



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2513-1,XT2513-2,XT2513-3,XT2513V
FCC ID : IHDT56AT9
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Aug. 31, 2024 ~ Oct. 14, 2024

We, Sporton International Inc. (ShenZhen), 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. (ShenZhen), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test.....	5
1.4 Product Specification of Equipment Under Test.....	6
1.5 Modification of EUT	7
1.6 Testing Location	7
1.7 Test Software.....	8
1.8 Applicable Standards.....	8
1.9 Specification of Accessory.....	8
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	9
2.1 Carrier Frequency and Channel	9
2.2 Test Mode.....	10
2.3 Connection Diagram of Test System.....	12
2.4 Support Unit used in test configuration and system	13
2.5 EUT Operation Test Setup	13
2.6 Measurement Results Explanation Example.....	13
3 TEST RESULT	14
3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement	14
3.2 Maximum Conducted Output Power Measurement	16
3.3 Power Spectral Density Measurement	20
3.4 Unwanted Emissions Measurement.....	23
3.5 AC Conducted Emission Measurement.....	28
3.6 Antenna Requirements	30
4 LIST OF MEASURING EQUIPMENT	31
5 MEASUREMENT UNCERTAINTY	32
APPENDIX A. CONDUCTED TEST RESULTS	
APPENDIX B. AC CONDUCTED EMISSION TEST RESULT	
APPENDIX C. RADIATED SPURIOUS EMISSION	
APPENDIX D. DUTY CYCLE PLOTS	
APPENDIX E. SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR482618E	Rev. 01	Initial issue of report	Oct. 15, 2024



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 3.03 dB at 5149.65 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 9.55 dB at 3.16 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

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2513-1,XT2513-2,XT2513-3,XT2513V
FCC ID	IHDT56AT9
IMEI Code	Conducted: 352291420070137/352291420070145 Conduction: 352291420056433/352291420056441 Radiation: 352291420055716/352291420055724
HW Version	DVT2
SW Version	VVK35.48
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 four models, the four models are for different markets and no other 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	<5180 MHz ~ 5240 MHz> 802.11a : 19.73 dBm / 0.0940 W 802.11n HT20 : 20.17 dBm / 0.1040 W 802.11n HT40 : 20.03 dBm / 0.1007 W 802.11ac VHT80: 13.57 dBm / 0.0228 W <5260 MHz ~ 5320 MHz> 802.11a : 20.17 dBm / 0.1040 W 802.11n HT20 : 20.15 dBm / 0.1035 W 802.11n HT40 : 20.13 dBm / 0.1030 W 802.11ac VHT80: 15.97 dBm / 0.0395 W <5500 MHz ~ 5720 MHz > 802.11a : 20.15 dBm / 0.1035 W 802.11n HT20 : 20.72 dBm / 0.1180 W 802.11n HT40 : 19.93 dBm / 0.0984 W 802.11ac VHT80: 19.57 dBm / 0.0906 W <5745 MHz ~ 5825 MHz> 802.11a : 20.91 dBm / 0.1233 W 802.11n HT20 : 21.02 dBm / 0.1265 W 802.11n HT40 : 19.63 dBm / 0.0918 W 802.11ac VHT80: 19.07 dBm / 0.0807 W
99% Occupied Bandwidth	<5180 MHz ~ 5240 MHz> 802.11a : 17.266 MHz 802.11n HT20 : 18.458 MHz 802.11n HT40 : 36.668 MHz 802.11ac VHT80 : 75.944 MHz <5260 MHz ~ 5320 MHz> 802.11a : 17.630 MHz 802.11n HT20 : 18.554 MHz 802.11n HT40 : 37.020 MHz 802.11ac VHT80 : 75.640 MHz <5500 MHz ~ 5720 MHz> 802.11a : 18.826 MHz 802.11n HT20 : 19.118 MHz 802.11n HT40 : 37.940 MHz 802.11ac VHT80 : 75.896 MHz <5745 MHz ~ 5825 MHz> 802.11a : 19.634 MHz 802.11n HT20 : 19.406 MHz 802.11n HT40 : 37.148 MHz 802.11ac VHT80 : 75.576 MHz



Antenna Type / Gain	<5180 MHz ~ 5240 MHz> PIFA Antenna type with gain -4.0 dBi <5260 MHz ~ 5320 MHz> PIFA Antenna type with gain -4.0 dBi <5500 MHz ~ 5720 MHz> PIFA Antenna type with gain -4.0 dBi <5745 MHz ~ 5825 MHz> PIFA Antenna type with gain -4.5 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: For 802.11n/11ac 20MHz/40MHz mode, the 11ac power is set less than 11n power, thus the whole testing have assessed only 802.11n mode to cover 11ac mode.

1.5 Modification of EUT

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

1.6 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-SZ TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH01-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-SZ	AUDIX	E3	6.120613b

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.

1.9 Specification of Accessory

Specification of Accessory				
AC Adapter 1	Brand Name	Motorola(AOHAI)	Model Name	MC-201L
AC Adapter 2	Brand Name	Motorola(Salcomp)	Model Name	MC-201L
USB Cable 1	Brand Name	Motorola(WASHIN)	Model Name	HX-TL-04
USB Cable 2	Brand Name	Motorola(SAIBAO)	Model Name	STN-A131A
USB Cable 3	Brand Name	Motorola(WASHIN)	Model Name	HX-TL-07
USB Cable 4	Brand Name	Motorola(SAIBAO)	Model Name	STN-A132A
Battery 1	Brand Name	Motorola(CosMX)	Model Name	RA50
Battery 2	Brand Name	Motorola(ATL)	Model Name	RA50

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 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
	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 (Cover VHT20)	MCS0
802.11n HT40 (Cover VHT40)	MCS0
802.11ac VHT80	MCS0

AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN Link(5G) + USB Cable 1(Charging from Adapter 1) + Battery 1 + Earphone
Remark: For Radiated Test Cases, The tests were performance with Adapter 1, USB Cable 1 and Earphone.	

RSE Co-location modes
802.11ac VHT80 CH42 TX + LTE Band 48 link Bluetooth LE(2 Mbps) CH38 TX + 802.11ac VHT80 CH42 TX + LTE Band48 Link



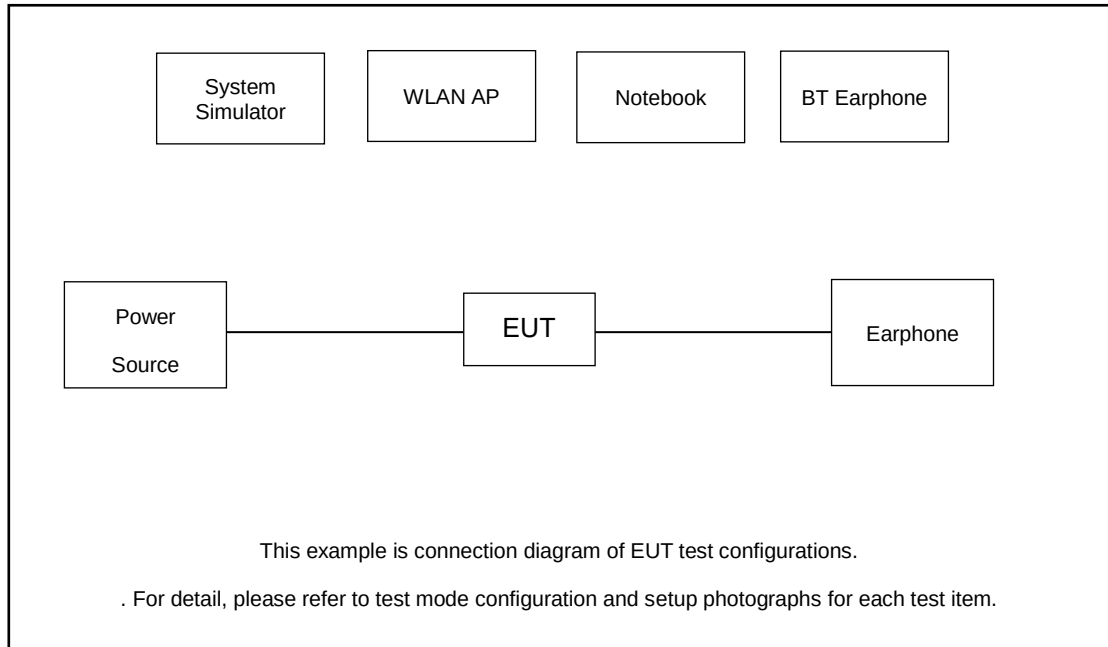
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		20M BW	20M BW	20M BW	20M BW
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165
Straddle		-	-	144	-

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	-

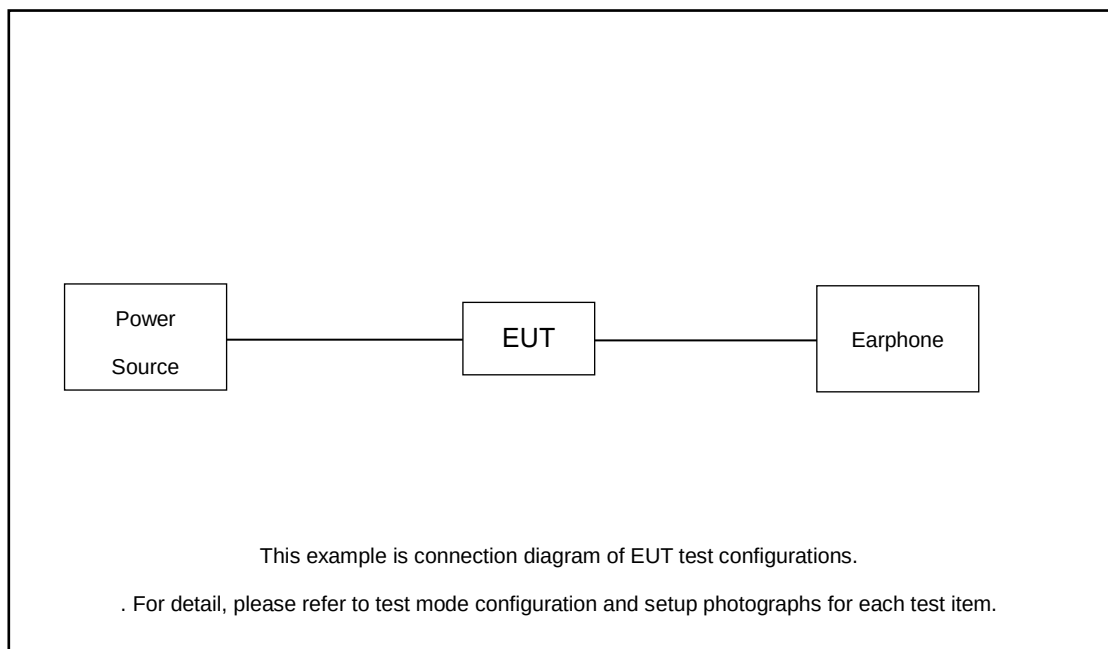
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		80M BW	80M BW	80M BW	80M BW
L	Low	-	-	106	-
M	Middle	42	58	-	155
H	High	-	-	122	-
Straddle		-	-	138	-

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.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
2.	Earphone	apple	N/A	N/A	N/A	N/A
3.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
4.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded, 1.8m
5.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

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 4.53 dB and 10dB attenuator.

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.53 + 10 = 14.53 \text{ (dB)}
 \end{aligned}$$



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

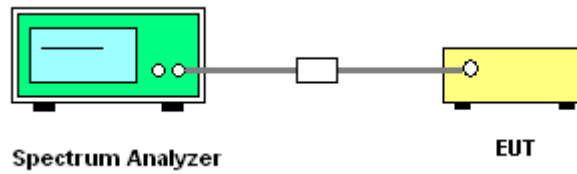
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

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

☒	Section C) Bandwidth Measurement 1. Emission Bandwidth (EBW) and 99% OBW
	1. Set RBW = approximately 1% of the emission bandwidth. 2. Set the VBW > RBW. 3. Detector = Peak. 4. Trace mode = max hold 5. 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%. 6. 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) $\geq 3 * RBW$. 7. 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
	1. Set RBW = 100kHz. 2. Set the VBW $\geq 3 \times RBW$. 3. Detector = Peak. 4. Trace mode = max hold 5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission. 6. 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 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.

.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

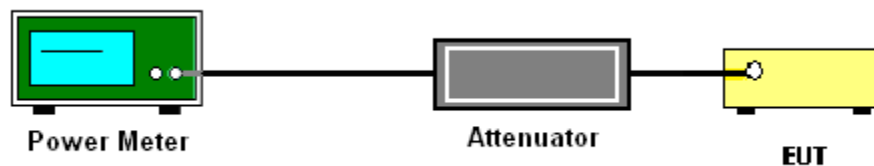
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

<U-NII-1>										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail	Power Setting
11a	6Mbps	1	36	5180	0.00	19.73	24.00	-4.00	Pass	19.5
11a	6Mbps	1	44	5220	0.00	19.71	24.00	-4.00	Pass	19.5
11a	6Mbps	1	48	5240	0.00	19.53	24.00	-4.00	Pass	19.5
HT20	MCS0	1	36	5180	0.00	19.77	24.00	-4.00	Pass	19.5
HT20	MCS0	1	44	5220	0.00	20.07	24.00	-4.00	Pass	20
HT20	MCS0	1	48	5240	0.00	20.17	24.00	-4.00	Pass	20
HT40	MCS0	1	38	5190	0.00	17.63	24.00	-4.00	Pass	17.5
HT40	MCS0	1	46	5230	0.00	20.03	24.00	-4.00	Pass	20
VHT80	MCS0	1	42	5210	0.00	13.57	24.00	-4.00	Pass	13.5

<U-NII-2A>											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	52	5260	0.00	20.17	23.98	-4.00	26.99	Pass	20
11a	6M bps	1	60	5300	0.00	20.07	23.98	-4.00	26.99	Pass	20
11a	6M bps	1	64	5320	0.00	20.07	23.98	-4.00	26.99	Pass	20
HT20	MCS 0	1	52	5260	0.00	20.15	23.98	-4.00	26.99	Pass	20
HT20	MCS 0	1	60	5300	0.00	20.15	23.98	-4.00	26.99	Pass	20
HT20	MCS 0	1	64	5320	0.00	20.05	23.98	-4.00	26.99	Pass	20
HT40	MCS 0	1	54	5270	0.00	20.13	23.98	-4.00	26.99	Pass	20
HT40	MCS 0	1	62	5310	0.00	18.63	23.98	-4.00	26.99	Pass	18.5
VHT80	MCS 0	1	58	5290	0.00	15.97	23.98	-4.00	26.99	Pass	16



<U-NII-2C>											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	100	5500	0.00	19.65	23.98	-4.00	26.99	Pass	19.5
11a	6M bps	1	116	5580	0.00	20.15	23.98	-4.00	26.99	Pass	20
11a	6M bps	1	140	5700	0.00	18.85	23.98	-4.00	26.99	Pass	19
11a	6M bps	1	144	5720	0.00	19.85	23.98	-4.00	26.99	Pass	20
HT20	MCS 0	1	100	5500	0.00	19.65	23.98	-4.00	26.99	Pass	19.5
HT20	MCS 0	1	116	5580	0.00	20.05	23.98	-4.00	26.99	Pass	20
HT20	MCS 0	1	140	5700	0.00	19.32	23.98	-4.00	26.99	Pass	19.5
HT20	MCS 0	1	144	5720	0.00	20.72	23.98	-4.00	26.99	Pass	21
HT40	MCS 0	1	102	5510	0.00	17.83	23.98	-4.00	26.99	Pass	18
HT40	MCS 0	1	110	5550	0.00	19.93	23.98	-4.00	26.99	Pass	20
HT40	MCS 0	1	134	5670	0.00	19.83	23.98	-4.00	26.99	Pass	20
HT40	MCS 0	1	142	5710	0.00	19.73	23.98	-4.00	26.99	Pass	20
VHT80	MCS 0	1	106	5530	0.00	18.87	23.98	-4.00	26.99	Pass	19
VHT80	MCS 0	1	122	5610	0.00	19.57	23.98	-4.00	26.99	Pass	19
VHT80	MCS 0	1	138	5690	0.00	19.27	23.98	-4.00	26.99	Pass	19

<U-NII-3>										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail	Power Setting
11a	6M bps	1	149	5745	0.00	20.91	30.00	-4.50	Pass	21
11a	6Mbps	1	157	5785	0.00	20.71	30.00	-4.50	Pass	21
11a	6Mbps	1	165	5825	0.00	20.61	30.00	-4.50	Pass	21
HT20	MCS 0	1	149	5745	0.00	21.02	30.00	-4.50	Pass	21
HT20	MCS 0	1	157	5785	0.00	20.82	30.00	-4.50	Pass	21
HT20	MCS 0	1	165	5825	0.00	20.72	30.00	-4.50	Pass	21
HT40	MCS 0	1	151	5755	0.00	19.63	30.00	-4.50	Pass	20
HT40	MCS 0	1	159	5795	0.00	19.53	30.00	-4.50	Pass	20
VHT80	MCS 0	1	155	5775	0.00	19.07	30.00	-4.50	Pass	19

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

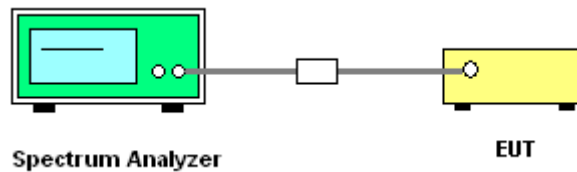
Method SA-2

(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	68.3

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

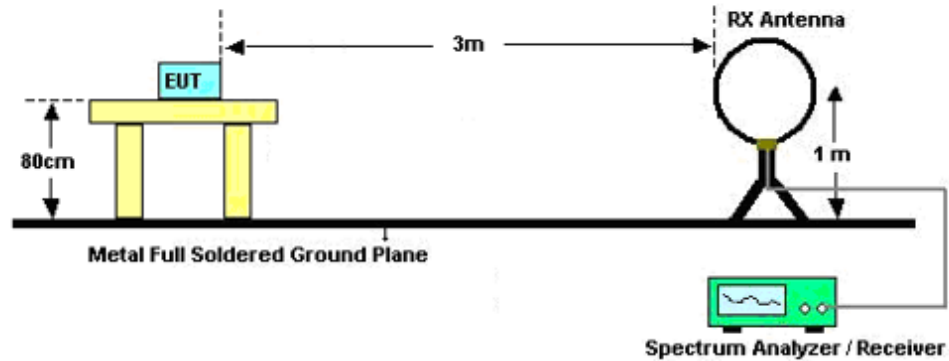
The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

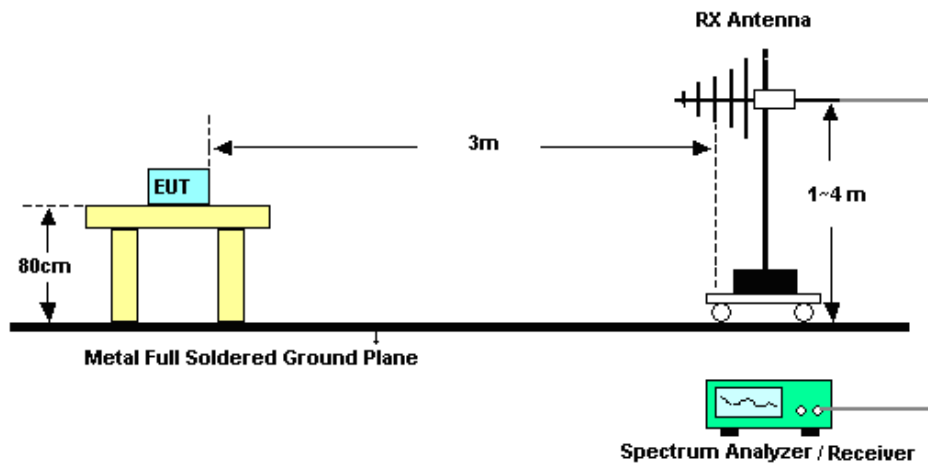
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak 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

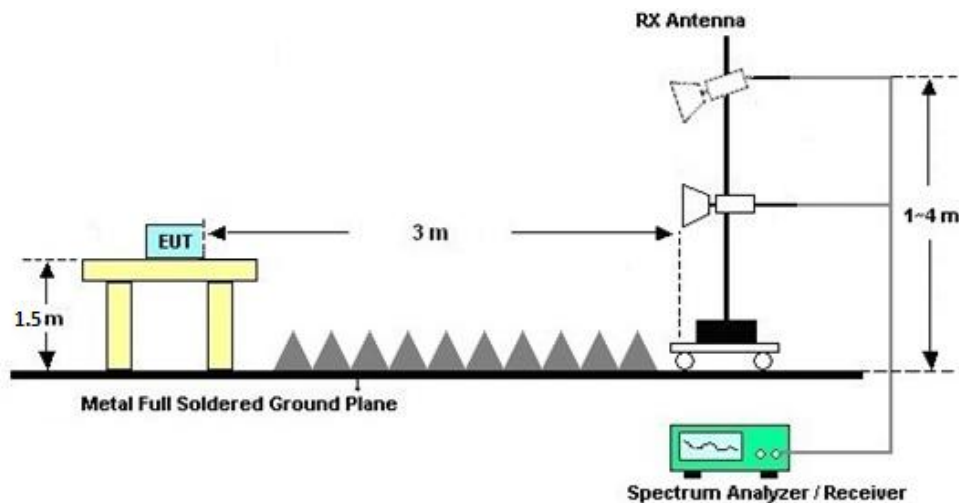
For radiated emissions below 30MHz



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 (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.

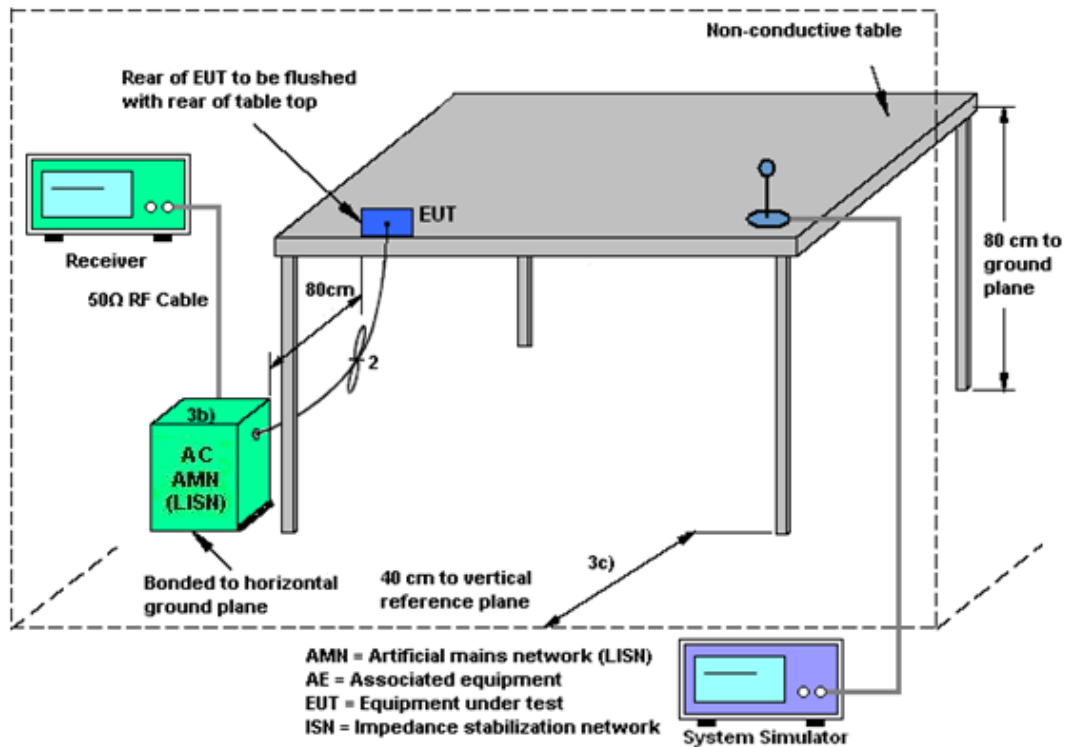
3.5.2 Measuring Instruments

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
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Sep. 07, 2024~ Oct. 14, 2024	Apr. 08, 2025	Conducted (TH01-SZ)
Power Sensor	Anritsu	MA24440A	11707	50MHz~40GHz	Dec. 27, 2023	Sep. 07, 2024~ Oct. 14, 2024	Dec. 26, 2024	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V · 3A	Oct. 16, 2023	Sep. 07, 2024~ Oct. 14, 2024	Oct. 15, 2024	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Sep. 07, 2024~ Oct. 14, 2024	Jul. 02, 2025	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 27, 2023	Aug. 31, 2024~ Sep. 15, 2024	Dec. 26, 2024	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Aug. 31, 2024~ Sep. 15, 2024	Jul. 02, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Aug. 31, 2024~ Sep. 15, 2024	Dec. 28, 2024	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2023	Aug. 31, 2024~ Sep. 15, 2024	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Aug. 31, 2024~ Sep. 15, 2024	Jul. 03, 2025	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 09, 2024	Aug. 31, 2024~ Sep. 15, 2024	Apr. 08, 2025	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 09, 2024	Aug. 31, 2024~ Sep. 15, 2024	Apr. 08, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 18, 2023	Aug. 31, 2024~ Sep. 15, 2024	Oct. 17, 2024	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 18, 2023	Aug. 31, 2024~ Sep. 15, 2024	Oct. 17, 2024	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Aug. 31, 2024~ Sep. 15, 2024	Jul. 02, 2025	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 18, 2023	Aug. 31, 2024~ Sep. 15, 2024	Oct. 17, 2024	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Aug. 31, 2024~ Sep. 15, 2024	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Aug. 31, 2024~ Sep. 15, 2024	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Jul. 04, 2024	Sep. 05, 2024~ Sep. 06, 2024	Jul. 03, 2025	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Jul. 04, 2024	Sep. 05, 2024~ Sep. 06, 2024	Jul. 03, 2025	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 16, 2023	Sep. 05, 2024~ Sep. 06, 2024	Oct. 15, 2024	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Aug. 14, 2024	Sep. 05, 2024~ Sep. 06, 2024	Aug. 13, 2025	Conduction (CO01-SZ)

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

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Conducted Power Spectral Density	±1.32 dB
Frequency	±1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.5 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.2 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0 dB
---	--------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.3 dB
---	--------

----- THE END -----



Appendix A. Conducted Test Results



Ambient Condition: 24~26 °C, 45~65 %RH

Test Date: 2024.9.7~10.11

Test Engineer: Jason Zhang

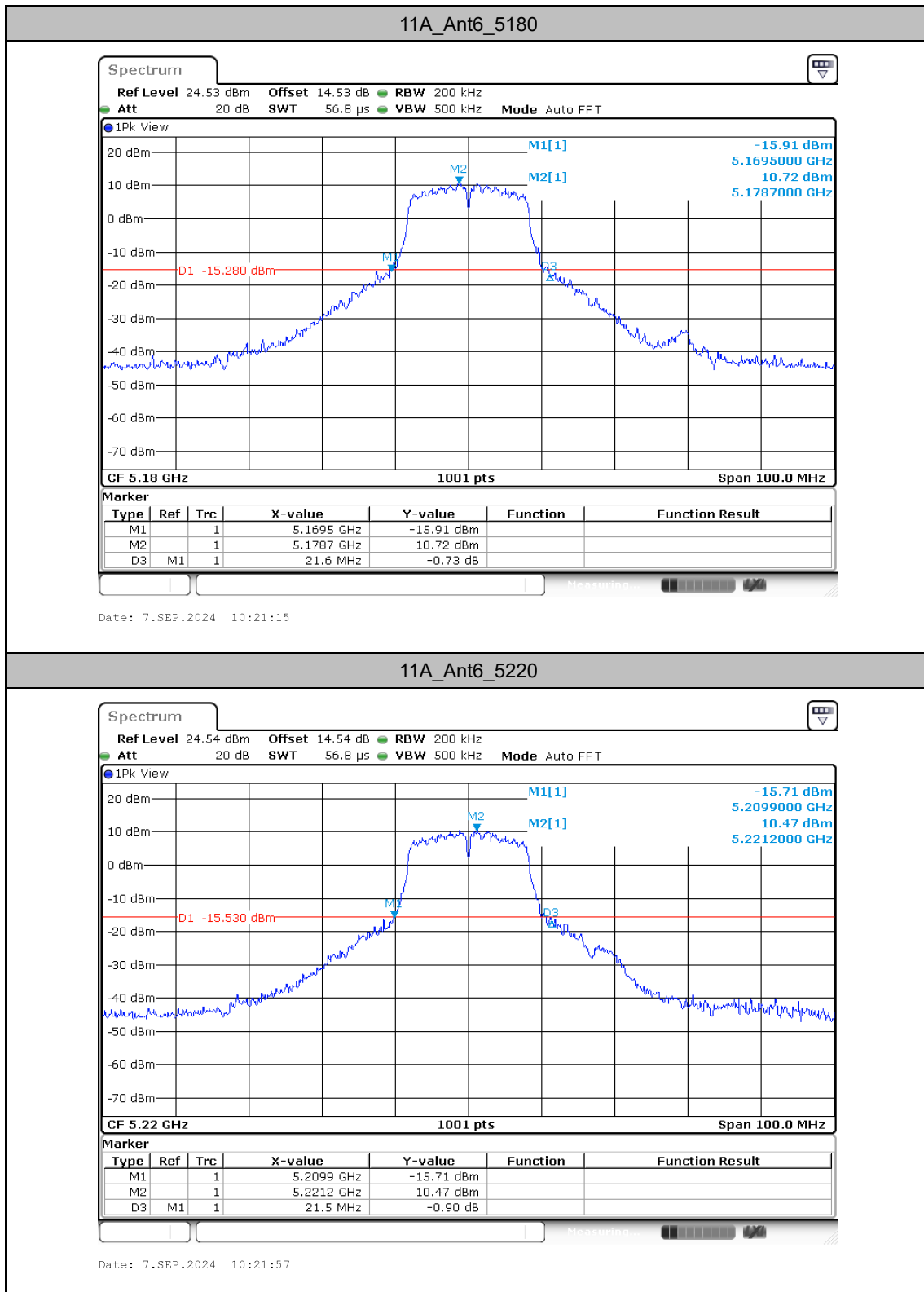
26dB Emission Bandwidth

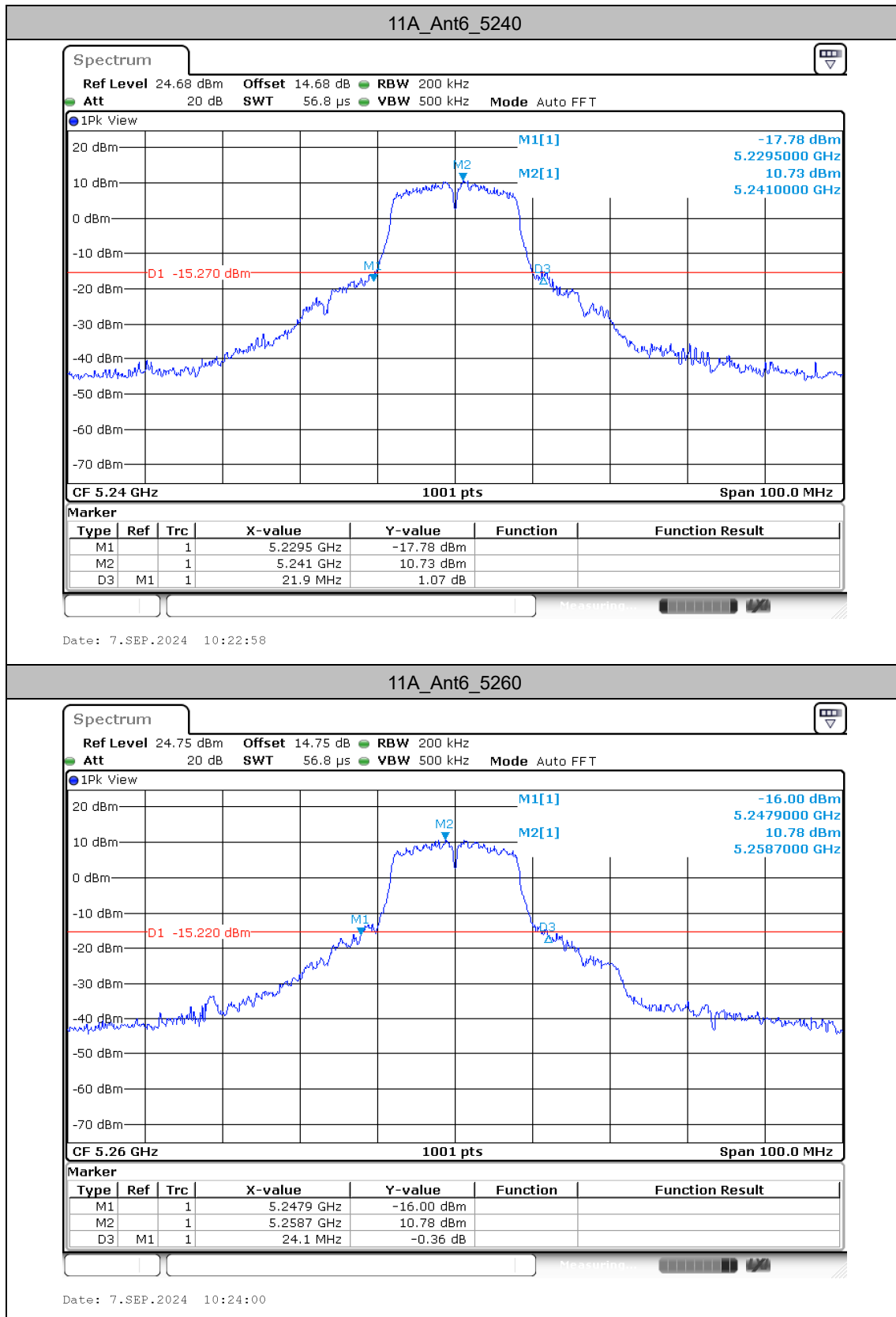
Test Result

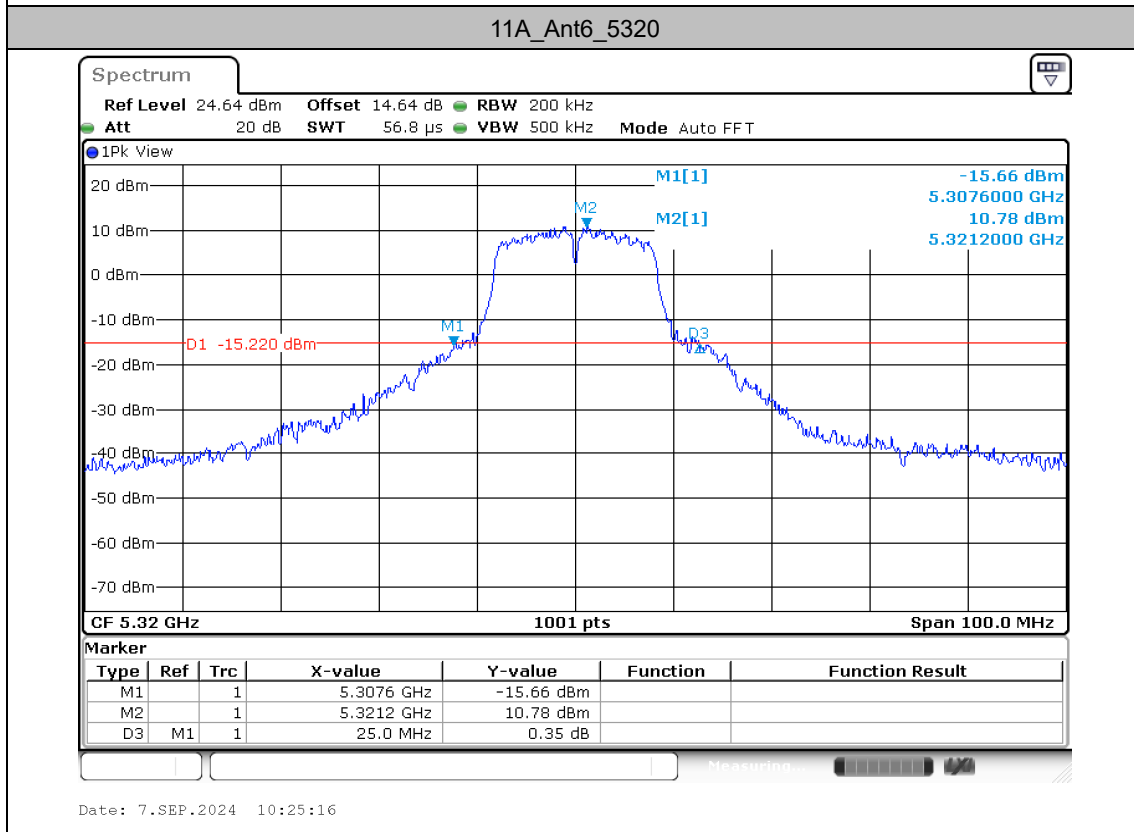
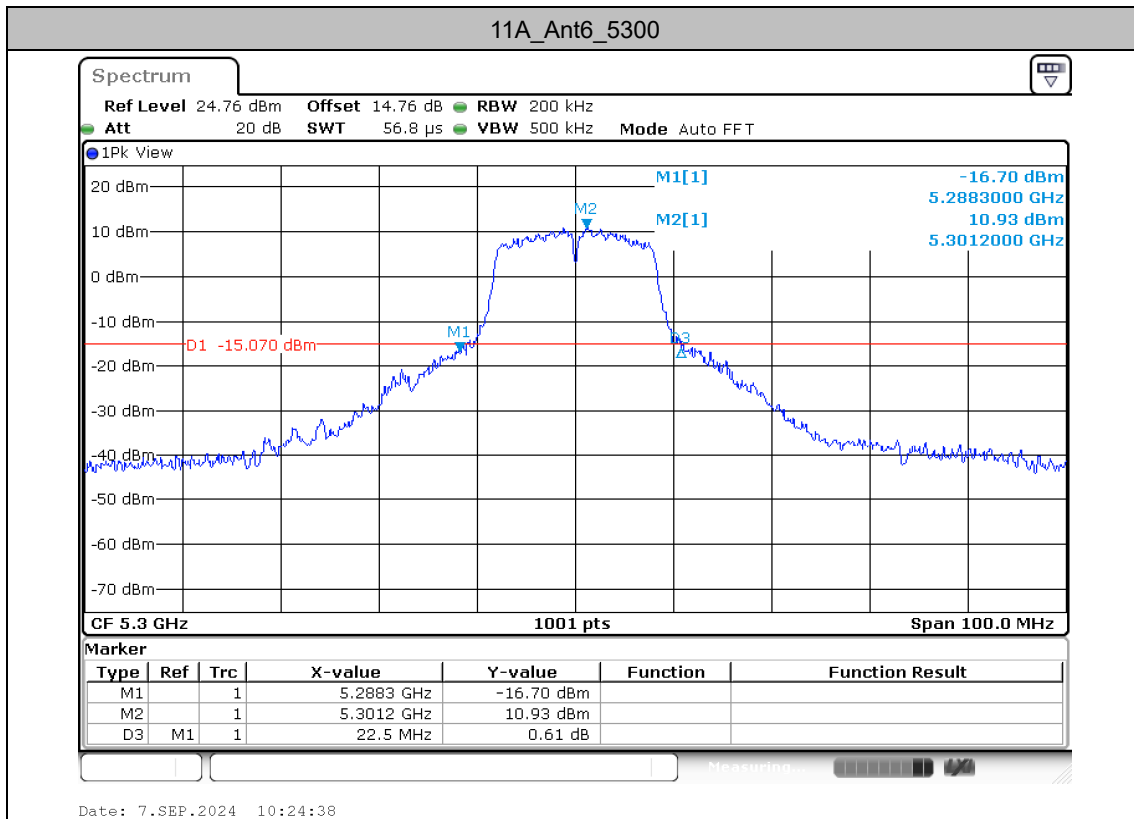
TestMode	Antenna	Freq(MHz)	26dB EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant6	5180	21.60	5169.50	5191.10
		5220	21.50	5209.90	5231.40
		5240	21.90	5229.50	5251.40
		5260	24.10	5247.90	5272.00
		5300	22.50	5288.30	5310.80
		5320	25.00	5307.60	5332.60
		5500	31.80	5484.20	5516.00
		5580	27.60	5566.30	5593.90
		5700	31.80	5683.90	5715.70
		5720	28.70	5706.00	5734.70
		5745	31.80	5729.40	5761.20
		5785	33.50	5769.10	5802.60
		5825	34.50	5807.70	5842.20
11N20SISO	Ant6	5180	23.20	5168.20	5191.40
		5220	22.40	5208.20	5230.60
		5240	24.10	5228.20	5252.30
		5260	24.10	5247.30	5271.40
		5300	23.30	5288.10	5311.40
		5320	24.20	5307.20	5331.40
		5500	27.40	5486.70	5514.10
		5580	31.60	5564.20	5595.80
		5700	30.60	5684.40	5715.00
		5720	30.60	5704.30	5734.90
		5745	32.50	5728.90	5761.40
		5785	36.30	5766.60	5802.90
		5825	38.20	5806.60	5844.80
11N40SISO	Ant6	5190	45.40	5169.60	5215.00
		5230	57.80	5200.40	5258.20
		5270	55.40	5247.40	5302.80
		5310	55.60	5285.80	5341.40
		5510	62.60	5480.60	5543.20
		5550	66.20	5517.20	5583.40
		5670	59.60	5638.80	5698.40
		5710	60.80	5680.80	5741.60
		5755	66.00	5722.20	5788.20
		5795	61.20	5765.60	5826.80
11AC80SISO	Ant6	5210	81.20	5169.20	5250.40
		5290	81.60	5249.20	5330.80
		5530	81.60	5489.20	5570.80
		5610	81.60	5569.20	5650.80
		5690	84.80	5645.20	5730.00
		5775	81.60	5734.20	5815.80

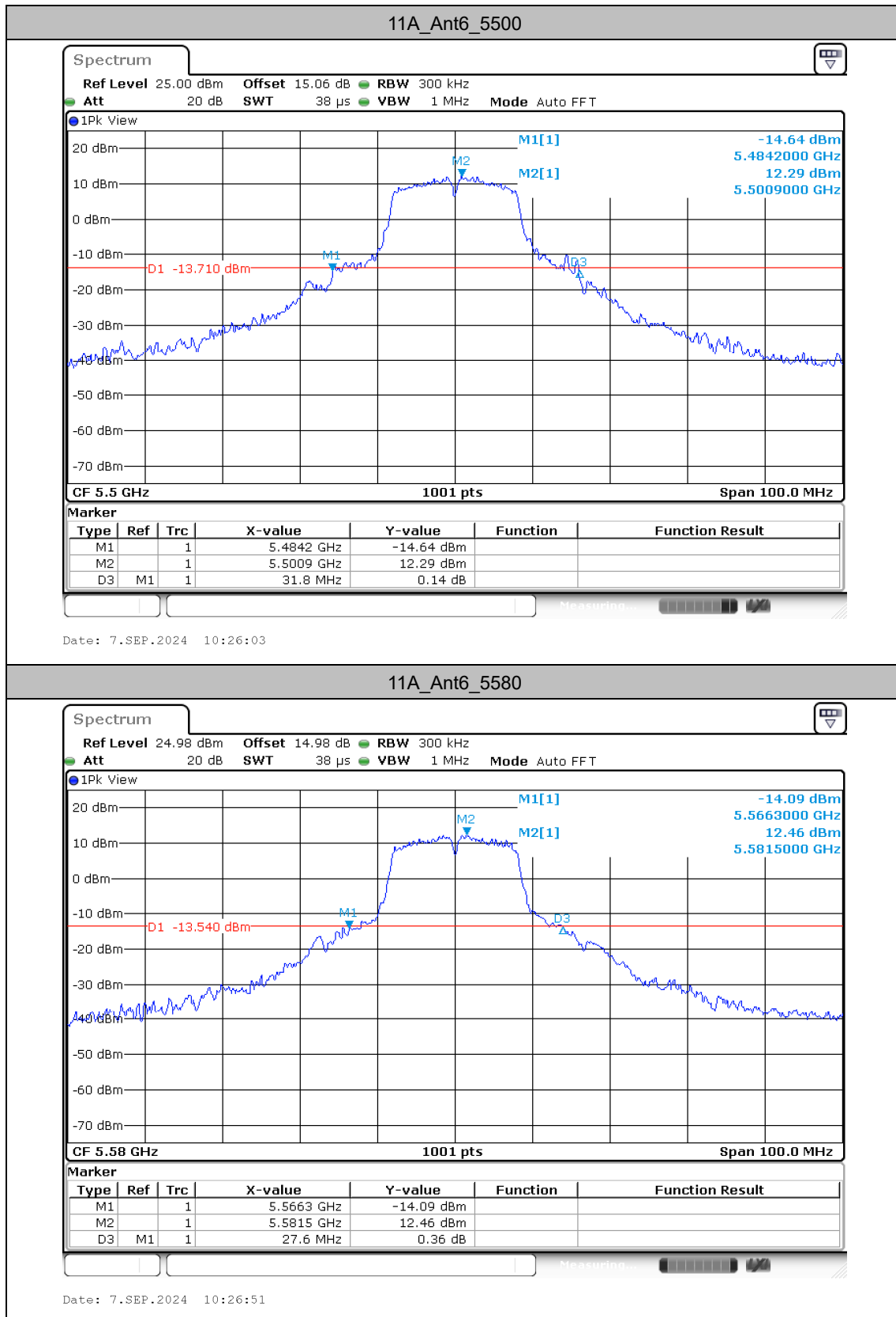


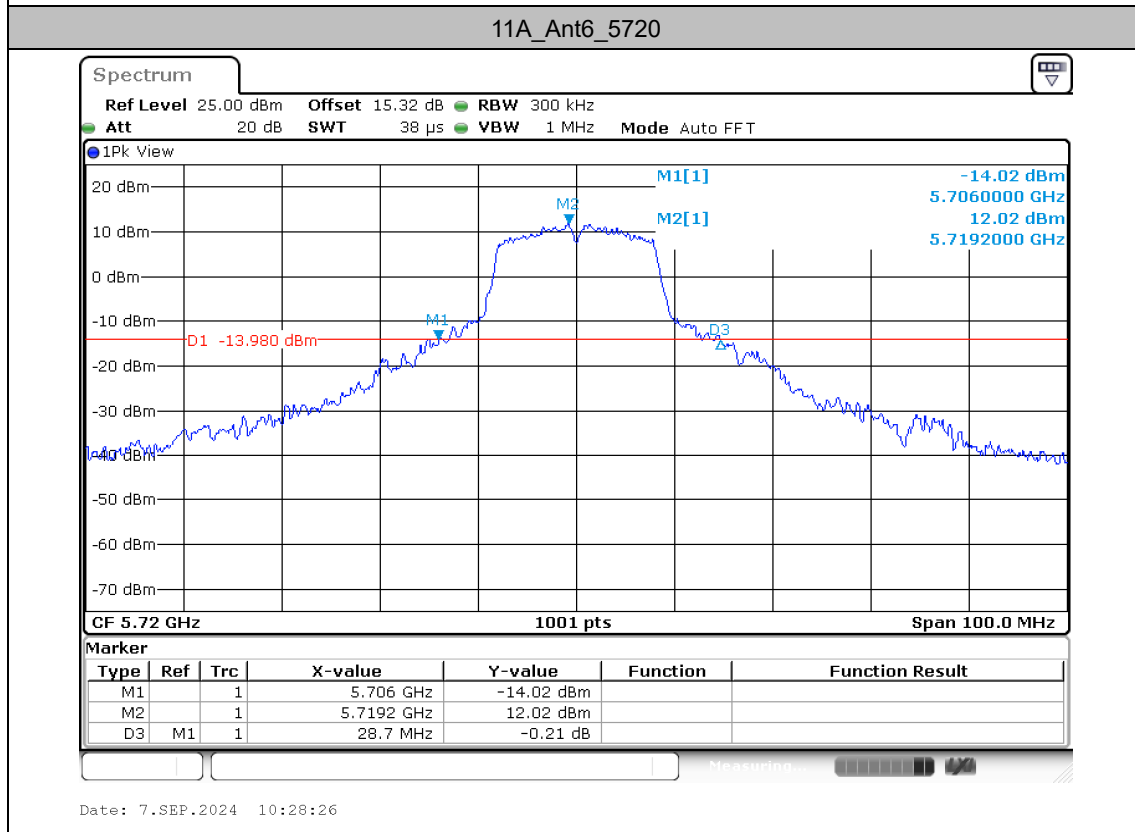
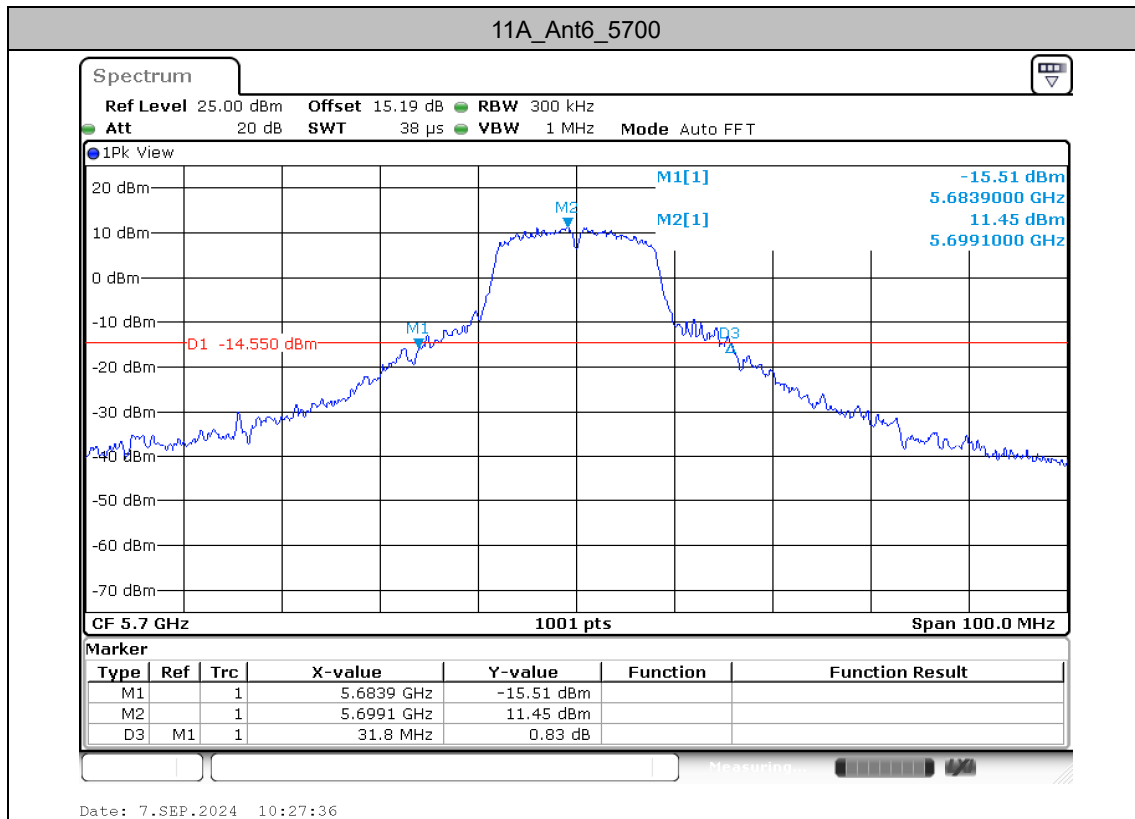
Test Graphs

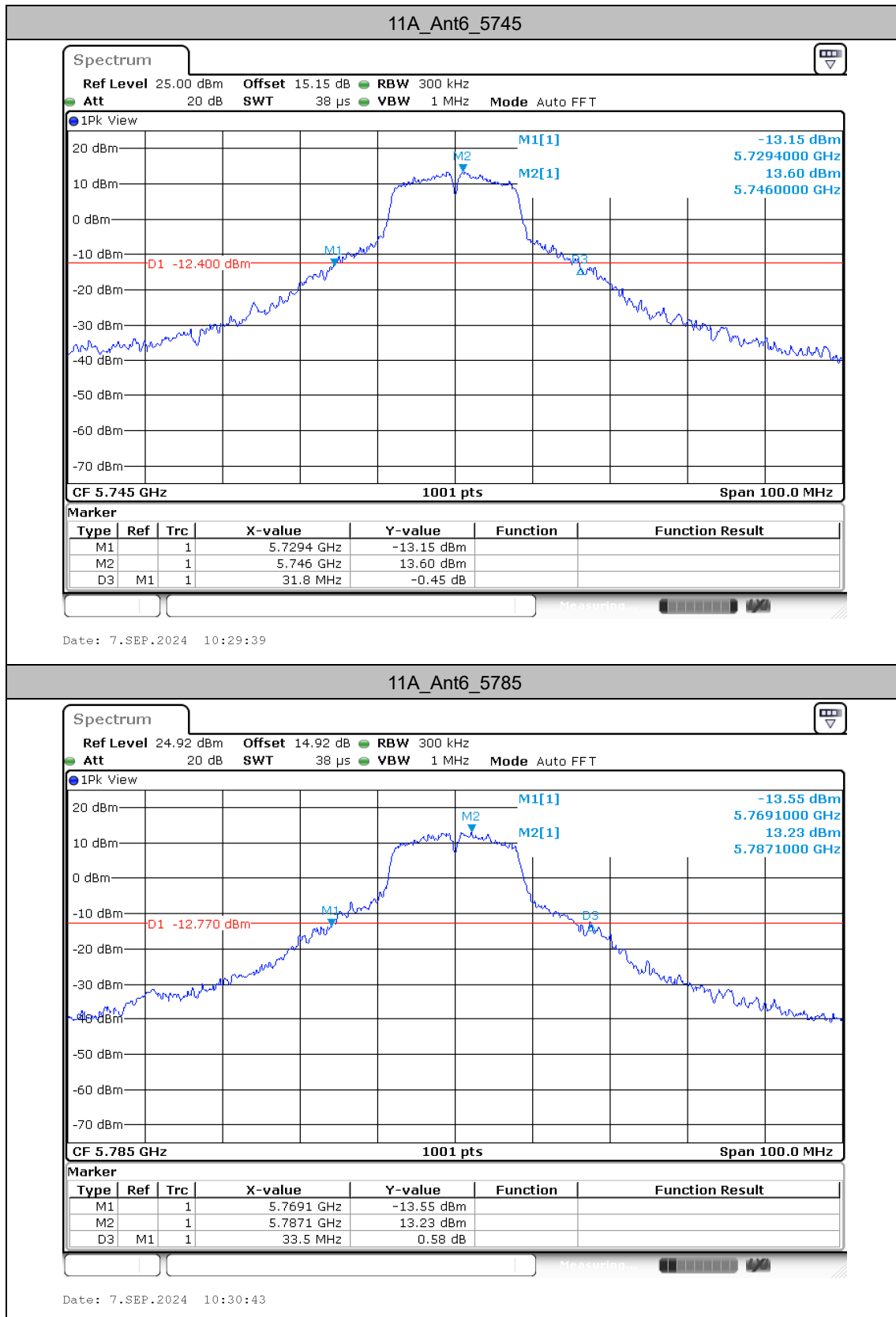


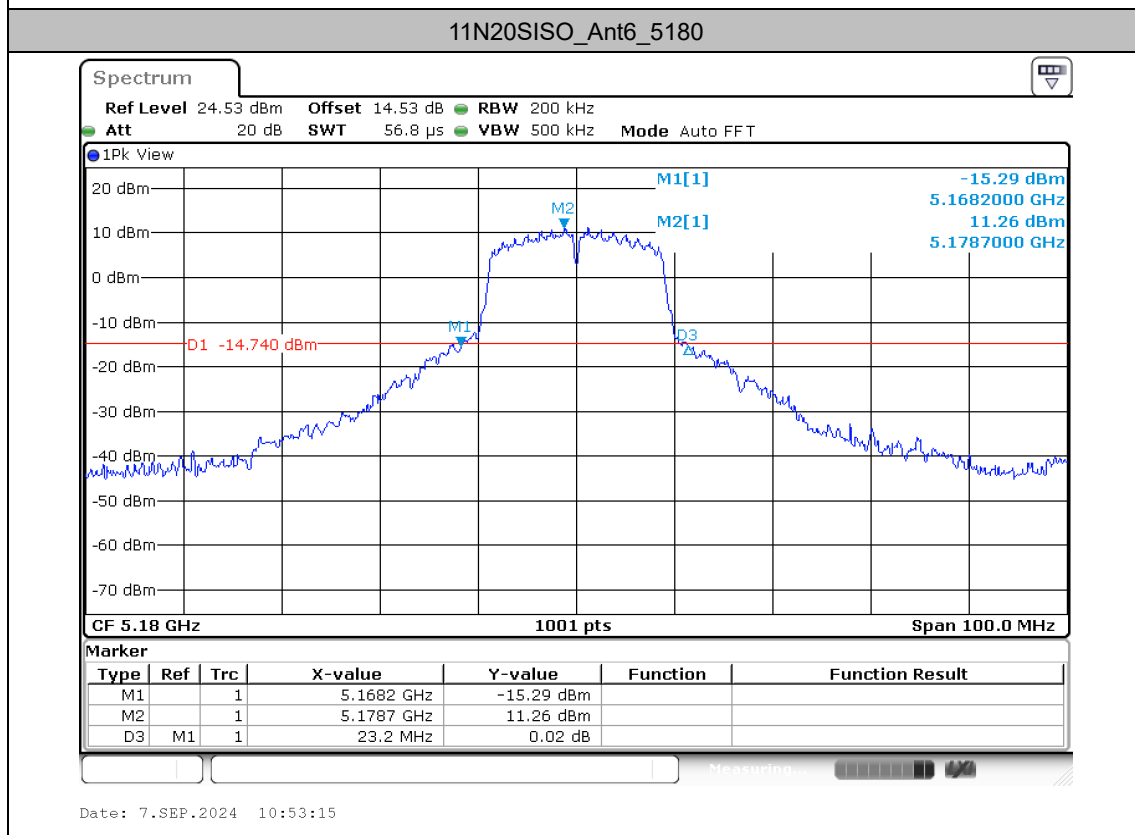
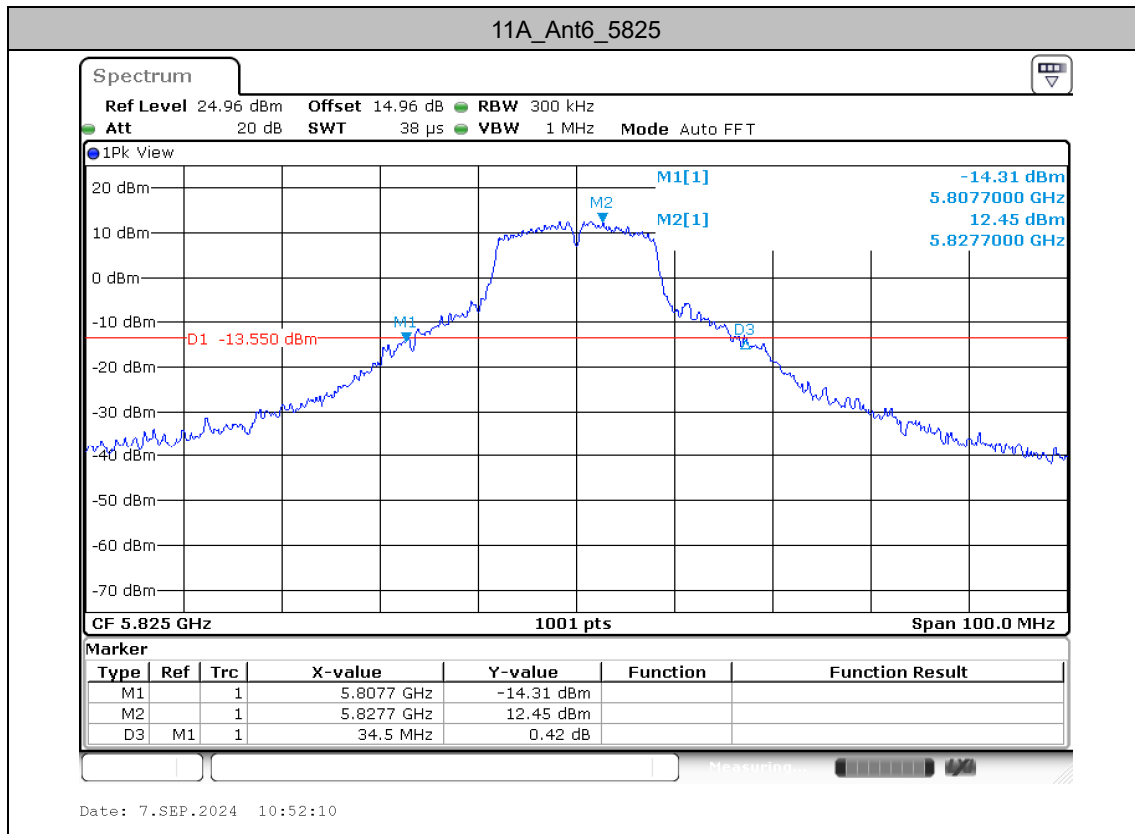


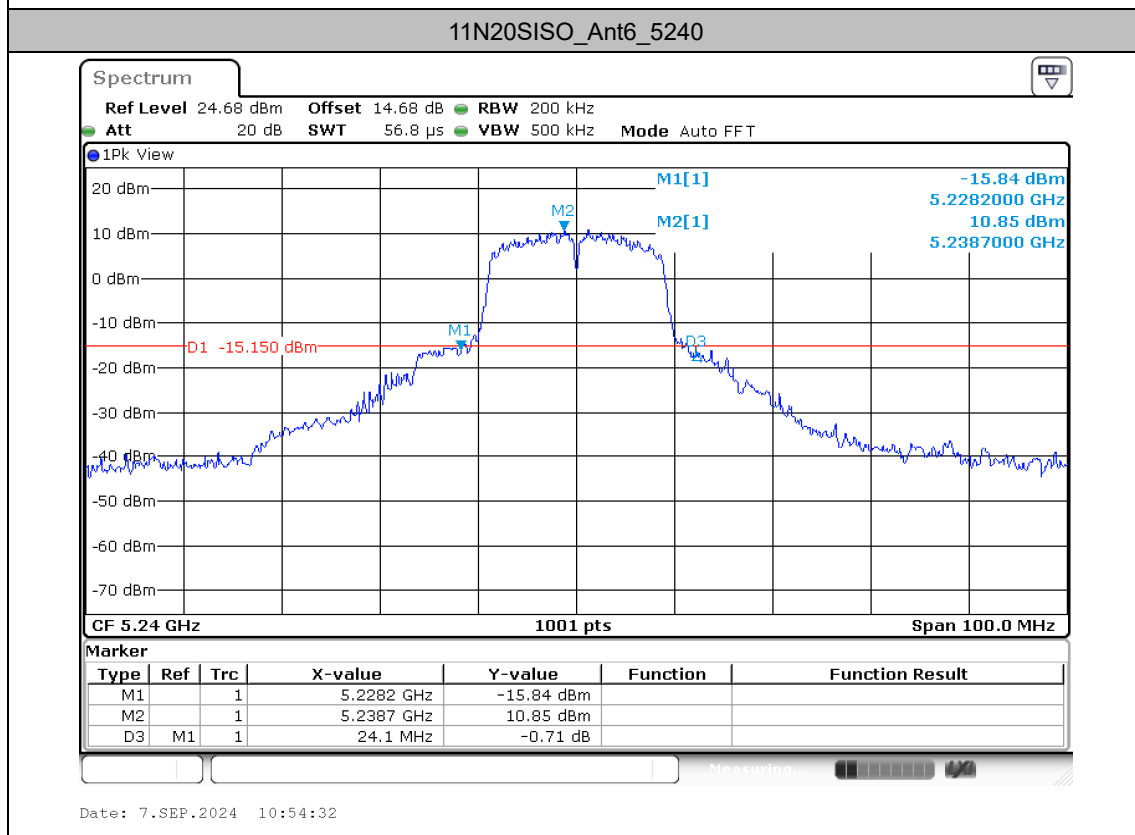
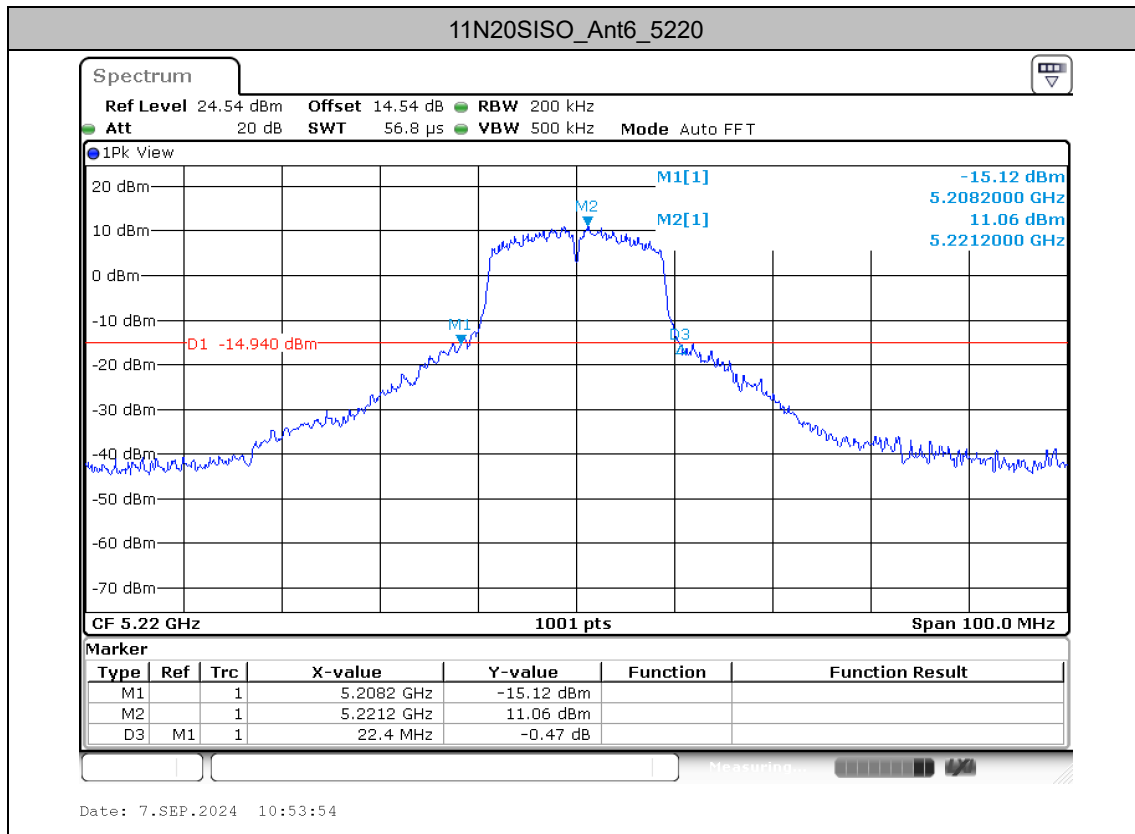


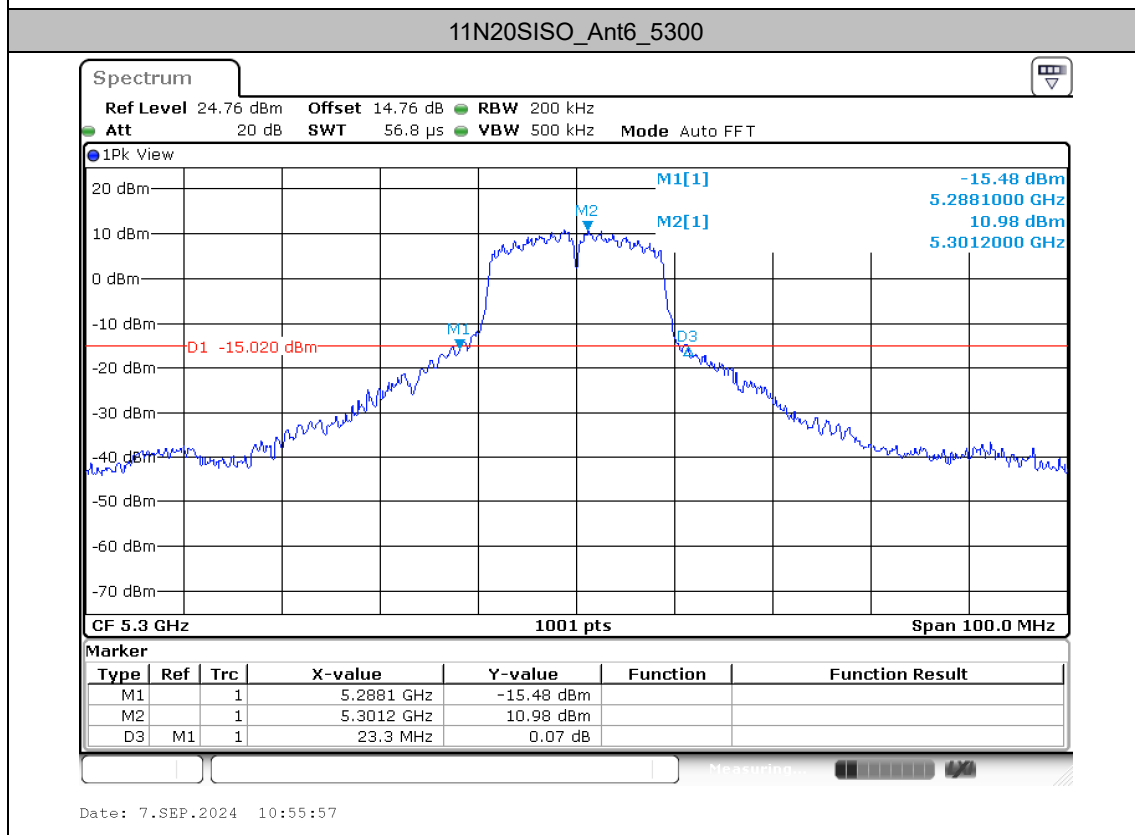
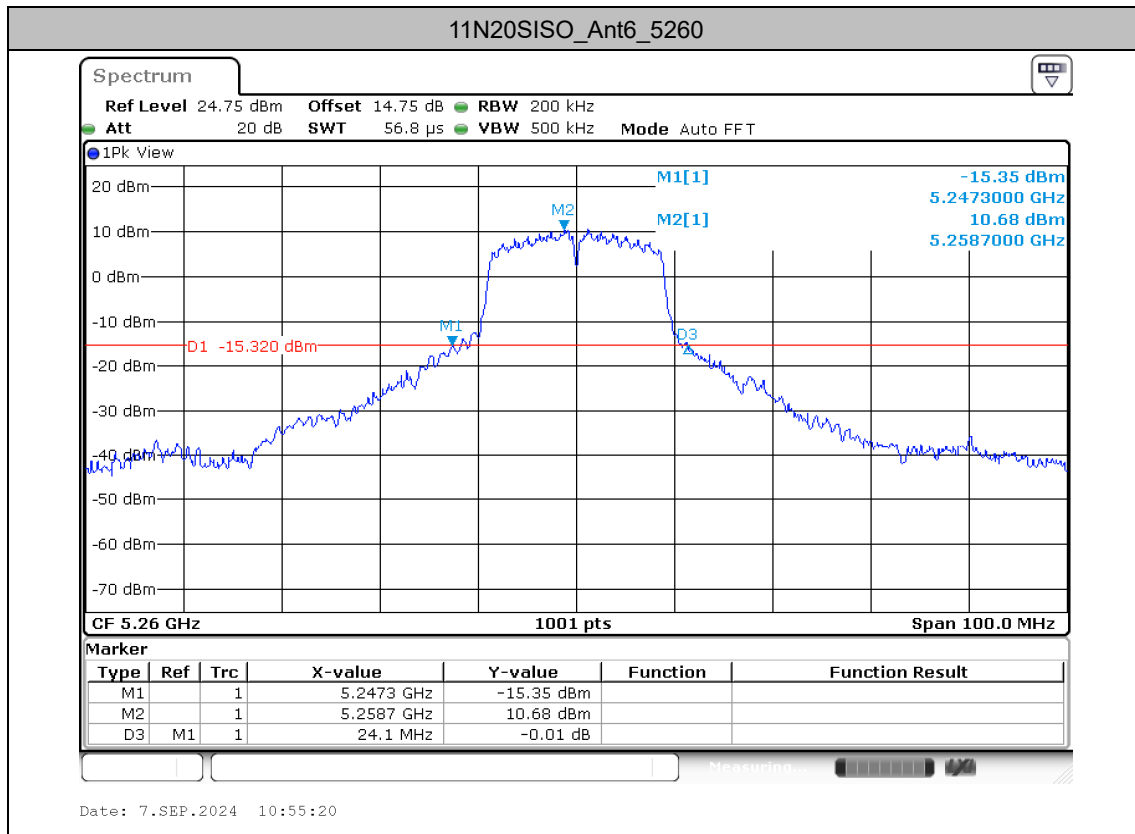


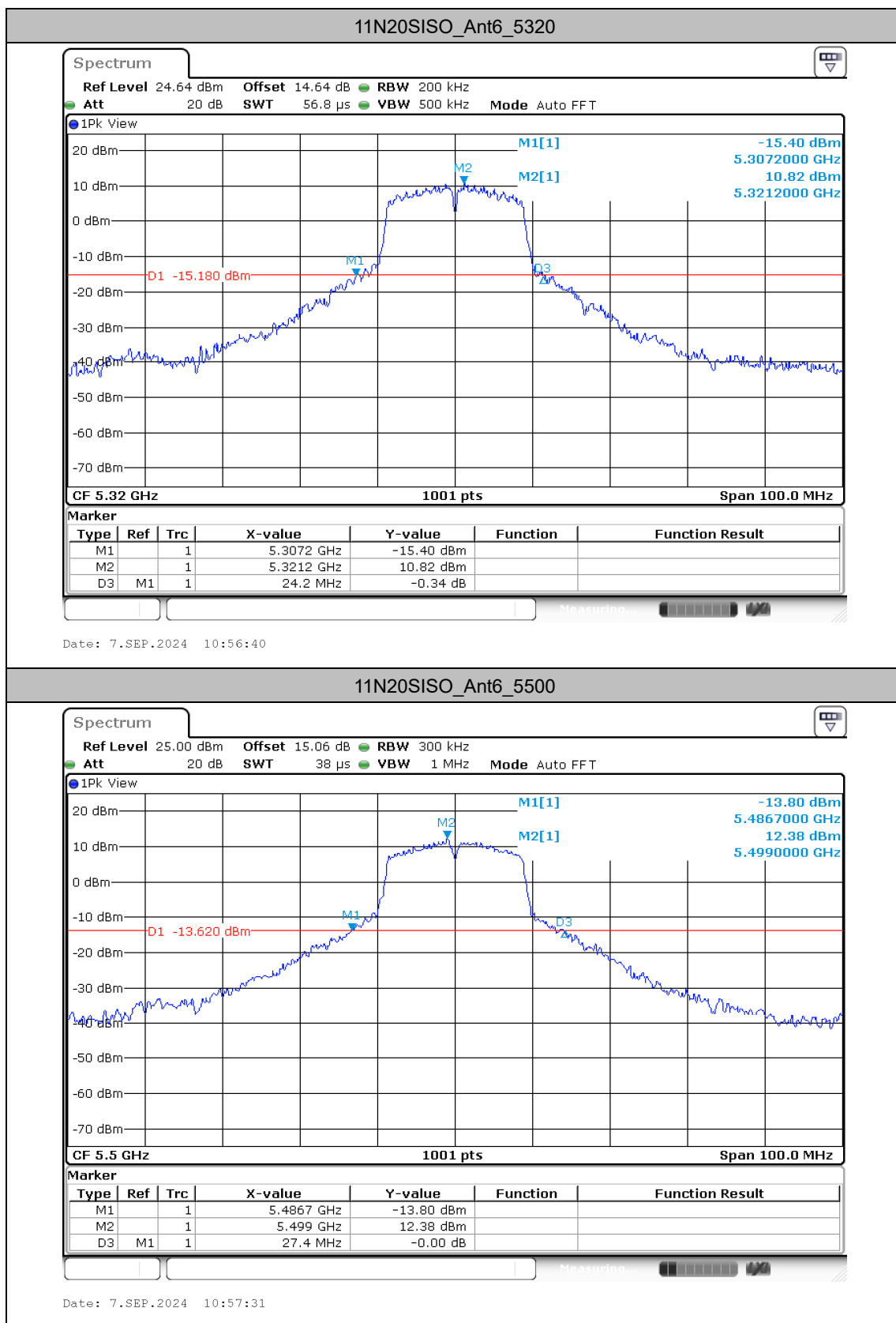


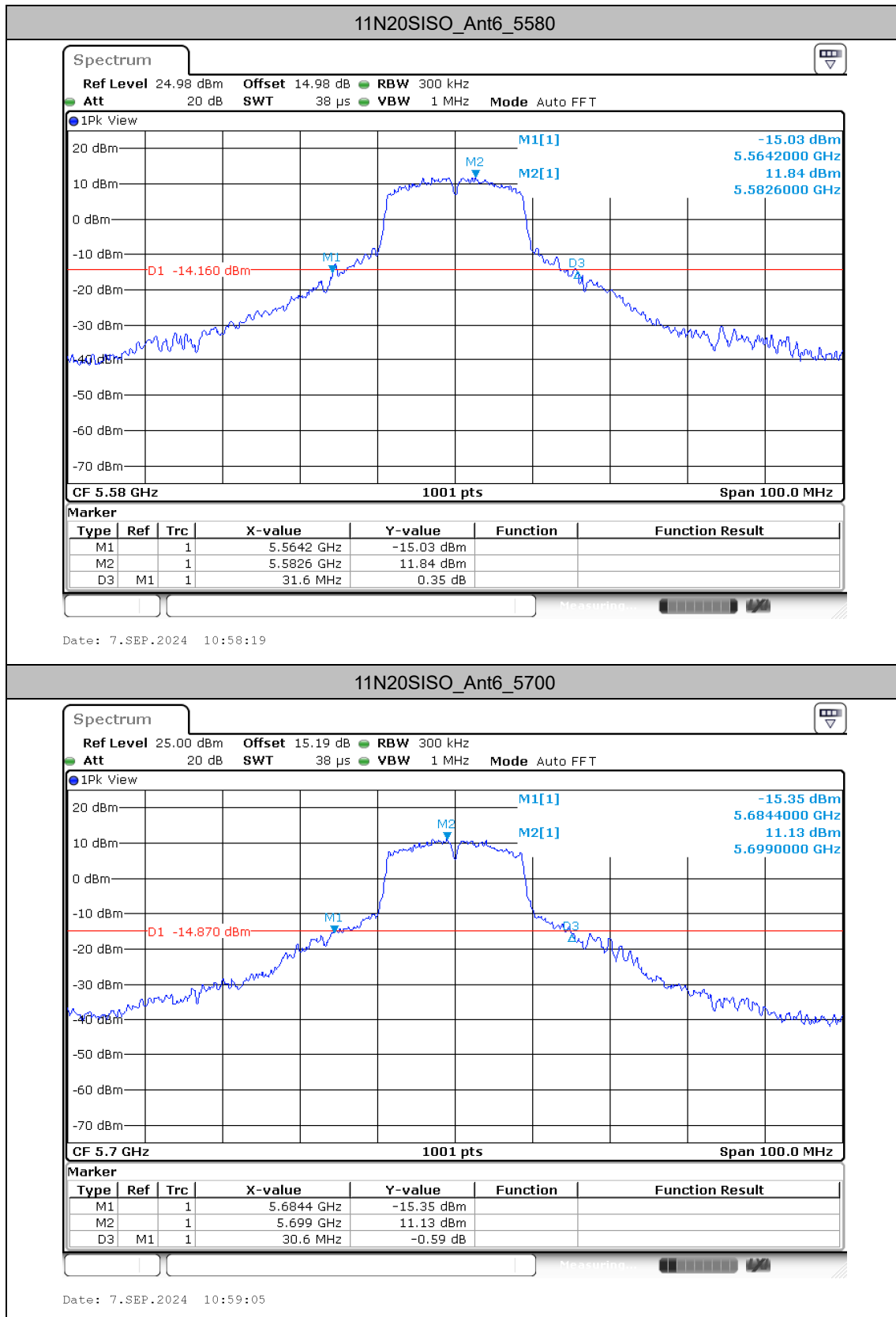


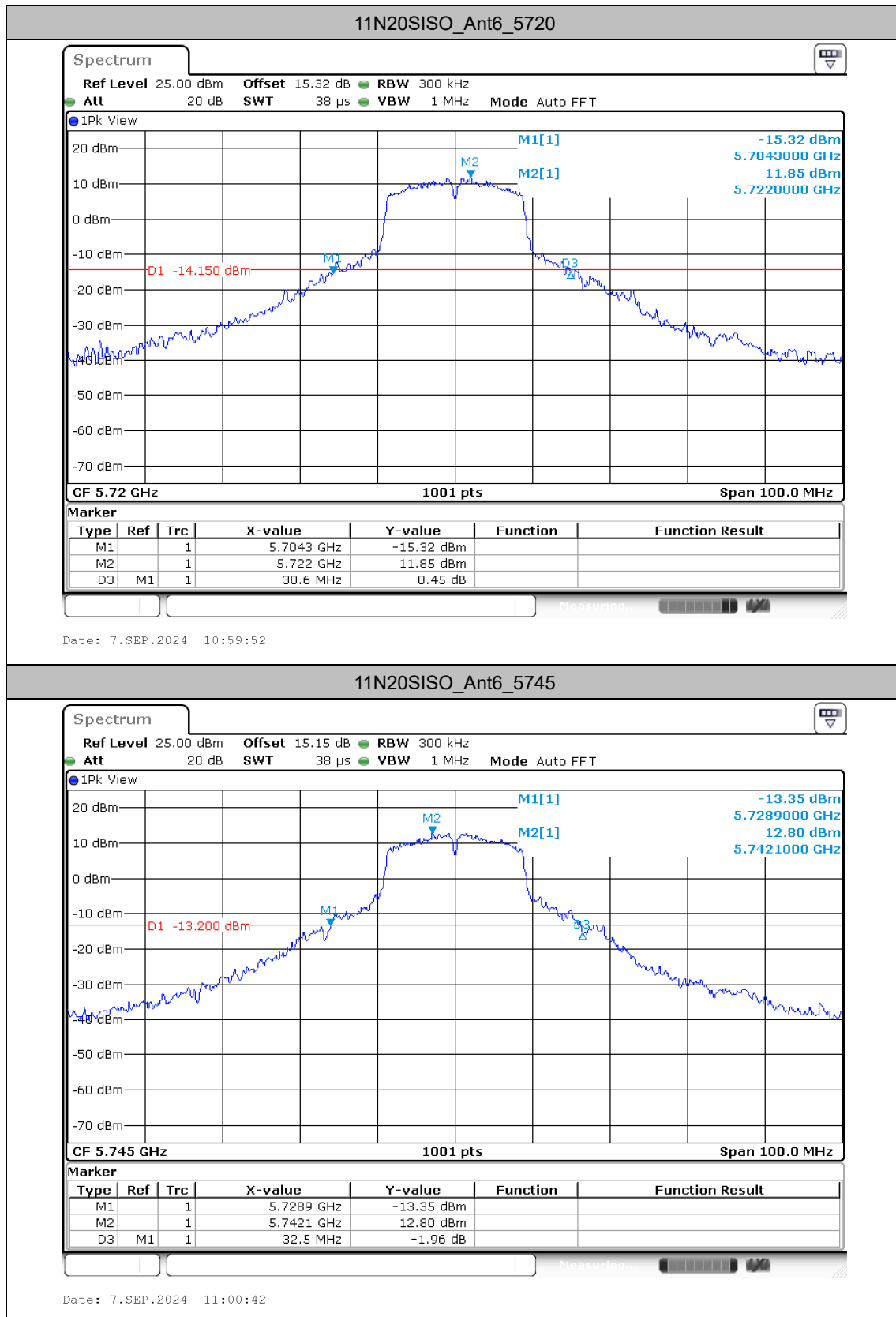


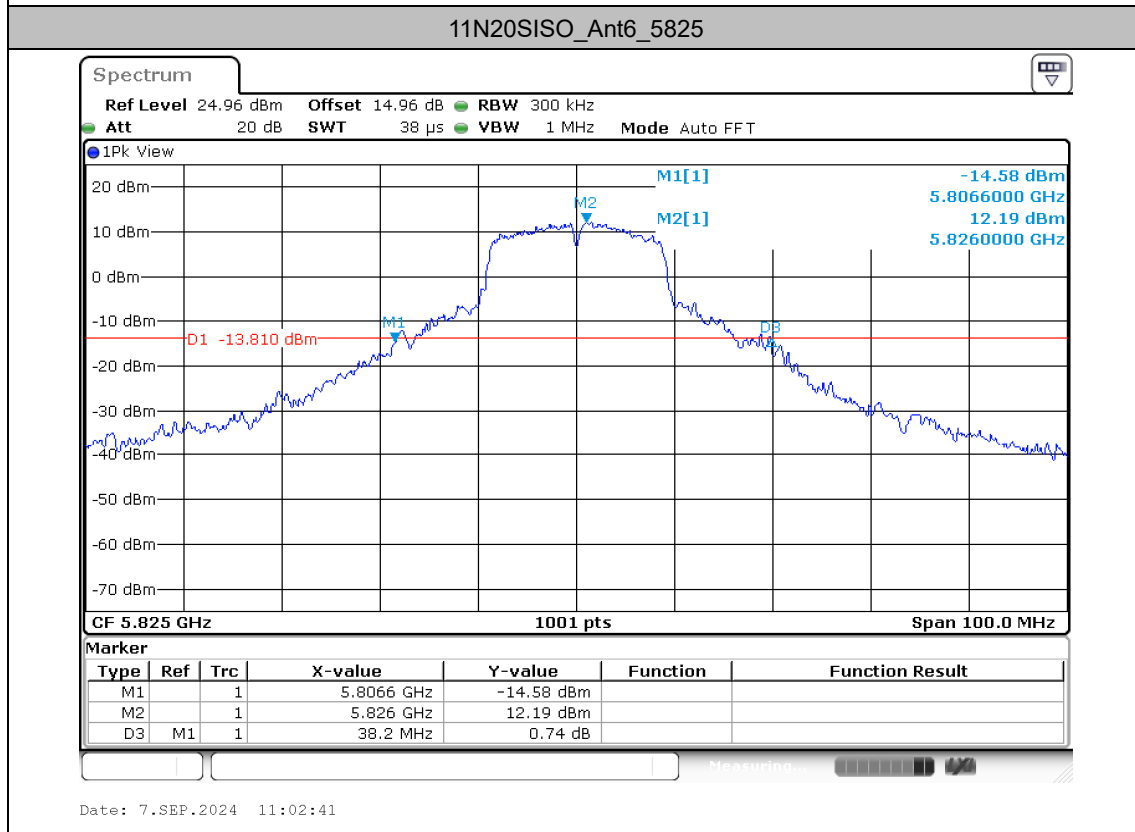
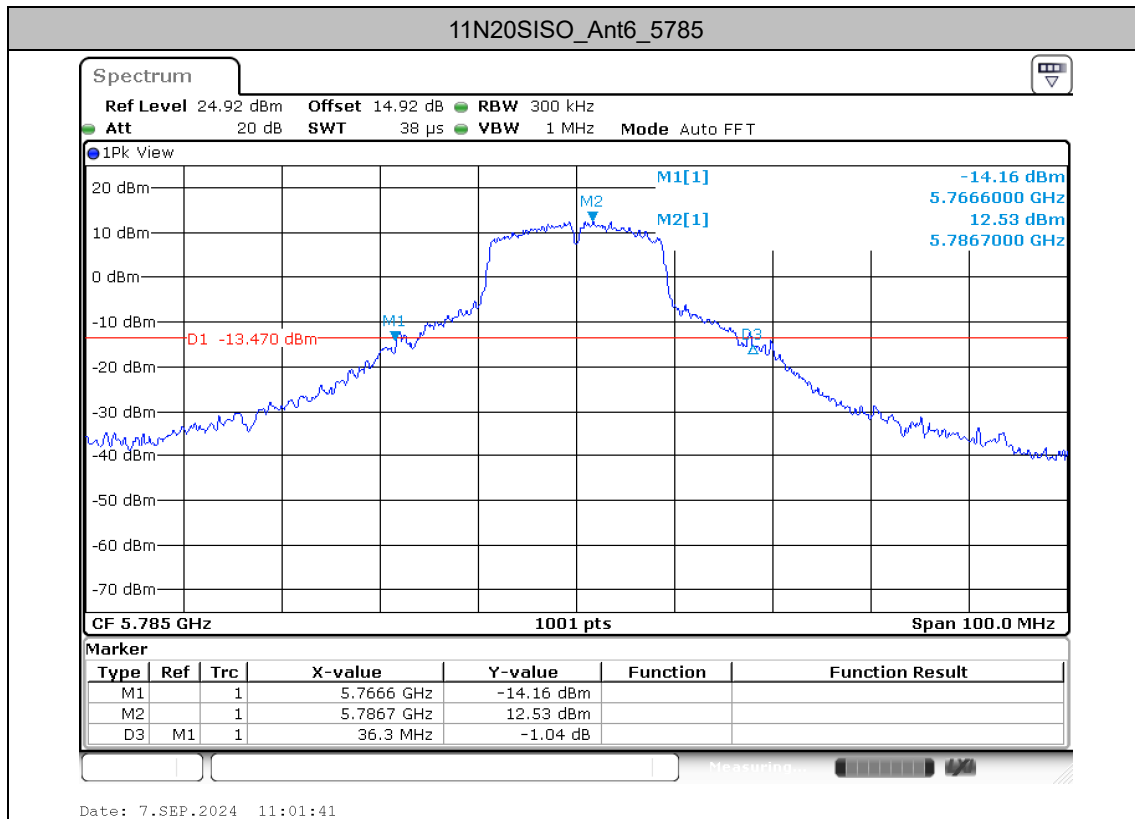


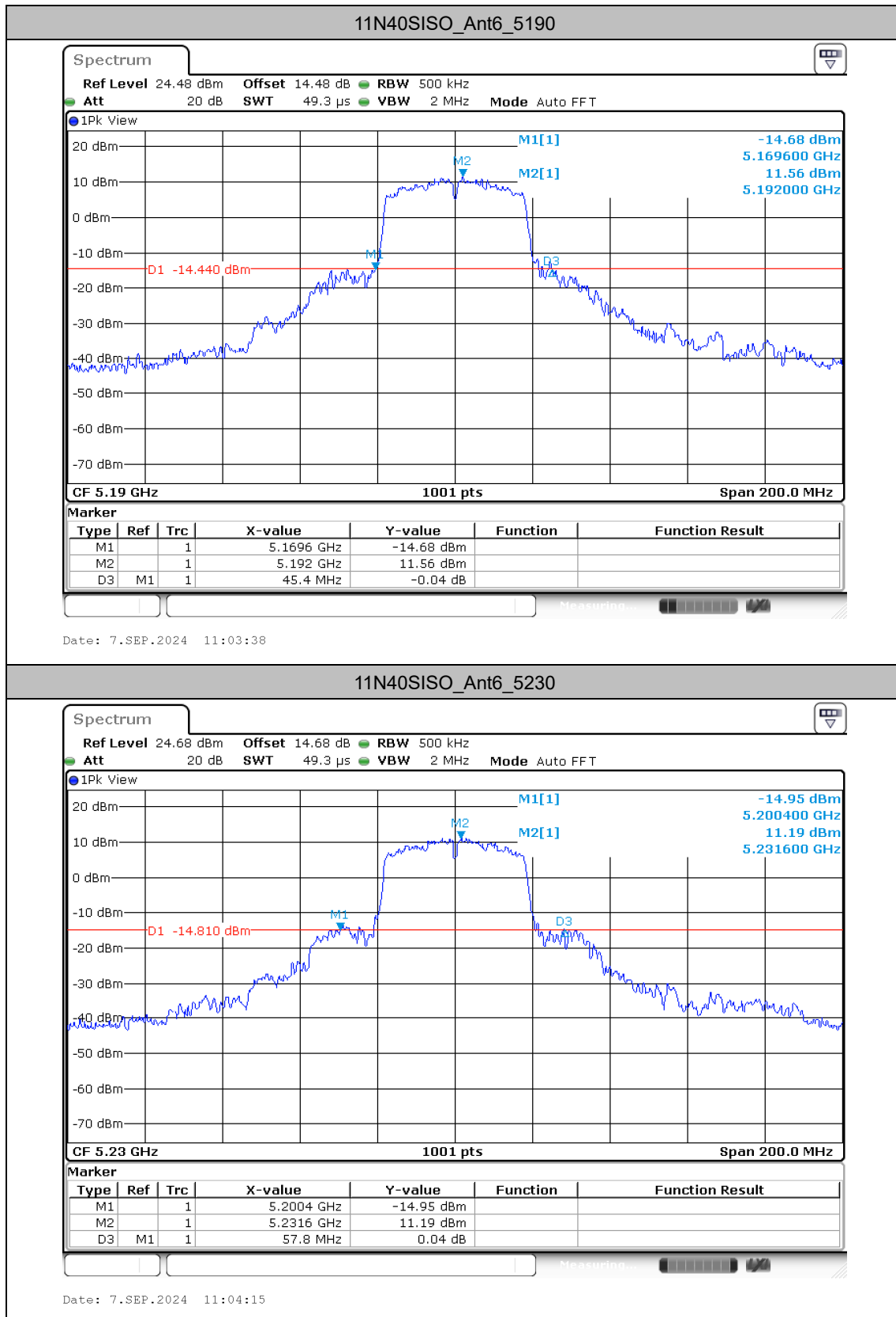


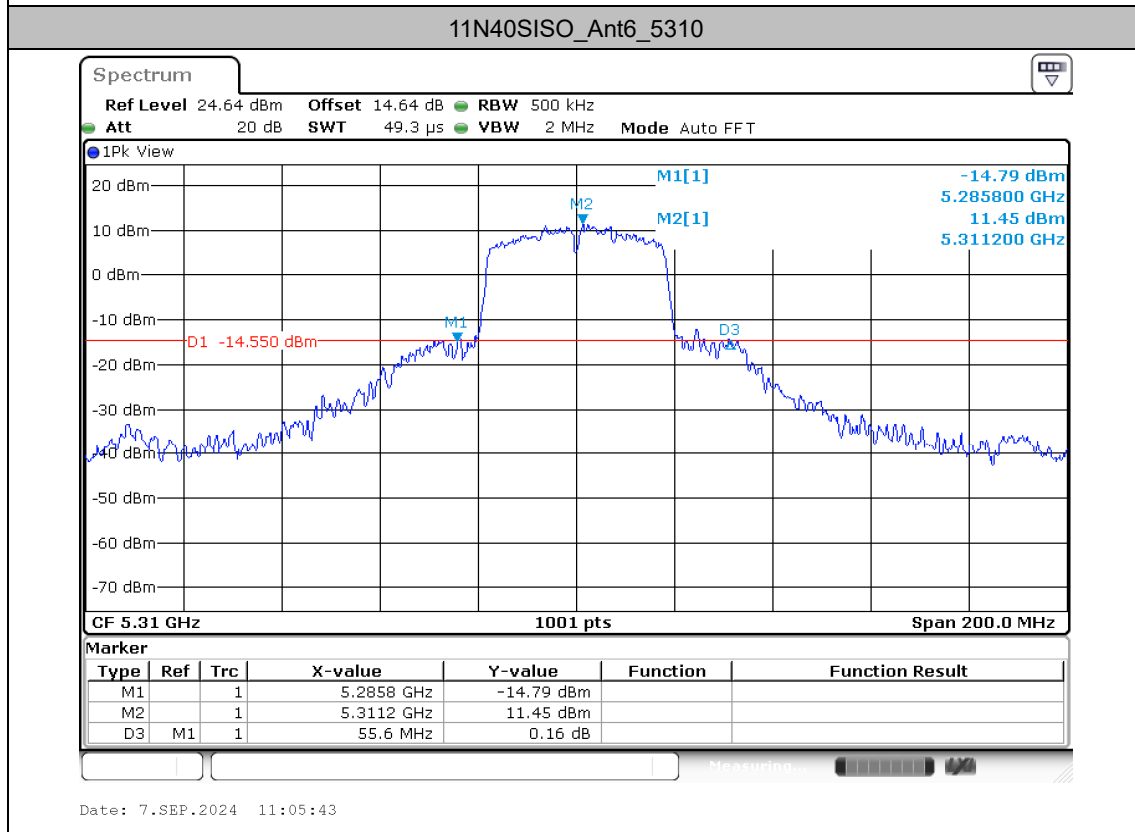
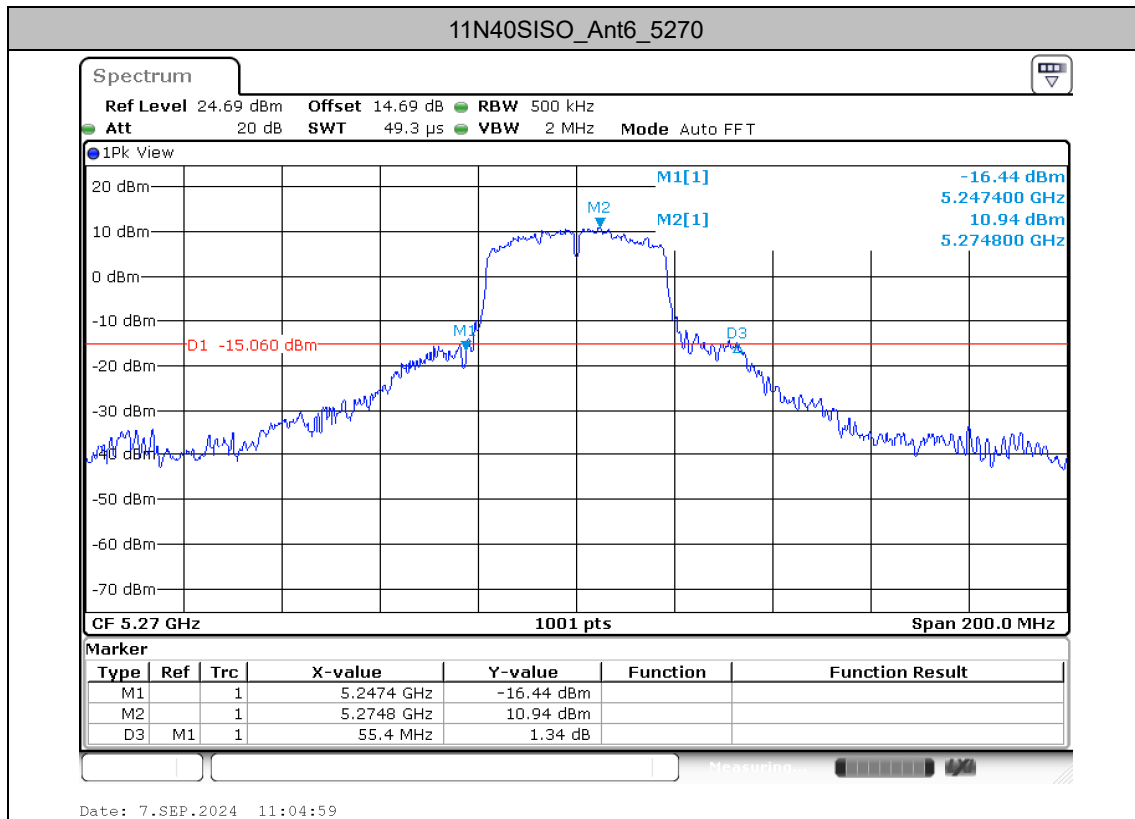


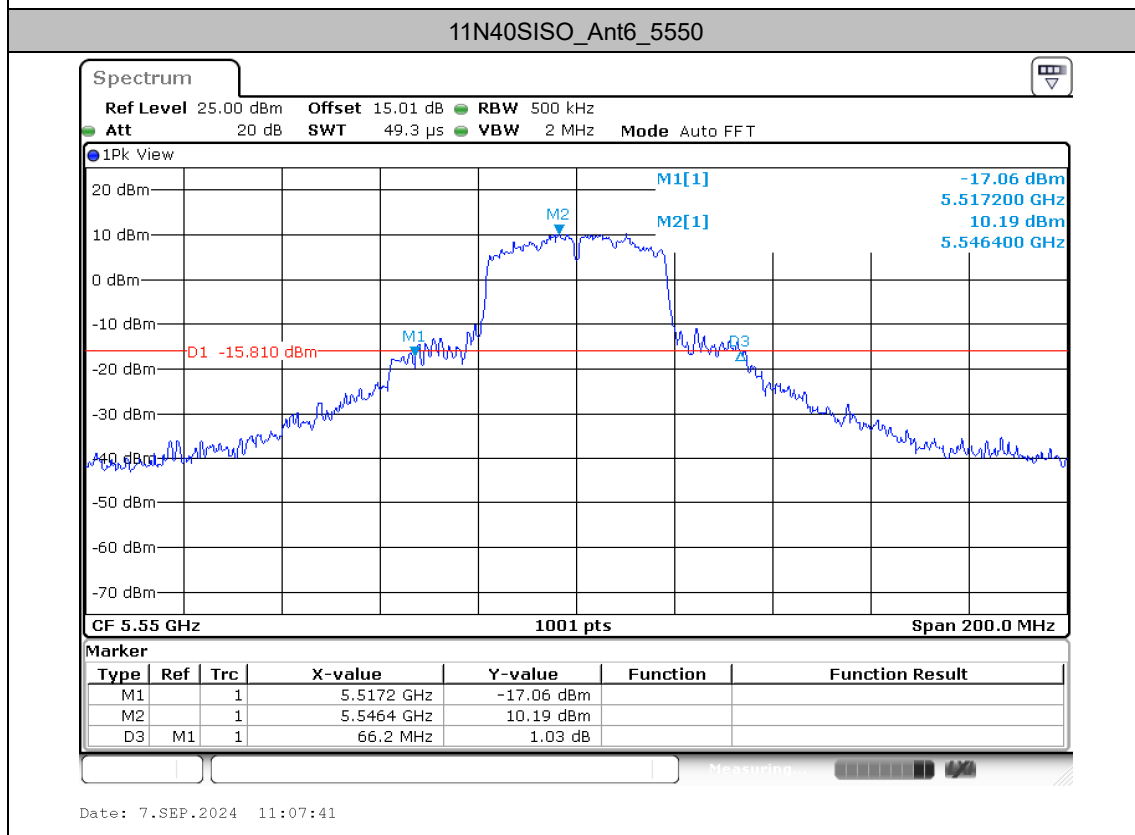
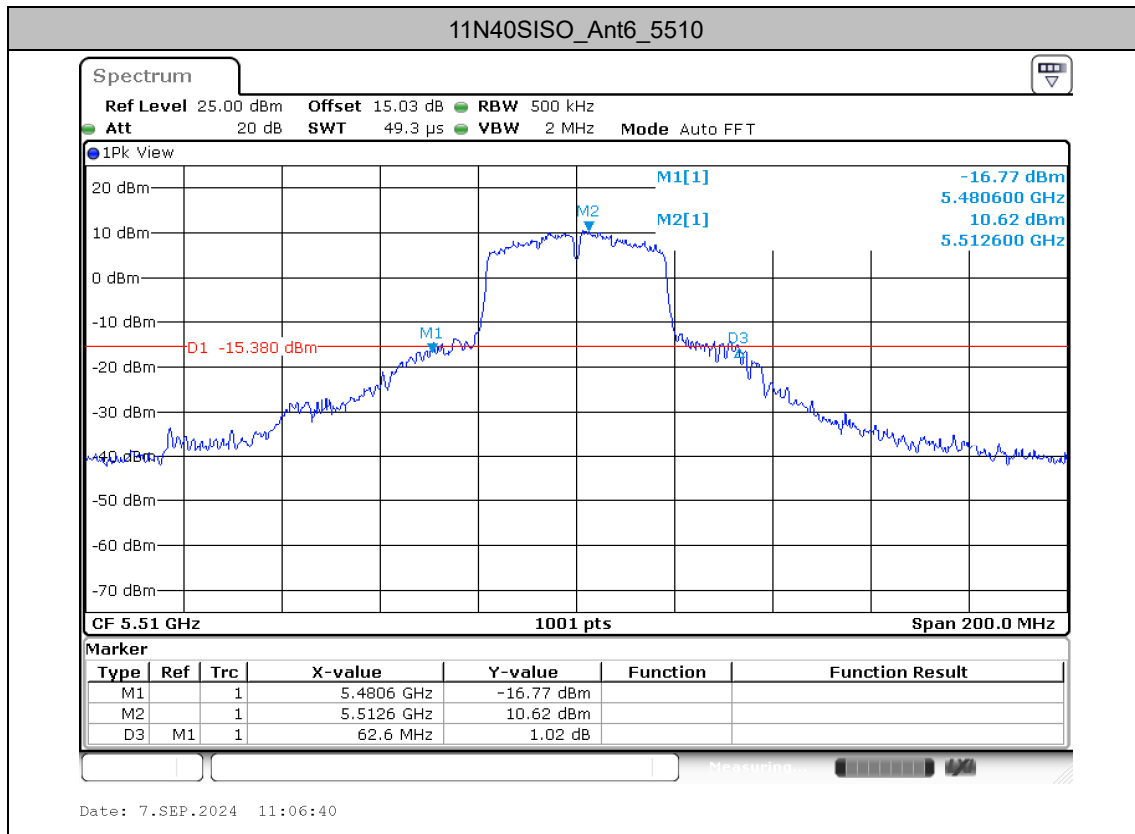


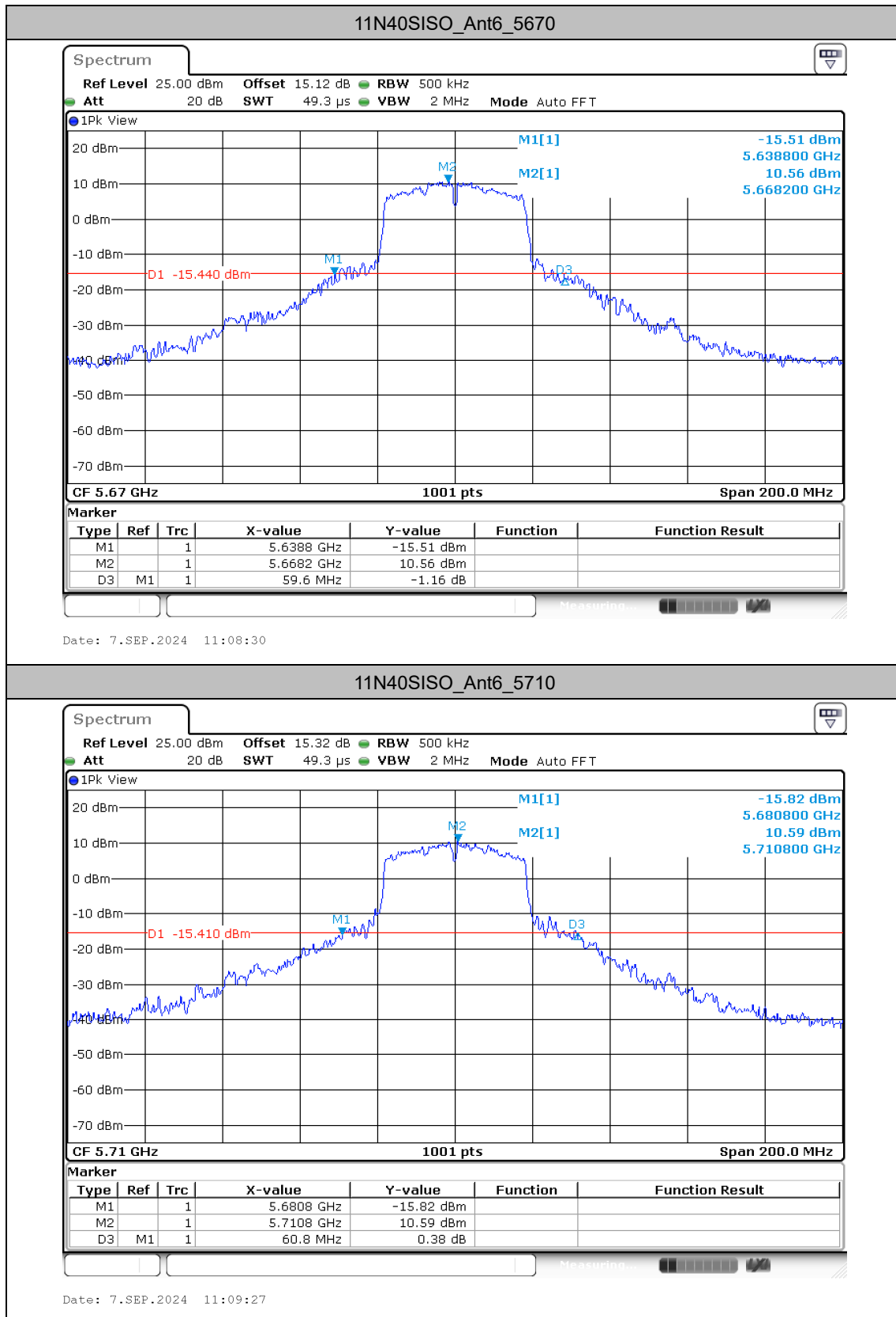


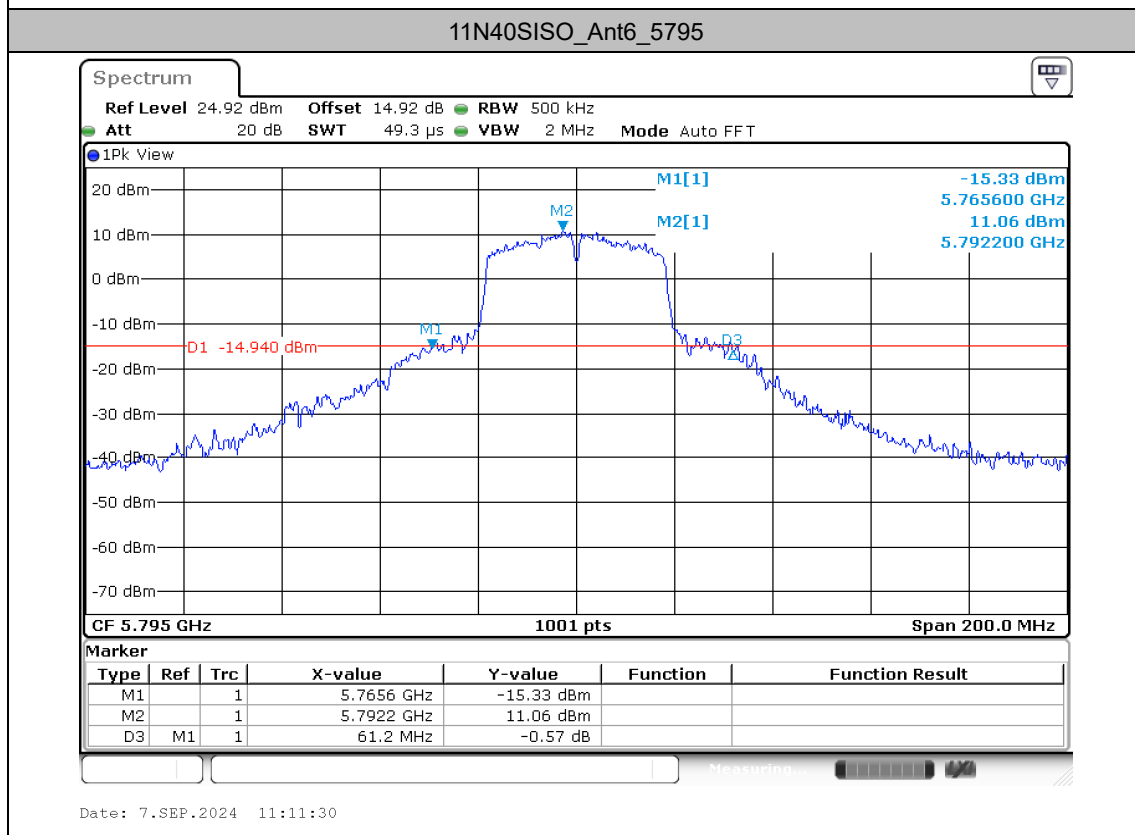
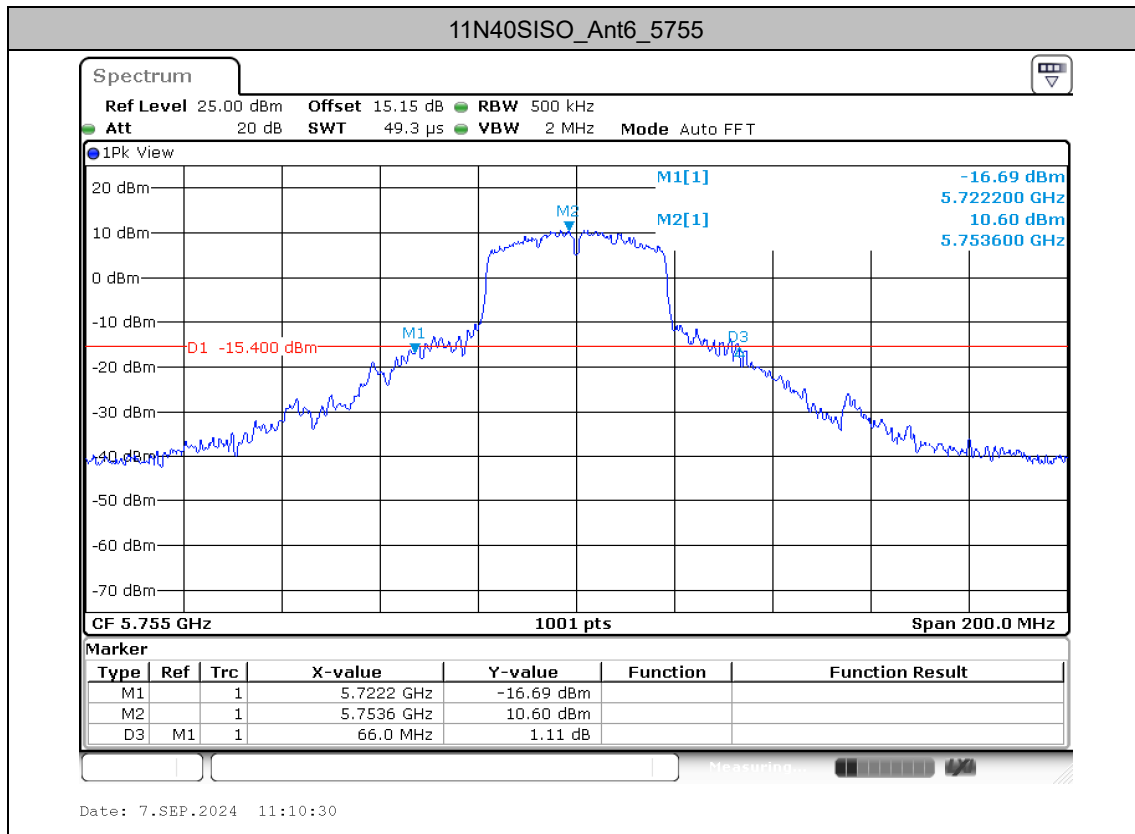


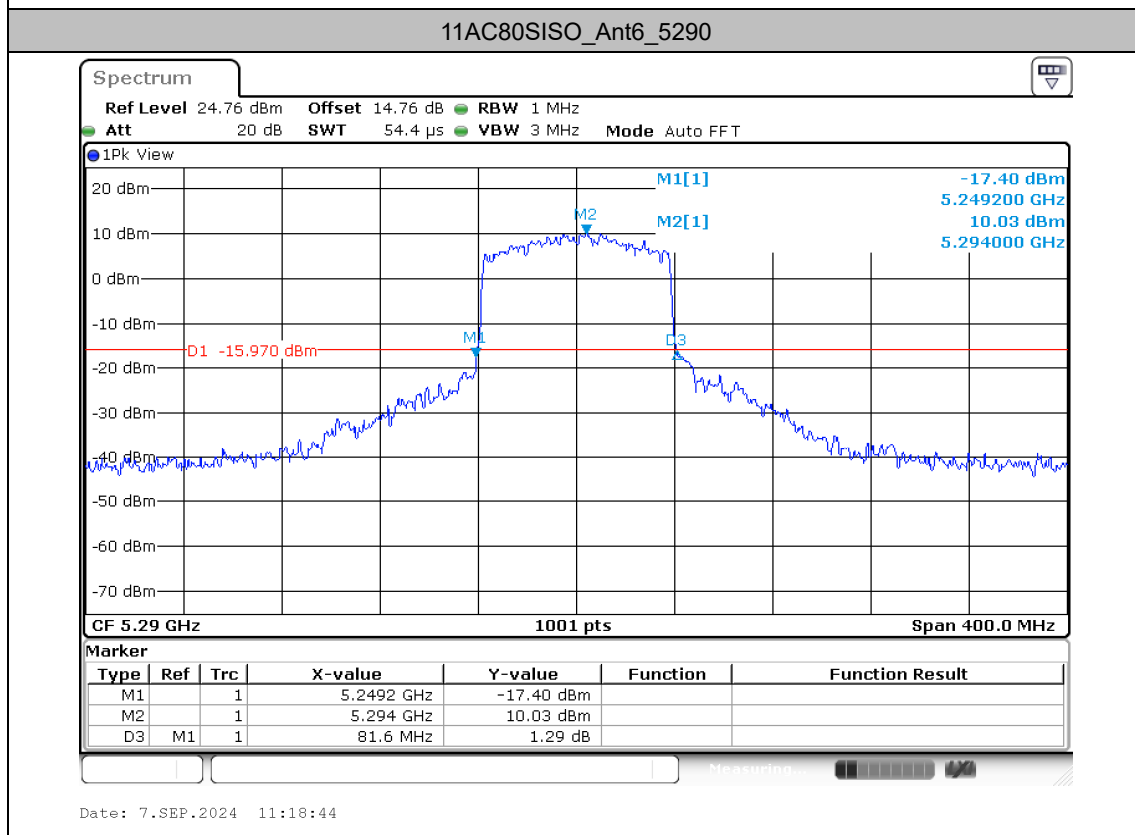
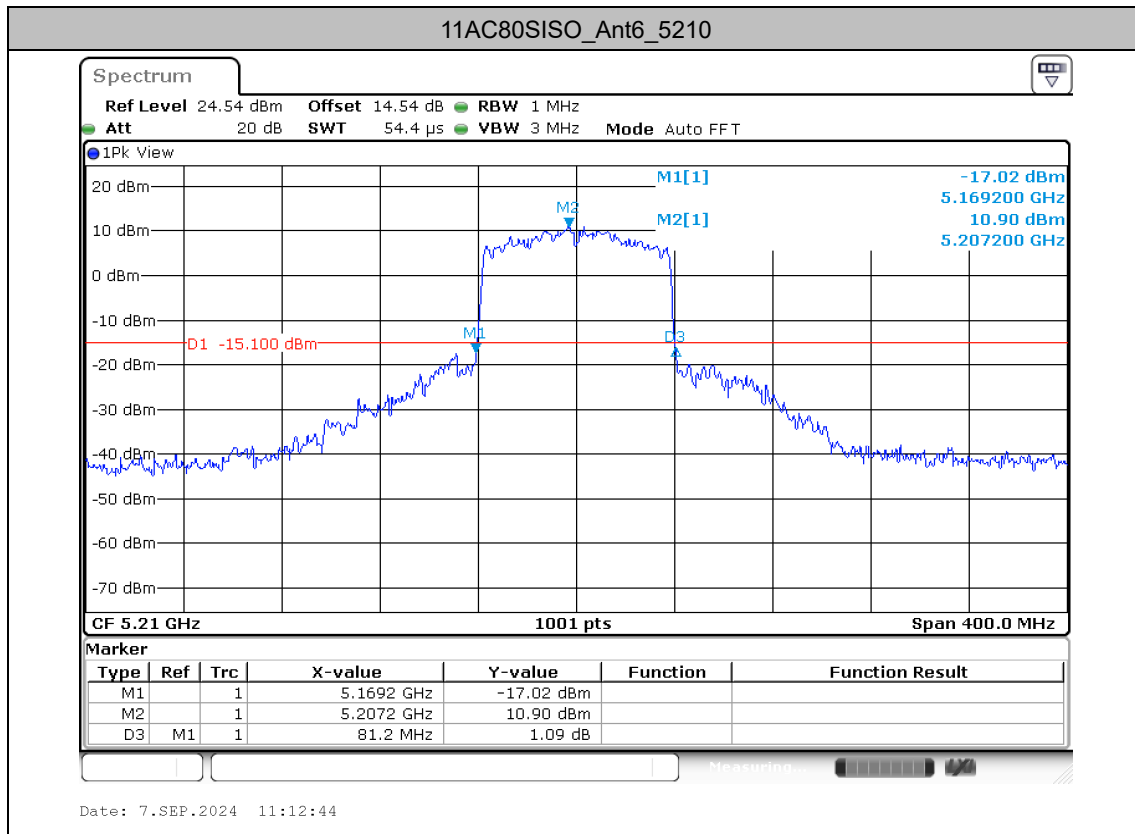


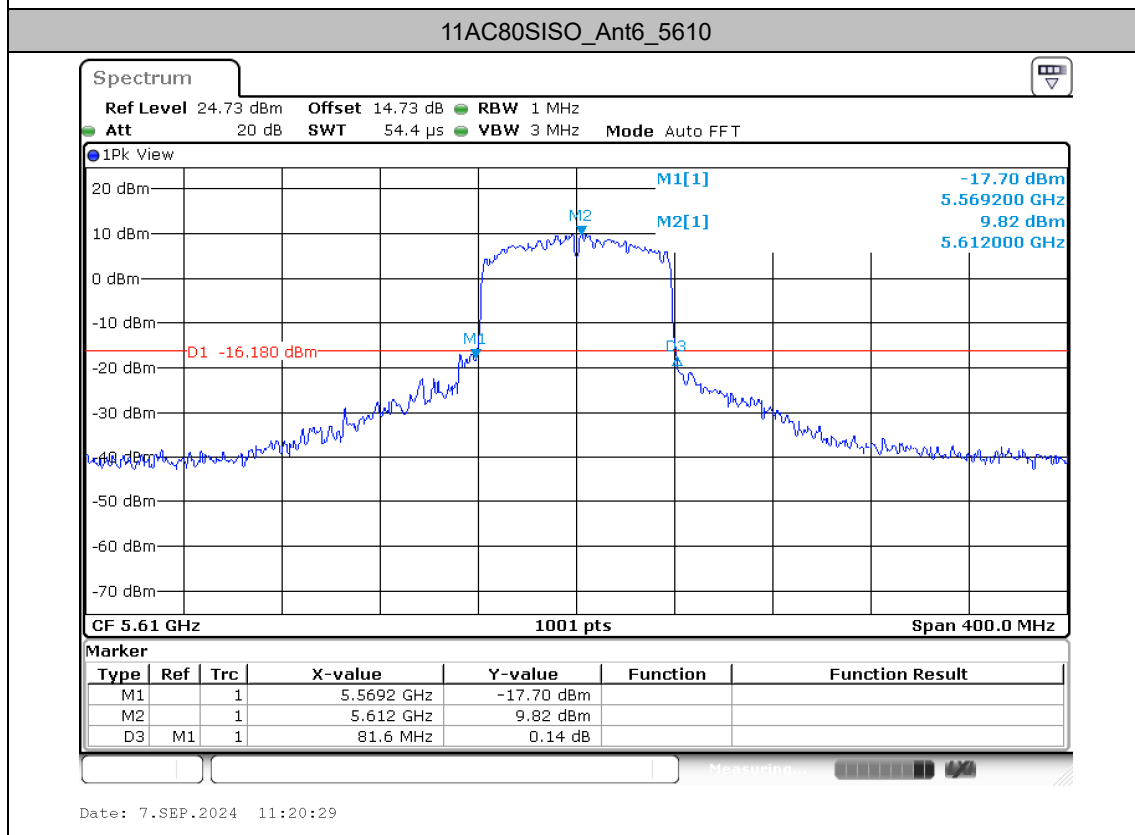
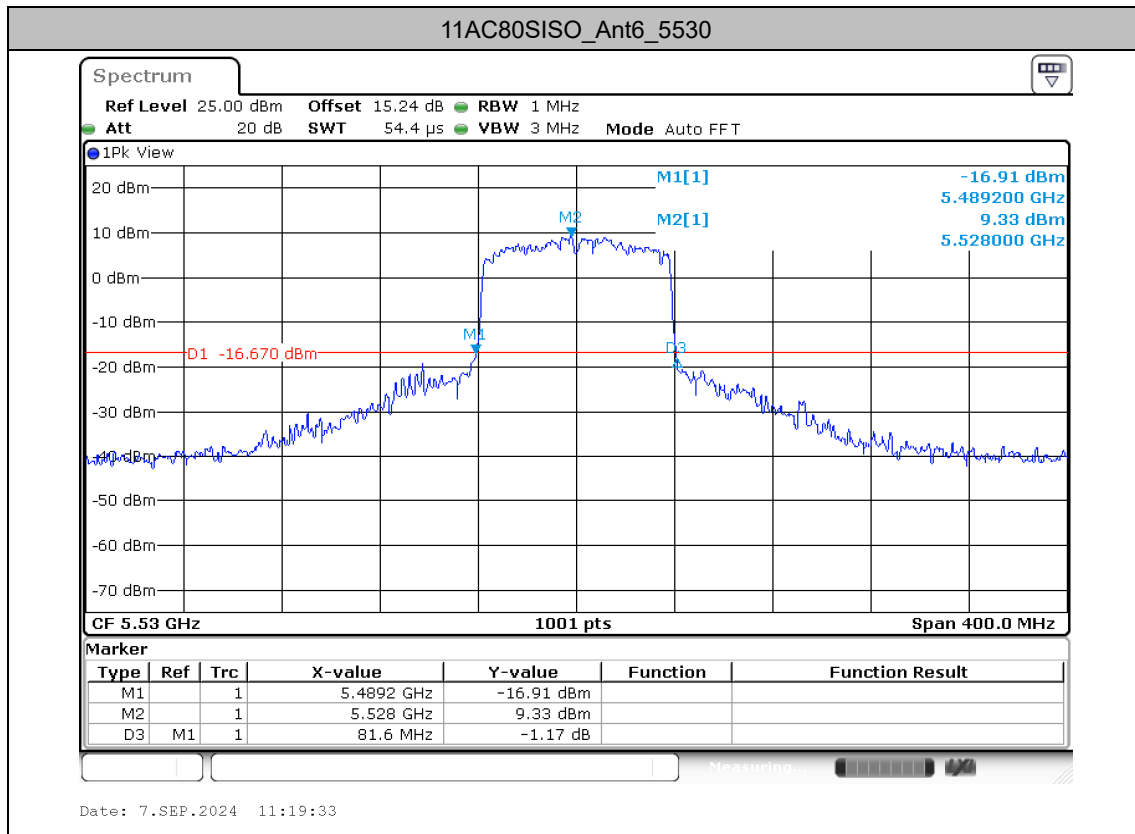


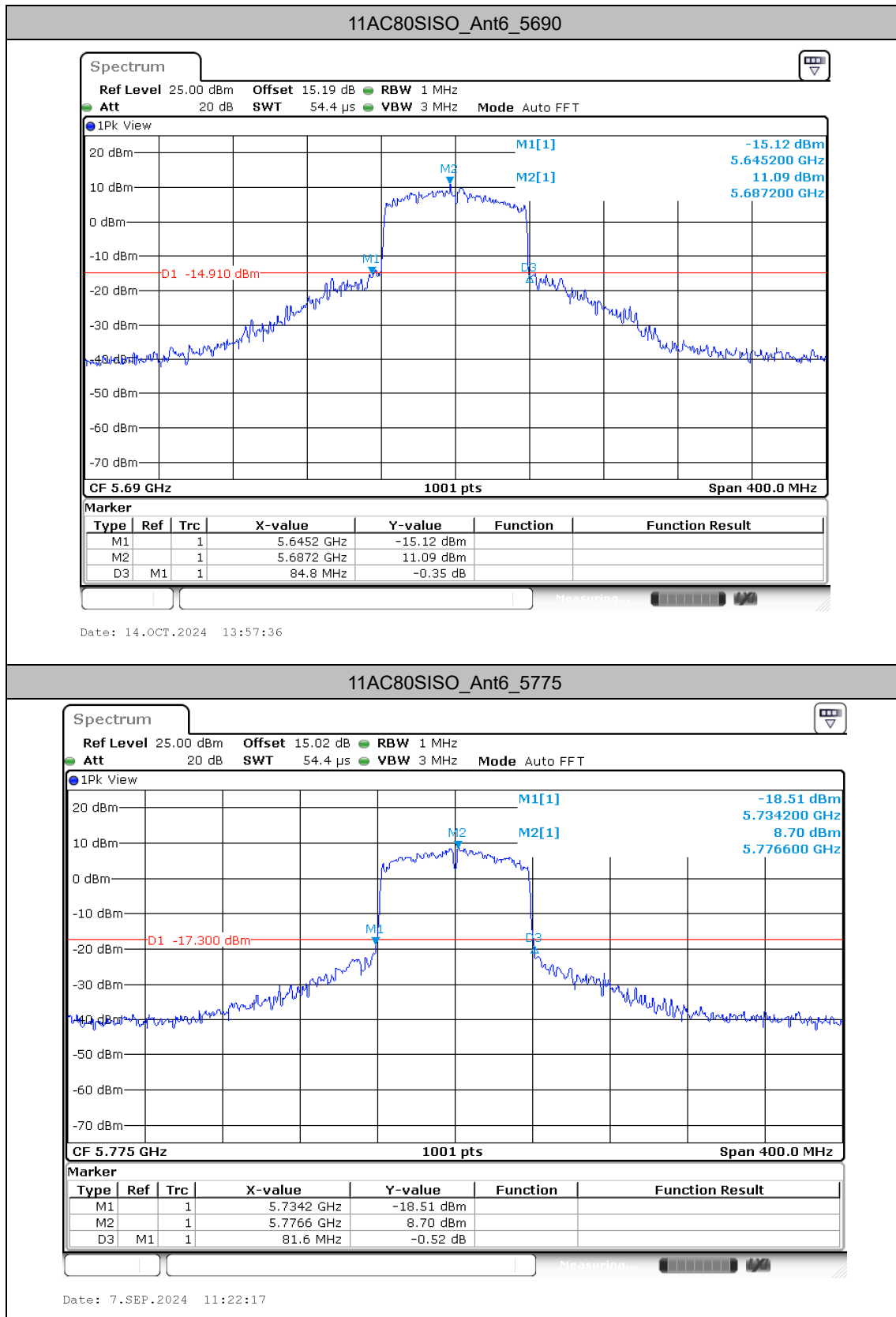














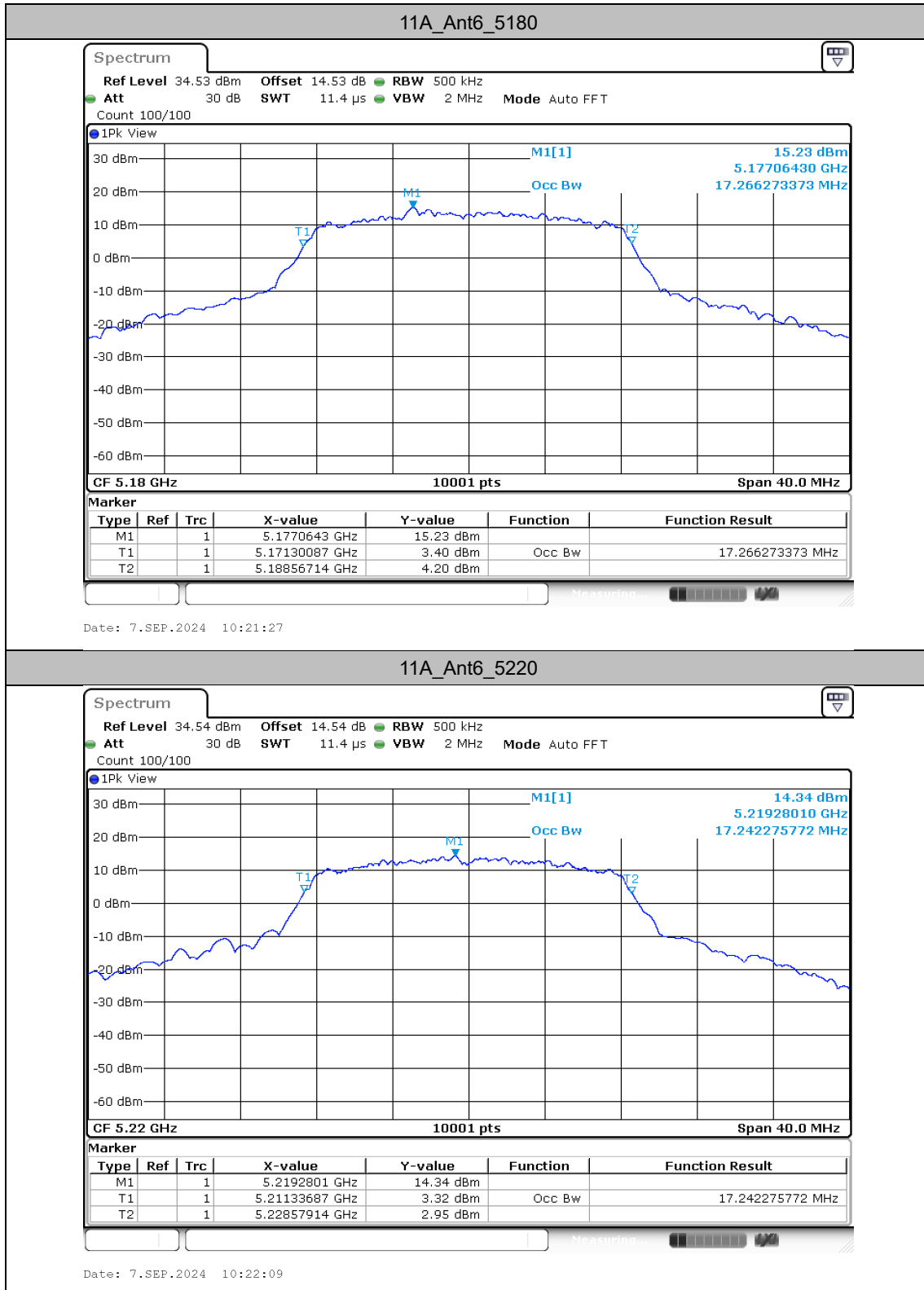
Occupied channel bandwidth

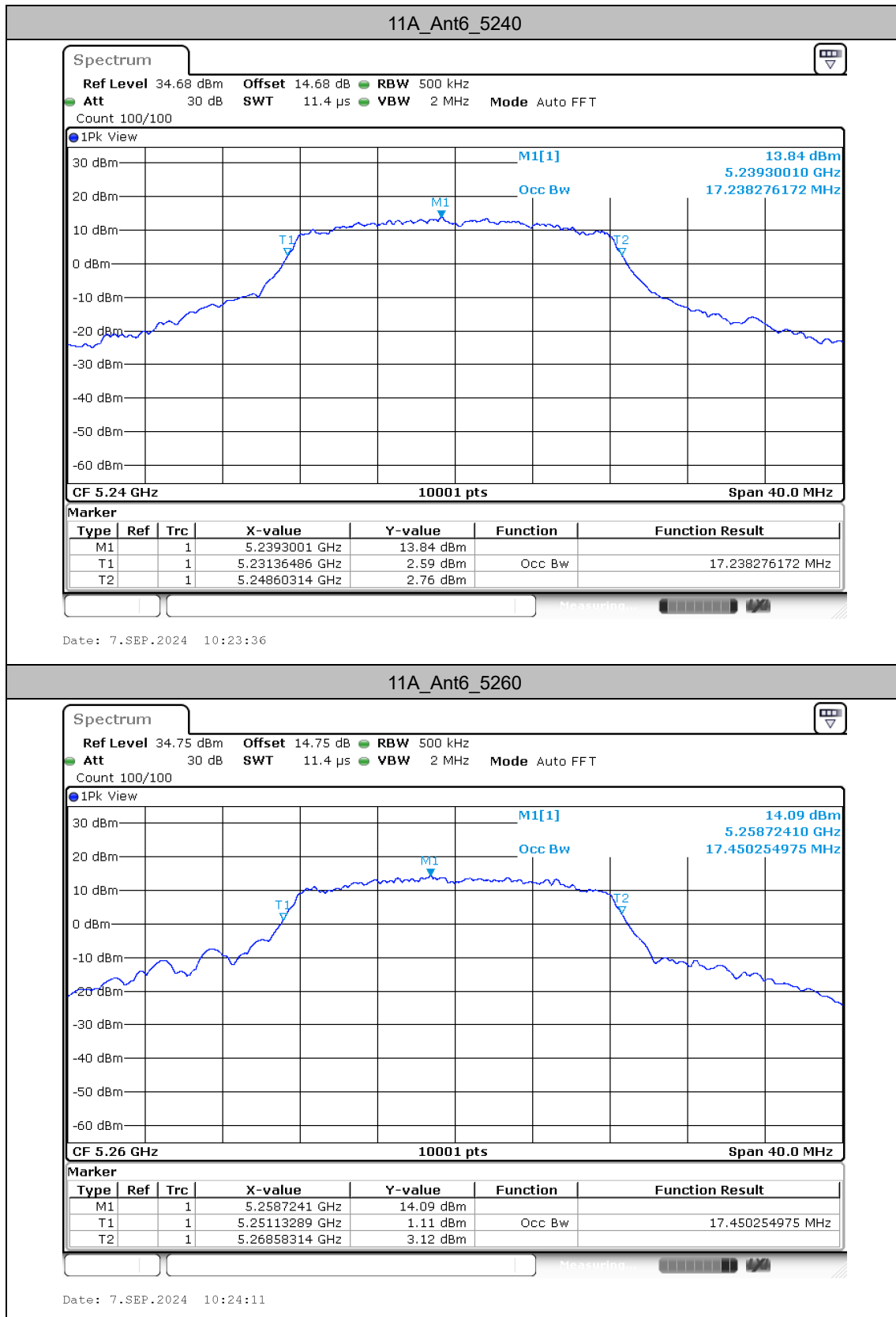
Test Result

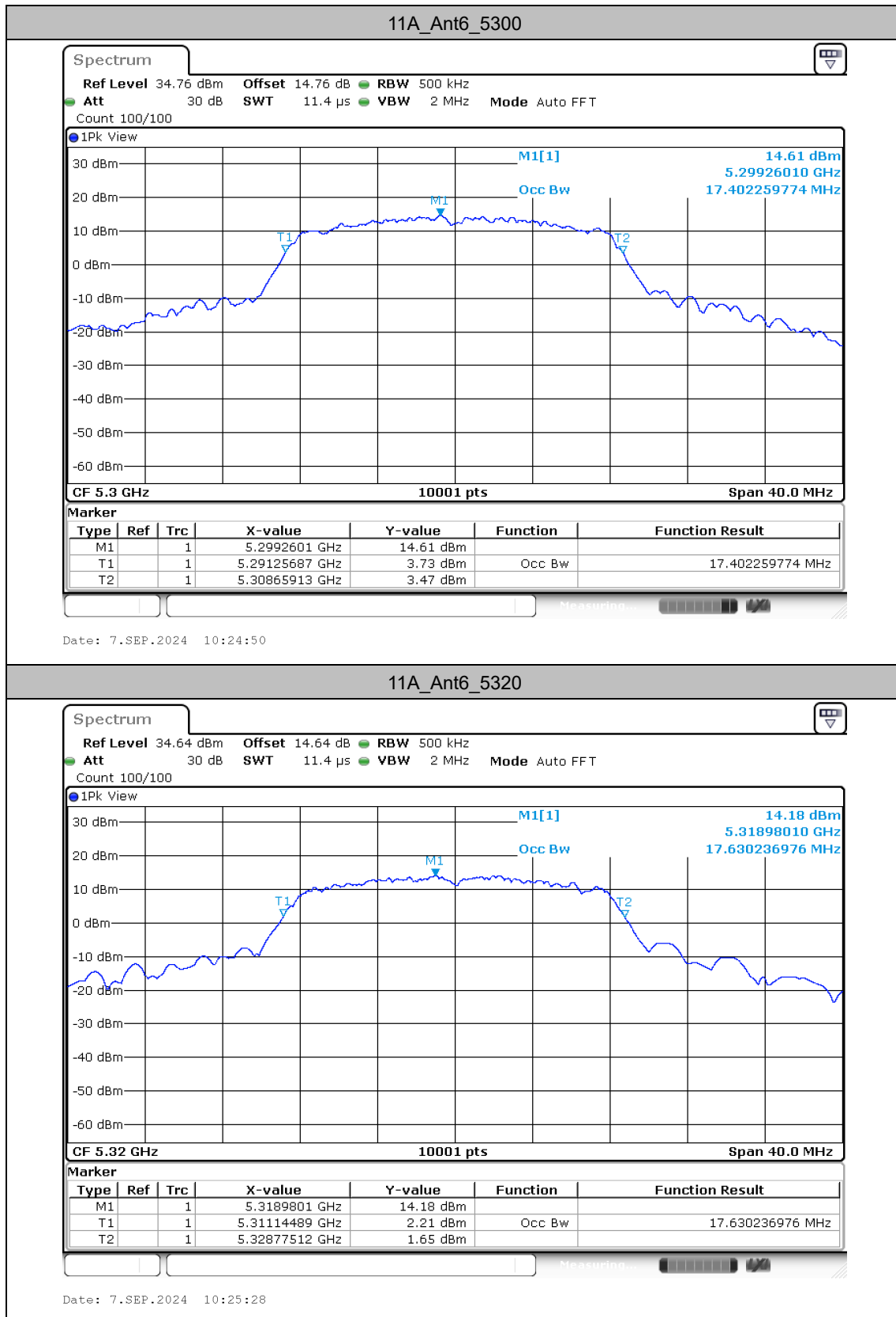
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant6	5180	17.266	5171.3009	5188.5671
		5220	17.242	5211.3369	5228.5791
		5240	17.238	5231.3649	5248.6031
		5260	17.45	5251.1329	5268.5831
		5300	17.402	5291.2569	5308.6591
		5320	17.63	5311.1449	5328.7751
		5500	17.754	5491.1609	5508.9151
		5580	17.754	5571.2449	5588.9991
		5700	18.826	5690.3290	5709.1551
		5720	18.142	5710.8049	5728.9471
		5745	19.634	5735.4650	5755.0990
		5785	18.706	5775.6009	5794.3071
		5825	19.198	5815.1250	5834.3231
11N20SISO	Ant6	5180	18.458	5170.5889	5189.0471
		5220	18.378	5210.6889	5229.0671
		5240	18.322	5230.7249	5249.0471
		5260	18.554	5250.5649	5269.1191
		5300	18.498	5290.7089	5309.2071
		5320	18.466	5310.6209	5329.0871
		5500	18.506	5490.7409	5509.2471
		5580	18.406	5570.6969	5589.1031
		5700	19.118	5690.2330	5709.3511
		5720	18.97	5710.3770	5729.3471
		5745	18.726	5735.7409	5754.4671
		5785	19.406	5775.3570	5794.7630
		5825	19.166	5815.2570	5834.4231
11N40SISO	Ant6	5190	36.668	5775.3570	5794.7630
		5230	36.556	5815.2570	5834.4231
		5270	36.652	5251.5538	5288.2062
		5310	37.02	5291.3539	5328.3742
		5510	37.14	5491.2259	5528.3662
		5550	36.764	5531.6658	5568.4302
		5670	37.3	5651.2099	5688.5101
		5710	37.94	5691.2899	5729.2301
		5755	36.676	5736.7618	5773.4382
		5795	37.148	5776.4419	5813.5901
11AC80SISO	Ant6	5210	75.944	5171.9558	5247.9002
		5290	75.64	5252.2118	5327.8522
		5530	75.768	5492.2438	5568.0122
		5610	75.432	5572.4198	5647.8522
		5690	75.896	5652.0038	5727.9002
		5775	75.576	5737.0038	5812.5802

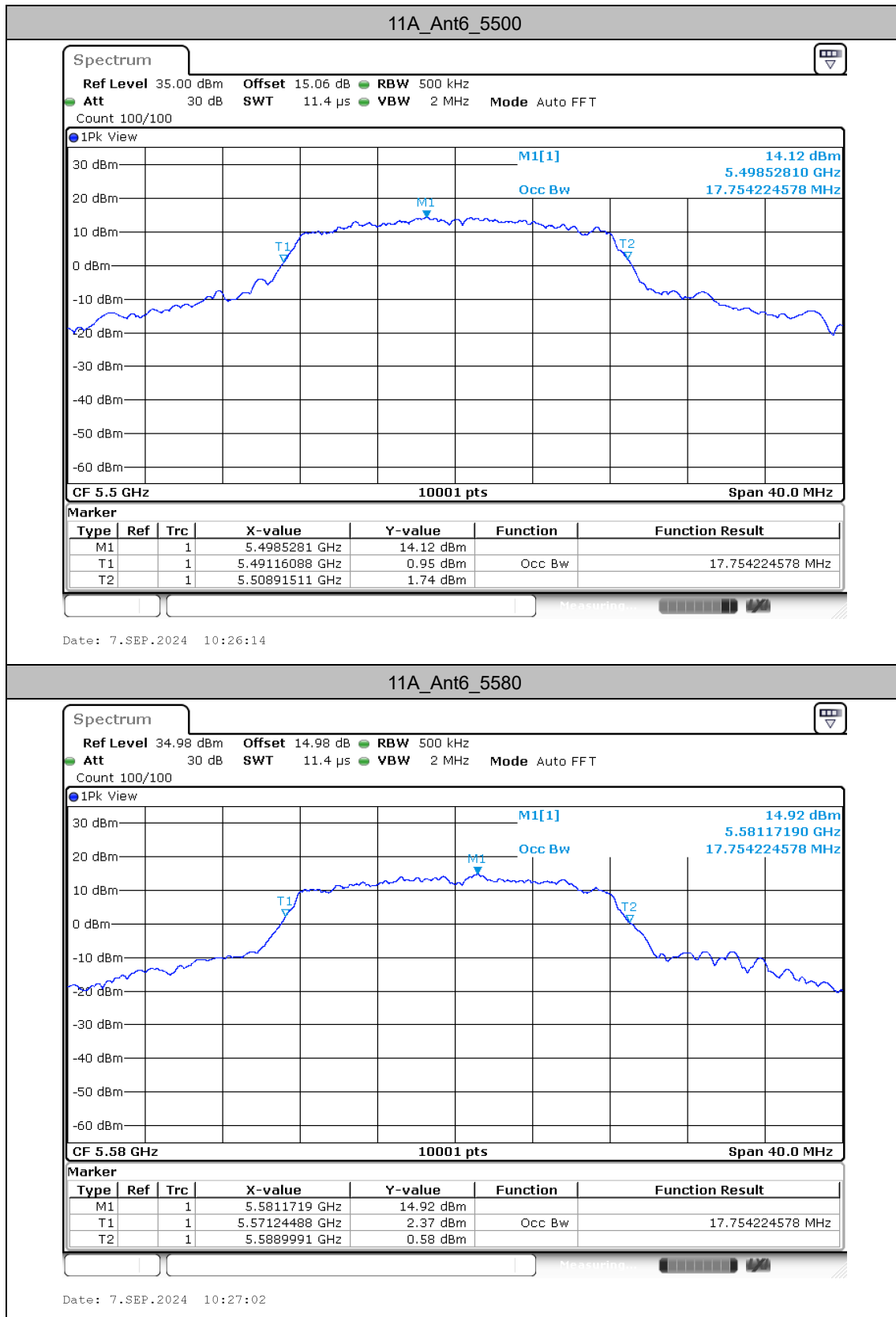


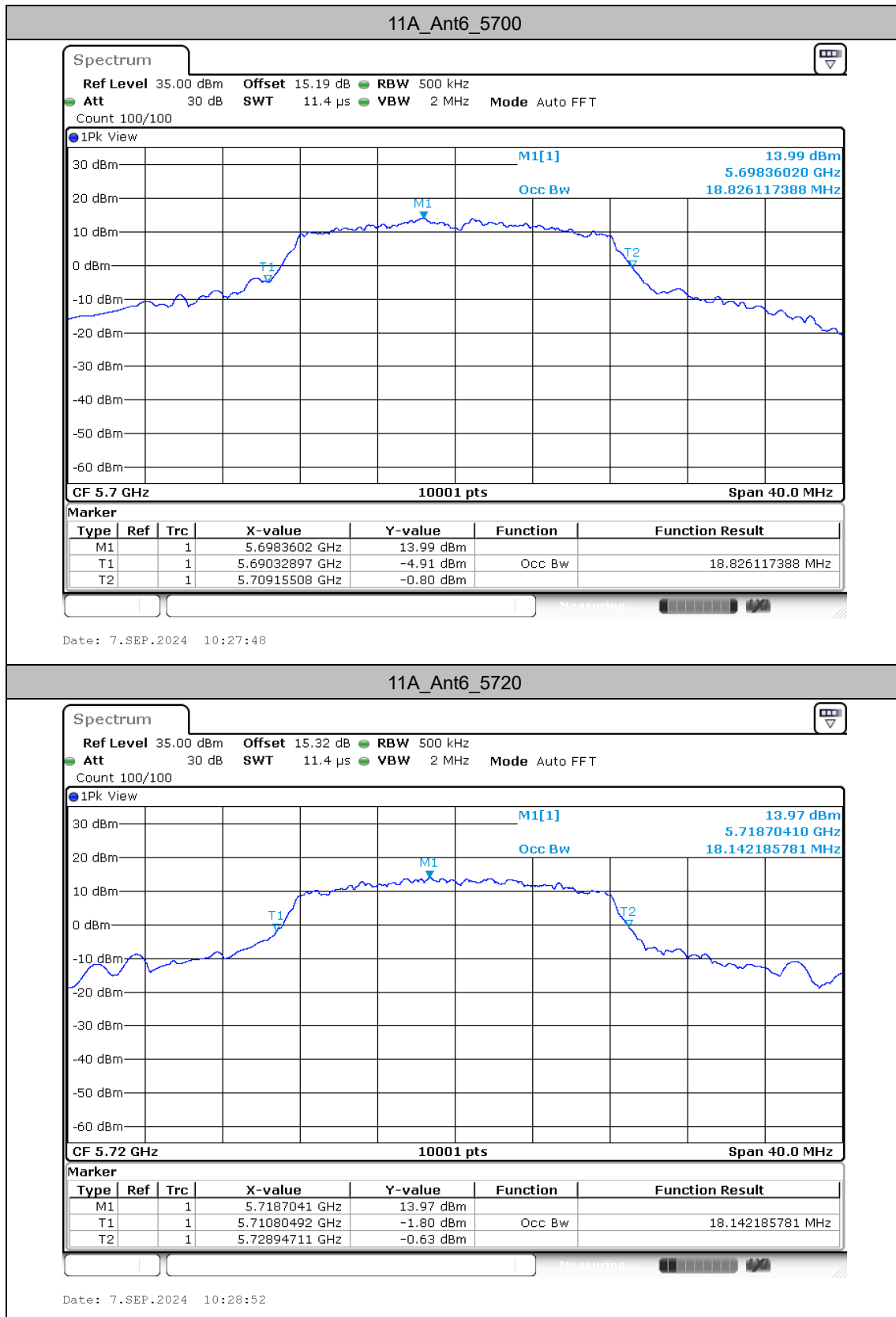
Test Graphs

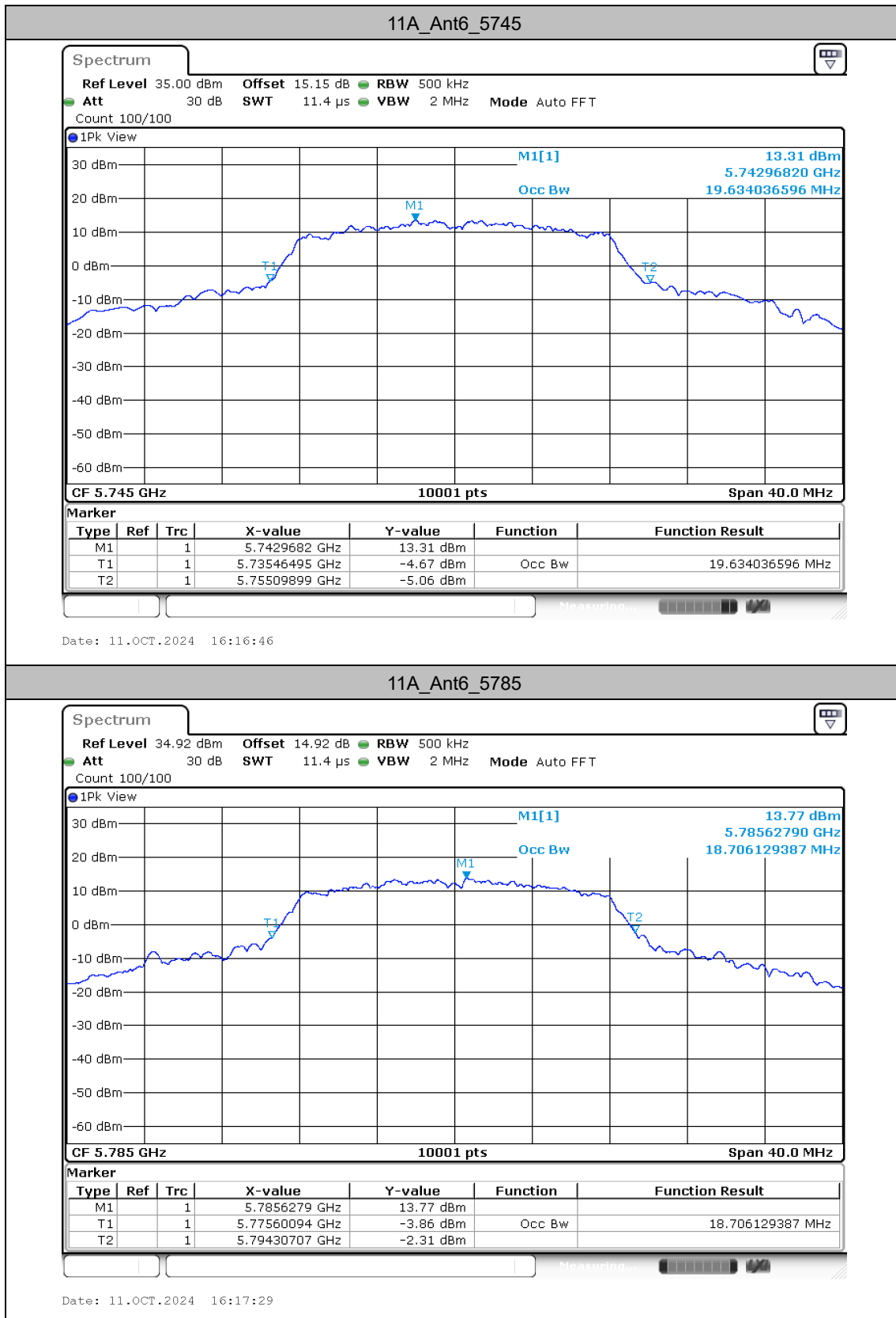


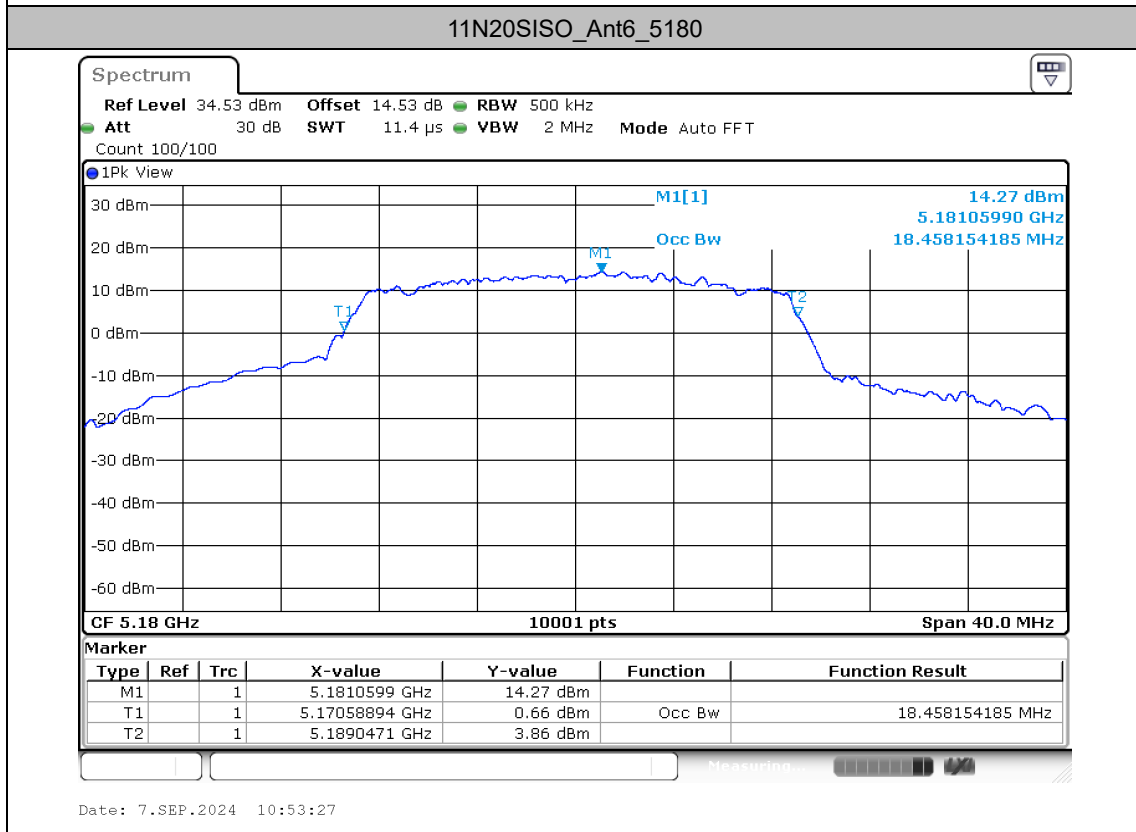
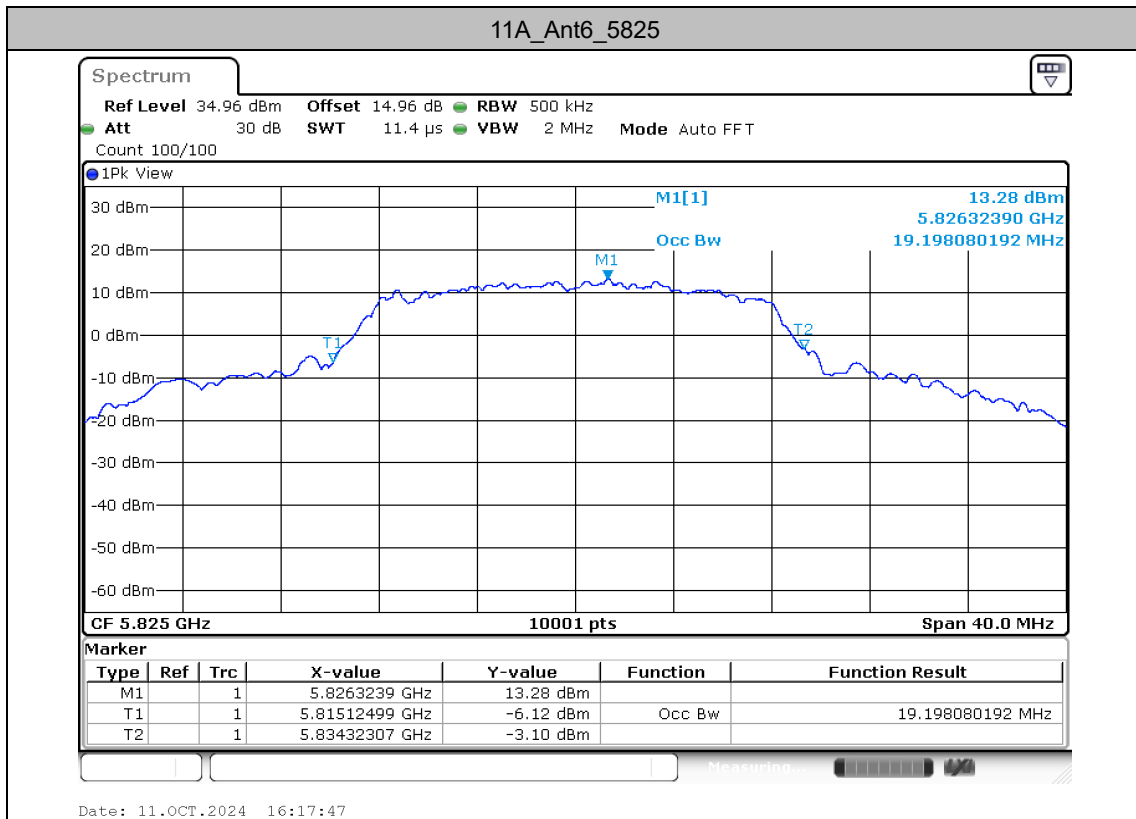


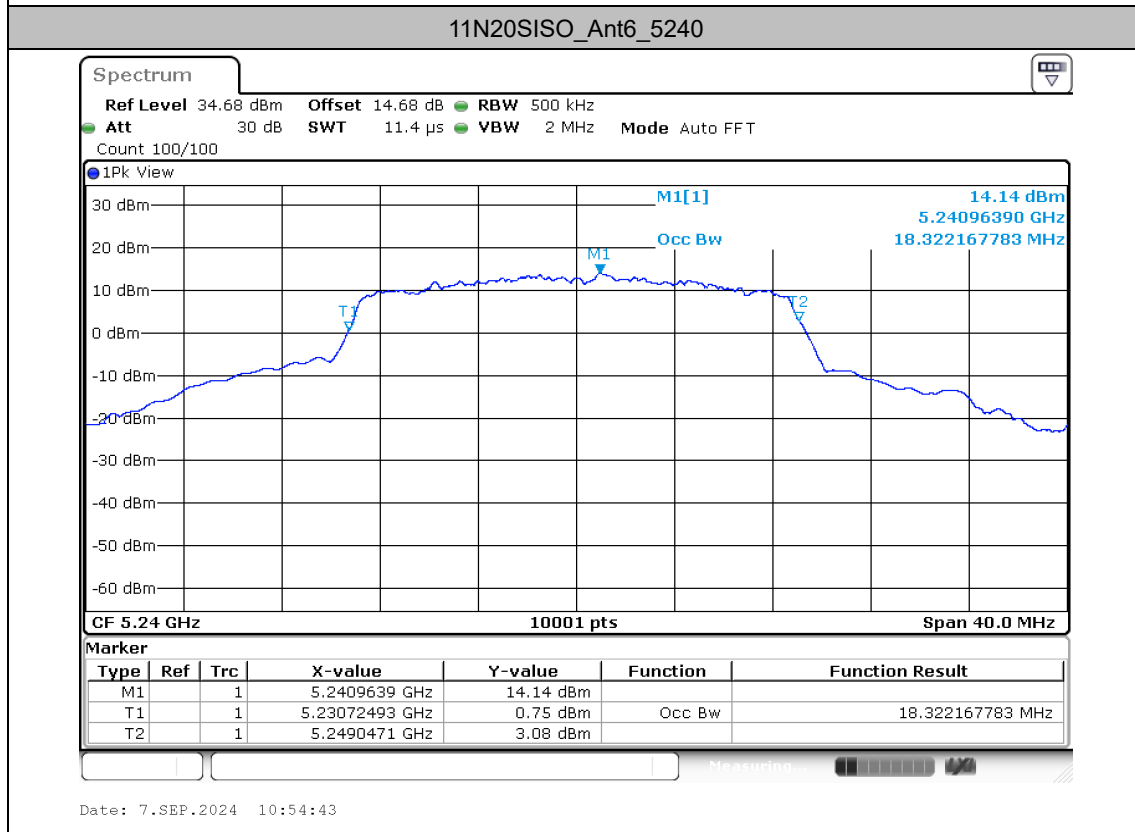
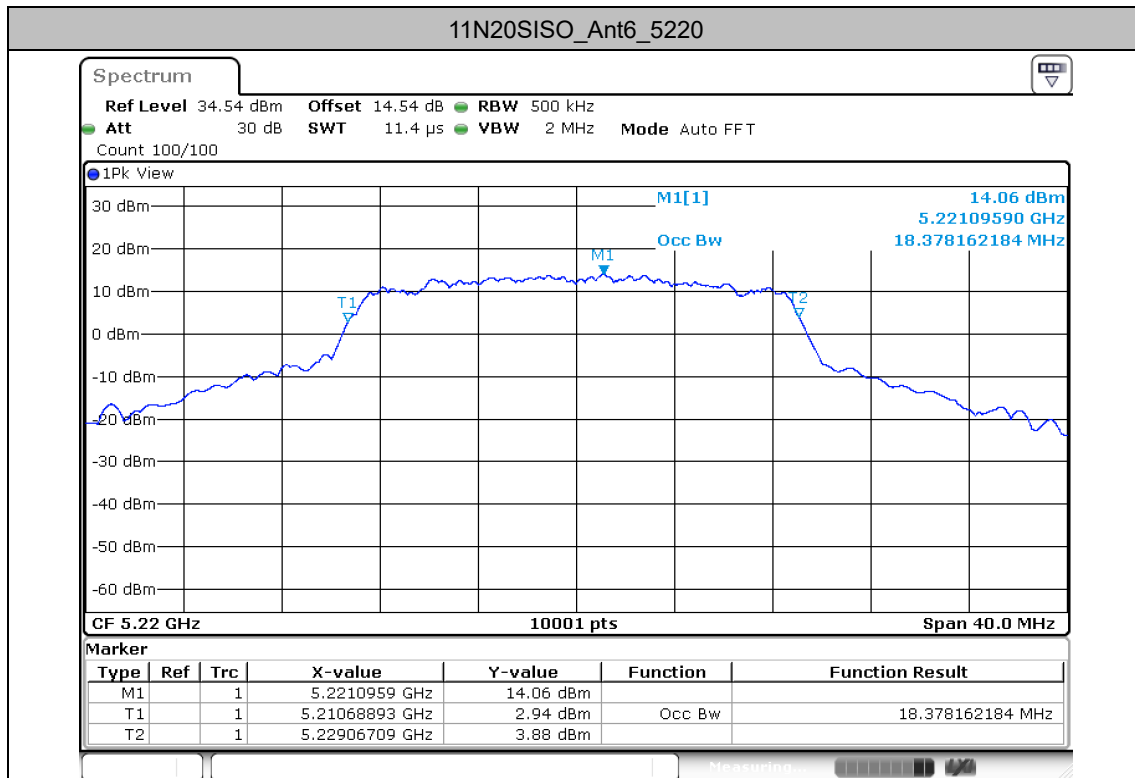


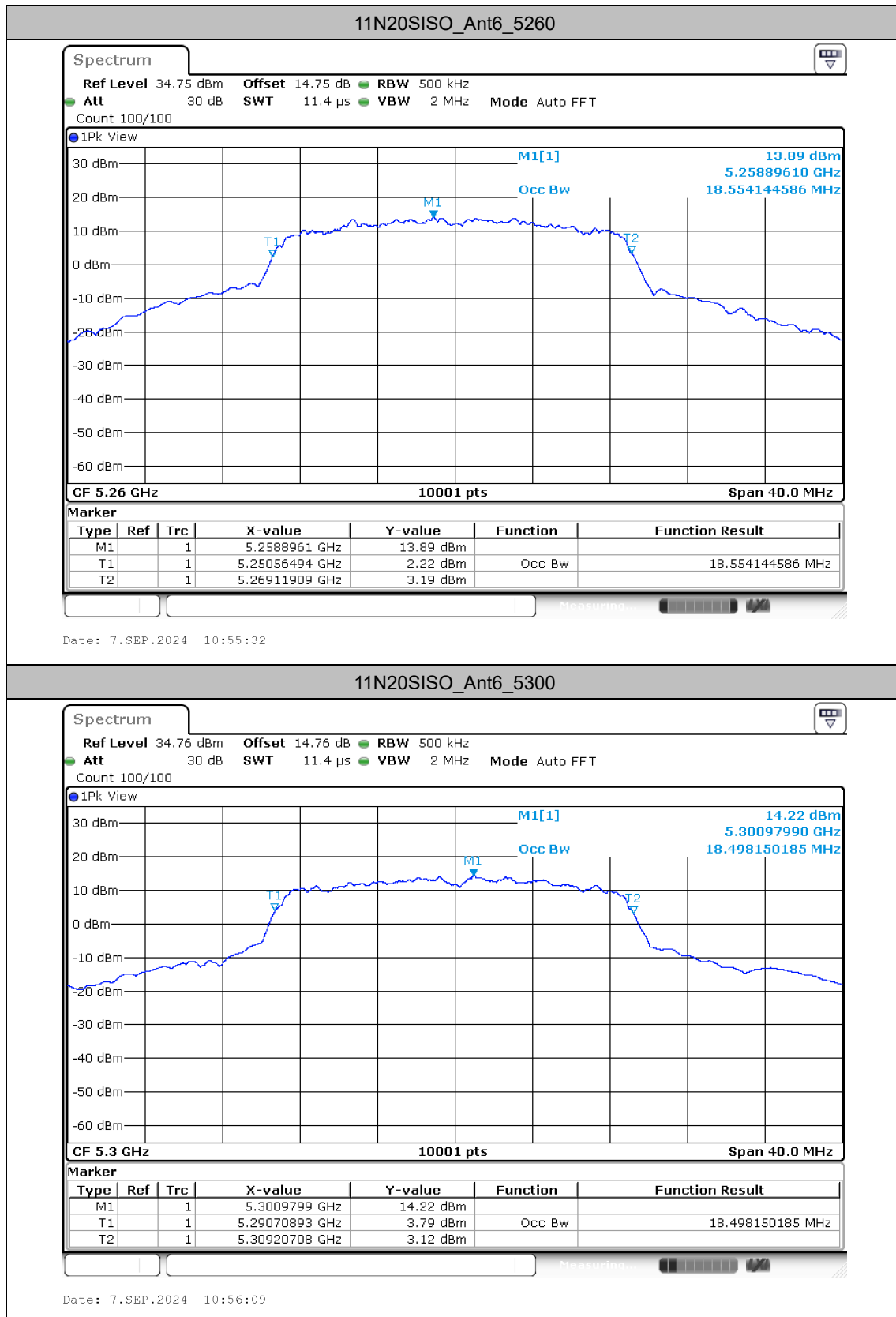


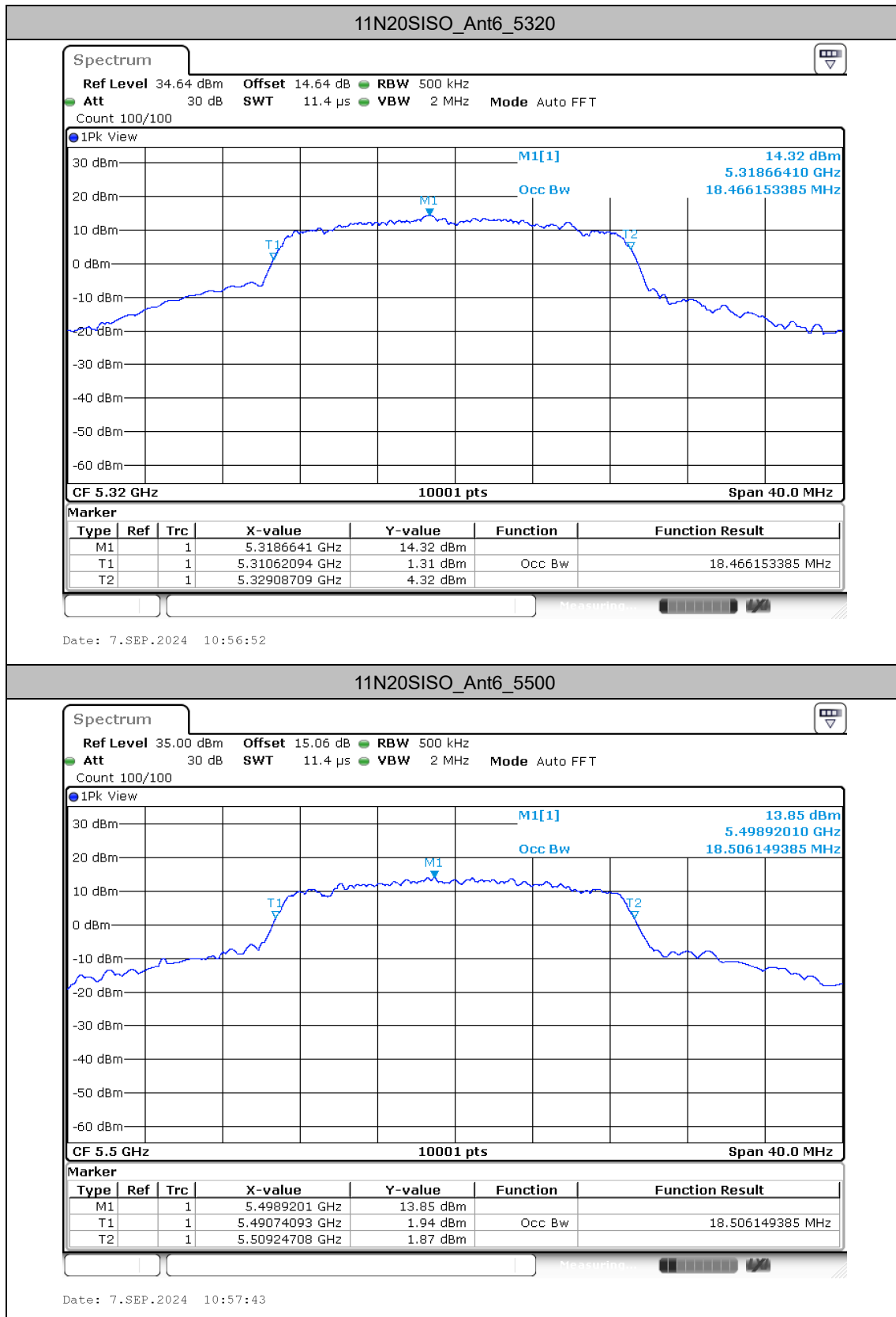


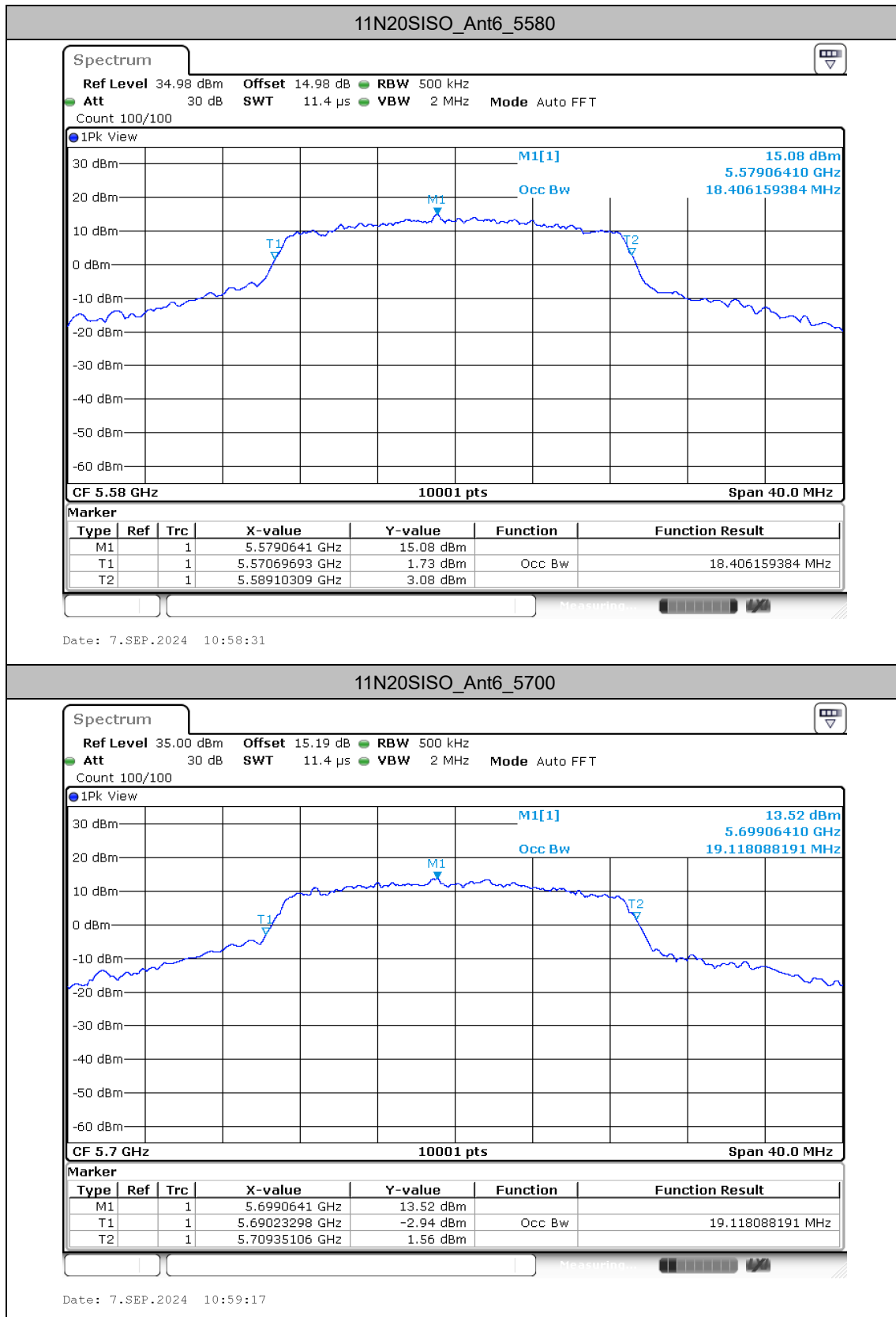


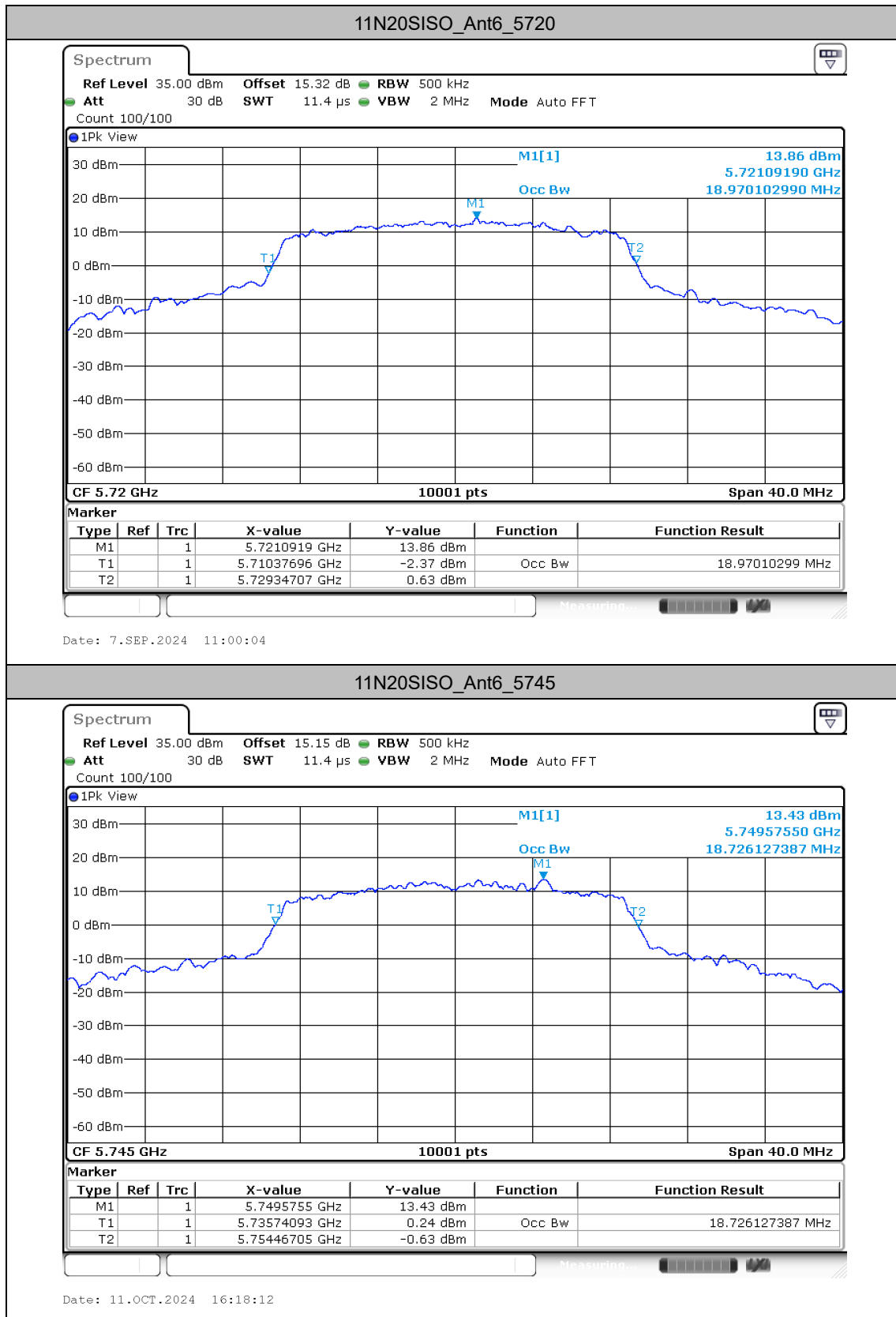


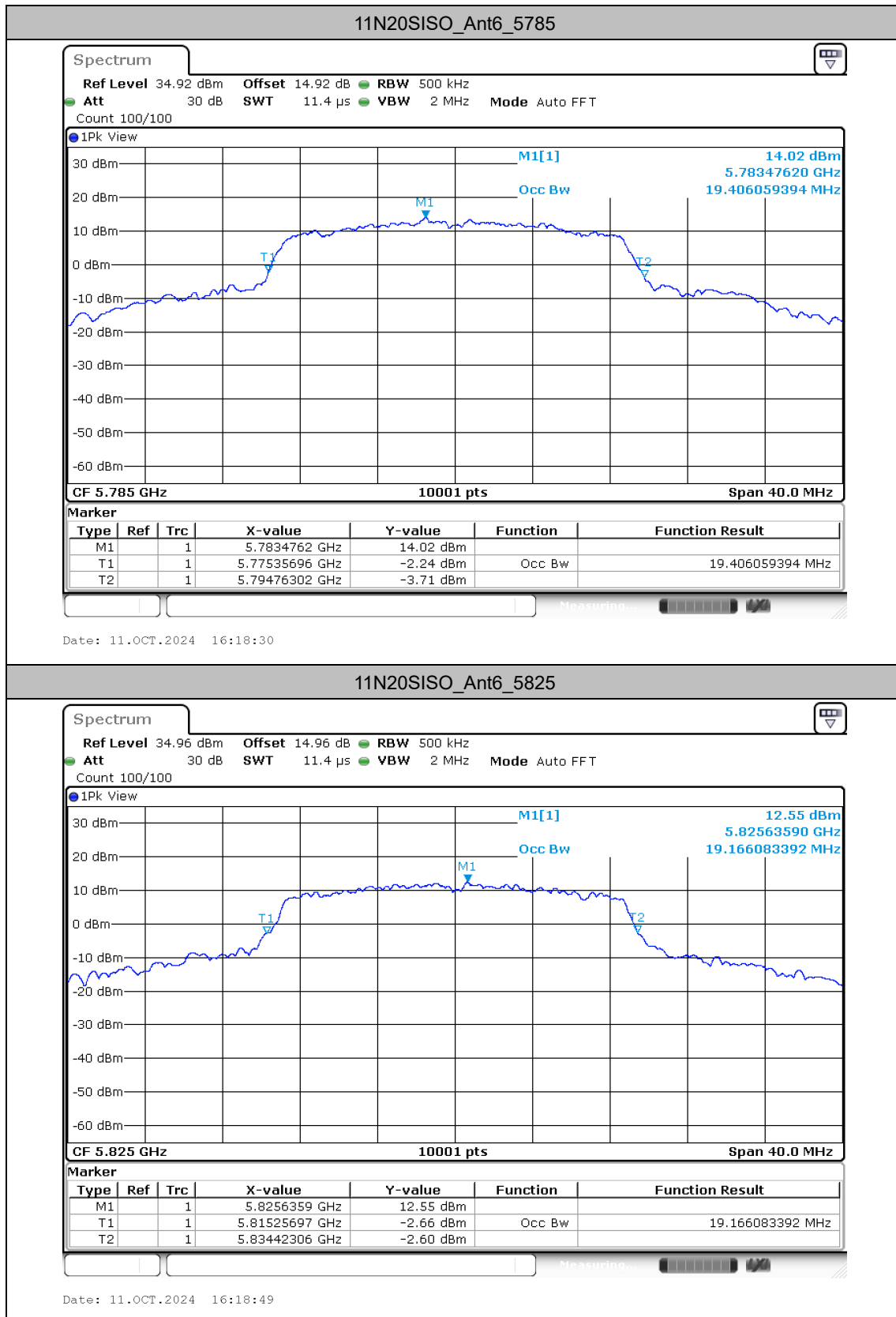


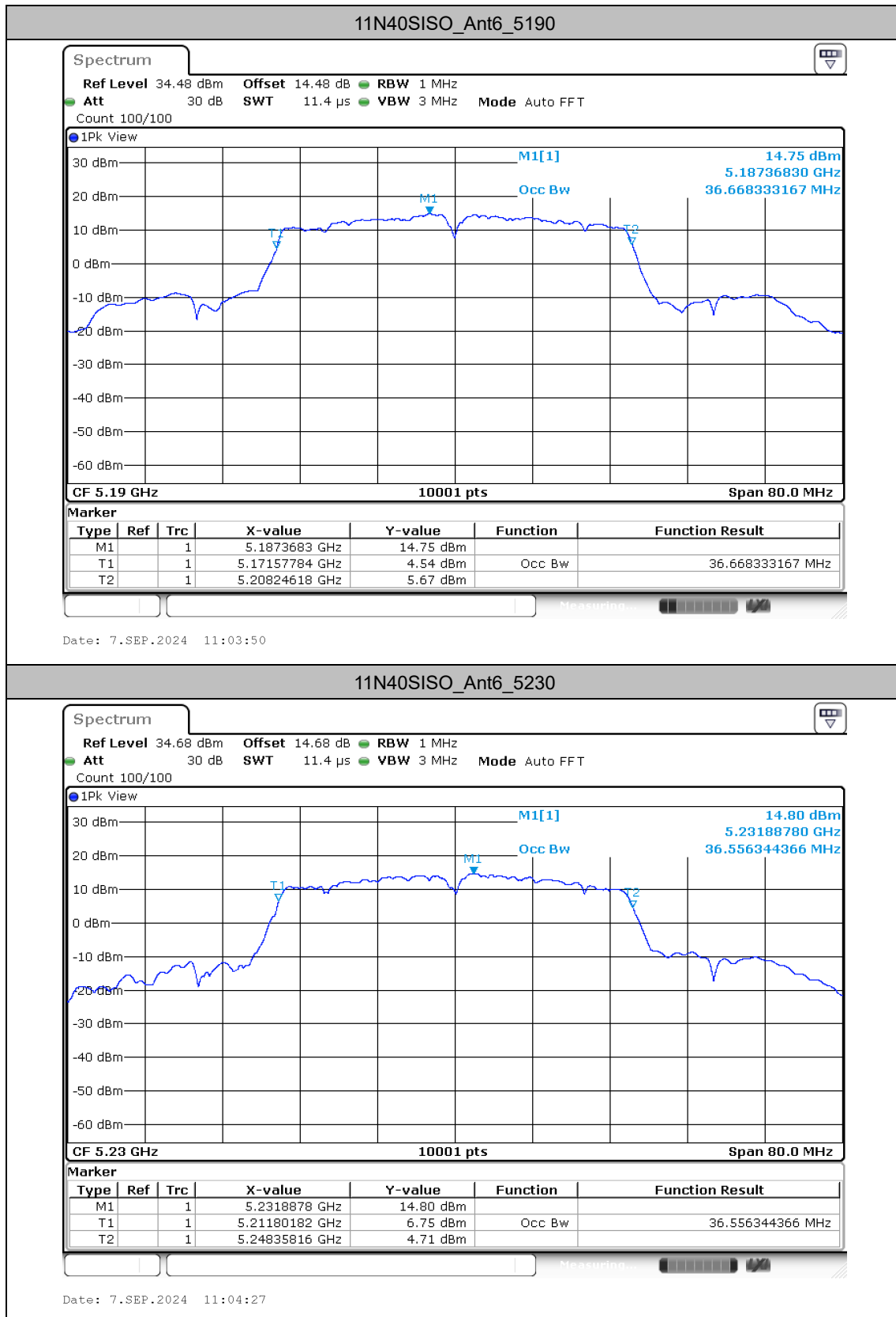


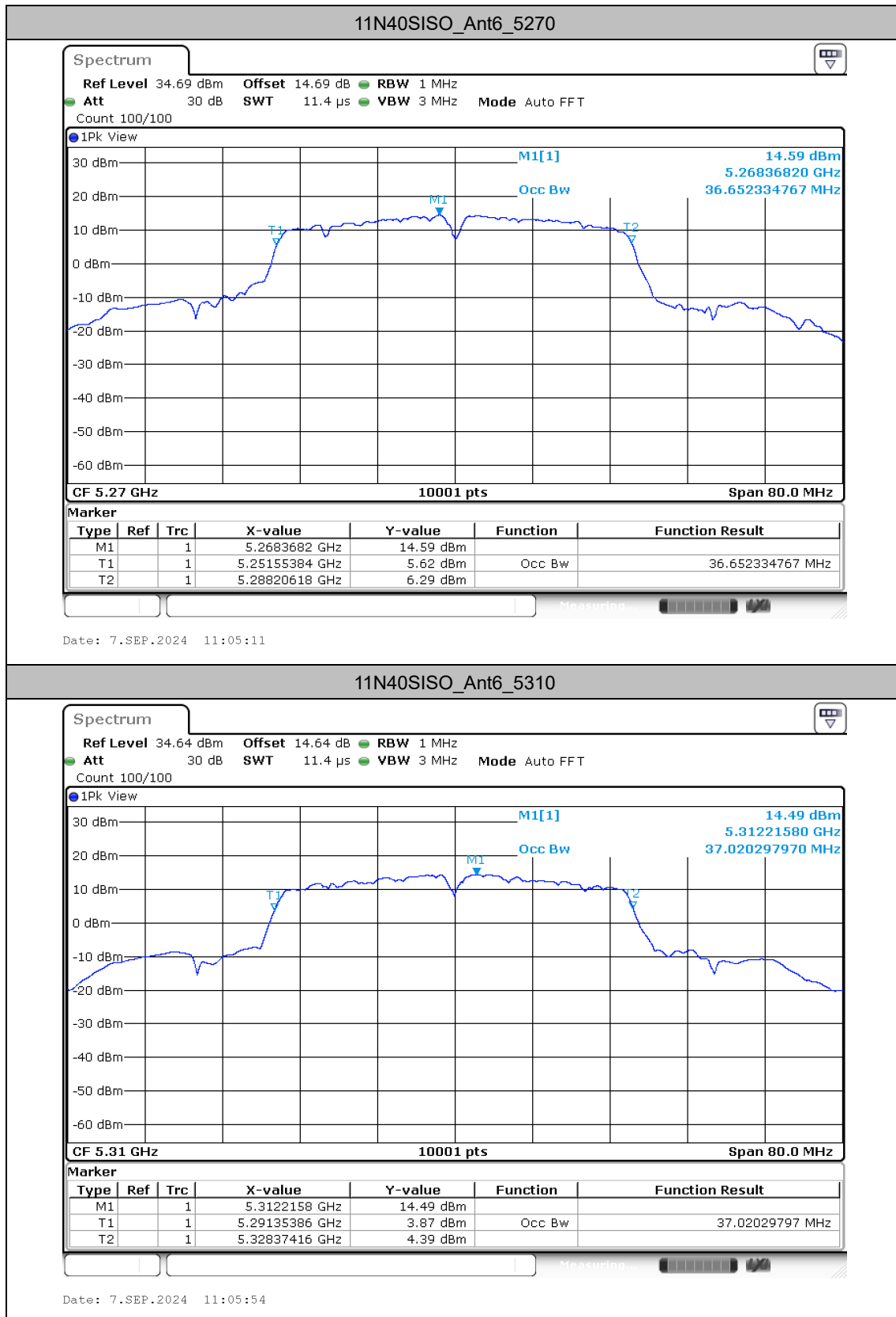


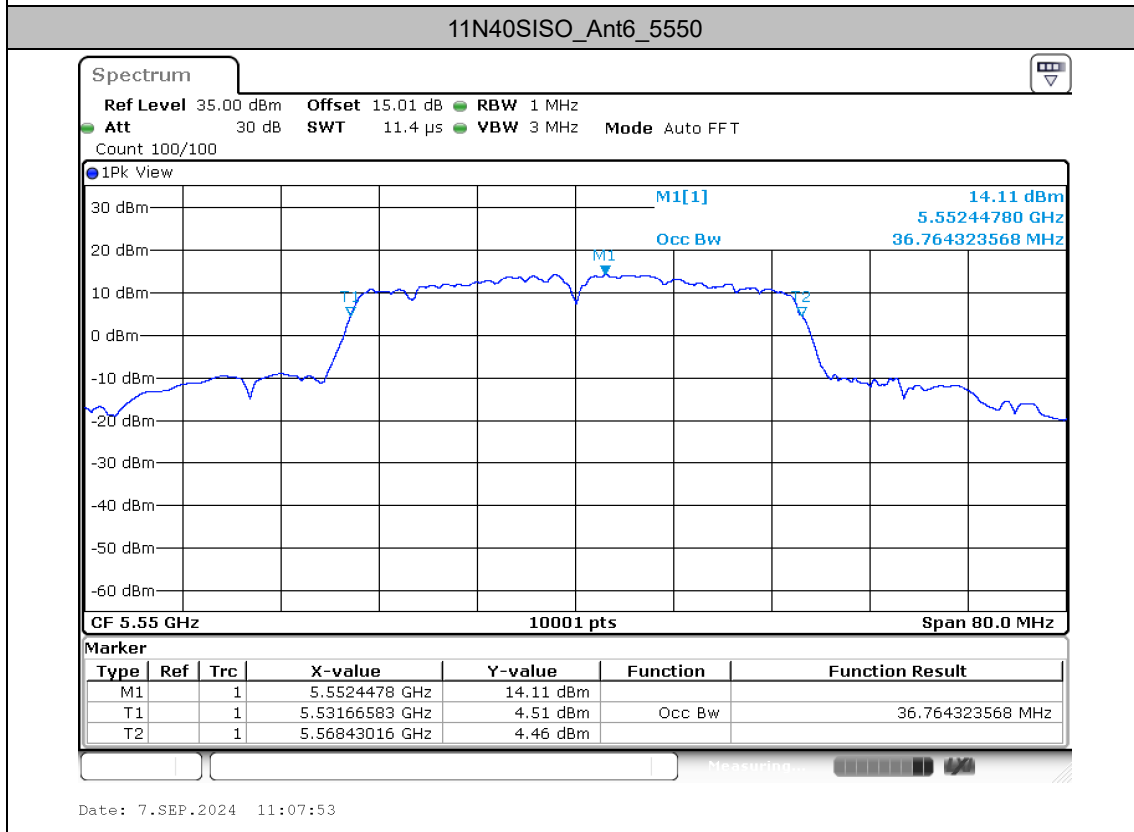
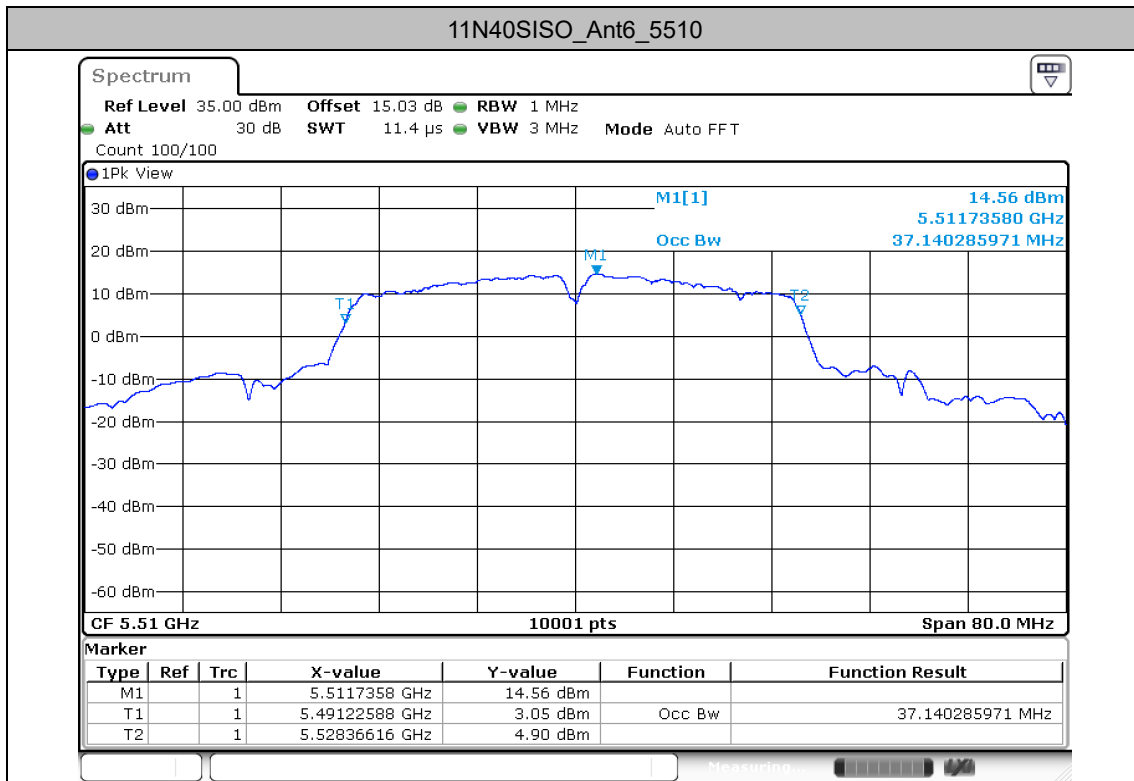


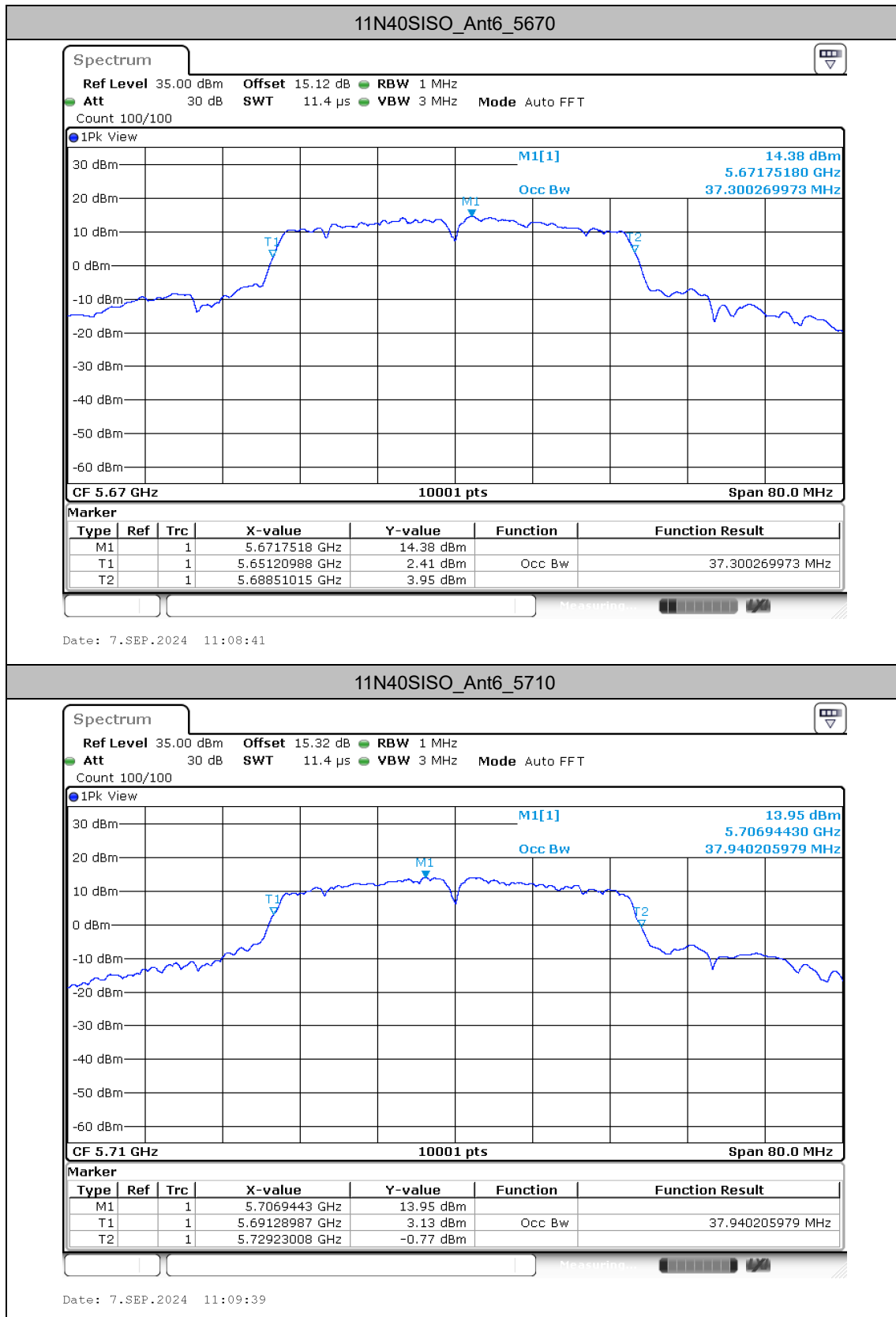


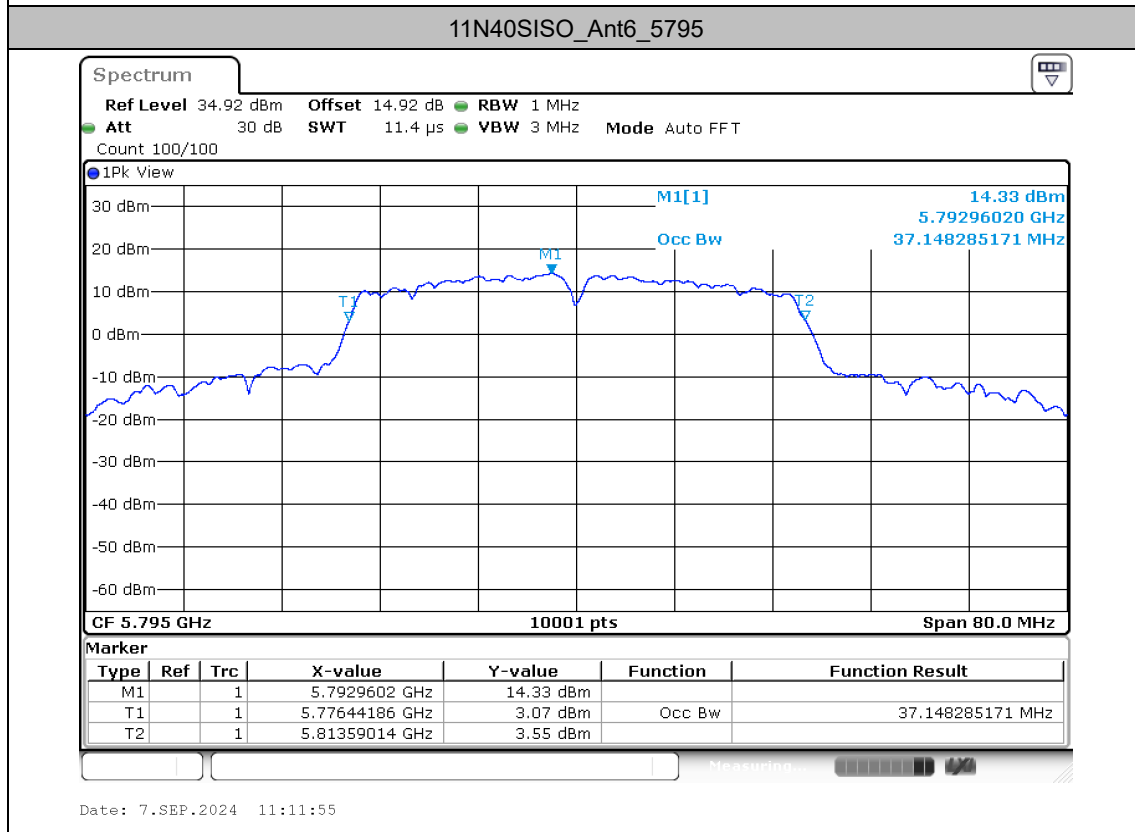
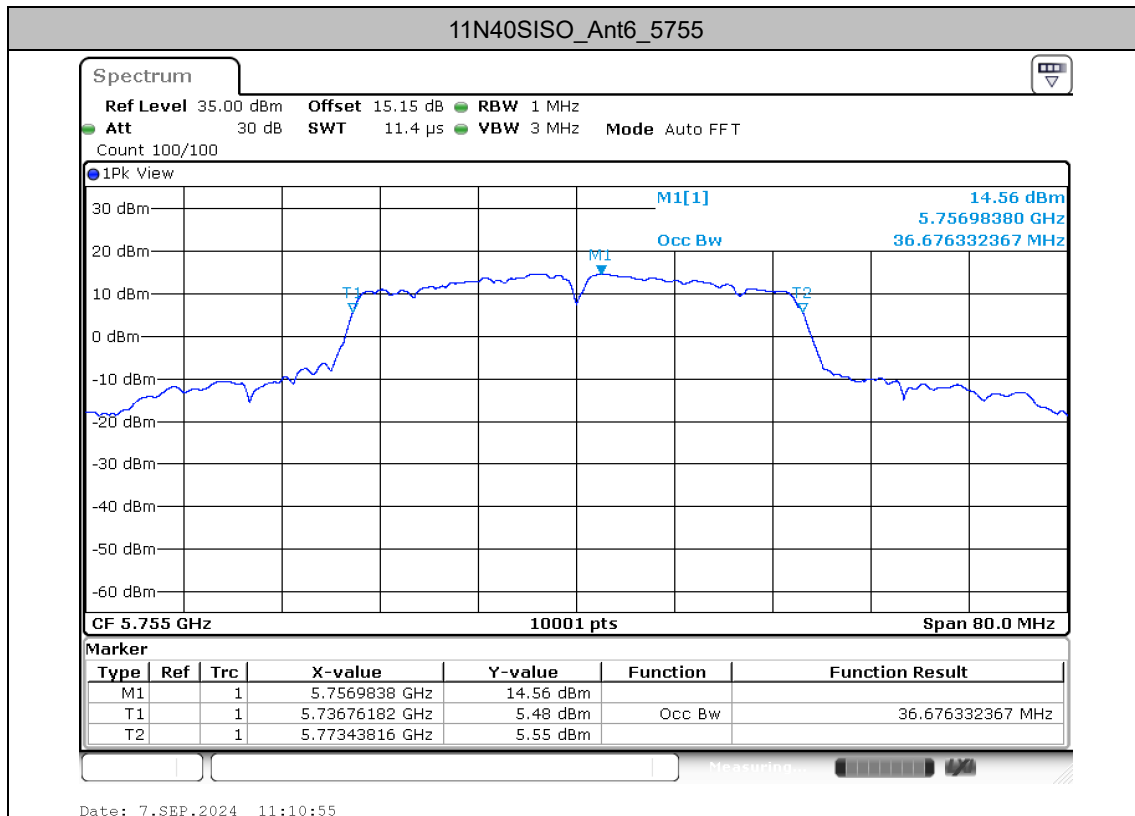


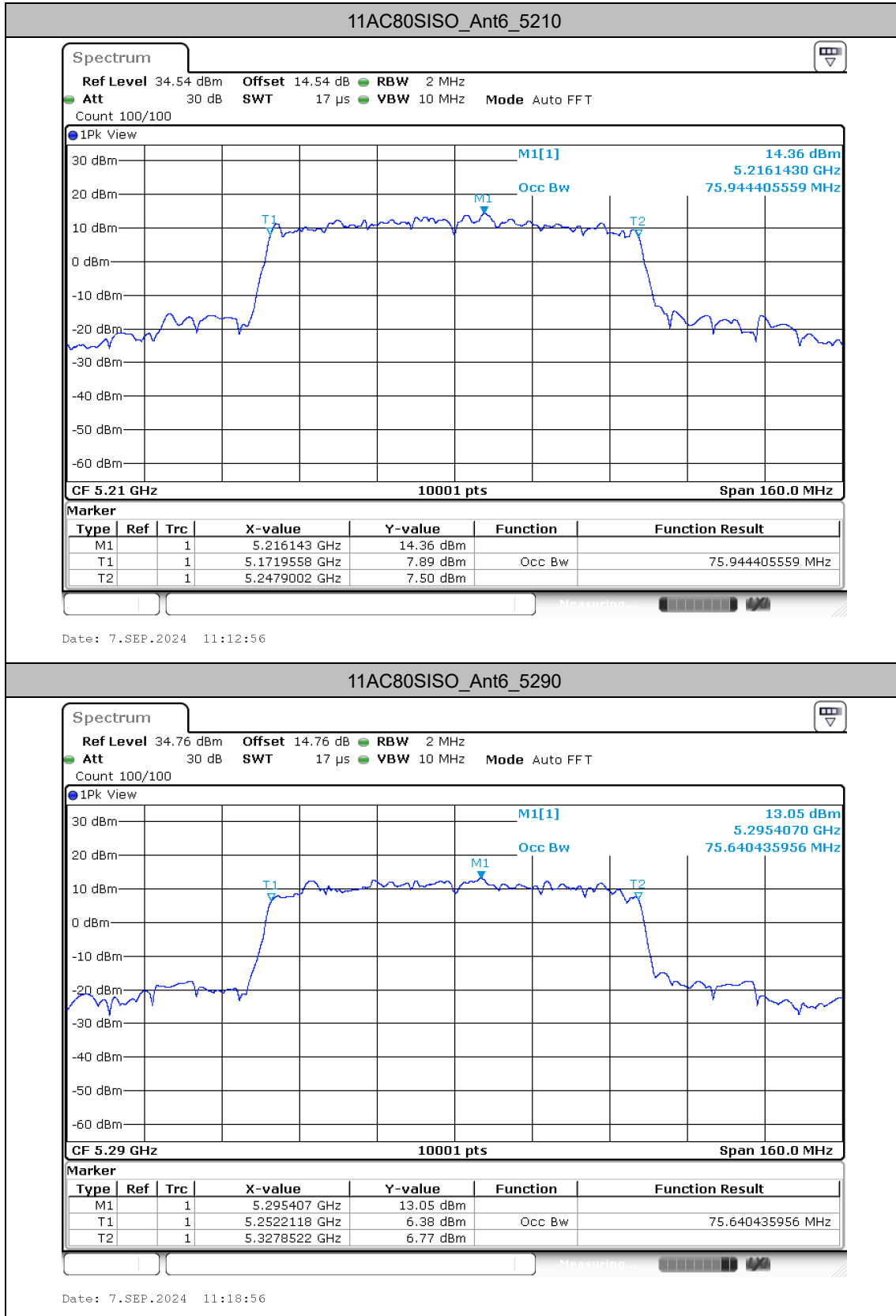


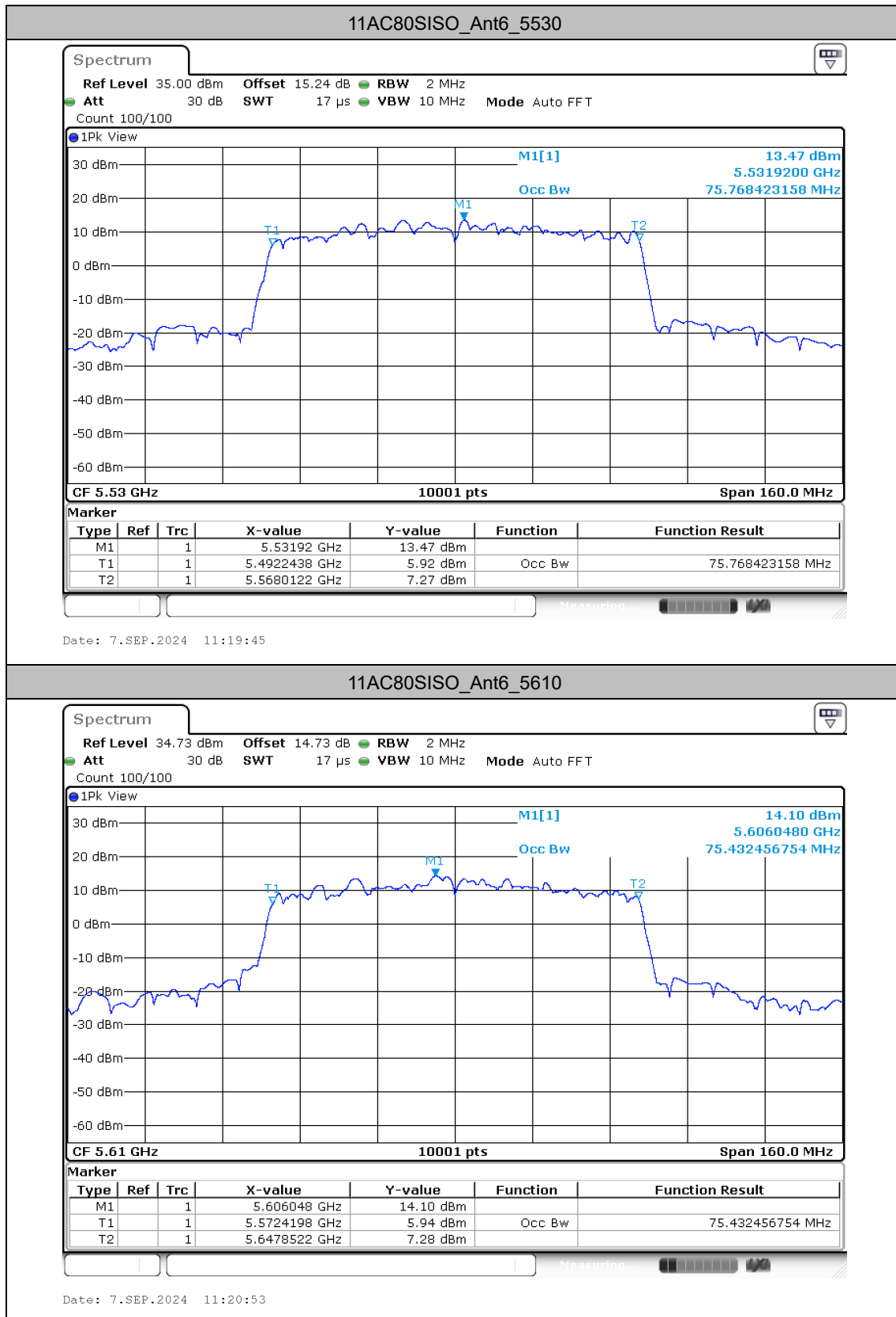


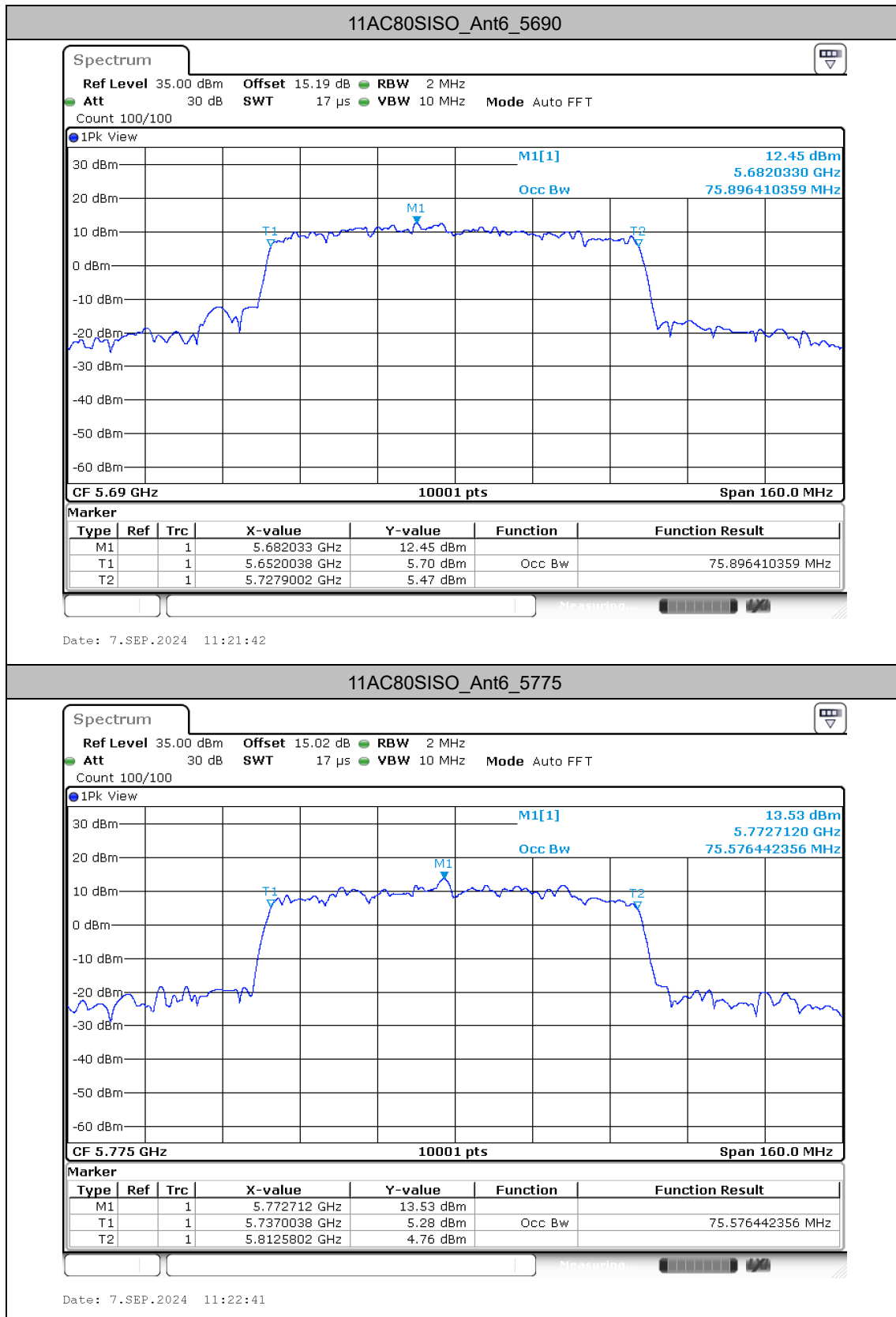














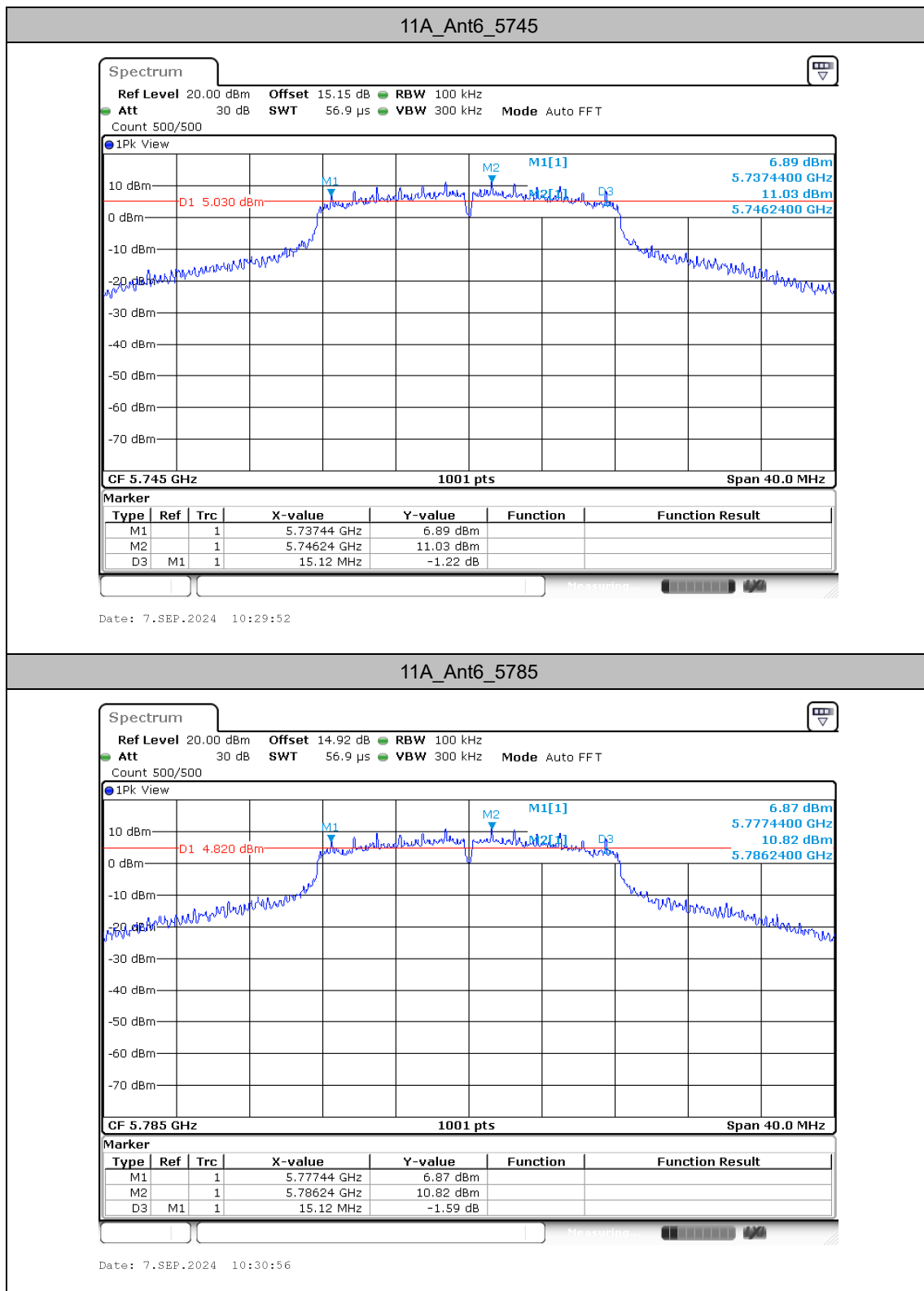
6dB emission bandwidth

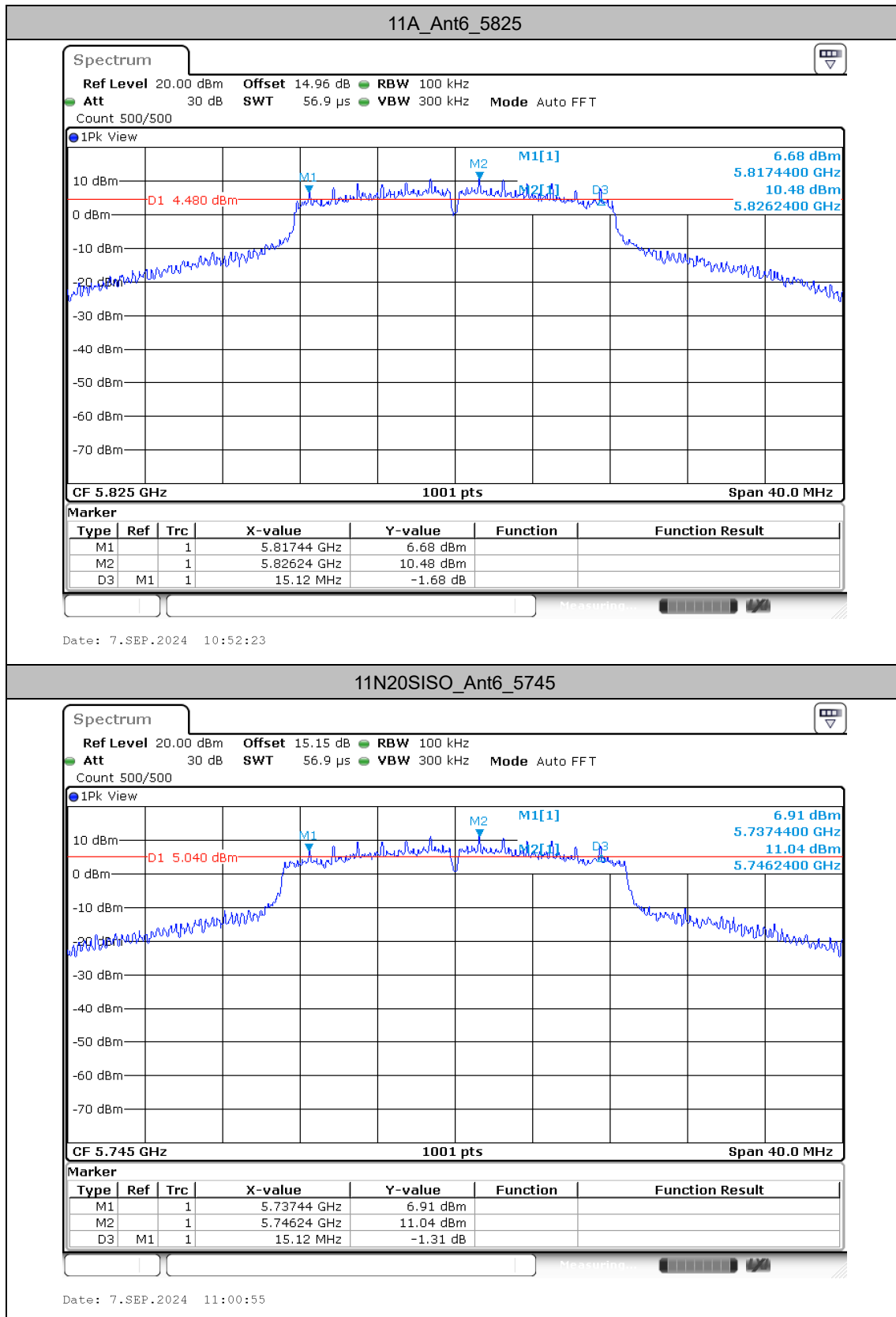
Test Result

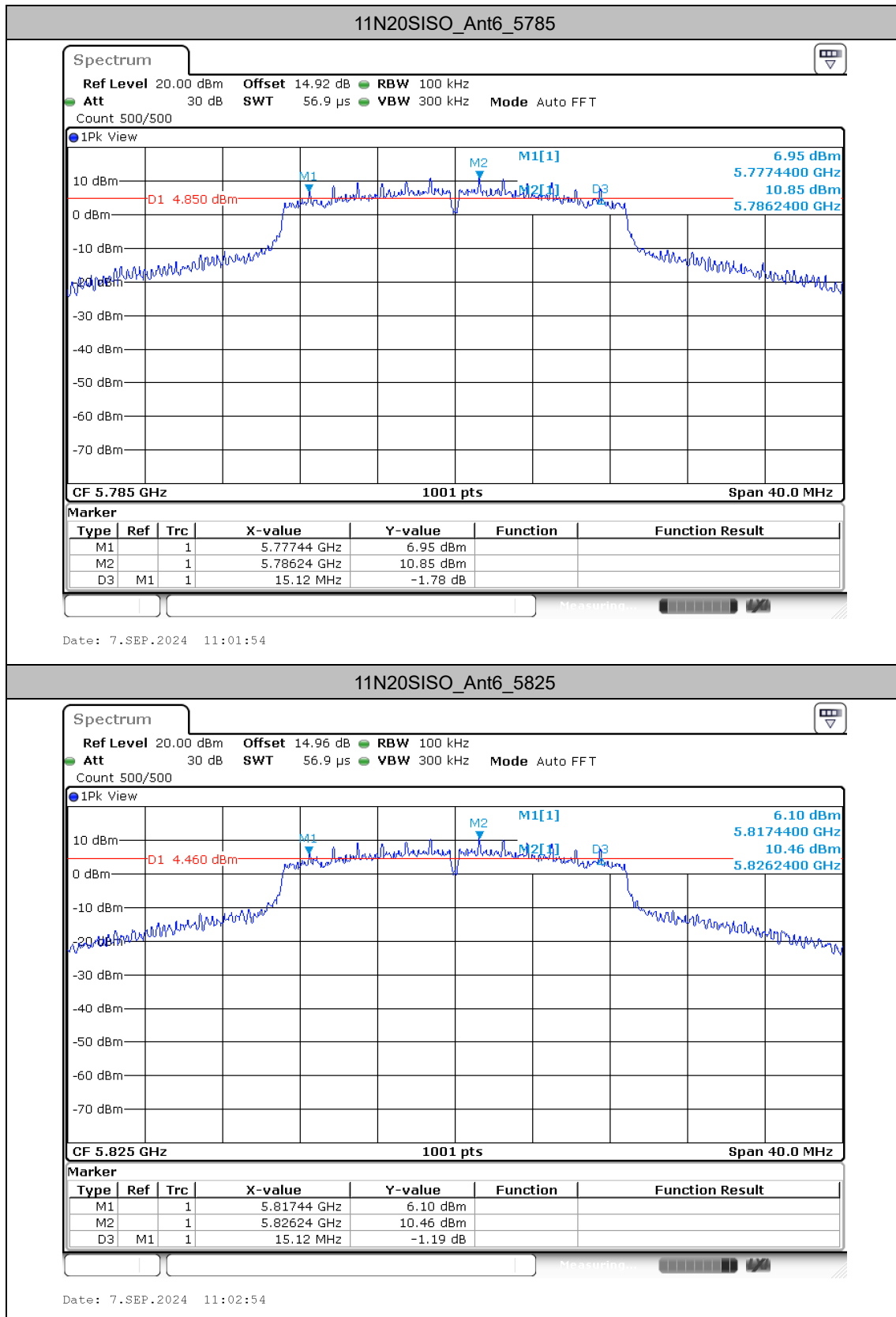
TestMode	Antenna	Freq(MHz)	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant6	5745	15.12	5737.44	5752.56	0.5	PASS
		5785	15.12	5777.44	5792.56	0.5	PASS
		5825	15.12	5817.44	5832.56	0.5	PASS
11N20SISO	Ant6	5745	15.12	5737.44	5752.56	0.5	PASS
		5785	15.12	5777.44	5792.56	0.5	PASS
		5825	15.12	5817.44	5832.56	0.5	PASS
11N40SISO	Ant6	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant6	5610	75.84	5572.40	5648.24	0.5	PASS
		5775	76.32	5736.76	5813.08	0.5	PASS

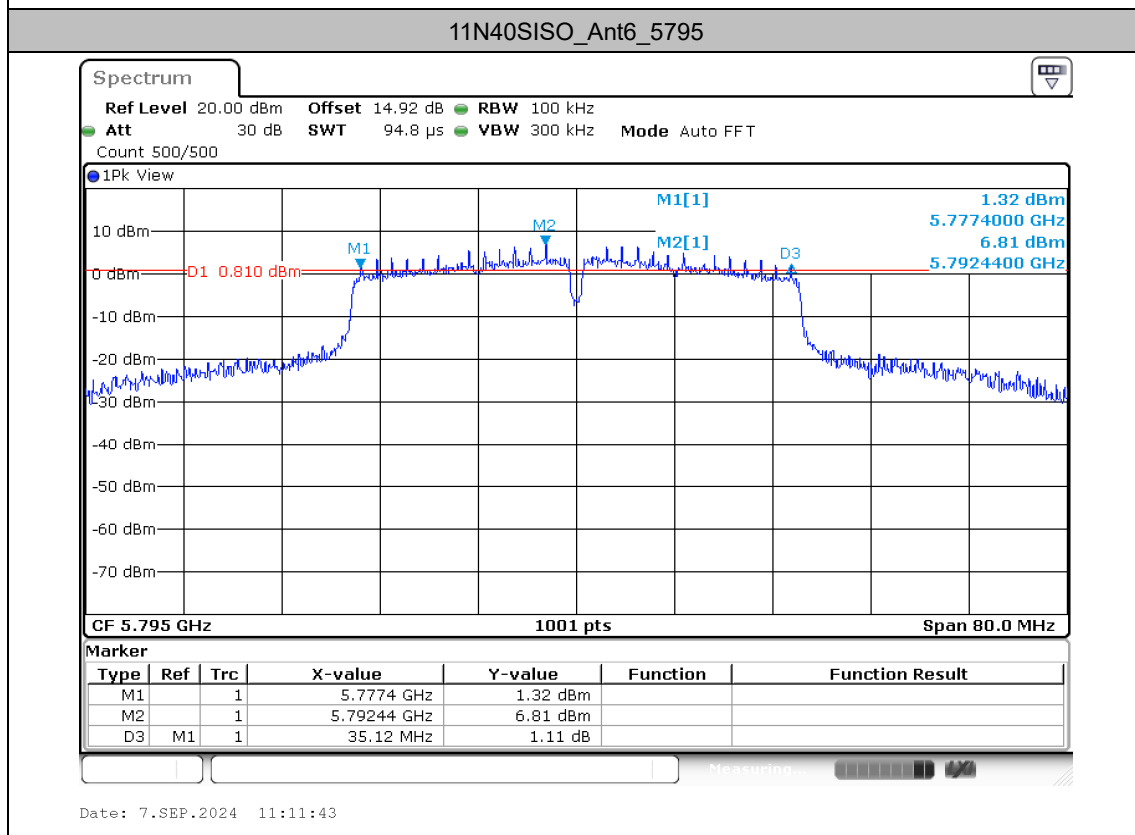
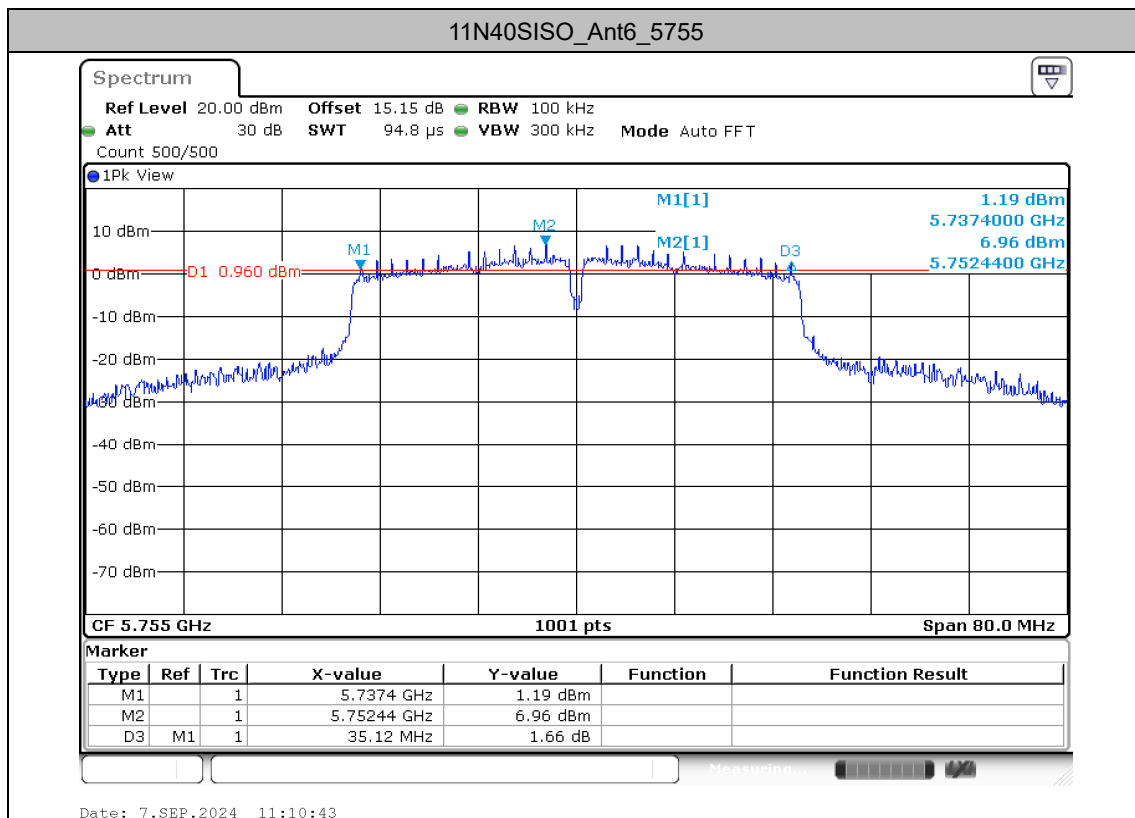


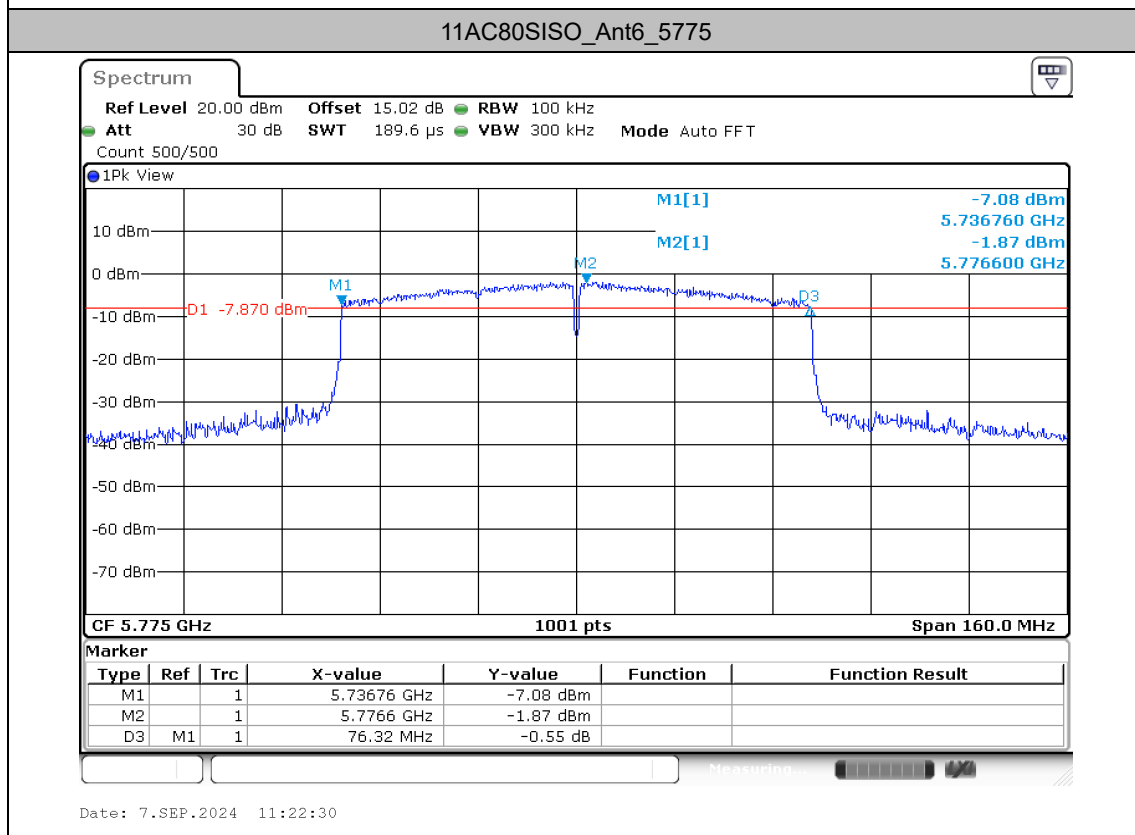
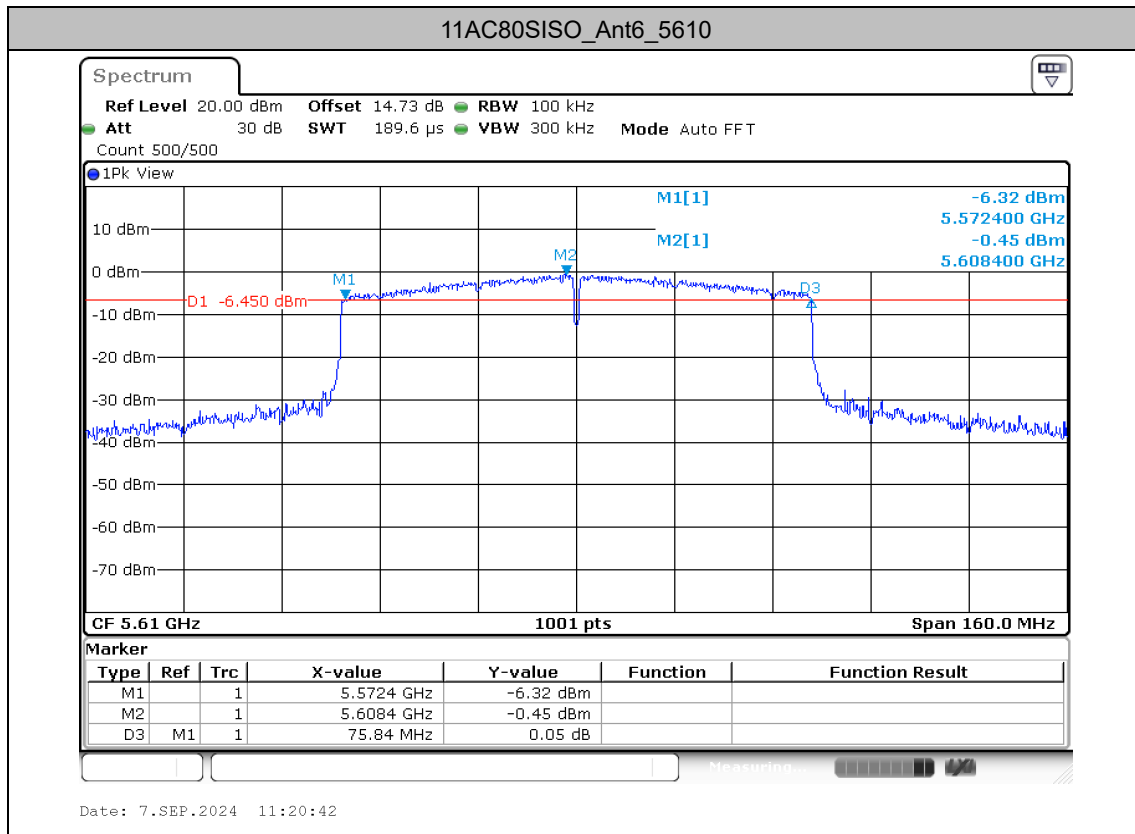
Test Graphs













Maximum power spectral density

Test Result

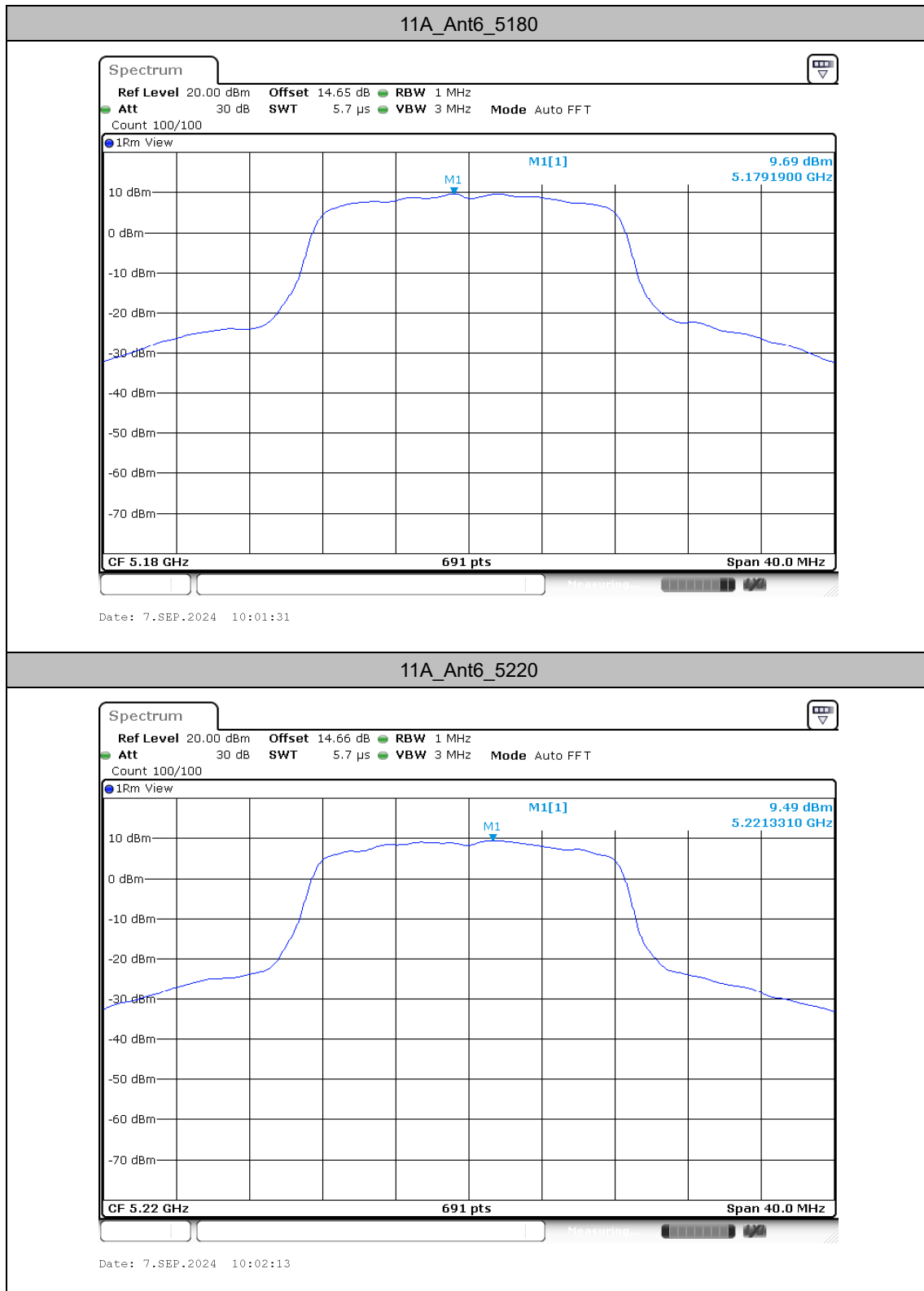
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant6	5180	9.69	≤11.00	PASS
		5220	9.49	≤11.00	PASS
		5240	9.62	≤11.00	PASS
		5260	9.85	≤11.00	PASS
		5300	9.82	≤11.00	PASS
		5320	9.65	≤11.00	PASS
		5500	9.77	≤11.00	PASS
		5580	9.92	≤11.00	PASS
		5700	9.50	≤11.00	PASS
		5720	9.76	≤11.00	PASS
		5745	8.38	≤30.00	PASS
		5785	7.81	≤30.00	PASS
		5825	7.41	≤30.00	PASS
11N20SISO	Ant6	5180	9.99	≤11.00	PASS
		5220	9.82	≤11.00	PASS
		5240	9.96	≤11.00	PASS
		5260	9.78	≤11.00	PASS
		5300	9.62	≤11.00	PASS
		5320	9.77	≤11.00	PASS
		5500	9.70	≤11.00	PASS
		5580	9.97	≤11.00	PASS
		5700	9.90	≤11.00	PASS
		5720	9.93	≤11.00	PASS
		5745	7.90	≤30.00	PASS
		5785	7.65	≤30.00	PASS
		5825	7.05	≤30.00	PASS
11N40SISO	Ant6	5190	7.20	≤11.00	PASS
		5230	6.47	≤11.00	PASS
		5270	6.62	≤11.00	PASS
		5310	6.68	≤11.00	PASS
		5510	6.49	≤11.00	PASS
		5550	6.21	≤11.00	PASS
		5670	6.55	≤11.00	PASS
		5710	5.72	≤11.00	PASS
		5755	3.98	≤30.00	PASS
		5795	3.27	≤30.00	PASS
11AC80SISO	Ant6	5210	1.75	≤11.00	PASS
		5290	2.28	≤11.00	PASS
		5530	1.51	≤11.00	PASS
		5610	2.56	≤11.00	PASS
		5690	1.40	≤11.00	PASS
		5775	-1.86	≤30.00	PASS

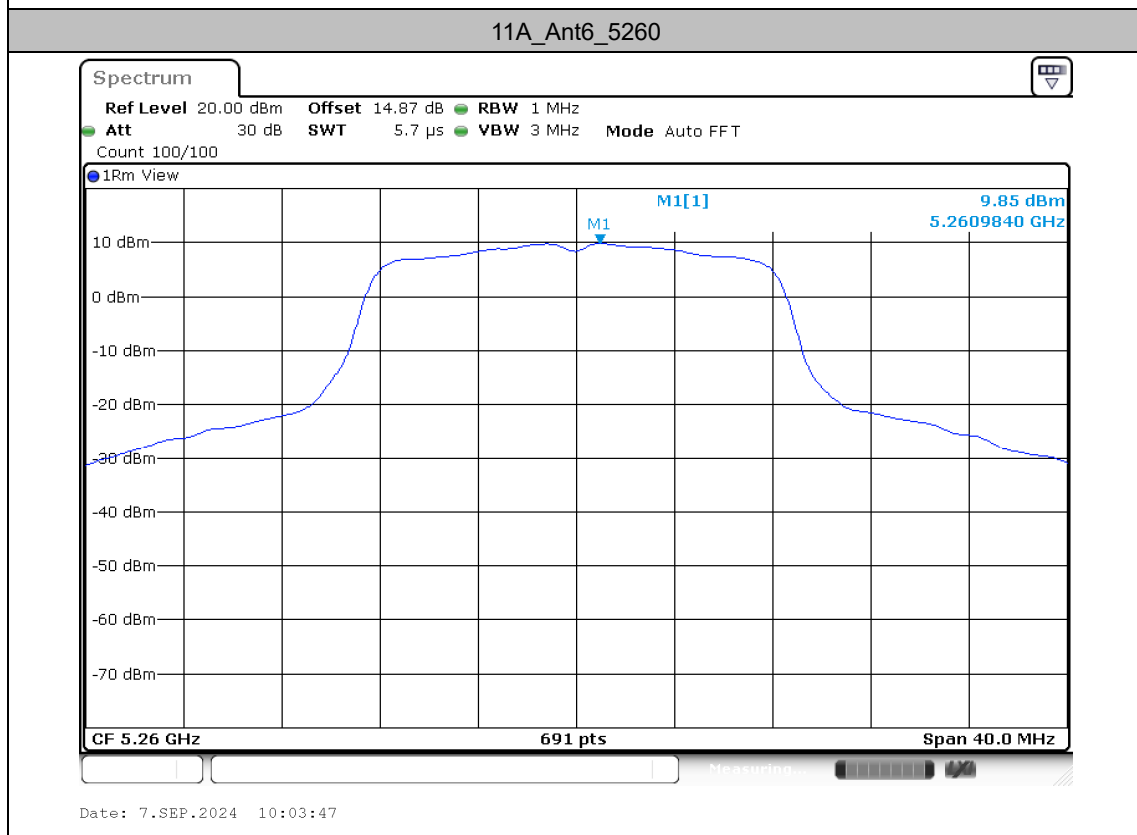
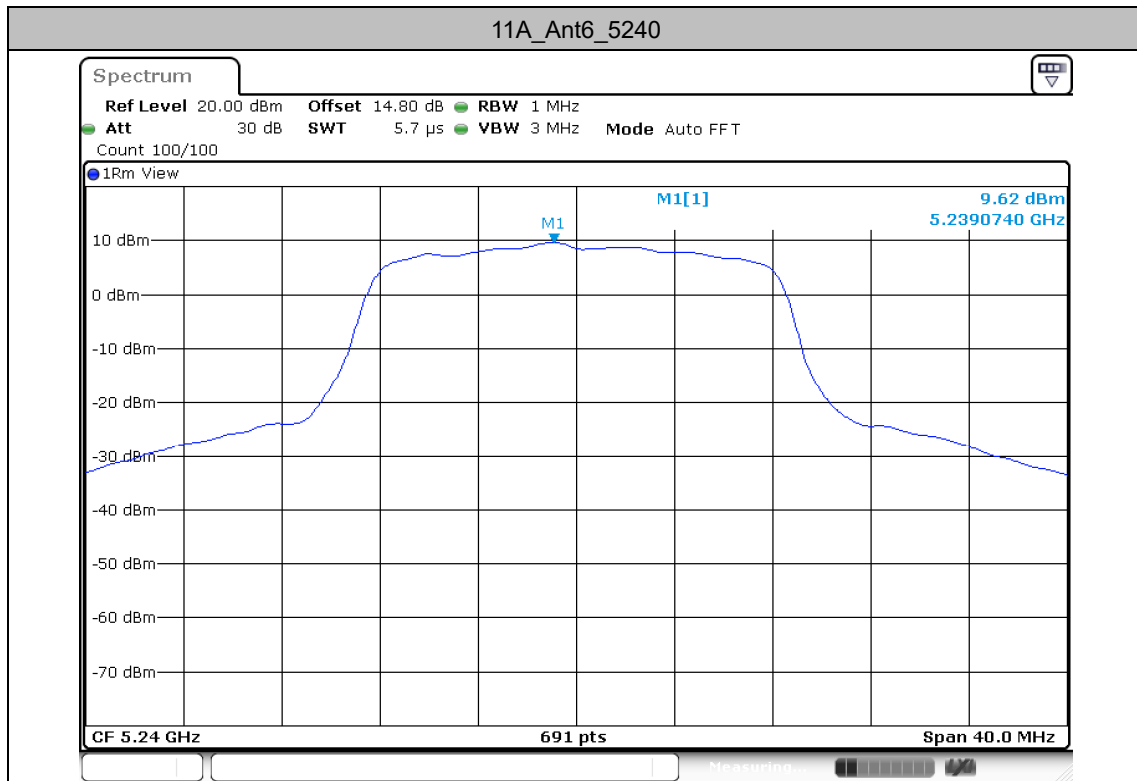
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

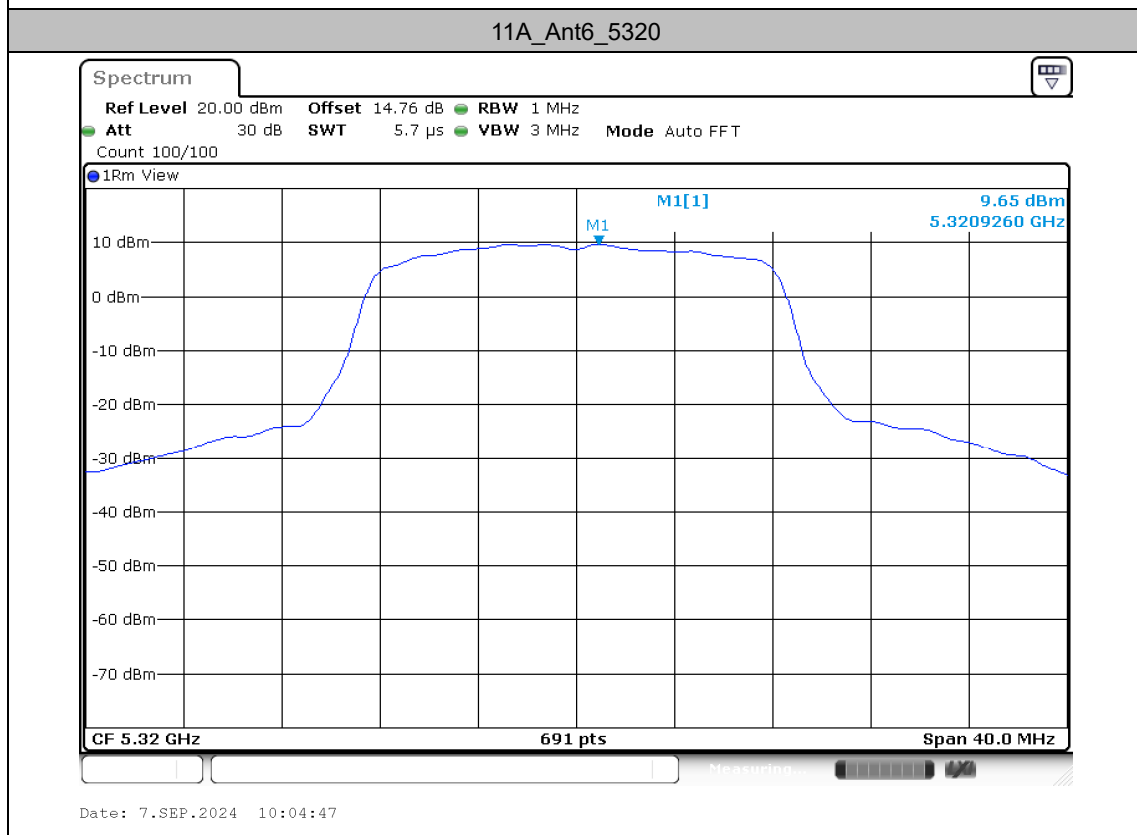
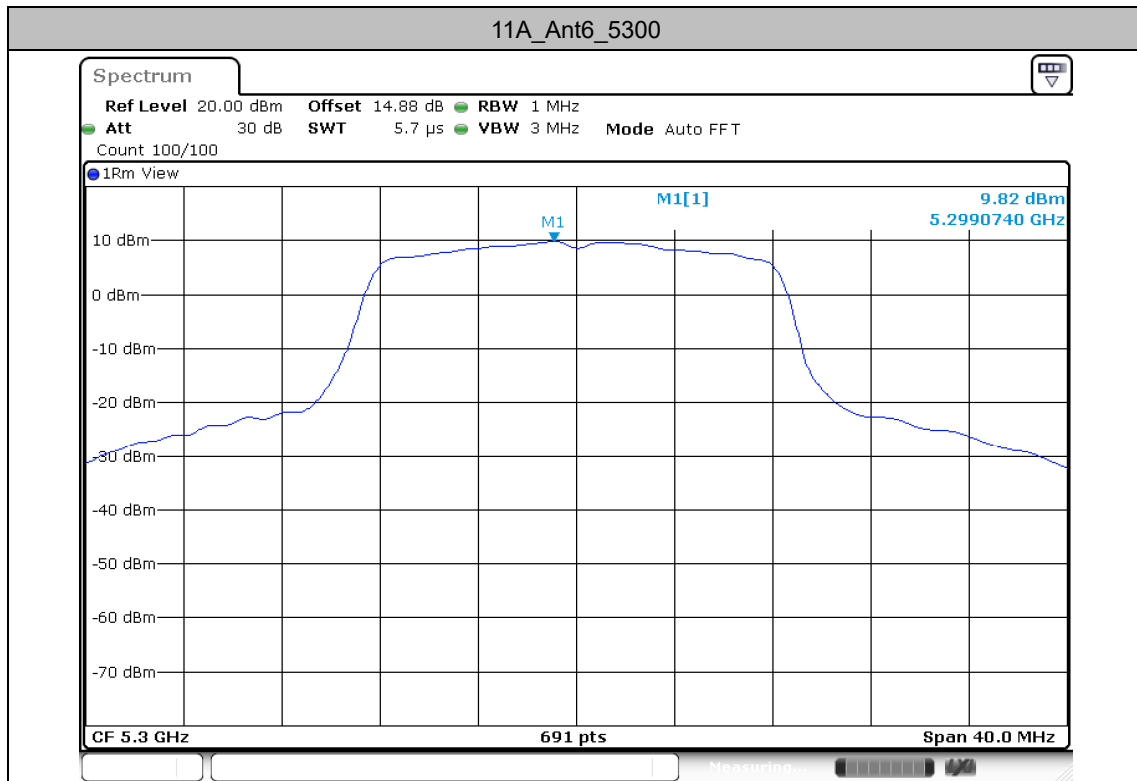
2.The Duty Cycle Factor and is compensated in the graph.

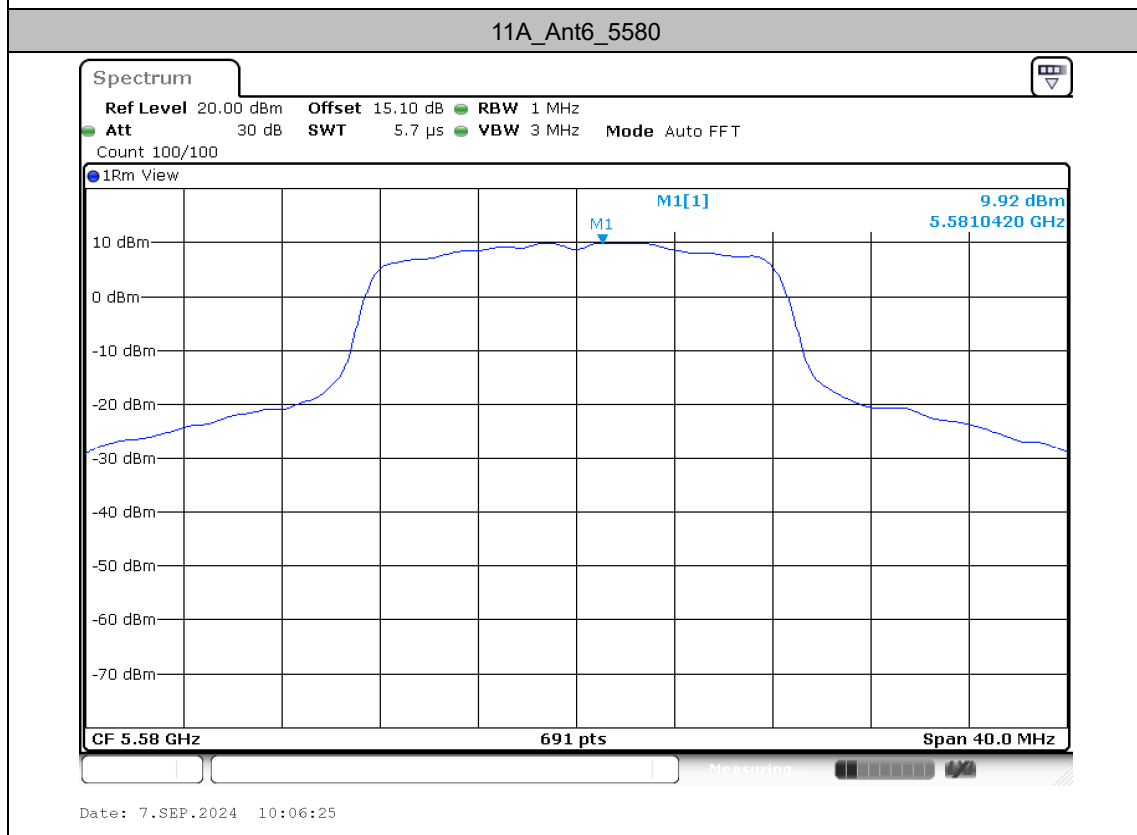
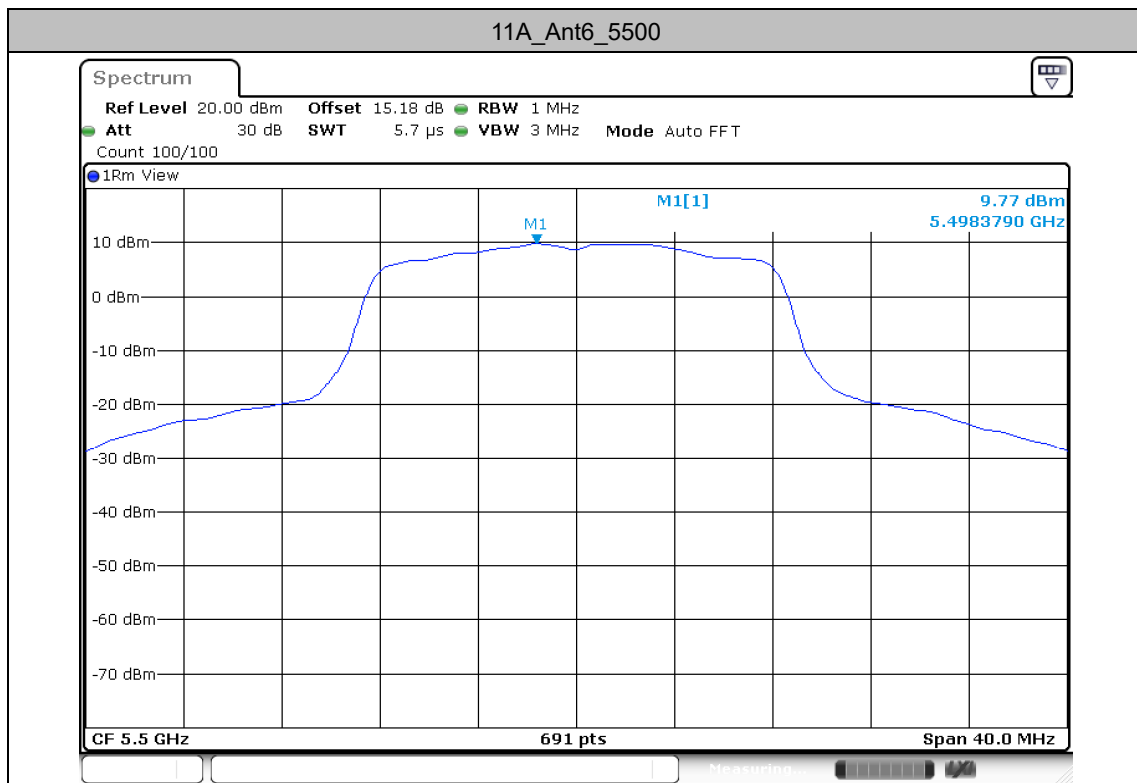


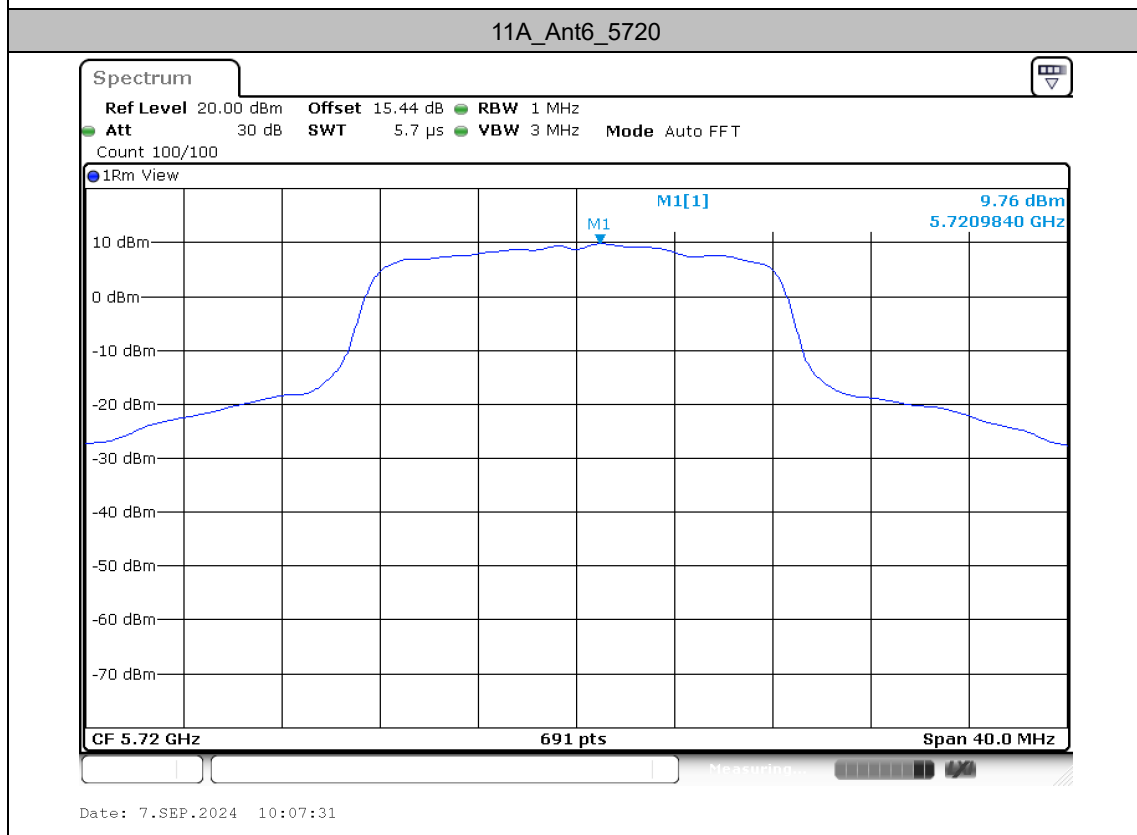
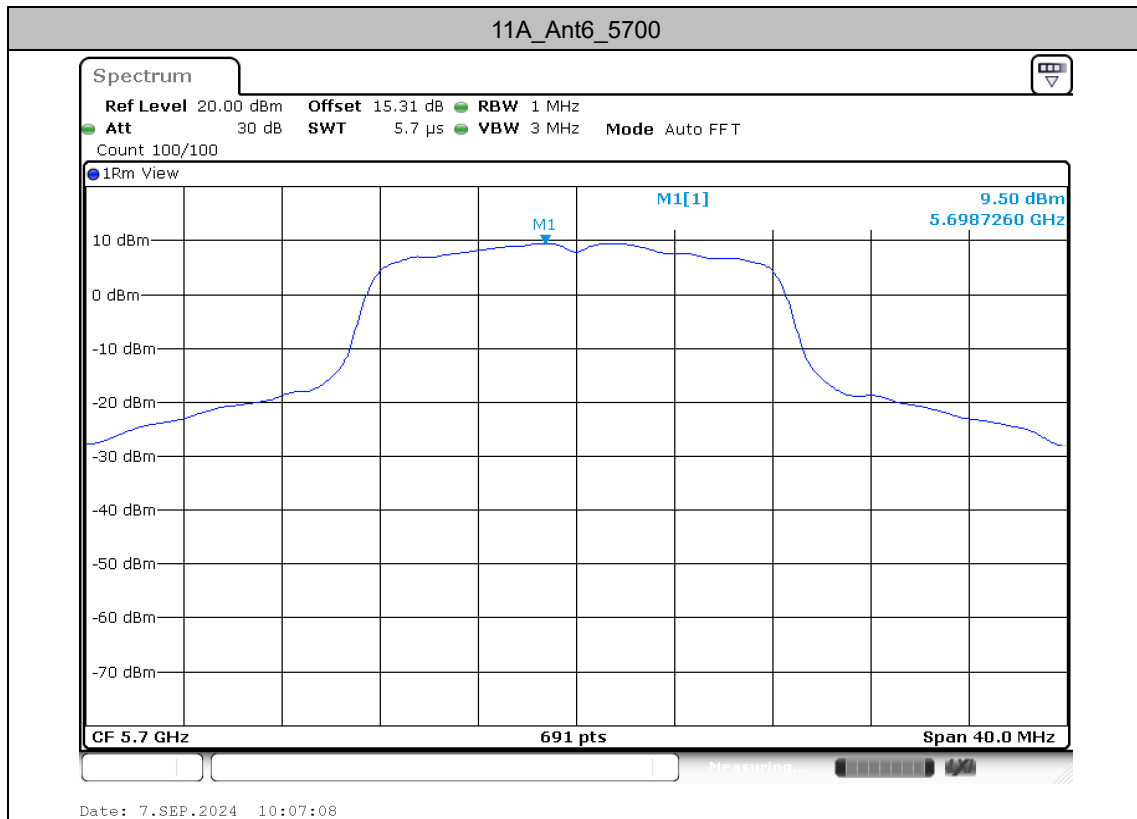
Test Graphs

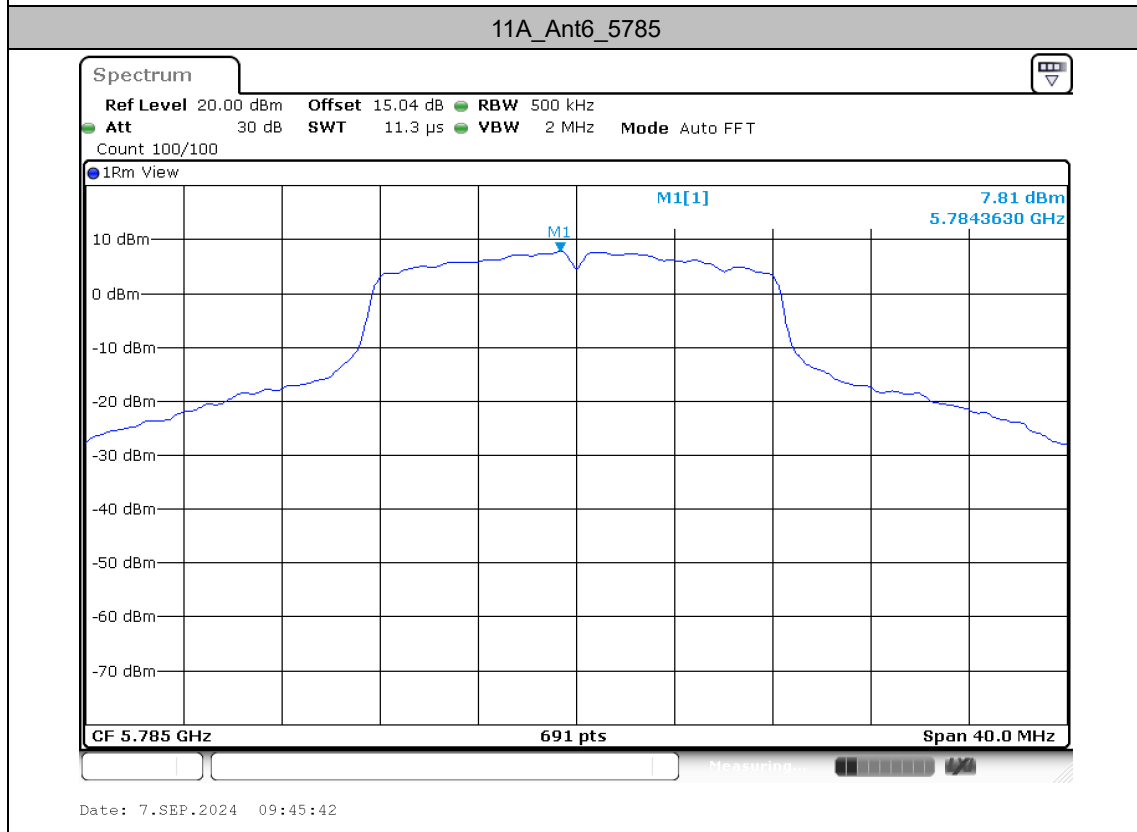
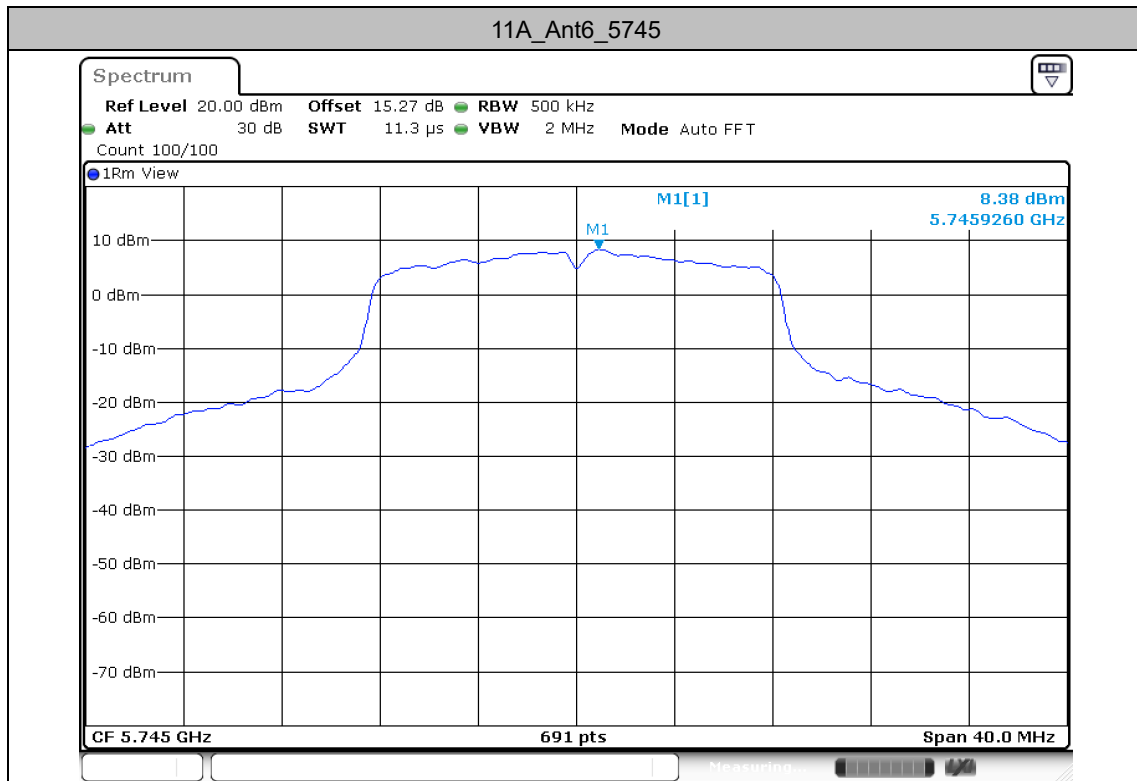


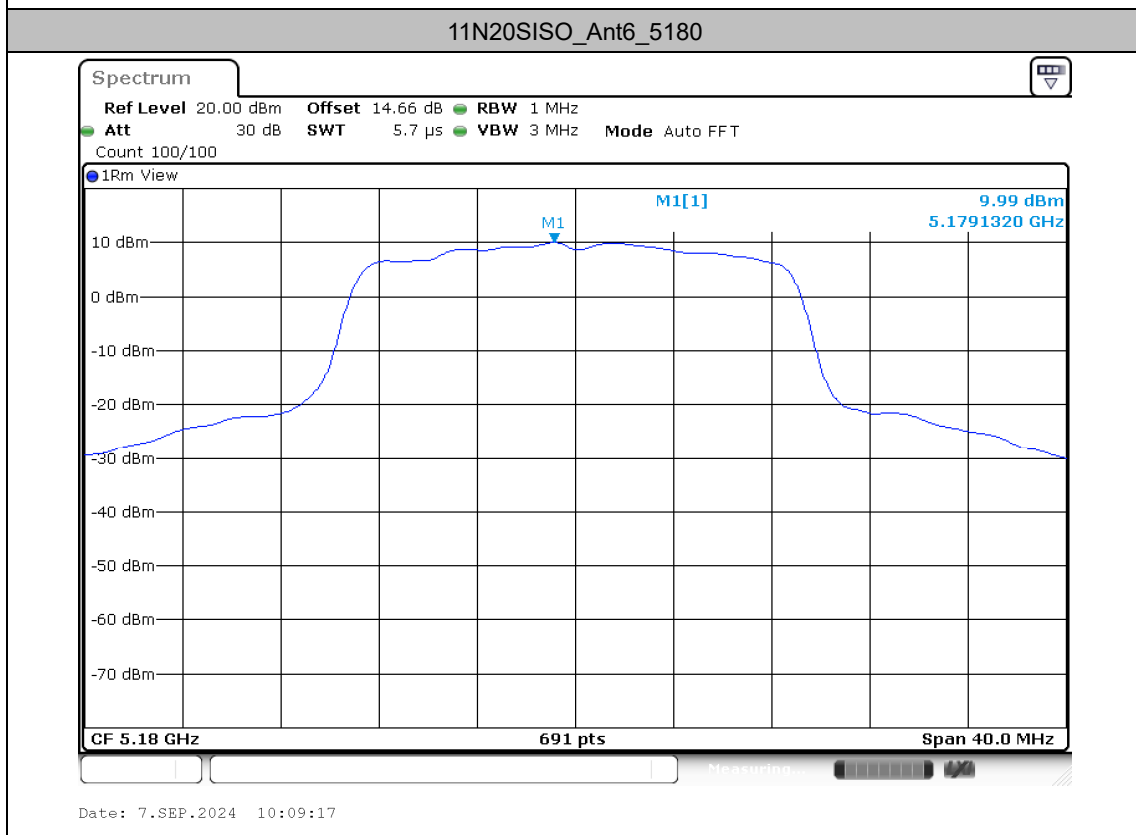
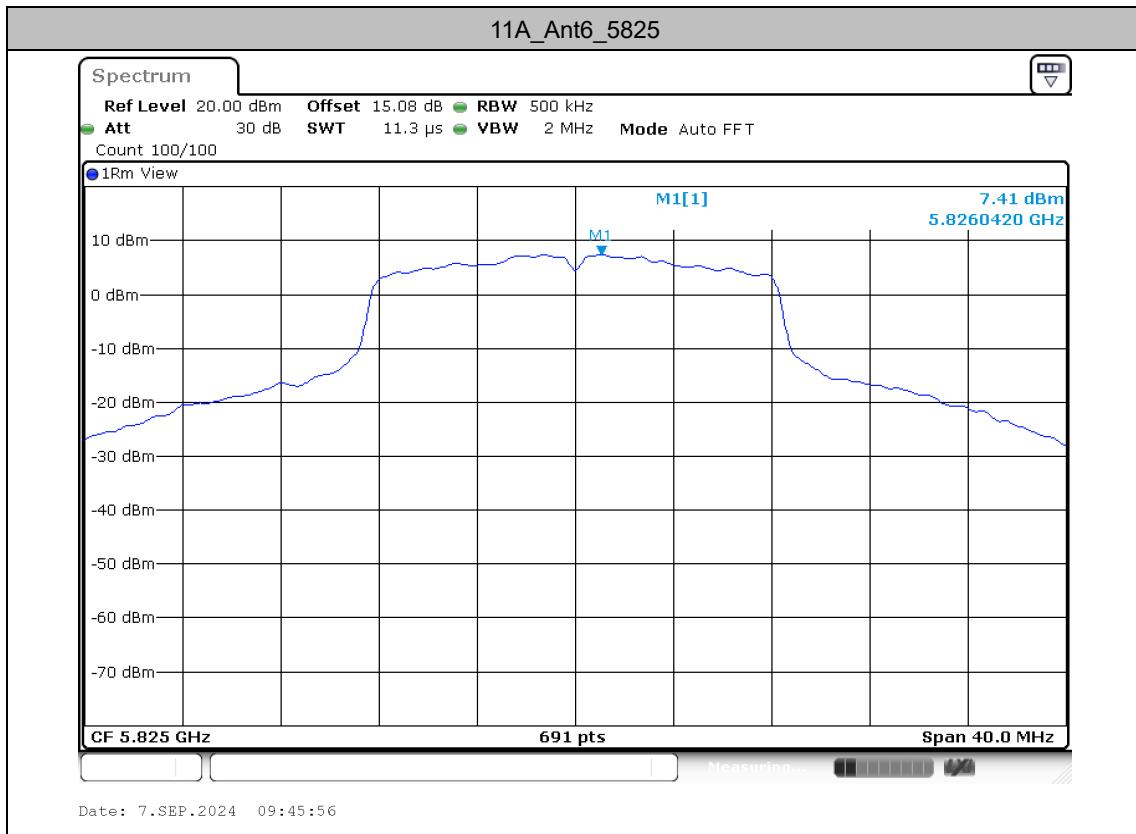


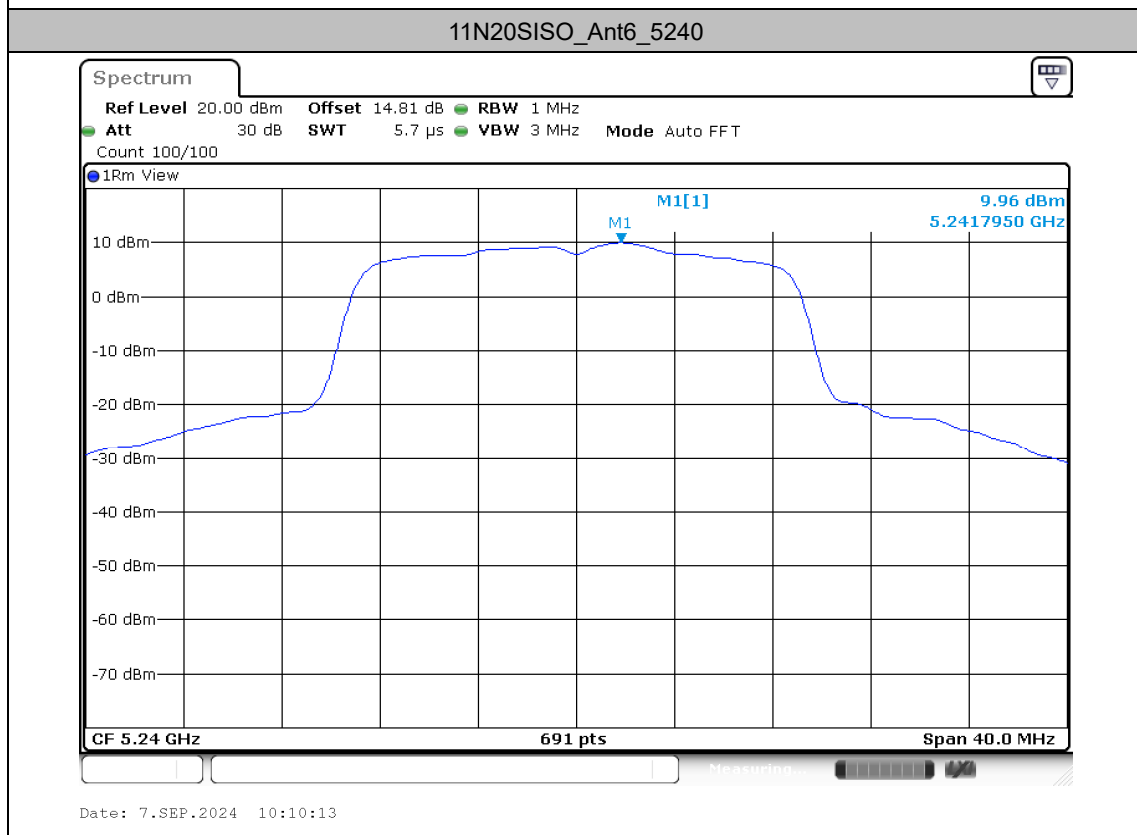
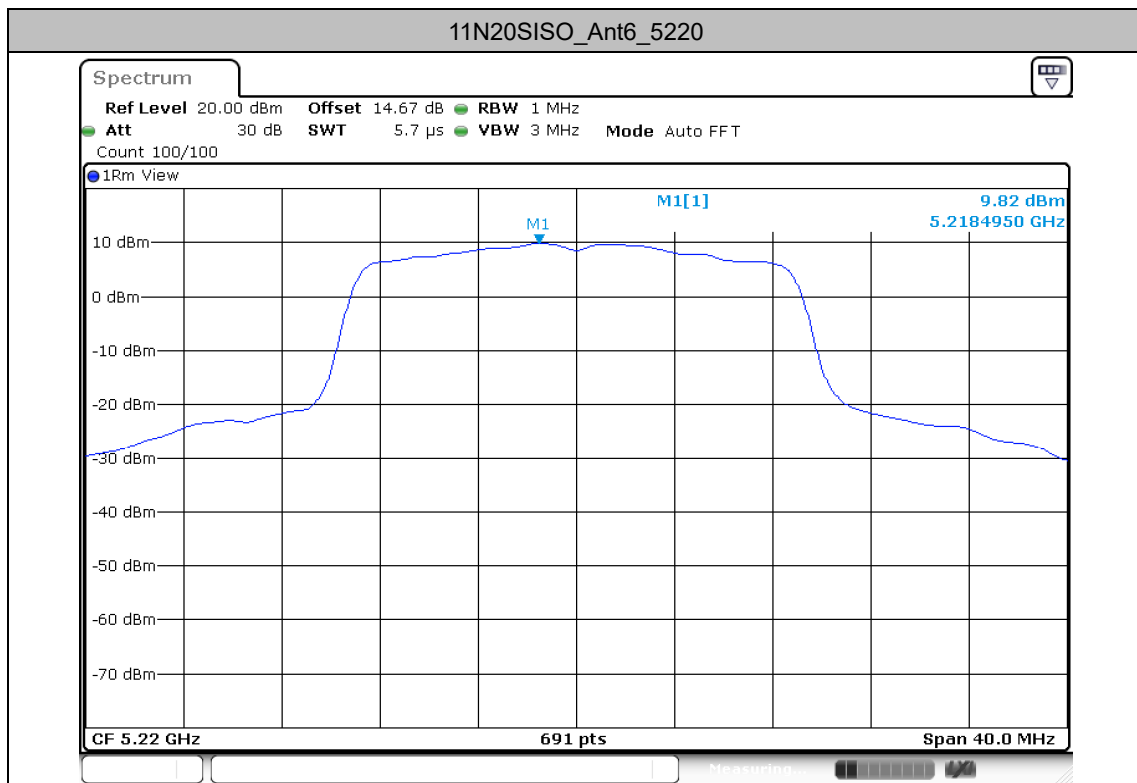


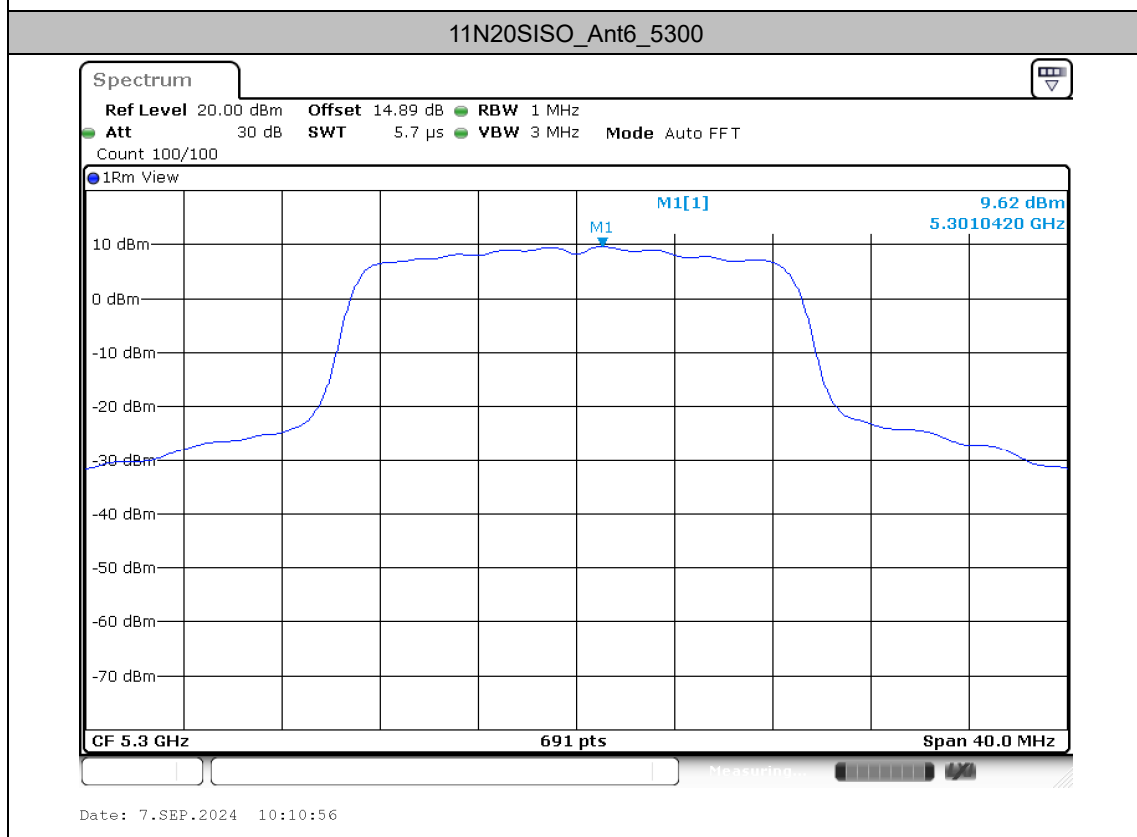
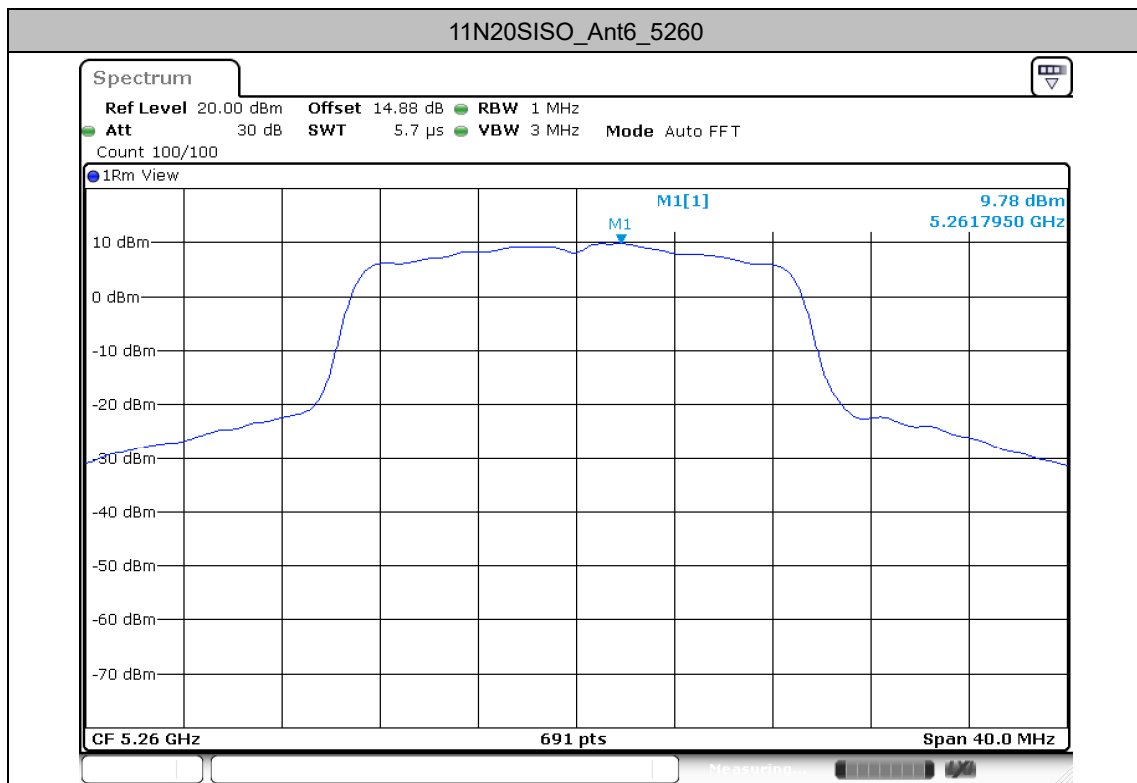


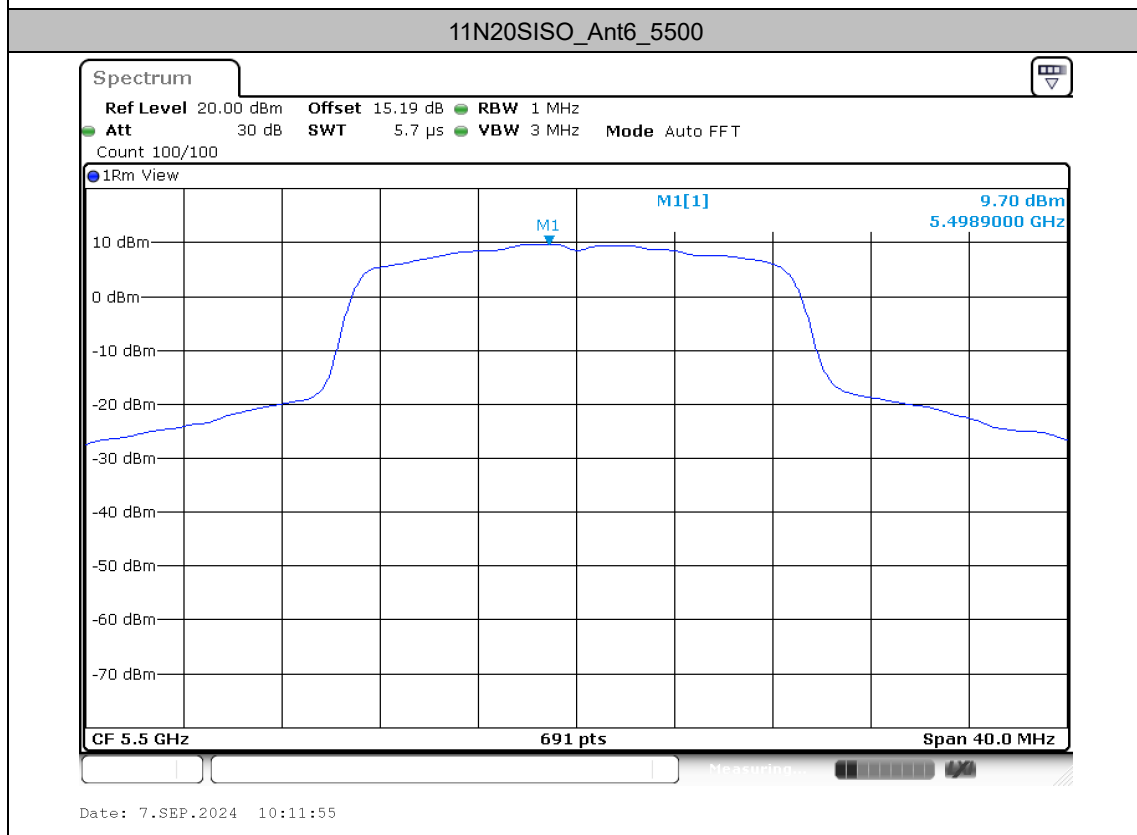
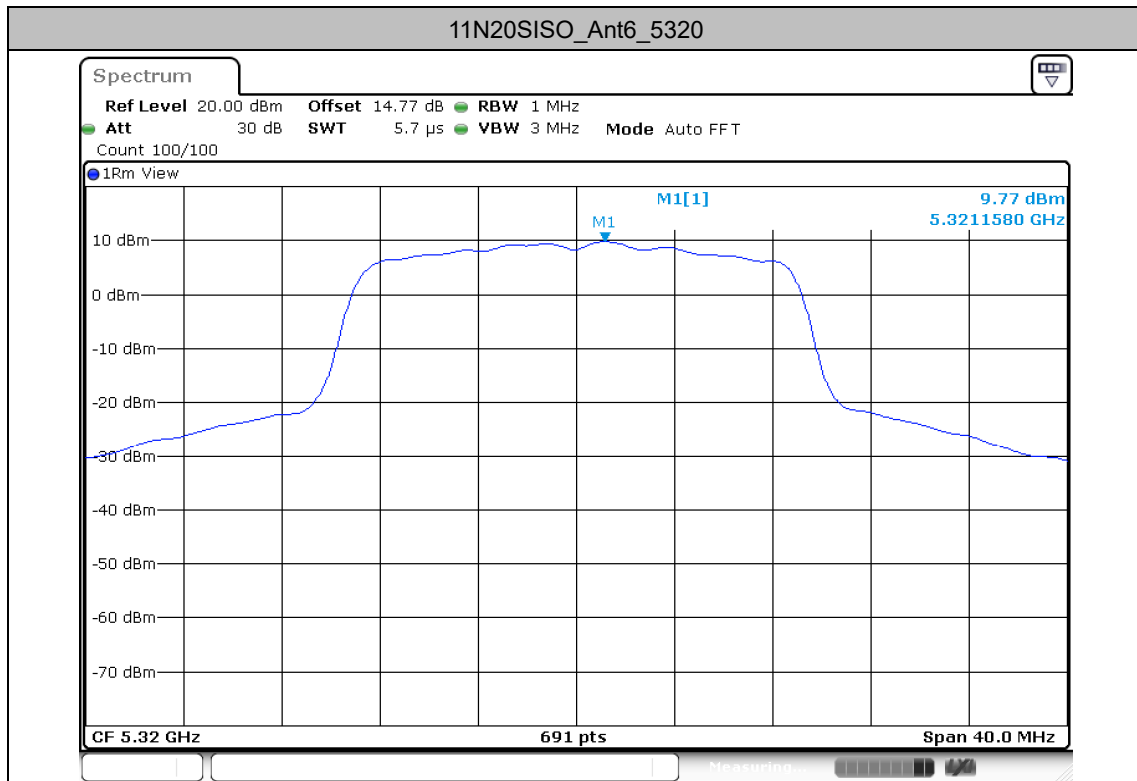


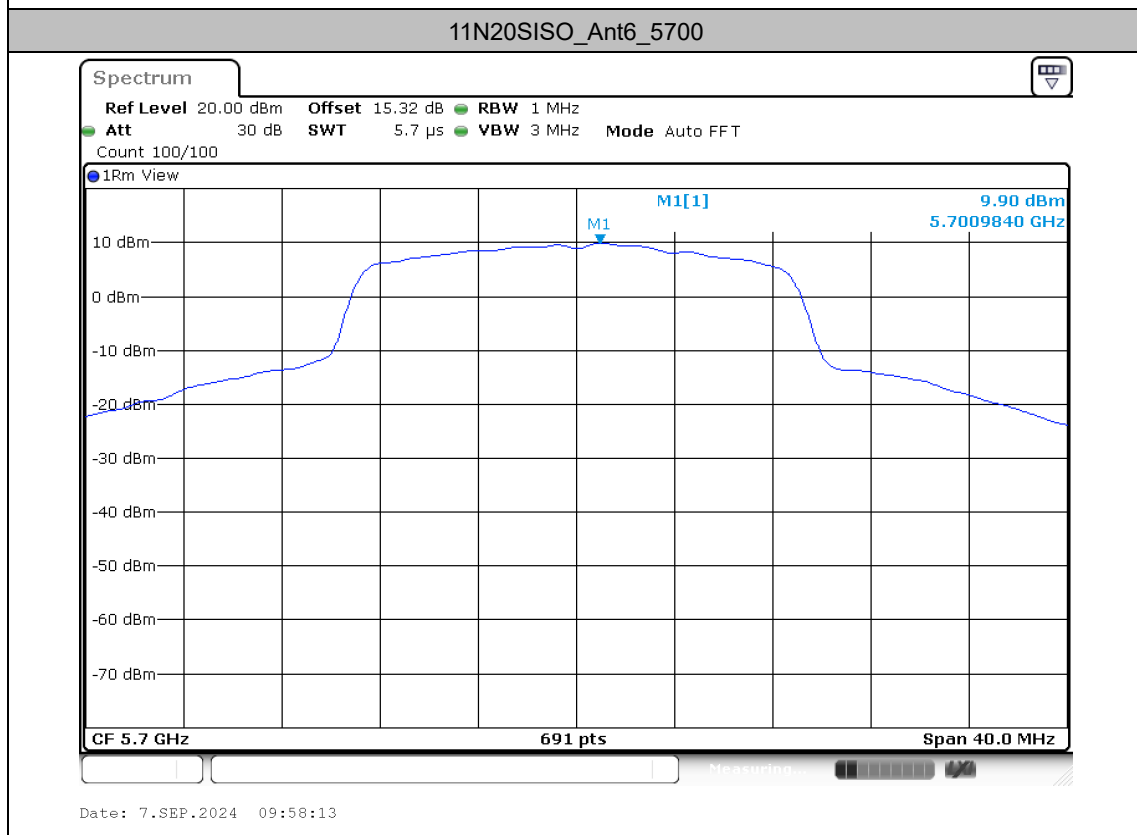
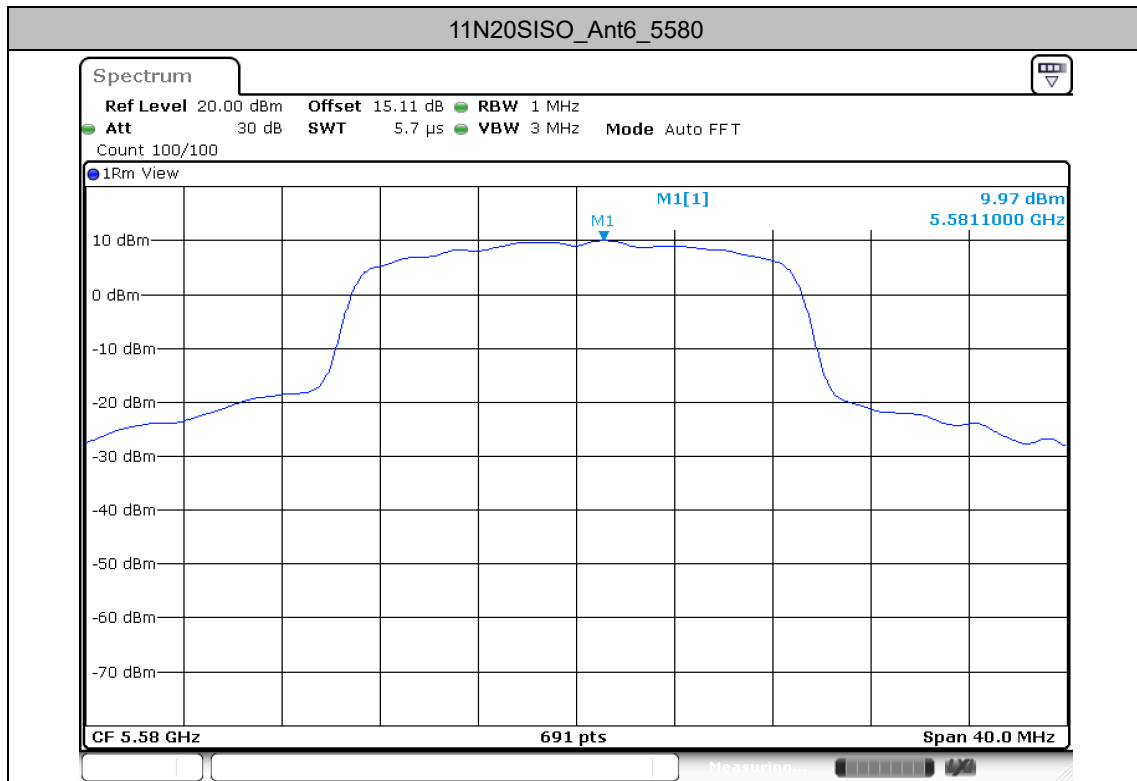


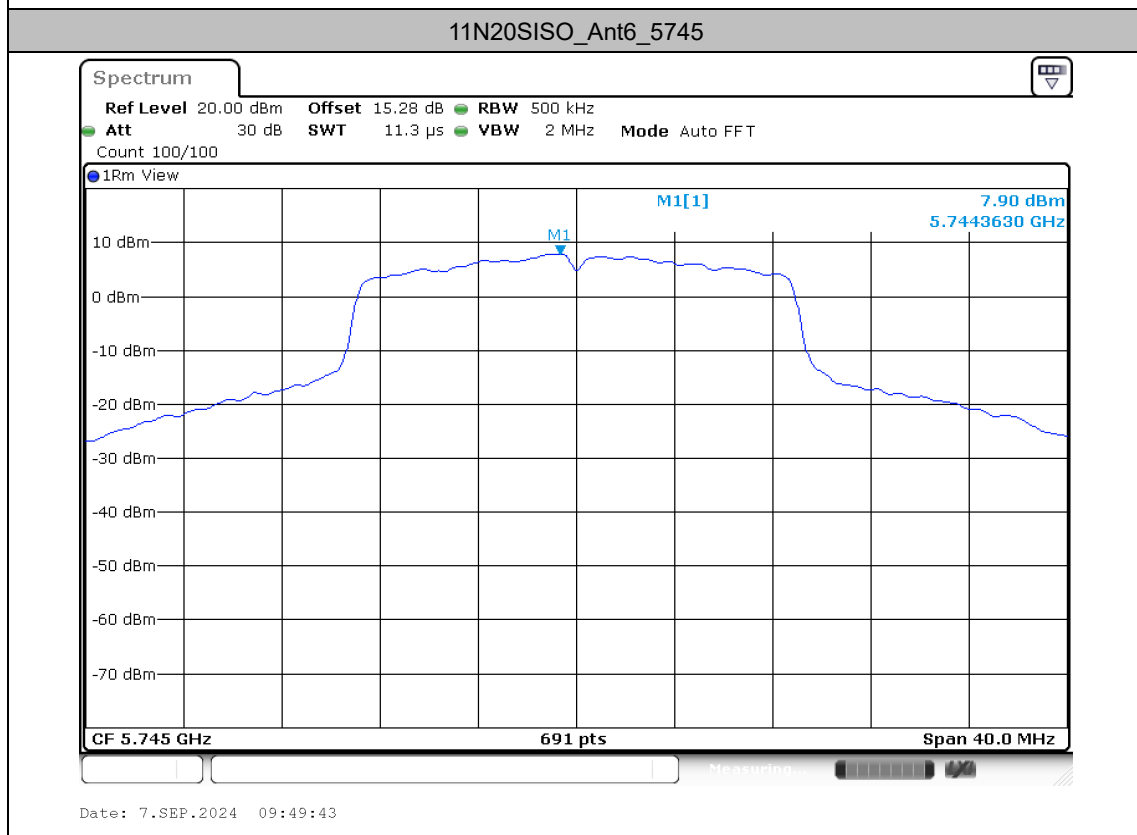
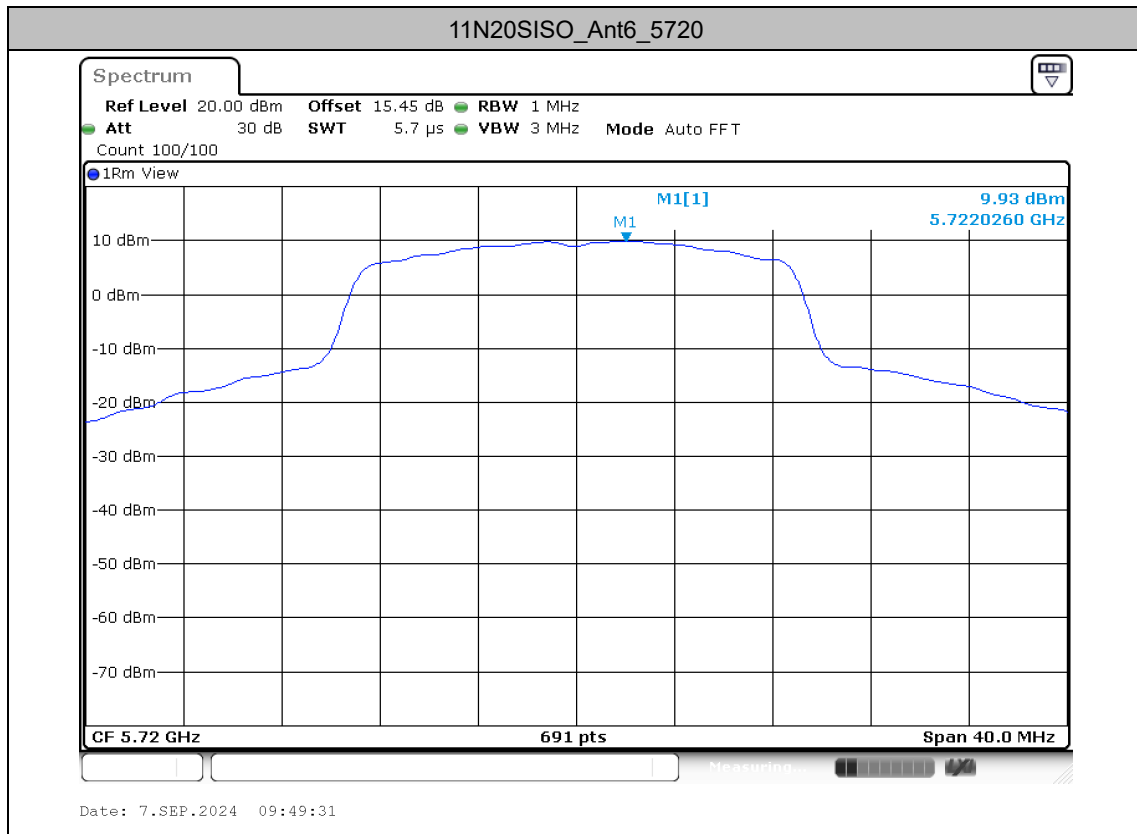


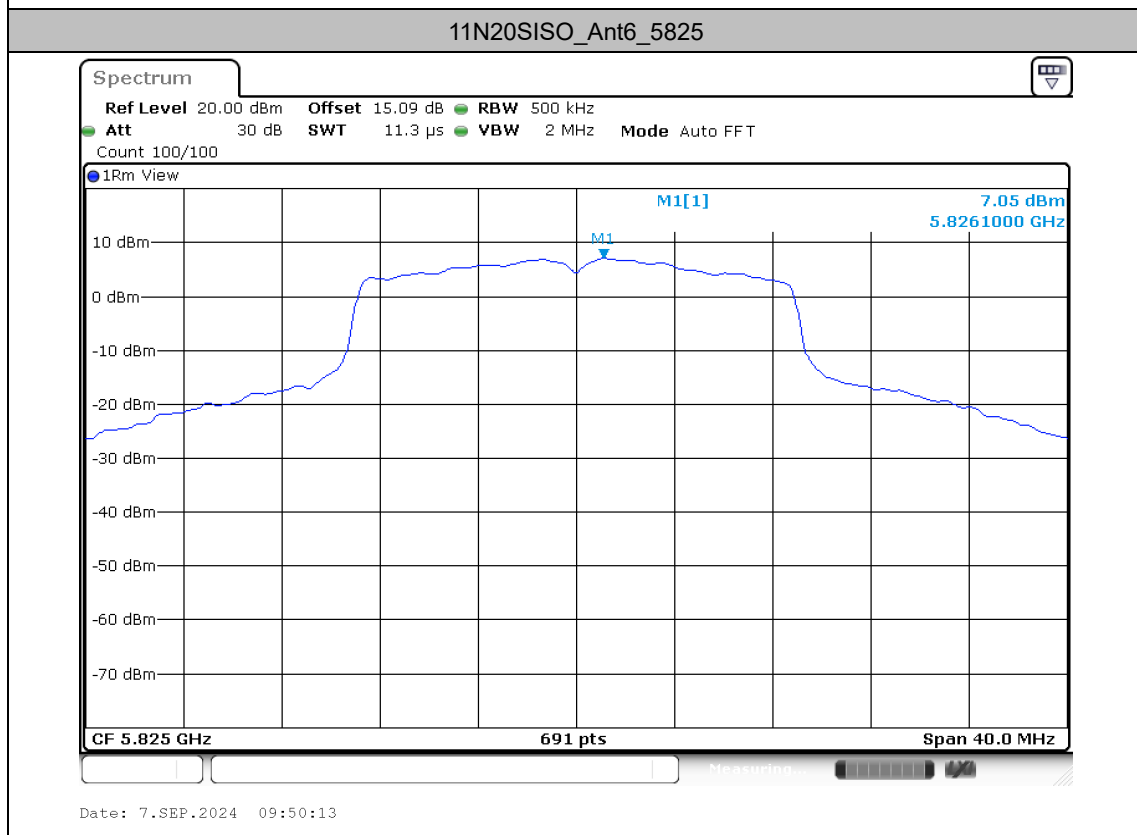
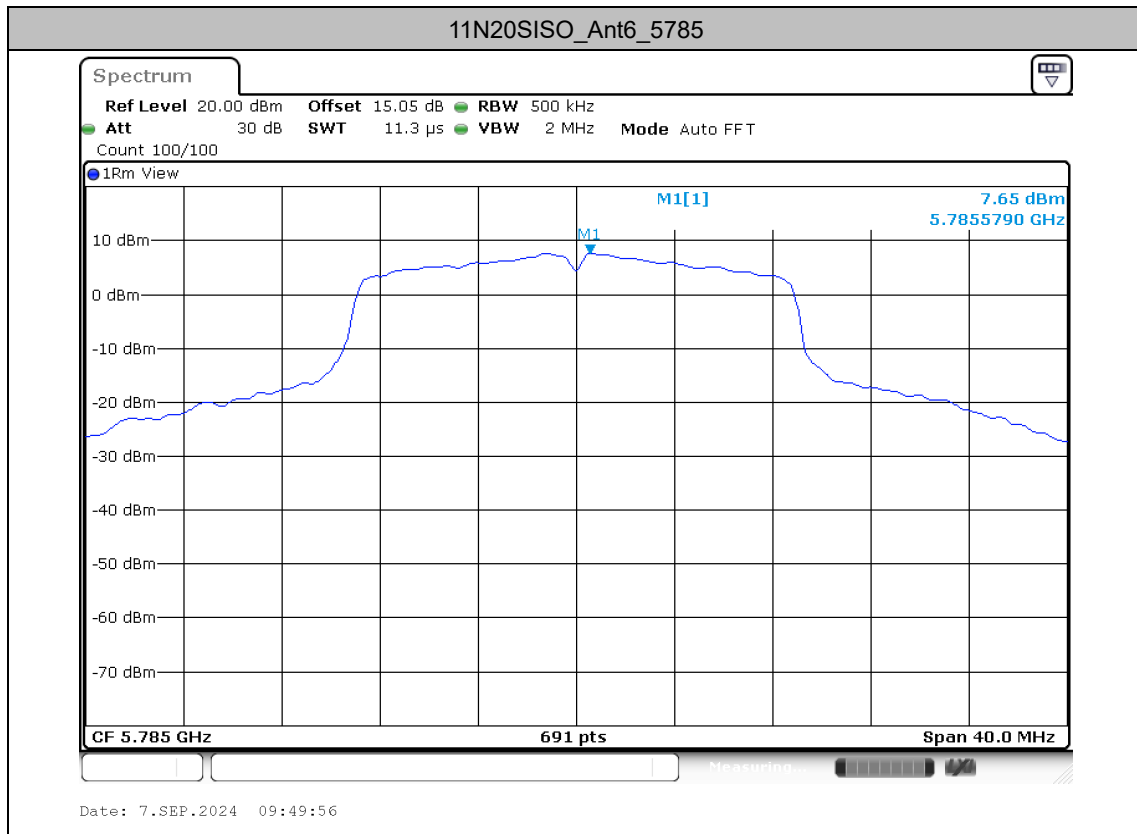


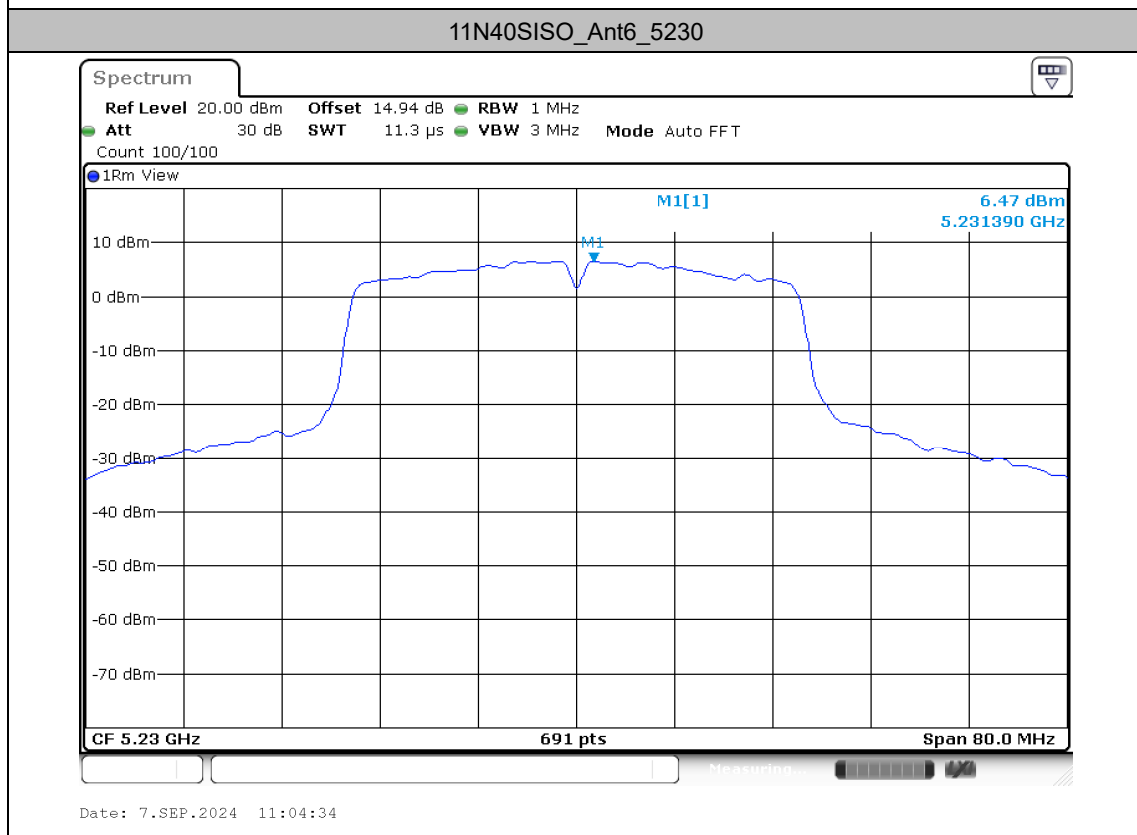
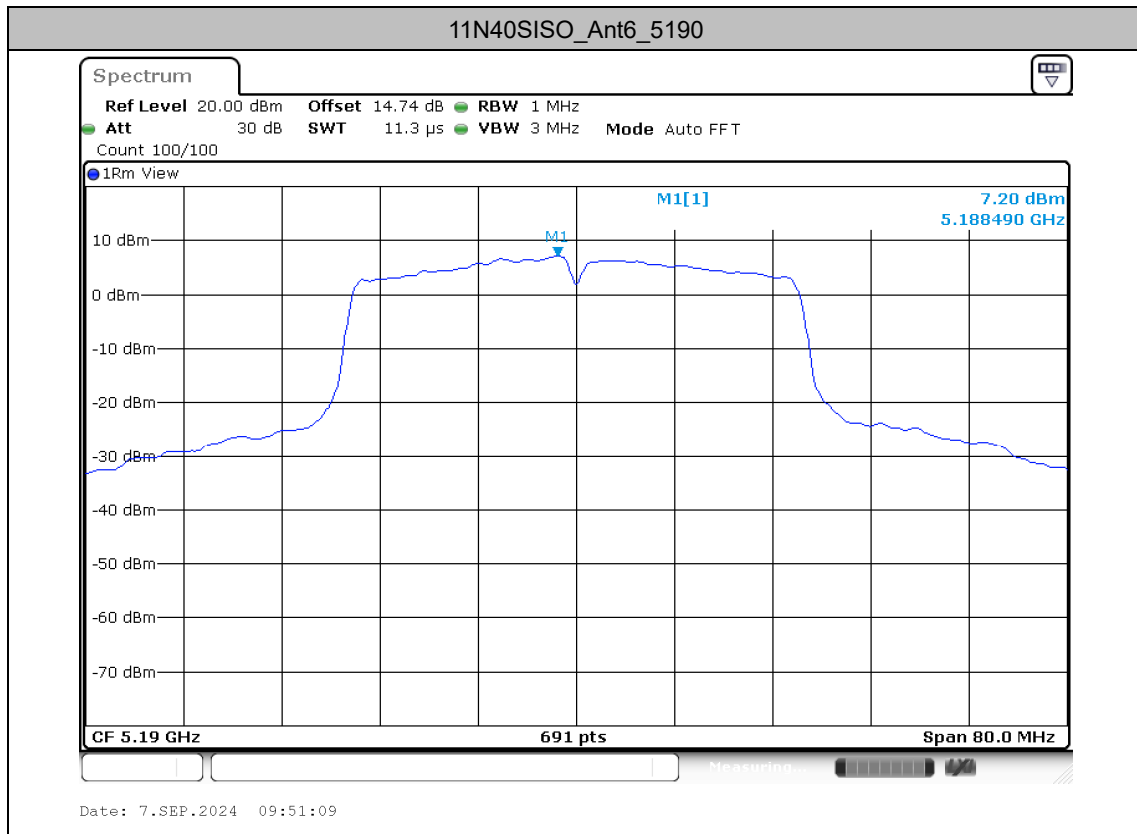


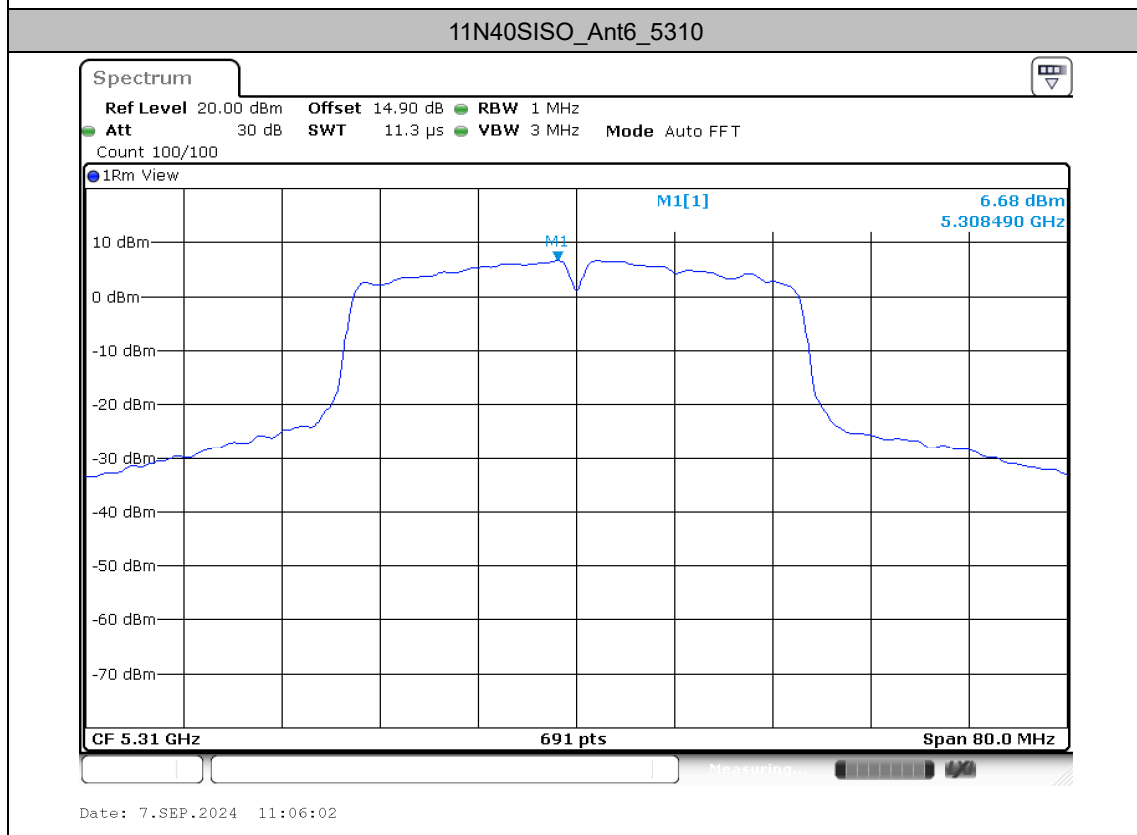
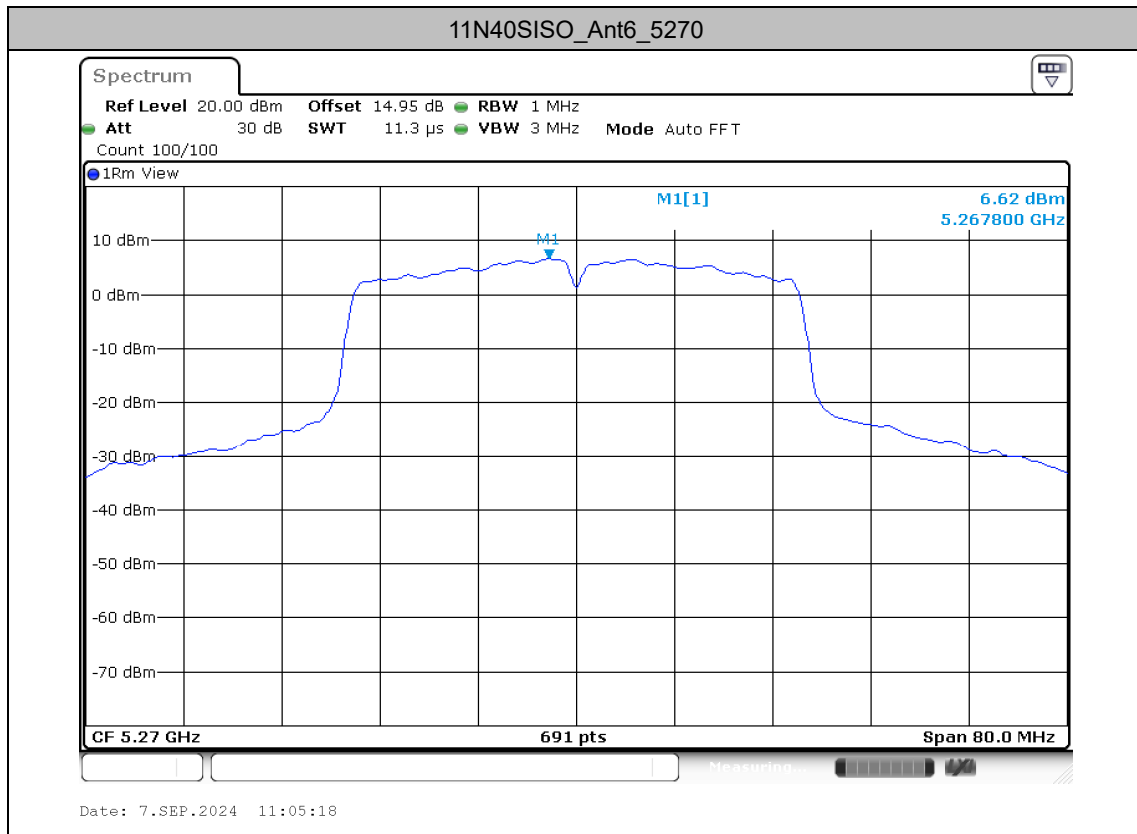


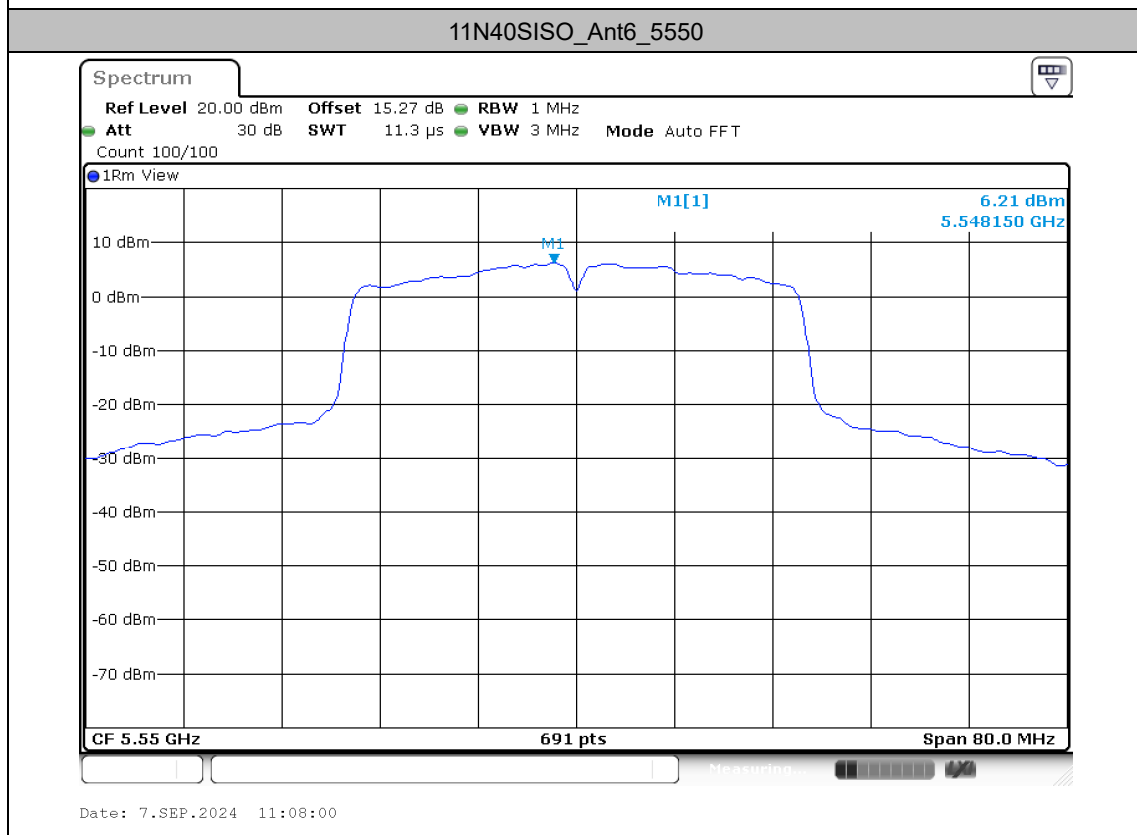
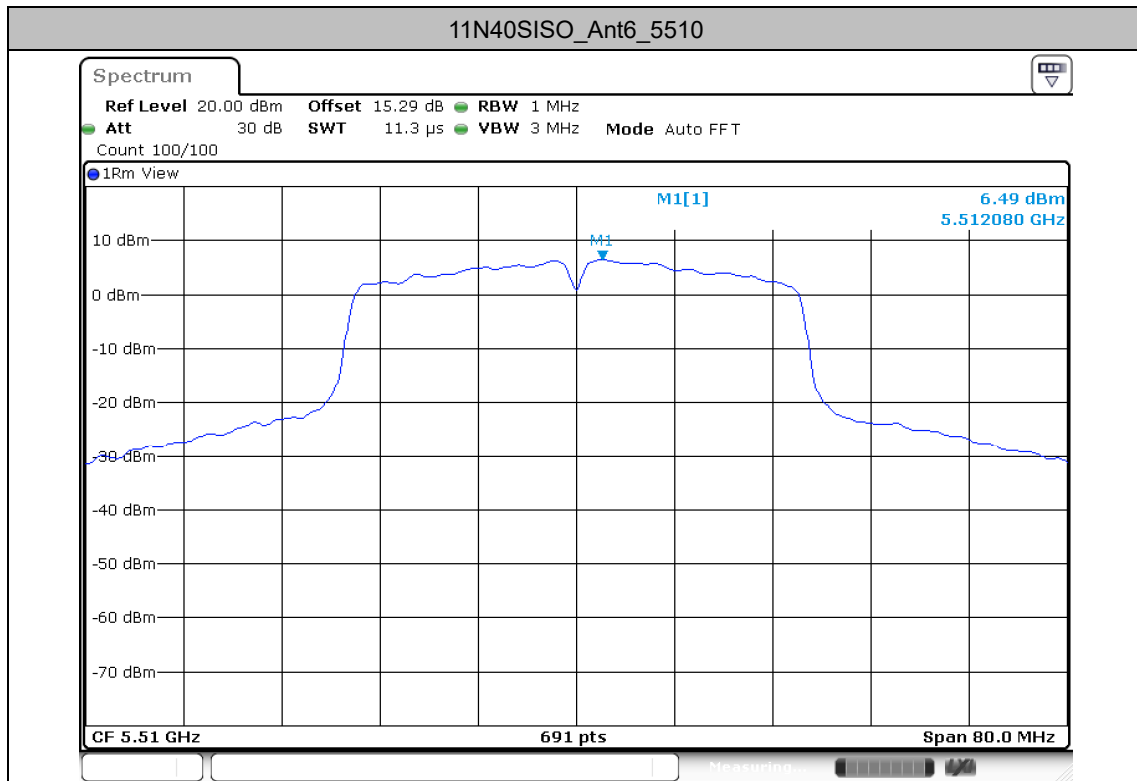


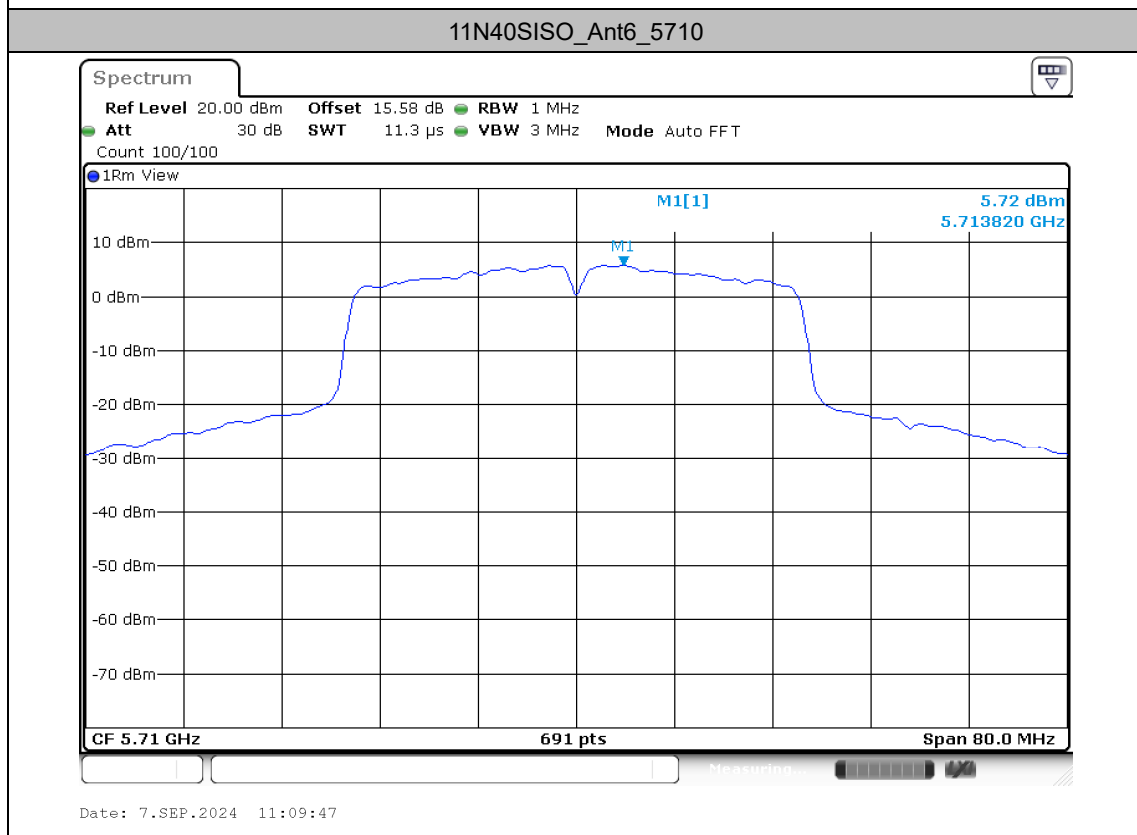
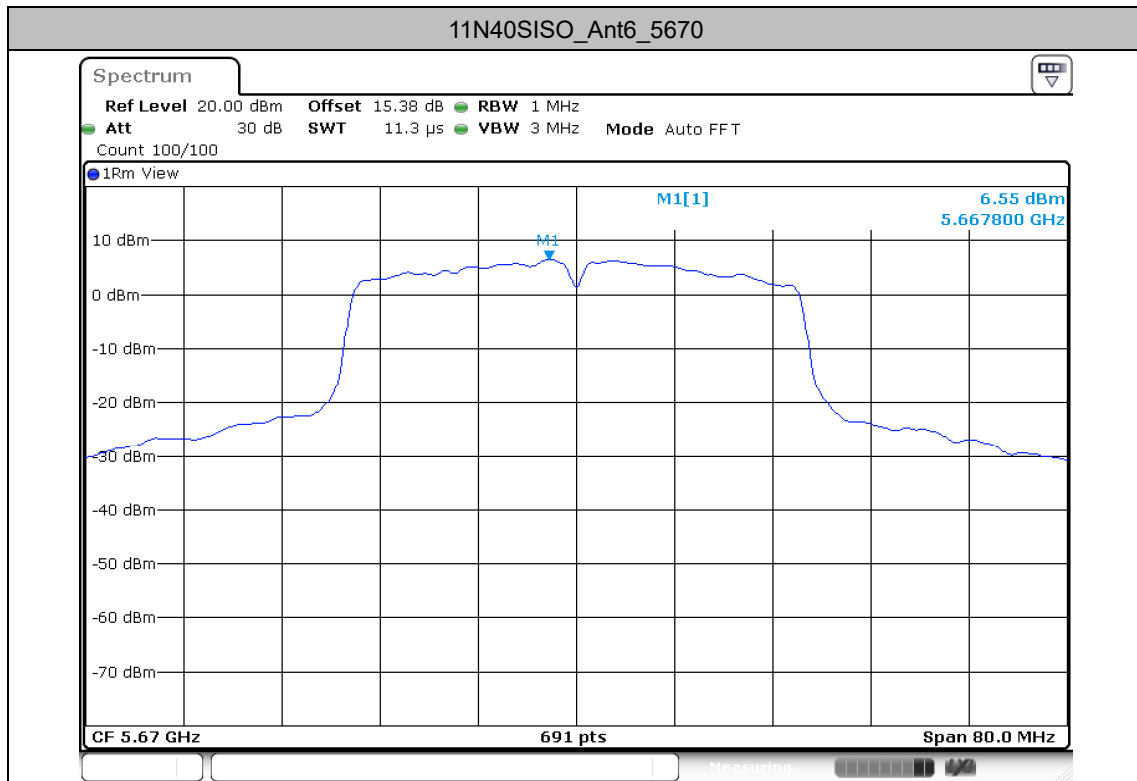


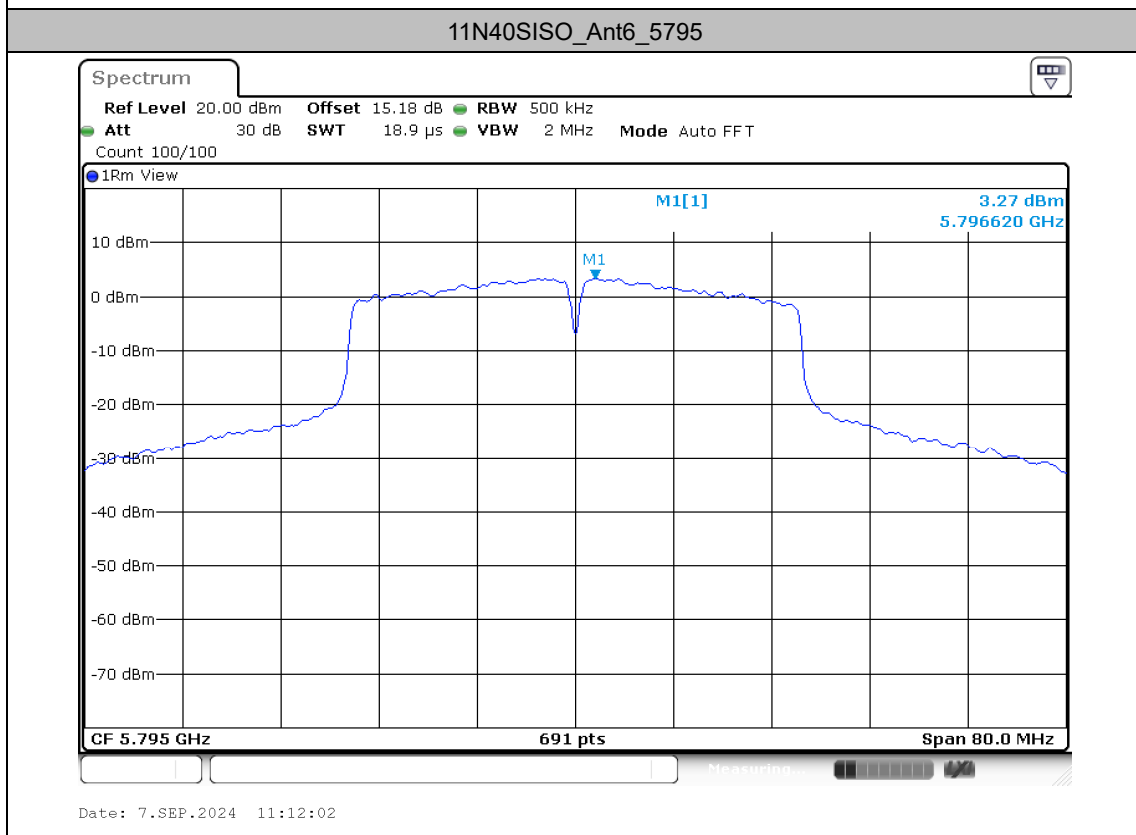
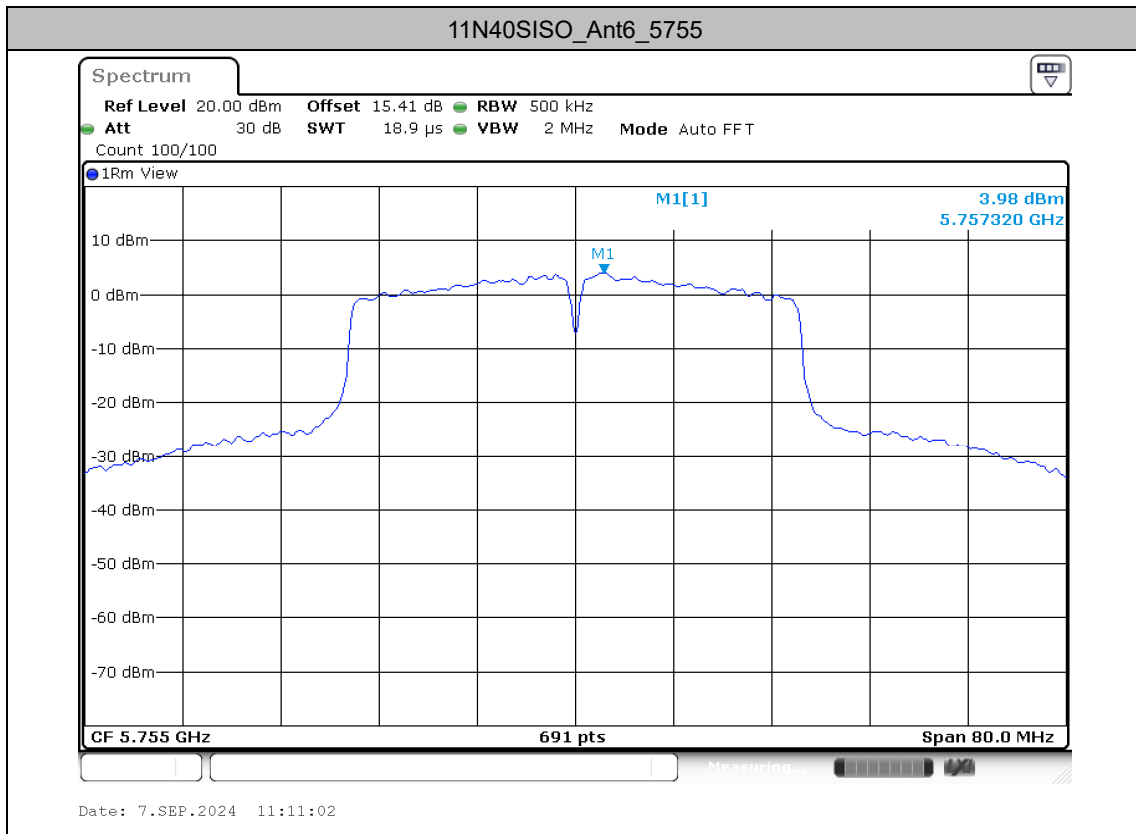


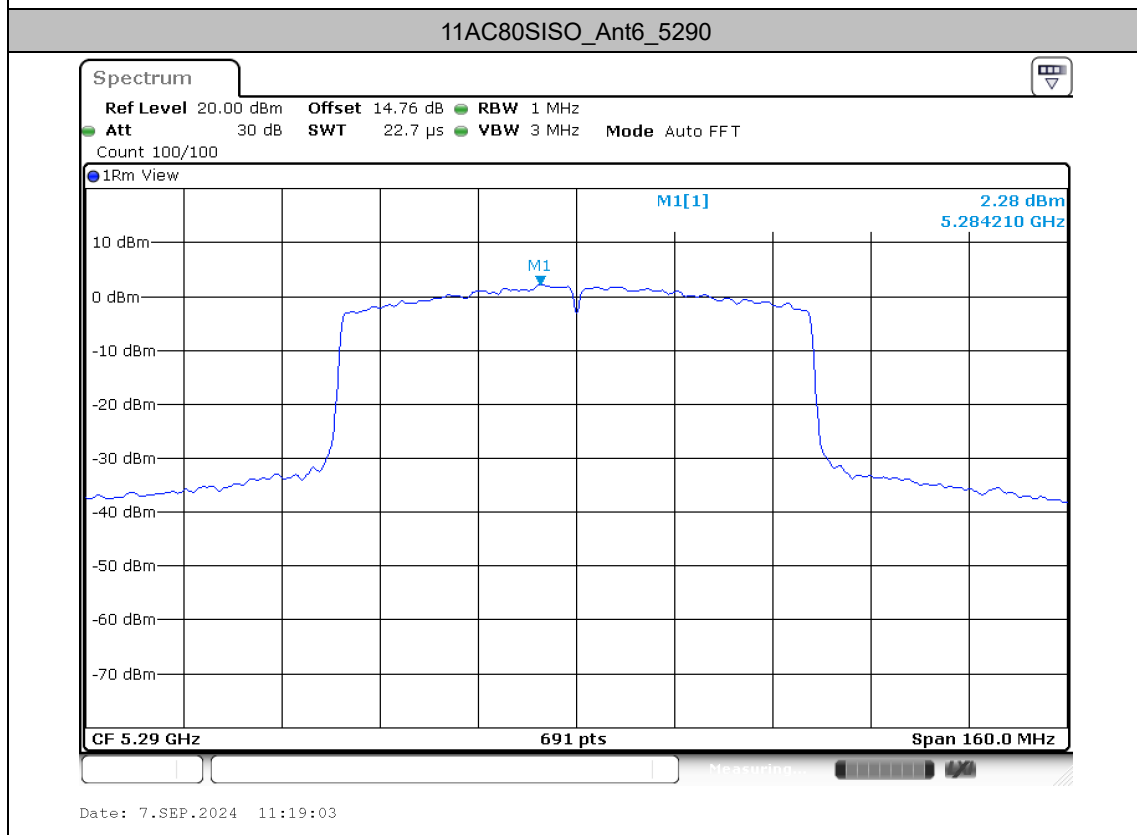
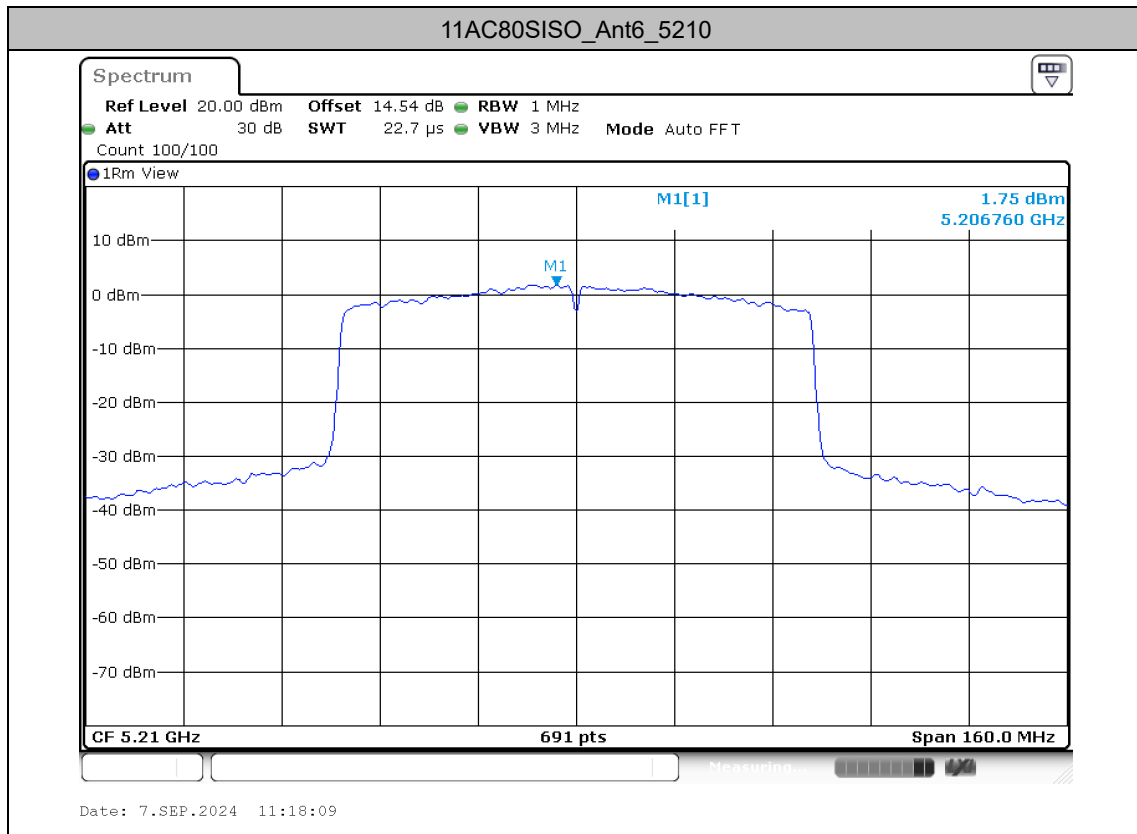


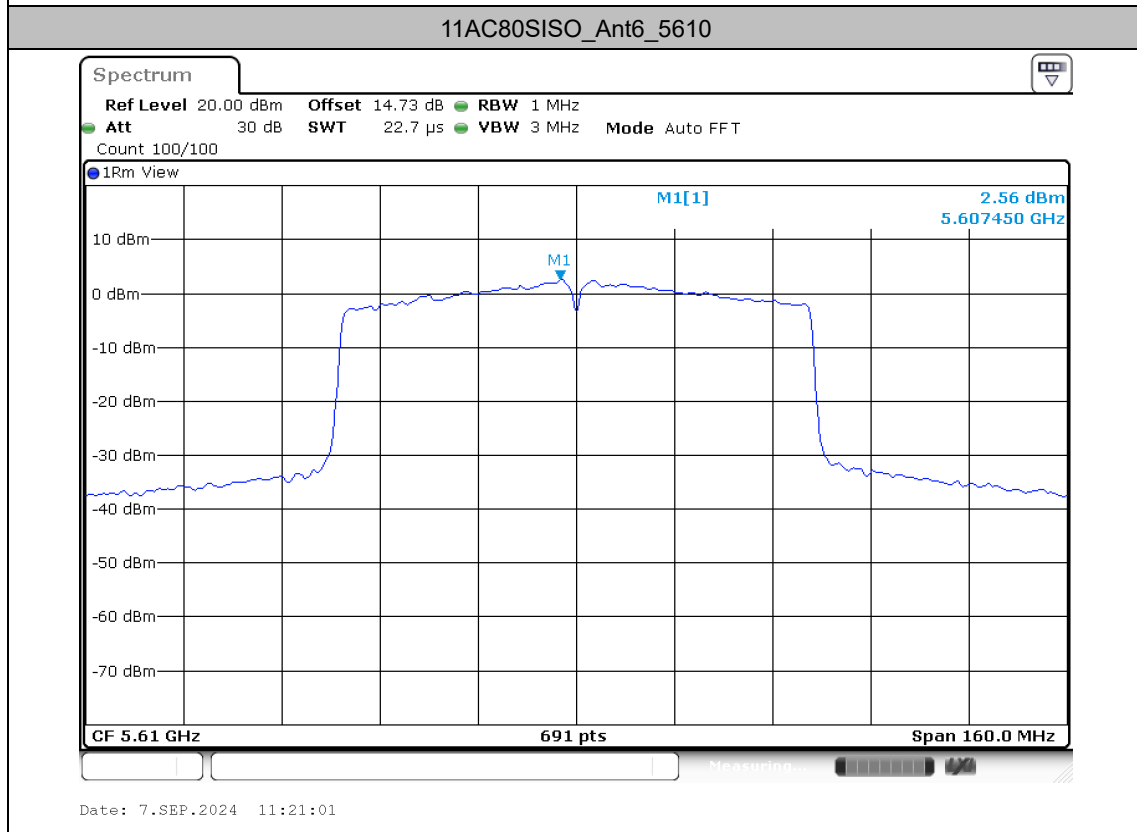
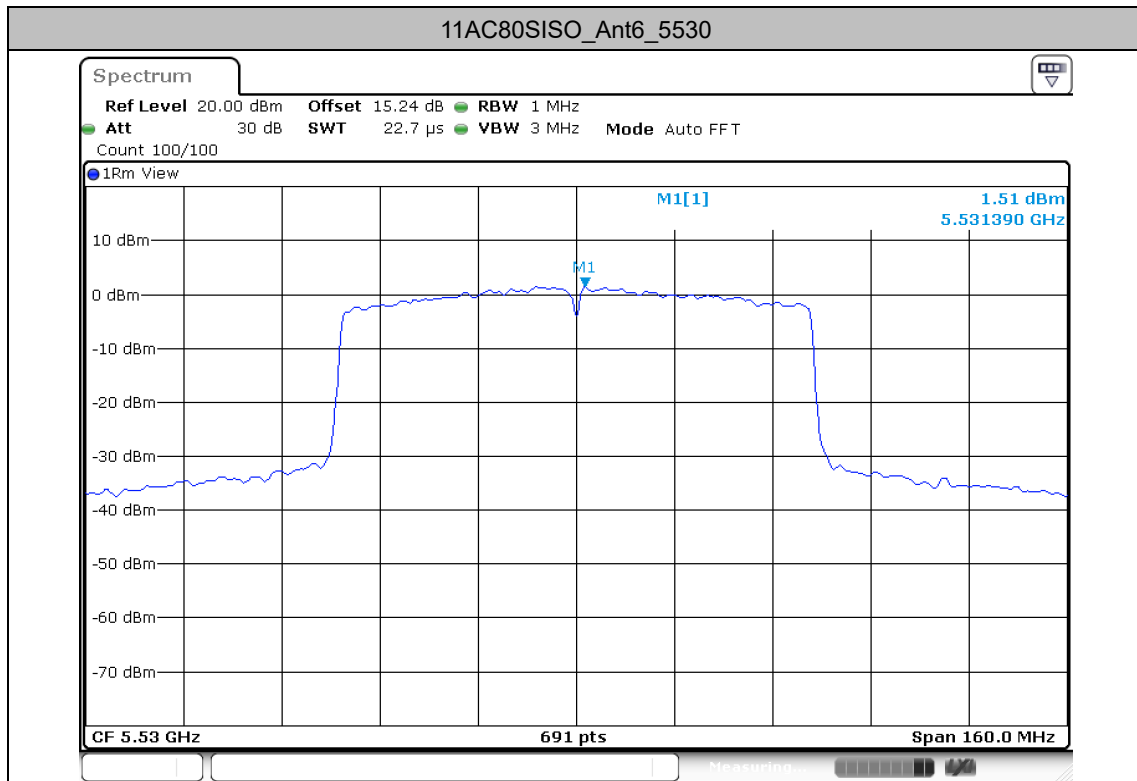


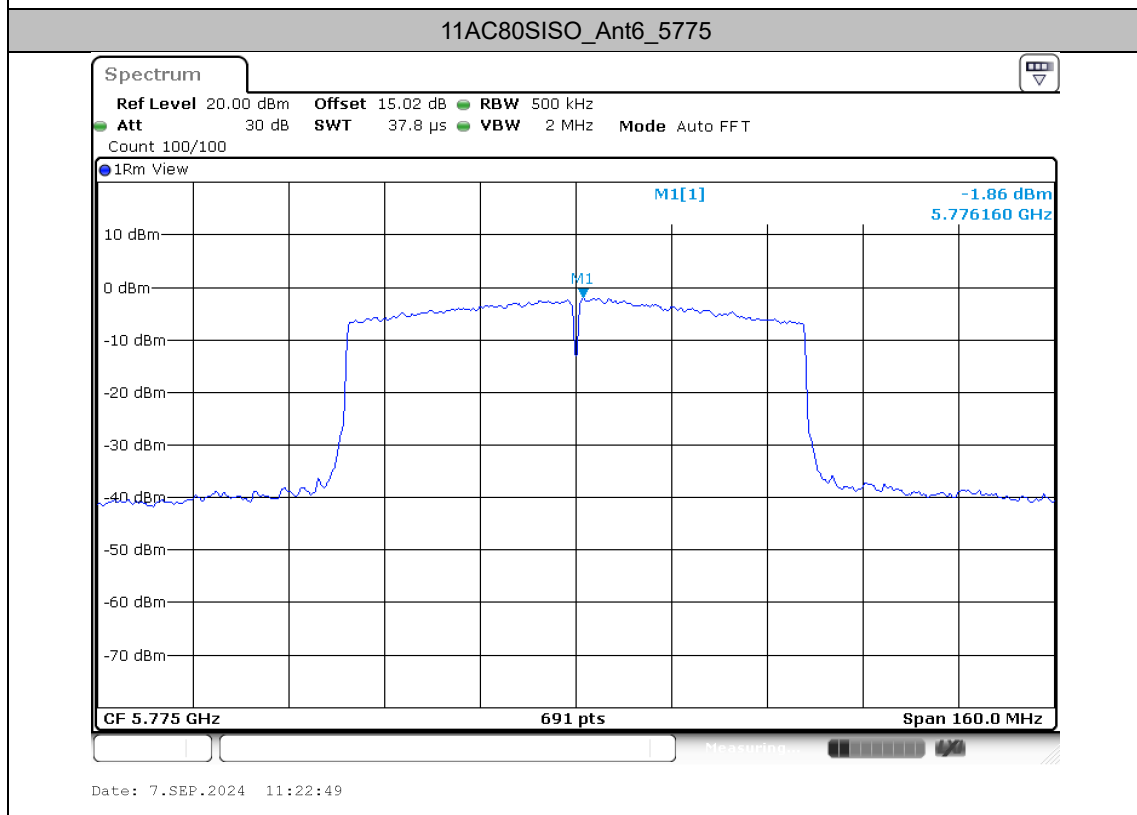
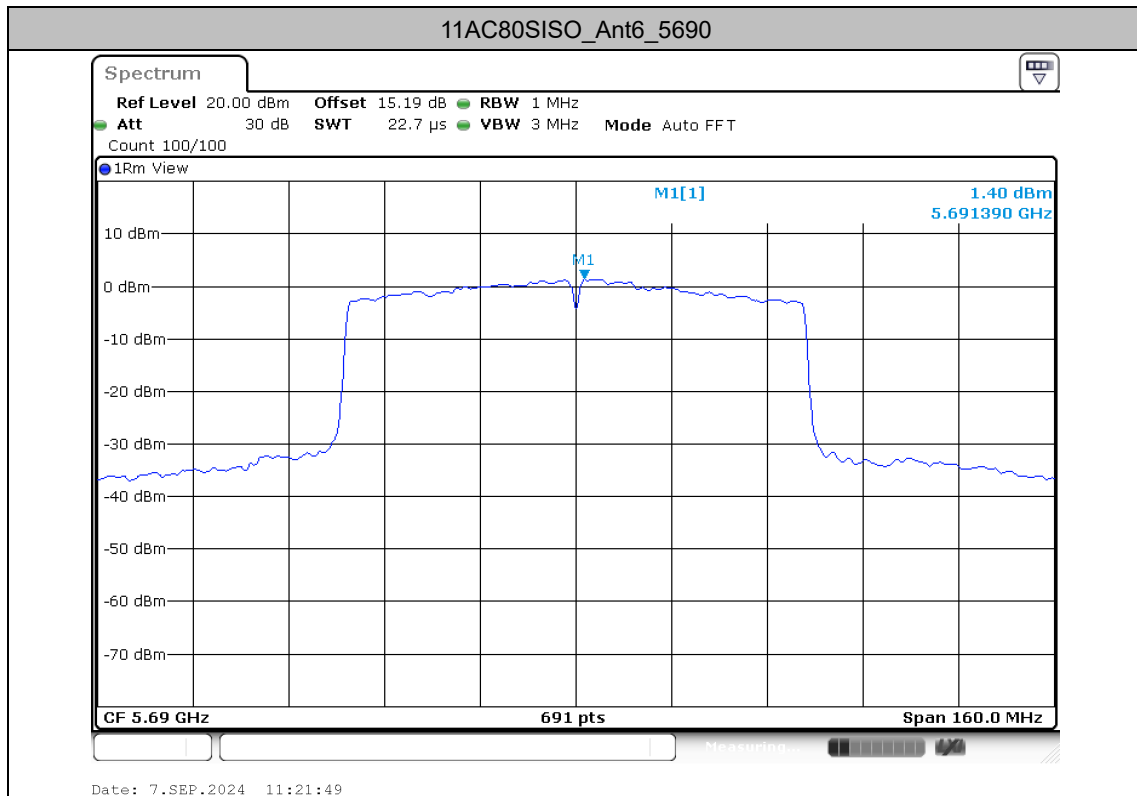






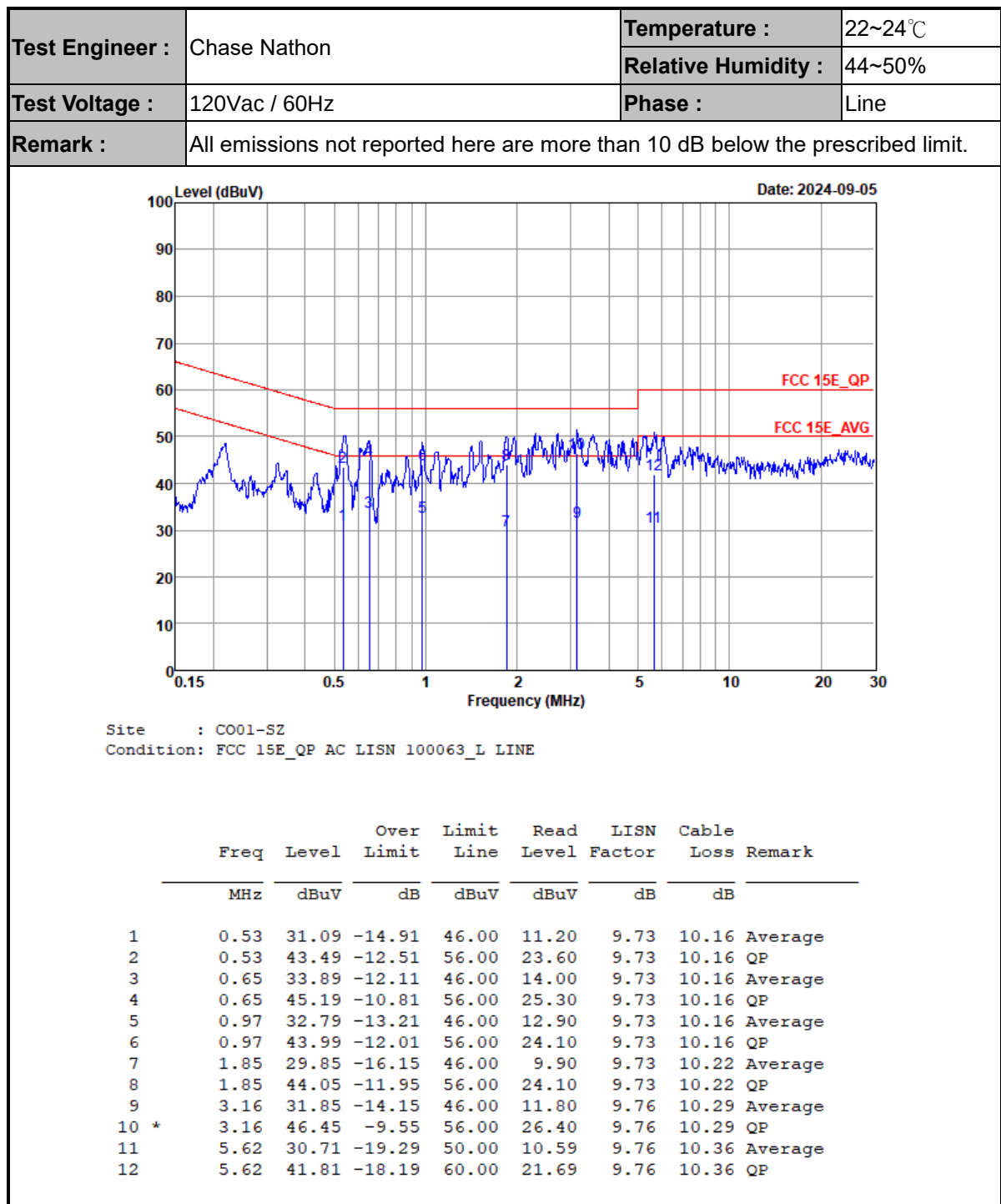






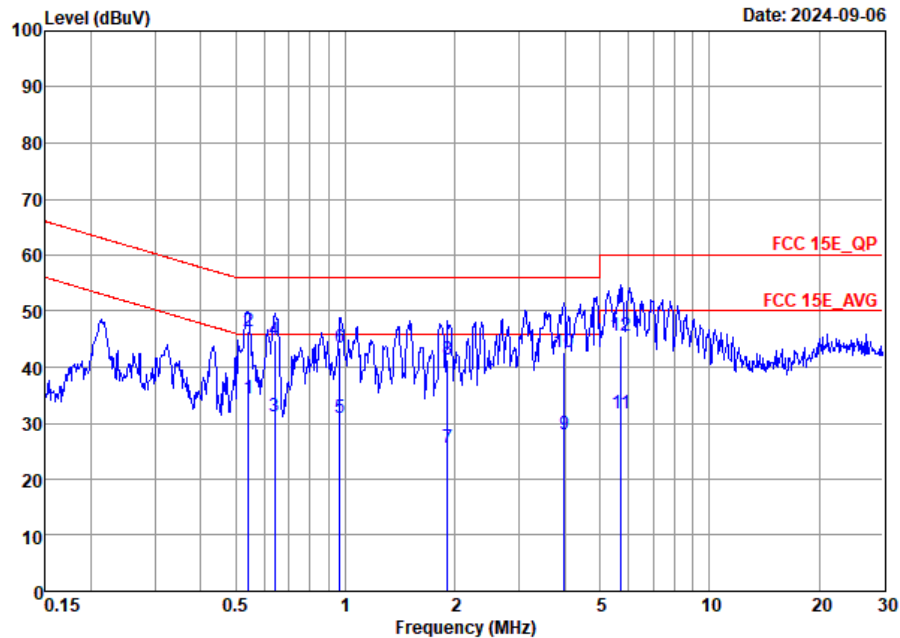


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Chase Nathon	Temperature :	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : C001-SZ
Condition: FCC 15E_QP AC LISN 100063_N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.54	34.29	-11.71	46.00	14.40	9.73	10.16	Average
2 *	0.54	46.39	-9.61	56.00	26.50	9.73	10.16	QP
3	0.64	31.10	-14.90	46.00	11.20	9.74	10.16	Average
4	0.64	44.70	-11.30	56.00	24.80	9.74	10.16	QP
5	0.96	30.95	-15.05	46.00	11.10	9.69	10.16	Average
6	0.96	43.35	-12.65	56.00	23.50	9.69	10.16	QP
7	1.91	25.53	-20.47	46.00	5.59	9.71	10.23	Average
8	1.91	41.43	-14.57	56.00	21.49	9.71	10.23	QP
9	3.99	27.91	-18.09	46.00	7.90	9.69	10.32	Average
10	3.99	42.61	-13.39	56.00	22.60	9.69	10.32	QP
11	5.71	31.69	-18.31	50.00	11.60	9.73	10.36	Average
12	5.71	45.69	-14.31	60.00	25.60	9.73	10.36	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C Radiated Spurious Emission

Test Engineer :	Jia Kuang	Relative Humidity :	48~49%
		Temperature :	24-25℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	6	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	6	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	6	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	6	802.11a	52	5260	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	6	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	6	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	6	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	6	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	6	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	6	802.11n HT20	36	5180	MCS0	-	-
Mode 11	U-NII-1	5.15-5.25	6	802.11n HT20	44	5220	MCS0	-	-
Mode 12	U-NII-1	5.15-5.25	6	802.11n HT20	48	5240	MCS0	-	-
Mode 13	U-NII-2A	5.25-5.35	6	802.11n HT20	52	5260	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	6	802.11n HT20	60	5300	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	6	802.11n HT20	64	5320	MCS0	-	-
Mode 16	U-NII-2C	5.47-5.725	6	802.11n HT20	100	5500	MCS0	-	-
Mode 17	U-NII-2C	5.47-5.725	6	802.11n HT20	116	5580	MCS0	-	-
Mode 18	U-NII-2C	5.47-5.725	6	802.11n HT20	140	5700	MCS0	-	-
Mode 19	U-NII-1	5.15-5.25	6	802.11n HT40	38	5190	MCS0	-	-
Mode 20	U-NII-1	5.15-5.25	6	802.11n HT40	46	5230	MCS0	-	-
Mode 21	U-NII-2A	5.25-5.35	6	802.11n HT40	54	5270	MCS0	-	-
Mode 22	U-NII-2A	5.25-5.35	6	802.11n HT40	62	5310	MCS0	-	-
Mode 23	U-NII-2C	5.47-5.725	6	802.11n HT40	102	5510	MCS0	-	-
Mode 24	U-NII-2C	5.47-5.725	6	802.11n HT40	134	5670	MCS0	-	-
Mode 25	U-NII-1	5.15-5.25	6	802.11ac VHT80	42	5210	MCS0	-	-
Mode 26	U-NII-2A	5.25-5.35	6	802.11ac VHT80	58	5290	MCS0	-	-
Mode 27	U-NII-2C	5.47-5.725	6	802.11ac VHT80	106	5530	MCS0	-	-
Mode 28	U-NII-2C	5.47-5.725	6	802.11ac VHT80	122	5610	MCS0	-	-
Mode 29	U-NII-2C	5.47-5.725	6	802.11a	144	5720	6Mbps	-	-
Mode 30	U-NII-2C	5.47-5.725	6	802.11n HT20	144	5720	MCS0	Full RU	-
Mode 31	U-NII-2C	5.47-5.725	6	802.11n HT40	142	5710	MCS0	Full RU	-
Mode 32	U-NII-2C	5.47-5.725	6	802.11ac VHT80	138	5690	MCS0	Full RU	-
Mode 33	U-NII-3	5.725-5.85	6	802.11a	149	5745	6Mbps	-	-
Mode 34	U-NII-3	5.725-5.85	6	802.11a	157	5785	6Mbps	-	-
Mode 35	U-NII-3	5.725-5.85	6	802.11a	165	5825	6Mbps	-	-
Mode 36	U-NII-3	5.725-5.85	6	802.11n HT20	149	5745	MCS0	-	-
Mode 37	U-NII-3	5.725-5.85	6	802.11n HT20	157	5785	MCS0	-	-
Mode 38	U-NII-3	5.725-5.85	6	802.11n HT20	165	5825	MCS0	-	-



Mode 39	U-NII-3	5.725-5.85	6	802.11n HT40	151	5755	MCS0	-	-
Mode 40	U-NII-3	5.725-5.85	6	802.11n HT40	159	5795	MCS0	-	-
Mode 41	U-NII-3	5.725-5.85	6	802.11ac VHT80	155	5775	MCS0	-	-
Mode 42	U-NII-1/2A/2C	5.15-5.25	6	802.11ac VHT80	42	5210	MCS0	-	LF
Mode 43	U-NII-3	5.725-5.85	6	802.11ac VHT80	155	5775	MCS0	-	LF
Mode 44	Co-TX	5.15-5.25	6	802.11ac VHT80	42	5210	MCS0	-	-
		LTE B48 Link							
Mode 45	Co-TX	2.4-2.4835	6	Bluetooth-LE	38	2478	2M	-	-
		5.15-5.25	6	802.11ac VHT80	42	5210	MCS0	-	-
		LTE B48 Link							

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.99	50.24	54.00	-3.76	H	AVERAGE	Pass	Band Edge
1	802.11a	36	15540.00	48.80	54.00	-5.20	V	Average	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	15660.00	47.70	54.00	-6.30	V	Average	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	15720.00	46.61	54.00	-7.39	V	Average	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	15780.00	46.80	54.00	-7.20	V	Average	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	15900.00	46.65	54.00	-7.35	V	Average	Pass	Harmonic
6	802.11a	64	5350.17	50.21	54.00	-3.79	H	AVERAGE	Pass	Band Edge
6	802.11a	64	15960.00	46.03	54.00	-7.97	V	Average	Pass	Harmonic
7	802.11a	100	5469.63	63.92	68.30	-4.38	H	PEAK	Pass	Band Edge
7	802.11a	100	16500.00	56.08	68.30	-12.22	V	Peak	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	16740.00	55.25	68.30	-13.05	V	Peak	Pass	Harmonic
9	802.11a	140	5725.26	63.23	68.30	-5.07	V	PEAK	Pass	Band Edge
9	802.11a	140	17100.00	55.65	68.30	-12.65	V	Peak	Pass	Harmonic
10	802.11n HT20	36	5149.99	50.77	54.00	-3.23	H	AVERAGE	Pass	Band Edge
10	802.11n HT20	36	15540.00	47.79	54.00	-6.21	V	Average	Pass	Harmonic
11	802.11n HT20	44	-	-	-	-	-	-	-	Band Edge
11	802.11n HT20	44	15660.00	47.65	54.00	-6.35	V	Average	Pass	Harmonic
12	802.11n HT20	48	-	-	-	-	-	-	-	Band Edge
12	802.11n HT20	48	15720.00	47.50	54.00	-6.50	V	Average	Pass	Harmonic
13	802.11n HT20	52	-	-	-	-	-	-	-	Band Edge
13	802.11n HT20	52	15780.00	47.52	54.00	-6.48	V	Average	Pass	Harmonic
14	802.11n HT20	60	-	-	-	-	-	-	-	Band Edge
14	802.11n HT20	60	15900.00	47.30	54.00	-6.70	V	Average	Pass	Harmonic
15	802.11n HT20	64	5351.01	50.46	54.00	-3.54	H	AVERAGE	Pass	Band Edge
15	802.11n HT20	64	15960.00	46.74	54.00	-7.26	V	Average	Pass	Harmonic
16	802.11n HT20	100	5469.63	62.52	68.30	-5.78	H	PEAK	Pass	Band Edge

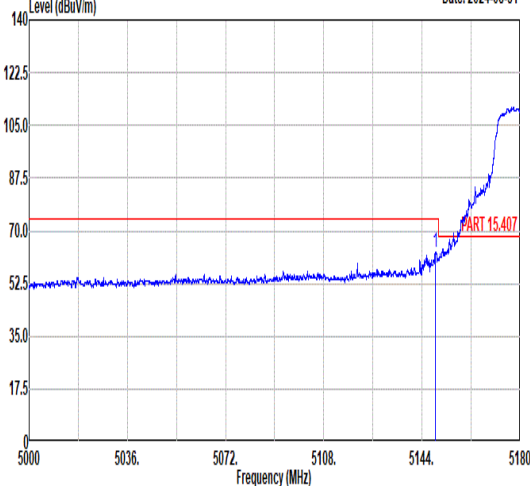
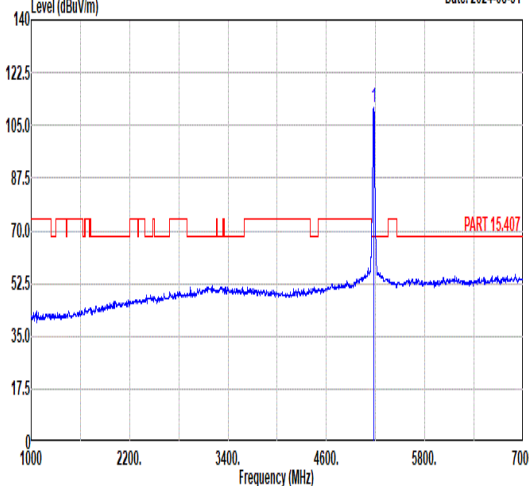
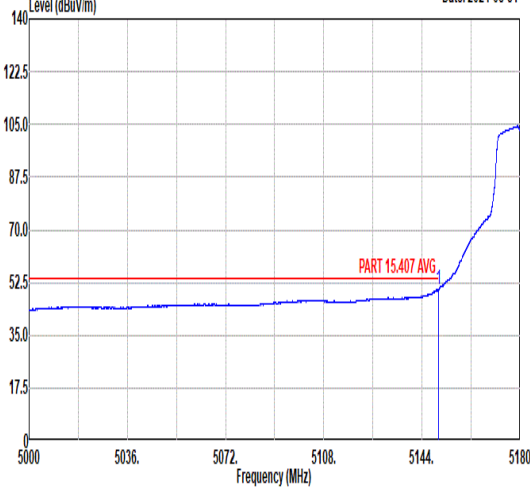
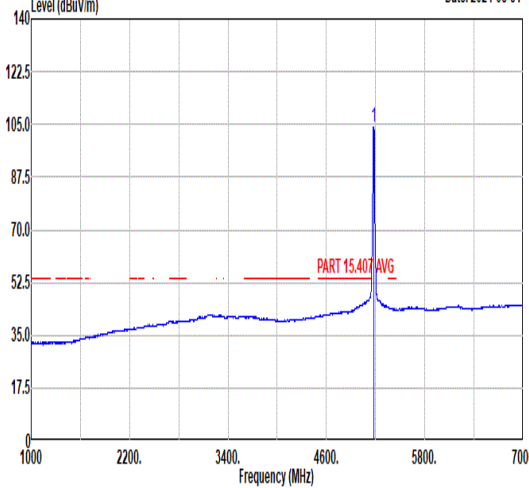


16	802.11n HT20	100	16500.00	56.64	68.30	-11.66	V	Peak	Pass	Harmonic
17	802.11n HT20	116	-	-	-	-	-	-	-	Band Edge
17	802.11n HT20	116	16740.00	55.91	68.30	-12.39	V	Peak	Pass	Harmonic
18	802.11n HT20	140	5729.22	64.49	68.30	-3.81	V	PEAK	Pass	Band Edge
18	802.11n HT20	140	17100.00	56.15	68.30	-12.15	V	Peak	Pass	Harmonic
19	802.11n HT40	38	5149.99	50.45	54.00	-3.55	H	AVERAGE	Pass	Band Edge
19	802.11n HT40	38	-	-	-	-	-	-	-	Harmonic
20	802.11n HT40	46	5149.64	46.18	54.00	-7.82	H	AVERAGE	Pass	Band Edge
20	802.11n HT40	46	-	-	-	-	-	-	-	Harmonic
21	802.11n HT40	54	5356.93	45.48	54.00	-8.52	H	AVERAGE	Pass	Band Edge
21	802.11n HT40	54	-	-	-	-	-	-	-	Harmonic
22	802.11n HT40	62	5350.13	50.59	54.00	-3.41	H	AVERAGE	Pass	Band Edge
22	802.11n HT40	62	-	-	-	-	-	-	-	Harmonic
23	802.11n HT40	102	5469.30	64.57	68.30	-3.73	H	PEAK	Pass	Band Edge
23	802.11n HT40	102	-	-	-	-	-	-	-	Harmonic
24	802.11n HT40	134	5730.28	61.02	68.30	-7.28	H	PEAK	Pass	Band Edge
24	802.11n HT40	134	-	-	-	-	-	-	-	Harmonic
25	802.11ac VHT80	42	5149.65	50.97	54.00	-3.03	H	AVERAGE	Pass	Band Edge
25	802.11ac VHT80	42	10420.00	48.03	68.30	-20.27	V	Peak	Pass	Harmonic
26	802.11ac VHT80	58	5350.01	50.73	54.00	-3.27	H	AVERAGE	Pass	Band Edge
26	802.11ac VHT80	58	-	-	-	-	-	-	-	Harmonic
27	802.11ac VHT80	106	5459.35	50.32	54.00	-3.68	H	AVERAGE	Pass	Band Edge
27	802.11ac VHT80	106	-	-	-	-	-	-	-	Harmonic
28	802.11ac VHT80	122	5456.21	46.26	54.00	-7.74	H	AVERAGE	Pass	Band Edge
28	802.11ac VHT80	122	-	-	-	-	-	-	-	Harmonic
29	802.11a	144	5438.55	42.36	54.00	-11.64	H	Average	Pass	Band Edge
29	802.11a	144	17160.00	47.89	68.30	-20.41	H	Peak	Pass	Harmonic
30	802.11n HT20	144	5441.30	42.49	54.00	-11.51	H	Average	Pass	Band Edge
30	802.11n HT20	144	17160.00	47.14	68.30	-21.16	V	Peak	Pass	Harmonic
31	802.11n HT40	142	5459.45	43.34	54.00	-10.66	H	Average	Pass	Band Edge
31	802.11n HT40	142	-	-	-	-	-	-	-	Harmonic
32	802.11ac VHT80	138	5452.85	45.22	54.00	-8.78	H	Average	Pass	Band Edge
32	802.11ac VHT80	138	-	-	-	-	-	-	-	Harmonic
33	802.11a	149	-	-	-	-	-	-	-	Band Edge
33	802.11a	149	17235.00	47.57	68.30	-20.73	H	Peak	Pass	Harmonic
34	802.11a	157	-	-	-	-	-	-	-	Band Edge
34	802.11a	157	17355.00	47.71	68.30	-20.59	V	Peak	Pass	Harmonic
35	802.11a	165	-	-	-	-	-	-	-	Band Edge
35	802.11a	165	17475.00	48.05	68.30	-20.25	V	Peak	Pass	Harmonic
36	802.11n HT20	149	5649.66	54.83	68.30	-13.47	H	PEAK	Pass	Band Edge
36	802.11n HT20	149	17235.00	47.68	68.30	-20.62	H	Peak	Pass	Harmonic
37	802.11n HT20	157	-	-	-	-	-	-	-	Band Edge
37	802.11n HT20	157	17355.00	47.59	68.30	-20.71	V	Peak	Pass	Harmonic
38	802.11n HT20	165	5942.08	53.79	68.30	-14.51	H	PEAK	Pass	Band Edge
38	802.11n HT20	165	17475.00	47.52	68.30	-20.78	V	Peak	Pass	Harmonic
39	802.11n HT40	151	5645.03	56.98	68.30	-11.32	H	PEAK	Pass	Band Edge



39	802.11n HT40	151	-	-	-	-	-	-	-	Harmonic
40	802.11n HT40	159	5641.15	55.91	68.30	-12.39	V	PEAK	Pass	Band Edge
40	802.11n HT40	159	-	-	-	-	-	-	-	Harmonic
41	802.11ac VHT80	155	5647.16	57.07	68.30	-11.23	H	PEAK	Pass	Band Edge
41	802.11ac VHT80	155	17325.00	47.80	68.30	-20.50	V	Peak	Pass	Harmonic
42	802.11ac VHT80	42	65.89	24.27	40.00	-15.73	V	Peak	Pass	LF
43	802.11ac VHT80	155	63.95	24.32	40.00	-15.68	V	Peak	Pass	LF
44	CO-TX	-	5149.98	50.72	54.00	-3.28	H	AVERAGE	Pass	Band Edge
		-	10420.00	47.12	68.30	-21.18	H	Peak	Pass	Harmonic
45	CO-TX	-	5149.98	50.34	54.00	-3.66	H	AVERAGE	Pass	Band Edge
		-	10420.00	47.64	68.30	-20.66	V	Peak	Pass	Harmonic

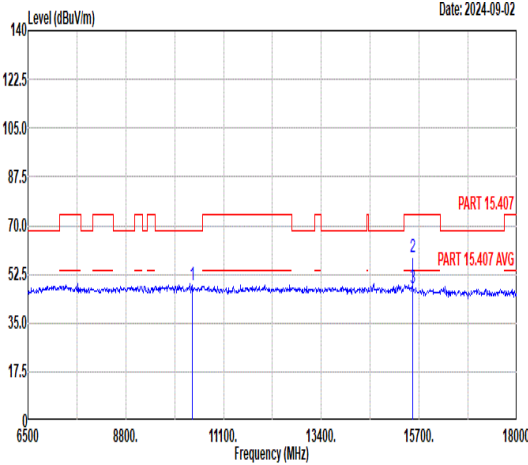
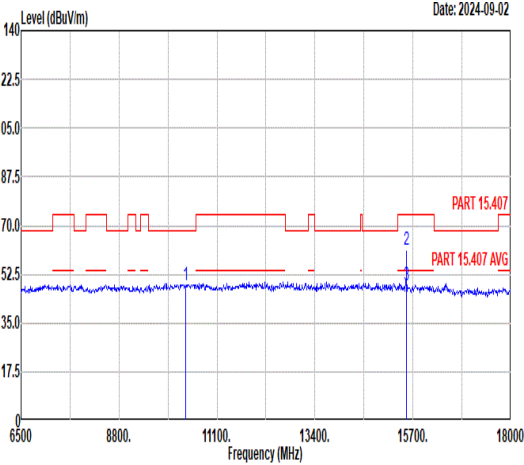


		1																																																																																												
Mode		Band Edge																																																																																												
		U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																																																												
ANT		6																																																																																												
Pol.		Horizontal					Fundamental																																																																																							
Peak	Level (dBuV/m) Date: 2024-08-31  Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5148.97</td><td>62.94</td><td>74.00</td><td>-11.06</td><td>48.76</td><td>34.87</td><td>11.09</td><td>31.78</td><td>149 357 PEAK</td></tr></table>										Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5148.97	62.94	74.00	-11.06	48.76	34.87	11.09	31.78	149 357 PEAK	Level (dBuV/m) Date: 2024-08-31  Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>110.71</td><td>-----</td><td>-----</td><td>96.58</td><td>34.87</td><td>11.07</td><td>31.81</td><td>149 357 PEAK</td></tr></table>										Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5180.00	110.71	-----	-----	96.58	34.87	11.07	31.81	149 357 PEAK
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																					
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																																							
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	5148.97	62.94	74.00	-11.06	48.76	34.87	11.09	31.78	149 357 PEAK																																																																																					
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																						
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																																							
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	5180.00	110.71	-----	-----	96.58	34.87	11.07	31.81	149 357 PEAK																																																																																					
Avg	Level (dBuV/m) Date: 2024-08-31  Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.99</td><td>50.24</td><td>54.00</td><td>-3.76</td><td>36.07</td><td>34.87</td><td>11.08</td><td>31.78</td><td>149 357 AVERAGE</td></tr></table>										Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5149.99	50.24	54.00	-3.76	36.07	34.87	11.08	31.78	149 357 AVERAGE	Level (dBuV/m) Date: 2024-08-31  Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>104.25</td><td>-----</td><td>-----</td><td>90.14</td><td>34.86</td><td>11.07</td><td>31.82</td><td>149 357 AVERAGE</td></tr></table>										Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5180.00	104.25	-----	-----	90.14	34.86	11.07	31.82	149 357 AVERAGE
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																					
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																																							
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	5149.99	50.24	54.00	-3.76	36.07	34.87	11.08	31.78	149 357 AVERAGE																																																																																					
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																						
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																																							
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	5180.00	104.25	-----	-----	90.14	34.86	11.07	31.82	149 357 AVERAGE																																																																																					

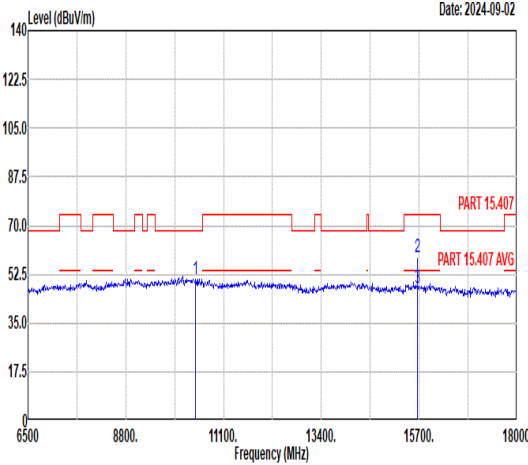
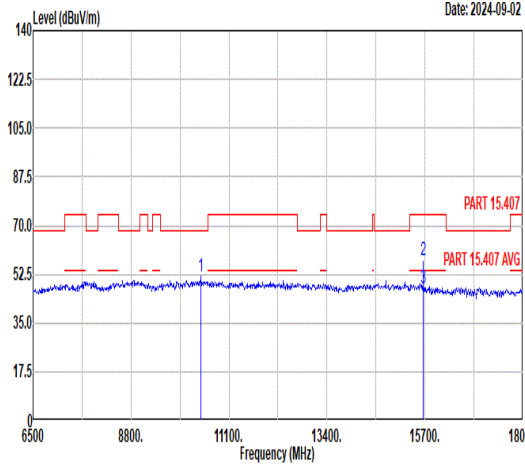


Mode	1																																																																									
	Band Edge																																																																									
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																																									
ANT	6																																																																									
Pol.	Vertical	Fundamental																																																																								
Peak	Level (dBuV/m) Date: 2024-08-31 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5148.25</td><td>60.26</td><td>74.00</td><td>-13.74</td><td>46.08</td><td>34.87</td><td>11.09</td><td>31.78</td><td>384 270 PEAK</td></tr></table>	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 5148.25	60.26	74.00	-13.74	46.08	34.87	11.09	31.78	384 270 PEAK	Level (dBuV/m) Date: 2024-08-31 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5180.00</td><td>109.16</td><td>-----</td><td>-----</td><td>95.05</td><td>34.86</td><td>11.07</td><td>31.82</td><td>384 270 PEAK</td></tr></table>	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 5180.00	109.16	-----	-----	95.05	34.86	11.07	31.82	384 270 PEAK
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																	
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																			
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1 5148.25	60.26	74.00	-13.74	46.08	34.87	11.09	31.78	384 270 PEAK																																																																		
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																		
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																			
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1 5180.00	109.16	-----	-----	95.05	34.86	11.07	31.82	384 270 PEAK																																																																		
Avg	Level (dBuV/m) Date: 2024-08-31 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5149.99</td><td>48.19</td><td>54.00</td><td>-5.81</td><td>34.02</td><td>34.87</td><td>11.08</td><td>31.78</td><td>384 270 AVERAGE</td></tr></table>	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 5149.99	48.19	54.00	-5.81	34.02	34.87	11.08	31.78	384 270 AVERAGE	Level (dBuV/m) Date: 2024-08-31 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5180.00</td><td>102.23</td><td>-----</td><td>-----</td><td>88.10</td><td>34.87</td><td>11.07</td><td>31.81</td><td>384 270 AVERAGE</td></tr></table>	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 5180.00	102.23	-----	-----	88.10	34.87	11.07	31.81	384 270 AVERAGE
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																		
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																			
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1 5149.99	48.19	54.00	-5.81	34.02	34.87	11.08	31.78	384 270 AVERAGE																																																																		
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																		
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																			
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1 5180.00	102.23	-----	-----	88.10	34.87	11.07	31.81	384 270 AVERAGE																																																																		

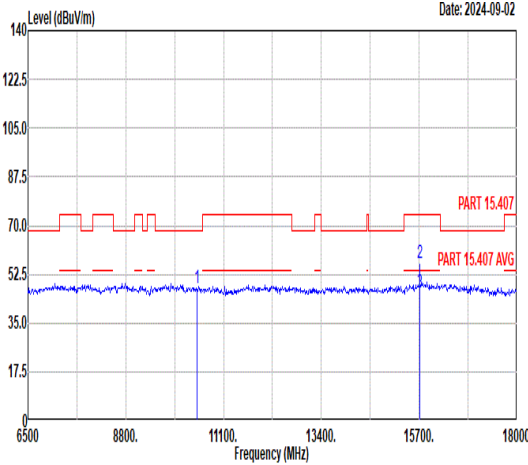
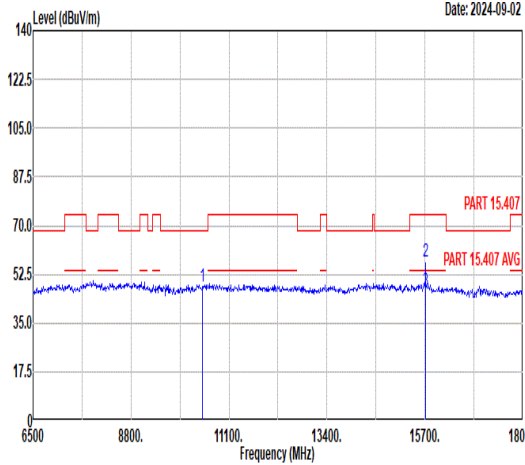


Mode	1																																																																																																																																										
	Harmonic																																																																																																																																										
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																																																																																																										
ANT	6																																																																																																																																										
Pol.	Horizontal										Vertical																																																																																																																																
Peak Avg																																																																																																																																											
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>48.59</td><td>68.30</td><td>-19.71</td><td>45.77</td><td>39.44</td><td>14.15</td><td>50.77</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>58.78</td><td>74.00</td><td>-15.22</td><td>51.54</td><td>41.82</td><td>16.85</td><td>51.43</td><td>212</td><td>320</td><td>Peak</td></tr><tr><td>3</td><td>15540.00</td><td>47.39</td><td>54.00</td><td>-6.61</td><td>40.15</td><td>41.82</td><td>16.85</td><td>51.43</td><td>212</td><td>320</td><td>Average</td></tr></table>											Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	48.59	68.30	-19.71	45.77	39.44	14.15	50.77	---	---	Peak	2	15540.00	58.78	74.00	-15.22	51.54	41.82	16.85	51.43	212	320	Peak	3	15540.00	47.39	54.00	-6.61	40.15	41.82	16.85	51.43	212	320	Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>48.71</td><td>68.30</td><td>-19.59</td><td>45.89</td><td>39.44</td><td>14.15</td><td>50.77</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>61.10</td><td>74.00</td><td>-12.90</td><td>53.86</td><td>41.82</td><td>16.85</td><td>51.43</td><td>211</td><td>360</td><td>Peak</td></tr><tr><td>3</td><td>15540.00</td><td>48.80</td><td>54.00</td><td>-5.20</td><td>41.56</td><td>41.82</td><td>16.85</td><td>51.43</td><td>211</td><td>360</td><td>Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	48.71	68.30	-19.59	45.89	39.44	14.15	50.77	---	---	Peak	2	15540.00	61.10	74.00	-12.90	53.86	41.82	16.85	51.43	211	360	Peak	3	15540.00	48.80	54.00	-5.20	41.56	41.82	16.85	51.43	211	360	Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																			
	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																		
1	10360.00	48.59	68.30	-19.71	45.77	39.44	14.15	50.77	---	---	Peak																																																																																																																																
2	15540.00	58.78	74.00	-15.22	51.54	41.82	16.85	51.43	212	320	Peak																																																																																																																																
3	15540.00	47.39	54.00	-6.61	40.15	41.82	16.85	51.43	212	320	Average																																																																																																																																
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																				
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																		
1	10360.00	48.71	68.30	-19.59	45.89	39.44	14.15	50.77	---	---	Peak																																																																																																																																
2	15540.00	61.10	74.00	-12.90	53.86	41.82	16.85	51.43	211	360	Peak																																																																																																																																
3	15540.00	48.80	54.00	-5.20	41.56	41.82	16.85	51.43	211	360	Average																																																																																																																																

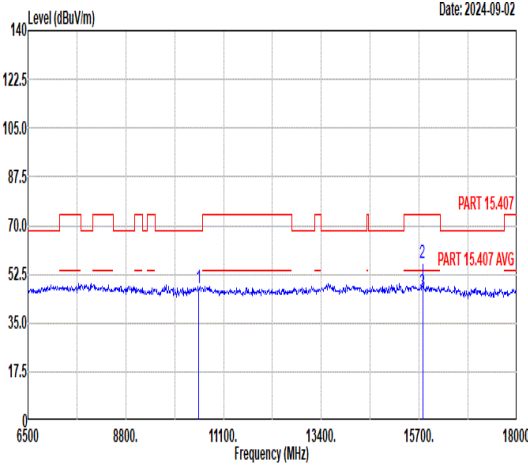
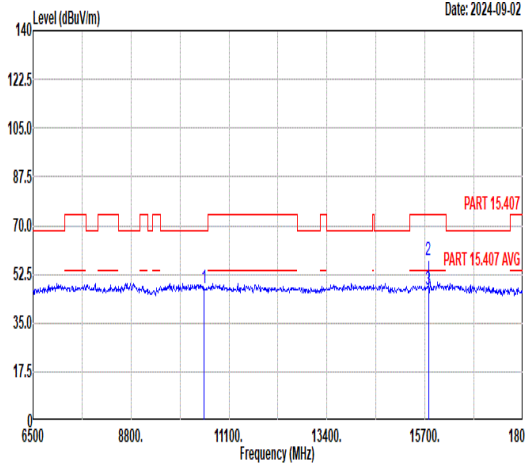


Mode	2																																																																																																																																									
	Harmonic																																																																																																																																									
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz																																																																																																																																									
ANT	6																																																																																																																																									
Pol.	Horizontal						Vertical																																																																																																																																			
Peak Avg																																																																																																																																										
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>10440.00</td><td>50.68</td><td>68.30</td><td>-17.62</td><td>47.79</td><td>39.48</td><td>14.20</td><td>50.79</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>15660.00</td><td>58.44</td><td>74.00</td><td>-15.56</td><td>51.13</td><td>41.90</td><td>16.94</td><td>51.53</td><td>203</td><td>337</td><td>Peak</td></tr><tr><td>3</td><td>15660.00</td><td>47.51</td><td>54.00</td><td>-6.49</td><td>40.20</td><td>41.90</td><td>16.94</td><td>51.53</td><td>203</td><td>337</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1	10440.00	50.68	68.30	-17.62	47.79	39.48	14.20	50.79	---	---	Peak	2	15660.00	58.44	74.00	-15.56	51.13	41.90	16.94	51.53	203	337	Peak	3	15660.00	47.51	54.00	-6.49	40.20	41.90	16.94	51.53	203	337	Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>10440.00</td><td>51.54</td><td>68.30</td><td>-16.76</td><td>48.65</td><td>39.48</td><td>14.20</td><td>50.79</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>15660.00</td><td>57.58</td><td>74.00</td><td>-16.42</td><td>50.27</td><td>41.90</td><td>16.94</td><td>51.53</td><td>238</td><td>360</td><td>Peak</td></tr><tr><td>3</td><td>15660.00</td><td>47.70</td><td>54.00</td><td>-6.30</td><td>40.39</td><td>41.90</td><td>16.94</td><td>51.53</td><td>238</td><td>360</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1	10440.00	51.54	68.30	-16.76	48.65	39.48	14.20	50.79	---	---	Peak	2	15660.00	57.58	74.00	-16.42	50.27	41.90	16.94	51.53	238	360	Peak	3	15660.00	47.70	54.00	-6.30	40.39	41.90	16.94	51.53	238	360	Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																		
	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																																																		
1	10440.00	50.68	68.30	-17.62	47.79	39.48	14.20	50.79	---	---	Peak																																																																																																																															
2	15660.00	58.44	74.00	-15.56	51.13	41.90	16.94	51.53	203	337	Peak																																																																																																																															
3	15660.00	47.51	54.00	-6.49	40.20	41.90	16.94	51.53	203	337	Average																																																																																																																															
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																			
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																																																		
1	10440.00	51.54	68.30	-16.76	48.65	39.48	14.20	50.79	---	---	Peak																																																																																																																															
2	15660.00	57.58	74.00	-16.42	50.27	41.90	16.94	51.53	238	360	Peak																																																																																																																															
3	15660.00	47.70	54.00	-6.30	40.39	41.90	16.94	51.53	238	360	Average																																																																																																																															

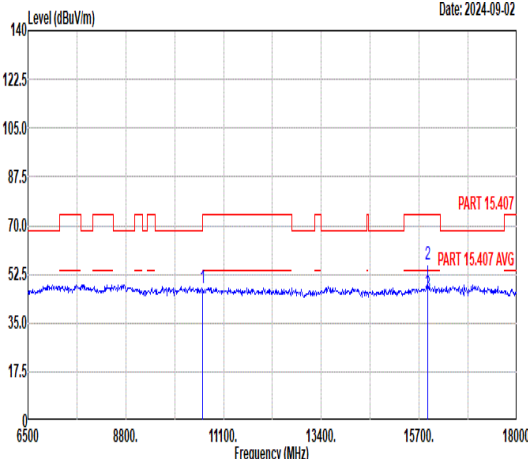
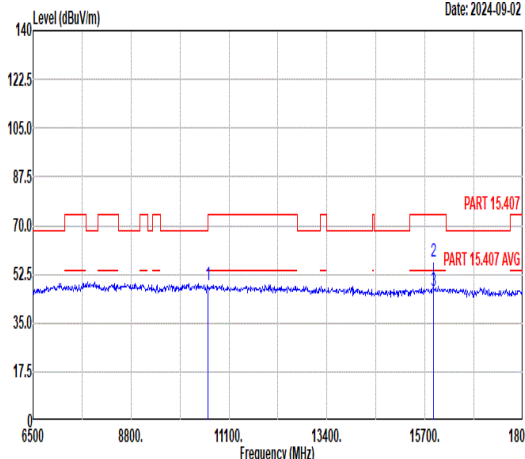


Mode	3																																																																																																																					
	Harmonic																																																																																																																					
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz																																																																																																																					
ANT	6																																																																																																																					
Pol.	Horizontal					Vertical																																																																																																																
Peak Avg																																																																																																																						
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 10480.00</td><td>47.61</td><td>68.30</td><td>-20.69</td><td>44.69</td><td>39.49</td><td>14.23</td><td>50.80</td><td>---</td></tr><tr><td>2 15720.00</td><td>56.47</td><td>74.00</td><td>-17.53</td><td>49.13</td><td>41.93</td><td>16.99</td><td>51.58</td><td>203 337 Peak</td></tr><tr><td>3 15720.00</td><td>46.08</td><td>54.00</td><td>-7.92</td><td>38.74</td><td>41.93</td><td>16.99</td><td>51.58</td><td>203 337 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1 10480.00	47.61	68.30	-20.69	44.69	39.49	14.23	50.80	---	2 15720.00	56.47	74.00	-17.53	49.13	41.93	16.99	51.58	203 337 Peak	3 15720.00	46.08	54.00	-7.92	38.74	41.93	16.99	51.58	203 337 Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 10480.00</td><td>48.02</td><td>68.30</td><td>-20.28</td><td>45.10</td><td>39.49</td><td>14.23</td><td>50.80</td><td>---</td></tr><tr><td>2 15720.00</td><td>57.18</td><td>74.00</td><td>-16.82</td><td>49.84</td><td>41.93</td><td>16.99</td><td>51.58</td><td>238 360 Peak</td></tr><tr><td>3 15720.00</td><td>46.61</td><td>54.00</td><td>-7.39</td><td>39.27</td><td>41.93</td><td>16.99</td><td>51.58</td><td>238 360 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1 10480.00	48.02	68.30	-20.28	45.10	39.49	14.23	50.80	---	2 15720.00	57.18	74.00	-16.82	49.84	41.93	16.99	51.58	238 360 Peak	3 15720.00	46.61	54.00	-7.39	39.27	41.93	16.99	51.58	238 360 Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																														
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																														
1 10480.00	47.61	68.30	-20.69	44.69	39.49	14.23	50.80	---																																																																																																														
2 15720.00	56.47	74.00	-17.53	49.13	41.93	16.99	51.58	203 337 Peak																																																																																																														
3 15720.00	46.08	54.00	-7.92	38.74	41.93	16.99	51.58	203 337 Average																																																																																																														
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																														
1 10480.00	48.02	68.30	-20.28	45.10	39.49	14.23	50.80	---																																																																																																														
2 15720.00	57.18	74.00	-16.82	49.84	41.93	16.99	51.58	238 360 Peak																																																																																																														
3 15720.00	46.61	54.00	-7.39	39.27	41.93	16.99	51.58	238 360 Average																																																																																																														

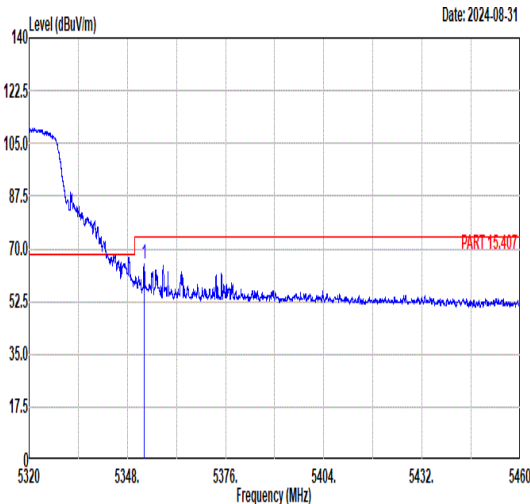
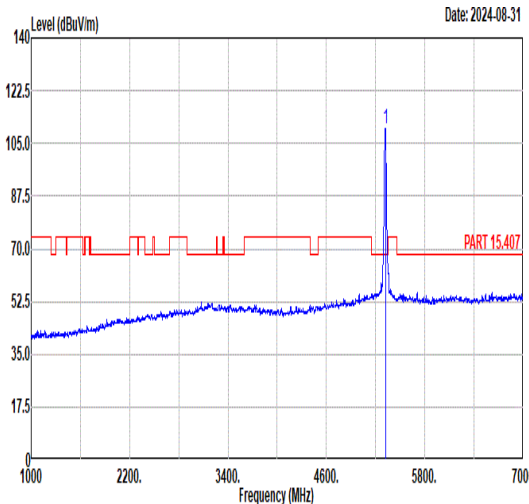
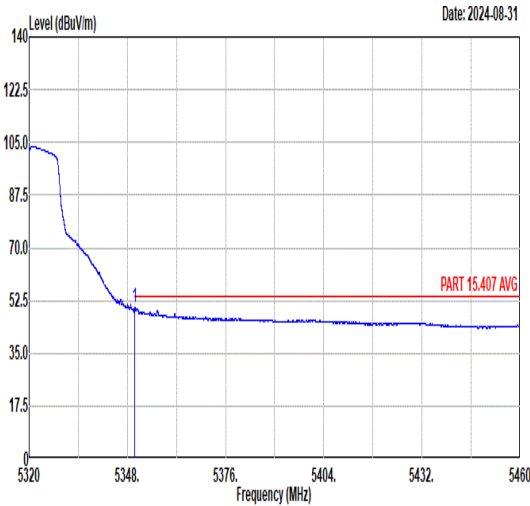
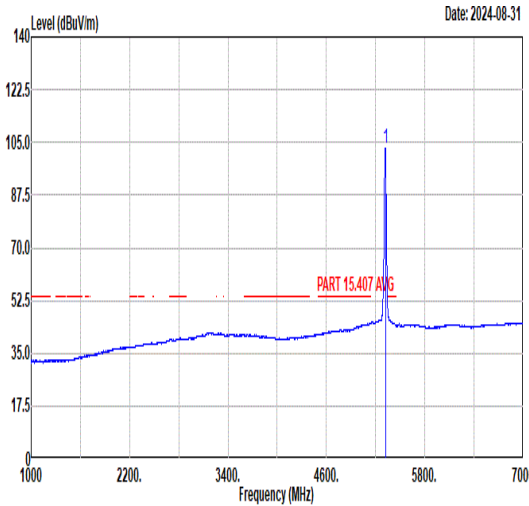


Mode	4																																																																																																																					
	Harmonic																																																																																																																					
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz																																																																																																																					
ANT	6																																																																																																																					
Pol.	Horizontal					Vertical																																																																																																																
Peak Avg																																																																																																																						
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 10520.00</td><td>47.61</td><td>68.30</td><td>-20.69</td><td>44.66</td><td>39.50</td><td>14.25</td><td>50.80</td><td>---</td></tr><tr><td>2 15780.00</td><td>56.75</td><td>74.00</td><td>-17.25</td><td>49.37</td><td>41.97</td><td>17.04</td><td>51.63</td><td>205 340 Peak</td></tr><tr><td>3 15780.00</td><td>46.16</td><td>54.00</td><td>-7.84</td><td>38.78</td><td>41.97</td><td>17.04</td><td>51.63</td><td>205 340 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1 10520.00	47.61	68.30	-20.69	44.66	39.50	14.25	50.80	---	2 15780.00	56.75	74.00	-17.25	49.37	41.97	17.04	51.63	205 340 Peak	3 15780.00	46.16	54.00	-7.84	38.78	41.97	17.04	51.63	205 340 Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 10520.00</td><td>47.56</td><td>68.30</td><td>-20.74</td><td>44.61</td><td>39.50</td><td>14.25</td><td>50.80</td><td>---</td></tr><tr><td>2 15780.00</td><td>57.78</td><td>74.00</td><td>-16.22</td><td>50.40</td><td>41.97</td><td>17.04</td><td>51.63</td><td>238 360 Peak</td></tr><tr><td>3 15780.00</td><td>46.80</td><td>54.00</td><td>-7.20</td><td>39.42</td><td>41.97</td><td>17.04</td><td>51.63</td><td>238 360 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	1 10520.00	47.56	68.30	-20.74	44.61	39.50	14.25	50.80	---	2 15780.00	57.78	74.00	-16.22	50.40	41.97	17.04	51.63	238 360 Peak	3 15780.00	46.80	54.00	-7.20	39.42	41.97	17.04	51.63	238 360 Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																														
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																														
1 10520.00	47.61	68.30	-20.69	44.66	39.50	14.25	50.80	---																																																																																																														
2 15780.00	56.75	74.00	-17.25	49.37	41.97	17.04	51.63	205 340 Peak																																																																																																														
3 15780.00	46.16	54.00	-7.84	38.78	41.97	17.04	51.63	205 340 Average																																																																																																														
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm																																																																																																														
1 10520.00	47.56	68.30	-20.74	44.61	39.50	14.25	50.80	---																																																																																																														
2 15780.00	57.78	74.00	-16.22	50.40	41.97	17.04	51.63	238 360 Peak																																																																																																														
3 15780.00	46.80	54.00	-7.20	39.42	41.97	17.04	51.63	238 360 Average																																																																																																														

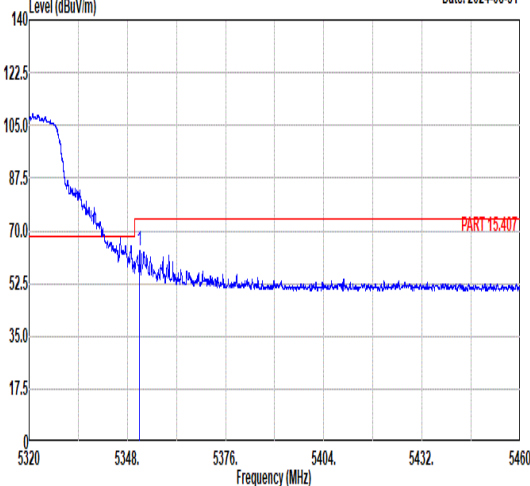
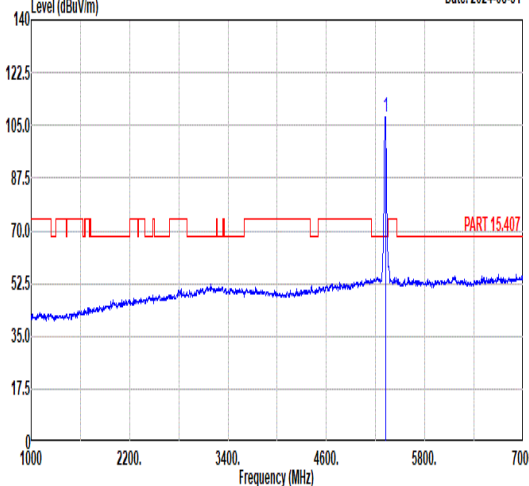
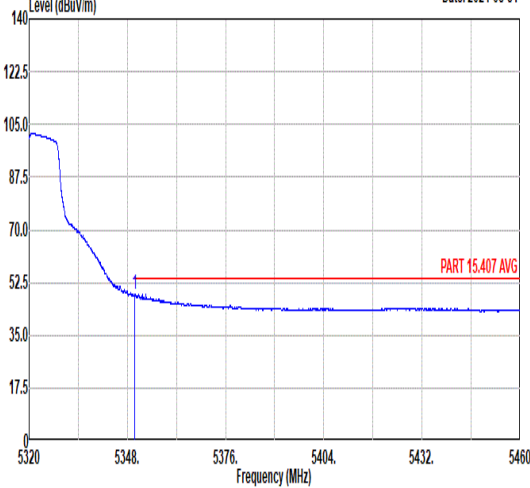
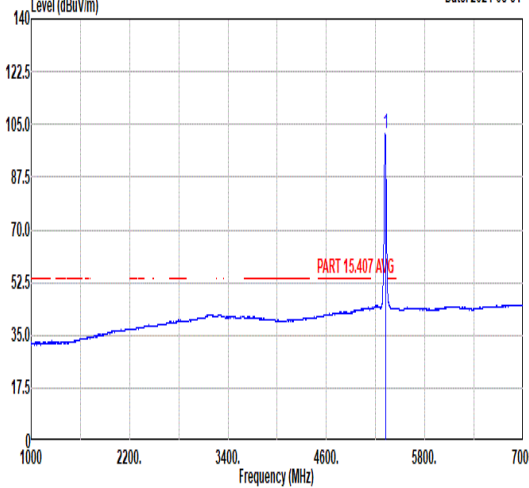


Mode	5																																																																																																																					
	Harmonic																																																																																																																					
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz																																																																																																																					
ANT	6																																																																																																																					
Pol.	Horizontal					Vertical																																																																																																																
Peak Avg																																																																																																																						
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th></th></tr><tr><td>1</td><td>10600.00</td><td>47.79</td><td>74.00</td><td>-26.21</td><td>44.81</td><td>39.48</td><td>14.30</td><td>50.80 --- Peak</td></tr><tr><td>2</td><td>15900.00</td><td>55.81</td><td>74.00</td><td>-18.19</td><td>48.35</td><td>42.04</td><td>17.14</td><td>51.72 210 337 Peak</td></tr><tr><td>3</td><td>15900.00</td><td>45.60</td><td>54.00</td><td>-8.40</td><td>38.14</td><td>42.04</td><td>17.14</td><td>51.72 210 337 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB		1	10600.00	47.79	74.00	-26.21	44.81	39.48	14.30	50.80 --- Peak	2	15900.00	55.81	74.00	-18.19	48.35	42.04	17.14	51.72 210 337 Peak	3	15900.00	45.60	54.00	-8.40	38.14	42.04	17.14	51.72 210 337 Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th></th></tr><tr><td>1</td><td>10600.00</td><td>48.81</td><td>74.00</td><td>-25.19</td><td>45.83</td><td>39.48</td><td>14.30</td><td>50.80 --- Peak</td></tr><tr><td>2</td><td>15900.00</td><td>56.79</td><td>74.00</td><td>-17.21</td><td>49.33</td><td>42.04</td><td>17.14</td><td>51.72 240 360 Peak</td></tr><tr><td>3</td><td>15900.00</td><td>46.65</td><td>54.00</td><td>-7.35</td><td>39.19</td><td>42.04</td><td>17.14</td><td>51.72 240 360 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB		1	10600.00	48.81	74.00	-25.19	45.83	39.48	14.30	50.80 --- Peak	2	15900.00	56.79	74.00	-17.21	49.33	42.04	17.14	51.72 240 360 Peak	3	15900.00	46.65	54.00	-7.35	39.19	42.04	17.14	51.72 240 360 Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																														
	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB																																																																																																															
1	10600.00	47.79	74.00	-26.21	44.81	39.48	14.30	50.80 --- Peak																																																																																																														
2	15900.00	55.81	74.00	-18.19	48.35	42.04	17.14	51.72 210 337 Peak																																																																																																														
3	15900.00	45.60	54.00	-8.40	38.14	42.04	17.14	51.72 210 337 Average																																																																																																														
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB																																																																																																															
1	10600.00	48.81	74.00	-25.19	45.83	39.48	14.30	50.80 --- Peak																																																																																																														
2	15900.00	56.79	74.00	-17.21	49.33	42.04	17.14	51.72 240 360 Peak																																																																																																														
3	15900.00	46.65	54.00	-7.35	39.19	42.04	17.14	51.72 240 360 Average																																																																																																														



		6																																																																																		
Mode		Band Edge																																																																																		
		U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz																																																																																		
ANT		6																																																																																		
Pol.		Horizontal					Fundamental																																																																													
Peak	 Level (dBuV/m) Date: 2024-08-31 150 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 5320 5348 5376 5404 5432 5460 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5352.70</td><td>64.83</td><td>74.00</td><td>-9.17</td><td>51.09</td><td>34.83</td><td>10.94</td><td>32.03</td><td>150 354 PEAK</td></tr></table>					Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5352.70	64.83	74.00	-9.17	51.09	34.83	10.94	32.03	150 354 PEAK	 Level (dBuV/m) Date: 2024-08-31 150 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 1000 2200 3400 4600 5800 7000 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>110.02</td><td>-----</td><td>-----</td><td>96.20</td><td>34.84</td><td>10.97</td><td>31.99</td><td>150 354 PEAK</td></tr></table>					Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5320.00	110.02	-----	-----	96.20	34.84	10.97	31.99	150 354 PEAK
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																											
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																													
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																												
1	5352.70	64.83	74.00	-9.17	51.09	34.83	10.94	32.03	150 354 PEAK																																																																											
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																												
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																													
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																												
1	5320.00	110.02	-----	-----	96.20	34.84	10.97	31.99	150 354 PEAK																																																																											
Avg	 Level (dBuV/m) Date: 2024-08-31 150 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 5320 5348 5376 5404 5432 5460 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.17</td><td>50.21</td><td>54.00</td><td>-3.79</td><td>36.47</td><td>34.83</td><td>10.94</td><td>32.03</td><td>150 354 AVERAGE</td></tr></table>					Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5350.17	50.21	54.00	-3.79	36.47	34.83	10.94	32.03	150 354 AVERAGE	 Level (dBuV/m) Date: 2024-08-31 150 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 1000 2200 3400 4600 5800 7000 Frequency (MHz) <table><tr><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>103.22</td><td>-----</td><td>-----</td><td>89.40</td><td>34.84</td><td>10.97</td><td>31.99</td><td>150 354 AVERAGE</td></tr></table>					Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5320.00	103.22	-----	-----	89.40	34.84	10.97	31.99	150 354 AVERAGE
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																												
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																													
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																												
1	5350.17	50.21	54.00	-3.79	36.47	34.83	10.94	32.03	150 354 AVERAGE																																																																											
Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																												
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor																																																																													
MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																												
1	5320.00	103.22	-----	-----	89.40	34.84	10.97	31.99	150 354 AVERAGE																																																																											



		6																																																																																								
Mode		Band Edge																																																																																								
		U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz																																																																																								
ANT		6																																																																																								
Pol.		Vertical					Fundamental																																																																																			
Peak	Level (dBuV/m) Date: 2024-08-31  140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 532053485376540454325460 Frequency (MHz) <table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5351.43</td><td>63.56</td><td>74.00</td><td>-10.44</td><td>49.82</td><td>34.83</td><td>10.94</td><td>32.03</td><td>380 271 PEAK</td></tr></table>						Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5351.43	63.56	74.00	-10.44	49.82	34.83	10.94	32.03	380 271 PEAK	Level (dBuV/m) Date: 2024-08-31  140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 100022003400460058007000 Frequency (MHz) <table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>108.01</td><td>-----</td><td>-----</td><td>94.19</td><td>34.84</td><td>10.97</td><td>31.99</td><td>380 271 PEAK</td></tr></table>						Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5320.00	108.01	-----	-----	94.19	34.84	10.97	31.99	380 271 PEAK
		Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos																																																																																	
Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark																																																																																	
	MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																	
1	5351.43	63.56	74.00	-10.44	49.82	34.83	10.94	32.03	380 271 PEAK																																																																																	
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos																																																																																		
Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark																																																																																	
	MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																	
1	5320.00	108.01	-----	-----	94.19	34.84	10.97	31.99	380 271 PEAK																																																																																	
Avg	Level (dBuV/m) Date: 2024-08-31  140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 532053485376540454325460 Frequency (MHz) <table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.04</td><td>48.83</td><td>54.00</td><td>-5.17</td><td>35.09</td><td>34.83</td><td>10.94</td><td>32.03</td><td>380 271 AVERAGE</td></tr></table>						Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5350.04	48.83	54.00	-5.17	35.09	34.83	10.94	32.03	380 271 AVERAGE	Level (dBuV/m) Date: 2024-08-31  140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 100022003400460058007000 Frequency (MHz) <table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>101.72</td><td>-----</td><td>-----</td><td>87.90</td><td>34.84</td><td>10.97</td><td>31.99</td><td>380 271 AVERAGE</td></tr></table>						Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5320.00	101.72	-----	-----	87.90	34.84	10.97	31.99	380 271 AVERAGE
		Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos																																																																																	
Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark																																																																																	
	MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																	
1	5350.04	48.83	54.00	-5.17	35.09	34.83	10.94	32.03	380 271 AVERAGE																																																																																	
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos																																																																																		
Freq	Level	Line	(dB)	Level	Factor	Loss Factor			Remark																																																																																	
	MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																	
1	5320.00	101.72	-----	-----	87.90	34.84	10.97	31.99	380 271 AVERAGE																																																																																	