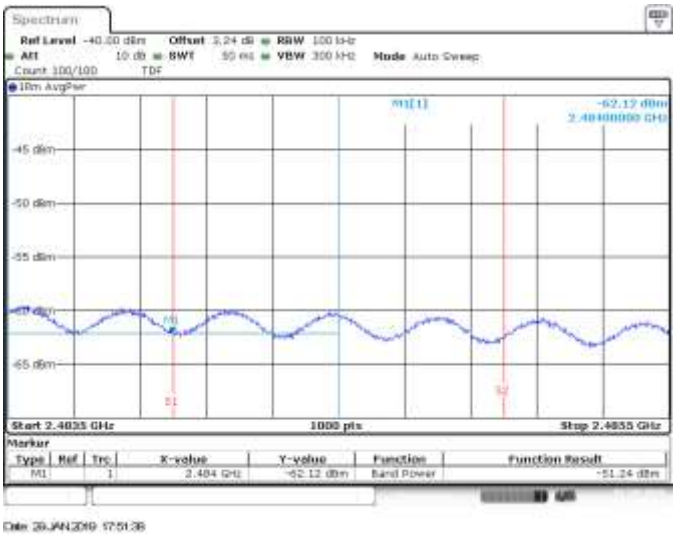
MIMO B, CH3, 802.11n40, HT8, BE Low



MIMO B, CH3, 802.11n40, HT8, BE Low (Non Restricted)

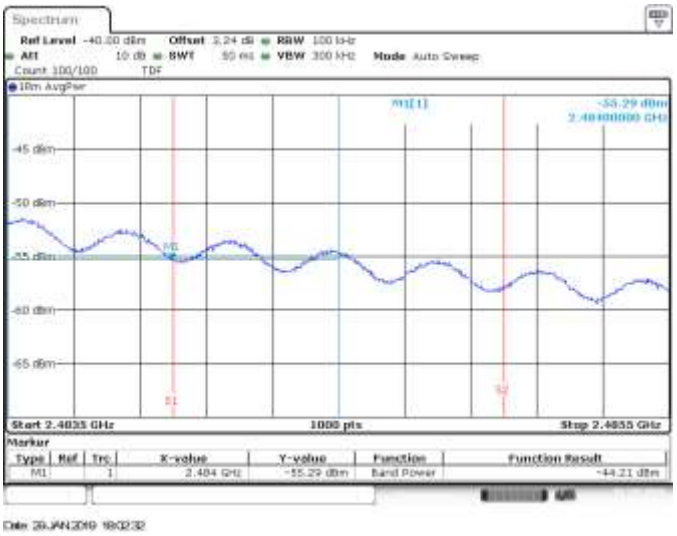


MIMO B, CH9, 802.11n40, HT8, BE High (Restricted)



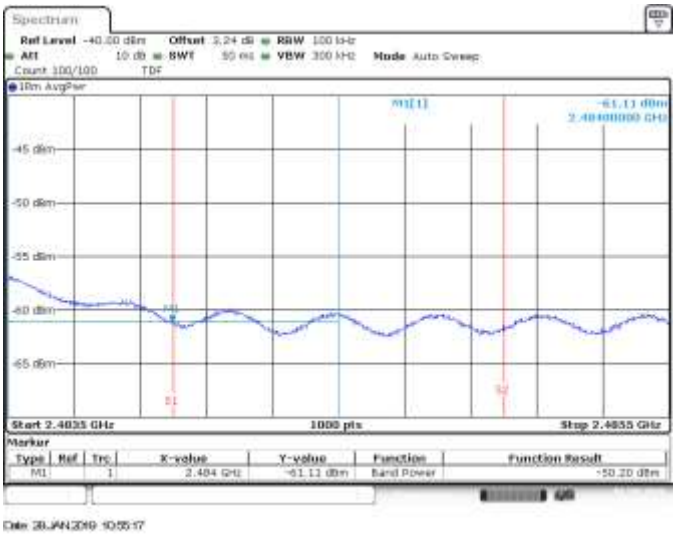
MIMO B, CH9, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)

MIMO B, CH10, 802.11n40, HT8, BE High (Restricted)

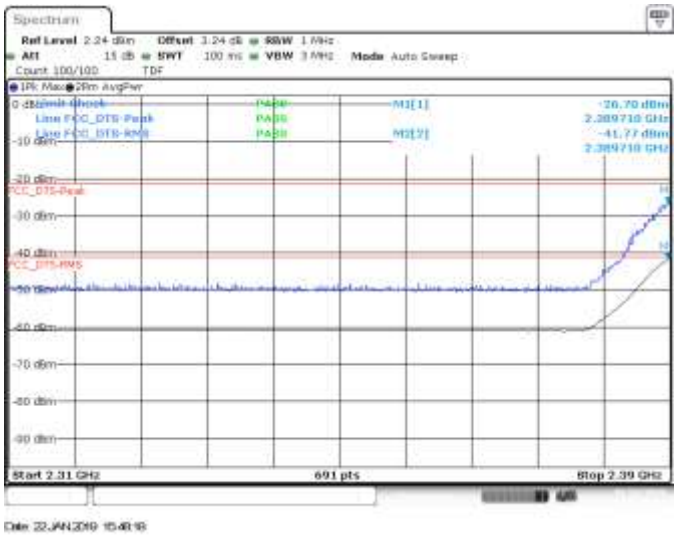


MIMO B, CH10, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)

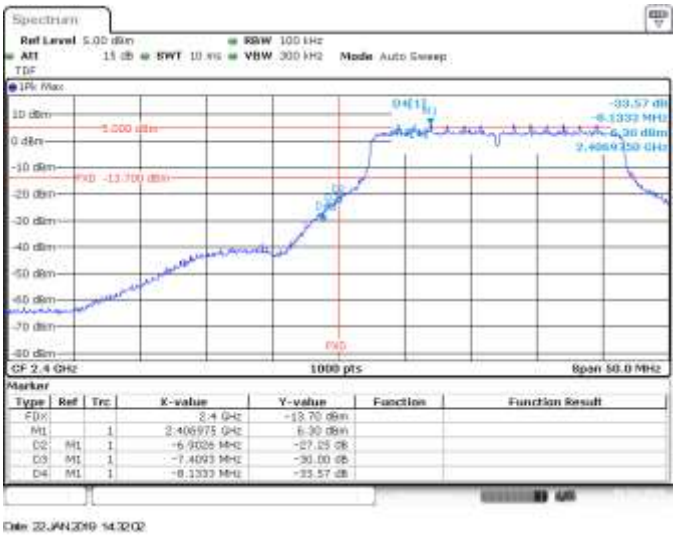
MIMO B, CH11, 802.11n40, HT8, BE High (Restricted)



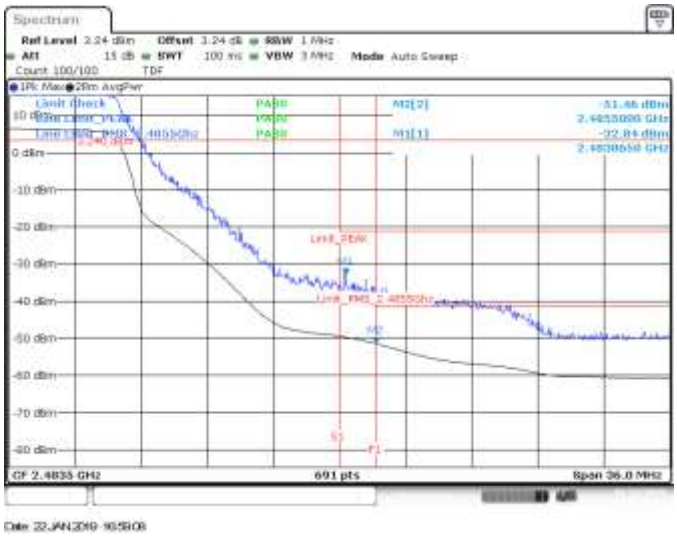
MIMO B, CH11, 802.11n40, HT8, BE High RMS within 2MHz (Restricted)



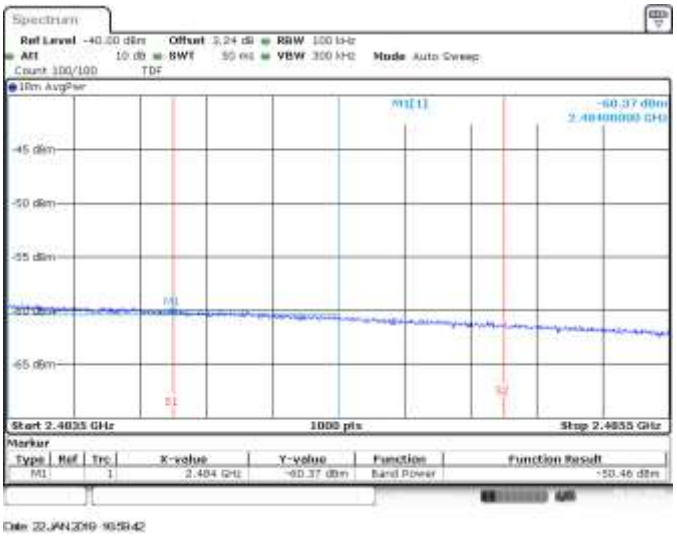
SISO A, CH1, 802.11ax20, HE0, BE Low



SISO A, CH1, 802.11ax20, HE0, BE Low (Non Restricted)

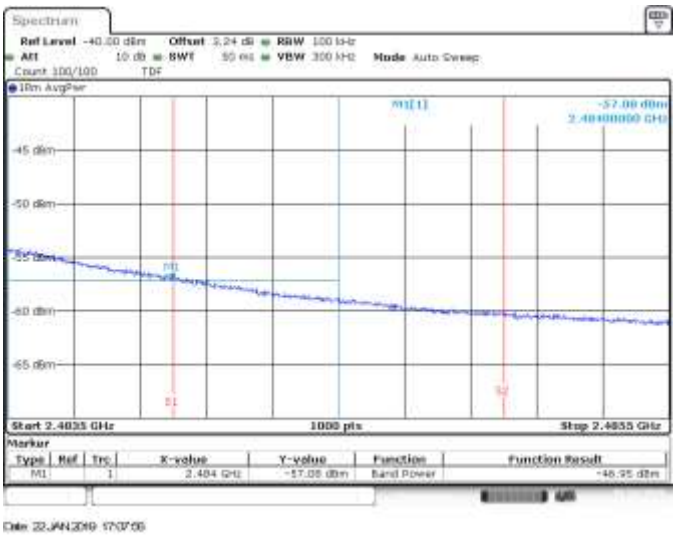


SISO A, CH11, 802.11ax20, HE0, BE High (Restricted)



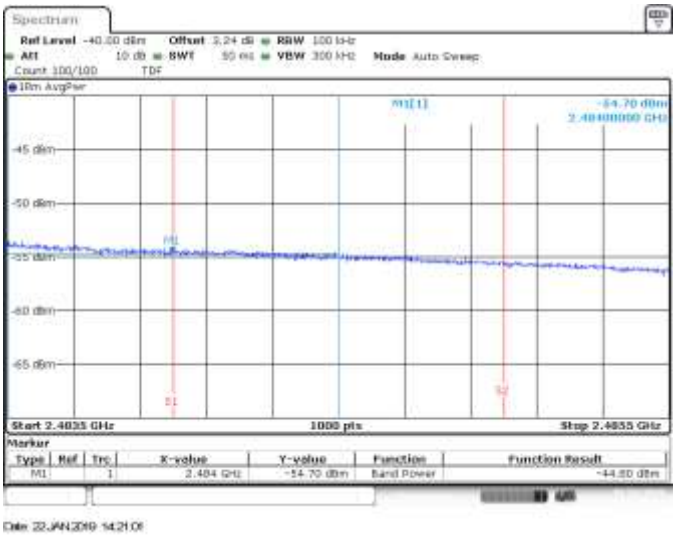
SISO A, CH11, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)

SISO A, CH12, 802.11ax20, HE0, BE High (Restricted)

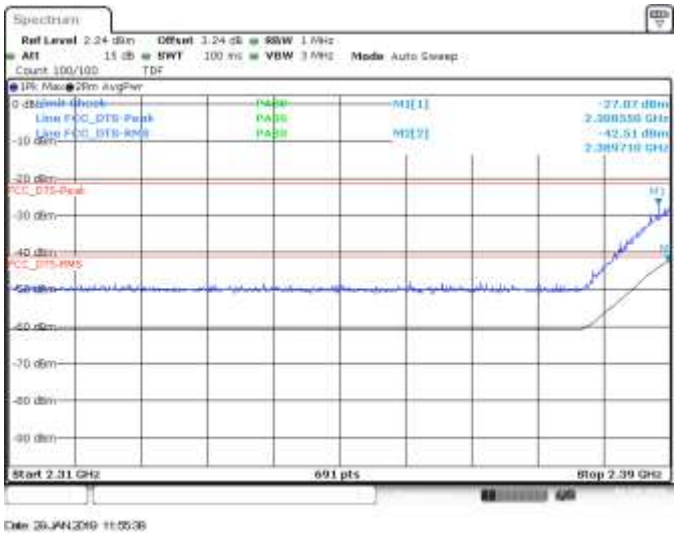


SISO A, CH12, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)

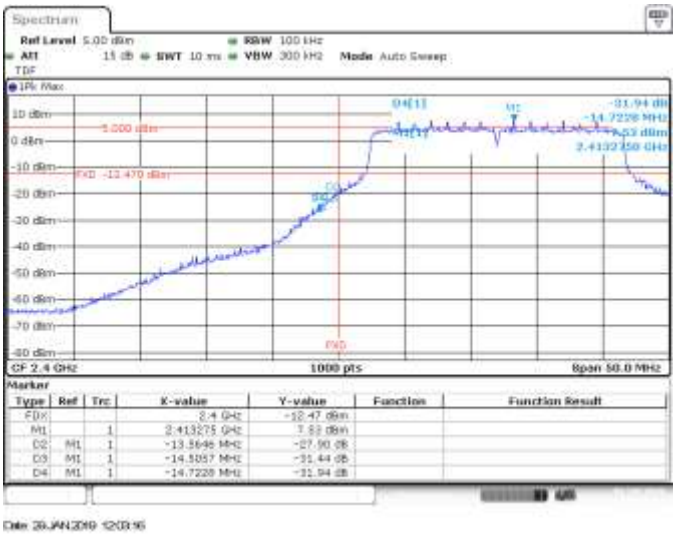
SISO A, CH13, 802.11ax20, HE0, BE High (Restricted)



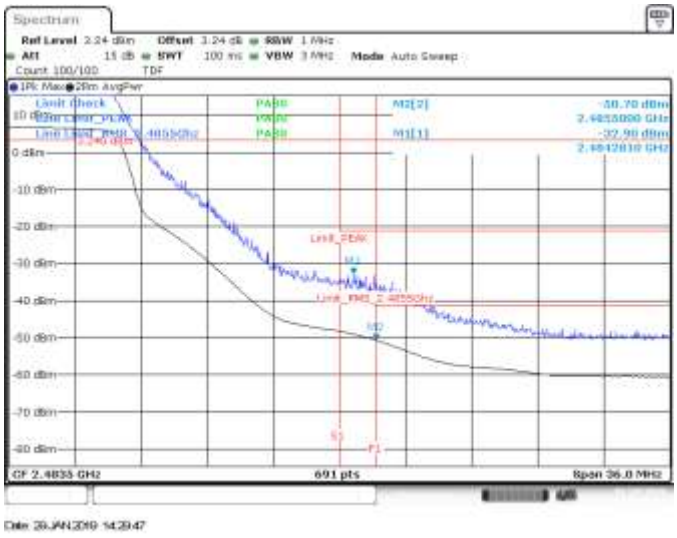
SISO A, CH13, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



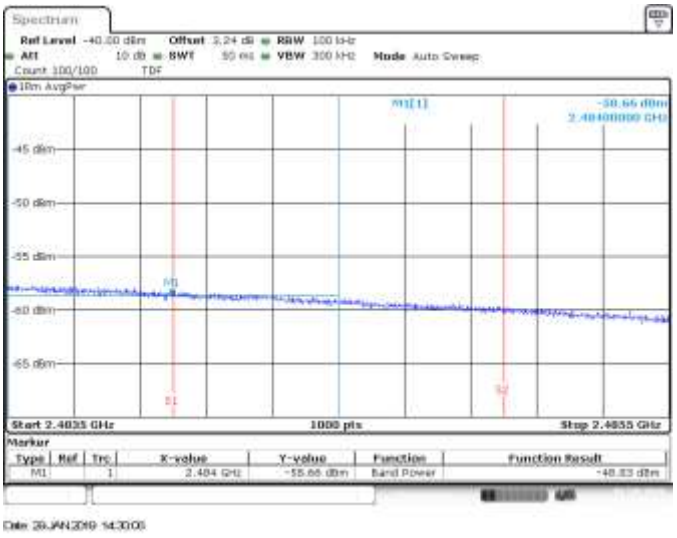
SISO B, CH1, 802.11ax20, HE0, BE Low



SISO B, CH1, 802.11ax20, HE0, BE Low (Non Restricted)

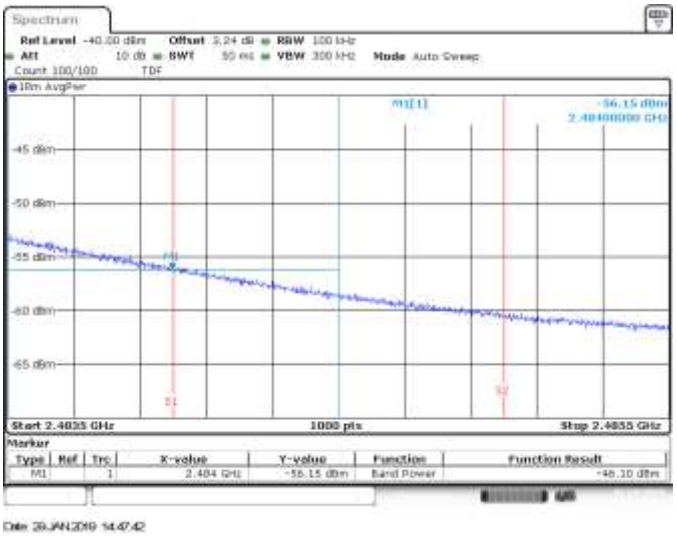


SISO B, CH11, 802.11ax20, HE0, BE High (Restricted)

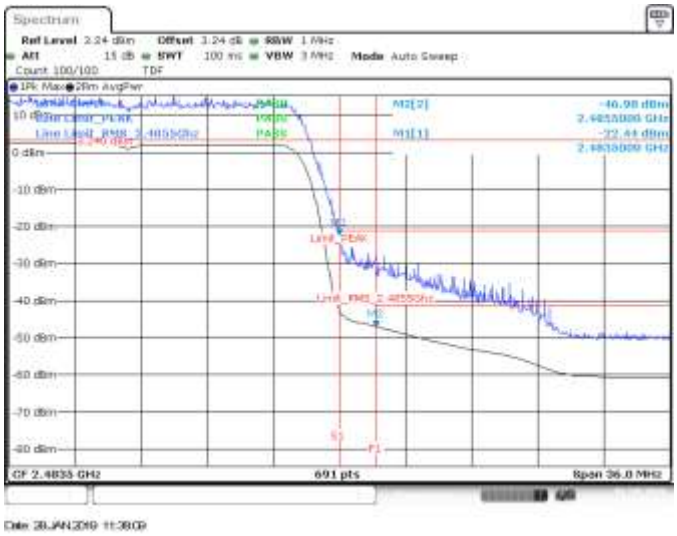


SISO B, CH11, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)

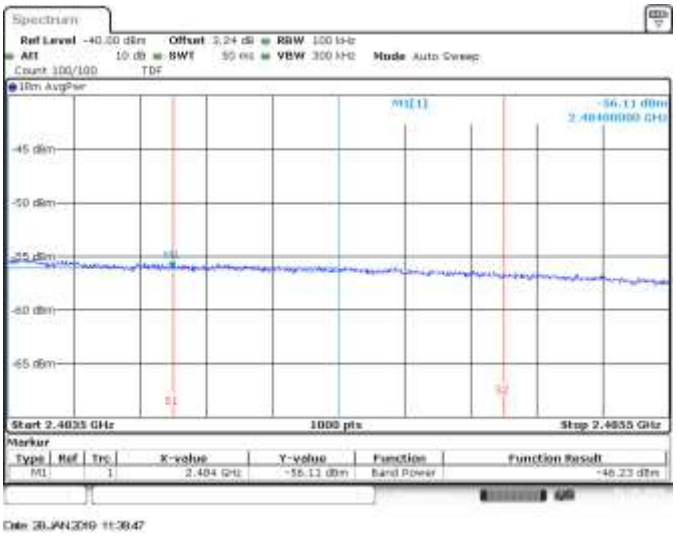
SISO B, CH12, 802.11ax20, HE0, BE High (Restricted)



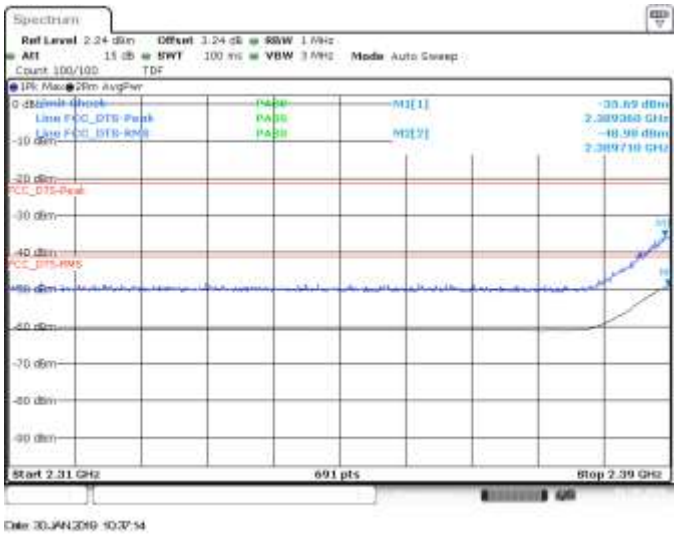
SISO B, CH12, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



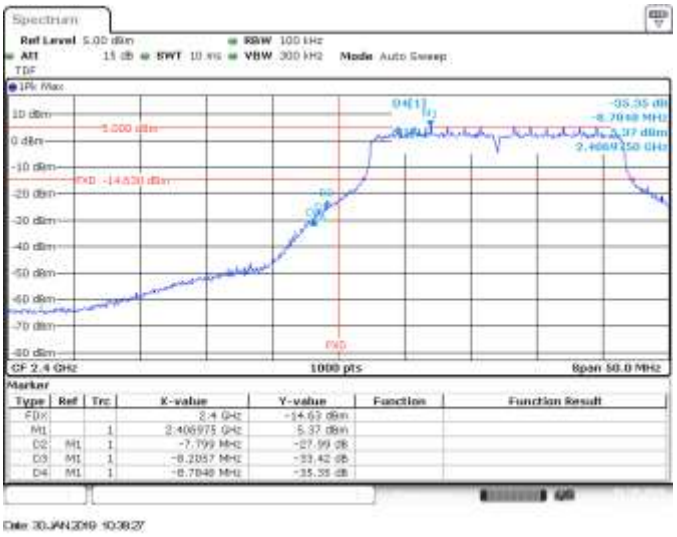
SISO B, CH13, 802.11ax20, HE0, BE High (Restricted)



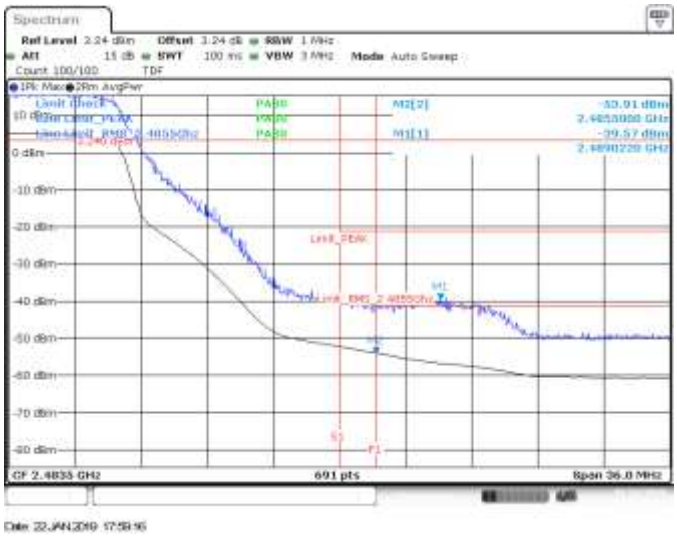
SISO B, CH13, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



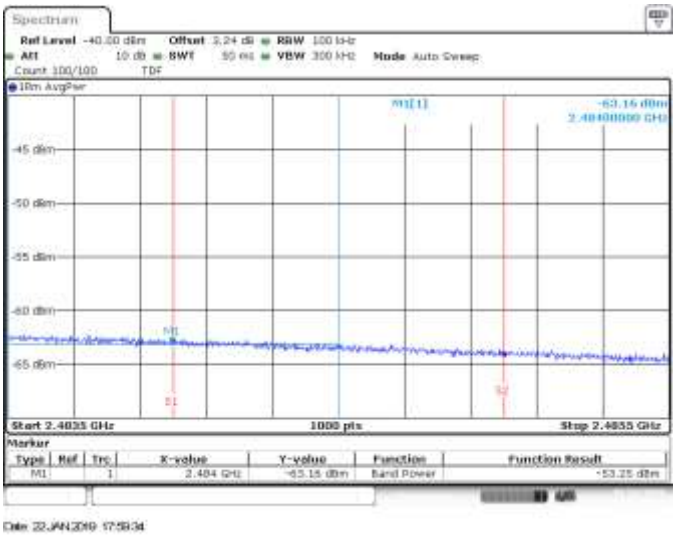
MIMO A, CH1, 802.11ax20, HE0, BE Low



MIMO A, CH1, 802.11ax20, HE0, BE Low (Non Restricted)

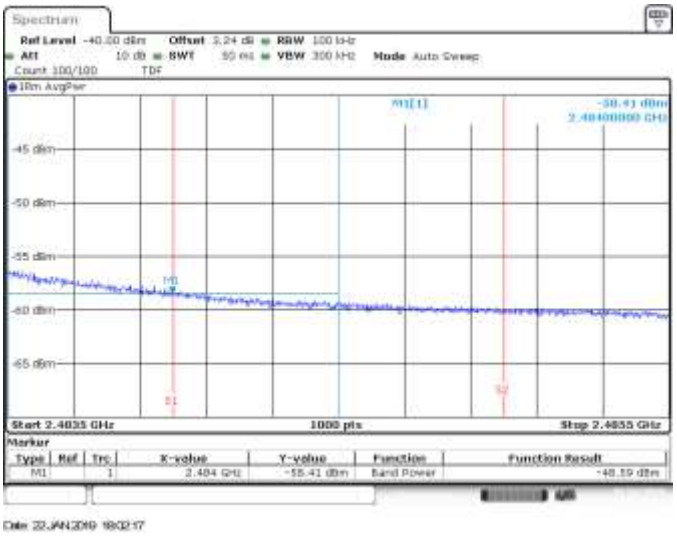


MIMO A, CH11, 802.11ax20, HE0, BE High (Restricted)

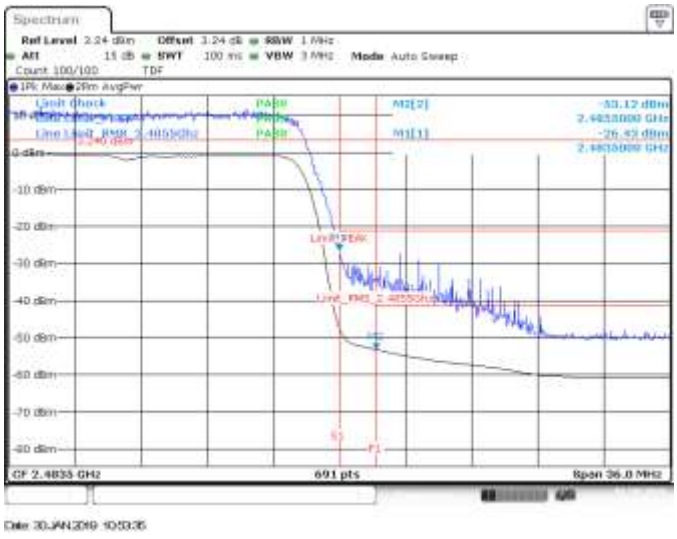


MIMO A, CH11, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)

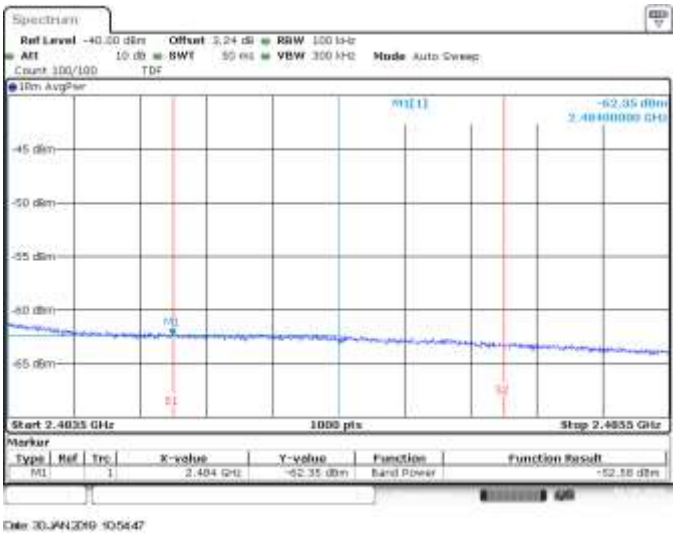
MIMO A, CH12, 802.11ax20, HE0, BE High (Restricted)



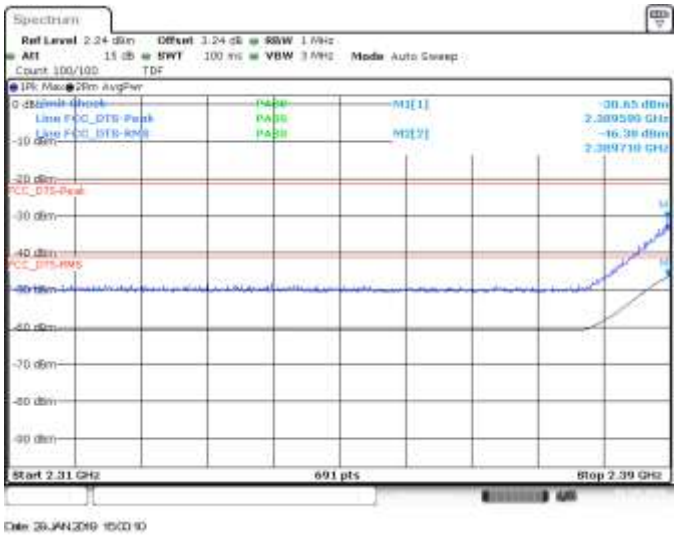
MIMO A, CH12, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



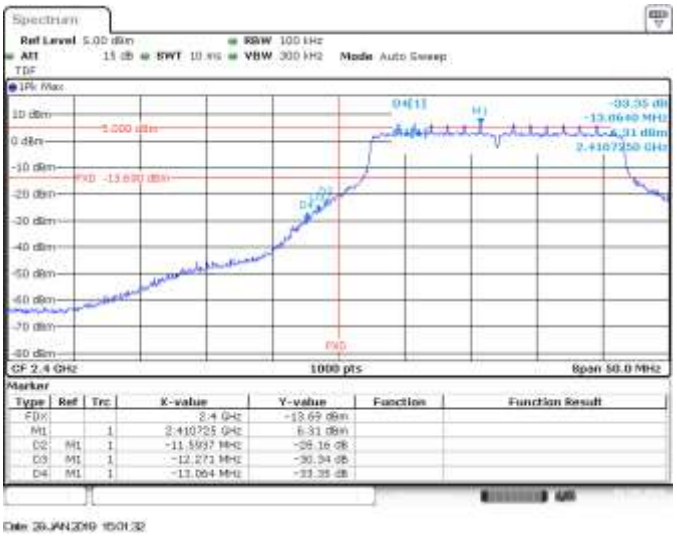
MIMO A, CH13, 802.11ax20, HE0, BE High (Restricted)



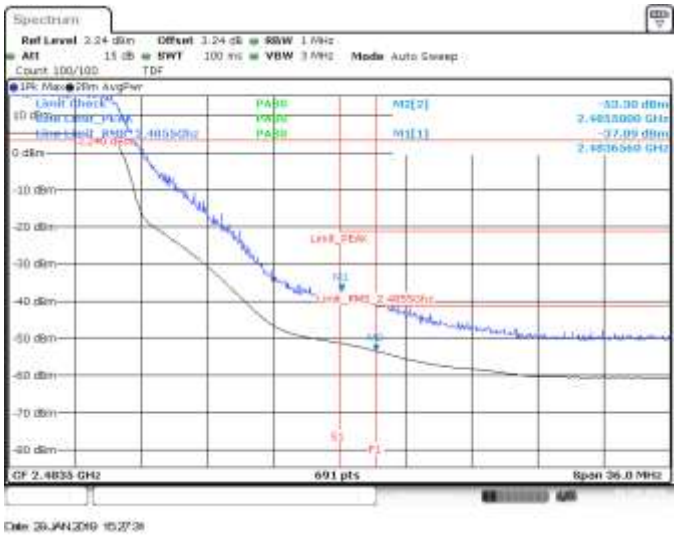
MIMO A, CH13, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



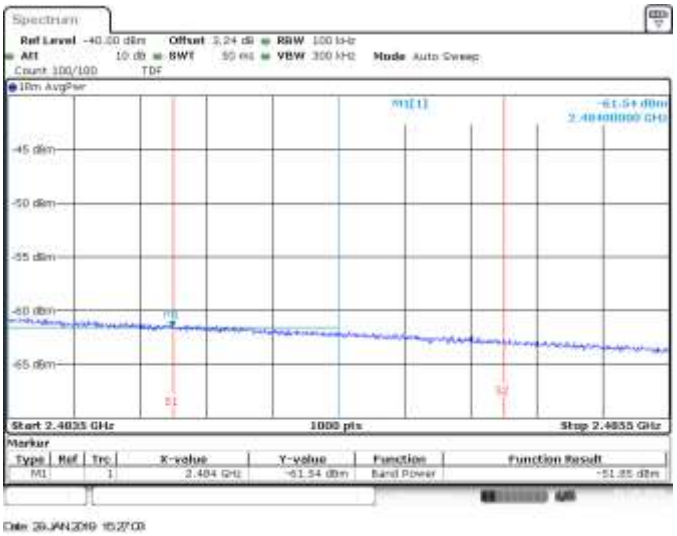
MIMO B, CH1, 802.11ax20, HE0, BE Low



MIMO B, CH1, 802.11ax20, HE0, BE Low (Non Restricted)

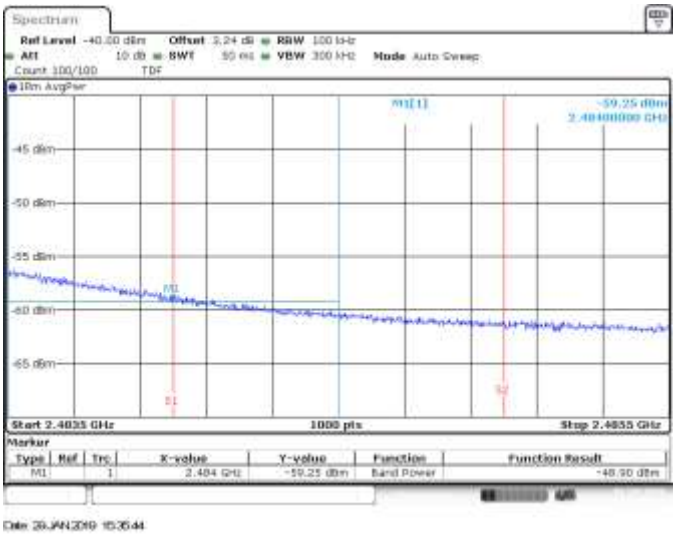


MIMO B, CH11, 802.11ax20, HE0, BE High (Restricted)

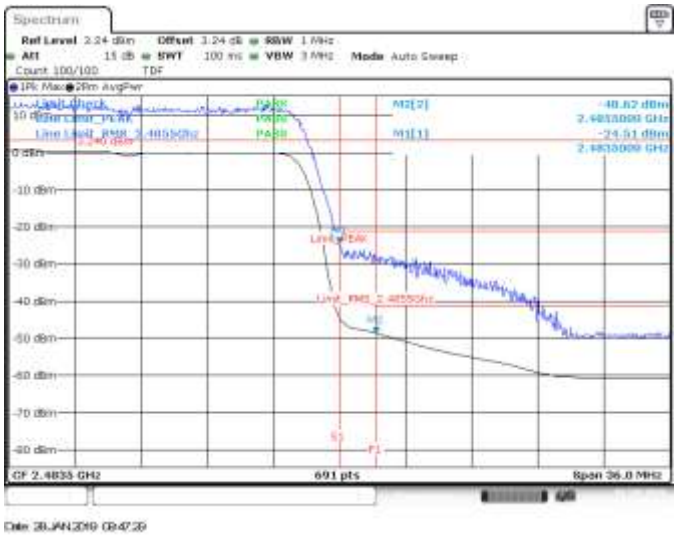


MIMO B, CH11, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)

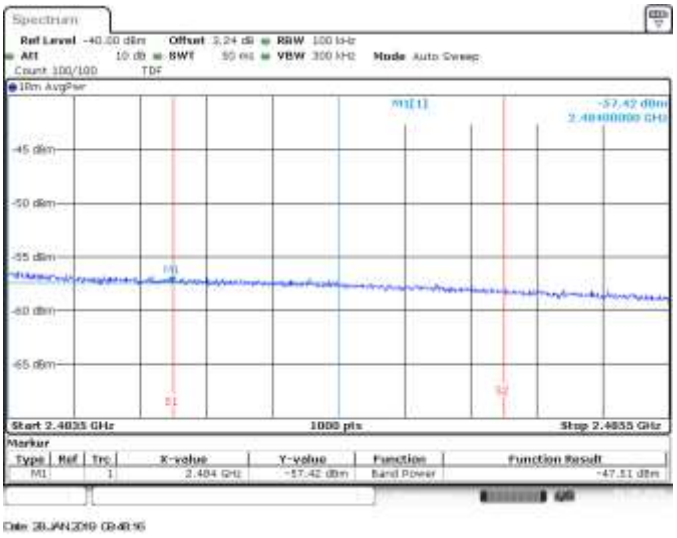
MIMO B, CH12, 802.11ax20, HE0, BE High (Restricted)



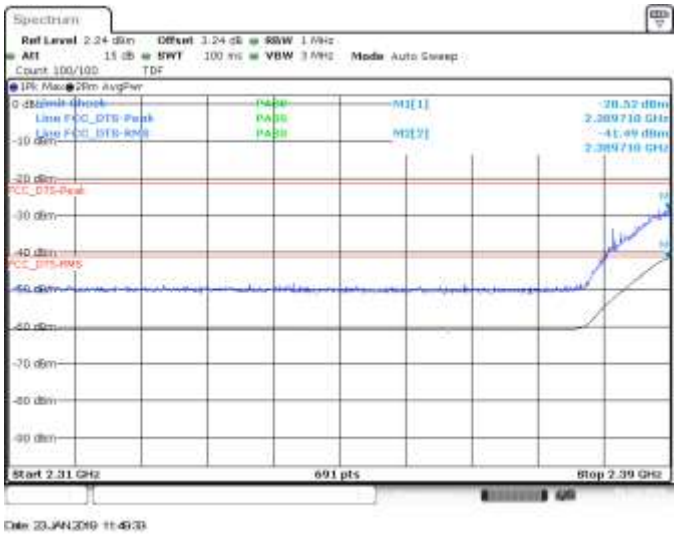
MIMO B, CH12, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



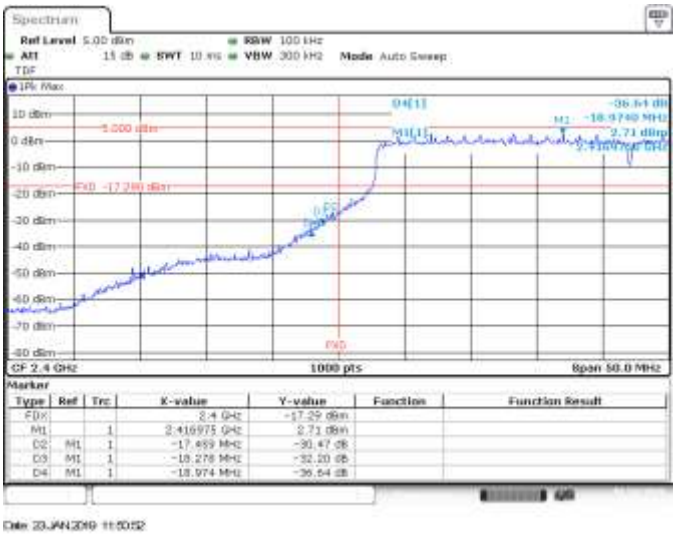
MIMO B, CH13, 802.11ax20, HE0, BE High (Restricted)



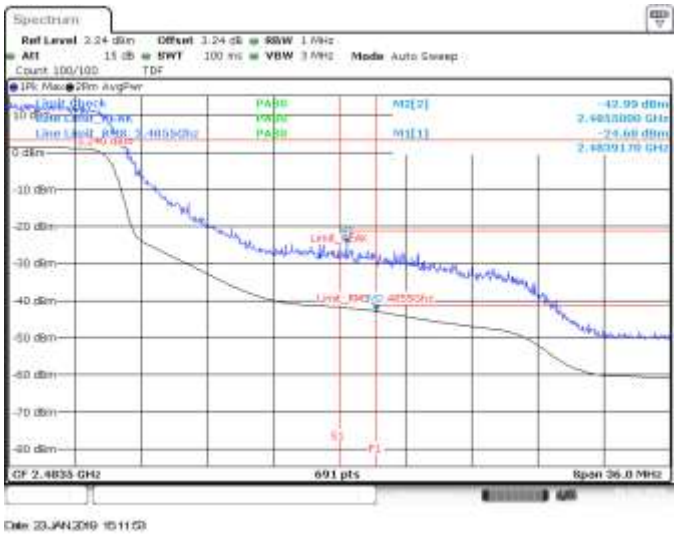
MIMO B, CH13, 802.11ax20, HE0, BE High RMS within 2MHz (Restricted)



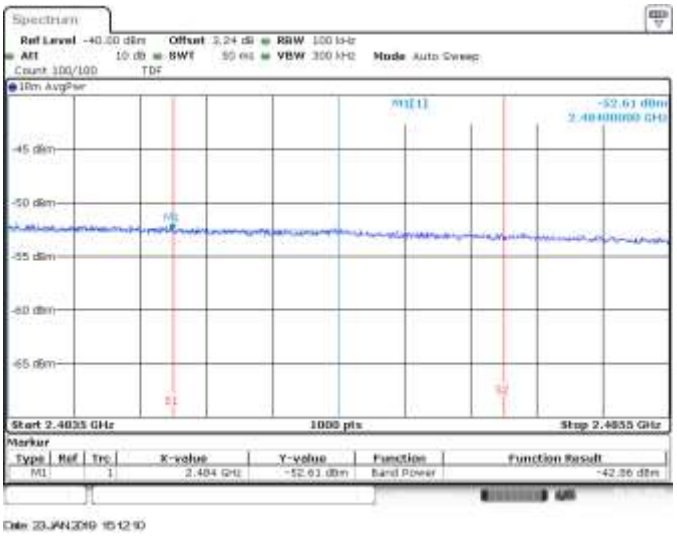
SISO A, CH3, 802.11ax40, HE0, BE Low



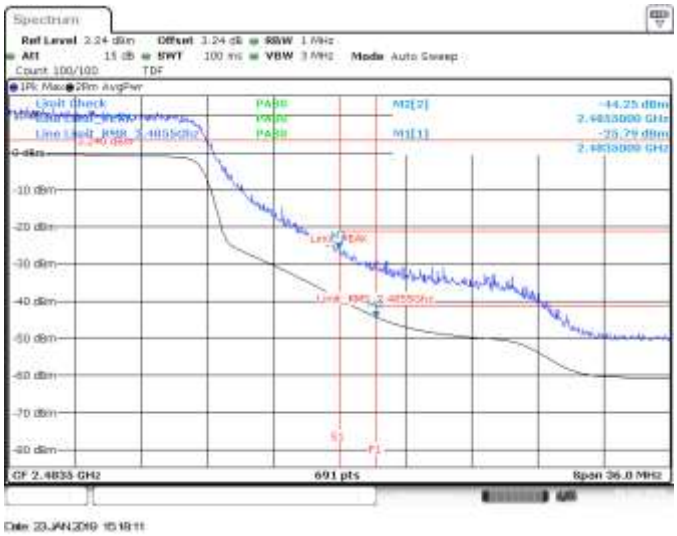
SISO A, CH3, 802.11ax40, HE0, BE Low (Non Restricted)



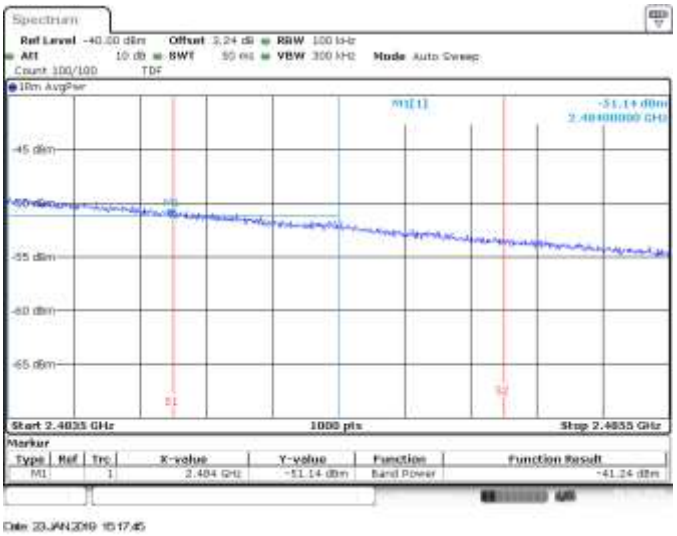
SISO A, CH9, 802.11ax40, HE0, BE High (Restricted)



SISO A, CH9, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

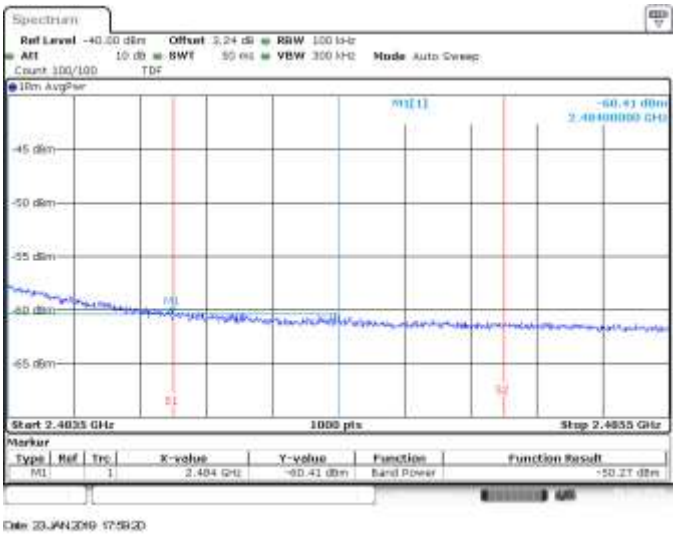


SISO A, CH10, 802.11ax40, HE0, BE High (Restricted)

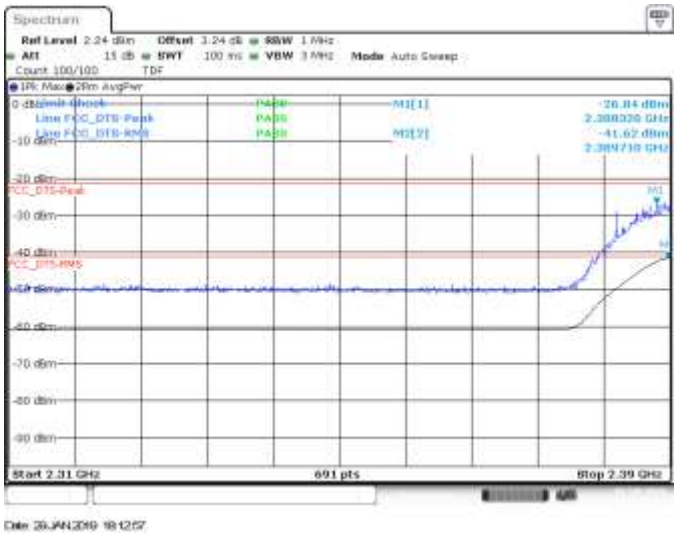


SISO A, CH10, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

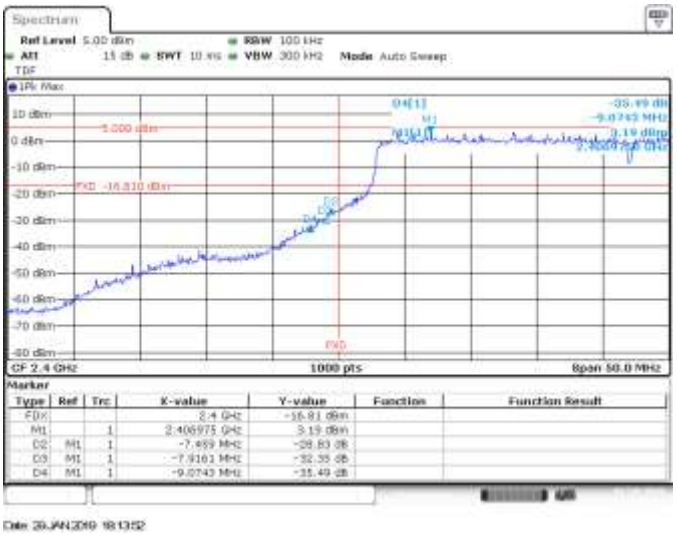
SISO A, CH11, 802.11ax40, HE0, BE High (Restricted)



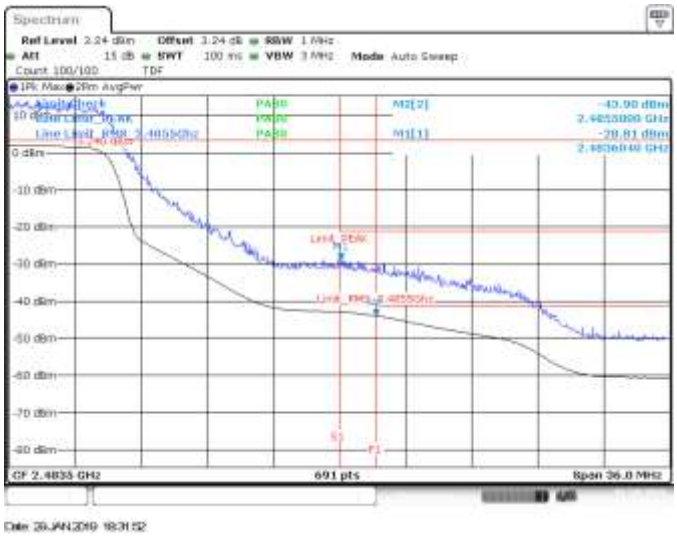
SISO A, CH11, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)



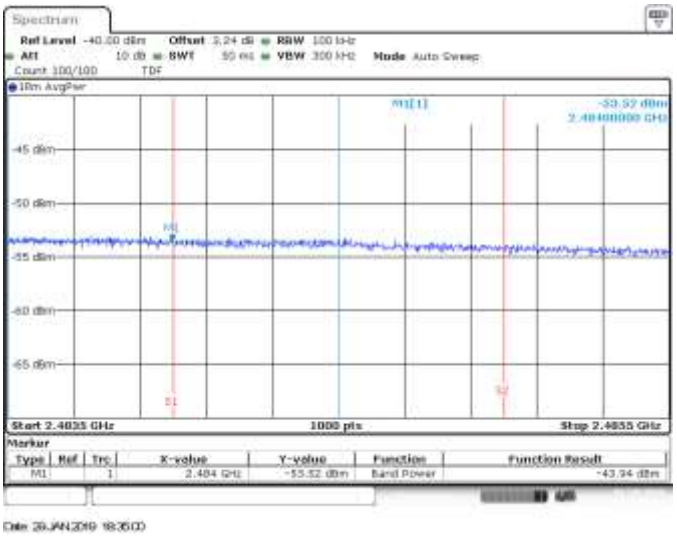
SISO B, CH3, 802.11ax40, HE0, BE Low



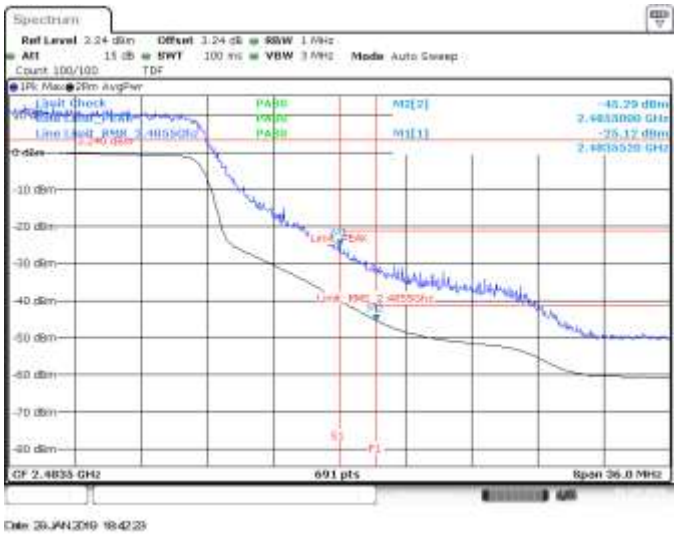
SISO B, CH3, 802.11ax40, HE0, BE Low (Non Restricted)



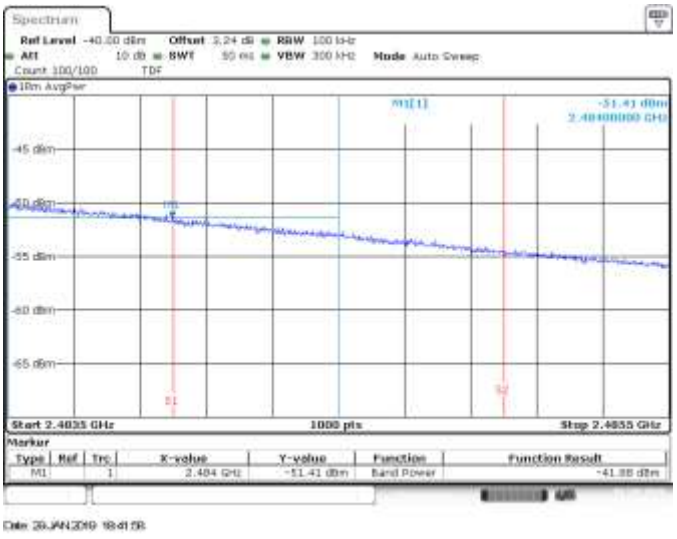
SISO B, CH9, 802.11ax40, HE0, BE High (Restricted)



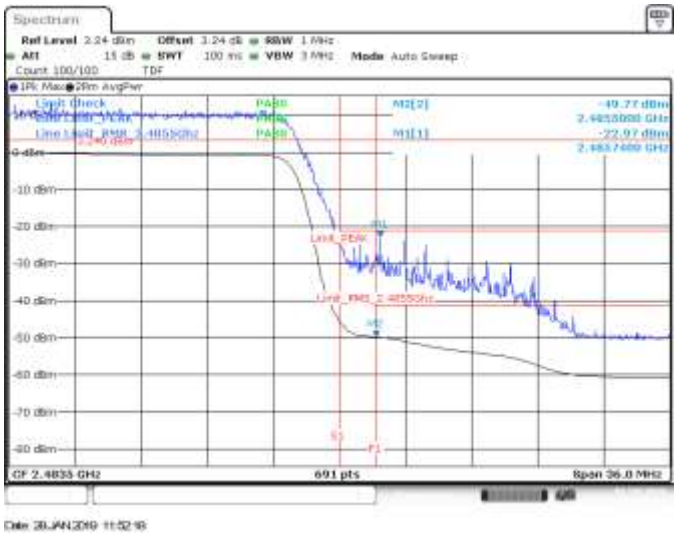
SISO B, CH9, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)



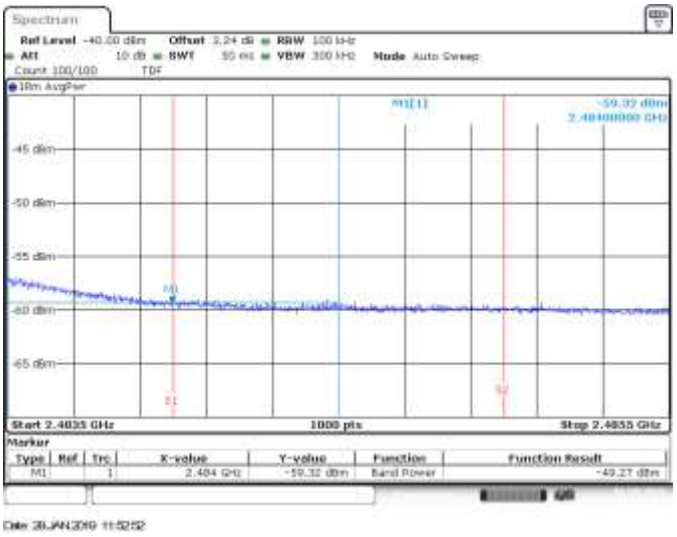
SISO B, CH10, 802.11ax40, HE0, BE High (Restricted)



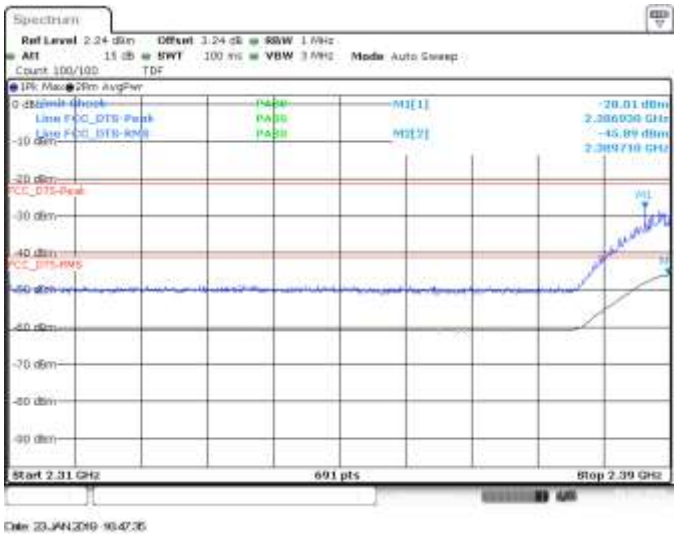
SISO B, CH10, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)



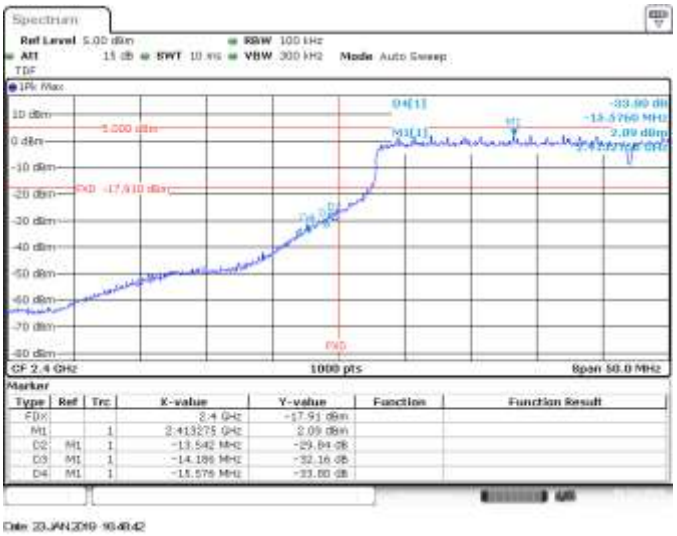
SISO B, CH11, 802.11ax40, HE0, BE High (Restricted)



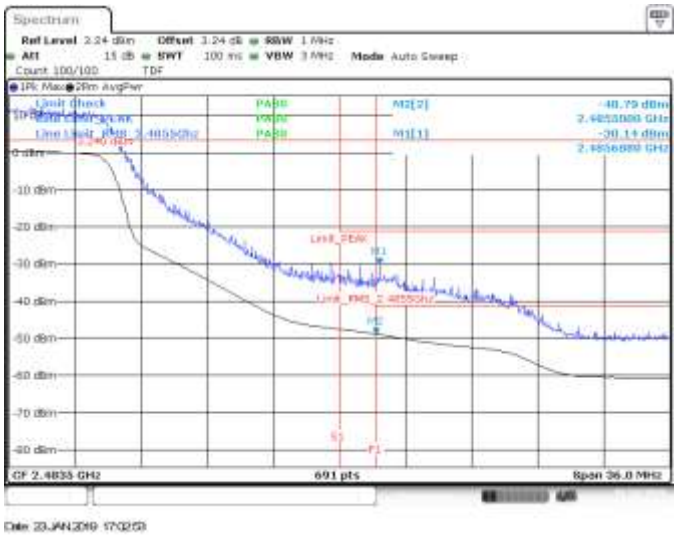
SISO B, CH11, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)



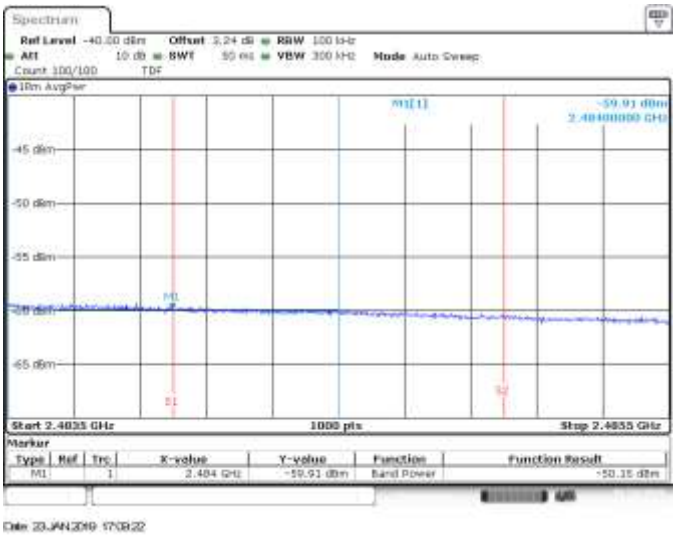
MIMO A, CH3, 802.11ax40, HE0, BE Low



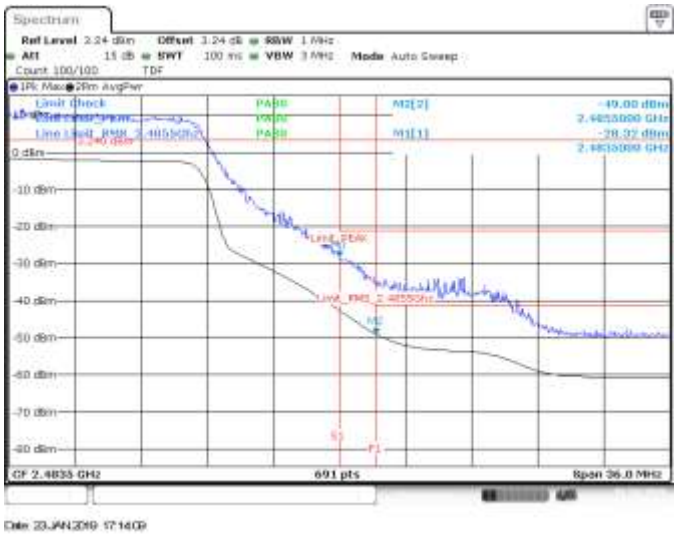
MIMO A, CH3, 802.11ax40, HE0, BE Low (Non Restricted)



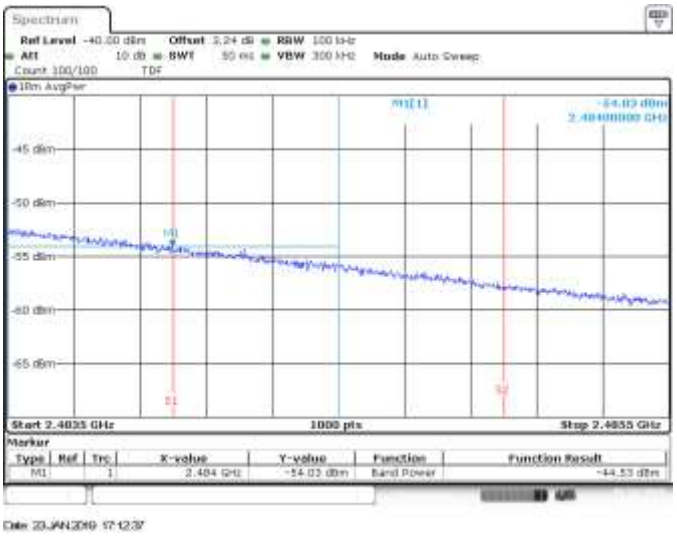
MIMO A, CH9, 802.11ax40, HE0, BE High (Restricted)



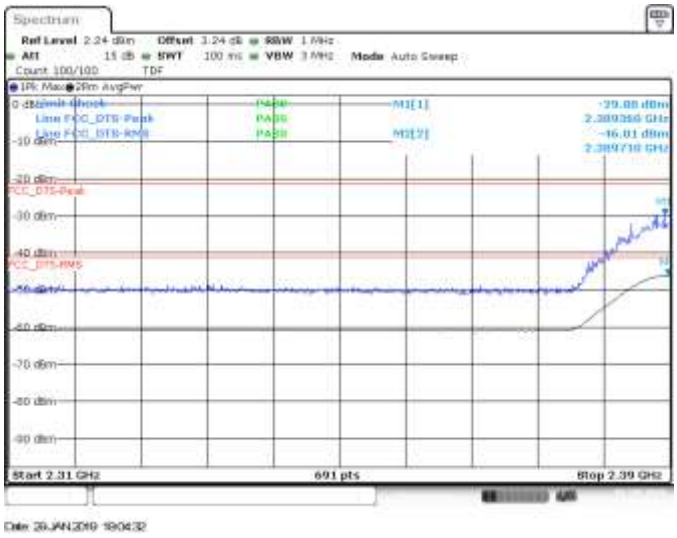
MIMO A, CH9, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)



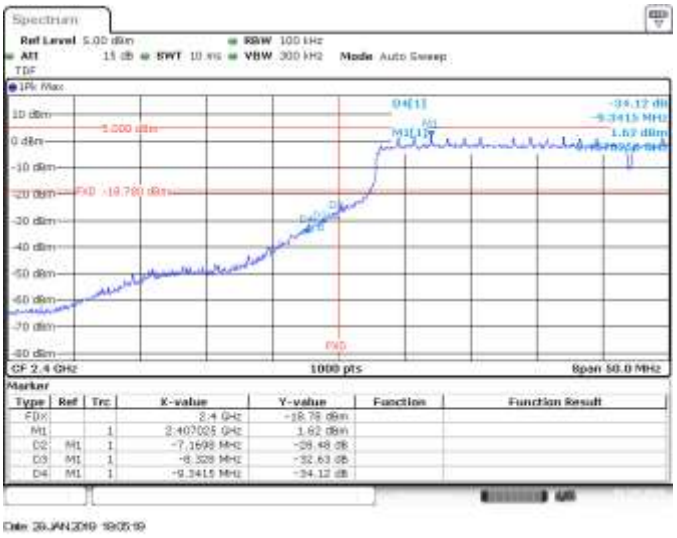
MIMO A, CH10, 802.11ax40, HE0, BE High (Restricted)



MIMO A, CH10, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

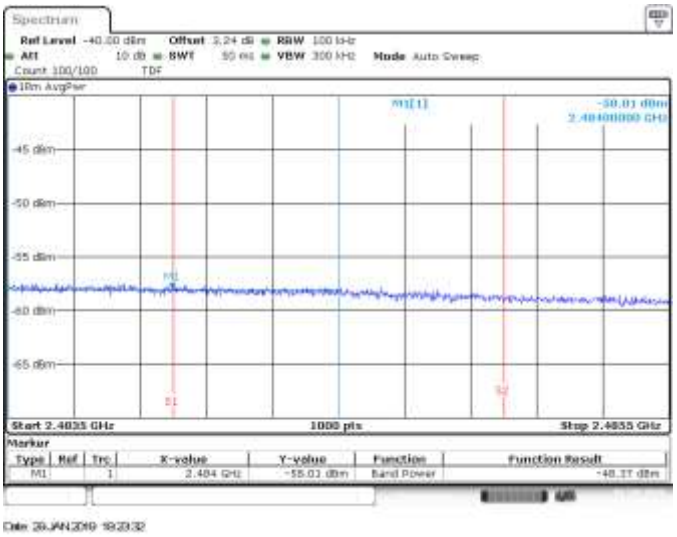


MIMO B, CH3, 802.11ax40, HE0, BE Low

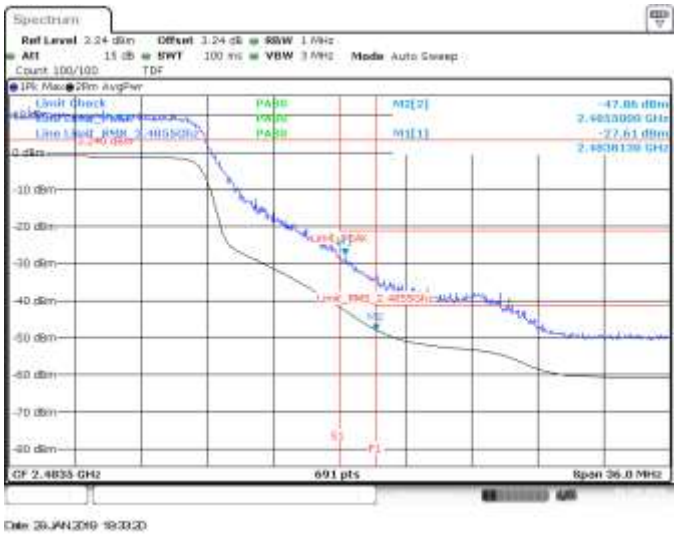


MIMO B, CH3, 802.11ax40, HE0, BE Low (Non Restricted)

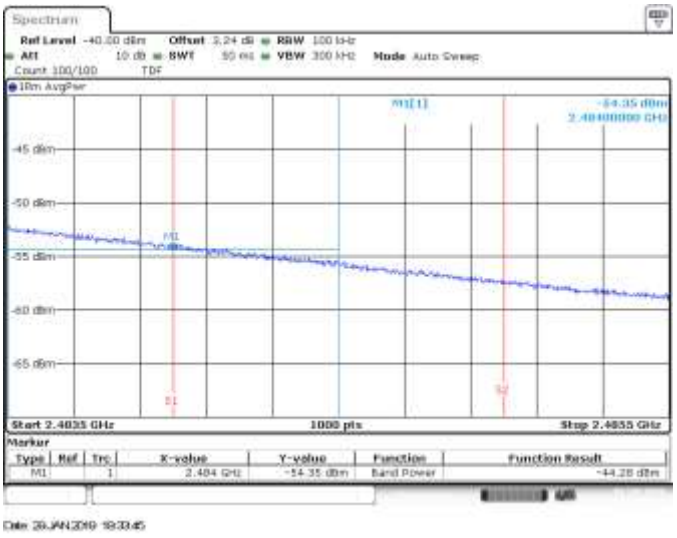
MIMO B, CH9, 802.11ax40, HE0, BE High (Restricted)



MIMO B, CH9, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

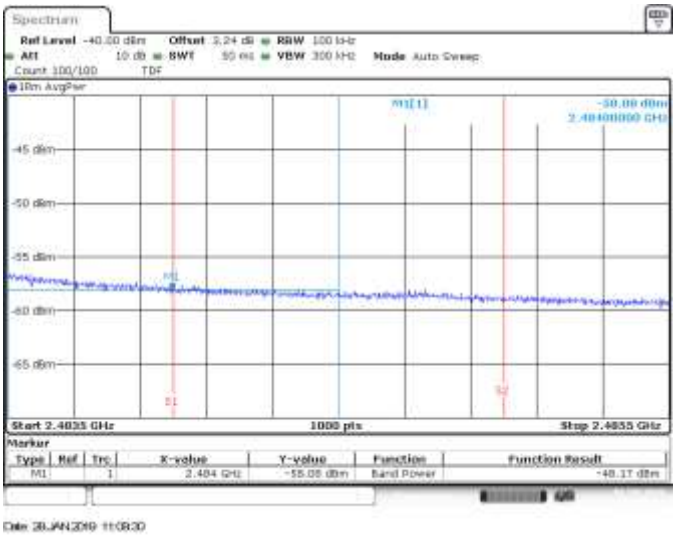


MIMO B, CH10, 802.11ax40, HE0, BE High (Restricted)



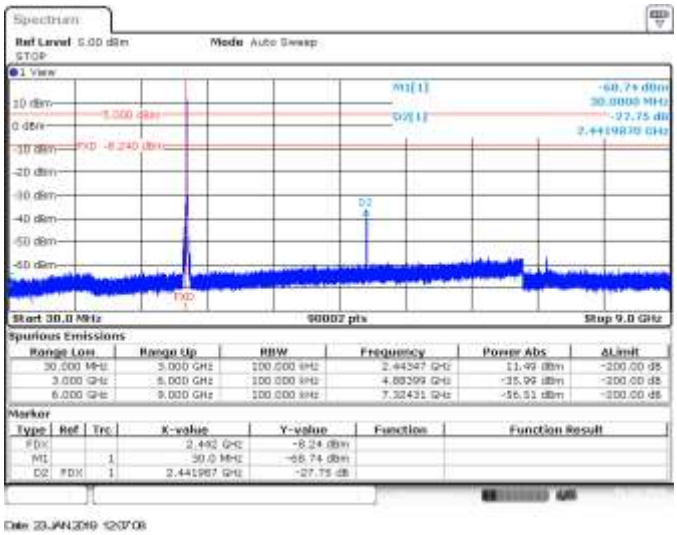
MIMO B, CH10, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

MIMO B, CH11, 802.11ax40, HE0, BE High (Restricted)

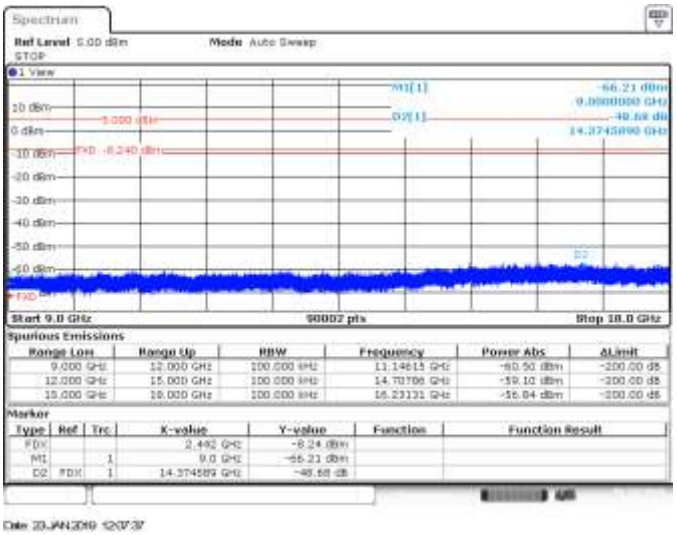


MIMO B, CH11, 802.11ax40, HE0, BE High RMS within 2MHz (Restricted)

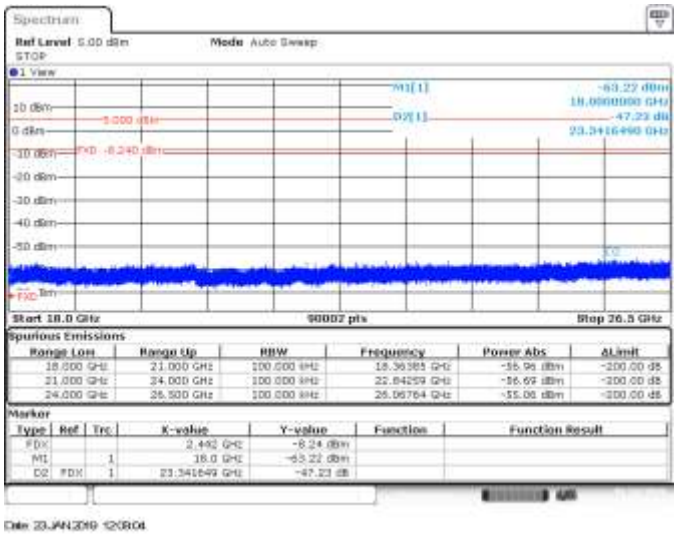
B.3.4 Out of band emissions - spurious



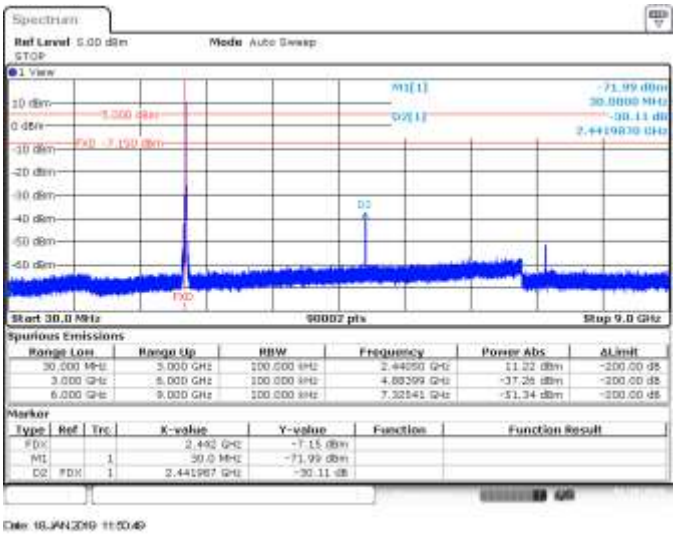
CH7, 802.11b, 1Mbps, SISO A, Range 30MHz to 9GHz - Delta Marker Measurement



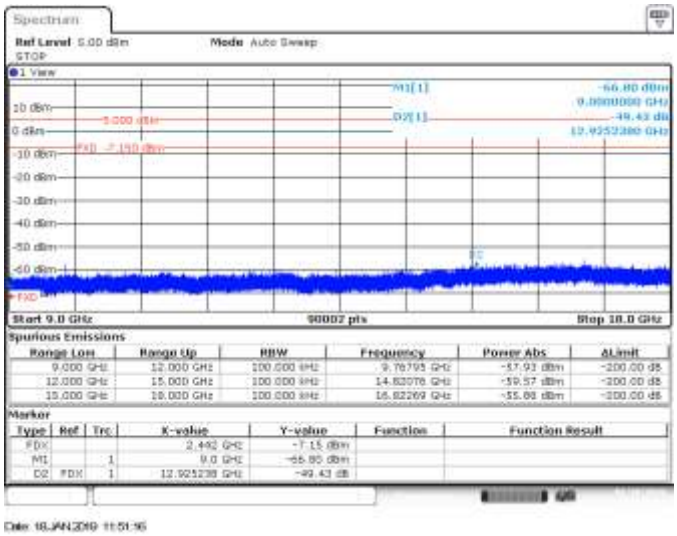
CH7, 802.11b, 1Mbps, SISO A, Range 9GHz to 18GHz - Delta Marker Measurement



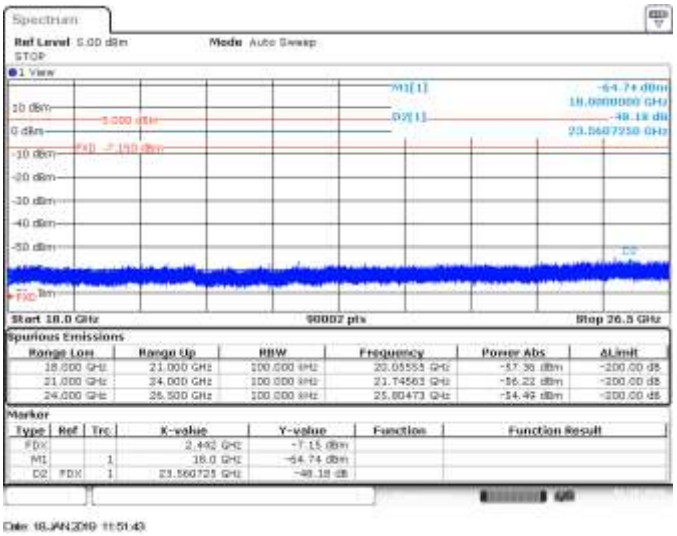
CH7, 802.11b, 1Mbps, SISO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



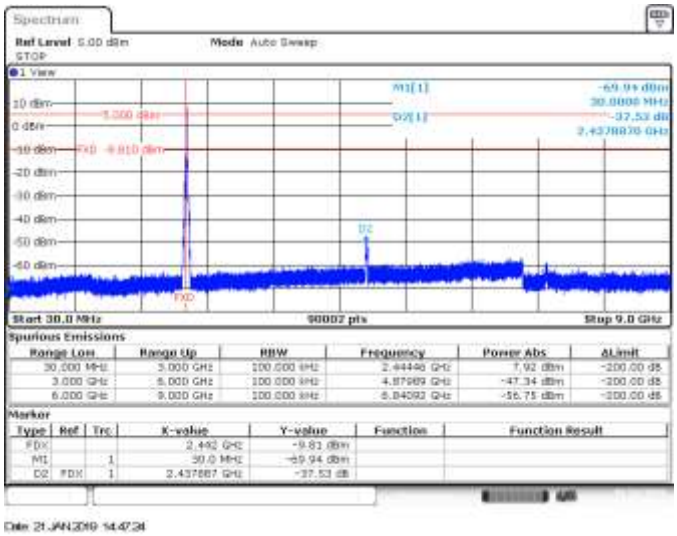
CH7, 802.11b, 1Mbps, SISO B, Range 30MHz to 9GHz - Delta Marker Measurement



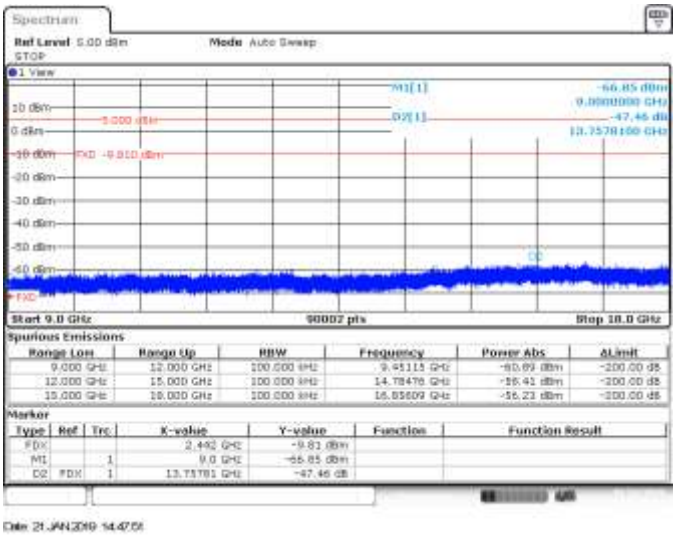
CH7, 802.11b, 1Mbps, SISO B, Range 9GHz to 18GHz - Delta Marker Measurement



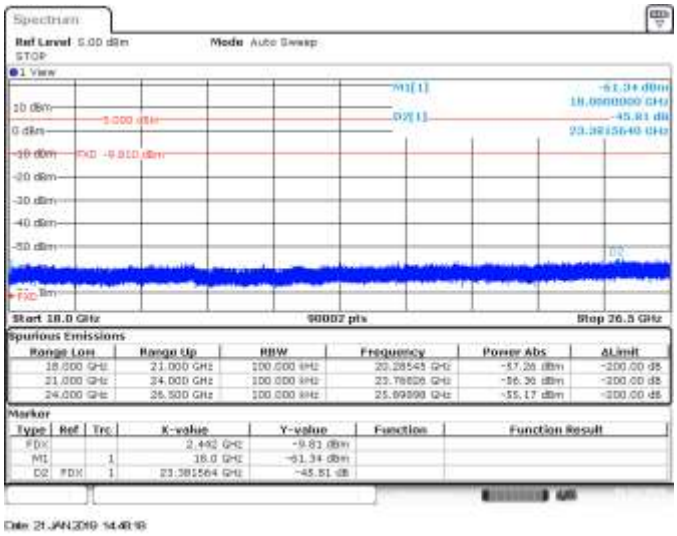
CH7, 802.11b, 1Mbps, SISO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



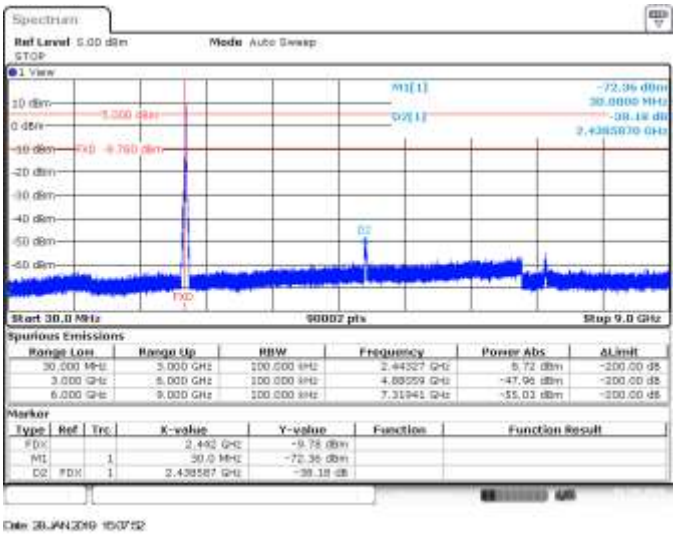
CH7, 802.11g, 6Mbps, SISO A, Range 30MHz to 9GHz - Delta Marker Measurement



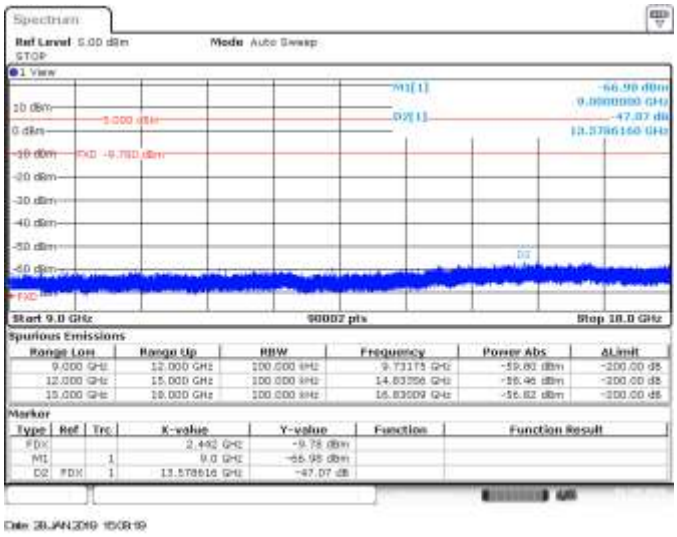
CH7, 802.11g, 6Mbps, SISO A, Range 9GHz to 18GHz - Delta Marker Measurement



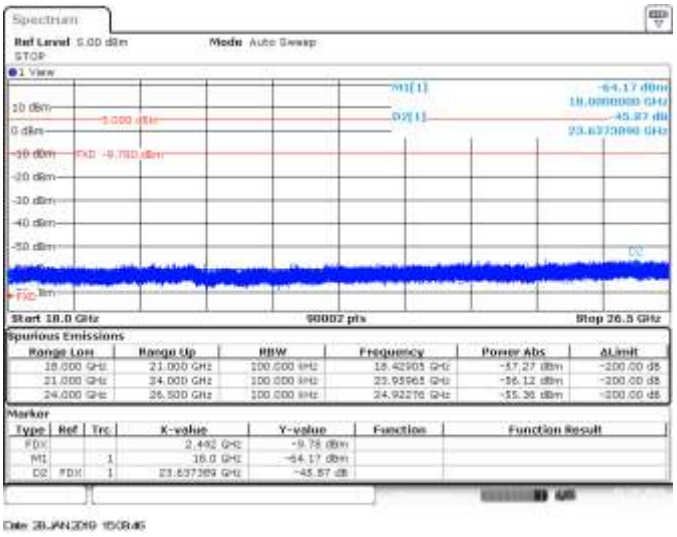
CH7, 802.11g, 6Mbps, SISO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



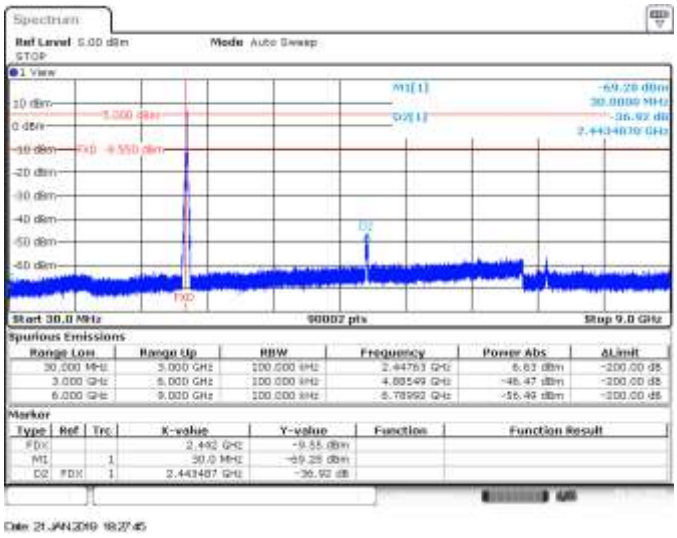
CH7, 802.11g, 6Mbps, SISO B, Range 30MHz to 9GHz - Delta Marker Measurement



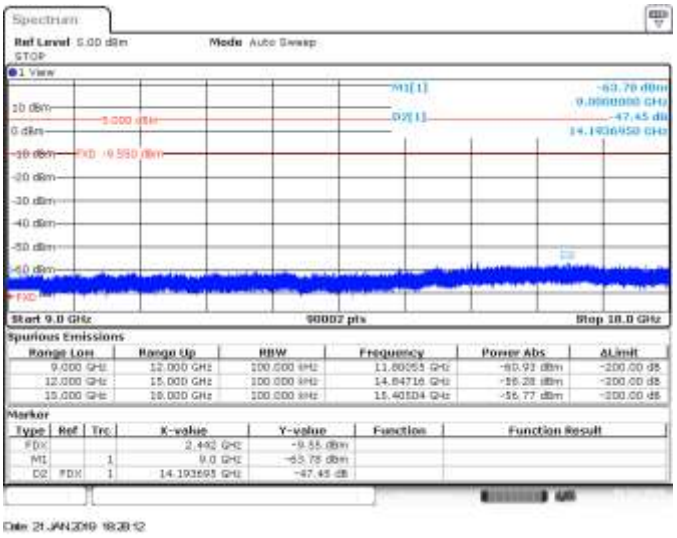
CH7, 802.11g, 6Mbps, SISO B, Range 9GHz to 18GHz - Delta Marker Measurement



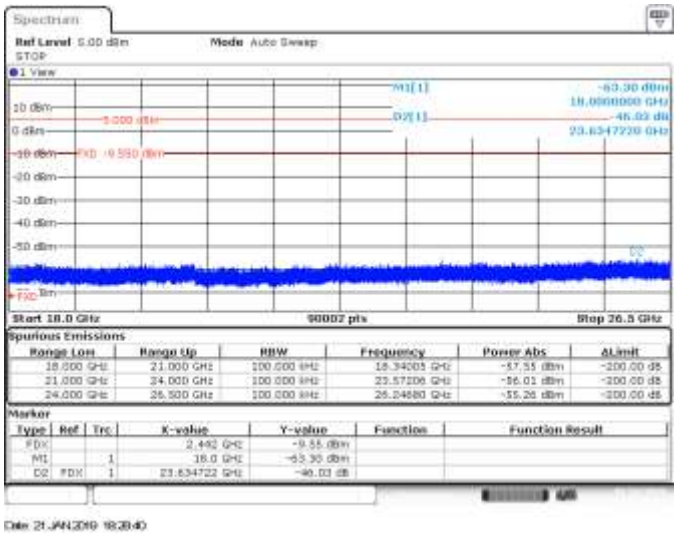
CH7, 802.11g, 6Mbps, SISO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



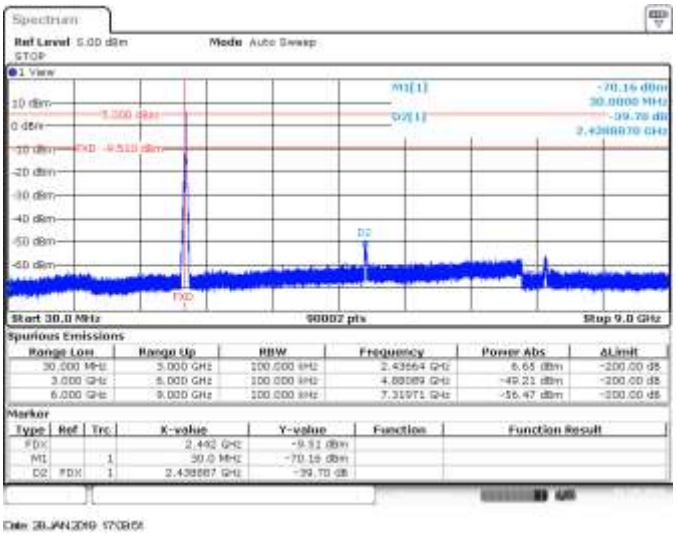
CH7, 802.11n20, HT0, SISO A, Range 30MHz to 9GHz - Delta Marker Measurement



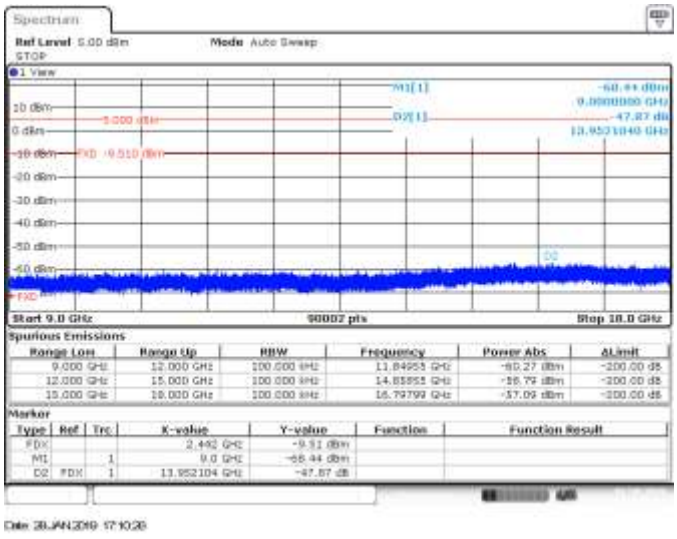
CH7, 802.11n20, HT0, SISO A, Range 9GHz to 18GHz - Delta Marker Measurement



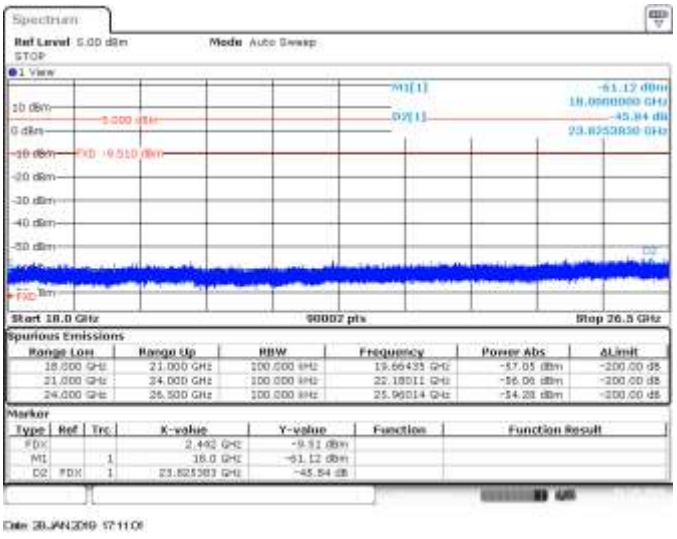
CH7, 802.11n20, HT0, SISO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



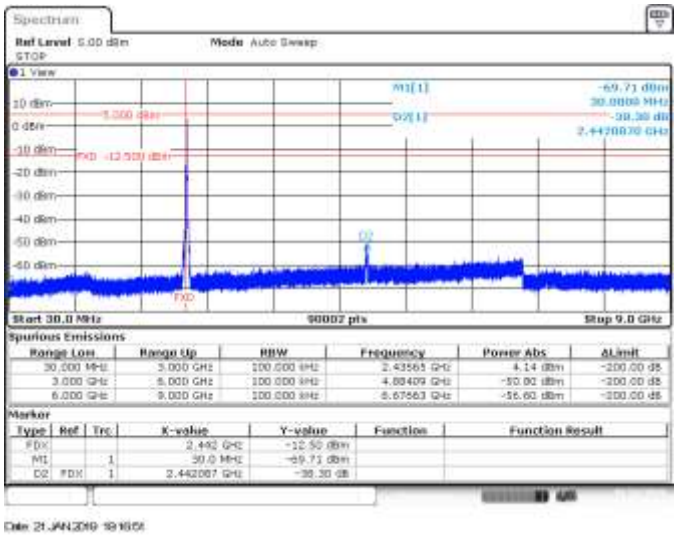
CH7, 802.11n20, HT0, SISO B, Range 30MHz to 9GHz - Delta Marker Measurement



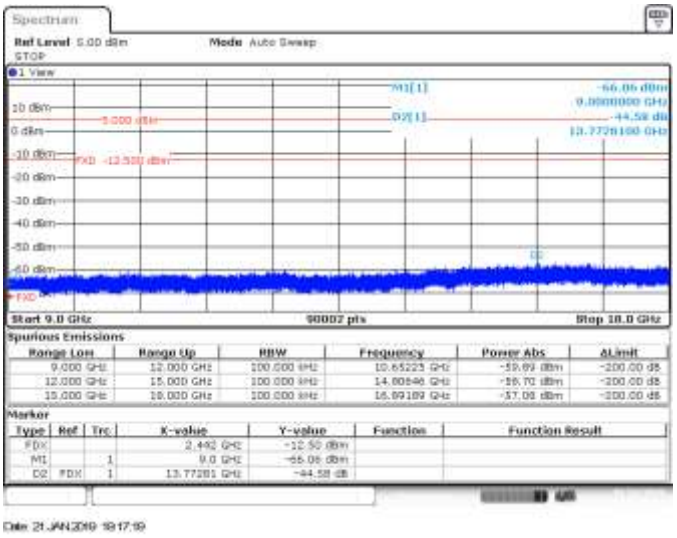
CH7, 802.11n20, HT0, SISO B, Range 9GHz to 18GHz - Delta Marker Measurement



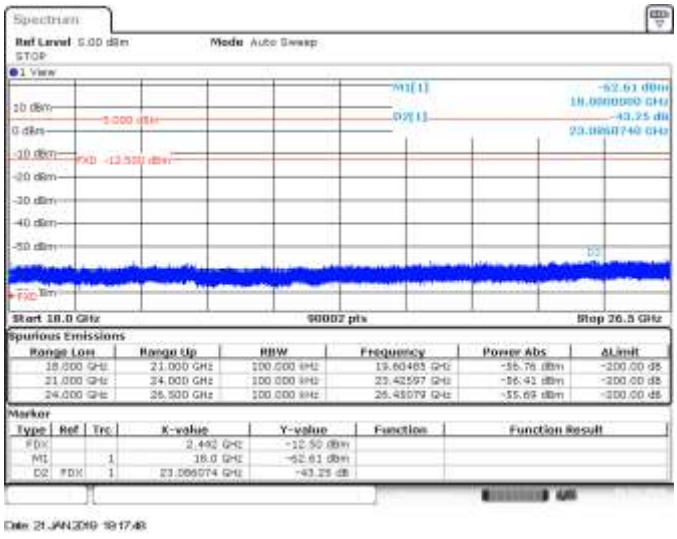
CH7, 802.11n20, HT0, SISO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



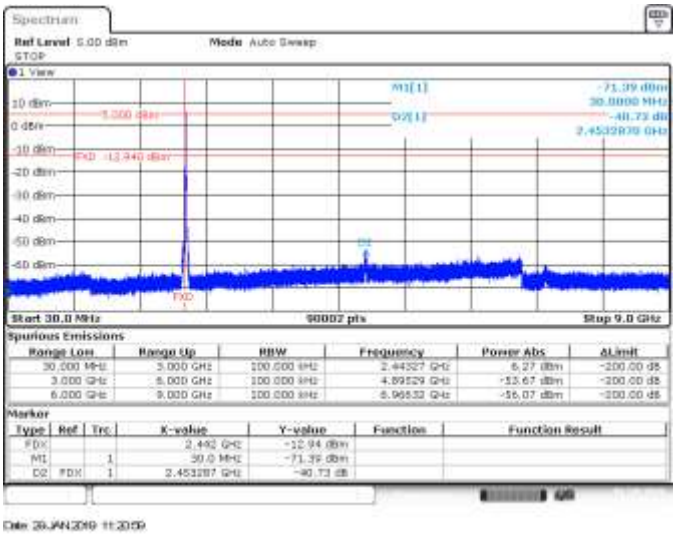
CH7, 802.11n20, HT8, MIMO A, Range 30MHz to 9GHz - Delta Marker Measurement



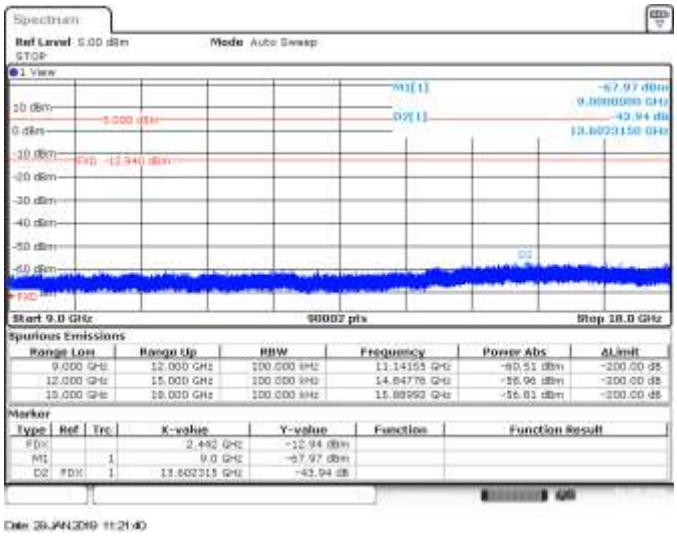
CH7, 802.11n20, HT8, MIMO A, Range 9GHz to 18GHz - Delta Marker Measurement



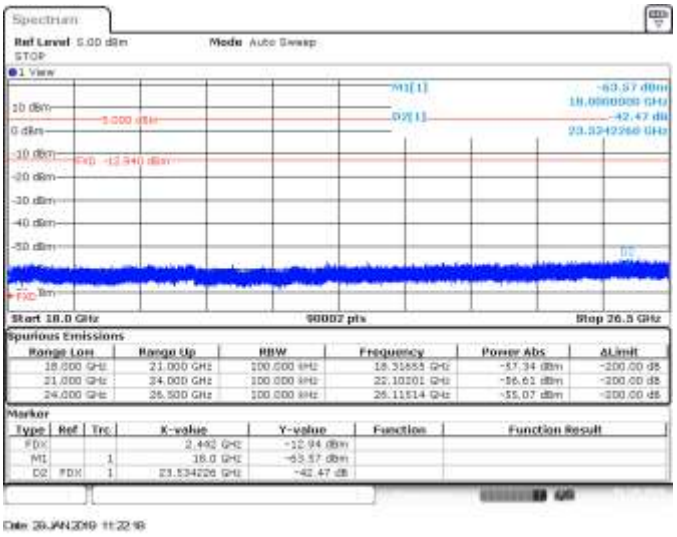
CH7, 802.11n20, HT8, MIMO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



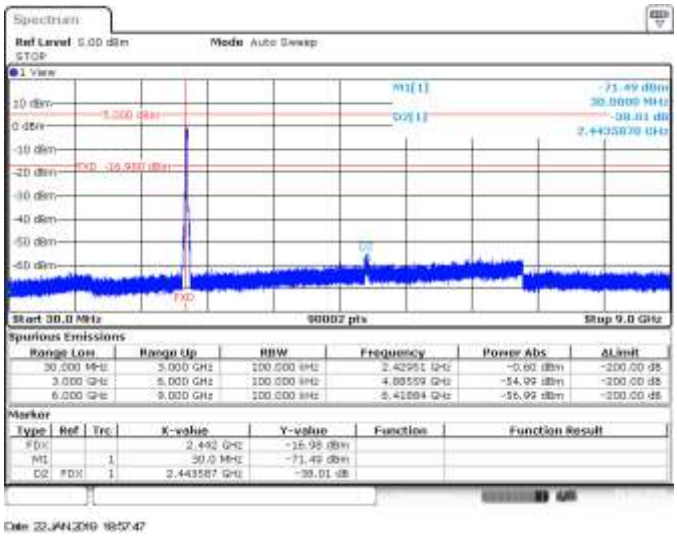
CH7, 802.11n20, HT8, MIMO B, Range 30MHz to 9GHz - Delta Marker Measurement



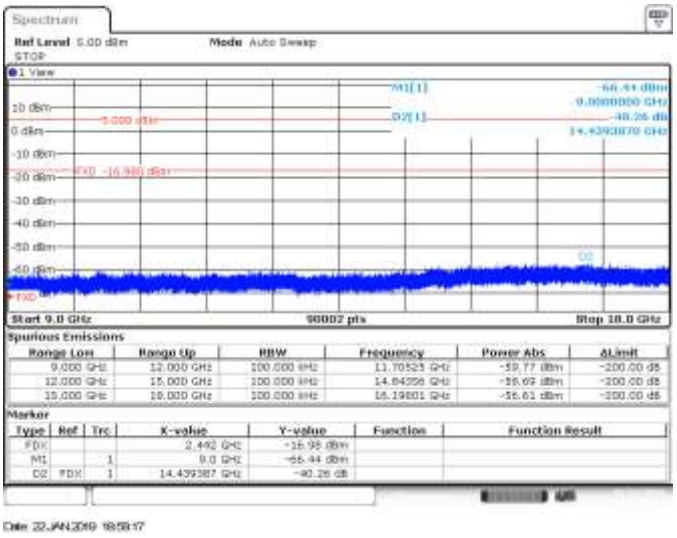
CH7, 802.11n20, HT8, MIMO B, Range 9GHz to 18GHz - Delta Marker Measurement



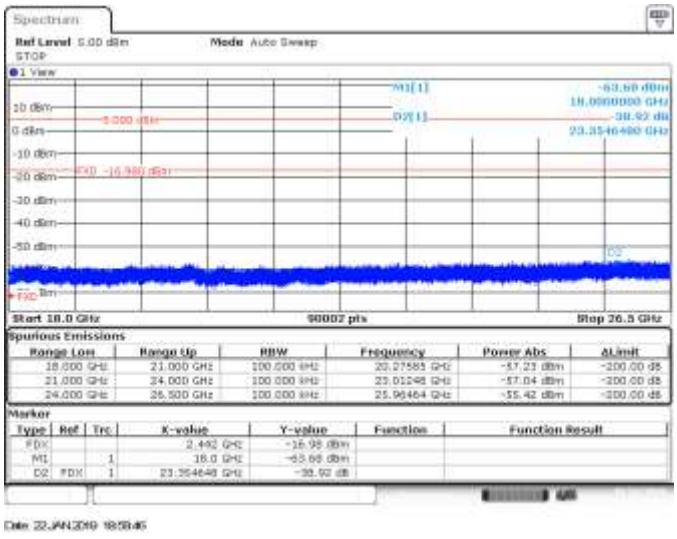
CH7, 802.11n20, HT8, MIMO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



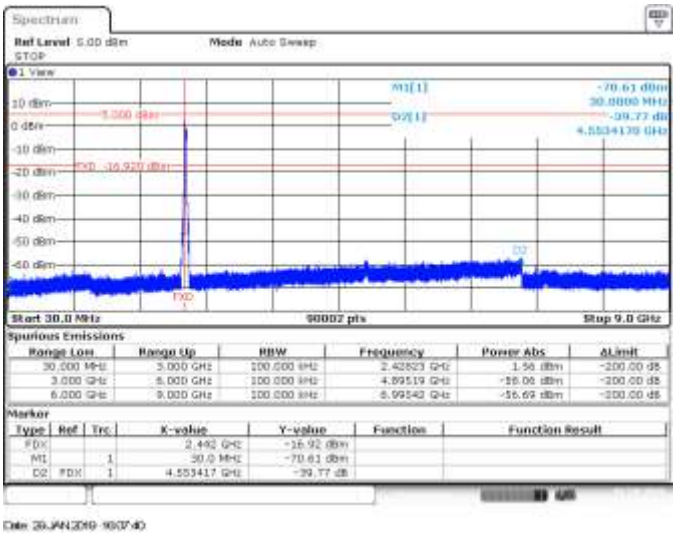
CH7, 802.11n40, HT0, SISO A, Range 30MHz to 9GHz - Delta Marker Measurement



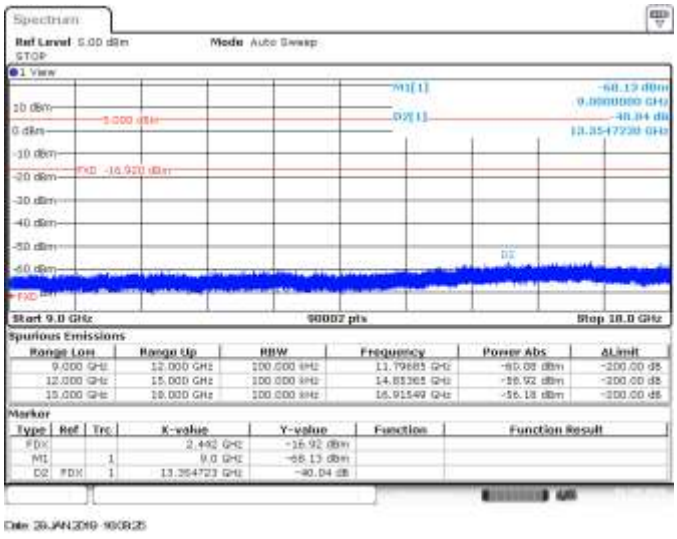
CH7, 802.11n40, HT0, SISO A, Range 9GHz to 18GHz - Delta Marker Measurement



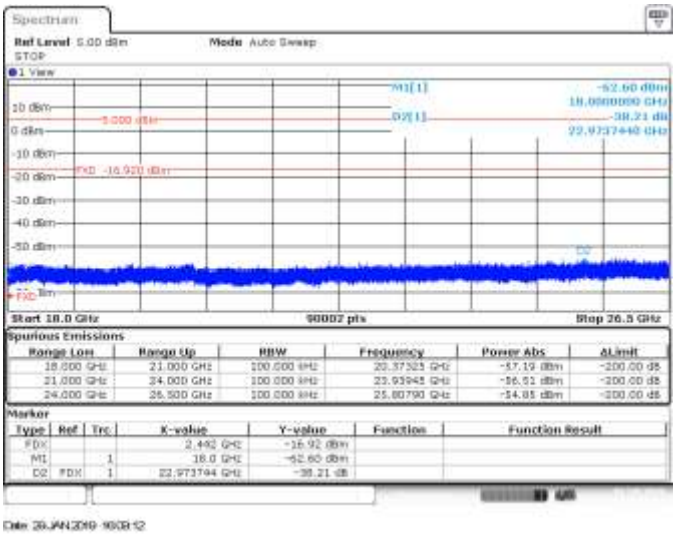
CH7, 802.11n40, HT0, SISO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



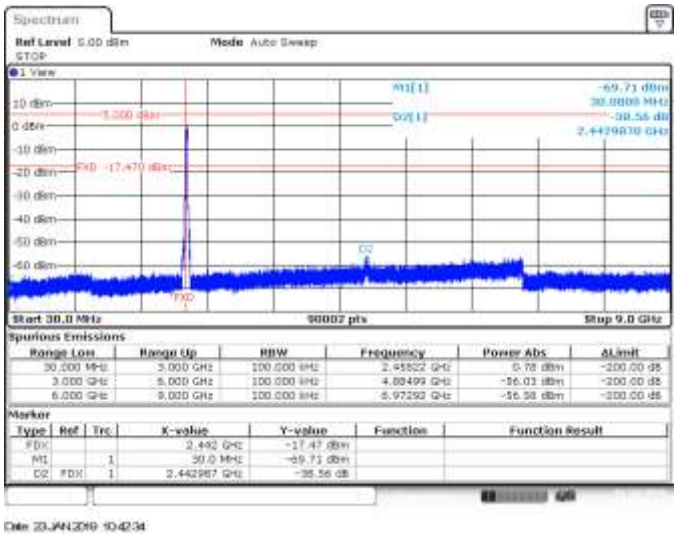
CH7, 802.11n40, HT0, SISO B, Range 30MHz to 9GHz - Delta Marker Measurement



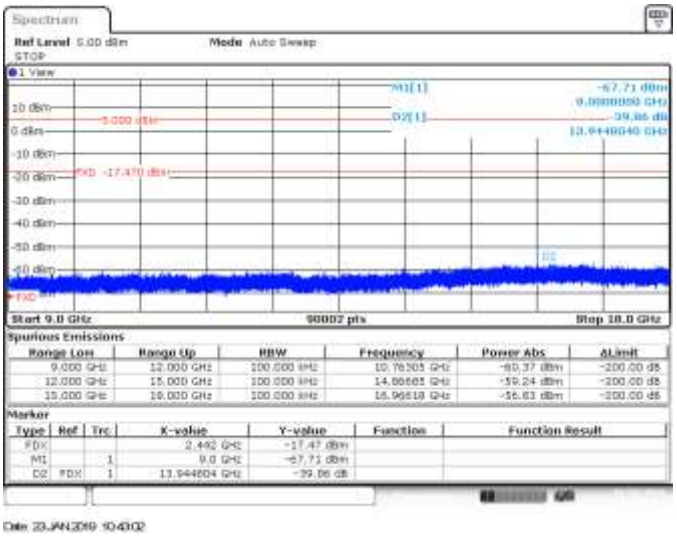
CH7, 802.11n40, HT0, SISO B, Range 9GHz to 18GHz - Delta Marker Measurement



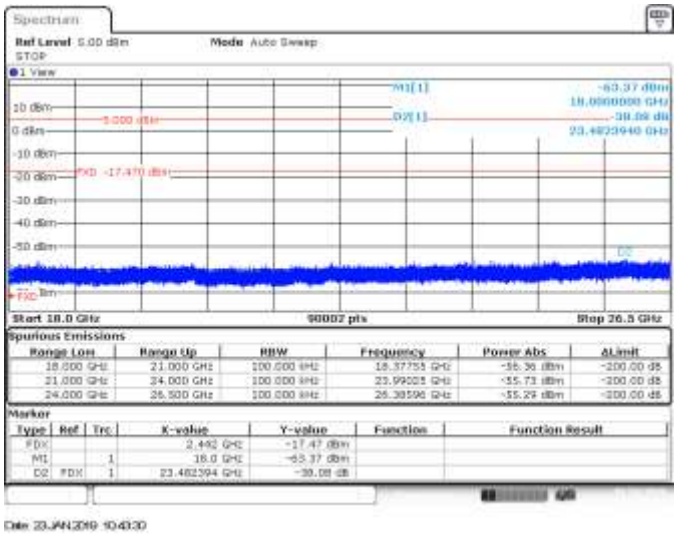
CH7, 802.11n40, HT0, SISO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



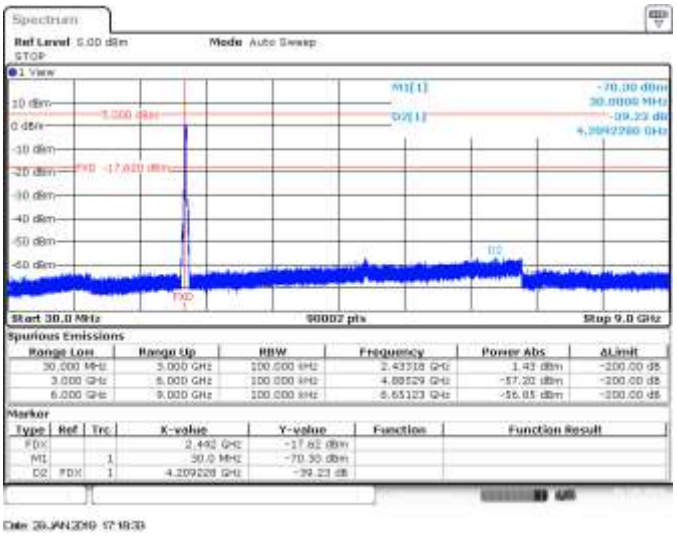
CH7, 802.11n40, HT8, MIMO A, Range 30MHz to 9GHz - Delta Marker Measurement



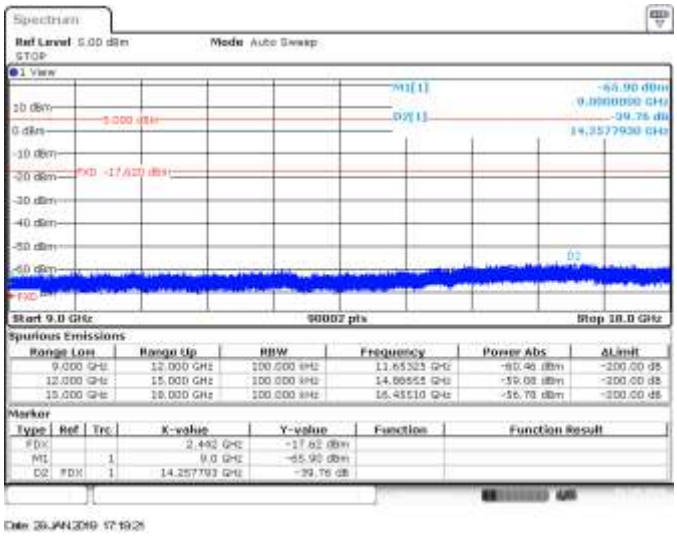
CH7, 802.11n40, HT8, MIMO A, Range 9GHz to 18GHz - Delta Marker Measurement



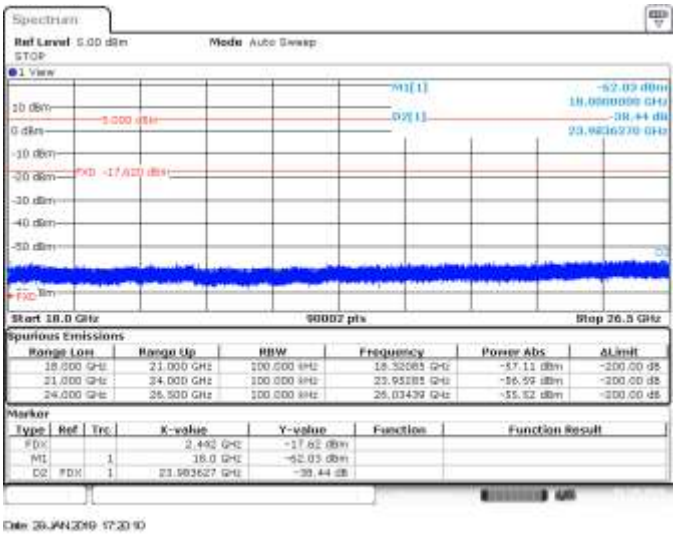
CH7, 802.11n40, HT8, MIMO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



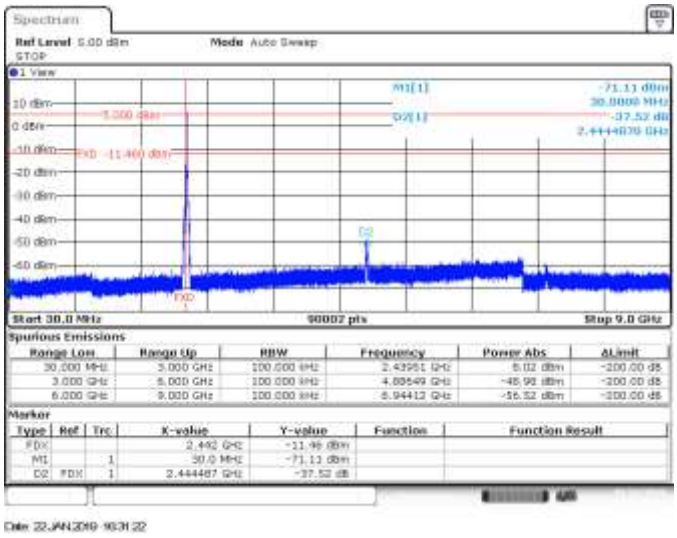
CH7, 802.11n40, HT8, MIMO B, Range 30MHz to 9GHz - Delta Marker Measurement



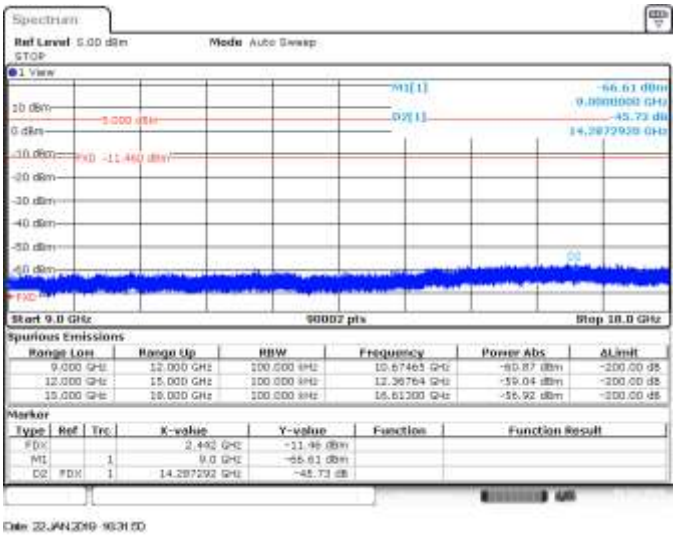
CH7, 802.11n40, HT8, MIMO B, Range 9GHz to 18GHz - Delta Marker Measurement



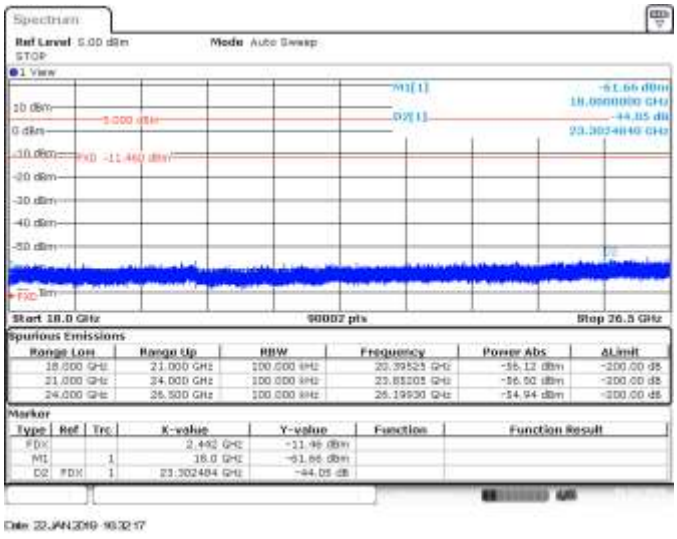
CH7, 802.11n40, HT8, MIMO B, Range 18GHz to 26.5GHz - Delta Marker Measurement



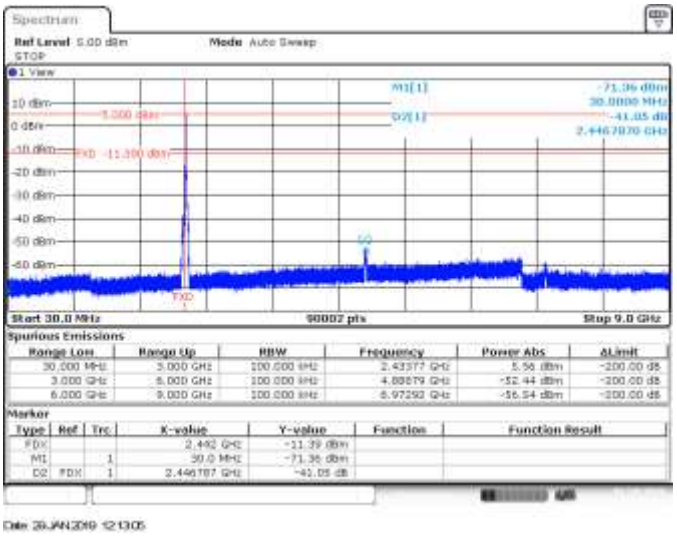
CH7, 802.11ax20, HE0, SISO A, Range 30MHz to 9GHz - Delta Marker Measurement



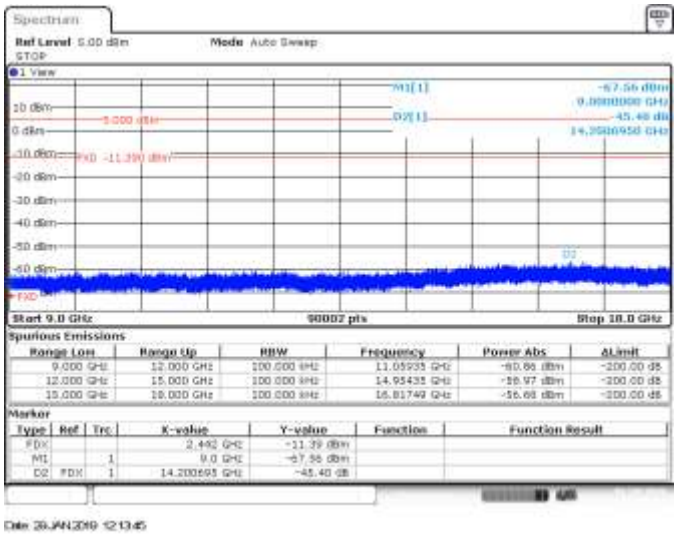
CH7, 802.11ax20, HE0, SISO A, Range 9GHz to 18GHz - Delta Marker Measurement



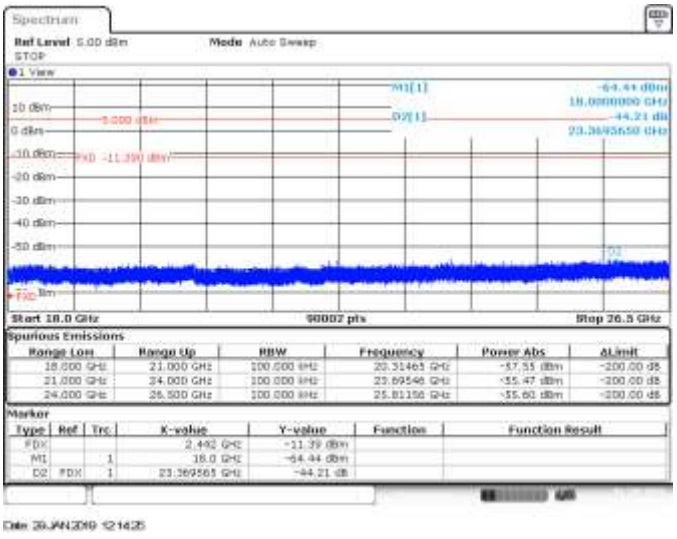
CH7, 802.11ax20, HE0, SISO A, Range 18GHz to 26.5GHz - Delta Marker Measurement



CH7, 802.11ax20, HE0, SISO B, Range 30MHz to 9GHz - Delta Marker Measurement



CH7, 802.11ax20, HE0, SISO B, Range 9GHz to 18GHz - Delta Marker Measurement



CH7, 802.11ax20, HE0, SISO B, Range 18GHz to 26.5GHz - Delta Marker Measurement