



RADIO TEST REPORT

Applicant	:	Guangzhou FIIO Electronics Technology Co., Ltd.
Address of Applicant	:	No.21, Longliang Road, Xialiang Village, Longgui Street, Baiyun District, Guangzhou, Guangdong, P.R. China
Manufacturer	:	Guangzhou FIIO Electronics Technology Co., Ltd.
Address of Manufacturer	:	No.21, Longliang Road, Xialiang Village, Longgui Street, Baiyun District, Guangzhou, Guangdong, P.R. China
Equipment under Test	:	Streaming Amplifier
Model No.	:	F3001A, F3002A, F3003A, F3004A, F3005A
FCC ID	:	R56-FC3002
Test Standard(s)	:	47 CFR Part 15 Subpart E, ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01
Report No.	:	DDT-RE26051409-1E04
Issue Date	:	2026/08/17
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

Applicant	:	Guangzhou FIIO Electronics Technology Co., Ltd.
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Equipment under Test	:	Streaming Amplifier
Model No.	:	F3001A, F3002A, F3003A, F3004A, F3005A
Manufacturer	:	Guangzhou FIIO Electronics Technology Co., Ltd.
Address of Manufacturer	:	No.21, Longliang Road, Xialiang Village, Longgui Street, Baiyun District, Guangzhou, Guangdong, P.R. China

Test Standard Used:
47 CFR Part 15 Subpart E,
ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024,
789033 D02 General U-NII Test Procedures New Rules v02r01,
662911 D01 Multiple Transmitter Output v02r01

We Declare:
The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE26051409-1E04		
Date of Receipt:	2026/05/19	Date of Test:	2026/05/19 - 2026/07/30

Created: Zoe Peng	Reviewed: Bobo Chen	Approved: Ella Gong
		
2026/07/31	2026/08/17	2026/08/17

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2026/08/17	Ella Gong

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6/26db Bandwidth and 99% Bandwidth	47 CFR Part 15 15.407 (e), RSS-247 Clause 7.3.4.2	/	Pass
2	Output Power	47 CFR Part 15 15.407 (a), RSS-247 Clause 7.3.1.2	/	Pass
3	Power Spectral Density	47 CFR Part 15 15.407 (a), RSS-247 Clause 7.3.1.2	/	Pass
4	Frequency Stability Measurement	47 CFR Part 15 15.407 (g)	/	Pass
5	Radiated Emission	47 CFR Part 15 15.407 (b), 47 CFR Part 15 15.209, 47 CFR Part 15 15.205	/	Pass
6	Band Edge Compliance	47 CFR Part 15 15.407 (b), 47 CFR Part 15 15.209, 47 CFR Part 15 15.205	/	Pass
7	Power Line Conducted Emissions	47 CFR Part 15 15.207(a)	/	Pass
8	Antenna Requirement	47 CFR Part 15.203	/	Pass
9	Dynamic Frequency Selection	47 CFR Part 15 15.407 (h)	/	Pass

Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.

2. General Test Information

2.1. Description of EUT

EUT Name	: Streaming Amplifier
Model Number	: F3001A, F3002A, F3003A, F3004A, F3005A
Difference of model number	: All models are identical except the appearance and model, therefore the test performed on the model F3001A
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 48V/5A from external AC/DC Adapter
Antenna Type	: FPC Antenna
Max Antenna Gain(dBi)	: 8.16

Radio Technology	: IEEE 802.11a/n/ac
Operation frequency	: U-NII-1: 5180 MHz to 5240 MHz U-NII-2A: 5260 MHz to 5320 MHz U-NII-2C: 5500 MHz to 5720 MHz U-NII-3: 5745 MHz to 5825 MHz
Modulation	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)

Channel information					
IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-1					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	/	/
44	5220	/	/	/	/
48	5240	/	/	/	/
UNII-2A					
52	5260	54	5270	58	5290
56	5280	62	5310	/	/
60	5300	/	/	/	/
64	5320	/	/	/	/
UNII-2C					
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690 (Straddle)
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	142	5710 (Straddle)	/	/

124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
136	5680	/	/	/	/
140	5700	/	/	/	/
144	5720 (Straddle)	/	/	/	/
UNII-3					
149	5745	151	5755	155	5775
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/

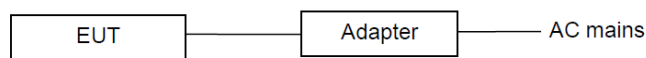
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

“☒” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
AC/DC ADAPTER	Merryking	ESA-48000500AE	Input: 100-240V~ 50/60Hz Output: DC 48.0V 5.0A

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

Test software: SecureCRT.exe

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

The pathloss of external cable: 2 dB (According to the manufacturer's claims)

Tested mode, Tx Power Setting, Data rate, Channel, and Frequency				
Tested mode	Tx Power Setting	Data rate (Mbps) (see Note)	Test Channel	Frequency (MHz)

IEEE 802.11a	12	6	LCH: CH36	5180
	12	6	MCH: CH40	5200
	12	6	HCH: CH48	5240
	12	6	LCH: CH52	5260
	12	6	MCH: CH56	5280
	12	6	HCH: CH64	5320
	12	6	LCH: CH100	5500
	12	6	MCH: CH116	5580
	12	6	HCH: CH140	5700
	12	6	Straddle: CH144	5720
	12	6	LCH: CH149	5745
	12	6	MCH: CH157	5785
	12	6	HCH: CH165	5825
IEEE 802.11n HT20	12	MCS 0	LCH: CH36	5180
	12	MCS 0	MCH: CH40	5200
	12	MCS 0	HCH: CH48	5240
	12	MCS 0	LCH: CH52	5260
	12	MCS 0	MCH: CH56	5280
	12	MCS 0	HCH: CH64	5320
	12	MCS 0	LCH: CH100	5500
	12	MCS 0	MCH: CH116	5580
	12	MCS 0	HCH: CH140	5700
	12	MCS 0	Straddle: CH144	5720
	12	MCS 0	LCH: CH149	5745
	12	MCS 0	MCH: CH157	5785
	12	MCS 0	HCH: CH165	5825
IEEE 802.11n HT40	11	MCS 0	LCH: CH38	5190
	11	MCS 0	HCH: CH46	5230
	11	MCS 0	LCH: CH54	5270
	11	MCS 0	HCH: CH62	5310
	11	MCS 0	LCH: CH102	5510
	11	MCS 0	MCH: CH110	5550
	11	MCS 0	HCH: CH134	5670
	11	MCS 0	Straddle: CH142	5710
	11	MCS 0	LCH: CH151	5755
	11	MCS 0	HCH: CH159	5795
IEEE 802.11ac VHT20	12	MCS 0	LCH: CH36	5180
	12	MCS 0	MCH: CH40	5200
	12	MCS 0	HCH: CH48	5240
	12	MCS 0	LCH: CH52	5260

	12	MCS 0	MCH: CH56	5280
	12	MCS 0	HCH: CH64	5320
	12	MCS 0	LCH: CH100	5500
	12	MCS 0	MCH: CH116	5580
	12	MCS 0	HCH: CH140	5700
	12	MCS 0	Straddle: CH144	5720
	12	MCS 0	LCH: CH149	5745
	12	MCS 0	MCH: CH157	5785
	12	MCS 0	HCH: CH165	5825
IEEE 802.11 ac VHT40	12	MCS 0	LCH: CH38	5190
	12	MCS 0	HCH: CH46	5230
	12	MCS 0	LCH: CH54	5270
	12	MCS 0	HCH: CH62	5310
	12	MCS 0	LCH: CH102	5510
	12	MCS 0	MCH: CH110	5550
	12	MCS 0	HCH: CH134	5670
	12	MCS 0	Straddle: CH142	5710
	12	MCS 0	LCH: CH159	5755
IEEE 802.11ac VHT80	12	MCS 0	HCH: CH36	5795
	11	MCS 0	CH42	5210
	11	MCS 0	CH58	5290
	11	MCS 0	LCH: CH106	5530
	11	MCS 0	HCH: CH122	5610
	11	MCS 0	Straddle: CH138	5690
	11	MCS 0	CH155	5775
	Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.			

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	+15°C to +35 °C
Humidity range:	20% to 75%
Pressure range:	86 kPa to 106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

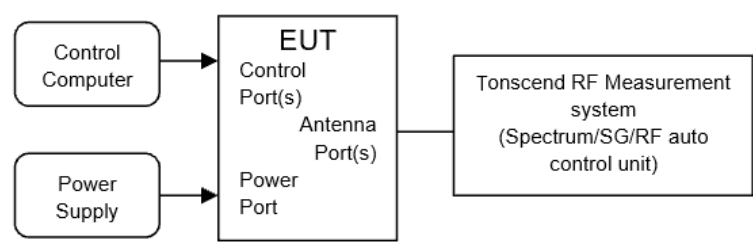
Test Item	Uncertainty
Bandwidth	1.9%
Peak Output Power (Conducted) (Spectrum analyzer)	0.98 dB
Peak Output Power (Conducted) (Power Sensor)	1.18 dB
Power Spectral Density (Base EIRP)	1.51 dB
Power Spectral Density (Spectrum analyzer)	0.98 dB
Frequencies Stability	1.9 kHz
Conducted spurious emissions	1.21 dB ($9\text{ kHz} \leq f < 7\text{ GHz}$);
	3.31 dB ($7\text{ GHz} \leq f < 40\text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	5.5×10^{-8}
Time	0.11%
Temperature	0.3 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.28 dB (Antenna Polarize: V)
	4.14 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.22 dB (1 - 6 GHz)
	4.52 dB (6 GHz - 18 GHz)
	4.58 dB (18 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.32dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☑RF Connected Test (RF Measurement System 5#)				
Spectrum Analyzer	R&S	FSV40-N	101903	2027/02/27
Wideband Radio Communication Tester	R&S	CMW500	132871	2027/01/15
EXG Vector Generator	Agilent	N5172B	MY53051914	2027/01/06
MXG Vector Signal Generator	Agilent	N5173B	MY62220219	2027/03/18
RF Control Unit	Tonscend	JS0806-2	23180620727	2027/03/17
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2027/02/27
Test Software	Tonscend	JS1120-3	V3.6.21	N/A

4. 26dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
26 dB Bandwidth	---	5150 - 5250
	---	5250 - 5350
	---	5470 - 5725

4.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	approximately 1% of the emission bandwidth.
VBW	> RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

4.4. Test result

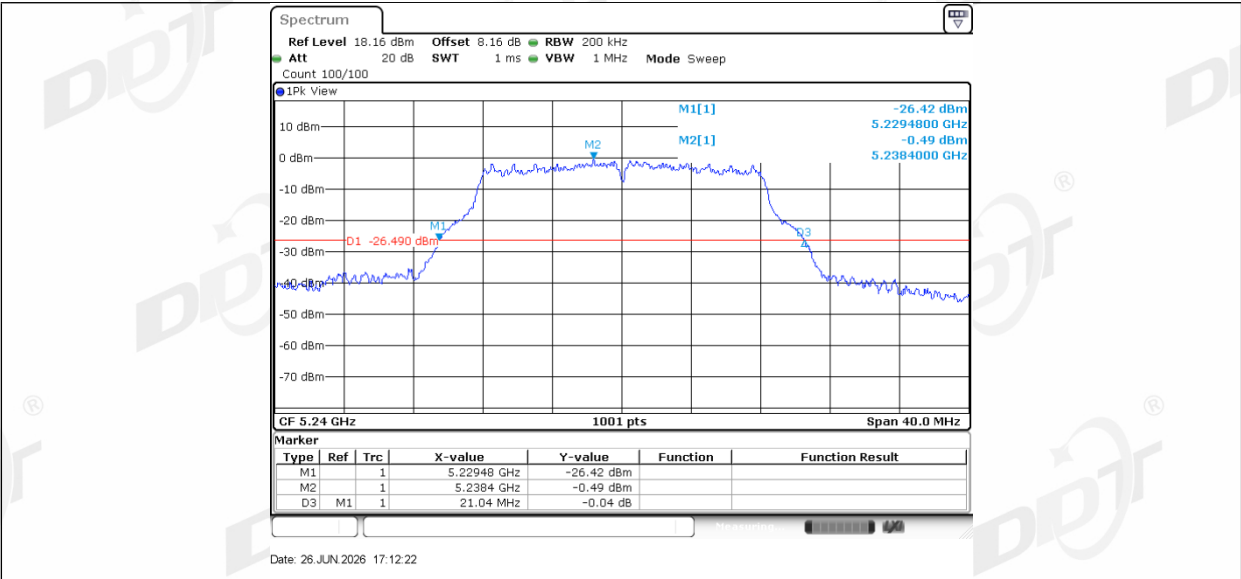
Test Engineer:	Tan Shaofeng	Test Site:	RF Test System 5#
Ambient Condition:	24.5-26.3℃,40.3-46.5%RH	Test Date:	2026.6.24-2026.7.11
Test Power Supply:	DC 48V	Sample Number:	S26051409-004

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.92	5169.56	5190.48	---	---
		5200	21.04	5189.44	5210.48	---	---
		5240	21.04	5229.48	5250.52	---	---
		5260	20.96	5249.52	5270.48	---	---
		5280	21.00	5269.48	5290.48	---	---
		5320	21.00	5309.52	5330.52	---	---
		5500	21.04	5489.48	5510.52	---	---
		5580	21.04	5569.48	5590.52	---	---
		5700	20.92	5689.56	5710.48	---	---
		5720	21.08	5709.52	5730.60	---	---
		5720 UNII-2C	15.48	5709.52	5725	---	---
		5720 UNII-3	5.6	5725	5730.60	---	---
		5745	21.08	5734.52	5755.60	---	---
		5785	21.12	5774.44	5795.56	---	---
		5825	21.12	5814.44	5835.56	---	---
11N20SISO	Ant1	5180	21.28	5169.40	5190.68	---	---
		5200	21.36	5189.40	5210.76	---	---
		5240	21.32	5229.36	5250.68	---	---
		5260	21.28	5249.44	5270.72	---	---
		5280	21.40	5269.36	5290.76	---	---
		5320	21.52	5309.32	5330.84	---	---
		5500	21.28	5489.40	5510.68	---	---
		5580	21.32	5569.40	5590.72	---	---
		5700	21.48	5689.20	5710.68	---	---
		5720	21.44	5709.36	5730.80	---	---
		5720 UNII-2C	15.64	5709.36	5725	---	---
		5720 UNII-3	5.8	5725	5730.80	---	---
		5745	21.32	5734.32	5755.64	---	---
		5785	21.48	5774.24	5795.72	---	---
		5825	21.56	5814.20	5835.76	---	---
11N40SISO	Ant1	5190	40.24	5169.92	5210.16	---	---
		5230	40.32	5210.00	5250.32	---	---
		5270	40.24	5249.92	5290.16	---	---
		5310	40.24	5289.92	5330.16	---	---
		5510	40.24	5489.84	5530.08	---	---
		5550	40.08	5530.08	5570.16	---	---
		5670	39.92	5650.16	5690.08	---	---
		5710	40.08	5690.08	5730.16	---	---
		5710 UNII-2C	34.92	5690.08	5725	---	---
		5710 UNII-3	5.16	5725	5730.16	---	---
		5755	40.16	5735.00	5775.16	---	---
		5795	40.24	5774.92	5815.16	---	---
11AC20SISO	Ant1	5180	21.28	5169.40	5190.68	---	---
		5200	21.52	5189.32	5210.84	---	---
		5240	21.52	5229.20	5250.72	---	---
		5260	21.20	5249.44	5270.64	---	---
		5280	21.40	5269.32	5290.72	---	---
		5320	21.36	5309.36	5330.72	---	---
		5500	21.32	5489.36	5510.68	---	---
		5580	21.56	5569.20	5590.76	---	---
		5700	21.40	5689.28	5710.68	---	---
		5720	21.36	5709.32	5730.68	---	---
		5720 UNII-2C	15.68	5709.32	5725	---	---
		5720 UNII-3	5.68	5725	5730.68	---	---
		5745	21.36	5734.36	5755.72	---	---

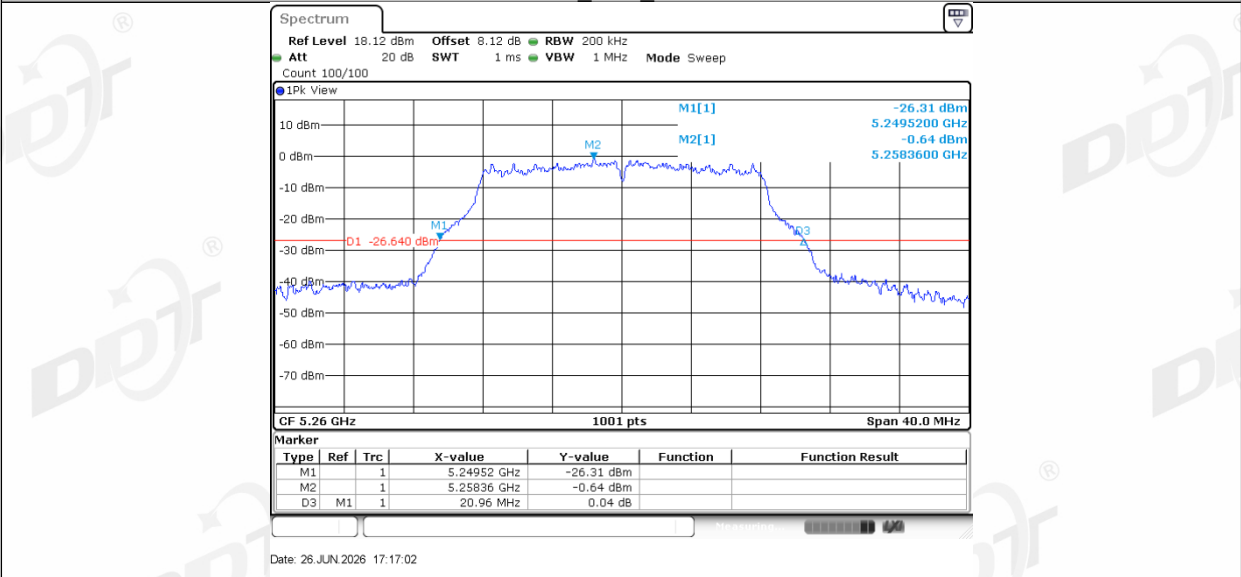
11AC40SIS O	Ant1	5785	21.60	5774.36	5795.96	---	---
		5825	21.40	5814.36	5835.76	---	---
		5190	40.32	5170.00	5210.32	---	---
		5230	40.24	5210.00	5250.24	---	---
		5270	40.16	5249.92	5290.08	---	---
		5310	41.28	5290.08	5331.36	---	---
		5510	41.76	5489.84	5531.60	---	---
		5550	40.16	5530.08	5570.24	---	---
		5670	40.08	5650.08	5690.16	---	---
		5710	40.00	5690.08	5730.08	---	---
		5710_UNII-2C	34.92	5690.08	5725	---	---
		5710_UNII-3	5.08	5725	5730.08	---	---
		5755	40.00	5735.08	5775.08	---	---
		5795	40.08	5775.00	5815.08	---	---
		5210	81.60	5169.36	5250.96	---	---
		5290	82.08	5249.04	5331.12	---	---
11AC80SIS O	Ant1	5530	81.76	5489.20	5570.96	---	---
		5610	81.44	5569.36	5650.80	---	---
		5690	82.08	5649.20	5731.28	---	---
		5690_UNII-2C	75.8	5649.20	5725	---	---
		5690_UNII-3	6.28	5725	5731.28	---	---
		5775	82.08	5734.20	5816.28	---	---

4.5. Test graphs

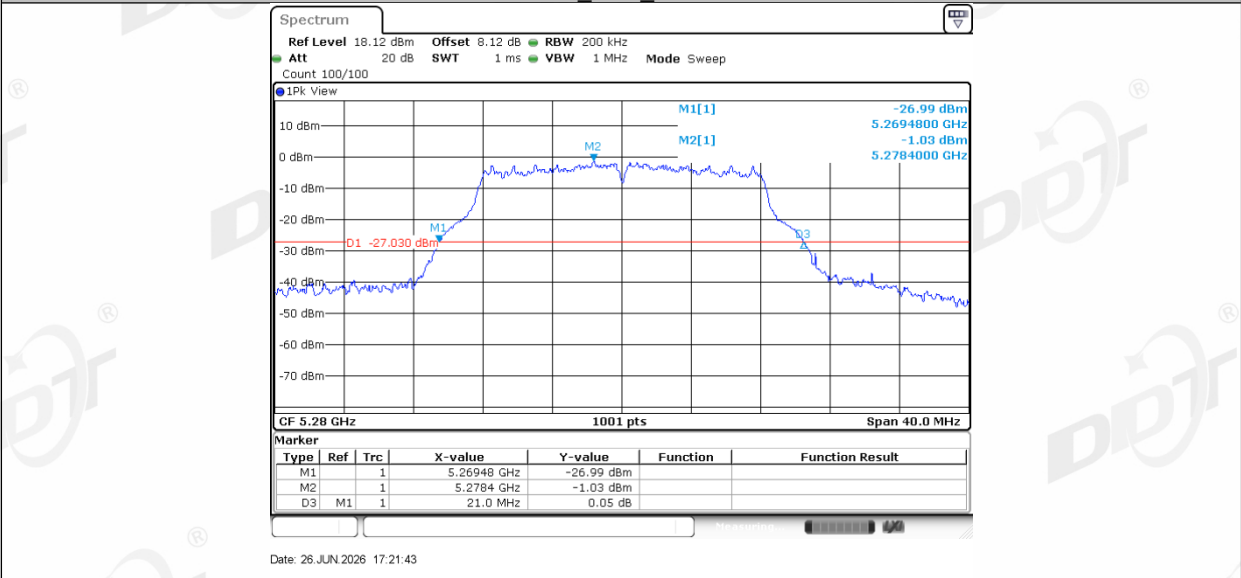




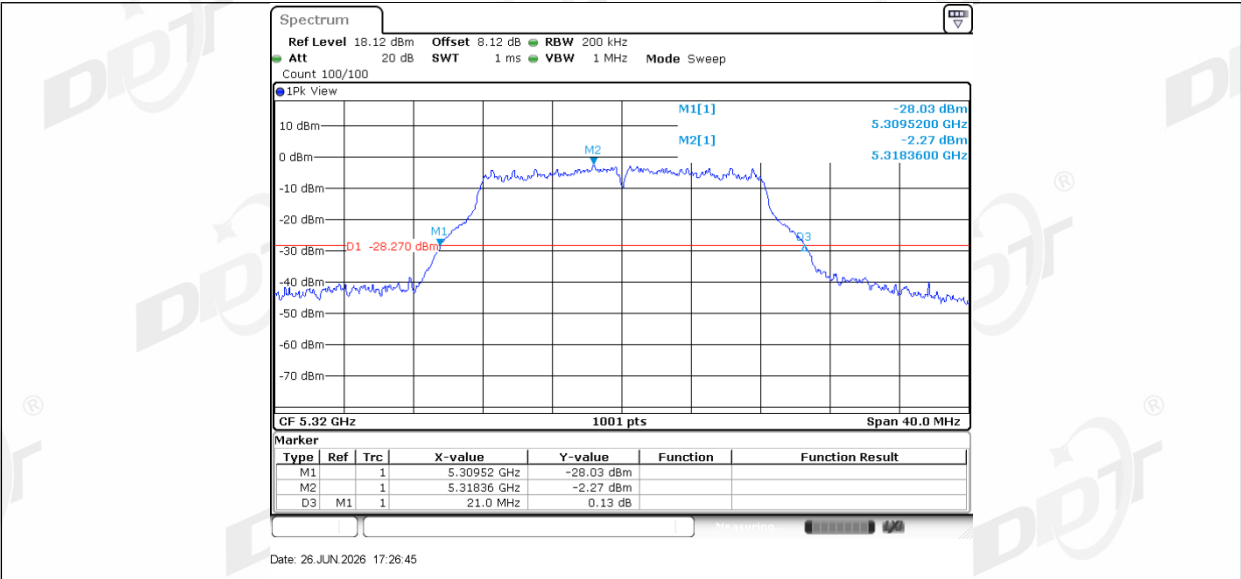
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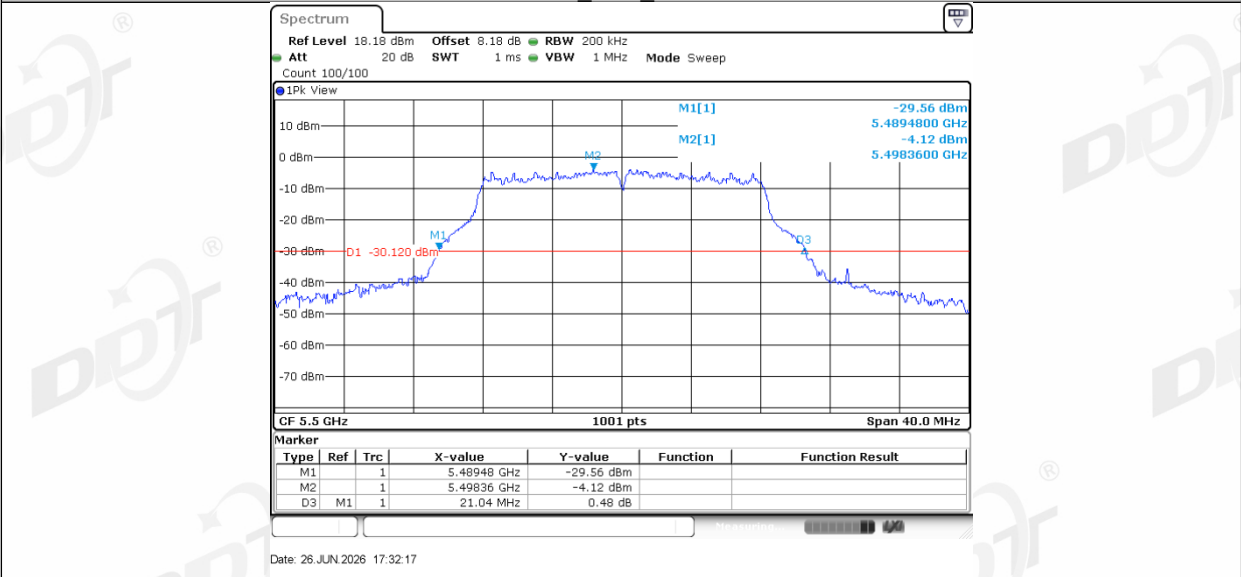
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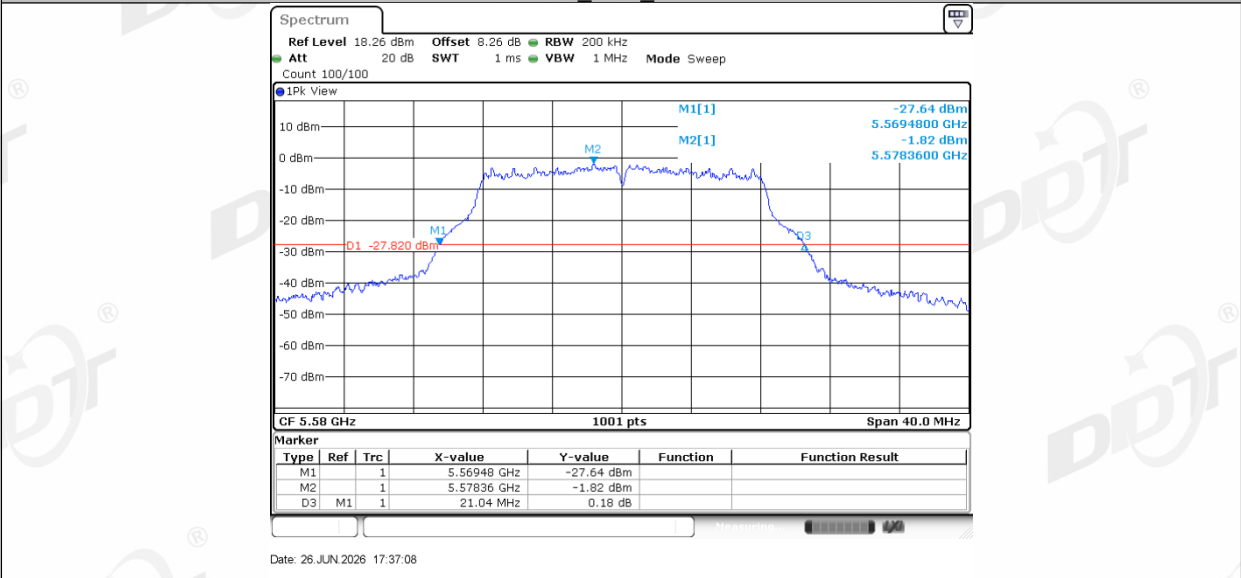
11A_Ant1_5320



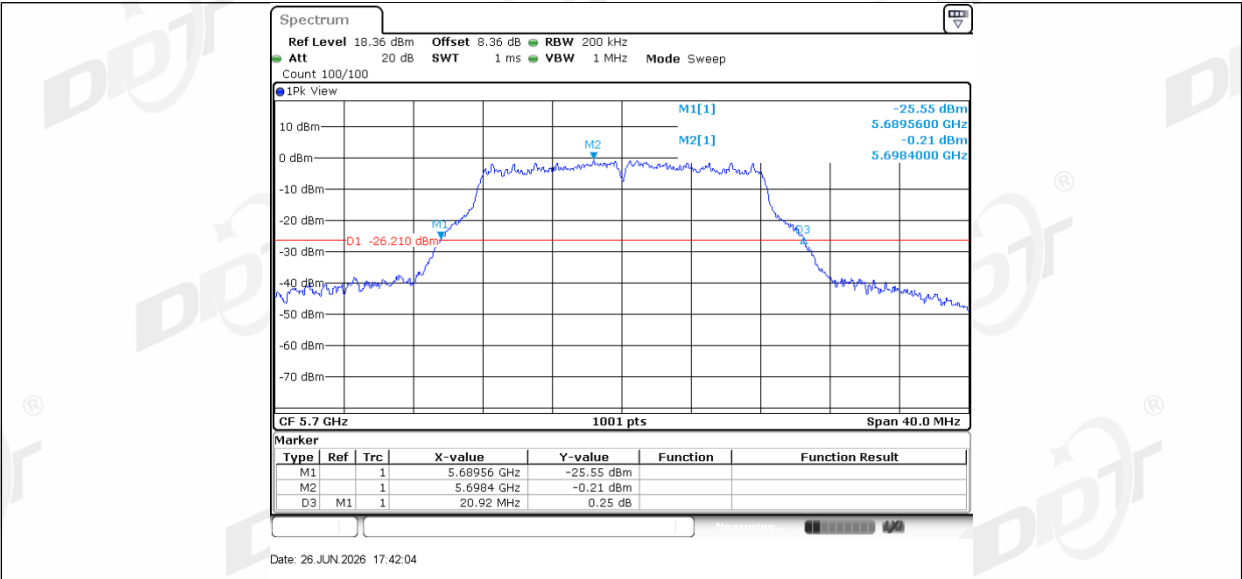
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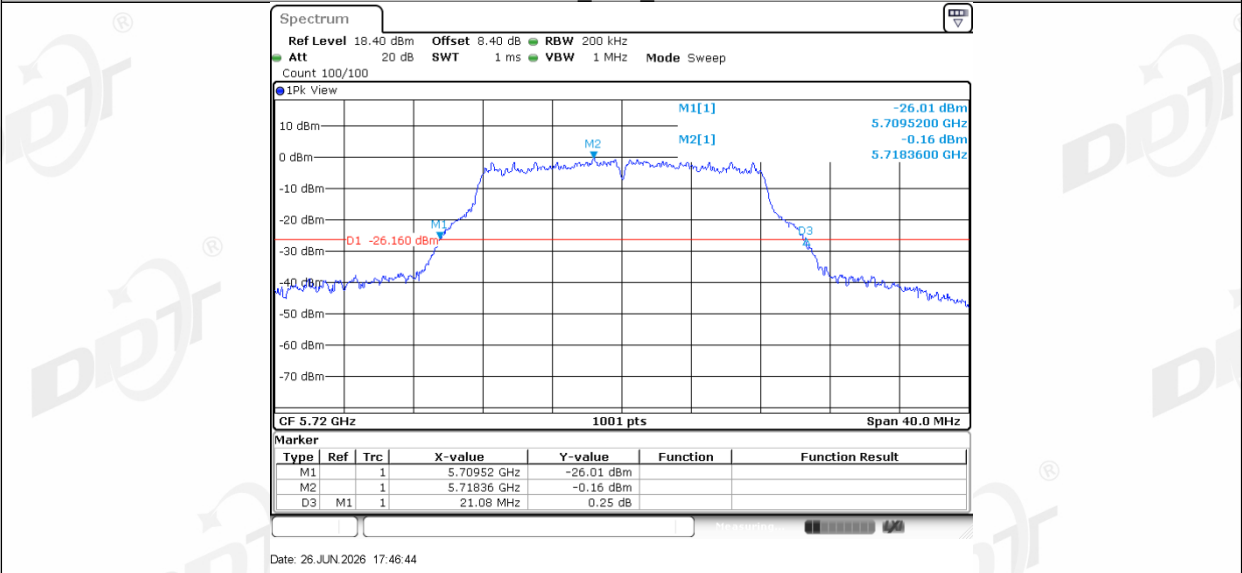
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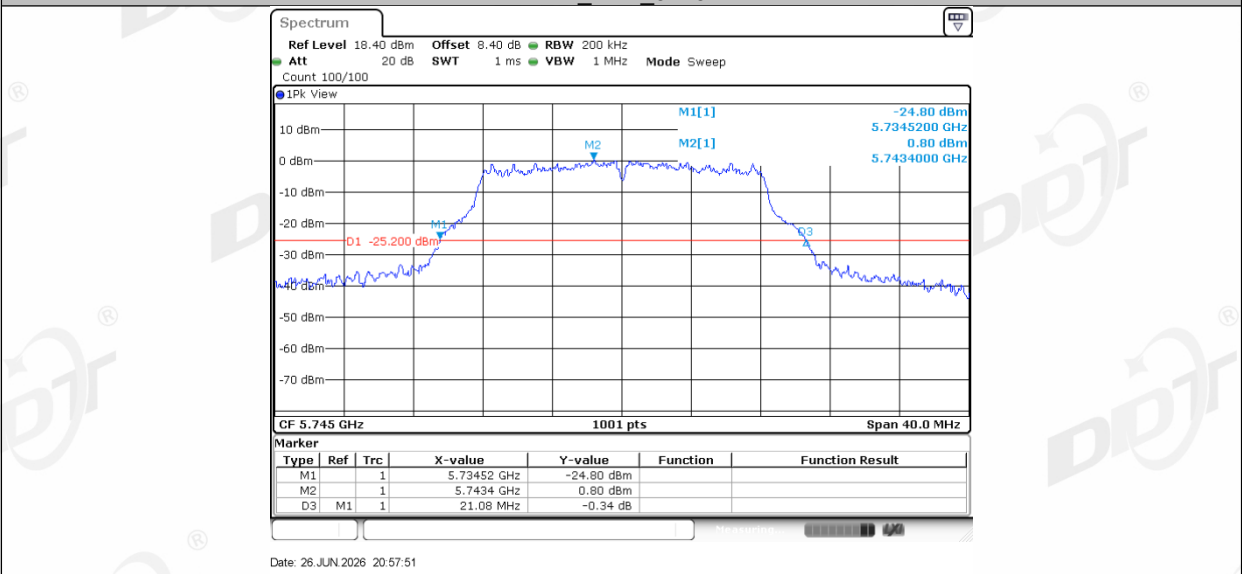
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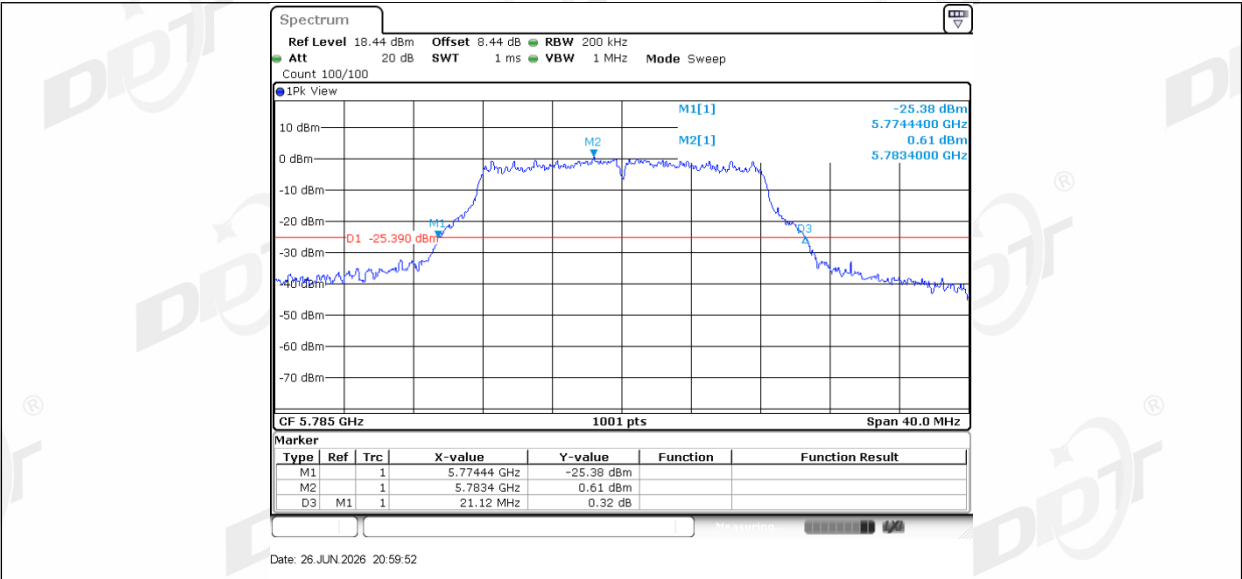
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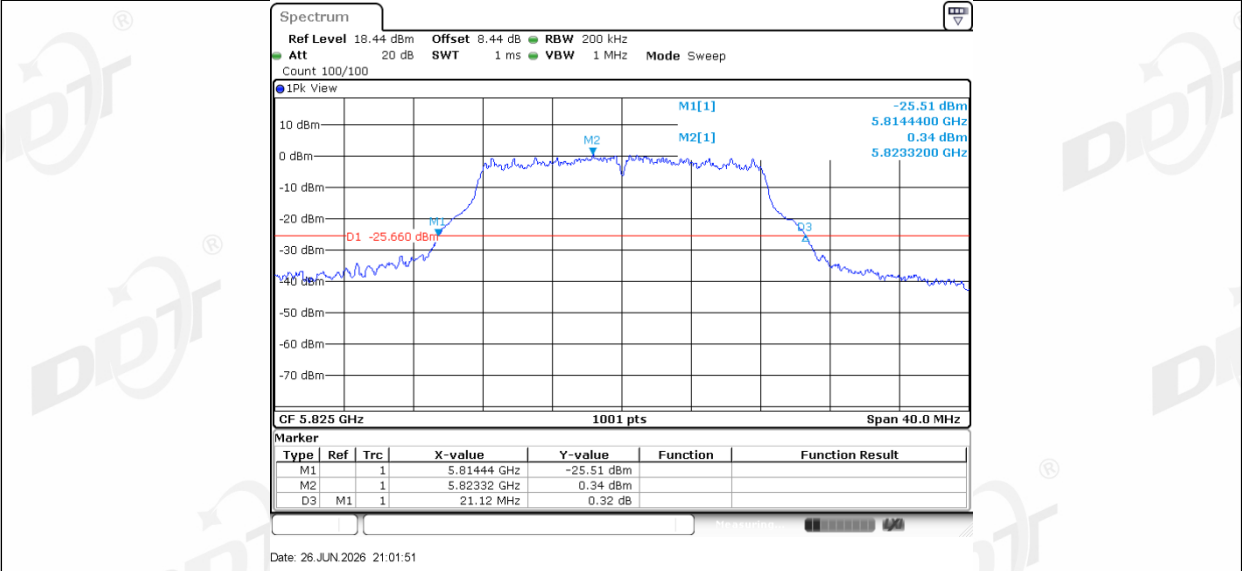
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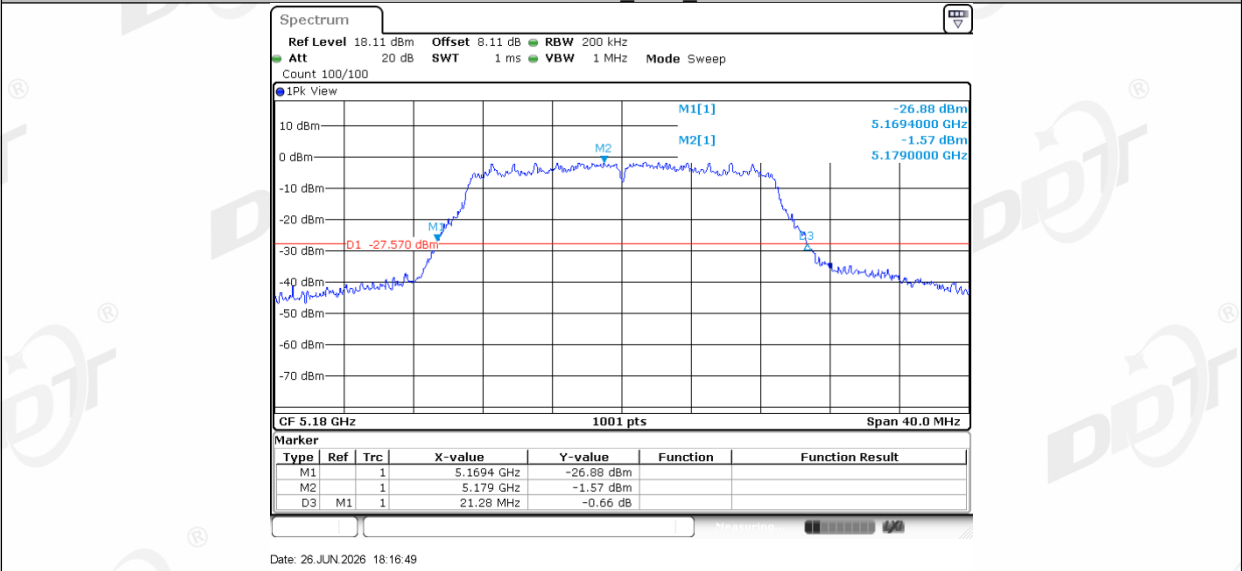
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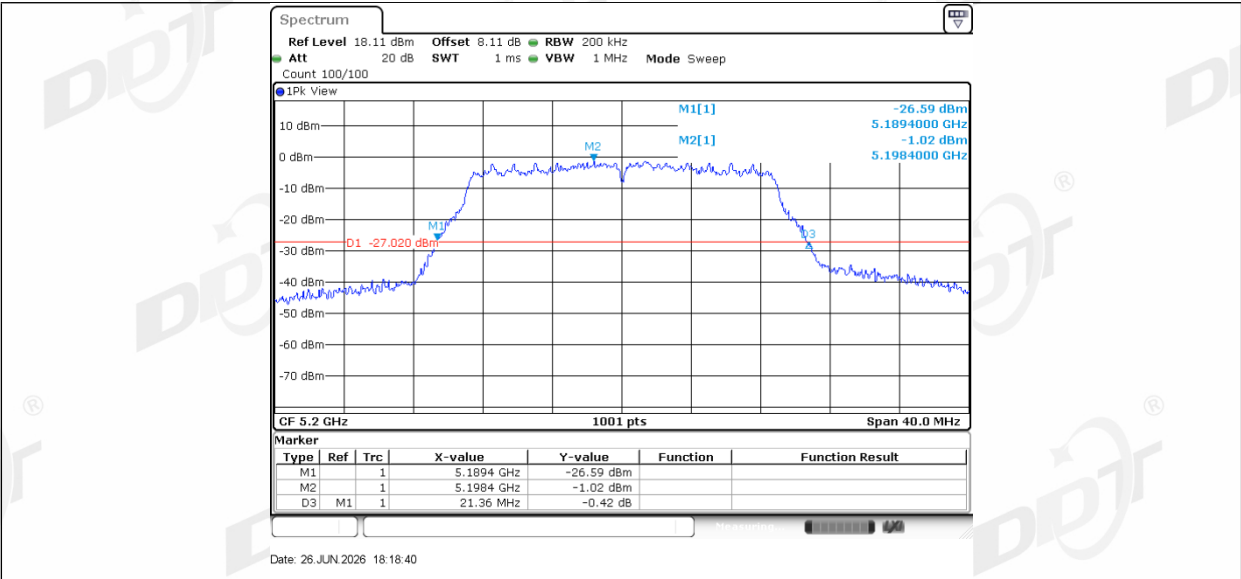
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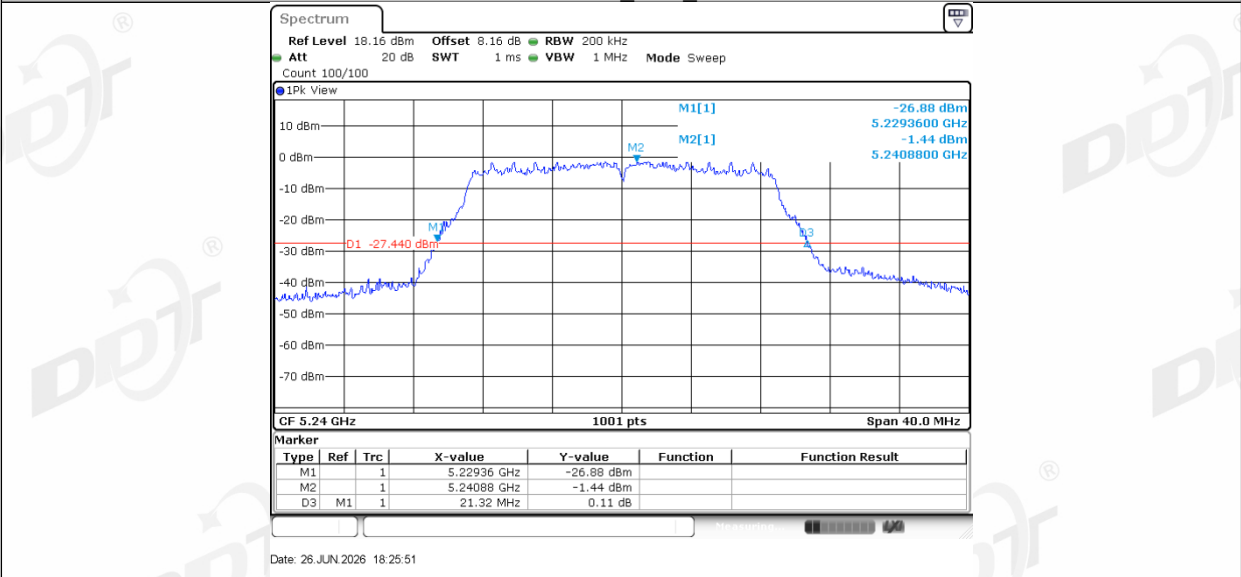
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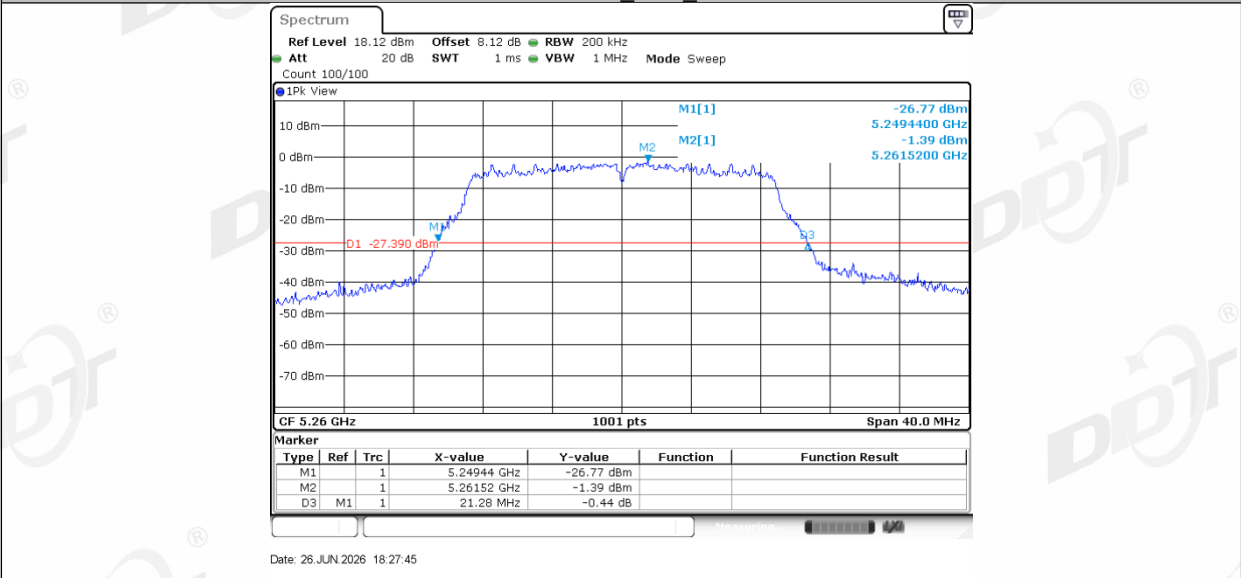
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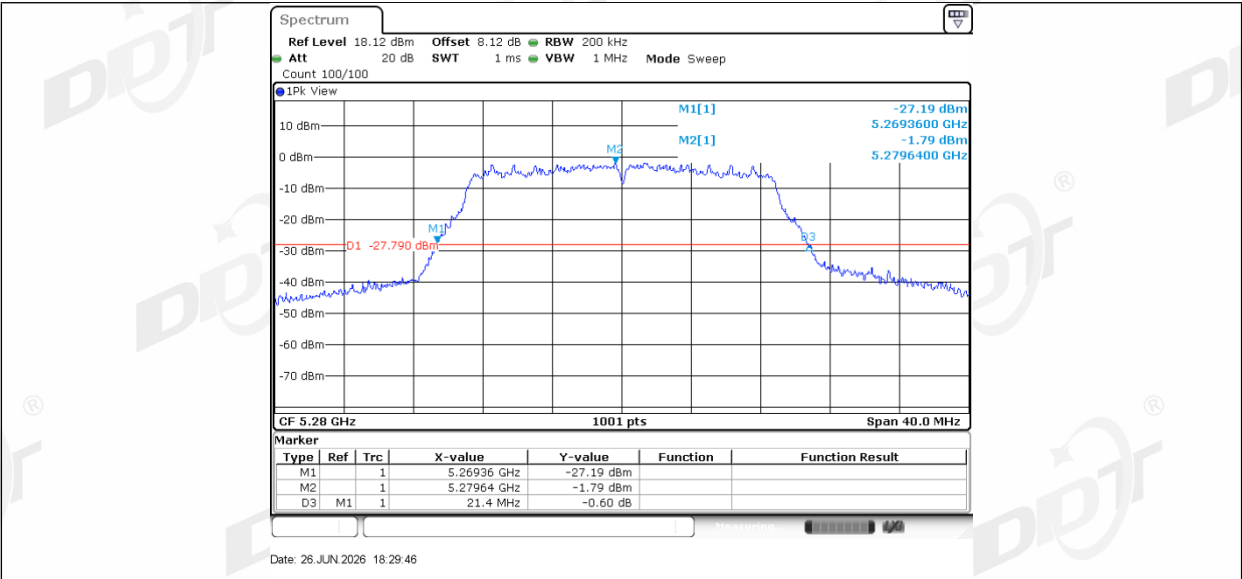
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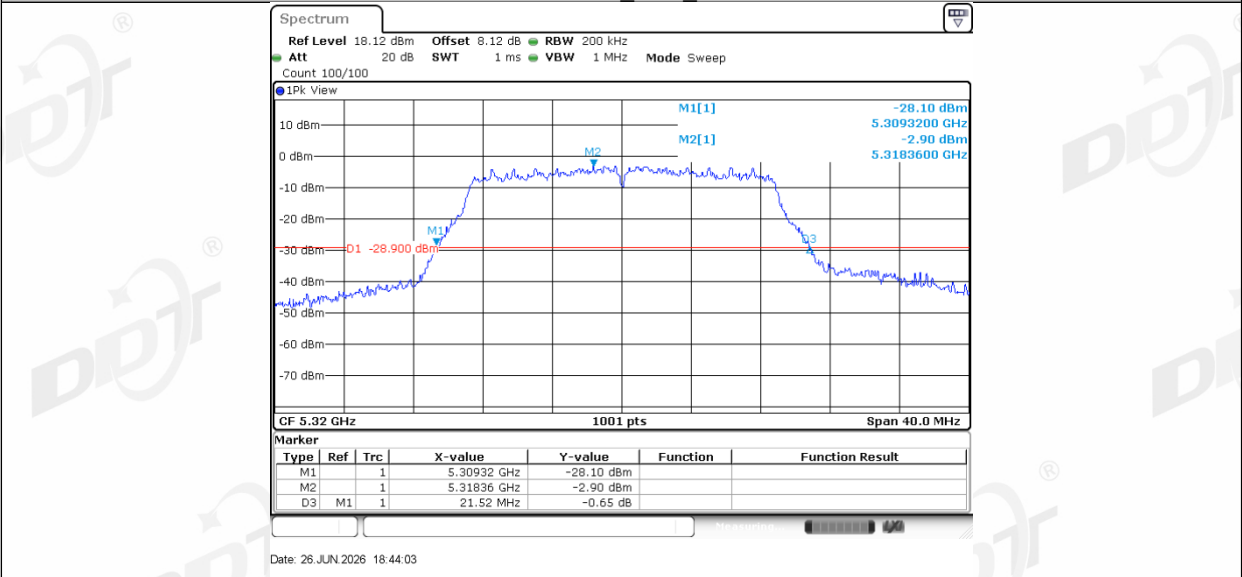
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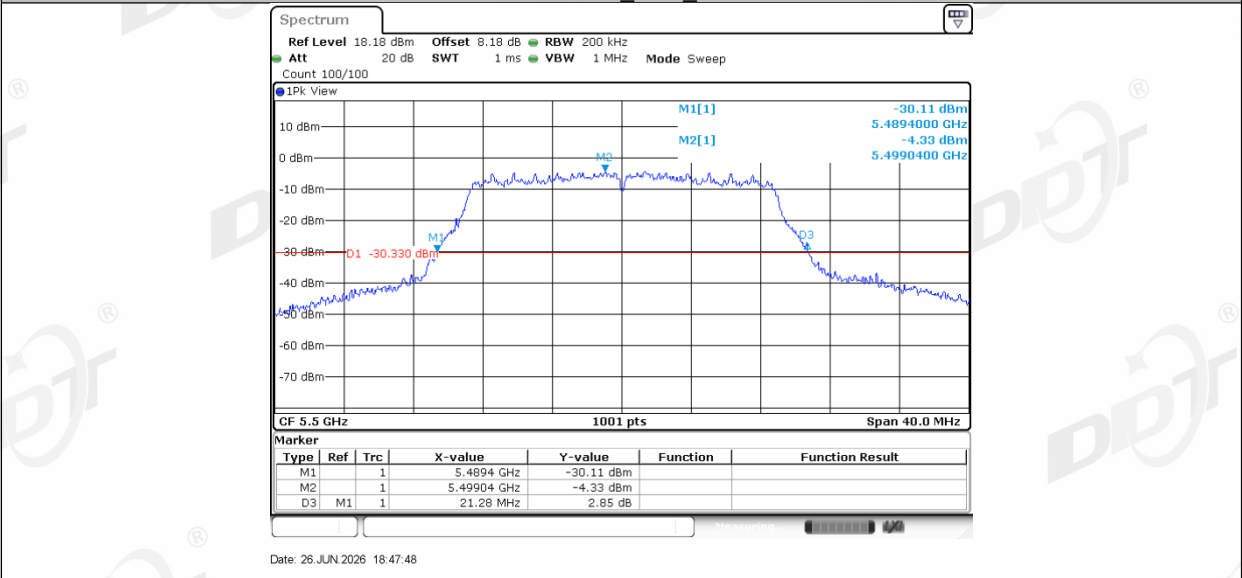
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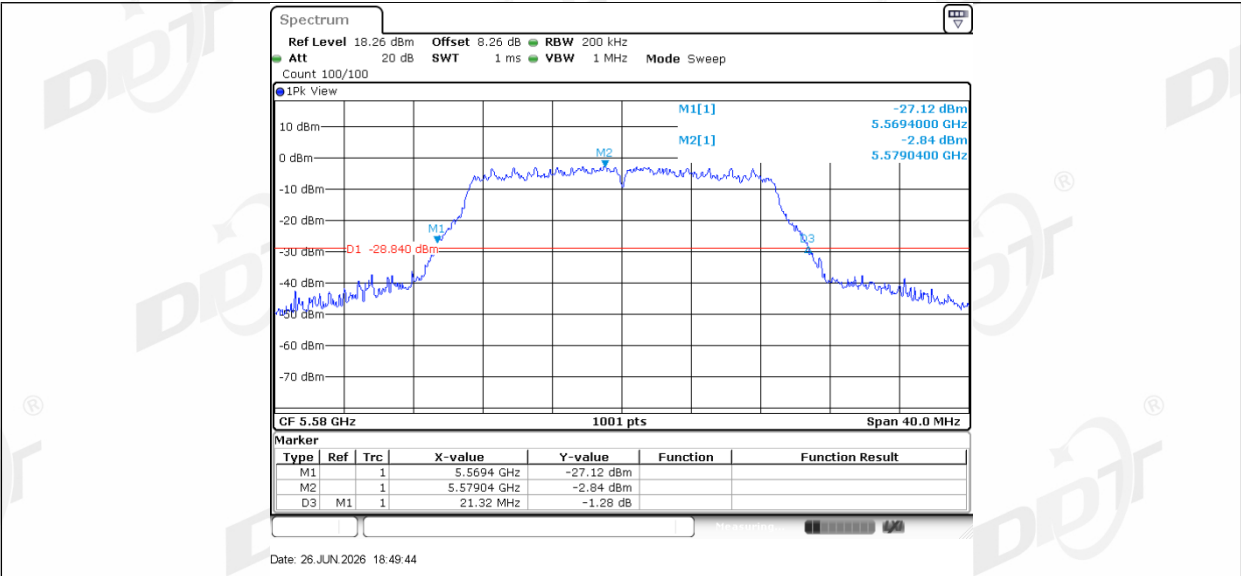
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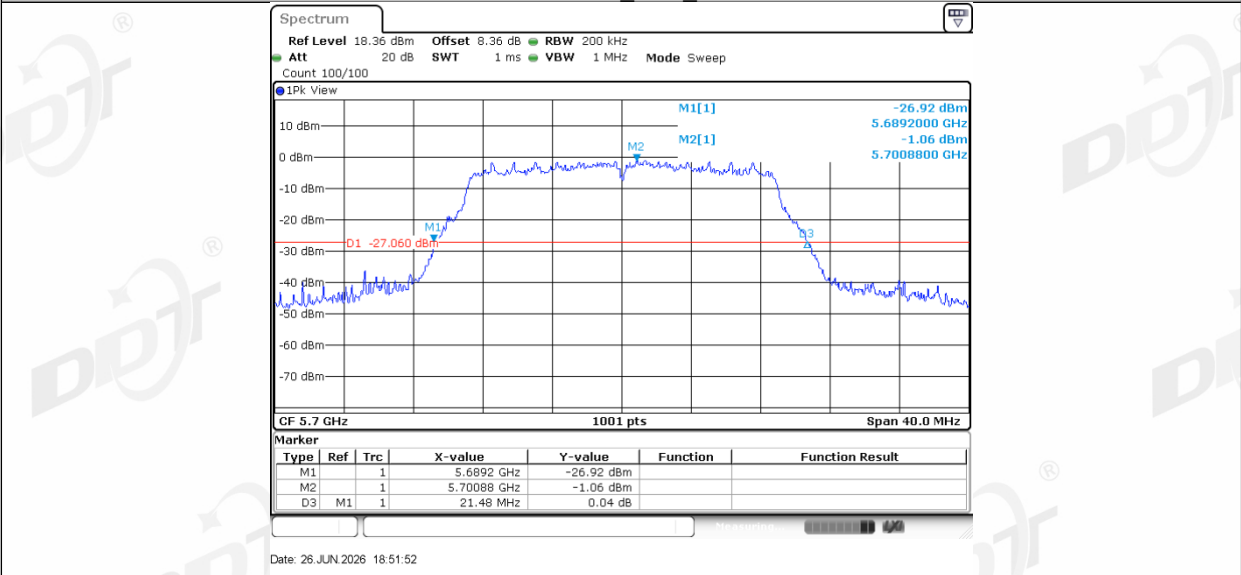
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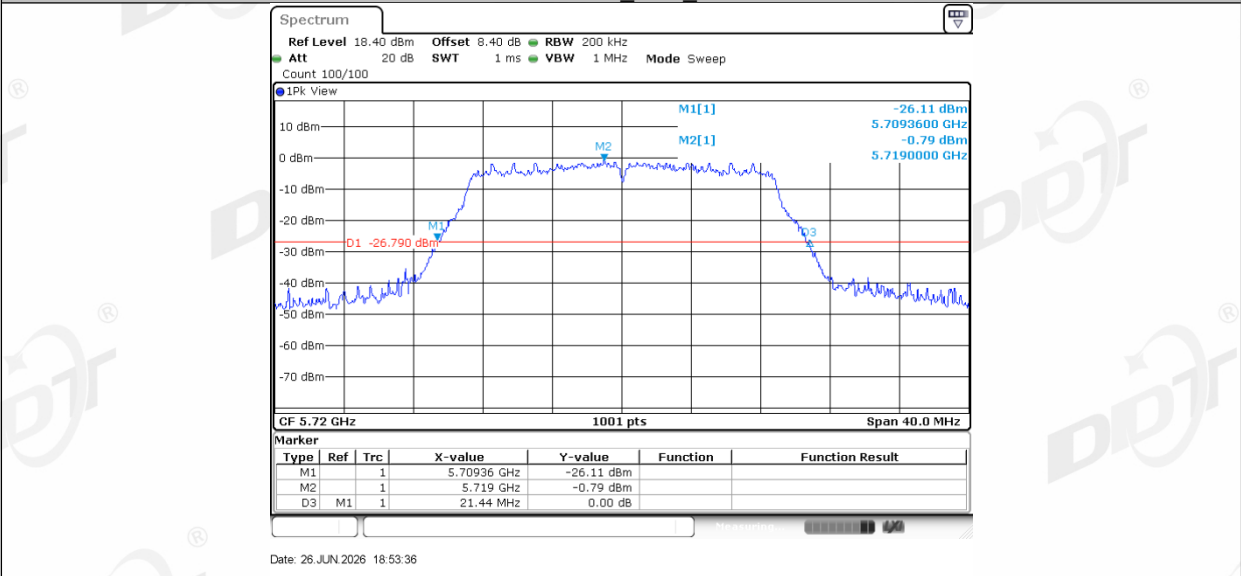
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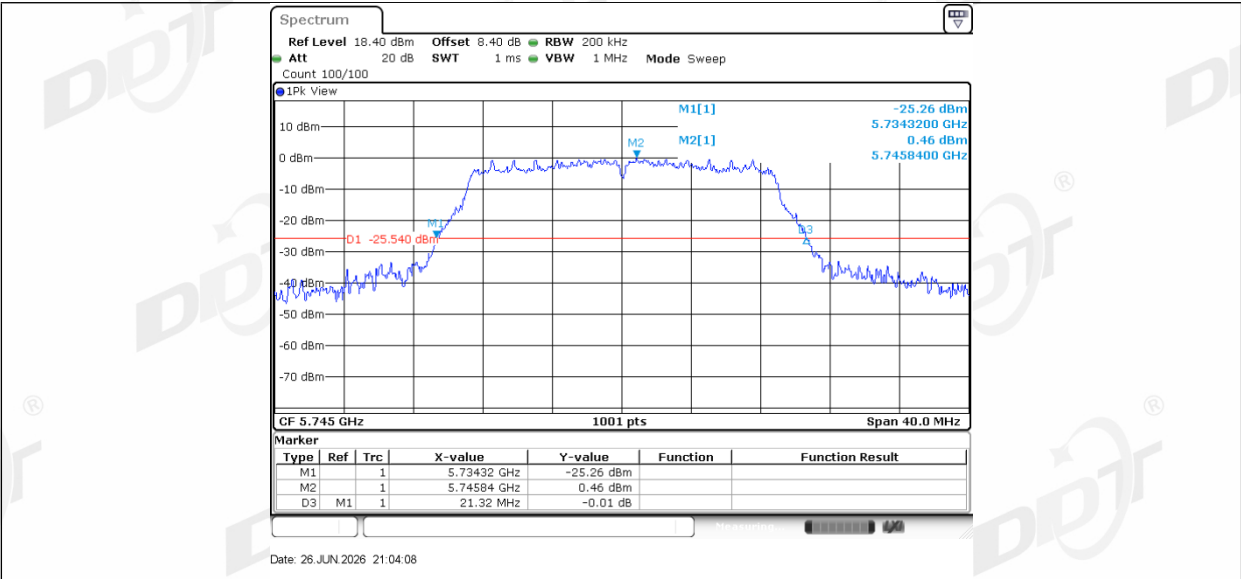
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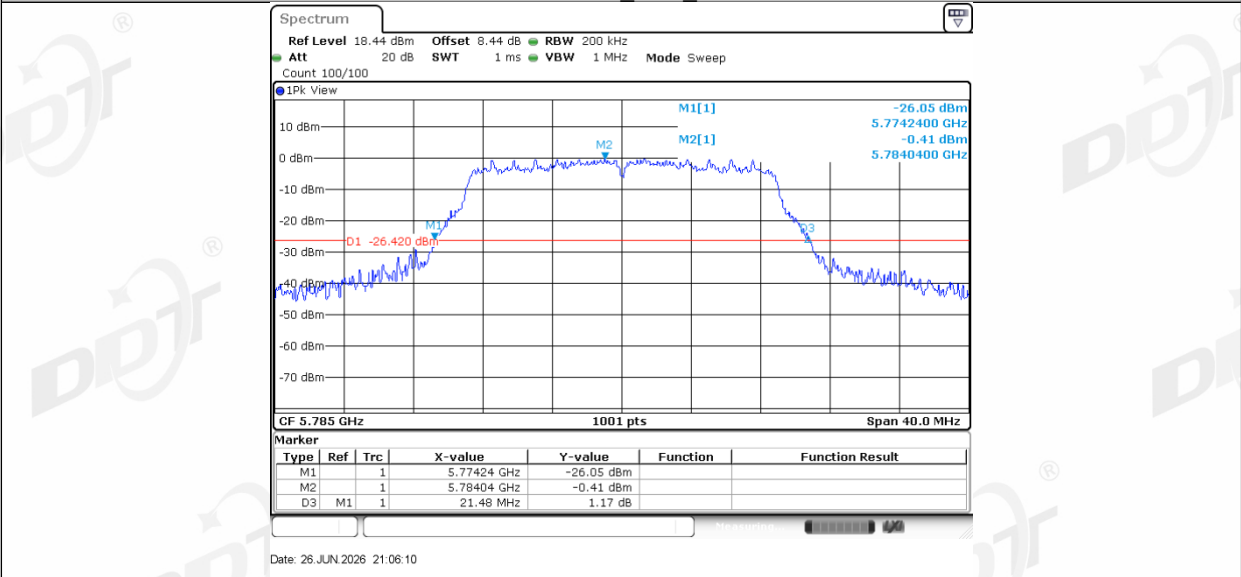
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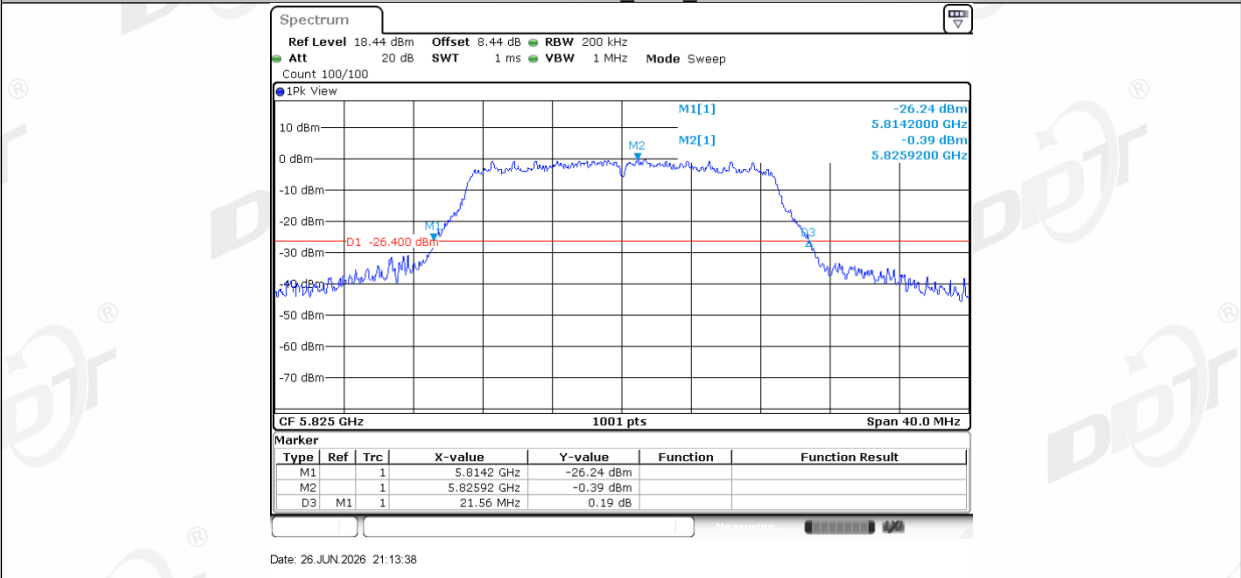
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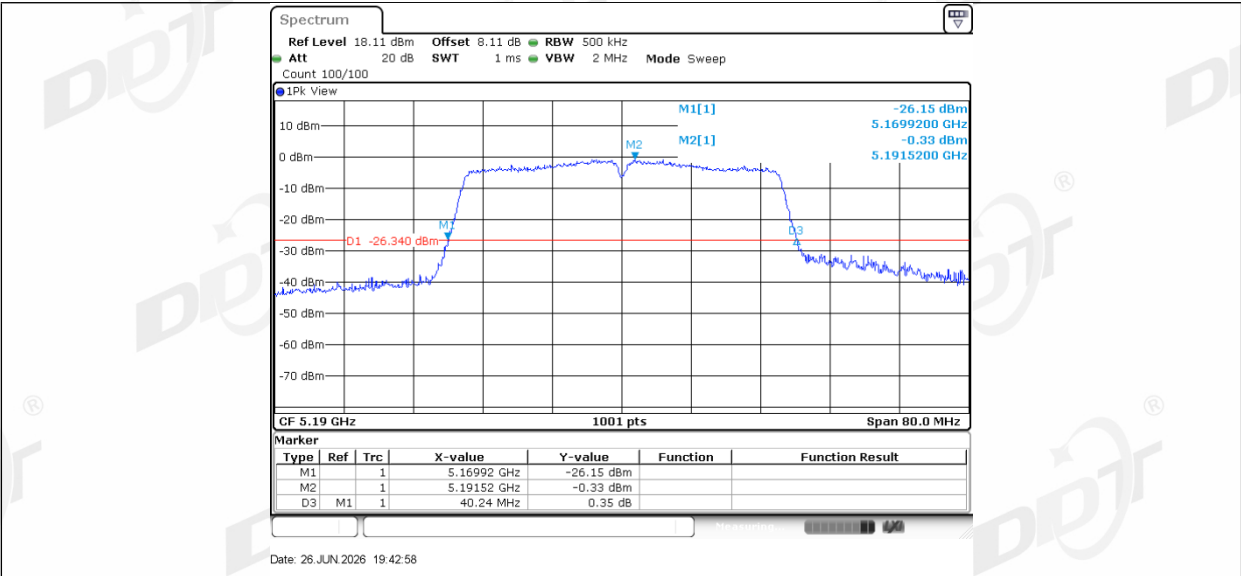
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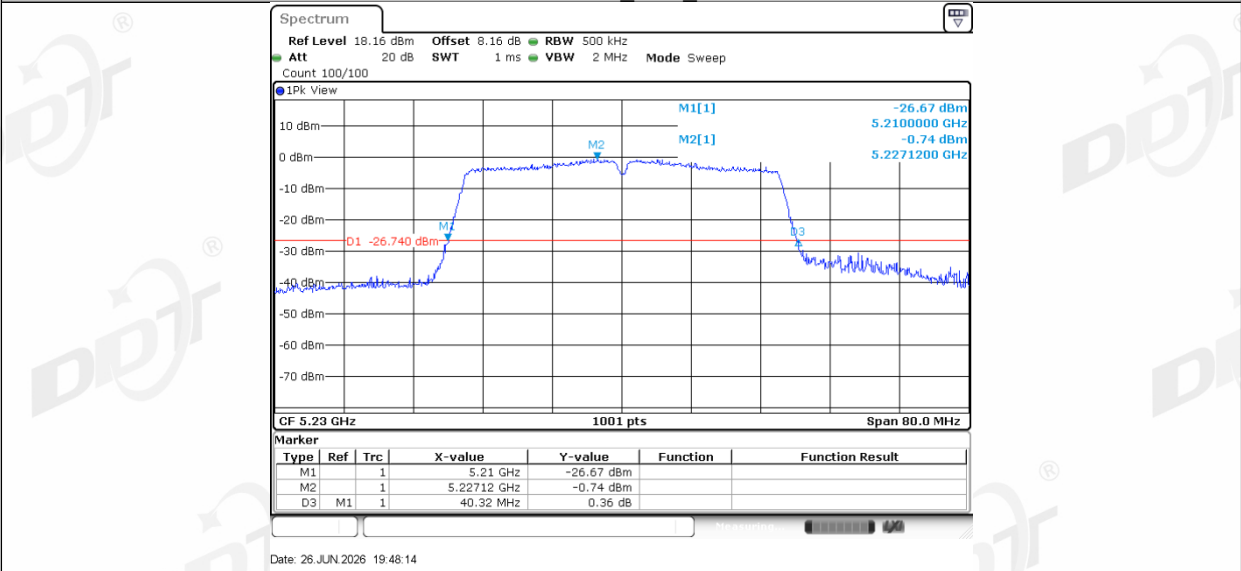
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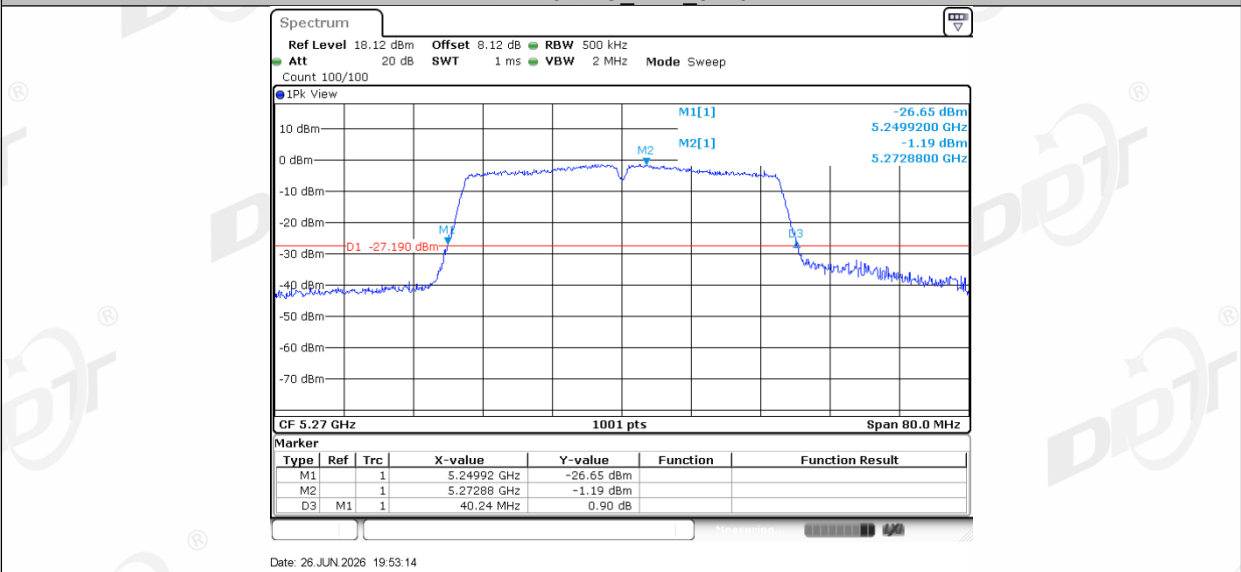
11N40SISO_Ant1_5190



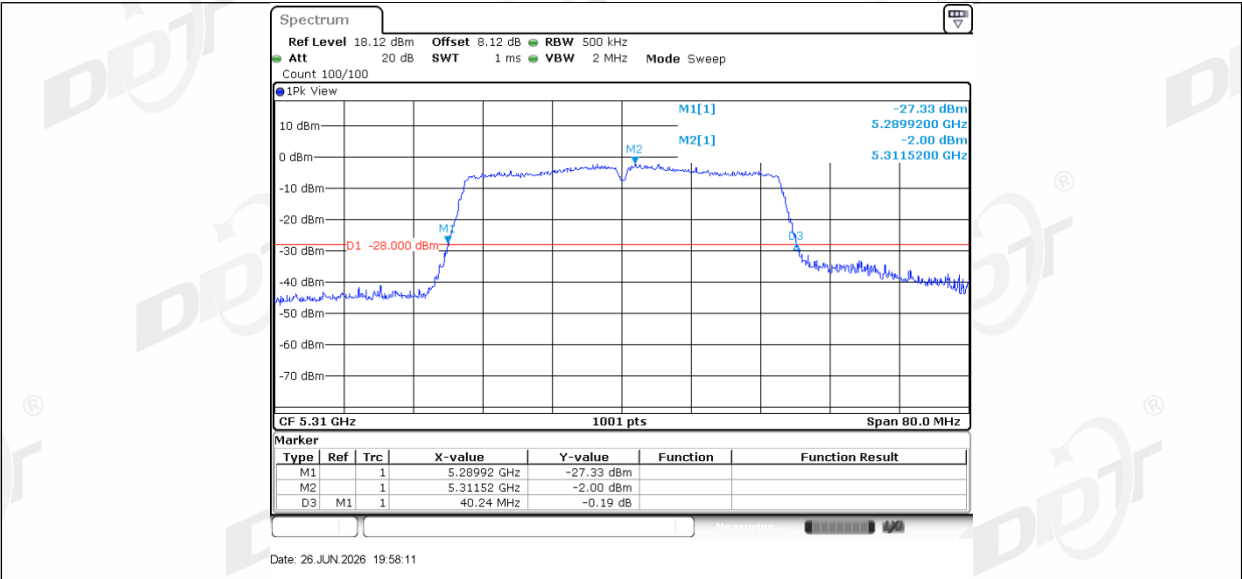
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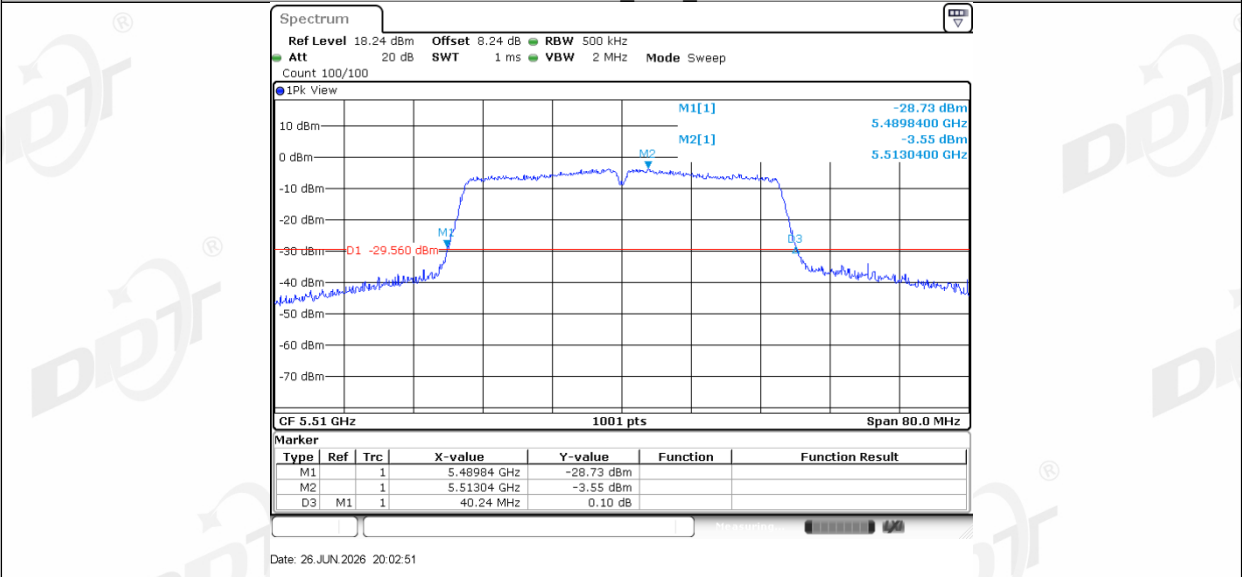
11N40SISO_Ant1_5270



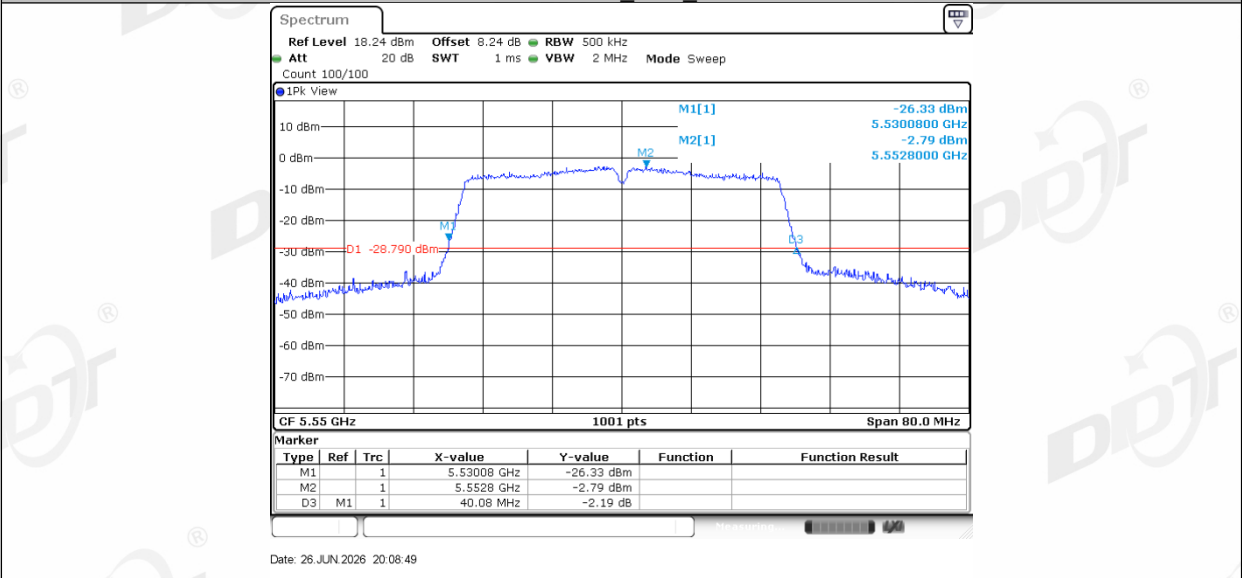
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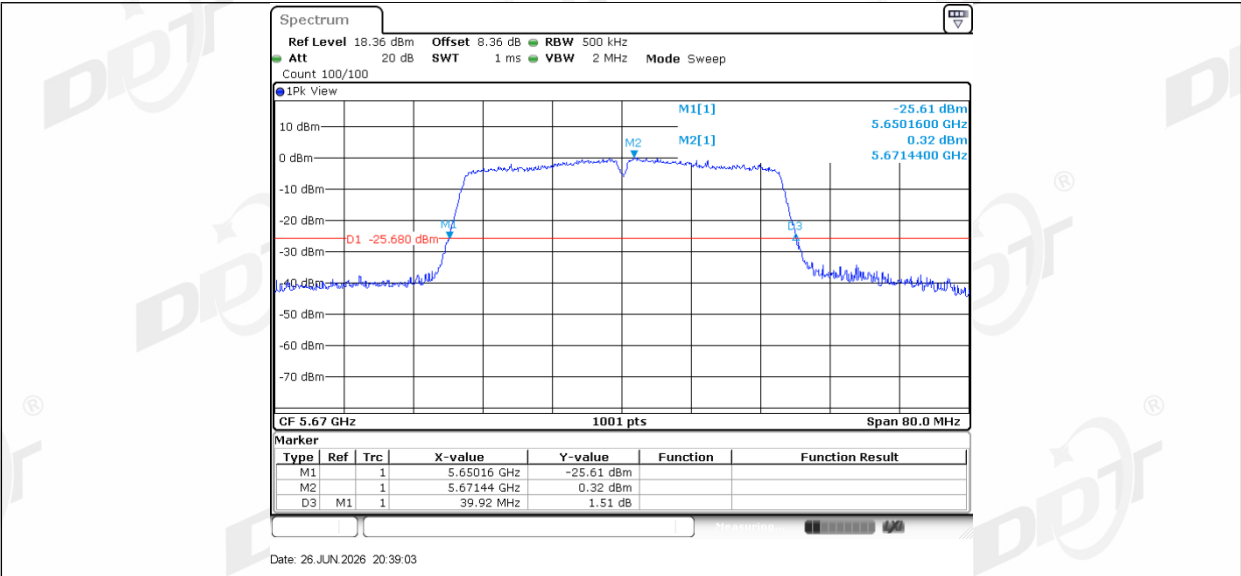
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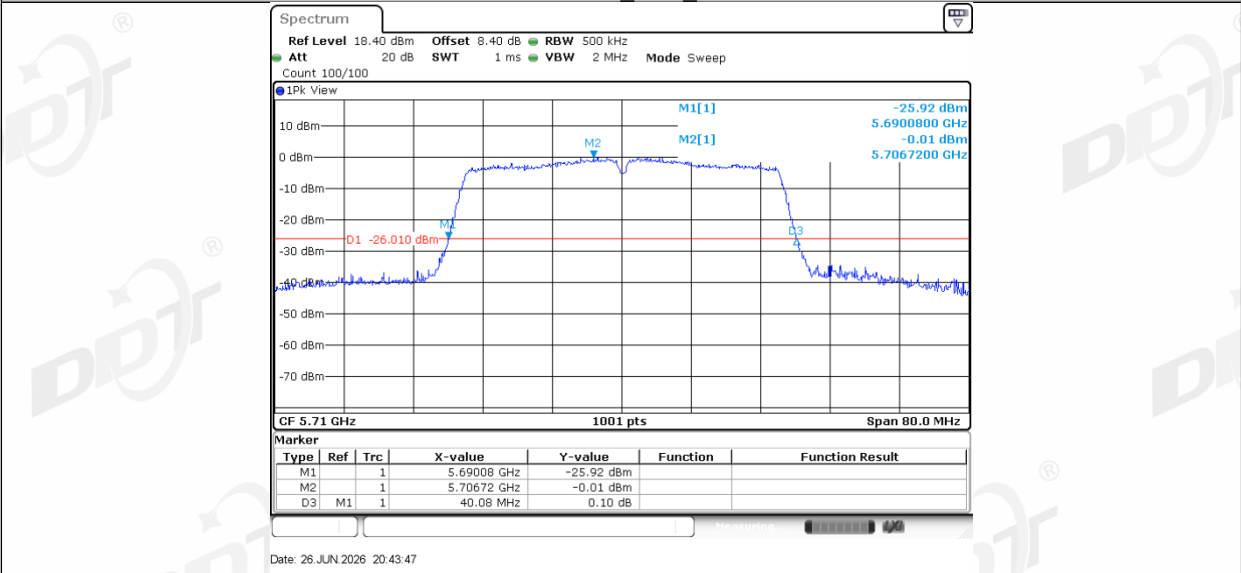
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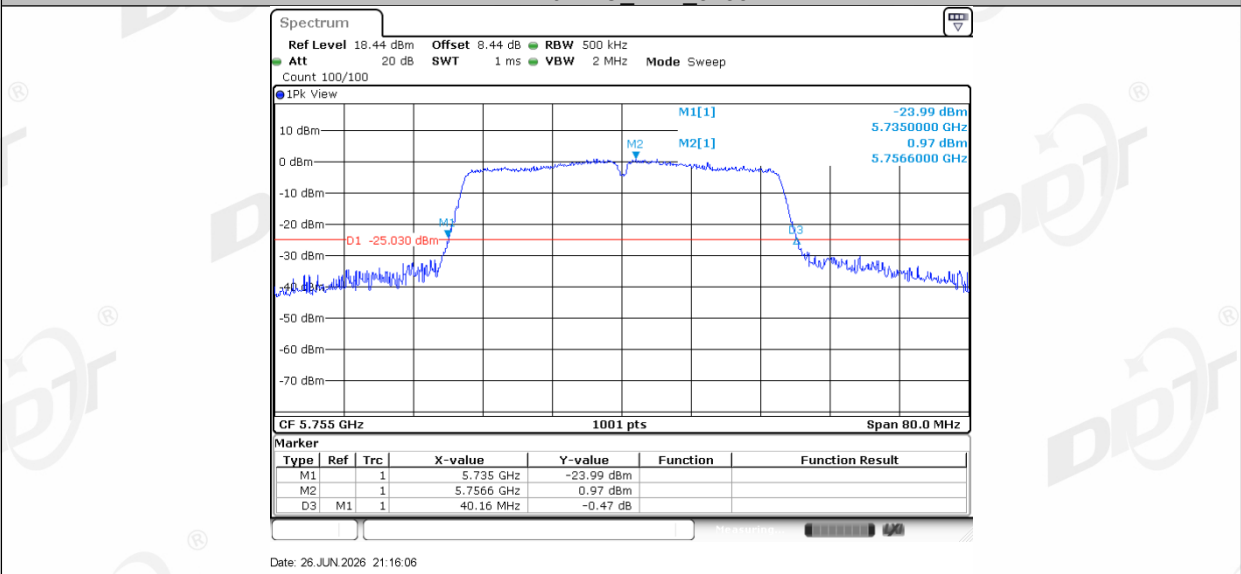
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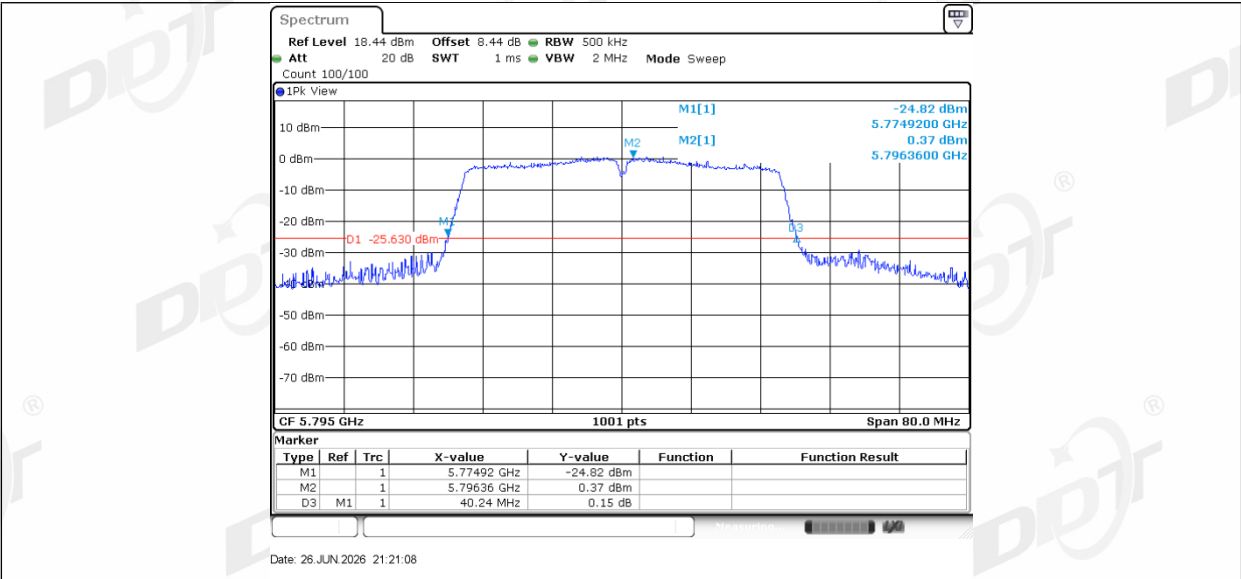
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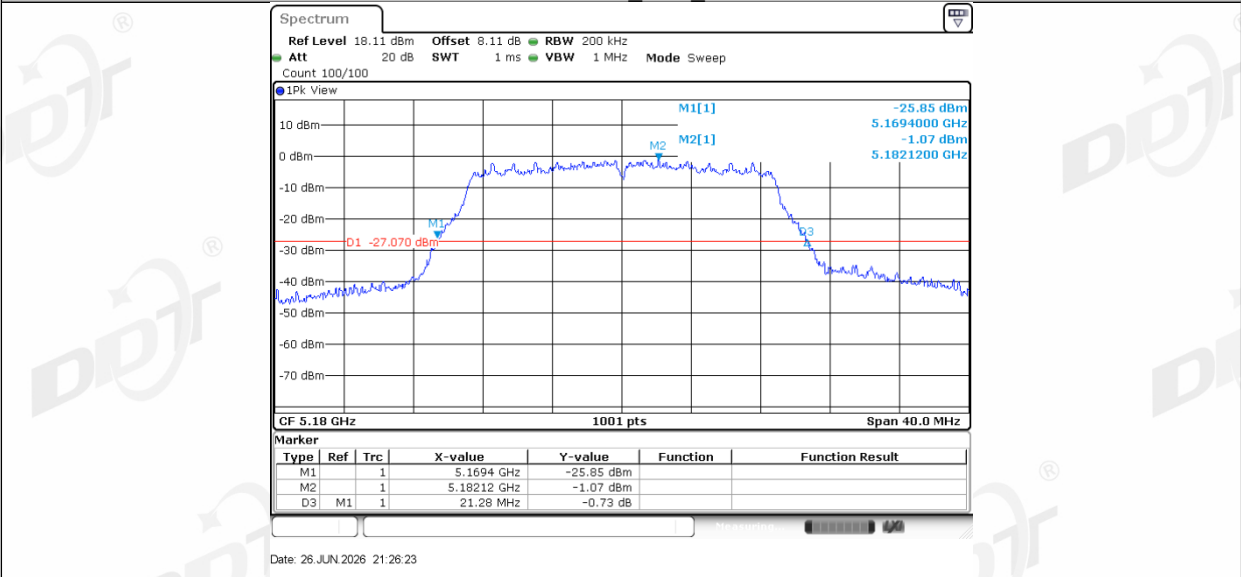
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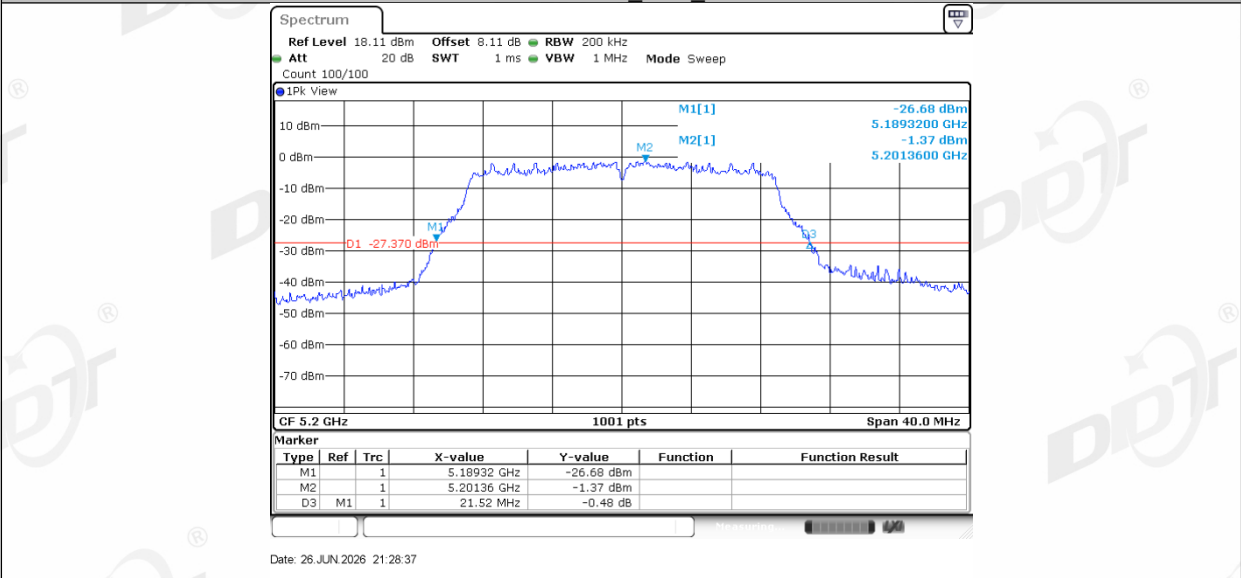
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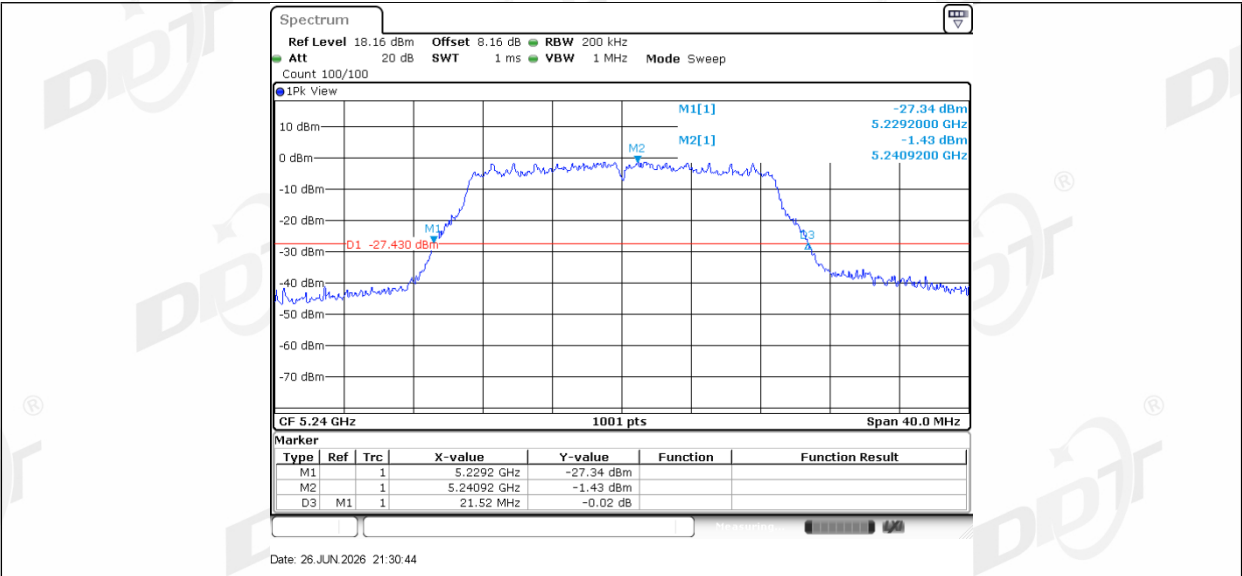
11AC20SISO Ant1_5180



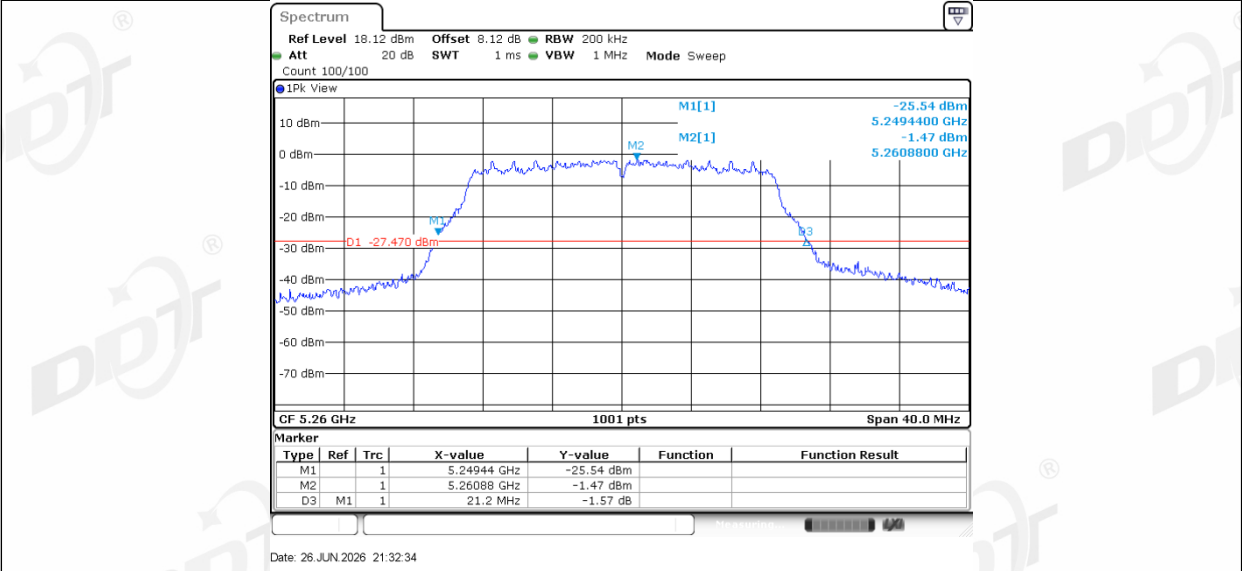
11AC20SISO Ant1_5200



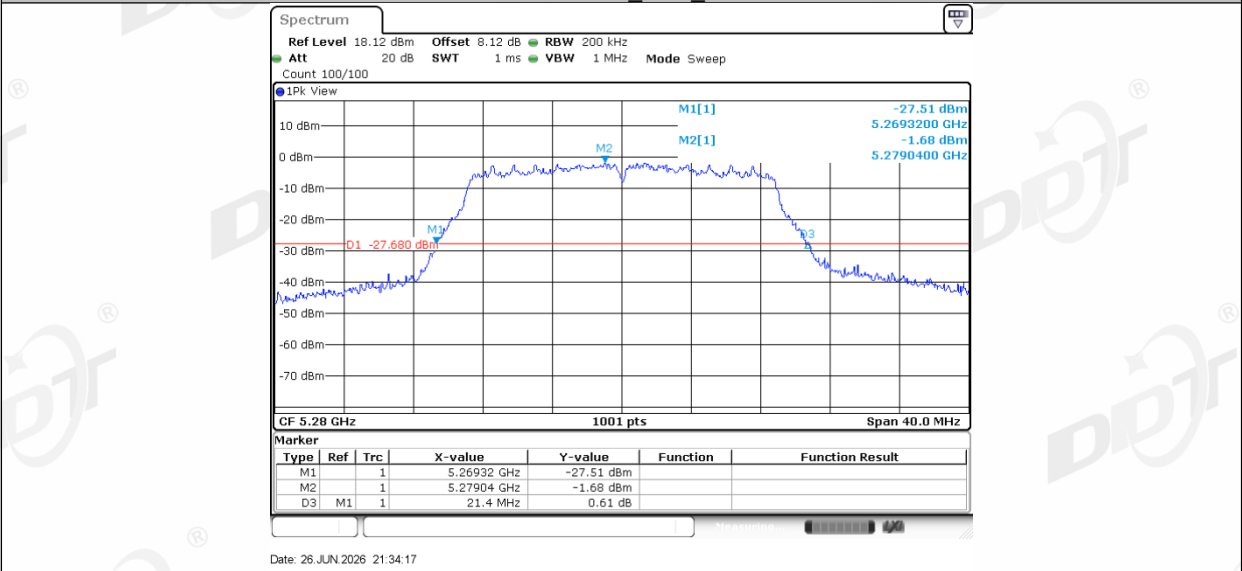
11AC20SISO Ant1_5240



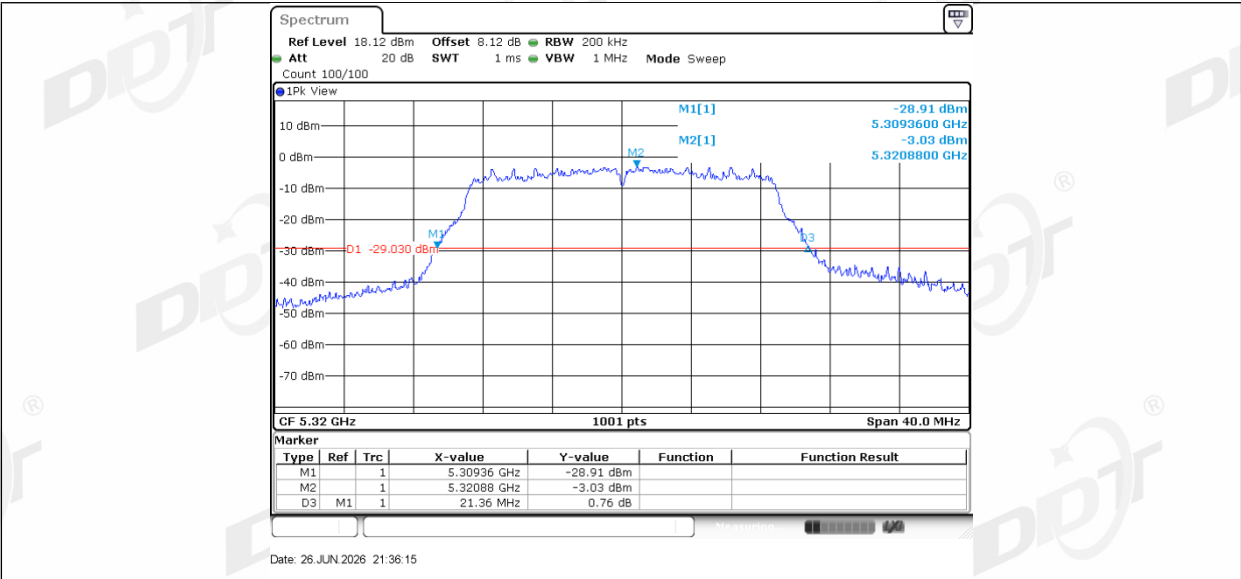
11AC20SISO Ant1_5260



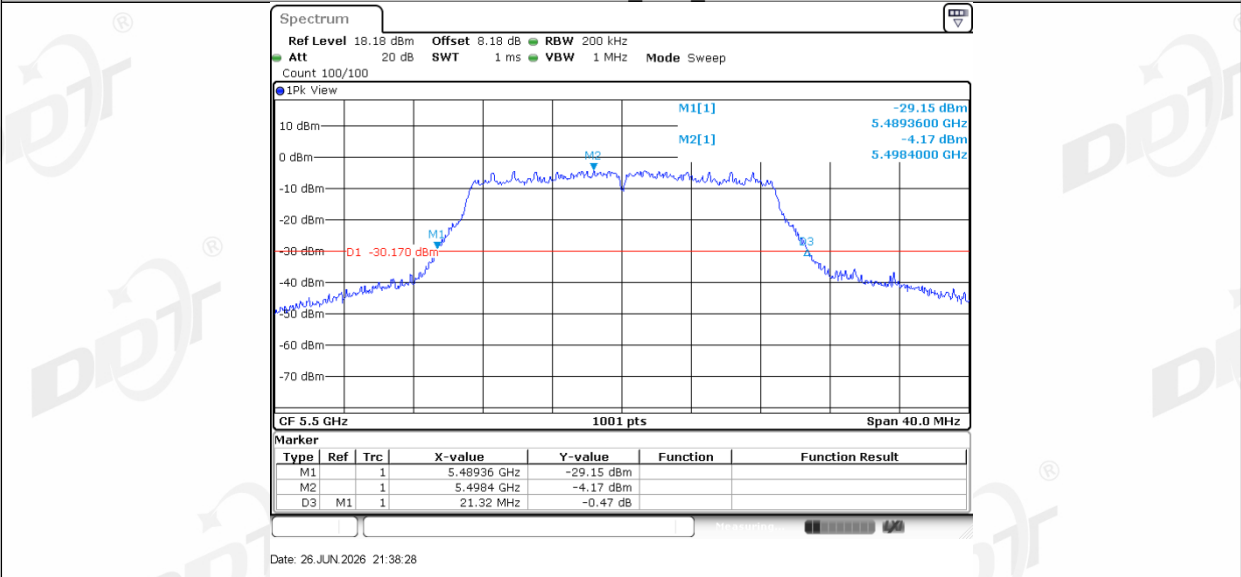
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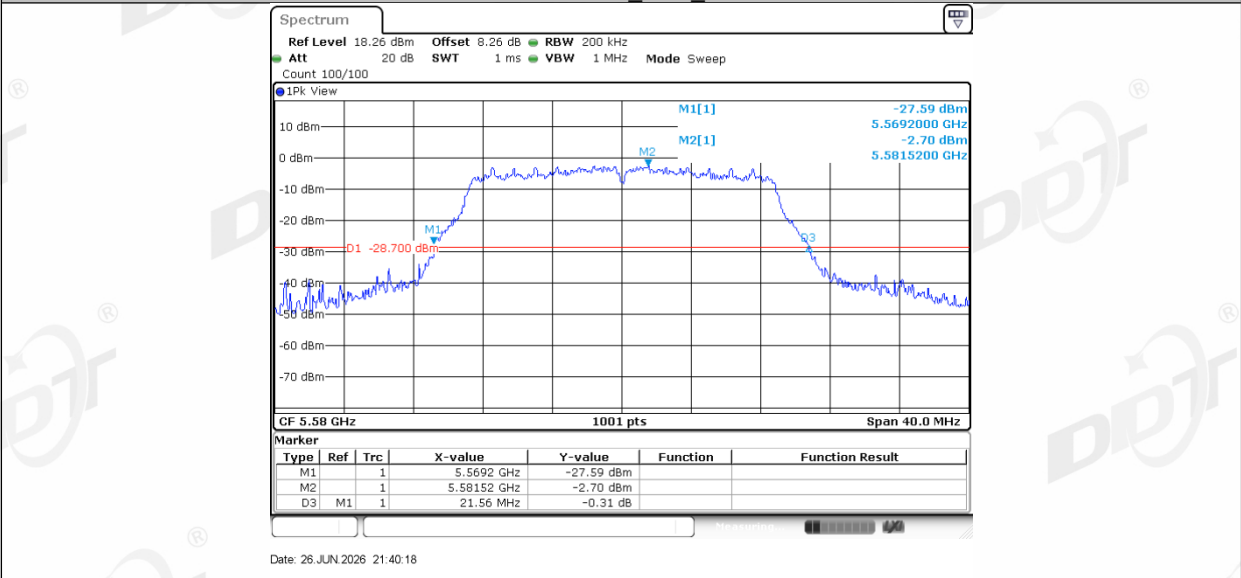
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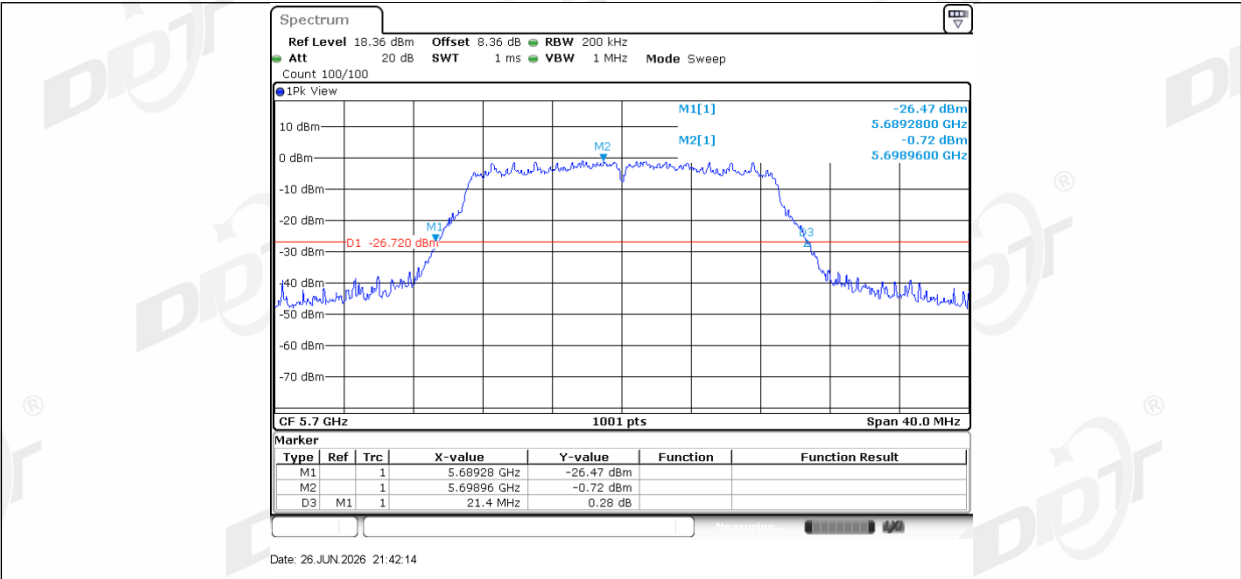
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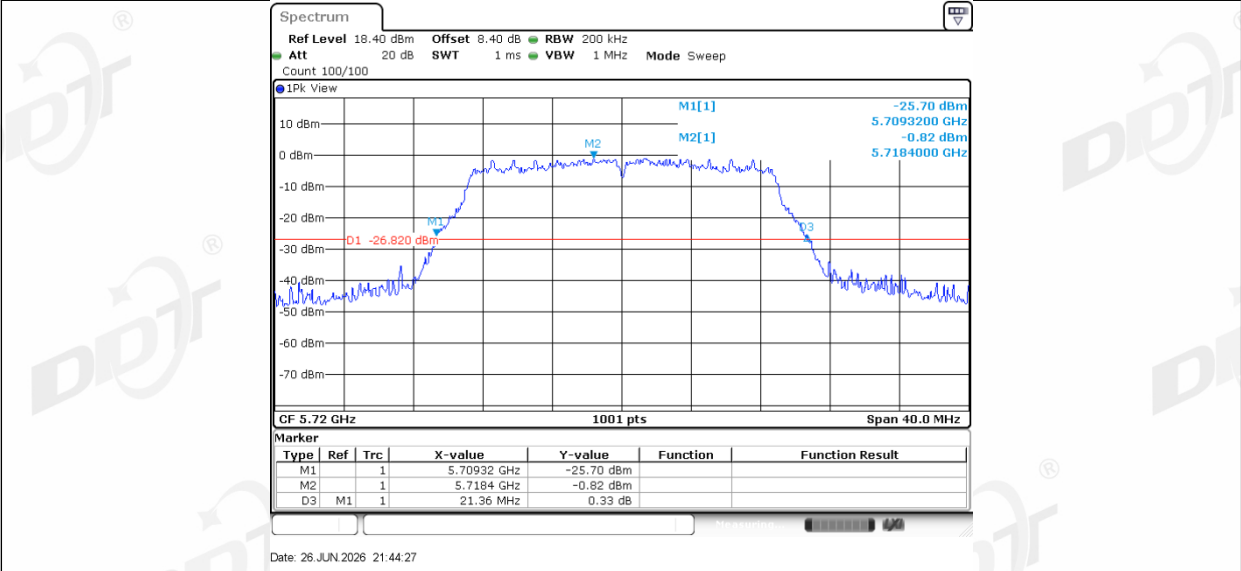
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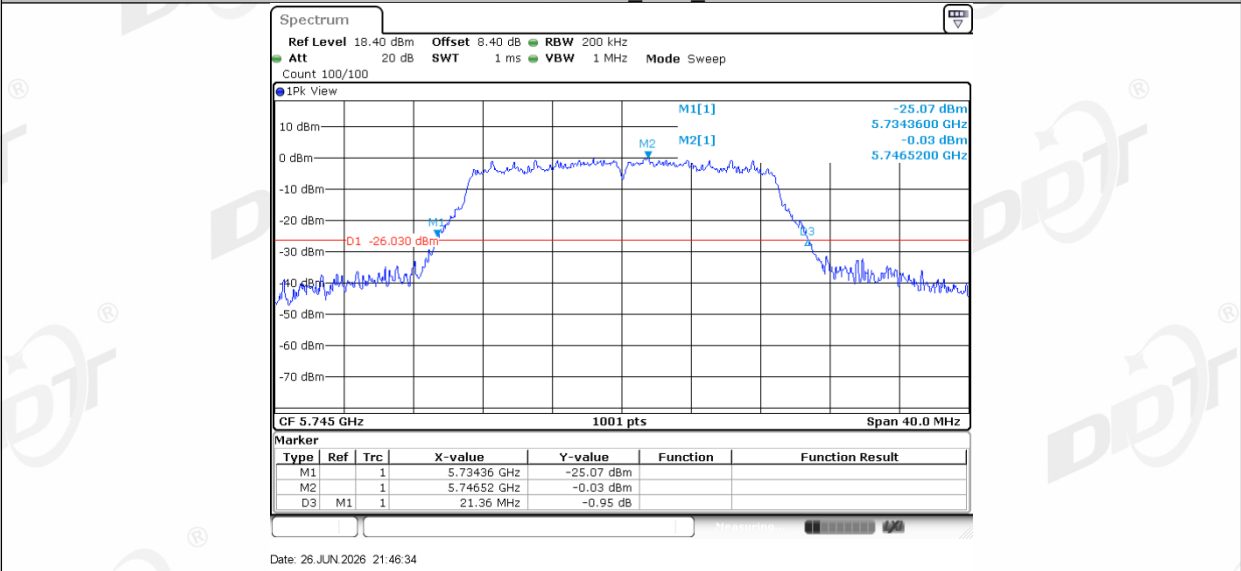
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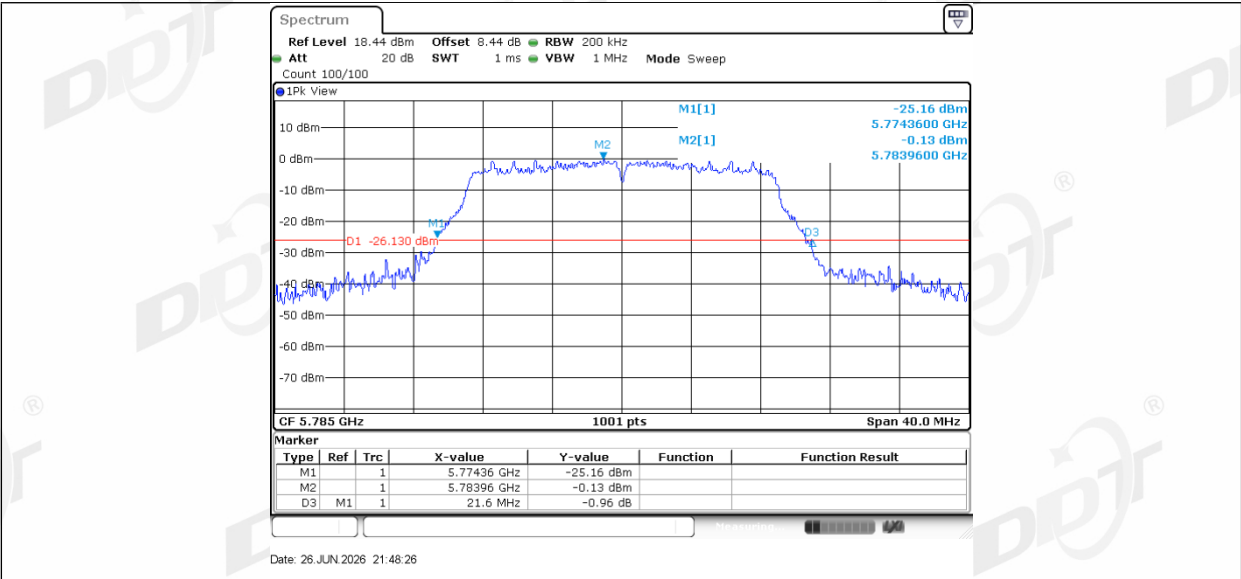
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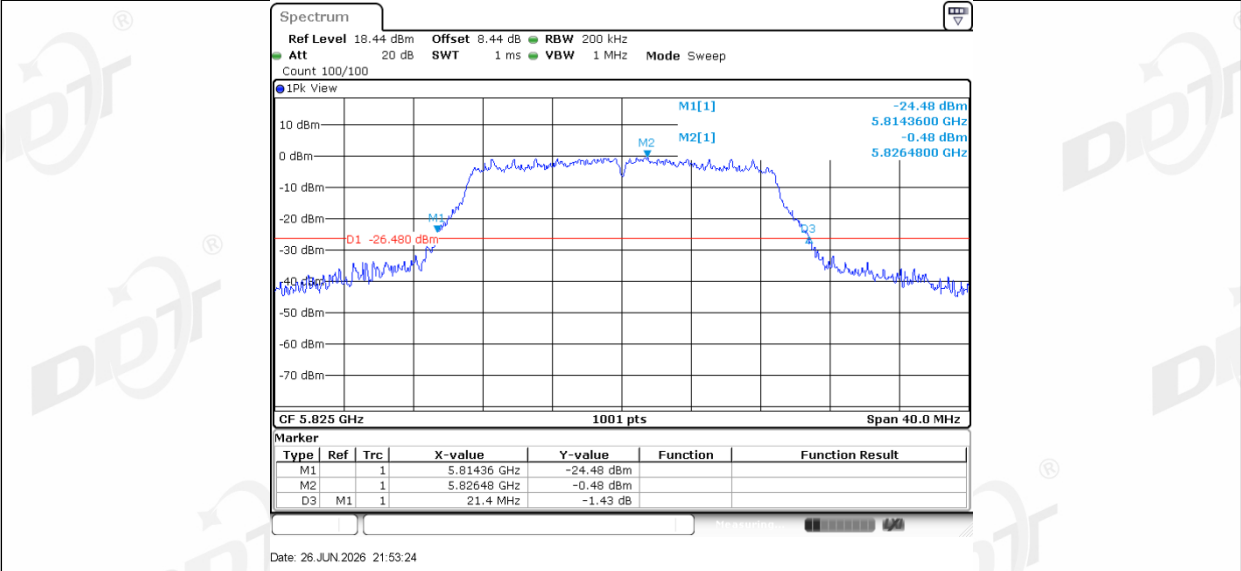
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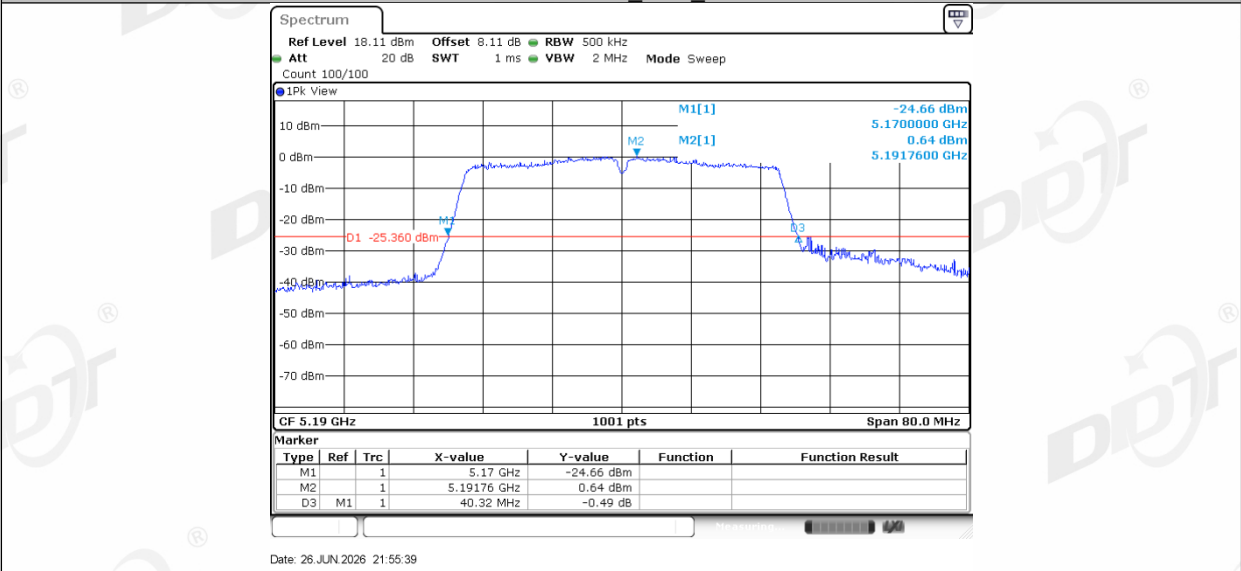
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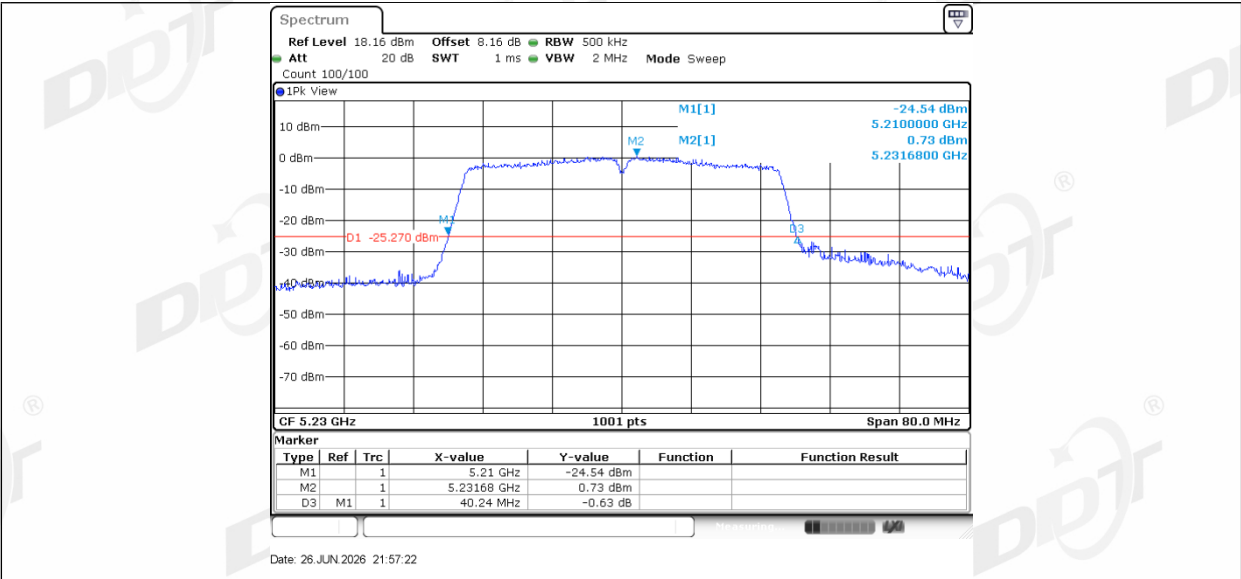
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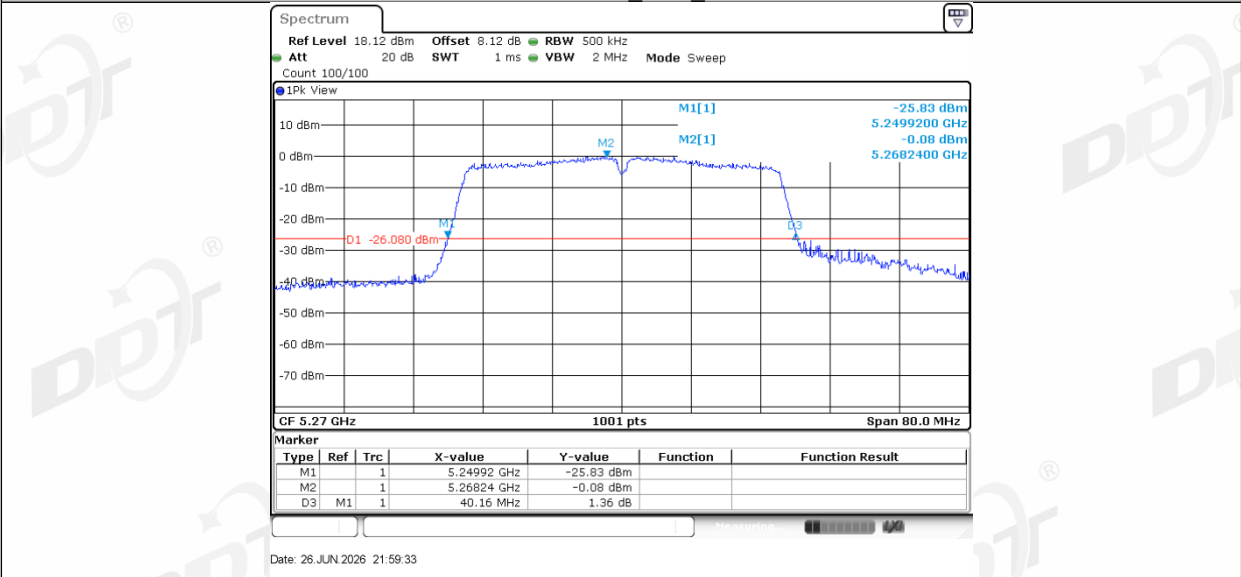
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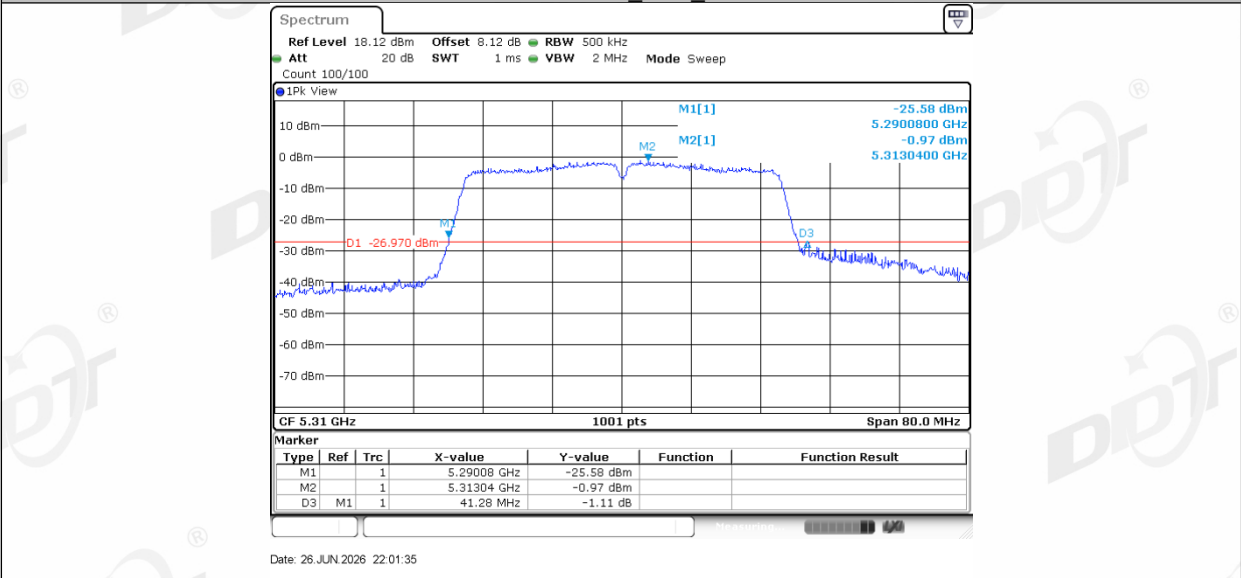
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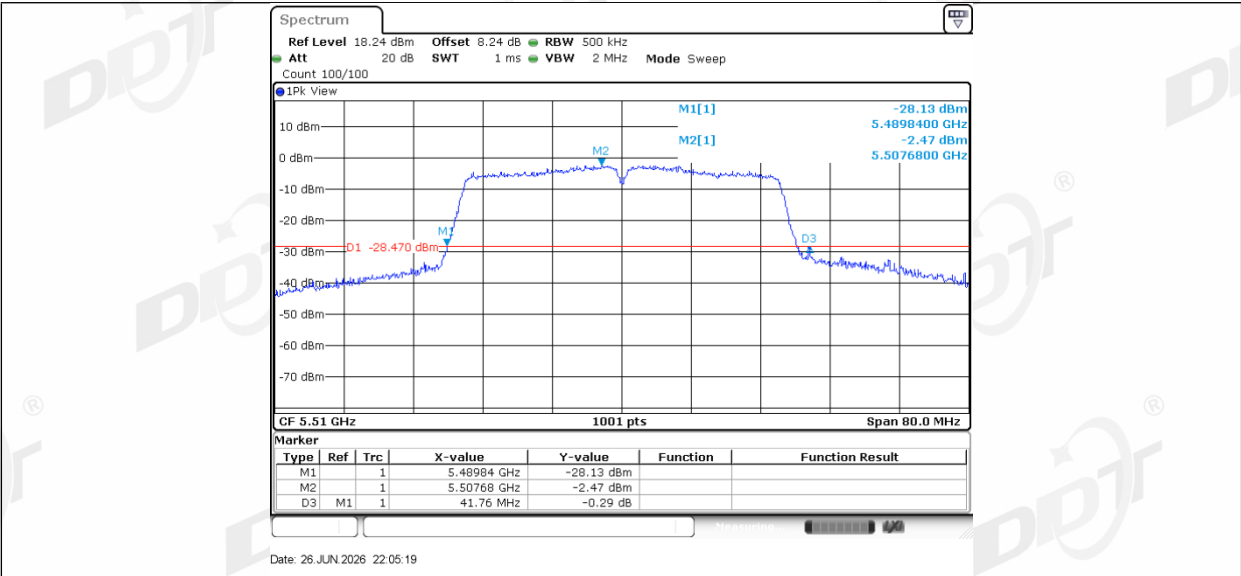
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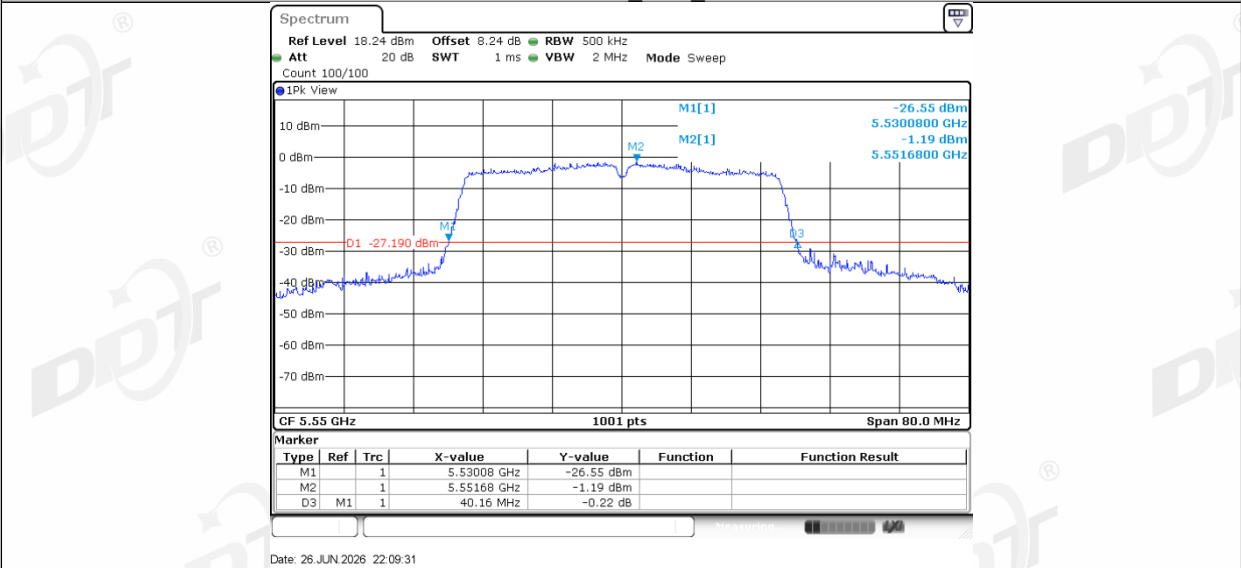
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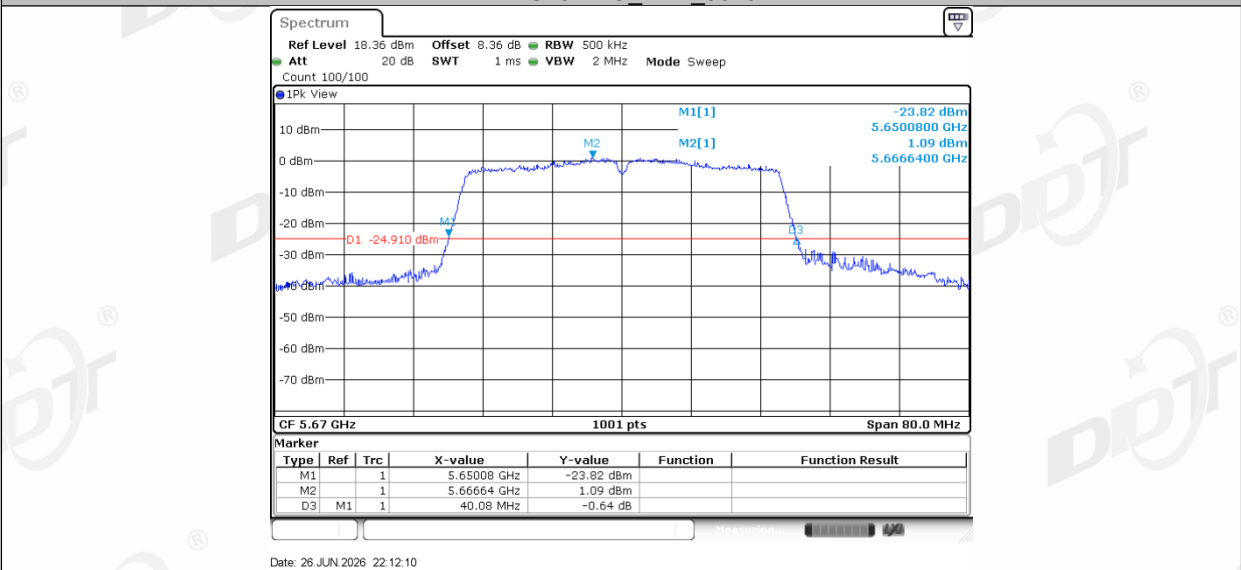
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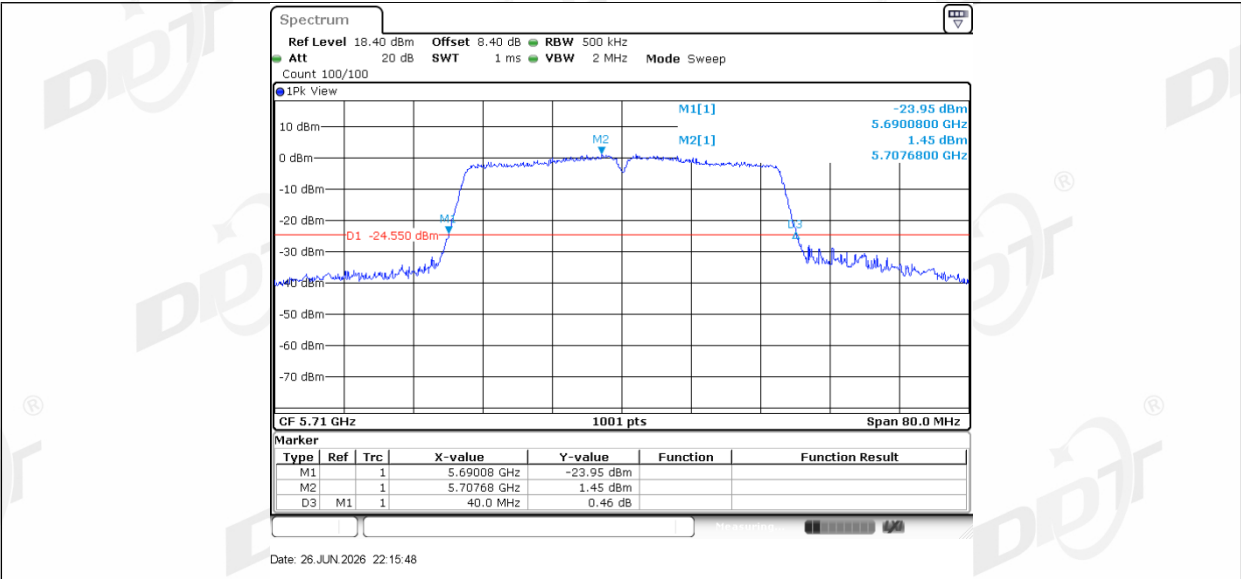
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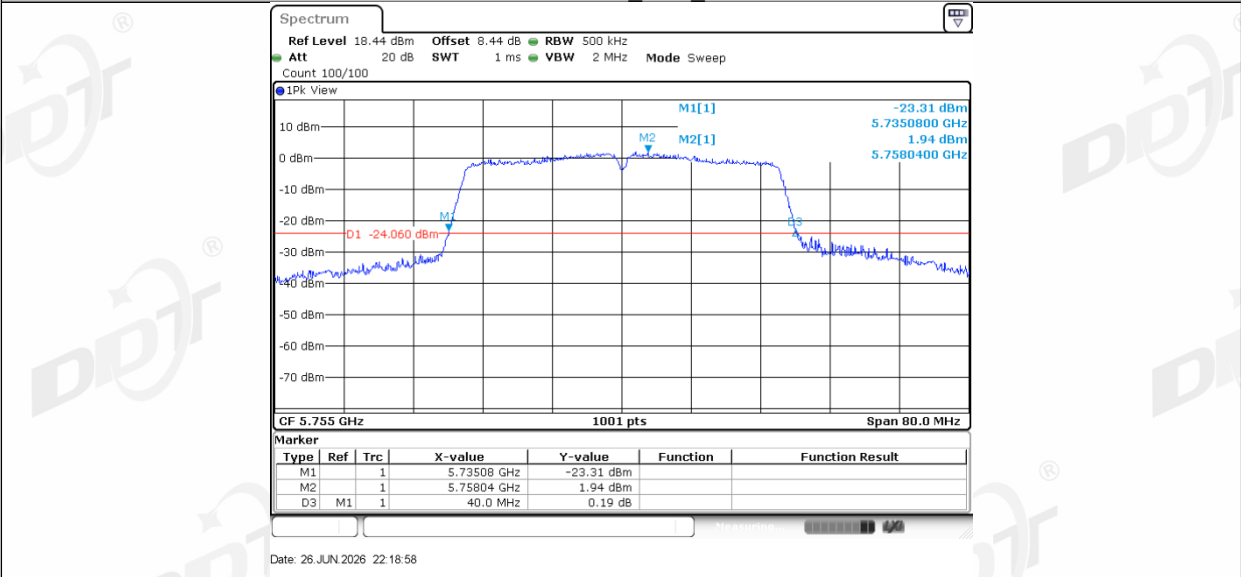
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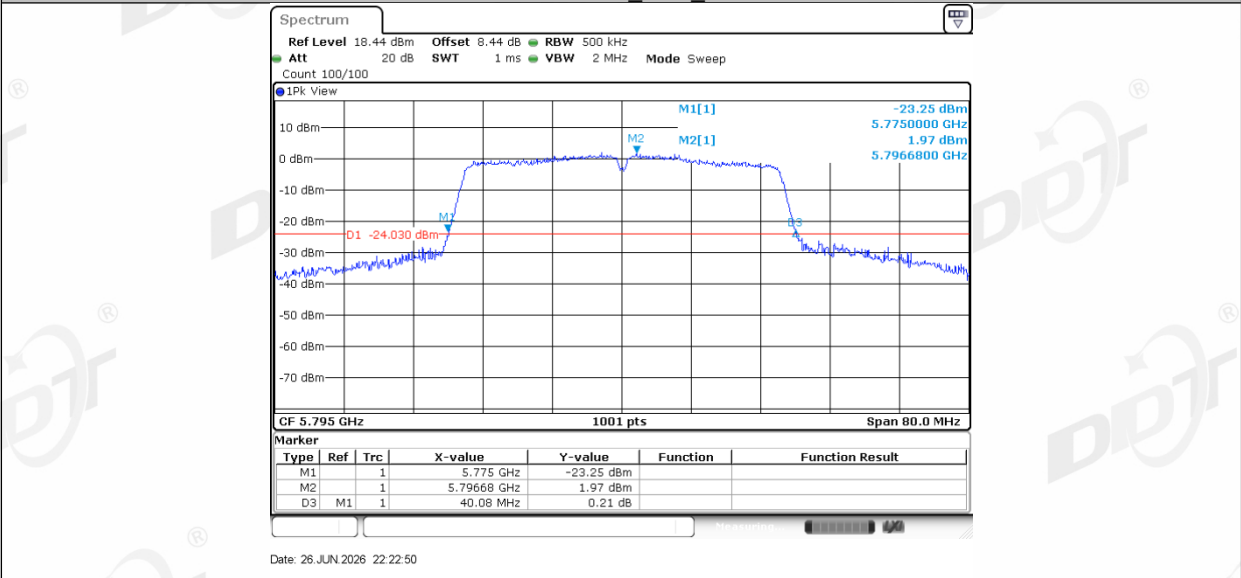
11AC40SISO Ant1_5710



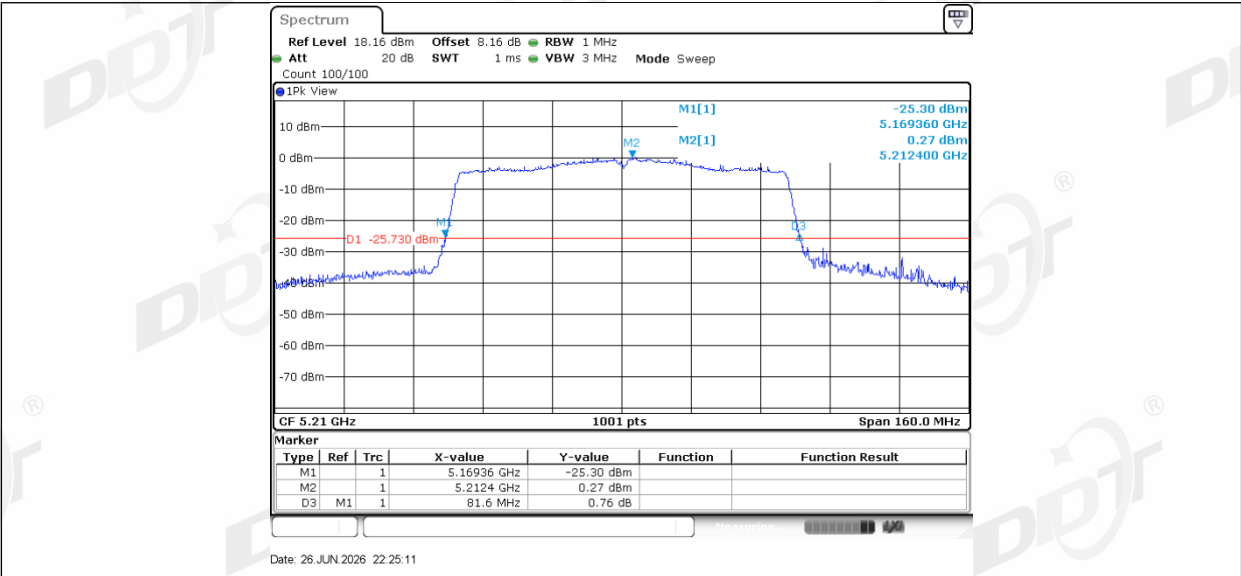
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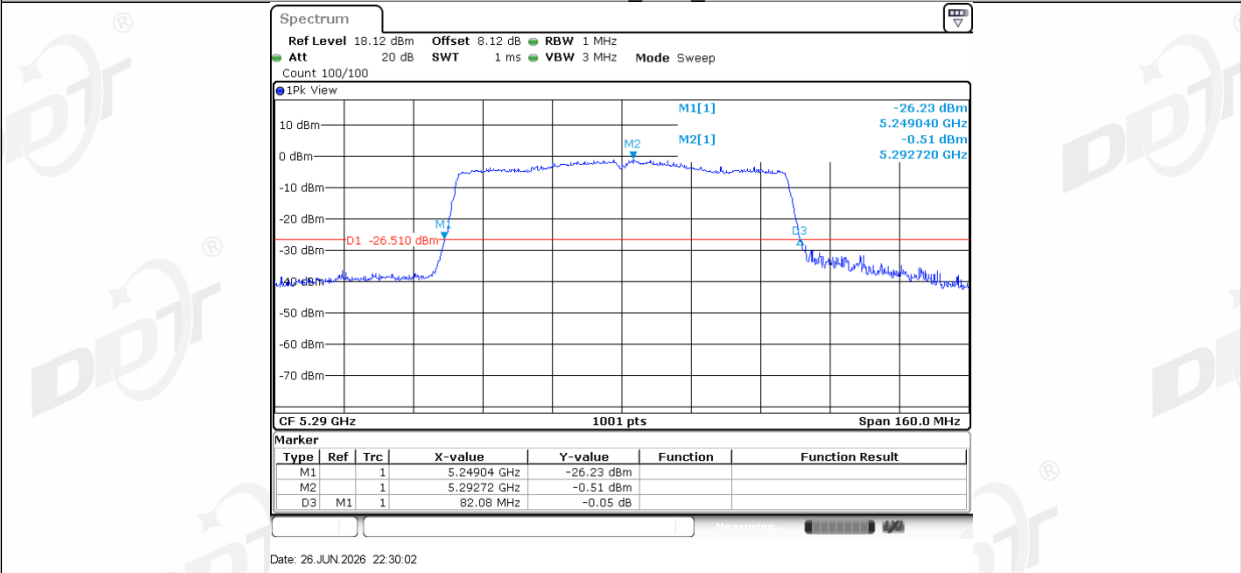
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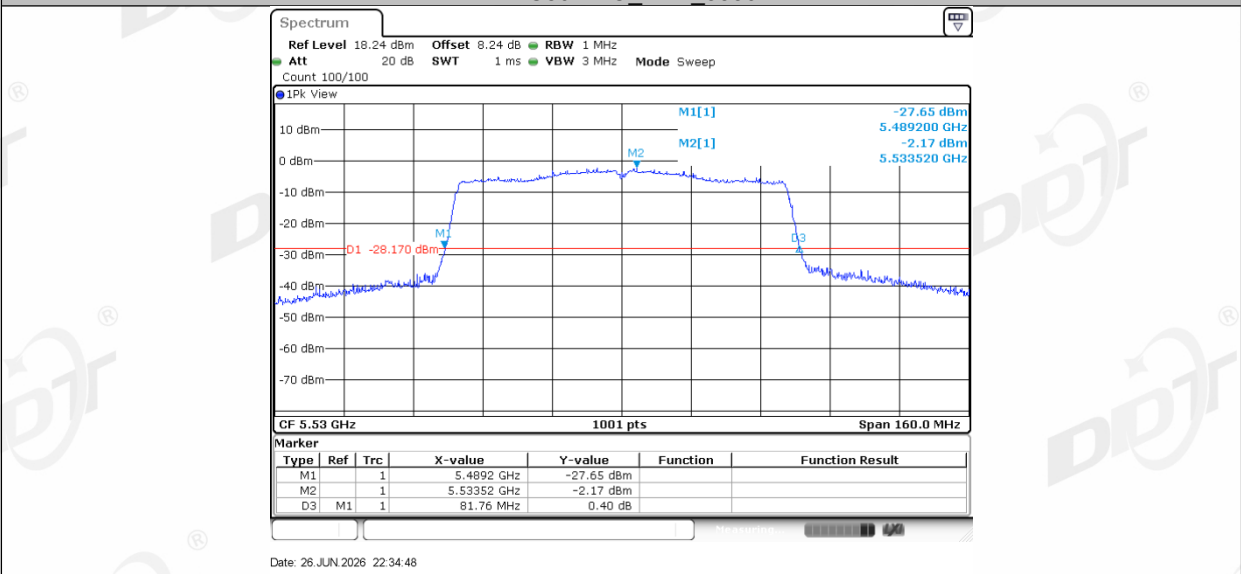
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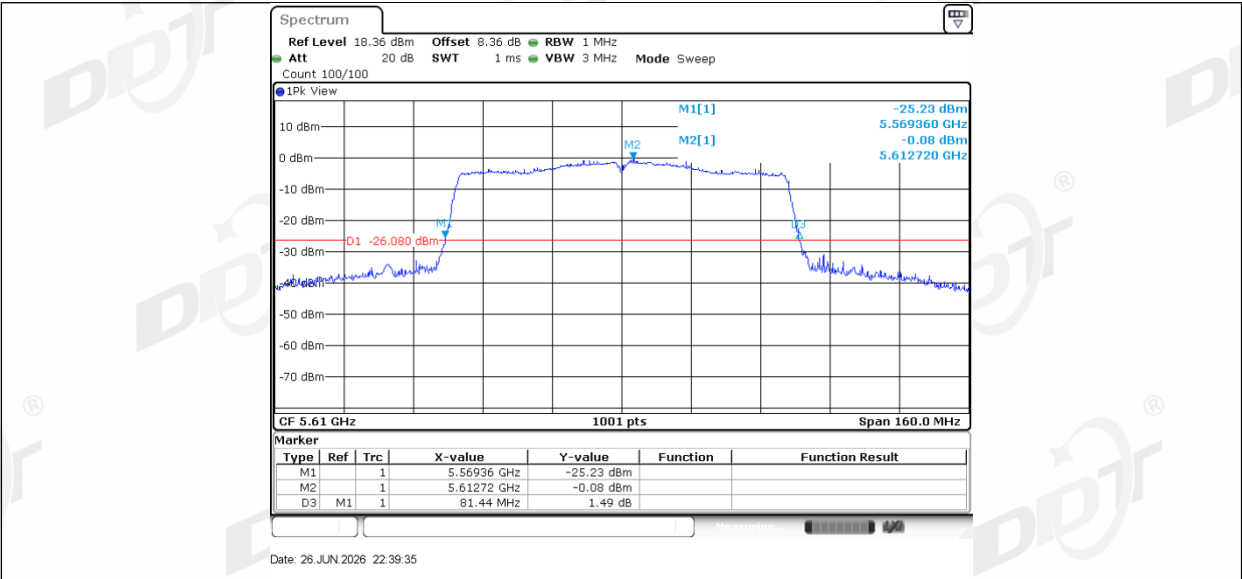
11AC80SISO Ant1_5290



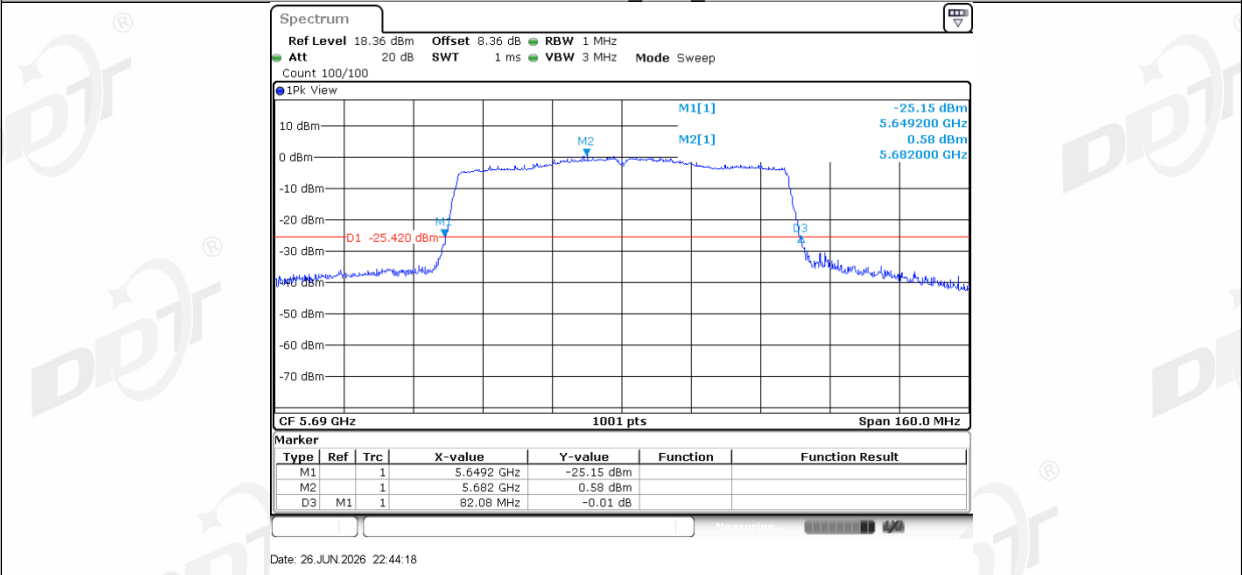
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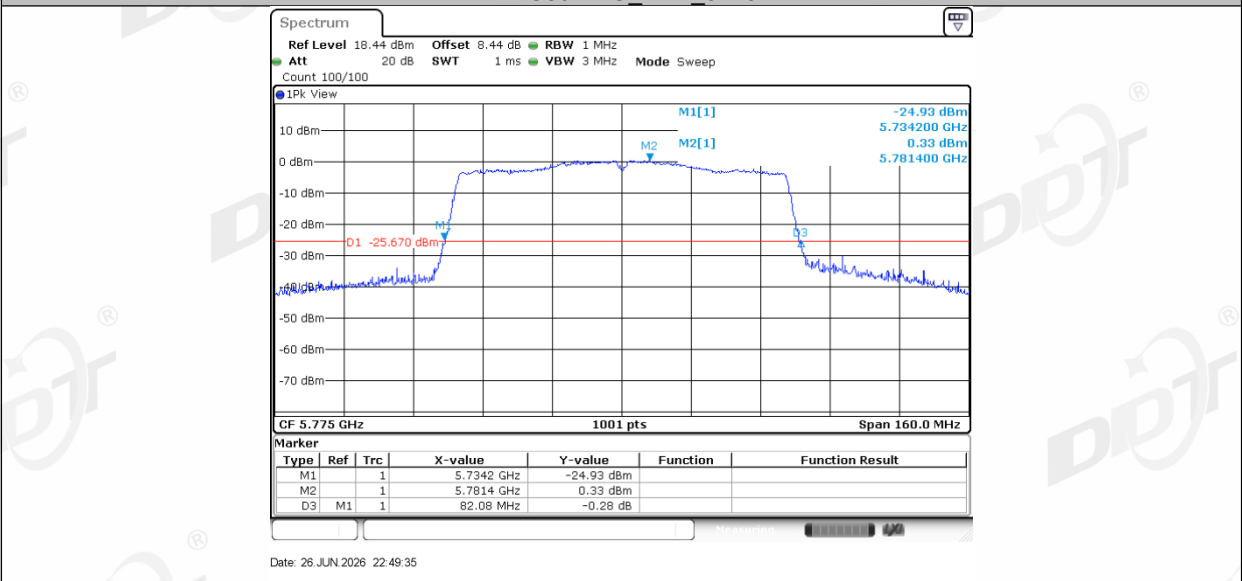
11AC80SISO Ant1_5610



11AC80SISO Ant1_5690

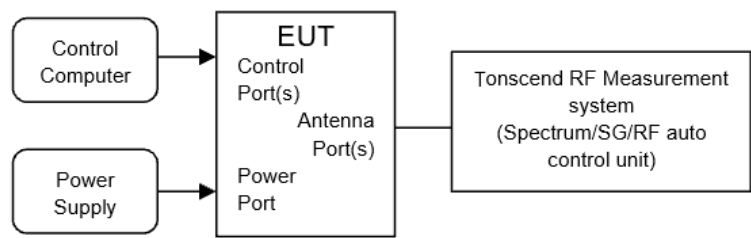


11AC80SISO Ant1_5775



5. 6dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
6 dB Bandwidth	Minimum 500 kHz	5725 - 5850

5.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3 RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

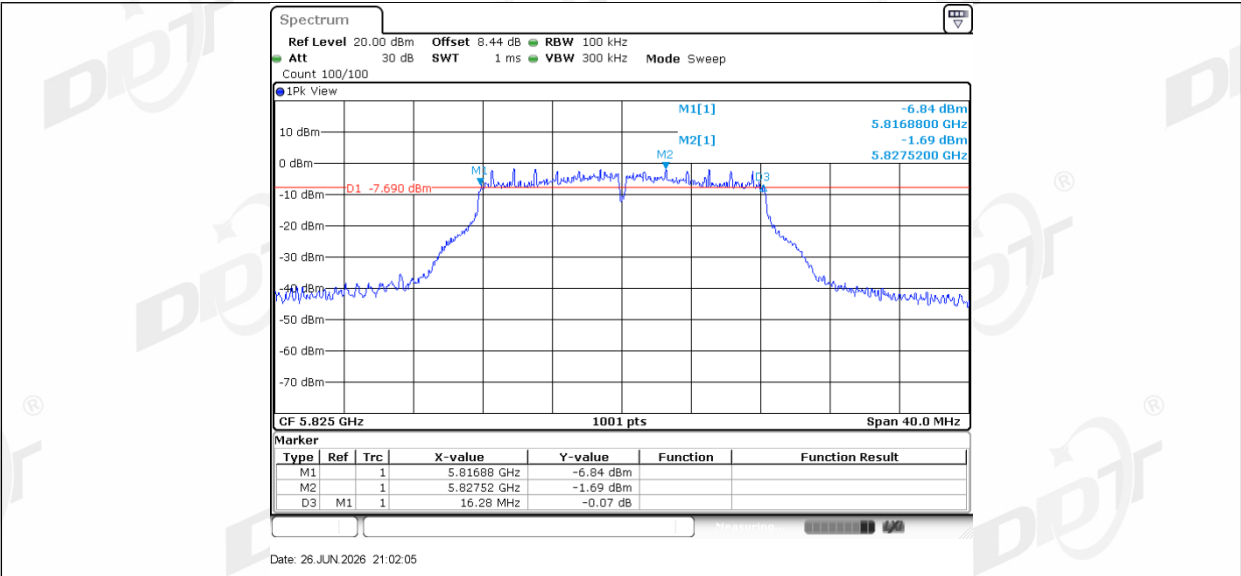
5.4. Test result B4

Test Engineer:	Tan Shaofeng	Test Site:	RF Test System 5#
Ambient Condition:	24.5-26.3℃,40.3-46.5%RH	Test Date:	2026.6.24-2026.7.11
Test Power Supply:	DC 48V	Sample Number:	S26051409-004

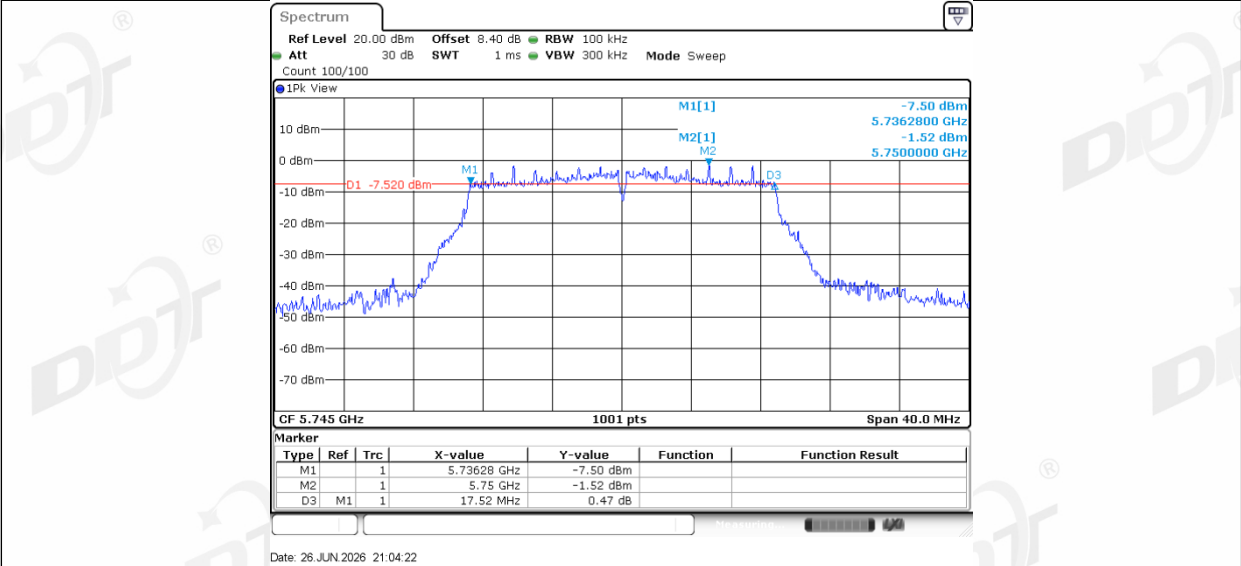
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.88	5753.20	0.5	PASS
		5785	16.28	5776.88	5793.16	0.5	PASS
		5825	16.28	5816.88	5833.16	0.5	PASS
11N20SISO	Ant1	5745	17.52	5736.28	5753.80	0.5	PASS
		5785	17.52	5776.28	5793.80	0.5	PASS
		5825	17.32	5816.24	5833.56	0.5	PASS
11N40SISO	Ant1	5755	35.84	5737.08	5772.92	0.5	PASS
		5795	36.08	5776.92	5813.00	0.5	PASS
11AC20SISO	Ant1	5745	17.52	5736.28	5753.80	0.5	PASS
		5785	17.32	5776.24	5793.56	0.5	PASS
		5825	17.56	5816.24	5833.80	0.5	PASS
11AC40SISO	Ant1	5755	35.76	5737.16	5772.92	0.5	PASS
		5795	36.08	5776.84	5812.92	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

5.5. Test graphs B4

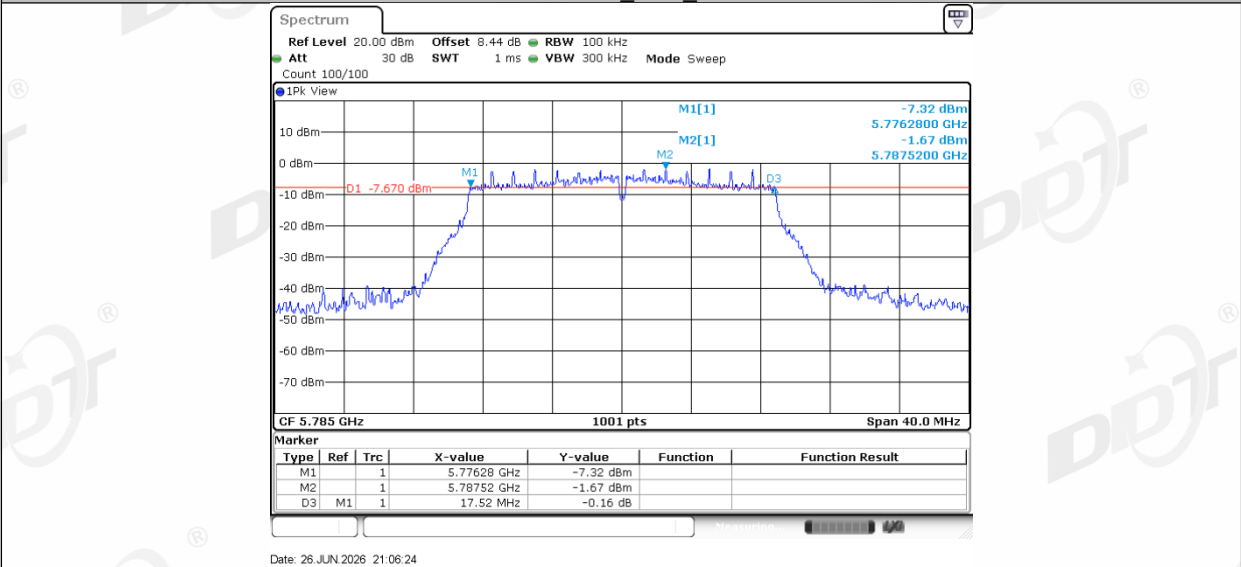




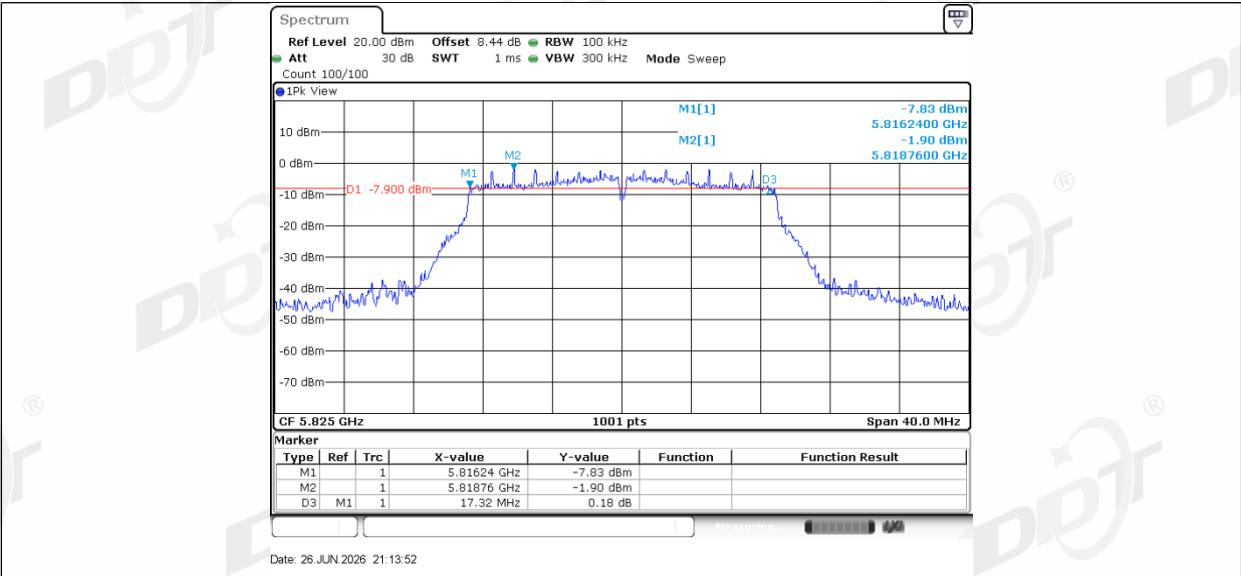
11N20SISO_Ant1_5745



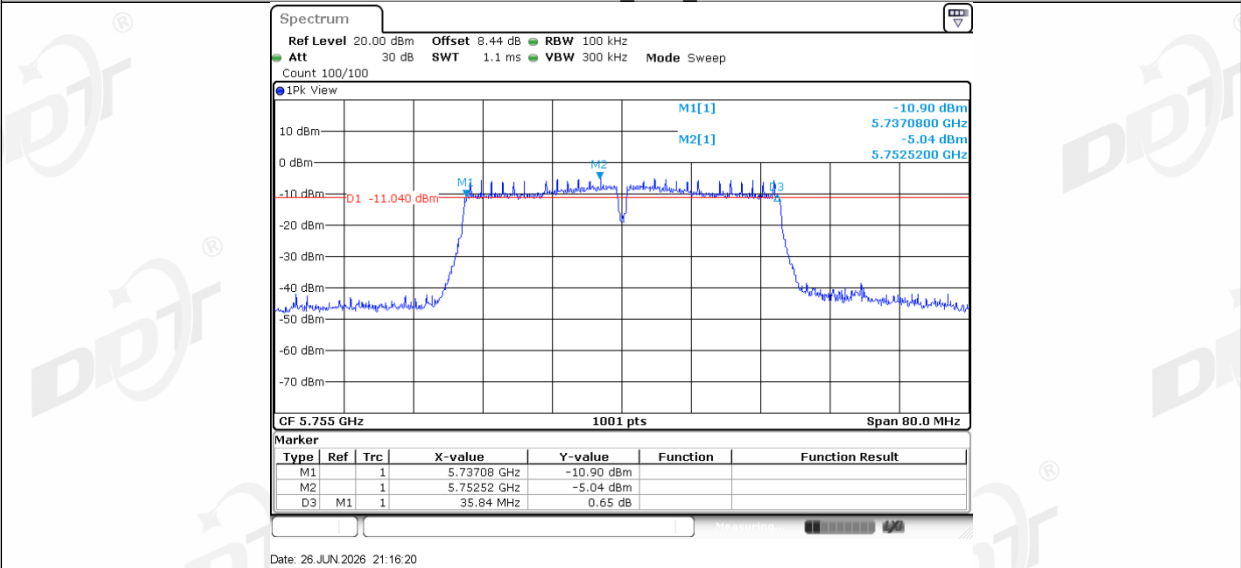
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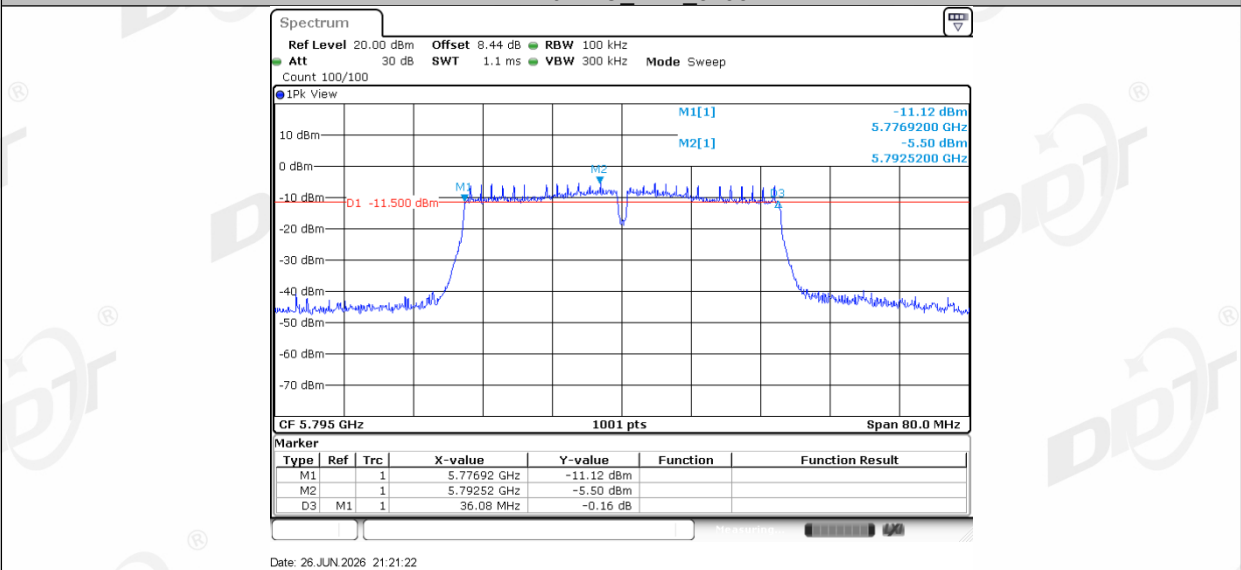
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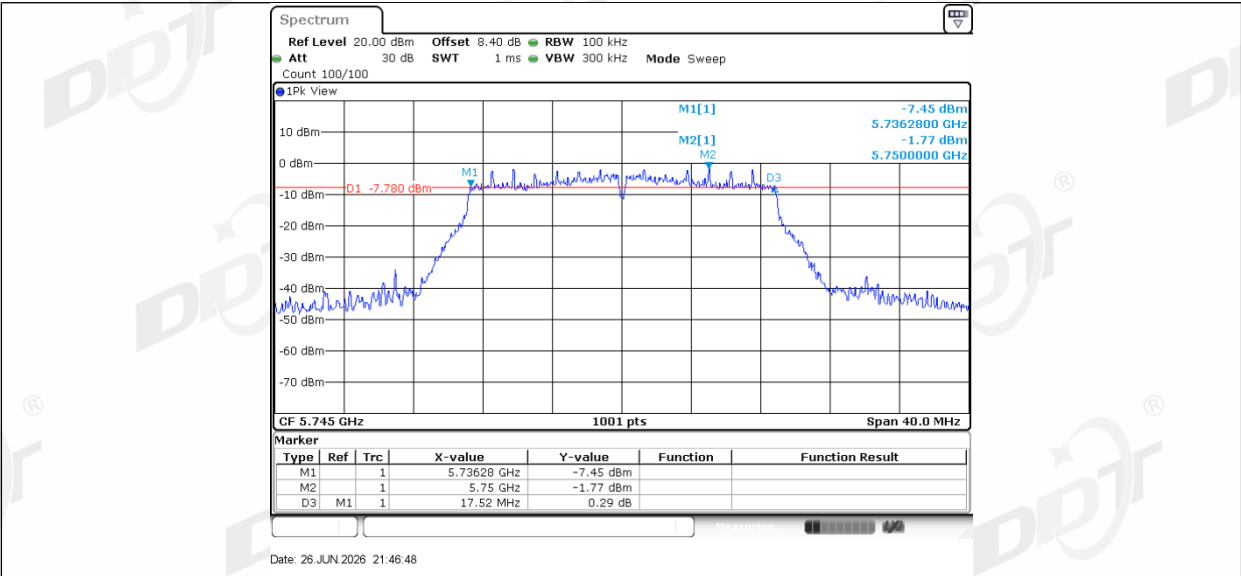
11N40SISO_Ant1_5755



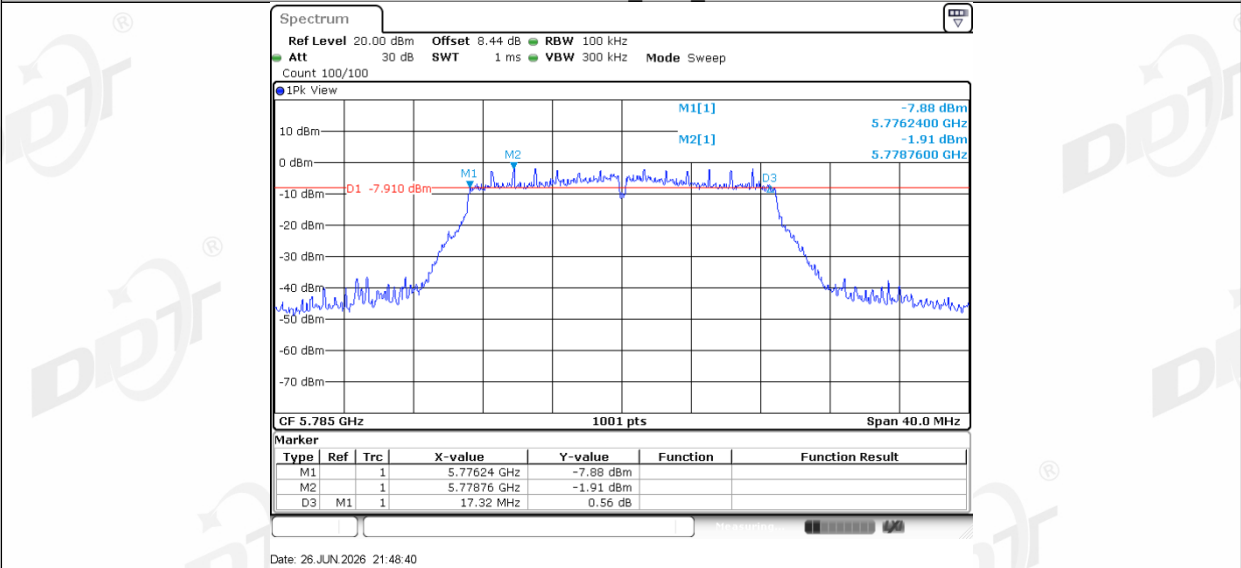
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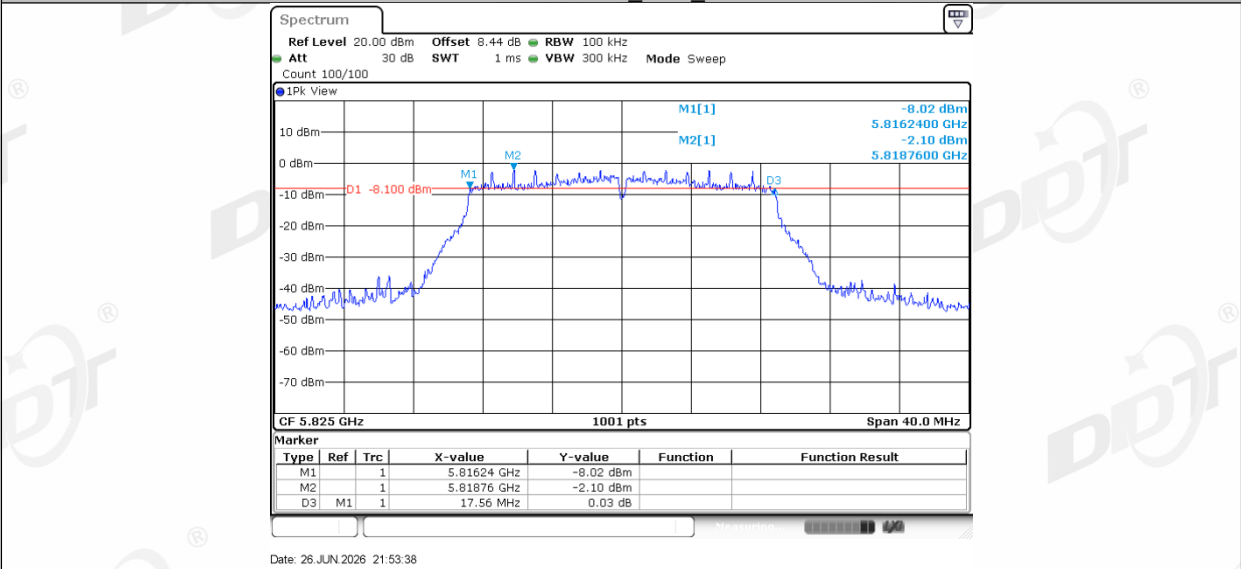
11A20SISO_Ant1_5745



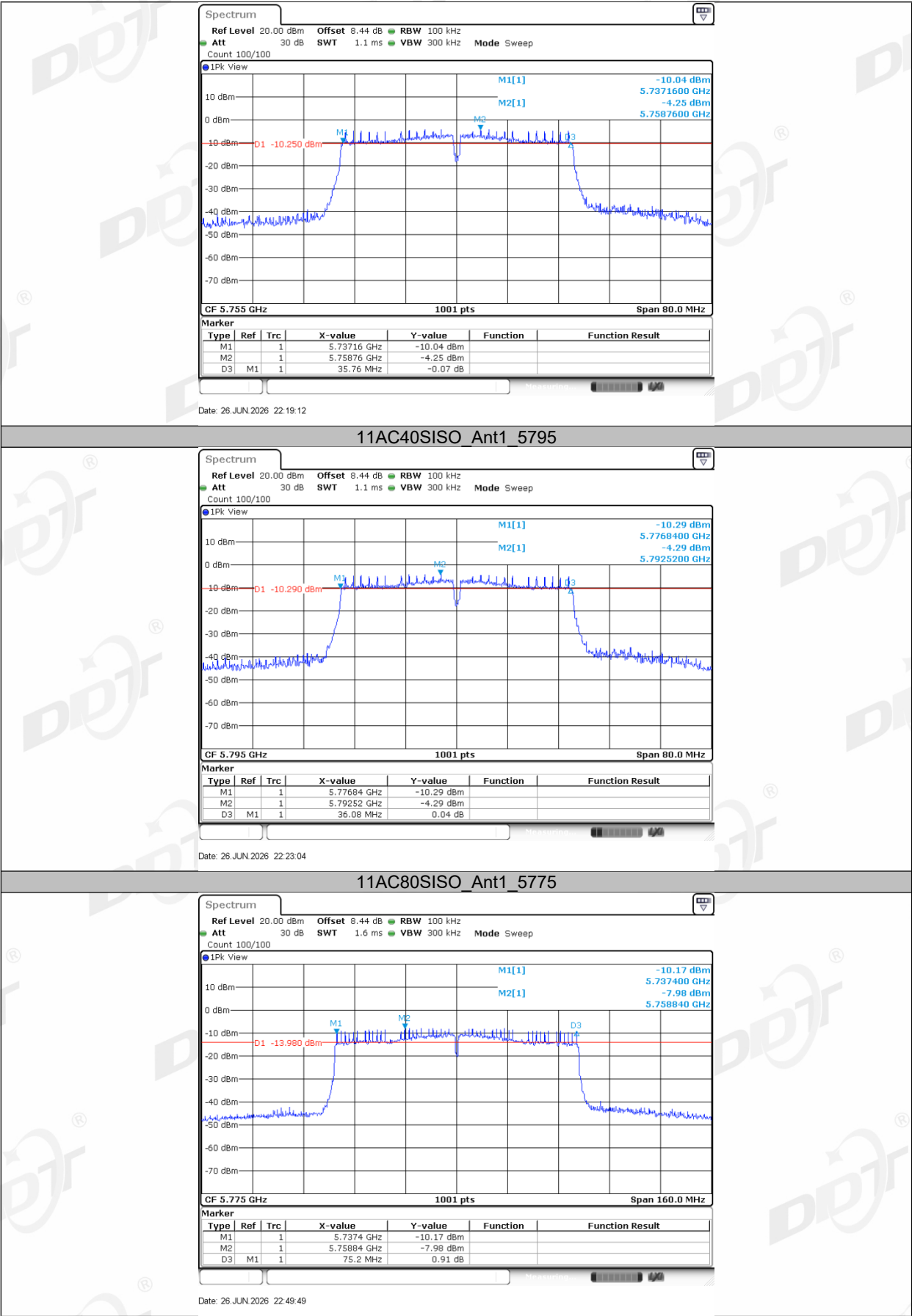
11AC20SISO Ant1_5785



11AC20SISO Ant1_5825

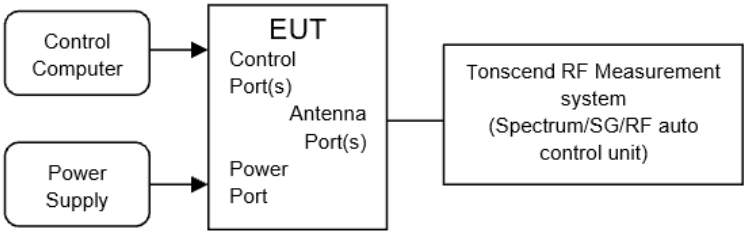


11AC40SISO Ant1_5755



6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

(1) Connect EUT’s antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

6.4. Test result

Test Engineer:	Tan Shaofeng	Test Site:	RF Test System 5#
Ambient Condition:	24.5-26.3℃,40.3-46.5%RH	Test Date:	2026.6.24-2026.7.11
Test Power Supply:	DC 48V	Sample Number:	S26051409-004

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.662	5171.1289	5188.7912	---	---
		5200	17.662	5191.1289	5208.7912	---	---
		5240	17.742	5231.0889	5248.8312	---	---
		5260	17.622	5251.1688	5268.7912	---	---
		5280	17.702	5271.0889	5288.7912	---	---
		5320	17.702	5311.1688	5328.8711	---	---
		5500	17.742	5491.0889	5508.8312	---	---
		5580	17.702	5571.0889	5588.7912	---	---
		5700	17.742	5691.0889	5708.8312	---	---
		5720	17.702	5711.1289	5728.8312	---	---
		5720 UNII-2C	13.871	5711.1289	5725	---	---
		5720 UNII-3	3.831	5725	5728.8312	---	---
		5745	17.782	5736.0889	5753.8711	---	---
		5785	17.782	5776.0490	5793.8312	---	---
		5825	17.702	5816.0490	5833.7512	---	---
11N20SISO	Ant1	5180	18.581	5170.7293	5189.3107	---	---
		5200	18.621	5190.7293	5209.3506	---	---
		5240	18.581	5230.7293	5249.3107	---	---
		5260	18.621	5250.6893	5269.3107	---	---
		5280	18.541	5270.7293	5289.2707	---	---
		5320	18.621	5310.7692	5329.3906	---	---
		5500	18.581	5490.7293	5509.3107	---	---
		5580	18.581	5570.7293	5589.3107	---	---
		5700	18.621	5690.6893	5709.3107	---	---
		5720	18.581	5710.7293	5729.3107	---	---
		5720 UNII-2C	14.271	5710.7293	5725	---	---
		5720 UNII-3	4.311	5725	5729.3107	---	---
		5745	18.621	5735.7293	5754.3506	---	---
		5785	18.621	5775.6893	5794.3107	---	---
		5825	18.661	5815.6494	5834.3107	---	---
11N40SISO	Ant1	5190	36.603	5171.6983	5208.3017	---	---
		5230	36.603	5211.6983	5248.3017	---	---
		5270	36.523	5251.7782	5288.3017	---	---
		5310	36.683	5291.6983	5328.3816	---	---
		5510	36.603	5491.6983	5528.3017	---	---
		5550	36.603	5531.6983	5568.3017	---	---
		5670	36.523	5651.8581	5688.3816	---	---
		5710	36.523	5691.7782	5728.3017	---	---
		5710 UNII-2C	33.222	5691.7782	5725	---	---
		5710 UNII-3	3.302	5725	5728.3017	---	---
		5755	36.603	5736.7782	5773.3816	---	---
		5795	36.603	5776.6983	5813.3017	---	---
		5180	18.541	5170.7692	5189.3107	---	---
		5200	18.581	5190.7293	5209.3107	---	---
		5240	18.541	5230.7293	5249.2707	---	---
11AC20SISO	Ant1	5260	18.581	5250.6893	5269.2707	---	---
		5280	18.621	5270.6893	5289.3107	---	---
		5320	18.661	5310.7293	5329.3906	---	---
		5500	18.621	5490.6893	5509.3107	---	---
		5580	18.541	5570.7293	5589.2707	---	---
		5700	18.581	5690.7293	5709.3107	---	---
		5720	18.581	5710.7293	5729.3107	---	---
		5720 UNII-2C	14.271	5710.7293	5725	---	---
		5720 UNII-3	4.311	5725	5729.3107	---	---
		5745	18.621	5735.6893	5754.3107	---	---

11AC40SIS O	Ant1	5785	18.621	5775.6893	5794.3107	---	---
		5825	18.581	5815.6893	5834.2707	---	---
		5190	36.683	5171.6983	5208.3816	---	---
		5230	36.683	5211.6983	5248.3816	---	---
		5270	36.523	5251.7782	5288.3017	---	---
		5310	36.603	5291.7782	5328.3816	---	---
		5510	36.523	5491.7782	5528.3017	---	---
		5550	36.603	5531.6983	5568.3017	---	---
		5670	36.603	5651.7782	5688.3816	---	---
		5710	36.683	5691.6983	5728.3816	---	---
		5710_UNII-2C	33.302	5691.6983	5725	---	---
		5710_UNII-3	3.382	5725	5728.3816	---	---
		5755	36.683	5736.6983	5773.3816	---	---
		5795	36.603	5776.6983	5813.3017	---	---
11AC80SIS O	Ant1	5210	75.764	5172.2777	5248.0420	---	---
		5290	75.924	5252.1179	5328.0420	---	---
		5530	75.924	5492.1179	5568.0420	---	---
		5610	75.764	5572.1179	5647.8821	---	---
		5690	75.764	5652.2777	5728.0420	---	---
		5690_UNII-2C	72.722	5652.2777	5725	---	---
		5690_UNII-3	3.042	5725	5728.0420	---	---
		5775	75.764	5737.1179	5812.8821	---	---

6.5. Test graphs

