



■ Report No.: DDT-R22062203-2E04

■ Issued Date: Sep. 21, 2022

FCC CERTIFICATION TEST REPORT

FOR

Applicant	:	Guangzhou Shirui Electronics Co., Ltd
Address	:	192 Kezhu Road, Scienteck Park, guangzhou Economic Technology Development District, Guangzhou, China
Equipment under Test	:	Integrated video conference terminal
Model No.	:	UC S15, MS*****(*=0-9,A-Z or blank), UC S*****(*=0-9,A-Z or blank)
Trade Mark	:	MAXHUB
FCC ID	:	2AFG6-UCS15
Manufacturer	:	Guangzhou Shirui Electronics Co., Ltd
Address	:	192 Kezhu Road, Scienteck Park, guangzhou Economic Technology Development District, Guangzhou, China

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

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REPORT

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Test Report Declare

Applicant	:	Guangzhou Shirui Electronics Co., Ltd
Address	:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic Technology Development District, Guangzhou, China
Equipment under Test	:	Integrated video conference terminal
Model No.	:	UC S15, MS*****(*=0-9,A-Z or blank), UC S*****(*=0-9,A-Z or blank)
Trade Mark	:	MAXHUB
Manufacturer	:	Guangzhou Shirui Electronics Co., Ltd
Address	:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic Technology Development District, Guangzhou, 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

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-R22062203-2E04		
Date of Receipt:	Aug. 02, 2022	Date of Test:	Aug. 02, 2022 ~ Sep. 20, 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	Sep. 21, 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 and 99% 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	: Integrated video conference terminal
Model Number	: UC S15, MS*****(*=0-9,A-Z or blank), UC S*****(*=0-9,A-Z or blank)
Difference of models	: Above models are identical in schematic and structure, only the name is different for all the models, therefore the test performed on the model UC S15.
EUT function description	: Please reference user manual of this device
Power supply	: Input: 100-240V ~ 50/60Hz
Radio Technology	: IEEE 802.11a/n/ac/ax
FCC 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-5755MHz IEEE 802.11ac HT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11ac HT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5755MHz IEEE 802.11ax HE20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11ax HE40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5755MHz
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) IEEE 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Transmitter rate	: IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n HT20: 7.2, 21.7, 43.3, 72.2 Mbps IEEE 802.11n HT40: 15, 45, 90, 150 Mbps IEEE 802.11ac HT20: up to 86.6 Mbps IEEE 802.11ac HT40: up to 200 Mbps IEEE 802.11ax HE20: up to 143.4 Mbps IEEE 802.11ax HE40: up to 286.8 Mbps
Antenna Gain	: PCB antenna, maximum PK gain: 5.17 dBi
Sample Type	: Series production
Sample Number	: S22062203-01 for conductive S22062203-02 for radiation

Note 1: EUT is the ab. of equipment under test.

Note 2: According exploratory explorer test, The 802.11n HT20/n HT40 mode are the same attribute with the 802.11ac VHT20/ac VHT40 mode, so choose the 802.11n HT20/n HT40 mode to test and report.

2.2. Accessories of EUT

Assistant equipment	Manufacturer	Model number	Other
Switching adapter	Dong Guan City GangQi Electronic Co., Ltd.	GQ36-120300-AX	Input: 100-240V ~ 50/60Hz 1A MAX Output: DC 12V3A 36W
HDMI cable	N/A	N/A	Length: 1.6m
Remote control	N/A	N/A	N/A
Type-C cable	N/A	N/A	Length: 3.0m

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: SecureCRTPortable.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)
IEEE 802.11a	/	6	Low: CH36	5180
	/	6	Middle: CH40	5200
	/	6	High: CH48	5240
	/	6	Low: CH52	5260
	/	6	Middle: CH56	5280
	/	6	High: CH64	5320
	/	6	Low: CH100	5500
	/	6	Middle: CH116	5580
	/	6	High: CH140	5700
	/	6	Low: CH149	5745
	/	6	Middle: CH157	5785
	/	6	High: CH165	5825
IEEE 802.11n HT20	/	MCS 0	Low: CH36	5180
	/	MCS 0	Middle: CH40	5200
	/	MCS 0	High: CH48	5240
	/	MCS 0	Low: CH52	5260
	/	MCS 0	Middle: CH56	5280

	/	MCS 0	High: CH64	5320
	/	MCS 0	Low: CH100	5500
	/	MCS 0	Middle: CH116	5580
	/	MCS 0	High: CH140	5700
	/	MCS 0	Low: CH149	5745
	/	MCS 0	Middle: CH157	5785
	/	MCS 0	High: CH165	5825
	/	MCS 0	Low: CH38	5190
IEEE 802.11n HT40	/	MCS 0	Middle: CH46	5230
	/	MCS 0	High: CH54	5270
	/	MCS 0	Low: CH62	5310
	/	MCS 0	Middle: CH102	5510
	/	MCS 0	High: CH110	5550
	/	MCS 0	Low: CH134	5670
	/	MCS 0	Middle: CH151	5755
	/	MCS 0	High: CH159	5795
IEEE 802.11ac HT20	/	MCS 0	Low: CH36	5180
	/	MCS 0	Middle: CH40	5200
	/	MCS 0	High: CH48	5240
	/	MCS 0	Low: CH52	5260
	/	MCS 0	Middle: CH56	5280
	/	MCS 0	High: CH64	5320
	/	MCS 0	Low: CH100	5500
	/	MCS 0	Middle: CH116	5580
	/	MCS 0	High: CH140	5700
	/	MCS 0	Low: CH149	5745
	/	MCS 0	Middle: CH157	5785
	/	MCS 0	High: CH165	5825
IEEE 802.11ac HT40	/	MCS 0	Low: CH38	5190
	/	MCS 0	Middle: CH46	5230
	/	MCS 0	High: CH54	5270
	/	MCS 0	Low: CH62	5310
	/	MCS 0	Middle: CH102	5510
	/	MCS 0	High: CH110	5550
	/	MCS 0	Low: CH134	5670
	/	MCS 0	Middle: CH151	5755
	/	MCS 0	High: CH159	5795
IEEE 802.11ax HE20	/	MCS 0	Low: CH36	5180
	/	MCS 0	Middle: CH40	5200
	/	MCS 0	High: CH48	5240
	/	MCS 0	Low: CH52	5260
	/	MCS 0	Middle: CH56	5280
	/	MCS 0	High: CH64	5320
	/	MCS 0	Low: CH100	5500
	/	MCS 0	Middle: CH116	5580
	/	MCS 0	High: CH140	5700
	/	MCS 0	Low: CH149	5745
	/	MCS 0	Middle: CH157	5785
	/	MCS 0	High: CH165	5825
IEEE 802.11ax HE40	/	MCS 0	Low: CH38	5190
	/	MCS 0	Middle: CH46	5230

/	MCS 0	High: CH54	5270
/	MCS 0	Low: CH62	5310
/	MCS 0	Middle: CH102	5510
/	MCS 0	High: CH110	5550
/	MCS 0	Low: CH134	5670
/	MCS 0	Middle: CH151	5755
/	MCS 0	High: CH159	5795

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 (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)

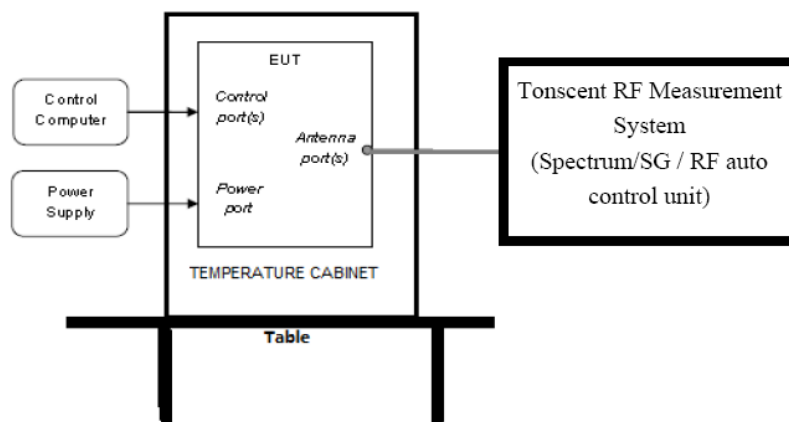
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3. Equipment used during test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑RF Connected Test (Tonscend RF Measurement System 3#)					
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	Tonsend	JS0806-2	DDT-ZC01449	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.2.6.77.0518	N/A	N/A
☑Radiation 3#chamber					
EMI Test Receiver	R&S	ESU	100472	May 18, 2022	1 Year
Spectrum analyzer	Agilent	E4447A	MY50180031	May 18, 2022	1 Year
Active Loop antenna	Schwarzbeck	FMZB-1519	1519-038	Sep. 19, 2021	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	01429	Jul. 22, 2022	1 Year
Double Ridged Horn Antenna	Schwarzbeck	BBHA 9120 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	Sep. 02, 2021	1 Year
Pre-amplifier	COM-POWER	PAM-118A	18040084	Aug. 27, 2022	1 Year
Pre-amplifier	COM-POWER	PAM-840A	461369	Apr. 11, 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	Sep. 02, 2021	1 Year
Test Receiver	R&S	ESCI	100551	Aug. 26, 2022	1 Year
LISN 1	R&S	ENV216	101109	Sep. 07, 2021	1 Year
LISN 1	R&S	ENV216	101109	Aug. 26, 2022	1 Year
LISN 2	R&S	ESH2-Z5	100309	Sep. 07, 2021	1 Year
LISN 2	R&S	ESH2-Z5	100309	Aug. 26, 2022	1 Year
Pulse Limiter	R&S	ESH3-Z2	101242	Sep. 02, 2021	1 Year
Pulse Limiter	R&S	ESH3-Z2	101242	Aug. 26, 2022	1 Year
CE Cable 1	HUBSER	N/A	W10.01	Sep. 02, 2021	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

4. 26dB Bandwidth, 6dB Bandwidth and 99% Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Bandwidth	26 dB Bandwidth	5150-5250
	26 dB Bandwidth	5250-5350
	26 dB Bandwidth	For FCC:5470-5725 For IC:5470-5600 5650-5725
	Minimum 500kHz 6dB Bandwidth	5725-5850

4.3. Test Procedure

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

Center Frequency	The centre 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

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.46	5171.7283	5188.1918	---	Pass
		5200	16.62	5191.6484	5208.2717	---	Pass
		5240	16.42	5231.7682	5248.1918	---	Pass
		5260	16.50	5251.6883	5268.1918	---	Pass
		5280	16.46	5271.7682	5288.2318	---	Pass
		5320	16.34	5311.8082	5328.1518	---	Pass
		5500	16.46	5491.6883	5508.1518	---	Pass
		5580	16.42	5571.7283	5588.1518	---	Pass
		5700	16.46	5691.7283	5708.1918	---	Pass
		5745	16.62	5736.6883	5753.3117	---	Pass
		5785	16.50	5776.6484	5793.1518	---	Pass
		5825	16.54	5816.6883	5833.2318	---	Pass
11N20SISO	Ant1	5180	17.54	5171.1688	5188.7113	---	Pass
		5200	17.58	5191.2088	5208.7912	---	Pass
		5240	17.58	5231.2088	5248.7912	---	Pass
		5260	17.58	5251.1688	5268.7512	---	Pass
		5280	17.50	5271.2488	5288.7512	---	Pass
		5320	17.54	5311.2488	5328.7912	---	Pass
		5500	17.58	5491.1688	5508.7512	---	Pass
		5580	17.54	5571.2088	5588.7512	---	Pass
		5700	17.62	5691.2088	5708.8312	---	Pass
		5745	17.58	5736.1688	5753.7512	---	Pass
		5785	17.58	5776.1289	5793.7113	---	Pass
		5825	17.58	5816.1688	5833.7512	---	Pass
11N40SISO	Ant1	5190	36.04	5172.0180	5208.0619	---	Pass
		5230	36.12	5211.9381	5248.0619	---	Pass
		5270	36.36	5251.9381	5288.3017	---	Pass
		5310	36.28	5291.7782	5328.0619	---	Pass
		5510	36.60	5491.6983	5528.3017	---	Pass
		5550	36.68	5531.4585	5568.1419	---	Pass
		5670	36.28	5651.9381	5688.2218	---	Pass
		5755	36.76	5736.3786	5773.1419	---	Pass
		5795	36.52	5776.7782	5813.3017	---	Pass
11AX20SISO	Ant1	5180	18.78	5170.5694	5189.3506	---	Pass
		5200	18.74	5190.6094	5209.3506	---	Pass
		5240	18.82	5230.5694	5249.3906	---	Pass
		5260	18.78	5250.5694	5269.3506	---	Pass
		5280	18.78	5270.5694	5289.3506	---	Pass
		5320	18.74	5310.6094	5329.3506	---	Pass
		5500	18.74	5490.5694	5509.3107	---	Pass
		5580	18.78	5570.6094	5589.3906	---	Pass
		5700	18.74	5690.6494	5709.3906	---	Pass
		5745	18.82	5735.5694	5754.3906	---	Pass
		5785	18.78	5775.5694	5794.3506	---	Pass
		5825	18.86	5815.5295	5834.3906	---	Pass
11AX40SISO	Ant1	5190	37.64	5171.0589	5208.7013	---	Pass
		5230	37.64	5211.0589	5248.7013	---	Pass

		5270	37.56	5251.2188	5288.7812	---	Pass
		5310	37.48	5291.2188	5328.7013	---	Pass
		5510	37.72	5491.0589	5528.7812	---	Pass
		5550	37.80	5531.1389	5568.9411	---	Pass
		5670	37.80	5651.0589	5688.8611	---	Pass
		5755	37.56	5736.1389	5773.7013	---	Pass
		5795	38.04	5775.8991	5813.9411	---	Pass

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.48	5169.36	5190.84	---	Pass
		5200	21.16	5189.68	5210.84	---	Pass
		5240	20.68	5229.60	5250.28	---	Pass
		5260	21.08	5249.32	5270.40	---	Pass
		5280	21.08	5269.36	5290.44	---	Pass
		5320	21.28	5309.44	5330.72	---	Pass
		5500	21.28	5489.40	5510.68	---	Pass
		5580	21.56	5568.92	5590.48	---	Pass
		5700	21.12	5689.20	5710.32	---	Pass
		5745	21.68	5733.84	5755.52	---	Pass
		5785	21.68	5773.96	5795.64	---	Pass
		5825	21.20	5814.08	5835.28	---	Pass
11N20SISO	Ant1	5180	21.32	5169.24	5190.56	---	Pass
		5200	21.80	5188.88	5210.68	---	Pass
		5240	21.72	5229.04	5250.76	---	Pass
		5260	21.72	5249.12	5270.84	---	Pass
		5280	21.80	5269.08	5290.88	---	Pass
		5320	22.00	5309.00	5331.00	---	Pass
		5500	21.80	5489.04	5510.84	---	Pass
		5580	21.88	5569.08	5590.96	---	Pass
		5700	22.16	5688.84	5711.00	---	Pass
		5745	23.20	5733.12	5756.32	---	Pass
		5785	22.08	5773.64	5795.72	---	Pass
		5825	21.92	5813.76	5835.68	---	Pass
11N40SISO	Ant1	5190	41.60	5169.04	5210.64	---	Pass
		5230	40.08	5209.84	5249.92	---	Pass
		5270	40.88	5249.84	5290.72	---	Pass
		5310	41.44	5289.12	5330.56	---	Pass
		5510	41.60	5488.88	5530.48	---	Pass
		5550	40.56	5529.68	5570.24	---	Pass
		5670	40.80	5649.36	5690.16	---	Pass
		5755	40.80	5734.52	5775.32	---	Pass
		5795	41.20	5774.36	5815.56	---	Pass
11AX20SISO	Ant1	5180	22.08	5169.04	5191.12	---	Pass
		5200	21.68	5189.12	5210.80	---	Pass
		5240	21.64	5229.28	5250.92	---	Pass
		5260	22.04	5248.96	5271.00	---	Pass
		5280	21.48	5269.40	5290.88	---	Pass
		5320	21.56	5309.12	5330.68	---	Pass
		5500	21.88	5489.00	5510.88	---	Pass
		5580	21.64	5569.00	5590.64	---	Pass

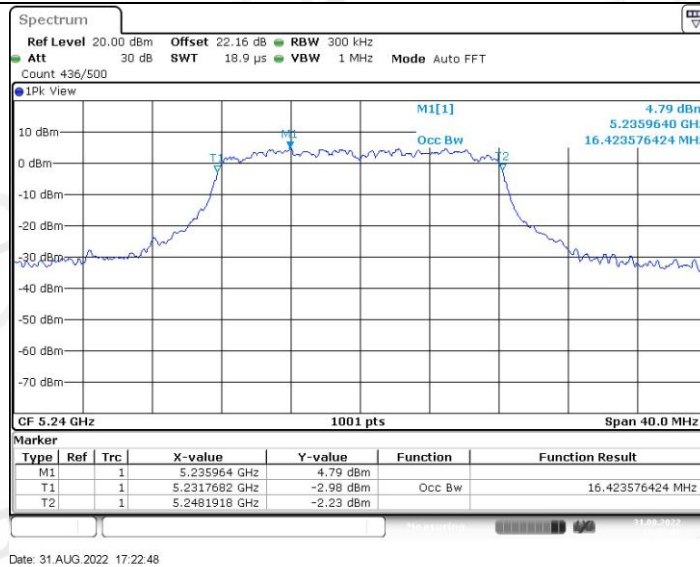
		5700	21.44	5689.28	5710.72	---	Pass
		5745	21.92	5733.88	5755.80	---	Pass
		5785	21.88	5774.04	5795.92	---	Pass
		5825	21.76	5813.88	5835.64	---	Pass
11AX40SISO	Ant1	5190	41.60	5169.20	5210.80	---	Pass
		5230	41.12	5209.28	5250.40	---	Pass
		5270	41.28	5249.36	5290.64	---	Pass
		5310	41.28	5289.20	5330.48	---	Pass
		5510	41.36	5489.20	5530.56	---	Pass
		5550	40.88	5529.44	5570.32	---	Pass
		5670	40.80	5649.44	5690.24	---	Pass
		5755	41.44	5734.12	5775.56	---	Pass
		5795	41.28	5774.20	5815.48	---	Pass

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.44	5752.56	0.5	Pass
		5785	16.32	5776.80	5793.12	0.5	Pass
		5825	15.08	5817.44	5832.52	0.5	Pass
11N20SISO	Ant1	5745	15.16	5737.40	5752.56	0.5	Pass
		5785	15.48	5777.08	5792.56	0.5	Pass
		5825	16.28	5816.84	5833.12	0.5	Pass
11N40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	Pass
		5795	35.12	5777.40	5812.52	0.5	Pass
11AX20SISO	Ant1	5745	13.88	5738.64	5752.52	0.5	Pass
		5785	15.92	5777.32	5793.24	0.5	Pass
		5825	14.20	5817.08	5831.28	0.5	Pass
11AX40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	Pass
		5795	35.12	5777.40	5812.52	0.5	Pass

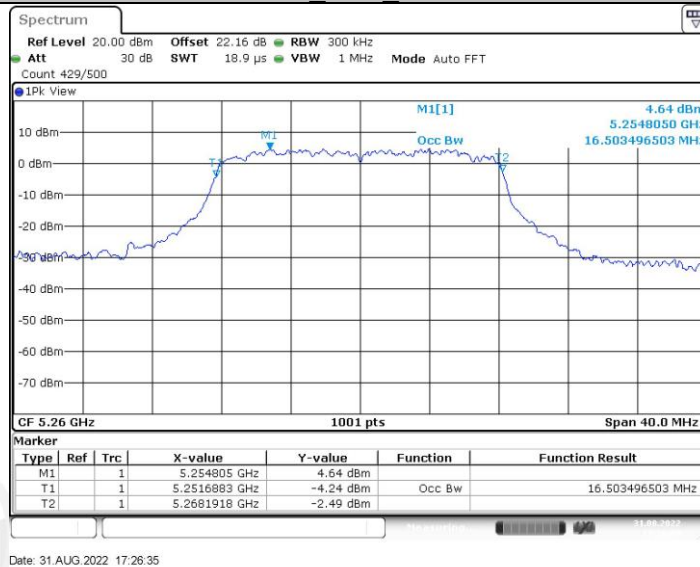
4.5. Original test data

99% OBW:

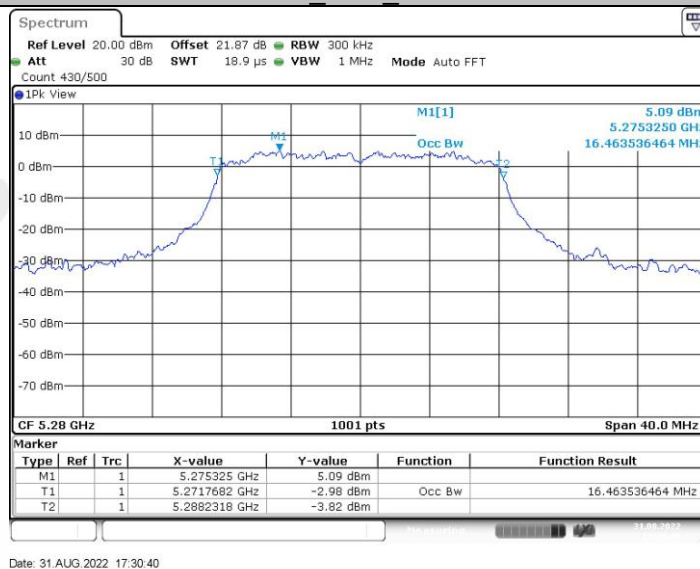




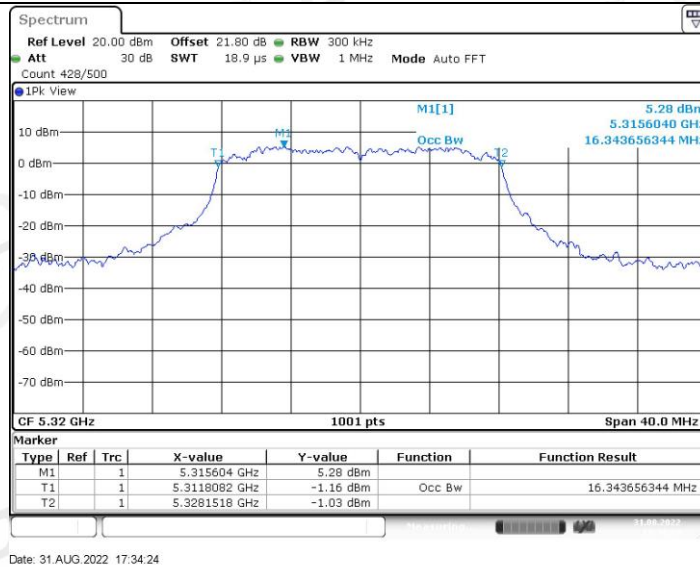
11A_Ant1_5260



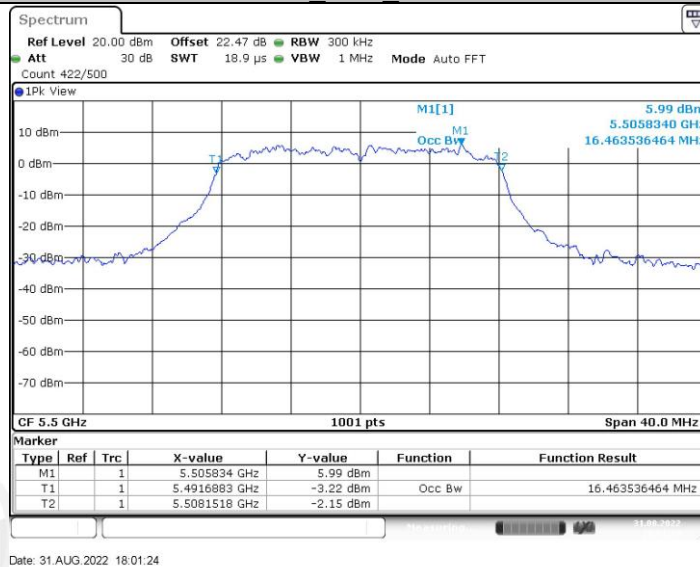
11A_Ant1_5280



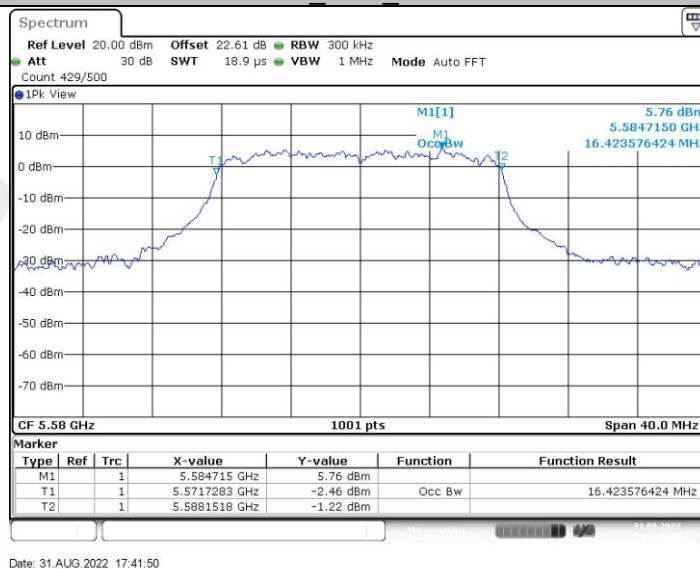
11A_Ant1_5320



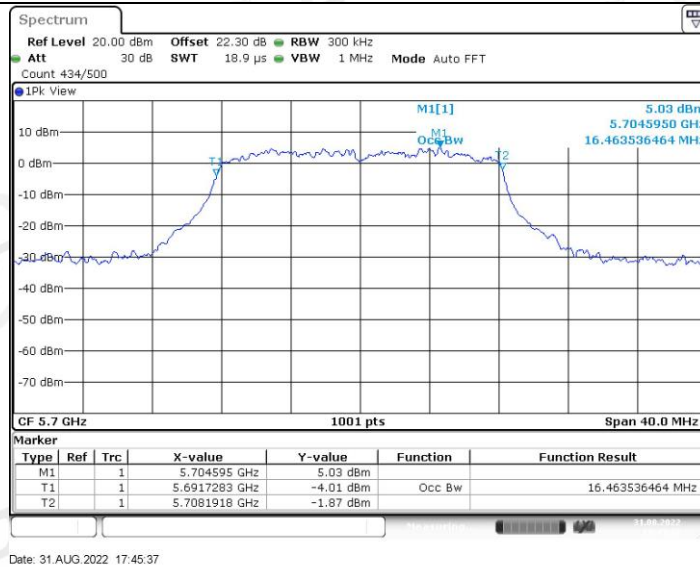
11A_Ant1_5500



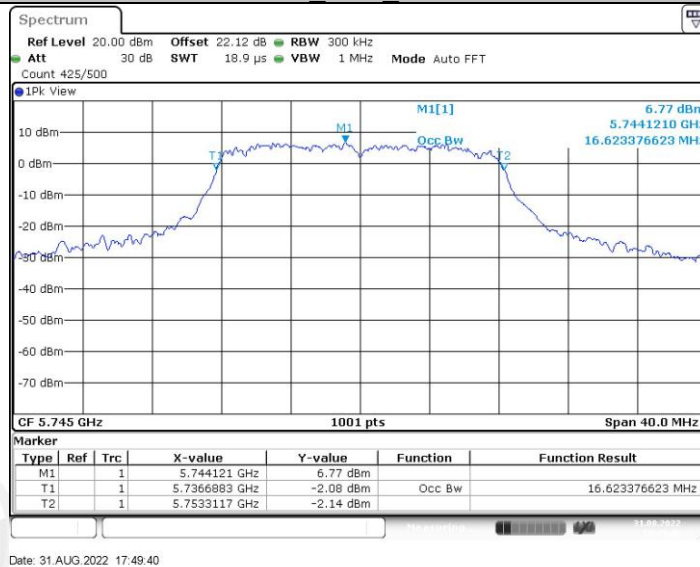
11A_Ant1_5580



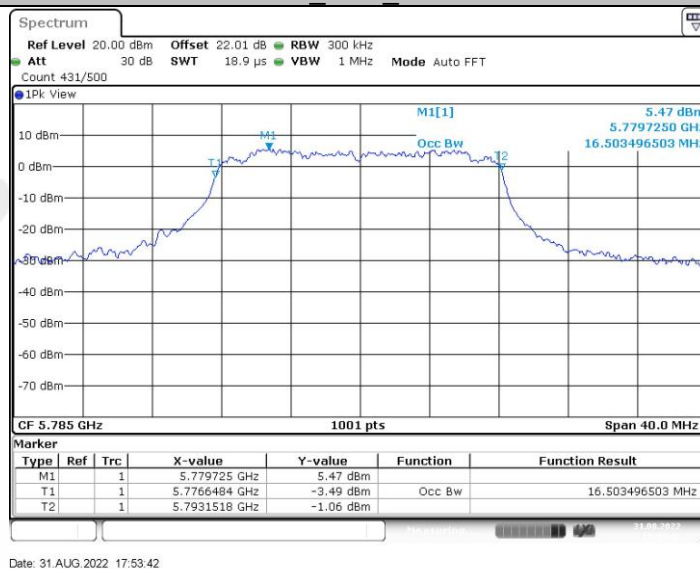
11A_Ant1_5700



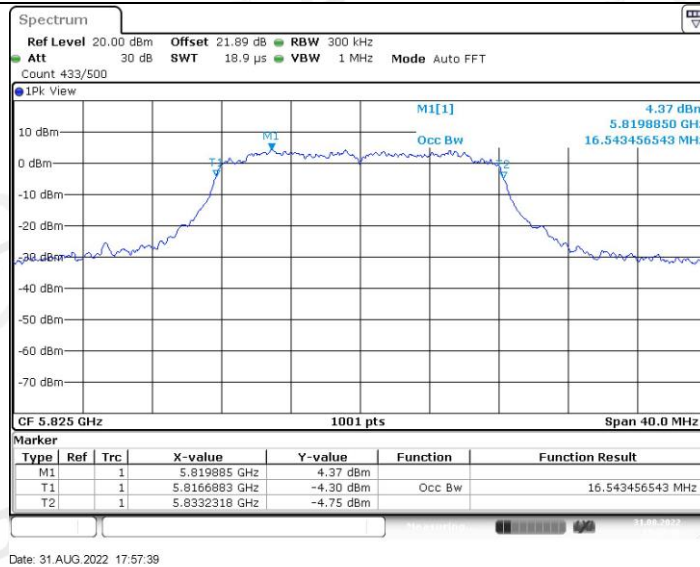
11A_Ant1_5745



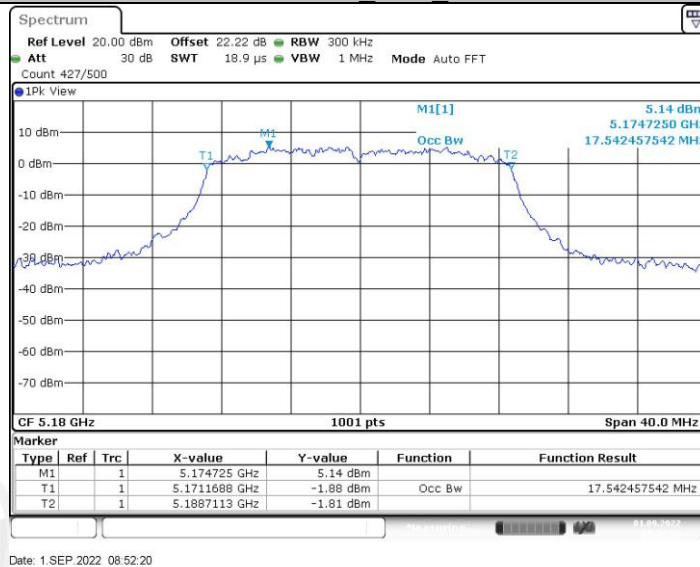
11A_Ant1_5785



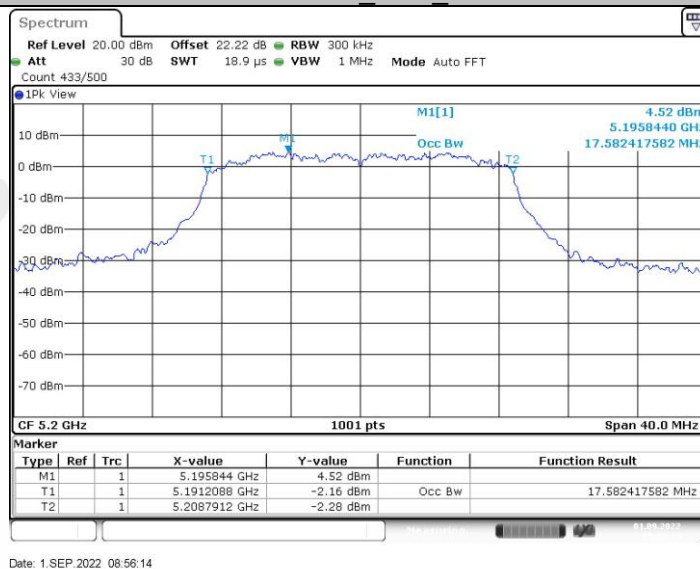
11A_Ant1_5825



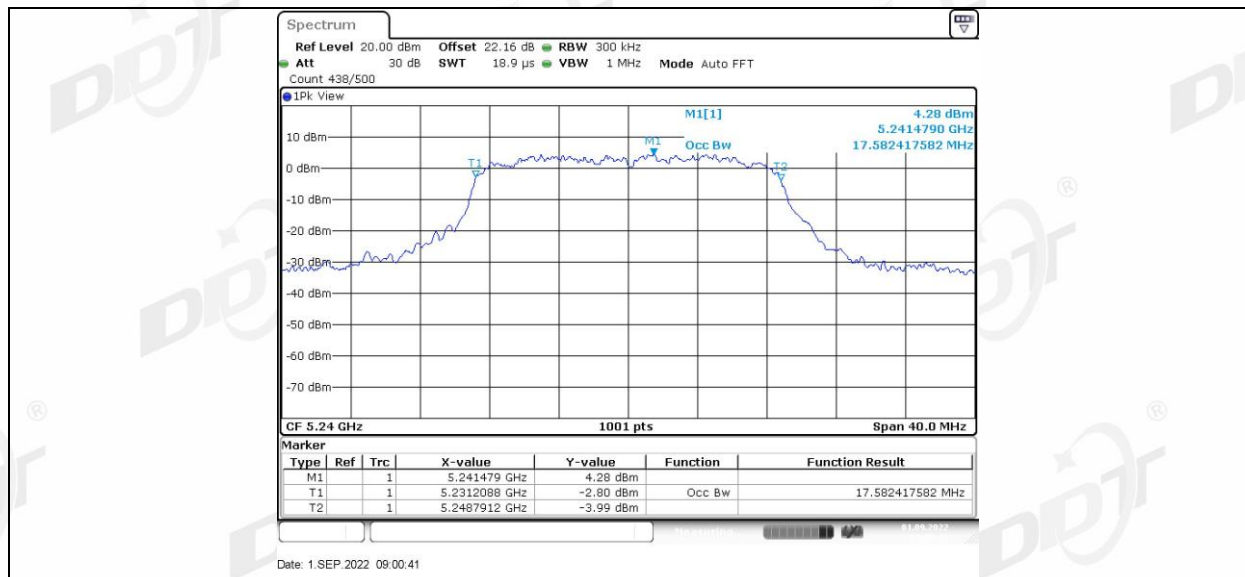
11N20SISO_Ant1_5180



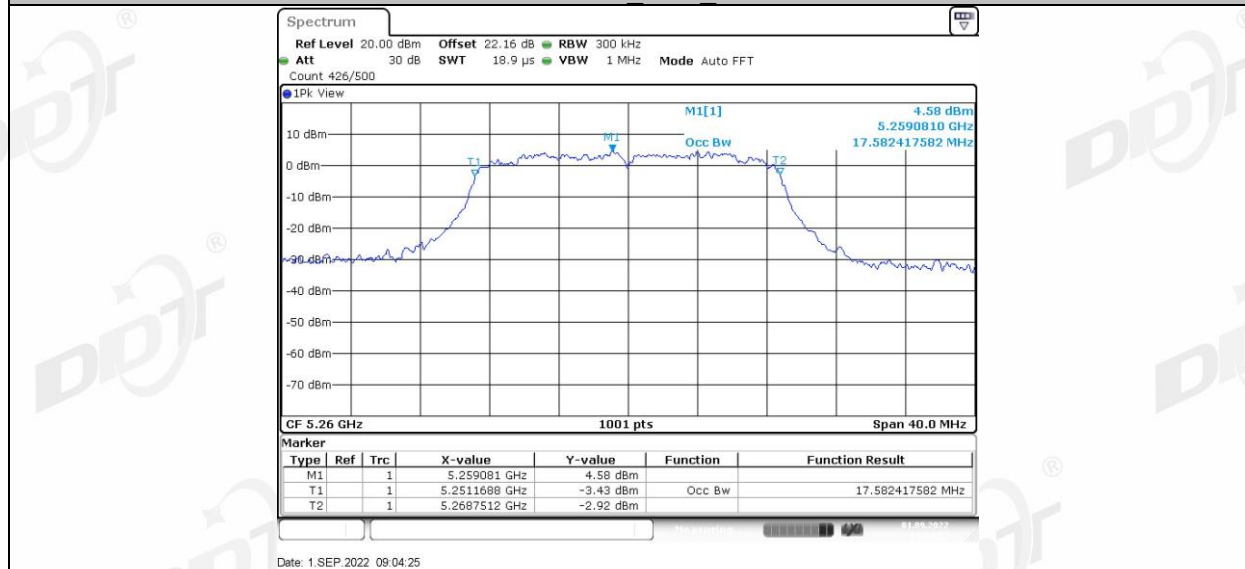
11N20SISO_Ant1_5200



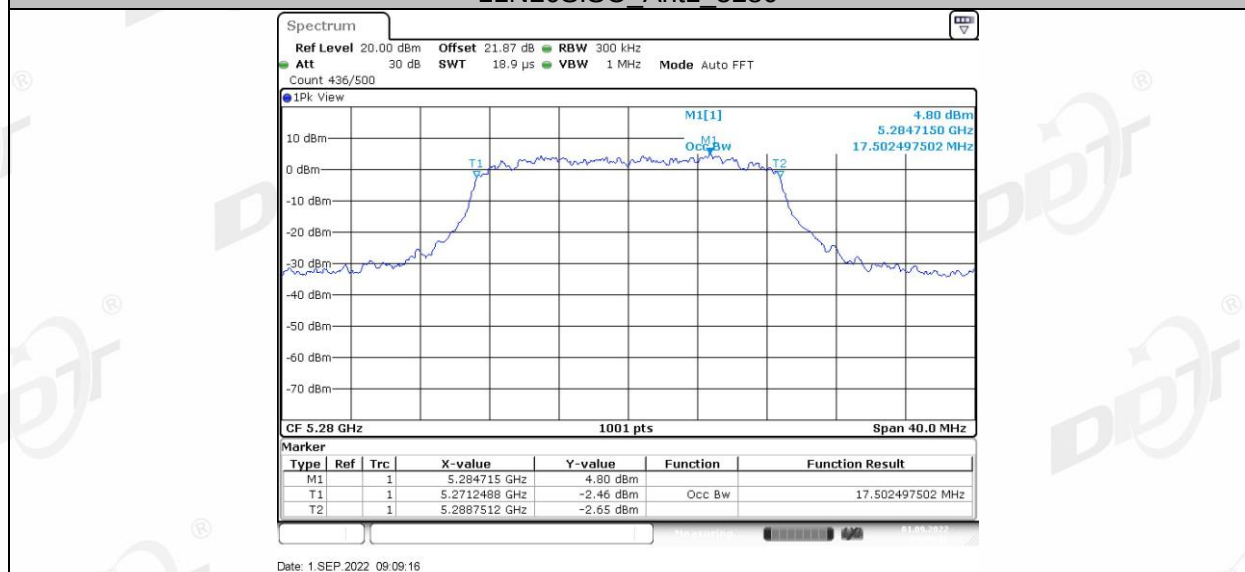
11N20SISO_Ant1_5240



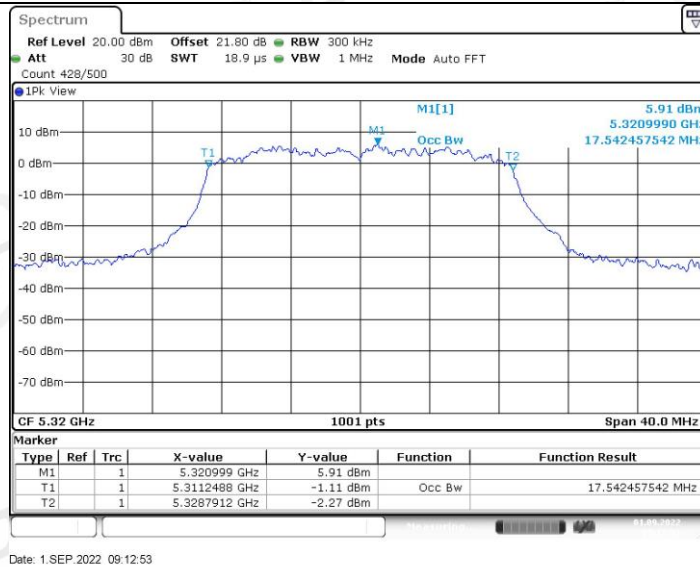
11N20SISO Ant1_5260



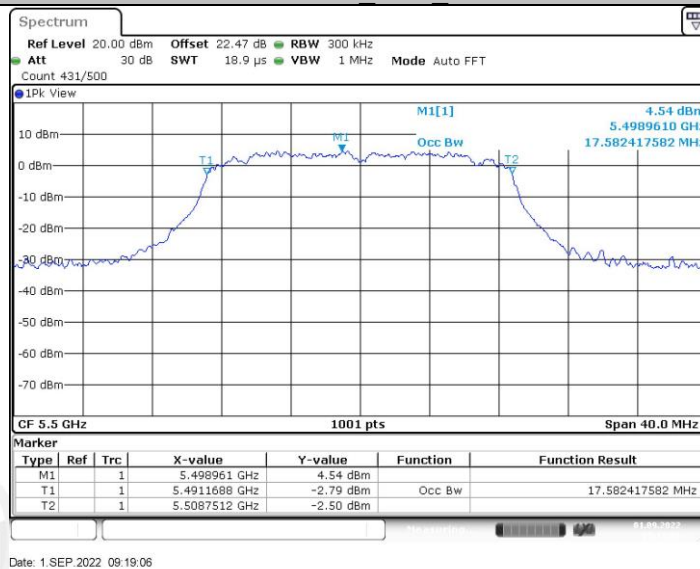
11N20SISO Ant1_5280



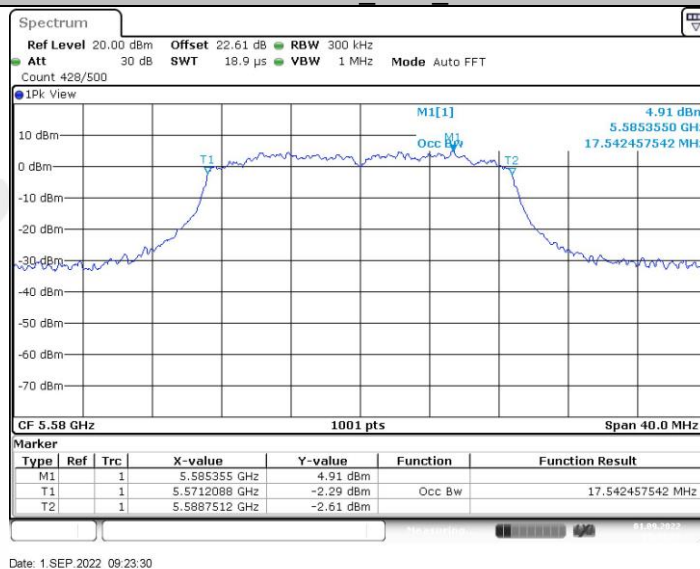
11N20SISO Ant1_5320



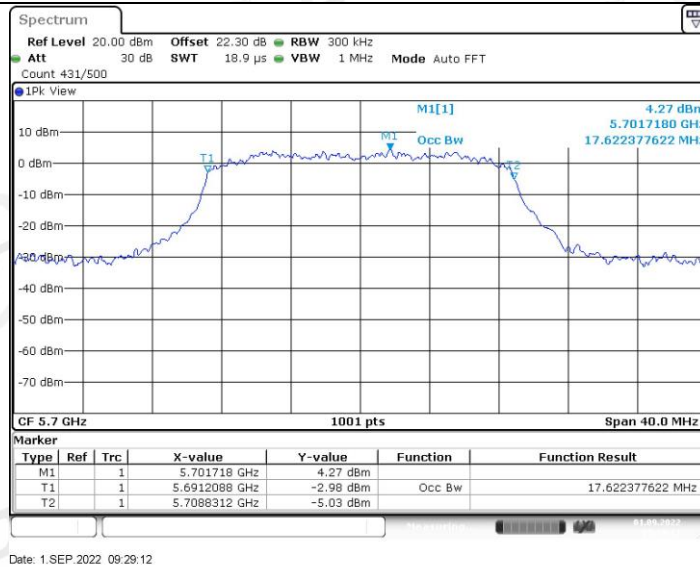
11N20SISO_Ant1_5500



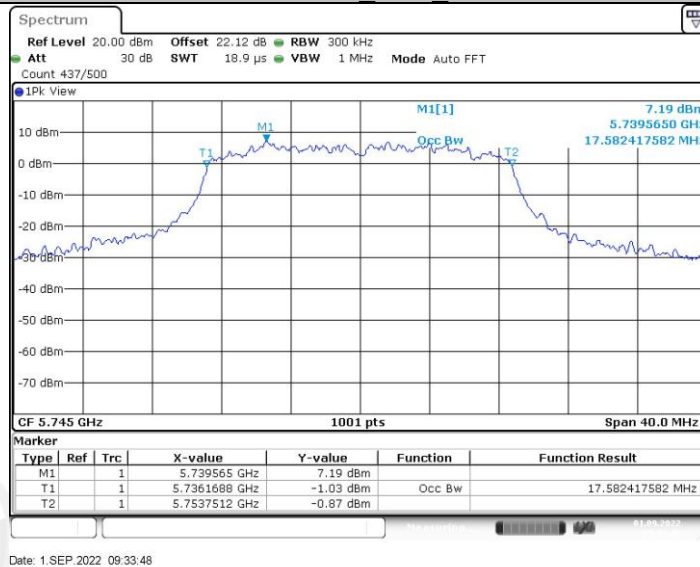
11N20SISO_Ant1_5580



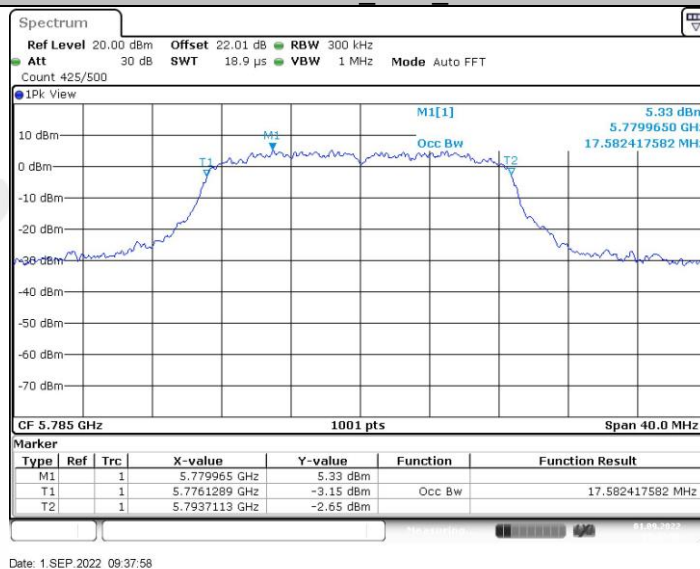
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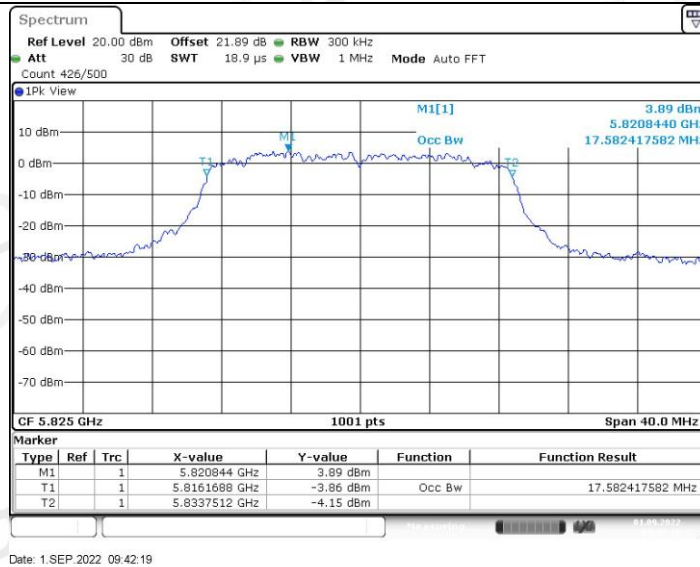
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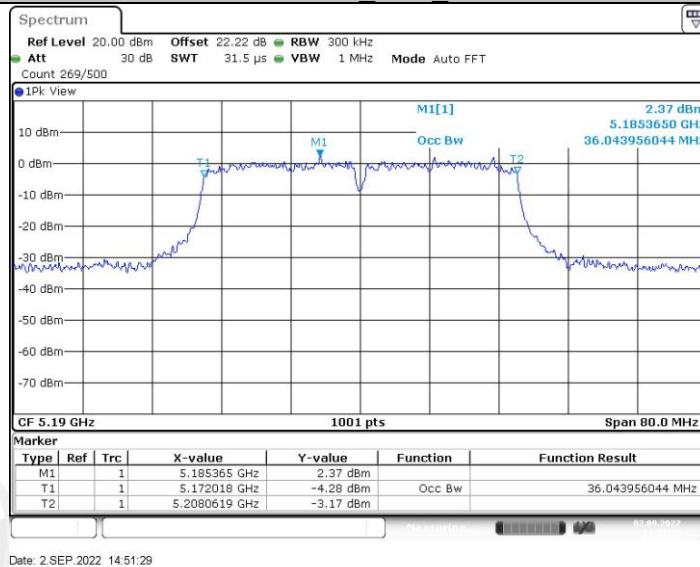
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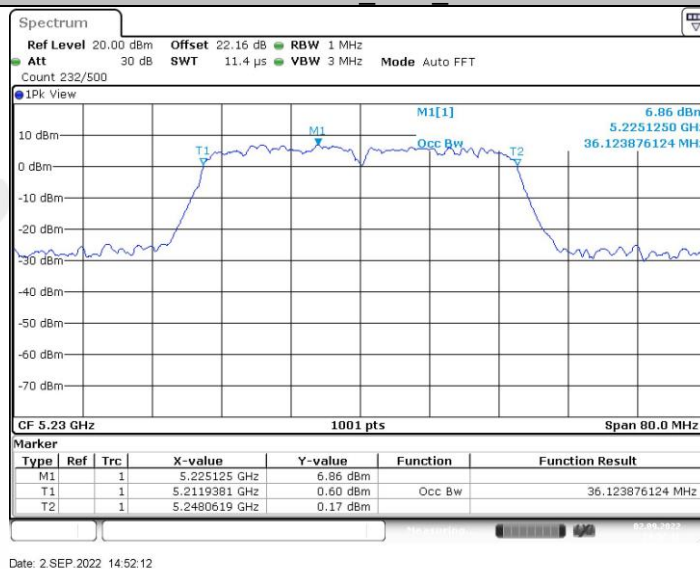
11N20SISO Ant1_5825



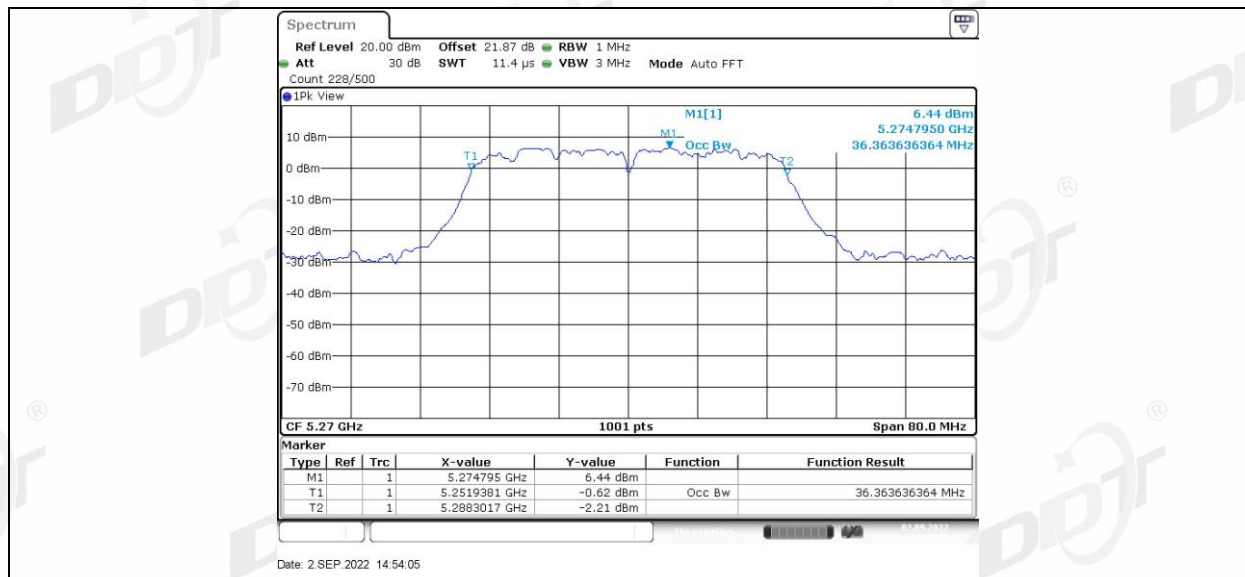
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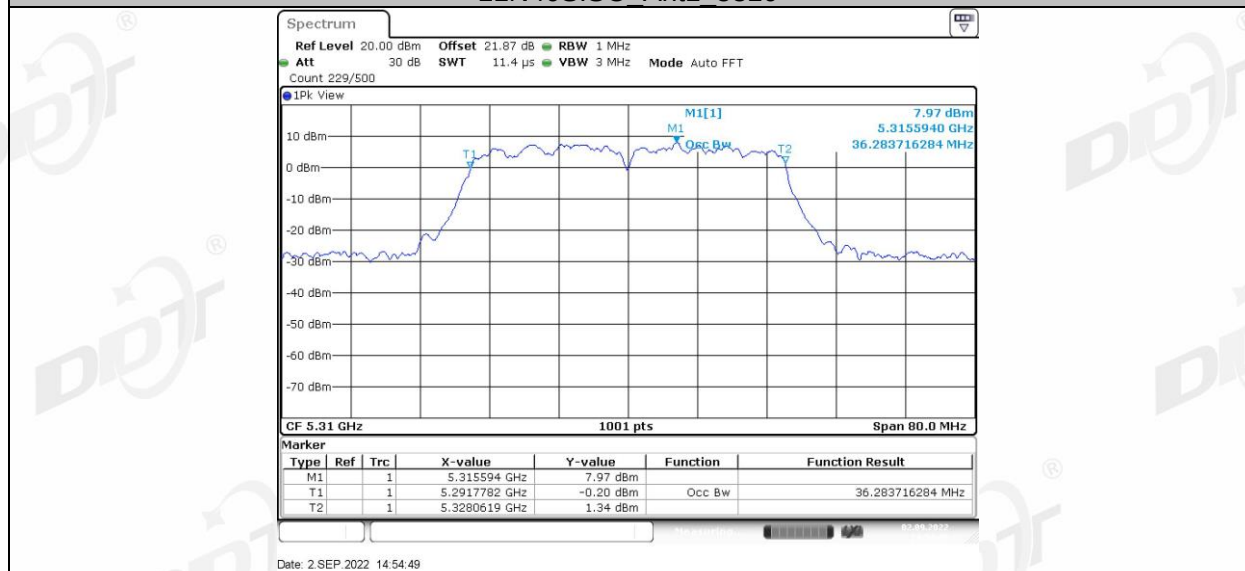
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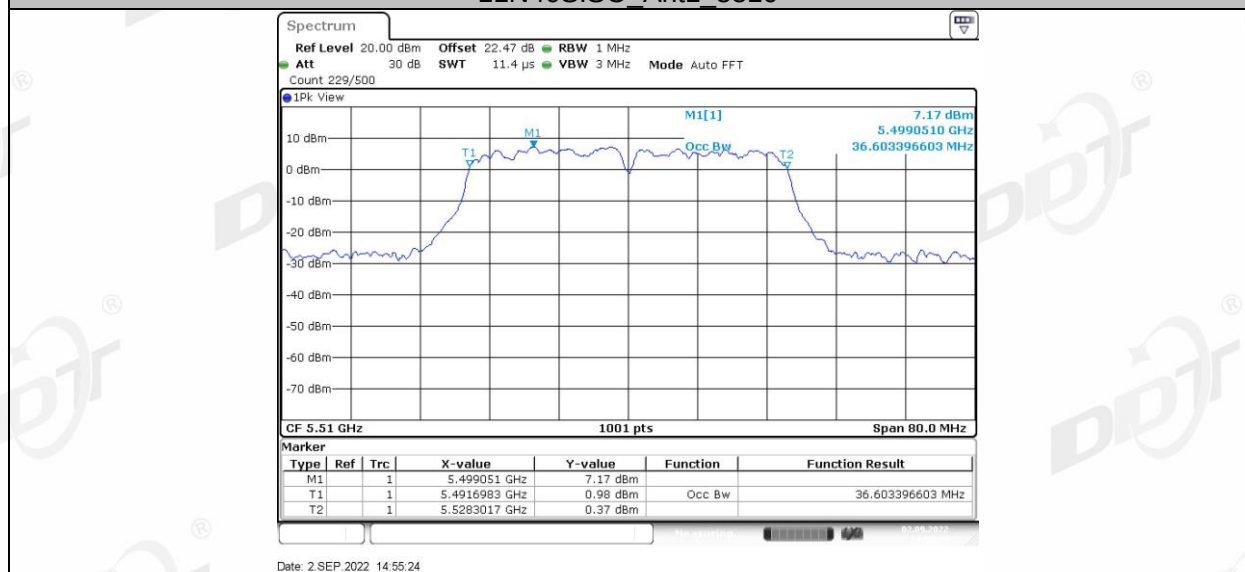
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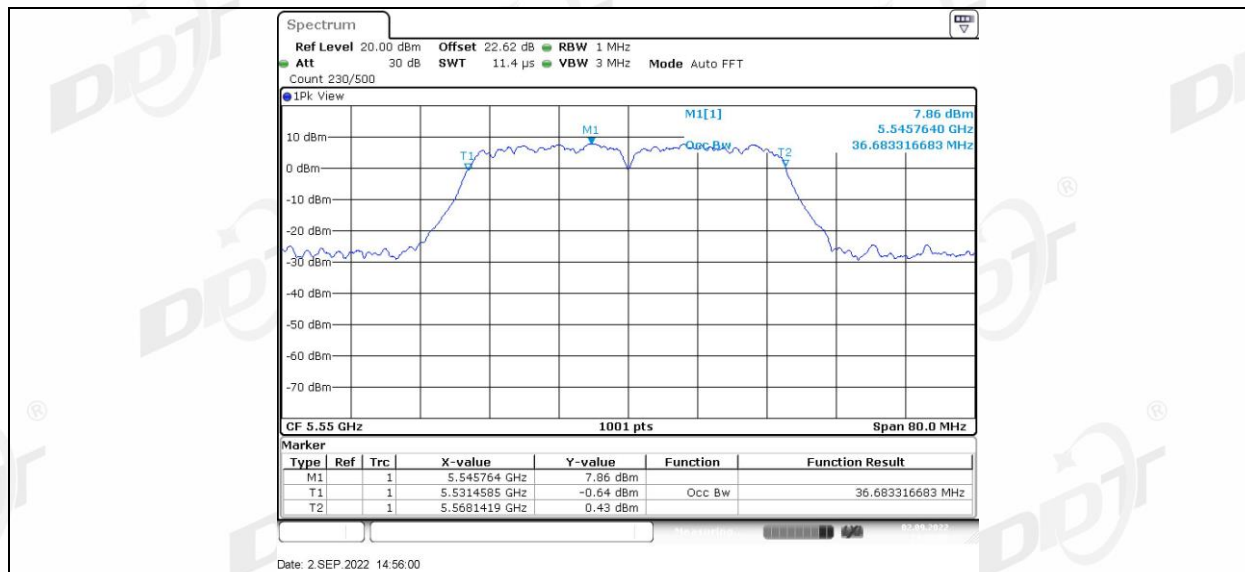
11N40SISO Ant1 5310



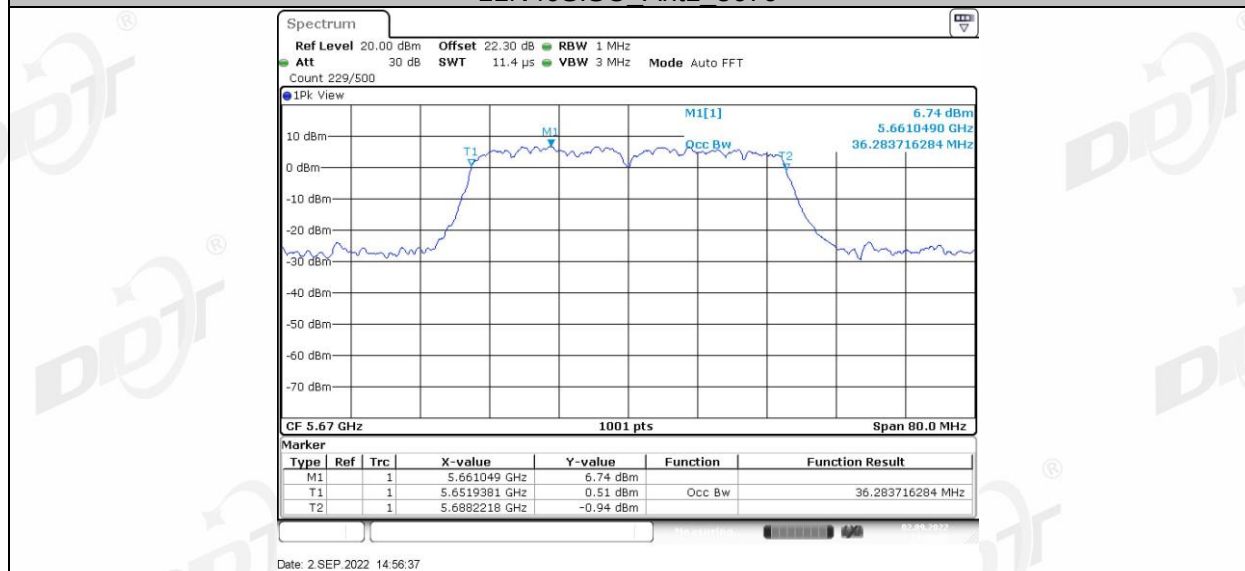
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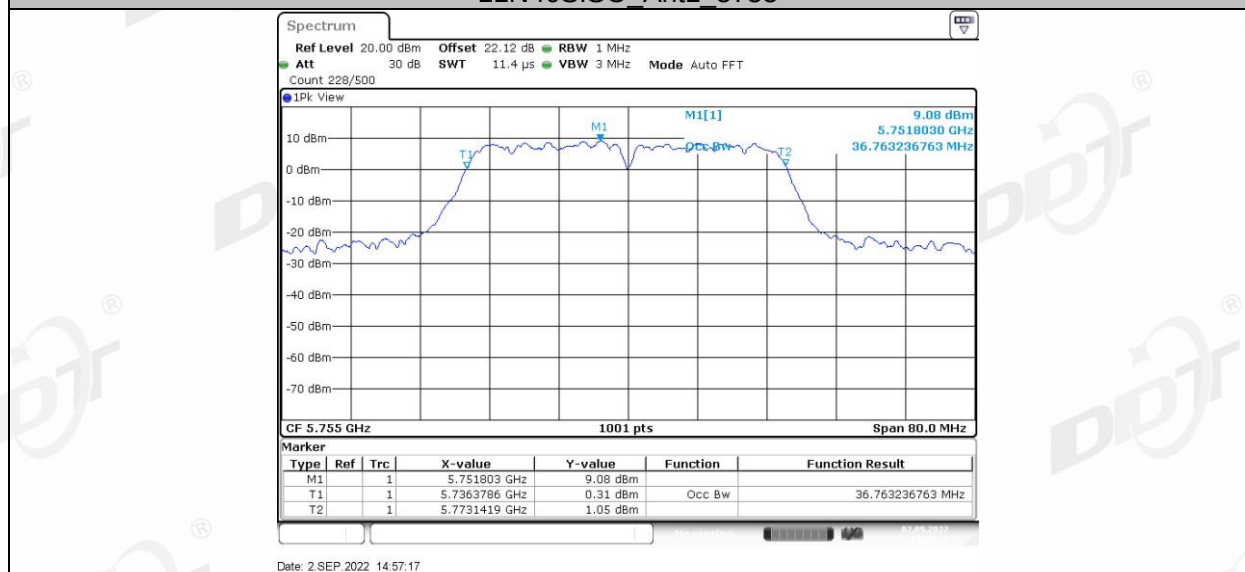
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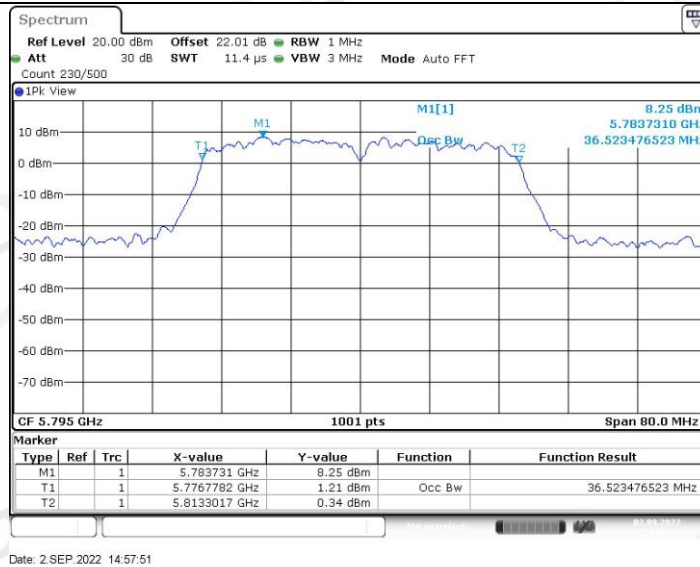
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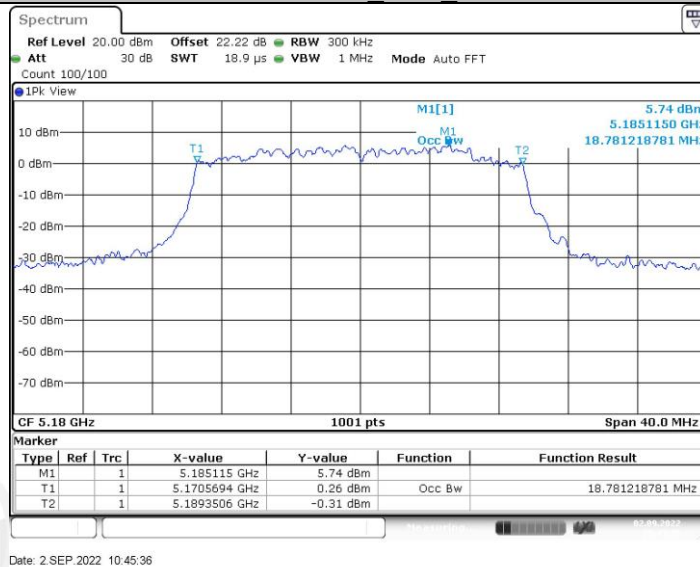
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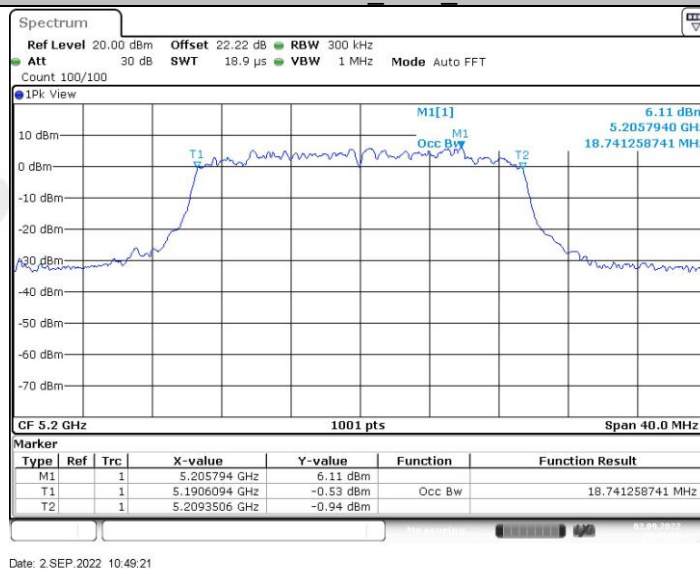
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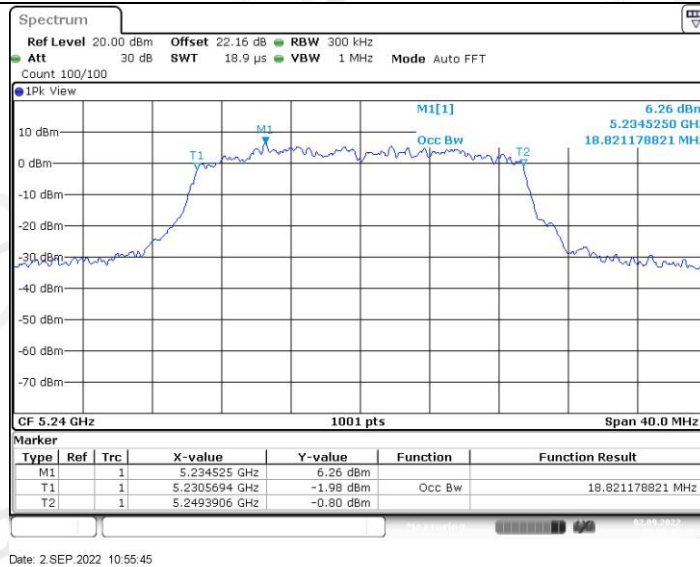
11AX20SISO_Ant1_5180



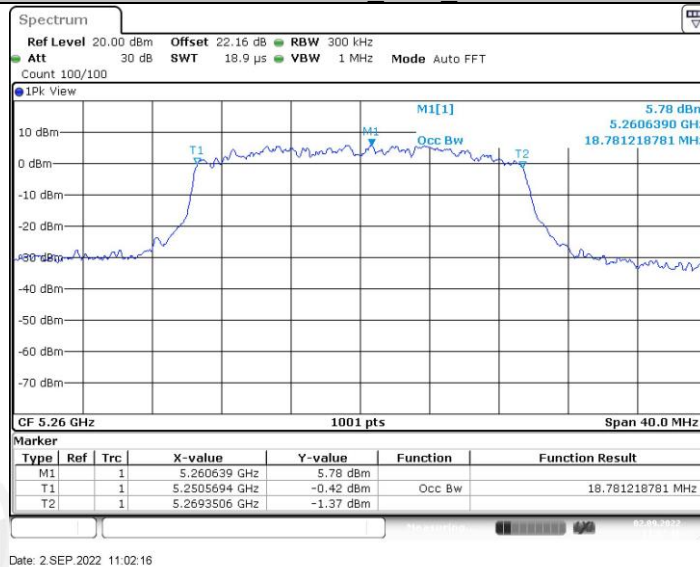
11AX20SISO_Ant1_5200



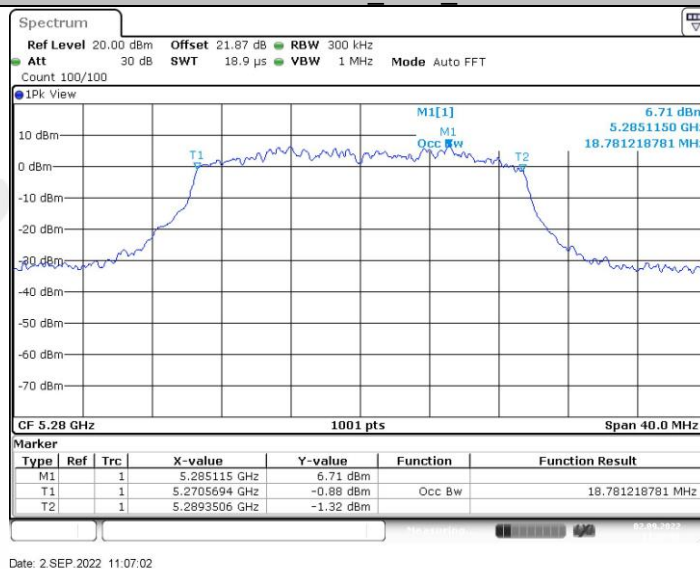
11AX20SISO_Ant1_5240



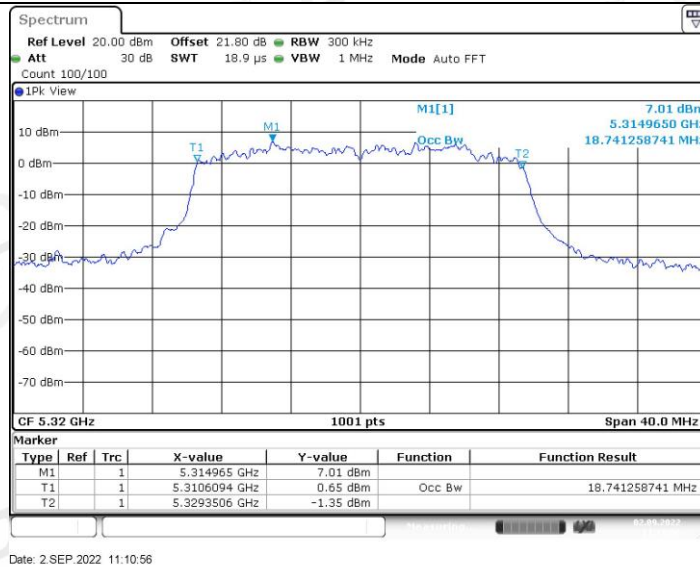
11AX20SISO_Ant1_5260



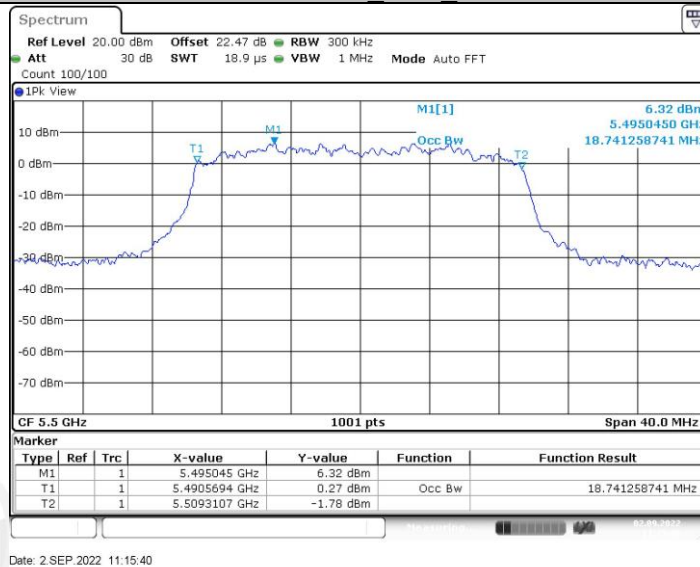
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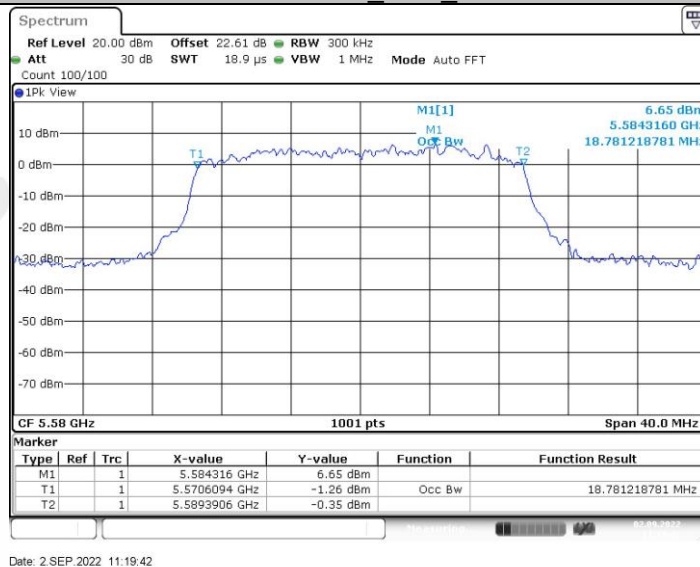
11AX20SISO_Ant1_5320



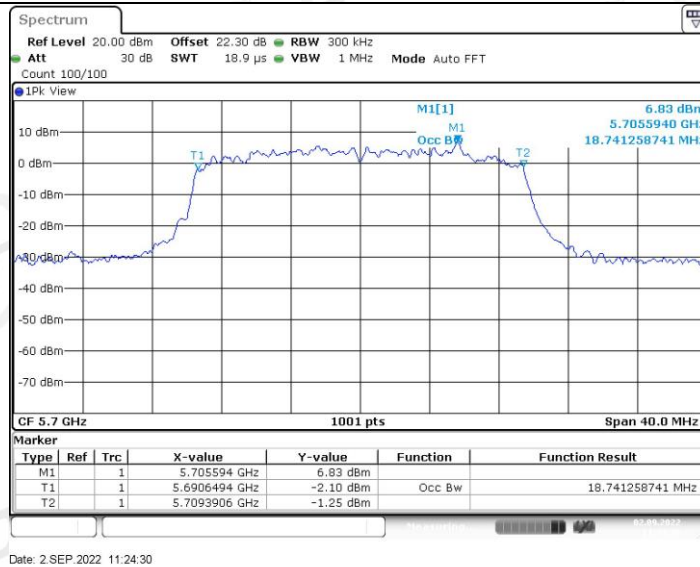
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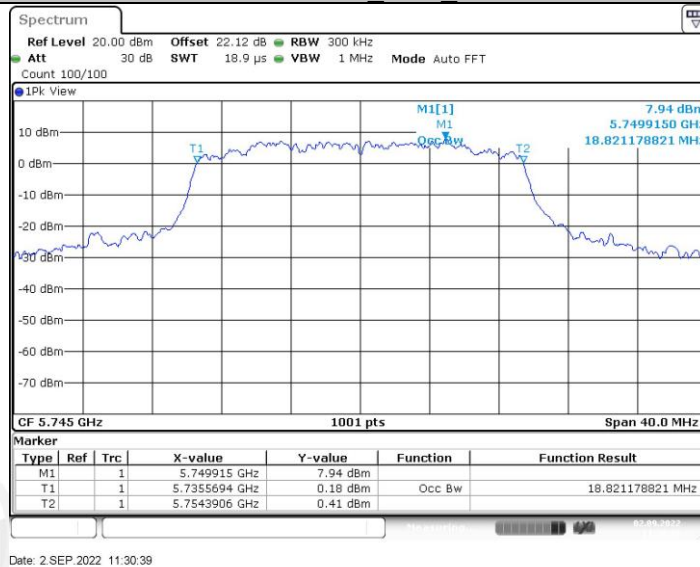
11AX20SISO_Ant1_5580



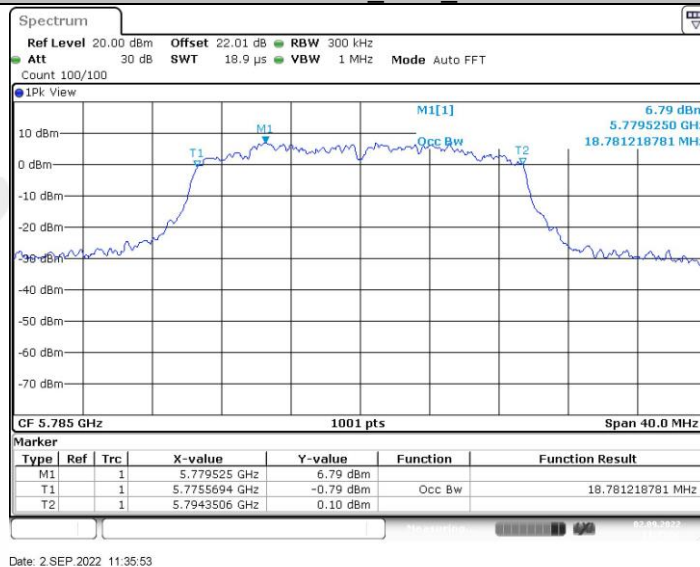
11AX20SISO_Ant1_5700



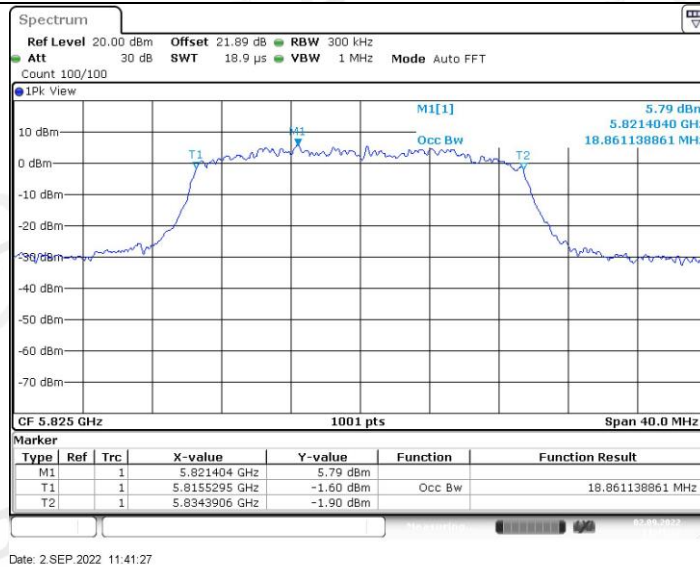
11AX20SISO_Ant1_5745



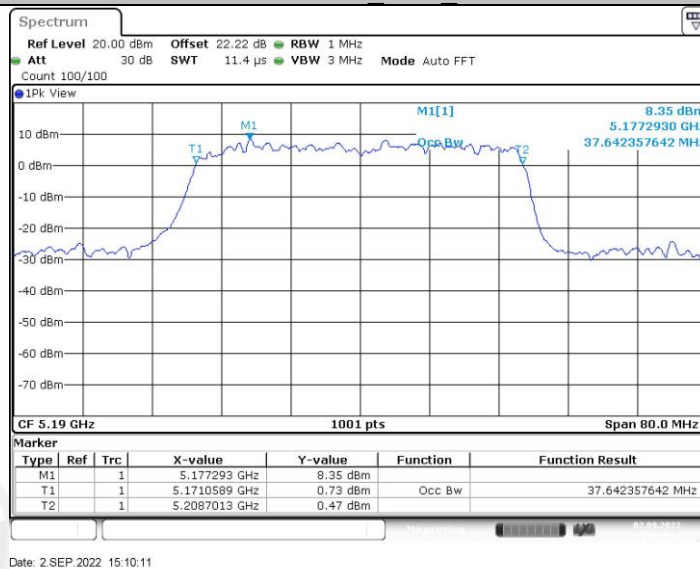
11AX20SISO_Ant1_5785



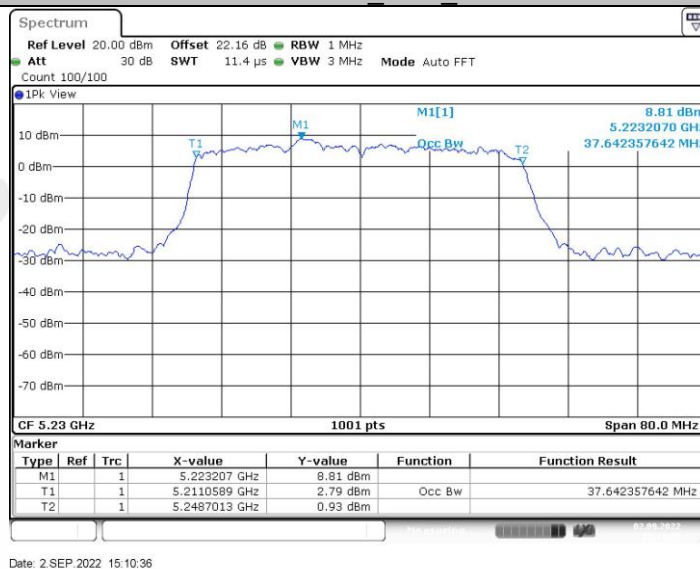
11AX20SISO_Ant1_5825



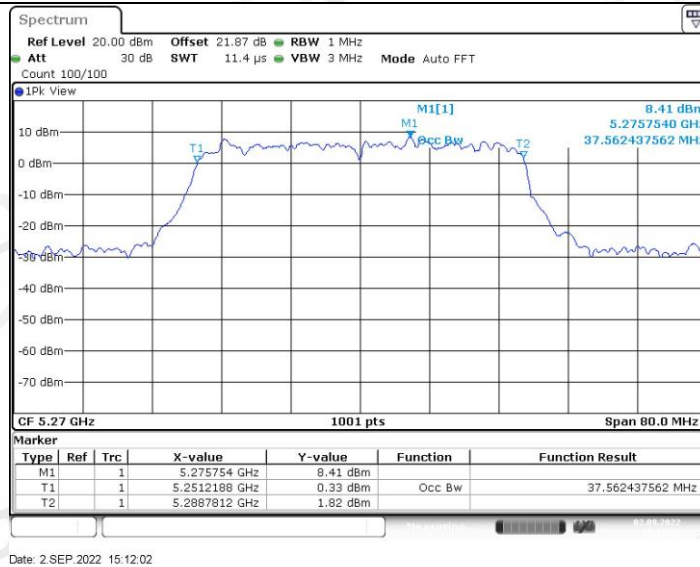
11AX40SISO_Ant1_5190



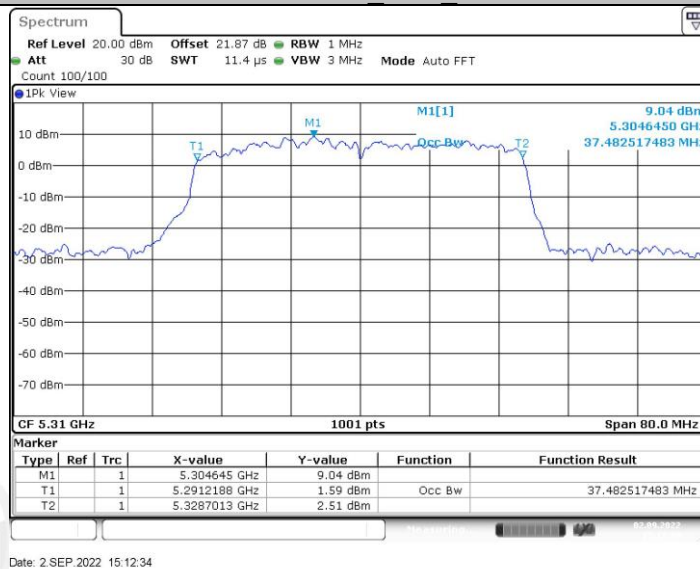
11AX40SISO_Ant1_5230



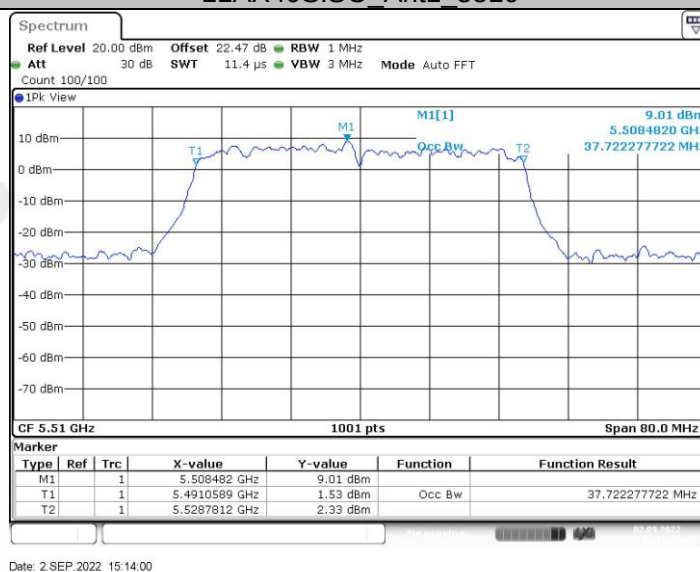
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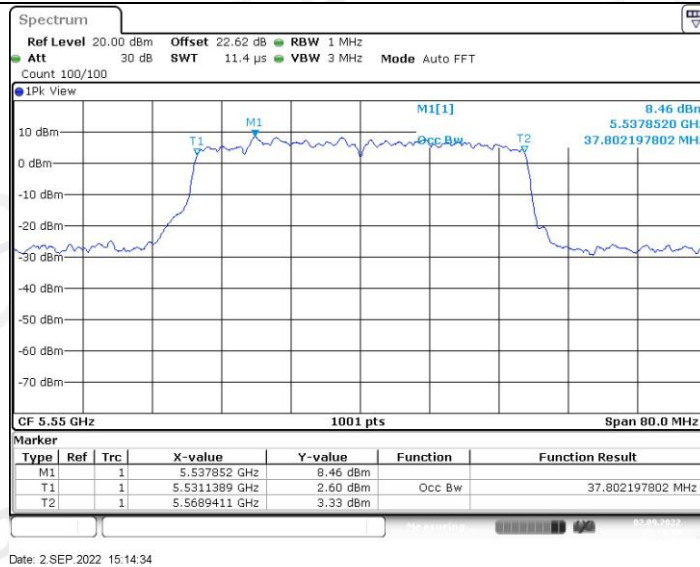
11AX40SISO_Ant1_5310



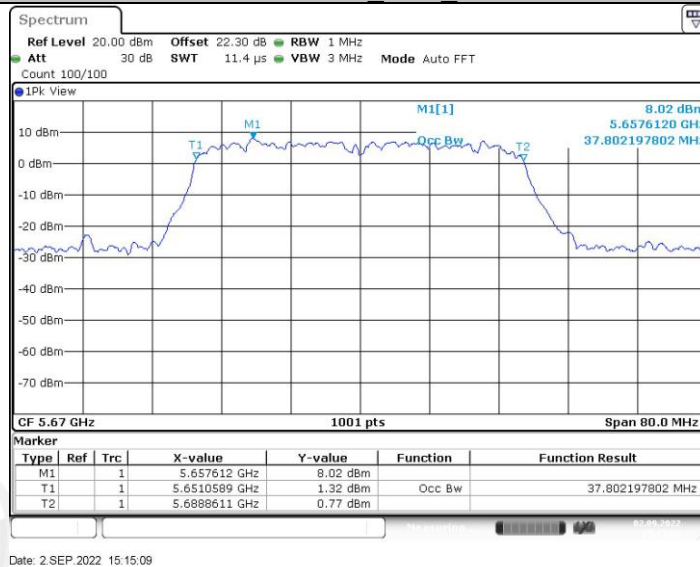
11AX40SISO_Ant1_5510



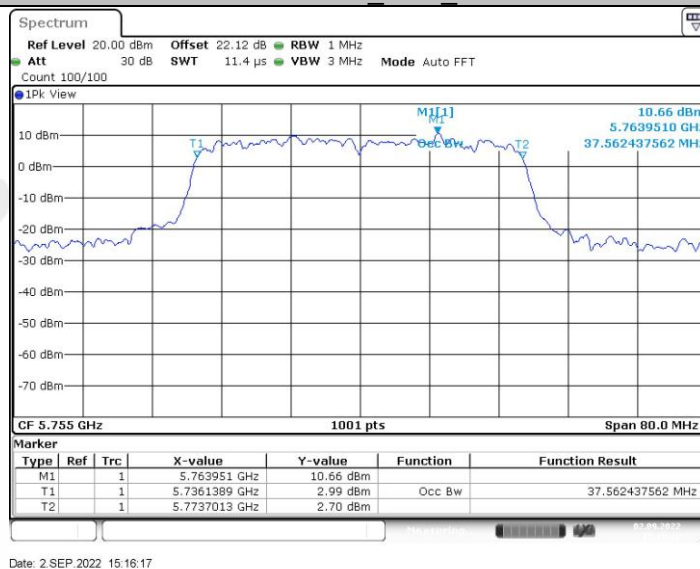
11AX40SISO_Ant1_5550



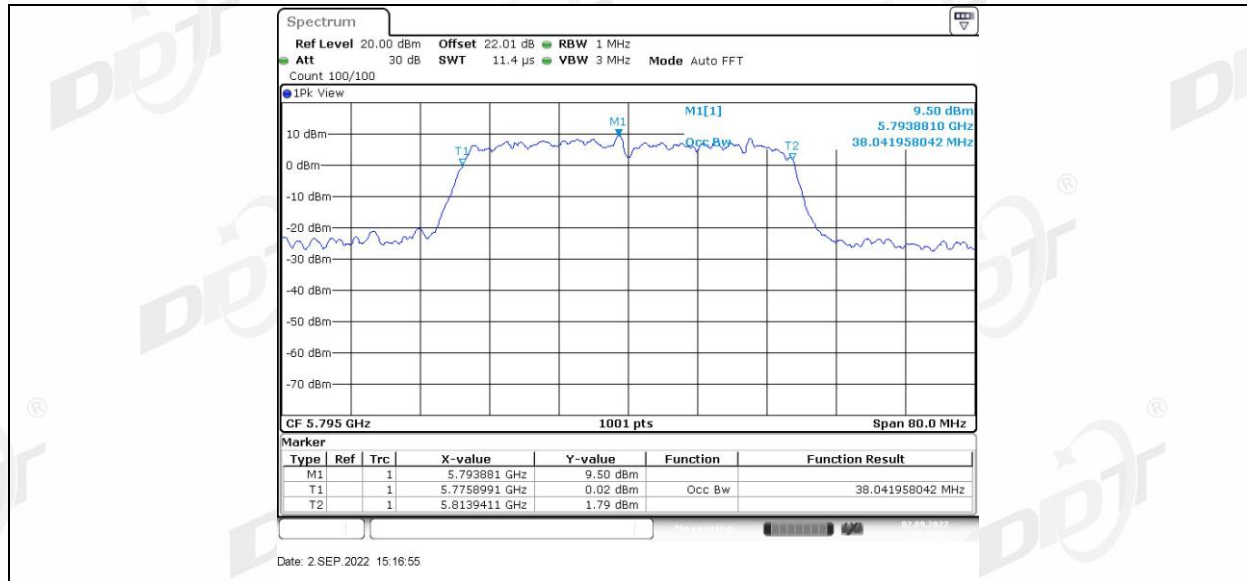
11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5755

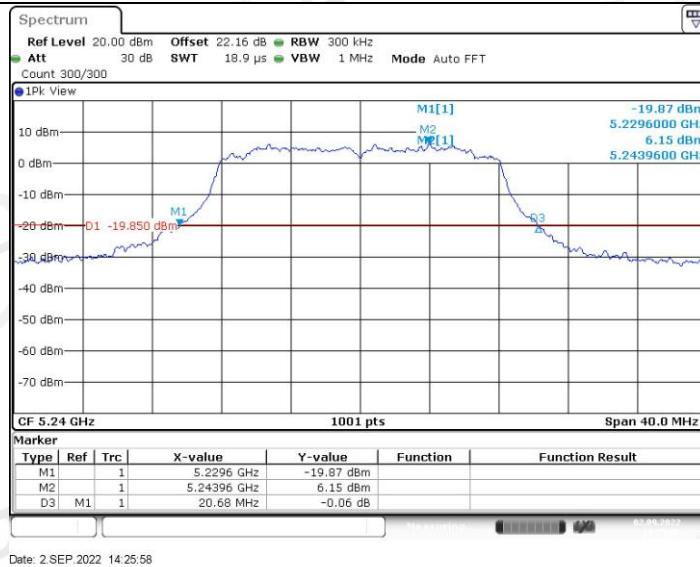


11AX40SISO_Ant1_5795

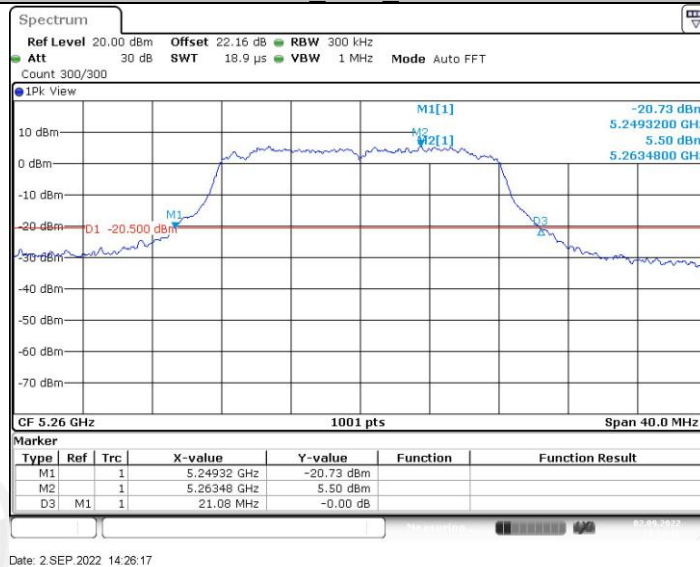


26db EBW:

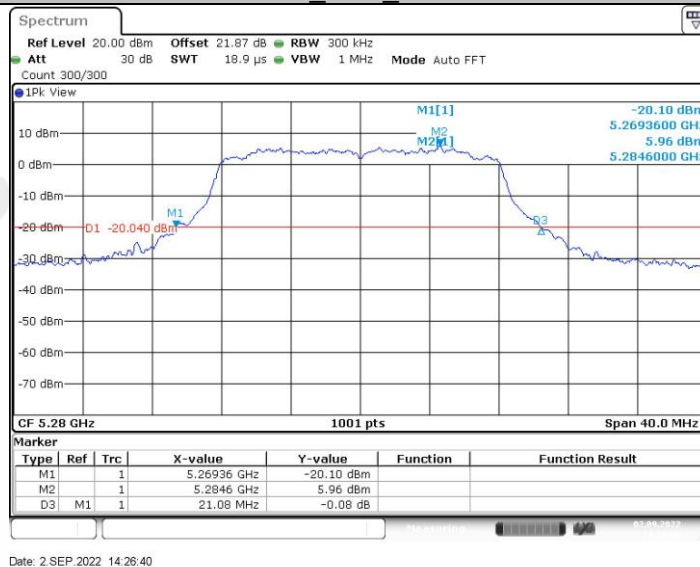




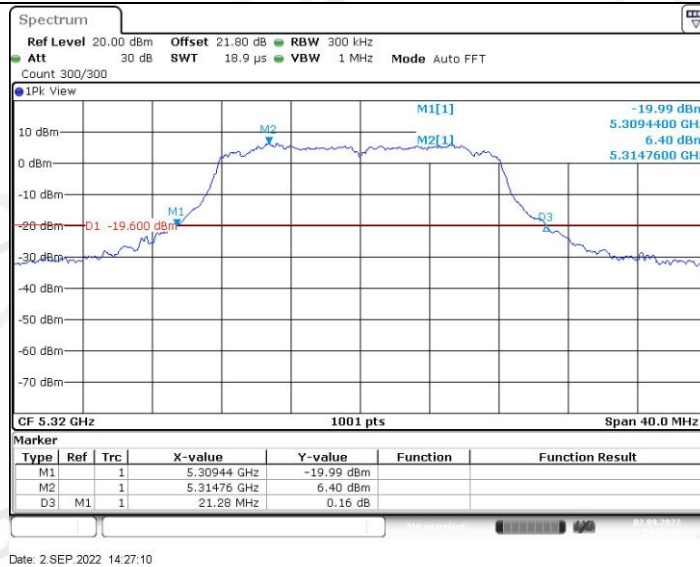
11A_Ant1_5260



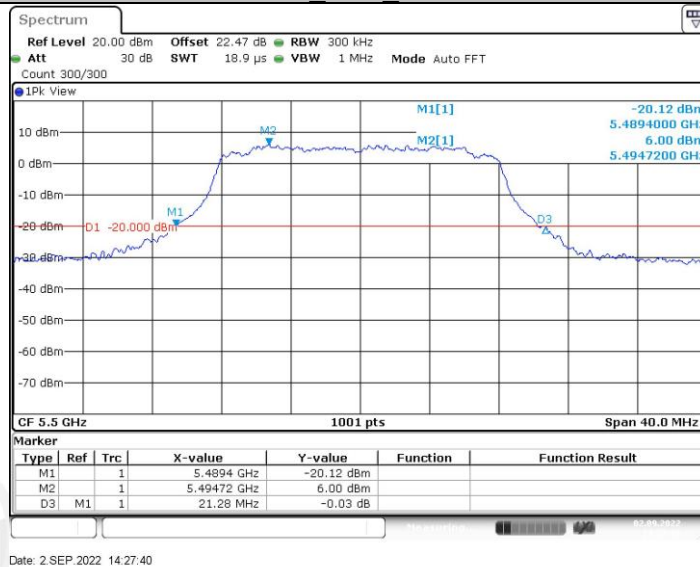
11A_Ant1_5280



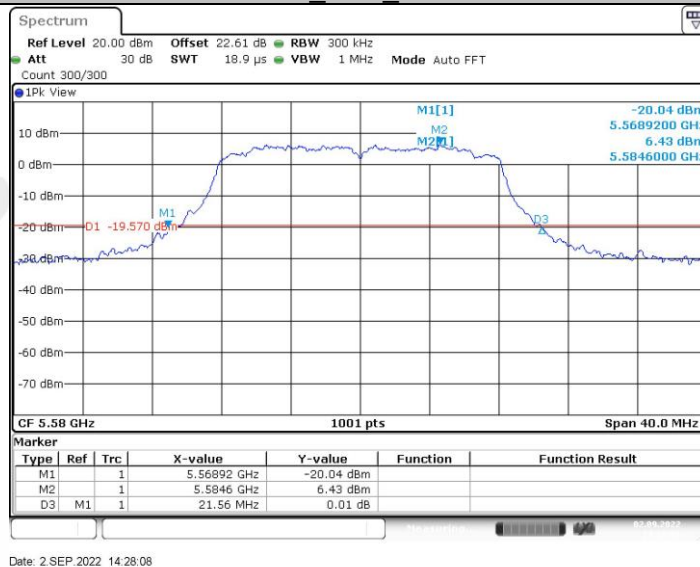
11A_Ant1_5320



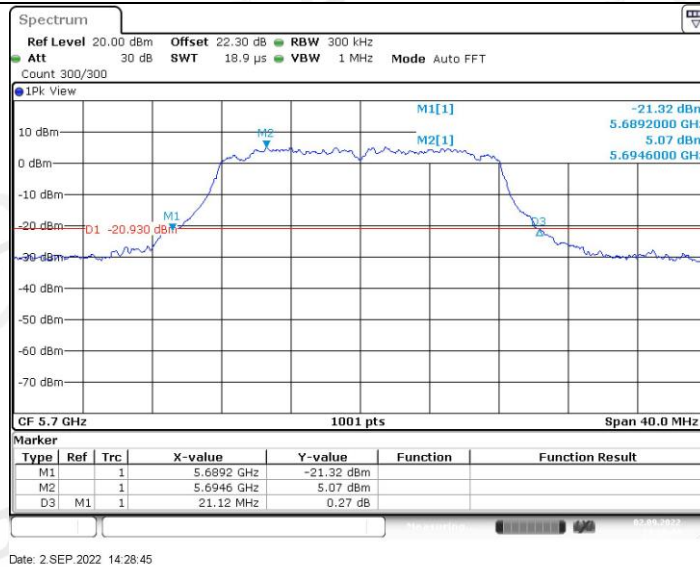
11A_Ant1_5500



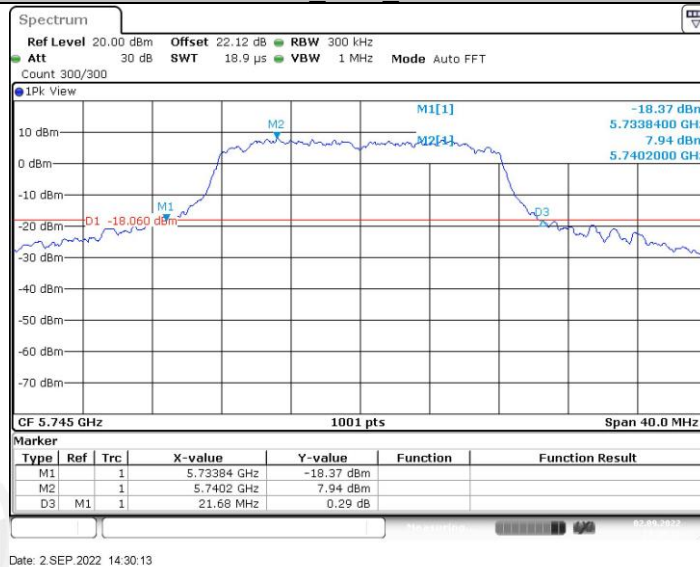
11A_Ant1_5580



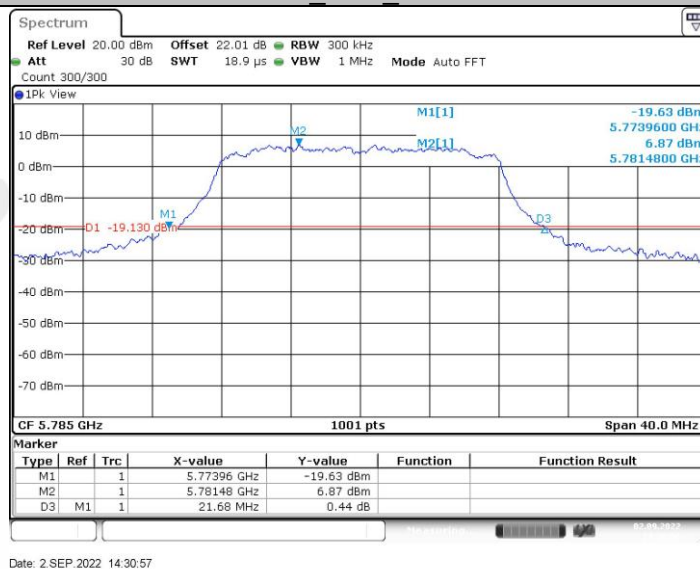
11A_Ant1_5700



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825