

FCC CERTIFICATION TEST REPORT

FOR

Applicant	:	Shenzhen SDMC Technology Co.,Ltd.
Address	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China
Equipment under Test	:	StrideGym AI TV
Model No.	:	ST2-CX-30D-US
Trade Mark	:	 STRIDE GYM
FCC ID	:	2AW68-DV8886
Manufacturer	:	Gear Interactive Co. Ltd
Address	:	15/F, Tower 2, Fang Da City, Long Zhu Si Road, Nanshan District, Shenzhen, China

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

Add.: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park,
Dongguan City, Guangdong Province, China, 523808

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

REPORT

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Test Report Declare

Applicant	:	Shenzhen SDMC Technology Co.,Ltd.
Address	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China
Equipment under Test	:	StrideGym AI TV
Model No.	:	ST2-CX-30D-US
Trade Mark	:	 STRIDE GYM
Manufacturer	:	Gear Interactive Co. Ltd
Address	:	15/F, Tower 2, Fang Da City, Long Zhu Si Road, Nanshan District, Shenzhen, China

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E

Test procedure used:

ANSI C63.10:2013, 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 Dongguan 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 Dongguan Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No:	DDT-R22081816-2E04		
Date of Receipt:	Sep. 16, 2022	Date of Test:	Sep. 16, 2022 ~ Oct. 08, 2022

Prepared By:

Johnny Wang

Johnny Wang/Engineer

Approved By:



Damon Hu/EMC Manager

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

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Oct. 08, 2022	

1. Summary of Test Results

The EUT have been tested according to the applicable standards as referenced below.

Description of Test Item	Standard	Results
6/26db Bandwidth	FCC 15.407 (e)	Pass
Maximum Conducted Output Power	FCC 15.407 (a)	Pass
Power Spectral Density	FCC 15.407 (a)	Pass
Frequency Stability Measurement	FCC 15.407 (g)	Pass
Emissions in restricted frequency bands	FCC 15.407 (a) FCC 15.209 FCC 15.205	Pass
Band Edge Compliance	FCC 15.407 (a) FCC 15.209 FCC 15.205	Pass
Power Line Conducted Emission	FCC 15.207	Pass
Antenna requirement	FCC 15.203	Pass
Dynamic Frequency Selection	FCC 15.407 (h)	Pass

2. General test information

2.1. Description of EUT

EUT* Name	: StrideGym AI TV
Model Number	: ST2-CX-30D-US
EUT function description	: Please reference user manual of this device
Power supply	: DC 12V powered by external adapter
Radio Technology	: IEEE 802.11a/n/ac
Operation frequency	: IEEE 802.11a: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11n HT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11n HT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5795MHz IEEE 802.11ac HT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11ac HT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5795MHz IEEE 802.11ac HT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5775MHz
Modulation	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Transmitter rate	: IEEE 802.11a: up to 54 Mbps IEEE 802.11n HT20: up to 144.4 Mbps IEEE 802.11n HT40: up to 300 Mbps IEEE 802.11ac VHT20: up to 173.4 Mbps IEEE 802.11ac VHT40: up to 400 Mbps IEEE 802.11ac VHT80: up to 866.6 Mbps
Antenna Type	: Antenna 1: PCB antenna, Maximum PK gain: 6.1 dBi Antenna 2: PCB antenna, Maximum PK gain: 4.51 dBi
Sample Type	: Series production
Sample Number	: S22081816-02

Note: EUT is the ab. of equipment under test.

Antenna information			
	Ant1 gain	Ant2 gain	MIMO
IEEE 802.11a	6.1	4.51	/
IEEE 802.11n HT20	6.1	4.51	8.35
IEEE 802.11n HT40	6.1	4.51	8.35
IEEE 802.11ac VHT20	6.1	4.51	8.35
IEEE 802.11ac VHT40	6.1	4.51	8.35
IEEE 802.11ac VHT80	6.1	4.51	8.35
This EUT supports MIMO 2X2, any transmit signals are correlated with each other, according to KDB 662911, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}] = 8.35 \text{ dBi}$.			

Channel information					
IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (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	/	/
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	/	/	/	/
124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
134	5680	/	/	/	/
140	5700	/	/	/	/
UNII-3					
149	5745	151	5755	155	5725
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/

2.2. Accessories of EUT

Description of Accessories	Manufacturer	Model number	Serial No.	Other
AC ADAPTER	N/A	SA12BV-120100U	N/A	Input: 100-240V ~ 50/60Hz 0.4A Output: DC 12V1A
AC ADAPTER	Shenzhen Tianyin Electronics Co., Ltd.	TPQ-368D120100UW01	N/A	Input: 100-240V ~ 50/60Hz 0.4A Output: DC 12V1A
Remote control	N/A	N/A	N/A	N/A
Camera	N/A	N/A	N/A	N/A
RJ 45 cable	N/A	N/A	N/A	N/A
HDMI cable	N/A	N/A	N/A	N/A

2.3. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	EMC Compliance	SN
N/A	N/A	N/A	N/A	N/A

2.4. Block diagram of EUT configuration for test



Test software: adb.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: 0.5dB (According to the manufacturer's claims)

Tested mode, channel, and data rate information					
Mode	Setting Tx Power		data rate (Mbps) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11a	default	default	6	Low: CH36	5180
	default	default	6	Middle: CH40	5200
	default	default	6	High: CH48	5240
	default	default	6	Low: CH52	5260
	default	default	6	Middle: CH56	5280
	default	default	6	High: CH64	5320
	default	default	6	Low: CH100	5500
	default	70	6	Middle: CH116	5580
	default	default	6	High: CH140	5700
	default	default	6	Low: CH149	5745
	default	default	6	Middle: CH157	5785
	default	default	6	High: CH165	5825
IEEE 802.11n HT20	70	70	MCS 8	Low: CH36	5180
	70	70	MCS 8	Middle: CH40	5200
	70	70	MCS 8	High: CH48	5240
	70	70	MCS 8	Low: CH52	5260
	70	70	MCS 8	Middle: CH56	5280
	70	70	MCS 8	High: CH64	5320
	70	70	MCS 8	Low: CH100	5500
	70	70	MCS 8	Middle: CH116	5580
	70	70	MCS 8	High: CH140	5700
	70	70	MCS 8	Low: CH149	5745
	70	70	MCS 8	Middle: CH157	5785
	70	70	MCS 8	High: CH165	5825
IEEE 802.11n HT40	75	75	MCS 8	Low: CH38	5190
	75	75	MCS 8	Middle: CH46	5230
	75	75	MCS 8	High: CH54	5270
	75	75	MCS 8	Low: CH62	5310
	75	75	MCS 8	Middle: CH102	5510
	75	75	MCS 8	High: CH110	5550

	75	75	MCS 8	Low: CH134	5670
	75	75	MCS 8	Middle: CH151	5755
	75	75	MCS 8	High: CH159	5795
IEEE 802.11ac VHT20	70	70	MCS 0	Low: CH36	5180
	70	70	MCS 0	Middle: CH40	5200
	70	70	MCS 0	High: CH48	5240
	70	70	MCS 0	Low: CH52	5260
	70	70	MCS 0	Middle: CH56	5280
	70	70	MCS 0	High: CH64	5320
	70	70	MCS 0	Low: CH100	5500
	70	70	MCS 0	Middle: CH116	5580
	70	70	MCS 0	High: CH140	5700
	70	70	MCS 0	Low: CH149	5745
	70	70	MCS 0	Middle: CH157	5785
	70	70	MCS 0	High: CH165	5825
IEEE 802.11ac VHT40	75	75	MCS 0	Low: CH38	5190
	75	75	MCS 0	Middle: CH46	5230
	75	75	MCS 0	High: CH54	5270
	75	75	MCS 0	Low: CH62	5310
	75	75	MCS 0	Middle: CH102	5510
	75	75	MCS 0	High: CH110	5550
	75	75	MCS 0	Low: CH134	5670
	75	75	MCS 0	Middle: CH151	5755
	75	75	MCS 0	High: CH159	5795
IEEE 802.11ac VHT80	70	70	MCS 0	CH42	5210
	70	70	MCS 0	CH58	5290
	70	70	MCS 0	CH106	5530
	70	70	MCS 0	CH122	5610
	70	70	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:	+21 °C to +25 °C
Humidity range:	40% to 75%
Pressure range:	86 kPa to 106 kPa

2.7. Test laboratory

Dongguan Dongdian Testing Service Co., Ltd.

Add.: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City,
Guangdong Province, 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-20155, G-20118

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
	1.66 dB ($8 \text{ GHz} \leq f < 22 \text{ GHz}$)
Uncertainty for radio frequency (RBW<20kHz)	3×10^{-8}
Temperature	0.4°C
Humidity	2%
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30MHz-1GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1GHz-40GHz)	4.10 dB (1-6 GHz)
	4.40 dB (6 GHz-18 GHz)
	3.54 dB (18 GHz-26 GHz)
	4.30 dB (26 GHz-40 GHz)
Uncertainty for Power line conduction emission test	3.32 dB (150 kHz-30 MHz)

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

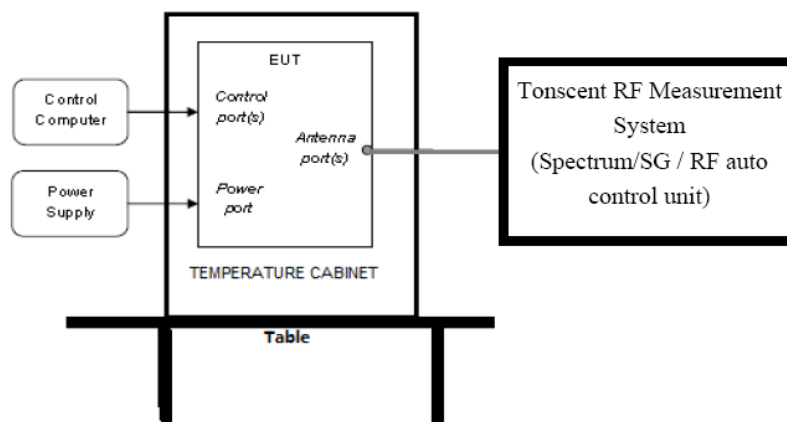
3. Equipment Used During Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑RF Connected Test (Tonscend RF Measurement System 3#)					
Signal & Spectrum analyzer	R&S	FSV40	101407	Jul. 21, 2022	1 Year
Wideband Radio Communication tester	R&S	CMW500	117491	May 18, 2022	1 Year
Vector Signal Generator	Agilent	N5182A	MY19060405	May 18, 2022	1 Year
Vector Signal Generator	Agilent	N5182A	MY48180912	May 18, 2022	1 Year
RF Control Unit	Tonscend	JS0806-2	20C8060230	May 18, 2022	1 Year
Temp&Humi Programmable	ZHIXIANG	ZXGDJS-150L	ZX170110-A	May 26, 2022	1 Year
Test Software	JS Tonscend	JS1120-3	Ver.3.2.22	N/A	N/A
☑RF Connected Test (Tonscend RF Measurement System 4#)					
Signal & Spectrum analyzer	R&S	FSV3044	101173	Apr. 13, 2022	1 Year
Wideband Radio Communication tester	R&S	CMW500	120259	May 26, 2022	1 Year
EXG Analog Signal Generator	KEYSIGHT	N5173A	MY62152058	May 26, 2022	1 Year
Vector Signal Generator	Agilent	E8267D	US49060192	Oct. 15, 2021	1 Year
RF Control Unit	Tonsend	JS0806-2	21I8060485	May 28, 2022	1 Year
Temp&Humi Programmable	ZHIXIANG	ZXGDJS-150L	ZX170110-A	May 26, 2022	1 Year
Test Software	JS Tonscend	JS1120-3	Ver.3.2.22	N/A	N/A
☑Radiation 3#chamber					
EMI Test Receiver	R&S	ESU26	100472	May 19, 2022	1 Year
Spectrum analyzer	Agilent	E4447A	MY50180031	May 17, 2022	1 Year
Active Loop antenna	Schwarzbeck	FMZB-1519	1519-038	Sep. 19, 2021	1 Year
Active Loop antenna	Schwarzbeck	FMZB-1519	1519-038	Sep. 19, 2022	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	01429	Jul. 22, 2022	1 Year
Double Ridged Horn Antenna	Schwarzbeck	BBHA9120 D	02468	Nov. 29, 2021	1 Year
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	790	May 06, 2022	1 Year
Pre-amplifier	COM-POWER	PAM-118A	18040084	Aug.17, 2022	1 Year
Pre-amplifier	COM-POWER	PAM-840A	461369	Apr. 11, 2022	1 Year
RE Cable	N/A	W23.02 CP1-X2 + W23.09 AP1-X8+ JCT26S-NJ- NJ-1.5M+ JCT26S-NJ-	4.5M+8M+1.5M+1.5M	Aug.17, 2022	1 Year

		NJ-1.5M			
RF Cable	Yuhu Technology	JCTB810-NJ-NJ-9M	21123964	May. 19,2022	1 Year
Test software	Audix	E3	V 6.1.1.1	N/A	N/A
☑Power Line Conducted Emissions Test 1#					
Test Receiver	R&S	ESCI	100551	Aug. 26, 2022	1 Year
LISN 1	R&S	ENV216	101109	Aug. 26, 2022	1 Year
LISN 2	R&S	ESH2-Z5	100309	Aug. 26, 2022	1 Year
Pulse Limiter	R&S	ESH3-Z2	101242	Aug. 26, 2022	1 Year
CE Cable 1	HUBSER	N/A	W10.01	Aug. 26, 2022	1 Year
Test software	Audix	E3	V 6.11111b	N/A	N/A
Test Receiver	R&S	ESCI	100551	Aug. 26, 2022	1 Year

4. 26dB Bandwidth, 6dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Bandwidth	26 dB Bandwidth	5150 - 5250
	26 dB Bandwidth	5250 - 5350
	26 dB Bandwidth	5470 - 5725
	Minimum 500 kHz 6 dB Bandwidth	5725 - 5850

4.3. 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	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

(2) 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 and 6 dB relative to the maximum level measured in the fundamental emission.

4.4. Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.60	5170.76	5189.36	---	---
	Ant2	5180	18.68	5170.68	5189.36	---	---
	Ant1	5200	18.56	5190.68	5209.24	---	---
	Ant2	5200	18.88	5190.52	5209.40	---	---
	Ant1	5240	18.64	5230.68	5249.32	---	---
	Ant2	5240	18.88	5230.52	5249.40	---	---
	Ant1	5260	18.60	5250.72	5269.32	---	---
	Ant2	5260	18.80	5250.56	5269.36	---	---
	Ant1	5280	18.96	5270.44	5289.40	---	---
	Ant2	5280	18.80	5270.56	5289.36	---	---
	Ant1	5320	18.96	5310.48	5329.44	---	---
	Ant2	5320	19.00	5310.48	5329.48	---	---
	Ant1	5500	18.72	5490.60	5509.32	---	---
	Ant2	5500	18.96	5490.44	5509.40	---	---
	Ant1	5580	18.96	5570.44	5589.40	---	---
	Ant2	5580	18.88	5570.64	5589.52	---	---
	Ant1	5700	18.96	5690.48	5709.44	---	---
	Ant2	5700	18.88	5690.56	5709.44	---	---
	Ant1	5745	19.64	5735.60	5755.24	---	---
	Ant2	5745	18.96	5735.44	5754.40	---	---
	Ant1	5785	20.40	5775.44	5795.84	---	---
	Ant2	5785	19.00	5775.60	5794.60	---	---
	Ant1	5825	19.04	5815.32	5834.36	---	---
	Ant2	5825	18.92	5815.52	5834.44	---	---
11N20MIMO	Ant1	5180	19.80	5170.08	5189.88	---	---
	Ant2	5180	19.64	5170.20	5189.84	---	---
	Ant1	5200	19.76	5190.04	5209.80	---	---
	Ant2	5200	19.60	5190.12	5209.72	---	---
	Ant1	5240	19.64	5230.16	5249.80	---	---
	Ant2	5240	19.64	5230.16	5249.80	---	---
	Ant1	5260	19.84	5250.04	5269.88	---	---
	Ant2	5260	19.76	5250.08	5269.84	---	---
	Ant1	5280	19.72	5270.12	5289.84	---	---
	Ant2	5280	19.84	5270.04	5289.88	---	---
	Ant1	5320	19.60	5310.20	5329.80	---	---
	Ant2	5320	19.76	5310.12	5329.88	---	---
	Ant1	5500	19.60	5490.12	5509.72	---	---
	Ant2	5500	22.72	5490.16	5512.88	---	---
	Ant1	5580	19.84	5570.08	5589.92	---	---
	Ant2	5580	19.88	5570.00	5589.88	---	---
	Ant1	5700	19.68	5690.12	5709.80	---	---
	Ant2	5700	19.60	5690.16	5709.76	---	---
	Ant1	5745	19.80	5735.08	5754.88	---	---
	Ant2	5745	19.80	5735.12	5754.92	---	---
	Ant1	5785	19.84	5775.08	5794.92	---	---
	Ant2	5785	19.88	5775.04	5794.92	---	---
	Ant1	5825	19.64	5815.12	5834.76	---	---
	Ant2	5825	19.80	5815.08	5834.88	---	---
11N40MIMO	Ant1	5190	41.52	5169.12	5210.64	---	---

	Ant2	5190	41.60	5168.96	5210.56	---	---
	Ant1	5230	41.20	5209.12	5250.32	---	---
	Ant2	5230	41.60	5208.96	5250.56	---	---
	Ant1	5270	41.76	5249.20	5290.96	---	---
	Ant2	5270	41.36	5249.28	5290.64	---	---
	Ant1	5310	41.36	5289.04	5330.40	---	---
	Ant2	5310	41.20	5289.12	5330.32	---	---
	Ant1	5510	41.52	5489.36	5530.88	---	---
	Ant2	5510	41.28	5489.52	5530.80	---	---
	Ant1	5550	41.20	5529.36	5570.56	---	---
	Ant2	5550	41.44	5529.28	5570.72	---	---
	Ant1	5670	41.36	5649.44	5690.80	---	---
	Ant2	5670	41.92	5649.28	5691.20	---	---
	Ant1	5755	44.16	5733.96	5778.12	---	---
	Ant2	5755	41.28	5734.52	5775.80	---	---
	Ant1	5795	41.52	5774.20	5815.72	---	---
	Ant2	5795	41.92	5774.12	5816.04	---	---
11AC20MIMO	Ant1	5180	19.72	5170.12	5189.84	---	---
	Ant2	5180	19.72	5170.08	5189.80	---	---
	Ant1	5200	19.92	5190.08	5210.00	---	---
	Ant2	5200	19.88	5190.08	5209.96	---	---
	Ant1	5240	19.80	5230.12	5249.92	---	---
	Ant2	5240	19.84	5230.08	5249.92	---	---
	Ant1	5260	19.68	5250.20	5269.88	---	---
	Ant2	5260	19.72	5250.16	5269.88	---	---
	Ant1	5280	19.64	5270.12	5289.76	---	---
	Ant2	5280	19.60	5270.12	5289.72	---	---
	Ant1	5320	19.60	5310.20	5329.80	---	---
	Ant2	5320	19.60	5310.20	5329.80	---	---
	Ant1	5500	19.76	5490.04	5509.80	---	---
	Ant2	5500	20.04	5490.12	5510.16	---	---
	Ant1	5580	19.72	5570.16	5589.88	---	---
	Ant2	5580	19.72	5570.16	5589.88	---	---
	Ant1	5700	19.80	5690.04	5709.84	---	---
	Ant2	5700	19.76	5690.04	5709.80	---	---
	Ant1	5745	19.60	5735.16	5754.76	---	---
	Ant2	5745	19.76	5735.08	5754.84	---	---
	Ant1	5785	19.92	5775.04	5794.96	---	---
	Ant2	5785	19.76	5775.08	5794.84	---	---
	Ant1	5825	19.76	5815.16	5834.92	---	---
	Ant2	5825	19.84	5815.04	5834.88	---	---
11AC40MIMO	Ant1	5190	41.60	5169.04	5210.64	---	---
	Ant2	5190	40.56	5169.76	5210.32	---	---
	Ant1	5230	41.68	5208.96	5250.64	---	---
	Ant2	5230	41.68	5208.80	5250.48	---	---
	Ant1	5270	41.28	5249.44	5290.72	---	---
	Ant2	5270	40.72	5249.52	5290.24	---	---
	Ant1	5310	41.20	5289.36	5330.56	---	---
	Ant2	5310	41.44	5289.44	5330.88	---	---
	Ant1	5510	41.68	5489.28	5530.96	---	---
	Ant2	5510	41.92	5489.12	5531.04	---	---
	Ant1	5550	41.68	5529.28	5570.96	---	---
	Ant2	5550	41.44	5529.44	5570.88	---	---
	Ant1	5670	41.20	5649.36	5690.56	---	---
	Ant2	5670	41.12	5649.52	5690.64	---	---

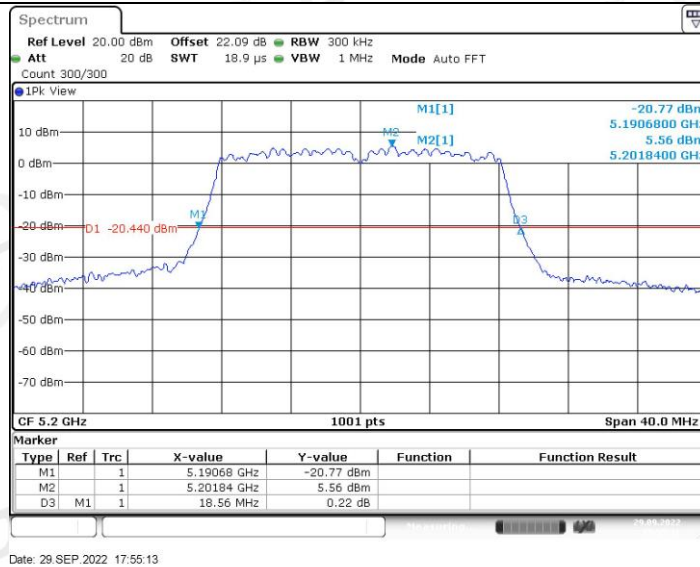
	Ant1	5755	42.32	5734.60	5776.92	---	---
	Ant2	5755	41.68	5734.52	5776.20	---	---
	Ant1	5795	42.64	5774.20	5816.84	---	---
	Ant2	5795	41.36	5774.36	5815.72	---	---
11AC80MIMO	Ant1	5210	80.00	5170.00	5250.00	---	---
	Ant2	5210	80.64	5169.36	5250.00	---	---
	Ant1	5290	80.96	5250.00	5330.96	---	---
	Ant2	5290	80.80	5250.16	5330.96	---	---
	Ant1	5530	80.48	5489.36	5569.84	---	---
	Ant2	5530	80.64	5490.16	5570.80	---	---
	Ant1	5610	80.32	5569.68	5650.00	---	---
	Ant2	5610	80.64	5570.00	5650.64	---	---
	Ant1	5775	79.84	5735.16	5815.00	---	---
	Ant2	5775	79.84	5735.16	5815.00	---	---

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.40	5736.76	5753.16	0.5	PASS
	Ant2	5745	16.36	5736.80	5753.16	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	16.36	5776.80	5793.16	0.5	PASS
	Ant1	5825	16.32	5816.80	5833.12	0.5	PASS
	Ant2	5825	16.28	5816.84	5833.12	0.5	PASS
11N20MIMO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	35.52	5737.08	5772.60	0.5	PASS
	Ant2	5755	35.20	5737.40	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	17.60	5736.16	5753.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant1	5825	17.28	5816.44	5833.72	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11AC40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	32.88	5737.56	5770.44	0.5	PASS
	Ant1	5795	32.64	5779.88	5812.52	0.5	PASS
	Ant2	5795	32.64	5777.40	5810.04	0.5	PASS
11AC80MIMO	Ant1	5775	68.96	5743.64	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS

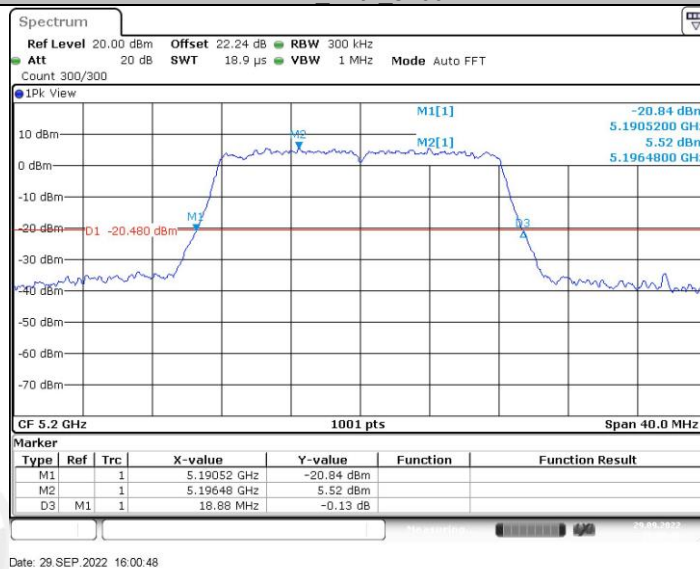
4.5. Original test data

26db EBW:

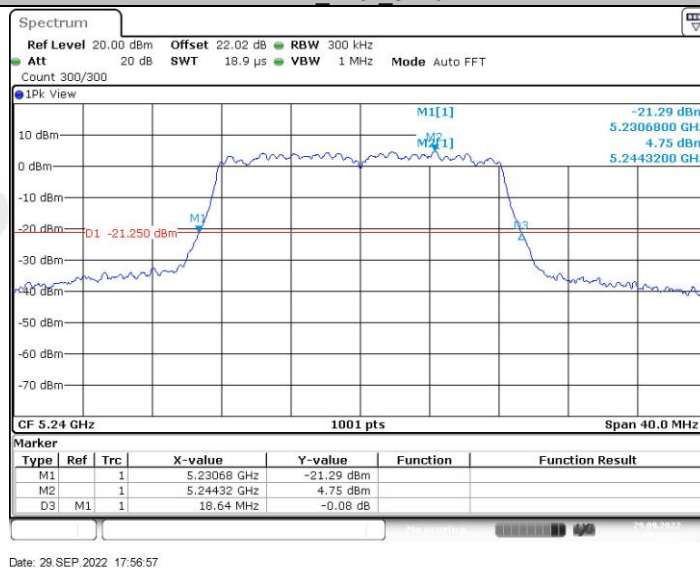




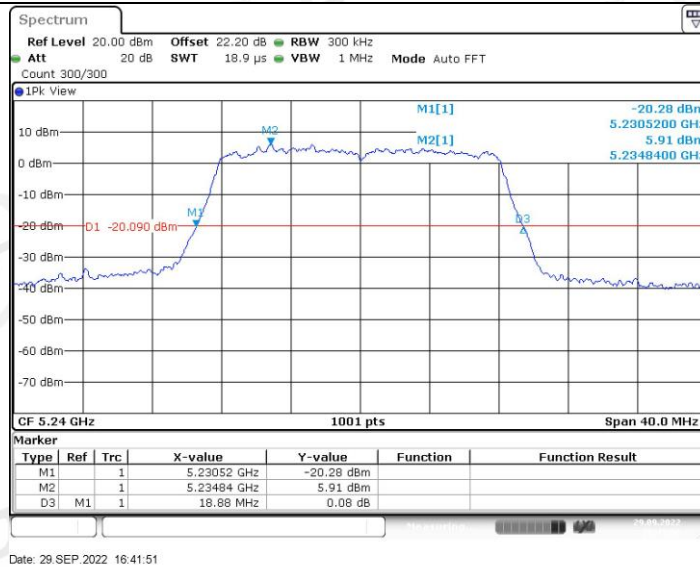
11A Ant2 5200



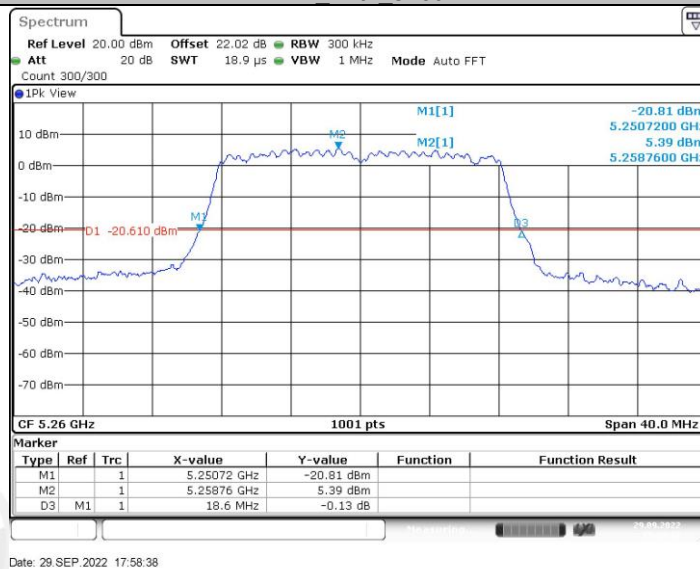
11A Ant1 5240



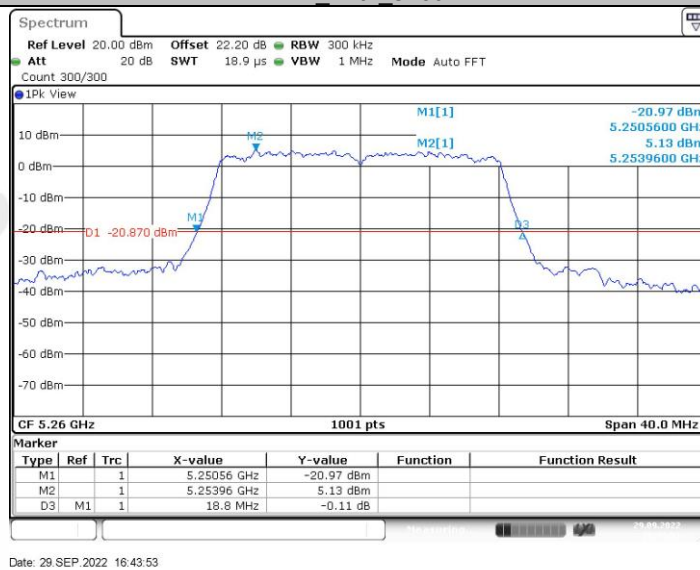
11A Ant2 5240



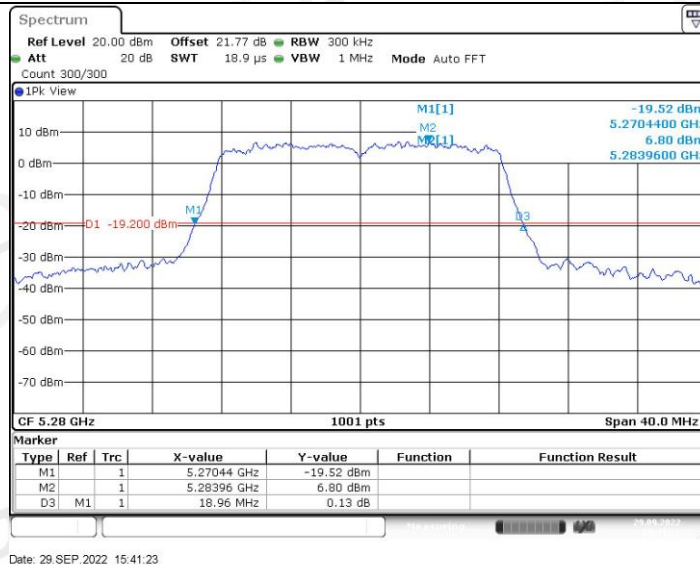
11A Ant1 5260



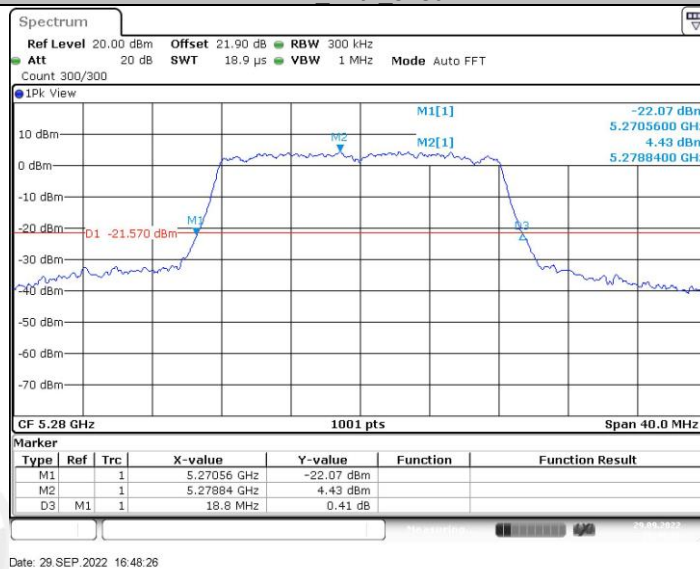
11A Ant2 5260



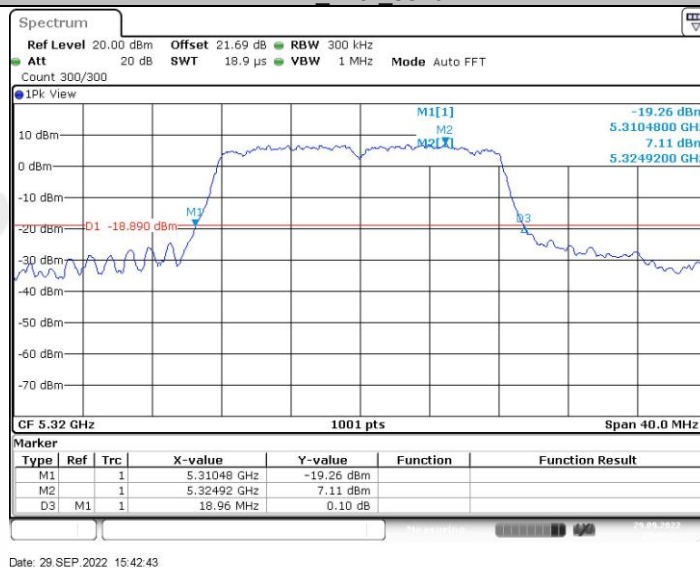
11A Ant1 5280



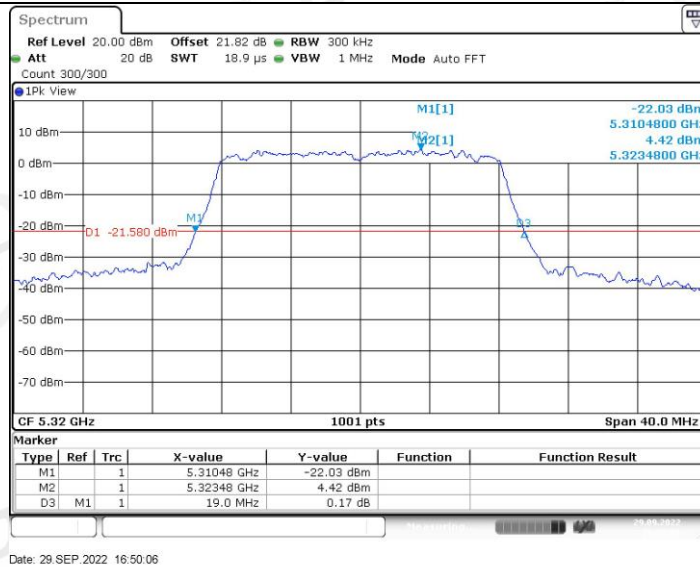
11A Ant2 5280



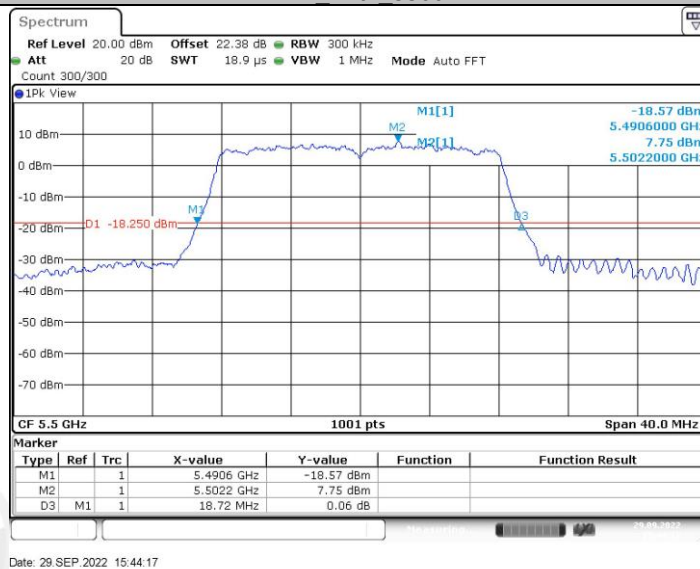
11A Ant1 5320



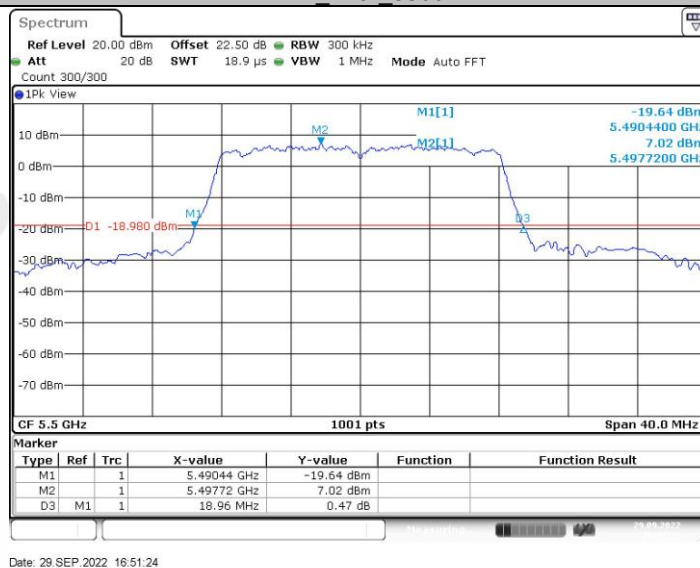
11A Ant2 5320



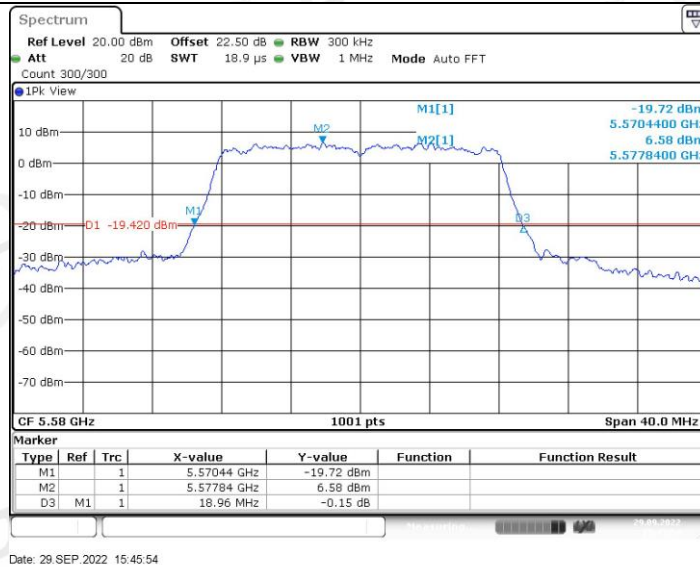
11A Ant1 5500



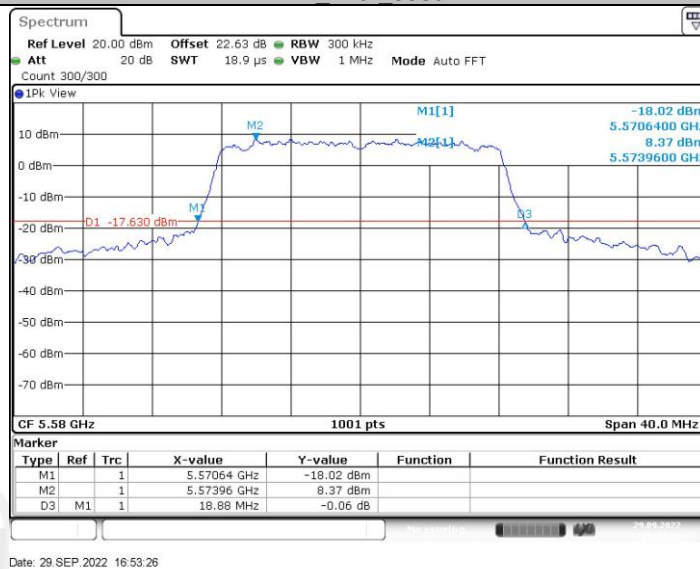
11A Ant2 5500



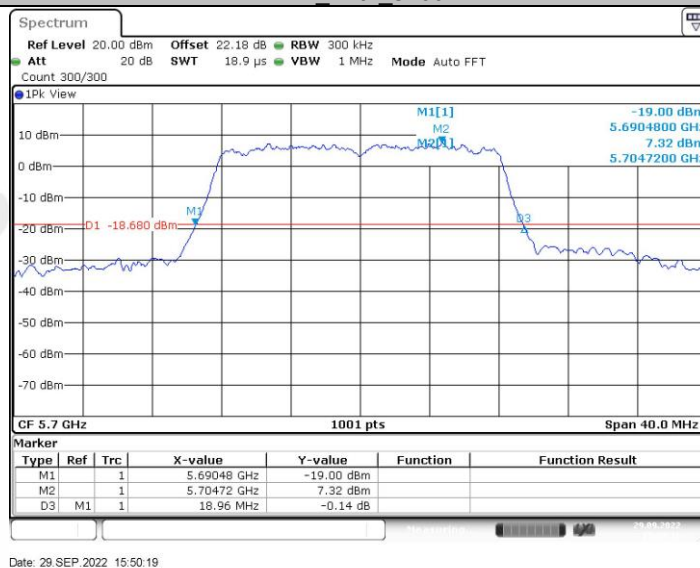
11A Ant1 5580



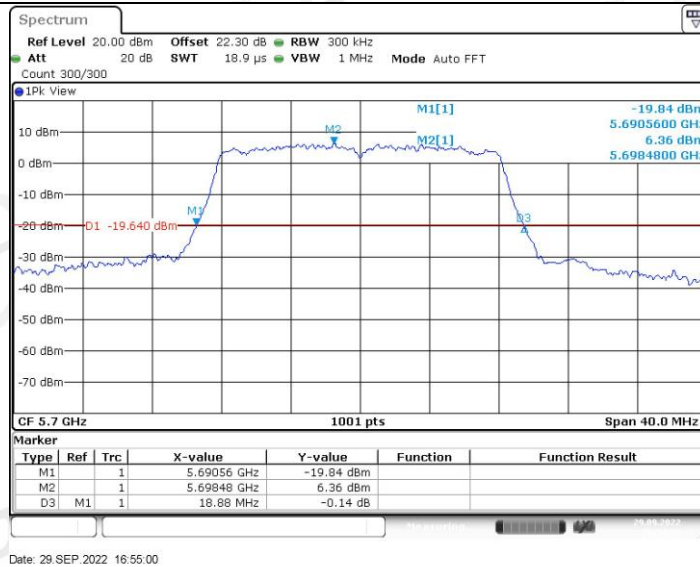
11A Ant2 5580



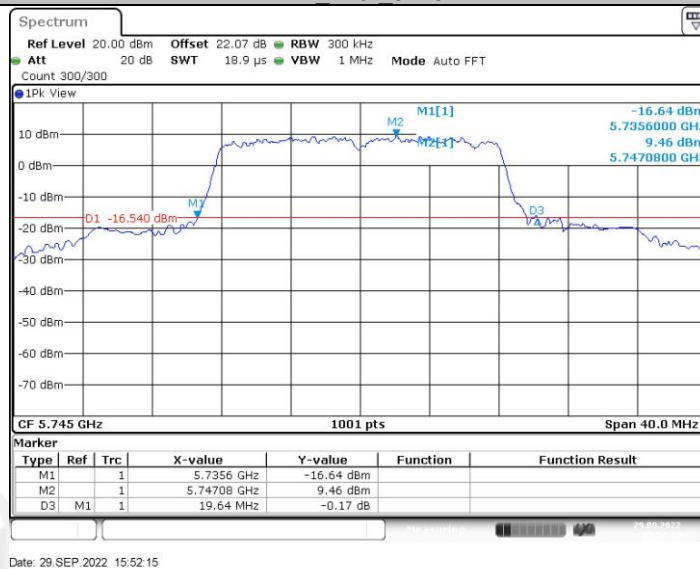
11A Ant1 5700



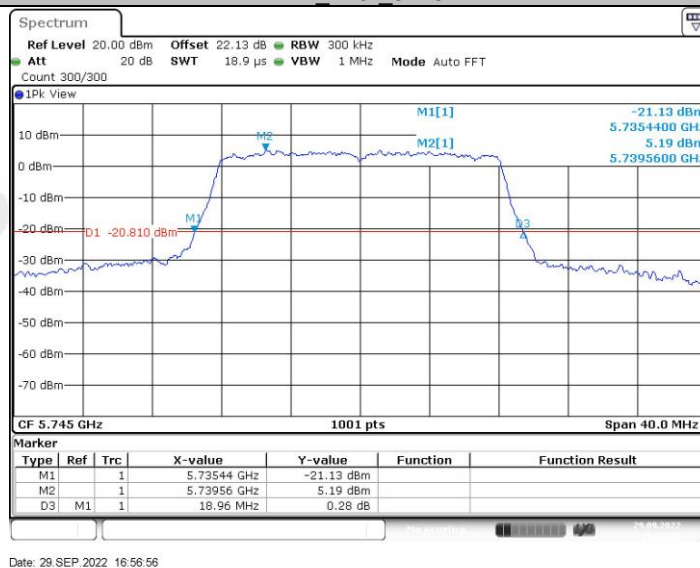
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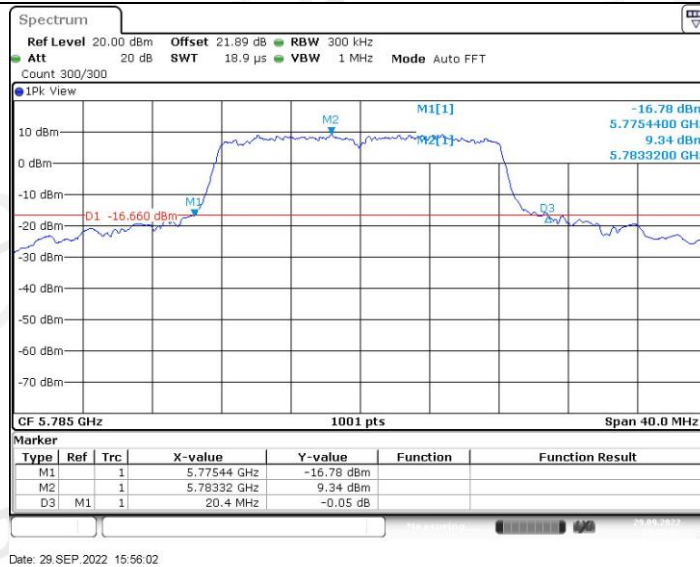
11A Ant1 5745



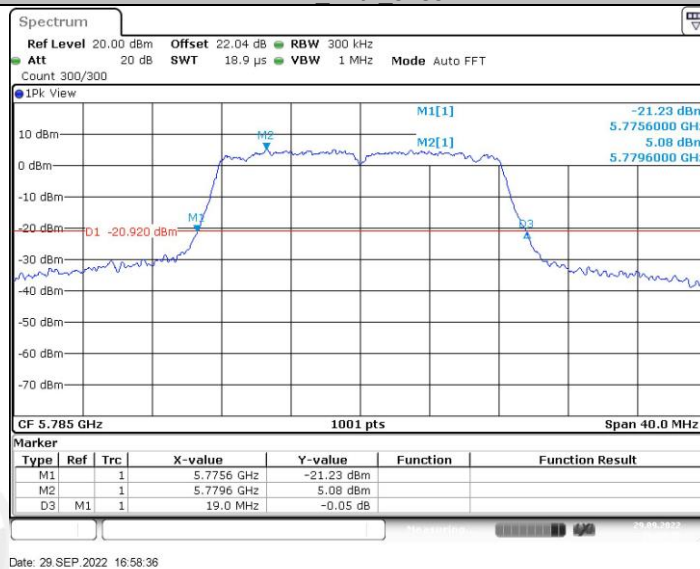
11A Ant2 5745



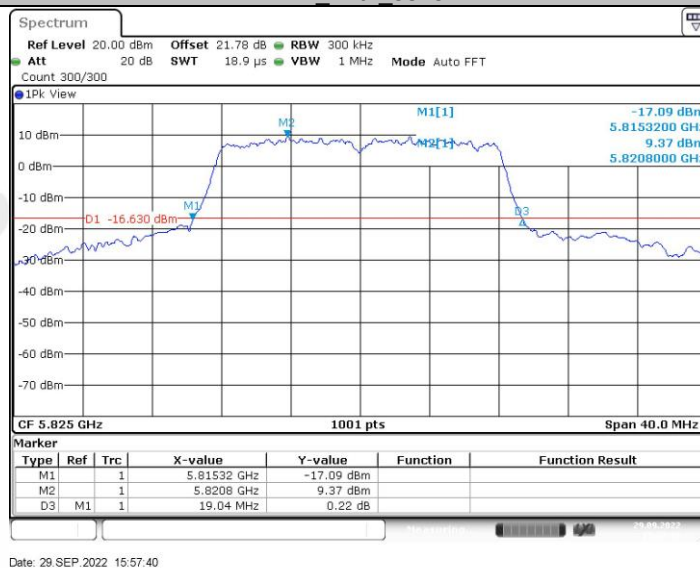
11A Ant1 5785



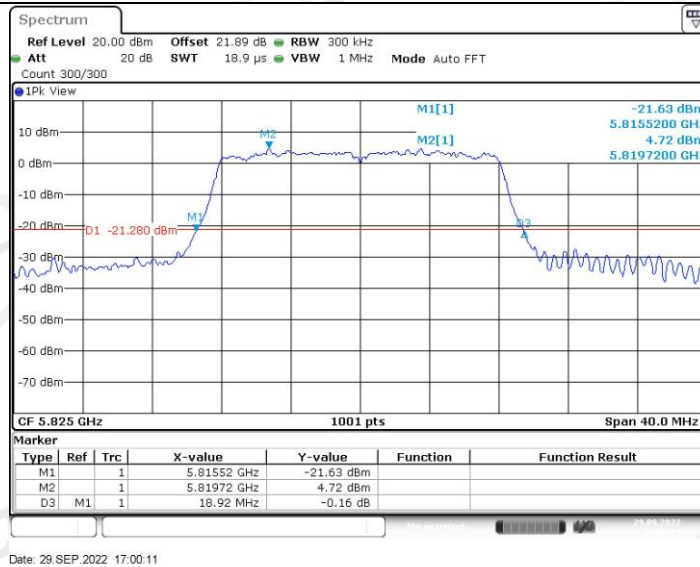
11A Ant2 5785



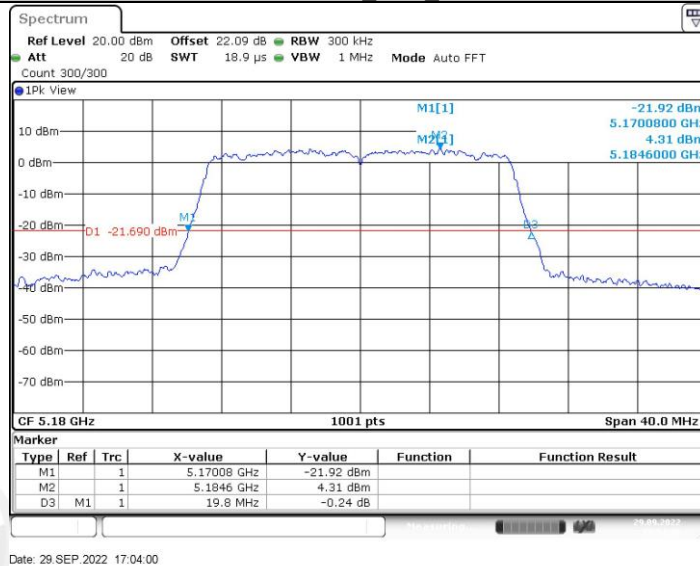
11A Ant1 5825



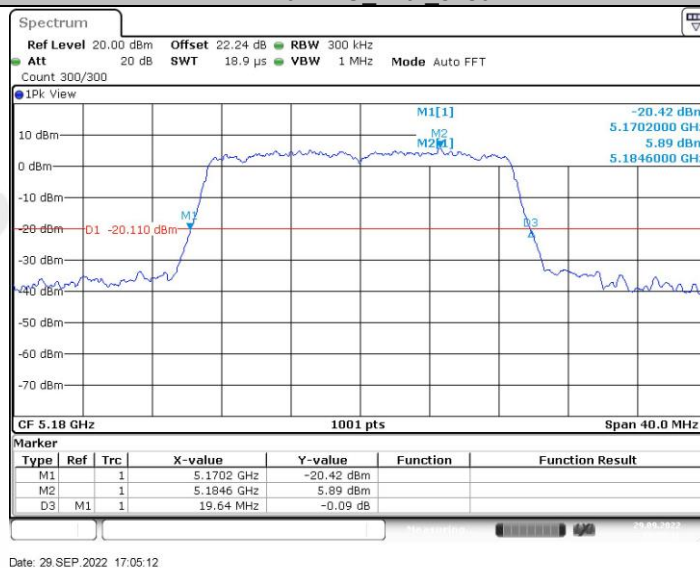
11A Ant2 5825



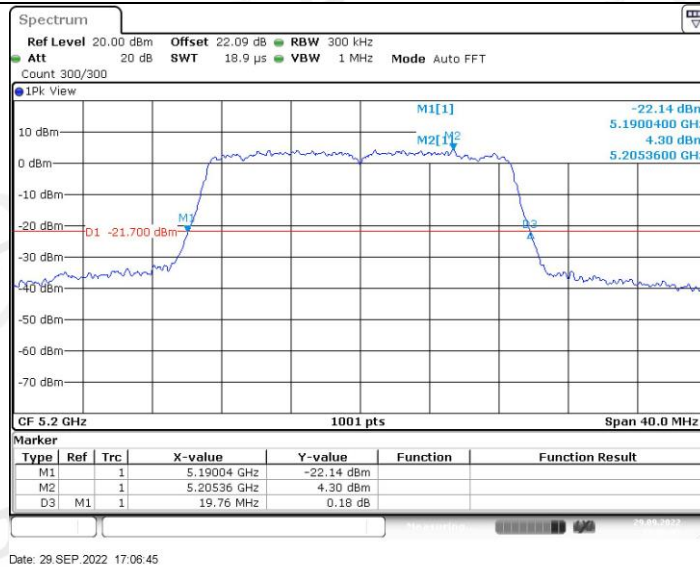
11N20MIMO Ant1 5180



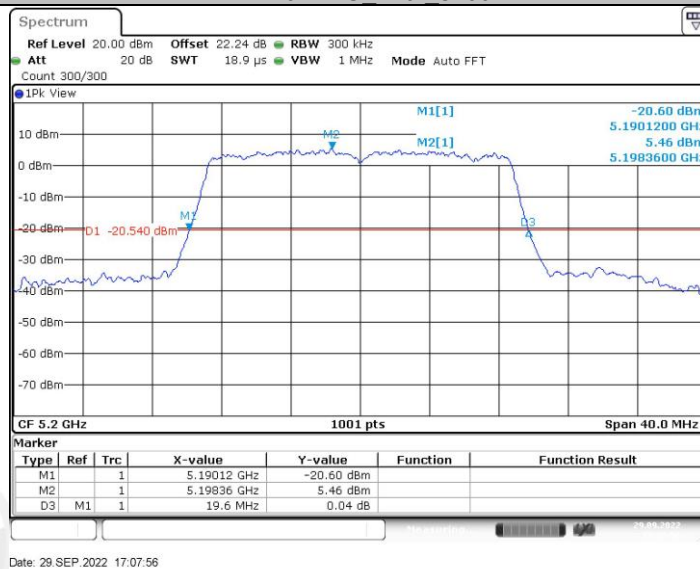
11N20MIMO Ant2 5180



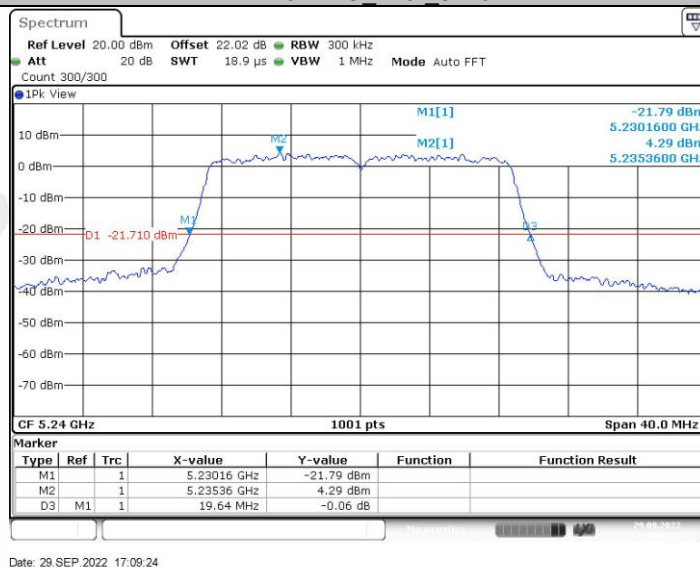
11N20MIMO Ant1 5200



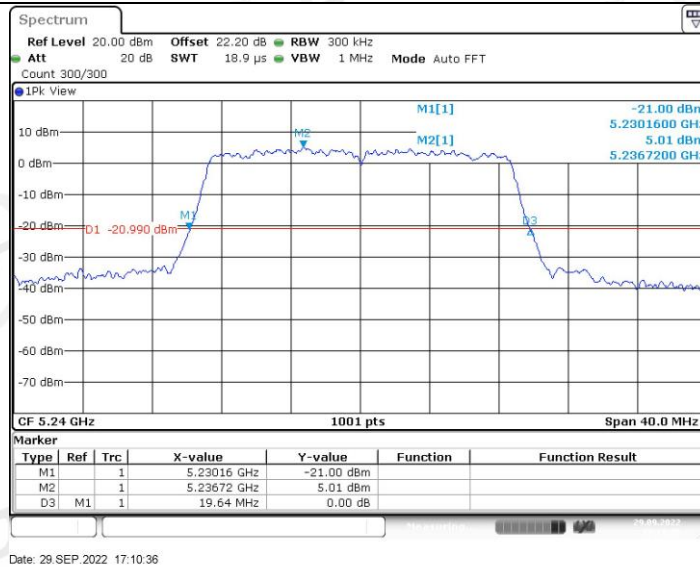
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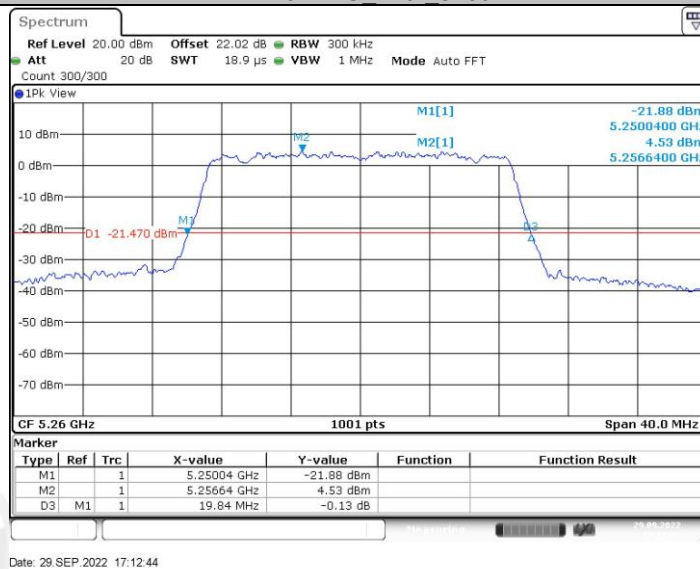
11N20MIMO Ant1 5240



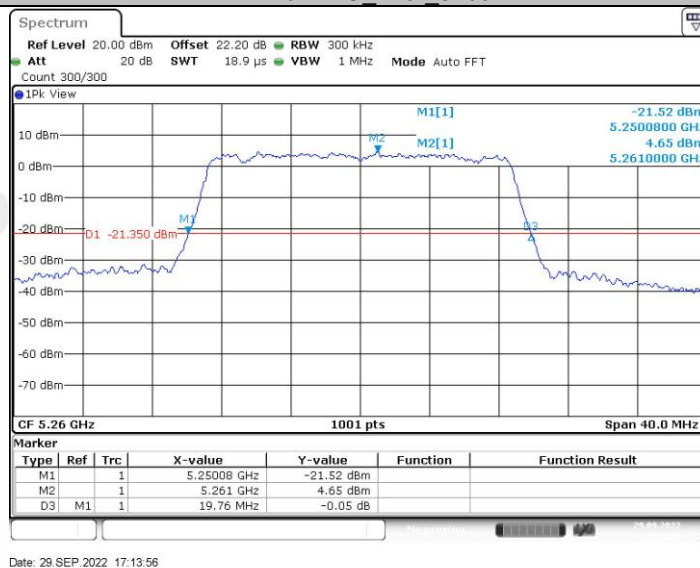
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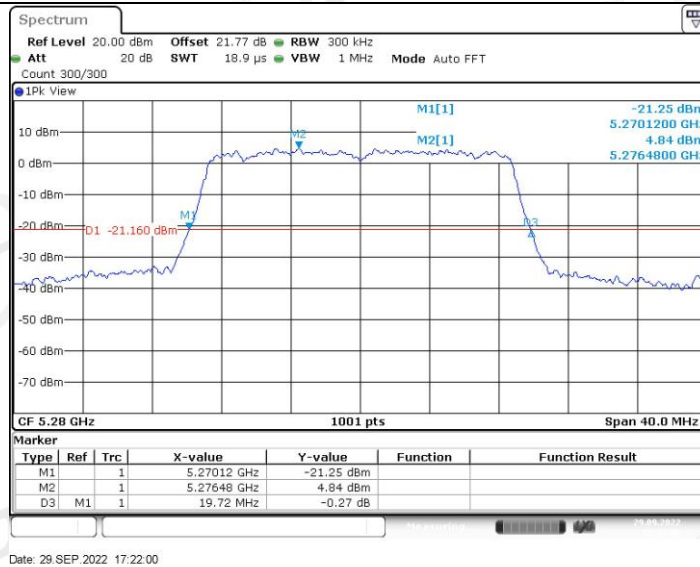
11N20MIMO Ant1 5260



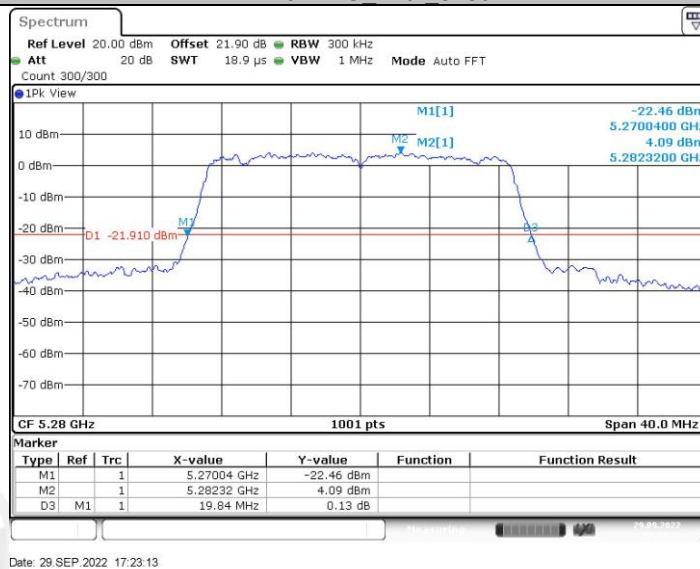
11N20MIMO Ant2 5260



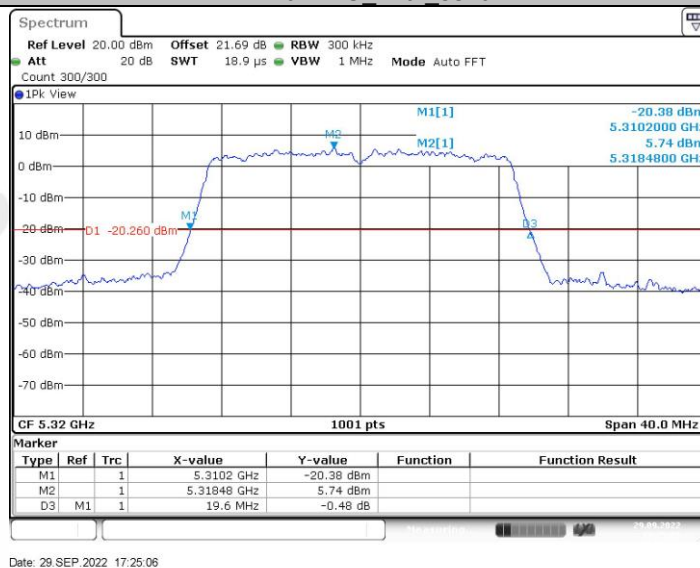
11N20MIMO Ant1 5280



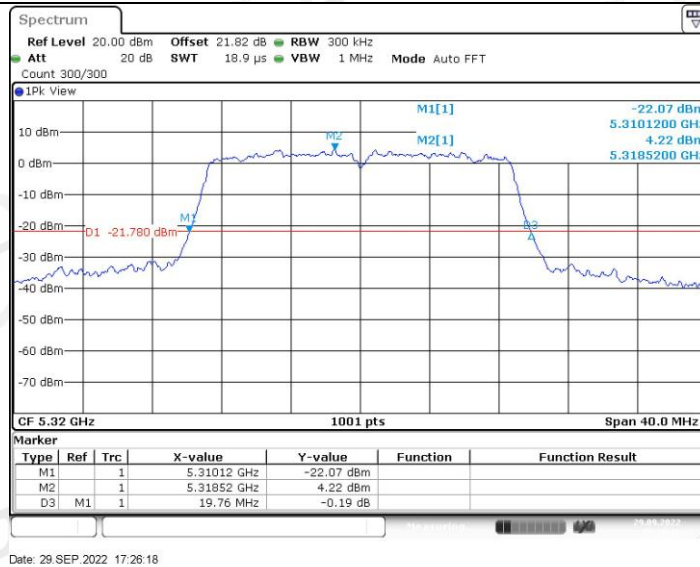
11N20MIMO Ant2 5280



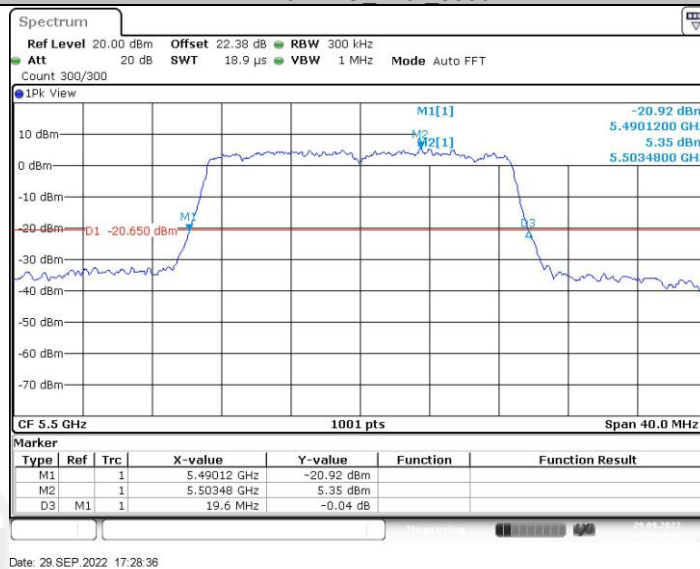
11N20MIMO Ant1 5320



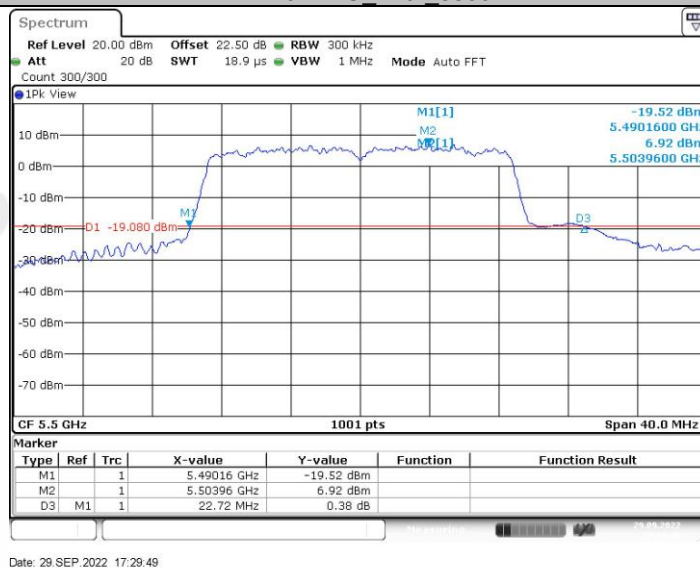
11N20MIMO Ant2 5320



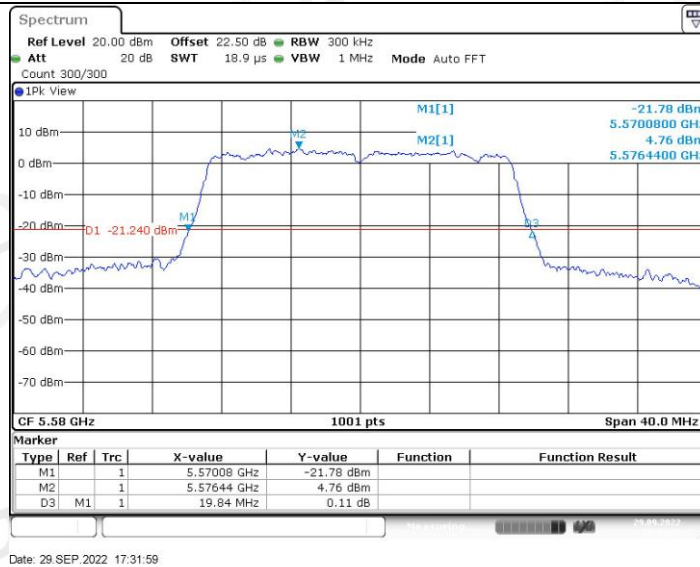
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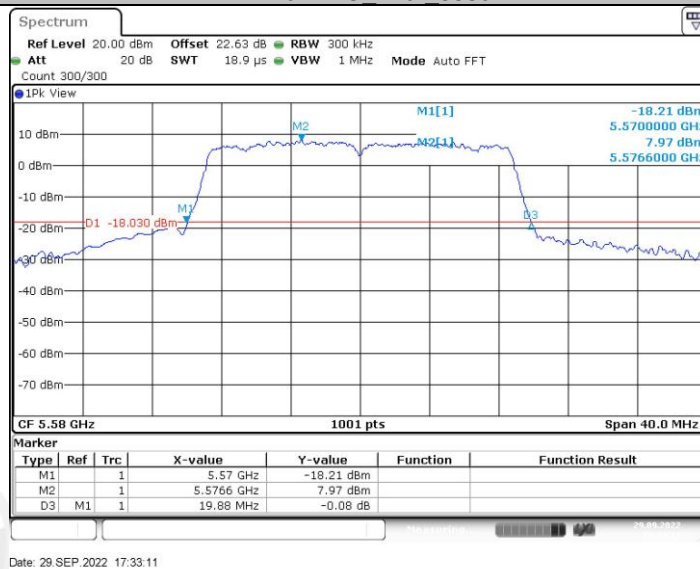
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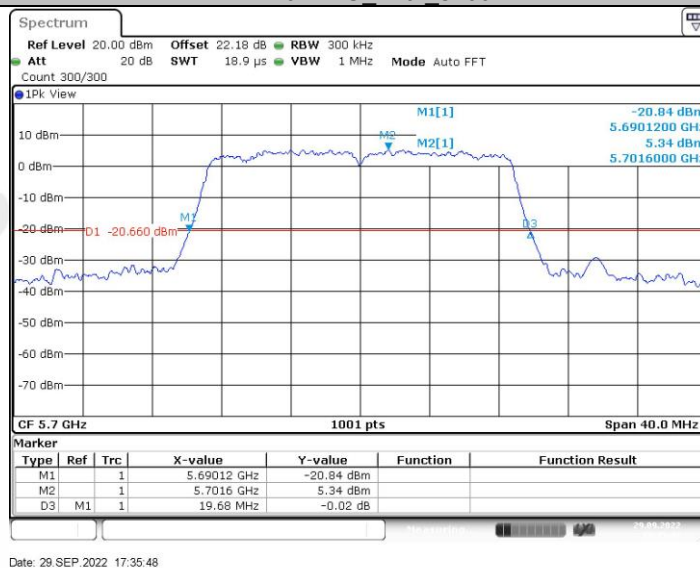
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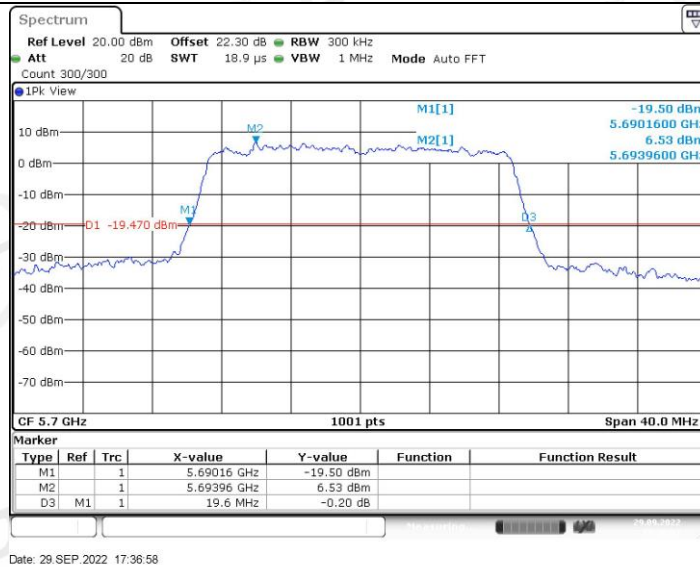
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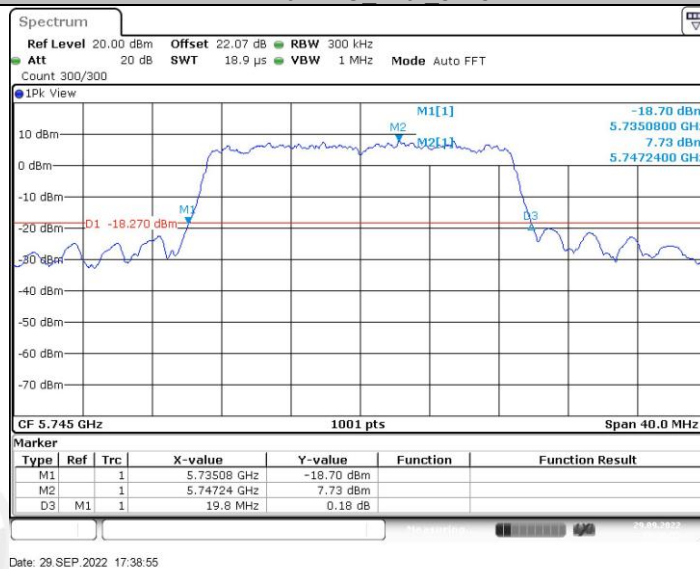
11N20MIMO Ant1 5700



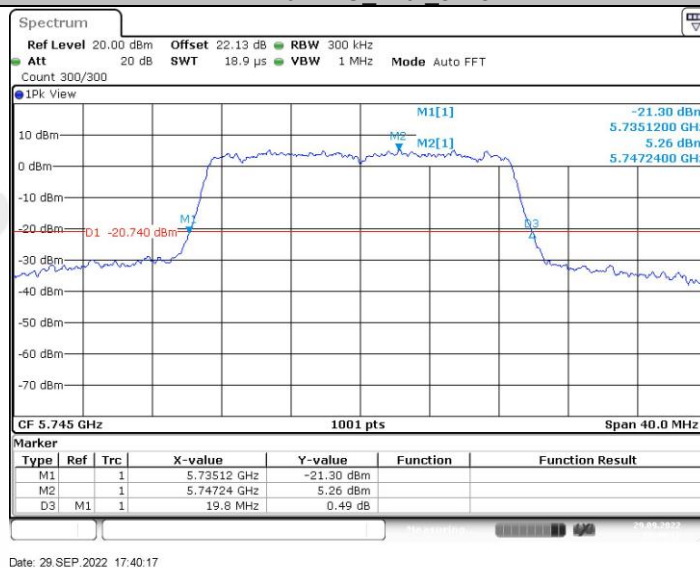
11N20MIMO Ant2 5700



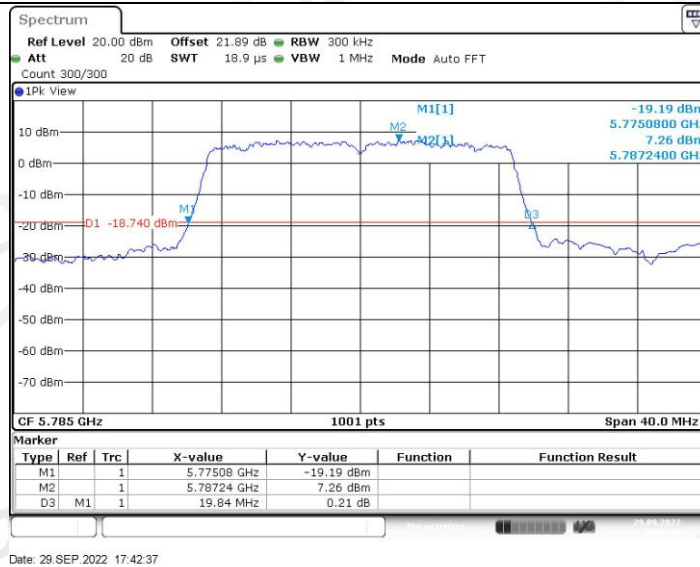
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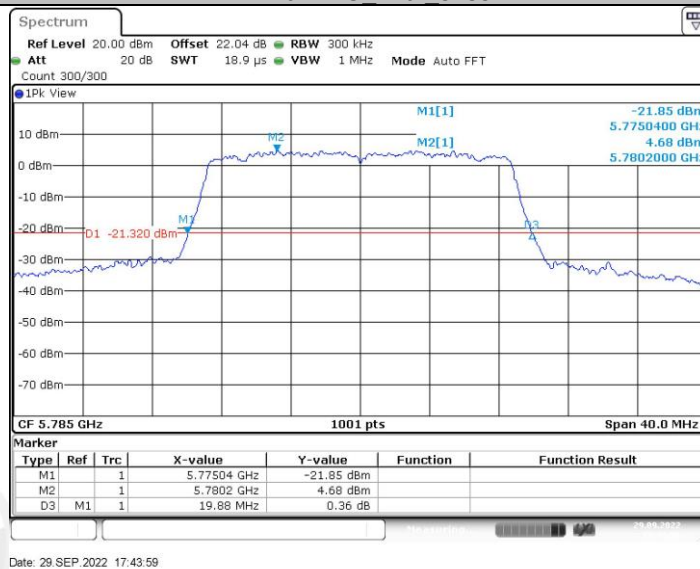
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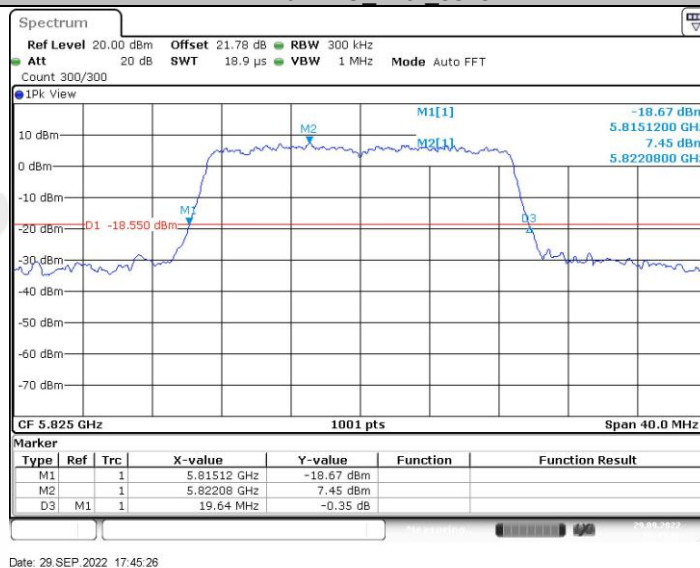
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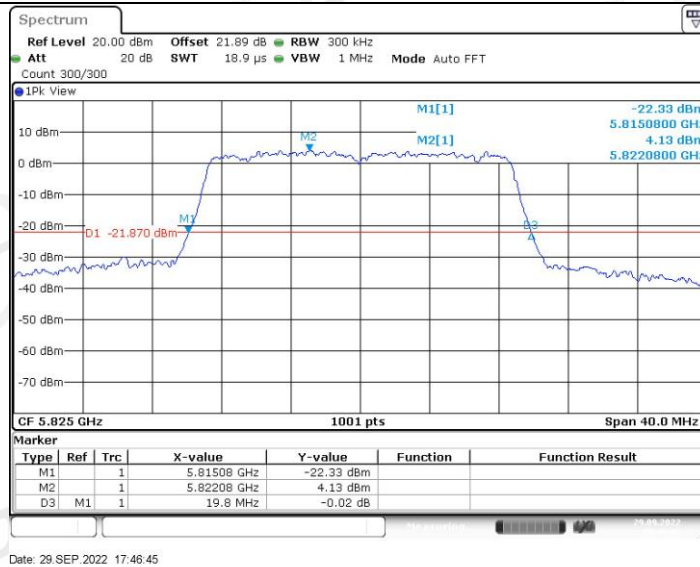
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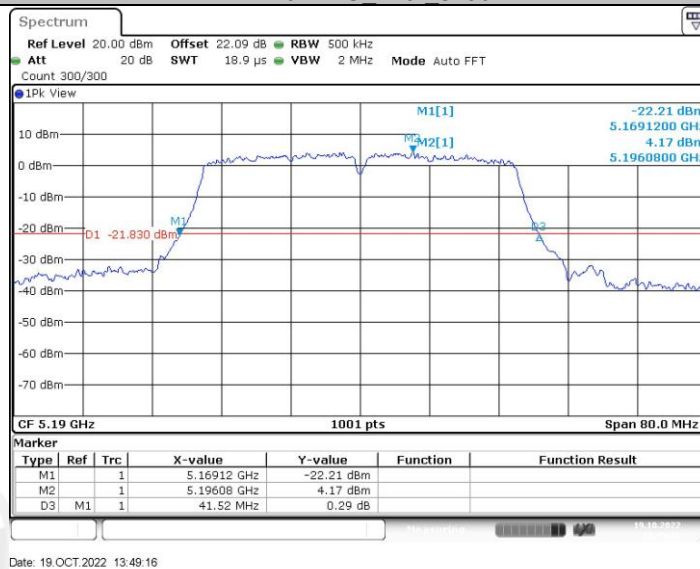
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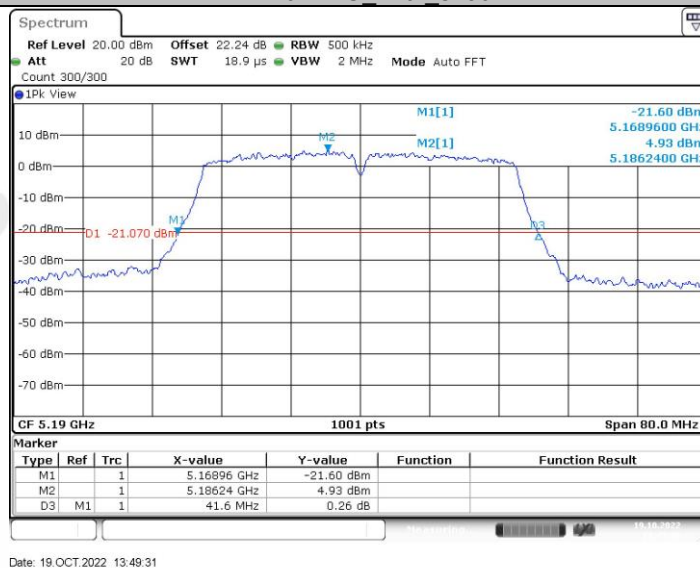
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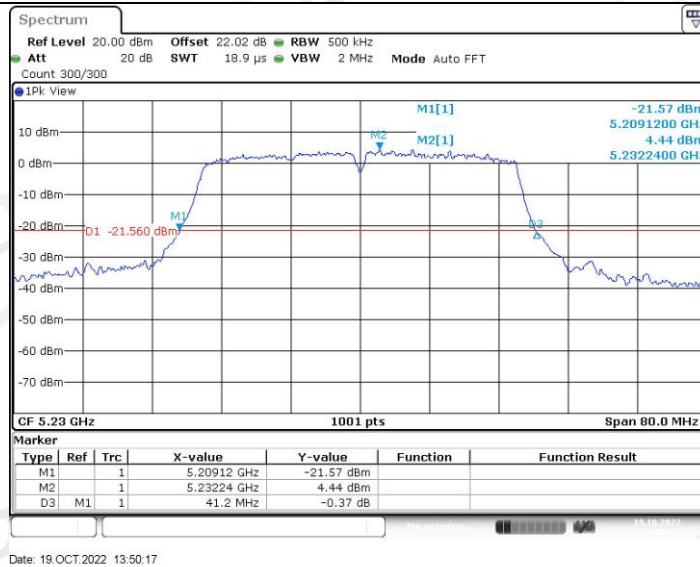
11N40MIMO Ant1 5190



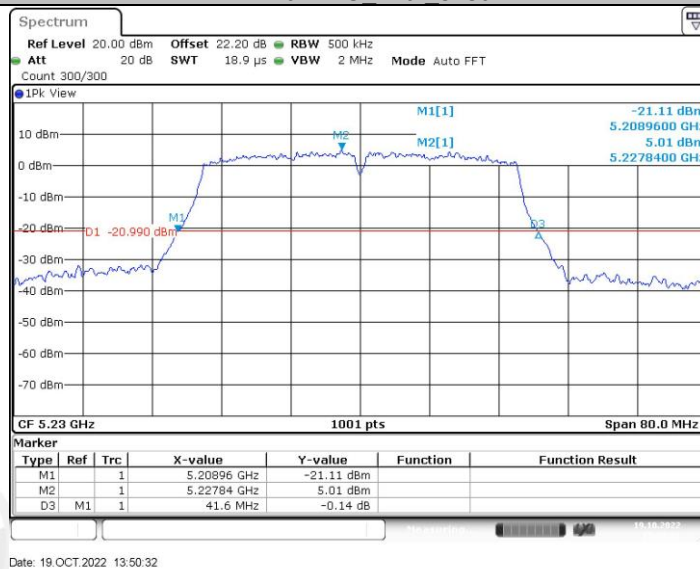
11N40MIMO Ant2 5190



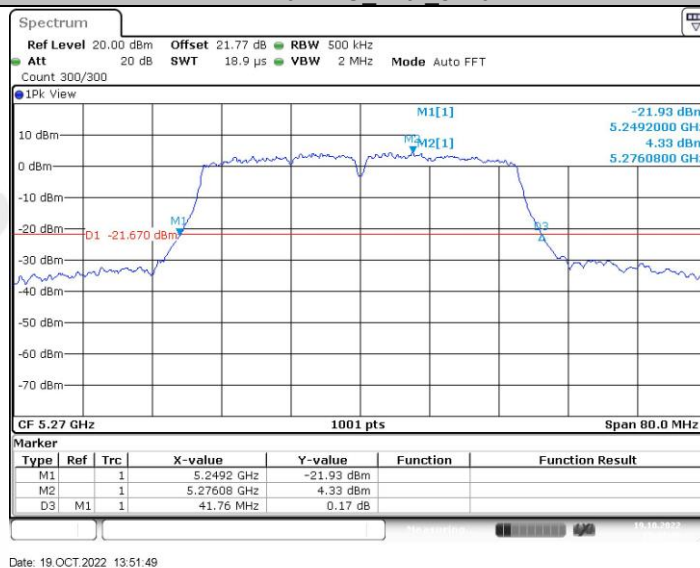
11N40MIMO Ant1 5230



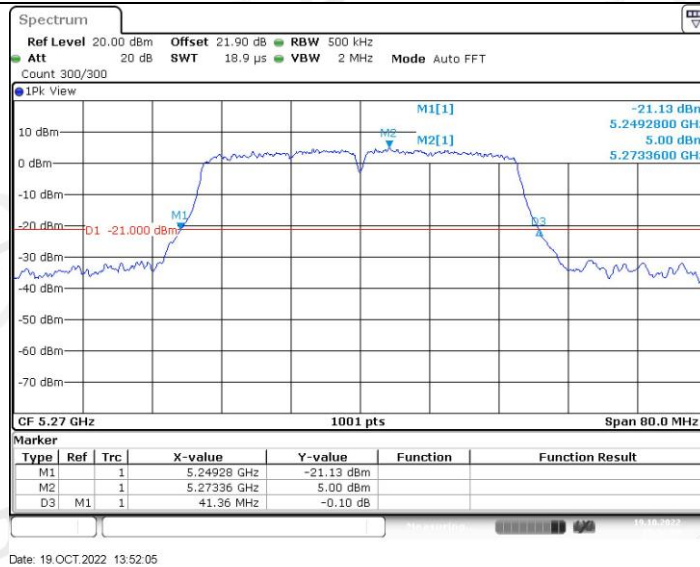
11N40MIMO Ant2 5230



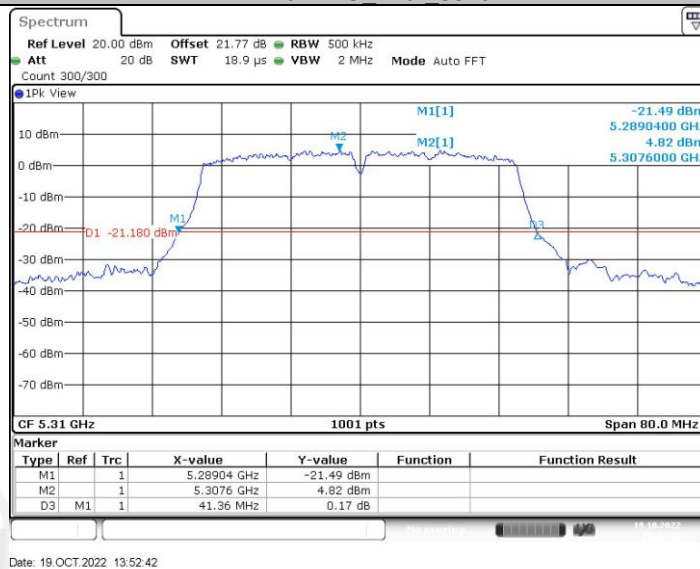
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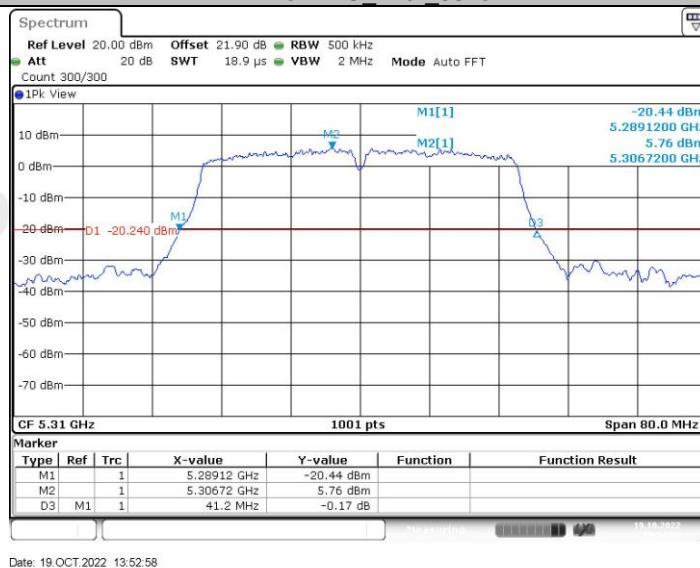
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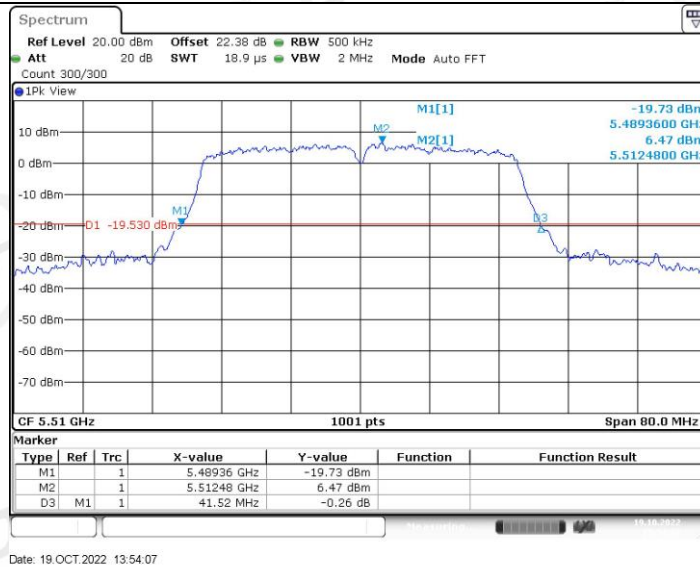
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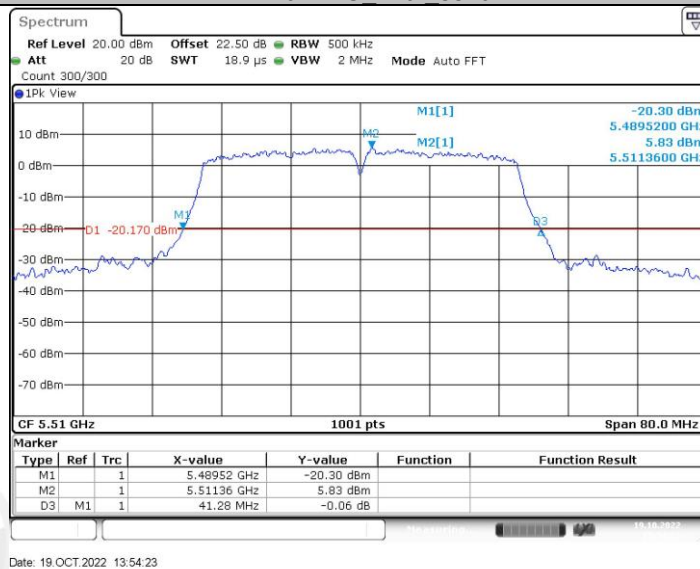
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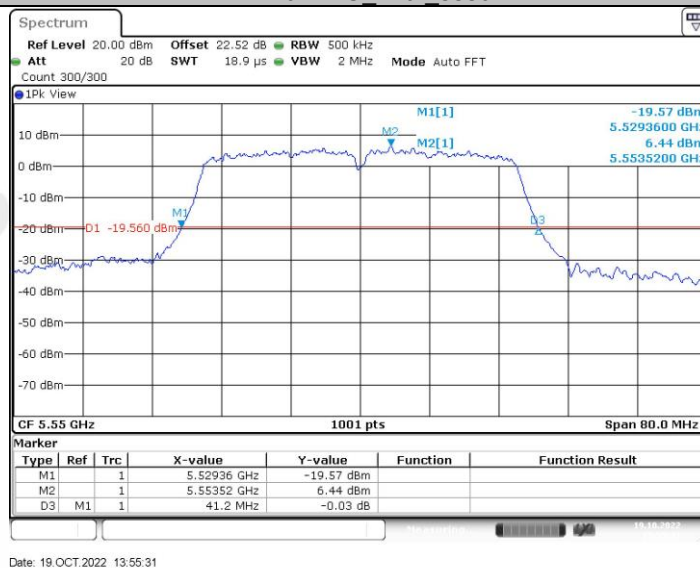
11N40MIMO Ant1 5510



11N40MIMO Ant2 5510



11N40MIMO Ant1 5550



11N40MIMO Ant2 5550