



FCC RF Test Report

APPLICANT : Lenovo(Shanghai) Electronics Technology Co., Ltd.
EQUIPMENT : Portable Tablet Computer
BRAND NAME : Lenovo
MODEL NAME : TB361FU
FCC ID : O57TB361FU
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Jun. 04, 2025 ~ Jun. 24, 2025

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



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SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit for U-NII-1/2A/2C	Limit for U-NII-3	Result	Remark
3.1	2.1049 & 15.403(i)	6dB, 26dB & 99% Bandwidth	-	6dB Bandwidth > 500kHz	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	≤ 30 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	≤ 30 dBm/500kHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	15.407(b)(4)(i) & 15.209(a)	Pass	Under limit 3.22 dB at 5350.37 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 15.14 dB at 1.527 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	15.203 & 15.407(a)	Pass	-

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

Lenovo(Shanghai) Electronics Technology Co., Ltd.

Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone

1.2 Manufacturer

Lenovo PC HK Limited

23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Portable Tablet Computer
Brand Name	Lenovo
Model Name	TB361FU
FCC ID	O57TB361FU
SN Code	Conducted: HA266Q7J Conduction: HA26JC8M Radiation: HA266N3W for Sample 1 HA267MAR for Sample 2
HW Version	TB361FU
SW Version	Lenovo ZUI 17.0
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are five types of EUT, for the differences please refer the product equality declaration exhibit submitted. According to the difference, we choose sample 1 to full test and the sample 2 is verified RSE for the difference.



1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	<p><5180 MHz ~ 5240 MHz> 802.11a : 17.33 dBm / 0.0541 W 802.11n HT20 : 17.15 dBm / 0.0519 W 802.11n HT40 : 17.31 dBm / 0.0538 W 802.11ac VHT20: 17.24 dBm / 0.0530 W 802.11ac VHT40: 17.35 dBm / 0.0543 W 802.11ac VHT80: 12.48 dBm / 0.0177 W</p> <p><5260 MHz ~ 5320 MHz> 802.11a : 17.64 dBm / 0.0581 W 802.11n HT20 : 17.23 dBm / 0.0528 W 802.11n HT40 : 17.79 dBm / 0.0601 W 802.11ac VHT20: 17.30 dBm / 0.0537 W 802.11ac VHT40: 17.79 dBm / 0.0601 W 802.11ac VHT80: 12.15 dBm / 0.0164 W</p> <p><5500 MHz ~ 5720 MHz > 802.11a : 16.63 dBm / 0.0460 W 802.11n HT20 : 16.40 dBm / 0.0437 W 802.11n HT40 : 16.54 dBm / 0.0451 W 802.11ac VHT20: 16.50 dBm / 0.0447 W 802.11ac VHT40: 16.55 dBm / 0.0452 W 802.11ac VHT80: 16.39 dBm / 0.0436 W</p> <p><5745 MHz ~ 5825 MHz> 802.11a : 18.57 dBm / 0.0719 W 802.11n HT20 : 17.95 dBm / 0.0624 W 802.11n HT40 : 17.91 dBm / 0.0618 W 802.11ac VHT20: 17.95 dBm / 0.0624 W 802.11ac VHT40: 17.96 dBm / 0.0625 W 802.11ac VHT80: 17.35 dBm / 0.0543 W</p>



<p>99% Occupied Bandwidth</p>	<p><5180 MHz ~ 5240 MHz> 802.11a : 17.706 MHz 802.11ac VHT20 : 18.486 MHz 802.11ac VHT40 : 37.011 MHz 802.11ac VHT80 : 76.383 MHz <5260 MHz ~ 5320 MHz> 802.11a : 17.592 MHz 802.11ac VHT20 : 18.391 MHz 802.11ac VHT40 : 37.163 MHz 802.11ac VHT80 : 76.459 MHz <5500 MHz ~ 5720 MHz> 802.11a : 17.592 MHz 802.11ac VHT20 : 18.353 MHz 802.11ac VHT40 : 36.706 MHz 802.11ac VHT80 : 76.230 MHz <5745 MHz ~ 5825 MHz> 802.11a : 17.687 MHz 802.11ac VHT20 : 18.505 MHz 802.11ac VHT40 : 36.668 MHz 802.11ac VHT80 : 76.078 MHz</p>
<p>Antenna Type / Gain</p>	<p><5180 MHz ~ 5240 MHz> PIFA Antenna with gain -0.43 dBi <5260 MHz ~ 5320 MHz> PIFA Antenna with gain -0.23 dBi <5500 MHz ~ 5720 MHz> PIFA Antenna with gain -0.36 dBi <5745 MHz ~ 5825 MHz> PIFA Antenna with gain -1.12 dBi</p>
<p>Type of Modulation</p>	<p>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)</p>

Note: For 802.11n/11ac mode, the whole testing have assessed only 802.11ac VHT20/VHT40 by referring to the higher output power.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.



1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH03-KS TH01-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	TH01-KS	Tonscend	JS1120-3 test system China_210602	3.3.10
2.	03CH03-KS	AUDIX	E3	210616
3.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z of EUT for Adapter mode/Earphone mode and Laptop mode. The worst cases open status (Z plane with Adapter mode) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5180-5240 MHz U-NII-1	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210	-	-

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5260-5320 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290	-	-

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5500-5720MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5745-5825 MHz U-NII-3	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825



Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710	-	-

Note:

1. The above Frequency and Channel in "*" are 40MHz bandwidth.
2. The above Frequency and Channel in "#" are 80MHz bandwidth.

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

AC	Mode 1 : BT Link + WLAN Link(5G) + USB Cable 2 (Charging From Adapter2)
Conducted Emission	
Remark: For Radiated Test Cases, The tests were performance with Adapter 2 and USB Cable2.	

RSE Co-location
Bluetooth-LE_GSKF CH38 2478 + 802.11ac VHT40 CH54 5270



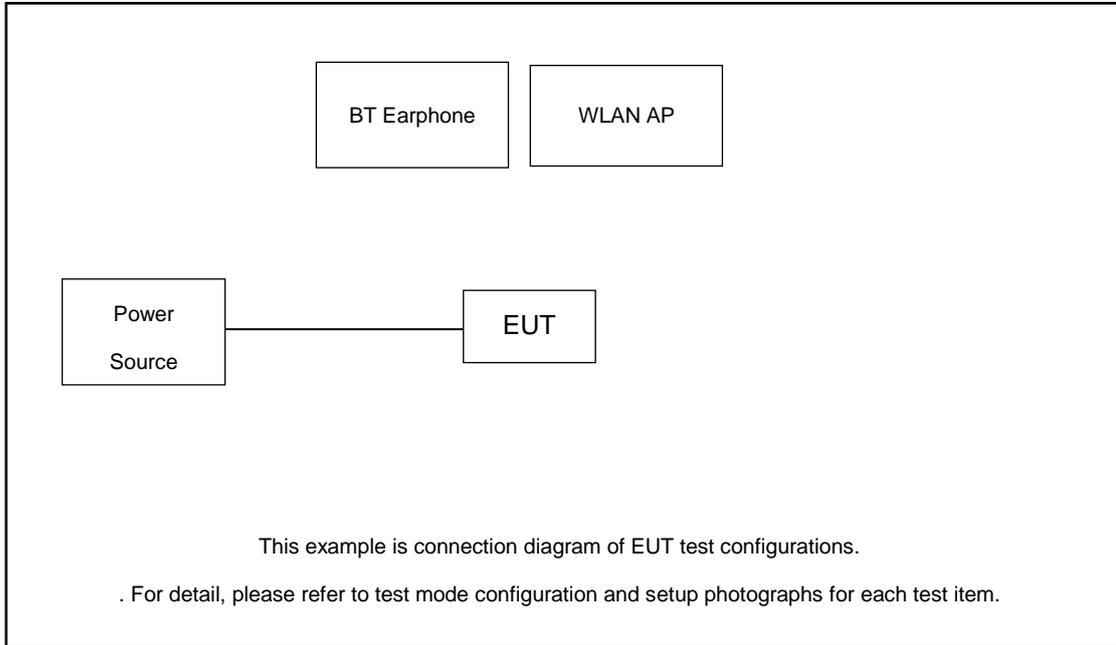
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		20M BW	20M BW	20M BW	20M BW
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165
Straddle		-	-	144	-

Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		40M BW	40M BW	40M BW	40M BW
L	Low	38	54	102	151
M	Middle	-	-	110	-
H	High	46	62	134	159
Straddle		-	-	142	-

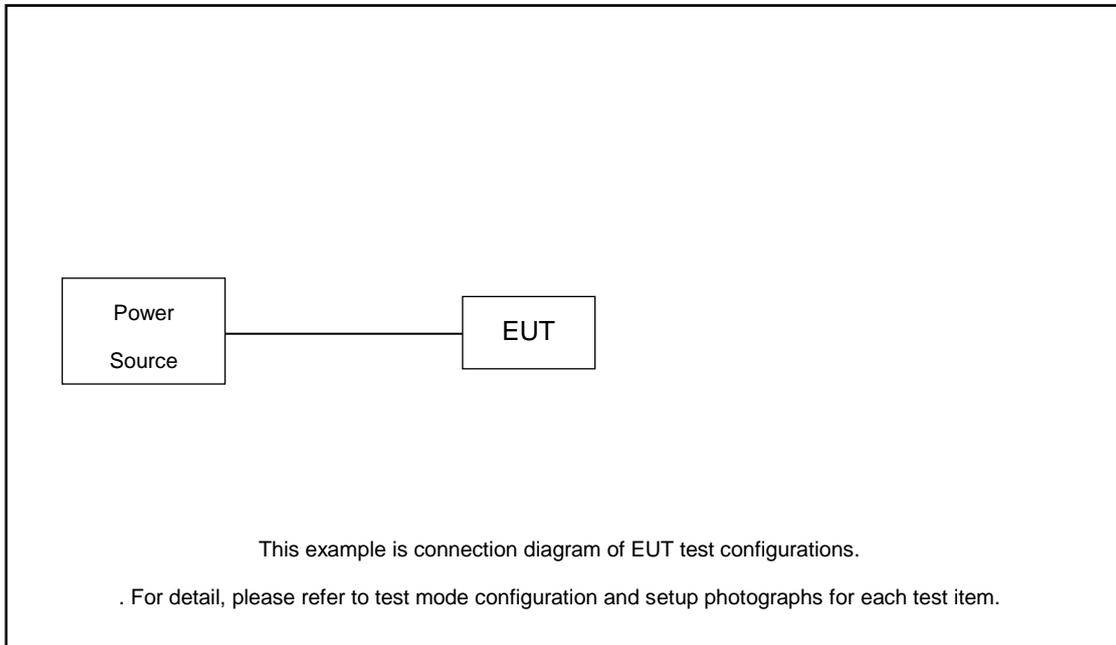
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		80M BW	80M BW	80M BW	80M BW
L	Low	-	-	106	-
M	Middle	42	58	-	155
H	High	-	-	-	-
Straddle		-	-	138	-

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:





2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuously transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

$$\text{Offset} = \text{RF cable loss} + \text{attenuator factor}.$$

Following shows an offset computation example with cable loss 6.01 dB and 20dB attenuator.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 6.01 + 20 = 26.01 \text{ (dB)} \end{aligned}$$



3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

3.1.2 Measuring Instruments

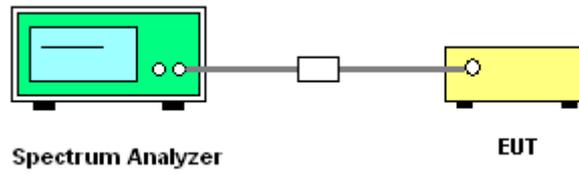
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

<input checked="" type="checkbox"/>	Section C) Bandwidth Measurement 1. Emission Bandwidth (EBW) and 99% OBW
	<ol style="list-style-type: none"> Set RBW = approximately 1% of the emission bandwidth. Set the VBW > RBW. Detector = Peak. Trace mode = max hold Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set to 1%~5% of the OBW and set the Video bandwidth (VBW) ≥ 3 * RBW. Measure and record the results in the test report.
<input checked="" type="checkbox"/>	Section C) Bandwidth Measurement 2. Minimum Emission Bandwidth for the band 5.725 - 5.85 GHz
	<ol style="list-style-type: none"> Set RBW = 100kHz. Set the VBW ≥ 3 x RBW. Detector = Peak. Trace mode = max hold Measure the maximum width of the emission that is 6 dB down from the peak of the emission. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log_{10} B$, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

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3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

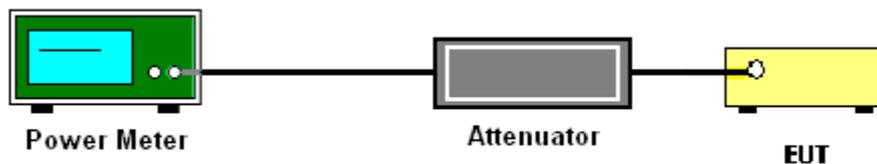
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup





3.2.5 Test Result of Maximum Conducted Output Power

FCC U-NII-1												
Mode							Power Setting	Average Conducted Power with duty factor(dBm)	Conducted Power Limit (dBm)	Gain(dBi)	EIRP Power (dBm)	Pass/Fail
Band	SISO	N _{TX}	Channel	Freq (MHz)	Data Rate	RU Config		Ant6	Ant6	Ant6	Ant6	
11a	SISO	1	36	5180	6Mbps	-	16.00	15.16	24.00	-0.43	14.73	Pass
11a	SISO	1	44	5220	6Mbps	-	17.50	17.29	24.00	-0.43	16.86	Pass
11a	SISO	1	48	5240	6Mbps	-	17.50	17.33	24.00	-0.43	16.90	Pass
HT20	SISO	1	36	5180	MCS0	-	16.50	15.62	24.00	-0.43	15.19	Pass
HT20	SISO	1	44	5220	MCS0	-	17.50	17.13	24.00	-0.43	16.70	Pass
HT20	SISO	1	48	5240	MCS0	-	17.50	17.15	24.00	-0.43	16.72	Pass
HT40	SISO	1	38	5190	MCS0	-	14.00	13.75	24.00	-0.43	13.32	Pass
HT40	SISO	1	46	5230	MCS0	-	17.50	17.31	24.00	-0.43	16.88	Pass
VHT20	SISO	1	36	5180	MCS0	-	16.50	16.03	24.00	-0.43	15.60	Pass
VHT20	SISO	1	44	5220	MCS0	-	17.50	17.18	24.00	-0.43	16.75	Pass
VHT20	SISO	1	48	5240	MCS0	-	17.50	17.24	24.00	-0.43	16.81	Pass
VHT40	SISO	1	38	5190	MCS0	-	14.00	13.66	24.00	-0.43	13.23	Pass
VHT40	SISO	1	46	5230	MCS0	-	17.50	17.35	24.00	-0.43	16.92	Pass
VHT80	SISO	1	42	5210	MCS0	-	12.50	12.48	24.00	-0.43	12.05	Pass

FCC U-NII-2A													
Mode							Power Setting	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	Gain(dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass/Fail
Band	SISO	N _{TX}	Channel	Freq (MHz)	Data Rate	RU Config		Ant6	Ant6	Ant6	Ant6	Ant6	
11a	SISO	1	52	5260	6Mbps	-	17.50	17.63	23.98	-0.23	17.40	26.99	Pass
11a	SISO	1	60	5300	6Mbps	-	17.50	17.64	24.00	-0.23	17.41	26.99	Pass
11a	SISO	1	64	5320	6Mbps	-	16.50	15.92	24.00	-0.23	15.69	26.99	Pass
HT20	SISO	1	52	5260	MCS0	-	17.50	17.23	24.00	-0.23	17.00	26.99	Pass
HT20	SISO	1	60	5300	MCS0	-	17.50	17.23	24.00	-0.23	17.00	26.99	Pass
HT20	SISO	1	64	5320	MCS0	-	16.50	15.78	24.00	-0.23	15.55	26.99	Pass
HT40	SISO	1	54	5270	MCS0	-	17.50	17.79	24.00	-0.23	17.56	26.99	Pass
HT40	SISO	1	62	5310	MCS0	-	13.00	12.87	24.00	-0.23	12.64	26.99	Pass
VHT20	SISO	1	52	5260	MCS0	-	17.50	17.30	24.00	-0.23	17.07	26.99	Pass
VHT20	SISO	1	60	5300	MCS0	-	17.50	17.25	24.00	-0.23	17.02	26.99	Pass
VHT20	SISO	1	64	5320	MCS0	-	16.50	16.16	24.00	-0.23	15.93	26.99	Pass
VHT40	SISO	1	54	5270	MCS0	-	17.50	17.79	24.00	-0.23	17.56	26.99	Pass
VHT40	SISO	1	62	5310	MCS0	-	13.00	12.85	24.00	-0.23	12.62	26.99	Pass
VHT80	SISO	1	58	5290	MCS0	-	12.00	12.15	24.00	-0.23	11.92	26.99	Pass



FCC U-NII-2C													
Mode							Power Setting	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	Gain(dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass/Fail
Band	SISO	N _{TX}	Channel	Freq (MHz)	Data Rate	RU Config		Ant6	Ant6	Ant6	Ant6	Ant6	
11a	SISO	1	100	5500	6Mbps	-	17.00	16.63	23.98	-0.36	16.27	26.99	Pass
11a	SISO	1	116	5580	6Mbps	-	17.00	16.47	23.97	-0.36	16.11	26.99	Pass
11a	SISO	1	140	5700	6Mbps	-	14.50	13.88	23.97	-0.36	13.52	26.99	Pass
11a	SISO	1	144	5720	6Mbps	-	17.00	16.53	23.98	-0.36	16.17	26.99	Pass
HT20	SISO	1	100	5500	MCS0	-	17.00	16.10	23.98	-0.36	15.74	26.99	Pass
HT20	SISO	1	116	5580	MCS0	-	17.00	16.35	23.98	-0.36	15.99	26.99	Pass
HT20	SISO	1	140	5700	MCS0	-	14.00	13.26	23.98	-0.36	12.90	26.99	Pass
HT20	SISO	1	144	5720	MCS0	-	17.00	16.40	23.98	-0.36	16.04	26.99	Pass
HT40	SISO	1	102	5510	MCS0	-	15.00	14.15	23.98	-0.36	13.79	26.99	Pass
HT40	SISO	1	110	5550	MCS0	-	17.00	16.43	23.98	-0.36	16.07	26.99	Pass
HT40	SISO	1	134	5670	MCS0	-	15.50	15.19	23.98	-0.36	14.83	26.99	Pass
HT40	SISO	1	142	5710	MCS0	-	17.00	16.54	23.98	-0.36	16.18	26.99	Pass
VHT20	SISO	1	100	5500	MCS0	-	17.00	16.44	23.98	-0.36	16.08	26.99	Pass
VHT20	SISO	1	118	5580	MCS0	-	17.00	16.50	23.98	-0.36	16.14	26.99	Pass
VHT20	SISO	1	140	5700	MCS0	-	14.00	13.64	23.98	-0.36	13.28	26.99	Pass
VHT20	SISO	1	144	5720	MCS0	-	17.00	16.48	23.98	-0.36	16.12	26.99	Pass
VHT40	SISO	1	102	5510	MCS0	-	15.00	14.57	23.98	-0.36	14.21	26.99	Pass
VHT40	SISO	1	110	5550	MCS0	-	17.00	16.44	23.98	-0.36	16.08	26.99	Pass
VHT40	SISO	1	134	5670	MCS0	-	15.50	15.19	23.98	-0.36	14.83	26.99	Pass
VHT40	SISO	1	142	5710	MCS0	-	17.00	16.55	23.98	-0.36	16.19	26.99	Pass
VHT80	SISO	1	106	5530	MCS0	-	14.00	13.39	23.98	-0.36	13.03	26.99	Pass
VHT80	SISO	1	122	5610	MCS0	-	16.00	15.55	23.98	-0.36	15.19	26.99	Pass
VHT80	SISO	1	138	5690	MCS0	-	17.00	16.39	23.98	-0.36	16.03	26.99	Pass

FCC-U-NII-3													
Mode							Power Setting	Average Conducted Power with duty factor(dBm)	Conducted Power Limit (dBm)	Gain(dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass/Fail
Band	SISO	N _{TX}	Channel	Freq (MHz)	Data Rate	RU Config		Ant6	Ant6	Ant6	Ant6	Ant6	
11a	SISO	1	149	5745	6Mbps	-	18.50	18.50	30.00	-1.12	17.38	36.00	Pass
11a	SISO	1	157	5785	6Mbps	-	18.50	18.52	30.00	-1.12	17.40	36.00	Pass
11a	SISO	1	165	5825	6Mbps	-	18.50	18.57	30.00	-1.12	17.45	36.00	Pass
HT20	SISO	1	149	5745	MCS0	-	18.50	17.95	30.00	-1.12	16.83	36.00	Pass
HT20	SISO	1	157	5785	MCS0	-	18.50	17.90	30.00	-1.12	16.78	36.00	Pass
HT20	SISO	1	165	5825	MCS0	-	18.50	17.88	30.00	-1.12	16.76	36.00	Pass
HT40	SISO	1	151	5755	MCS0	-	18.50	17.91	30.00	-1.12	16.79	36.00	Pass
HT40	SISO	1	159	5795	MCS0	-	18.50	17.85	30.00	-1.12	16.73	36.00	Pass
VHT20	SISO	1	149	5745	MCS0	-	18.50	17.93	30.00	-1.12	16.81	36.00	Pass
VHT20	SISO	1	157	5785	MCS0	-	18.50	17.95	30.00	-1.12	16.83	36.00	Pass
VHT20	SISO	1	159	5795	MCS0	-	18.50	17.88	30.00	-1.12	16.76	36.00	Pass
VHT40	SISO	1	151	5755	MCS0	-	18.50	17.94	30.00	-1.12	16.82	36.00	Pass
VHT40	SISO	1	159	5795	MCS0	-	18.50	17.96	30.00	-1.12	16.84	36.00	Pass
VHT80	SISO	1	155	5775	MCS0	-	18.00	17.35	30.00	-1.12	16.23	36.00	Pass



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.



3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.
Section F) Maximum power spectral density.

For devices operating in the bands UNII-1/2A/2C

Method SA-2

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW \geq 3 MHz.
- Number of points in sweep \geq 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

For devices operating in the band UNII-3

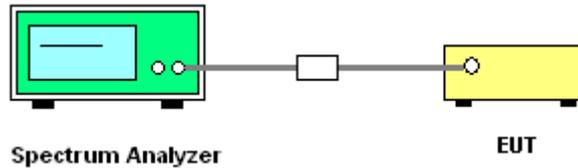
Method SA-2

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500KHz (or 300 kHz if the SA can't set RBW=500KHz).
- Set VBW \geq 1 MHz.
- Number of points in sweep \geq 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- If the SA can't set RBW=500KHz, then add $10 \log(500\text{kHz}/\text{RBW})$ to the test result.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part 15.205.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz .

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz . Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz .

- (2) For transmitters operating in the 5.725-5.85 GHz band:
15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.



(3) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

(4) EIRP (dBm)	Field Strength at 3m (dBµV/m)
- 27	68.2

Note: The following formula is used to convert the EIRP to field strength.

$$EIRP = E_{Meas} + 20\log (d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBµV/m

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

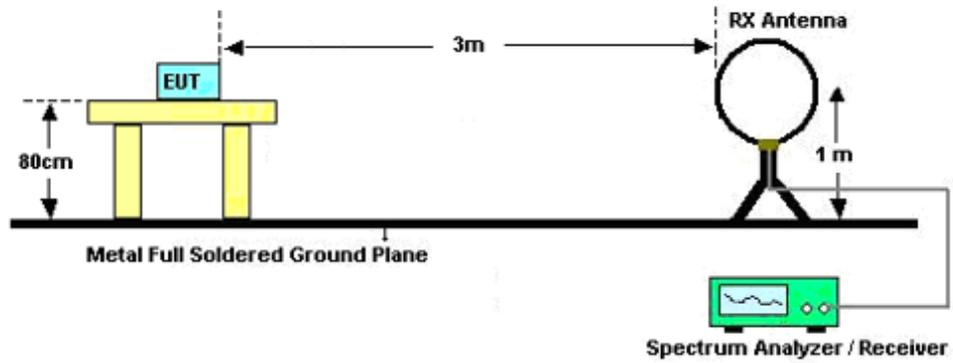


3.4.3 Test Procedures

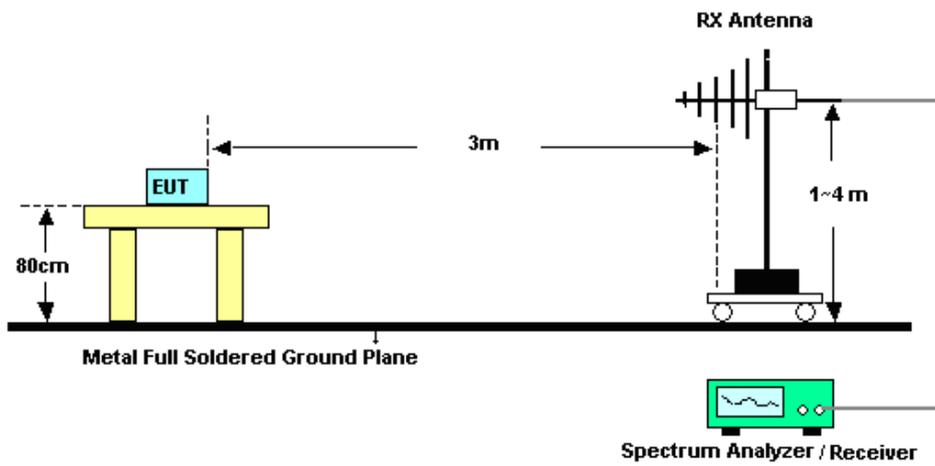
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW \geq 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

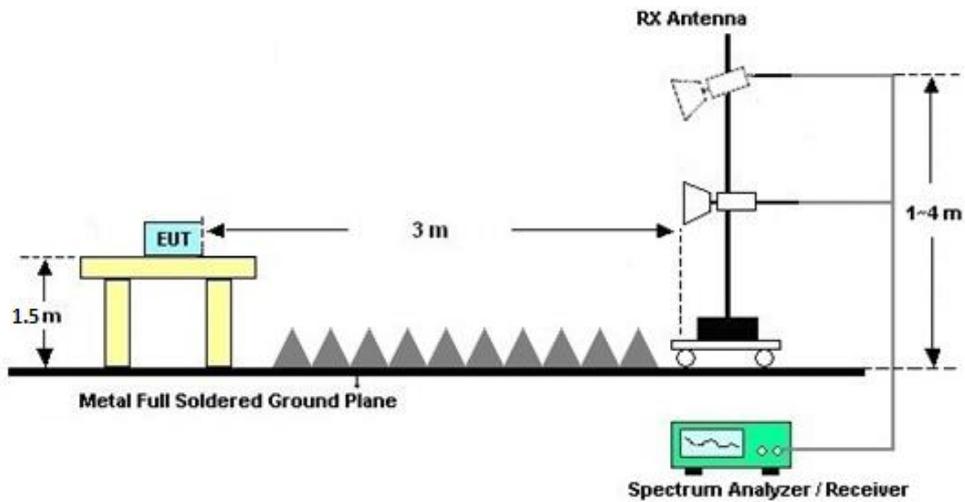
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

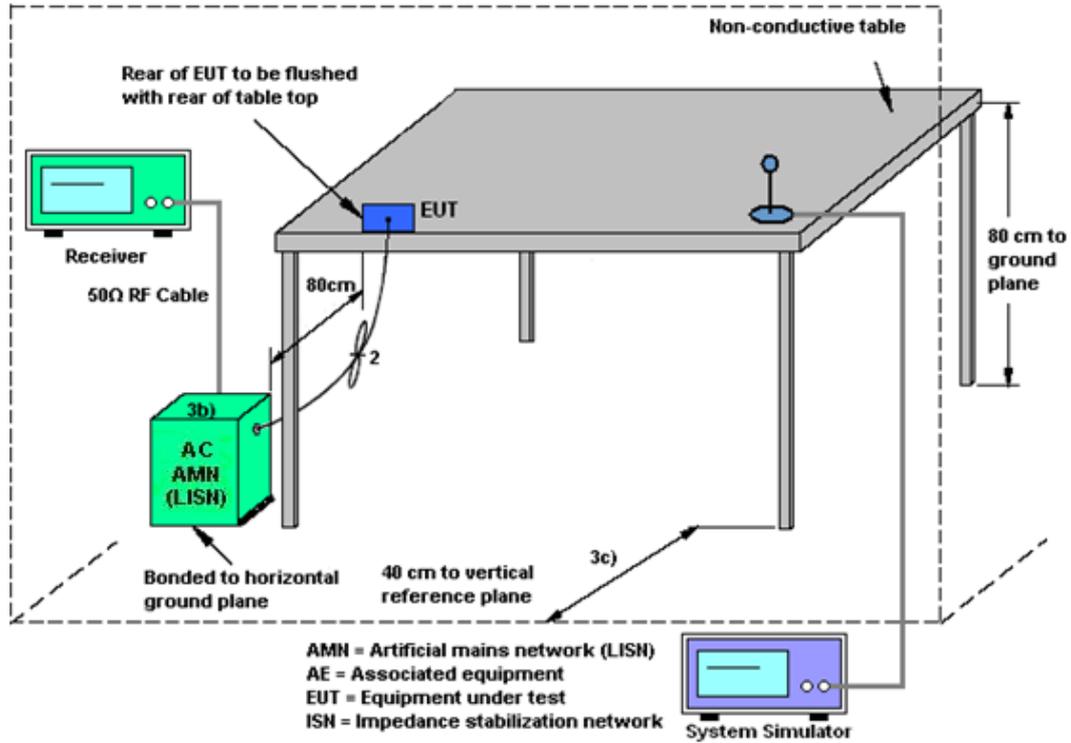
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2), if transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 16, 2025	Jun. 11, 2025	Apr. 15, 2026	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Aug. 20, 2024	Jun. 11, 2025	Aug. 19, 2025	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	Dec. 24, 2024	Jun. 11, 2025	Dec. 23, 2025	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP0000008 11	AC 0V~300V, 45Hz~1000Hz	Oct. 09, 2024	Jun. 11, 2025	Oct. 08, 2025	Conduction (CO01-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 10, 2024	Jun. 04, 2025~ Jun. 24, 2025	Oct. 09, 2025	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 02, 2025	Jun. 04, 2025~ Jun. 24, 2025	Jan. 01, 2026	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 02, 2025	Jun. 04, 2025~ Jun. 24, 2025	Jan. 01, 2026	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H201401144 0	-40~+150°C 20%~95%RH	Jul. 04, 2024	Jun. 04, 2025~ Jun. 24, 2025	Jul. 03, 2025	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Ma x 30dBm	Oct. 11, 2024	Jun. 17, 2025	Oct. 10, 2025	Radiation (03CH03-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz-44GHz	Apr. 18, 2025	Jun. 17, 2025	Apr. 17, 2026	Radiation (03CH03-KS)
Loop Antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Sep. 08, 2024	Jun. 17, 2025	Sep. 07, 2025	Radiation (03CH03-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Nov. 23, 2024	Jun. 17, 2025	Nov. 22, 2025	Radiation (03CH03-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00251982	1GHz~18GHz	Aug. 16, 2024	Jun. 17, 2025	Aug. 15, 2025	Radiation (03CH03-KS)
SHF-EHF Horn	com-power	AH-840	101116	18GHz~40GHz	Oct. 22, 2024	Jun. 17, 2025	Oct. 21, 2025	Radiation (03CH03-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 03, 2024	Jun. 17, 2025	Jul. 02, 2025	Radiation (03CH03-KS)
Amplifier	EM	EM18G40GA	060851	18~40GHz	Jan. 02, 2025	Jun. 17, 2025	Jan. 01, 2026	Radiation (03CH03-KS)
high gain Amplifier	EM	EM01G18GA	060834	1Ghz-18Ghz	Dec. 02, 2024	Jun. 17, 2025	Dec. 01, 2025	Radiation (03CH03-KS)
Amplifier	EM	EM01G18GA	EM	1GHz~26.5GHz	Oct. 09, 2024	Jun. 17, 2025	Oct. 08, 2025	Radiation (03CH03-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Jun. 17, 2025	NCR	Radiation (03CH03-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Jun. 17, 2025	NCR	Radiation (03CH03-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Jun. 17, 2025	NCR	Radiation (03CH03-KS)

NCR: No Calibration Required



5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Conducted Spurious Emission & Bandedge	±2.22 dB
Occupied Channel Bandwidth	±0.1%
Conducted Power	±0.50 dB
Conducted Power Spectral Density	±0.90 dB
Frequency	±0.04 Hz

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.84 dB
---	---------

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.30 dB
---	---------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.08 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.18 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.22 dB
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----- THE END -----



Appendix A. Conducted Test Results



Ambient Condition: <u>25</u> °C, <u>45</u> %RH
Test Date: <u>2025.6.04~2025.6.24</u> Test Engineer: <u>Jiang Jun</u>

Emission Bandwidth

Test Result

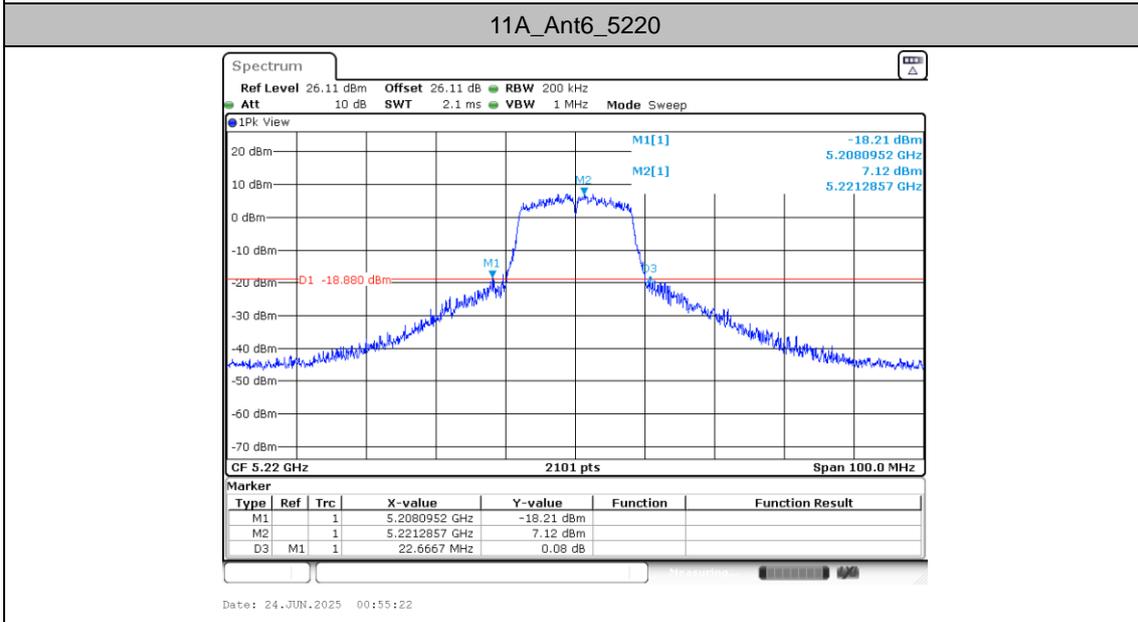
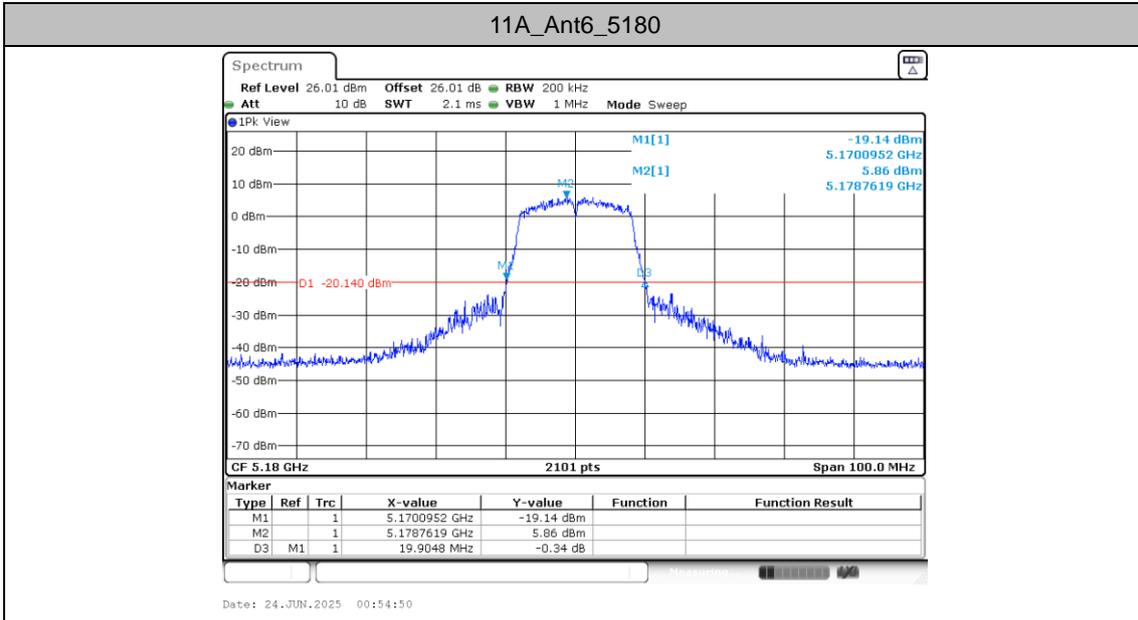
TestMode	Antenna	Freq(MHz)	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant6	5180	19.91	5170.10	5190.00	---	---
		5220	22.67	5208.10	5230.76	---	---
		5240	20.05	5230.24	5250.29	---	---
		5260	20.76	5249.48	5270.24	---	---
		5300	23.14	5288.10	5311.24	---	---
		5320	19.76	5310.19	5329.95	---	---
		5500	20.33	5489.67	5510.00	---	---
		5580	19.81	5570.14	5589.95	---	---
		5700	19.81	5690.19	5710.00	---	---
		5720	20.14	5710.10	5730.24	---	---
		5720_UNII-2C	14.9	5710.10	5725	---	---
		5720_UNII-3	5.24	5725	5730.24	---	---
		5745	23.24	5732.52	5755.76	---	---
		5785	24.81	5772.43	5797.24	---	---
5825	23.62	5814.00	5837.62	---	---		
11AC20SISO	Ant6	5180	21.43	5169.95	5191.38	---	---
		5220	21.71	5209.86	5231.57	---	---
		5240	20.33	5230.00	5250.33	---	---
		5260	20.57	5249.71	5270.29	---	---
		5300	20.00	5290.10	5310.10	---	---
		5320	20.14	5310.00	5330.14	---	---
		5500	20.24	5489.91	5510.14	---	---
		5580	20.10	5570.00	5590.10	---	---
		5700	20.14	5690.00	5710.14	---	---
		5720	20.05	5709.95	5730.00	---	---
		5720_UNII-2C	15.05	5709.95	5725	---	---
		5720_UNII-3	5	5725	5730.00	---	---
		5745	24.81	5733.05	5757.86	---	---
		5785	23.48	5773.48	5796.95	---	---
5825	24.19	5812.33	5836.52	---	---		
11AC40SISO	Ant6	5190	40.10	5170.10	5210.19	---	---
		5230	50.10	5208.29	5258.38	---	---
		5270	46.38	5246.38	5292.76	---	---
		5310	40.76	5289.71	5330.48	---	---
		5510	40.67	5489.71	5530.38	---	---
5550	40.86	5529.71	5570.57	---	---		



		5670	40.48	5649.91	5690.38	---	---
		5710	41.81	5689.62	5731.43	---	---
		5710_UNII-2C	35.38	5689.62	5725	---	---
		5710_UNII-3	6.43	5725	5731.43	---	---
		5755	49.24	5731.95	5781.19	---	---
		5795	46.95	5771.48	5818.43	---	---
11AC80SISO	Ant6	5210	80.95	5169.62	5250.57	---	---
		5290	81.14	5249.43	5330.57	---	---
		5530	80.95	5489.62	5570.57	---	---
		5610	80.95	5569.62	5650.57	---	---
		5690	83.43	5649.62	5733.05	---	---
		5690_UNII-2C	75.38	5649.62	5725	---	---
		5690_UNII-3	8.05	5725	5733.05	---	---
		5775	95.43	5726.43	5821.86	---	---

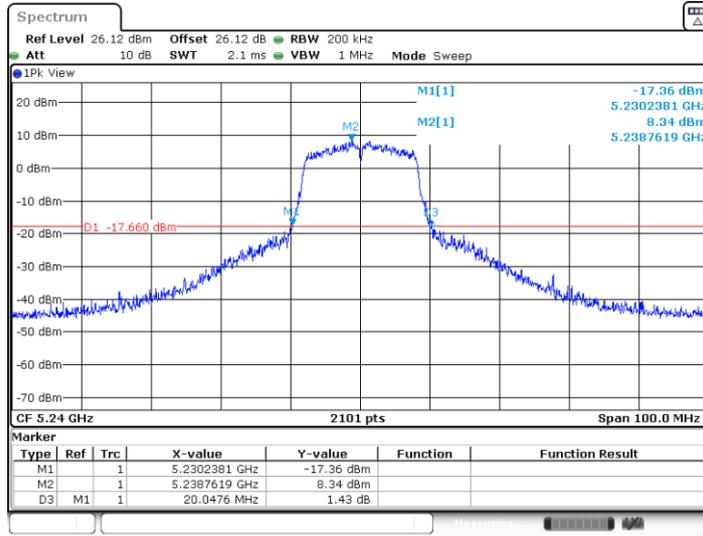


Test Graphs

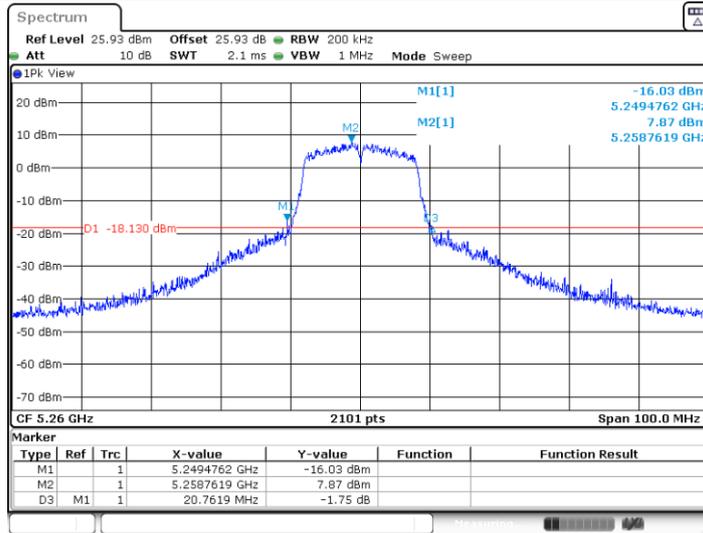




11A_Ant6_5240

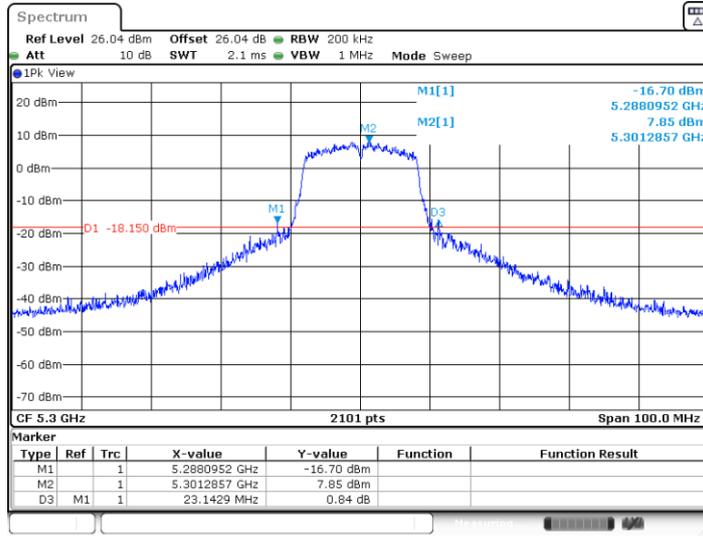


11A_Ant6_5260



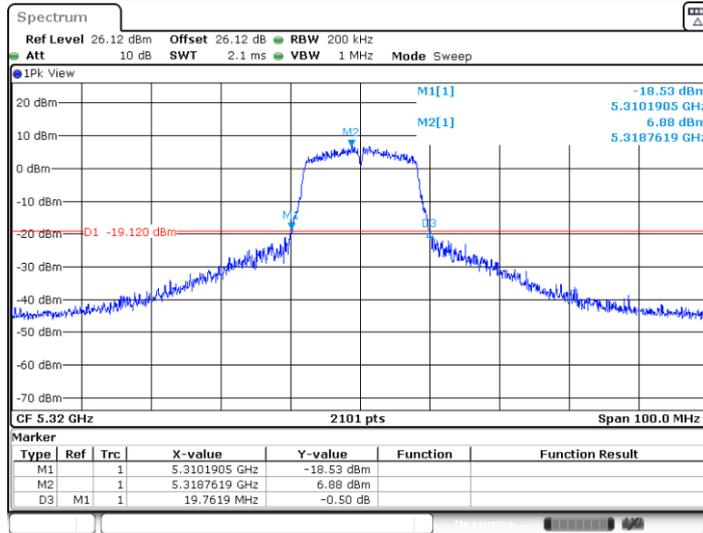


11A_Ant6_5300



Date: 24.JUN.2025 00:56:31

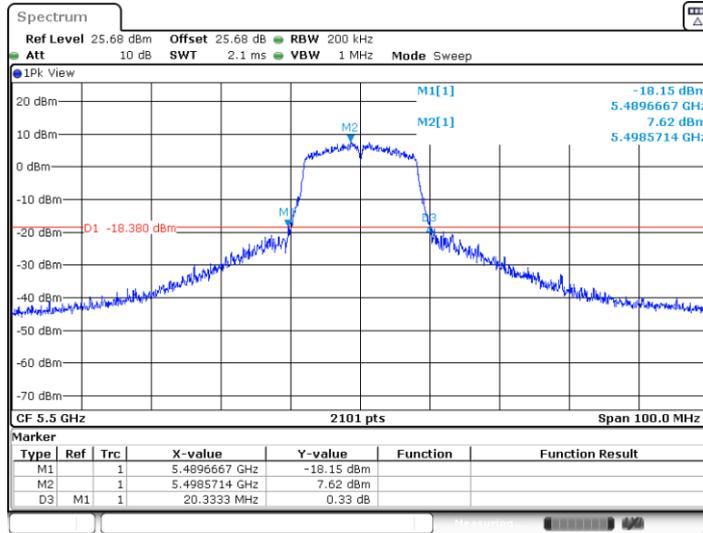
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Date: 24.JUN.2025 00:56:52

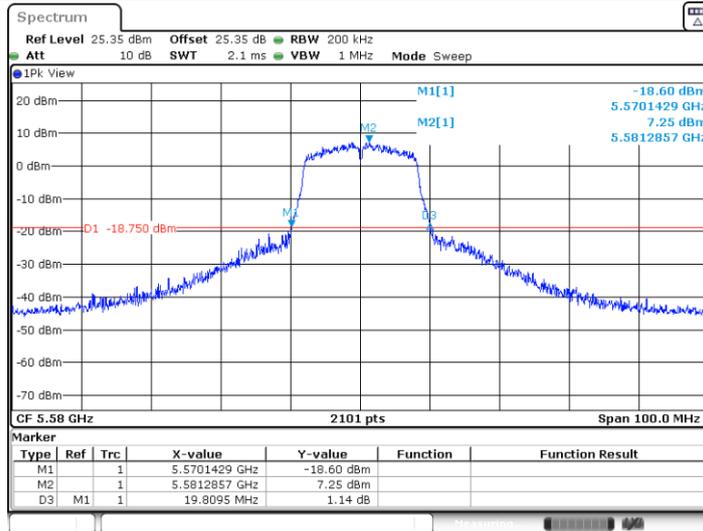


11A_Ant6_5500



Date: 24.JUN.2025 00:57:10

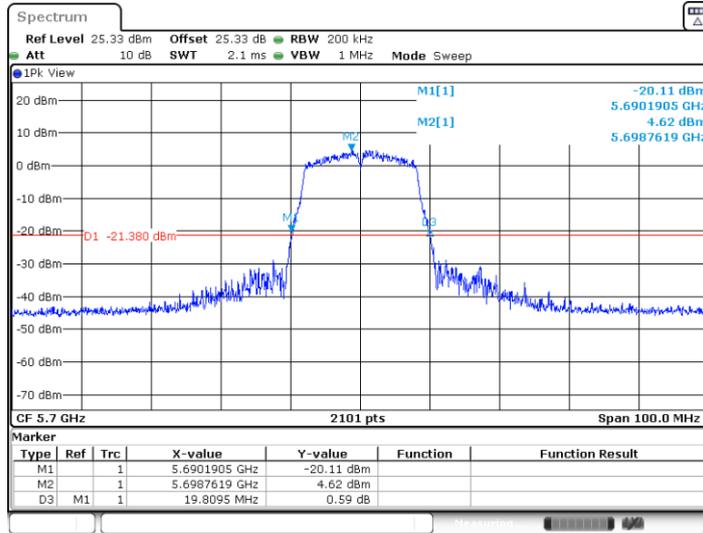
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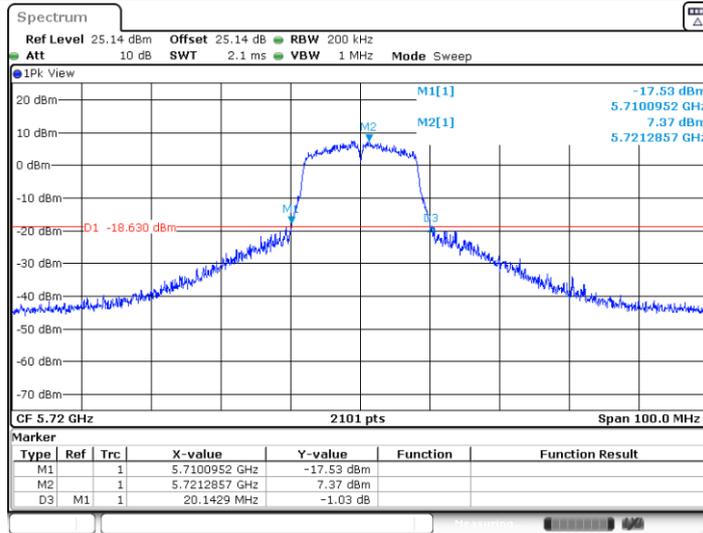
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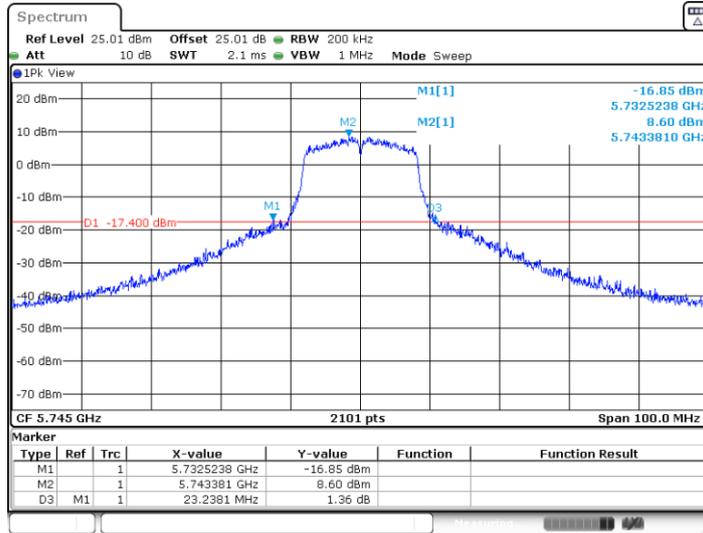


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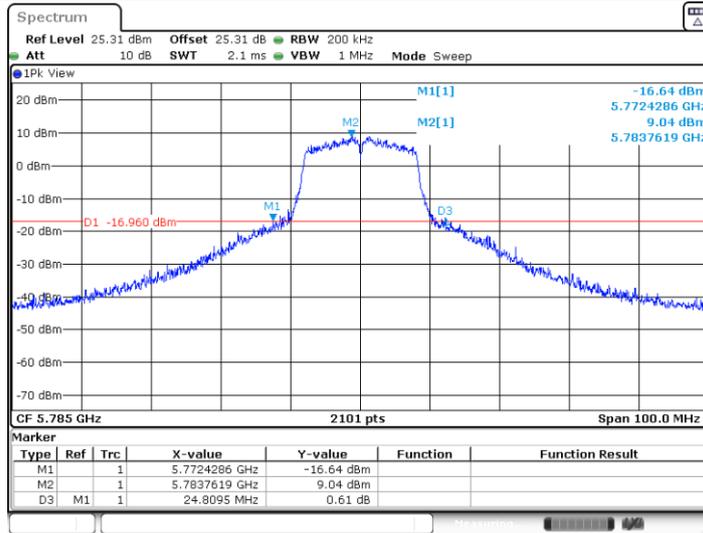




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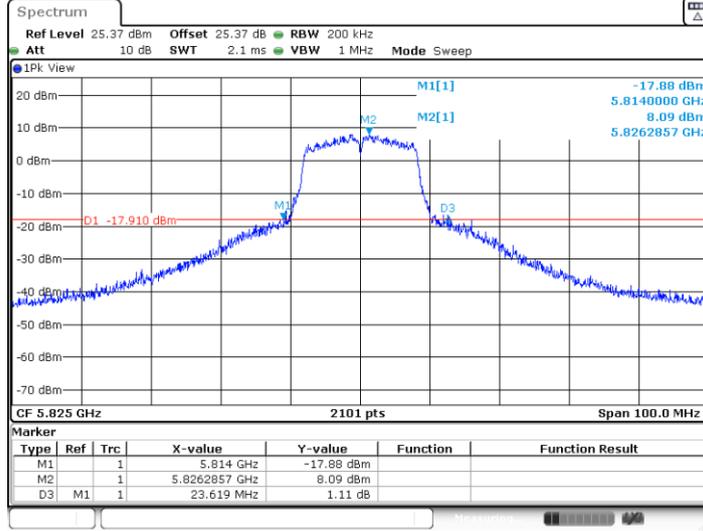


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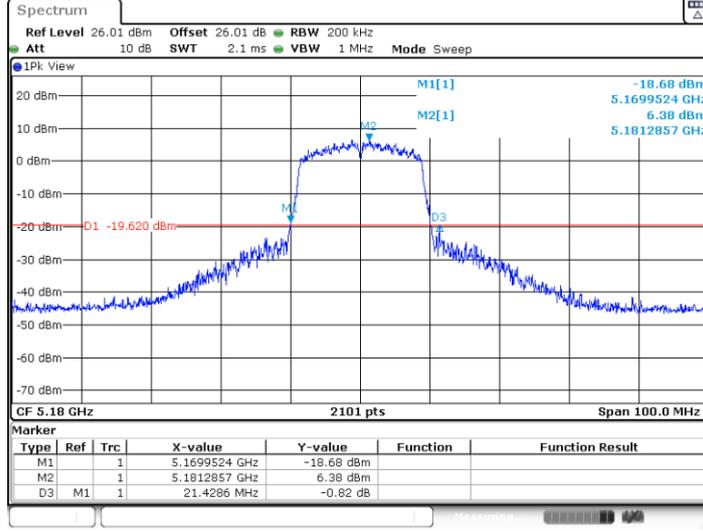




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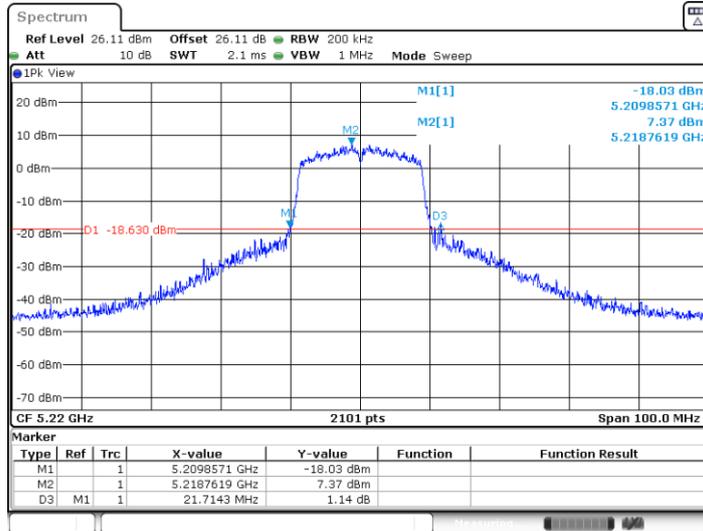


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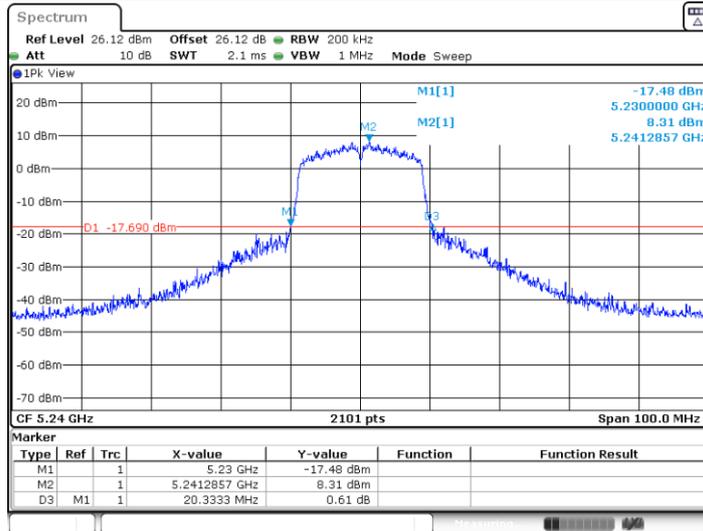


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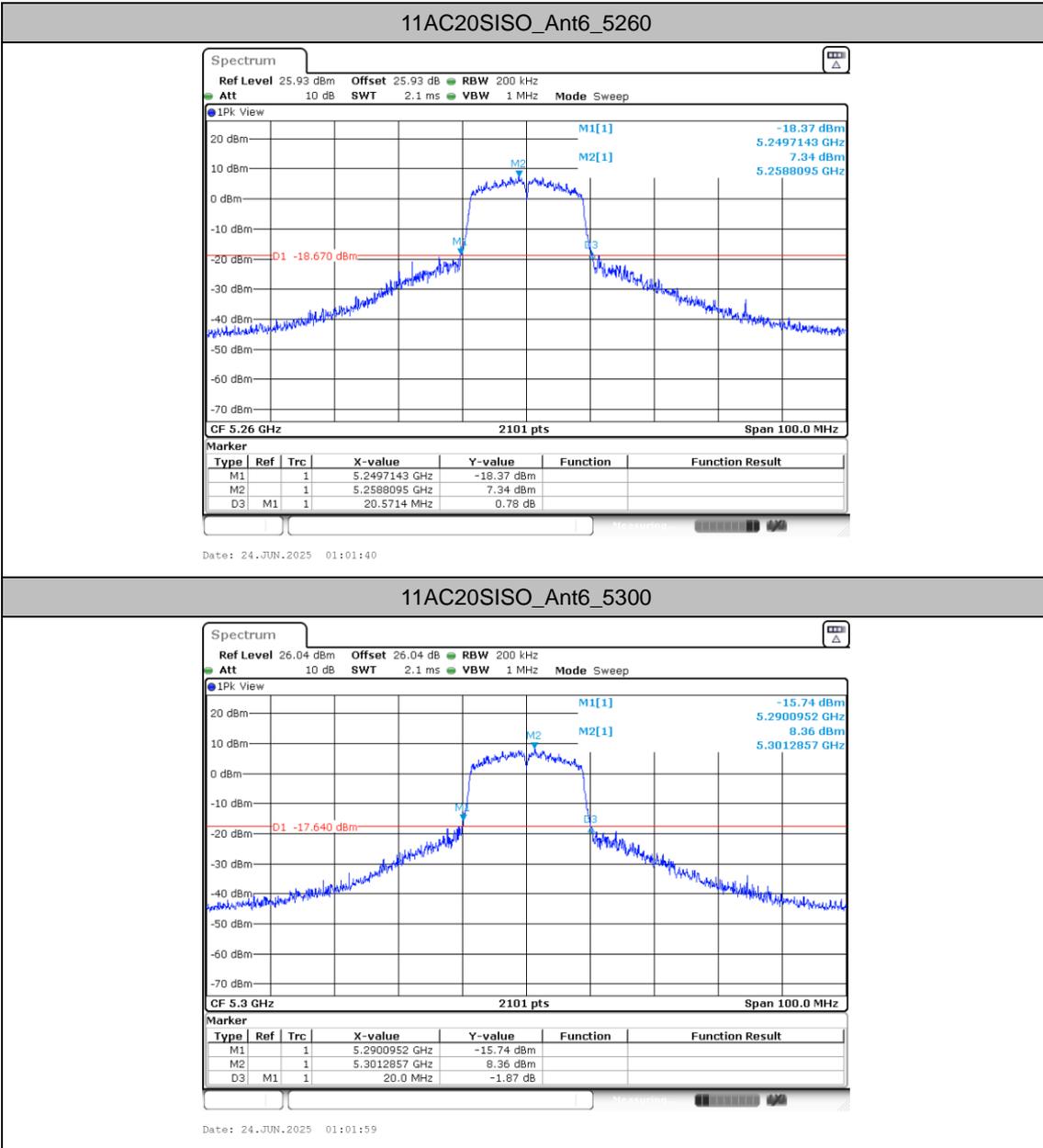


Date: 24.JUN.2025 01:01:07

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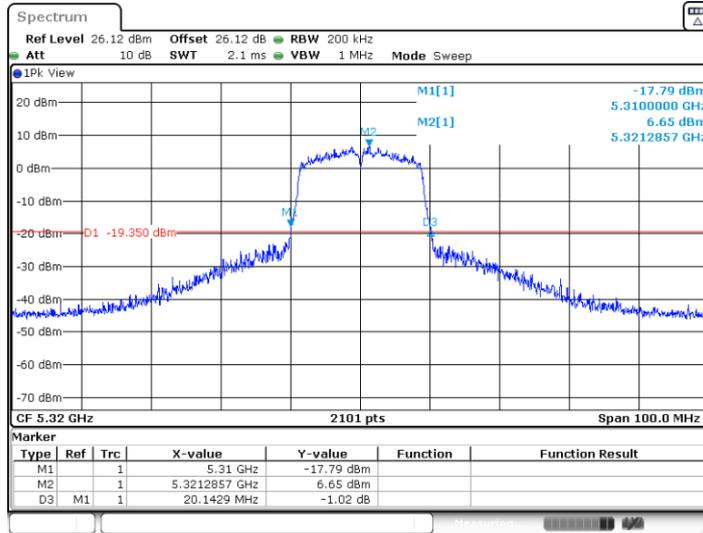


Date: 24.JUN.2025 01:01:25



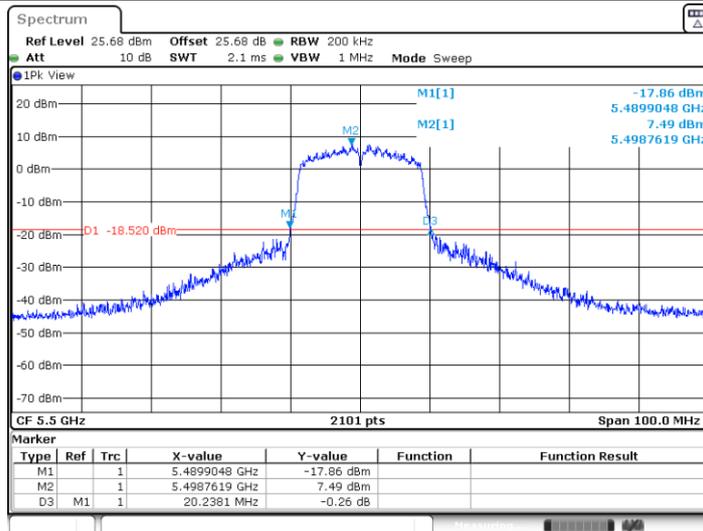


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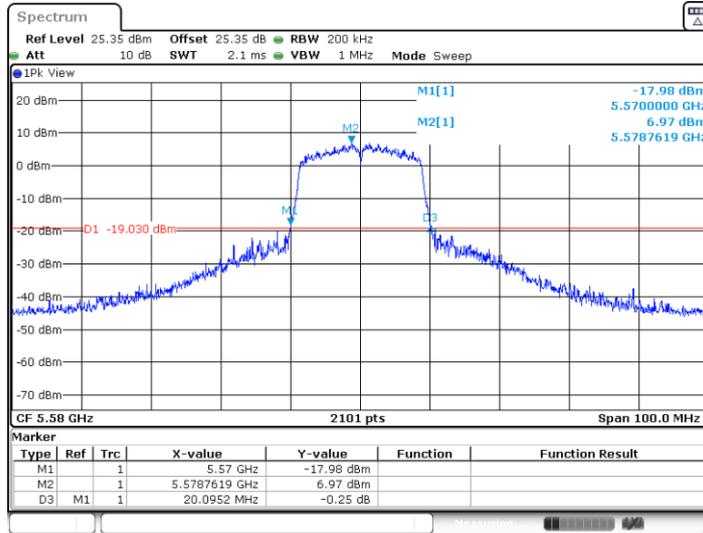
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Date: 24.JUN.2025 01:02:43

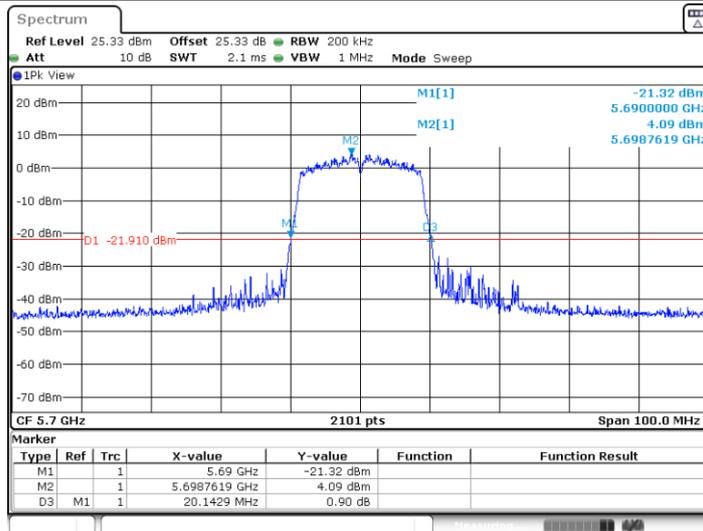


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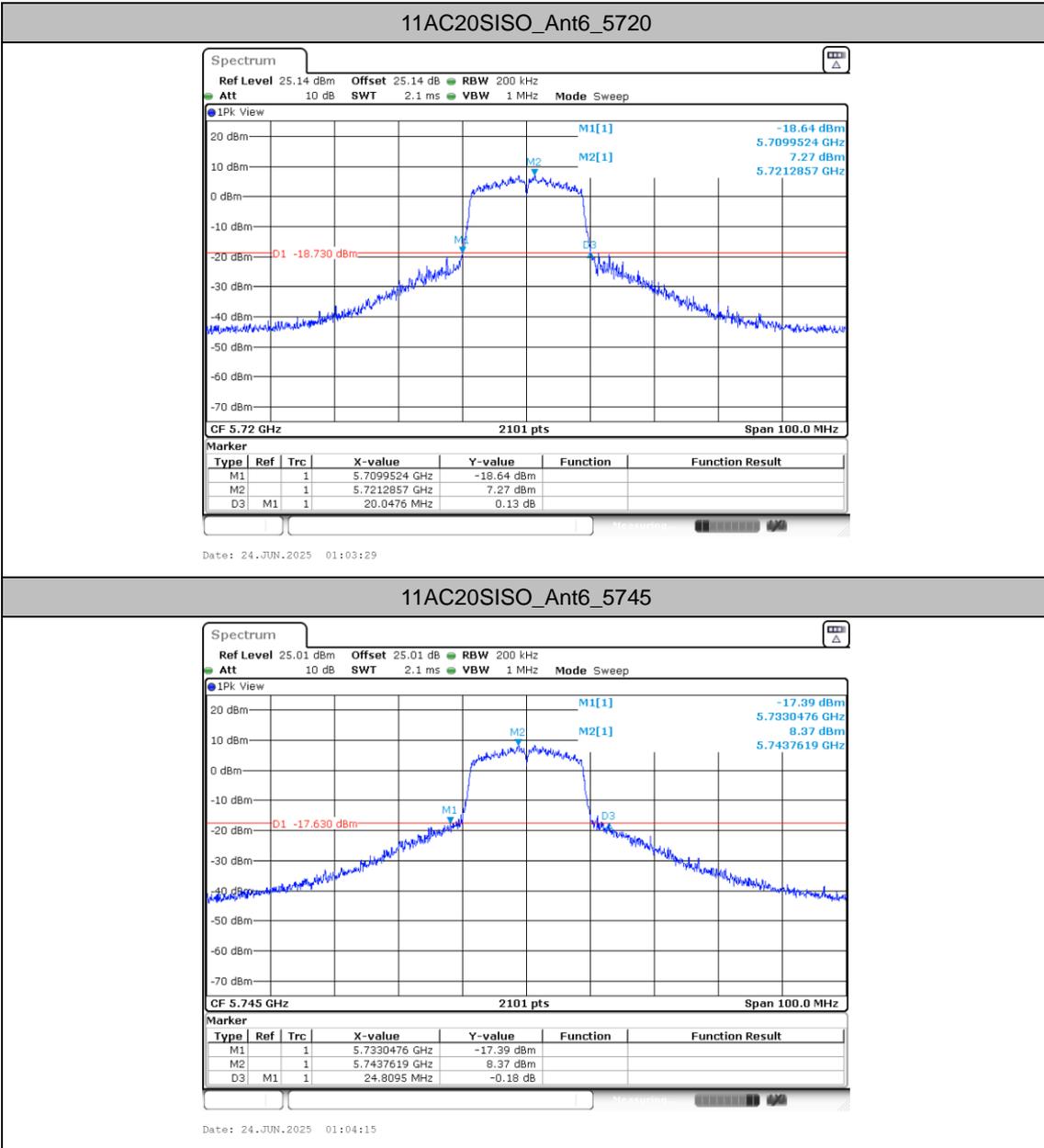


Date: 24.JUN.2025 01:02:58

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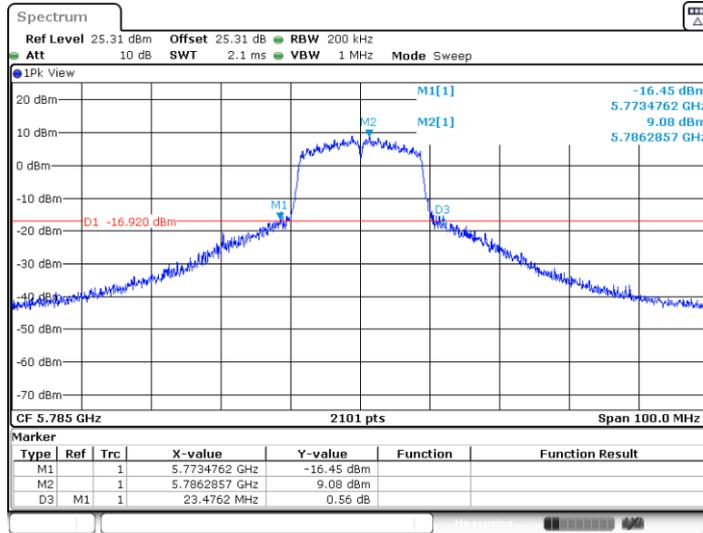


Date: 24.JUN.2025 01:03:14



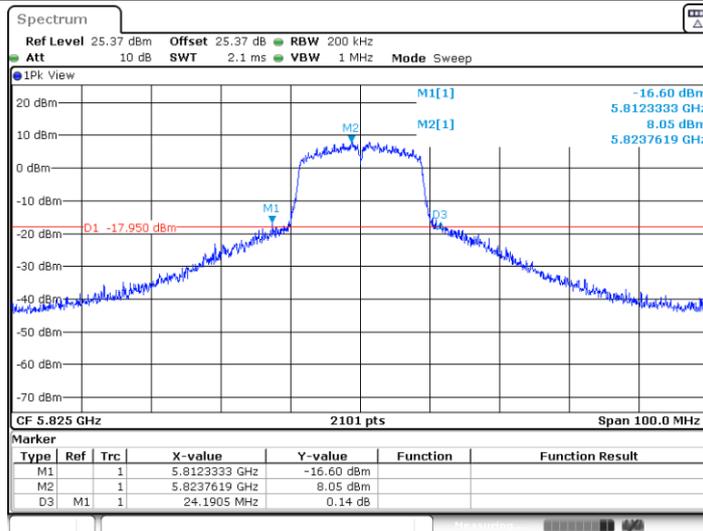


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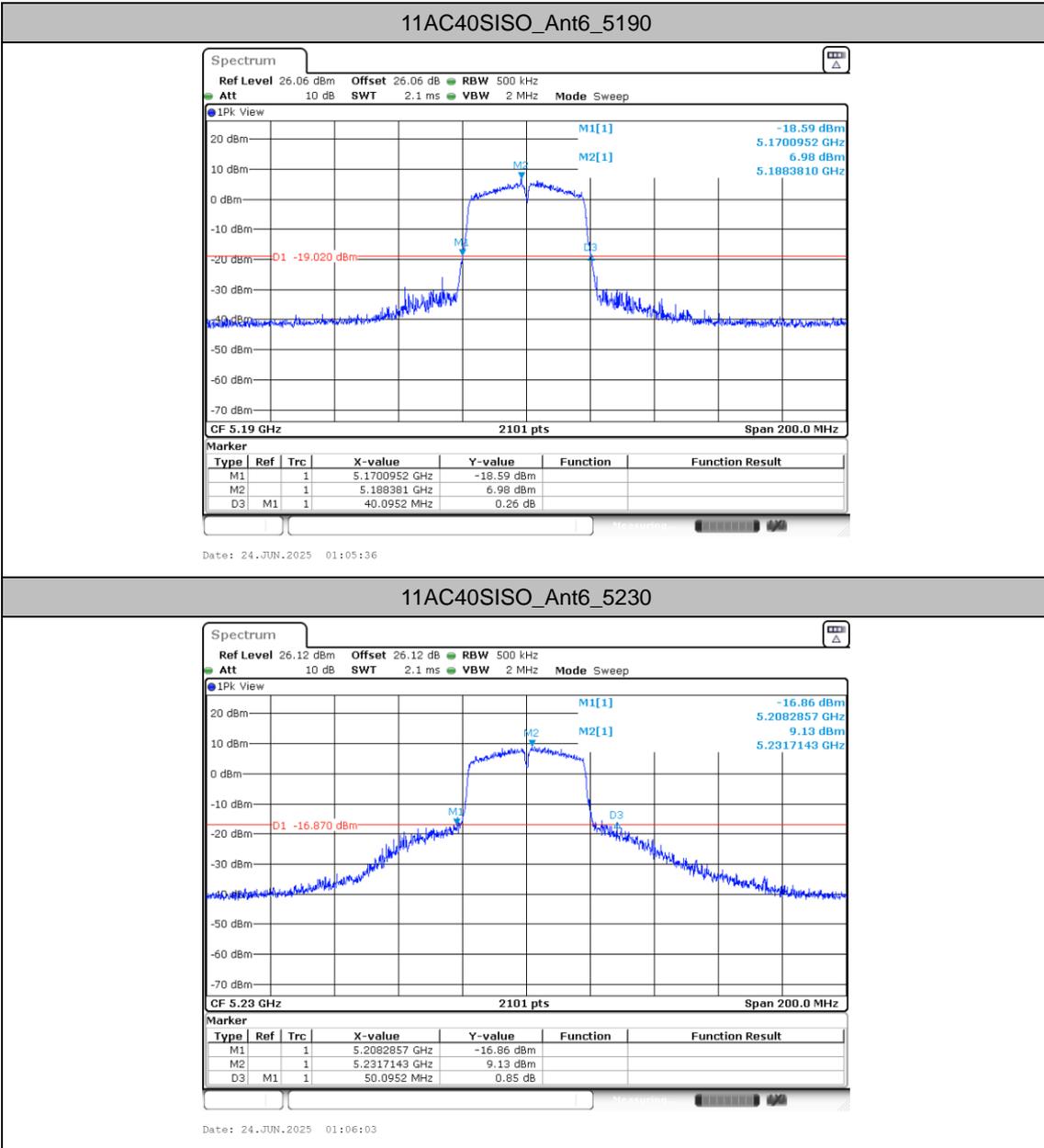


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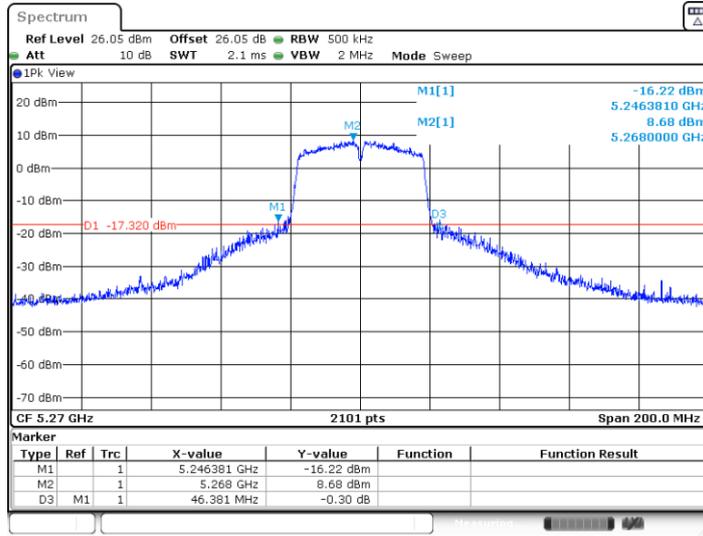


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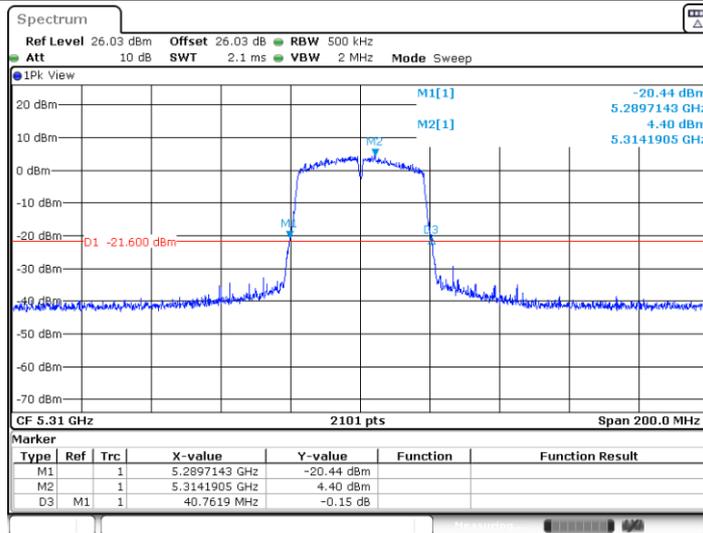


11AC40SISO_Ant6_5270



Date: 24.JUN.2025 01:06:51

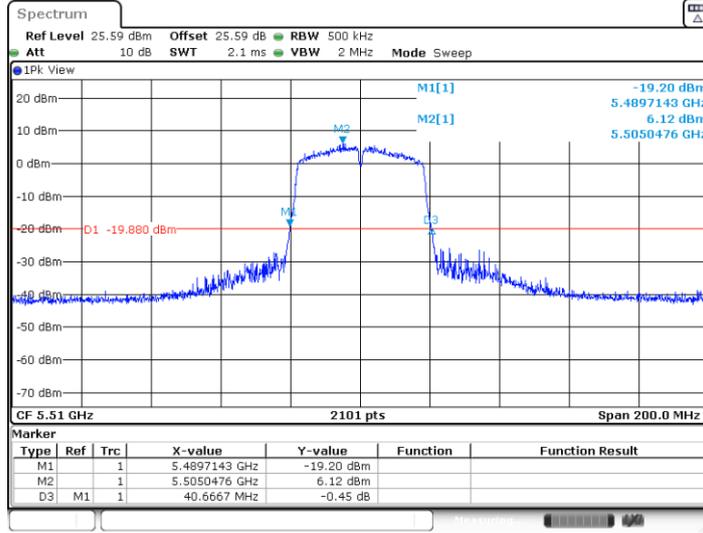
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Date: 24.JUN.2025 01:07:16

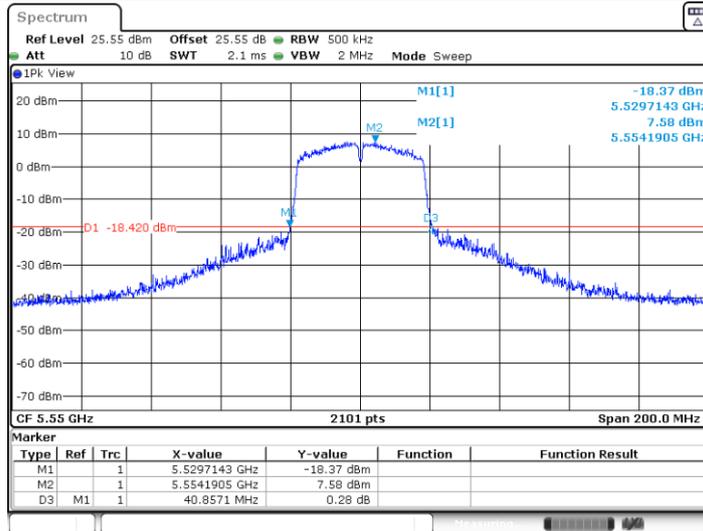


11AC40SISO_Ant6_5510



Date: 24.JUN.2025 01:07:40

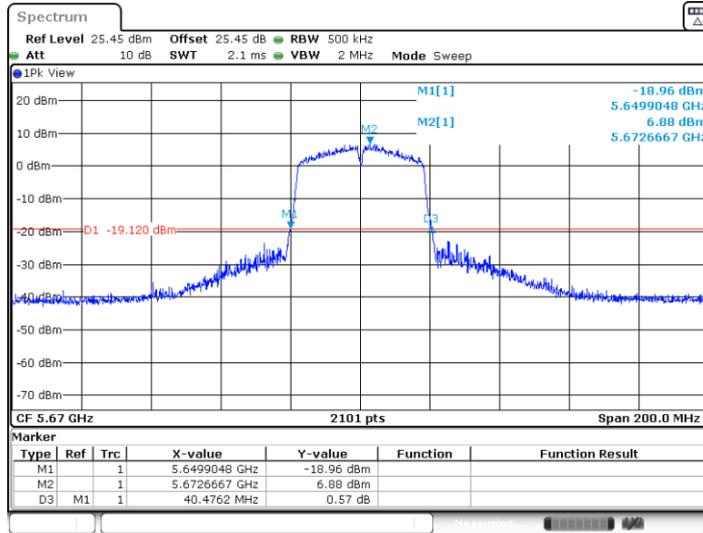
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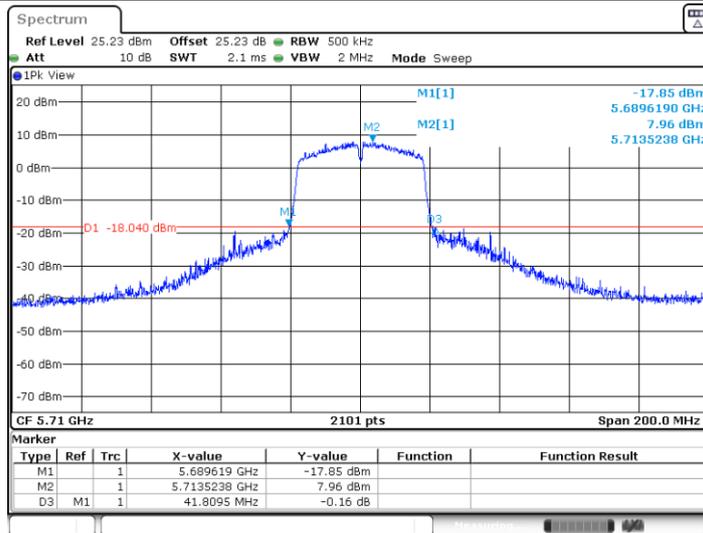


11AC40SISO_Ant6_5670



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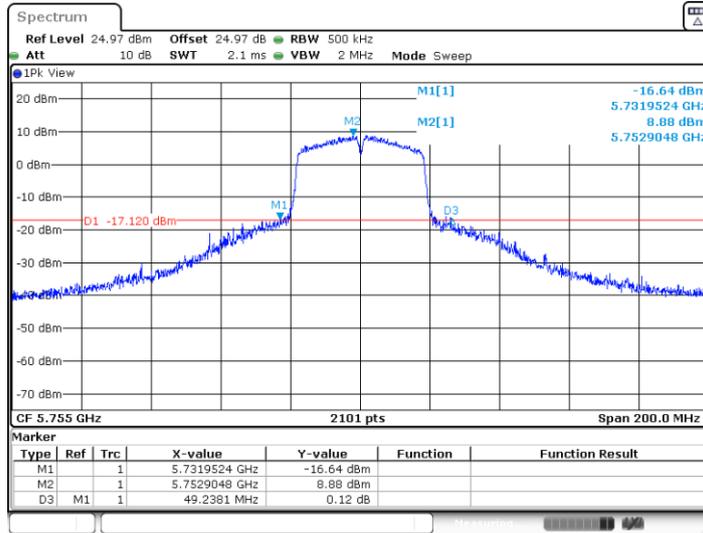
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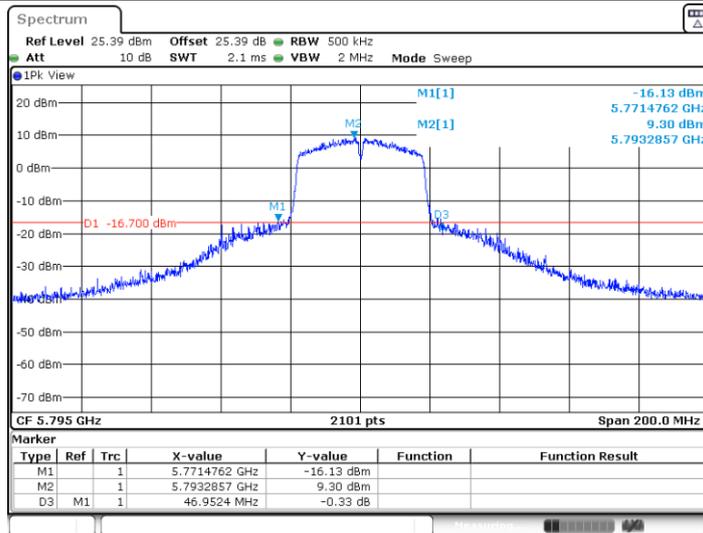
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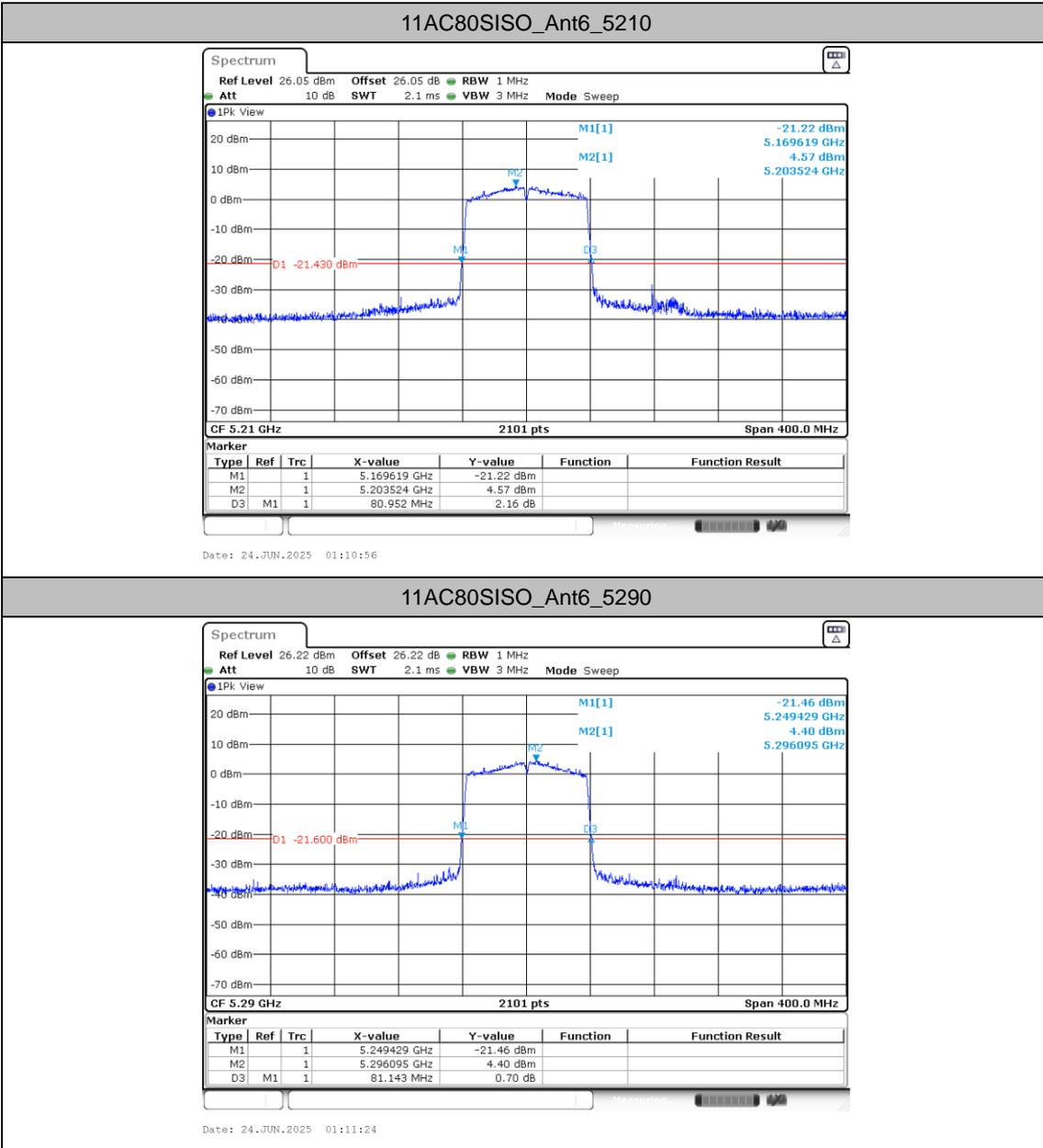


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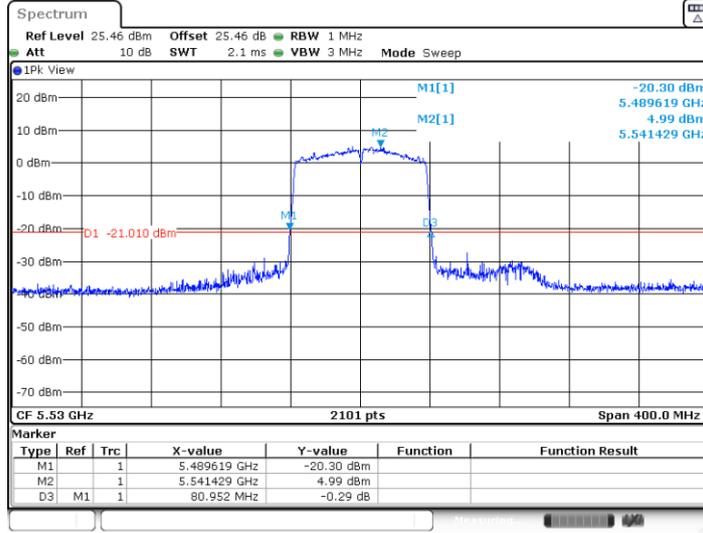
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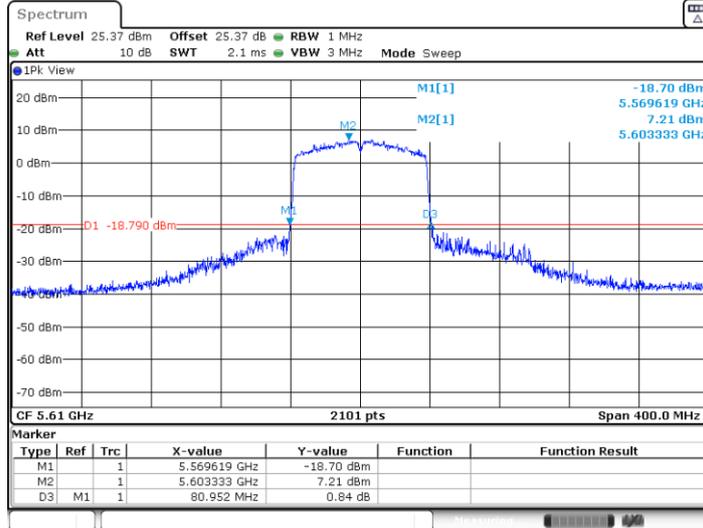


11AC80SISO_Ant6_5530



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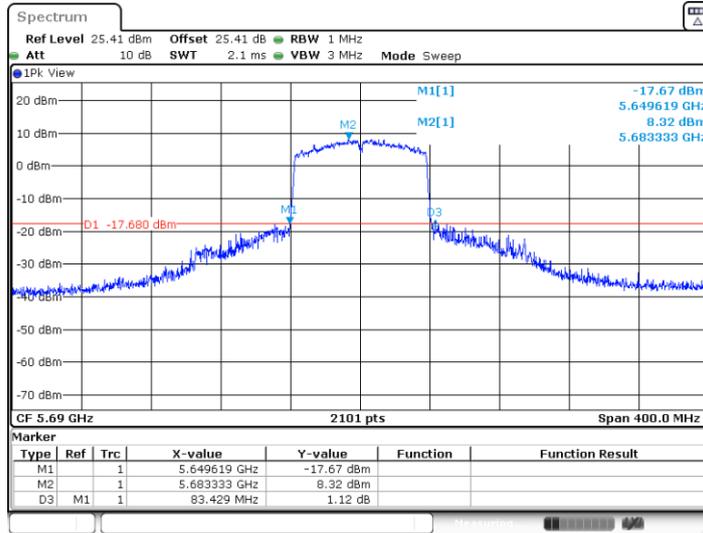
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Date: 24.JUN.2025 01:12:00

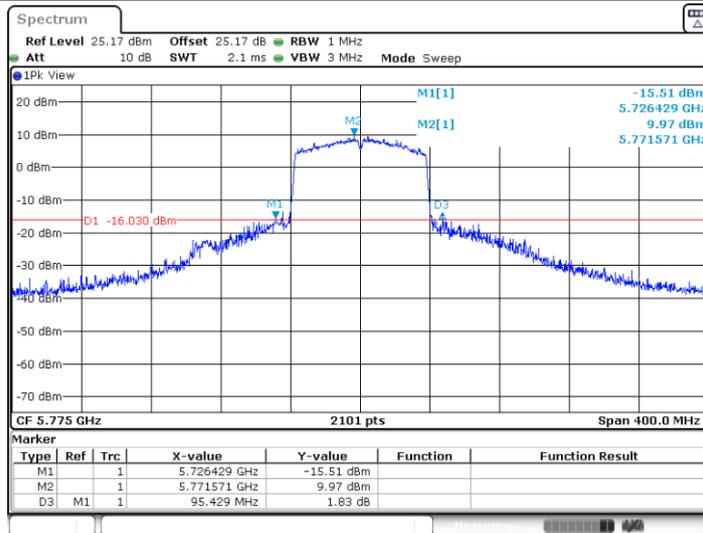


11AC80SISO_Ant6_5690



Date: 24.JUN.2025 01:12:15

11AC80SISO_Ant6_5775



Date: 24.JUN.2025 01:15:23



Occupied channel bandwidth

Test Result

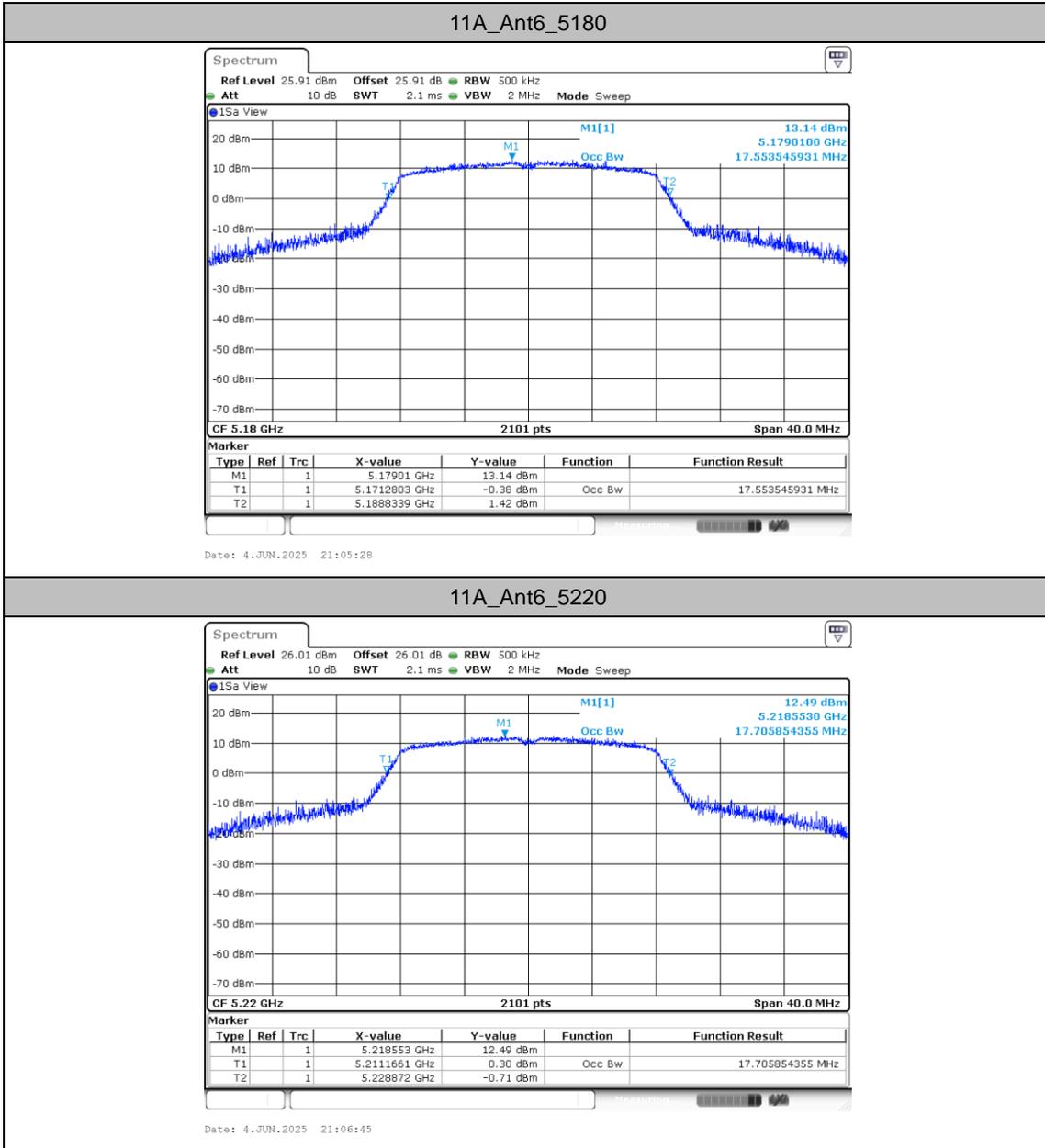
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant6	5180	17.554	5171.2803	5188.8339	---	---
		5220	17.706	5211.1661	5228.8720	---	---
		5240	17.496	5231.3375	5248.8339	---	---
		5260	17.592	5251.1280	5268.7197	---	---
		5300	17.496	5291.2423	5308.7387	---	---
		5320	17.573	5311.2232	5328.7958	---	---
		5500	17.439	5491.2613	5508.7006	---	---
		5580	17.477	5571.3375	5588.8149	---	---
		5700	17.592	5691.2613	5708.8529	---	---
		5720	17.496	5711.2803	5728.7768	---	---
		5720_UNII-2C	13.72	5711.2803	5725	---	---
		5720_UNII-3	3.777	5725	5728.7768	---	---
		5745	17.554	5736.2613	5753.8149	---	---
		5785	17.592	5776.2232	5793.8149	---	---
		5825	17.687	5816.2042	5833.8910	---	---
11AC20SISO	Ant6	5180	18.372	5170.8615	5189.2337	---	---
		5220	18.486	5210.7663	5229.2527	---	---
		5240	18.296	5230.8996	5249.1956	---	---
		5260	18.391	5250.7663	5269.1575	---	---
		5300	18.258	5290.8996	5309.1575	---	---
		5320	18.372	5310.8234	5329.1956	---	---
		5500	18.315	5490.8234	5509.1385	---	---
		5580	18.296	5570.8996	5589.1956	---	---
		5700	18.353	5690.8805	5709.2337	---	---
		5720	18.353	5710.8615	5729.2147	---	---
		5720_UNII-2C	14.139	5710.8615	5725	---	---
		5720_UNII-3	4.215	5725	5729.2147	---	---
		5745	18.315	5735.8805	5754.1956	---	---
		5785	18.372	5775.8234	5794.1956	---	---
		5825	18.505	5815.8044	5834.3099	---	---
11AC40SISO	Ant6	5190	36.782	5171.6088	5208.3912	---	---
		5230	37.011	5211.5707	5248.5816	---	---
		5270	37.163	5251.4184	5288.5816	---	---
		5310	36.897	5291.5326	5328.4293	---	---
		5510	36.516	5491.7611	5528.2770	---	---
		5550	36.478	5531.7991	5568.2770	---	---
		5670	36.63	5651.7230	5688.3532	---	---
		5710	36.706	5691.7230	5728.4293	---	---
		5710_UNII-2C	33.277	5691.7230	5725	---	---
		5710_UNII-3	3.429	5725	5728.4293	---	---
		5755	36.592	5736.7230	5773.3151	---	---
5795	36.668	5776.6088	5813.2770	---	---		



11AC80SISO	Ant6	5210	76.383	5171.9229	5248.3056	---	---
		5290	76.459	5251.6944	5328.1533	---	---
		5530	76.23	5491.9229	5568.1533	---	---
		5610	75.926	5572.0752	5648.0010	---	---
		5690	76.002	5652.0752	5728.0771	---	---
		5690_UNII-2C	72.925	5652.0752	5725	---	---
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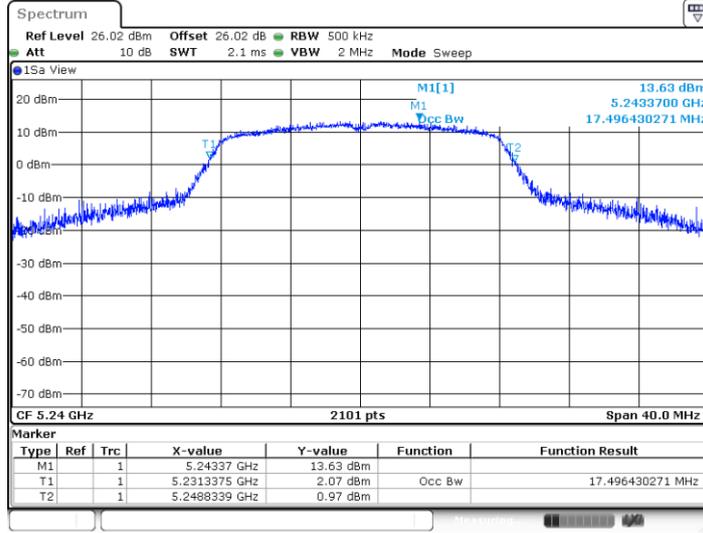


Test Graphs



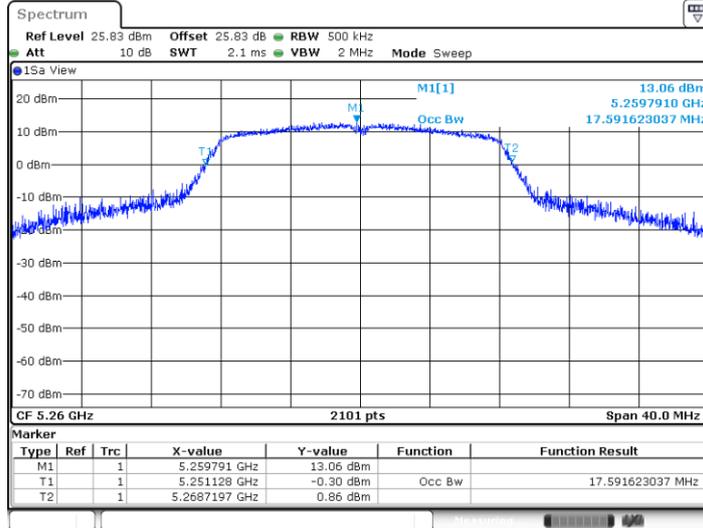


11A_Ant6_5240



Date: 4.JUN.2025 21:07:55

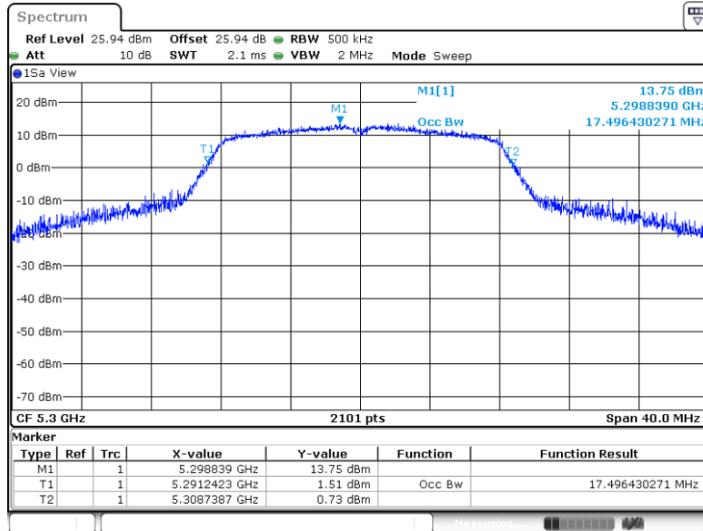
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Date: 4.JUN.2025 21:09:06

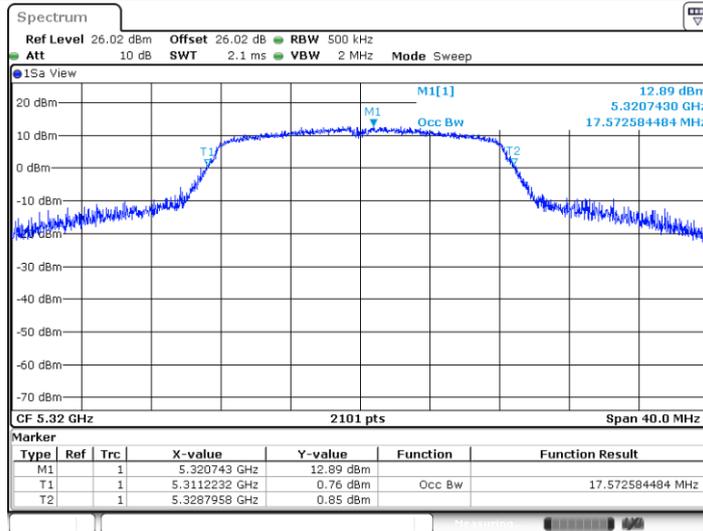


11A_Ant6_5300

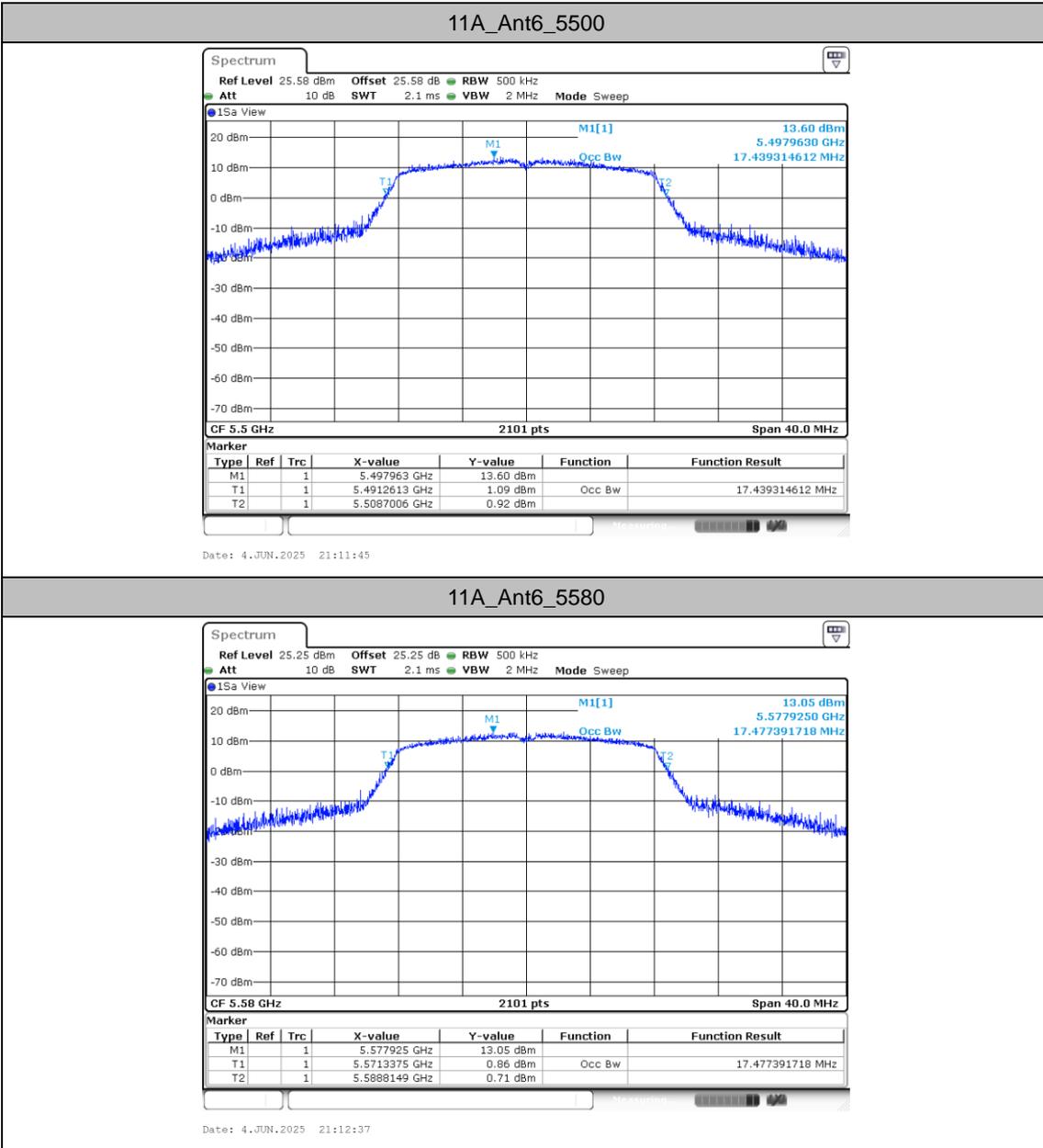


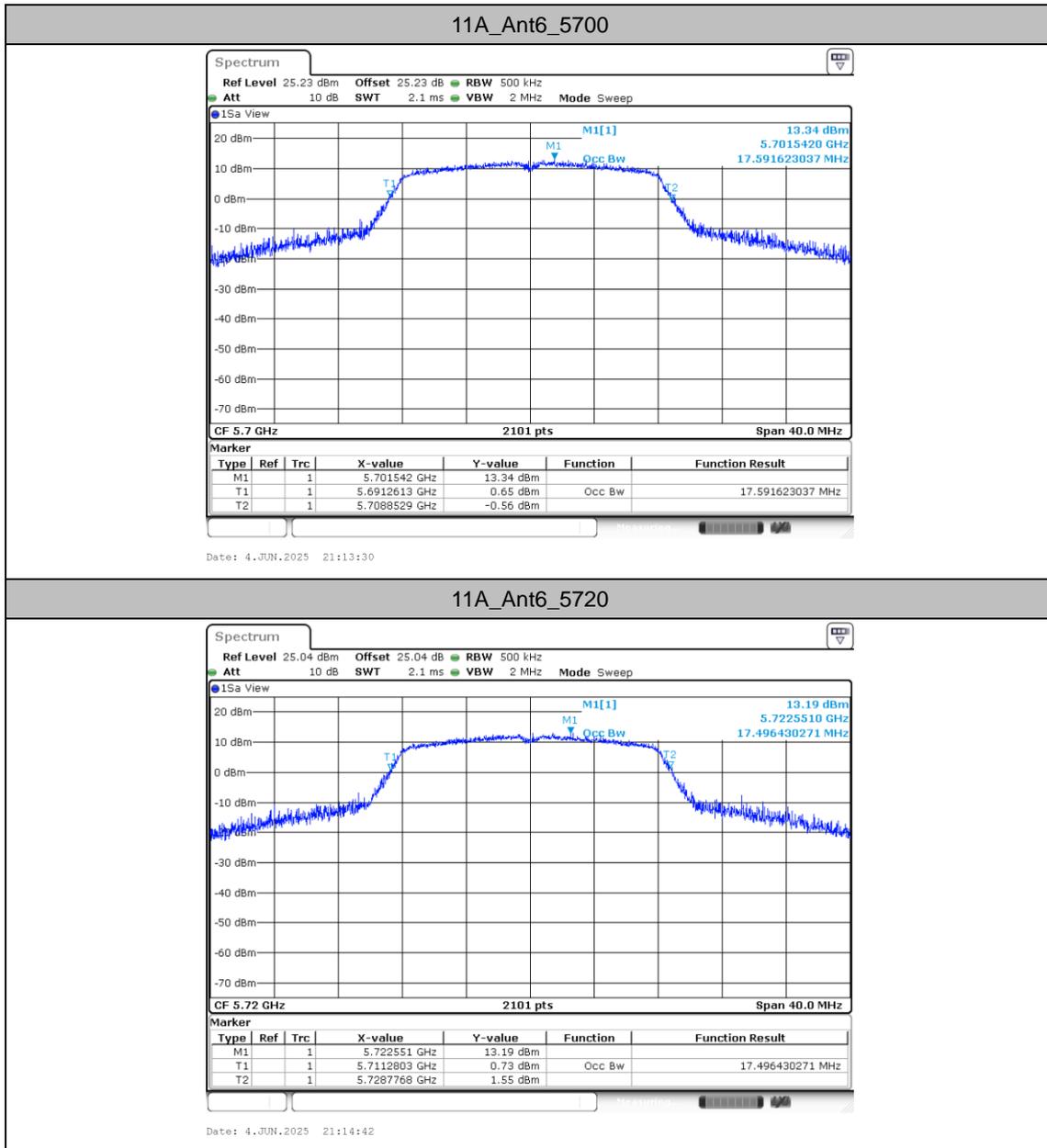
Date: 4.JUN.2025 21:10:00

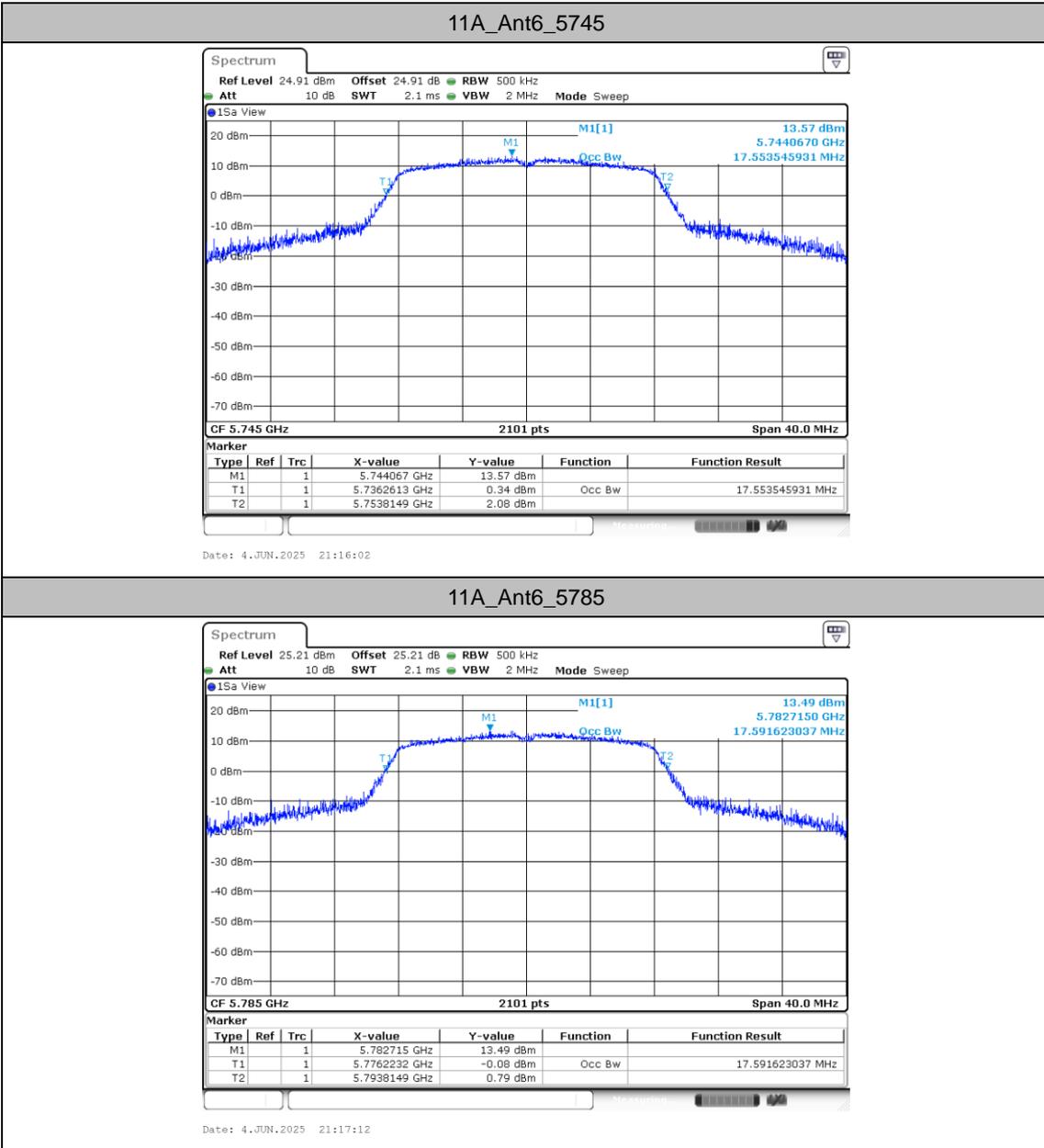
11A_Ant6_5320



Date: 4.JUN.2025 21:10:51

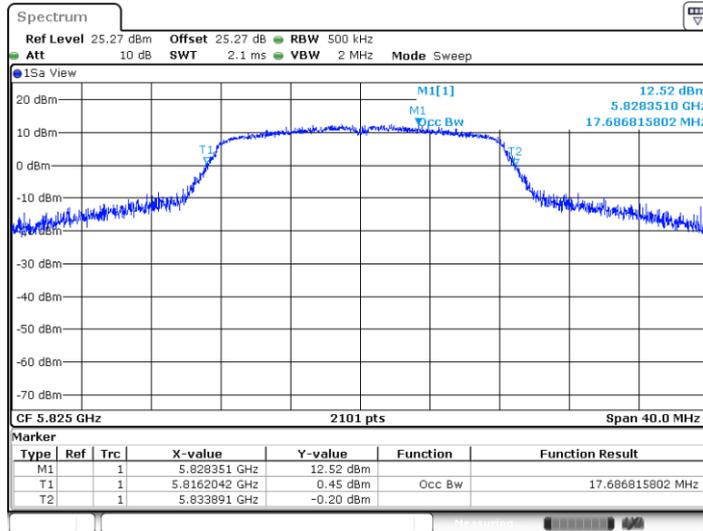



11A_Ant6_5720



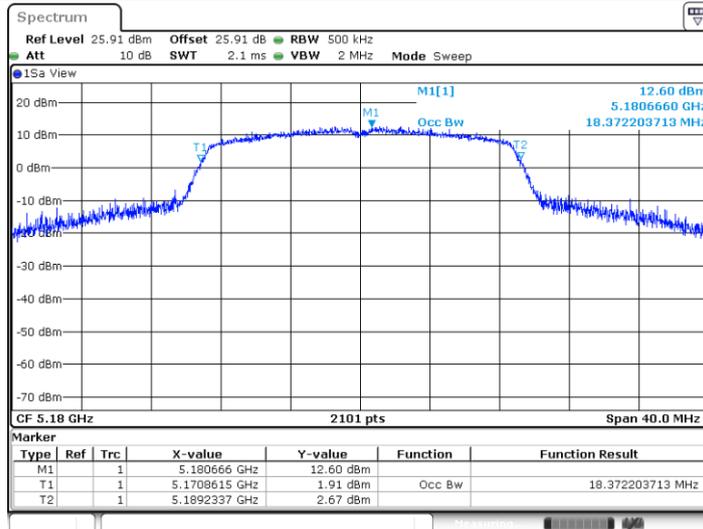


11A_Ant6_5825



Date: 4.JUN.2025 21:18:22

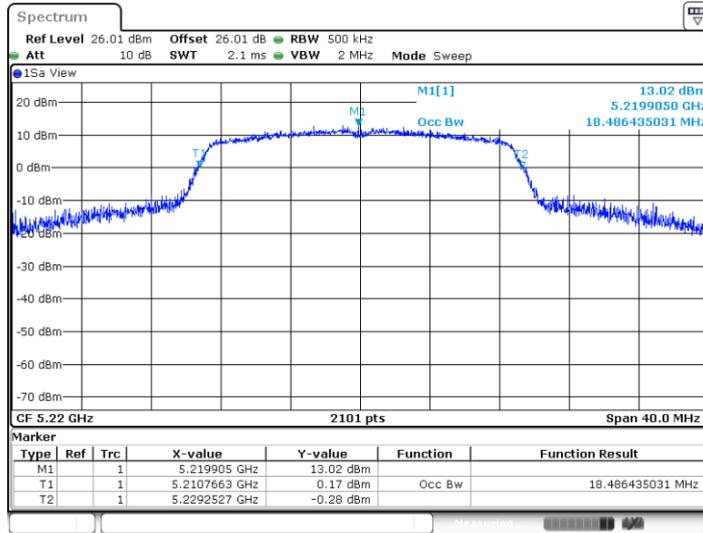
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Date: 4.JUN.2025 21:19:30

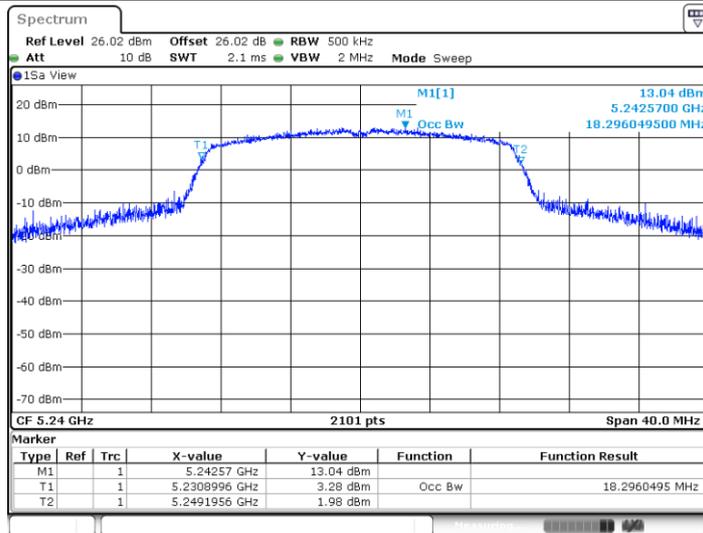


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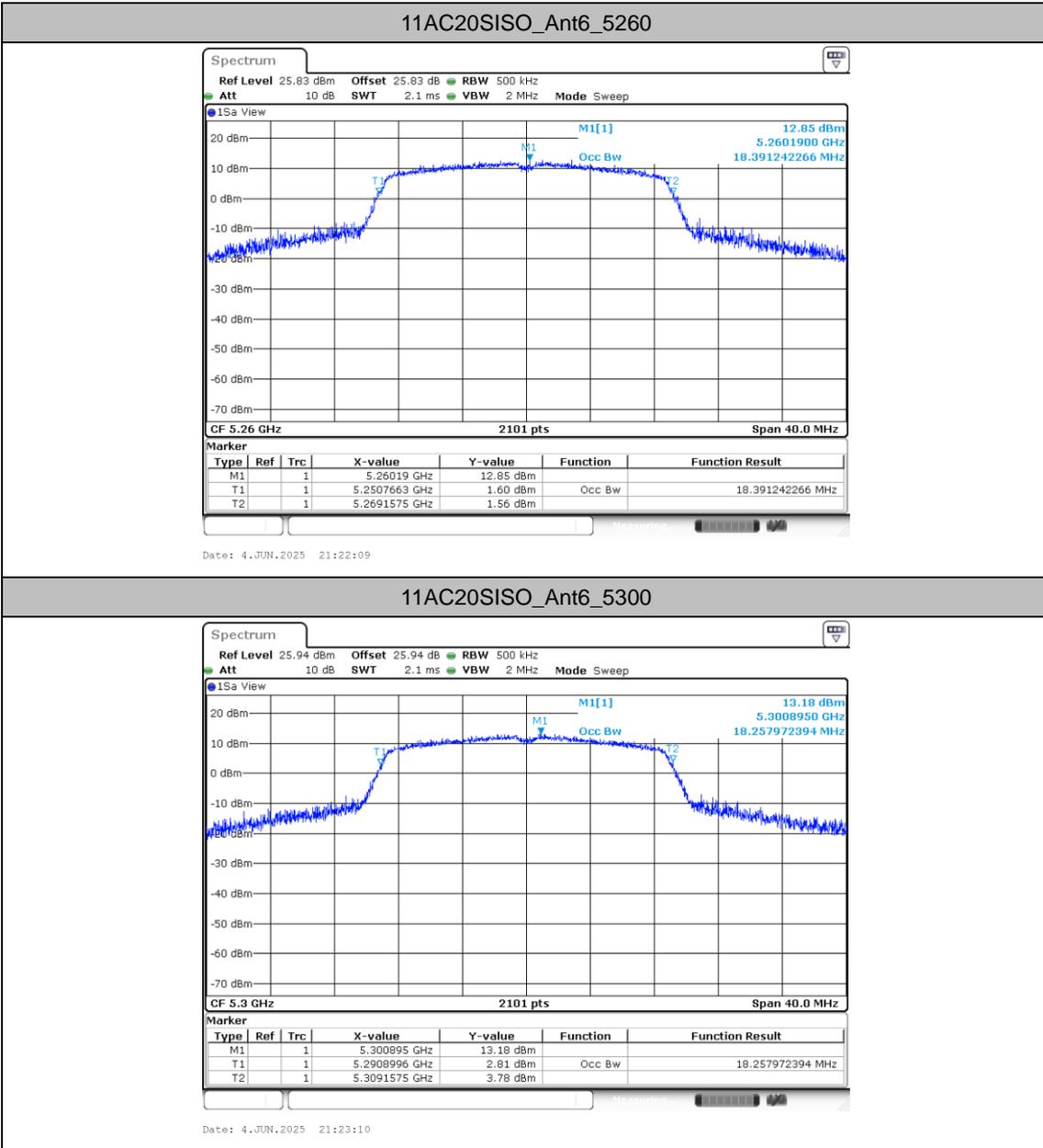


Date: 4.JUN.2025 21:20:39

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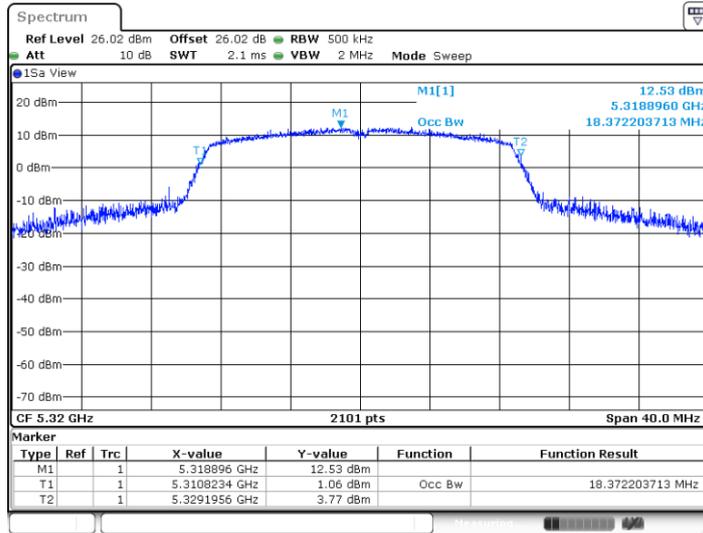


Date: 4.JUN.2025 21:21:25



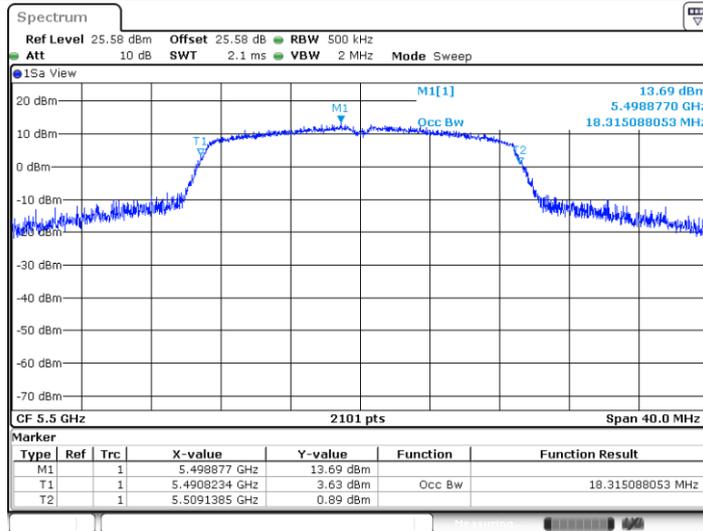


11AC20SISO_Ant6_5320



Date: 4.JUN.2025 21:23:58

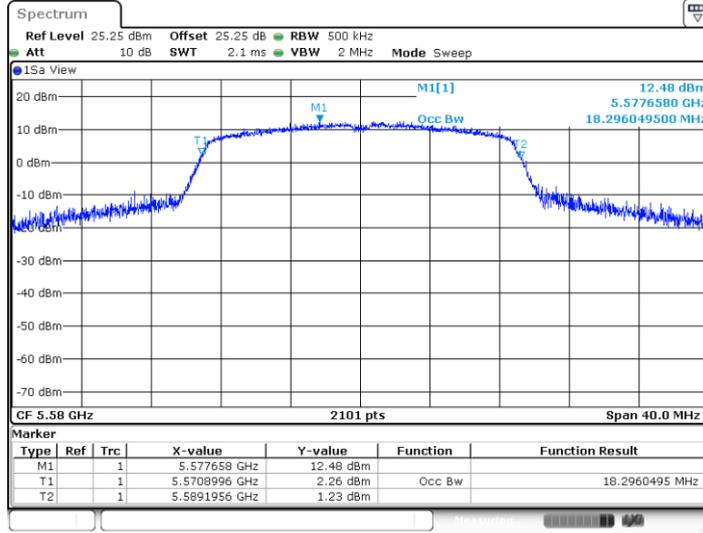
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Date: 4.JUN.2025 21:24:50

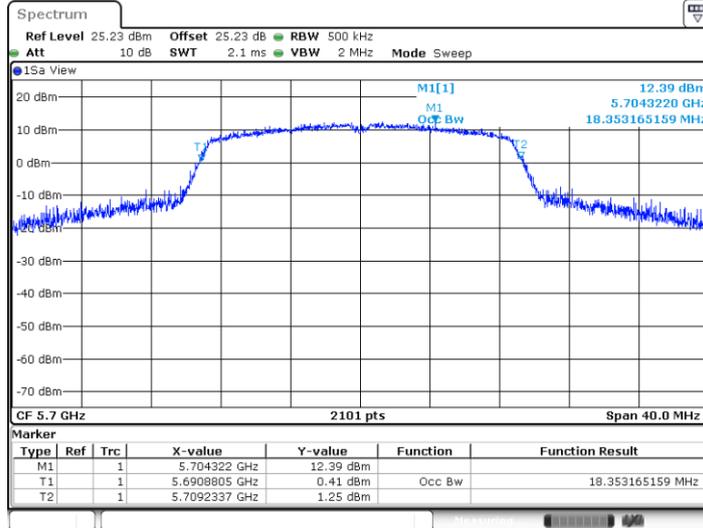


11AC20SISO_Ant6_5580



Date: 4.JUN.2025 21:25:39

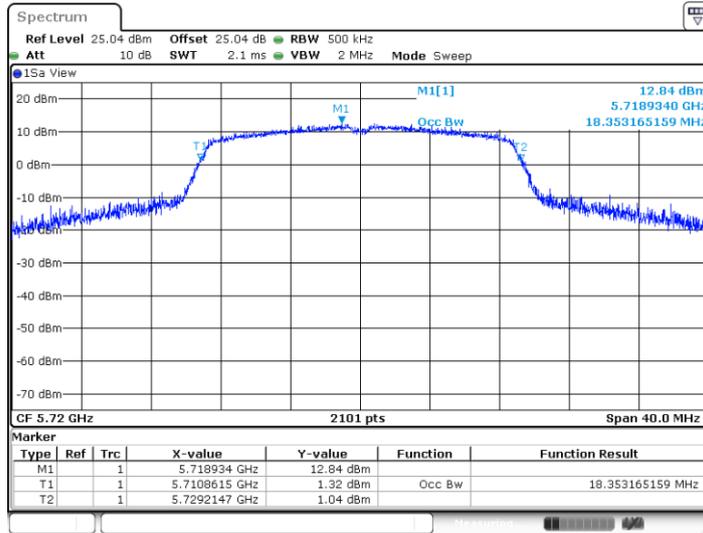
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Date: 4.JUN.2025 21:26:33

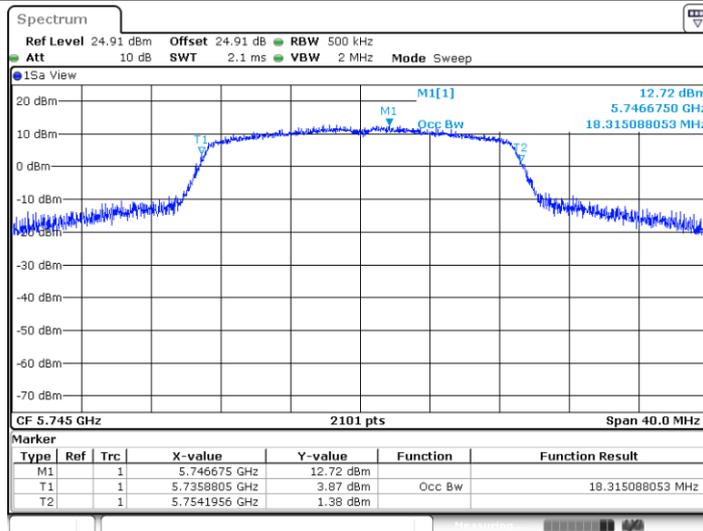


11AC20SISO_Ant6_5720



Date: 4.JUN.2025 21:27:30

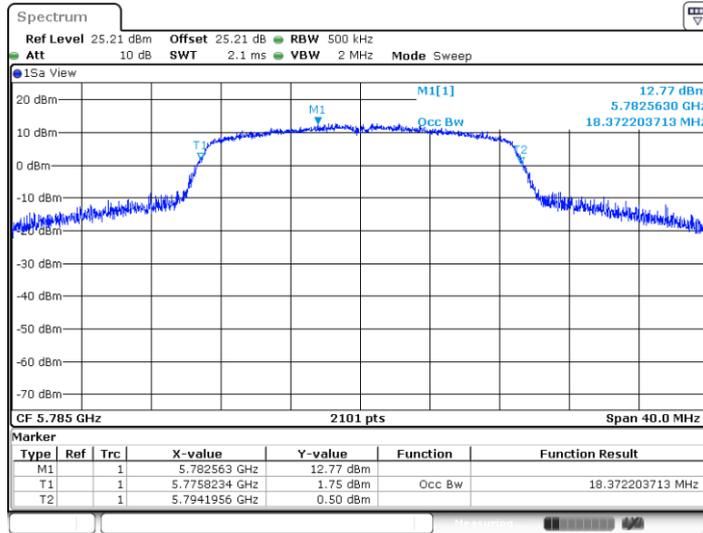
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Date: 4.JUN.2025 21:28:51

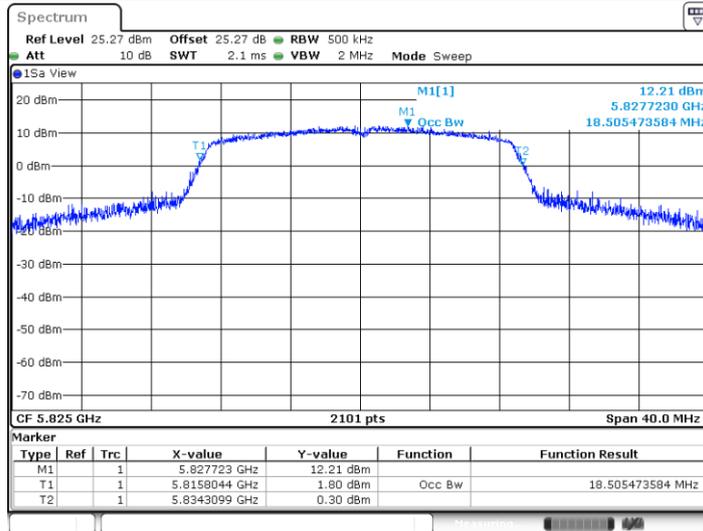


11AC20SISO_Ant6_5785



Date: 4.JUN.2025 21:30:02

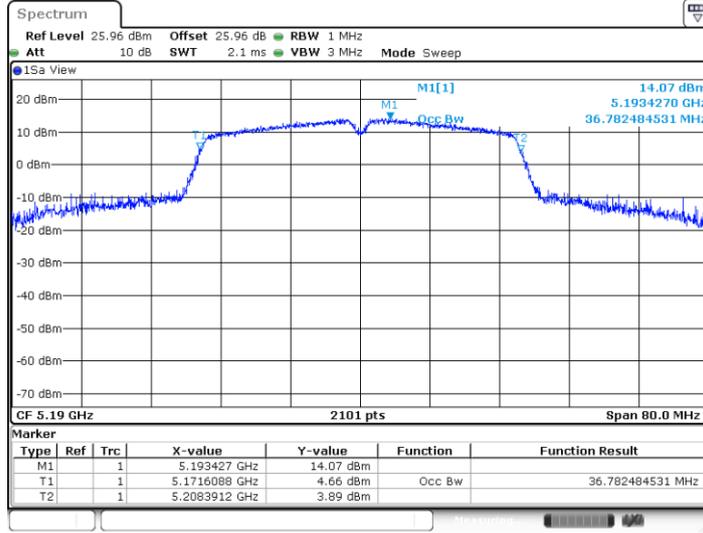
11AC20SISO_Ant6_5825



Date: 4.JUN.2025 21:31:21

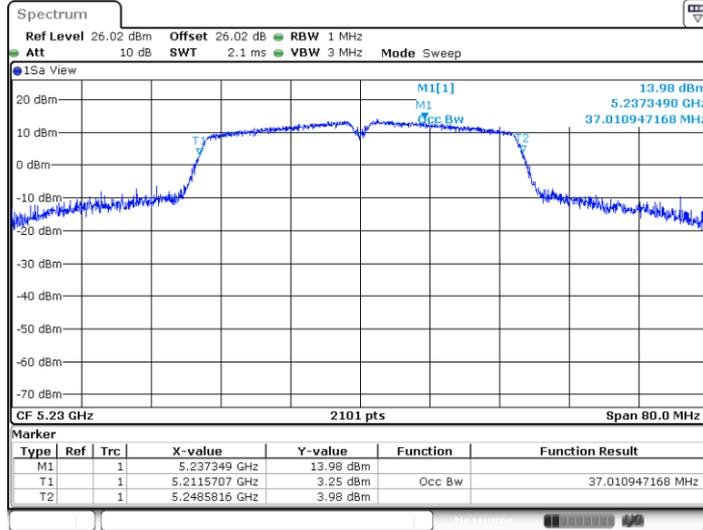


11AC40SISO_Ant6_5190



Date: 4.JUN.2025 21:32:18

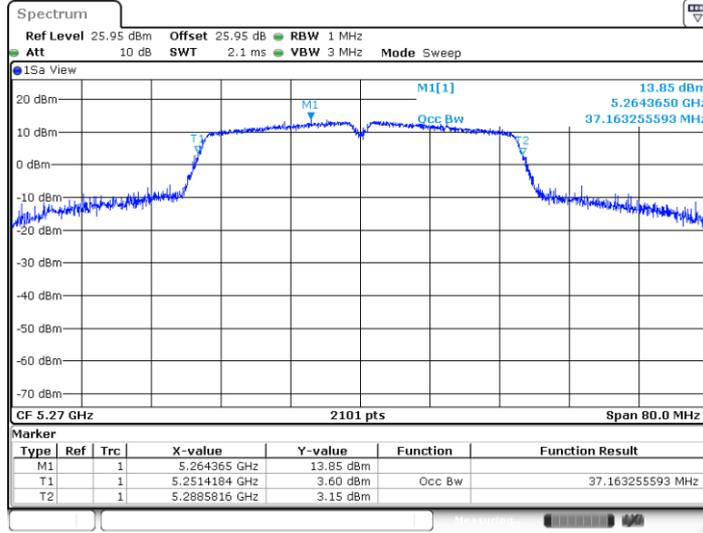
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Date: 4.JUN.2025 21:33:27

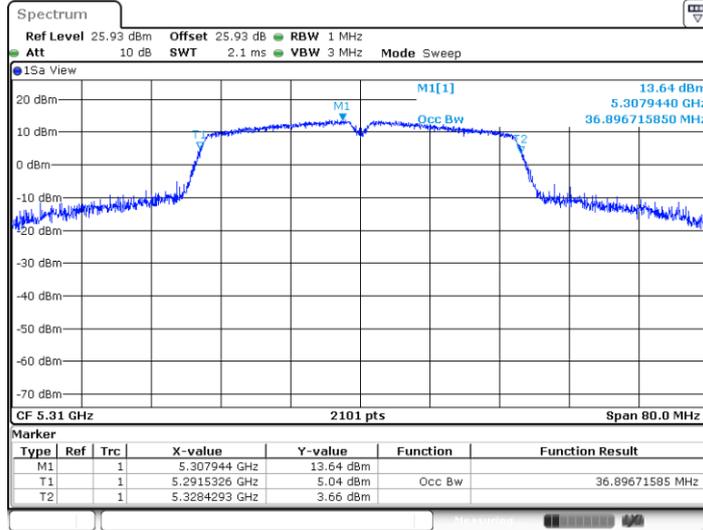


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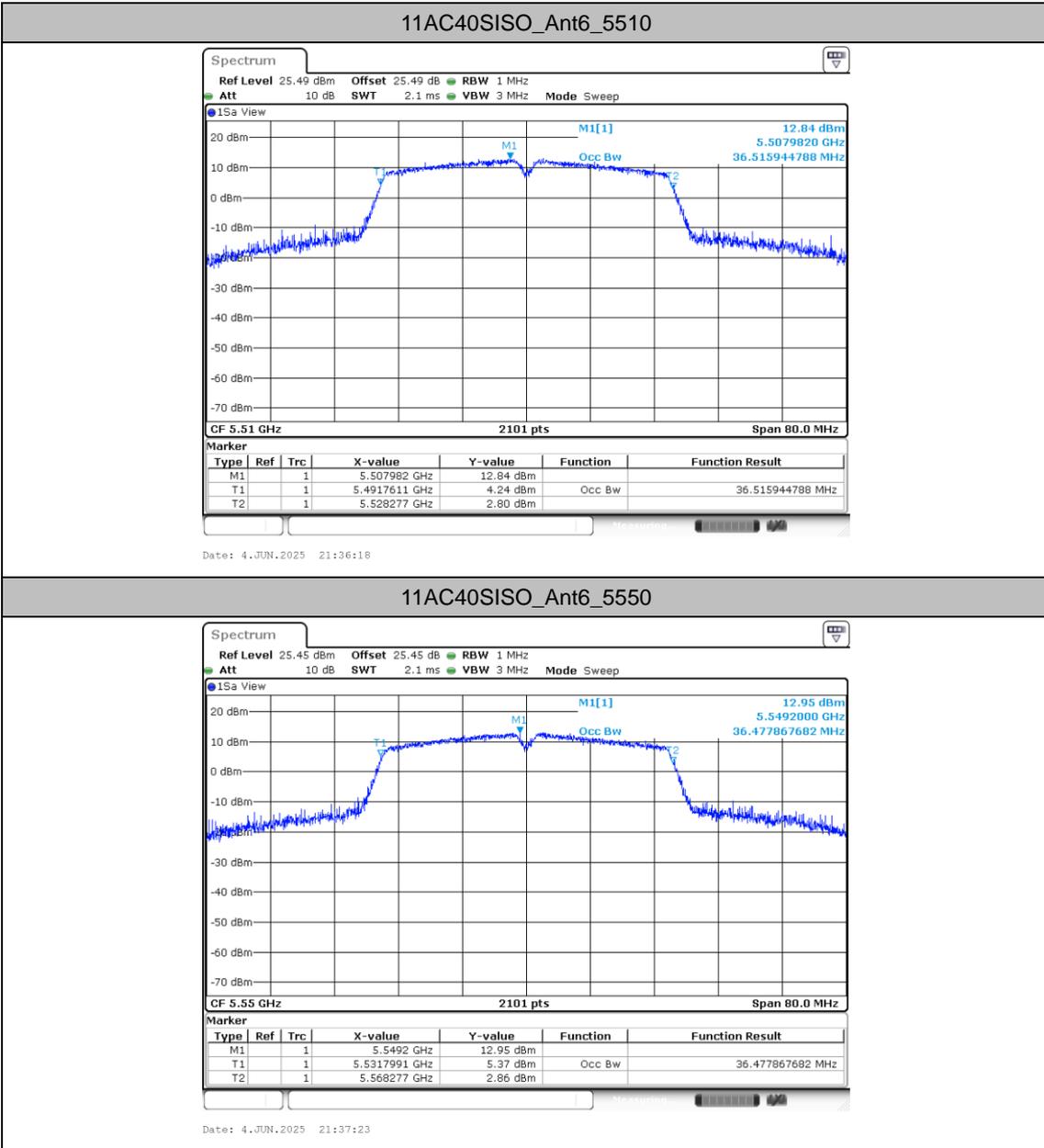


Date: 4.JUN.2025 21:34:23

11AC40SISO_Ant6_5310

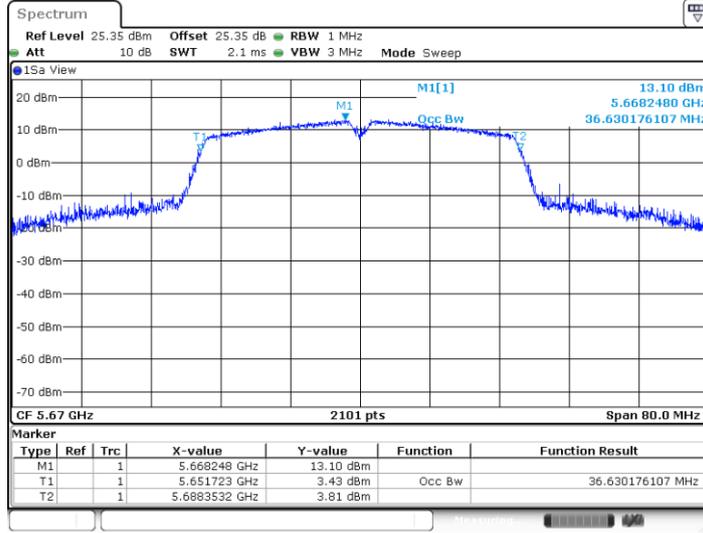


Date: 4.JUN.2025 21:35:23



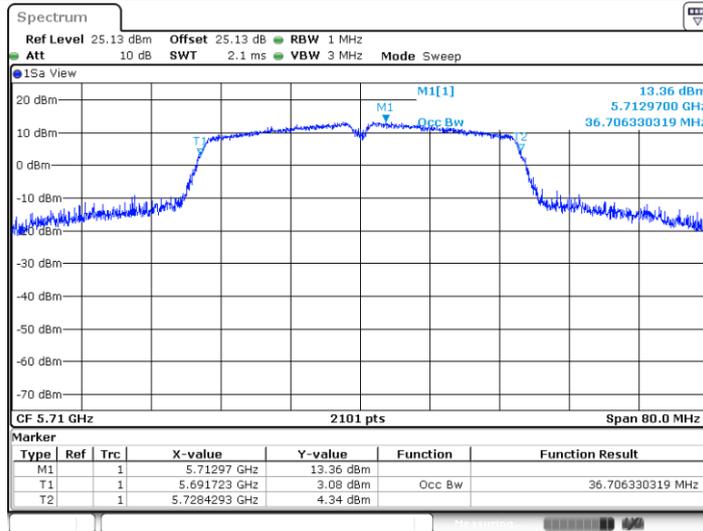


11AC40SISO_Ant6_5670



Date: 4.JUN.2025 21:38:33

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