



FCC RF Test Report

APPLICANT : Zhejiang Lingzhu Technology Co., Ltd.
EQUIPMENT : Smart Camera
MODEL NAME : SC256-WBQ2, SC256-WBxyz
("x" can be A-Z for different housing; "y" can be 1-9 for different resolution; "z" can be A-Z or blank for different sensors or lens or batteries)
FCC ID : 2BEWXSC256WB
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Aug. 05, 2026 ~ Aug. 23, 2026

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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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR672002C-R01	Rev. 01	Initial issue of report	Sep. 03, 2026

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 3.20 dB at 5352.10 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 27.41 dB at 0.844 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	15.203 & 15.407(a)	Pass	-

Conformity Assessment Condition:

1. 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. 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

Zhejiang Lingzhu Technology Co., Ltd.

Room 302, No 1 Building Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China

1.2 Manufacturer

Zhejiang Lingzhu Technology Co., Ltd.

Room 302, No 1 Building Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Camera
Model Name	SC256-WBQ2, SC256-WBxyz ("x" can be A-Z for different housing; "y" can be 1-9 for different resolution; "z" can be A-Z or blank for different sensors or lens or batteries)
FCC ID	2BEWXSC256WB
SN Code	Conducted: GYFHF24VS00024 Conduction: GYFHF24VS0001D Radiation: GYFHF24VS00014
EUT Stage	Production Unit

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. For details of different models, please refer to the SC256-WBQ2, SC256-WBxyz_Operational Description of Product Equality Declaration exhibit separately. Since the differences are not related to the radio frequency function, so we choose the model SC256-WBQ2 to full test.
3. There are two types of EUT: Sample 1 with Battery 1 and Sample 2 with Battery 2, all the others are the same. After evaluation, the differences will not affect RF performance, so we choose Sample 1 to full test.



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	<5180 MHz ~ 5240 MHz> 802.11a : 13.86 dBm / 0.0243 W 802.11n HT20 : 13.52 dBm / 0.0225 W 802.11n HT40 : 13.61 dBm / 0.0230 W 802.11ac VHT20: 13.57 dBm / 0.0228 W 802.11ac VHT40: 13.64 dBm / 0.0231 W 802.11ax HE20: 13.71 dBm / 0.0235 W 802.11ax HE40: 13.83 dBm / 0.0242 W <5260 MHz ~ 5320 MHz> 802.11a : 13.27 dBm / 0.0212 W 802.11n HT20 : 12.78 dBm / 0.0190 W 802.11n HT40 : 12.88 dBm / 0.0194 W 802.11ac VHT20: 12.87 dBm / 0.0194 W 802.11ac VHT40: 12.93 dBm / 0.0196 W 802.11ax HE20: 13.03 dBm / 0.0201 W 802.11ax HE40: 13.09 dBm / 0.0204 W <5500 MHz ~ 5720 MHz > 802.11a : 17.27 dBm / 0.0533 W 802.11n HT20 : 17.07 dBm / 0.0509 W 802.11n HT40 : 17.25 dBm / 0.0531 W 802.11ac VHT20: 17.14 dBm / 0.0518 W 802.11ac VHT40: 17.28 dBm / 0.0535 W 802.11ax HE20: 17.30 dBm / 0.0537 W 802.11ax HE40: 17.42 dBm / 0.0552 W <5745 MHz ~ 5825 MHz> 802.11a : 17.40 dBm / 0.0550 W 802.11n HT20 : 17.20 dBm / 0.0525 W 802.11n HT40 : 17.23 dBm / 0.0528 W 802.11ac VHT20: 17.30 dBm / 0.0537 W 802.11ac VHT40: 17.28 dBm / 0.0535 W 802.11ax HE20: 17.48 dBm / 0.0560 W 802.11ax HE40: 17.44 dBm / 0.0555 W

99% Occupied Bandwidth	<5180 MHz ~ 5240 MHz> 802.11a : 18.03 MHz 802.11ac VHT20: 19.039 MHz 802.11ac VHT40: 37.087 MHz 802.11ax HE20: 19.629 MHz 802.11ax HE40: 38.344 MHz <5260 MHz ~ 5320 MHz> 802.11a : 18.239 MHz 802.11ac VHT20: 19.153 MHz 802.11ac VHT40: 37.277 MHz 802.11ax HE20: 19.648 MHz 802.11ax HE40: 38.382 MHz <5500 MHz ~ 5720 MHz> 802.11a : 18.81 MHz 802.11ac VHT20: 19.762 MHz 802.11ac VHT40: 38.191 MHz 802.11ax HE20: 19.857 MHz 802.11ax HE40: 38.991 MHz <5745 MHz ~ 5825 MHz> 802.11a : 18.734 MHz 802.11ac VHT20: 19.686 MHz 802.11ac VHT40: 38.115 MHz 802.11ax HE20: 19.952 MHz 802.11ax HE40: 38.801 MHz
Antenna Type / Gain	<5180 MHz ~ 5240 MHz> Dipole Antenna with gain -0.13 dBi <5260 MHz ~ 5320 MHz> Dipole Antenna with gain 0.38 dBi <5500 MHz ~ 5720 MHz> Dipole Antenna with gain 0.22 dBi <5745 MHz ~ 5825 MHz> Dipole Antenna with gain -0.24 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

Note:

1. For 802.11n HT20 /ac VHT20 and 802.11n HT40 /ac VHT40 mode, the whole testing has assessed only 802.11ac VHT20/VHT40 by referring to their higher conducted power.
2. The WLAN 802.11ax does not support partial RU mode.

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 03CH06-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.	03CH06-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 C63.10-2020+Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024

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. The worst cases (Y/Z plane) 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

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

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
	-	-	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
	-	-	165	5825

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	142*	5710	144	5720

Note: The above Frequency and Channel in "*" are 40MHz 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
802.11ax HE20	MCS0
802.11ax HE40	MCS0

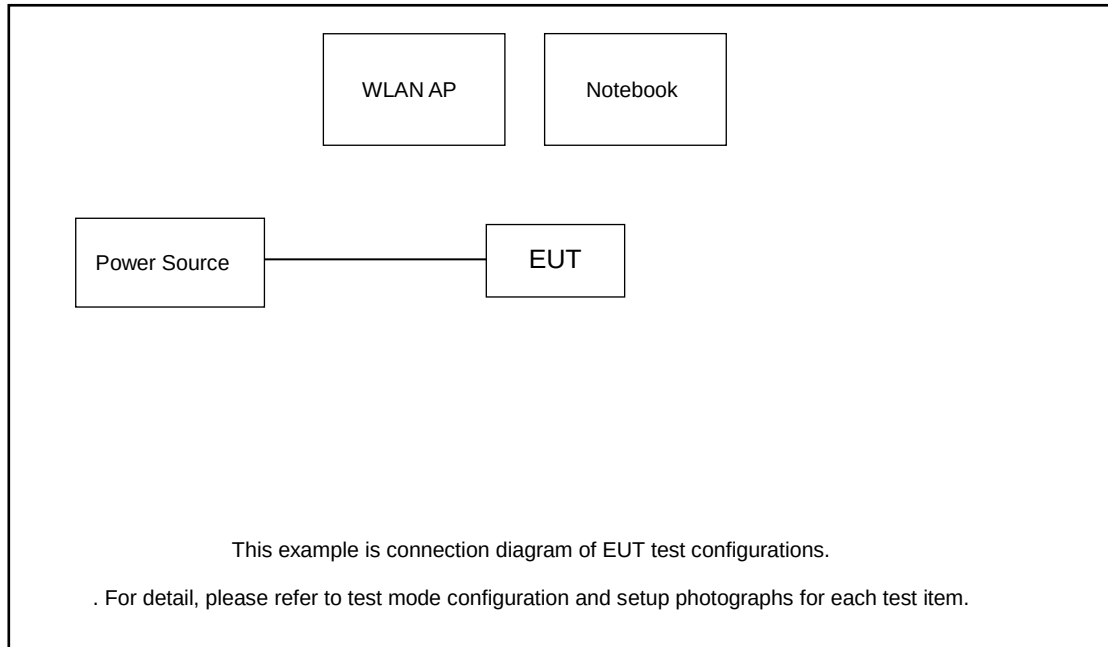
AC Conducted Emission	Mode 1 : BT Link + WLAN Link(5G) + Charging From adapter
Remark: For Radiated Test Cases, The tests were performance with Adapter.	

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	-

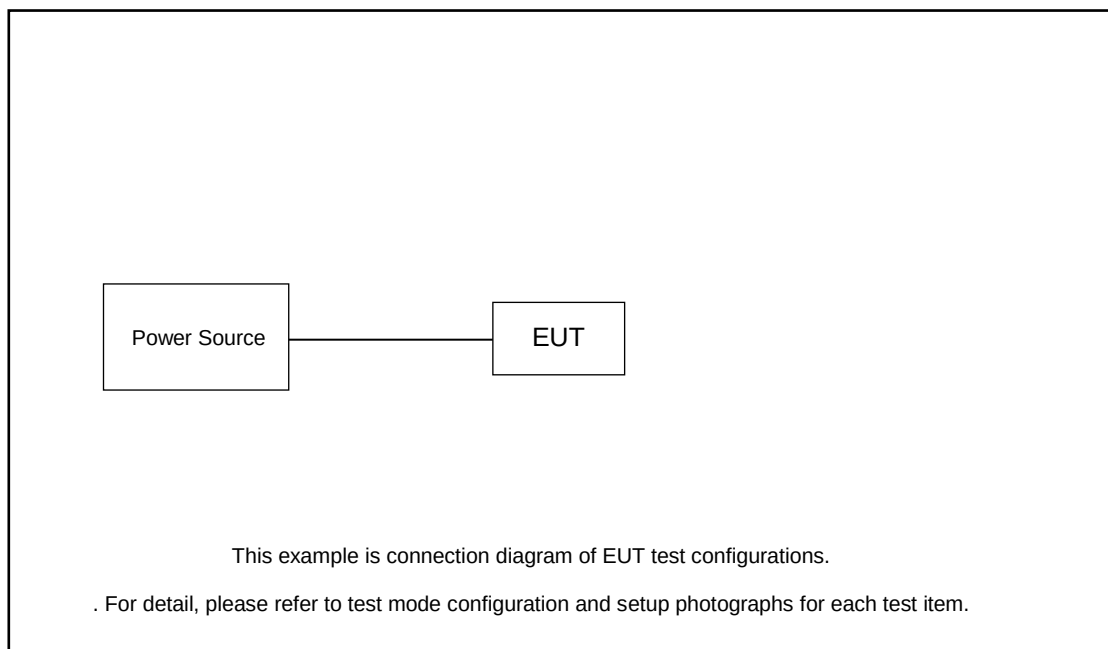
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		40M BW	40M BW	40M BW	40M BW
L	Low	38	54	102	151
M	Middle	-	-	110	-
H	High	46	62	134	159
Straddle		-	-	142	-

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.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	Shielded cable DC O/P 1.8m, Unshielded AC I/P cable 1.8m
2.	WLAN AP	ASUS	GT-AXE11000	N/A	N/A	N/A
3.	USB Cable	N/A	N/A	N/A	N/A	N/A
4.	Adapter	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.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.04 dB and 20dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 2.04 + 20 = 22.04 \text{ (dB)}\end{aligned}$$

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

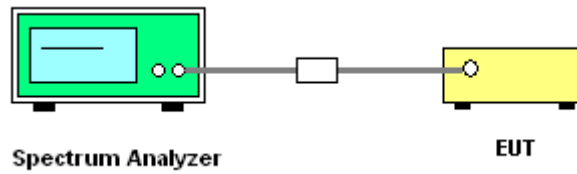
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 & ANSI C63.10-2020 clause 12.5.1 for 6dB BW and 12.5.2 for 26dB BW and 6.9.3 for 99% occupied bandwidth measurements.

☒	Section C) Bandwidth Measurement 1. Emission Bandwidth (EBW) and 99% OBW
	- Set RBW = shall be in the range of 1% to 5% 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 in the range of 1% to 5%. - 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) $\geq 3 * RBW$. - Measure and record the results in the test report.
☒	Section C) Bandwidth Measurement 2. Minimum Emission Bandwidth for the band 5.725 - 5.85 GHz
	- Set RBW = 100 kHz. - Set the VBW $\geq 3 \times RBW$. - 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 and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<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 dBm +10 log₁₀ 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

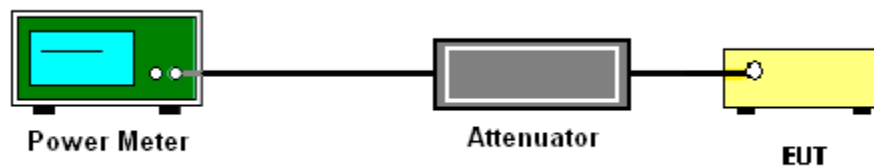
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

TEST RESULTS DATA													
Average 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)	EIRP Power Limit (dBm)	Pass/Fail
Band	SISO	N _{TX}	Channel	Freq (MHz)	Data Rate	RU Config		Ant 1		Ant 1	Ant 1		
11a	SISO	1	36	5180	6Mbps	-	17.00	13.52	24.00	-0.13	13.39	-	Pass
11a	SISO	1	44	5220	6Mbps	-	17.00	13.86	24.00	-0.13	13.73	-	Pass
11a	SISO	1	48	5240	6Mbps	-	17.00	13.64	24.00	-0.13	13.51	-	Pass
HT20	SISO	1	36	5180	MCS0	-	17.00	13.42	24.00	-0.13	13.29	-	Pass
HT20	SISO	1	44	5220	MCS0	-	17.00	13.52	24.00	-0.13	13.39	-	Pass
HT20	SISO	1	48	5240	MCS0	-	17.00	13.25	24.00	-0.13	13.12	-	Pass
HT40	SISO	1	38	5190	MCS0	-	17.00	12.68	24.00	-0.13	12.55	-	Pass
HT40	SISO	1	46	5230	MCS0	-	17.00	13.61	24.00	-0.13	13.48	-	Pass
VHT20	SISO	1	36	5180	MCS0	-	17.00	13.50	24.00	-0.13	13.37	-	Pass
VHT20	SISO	1	44	5220	MCS0	-	17.00	13.57	24.00	-0.13	13.44	-	Pass
VHT20	SISO	1	48	5240	MCS0	-	17.00	13.32	24.00	-0.13	13.19	-	Pass
VHT40	SISO	1	38	5190	MCS0	-	17.00	12.69	24.00	-0.13	12.56	-	Pass
VHT40	SISO	1	46	5230	MCS0	-	17.00	13.64	24.00	-0.13	13.51	-	Pass
HE20	SISO	1	36	5180	MCS0	Full	17.00	13.67	24.00	-0.13	13.54	-	Pass
HE20	SISO	1	44	5220	MCS0	Full	17.00	13.71	24.00	-0.13	13.58	-	Pass
HE20	SISO	1	48	5240	MCS0	Full	17.00	13.45	24.00	-0.13	13.32	-	Pass
HE40	SISO	1	38	5190	MCS0	Full	16.00	12.86	24.00	-0.13	12.73	-	Pass
HE40	SISO	1	46	5230	MCS0	Full	17.00	13.83	24.00	-0.13	13.70	-	Pass



TEST RESULTS DATA Average Output Power													
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		Ant 1	Ant 1	Ant 1	Ant 1		
11a	SISO	1	52	5260	6Mbps	-	17.00	13.27	23.98	0.38	13.65	26.99	Pass
11a	SISO	1	60	5300	6Mbps	-	17.00	13.03	23.98	0.38	13.41	26.99	Pass
11a	SISO	1	64	5320	6Mbps	-	16.00	11.88	23.98	0.38	12.26	26.99	Pass
HT20	SISO	1	52	5260	MCS0	-	17.00	12.08	23.98	0.38	12.46	26.99	Pass
HT20	SISO	1	60	5300	MCS0	-	17.00	12.57	23.98	0.38	12.95	26.99	Pass
HT20	SISO	1	64	5320	MCS0	-	17.00	12.78	23.98	0.38	13.16	26.99	Pass
HT40	SISO	1	54	5270	MCS0	-	17.00	12.88	23.98	0.38	13.26	26.99	Pass
HT40	SISO	1	62	5310	MCS0	-	17.00	11.84	23.98	0.38	12.22	26.99	Pass
VHT20	SISO	1	52	5260	MCS0	-	17.00	12.12	23.98	0.38	12.50	26.99	Pass
VHT20	SISO	1	60	5300	MCS0	-	17.00	12.62	23.98	0.38	13.00	26.99	Pass
VHT20	SISO	1	64	5320	MCS0	-	17.00	12.87	23.98	0.38	13.25	26.99	Pass
VHT40	SISO	1	54	5270	MCS0	-	17.00	12.93	23.98	0.38	13.31	26.99	Pass
VHT40	SISO	1	62	5310	MCS0	-	17.00	11.90	23.98	0.38	12.28	26.99	Pass
HE20	SISO	1	52	5260	MCS0	Full	17.00	12.29	23.98	0.38	12.67	26.99	Pass
HE20	SISO	1	60	5300	MCS0	Full	17.00	12.77	23.98	0.38	13.15	26.99	Pass
HE20	SISO	1	64	5320	MCS0	Full	17.00	13.03	23.98	0.38	13.41	26.99	Pass
HE40	SISO	1	54	5270	MCS0	Full	17.00	13.09	23.98	0.38	13.47	26.99	Pass
HE40	SISO	1	62	5310	MCS0	Full	16.00	12.08	23.98	0.38	12.46	26.99	Pass



TEST RESULTS DATA													
Average Output Power													
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		Ant 1	Ant 1	Ant 1	Ant 1		
11a	SISO	1	100	5500	6Mbps	-	17.00	11.23	23.98	0.22	11.45	26.99	Pass
11a	SISO	1	116	5580	6Mbps	-	17.00	11.42	23.98	0.22	11.64	26.99	Pass
11a	SISO	1	140	5700	6Mbps	-	16.00	16.44	23.98	0.22	16.66	26.99	Pass
11a	SISO	1	144	5720	6Mbps	-	17.00	17.27	23.98	0.22	17.49	26.99	Pass
HT20	SISO	1	100	5500	MCS0	-	17.00	11.16	23.98	0.22	11.38	26.99	Pass
HT20	SISO	1	116	5580	MCS0	-	17.00	11.41	23.98	0.22	11.63	26.99	Pass
HT20	SISO	1	140	5700	MCS0	-	13.00	13.50	23.98	0.22	13.72	26.99	Pass
HT20	SISO	1	144	5720	MCS0	-	17.00	17.07	23.98	0.22	17.29	26.99	Pass
HT40	SISO	1	102	5510	MCS0	-	17.00	10.85	23.98	0.22	11.07	26.99	Pass
HT40	SISO	1	110	5550	MCS0	-	17.00	11.32	23.98	0.22	11.54	26.99	Pass
HT40	SISO	1	134	5670	MCS0	-	14.00	14.20	23.98	0.22	14.42	26.99	Pass
HT40	SISO	1	142	5710	MCS0	-	17.00	17.25	23.98	0.22	17.47	26.99	Pass
VHT20	SISO	1	100	5500	MCS0	-	17.00	11.20	23.98	0.22	11.42	26.99	Pass
VHT20	SISO	1	118	5580	MCS0	-	17.00	11.47	23.98	0.22	11.69	26.99	Pass
VHT20	SISO	1	140	5700	MCS0	-	13.00	13.56	23.98	0.22	13.78	26.99	Pass
VHT20	SISO	1	144	5720	MCS0	-	17.00	17.14	23.98	0.22	17.36	26.99	Pass
VHT40	SISO	1	102	5510	MCS0	-	17.00	10.91	23.98	0.22	11.13	26.99	Pass
VHT40	SISO	1	110	5550	MCS0	-	17.00	11.36	23.98	0.22	11.58	26.99	Pass
VHT40	SISO	1	134	5670	MCS0	-	14.00	14.23	23.98	0.22	14.45	26.99	Pass
VHT40	SISO	1	142	5710	MCS0	-	17.00	17.28	23.98	0.22	17.50	26.99	Pass
HE20	SISO	1	100	5500	MCS0	Full	17.00	11.37	23.98	0.22	11.59	26.99	Pass
HE20	SISO	1	116	5580	MCS0	Full	17.00	11.64	23.98	0.22	11.86	26.99	Pass
HE20	SISO	1	140	5700	MCS0	Full	13.00	13.71	23.98	0.22	13.93	26.99	Pass
HE20	SISO	1	144	5720	MCS0	Full	17.00	17.30	23.98	0.22	17.52	26.99	Pass
HE40	SISO	1	102	5510	MCS0	Full	17.00	11.08	23.98	0.22	11.30	26.99	Pass
HE40	SISO	1	110	5550	MCS0	Full	17.00	11.53	23.98	0.22	11.75	26.99	Pass
HE40	SISO	1	134	5670	MCS0	Full	14.00	14.39	23.98	0.22	14.61	26.99	Pass
HE40	SISO	1	142	5710	MCS0	Full	17.00	17.42	23.98	0.22	17.64	26.99	Pass



TEST RESULTS DATA													
Average Output Power													
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		Ant 1		Ant 1	Ant 1		
11a	SISO	1	149	5745	6Mbps	-	17.00	17.40	30.00	-0.24	17.16	36.00	Pass
11a	SISO	1	157	5785	6Mbps	-	17.00	17.25	30.00	-0.24	17.01	36.00	Pass
11a	SISO	1	165	5825	6Mbps	-	17.00	16.86	30.00	-0.24	16.62	36.00	Pass
HT20	SISO	1	149	5745	MCS0	-	17.00	17.20	30.00	-0.24	16.96	36.00	Pass
HT20	SISO	1	157	5785	MCS0	-	17.00	17.16	30.00	-0.24	16.92	36.00	Pass
HT20	SISO	1	165	5825	MCS0	-	17.00	16.71	30.00	-0.24	16.47	36.00	Pass
HT40	SISO	1	151	5755	MCS0	-	17.00	17.23	30.00	-0.24	16.99	36.00	Pass
HT40	SISO	1	159	5795	MCS0	-	17.00	17.18	30.00	-0.24	16.94	36.00	Pass
VHT20	SISO	1	149	5745	MCS0	-	17.00	17.30	30.00	-0.24	17.06	36.00	Pass
VHT20	SISO	1	157	5785	MCS0	-	17.00	17.24	30.00	-0.24	17.00	36.00	Pass
VHT20	SISO	1	165	5825	MCS0	-	17.00	16.78	30.00	-0.24	16.54	36.00	Pass
VHT40	SISO	1	151	5755	MCS0	-	17.00	17.28	30.00	-0.24	17.04	36.00	Pass
VHT40	SISO	1	159	5795	MCS0	-	17.00	17.24	30.00	-0.24	17.00	36.00	Pass
HE20	SISO	1	149	5745	MCS0	Full	17.00	17.48	30.00	-0.24	17.24	36.00	Pass
HE20	SISO	1	157	5785	MCS0	Full	17.00	17.38	30.00	-0.24	17.14	36.00	Pass
HE20	SISO	1	165	5825	MCS0	Full	17.00	16.94	30.00	-0.24	16.70	36.00	Pass
HE40	SISO	1	151	5755	MCS0	Full	17.00	17.44	30.00	-0.24	17.20	36.00	Pass
HE40	SISO	1	159	5795	MCS0	Full	17.00	17.41	30.00	-0.24	17.17	36.00	Pass



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<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 v02r01.

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

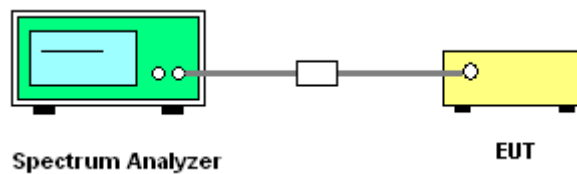
Method SA-2

(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

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

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

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

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

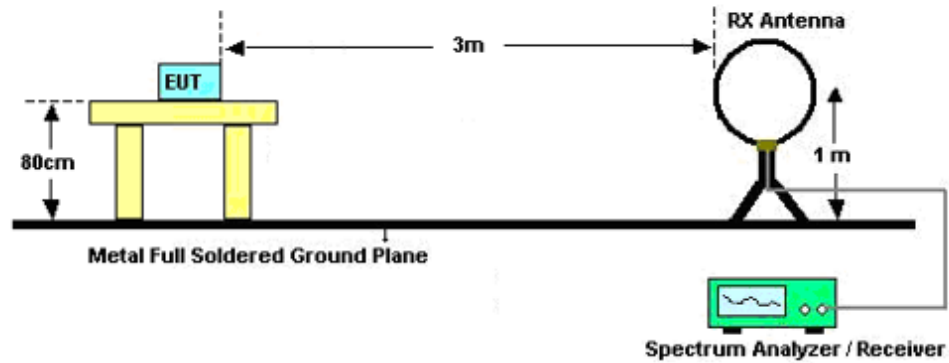
The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

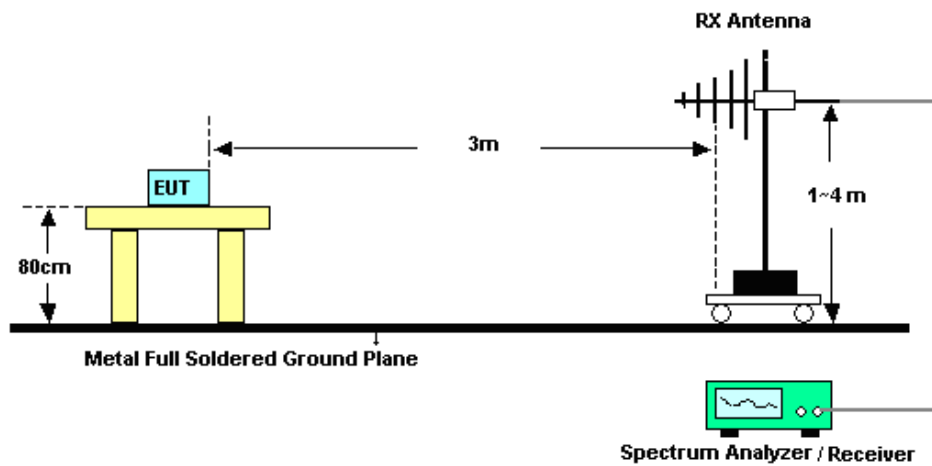
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold(2) Procedure for Peak Unwanted 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

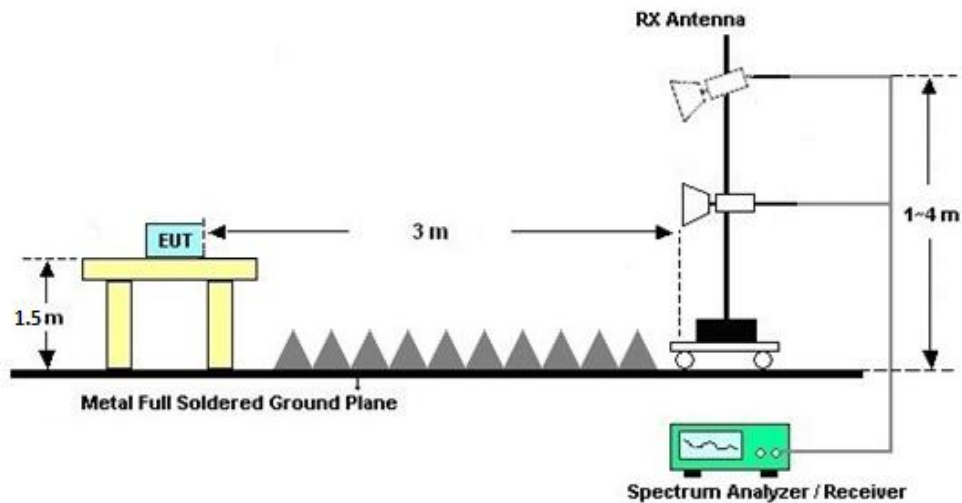
For radiated emissions below 30MHz



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 (dB μ V)	
	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.

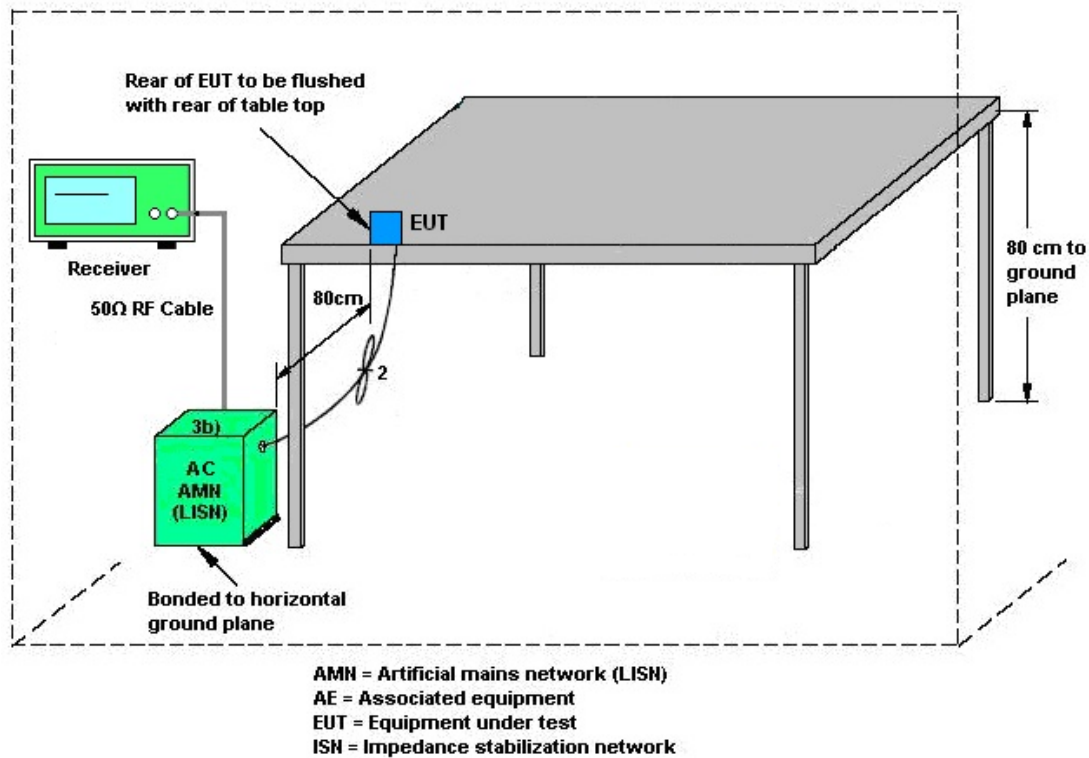
3.5.2 Measuring Instruments

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 Test Receiver	Keysight	N9038A	MY57290157	3Hz~8.5GHz;Ma x 30dBm	Feb. 28, 2026	Aug. 18, 2026~ Aug. 21, 2026	Feb. 27, 2027	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY57471084	10Hz~44GHz	Jul. 02, 2026	Aug. 18, 2026~ Aug. 21, 2026	Jul. 01, 2027	Radiation (03CH06-KS)
Active loop antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Aug. 09, 2026	Aug. 18, 2026~ Aug. 21, 2026	Aug. 08, 2027	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz~1GHz	Mar. 11, 2026	Aug. 18, 2026~ Aug. 21, 2026	Mar. 10 2027	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00240132	1GHz~18GHz	Jun. 25, 2026	Aug. 18, 2026~ Aug. 21, 2026	Jun. 24, 2027	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101116	18GHz~40GHz	Oct. 18, 2025	Aug. 18, 2026~ Aug. 21, 2026	Oct. 17, 2026	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	380827	9KHz ~1GHZ	Jul. 02, 2026	Aug. 18, 2026~ Aug. 21, 2026	Jul. 01, 2027	Radiation (03CH06-KS)
Amplifier	EM	EM18G40GA	060728	18~40GHz	Dec. 26, 2025	Aug. 18, 2026~ Aug. 21, 2026	Dec. 25, 2026	Radiation (03CH06-KS)
high gain Amplifier	EM	EM01G18GA	060845	1Ghz~18Ghz	Dec. 25, 2025	Aug. 18, 2026~ Aug. 21, 2026	Dec. 24, 2026	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY57280119	500MHz~26.5G Hz	Oct. 10, 2025	Aug. 18, 2026~ Aug. 21, 2026	Oct. 09, 2026	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Aug. 18, 2026~ Aug. 21, 2026	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Aug. 18, 2026~ Aug. 21, 2026	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Aug. 18, 2026~ Aug. 21, 2026	NCR	Radiation (03CH06-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Jun. 16, 2026	Aug. 07, 2026~ Aug. 23, 2026	Jun. 15, 2027	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Dec. 25, 2025	Aug. 07, 2026~ Aug. 23, 2026	Dec. 24, 2026	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Dec. 25, 2025	Aug. 07, 2026~ Aug. 23, 2026	Dec. 24, 2026	Conducted (TH01-KS)
EMI Receiver	R&S	ESC17	100768	9kHz~7GHz;	Apr. 08, 2026	Aug. 05, 2026	Apr. 07, 2027	Conduction (CO01-KS)
AC LISN	R&S	ENV216	100334	9kHz~30MHz	Apr. 08, 2026	Aug. 05, 2026	Apr. 07, 2027	Conduction (CO01-KS)
AC Power Source	Ouhan	APW-130NY T	202201040 060	AC 0V~300V,45H z~1000Hz	Apr. 08, 2026	Aug. 05, 2026	Apr. 07, 2027	Conduction (CO01-KS)

NCR: No Calibration Required



5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10. 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	± 1.92 dB
Occupied Channel Bandwidth	$\pm 0.42\%$
Conducted Power	± 1.30 dB
Conducted Power Spectral Density	± 1.44 dB
Frequency	± 0.99 ppm

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.09 dB
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Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.30 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.26 dB
---	---------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.06 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.52 dB
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----- THE END -----



Appendix A. Conducted Test Results

Ambient Condition: 25 °C, 45 %RHTest Date: 2026.8.7~8.23Test Engineer: Smile

Emission Bandwidth

Test Result

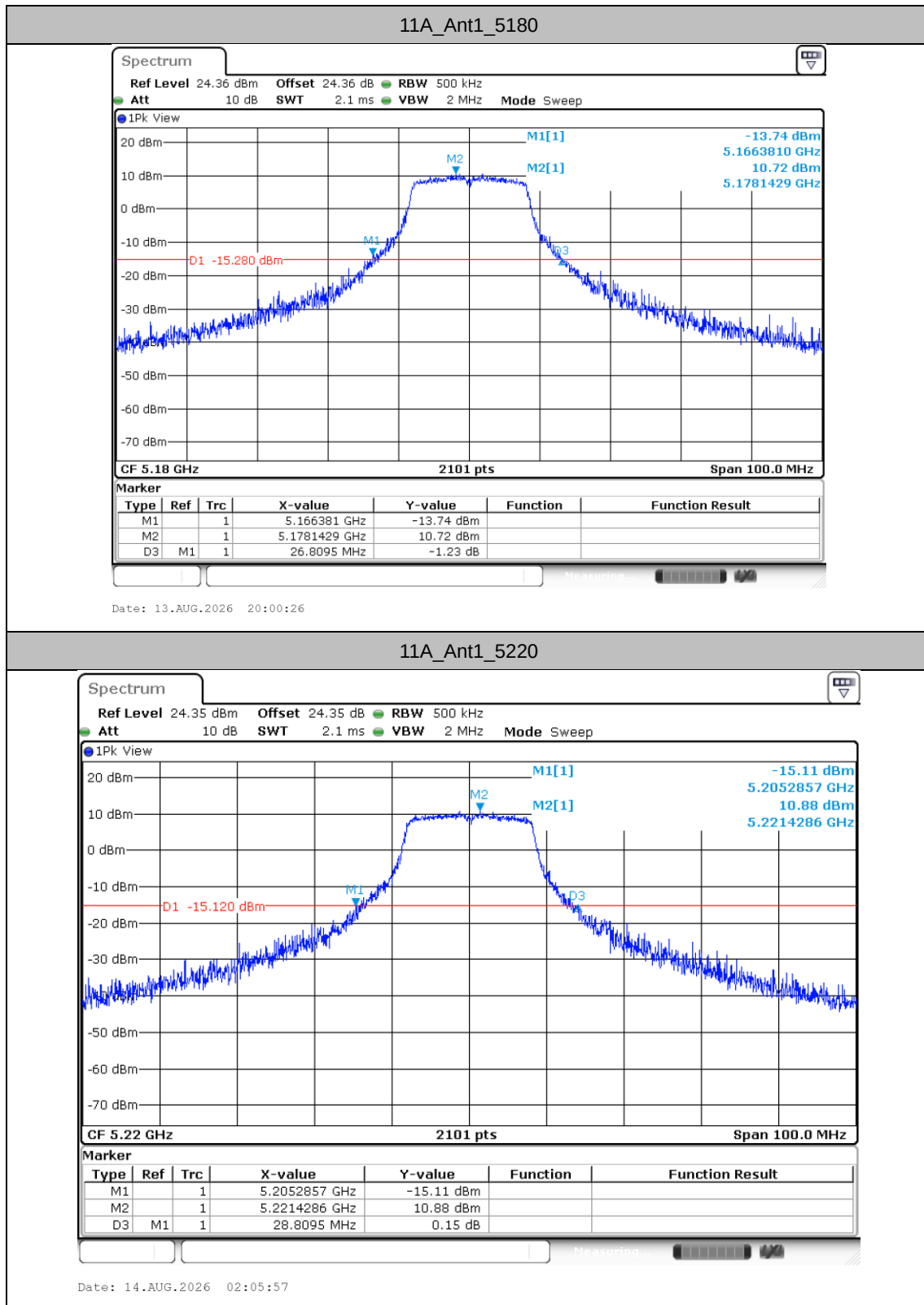
TestMode	Antenna	Freq(MHz)	26dB EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	26.81	5166.38	5193.19
		5220	28.81	5205.29	5234.10
		5240	29.57	5223.86	5253.43
		5260	28.90	5245.10	5274.00
		5300	27.86	5285.57	5313.43
		5320	28.38	5305.71	5334.10
		5500	32.33	5482.95	5515.29
		5580	36.14	5562.52	5598.67
		5700	36.62	5682.00	5718.62
		5720	36.90	5702.48	5739.38
		5745	37.81	5726.24	5764.05
		5785	37.76	5764.81	5802.57
		5825	35.14	5807.48	5842.62
11AC20SISO	Ant1	5180	29.14	5165.14	5194.29
		5220	28.76	5205.14	5233.90
		5240	28.52	5225.71	5254.24
		5260	29.76	5245.24	5275.00
		5300	28.38	5285.62	5314.00
		5320	33.05	5305.24	5338.29
		5500	32.81	5483.67	5516.48
		5580	38.52	5562.33	5600.86
		5700	40.24	5679.14	5719.38
		5720	39.81	5700.43	5740.24
		5745	42.10	5722.81	5764.90
		5785	39.14	5766.43	5805.57
		5825	35.48	5806.29	5841.76
11AC40SISO	Ant1	5190	46.67	5166.86	5213.52
		5230	46.19	5206.67	5252.86
		5270	49.81	5244.38	5294.19
		5310	48.95	5285.43	5334.38
		5510	47.71	5486.57	5534.29

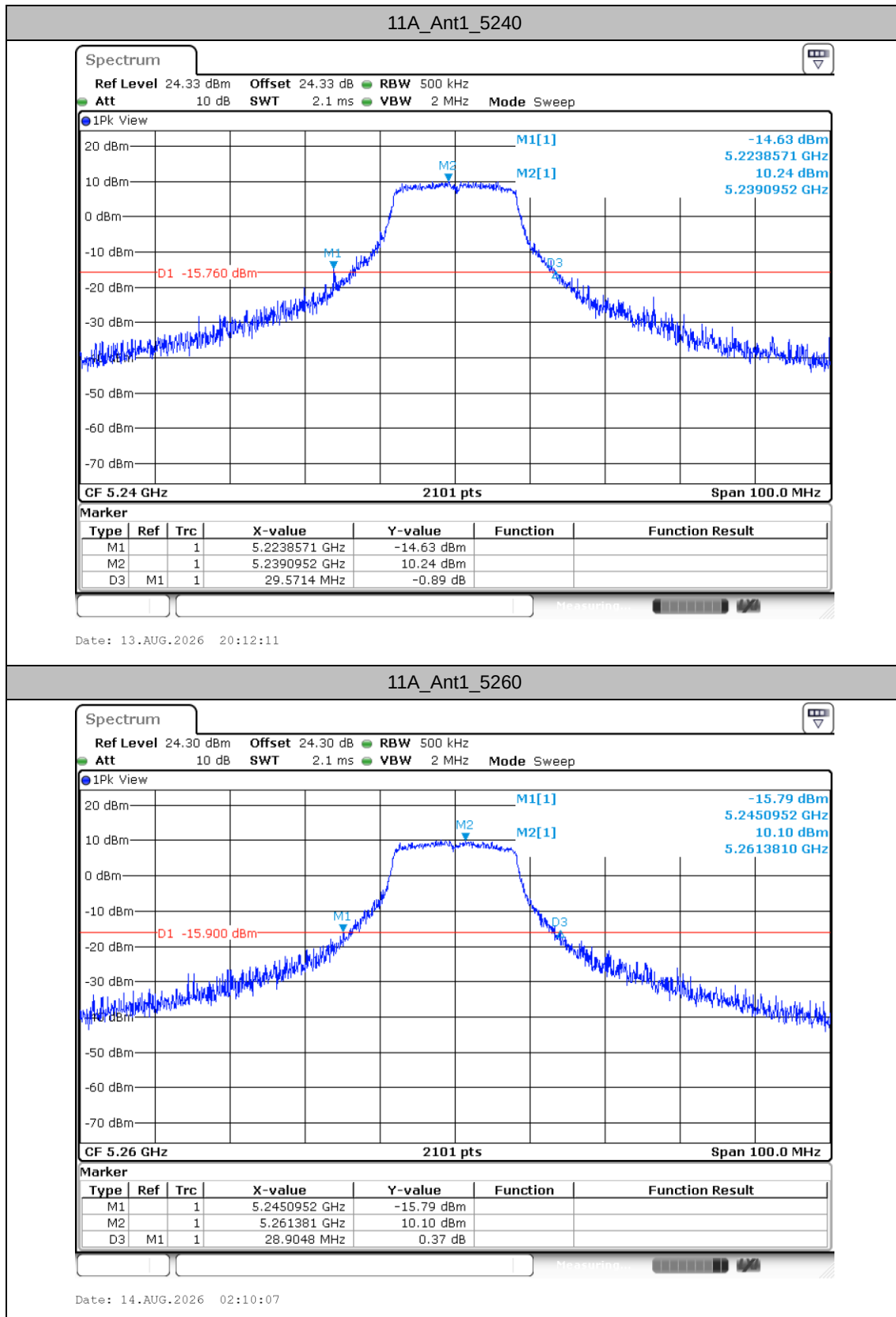


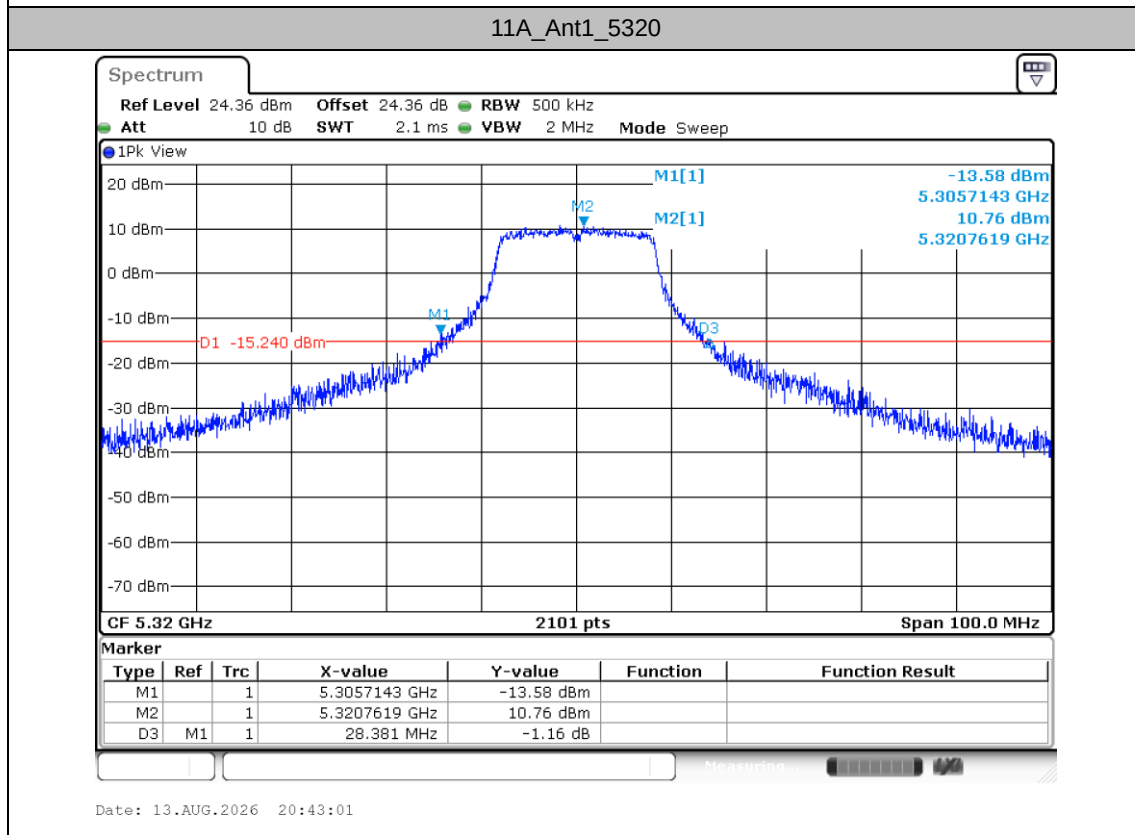
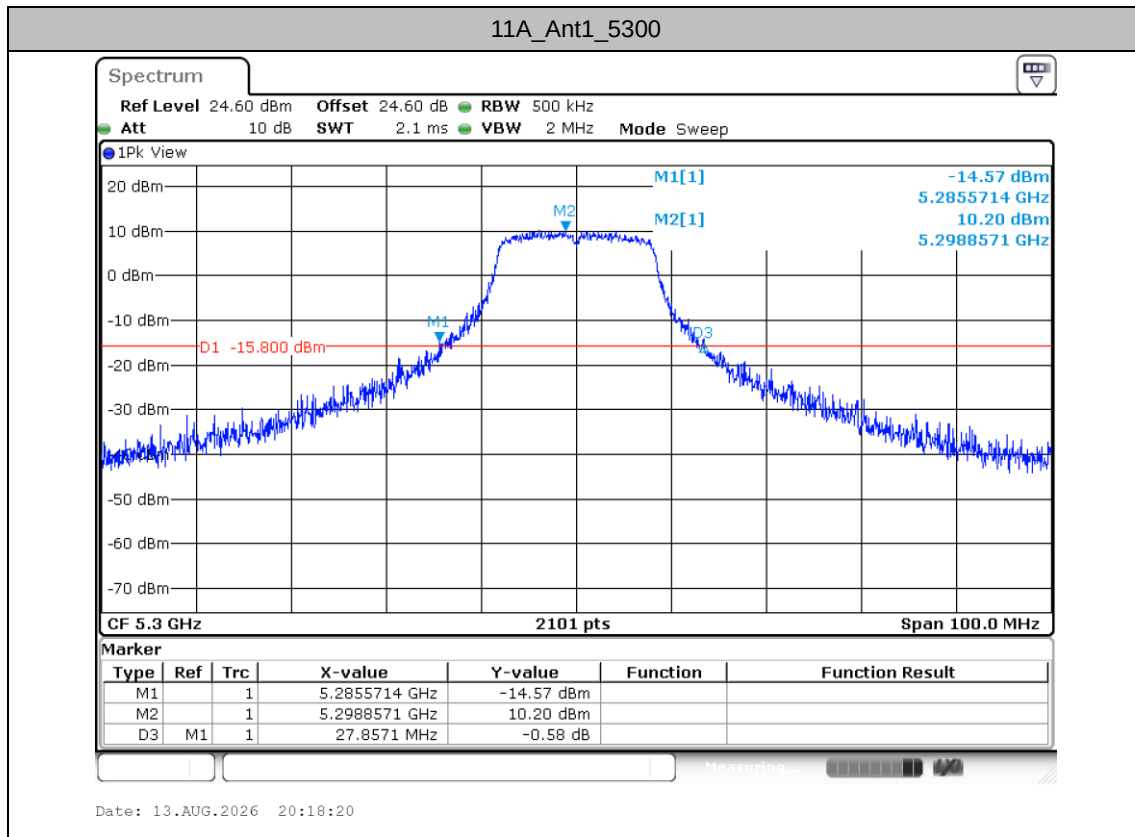
		5670	91.05	5624.76	5715.81
		5710	78.19	5671.14	5749.33
		5755	83.24	5711.38	5794.62
		5795	85.90	5755.95	5841.86
11AX20SISO	Ant1	5180	27.14	5168.76	5195.90
		5220	28.76	5206.43	5235.19
		5240	29.14	5226.33	5255.48
		5260	28.43	5245.86	5274.29
		5300	28.57	5286.24	5314.81
		5320	28.52	5306.76	5335.29
		5500	30.67	5485.90	5516.57
		5580	31.14	5565.19	5596.33
		5700	35.10	5682.14	5717.24
		5720	34.76	5701.14	5735.90
		5745	33.38	5727.67	5761.05
		5785	38.90	5762.86	5801.76
		5825	30.62	5810.43	5841.05
11AX40SISO	Ant1	5190	44.86	5167.62	5212.48
		5230	44.86	5207.24	5252.10
		5270	46.00	5247.33	5293.33
		5310	45.52	5286.48	5332.00
		5510	46.57	5486.67	5533.24
		5670	66.57	5638.48	5705.05
		5710	72.48	5672.19	5744.67
		5755	70.19	5717.48	5787.67
		5795	59.43	5758.81	5818.24

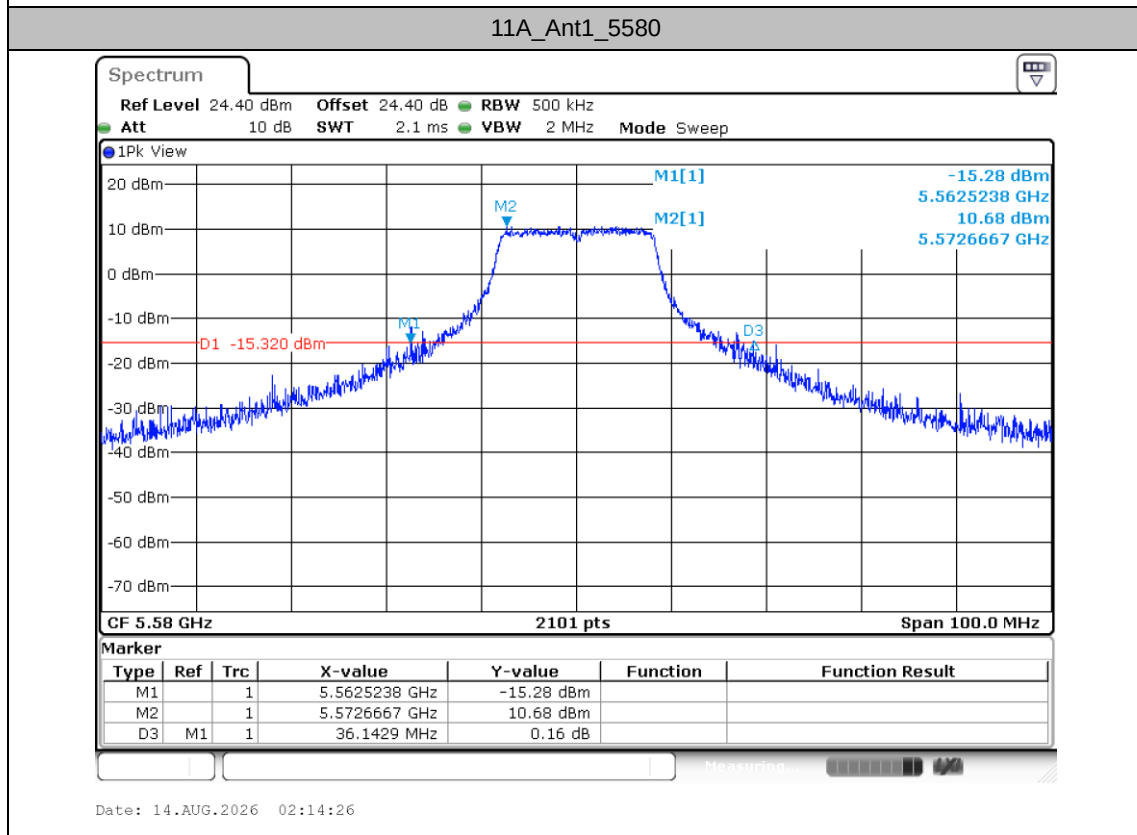
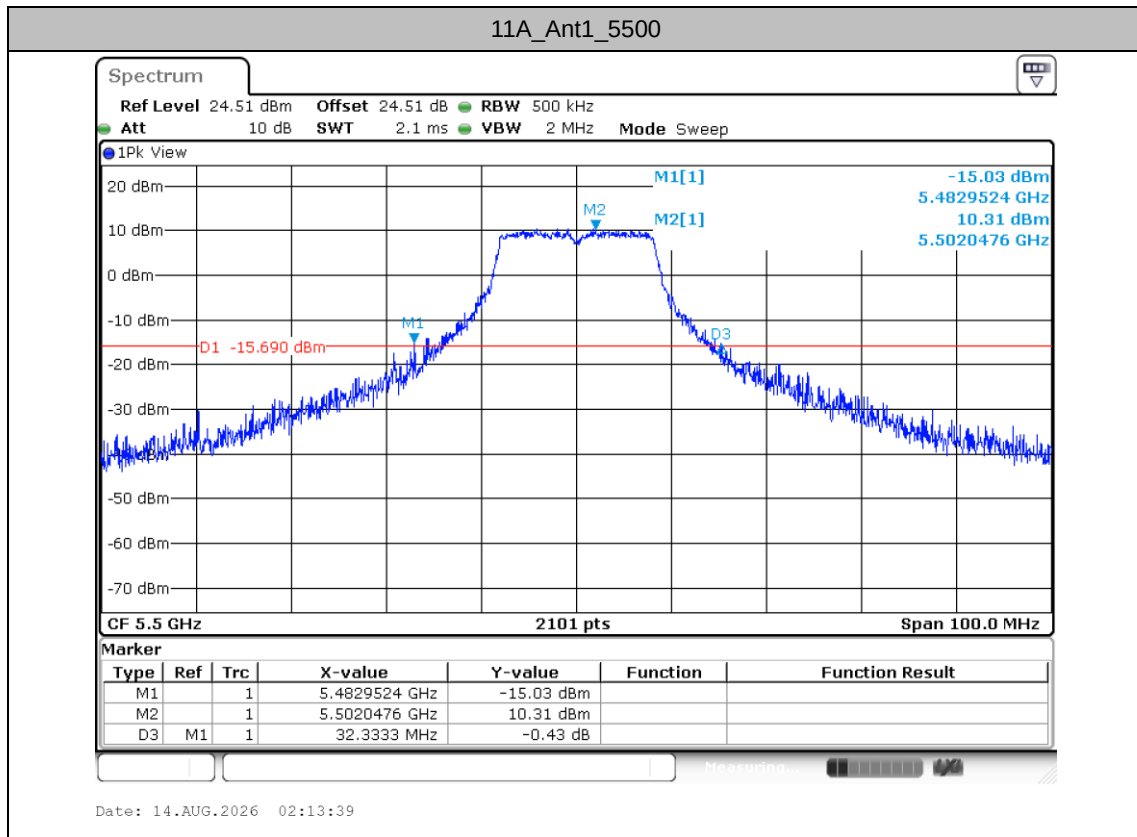


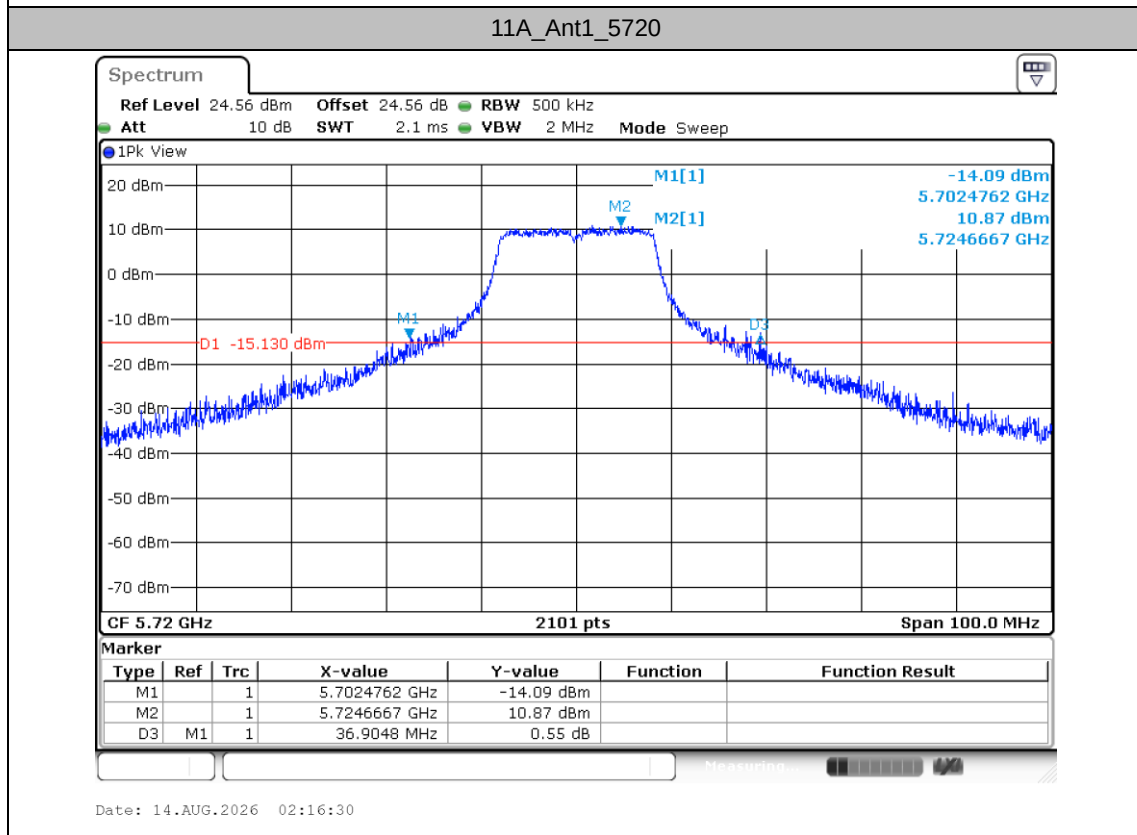
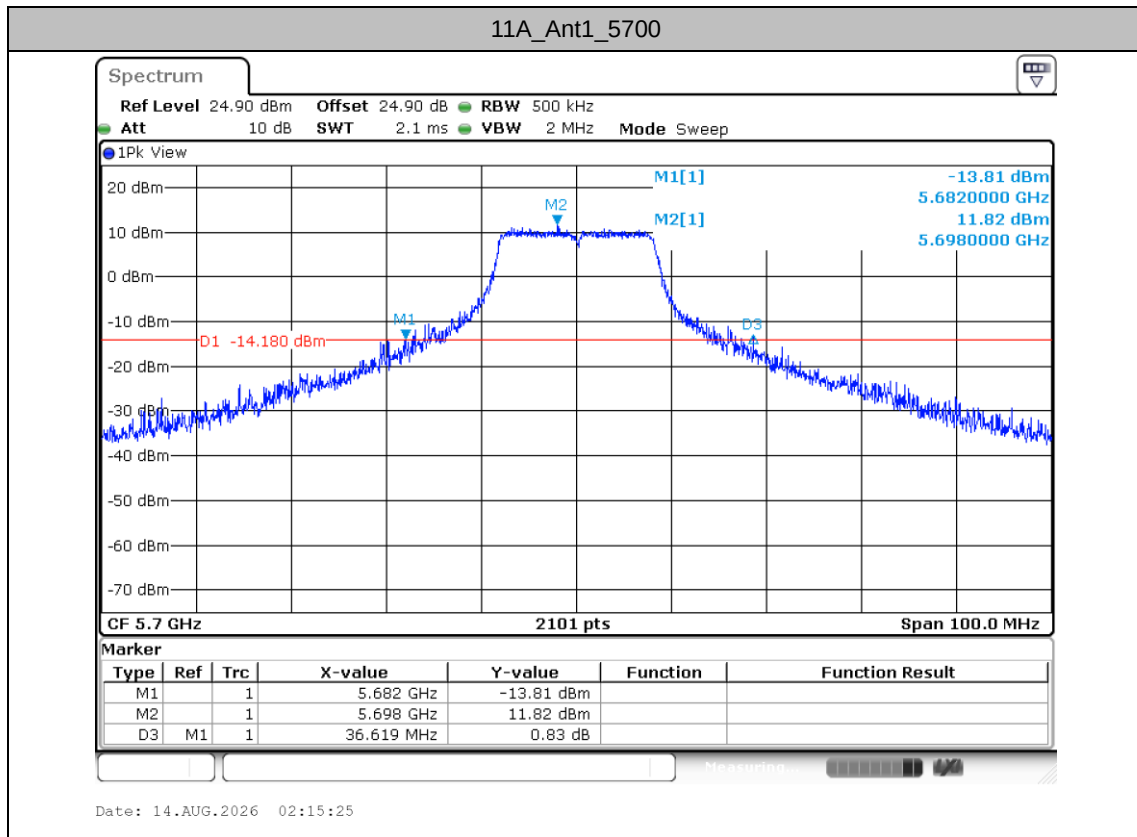
Test Graphs

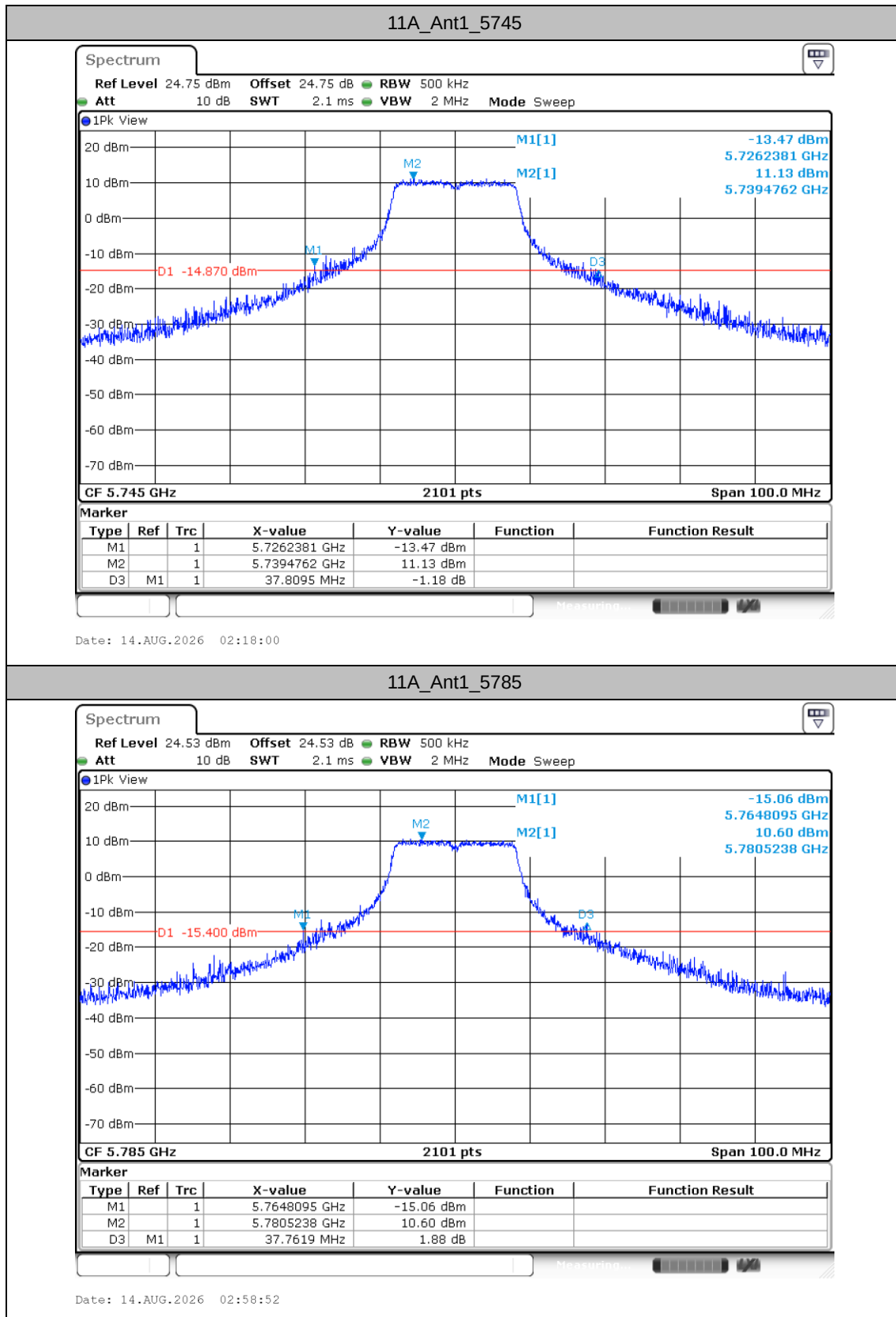


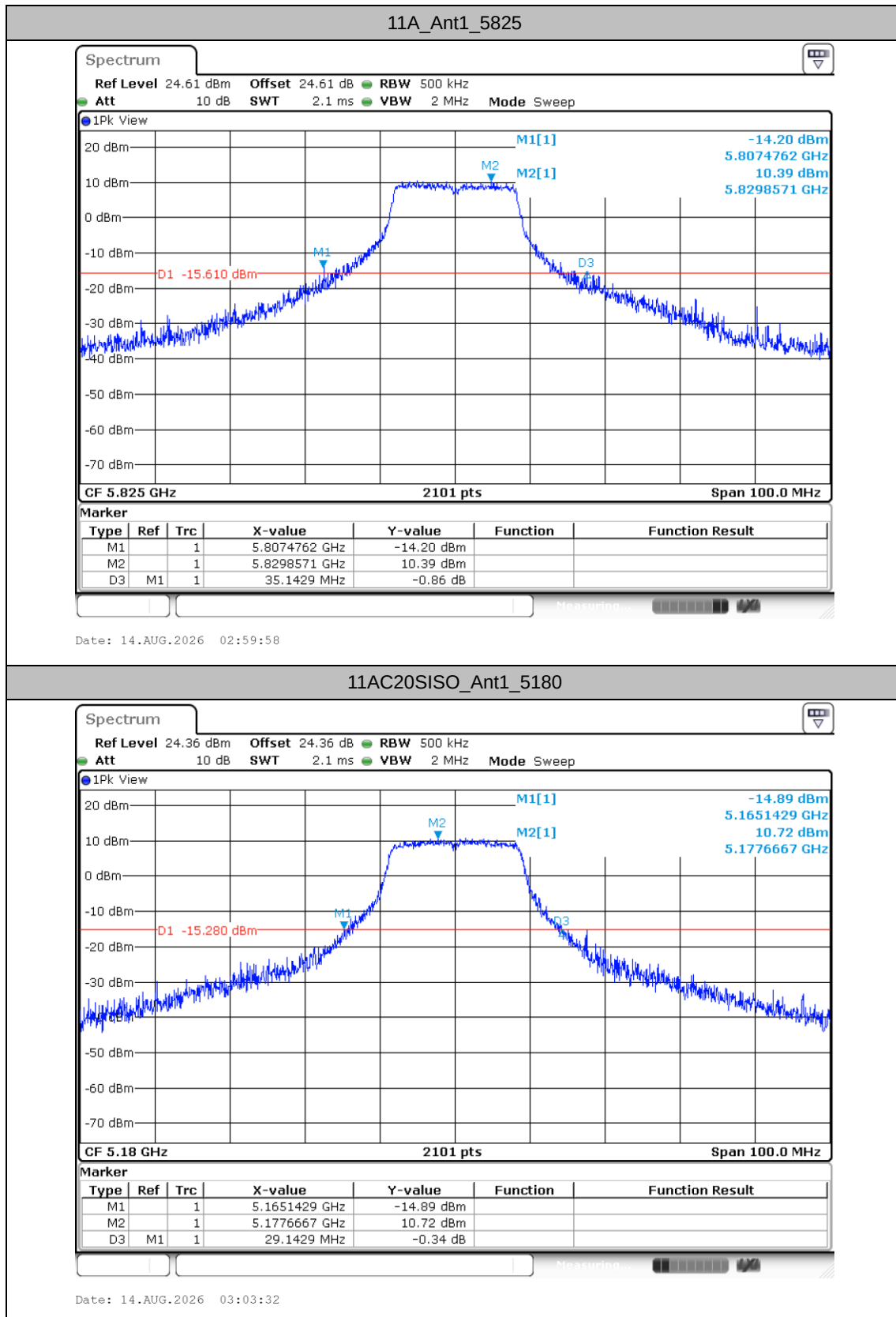


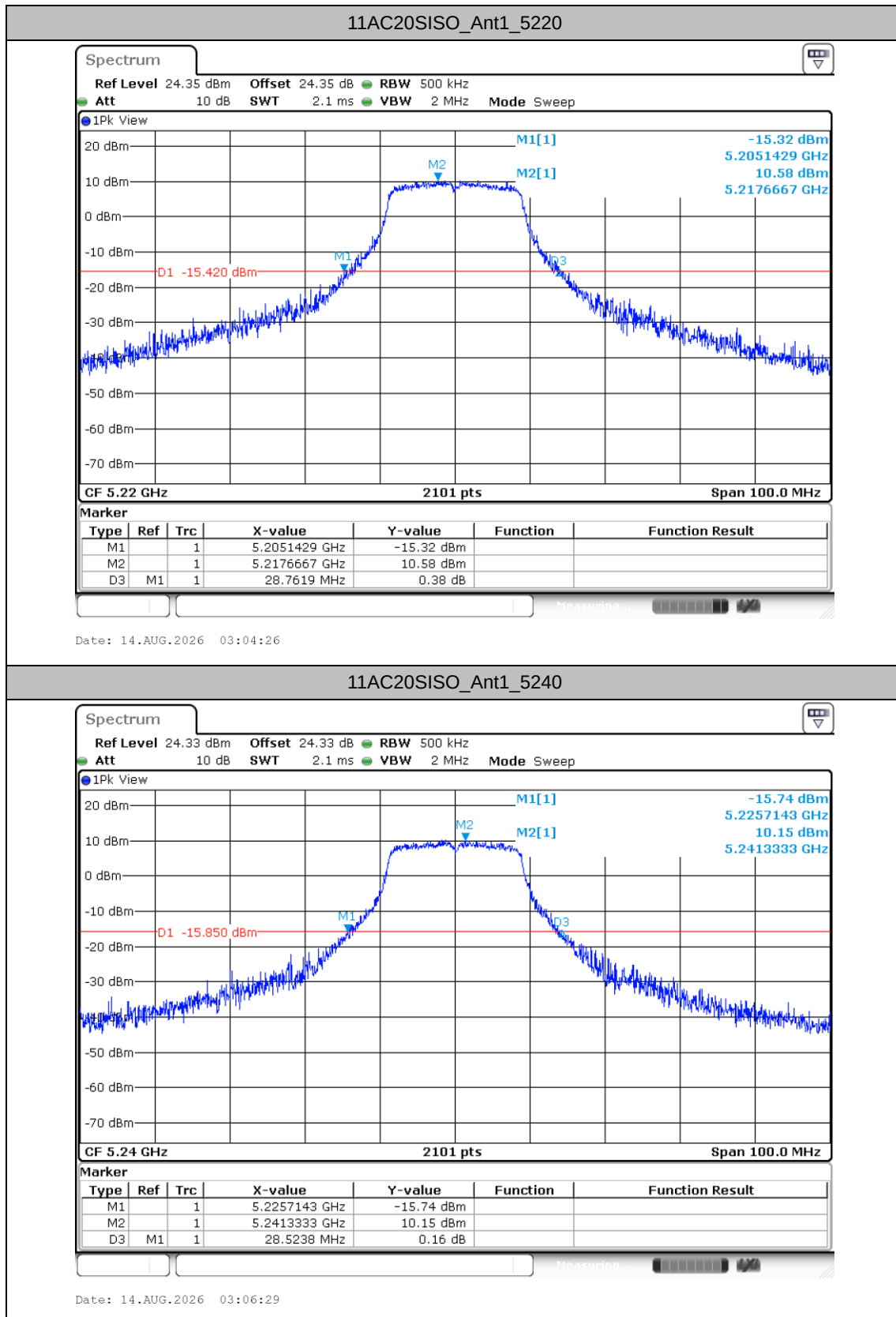


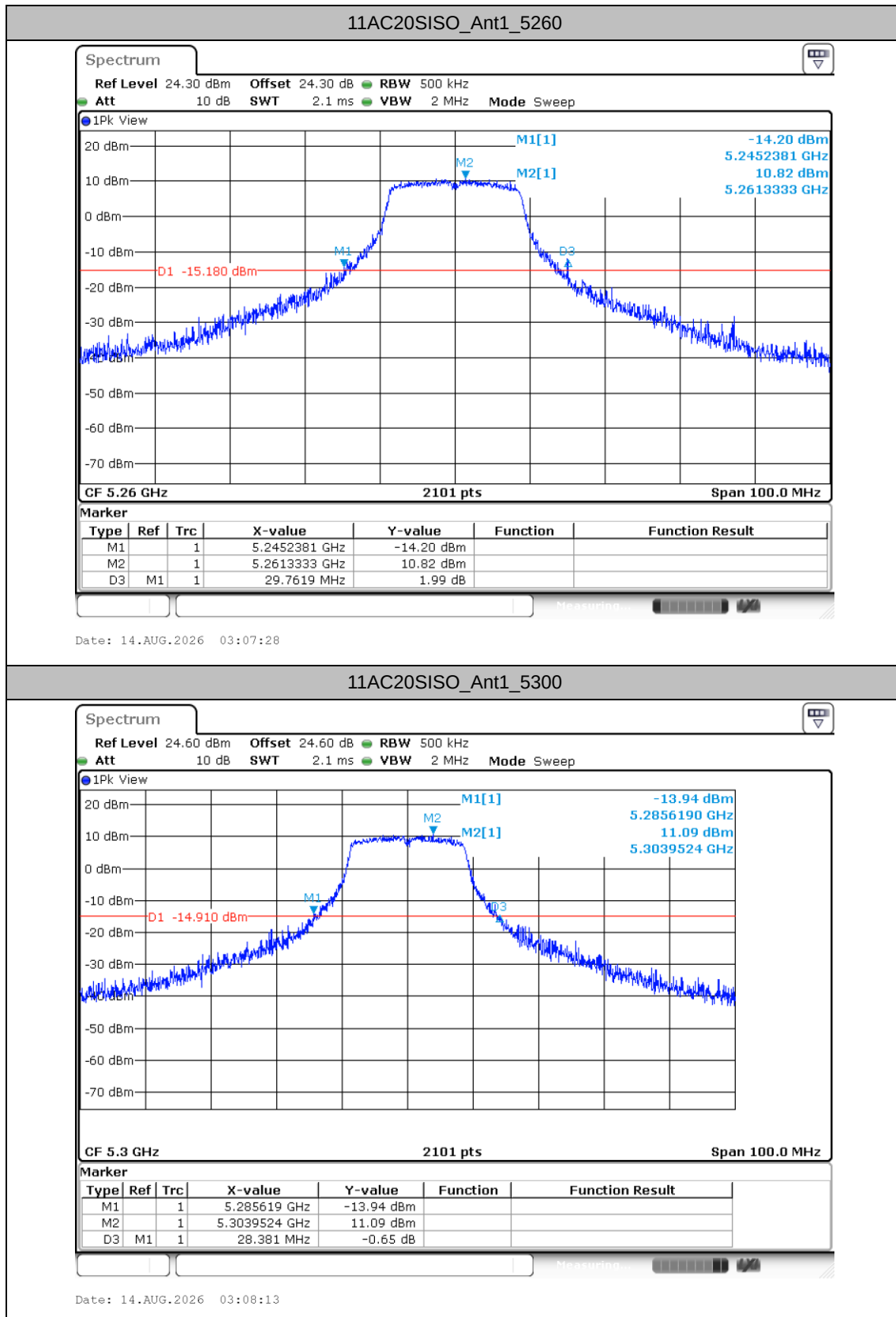


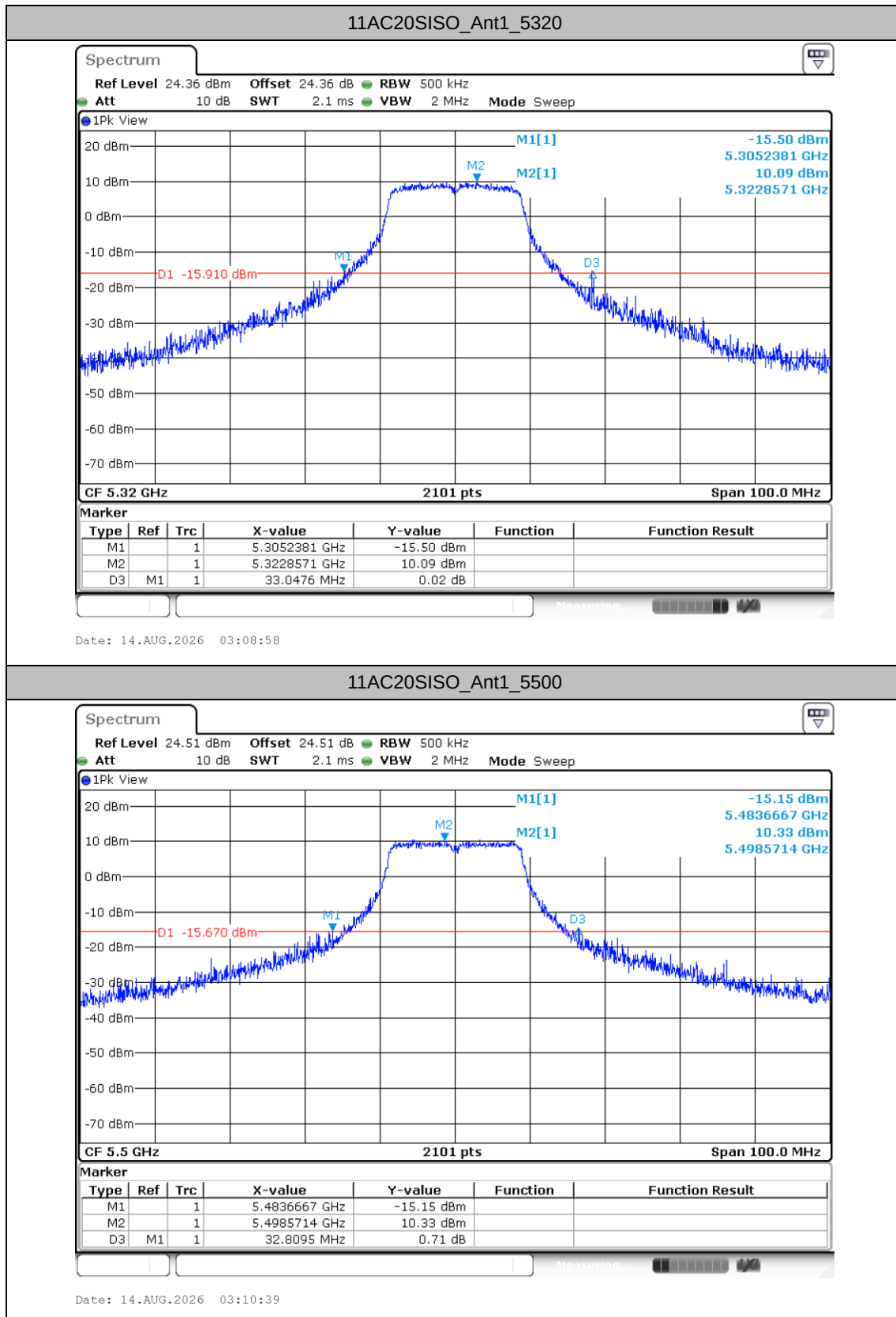


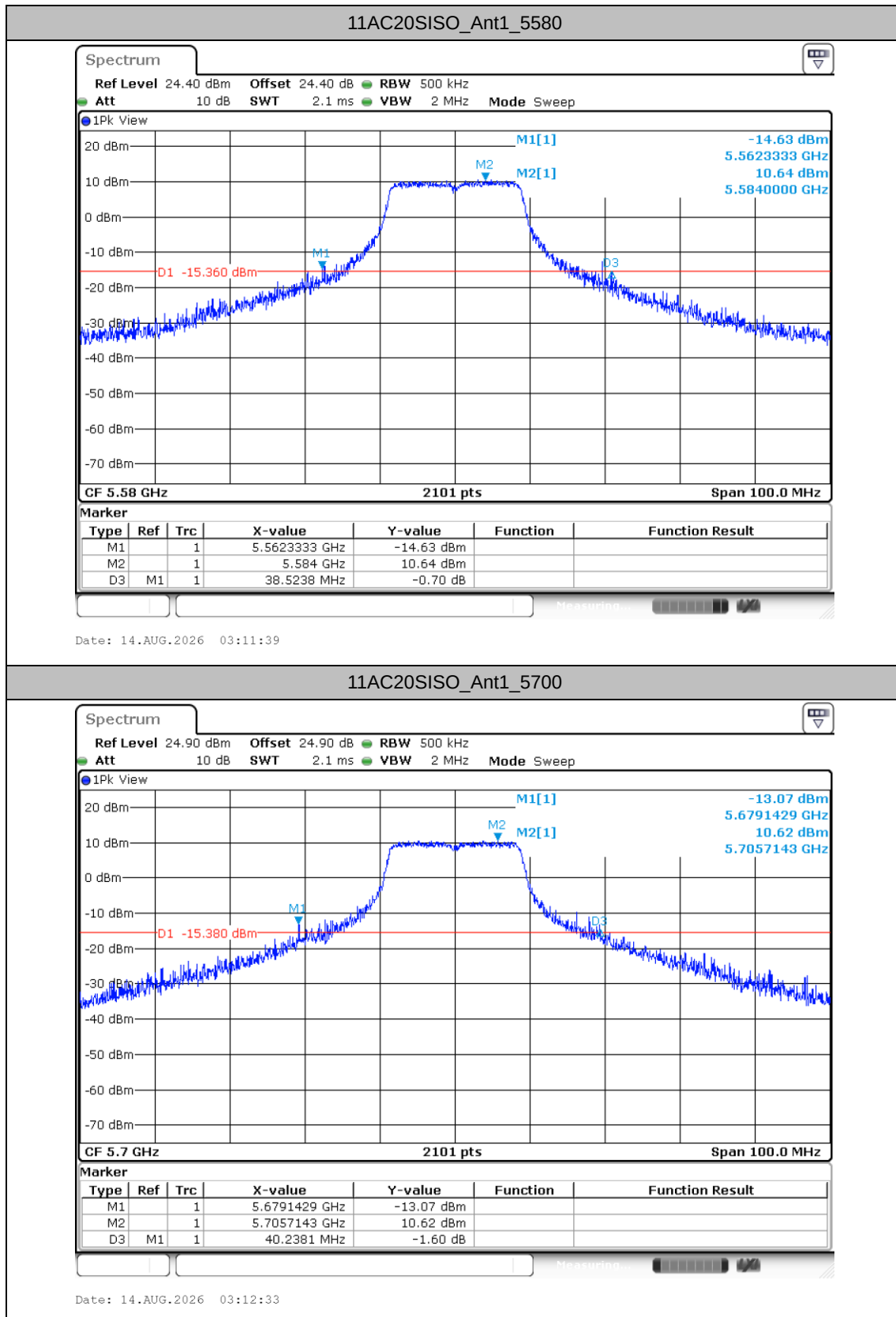


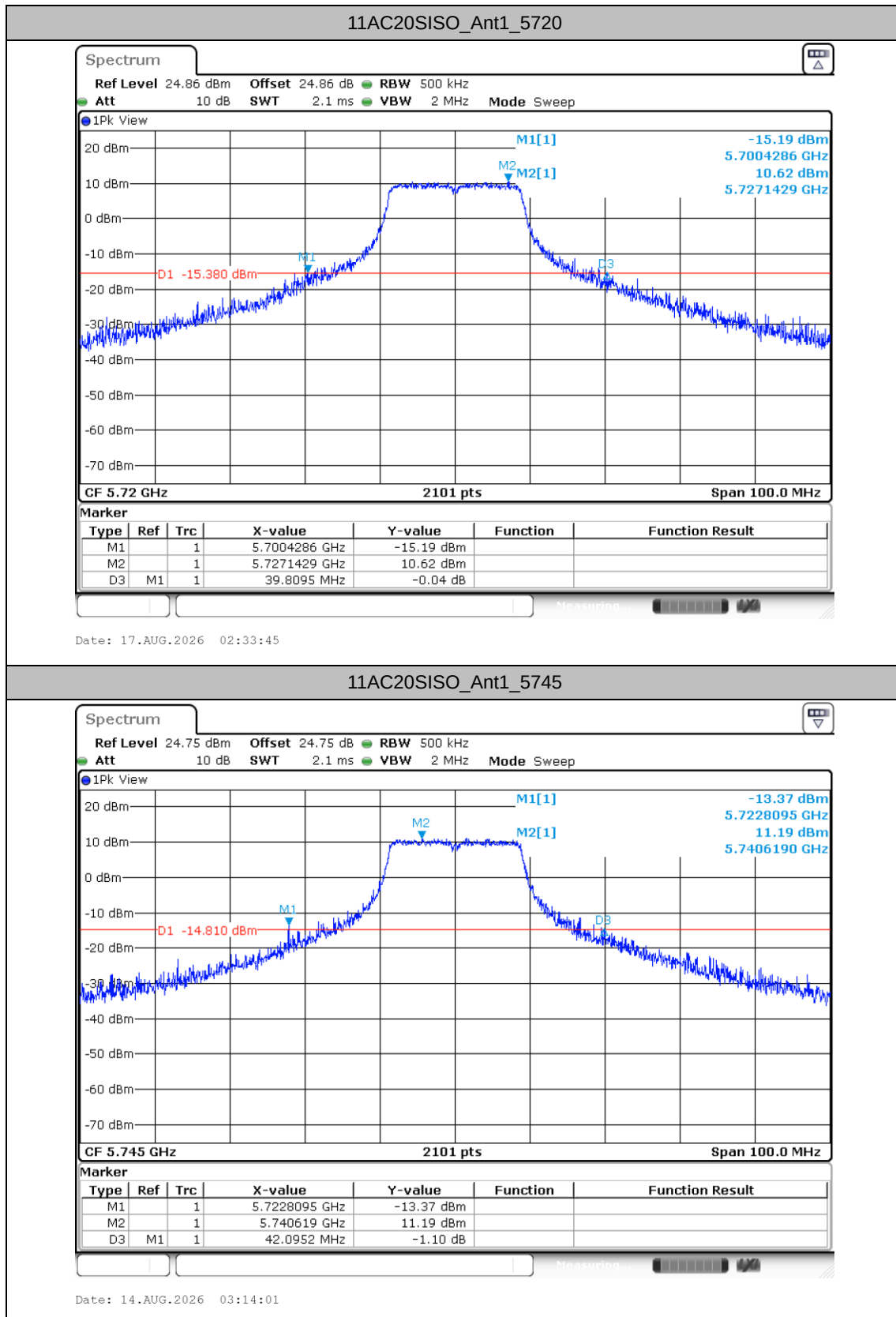


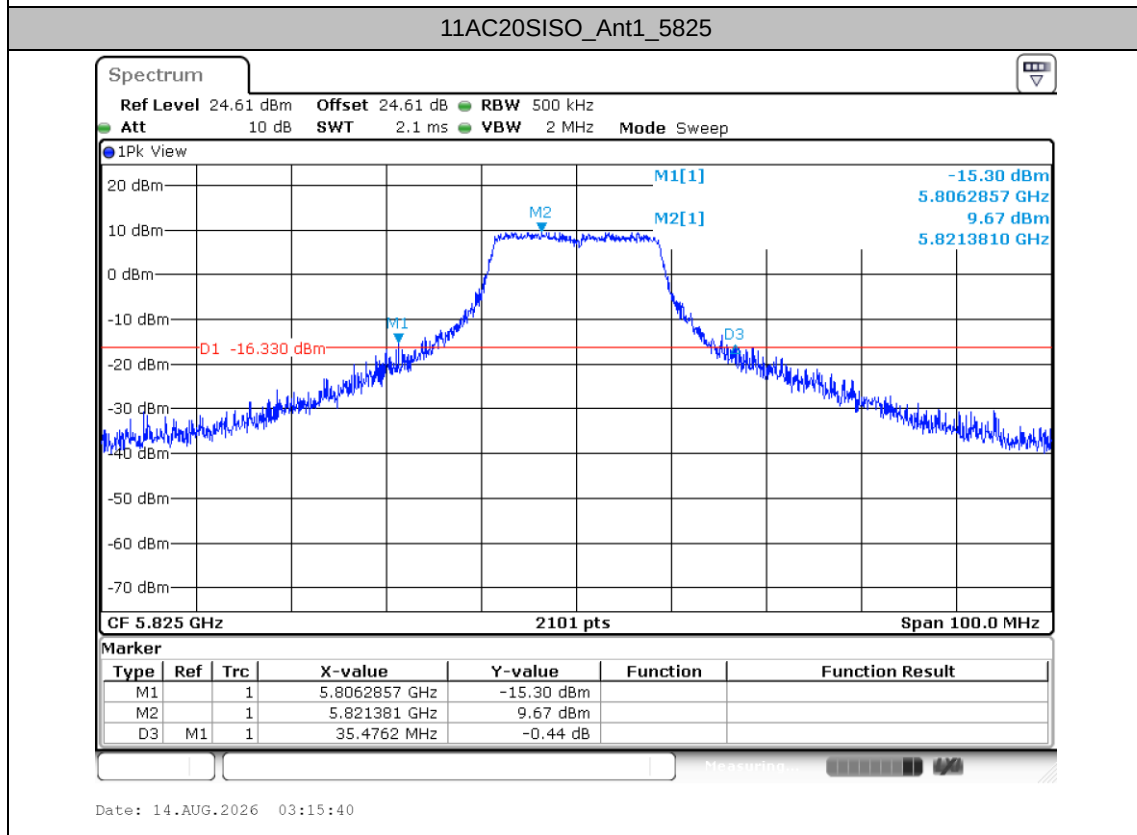
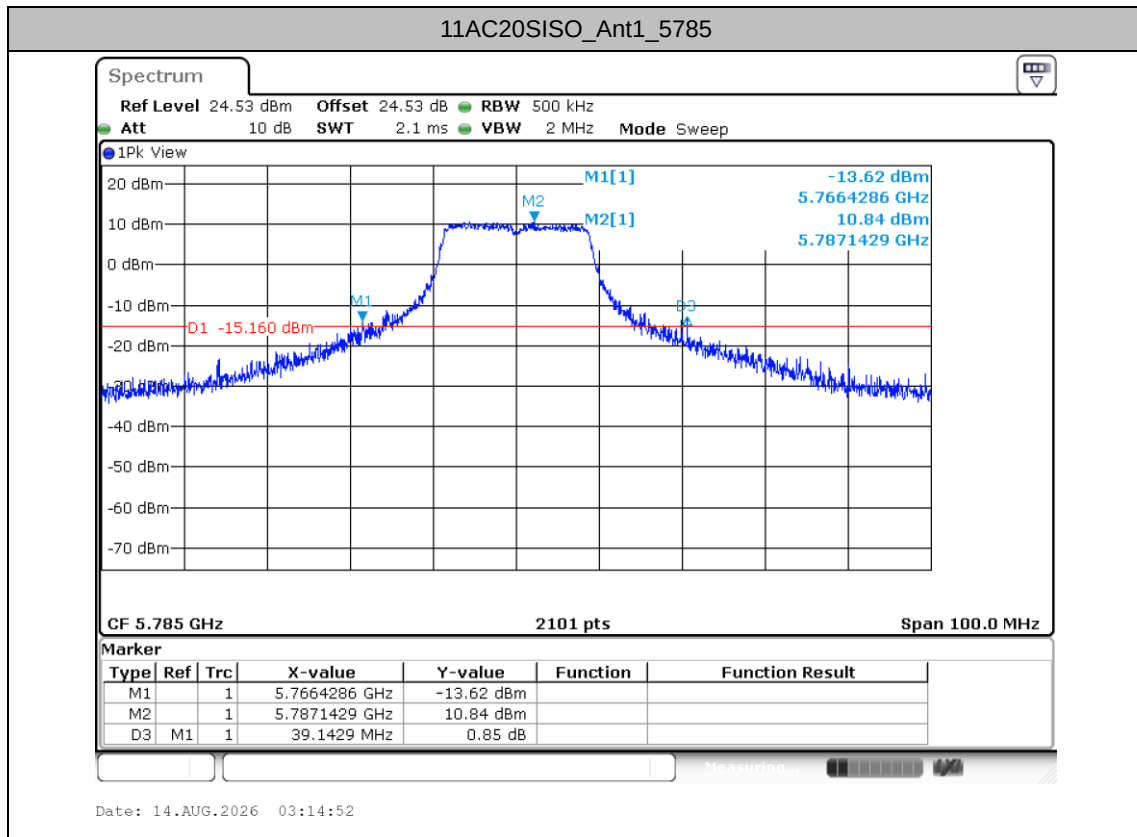


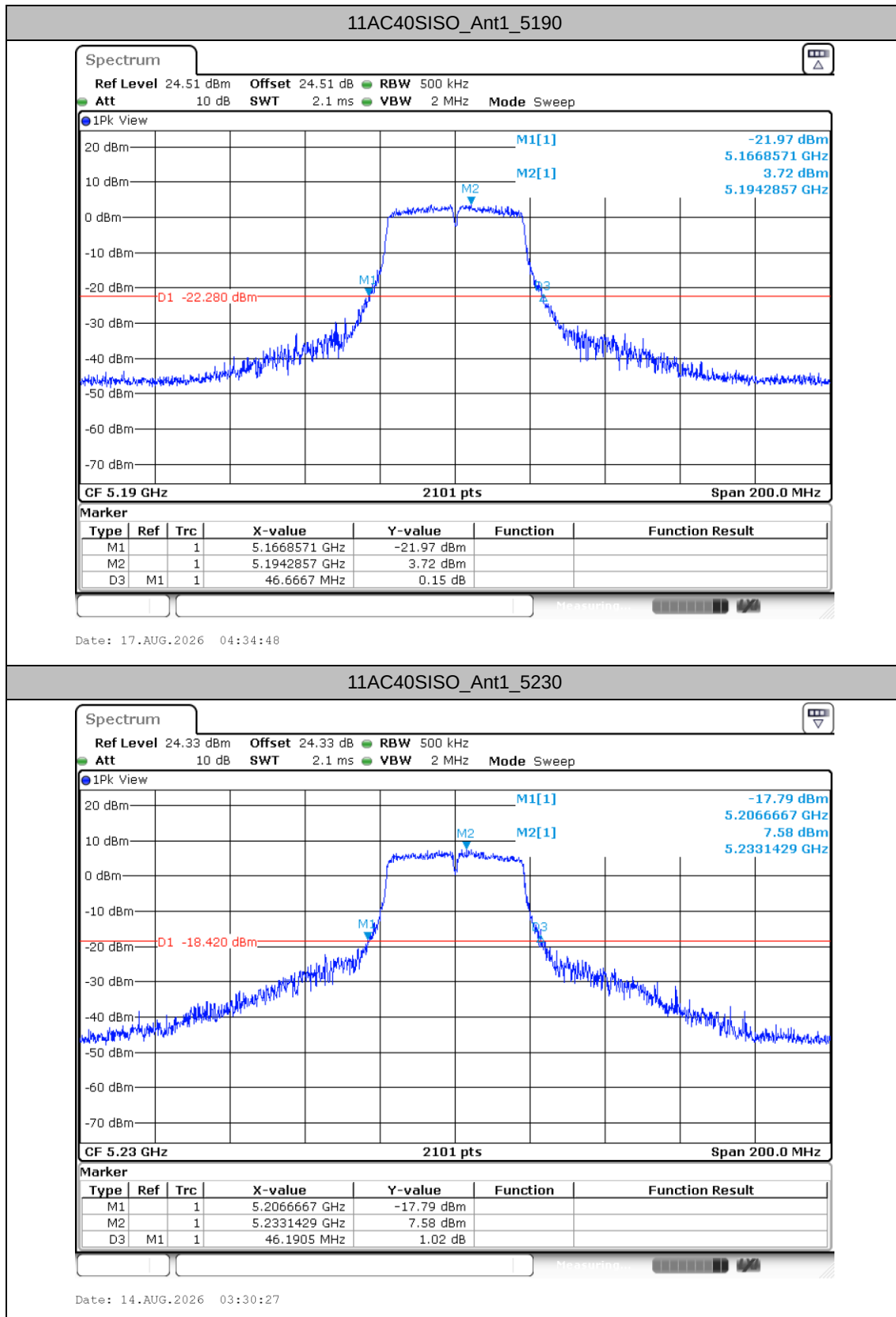


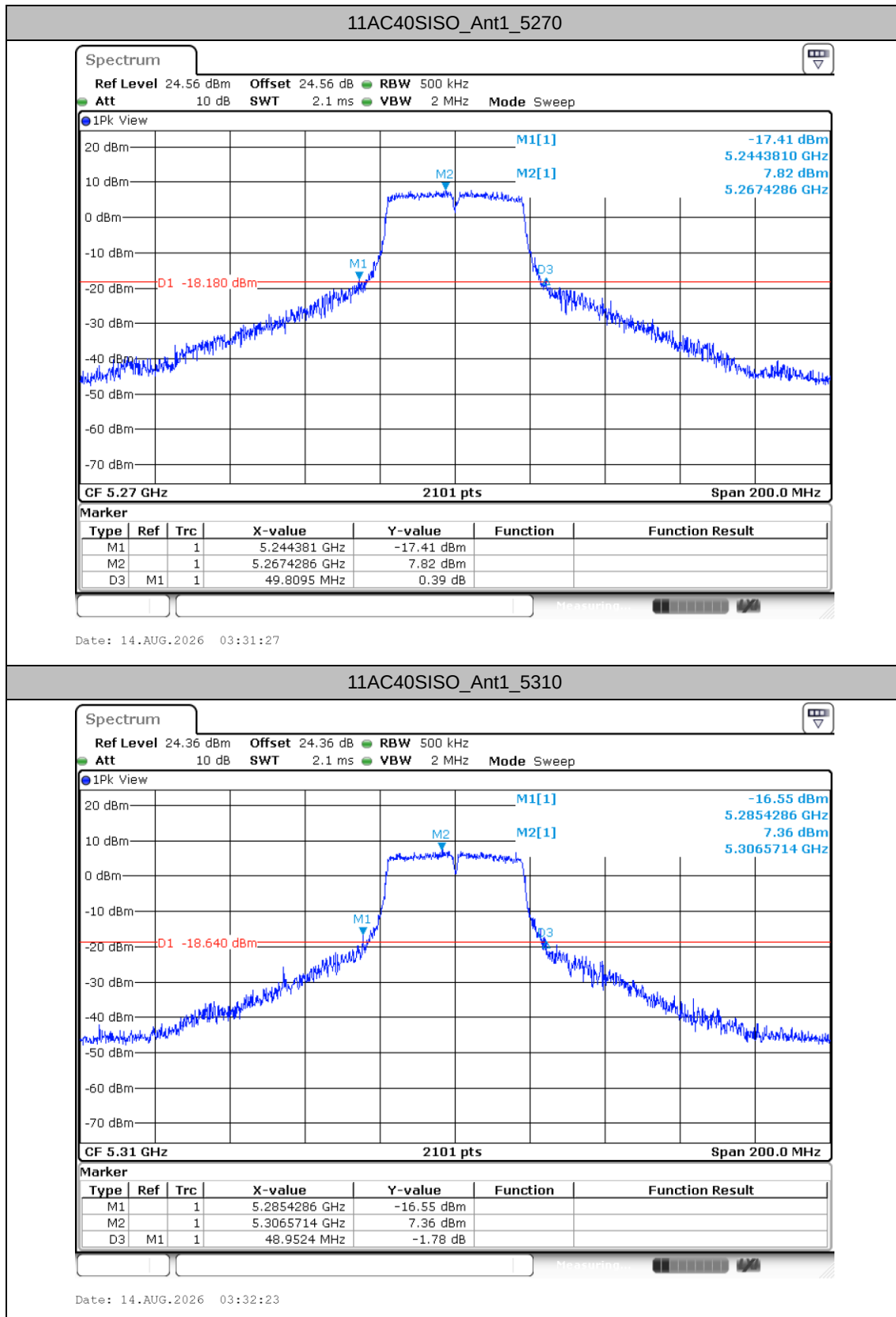


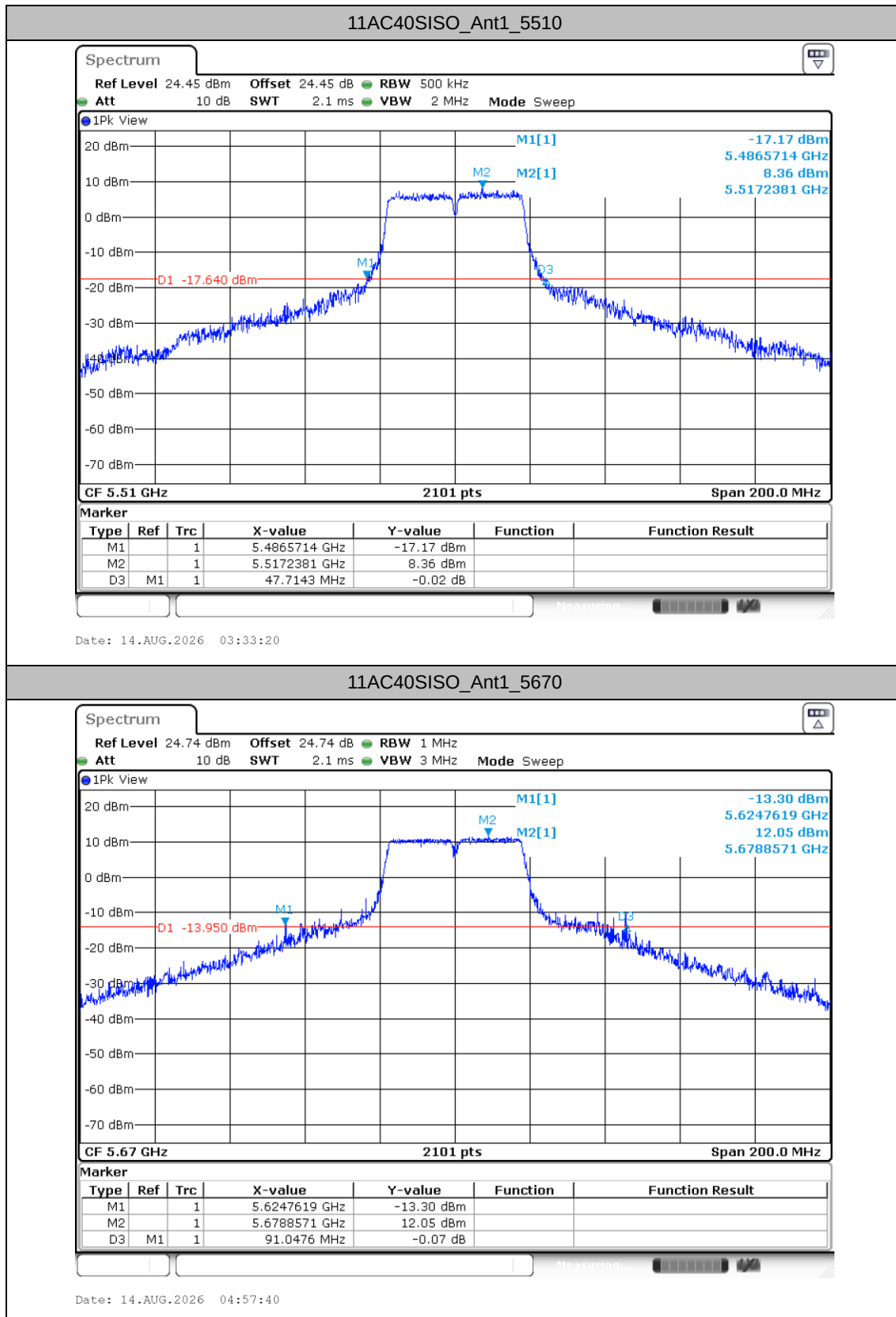


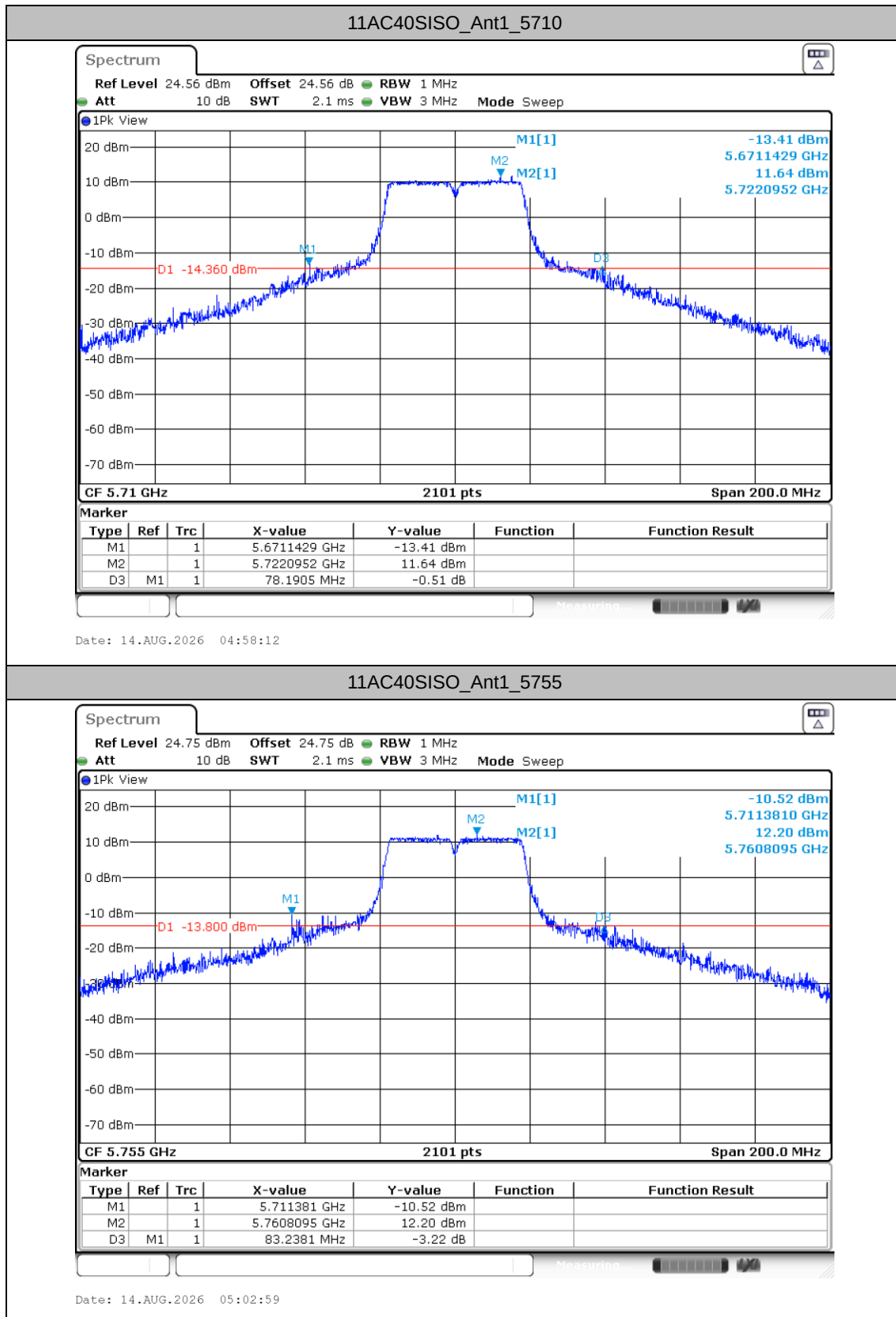


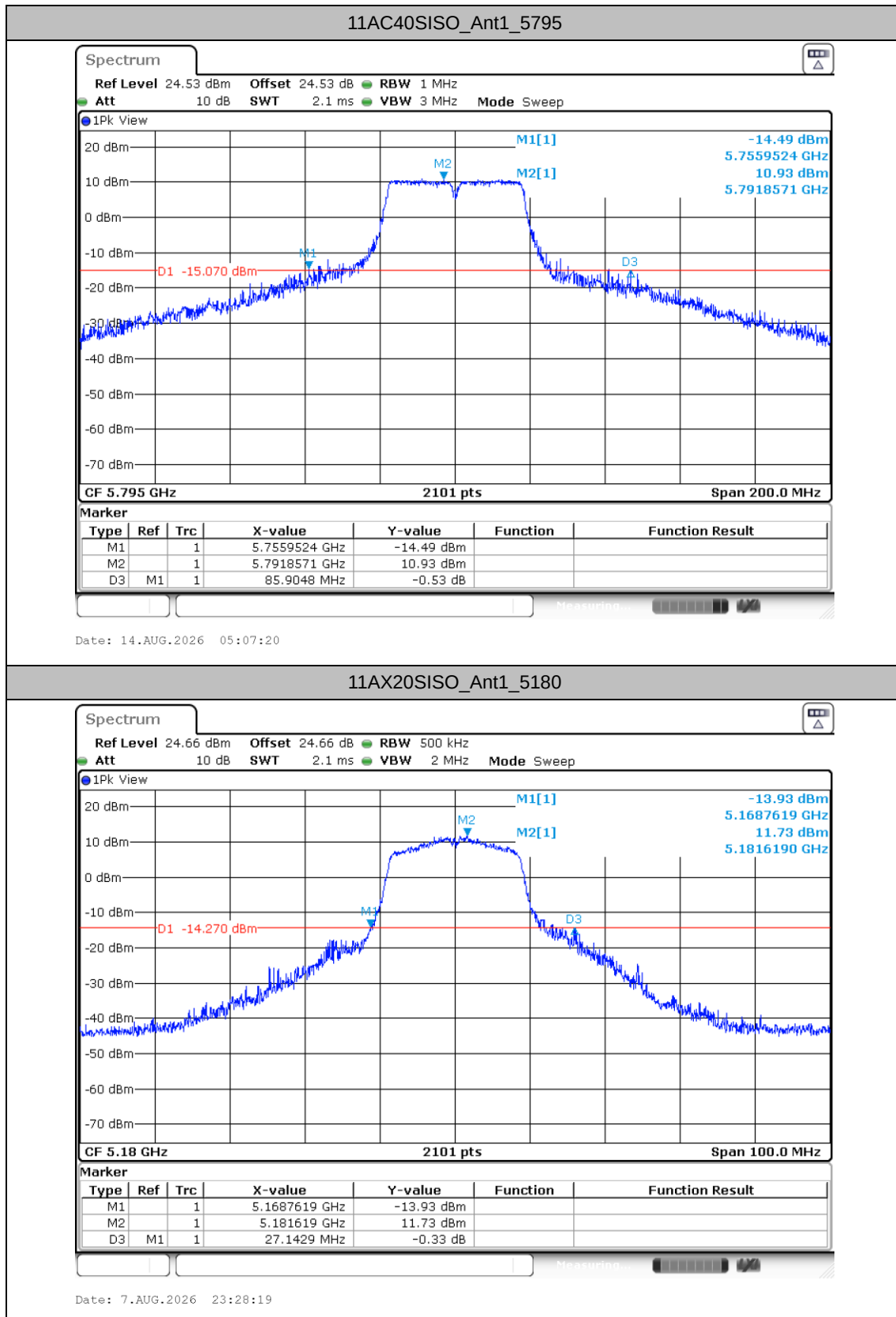


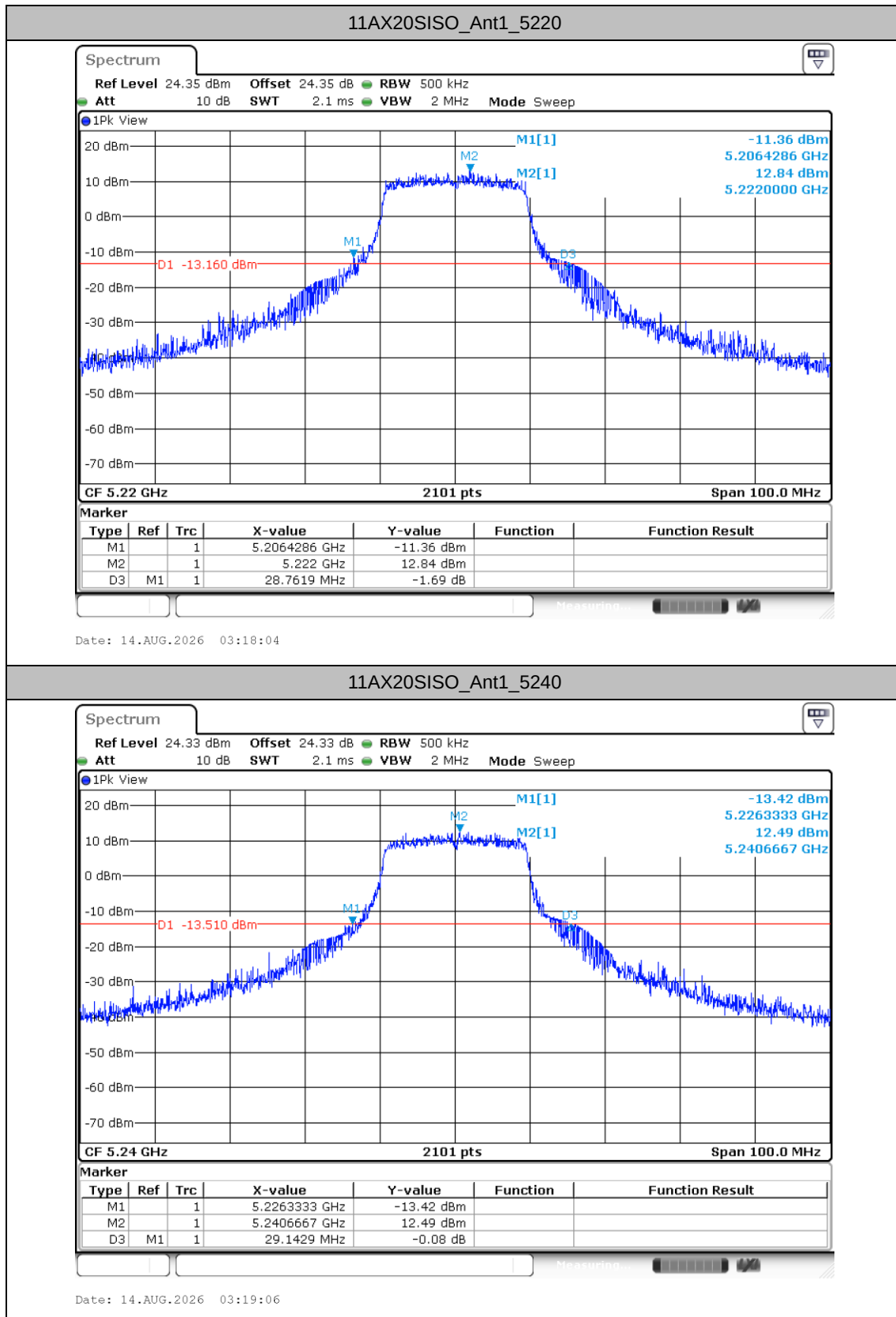


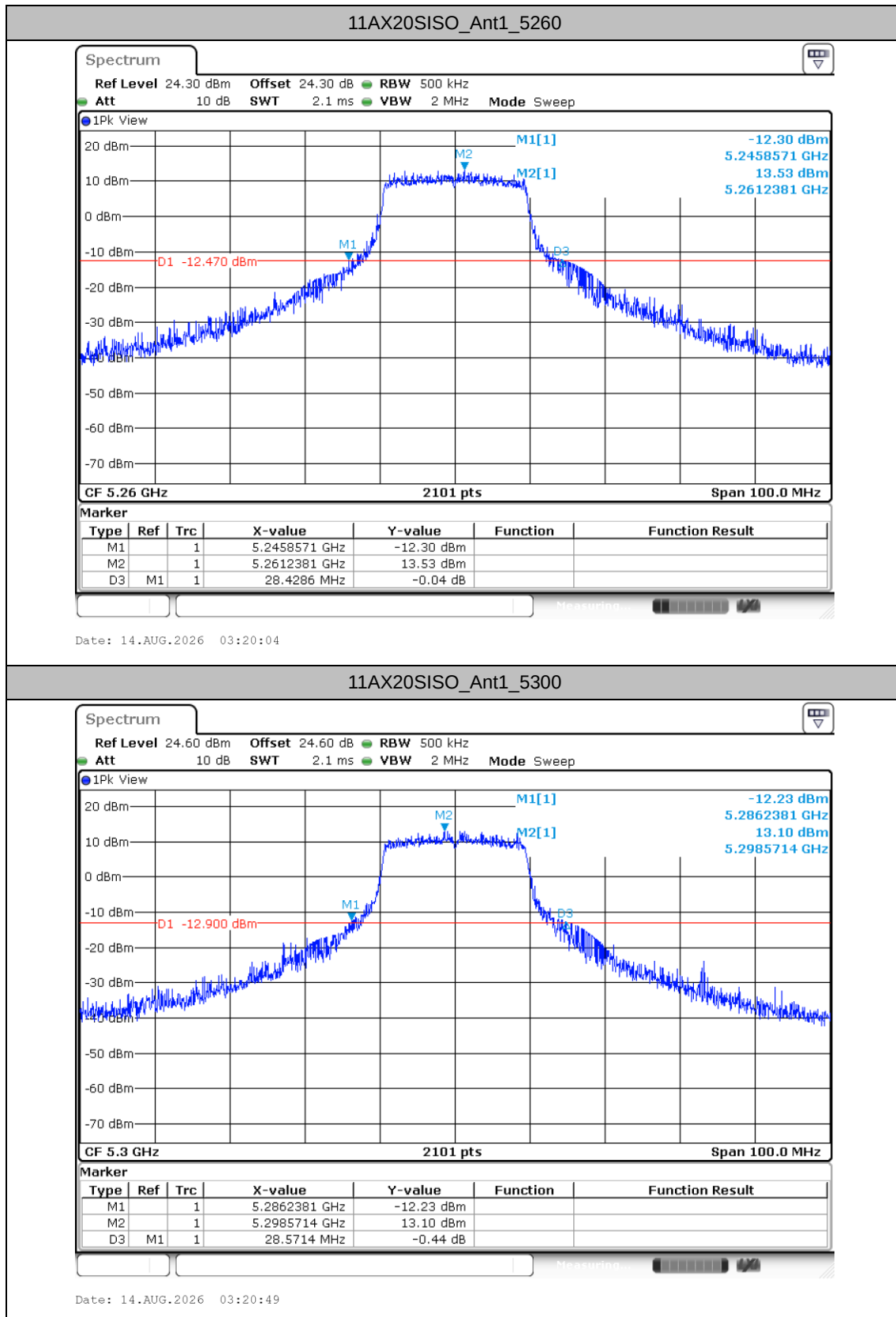


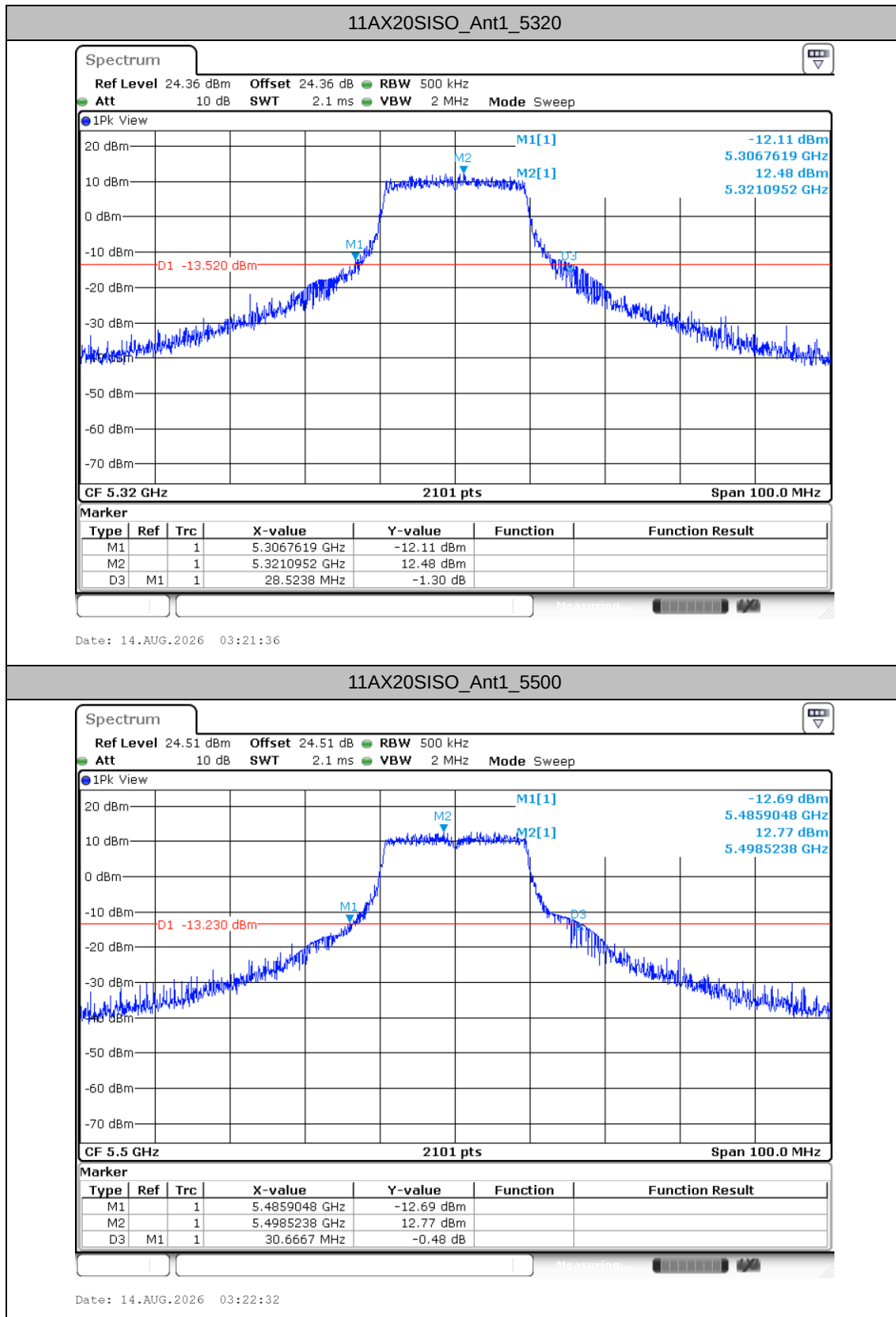


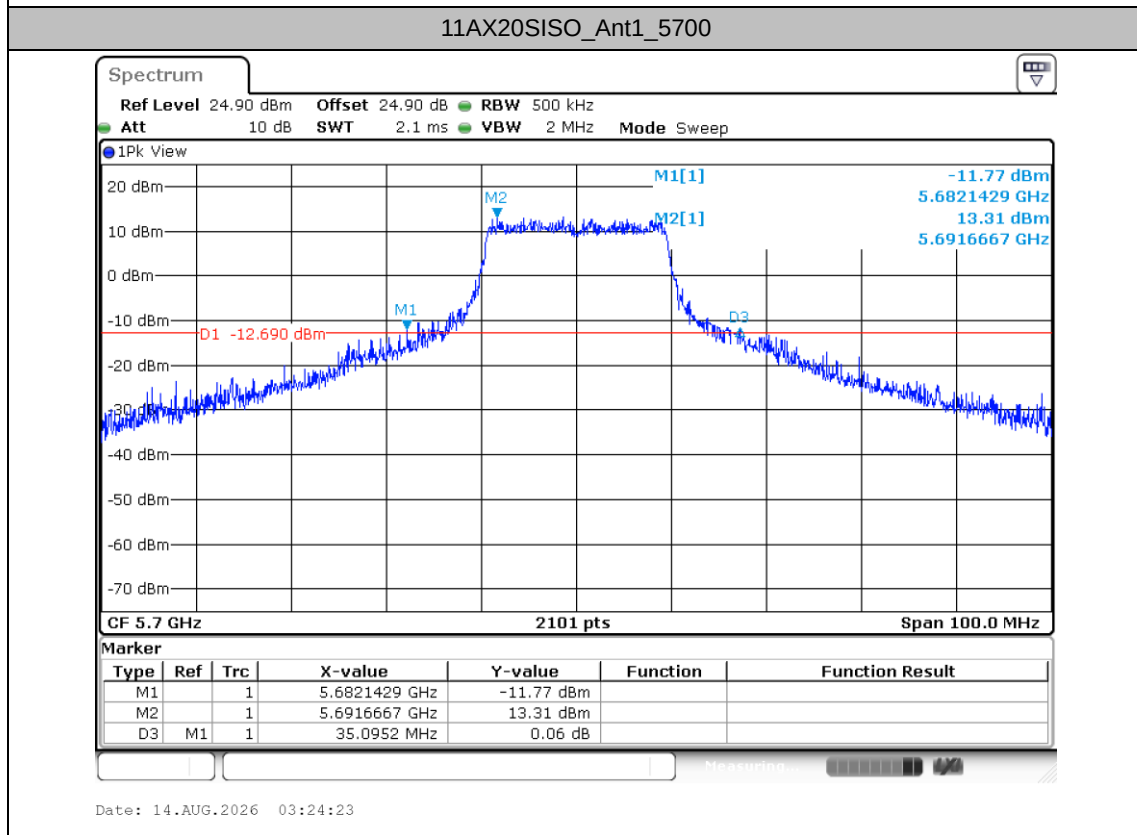
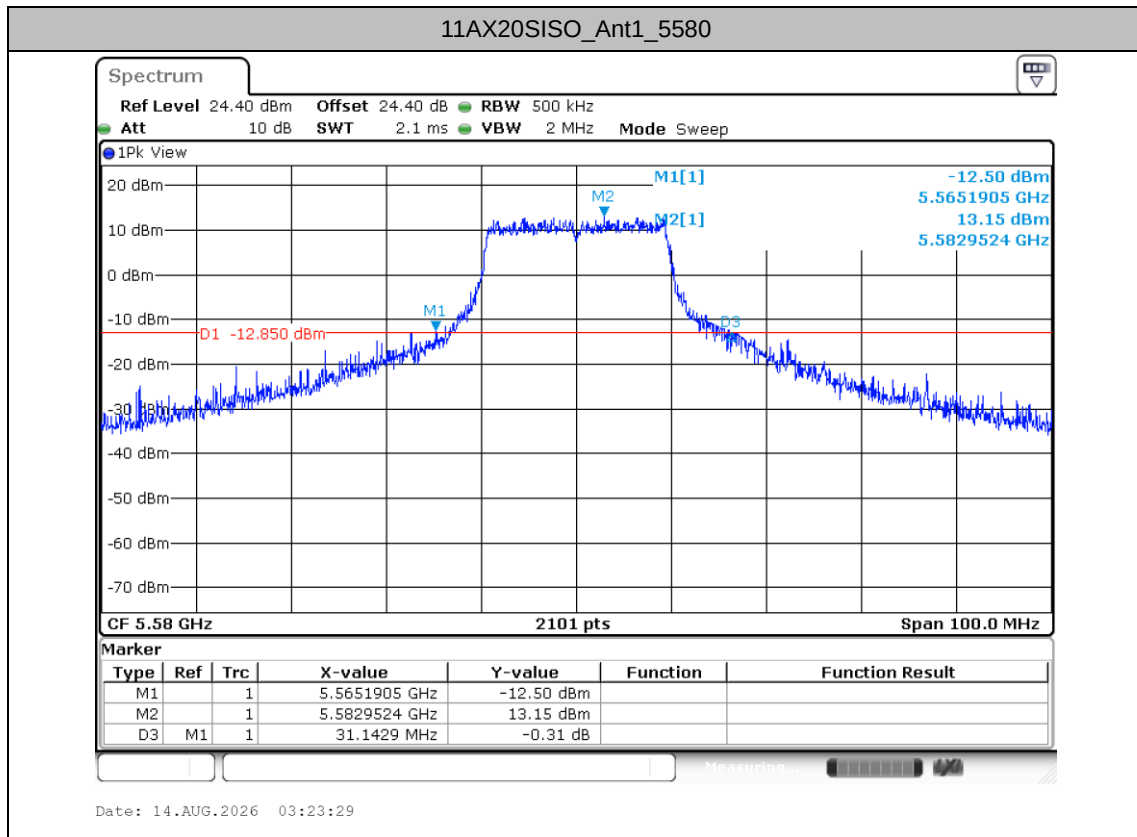


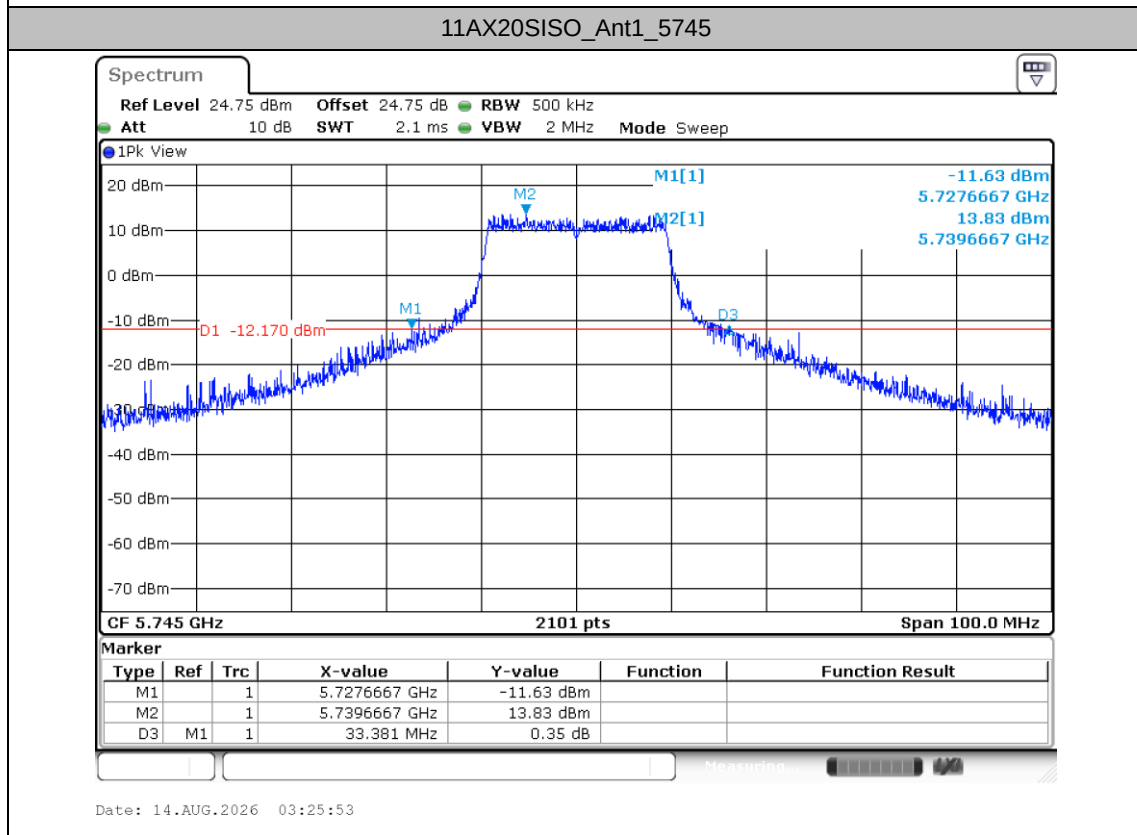
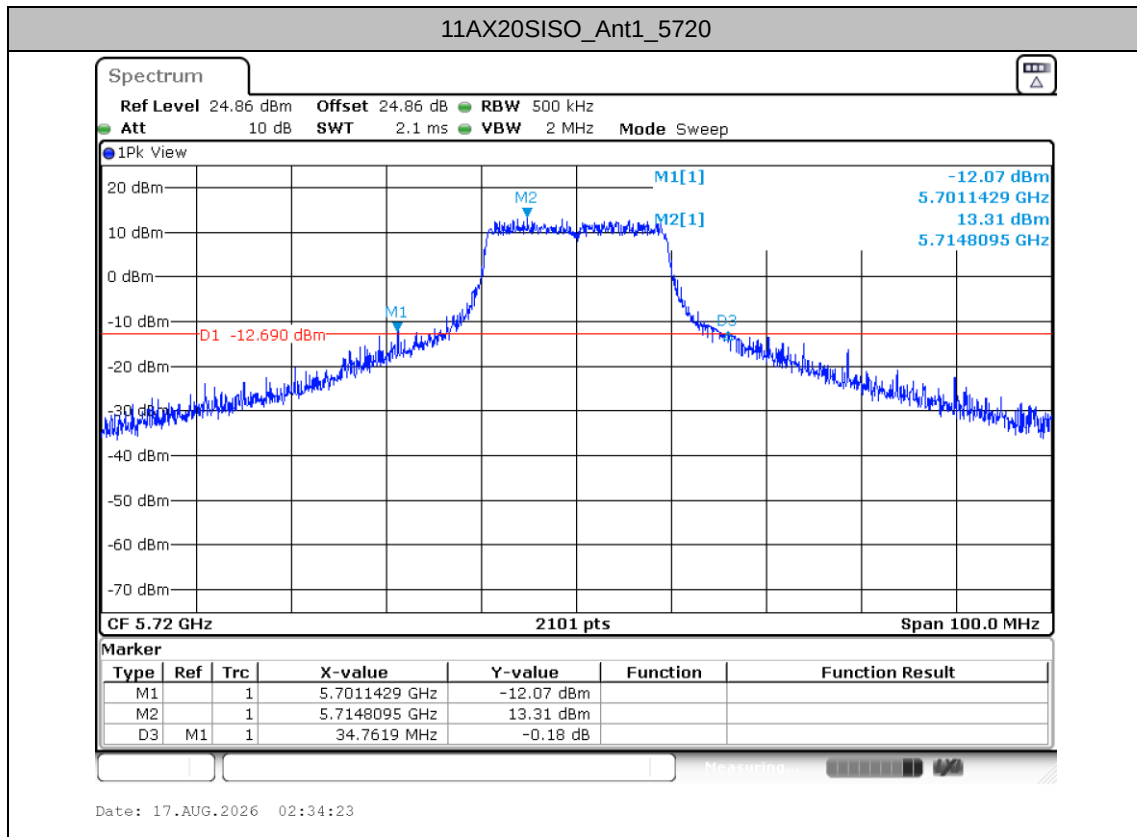


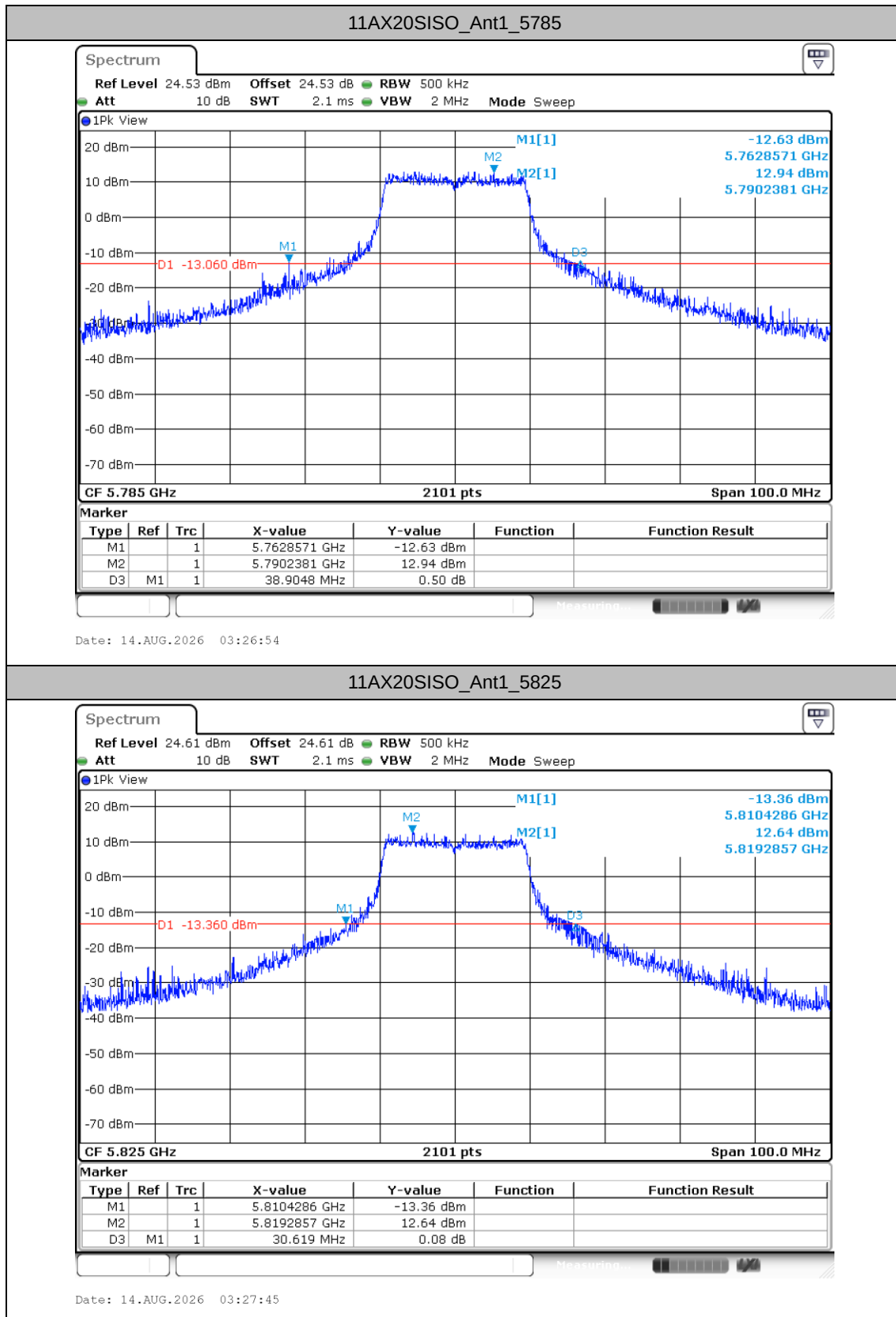


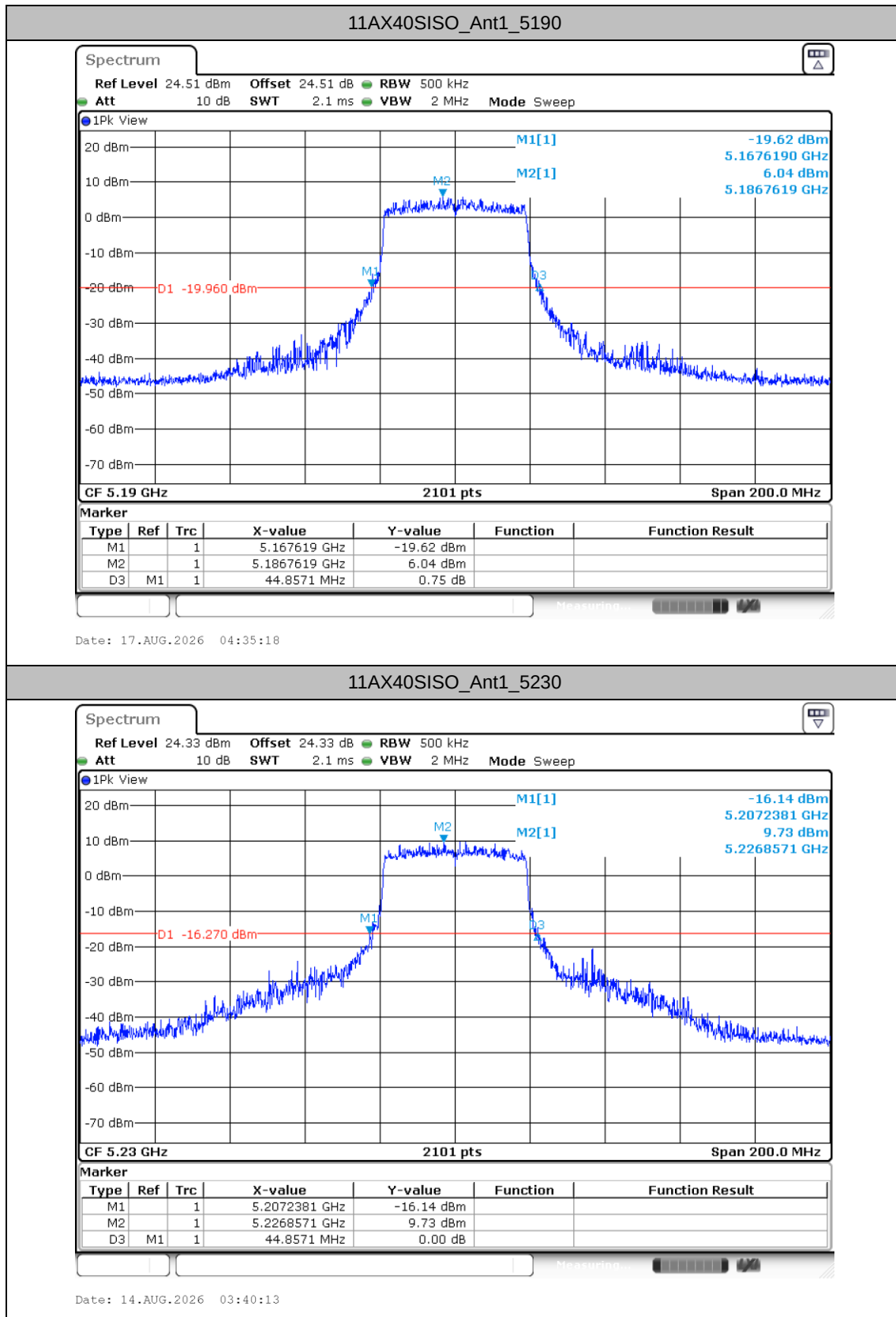


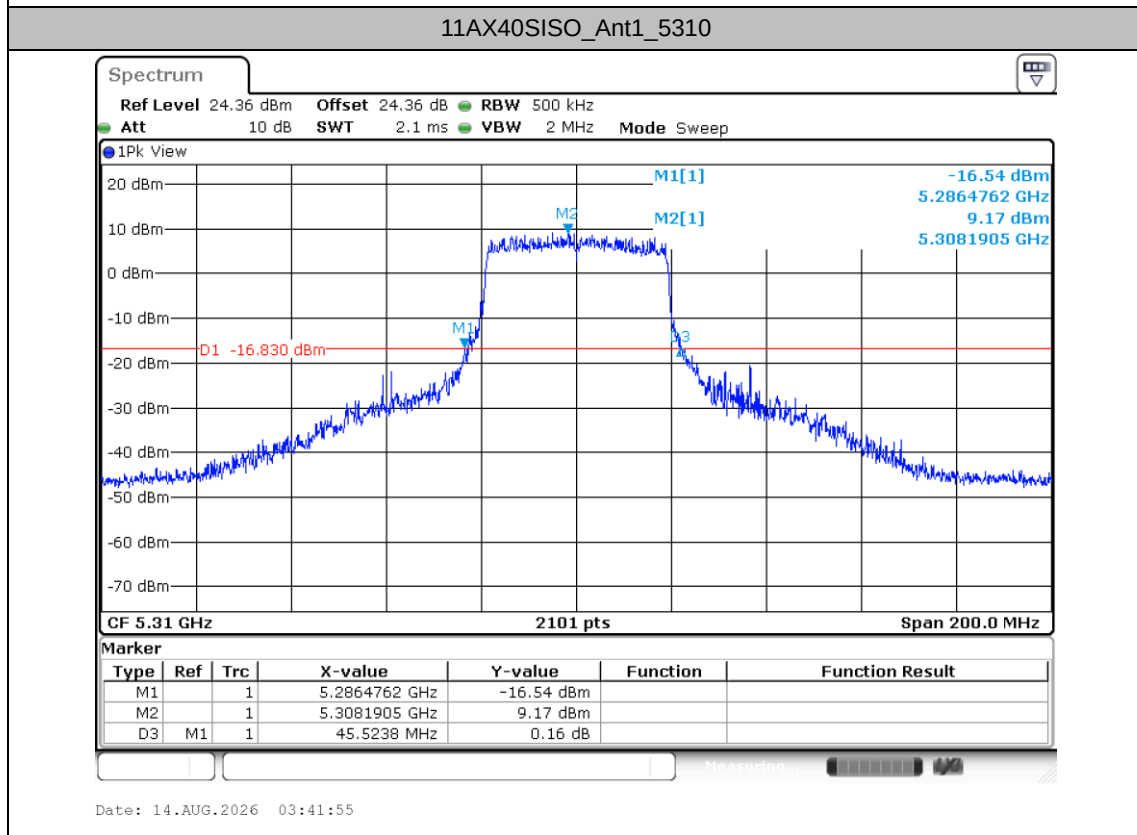
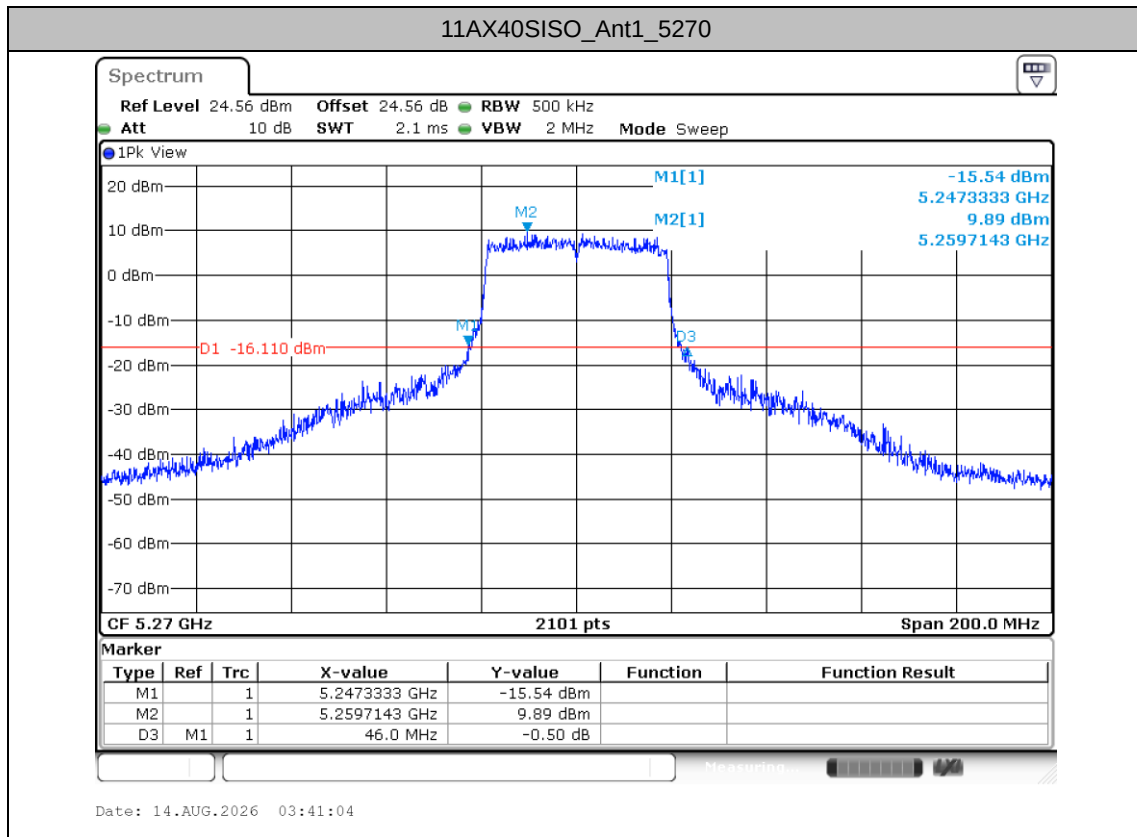


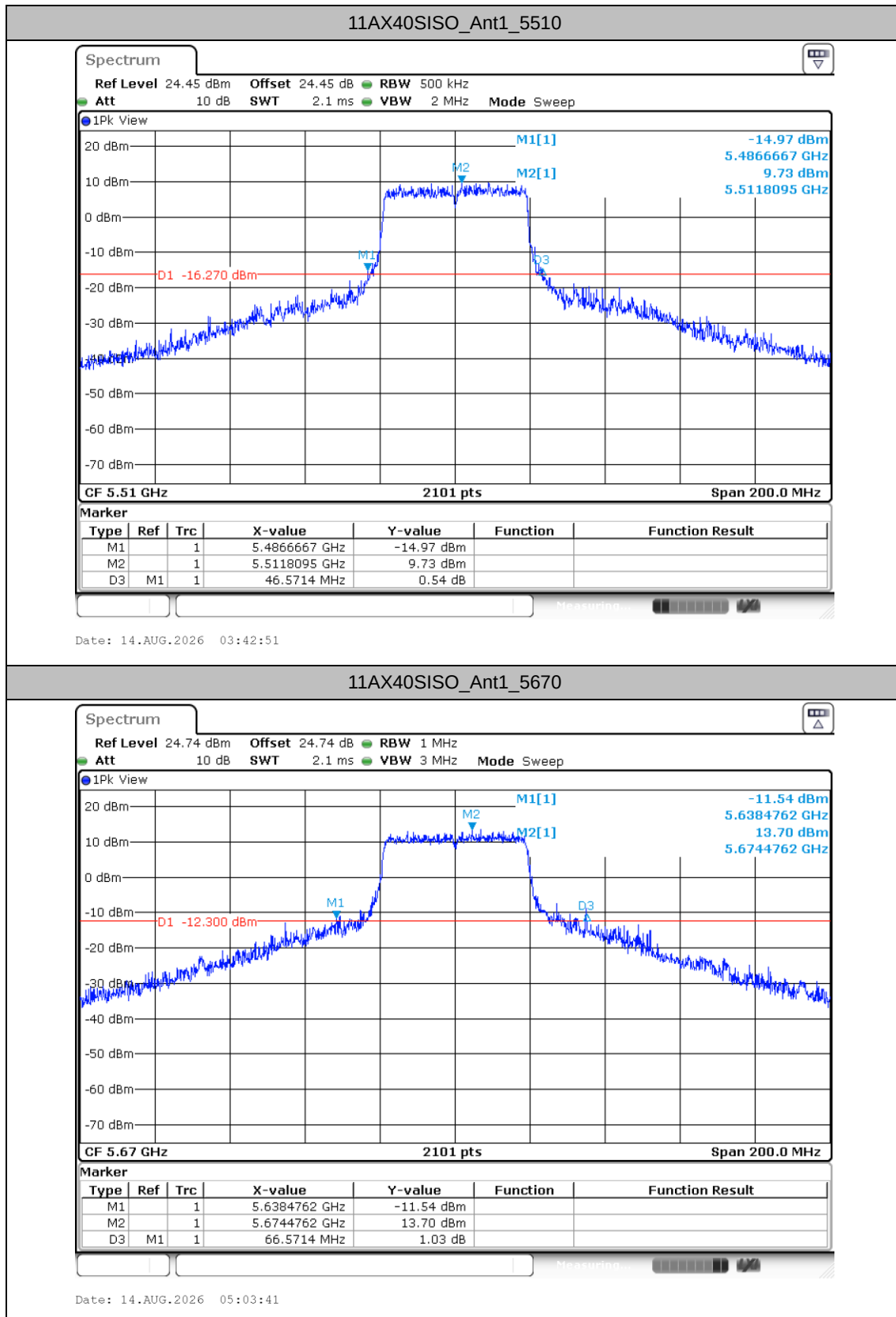


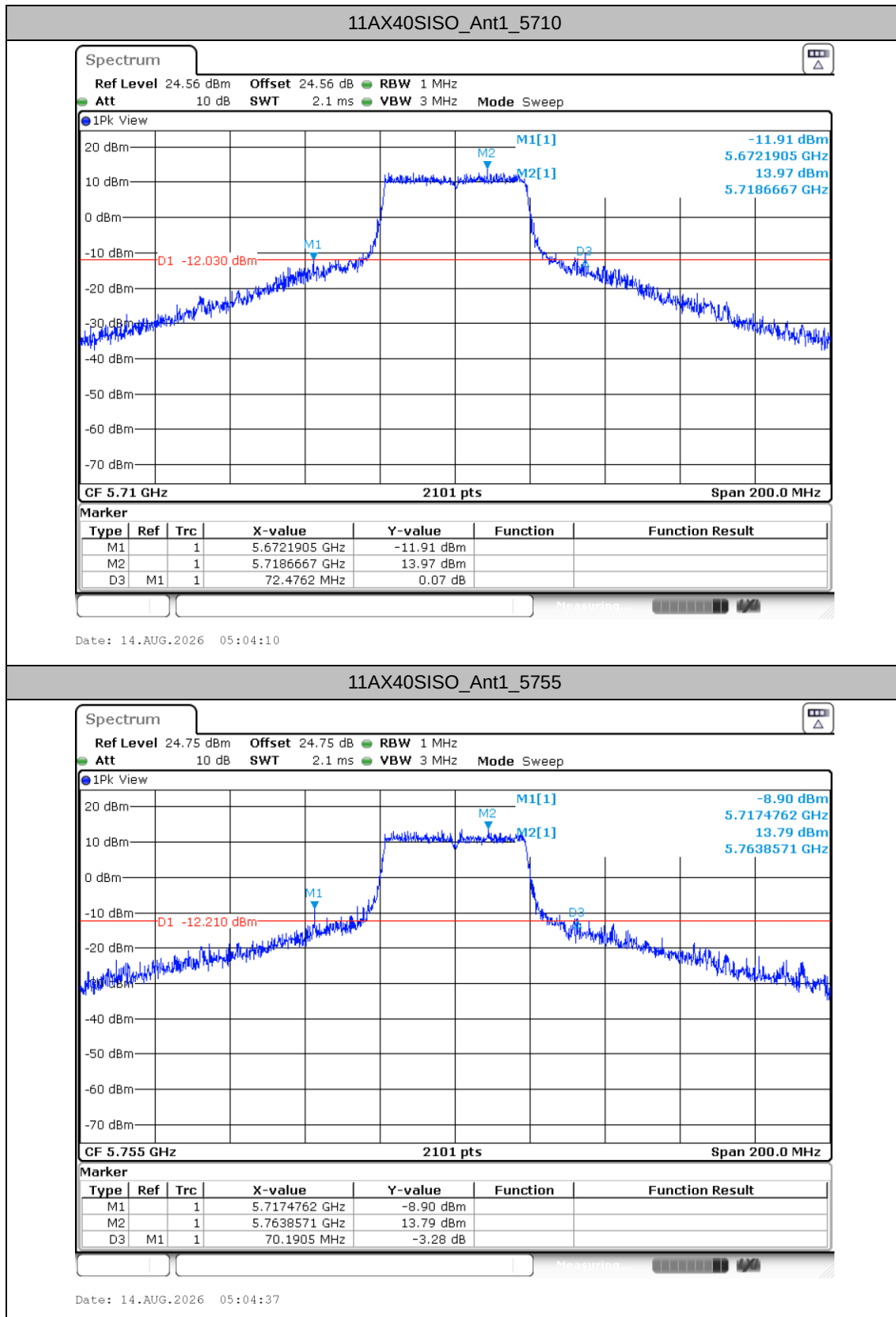


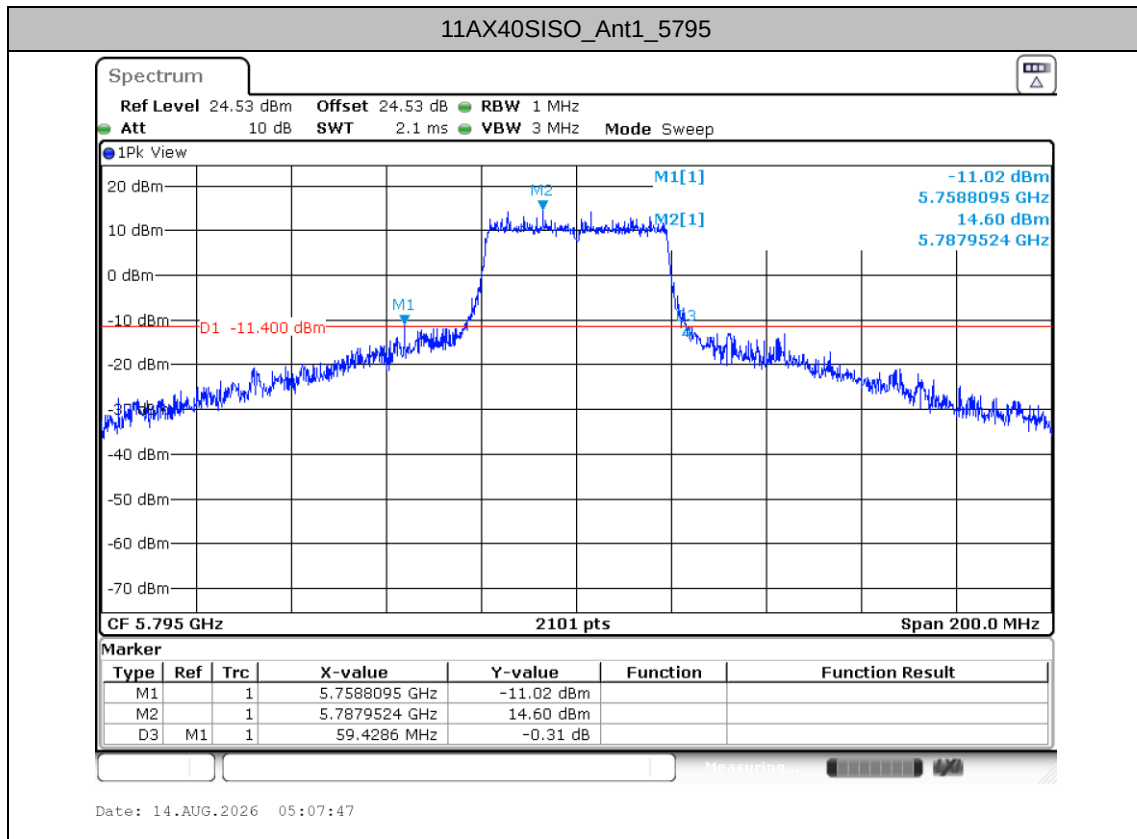














Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.915	5170.9757	5188.8910
		5220	18.03	5210.9186	5228.9481
		5240	17.991	5230.9186	5248.9100
		5260	18.03	5250.8234	5268.8529
		5300	17.972	5290.8805	5308.8529
		5320	18.239	5310.7663	5329.0052
		5500	18.296	5490.8425	5509.1385
		5580	18.448	5570.7853	5589.2337
		5700	18.81	5690.5569	5709.3670
		5720	18.658	5710.6901	5729.3479
		5745	18.658	5735.6140	5754.2718
		5785	18.734	5775.4998	5794.2337
		5825	18.601	5815.5950	5834.1956
11AC20SISO	Ant1	5180	18.924	5170.5378	5189.4622
		5220	19.02	5210.4998	5229.5193
		5240	19.039	5230.4426	5249.4812
		5260	19	5250.4426	5269.4431
		5300	19	5290.4807	5309.4812
		5320	19.153	5310.4236	5329.5764
		5500	19.457	5490.3094	5509.7668
		5580	19.591	5570.2903	5589.8810
		5700	19.762	5690.1190	5709.8810
		5720	19.667	5710.2332	5729.9000
		5745	19.686	5735.1190	5754.8049
		5785	19.667	5775.1000	5794.7668
		5825	19.591	5815.1571	5834.7477
11AC40SISO	Ant1	5190	37.087	5171.4564	5208.5436
		5230	37.087	5211.4184	5248.5055
		5270	37.277	5251.3422	5288.6197
		5310	37.201	5291.3422	5328.5436
		5510	37.658	5491.2280	5528.8862
		5550	37.772	5531.1899	5568.9624
		5670	38.001	5651.0757	5689.0766
		5710	38.191	5690.9234	5729.1147



		5755	38.115	5735.8853	5774.0005
		5795	38.039	5775.8853	5813.9243
11AX20SISO	Ant1	5180	19.553	5170.2713	5189.8239
		5220	19.591	5210.2523	5229.8429
		5240	19.629	5230.2332	5249.8620
		5260	19.629	5250.1571	5269.7858
		5300	19.591	5290.1951	5309.7858
		5320	19.648	5310.2142	5329.8620
		5500	19.857	5490.1571	5510.0143
		5580	19.895	5570.1190	5590.0143
		5700	20.01	5690.0428	5710.0524
		5720	19.933	5710.1190	5730.0524
		5745	19.952	5735.0619	5755.0143
		5785	19.895	5775.0619	5794.9572
		5825	19.876	5815.0809	5834.9572
11AX40SISO	Ant1	5190	38.344	5170.8853	5209.2289
		5230	38.344	5210.8091	5249.1528
		5270	38.382	5250.7711	5289.1528
		5310	38.306	5290.8472	5329.1528
		5510	38.686	5490.7330	5529.4193
		5550	38.762	5530.6568	5569.4193
		5670	38.724	5650.6949	5689.4193
		5710	38.991	5690.5426	5729.5336
		5755	38.762	5735.6188	5774.3812
		5795	38.801	5775.5045	5814.3051



Test Graphs

