



시험 성적서

TEST REPORT

페이지(page) : (1) / (총(Total) 154)

성적서 번호 Report No.		ICRT-TR-E222079-0A	
신청자 Client	기관명 Name	PITTASOFT CO.,LTD.	
	주 소 Address	A4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea	
시험대상품목 Sample description		Car Dashcam	
모델명 Type designation		DR970X LTE	
정 격 Ratings		DC 12.0 V / DC 24.0 V	
시험장소 Place of test		☒ 고정시험(Inside test) ☐ 현장시험(Field test) 주소지(Address): 112, 113 Hwanggeum 3-ro 7beon-gil, Hagun-ri, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea	
시험기간 Date of test		31.May. 2022 ~ 08. Aug. 2022	
시험방법/항목 Test Method/Item		FCC Part 15 Subpart E §15.407	
시험결과 Test Results		Refer to 3. Test Summary	
확 인 Affirmation	작성자 Tested by	기술책임자 Technical Manager	
	성 명 Name Yeong-Hwan, Hong (Signature)	성 명 Name Min-Gi, Son (Signature)	

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The above test report is certified that the above mentioned products have been tested for the sample.

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2022. 08. 10

주식회사 아이씨알 대표이사

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Revision History

Issued Report No.	Issued Date	Revisions	Effect Section
ICRT-TR-E222079-0A	10-Aug-2022	Initial Issue	All



1. Applicant & Manufacturer & Test Laboratory Information

1.1 Applicant information

Applicant	PITTASOFT CO.,LTD.
Address	A4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
Contact Person	MINHO SHIN
Telephone No.	+82-31-8039-7789
Fax No.	+82-31-8039-5260
E-mail	shinmh@pittasoft.com

1.2 Manufacturer Information

Manufacturer	PITTASOFT CO.,LTD.
Address	A4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

1.3 Test Laboratory Information

Conducted tests were performed at	
Laboratory	ICR Co., Ltd.
Address	112, Hwanggeum 3-ro 7beon-gil, Hagun-ri, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea
Telephone No.	+82-2-6351-9002
Fax No.	+82-2-6351-9007
RRA No.	KR0165
KOLAS No.	KT652
Test Firm Registration Number	490614



2. Equipment under Test(EUT) Information

2.1 General Information

Product Name	Car Dashcam
Brand Name	-
Model Name	DR970X LTE
Additional Model Name	DR970X-1CH LTE, DR970X-2CH LTE, DR970X-2CH IR LTE, DR970X-2CH DMS LTE, DR970X-2CH Truck LTE, DR970X-2CH ELD LTE
FCC ID	YCK-DR970XLTE
Power Supply	DC 12.0 V / DC 24.0 V

2.2 Additional Information

Equipment Class	NII – National Information Infrastructure	
Device Type	Stand-alone	
Operating Frequency	5 180 MHz ~ 5 240 MHz / 5 260 MHz ~ 5 320 MHz 5 500 MHz ~ 5 700 MHz / 5 745 MHz ~ 5 825 MHz	
RF Output Power	802.11a	2.59 dBm
	802.11n(HT20)	2.68 dBm
	802.11ac(VHT20)	1.03 dBm
	802.11n(HT40)	2.73 dBm
	802.11ac(VHT40)	1.06 dBm
	802.11ac(VHT80)	-0.17 dBm
Number of Channel	802.11a/n(HT20)/ac(VHT20)	25
	802.11n(HT40)/ac(VHT20)	12
	802.11ac(VHT80)	6
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM	
Antenna Type	Chip Antenna	
Antenna Gain	3.60 dBi	
Antenna Operating Mode	Single Antenna Equipment with only one antenna	

2.3 Mode of operation during the test

- The EUT is continuous transmission mode during the test with set to each of the Low Channel, Middle Channel, and High Channel at the worst case data rate. The worst case data rate for each modulation is determined 1 Mbps for IEEE 802.11b, 6 Mbps for IEEE 802.11g, 6.5 Mbps for HT20, 65 Mbps for HT40.



2.4 Modifications of EUT

- None

2.5 Reason of Additional Model Name

NO	Family Model Name	Difference
1	DR970X-1CH LTE	The basic model and electrical specifications, structure, and circuit are the same, but a simple derivative model name added due to a different seller
2	DR970X-2CH LTE	
3	DR970X-2CH IR LTE	
4	DR970X-2CH DMS LTE	
5	DR970X-2CH Truck LTE	
6	DR970X-2CH ELD LTE	

2.6 Frequency/Channel Operations

- This device contains the following capabilities:
- 2.4 GHz WIFI: WLAN 802.11b/g/n(HT20/HT40)
- 5 GHz WIFI: WLAN 802.11a/n(HT20/HT40)/ac(VHT20/VHT40/VHT80)

802.11a/n(HT20)/ac(VHT20)							
UNII-1		UNII-2A		UNII-2C		UNII-3	
Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)
36	5 180	52	5 260	100	5 500	149	5 745
44	5 220	58	5 280	120	5 600	157	5 785
48	5 240	64	5 320	140	5 700	165	5 825
				144	5 720		

802.11n(HT40)/ac(VHT40)							
UNII-1		UNII-2A		UNII-2C		UNII-3	
Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)
38	5 190	54	5 270	102	5 510	151	5 755
46	5 230	62	5 310	118	5 590	159	5 795
				134	5 670		
				142	5 710		

802.11ac(VHT80)							
UNII-1		UNII-2A		UNII-2C		UNII-3	
Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)	Ch	Frequency(MHz)
42	5 210	58	5 290	106	5 530	155	5 775
				122	5 610		



3. Test Summary

3.1 Test standards and results

FCC Part 15 Subpart C			
Clause	Test items	Applied	Results
§15.407(a)	Maximum conducted output power	☒	PASS
§15.407(a)	Maximum power spectral density	☒	PASS
§15.407(a)	26 dB bandwidth	☒	PASS
§15.407(a)	6 dB bandwidth	☒	PASS
15.407(d), 5.205(a), 15.209(a)	Radiated Spurious Emission	☒	PASS(Note1)
§15.207	Power Line Conducted Emission	☒	PASS
§15.203	Antenna Requirement	☒	PASS

- Note1: Data at DC 12 V of Radiated Emissions data are only those of Worst Case.

3.2 Purpose of the test

- To determine whether the equipment under test fulfills the requirements of the standards stated in FCC Part 15 Subpart E Section 15.407.

3.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10: 2013.

Radiated testing was performed at a distance of 3 m from EUT to the antenna.

3.4 Configuration of Test System

3.4.1 Radiated emission test

Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10: 2013 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 m Semi Anechoic Chamber. The turntable was rotated through 360 degrees and the EUT was tested by positioned three orthogonal planes to obtain the highest reading on the field strength meter. Once maximum reading was determined, the search antenna was raised and lowered in both vertical and horizontal polarization.

3.4.2 AC power line conducted emission test

The EUT was connected to LISN. All supporting equipment were connected to another LISN. Preliminary Power line Conducted Emission test was performed by using the procedure in ANSI C63.10: 2013 to determine the worse operating conditions.



3.5 Antenna requirement

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section.

The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to §15.247(b)(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.

Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.5.1 Result: Pass

The transmitter has a **Chip Antenna**. The directional gain of the antenna is **3.60 dBi**.



4. Used equipment on test

	Description	Model Name	Serial Number	Manufacturer	Next Cal. (cycle)
☒	Spectrum analyzer	FSV40	101455	R&S	2023. 03. 02 (1Y)
☒	Signal Generator	SMB100A	180607	R&S	2023. 03. 03 (1Y)
☒	Wideband Power	NRP-Z81	102999	R&S	2023. 03. 03 (1Y)
☒	DC Power Supply	XDL 35-5P	J00385373	Sorensen	2023. 03. 03 (1Y)
☒	Spectrum Analyzer	N9020A	MY48011700	Agilent Technologies	2022. 12. 16 (1Y)
☒	Spectrum Analyzer	N9020A	US47360812	Agilent Technologies	2023. 06. 24 (1Y)
☒	Spectrum Analyzer	N9030B	MY55480168	KEYSIGHT	2022. 12. 16 (1Y)
☒	DC Power Supply	66332A	US37473422	Agilent Technologies	2023. 06. 24 (1Y)
☒	DC Power Supply	DPR-303D	2090097	DIGITAL	2023. 06. 24 (1Y)
☒	Multimeter	17B+	36390701WS	FLUKE	2022. 12. 16 (1Y)
☒	Signal Generator	SMBV100A	255571	Rohde Schwarz	2022. 12. 16 (1Y)
☒	Signal Generator	MG3695C	173501	ANRITSU	2022. 12. 16 (1Y)
☒	Thermohygrometer	BJ5478	120612-2	BODYCOM	2022. 12. 16 (1Y)
☒	Thermohygrometer	BJ5478	N/A	BODYCOM	2023. 06. 24 (1Y)
☒	Loop Antenna	6502	00226186	ETS-Lindgren	2023. 01. 28 (1Y)
☒	Hybrid Antenna	VULB 9160	3362	Schwarzbeck	2022. 12. 16 (1Y)
☒	Horn Antenna	3117	00143278	ETS-Lindgren	2023. 06. 24 (1Y)
☒	Horn Antenna	SAS-574	155	A.H.Systems Inc.	2023. 06. 24 (1Y)
☒	PreAmplifier	MLA-0118-B01-40	1852267	tsj	2022. 12. 16 (1Y)
☒	PreAmplifier	MLA-1840-J02-45	16966-10728	tsj	2023. 06. 24 (1Y)
☒	PreAmplifier	8447D	2944A07774	H.P	2022. 12. 16 (1Y)
☒	High Pass Filter	WHKX12-935- 1000-	8	Wainwright	2023. 06. 24 (1Y)
☒	High Pass Filter	WHKX10-2838- 3300-	1	Wainwright	2023. 06. 24 (1Y)
☒	High Pass Filter	WHNX8.0/26.5- 6SS	3	Wainwright	2023. 06. 24 (1Y)
☒	Attenuator	SS5T2.92-10-40	16012202	Hefei Shunze	2023. 06. 24 (1Y)
☒	Attenuator	56-3	Y2370	Aeroflex/Weinschel	2023. 06. 24 (1Y)
☒	Attenuator	SMAJK-2-3	3	SMAJK	2023. 06. 24 (1Y)
☒	Attenuator	SMAJK-2-3	2	SMAJK	2023. 06. 24 (1Y)

※ All test equipment used is calibration on a regular basis.



5. Maximum conducted output power

5.1 Operating environment

Temperature : 25 °C

Relative humidity : 46 %

5.2 Measurement method

Standard : §15.407(a)

5.3 Test Procedure

- ANSI C63.10-2013-Section 12.3.3.2 and 14.2
- KDB 789033 D02 v02r01 - Section E.2.d) or e)
- KDB 662911 D01 v02r01 – Section E).1)

Spectrum Analyzer

EUT



5.3.1 Measured Results for DC 12 V

Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result (dBm)	Limit (dBm)
802.11a	UNII 1	5 180	-1.68	2.41	0.73	23.98
		5 200	-0.66		1.75	
		5 240	-1.28		1.13	
	UNII 2A	5 260	-0.54		1.87	23.98
		5 280	-1.07		1.34	
		5 320	-2.11		0.30	
	UNII 2C	5 500	-4.69		-2.28	23.98
		5 600	-4.62		-2.21	
		5 700	-9.88		-7.47	
	UNII 3	5 745	-11.88		-9.47	30.00
		5 785	-14.41		-12.00	
		5 825	-14.73		-12.32	
802.11n(HT20)	UNII 1	5 180	-0.50	2.53	2.03	23.98
		5 200	-0.33		2.20	
		5 240	-0.41		2.12	
	UNII 2A	5 260	-0.38		2.15	23.98
		5 280	0.01		2.54	
		5 320	-2.09		0.44	
	UNII 2C	5 500	-3.86		-1.33	23.98
		5 600	-6.97		-4.44	
		5 700	-8.74		-6.21	
	UNII 3	5 745	-12.76		-10.23	30.00
		5 785	-14.77		-12.24	
		5 825	-15.34		-12.81	
802.11n(HT40)	UNII 1	5 190	-3.10	4.13	1.03	23.98
		5 230	-3.38		0.75	
	UNII 2A	5 270	-3.22		0.91	23.98
		5 310	-4.16		-0.03	
	UNII 2C	5 510	-6.41		-2.28	23.98
		5 590	-8.53		-4.40	
		5 670	-10.72		-6.59	
	UNII 3	5 755	-13.09		-8.96	30.00
		5 795	-16.34		-12.21	

**Result(dBm) = Reading (dBm) + DCCF (dB)

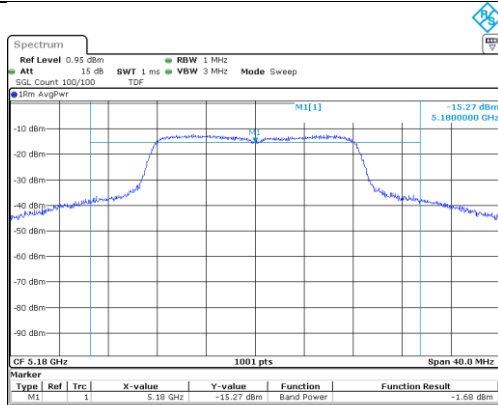


Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result [dBm]	Limit (dBm)
802.11ac(VHT20)	UNII 1	5 180	-0.30	2.52	2.22	23.98
		5 200	0.21		2.73	
		5 240	-0.36		2.16	
	UNII 2A	5 260	-0.54		1.98	23.98
		5 280	-0.91		1.61	
		5 320	-2.00		0.52	
	UNII 2C	5 500	-4.18		-1.66	23.98
		5 600	-6.78		-4.26	
		5 700	-8.93		-6.41	
	UNII 3	5 745	-11.11		-8.59	30.00
		5 785	-14.27		-11.75	
		5 825	-15.99		-13.47	
802.11ac(VHT40)	UNII 1	5 190	-3.05	4.11	1.06	23.98
		5 230	-3.37		0.74	
	UNII 2A	5 270	-3.62		0.49	23.98
		5 310	-4.14		-0.03	
	UNII 2C	5 510	-7.15		-3.04	23.98
		5 590	-8.57		-4.46	
		5 670	-11.13		-7.02	
	UNII 3	5 755	-13.35		-9.24	30.00
		5 795	-16.21		-12.10	
802.11ac(VHT80)	UNII 1	5 210	-6.38	6.21	-0.17	23.98
	UNII 2A	5 290	-7.19		-0.98	23.98
	UNII 2C	5 530	-8.63		-2.42	23.98
		5 610	-11.59		-5.38	
	UNII 3	5 775	-18.29		-12.08	30.00

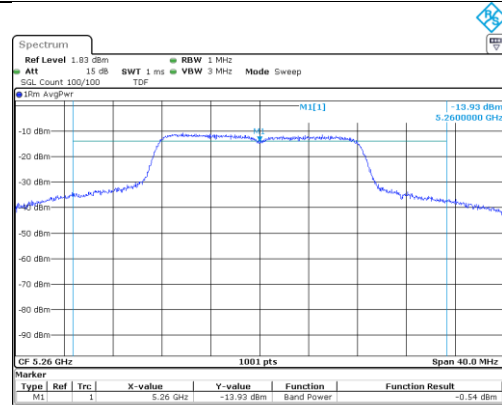
**Result(dBm) = Reading (dBm) + DCCF (dB)



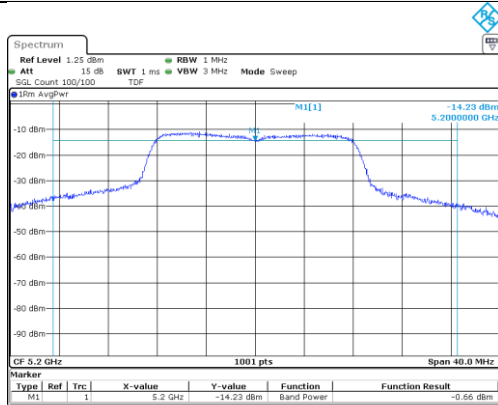
5.3.1.1 Measured Graph for 802.11a Test Data



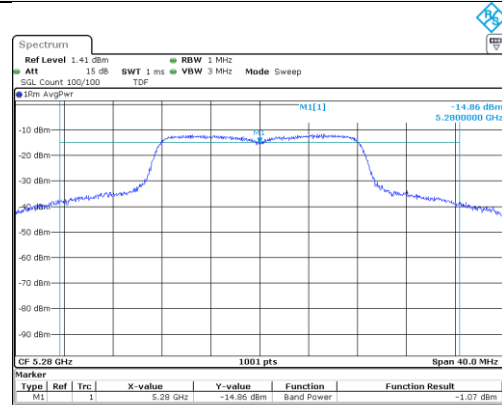
UNII-1 / 802.11a / 5 180 MHz



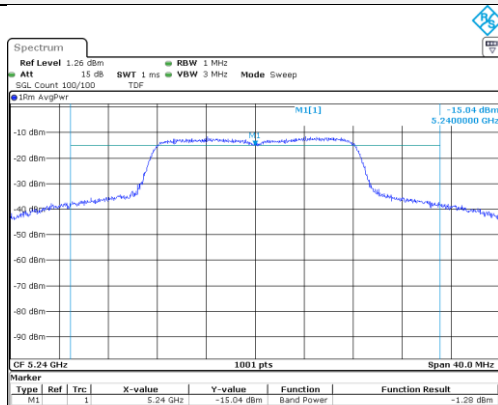
UNII-2A / 802.11a / 5 260 MHz



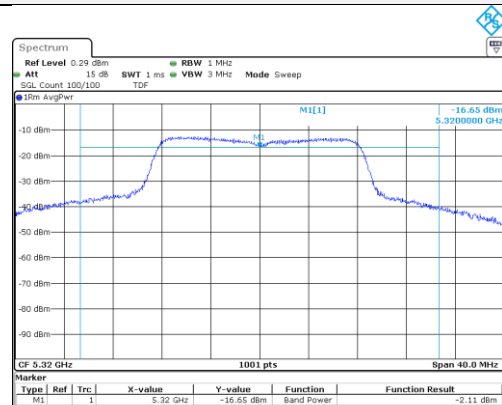
UNII-1 / 802.11a / 5 200 MHz



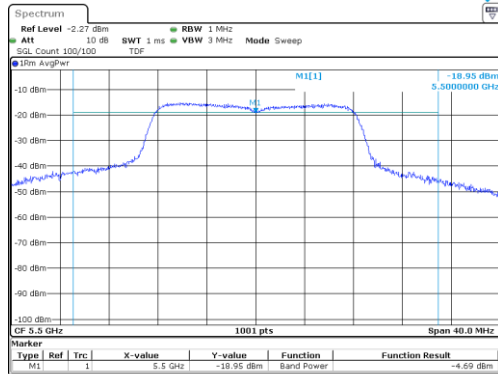
UNII-2A / 802.11a / 5 280 MHz



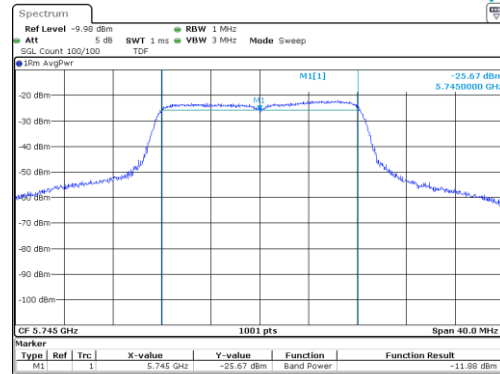
UNII-1 / 802.11a / 5 240 MHz



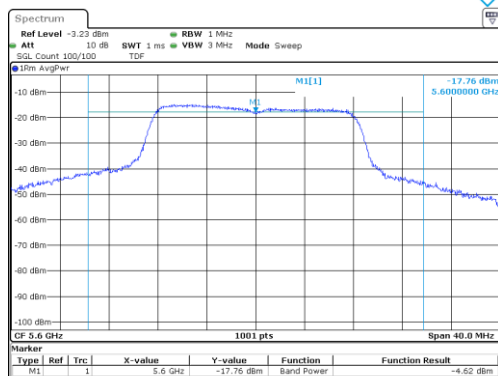
UNII-2A / 802.11a / 5 320 MHz



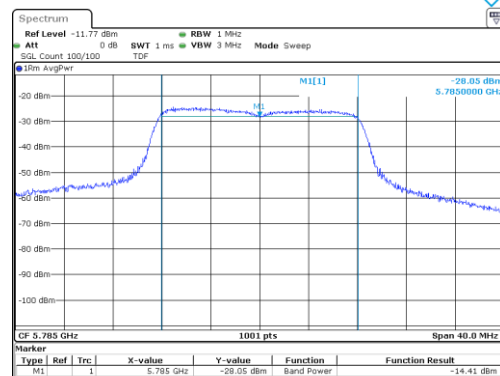
UNII-2C / 802.11a / 5 500 MHz



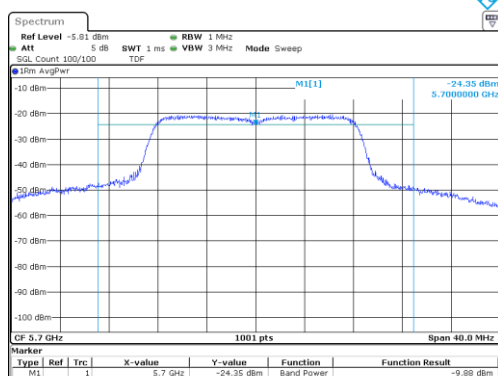
UNII-3 / 802.11a / 5 745 MHz



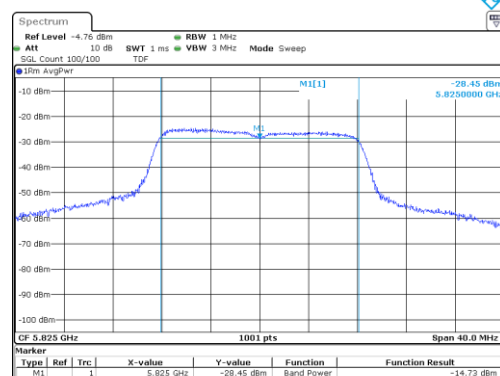
UNII-2C / 802.11a / 5 600 MHz



UNII-3 / 802.11a / 5 785 MHz

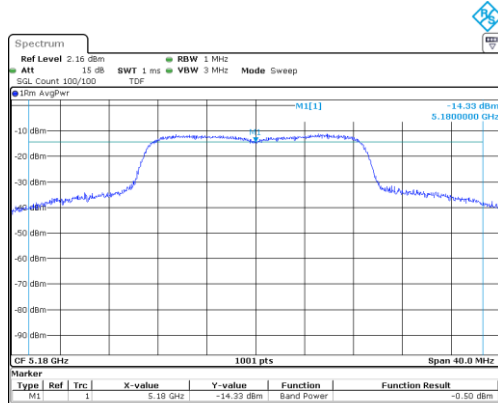


UNII-2C / 802.11a / 5 700 MHz

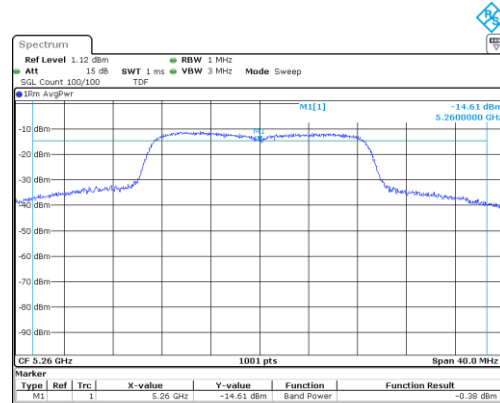


UNII-3 / 802.11a / 5 825 MHz

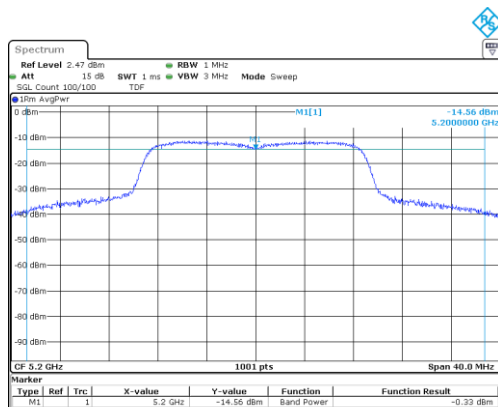
5.3.1.2 Measured Graph for 802.11n(HT20) Test Data



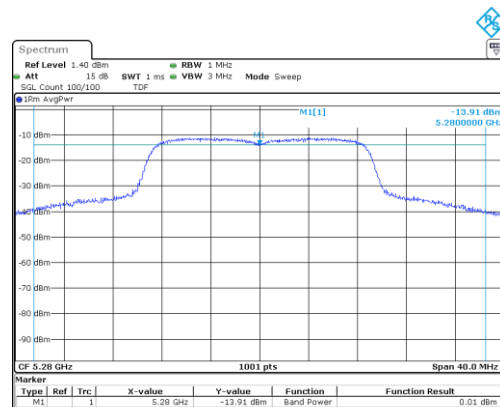
UNII-1 / 802.11n(HT20) / 5 180 MHz



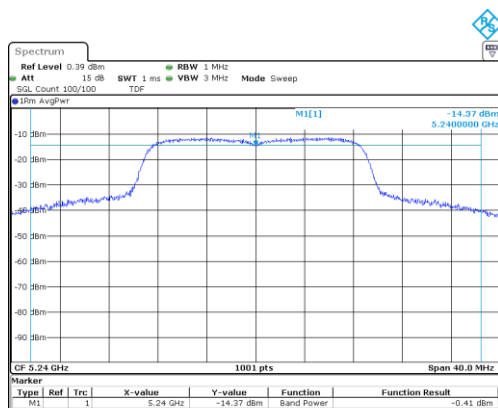
UNII-2A / 802.11n(HT20) / 5 260 MHz



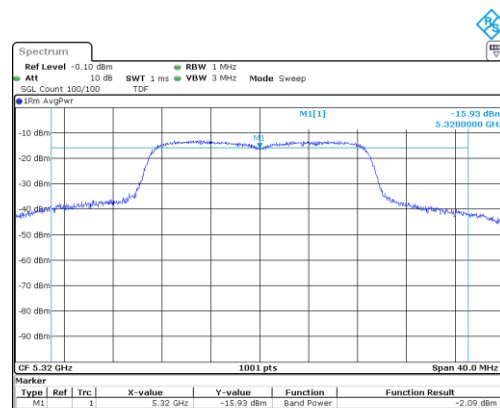
UNII-1 / 802.11n(HT20) / 5 200 MHz



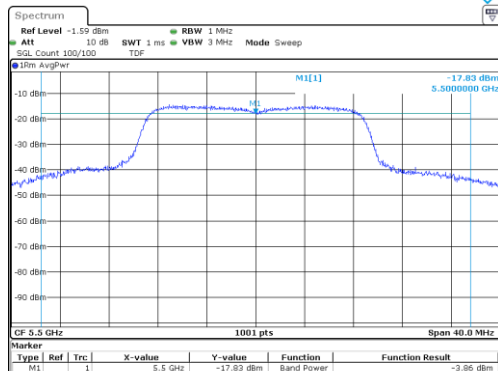
UNII-2A / 802.11n(HT20) / 5 280 MHz



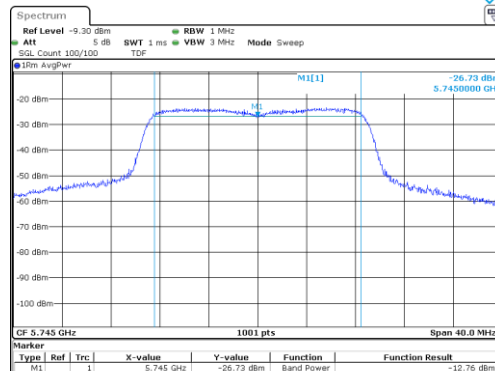
UNII-1 / 802.11n(HT20) / 5 240 MHz



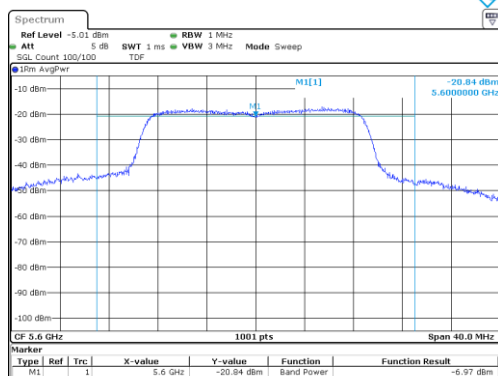
UNII-2A / 802.11n(HT20) / 5 320 MHz



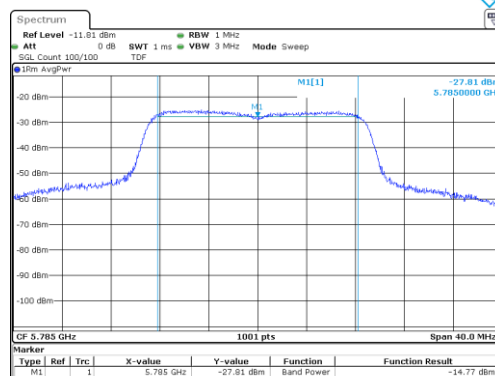
UNII-2C / 802.11n(HT20)/ 5 500 MHz



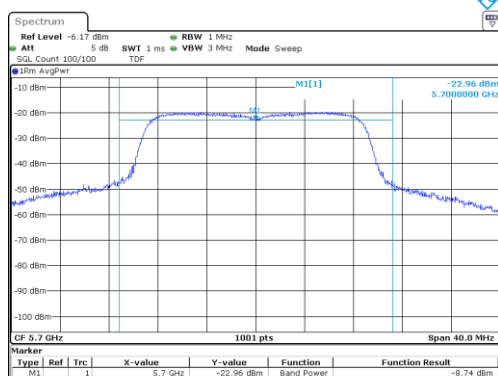
UNII-3 / 802.11n(HT20)/ 5 745 MHz



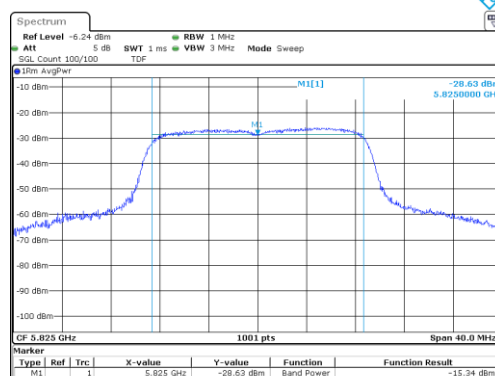
UNII-2C / 802.11n(HT20)/ 5 600 MHz



UNII-3 / 802.11n(HT20)/ 5 785 MHz



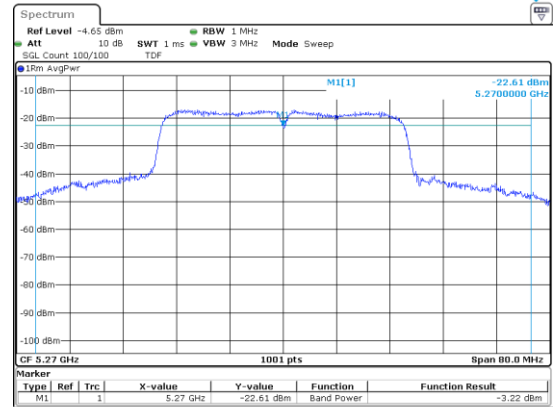
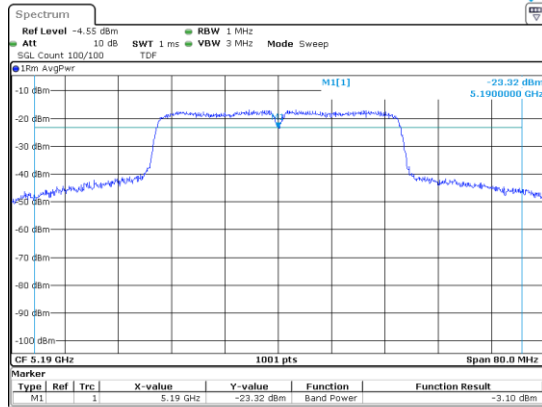
UNII-2C / 802.11n(HT20)/ 5 700 MHz



UNII-3 / 802.11n(HT20)/ 5 825 MHz

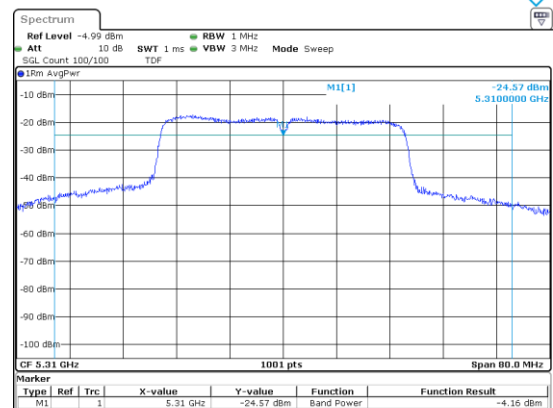
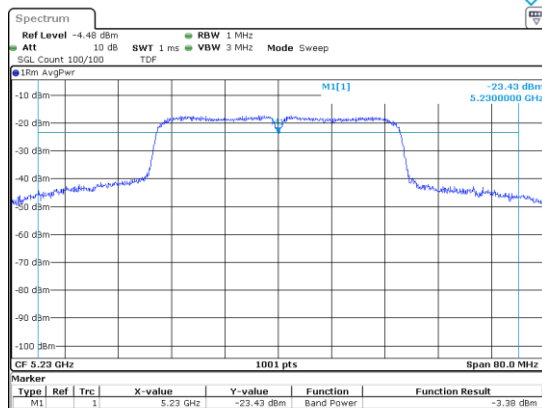


5.3.1.3 Measured Graph for 802.11n(HT40) Test Data



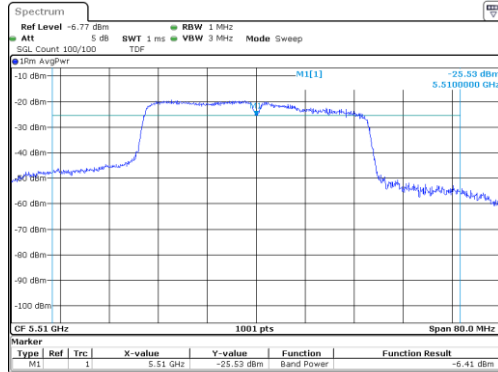
UNII-1 / 802.11n(HT40)/ 5 190 MHz

UNII-2A / 802.11n(HT40)/ 5 270 MHz

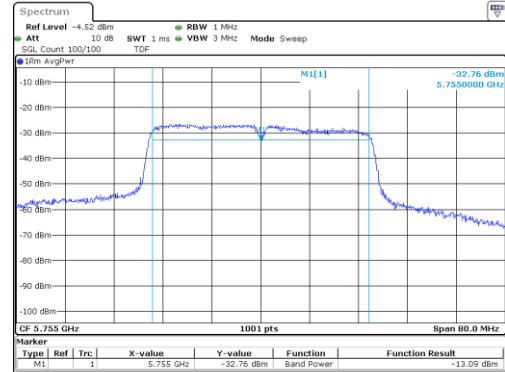


UNII-1 / 802.11n(HT40)/ 5 230 MHz

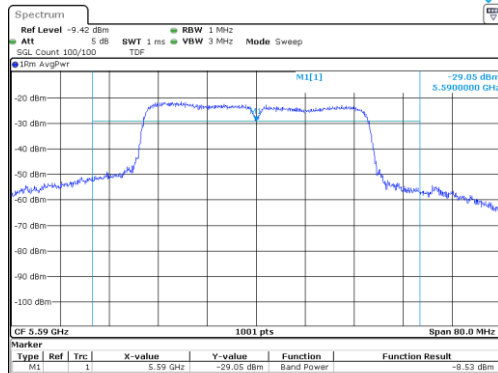
UNII-2A / 802.11n(HT40)/ 5 310 MHz



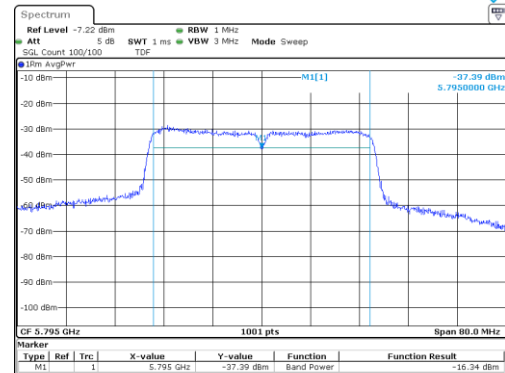
UNII-2C / 802.11n(HT40)/ 5 510 MHz



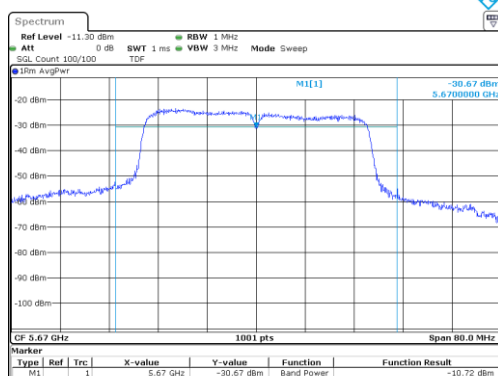
UNII-3 / 802.11n(HT40)/ 5 755 MHz



UNII-2C / 802.11n(HT40)/ 5 590 MHz

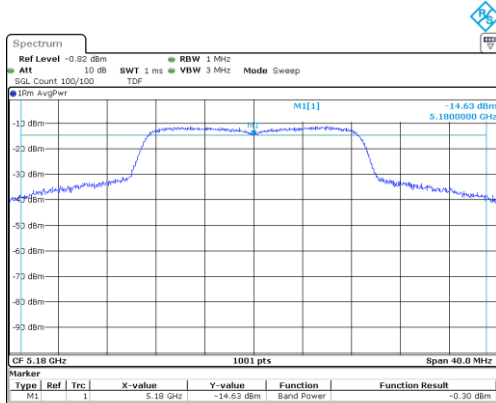


UNII-3 / 802.11n(HT40)/ 5 795 MHz

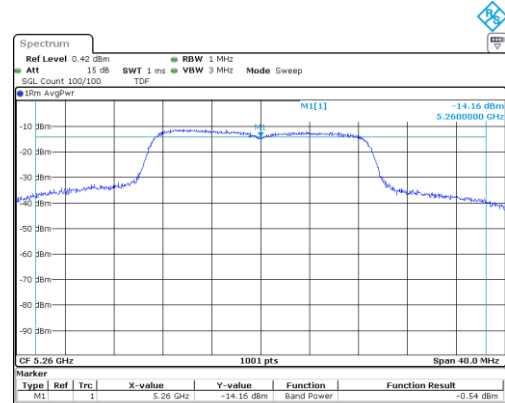


UNII-2C / 802.11n(HT40)/ 5 670 MHz

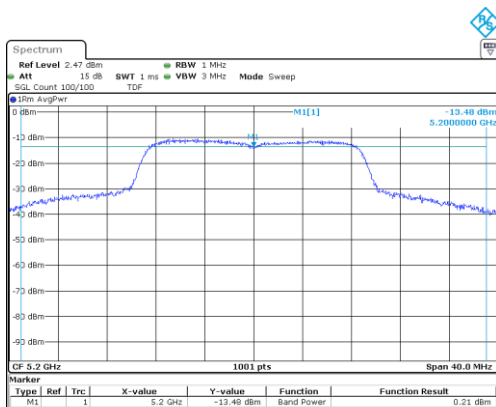
5.3.1.4 Measured Graph for 802.11ac(VHT20) Test Data



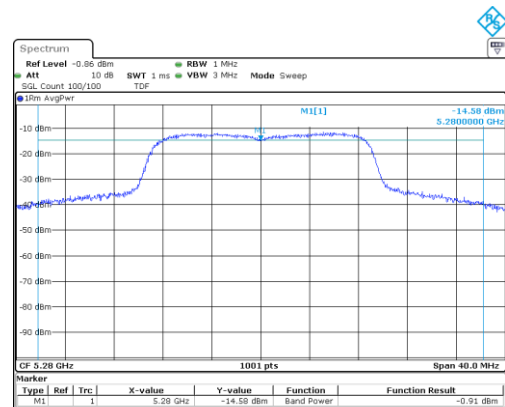
UNII-1 / 802.11ac(VHT20) / 5 180 MHz



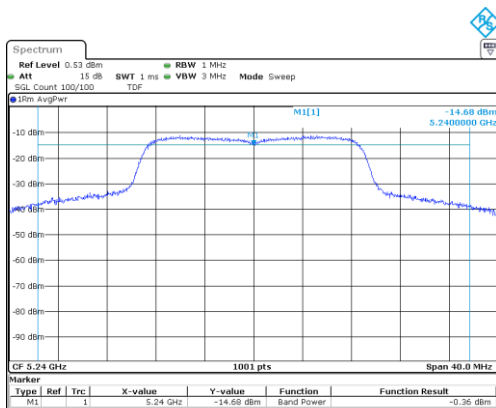
UNII-2A / 802.11ac(VHT20) / 5 260 MHz



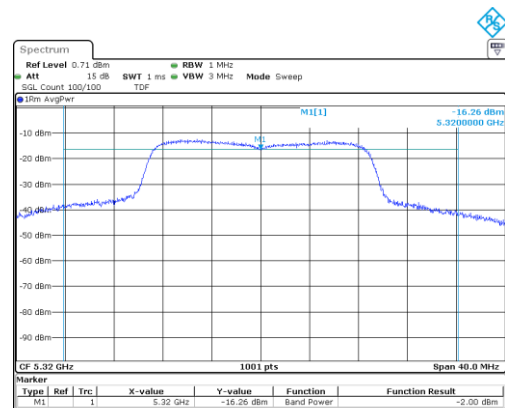
UNII-1 / 802.11ac(VHT20) / 5 200 MHz



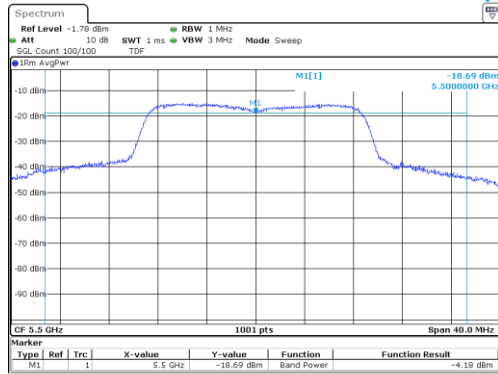
UNII-2A / 802.11ac(VHT20) / 5 280 MHz



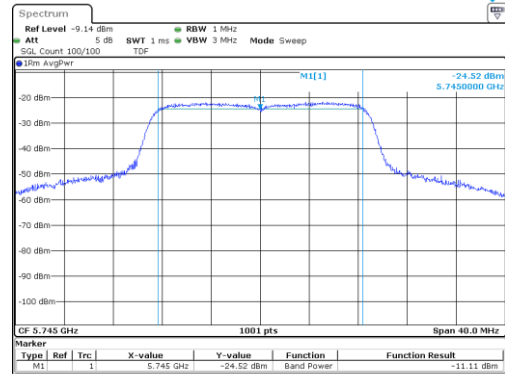
UNII-1 / 802.11ac(VHT20) / 5 240 MHz



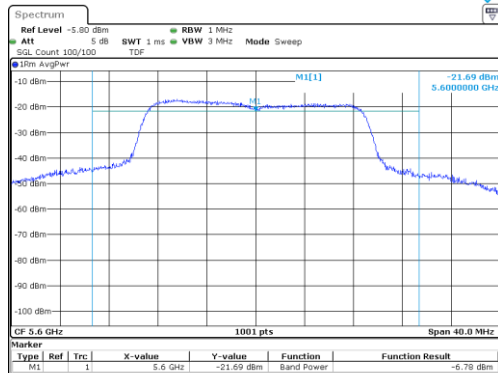
UNII-2A / 802.11ac(VHT20) / 5 320 MHz



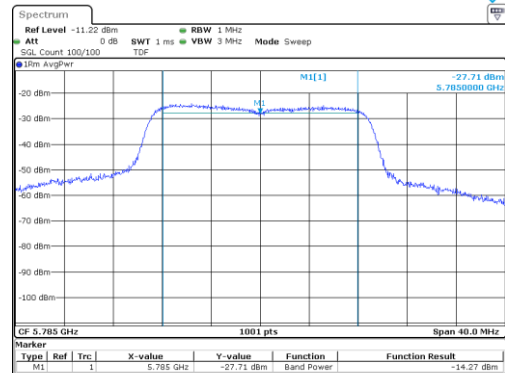
UNII-2C / 802.11ac(VHT20)/ 5 500 MHz



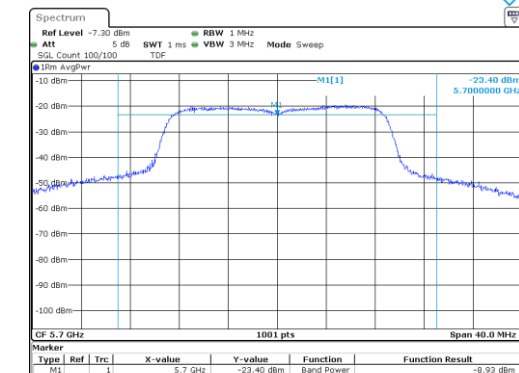
UNII-3 / 802.11ac(VHT20)/ 5 745 MHz



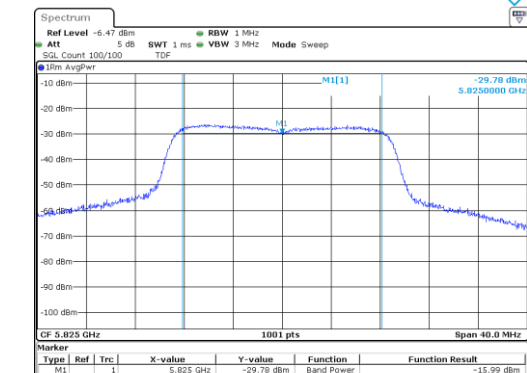
UNII-2C / 802.11ac(VHT20)/ 5 600 MHz



UNII-3 / 802.11ac(VHT20)/ 5 785 MHz



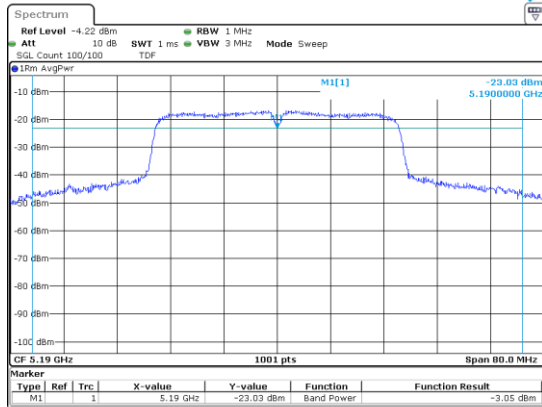
UNII-2C / 802.11ac(VHT20)/ 5 700 MHz



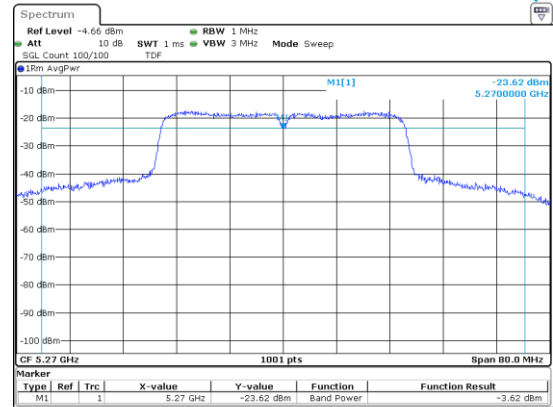
UNII-3 / 802.11ac(VHT20)/ 5 825 MHz



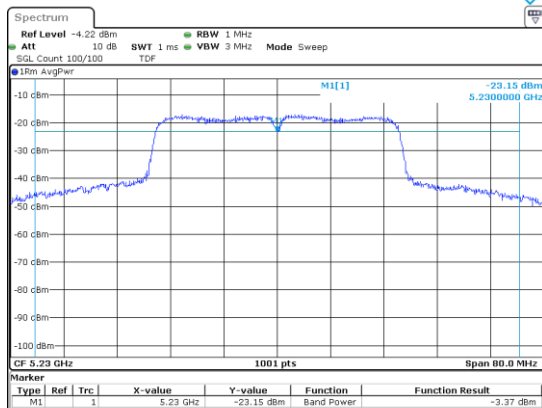
5.3.1.5 Measured Graph for 802.ac(VHT40) Test Data



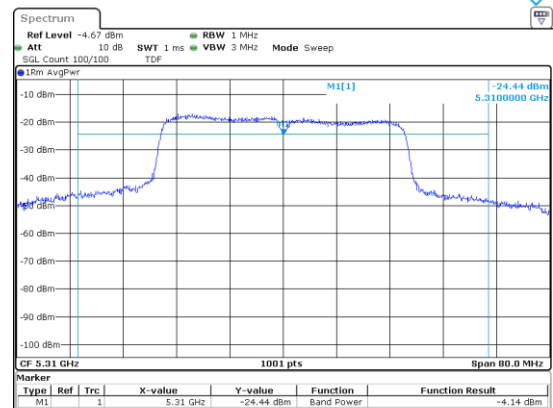
UNII-1 / 802.ac(VHT40)/ 5 190 MHz



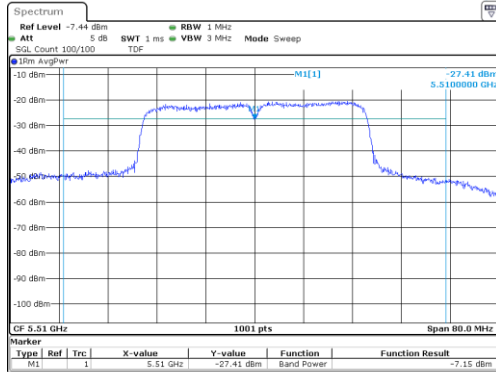
UNII-2A / 802.ac(VHT40)/ 5 270 MHz



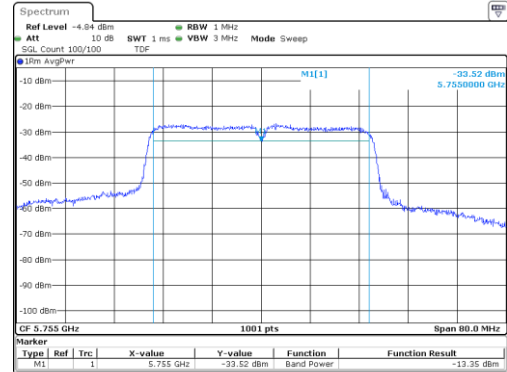
UNII-1 / 802.ac(VHT40)/ 5 230 MHz



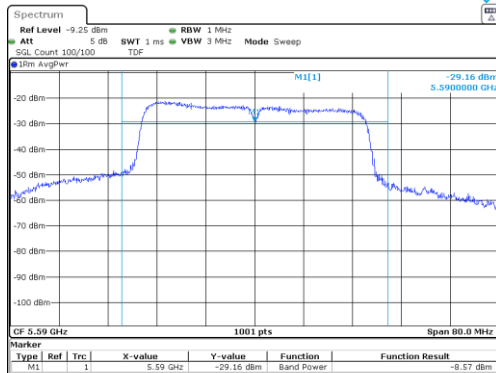
UNII-2A / 802.ac(VHT40)/ 5 310 MHz



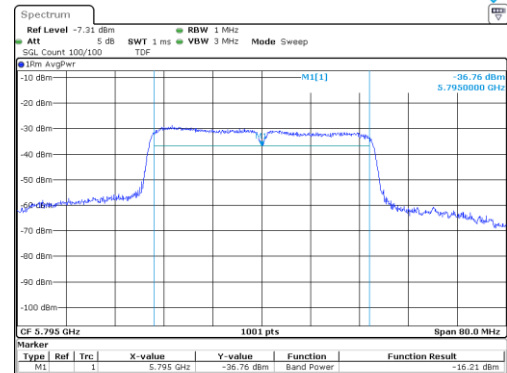
UNII-2C / 802.ac(VHT40)/ 5 510 MHz



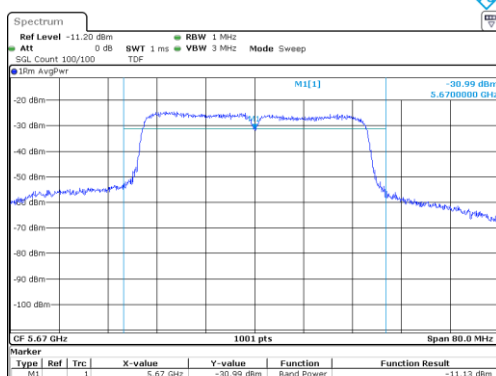
UNII-3 / 802.ac(VHT40)/ 5 755 MHz



UNII-2C / 802.ac(VHT40)/ 5 590 MHz

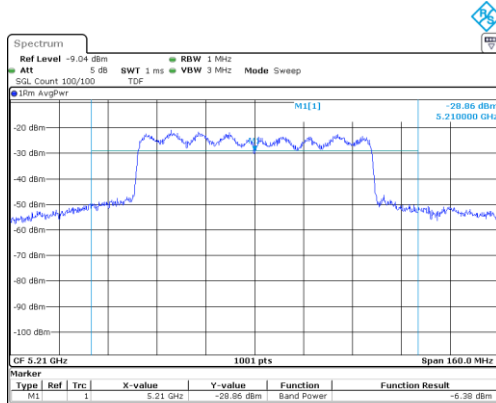


UNII-3 / 802.ac(VHT40)/ 5 795 MHz

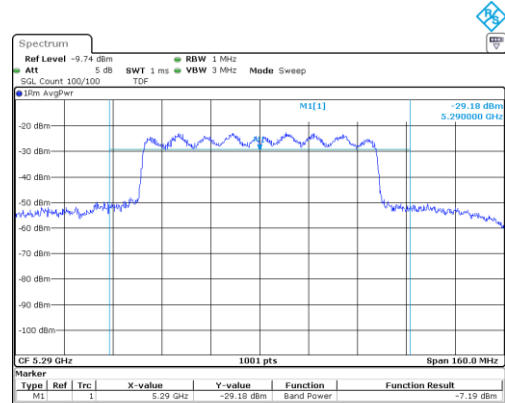


UNII-2C / 802.ac(VHT40)/ 5 670 MHz

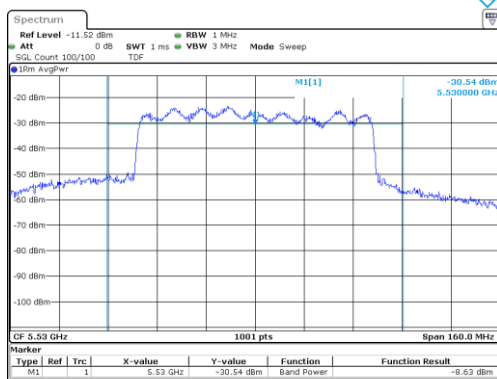
5.3.1.6 Measured Graph for 802.ac(VHT80) Test Data



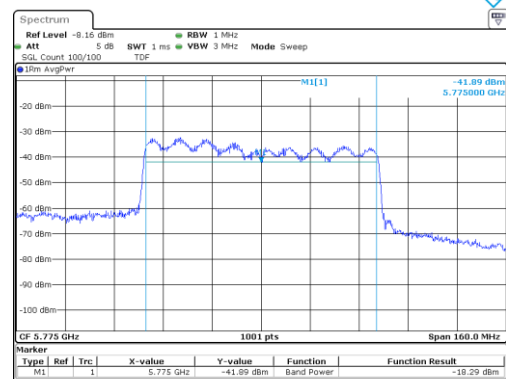
UNII-1 / 802.ac(VHT80)/ 5 210 MHz



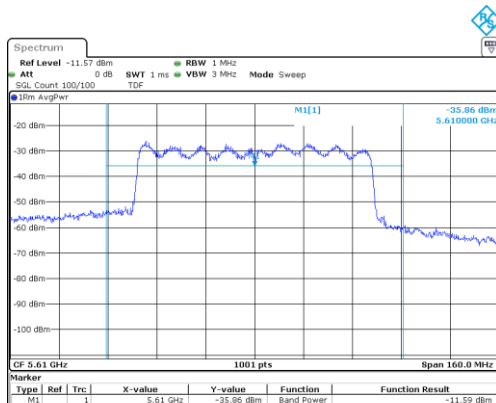
UNII-2A / 802.ac(VHT40)/ 5 290 MHz



UNII-2C / 802.ac(VHT40)/ 5 530 MHz



UNII-3 / 802.ac(VHT40)/ 5 775 MHz



UNII-2C / 802.ac(VHT40)/ 5 610 MHz

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5.3.2 Measured Results for DC 24 V

Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result (dBm)	Limit (dBm)
802.11a	UNII 1	5 180	0.07	2.40	2.47	23.98
		5 200	-0.47		1.93	
		5 240	0.05		2.45	
	UNII 2A	5 260	-0.16		2.24	23.98
		5 280	0.19		2.59	
		5 320	-1.74		0.66	
	UNII 2C	5 500	-4.62		-2.22	23.98
		5 600	-6.54		-4.14	
		5 700	-6.29		-3.89	
	UNII 3	5 745	-11.34		-8.94	30.00
		5 785	-13.73		-11.33	
		5 825	-15.88		-13.48	
802.11n(HT20)	UNII 1	5 180	0.15	2.53	2.68	23.98
		5 200	-0.09		2.44	
		5 240	-0.16		2.37	
	UNII 2A	5 260	-0.01		2.52	23.98
		5 280	-0.40		2.13	
		5 320	-1.50		1.03	
	UNII 2C	5 500	-3.33		-0.80	23.98
		5 600	-6.16		-3.63	
		5 700	-8.87		-6.34	
	UNII 3	5 745	-11.97		-9.44	30.00
		5 785	-13.51		-10.98	
		5 825	-16.29		-13.76	
802.11n(HT40)	UNII 1	5 190	-3.96	4.13	0.17	23.98
		5 230	-4.40		-0.27	
	UNII 2A	5 270	-4.26		-0.13	23.98
		5 310	-4.61		-0.48	
	UNII 2C	5 510	-6.02		-1.89	23.98
		5 590	-9.71		-5.58	
		5 670	-12.09		-7.96	
	UNII 3	5 755	-14.10		-9.97	30.00
		5 795	-17.56		-13.43	

**Result(dBm) = Reading (dBm) + DCCF (dB)

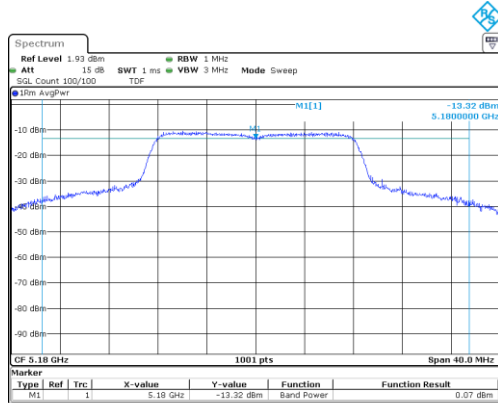


Modulation Type	Band	Frequency (MHz)	Reading Value (dBm)	DCCF (dB)	Result [dBm]	Limit (dBm)
802.11ac(VHT20)	UNII 1	5 180	-0.66	2.52	1.86	23.98
		5 200	-0.51		2.01	
		5 240	-1.14		1.38	
	UNII 2A	5 260	-0.45		2.07	23.98
		5 280	-2.01		0.51	
		5 320	-3.79		-1.27	
	UNII 2C	5 500	-4.65		-2.13	23.98
		5 600	-6.15		-3.63	
		5 700	-8.64		-6.12	
	UNII 3	5 745	-11.62		-9.10	30.00
		5 785	-14.32		-11.80	
		5 825	-16.89		-14.37	
802.11ac(VHT40)	UNII 1	5 190	-3.74	4.11	0.37	23.98
		5 230	-3.70		0.41	
	UNII 2A	5 270	-3.86		0.25	23.98
		5 310	-4.70		-0.59	
	UNII 2C	5 510	-7.19		-3.08	23.98
		5 590	-9.58		-5.47	
		5 670	-11.70		-7.59	
	UNII 3	5 755	-14.06		-9.95	30.00
		5 795	-17.51		-13.40	
802.11ac(VHT80)	UNII 1	5 210	-6.73	6.20	-0.53	23.98
	UNII 2A	5 290	-7.79		-1.59	23.98
	UNII 2C	5 530	-9.94		-3.74	23.98
		5 610	-11.69		-5.49	
	UNII 3	5 775	-18.85		-12.65	30.00

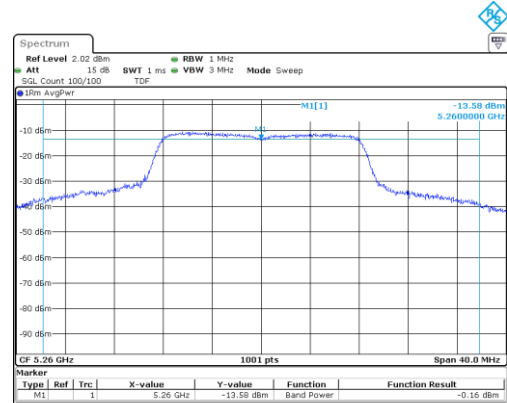
**Result(dBm) = Reading (dBm) + DCCF (dB)



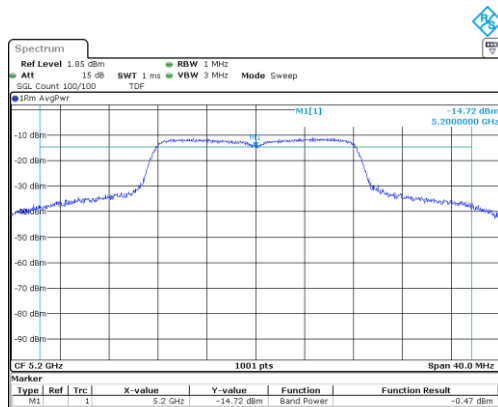
5.3.2.1 Measured Graph for 802.11a Test Data



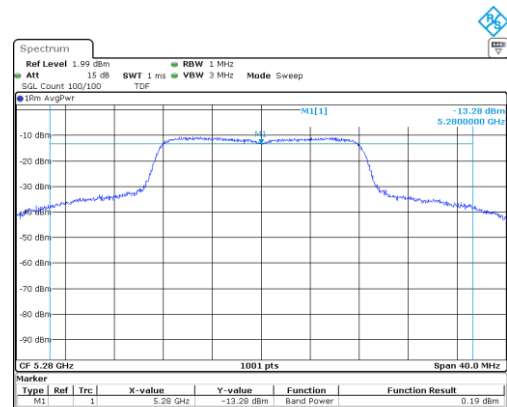
UNII-1 / 802.11a / 5 180 MHz



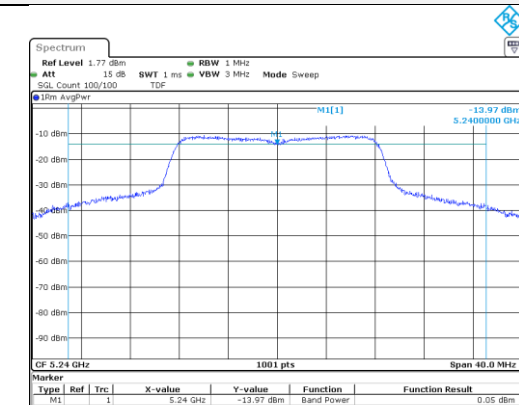
UNII-2A / 802.11a / 5 260 MHz



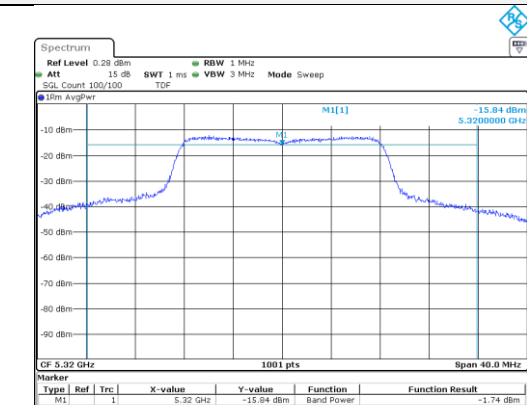
UNII-1 / 802.11a / 5 200 MHz



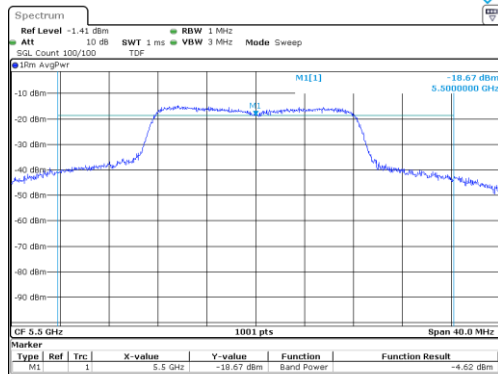
UNII-2A / 802.11a / 5 280 MHz



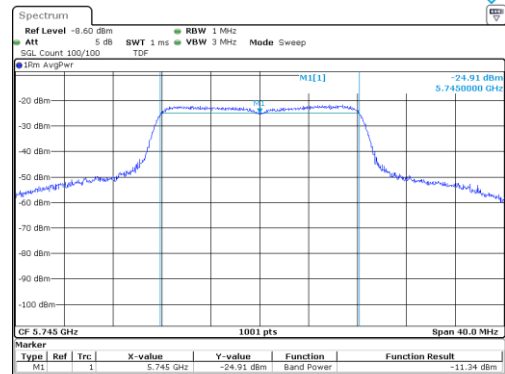
UNII-1 / 802.11a / 5 240 MHz



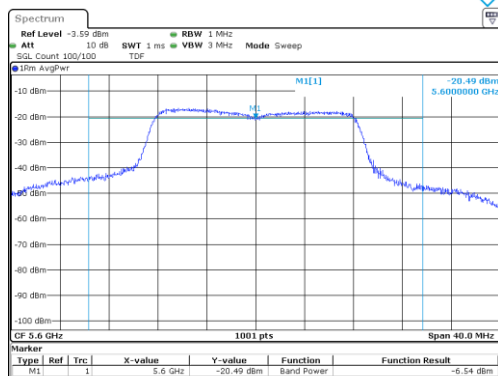
UNII-2A / 802.11a / 5 320 MHz



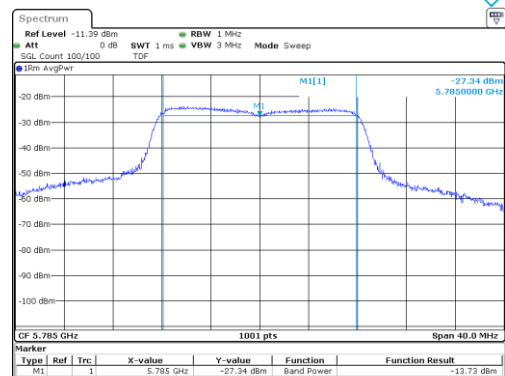
UNII-2C / 802.11a / 5 500 MHz



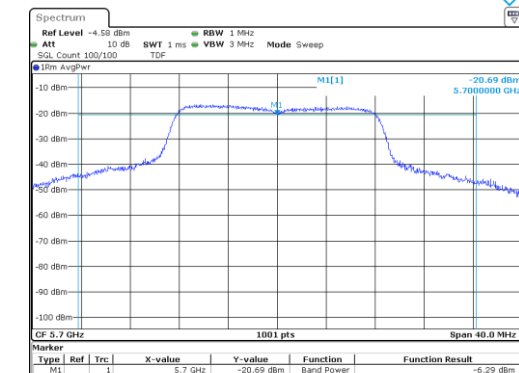
UNII-3 / 802.11a / 5 745 MHz



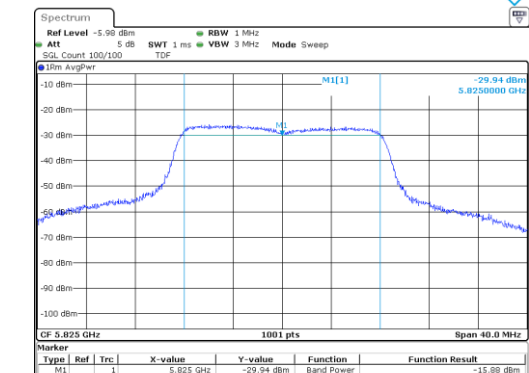
UNII-2C / 802.11a / 5 600 MHz



UNII-3 / 802.11a / 5 785 MHz



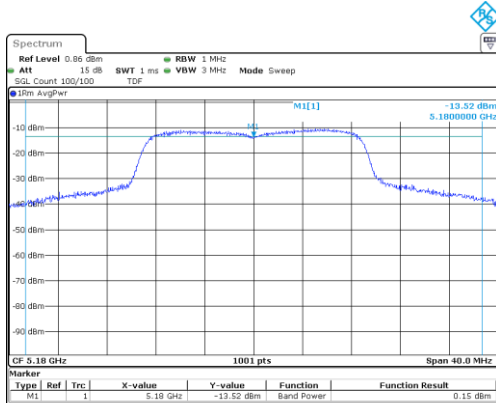
UNII-2C / 802.11a / 5 700 MHz



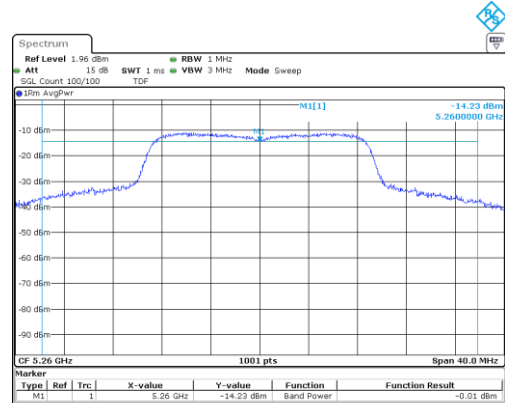
UNII-3 / 802.11a / 5 825 MHz



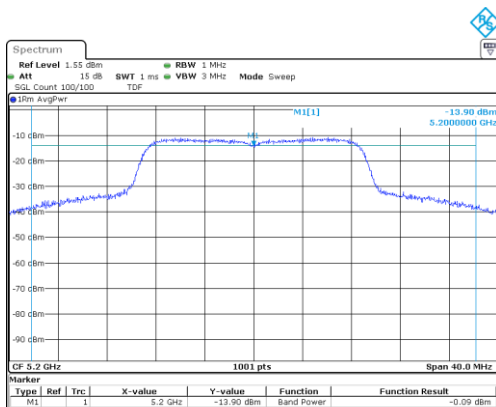
5.3.2.2 Measured Graph for 802.11n(HT20) Test Data



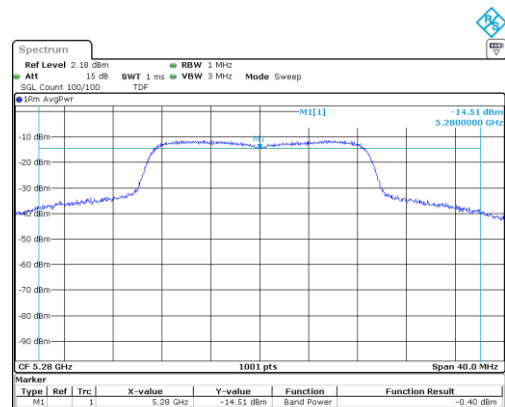
UNII-1 / 802.11n(HT20) / 5 180 MHz



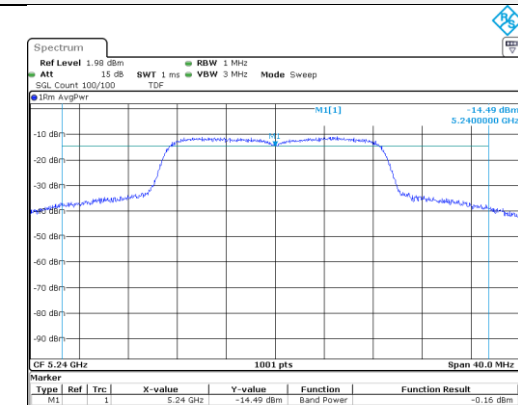
UNII-2A / 802.11n(HT20) / 5 260 MHz



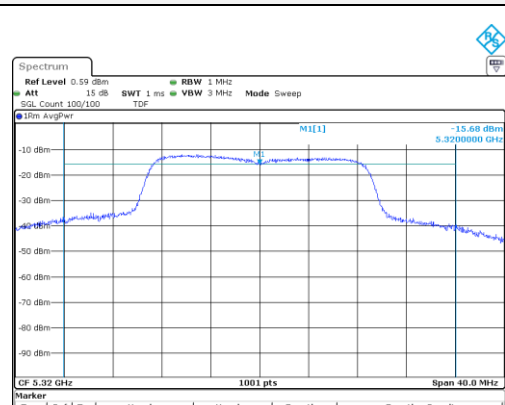
UNII-1 / 802.11n(HT20) / 5 200 MHz



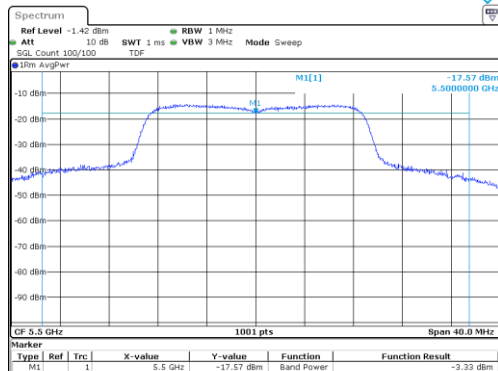
UNII-2A / 802.11n(HT20) / 5 280 MHz



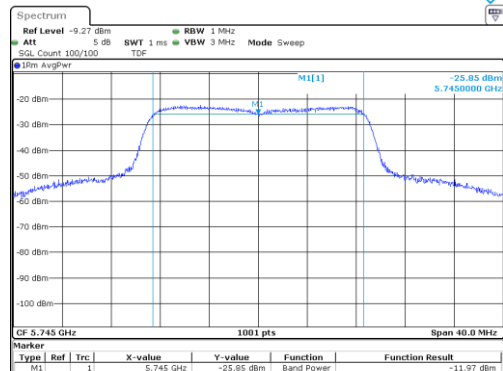
UNII-1 / 802.11n(HT20) / 5 240 MHz



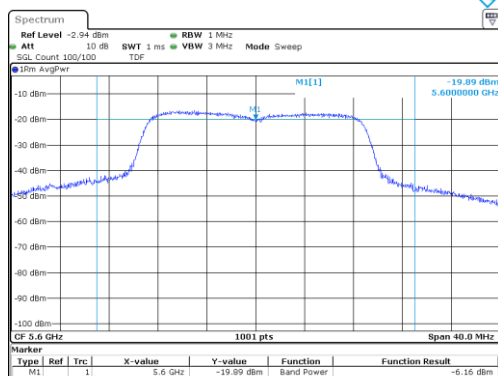
UNII-2A / 802.11n(HT20) / 5 320 MHz



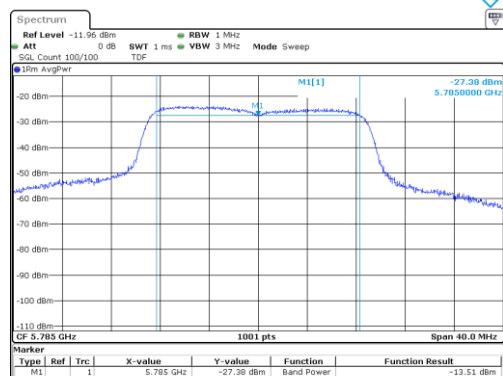
UNII-2C / 802.11n(HT20)/ 5 500 MHz



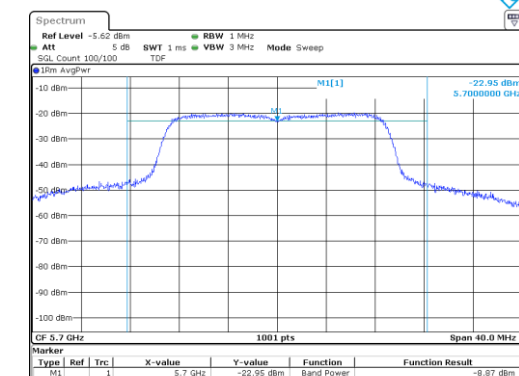
UNII-3 / 802.11n(HT20)/ 5 745 MHz



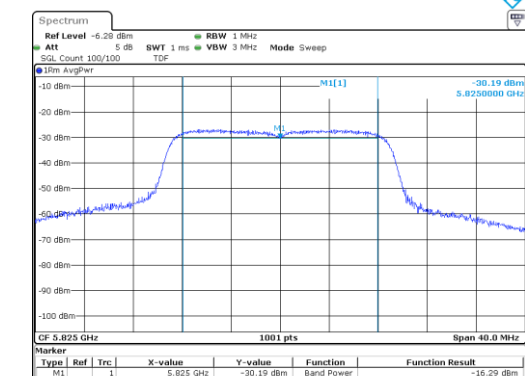
UNII-2C / 802.11n(HT20)/ 5 600 MHz



UNII-3 / 802.11n(HT20)/ 5 785 MHz



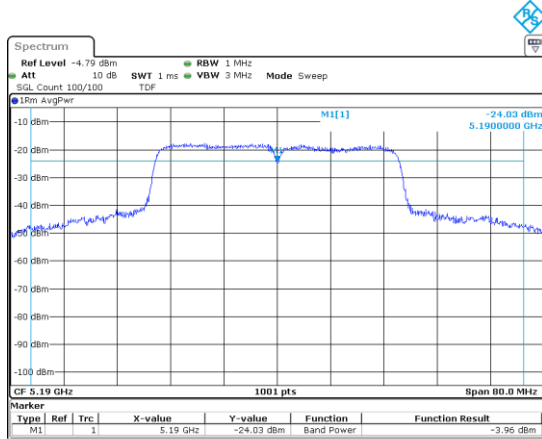
UNII-2C / 802.11n(HT20)/ 5 700 MHz



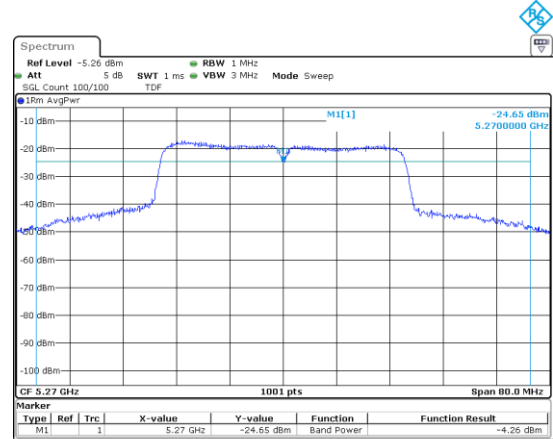
UNII-3 / 802.11n(HT20)/ 5 825 MHz



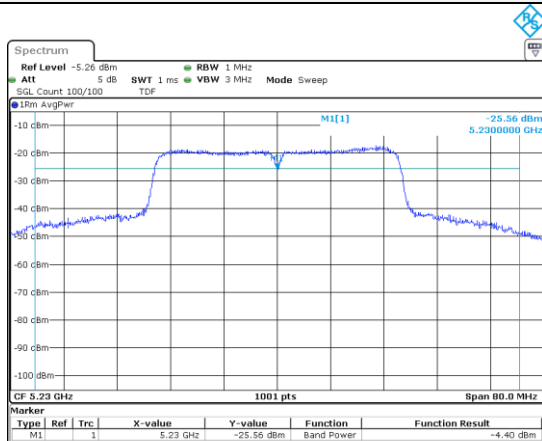
5.3.2.3 Measured Graph for 802.11n(HT40) Test Data



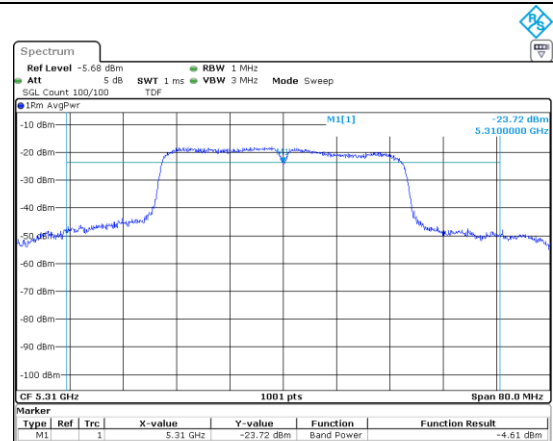
UNII-1 / 802.11n(HT40)/ 5 190 MHz



UNII-2A / 802.11n(HT40)/ 5 270 MHz



UNII-1 / 802.11n(HT40)/ 5 230 MHz



UNII-2A / 802.11n(HT40)/ 5 310 MHz