

FCC AND ISED CERTIFICATION TEST REPORT

FOR

Applicant	:	Formovie (Chongqing) Innovative Technology Co., Ltd.
Address	:	4-401, #2 Longgang Road, Guojiatuo Area, Jiangbei District, Chongqing, China
Equipment under Test	:	LCD Smart Projector
Model No.	:	XMM2101, XMM21**(*=0-9)
Trade Mark	:	Xming, WEWATCH
FCC ID	:	2AZNP-XMM2101
IC	:	27267-XMM2101
Manufacturer	:	Formovie (Chongqing) Innovative Technology Co., Ltd.
Address	:	4-401, #2 Longgang Road, Guojiatuo Area, Jiangbei District, Chongqing, China

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

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REPORT

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Test Report Declare

Applicant	:	Formovie (Chongqing) Innovative Technology Co., Ltd.
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Address	:	4-401, #2 Longgang Road, Guojiatuo Area, Jiangbei District, Chongqing, China

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E, RSS-247 Issue 2 February 2017.

Test procedure used: ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01, RSS-Gen Issue 5 April 2018, KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 (2016-04-08) , KDB 905462 D03 Client Without DFS New Rules v01r01 (2014-08-14) .

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&ISED standards.

Report No.:	DDT-RE23042304-2E04		
Date of Receipt:	May 08, 2023	Date of Test:	May 10, 2023~ Jun. 05, 2023

Prepared By:

Jacky Huang

Jacky Huang/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	Jun. 06, 2023	

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) RSS-247 Clause 6.2	Pass
Maximum Conducted Output Power	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
Power Spectral Density	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
Frequency Stability Measurement	FCC 15.407 (g) RSS-247 Clause 6.2 RSS-GEN Clause 8.9	Pass
Emissions in restricted frequency bands	FCC 15.407 (a) FCC 15.209 FCC 15.205 RSS-247 Clause 6.2 RSS-GEN Clause 8.9	Pass
Band Edge Compliance	FCC 15.407 (a) FCC 15.209 FCC 15.205 RSS-247 Clause 6.2 RSS-GEN Clause 8.9	Pass
Power Line Conducted Emission	FCC 15.207 RSS-GEN Clause 8.8	Pass
Antenna requirement	FCC 15.203 RSS-GEN Clause 8.3	Pass
Dynamic Frequency Selection	FCC 15.407 (h) RSS-247 Clause 6.3	Pass

2. General test information

2.1. Description of EUT

EUT Name	: LCD Smart Projector
Model Number	: XMM2101, XMM21**(*=0-9)
Model Differences	: The models used are the same in appearance, process material, hardware and software, just different model for different market or business purposes, therefore was tested on the model XMM2101.
EUT function description	: Please reference user manual of this device
Power Supply	: DC 19V from external switching power supply
Radio Technology	: IEEE 802.11a/n/ac
Operation frequency	: IEEE 802.11a: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11n HT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11n HT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5710MHz, 5755MHz-5755MHz IEEE 802.11ac VHT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11ac VHT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5710MHz, 5755MHz-5755MHz IEEE 802.11ac VHT80: 5210MHz, 5290MHz, 5530MHz, 5690MHz, 5775MHz
Modulation	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac VHT20, VHT40, VHT80: 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	: Antenna 1: FPC antenna, Maximum PK gain: 3.89 dBi Antenna 2: FPC antenna, Maximum PK gain: 3.78 dBi
Sample Number	: S23042304-01

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

Note 2: Band 5600-5650MHz will be disabled when shipped to Canada.

Note 3: EUT does not support beamforming.

Note 4: EUT does not support simultaneous transmission of 2.4G WIFI and 5G WIFI.

Note 5: Serial model No.: XMM21** only apply for FCC ID.

Antenna information			
	Ant1 gain	Ant2 gain	Directional gain
IEEE 802.11a	3.89	3.78	/
IEEE 802.11n HT20	3.89	3.78	3.42
IEEE 802.11n HT40	3.89	3.78	3.42
IEEE 802.11ac VHT20	3.89	3.78	3.42
IEEE 802.11ac VHT40	3.89	3.78	3.42
IEEE 802.11ac VHT80	3.89	3.78	3.42

Note: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi. The output signals of EUT are considered completely uncorrelated according to KDB 662911 D01, part F.

Channel information					
IEEE 802.11a		IEEE 802.11n (HT40)		IEEE 802.11ac (VHT80)	
IEEE 802.11n (HT20)		IEEE 802.11ac (VHT40)			
IEEE 802.11ac (VHT20)					
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
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	142	5710	/	/
124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
134	5680	/	/	/	/
140	5700	/	/	/	/
144	5720	/	/	/	/
UNII-3					
144	5720	142	5710	138	5690
149	5745	151	5755	155	5775
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/

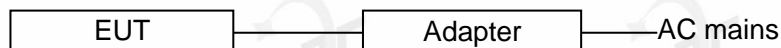
2.2. Accessories of EUT

Description of Accessories	Manufacturer	Model Number	Description	Remark
Switching power supply	Huizhou Golden Lake Industrial Co., Ltd.	S065ARU200 0325	N/A	Input: 100-240V~, 50/60Hz, 1.8A MAX Output: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
Bluetooth Remote Control	Formovie (Chongqing) Innovative Technology Co., Ltd.	RC605B	N/A	N/A

2.3. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	EMC Compliance	FCC ID/IC
M6a Plus Mesh Wi-Fi Router	Mercku Technology (China), Inc.	M6a Plus	N/A	2APR4-M6P 23877-M6P

2.4. Block diagram of EUT configuration for test



Test software: putty.exe

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, channel, and data rate information				
Mode	Setting Tx Power	data rate (Mbps) (see Note)	Channel	Frequency (MHz)
IEEE 802.11a	default	6	Low: CH36	5180
	default	6	Middle: CH40	5200
	default	6	High: CH48	5240
	default	6	Low: CH52	5260
	default	6	Middle: CH56	5280
	default	6	High: CH64	5320
	default	6	Low: CH100	5500
	default	6	Middle: CH116	5580
	default	6	High: CH144	5720
	default	6	Low: CH149	5745
	default	6	Middle: CH157	5785
	default	6	High: CH165	5825
IEEE 802.11n HT20	13.5	MCS 8	Low: CH36	5180
	13.5	MCS 8	Middle: CH40	5200
	13.5	MCS 8	High: CH48	5240

	default	MCS 8	Low: CH52	5260
	default	MCS 8	Middle: CH56	5280
	default	MCS 8	High: CH64	5320
	default	MCS 8	Low: CH100	5500
	default	MCS 8	Middle: CH116	5580
	default	MCS 8	High: CH144	5720
	default	MCS 8	Low: CH149	5745
	default	MCS 8	Middle: CH157	5785
	default	MCS 8	High: CH165	5825
IEEE 802.11n HT40	default	MCS 8	Low: CH38	5190
	default	MCS 8	High: CH46	5230
	default	MCS 8	Low: CH54	5270
	default	MCS 8	High: CH62	5310
	default	MCS 8	Low: CH102	5510
	default	MCS 8	Middle: CH110	5550
	default	MCS 8	High: CH142	5710
	default	MCS 8	Low: CH151	5755
	default	MCS 8	High: CH159	5795
IEEE 802.11ac VHT20	13.5	MCS 0	Low: CH36	5180
	13.5	MCS 0	Middle: CH40	5200
	13.5	MCS 0	High: CH48	5240
	default	MCS 0	Low: CH52	5260
	default	MCS 0	Middle: CH56	5280
	default	MCS 0	High: CH64	5320
	default	MCS 0	Low: CH100	5500
	default	MCS 0	Middle: CH116	5580
	default	MCS 0	High: CH144	5720
	default	MCS 0	Low: CH149	5745
	default	MCS 0	Middle: CH157	5785
	default	MCS 0	High: CH165	5825
IEEE 802.11ac VHT40	default	MCS 0	Low: CH38	5190
	default	MCS 0	High: CH46	5230
	default	MCS 0	Low: CH54	5270
	default	MCS 0	High: CH62	5310
	default	MCS 0	Low: CH102	5510
	default	MCS 0	Middle: CH110	5550
	default	MCS 0	High: CH142	5710
	default	MCS 0	Low: CH151	5755
	default	MCS 0	High: CH159	5795
IEEE 802.11ac VHT80	default	MCS 0	CH42	5210
	default	MCS 0	CH58	5290
	default	MCS 0	CH106	5530
	default	MCS 0	CH122	5610
	default	MCS 0	CH138	5690
	default	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

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 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies Stability	6.7 × 10 ⁻⁸ (Antenna couple method)
	5.5 × 10 ⁻⁸ (Conducted method)
Conducted Spurious Emissions	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.40 dB (3.6 GHz ≤ f < 8 GHz)
	1.66 dB (8 GHz ≤ f < 26.5 GHz)
Uncertainty for Radio Frequency (RBW<20 KHz)	3×10 ⁻⁸
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission Test (9kHz -30 Mhz)	3.44 dB
Uncertainty for Radiation Emission Test (30 Mhz-1 Ghz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission Test (1 Ghz-40 Ghz)	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.

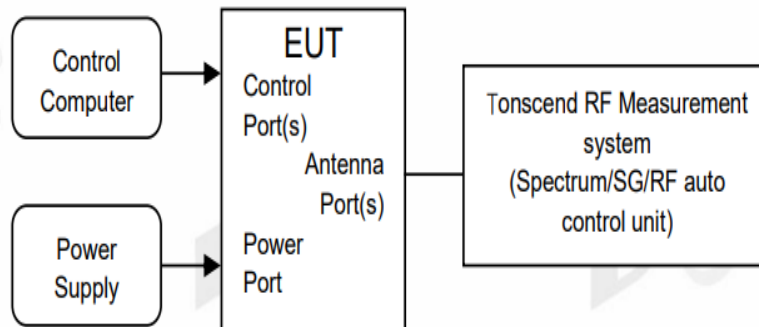
3. Equipment Used During Test

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	Apr. 27, 2023	1 Year
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	Aug. 26, 2022	1 Year
Vector Signal Generator	Agilent	N5182A	MY48180912	Apr. 23, 2023	1 Year
RF Control Unit	Tonscend	JS0806-2	20C8060230	Apr. 27, 2023	1 Year
Temp&Humi Programmable	ZHIXIANG	ZXGDJS-150L	ZX170110-A	May 15, 2023	1 Year
Test Software	JS Tonscend	JS1120-3	Ver.3.2.22	N/A	N/A
☑RF Connected Test (Tonscend RF Measurement System 1#)					
SIGNAL ANALYZER	R&S	FSQ26	101272	Apr. 27, 2023	1 Year
Wideband Radio Communication tester	R&S	CMW500	120259	Aug. 26, 2022	1 Year
MXG Vector Signal Generator	Agilent	N5182B	MY59100192	Apr. 27, 2023	1 Year
Vector Signal Generator	Agilent	N5182A	MY19060405	Apr. 27, 2023	1 Year
RF Control Unit	Tonsend	JS0806-2	158060010	Apr. 27, 2023	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	Apr. 23, 2023	1 Year
Spectrum analyzer	Agilent	E4447A	MY50180031	Apr. 23, 2023	1 Year
Active Loop antenna	Schwarzbeck	FMZB-1519	1519-038	Sep. 29, 2022	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	01429	Jul. 22, 2022	1 Year
Double Ridged Horn Antenna	Schwarzbeck	BBHA9120 D	02468	Sep. 29, 2022	1 Year
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	790	Apr. 26, 2023	1 Year
Pre-amplifier	SONOMA	310N	310815	Jun. 15, 2022	1 Year
Pre-amplifier	COM-POWER	PAM-118A	18040084	Aug.17, 2022	1 Year
Pre-amplifier	COM-POWER	PAM-840A	461369	Apr. 27, 2023	1 Year
RE Cable	N/A	W23.02 CP1-X2 + W23.09 AP1-X8+ JCT26S-NJ-NJ-	4.5M+8M+1.5M +1.5M	Apr. 21, 2023	1 Year

		1.5M+ JCT26S-NJ-NJ- 1.5M			
RF Cable	Yuhu Technology	JCTB810-NJ-NJ -9M+ ZT26S-SMAJ-S MAJ-1M	21123964	Apr. 23, 2023	1 Year
Micro-Tronics filters	REBES	BRM50702	G555	N/A	N/A
Micro-Tronics filters	REBES	BRM50716	G392	N/A	N/A
High Pass filter	XB	XBLBQ-GTA67	210820-2-3	N/A	N/A
Test software	Tonscend	JS32-RE	V 5.0.0.1	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

4.1. Block diagram of test setup



4.2. Limits

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

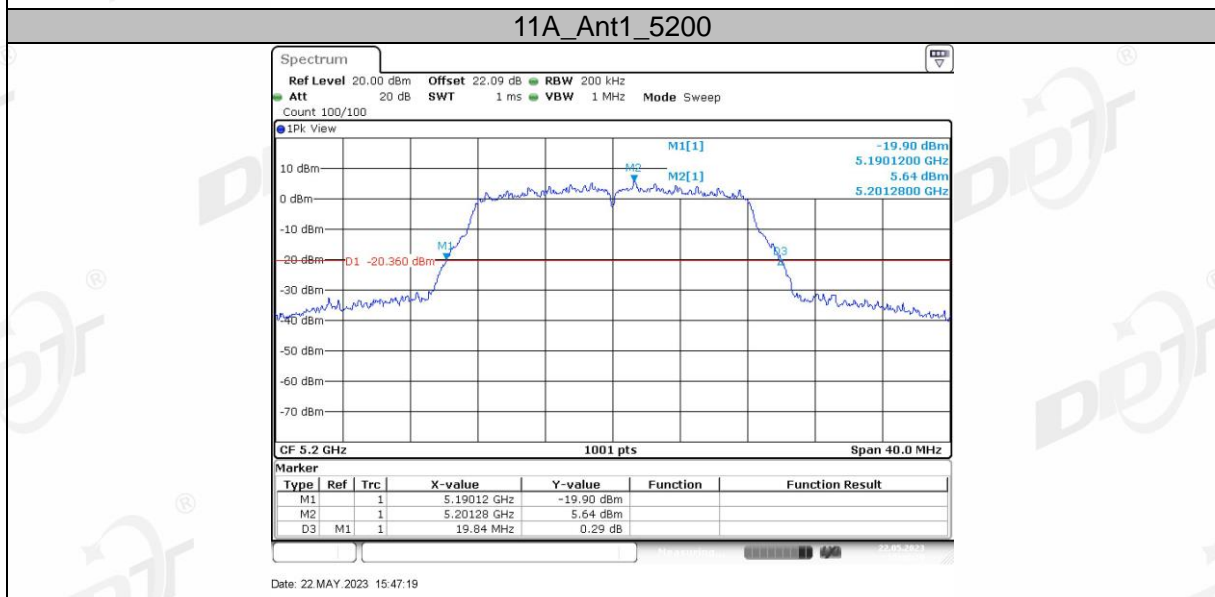
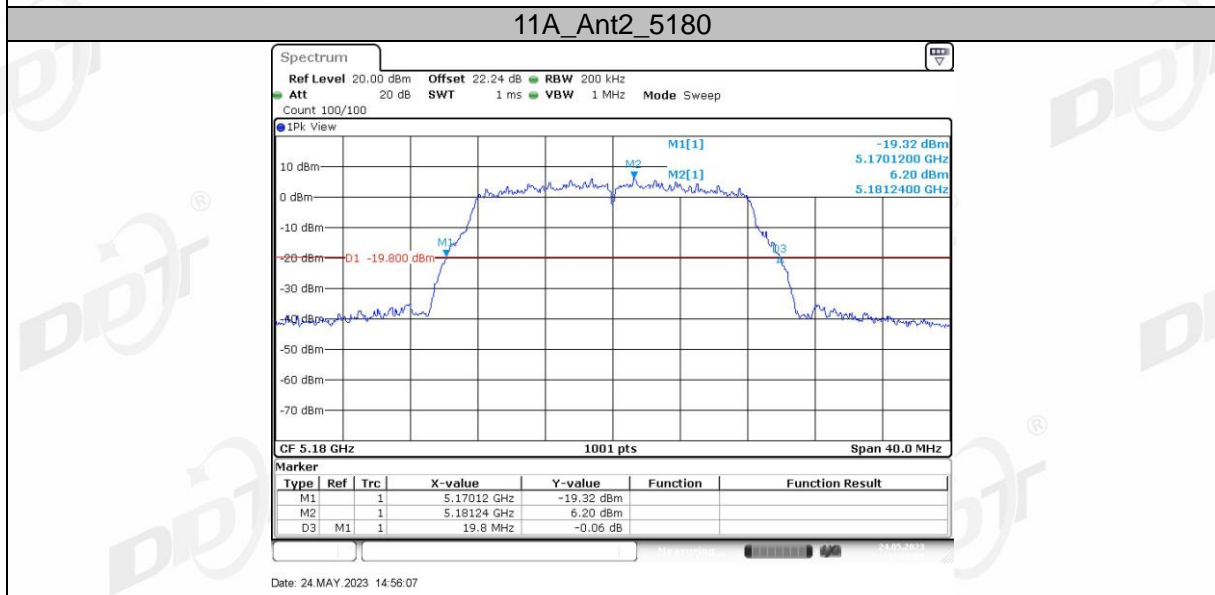
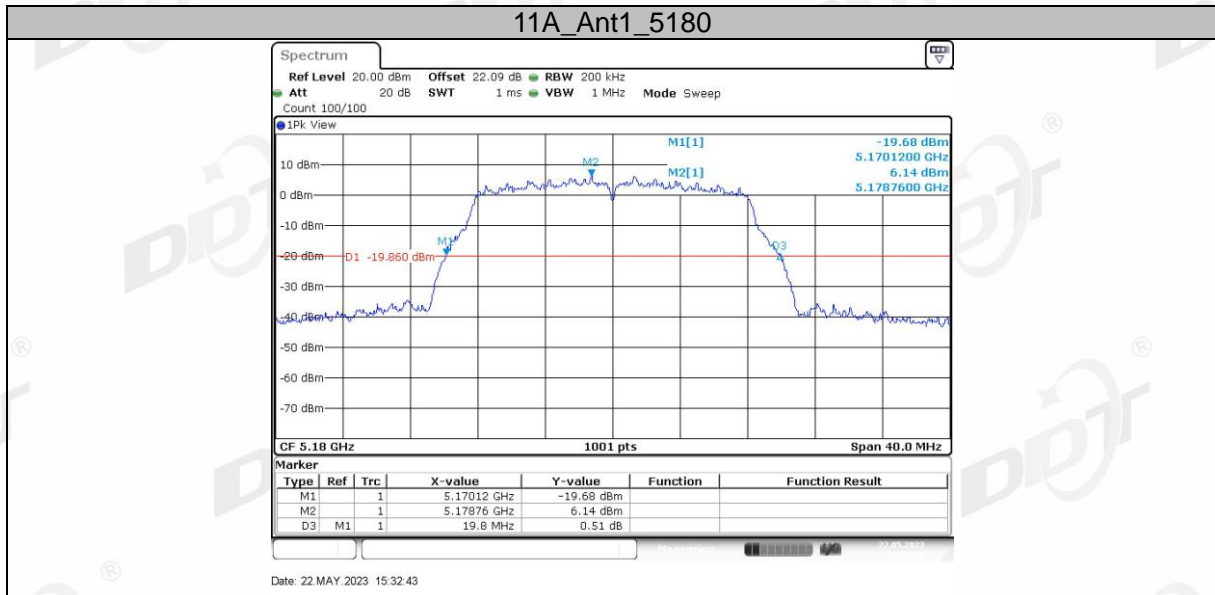
Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict	
11A	Ant1	5180	19.80	5170.12	5189.92	---	---	
	Ant2	5180	19.80	5170.12	5189.92	---	---	
	Ant1	5200	19.84	5190.12	5209.96	---	---	
	Ant2	5200	19.80	5190.16	5209.96	---	---	
	Ant1	5240	20.00	5229.96	5249.96	---	---	
	Ant2	5240	19.88	5230.08	5249.96	---	---	
	Ant1	5260	19.88	5250.08	5269.96	---	---	
	Ant2	5260	19.72	5250.24	5269.96	---	---	
	Ant1	5280	19.80	5270.12	5289.92	---	---	
	Ant2	5280	19.80	5270.12	5289.92	---	---	
	Ant1	5320	19.76	5310.16	5329.92	---	---	
	Ant2	5320	19.80	5310.08	5329.88	---	---	
	Ant1	5500	19.88	5490.08	5509.96	---	---	
	Ant2	5500	19.72	5490.16	5509.88	---	---	
	Ant1	5580	19.80	5570.16	5589.96	---	---	
	Ant2	5580	19.96	5570.00	5589.96	---	---	
	Ant1	5720	20.04	5710.04	5730.08	---	---	
	Ant2	5720	19.80	5710.16	5729.96	---	---	
	Ant1	5720_UNII-2C	14.96	5710.04	5725	---	---	
	Ant2	5720_UNII-2C	14.84	5710.16	5725	---	---	
	Ant1	5720_UNII-3	5.08	5725	5730.08	---	---	
	Ant2	5720_UNII-3	4.96	5725	5729.96	---	---	
	Ant1	5745	20.04	5735.04	5755.08	---	---	
	Ant2	5745	19.68	5735.16	5754.84	---	---	
	Ant1	5785	19.72	5775.16	5794.88	---	---	
	Ant2	5785	19.72	5775.16	5794.88	---	---	
	Ant1	5825	19.88	5815.12	5835.00	---	---	
	Ant2	5825	19.76	5815.20	5834.96	---	---	
	11N20MIMO	Ant1	5180	19.88	5170.08	5189.96	---	---
		Ant2	5180	20.24	5169.92	5190.16	---	---
Ant1		5200	20.04	5190.00	5210.04	---	---	
Ant2		5200	20.28	5189.84	5210.12	---	---	
Ant1		5240	20.00	5230.00	5250.00	---	---	
Ant2		5240	20.16	5229.88	5250.04	---	---	
Ant1		5260	20.04	5250.00	5270.04	---	---	
Ant2		5260	20.20	5249.88	5270.08	---	---	
Ant1		5280	20.04	5270.00	5290.04	---	---	

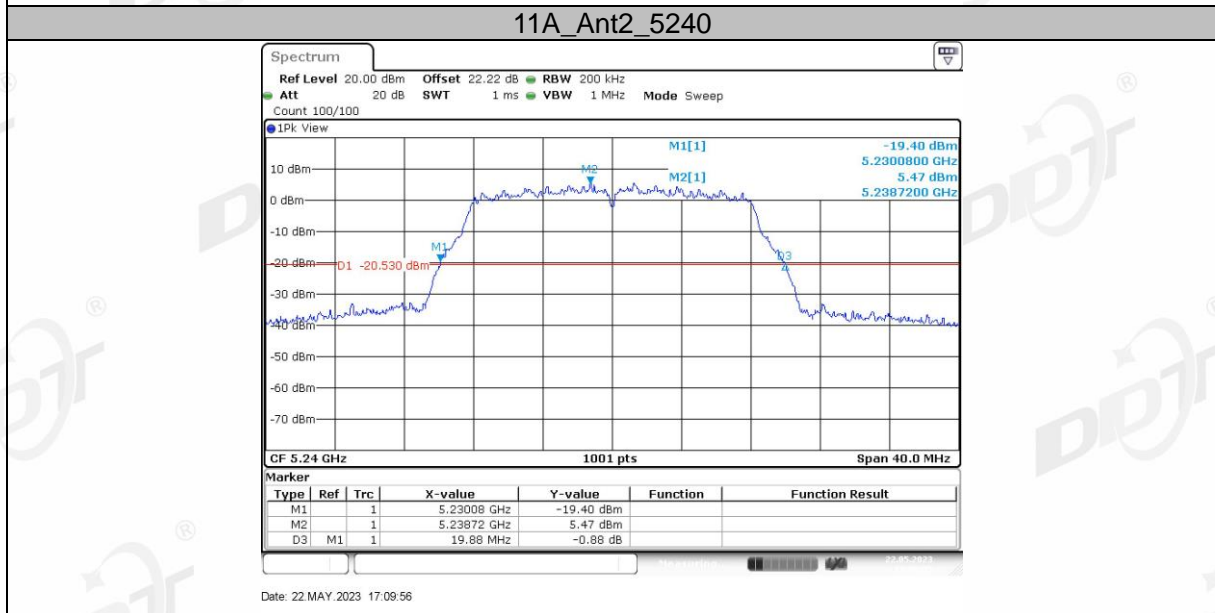
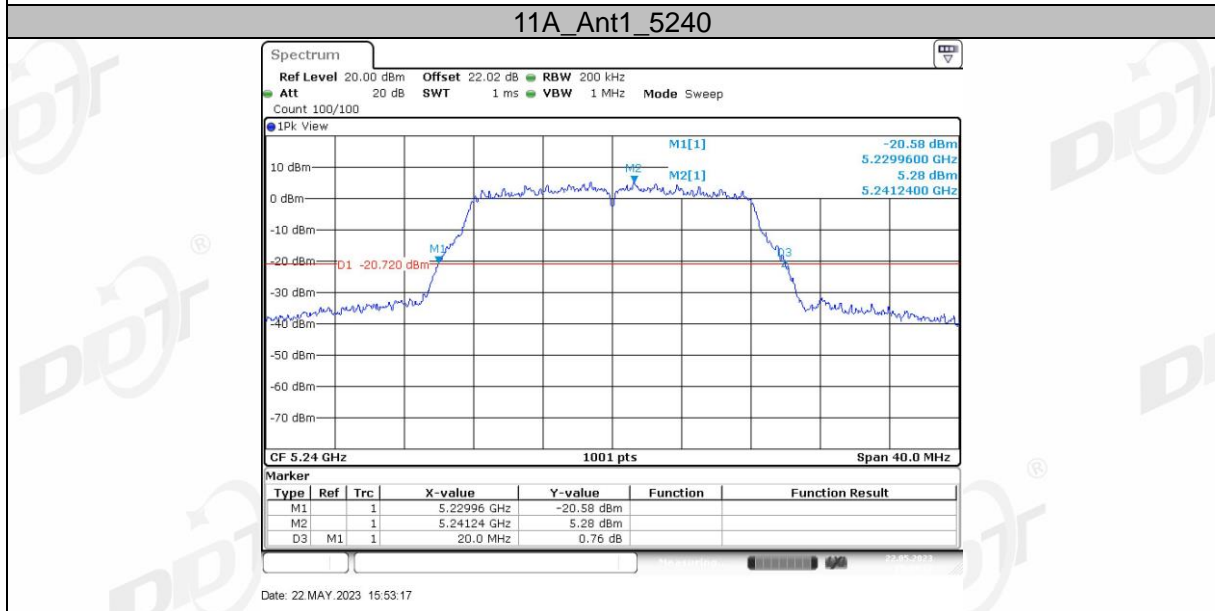
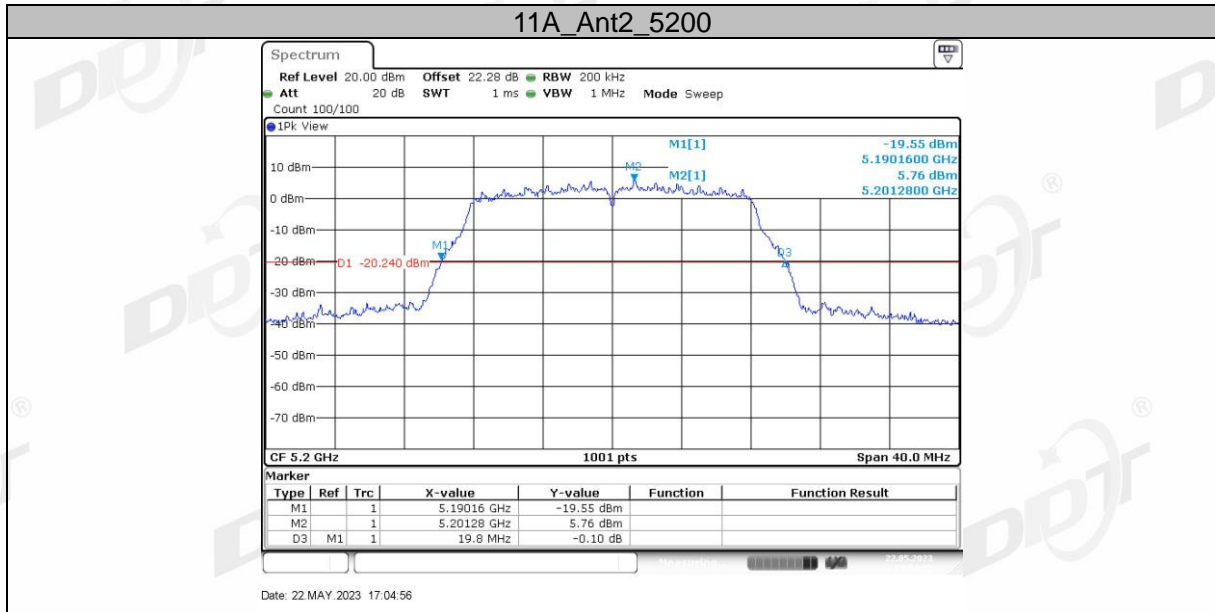
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	Ant1	5500	19.92	5490.04	5509.96	---	---
	Ant2	5500	20.20	5489.88	5510.08	---	---
	Ant1	5580	20.04	5570.04	5590.08	---	---
	Ant2	5580	20.12	5569.96	5590.08	---	---
	Ant1	5720	19.96	5709.96	5729.92	---	---
	Ant2	5720	20.08	5710.00	5730.08	---	---
	Ant1	5720_UNII-2C	15.04	5709.96	5725	---	---
	Ant2	5720_UNII-2C	15	5710.00	5725	---	---
	Ant1	5720_UNII-3	4.92	5725	5729.92	---	---
	Ant2	5720_UNII-3	5.08	5725	5730.08	---	---
	Ant1	5745	20.00	5734.92	5754.92	---	---
	Ant2	5745	20.08	5734.96	5755.04	---	---
	Ant1	5785	19.96	5775.00	5794.96	---	---
	Ant2	5785	20.20	5774.92	5795.12	---	---
	Ant1	5825	20.08	5815.00	5835.08	---	---
	Ant2	5825	20.08	5814.96	5835.04	---	---
	Ant1	5190	41.04	5169.60	5210.64	---	---
	Ant2	5190	40.56	5169.76	5210.32	---	---
	Ant1	5230	40.80	5209.60	5250.40	---	---
	Ant2	5230	40.08	5209.92	5250.00	---	---
	Ant1	5270	40.96	5249.60	5290.56	---	---
	Ant2	5270	40.48	5249.84	5290.32	---	---
	Ant1	5310	41.04	5289.60	5330.64	---	---
	Ant2	5310	40.16	5290.00	5330.16	---	---
	Ant1	5510	41.04	5489.52	5530.56	---	---
Ant2	5510	40.24	5489.92	5530.16	---	---	
Ant1	5550	40.96	5529.52	5570.48	---	---	
Ant2	5550	40.32	5529.84	5570.16	---	---	
Ant1	5710	41.36	5689.28	5730.64	---	---	
Ant2	5710	40.40	5689.84	5730.24	---	---	
Ant1	5710_UNII-2C	35.72	5689.28	5725	---	---	
Ant2	5710_UNII-2C	35.16	5689.84	5725	---	---	
Ant1	5710_UNII-3	5.64	5725	5730.64	---	---	
Ant2	5710_UNII-3	5.24	5725	5730.24	---	---	
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Ant2	5755	40.16	5734.92	5775.08	---	---	

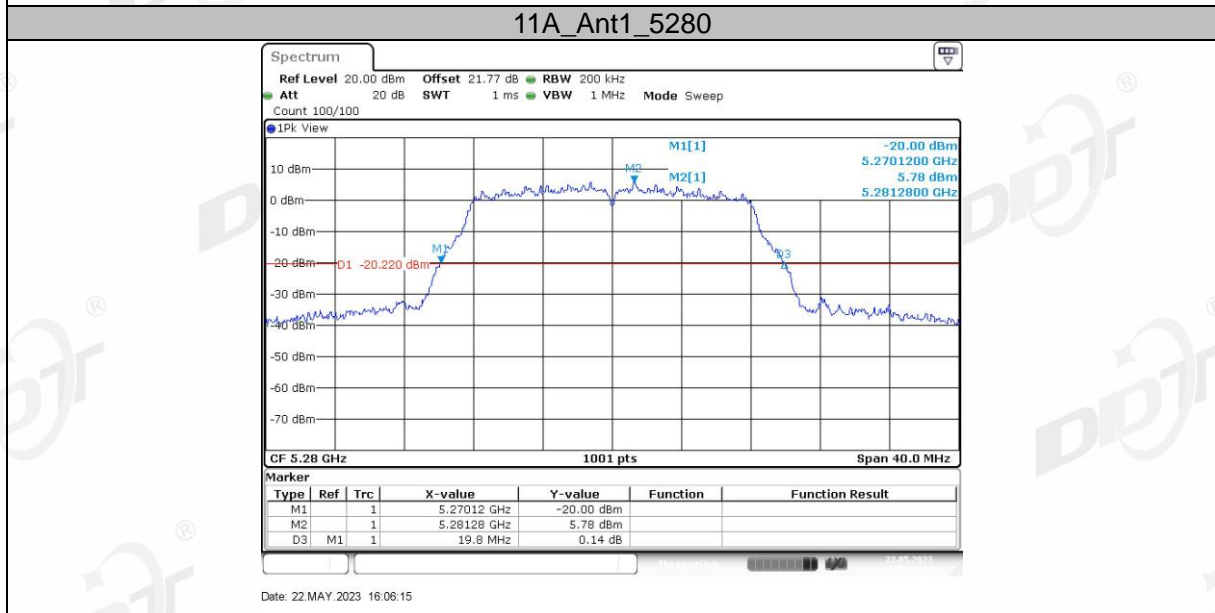
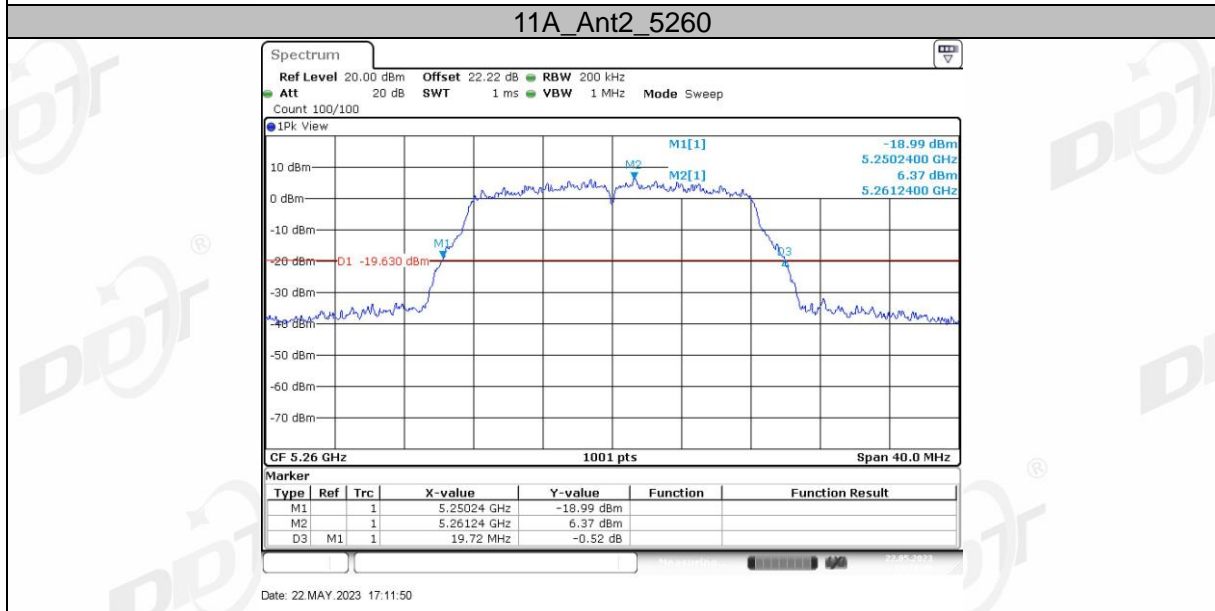
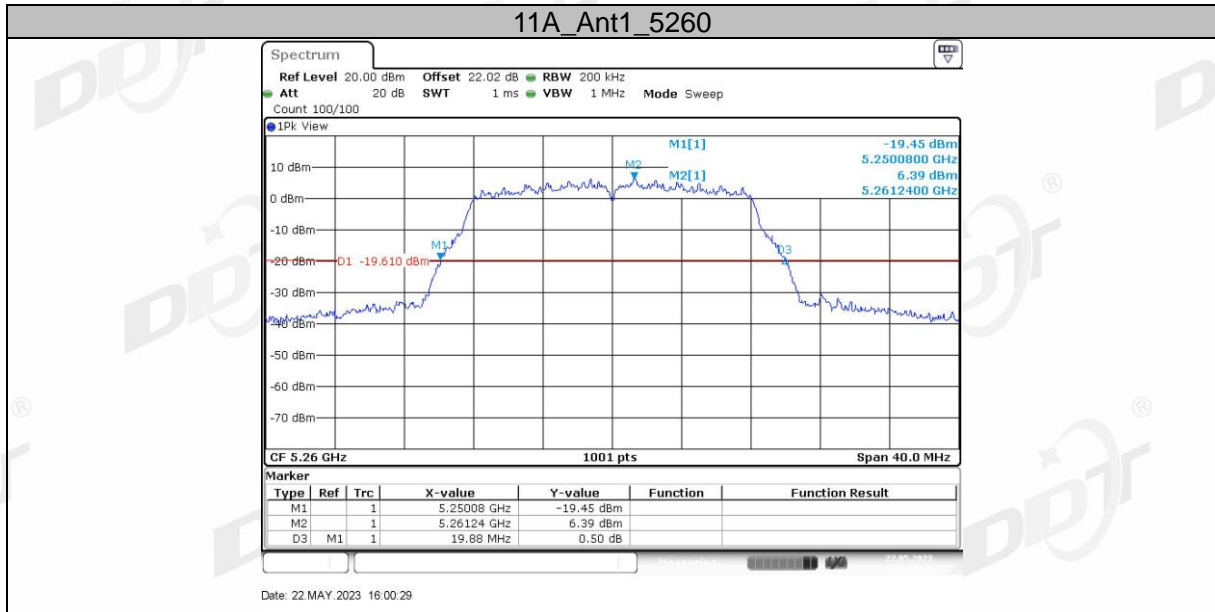
	Ant1	5795	41.12	5774.44	5815.56	---	---	
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11AC20MIMO	Ant1	5180	20.00	5169.96	5189.96	---	---	
	Ant2	5180	19.88	5170.08	5189.96	---	---	
	Ant1	5200	20.00	5189.96	5209.96	---	---	
	Ant2	5200	20.00	5189.96	5209.96	---	---	
	Ant1	5240	20.04	5229.92	5249.96	---	---	
	Ant2	5240	20.04	5229.92	5249.96	---	---	
	Ant1	5260	20.04	5249.92	5269.96	---	---	
	Ant2	5260	20.04	5249.92	5269.96	---	---	
	Ant1	5280	20.00	5270.00	5290.00	---	---	
	Ant2	5280	19.92	5270.08	5290.00	---	---	
	Ant1	5320	20.04	5309.96	5330.00	---	---	
	Ant2	5320	20.00	5310.00	5330.00	---	---	
	Ant1	5500	20.20	5490.00	5510.20	---	---	
	Ant2	5500	19.96	5490.00	5509.96	---	---	
	Ant1	5580	20.00	5569.96	5589.96	---	---	
	Ant2	5580	20.12	5569.88	5590.00	---	---	
	Ant1	5720	20.20	5709.88	5730.08	---	---	
	Ant2	5720	20.00	5710.00	5730.00	---	---	
	Ant1	5720_UNII-2C	15.12	5709.88	5725	---	---	
	Ant2	5720_UNII-2C	15	5710.00	5725	---	---	
	Ant1	5720_UNII-3	5.08	5725	5730.08	---	---	
	Ant2	5720_UNII-3	5	5725	5730.00	---	---	
	Ant1	5745	20.08	5734.92	5755.00	---	---	
	Ant2	5745	19.92	5735.08	5755.00	---	---	
	Ant1	5785	20.16	5774.96	5795.12	---	---	
	Ant2	5785	19.92	5775.08	5795.00	---	---	
	Ant1	5825	20.04	5814.96	5835.00	---	---	
	Ant2	5825	19.92	5815.04	5834.96	---	---	
	11AC40MIMO	Ant1	5190	41.04	5169.44	5210.48	---	---
		Ant2	5190	40.16	5169.92	5210.08	---	---
Ant1		5230	40.96	5209.52	5250.48	---	---	
Ant2		5230	40.16	5210.00	5250.16	---	---	
Ant1		5270	41.12	5249.60	5290.72	---	---	
Ant2		5270	40.24	5249.92	5290.16	---	---	
Ant1		5310	40.72	5289.52	5330.24	---	---	
Ant2		5310	40.16	5289.92	5330.08	---	---	
Ant1		5510	40.88	5489.52	5530.40	---	---	

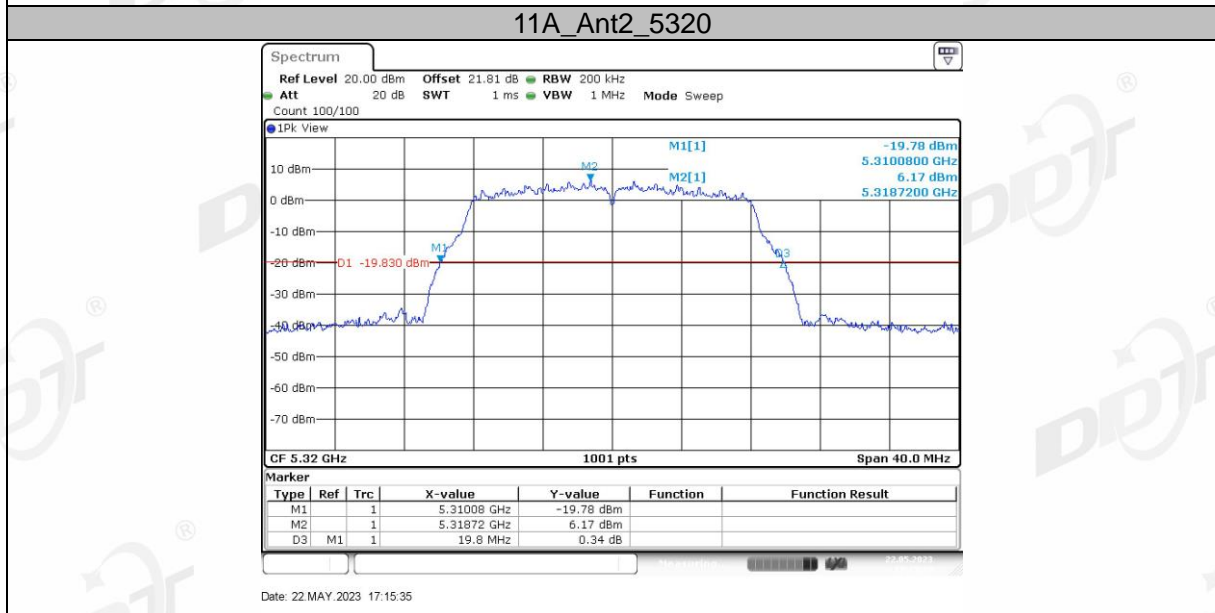
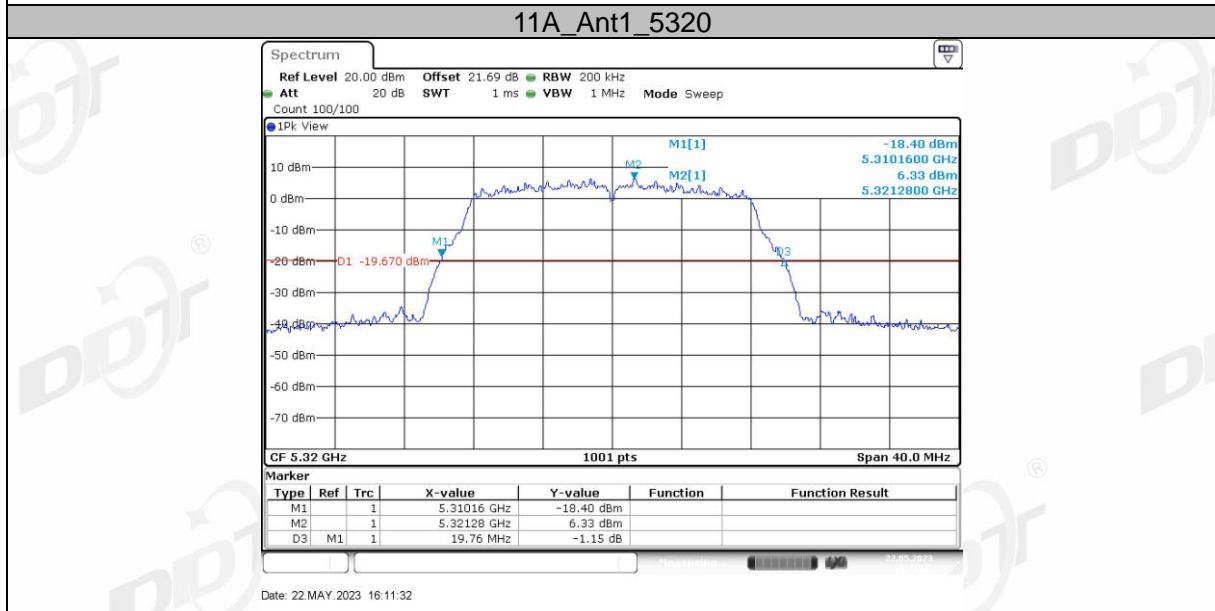
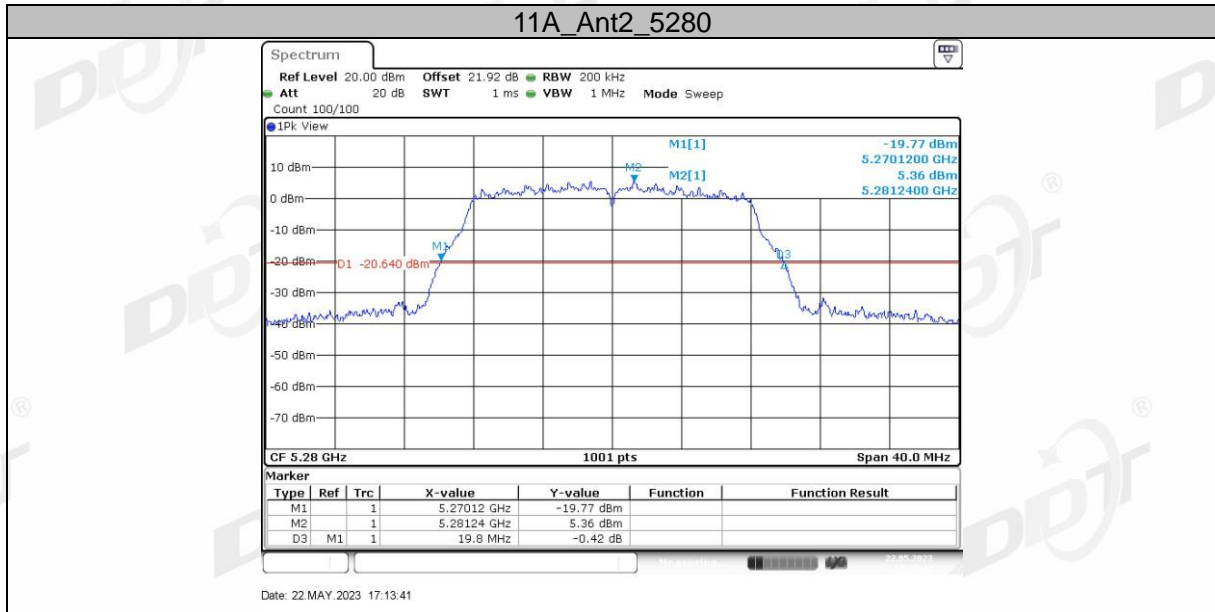
	Ant2	5510	40.32	5489.84	5530.16	---	---
	Ant1	5550	41.12	5529.44	5570.56	---	---
	Ant2	5550	40.08	5530.00	5570.08	---	---
	Ant1	5710	41.20	5689.44	5730.64	---	---
	Ant2	5710	40.32	5689.92	5730.24	---	---
	Ant1	5710_UNII-2C	35.56	5689.44	5725	---	---
	Ant2	5710_UNII-2C	35.08	5689.92	5725	---	---
	Ant1	5710_UNII-3	5.64	5725	5730.64	---	---
	Ant2	5710_UNII-3	5.24	5725	5730.24	---	---
	Ant1	5755	40.96	5734.60	5775.56	---	---
	Ant2	5755	40.16	5735.00	5775.16	---	---
	Ant1	5795	40.96	5774.52	5815.48	---	---
	Ant2	5795	40.16	5775.00	5815.16	---	---
11AC80MIMO	Ant1	5210	81.76	5169.36	5251.12	---	---
	Ant2	5210	80.64	5169.68	5250.32	---	---
	Ant1	5290	81.60	5249.36	5330.96	---	---
	Ant2	5290	80.80	5249.68	5330.48	---	---
	Ant1	5530	81.60	5489.36	5570.96	---	---
	Ant2	5530	80.64	5489.68	5570.32	---	---
	Ant1	5610	81.76	5569.36	5651.12	---	---
	Ant2	5610	80.48	5569.84	5650.32	---	---
	Ant1	5690	81.92	5649.36	5731.28	---	---
	Ant2	5690	80.16	5650.16	5730.32	---	---
	Ant1	5690_UNII-2C	75.64	5649.36	5725	---	---
	Ant2	5690_UNII-2C	74.84	5650.16	5725	---	---
	Ant1	5690_UNII-3	6.28	5725	5731.28	---	---
	Ant2	5690_UNII-3	5.32	5725	5730.32	---	---
	Ant1	5775	81.76	5734.20	5815.96	---	---
	Ant2	5775	80.96	5734.68	5815.64	---	---

4.5. Test graphs

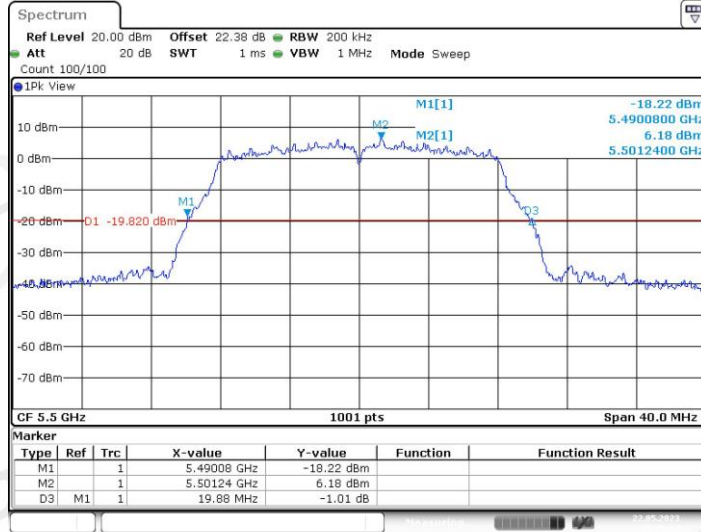






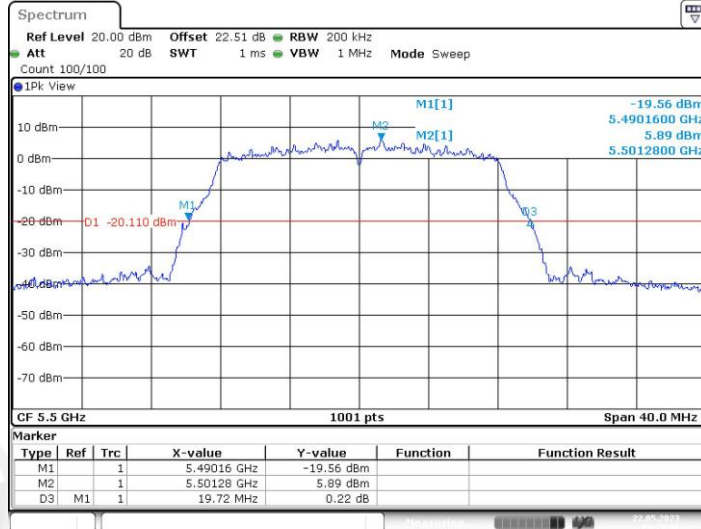


11A_Ant1_5500



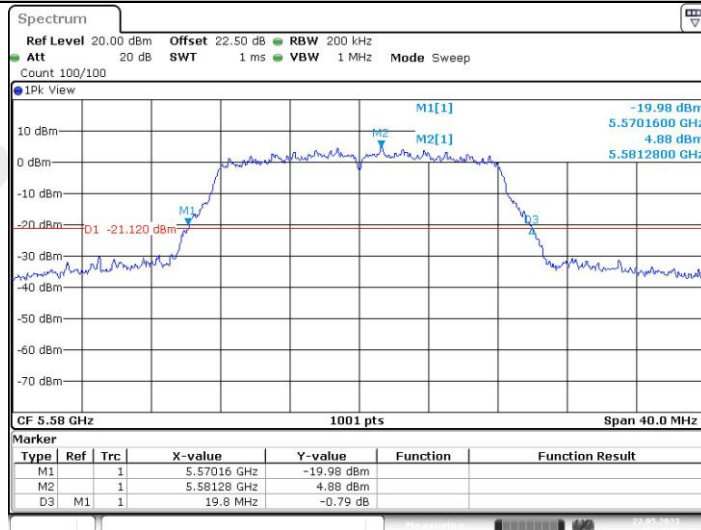
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11A_Ant2_5500



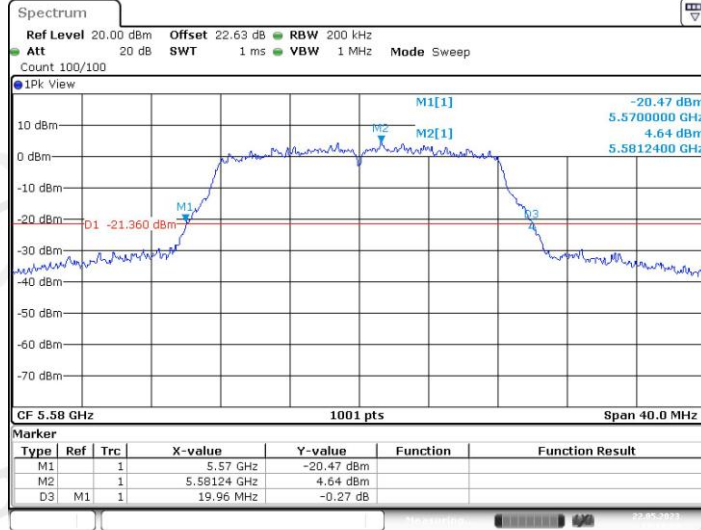
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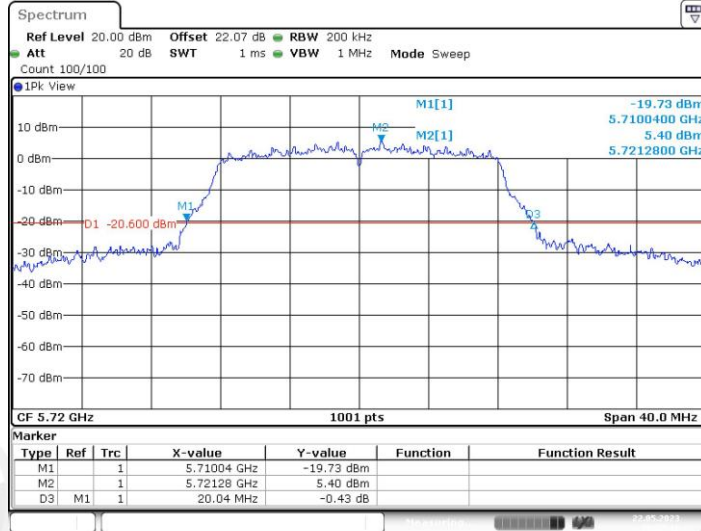


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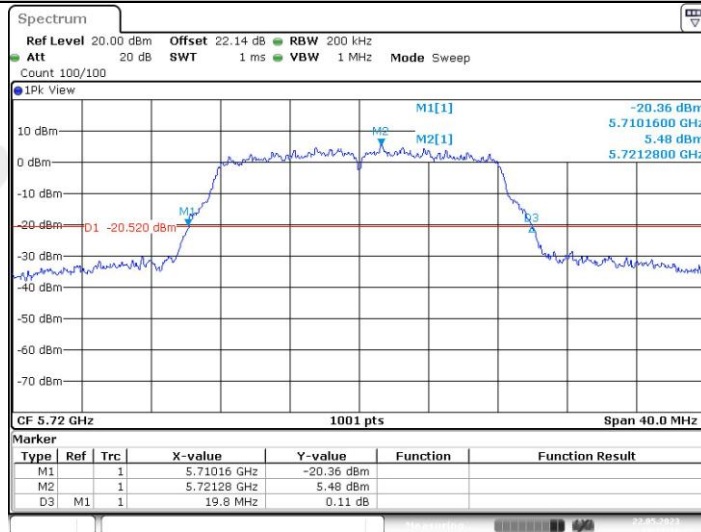
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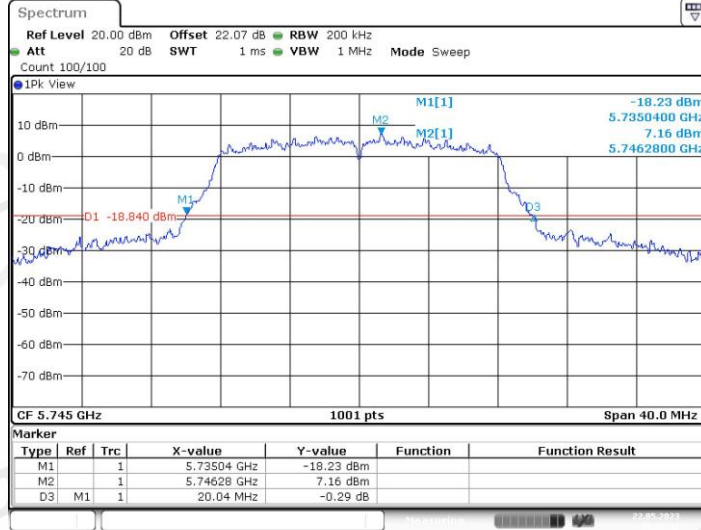
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11A_Ant2_5720

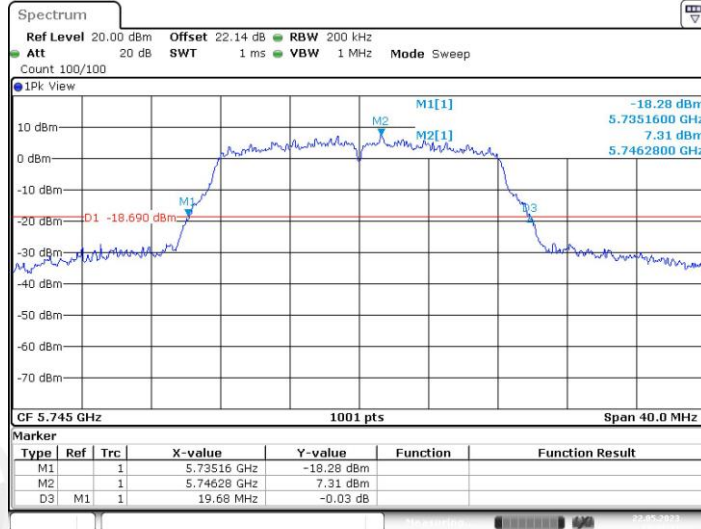


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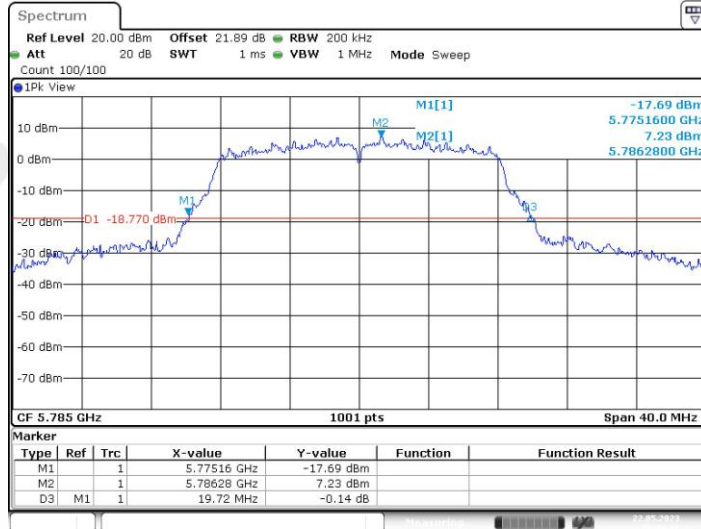
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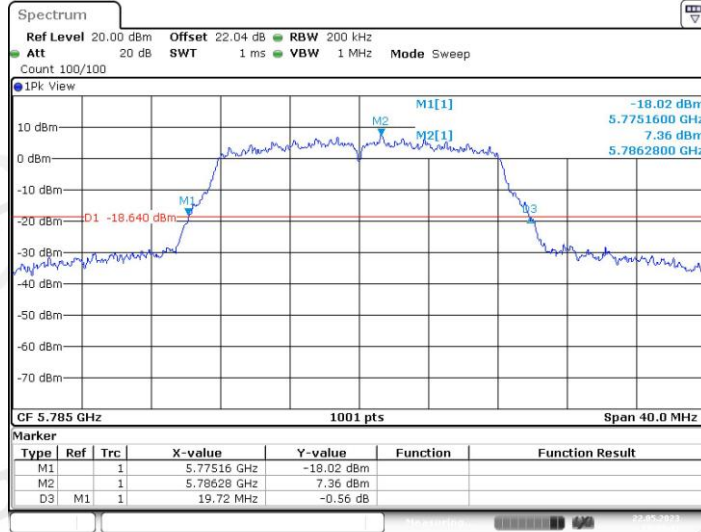
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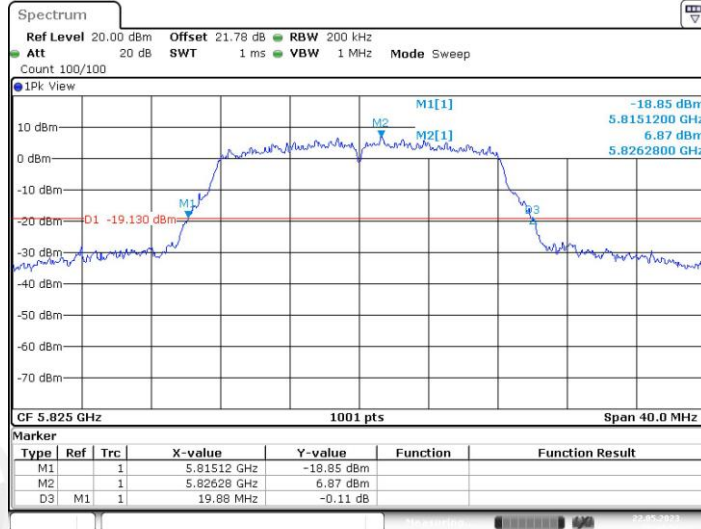
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11A_Ant2_5785



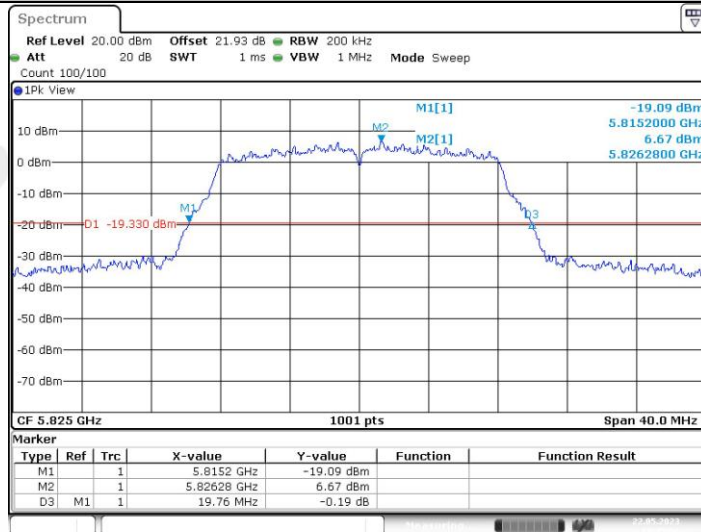
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11A_Ant1_5825



Date: 22 MAY.2023 16:44:58

11A_Ant2_5825



Date: 22 MAY.2023 17:35:56

