



FCC AND ISCED CERTIFICATION TEST REPORT

Applicant	:	Ruijie Networks Co., Ltd.
Address of Applicant	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Manufacturer	:	Ruijie Networks Co., Ltd.
Address of Manufacturer	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Equipment under Test	:	Wireless Access Point
Model No.	:	RG-RAP73Pro
FCC ID	:	2AX5J-RAP73PRO
IC	:	27676-RAP73PRO
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart E, RSS-247 Issue 3 August 2023, 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
Report No.	:	DDT-RE24032709-1E02
Issue Date	:	2024/06/17
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

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Manufacturer	:	Ruijie Networks Co., Ltd.
Address of Manufacturer	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E,
RSS-247 Issue 3 August 2023,
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

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-RE24032709-1E02		
Date of Receipt:	2024/04/01	Date of Test:	2024/04/01~2024/06/17

Prepared By:**Tiger Mo/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 Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	2024/06/17	

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6/26db Bandwidth and 99% Bandwidth	FCC 15.407 (e), RSS-247 Clause 6.2	/	Pass
2	Output Power	FCC 15.407 (a) ; RSS-247 Clause 6.2	/	Pass
3	Power Spectral Density	FCC 15.407 (a) ; RSS-247 Clause 6.2	/	Pass
4	Frequency Stability Measurement	FCC 15.407 (g); RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
5	Radiated Emission	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
6	Band Edge Compliance	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
7	Dynamic Frequency Selection	FCC 15.407 (h); RSS-247 Clause 6.8	/	Pass
8	Power Line Conducted Emissions	FCC Part 15: 15.207(a), RSS-Gen Issue 5 clause 8.8	/	Pass
9	Antenna Requirement	FCC Part 15: 15.203, RSS-Gen Issue 5 clause 6.8	/	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	: Wireless Access Point
Model Number	: RG-RAP73Pro
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 54V 0.55A is powered by an external adapter or PoE 54V DC

Note: This EUT support 2.4 GHz WLAN, 5 GHz WLAN, 6 GHz WLAN, this report only for 5 GHz WLAN.

Radio Technology	: IEEE 802.11a/n/ac/ax/be
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-5795MHz IEEE 802.11ac VHT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11ac VHT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5710MHz, 5755MHz-5795MHz IEEE 802.11ac VHT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5690MHz, 5775MHz IEEE 802.11ac VHT160: 5250MHz, 5570MHz IEEE 802.11ax HE20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11ax HE40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5795MHz IEEE 802.11ax HE80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5775MHz IEEE 802.11ax HE160: 5250MHz, 5570MHz IEEE 802.11be EHT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11be EHT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5670MHz, 5755MHz-5795MHz IEEE 802.11be EHT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5775MHz IEEE 802.11be EHT160: 5250MHz, 5570MHz
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: OFDM (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be: OFDM, OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)

Antenna information						
Antenna Type	PIFA Antenna					
Max Antenna Gain(dBi)	IEEE 802.11a	Ant1 Gain	Ant2 Gain	Ant3 Gain	Directional Gain	
					Power	PSD
	IEEE 802.11a	6.98	6.98	6.98	6.98	11.75

IEEE 802.11n HT20	6.98	6.98	6.98	6.98	11.75
IEEE 802.11n HT40	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ac VHT20	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ac VHT40	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ac VHT80	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ac VHT160	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ax HE20	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ax HE40	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ax HE80	6.98	6.98	6.98	6.98	11.75
IEEE 802.11ax HE160	6.98	6.98	6.98	6.98	11.75
IEEE 802.11be EHT20	6.98	6.98	6.98	6.98	11.75
IEEE 802.11be EHT40	6.98	6.98	6.98	6.98	11.75
IEEE 802.11be EHT80	6.98	6.98	6.98	6.98	11.75
IEEE 802.11be EHT160	6.98	6.98	6.98	6.98	11.75

Note:

The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

Directional gain = GANT + Array Gain, where Array Gain is as follows:

1) For power spectral density (PSD) measurements on all devices.

Array Gain = $10 \log (NANT / Nss)$ dB;

2) For power measurements on IEEE 802.11 devices.

Array Gain = 0 dB for $NANT < 4$;

Channel information

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20) IEEE 802.11ax (HE20) IEEE 802.11be (EHT20)	IEEE 802.11n (HT40) IEEE 802.11ac (VHT40) IEEE 802.11ax (HE40) IEEE 802.11be (EHT40)	IEEE 802.11ac (VHT80) IEEE 802.11ax (HE80) IEEE 802.11be (EHT80)	IEEE 802.11ac (VHT160) IEEE 802.11ax (HE160) IEEE 802.11be (EHT160)
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UNII-1

CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
36	5180	38	5190	42	5210	50	5250 (Straddle)
40	5200	46	5230	/	/	/	/
44	5220	/	/	/	/	/	/
48	5240	/	/	/	/	/	/

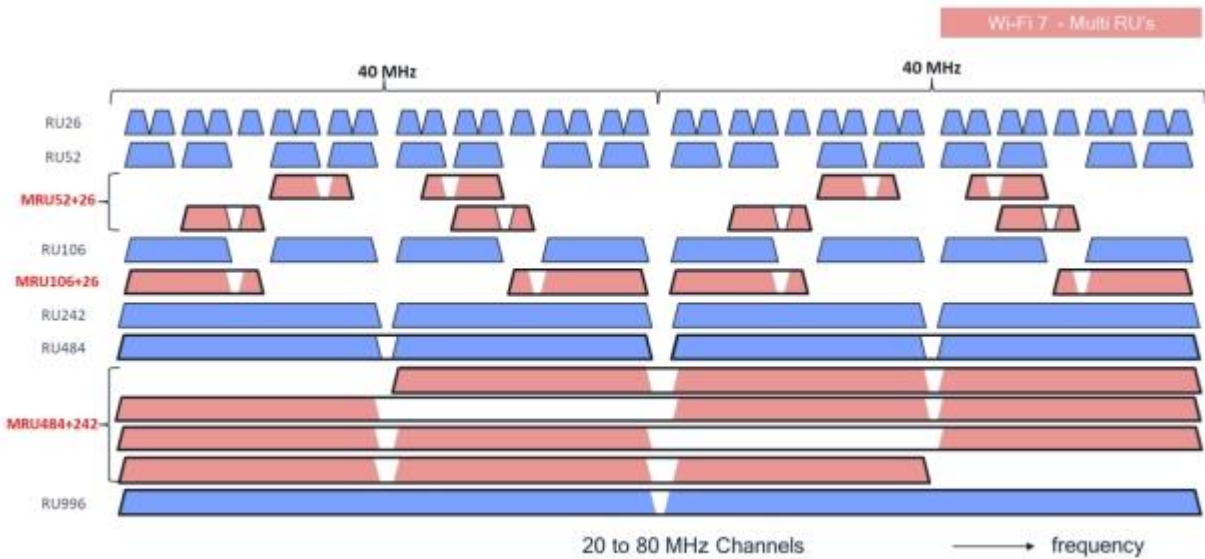
UNII-2A

52	5260	54	5270	58	5290	50	5250 (Straddle)
56	5280	62	5310	/	/	/	/

60	5300	/	/	/	/	/	/
64	5320	/	/	/	/	/	/
UNII-2C							
100	5500	102	5510	106	5530	114	5570
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: Band 5600-5650MHz will be disabled when shipped to Canada.							

Note1:

1. For 802.11ax/be 20/40/80/160MHz and 802.11be EHT20EHT40/ EHT80/ EHT160MHz mode, the whole testing has assessed only the worst case refer to output power.
2. For WLAN SISO & MMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal conducted power.
3. 802.11 ax only support full RU mode
4. 802.11be support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH), small size RU, Large size RU and Puncturing modes are tested for conducted power/PSD, the Channel Mask/RSE/ Bandwidth Emission test for full RU only.
5. 802.11be support small size RU, Large size RU and Puncturing modes as below:



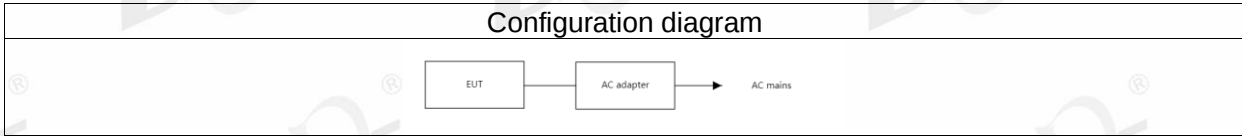
Note2: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's 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
Power Adapter	Xiamen keli Electronics Co., Ltd	KL-D540111-T	INPUT:100-240V~ 50/60Hz 1.5A MAX OUTPUT:DC 54.0V/1.11A 60.0W

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: QATool_20230105C.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, channel, and data rate information						
Mode	Setting Tx Power			Data rate (Mbps) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2	ANT3			
IEEE 802.11a	0	0	0	6	Low: CH36	5180
	0	0	0	6	Middle: CH40	5200
	0	0	0	6	High: CH48	5240
	6	6	6	6	Low: CH52	5260
	6	6	6	6	Middle: CH56	5280
	6	6	6	6	High: CH64	5320
	6	6	6	6	Low: CH100	5500
	6	6	6	6	Middle: CH116	5580
	6	6	6	6	High: CH140	5700
	6	6	6	6	Straddle:CH144	5720
	9	9	9	6	Low: CH149	5745
	9	9	9	6	Middle: CH157	5785
	9	9	9	6	High: CH165	5825
IEEE 802.11n HT20	7	7	7	MCS 16	Low: CH36	5180
	7	7	7	MCS 16	Middle: CH40	5200
	7	7	7	MCS 16	High: CH48	5240
	8	8	8	MCS 16	Low: CH52	5260
	8	8	8	MCS 16	Middle: CH56	5280
	8	8	8	MCS 16	High: CH64	5320
	8	8	8	MCS 16	Low: CH100	5500
	8	8	8	MCS 16	Middle: CH116	5580
	8	8	8	MCS 16	High: CH140	5700
	8	8	8	MCS 16	Straddle:CH144	5720
	9	9	9	MCS 16	Low: CH149	5745
	9	9	9	MCS 16	Middle: CH157	5785
	9	9	9	MCS 16	High: CH165	5825
	8	8	8	MCS 16	Low: CH38	5190
IEEE 802.11n HT40	8	8	8	MCS 16	Middle: CH46	5230
	10	10	10	MCS 16	High: CH54	5270
	10	10	10	MCS 16	Low: CH62	5310
	10	10	10	MCS 16	Middle: CH102	5510
	10	10	10	MCS 16	High: CH110	5550

	10	10	10	MCS 16	Low: CH134	5670
	9	9	9	MCS 16	Middle: CH151	5755
	9	9	9	MCS 16	High: CH159	5795
IEEE 802.11ac VHT20	7	7	7	MCS 0	Low: CH36	5180
	7	7	7	MCS 0	Middle: CH40	5200
	7	7	7	MCS 0	High: CH48	5240
	9	9	9	MCS 0	Low: CH52	5260
	9	9	9	MCS 0	Middle: CH56	5280
	9	9	9	MCS 0	High: CH64	5320
	9	9	9	MCS 0	Low: CH100	5500
	9	9	9	MCS 0	Middle: CH116	5580
	9	9	9	MCS 0	High: CH140	5700
	9	9	9	MCS 0	Straddle:CH144	5720
	9	9	9	MCS 0	Low: CH149	5745
	9	9	9	MCS 0	Middle: CH157	5785
	9	9	9	MCS 0	High: CH165	5825
IEEE 802.11 ac VHT40	8	8	8	MCS 0	Low: CH38	5190
	8	8	8	MCS 0	Middle: CH46	5230
	11	11	11	MCS 0	High: CH54	5270
	11	11	11	MCS 0	Low: CH62	5310
	11	11	11	MCS 0	Middle: CH102	5510
	11	11	11	MCS 0	High: CH110	5550
	11	11	11	MCS 0	Low: CH134	5670
	11	11	11	MCS 0	Straddle: CH142	5710
	9	9	9	MCS 0	Middle: CH151	5755
	9	9	9	MCS 0	High: CH159	5795
IEEE 802.11ac VHT80	9	9	9	MCS 0	CH42	5210
	12	12	12	MCS 0	CH58	5290
	12	12	12	MCS 0	CH106	5530
	12	12	12	MCS 0	CH122	5610
	12	12	12	MCS 0	CH138	5690
	9	9	9	MCS 0	CH155	5775
IEEE 802.11ac VHT160	11	11	11	MCS 0	Straddle: CH50	5250
	12	12	12	MCS 0	CH114	5570
IEEE 802.11ax HE20	7	7	7	MCS 0	Low: CH36	5180
	7	7	7	MCS 0	Middle: CH40	5200
	7	7	7	MCS 0	High: CH48	5240
	8	8	8	MCS 0	Low: CH52	5260
	8	8	8	MCS 0	Middle: CH56	5280
	8	8	8	MCS 0	High: CH64	5320

	8	8	8	MCS 0	Low: CH100	5500
	8	8	8	MCS 0	Middle: CH116	5580
	8	8	8	MCS 0	High: CH140	5700
	8	8	8	MCS 0	Straddle:CH144	5720
	9	9	9	MCS 0	Low: CH149	5745
	9	9	9	MCS 0	Middle: CH157	5785
	9	9	9	MCS 0	High: CH165	5825
	8	8	8	MCS 0	Low: CH38	5190
	8	8	8	MCS 0	Middle: CH46	5230
IEEE 802.11ax HE40	10	10	10	MCS 0	High: CH54	5270
	10	10	10	MCS 0	Low: CH62	5310
	10	10	10	MCS 0	Middle: CH102	5510
	10	10	10	MCS 0	High: CH110	5550
	10	10	10	MCS 0	Low: CH134	5670
	10	10	10	MCS 0	Straddle: CH142	5710
	9	9	9	MCS 0	Middle: CH151	5755
	9	9	9	MCS 0	High: CH159	5795
	9	9	9	MCS 0	CH42	5210
IEEE 802.11ax HE80	12	12	12	MCS 0	CH58	5290
	12	12	12	MCS 0	CH106	5530
	12	12	12	MCS 0	CH122	5610
	12	12	12	MCS 0	CH138	5690
	9	9	9	MCS 0	CH155	5775
IEEE 802.11ac HE160	11	11	11	MCS 0	Straddle: CH50	5250
	12	12	12	MCS 0	CH114	5570
IEEE 802.11ax EHT20	7	7	7	MCS 0	Low: CH36	5180
	7	7	7	MCS 0	Middle: CH40	5200
	7	7	7	MCS 0	High: CH48	5240
	8	8	8	MCS 0	Low: CH52	5260
	8	8	8	MCS 0	Middle: CH56	5280
	8	8	8	MCS 0	High: CH64	5320
	8	8	8	MCS 0	Low: CH100	5500
	8	8	8	MCS 0	Middle: CH116	5580
	8	8	8	MCS 0	High: CH140	5700
	8	8	8	MCS 0	Straddle:CH144	5720
	9	9	9	MCS 0	Low: CH149	5745
	9	9	9	MCS 0	Middle: CH157	5785
	9	9	9	MCS 0	High: CH165	5825
IEEE 802.11ax EHT40	8	8	8	MCS 0	Low: CH38	5190
	8	8	8	MCS 0	Middle: CH46	5230

	10	10	10	MCS 0	High: CH54	5270
	10	10	10	MCS 0	Low: CH62	5310
	10	10	10	MCS 0	Middle: CH102	5510
	10	10	10	MCS 0	High: CH110	5550
	10	10	10	MCS 0	Low: CH134	5670
	10	10	10	MCS 0	Straddle: CH142	5710
	9	9	9	MCS 0	Middle: CH151	5755
	9	9	9	MCS 0	High: CH159	5795
IEEE 802.11ax EHT80	9	9	9	MCS 0	CH42	5210
	12	12	12	MCS 0	CH58	5290
	12	12	12	MCS 0	CH106	5530
	12	12	12	MCS 0	CH122	5610
	12	12	12	MCS 0	CH138	5690
	9	9	9	MCS 0	CH155	5775
IEEE 802.11ac EHT160	11	11	11	MCS 0	Straddle: CH50	5250
	12	12	12	MCS 0	CH114	5570
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℃ to +35 ℃
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-20155, G-20118

2.8. Measurement uncertainty

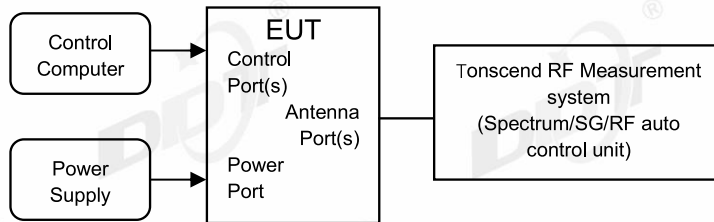
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 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 ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	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 (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	3.34dB (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 4#)				
Signal &Spectrum Analyzer	R&S	FSV3044	101173	2024/04/22
Wideband Radio Communication Tester	R&S	CMW500	168801	2024/04/26
MXG Vector Signal Generator	Agilent	N5182A	MY48180737	2024/04/26
PSG Vector Signal Generator	Agilent	E8267D	US49060192	2024/09/05
RF Control Unit	Tonsend	JS0806-2	21I8060485	2024/04/26
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2024/05/14
				2025/04/22
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

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 Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	24.9℃,50.5%RH	Test Date:	2024.04.11-2024.04.12
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-002

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	21.28	5169.04	5190.32	---	---
	Ant2	5180	22.04	5168.68	5190.72	---	---
	Ant3	5180	22.44	5168.28	5190.72	---	---
	Ant1	5200	20.20	5189.28	5209.48	---	---
	Ant2	5200	21.36	5189.04	5210.40	---	---
	Ant3	5200	20.76	5189.48	5210.24	---	---
	Ant1	5240	18.36	5230.80	5249.16	---	---
	Ant2	5240	18.36	5230.84	5249.20	---	---
	Ant3	5240	18.32	5230.84	5249.16	---	---
	Ant1	5260	18.48	5250.80	5269.28	---	---
	Ant2	5260	18.28	5250.88	5269.16	---	---
	Ant3	5260	18.24	5250.88	5269.12	---	---
	Ant1	5280	18.44	5270.76	5289.20	---	---
	Ant2	5280	18.36	5270.80	5289.16	---	---
	Ant3	5280	18.32	5270.84	5289.16	---	---
	Ant1	5320	20.56	5310.52	5331.08	---	---
	Ant2	5320	21.60	5308.64	5330.24	---	---
	Ant3	5320	20.88	5310.32	5331.20	---	---
	Ant1	5500	21.72	5489.88	5511.60	---	---
	Ant2	5500	19.12	5490.56	5509.68	---	---
	Ant3	5500	19.52	5489.88	5509.40	---	---
	Ant1	5580	18.44	5570.80	5589.24	---	---
	Ant2	5580	18.40	5570.76	5589.16	---	---
	Ant3	5580	18.28	5570.84	5589.12	---	---
	Ant1	5700	20.36	5689.88	5710.24	---	---
	Ant2	5700	20.08	5689.68	5709.76	---	---
	Ant3	5700	22.60	5688.08	5710.68	---	---
	Ant1	5720	18.40	5710.80	5729.20	---	---
	Ant2	5720	18.40	5710.76	5729.16	---	---
	Ant3	5720	18.32	5710.80	5729.12	---	---
	Ant1	5720 UNII-2C	14.2	5710.80	5725	---	---
	Ant2	5720 UNII-2C	14.24	5710.76	5725	---	---
	Ant3	5720 UNII-2C	14.2	5710.80	5725	---	---
	Ant1	5720 UNII-3	4.2	5725	5729.20	---	---
	Ant2	5720 UNII-3	4.16	5725	5729.16	---	---
	Ant3	5720 UNII-3	4.12	5725	5729.12	---	---
	Ant1	5745	20.40	5735.56	5755.96	---	---
	Ant2	5745	19.20	5735.44	5754.64	---	---
	Ant3	5745	20.32	5735.60	5755.92	---	---
	Ant1	5785	20.24	5774.96	5795.20	---	---
	Ant2	5785	20.28	5774.48	5794.76	---	---
	Ant3	5785	19.56	5774.88	5794.44	---	---
	Ant1	5825	19.44	5814.96	5834.40	---	---
	Ant2	5825	20.32	5814.72	5835.04	---	---
	Ant3	5825	19.32	5814.92	5834.24	---	---
11N20MI MO	Ant1	5180	20.20	5170.36	5190.56	---	---
	Ant2	5180	20.28	5170.08	5190.36	---	---
	Ant3	5180	22.96	5167.80	5190.76	---	---
	Ant1	5200	19.40	5190.36	5209.76	---	---
	Ant2	5200	20.72	5189.36	5210.08	---	---
	Ant3	5200	22.88	5187.64	5210.52	---	---
	Ant1	5240	19.00	5230.48	5249.48	---	---
	Ant2	5240	18.88	5230.56	5249.44	---	---
	Ant3	5240	18.84	5230.60	5249.44	---	---
	Ant1	5260	18.96	5250.52	5269.48	---	---

	Ant2	5260	18.88	5250.56	5269.44	---	---
	Ant3	5260	18.84	5250.60	5269.44	---	---
	Ant1	5280	18.92	5270.52	5289.44	---	---
	Ant2	5280	18.84	5270.60	5289.44	---	---
	Ant3	5280	18.92	5270.52	5289.44	---	---
	Ant1	5320	21.00	5308.52	5329.52	---	---
	Ant2	5320	19.56	5310.40	5329.96	---	---
	Ant3	5320	20.76	5308.96	5329.72	---	---
	Ant1	5500	19.60	5490.48	5510.08	---	---
	Ant2	5500	20.72	5489.92	5510.64	---	---
	Ant3	5500	19.24	5490.28	5509.52	---	---
	Ant1	5580	18.96	5570.52	5589.48	---	---
	Ant2	5580	18.84	5570.56	5589.40	---	---
	Ant3	5580	18.88	5570.56	5589.44	---	---
	Ant1	5700	20.24	5689.72	5709.96	---	---
	Ant2	5700	19.68	5690.16	5709.84	---	---
	Ant3	5700	19.64	5689.84	5709.48	---	---
	Ant1	5720	18.96	5710.52	5729.48	---	---
	Ant2	5720	18.88	5710.52	5729.40	---	---
	Ant3	5720	18.88	5710.52	5729.40	---	---
	Ant1	5720 UNII-2C	14.48	5710.52	5725	---	---
	Ant2	5720 UNII-2C	14.48	5710.52	5725	---	---
	Ant3	5720 UNII-2C	14.48	5710.52	5725	---	---
	Ant1	5720 UNII-3	4.48	5725	5729.48	---	---
	Ant2	5720 UNII-3	4.4	5725	5729.40	---	---
	Ant3	5720 UNII-3	4.4	5725	5729.40	---	---
	Ant1	5745	19.08	5735.48	5754.56	---	---
	Ant2	5745	19.24	5735.28	5754.52	---	---
	Ant3	5745	19.48	5735.24	5754.72	---	---
	Ant1	5785	19.80	5775.44	5795.24	---	---
	Ant2	5785	20.32	5775.04	5795.36	---	---
	Ant3	5785	19.96	5775.32	5795.28	---	---
	Ant1	5825	19.08	5815.48	5834.56	---	---
	Ant2	5825	22.08	5812.80	5834.88	---	---
	Ant3	5825	20.04	5815.32	5835.36	---	---
11N40MI MO	Ant1	5190	44.88	5167.28	5212.16	---	---
	Ant2	5190	38.64	5170.72	5209.36	---	---
	Ant3	5190	38.48	5170.80	5209.28	---	---
	Ant1	5230	38.64	5210.72	5249.36	---	---
	Ant2	5230	38.24	5210.88	5249.12	---	---
	Ant3	5230	38.40	5210.80	5249.20	---	---
	Ant1	5270	38.56	5250.72	5289.28	---	---
	Ant2	5270	38.24	5250.88	5289.12	---	---
	Ant3	5270	38.48	5250.80	5289.28	---	---
	Ant1	5310	38.88	5290.48	5329.36	---	---
	Ant2	5310	38.56	5290.72	5329.28	---	---
	Ant3	5310	38.40	5290.80	5329.20	---	---
	Ant1	5510	38.72	5490.56	5529.28	---	---
	Ant2	5510	38.40	5490.80	5529.20	---	---
	Ant3	5510	38.64	5490.72	5529.36	---	---
	Ant1	5550	38.56	5530.72	5569.28	---	---
	Ant2	5550	38.08	5530.96	5569.04	---	---
	Ant3	5550	38.24	5530.88	5569.12	---	---
	Ant1	5670	41.36	5650.56	5691.92	---	---
	Ant2	5670	38.48	5650.80	5689.28	---	---
	Ant3	5670	38.48	5650.80	5689.28	---	---
	Ant1	5710	38.56	5690.72	5729.28	---	---
	Ant2	5710	38.24	5690.88	5729.12	---	---
	Ant3	5710	38.24	5690.88	5729.12	---	---
	Ant1	5710 UNII-2C	34.28	5690.72	5725	---	---
	Ant2	5710 UNII-2C	34.12	5690.88	5725	---	---
	Ant3	5710 UNII-2C	34.12	5690.88	5725	---	---
	Ant1	5710 UNII-3	4.28	5725	5729.28	---	---
	Ant2	5710 UNII-3	4.12	5725	5729.12	---	---

	Ant3	5710 UNII-3	4.12	5725	5729.12	---	---
	Ant1	5755	38.88	5735.64	5774.52	---	---
	Ant2	5755	38.64	5735.72	5774.36	---	---
	Ant3	5755	38.56	5735.80	5774.36	---	---
	Ant1	5795	42.72	5773.24	5815.96	---	---
	Ant2	5795	38.24	5775.88	5814.12	---	---
11AC20M IMO	Ant3	5795	38.56	5775.72	5814.28	---	---
	Ant1	5180	21.52	5167.96	5189.48	---	---
	Ant2	5180	20.48	5169.28	5189.76	---	---
	Ant3	5180	21.00	5168.68	5189.68	---	---
	Ant1	5200	18.92	5190.56	5209.48	---	---
	Ant2	5200	19.08	5190.48	5209.56	---	---
	Ant3	5200	18.76	5190.68	5209.44	---	---
	Ant1	5240	18.88	5230.56	5249.44	---	---
	Ant2	5240	18.72	5230.68	5249.40	---	---
	Ant3	5240	18.76	5230.60	5249.36	---	---
	Ant1	5260	18.76	5250.60	5269.36	---	---
	Ant2	5260	18.76	5250.64	5269.40	---	---
	Ant3	5260	18.72	5250.64	5269.36	---	---
	Ant1	5280	18.80	5270.56	5289.36	---	---
	Ant2	5280	18.84	5270.60	5289.44	---	---
	Ant3	5280	18.88	5270.60	5289.48	---	---
	Ant1	5320	18.76	5310.60	5329.36	---	---
	Ant2	5320	18.92	5310.52	5329.44	---	---
	Ant3	5320	18.88	5310.56	5329.44	---	---
	Ant1	5500	18.88	5490.52	5509.40	---	---
	Ant2	5500	18.84	5490.60	5509.44	---	---
	Ant3	5500	19.20	5490.52	5509.72	---	---
	Ant1	5580	18.80	5570.60	5589.40	---	---
	Ant2	5580	18.72	5570.64	5589.36	---	---
	Ant3	5580	18.84	5570.60	5589.44	---	---
	Ant1	5700	18.96	5690.56	5709.52	---	---
	Ant2	5700	19.36	5690.12	5709.48	---	---
	Ant3	5700	18.92	5690.56	5709.48	---	---
	Ant1	5720	18.80	5710.60	5729.40	---	---
	Ant2	5720	18.72	5710.64	5729.36	---	---
	Ant3	5720	18.80	5710.60	5729.40	---	---
	Ant1	5720 UNII-2C	14.4	5710.60	5725	---	---
	Ant2	5720 UNII-2C	14.36	5710.64	5725	---	---
	Ant3	5720 UNII-2C	14.4	5710.60	5725	---	---
	Ant1	5720 UNII-3	4.4	5725	5729.40	---	---
	Ant2	5720 UNII-3	4.36	5725	5729.36	---	---
	Ant3	5720 UNII-3	4.4	5725	5729.40	---	---
	Ant1	5745	18.92	5735.52	5754.44	---	---
	Ant2	5745	18.88	5735.56	5754.44	---	---
	Ant3	5745	18.88	5735.56	5754.44	---	---
	Ant1	5785	19.24	5775.56	5794.80	---	---
	Ant2	5785	19.12	5775.56	5794.68	---	---
	Ant3	5785	18.88	5775.60	5794.48	---	---
	Ant1	5825	18.84	5815.56	5834.40	---	---
	Ant2	5825	18.96	5815.48	5834.44	---	---
	Ant3	5825	18.84	5815.60	5834.44	---	---
11AC40M IMO	Ant1	5190	38.40	5170.72	5209.12	---	---
	Ant2	5190	38.08	5170.96	5209.04	---	---
	Ant3	5190	38.16	5170.88	5209.04	---	---
	Ant1	5230	38.48	5210.80	5249.28	---	---
	Ant2	5230	38.24	5210.96	5249.20	---	---
	Ant3	5230	38.16	5210.96	5249.12	---	---
	Ant1	5270	38.40	5250.80	5289.20	---	---
	Ant2	5270	38.16	5250.96	5289.12	---	---
	Ant3	5270	38.16	5250.88	5289.04	---	---
	Ant1	5310	38.64	5290.56	5329.20	---	---
	Ant2	5310	38.24	5290.88	5329.12	---	---
	Ant3	5310	38.16	5290.96	5329.12	---	---

	Ant1	5510	38.64	5490.80	5529.44	---	---
	Ant2	5510	38.24	5490.96	5529.20	---	---
	Ant3	5510	38.24	5490.80	5529.04	---	---
	Ant1	5550	38.32	5530.88	5569.20	---	---
	Ant2	5550	38.24	5530.88	5569.12	---	---
	Ant3	5550	38.16	5530.96	5569.12	---	---
	Ant1	5670	38.24	5650.88	5689.12	---	---
	Ant2	5670	38.16	5650.96	5689.12	---	---
	Ant3	5670	38.24	5650.96	5689.20	---	---
	Ant1	5710	38.40	5690.80	5729.20	---	---
	Ant2	5710	38.08	5690.96	5729.04	---	---
	Ant3	5710	38.24	5690.88	5729.12	---	---
	Ant1	5710 UNII-2C	34.2	5690.80	5725	---	---
	Ant2	5710 UNII-2C	34.04	5690.96	5725	---	---
	Ant3	5710 UNII-2C	34.12	5690.88	5725	---	---
	Ant1	5710 UNII-3	4.2	5725	5729.20	---	---
	Ant2	5710 UNII-3	4.04	5725	5729.04	---	---
	Ant3	5710 UNII-3	4.12	5725	5729.12	---	---
	Ant1	5755	40.88	5735.72	5776.60	---	---
	Ant2	5755	38.16	5735.88	5774.04	---	---
	Ant3	5755	38.24	5735.80	5774.04	---	---
	Ant1	5795	38.32	5775.88	5814.20	---	---
	Ant2	5795	38.24	5775.88	5814.12	---	---
	Ant3	5795	38.96	5775.16	5814.12	---	---
11AC80M IMO	Ant1	5210	79.04	5170.64	5249.68	---	---
	Ant2	5210	78.88	5170.64	5249.52	---	---
	Ant3	5210	78.88	5170.64	5249.52	---	---
	Ant1	5290	79.20	5250.32	5329.52	---	---
	Ant2	5290	79.04	5250.48	5329.52	---	---
	Ant3	5290	78.72	5250.64	5329.36	---	---
	Ant1	5530	79.04	5490.48	5569.52	---	---
	Ant2	5530	78.88	5490.64	5569.52	---	---
	Ant3	5530	78.72	5490.64	5569.36	---	---
	Ant1	5610	79.04	5570.48	5649.52	---	---
	Ant2	5610	78.88	5570.48	5649.36	---	---
	Ant3	5610	78.72	5570.64	5649.36	---	---
	Ant1	5690	79.20	5650.48	5729.68	---	---
	Ant2	5690	78.72	5650.64	5729.36	---	---
	Ant3	5690	78.88	5650.64	5729.52	---	---
	Ant1	5690 UNII-2C	74.52	5650.48	5725	---	---
	Ant2	5690 UNII-2C	74.36	5650.64	5725	---	---
	Ant3	5690 UNII-2C	74.36	5650.64	5725	---	---
	Ant1	5690 UNII-3	4.68	5725	5729.68	---	---
	Ant2	5690 UNII-3	4.36	5725	5729.36	---	---
	Ant3	5690 UNII-3	4.52	5725	5729.52	---	---
	Ant1	5775	79.20	5735.32	5814.52	---	---
	Ant2	5775	79.04	5735.48	5814.52	---	---
	Ant3	5775	79.20	5735.48	5814.68	---	---
11AC160 MIMO	Ant1	5250	164.80	5169.68	5334.48	---	---
	Ant2	5250	165.76	5169.36	5335.12	---	---
	Ant3	5250	165.44	5169.36	5334.80	---	---
	Ant1	5250 UNII-1	80.32	5169.68	5250	---	---
	Ant2	5250 UNII-1	80.64	5169.36	5250	---	---
	Ant3	5250 UNII-1	80.64	5169.36	5250	---	---
	Ant1	5250 UNII-2A	84.48	5250	5334.48	---	---
	Ant2	5250 UNII-2A	85.12	5250	5335.12	---	---
	Ant3	5250 UNII-2A	84.8	5250	5334.80	---	---
	Ant1	5570	165.12	5489.68	5654.80	---	---
	Ant2	5570	165.76	5489.36	5655.12	---	---
	Ant3	5570	164.80	5489.68	5654.48	---	---
11AX20M IMO	Ant1	5180	19.76	5170.12	5189.88	---	---
	Ant2	5180	19.68	5170.16	5189.84	---	---
	Ant3	5180	19.80	5170.12	5189.92	---	---
	Ant1	5200	19.72	5190.16	5209.88	---	---

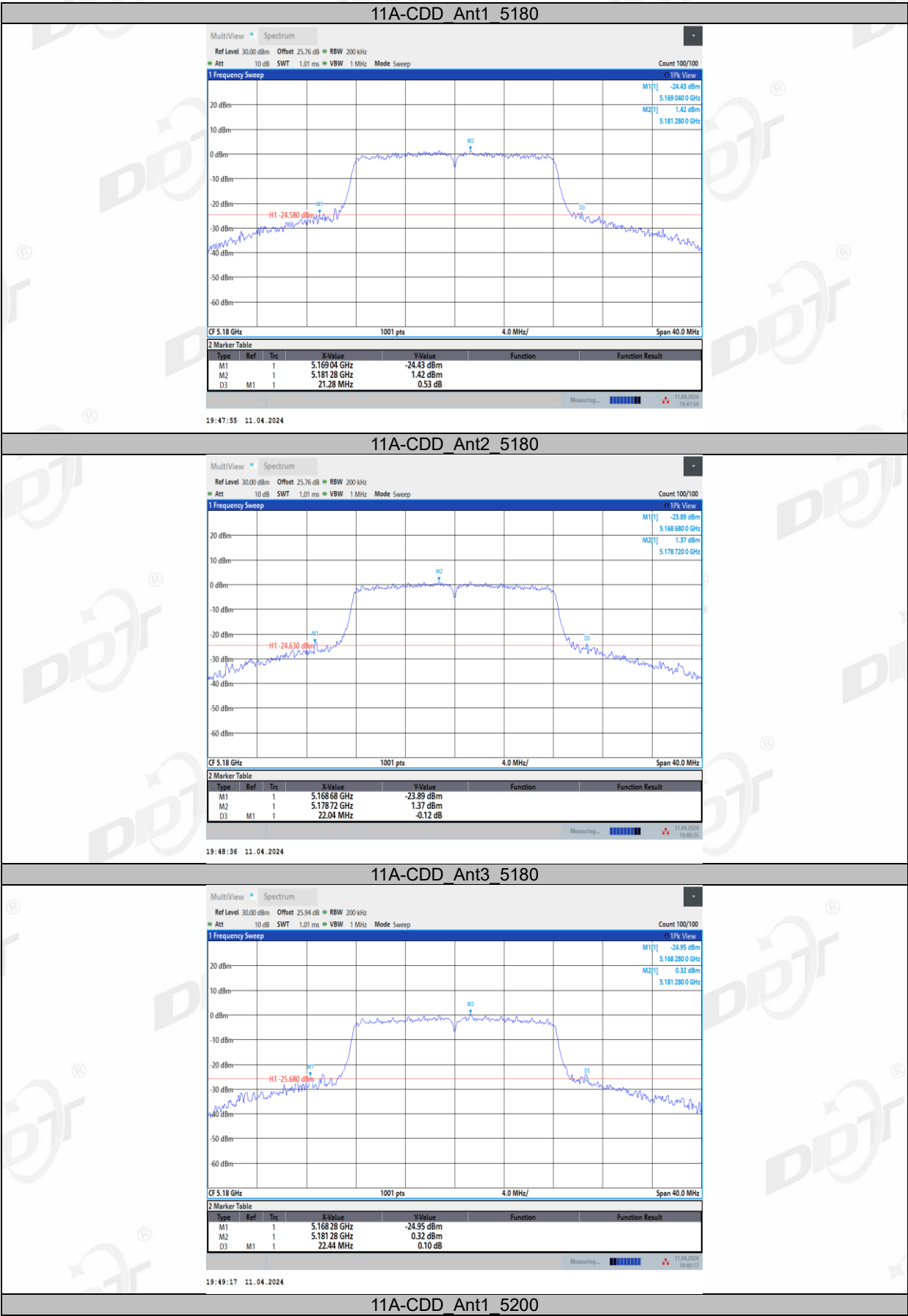
	Ant2	5200	19.88	5190.08	5209.96	---	---
	Ant3	5200	19.76	5190.12	5209.88	---	---
	Ant1	5240	19.80	5230.08	5249.88	---	---
	Ant2	5240	19.76	5230.12	5249.88	---	---
	Ant3	5240	19.84	5230.12	5249.96	---	---
	Ant1	5260	19.76	5250.12	5269.88	---	---
	Ant2	5260	19.80	5250.16	5269.96	---	---
	Ant3	5260	19.72	5250.16	5269.88	---	---
	Ant1	5280	19.76	5270.12	5289.88	---	---
	Ant2	5280	19.72	5270.16	5289.88	---	---
	Ant3	5280	19.72	5270.12	5289.84	---	---
	Ant1	5320	19.76	5310.12	5329.88	---	---
	Ant2	5320	19.76	5310.12	5329.88	---	---
	Ant3	5320	19.76	5310.12	5329.88	---	---
	Ant1	5500	19.80	5490.08	5509.88	---	---
	Ant2	5500	19.76	5490.12	5509.88	---	---
	Ant3	5500	19.80	5490.08	5509.88	---	---
	Ant1	5580	19.76	5570.08	5589.84	---	---
	Ant2	5580	19.72	5570.12	5589.84	---	---
	Ant3	5580	19.80	5570.08	5589.88	---	---
	Ant1	5700	19.80	5690.08	5709.88	---	---
	Ant2	5700	19.76	5690.12	5709.88	---	---
	Ant3	5700	19.76	5690.08	5709.84	---	---
	Ant1	5720	19.80	5710.08	5729.88	---	---
	Ant2	5720	19.80	5710.08	5729.88	---	---
	Ant3	5720	19.76	5710.12	5729.88	---	---
	Ant1	5720 UNII-2C	14.92	5710.08	5725	---	---
	Ant2	5720 UNII-2C	14.92	5710.08	5725	---	---
	Ant3	5720 UNII-2C	14.88	5710.12	5725	---	---
	Ant1	5720 UNII-3	4.88	5725	5729.88	---	---
	Ant2	5720 UNII-3	4.88	5725	5729.88	---	---
	Ant3	5720 UNII-3	4.88	5725	5729.88	---	---
	Ant1	5745	19.76	5735.08	5754.84	---	---
	Ant2	5745	19.76	5735.12	5754.88	---	---
	Ant3	5745	19.80	5735.12	5754.92	---	---
	Ant1	5785	19.64	5775.16	5794.80	---	---
	Ant2	5785	19.80	5775.12	5794.92	---	---
	Ant3	5785	19.76	5775.08	5794.84	---	---
	Ant1	5825	19.72	5815.12	5834.84	---	---
	Ant2	5825	19.80	5815.04	5834.84	---	---
	Ant3	5825	19.76	5815.12	5834.88	---	---
11AX40M IMO	Ant1	5190	39.28	5170.40	5209.68	---	---
	Ant2	5190	39.36	5170.24	5209.60	---	---
	Ant3	5190	39.52	5170.32	5209.84	---	---
	Ant1	5230	39.36	5210.40	5249.76	---	---
	Ant2	5230	39.28	5210.32	5249.60	---	---
	Ant3	5230	39.28	5210.32	5249.60	---	---
	Ant1	5270	39.52	5250.16	5289.68	---	---
	Ant2	5270	39.36	5250.32	5289.68	---	---
	Ant3	5270	39.28	5250.32	5289.60	---	---
	Ant1	5310	39.28	5290.40	5329.68	---	---
	Ant2	5310	39.20	5290.40	5329.60	---	---
	Ant3	5310	39.36	5290.32	5329.68	---	---
	Ant1	5510	39.44	5490.24	5529.68	---	---
	Ant2	5510	39.28	5490.40	5529.68	---	---
	Ant3	5510	39.28	5490.32	5529.60	---	---
	Ant1	5550	39.28	5530.40	5569.68	---	---
	Ant2	5550	39.36	5530.32	5569.68	---	---
	Ant3	5550	39.36	5530.32	5569.68	---	---
	Ant1	5670	39.52	5650.32	5689.84	---	---
	Ant2	5670	39.36	5650.32	5689.68	---	---
	Ant3	5670	39.36	5650.32	5689.68	---	---
	Ant1	5710	39.20	5690.40	5729.60	---	---
	Ant2	5710	39.36	5690.32	5729.68	---	---

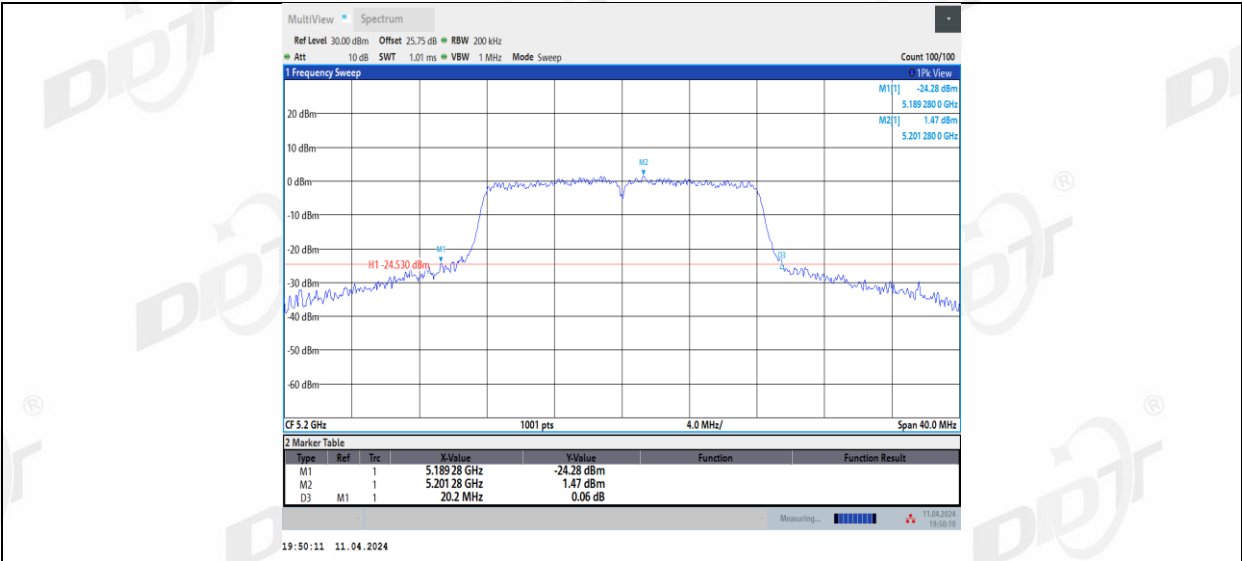
	Ant3	5710	39.36	5690.32	5729.68	---	---
	Ant1	5710 UNII-2C	34.6	5690.40	5725	---	---
	Ant2	5710 UNII-2C	34.68	5690.32	5725	---	---
	Ant3	5710 UNII-2C	34.68	5690.32	5725	---	---
	Ant1	5710 UNII-3	4.6	5725	5729.60	---	---
	Ant2	5710 UNII-3	4.68	5725	5729.68	---	---
	Ant3	5710 UNII-3	4.68	5725	5729.68	---	---
	Ant1	5755	39.44	5735.16	5774.60	---	---
	Ant2	5755	39.36	5735.32	5774.68	---	---
	Ant3	5755	39.52	5735.16	5774.68	---	---
	Ant1	5795	39.12	5775.40	5814.52	---	---
	Ant2	5795	39.52	5775.24	5814.76	---	---
	Ant3	5795	39.52	5775.24	5814.76	---	---
11AX80M IMO	Ant1	5210	80.16	5170.00	5250.16	---	---
	Ant2	5210	80.16	5170.00	5250.16	---	---
	Ant3	5210	80.00	5170.00	5250.00	---	---
	Ant1	5290	80.16	5250.00	5330.16	---	---
	Ant2	5290	80.00	5250.00	5330.00	---	---
	Ant3	5290	80.16	5250.00	5330.16	---	---
	Ant1	5530	80.00	5490.00	5570.00	---	---
	Ant2	5530	80.16	5490.00	5570.16	---	---
	Ant3	5530	80.16	5490.00	5570.16	---	---
	Ant1	5610	80.16	5569.84	5650.00	---	---
	Ant2	5610	80.00	5570.00	5650.00	---	---
	Ant3	5610	80.00	5570.00	5650.00	---	---
	Ant1	5690	80.00	5650.00	5730.00	---	---
	Ant2	5690	80.00	5650.00	5730.00	---	---
	Ant3	5690	80.16	5650.00	5730.16	---	---
	Ant1	5690 UNII-2C	75	5650.00	5725	---	---
	Ant2	5690 UNII-2C	75	5650.00	5725	---	---
	Ant3	5690 UNII-2C	75	5650.00	5725	---	---
	Ant1	5690 UNII-3	5	5725	5730.00	---	---
	Ant2	5690 UNII-3	5	5725	5730.00	---	---
	Ant3	5690 UNII-3	5.16	5725	5730.16	---	---
	Ant1	5775	80.16	5735.00	5815.16	---	---
	Ant2	5775	80.32	5734.84	5815.16	---	---
	Ant3	5775	80.00	5735.00	5815.00	---	---
11AX160 MIMO	Ant1	5250	162.56	5169.04	5331.60	---	---
	Ant2	5250	161.92	5169.04	5330.96	---	---
	Ant3	5250	162.24	5169.04	5331.28	---	---
	Ant1	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant2	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant3	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant1	5250 UNII-2A	81.6	5250	5331.60	---	---
	Ant2	5250 UNII-2A	80.96	5250	5330.96	---	---
	Ant3	5250 UNII-2A	81.28	5250	5331.28	---	---
	Ant1	5570	162.56	5489.04	5651.60	---	---
	Ant2	5570	162.24	5489.04	5651.28	---	---
	Ant3	5570	162.24	5489.04	5651.28	---	---
11BE20M IMO	Ant1	5180	19.72	5170.12	5189.84	---	---
	Ant2	5180	19.76	5170.12	5189.88	---	---
	Ant3	5180	19.76	5170.12	5189.88	---	---
	Ant1	5200	19.76	5190.08	5209.84	---	---
	Ant2	5200	19.72	5190.08	5209.80	---	---
	Ant3	5200	19.76	5190.08	5209.84	---	---
	Ant1	5240	19.88	5230.04	5249.92	---	---
	Ant2	5240	19.76	5230.12	5249.88	---	---
	Ant3	5240	19.80	5230.12	5249.92	---	---
	Ant1	5260	19.80	5250.04	5269.84	---	---
	Ant2	5260	19.80	5250.12	5269.92	---	---
	Ant3	5260	19.76	5250.12	5269.88	---	---
	Ant1	5280	19.76	5270.12	5289.88	---	---
	Ant2	5280	19.68	5270.20	5289.88	---	---
	Ant3	5280	19.80	5270.08	5289.88	---	---

	Ant1	5320	19.76	5310.16	5329.92	---	---
	Ant2	5320	19.80	5310.12	5329.92	---	---
	Ant3	5320	19.72	5310.12	5329.84	---	---
	Ant1	5500	19.68	5490.12	5509.80	---	---
	Ant2	5500	19.72	5490.16	5509.88	---	---
	Ant3	5500	19.84	5490.04	5509.88	---	---
	Ant1	5580	19.72	5570.12	5589.84	---	---
	Ant2	5580	19.84	5570.04	5589.88	---	---
	Ant3	5580	19.80	5570.12	5589.92	---	---
	Ant1	5700	19.68	5690.16	5709.84	---	---
	Ant2	5700	19.76	5690.12	5709.88	---	---
	Ant3	5700	19.72	5690.16	5709.88	---	---
	Ant1	5720	19.72	5710.16	5729.88	---	---
	Ant2	5720	19.72	5710.08	5729.80	---	---
	Ant3	5720	19.72	5710.12	5729.84	---	---
	Ant1	5720 UNII-2C	14.84	5710.16	5725	---	---
	Ant2	5720 UNII-2C	14.92	5710.08	5725	---	---
	Ant3	5720 UNII-2C	14.88	5710.12	5725	---	---
	Ant1	5720 UNII-3	4.88	5725	5729.88	---	---
	Ant2	5720 UNII-3	4.8	5725	5729.80	---	---
	Ant3	5720 UNII-3	4.84	5725	5729.84	---	---
	Ant1	5745	19.88	5735.04	5754.92	---	---
	Ant2	5745	19.76	5735.12	5754.88	---	---
	Ant3	5745	19.84	5735.04	5754.88	---	---
	Ant1	5785	19.68	5775.16	5794.84	---	---
	Ant2	5785	19.76	5775.12	5794.88	---	---
	Ant3	5785	19.72	5775.12	5794.84	---	---
	Ant1	5825	19.80	5815.04	5834.84	---	---
	Ant2	5825	19.80	5815.04	5834.84	---	---
	Ant3	5825	19.68	5815.12	5834.80	---	---
11BE40M IMO	Ant1	5190	45.52	5166.24	5211.76	---	---
	Ant2	5190	42.40	5169.36	5211.76	---	---
	Ant3	5190	40.48	5169.20	5209.68	---	---
	Ant1	5230	39.28	5210.40	5249.68	---	---
	Ant2	5230	39.12	5210.48	5249.60	---	---
	Ant3	5230	39.28	5210.40	5249.68	---	---
	Ant1	5270	39.12	5250.48	5289.60	---	---
	Ant2	5270	39.28	5250.48	5289.76	---	---
	Ant3	5270	39.20	5250.40	5289.60	---	---
	Ant1	5310	40.72	5288.88	5329.60	---	---
	Ant2	5310	40.72	5289.12	5329.84	---	---
	Ant3	5310	40.56	5289.20	5329.76	---	---
	Ant1	5510	39.12	5490.48	5529.60	---	---
	Ant2	5510	39.20	5490.48	5529.68	---	---
	Ant3	5510	39.20	5490.40	5529.60	---	---
	Ant1	5550	39.36	5530.32	5569.68	---	---
	Ant2	5550	39.36	5530.32	5569.68	---	---
	Ant3	5550	39.20	5530.40	5569.60	---	---
	Ant1	5670	39.28	5650.40	5689.68	---	---
	Ant2	5670	40.56	5649.12	5689.68	---	---
	Ant3	5670	42.40	5649.44	5691.84	---	---
	Ant1	5710	39.36	5690.32	5729.68	---	---
	Ant2	5710	39.28	5690.40	5729.68	---	---
	Ant3	5710	39.52	5690.24	5729.76	---	---
	Ant1	5710 UNII-2C	34.68	5690.32	5725	---	---
	Ant2	5710 UNII-2C	34.6	5690.40	5725	---	---
	Ant3	5710 UNII-2C	34.76	5690.24	5725	---	---
	Ant1	5710 UNII-3	4.68	5725	5729.68	---	---
	Ant2	5710 UNII-3	4.68	5725	5729.68	---	---
	Ant3	5710 UNII-3	4.76	5725	5729.76	---	---
	Ant1	5755	41.76	5735.24	5777.00	---	---
	Ant2	5755	41.68	5735.16	5776.84	---	---
	Ant3	5755	44.24	5735.32	5779.56	---	---
	Ant1	5795	43.44	5771.24	5814.68	---	---

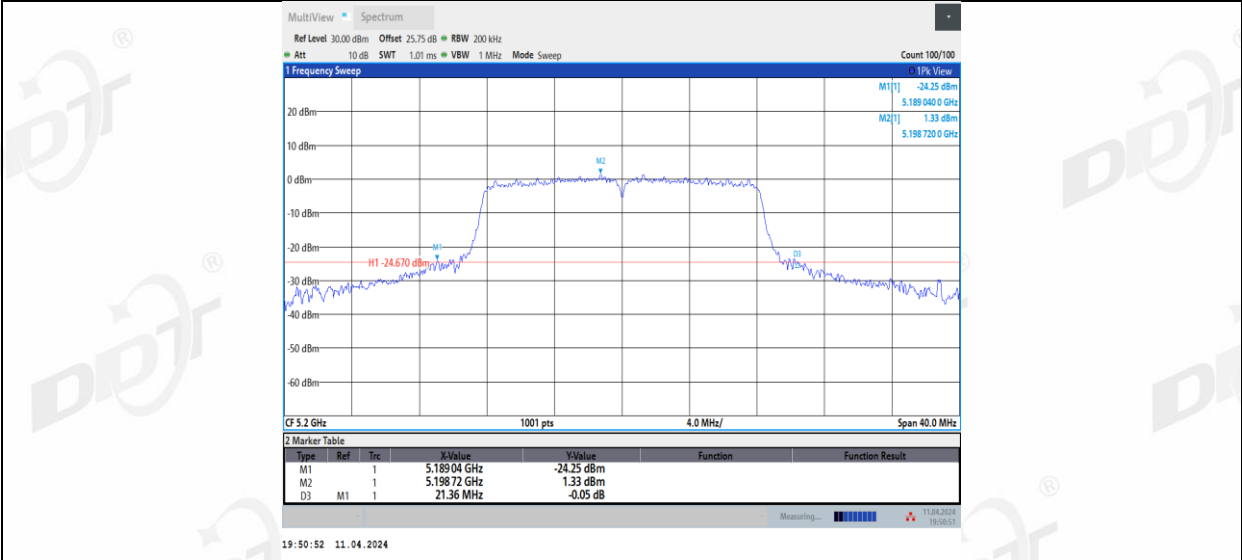
11BE80M IMO	Ant2	5795	48.72	5770.92	5819.64	---	---
	Ant3	5795	45.84	5771.24	5817.08	---	---
	Ant1	5210	80.16	5170.00	5250.16	---	---
	Ant2	5210	80.00	5170.00	5250.00	---	---
	Ant3	5210	80.96	5170.00	5250.96	---	---
	Ant1	5290	80.00	5250.00	5330.00	---	---
	Ant2	5290	80.16	5250.00	5330.16	---	---
	Ant3	5290	80.16	5250.00	5330.16	---	---
	Ant1	5530	80.00	5490.00	5570.00	---	---
	Ant2	5530	80.16	5490.00	5570.16	---	---
	Ant3	5530	80.00	5490.00	5570.00	---	---
	Ant1	5610	80.00	5570.00	5650.00	---	---
	Ant2	5610	80.16	5569.84	5650.00	---	---
	Ant3	5610	80.00	5570.00	5650.00	---	---
	Ant1	5690	80.32	5649.84	5730.16	---	---
	Ant2	5690	80.00	5650.00	5730.00	---	---
	Ant3	5690	80.16	5650.00	5730.16	---	---
	Ant1	5690 UNII-2C	75.16	5649.84	5725	---	---
	Ant2	5690 UNII-2C	75	5650.00	5725	---	---
	Ant3	5690 UNII-2C	75	5650.00	5725	---	---
	Ant1	5690 UNII-3	5.16	5725	5730.16	---	---
	Ant2	5690 UNII-3	5	5725	5730.00	---	---
	Ant3	5690 UNII-3	5.16	5725	5730.16	---	---
	Ant1	5775	80.00	5735.00	5815.00	---	---
	Ant2	5775	80.80	5735.00	5815.80	---	---
	Ant3	5775	80.00	5735.00	5815.00	---	---
11BE160 MIMO	Ant1	5250	161.92	5169.04	5330.96	---	---
	Ant2	5250	161.92	5169.04	5330.96	---	---
	Ant3	5250	162.24	5169.04	5331.28	---	---
	Ant1	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant2	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant3	5250 UNII-1	80.96	5169.04	5250	---	---
	Ant1	5250 UNII-2A	80.96	5250	5330.96	---	---
	Ant2	5250 UNII-2A	80.96	5250	5330.96	---	---
	Ant3	5250 UNII-2A	81.28	5250	5331.28	---	---
	Ant1	5570	162.56	5488.72	5651.28	---	---
	Ant2	5570	162.56	5488.72	5651.28	---	---
	Ant3	5570	163.20	5488.40	5651.60	---	---

4.5. Test graphs

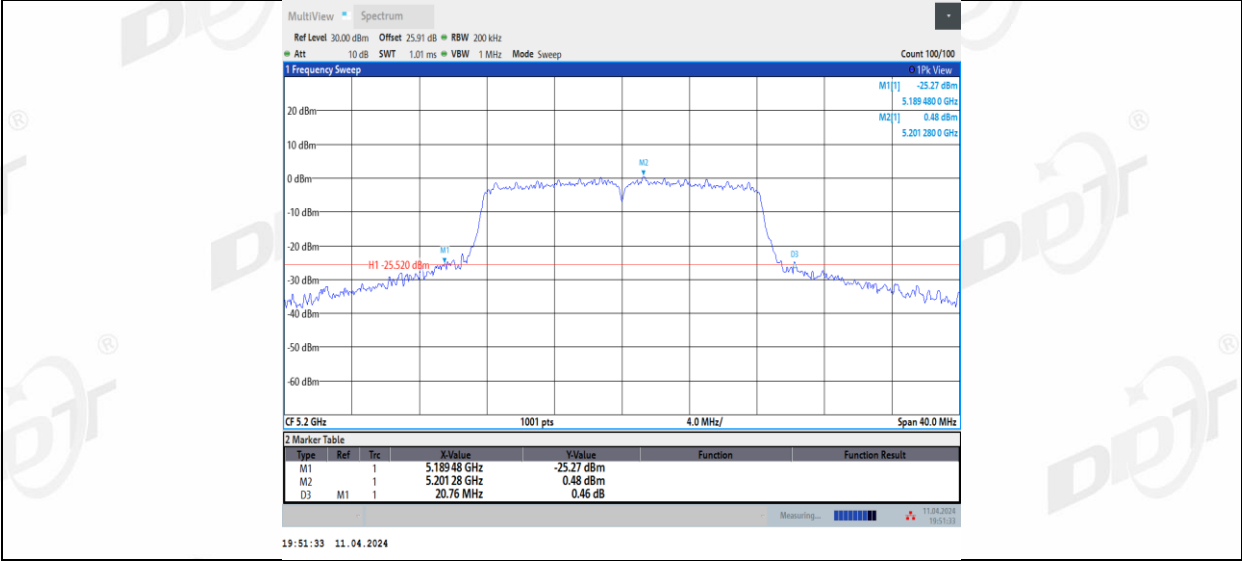




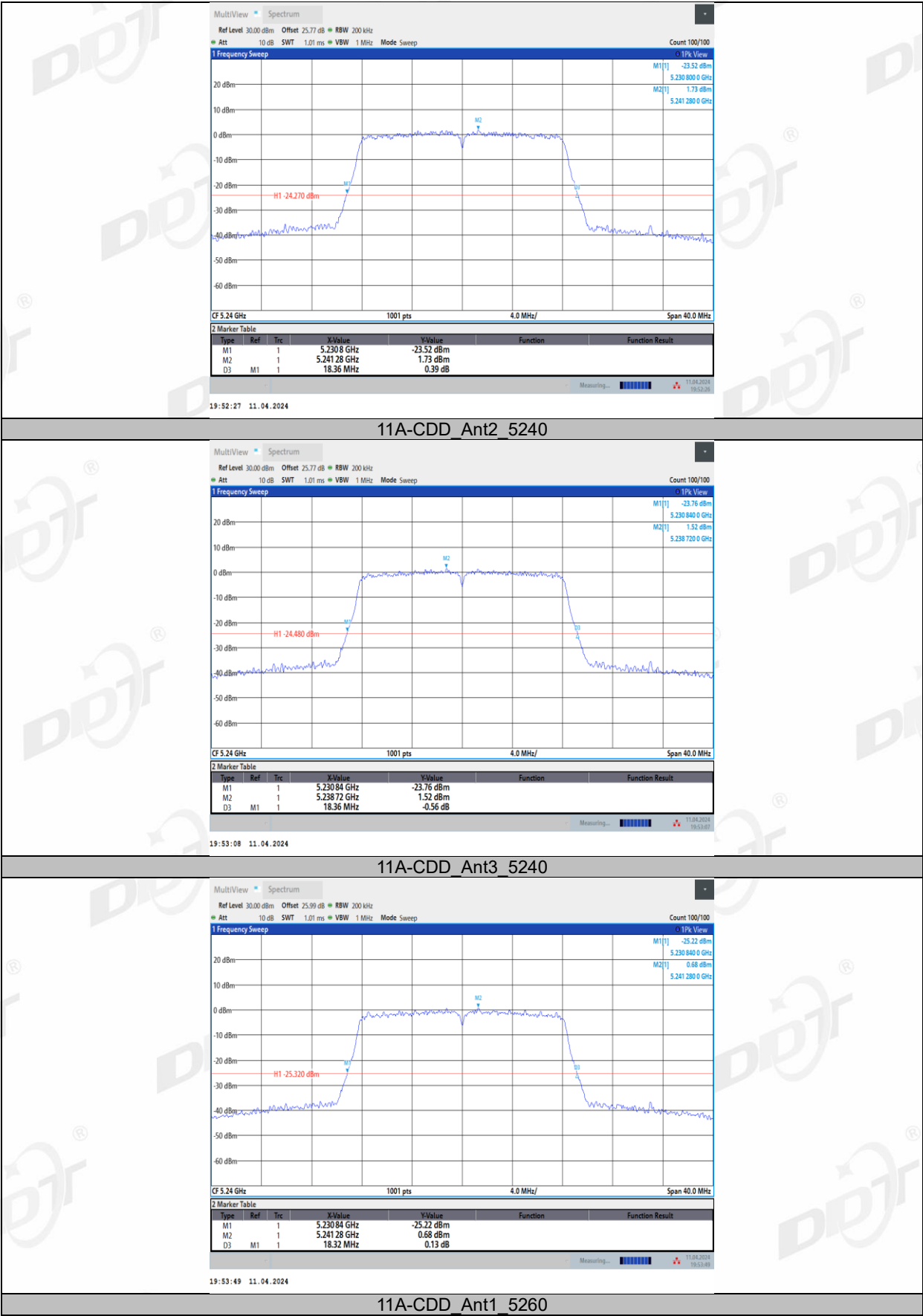
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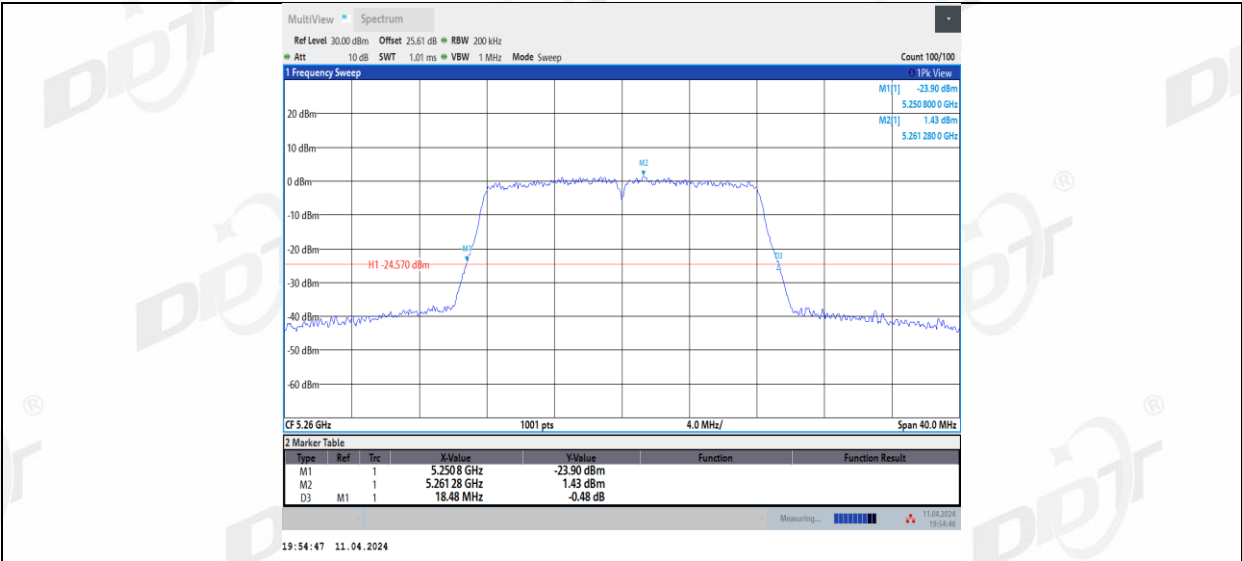


11A-CDD_Ant3_5200

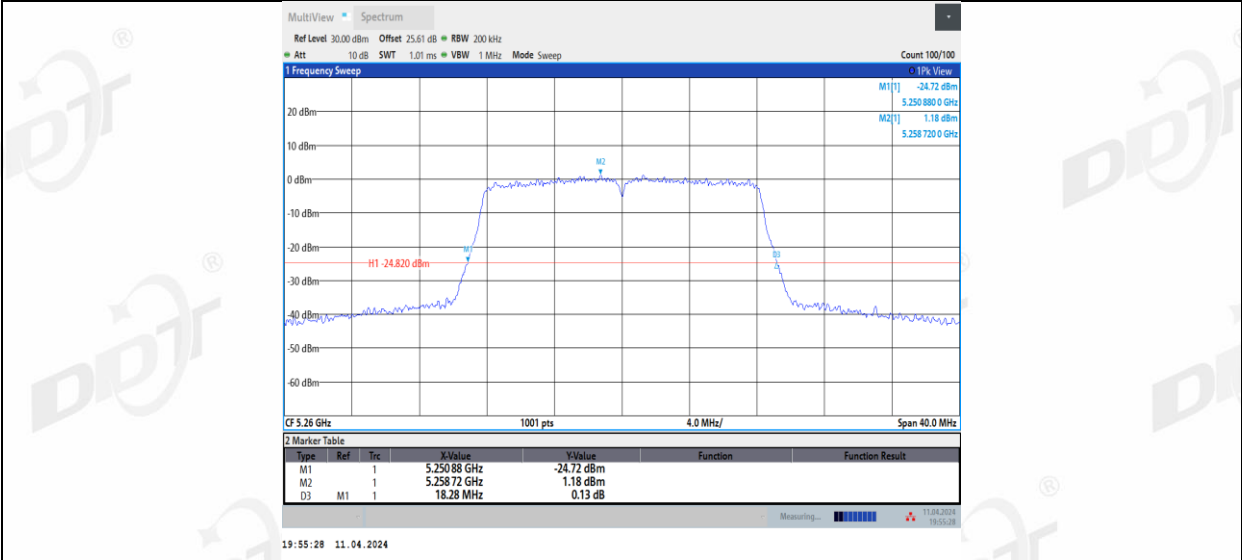


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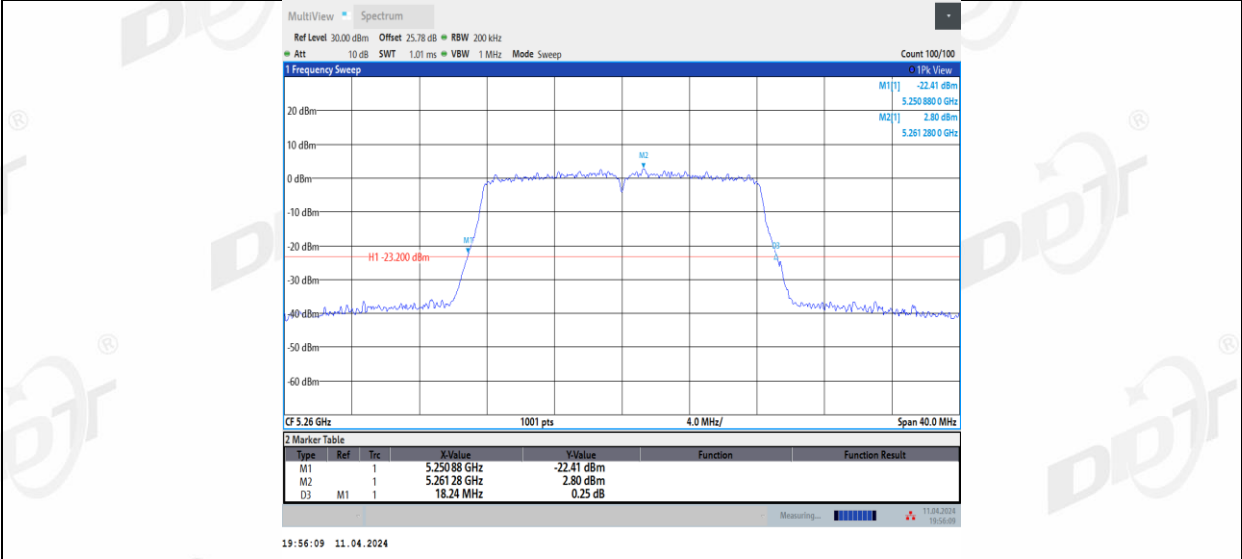




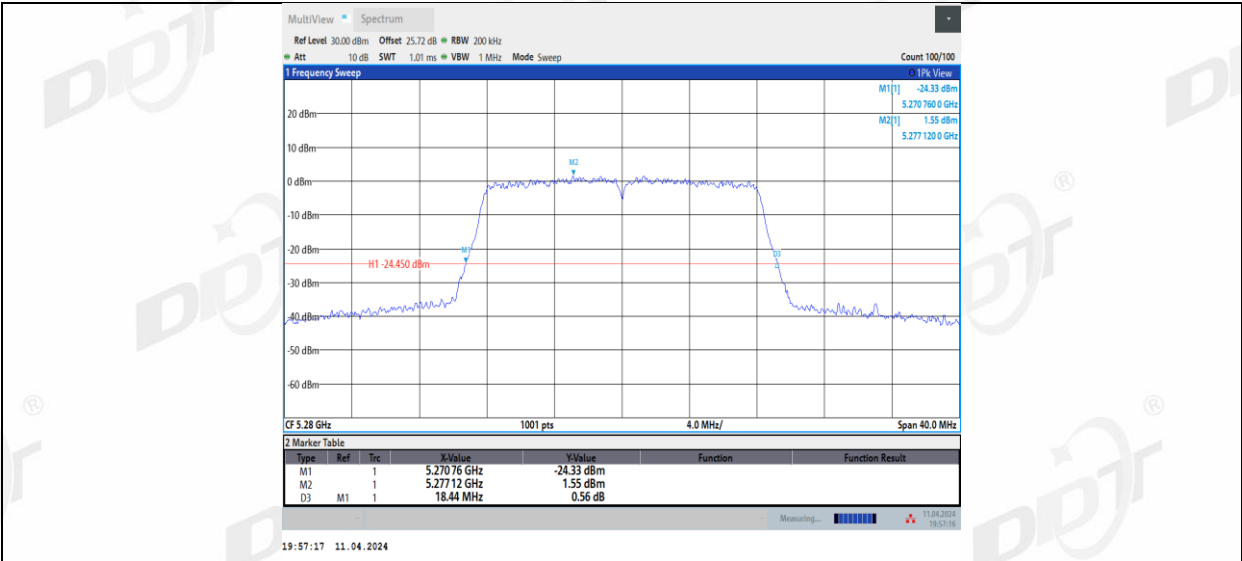
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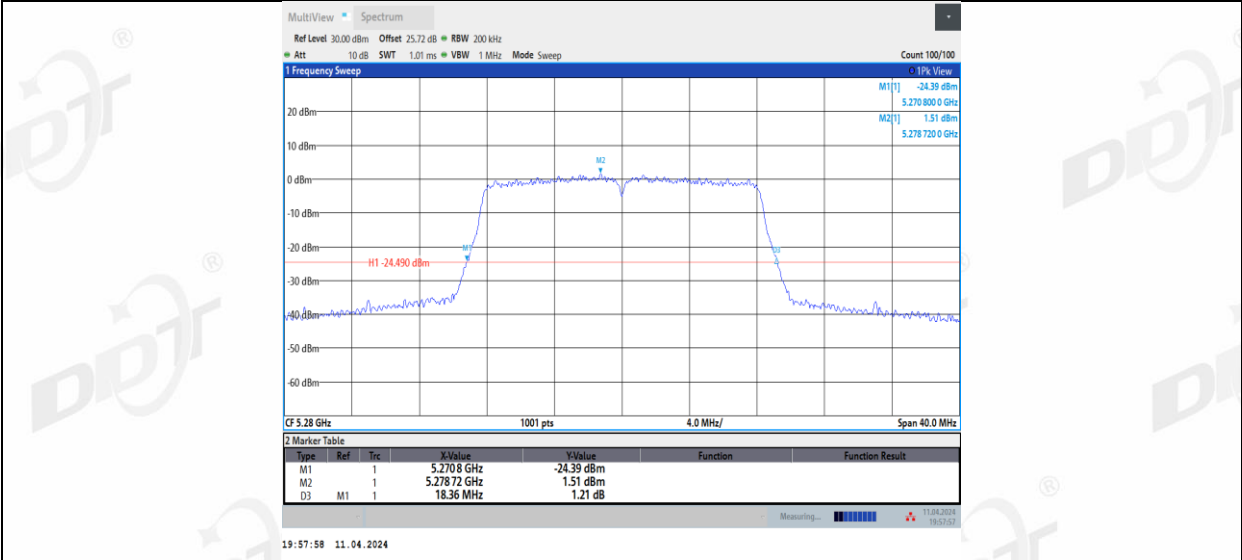
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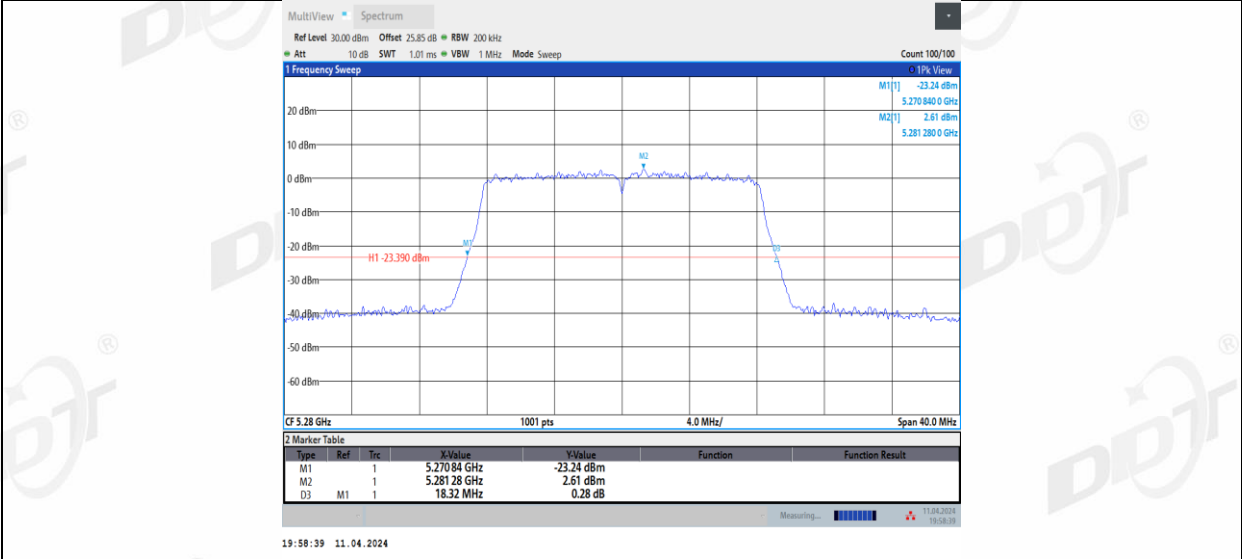
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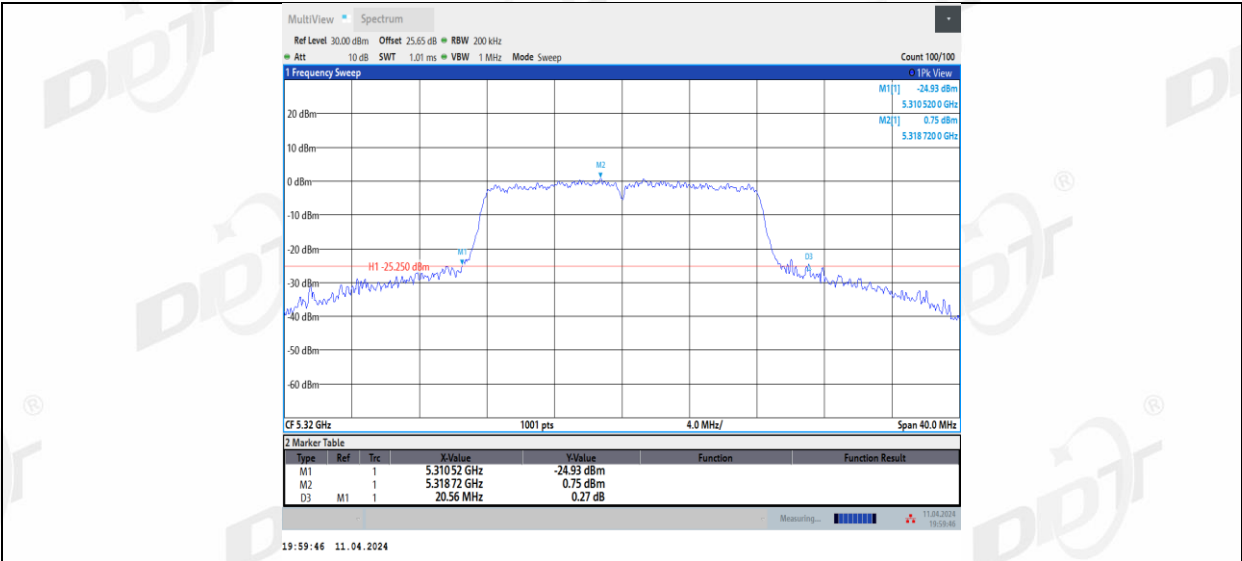
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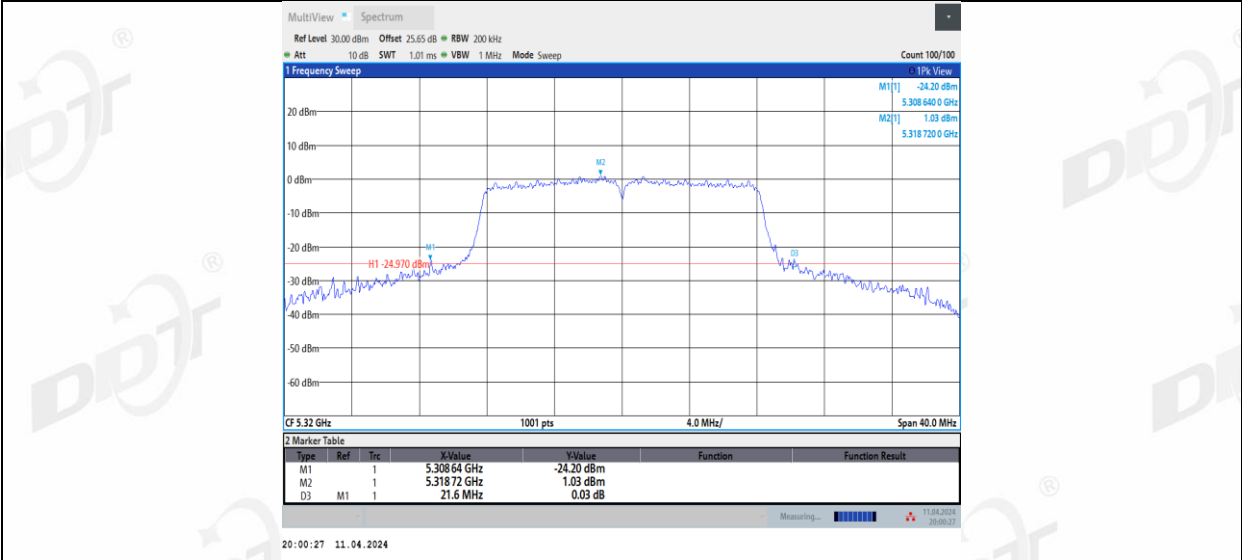
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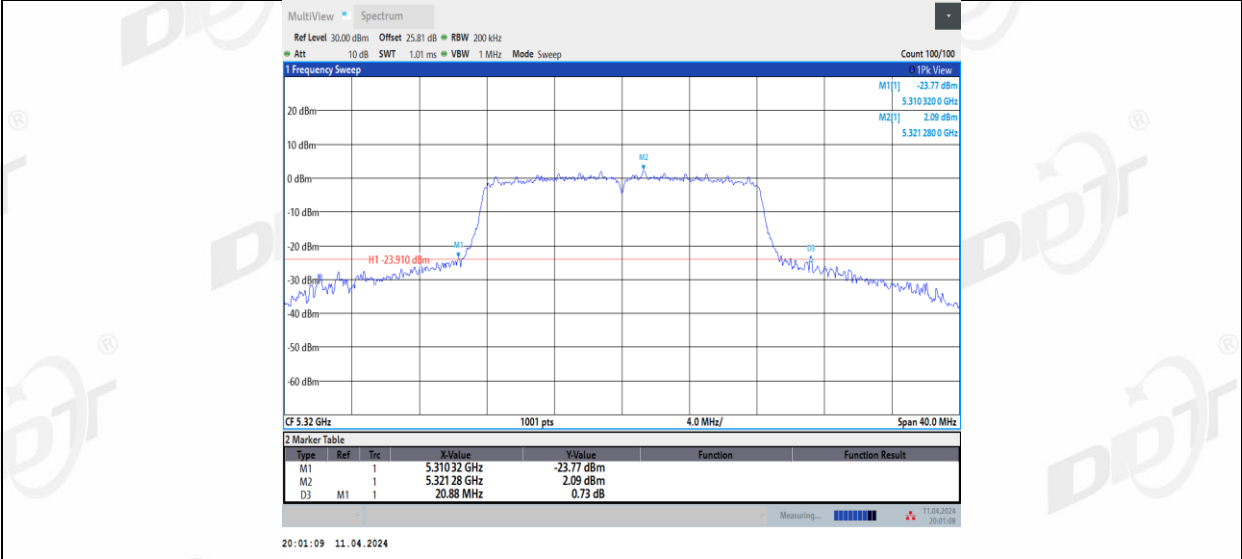
11A-CDD_Ant1_5320



11A-CDD_Ant2_5320

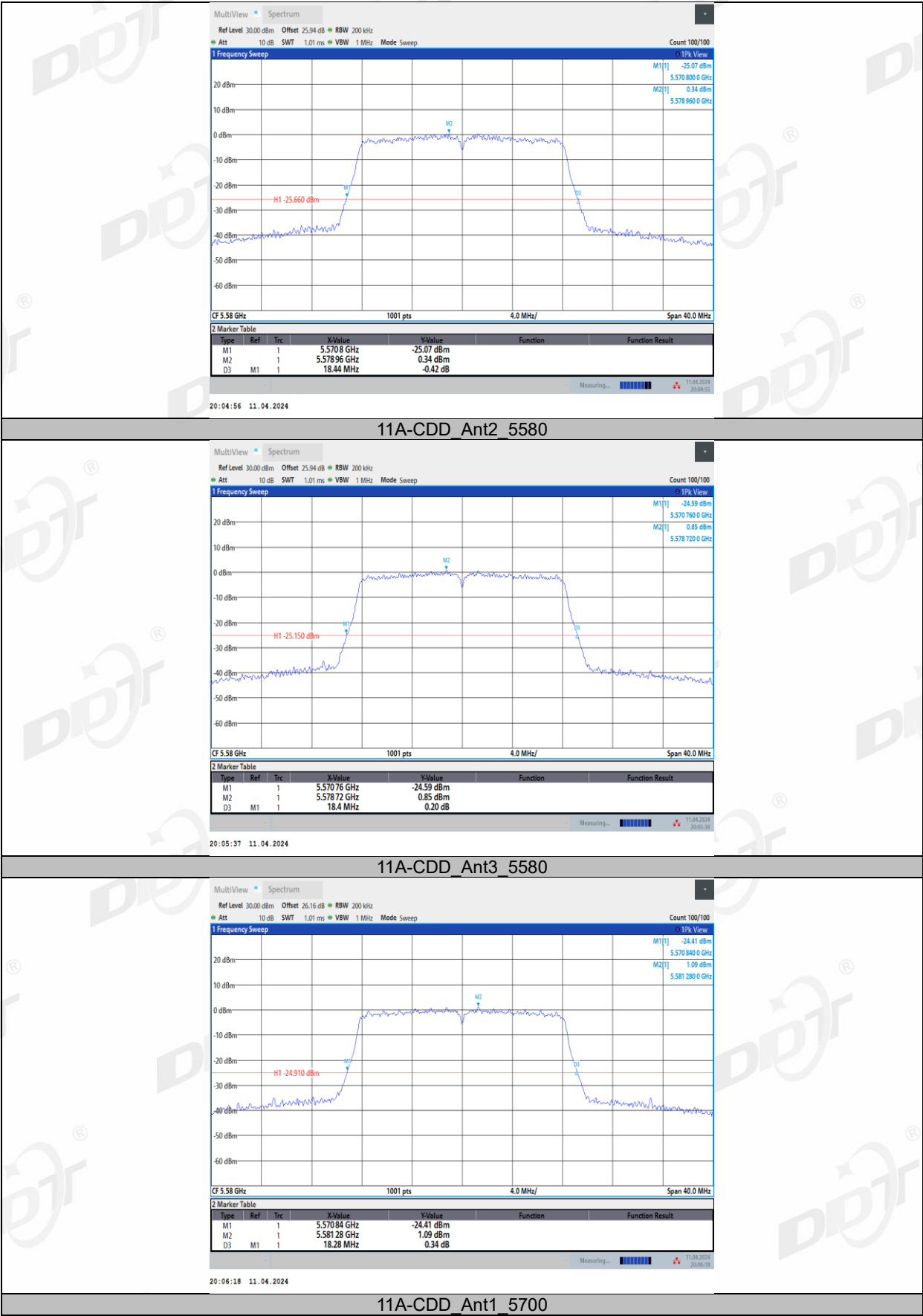


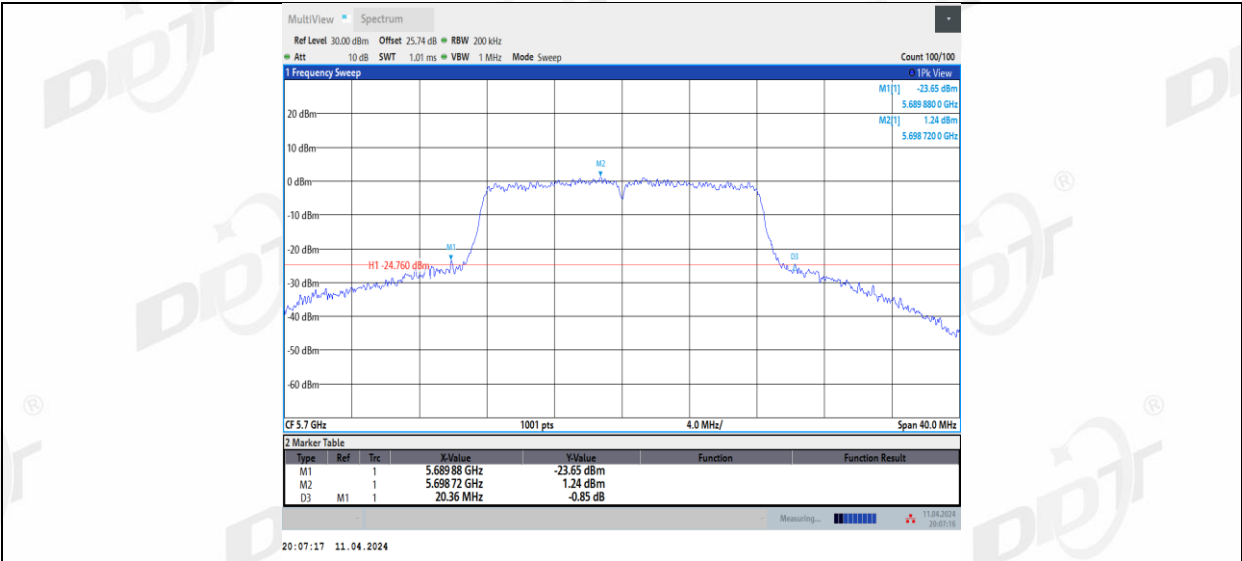
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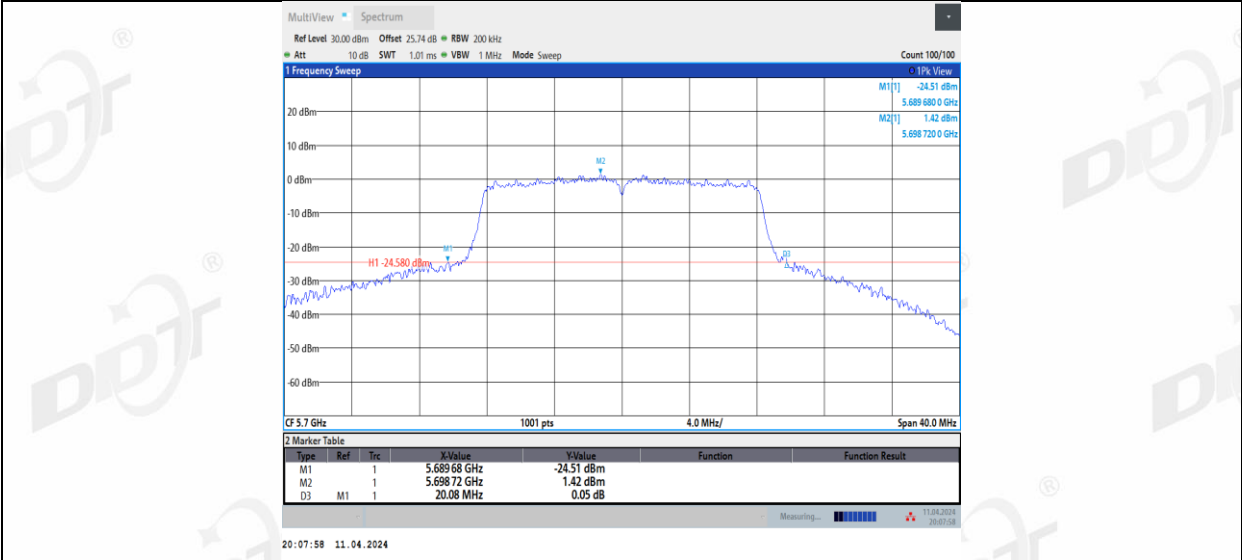
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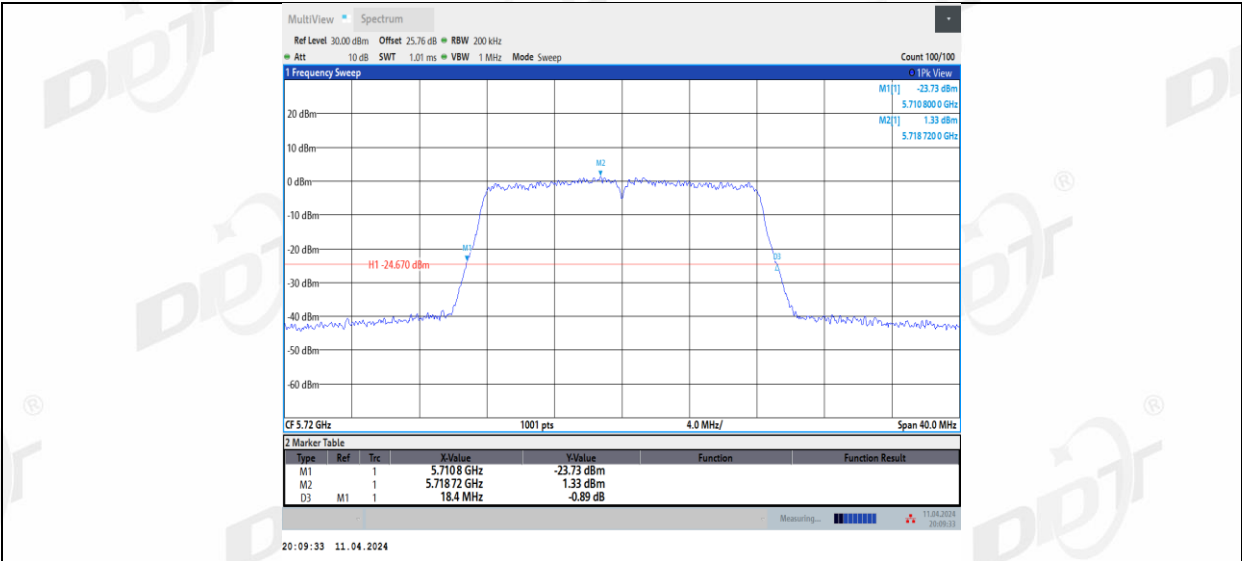
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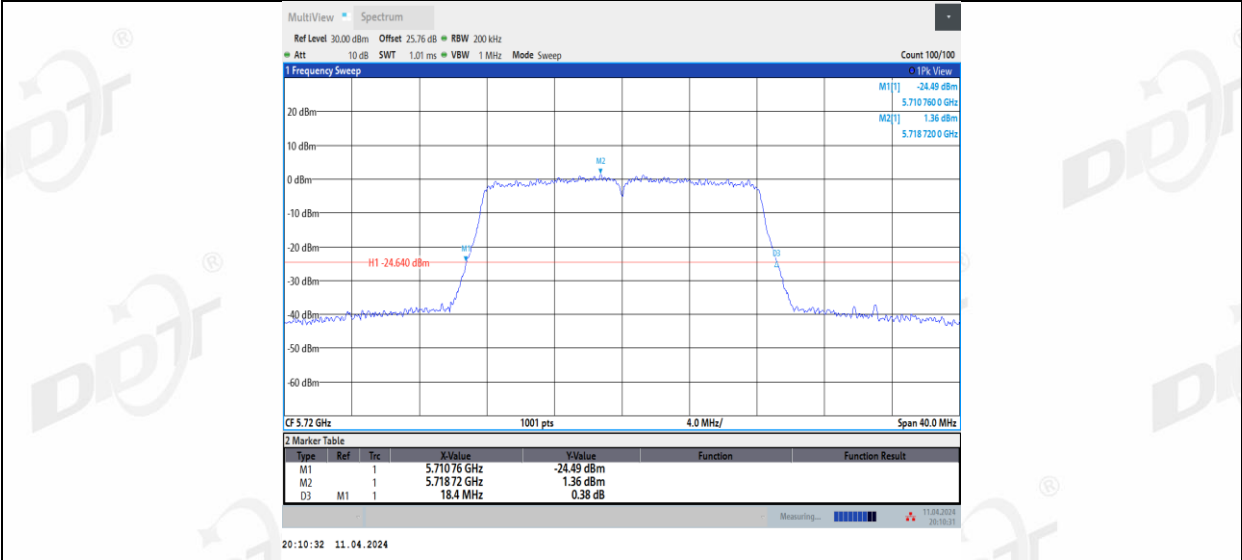
11A-CDD_Ant3_5700



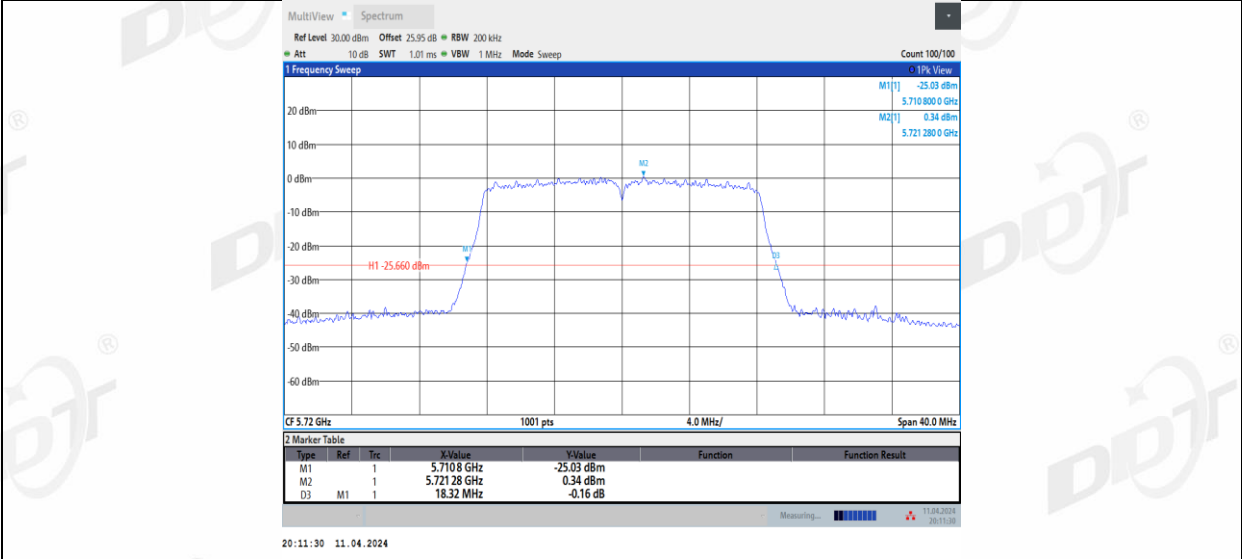
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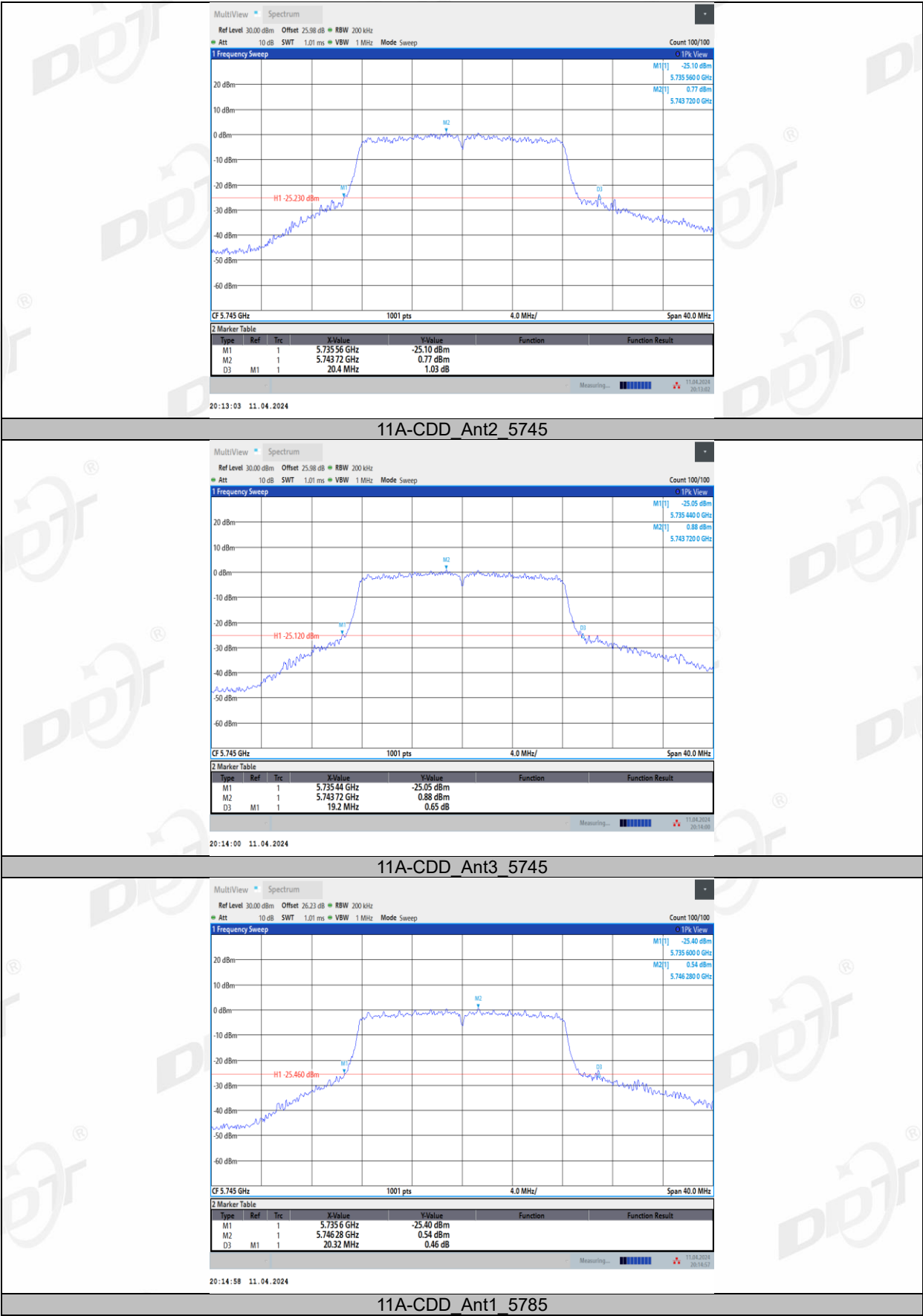
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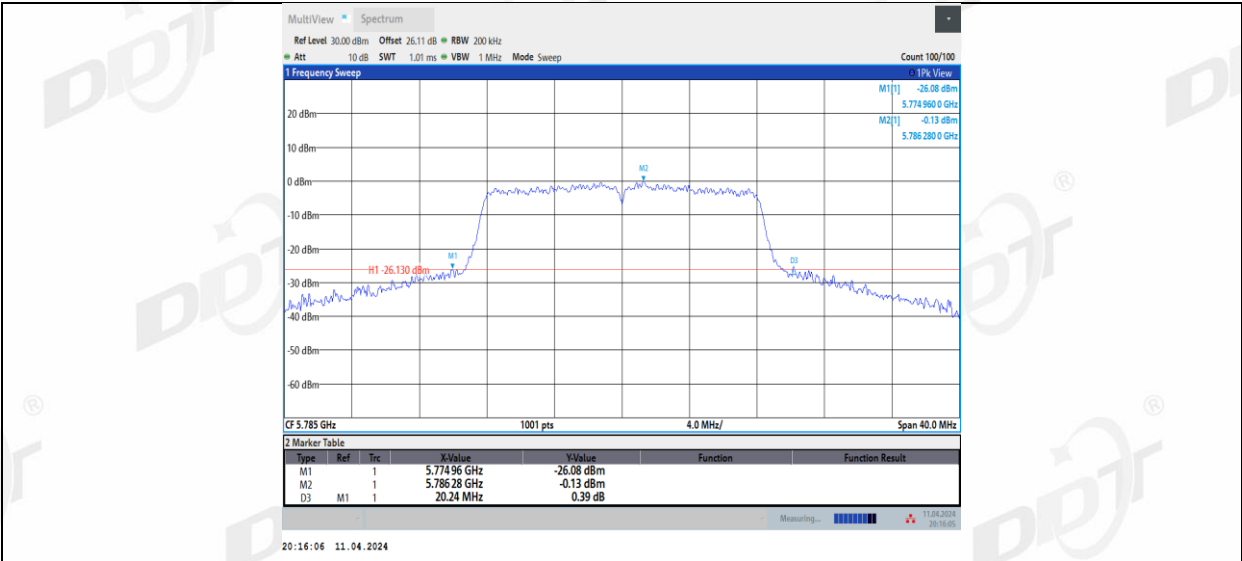


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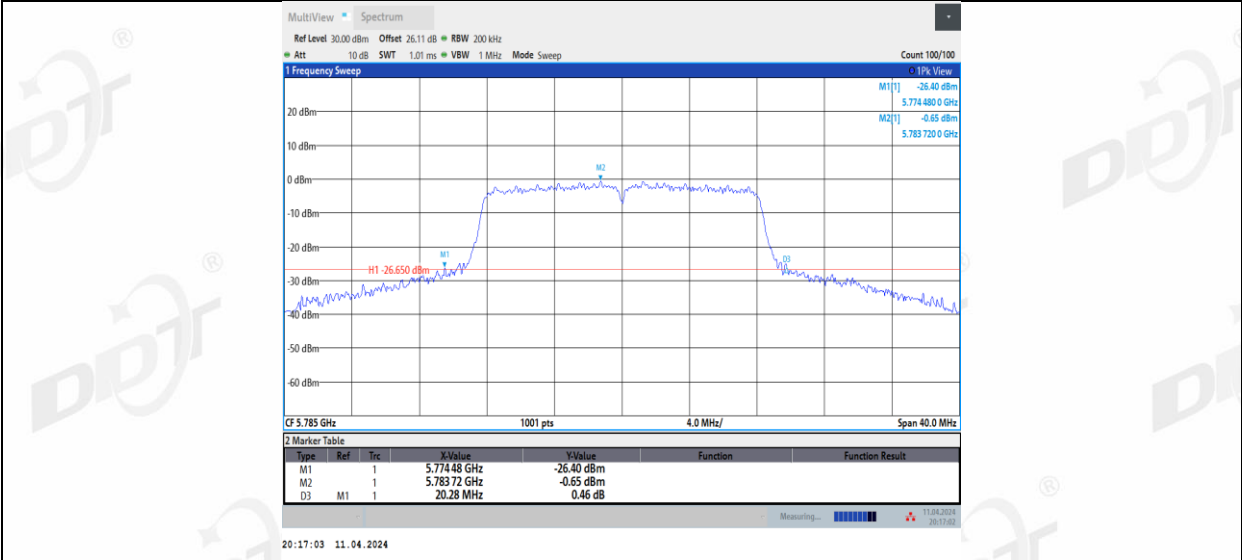


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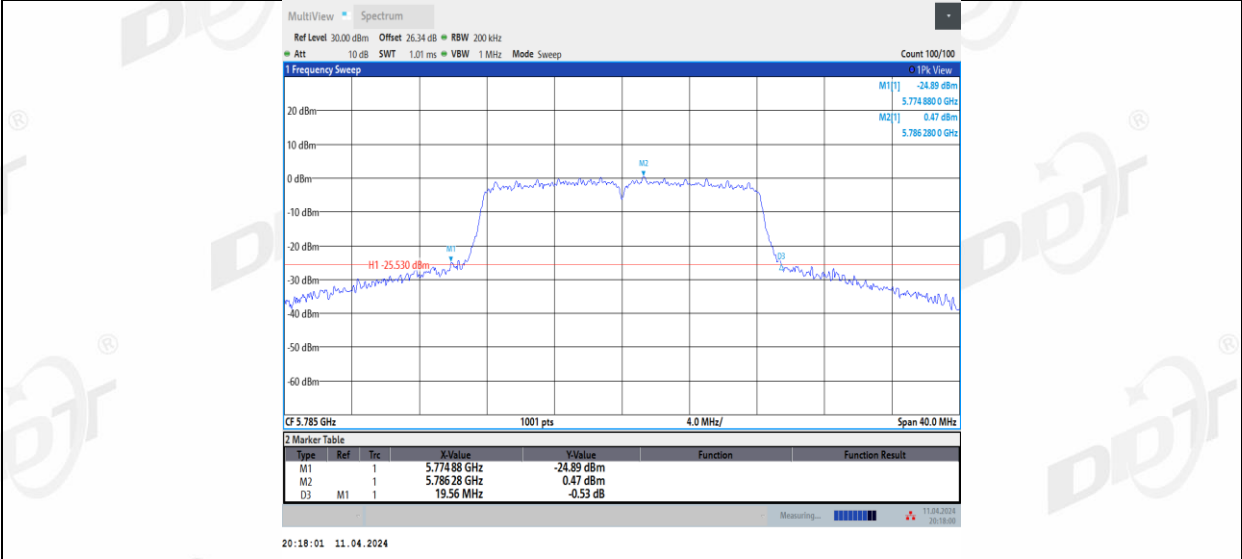




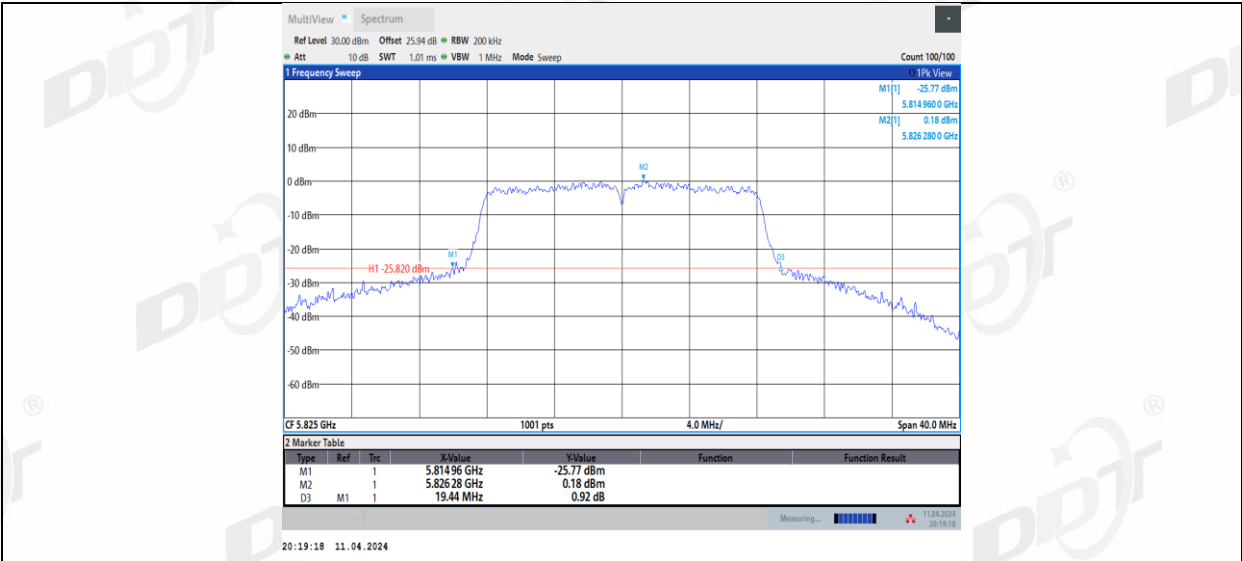
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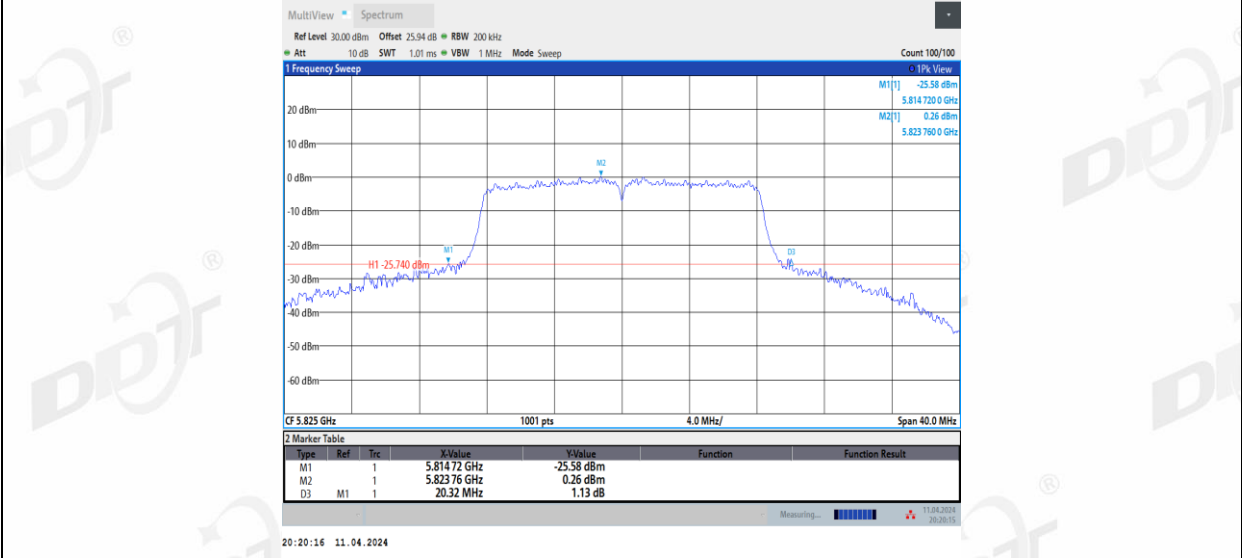
11A-CDD_Ant3_5785



11A-CDD_Ant1_5825



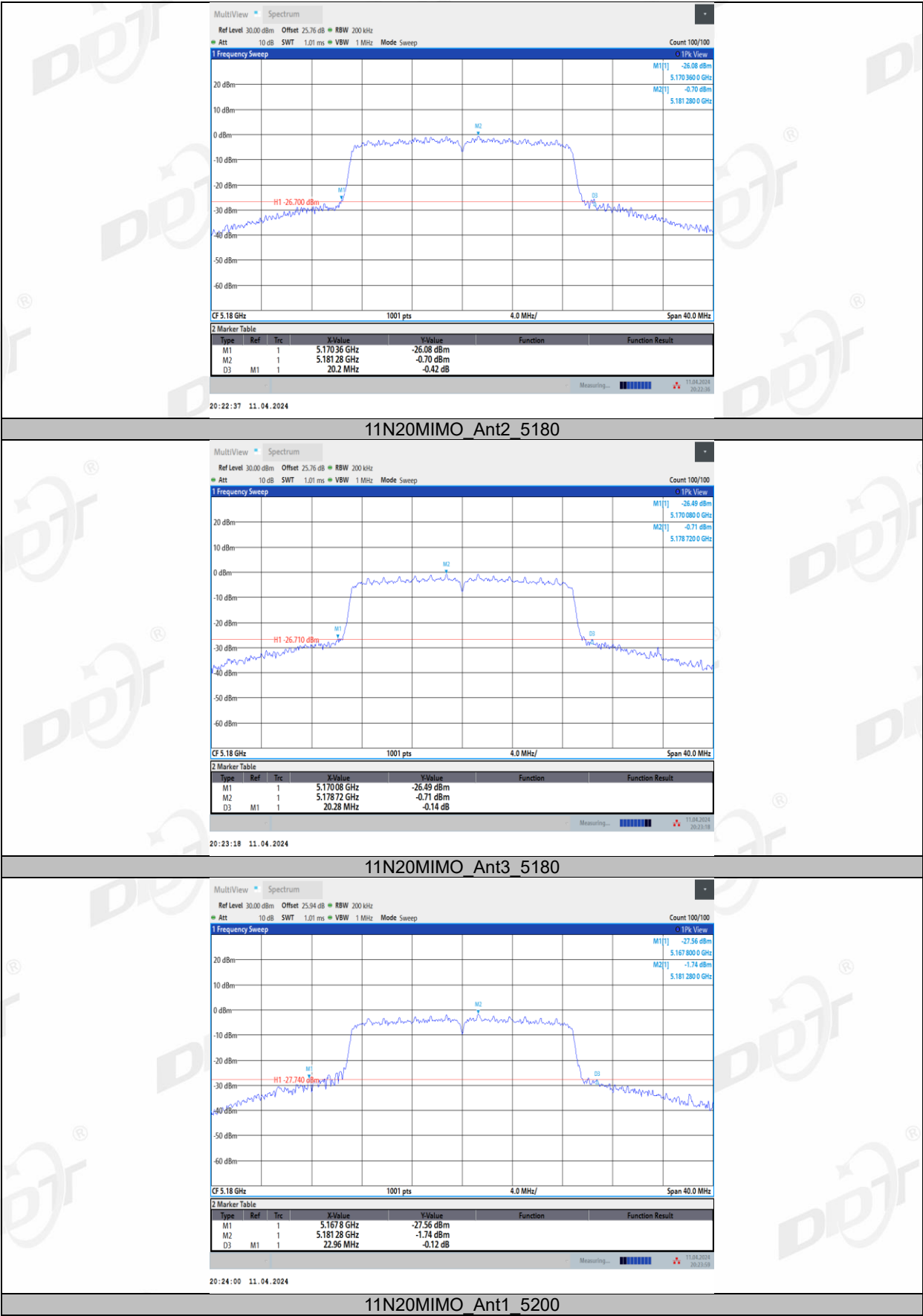
11A-CDD_Ant2_5825



11A-CDD_Ant3_5825



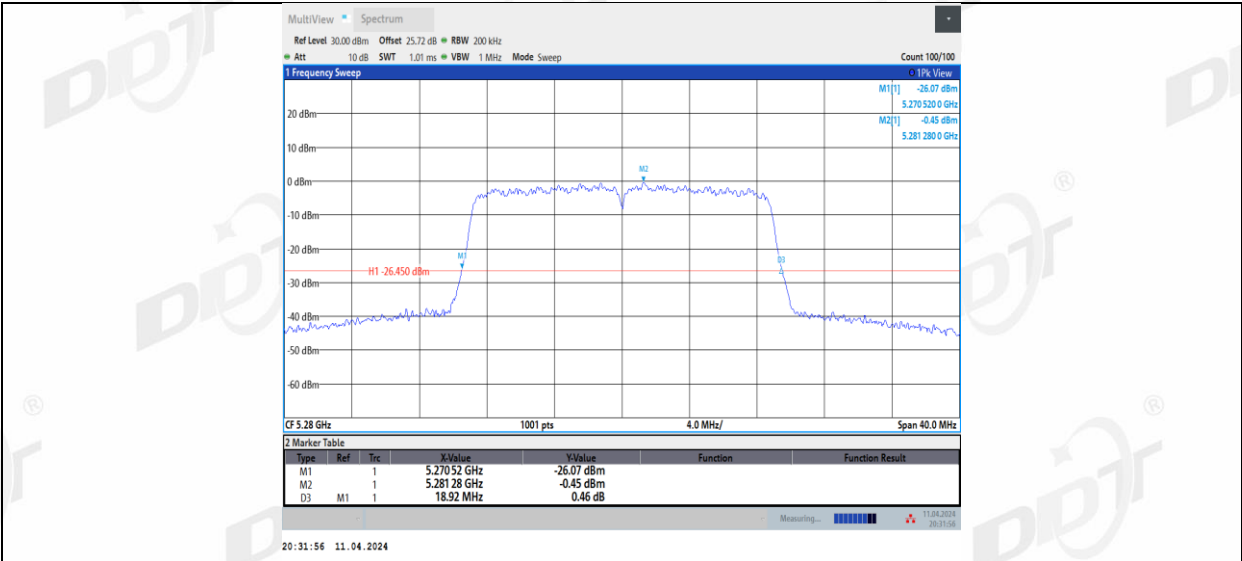
11N20MIMO_Ant1_5180



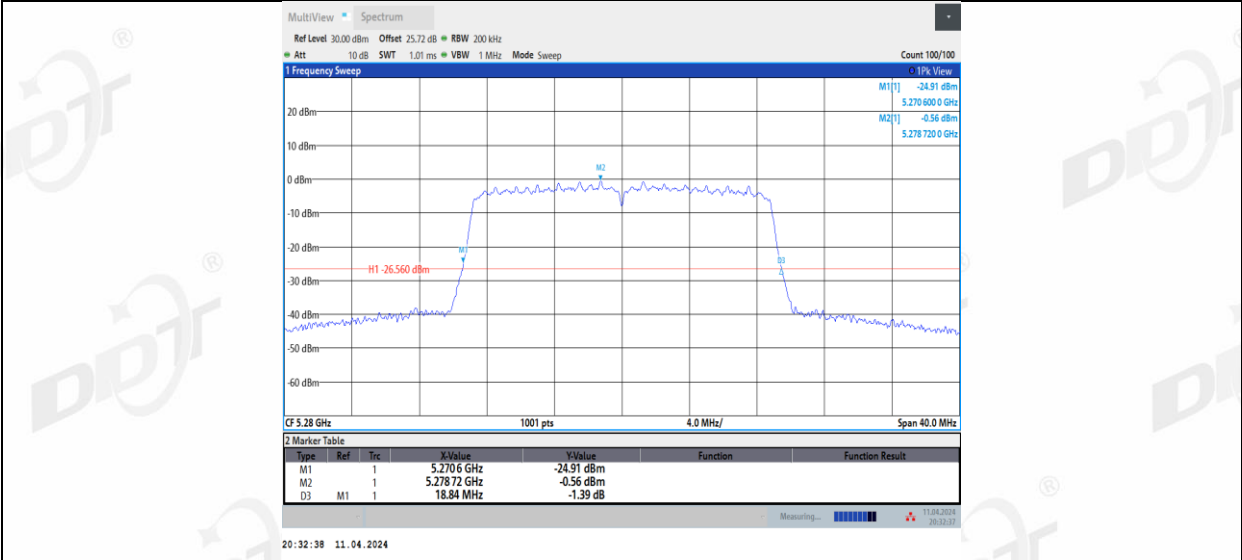




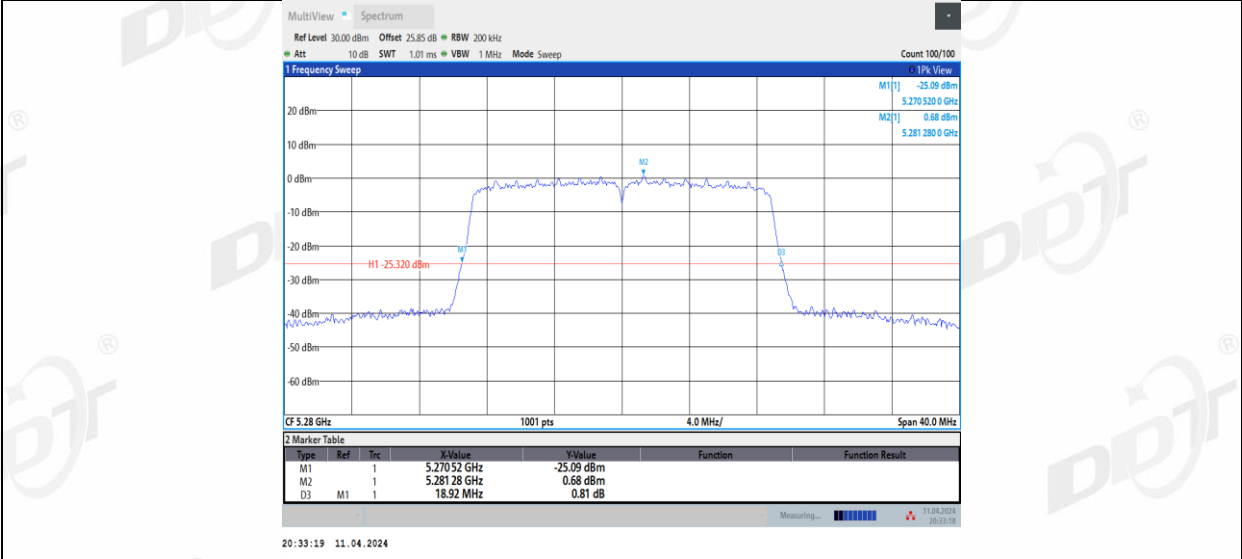




11N20MIMO_Ant2_5280



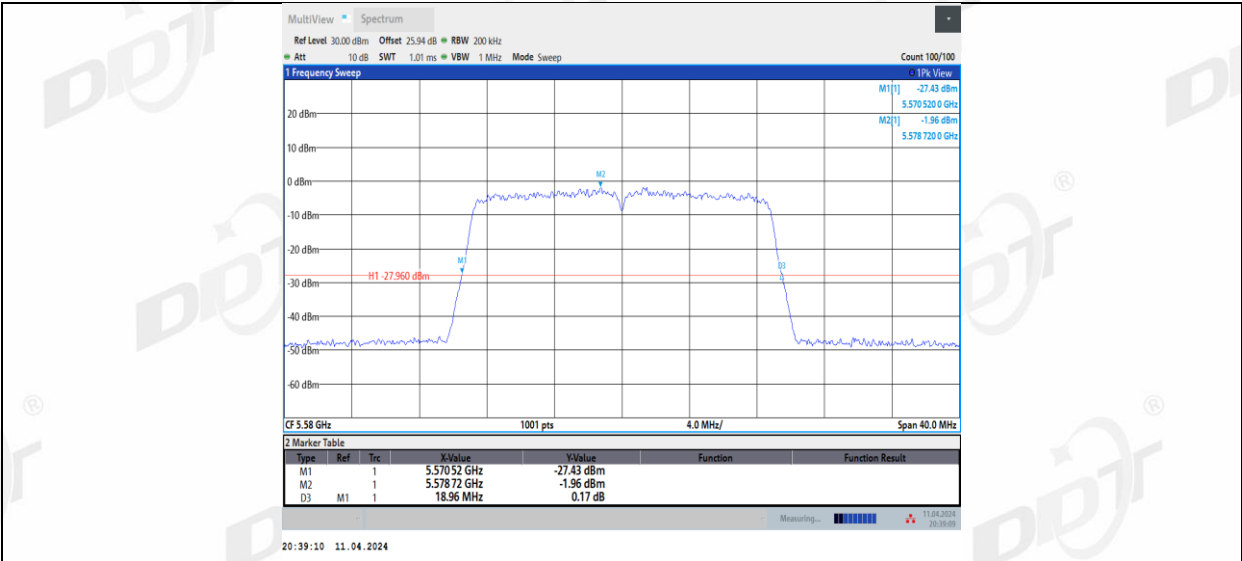
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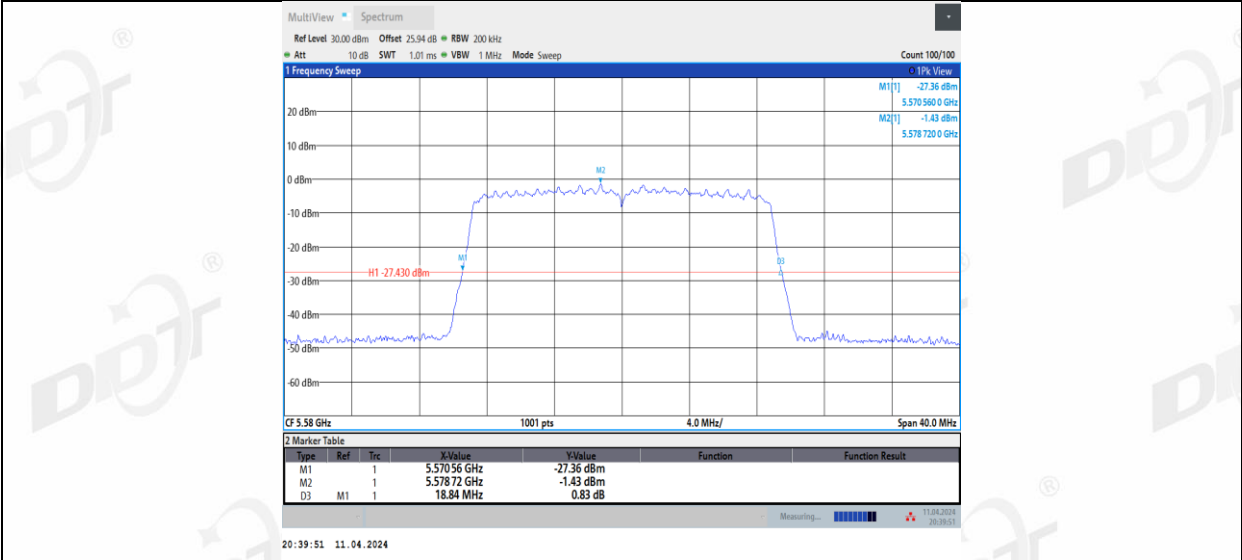
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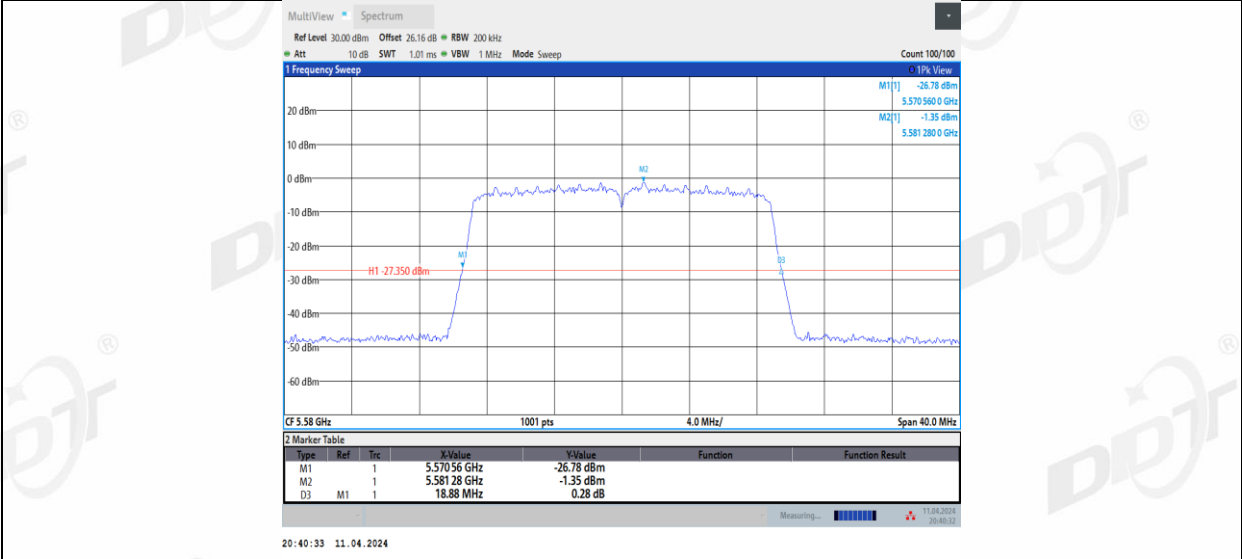




11N20MIMO_Ant2_5580



11N20MIMO_Ant3_5580



11N20MIMO_Ant1_5700





