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Test Report

Report No.: CQASZ20260600010EX-03
Applicant: Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Equipment Under Test (EUT):
Product: Smart Interactive terminal
Model No.: F951A
Test Model No.: F951A
Brand Name: SUNMI
FCC ID: 2AH25F951A
Standards: 47 CFR Part 15, Subpart E
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Date of Receipt: April 29, 2026
Date of Test: May 18, 2026 to September 08, 2026
Date of Issue: September 09, 2026
Test Result: **PASS***

*In the configuration tested, the EUT complied with the standards specified above.

Tested By: Azir Wang
(Azir Wang)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



1 Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260600010EX-03	Rev.01	Initial report	September 09, 2026

2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart E Section 15.207	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
Maximum Conducted Output Power	47 CFR Part 15 Subpart E Section 15.407 (a)	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
Emission Bandwidth	47 CFR Part 15 Subpart E Section 15.407 (a)(e)	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
Maximum Power Spectral Density	47 CFR Part 15 Subpart E Section 15.407 (a)	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
Band Edge Measurements	47 CFR Part 15 Subpart E Section 15.209 & 15.407(b)	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS
Operation in the absence of information to the transmit	47 CFR Part 15 Subpart E Section 15.407 (c)	47 CFR Part 15 Subpart E	PASS
Radiated Spurious Emissions	47 CFR Part 15 Subpart E Section 15.407 (b)	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024; KDB789033	PASS

Remark:

The tested sample(s) and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application

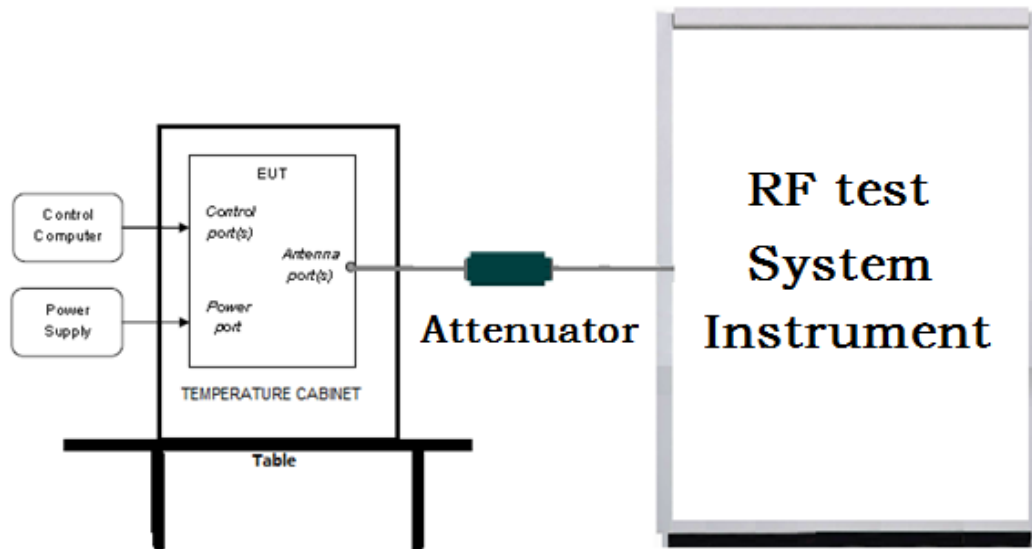
3 Content

	Page
1 VERSION	2
2 TEST SUMMARY	3
3 CONTENT	4
4 TEST REQUIREMENT	5
4.1 TEST SETUP	5
4.1.1 For Conducted test setup	5
4.1.2 For Radiated Emissions test setup	5
4.1.3 For Conducted Emissions test setup	6
4.2 TEST ENVIRONMENT	6
4.3 TEST CONDITION	6
5 GENERAL INFORMATION	9
5.1 CLIENT INFORMATION	9
5.2 GENERAL DESCRIPTION OF EUT	9
5.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD	10
5.4 DESCRIPTION OF SUPPORT UNITS	11
5.5 TEST CONFIGURATION	12
5.6 TEST LOCATION	12
5.7 TEST FACILITY	12
5.8 DEVIATION FROM STANDARDS	12
5.9 ABNORMALITIES FROM STANDARD CONDITIONS	12
5.10 OTHER INFORMATION REQUESTED BY THE CUSTOMER	12
5.11 MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	12
6 EQUIPMENT LIST	14
7 RADIO TECHNICAL REQUIREMENTS SPECIFICATION	15
Appendix A): Emission Bandwidth	16
Appendix B): Maximum Conduct Output Power	56
Appendix C): Maximum Power Spectral Density	123
Appendix D): Antenna Requirement	155
Appendix E): Operation in the absence of information to the transmit	156
Appendix F): AC Power Line Conducted Emission	157
Appendix G): Restricted bands around fundamental frequency and Band Edge(Radiated Emission)	160
Appendix H): Radiated Spurious Emissions	194

4 Test Requirement

4.1 Test setup

4.1.1 For Conducted test setup



4.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

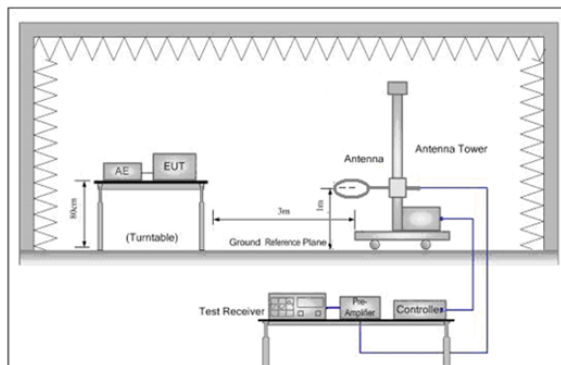


Figure 1. Below 30MHz

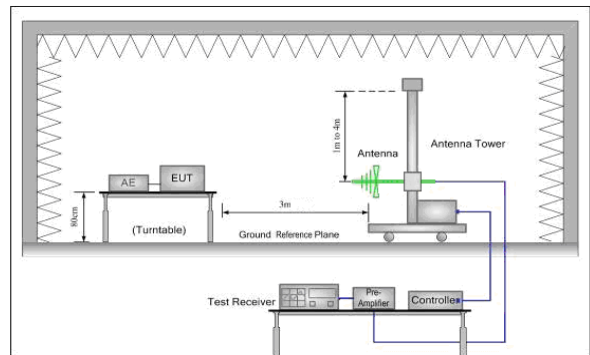


Figure 2. 30MHz to 1GHz

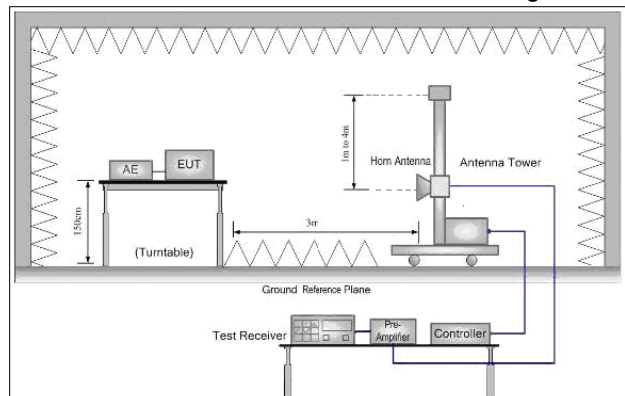
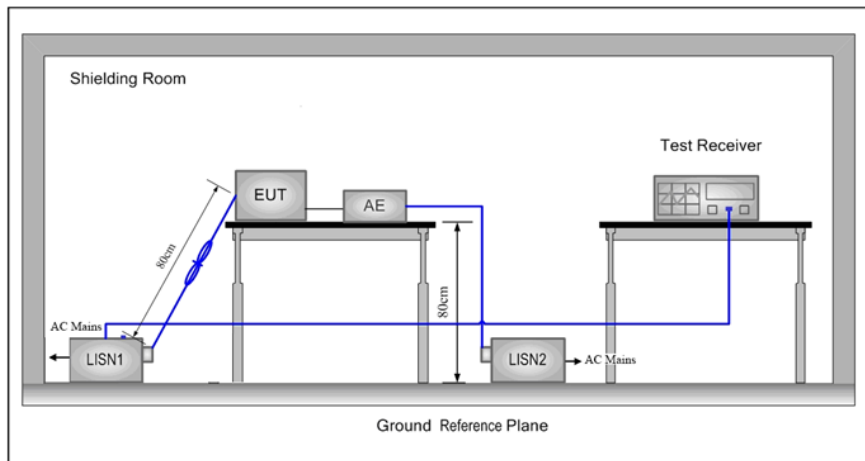


Figure 3. Above 1GHz

4.1.3 For Conducted Emissions test setup

Conducted Emissions setup



4.2 Test Environment

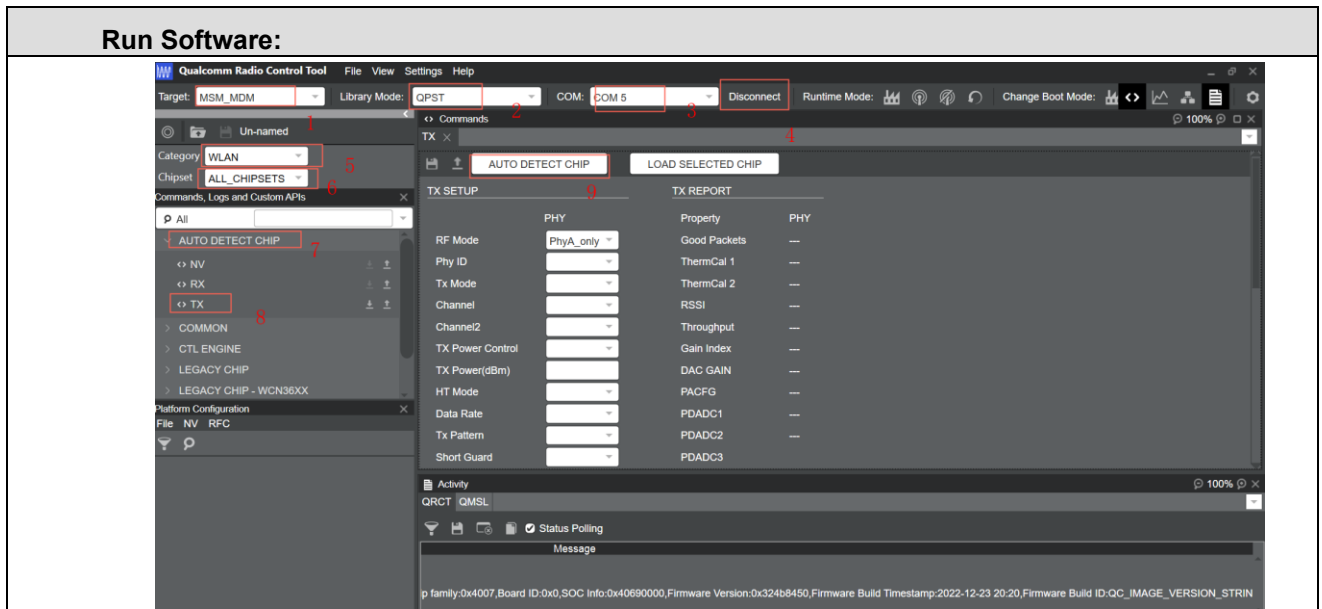
Operating Environment:	
Conducted Emissions:	
Temperature:	25.6 °C
Humidity:	60 % RH
Atmospheric Pressure:	1009 mbar
Radiated Emissions:	
Temperature:	25.5 °C
Humidity:	54 % RH
Atmospheric Pressure:	1009mbar
Radio conducted item test (RF Conducted test room):	
Temperature:	25.3 °C
Humidity:	50 % RH
Atmospheric Pressure:	1009 mbar
Remark:	

4.3 Test Condition

Test channel:

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(M)	High(H)
802.11a/n/ac(20M)	5150MHz ~5250 MHz	Channel 36	Channel 40	Channel 48
		5180MHz	5200MHz	5240MHz
802.11n/ac(40M)	5150MHz ~5250 MHz	Channel 38	N/A	Channel 46
		5190MHz	N/A	5230MHz
802.11/ac(80M)	5150MHz ~5250 MHz	N/A	Channel 42	N/A
		N/A	5210MHz	N/A
802.11a/n/ac(20M)	5250MHz ~5350 MHz	Channel 52	Channel 56	Channel 64

		5260MHz	5280MHz	5320MHz
802.11n/ac(40M)	5250MHz ~5350 MHz	Channel 54	N/A	Channel 62
		5270MHz	N/A	5310MHz
802.11/ac(80M)	5250MHz ~5350 MHz	N/A	Channel 58	N/A
		N/A	5290MHz	N/A
802.11a/n/ac(20M)	5470MHz ~5725 MHz	Channel 100	Channel 120	Channel 140
		5500MHz	5600MHz	5700MHz
802.11n/ac(40M)	5470MHz ~5725 MHz	Channel 102	Channel 118	Channel 134
		5510MHz	5590MHz	5670MHz
802.11/ac(80M)	5470MHz ~5725 MHz	Channel 106	N/A	Channel 122
		5530MHz	N/A	5610MHz
802.11a/n/ac(20M)	5725MHz ~5850 MHz	Channel 149	Channel 157	Channel 165
		5745MHz	5785MHz	5825MHz
802.11n/ac(40M)	5725MHz ~5850 MHz	Channel 151	N/A	Channel 159
		5755MHz	N/A	5795MHz
802.11/ac(80M)	5725MHz ~5850 MHz	N/A	Channel 155	N/A
		N/A	5775MHz	N/A



Test mode:

Pre-scan under all rate at lowest channel for Ant1

Through Pre-scan, 6Mbps is the worst case of 802.11a (20M); MCS0 is the worst case of 802.11n (20M); MCS0 is the worst case of 802.11ac (20M); MCS0 is the worst case of 802.11n(40M); MCS0 is the worst case of 802.11ac (40M); MCS0 is the worst case of 802.11ac (80M)

5 General Information

5.1 Client Information

Applicant:	Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Manufacturer:	Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Factory:	
Address of Factory:	

5.2 General Description of EUT

Product Name:	Smart Interactive terminal
Model No.:	F951A
Test Model No.:	F951A
Trade Mark:	SUNMI
Software Version:	V4.4.1
Hardware Version:	FLEX3 V1.0
EUT Power Supply:	Input of AC Adapter: AC 100-240V, 0.9A, 50-60Hz Output of AC Adapter/Input of EUT: DC 24V, 1.5A
EUT Supports Radios application:	U-NII-1: 5.15-5.25GHz; U-NII-2a: 5.25-5.35GHz U-NII-2c: 5.47-5.725GHz; U-NII-3: 5.725-5.850GHz
EUT Type:	Client devices

5.3 Product Specification subjective to this standard

Operation Frequency:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250 MHz IEEE802.11n/ac(40M): 5150MHz ~5250 MHz IEEE802.11ac(80M): 5150MHz ~5250 MHz IEEE 802.11a/n/ac(20M): 5250MHz ~5350 MHz IEEE802.11n/ac(40M): 5250MHz ~5350 MHz IEEE802.11ac(80M): 5250MHz ~5350 MHz IEEE 802.11a/n/ac(20M): 5470MHz ~5725 MHz IEEE802.11n/ac(40M): 5470MHz ~5725 MHz IEEE802.11ac(80M): 5470MHz ~5725 MHz IEEE 802.11a/n/ac(20M): 5725MHz ~5850 MHz IEEE802.11n/ac(40M): 5725MHz ~5850 MHz IEEE802.11ac(80M): 5725MHz ~5850 MHz
Channel Numbers:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250MHz/ 4 channel IEEE 802.11n/ac(40M): 5150MHz ~5250MHz/ 2 channel IEEE 802.11ac(80M): 5150MHz ~5250MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5250MHz ~5350MHz/ 4 channel IEEE 802.11n/ac(40M): 5250MHz ~5350MHz/ 2 channel IEEE 802.11ac(80M): 5250MHz ~5350MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5470MHz ~5725MHz/ 11 channel IEEE 802.11n/ac(40M): 5470MHz ~5725MHz/ 5 channel IEEE 802.11ac(80M): 5470MHz ~5725MHz/ 2 channel IEEE 802.11a/n/ac(20M): 5725MHz ~5850MHz/ 5 channel IEEE 802.11n/ac(40M): 5725MHz ~5850MHz/ 2 channel IEEE 802.11ac(80M): 5725MHz ~5850MHz/ 1 channel
Type of Modulation:	IEEE for 802.11a/n/ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK)
Sample Type:	☒ Mobile ☐ Portable
Test Software of EUT:	Qualcomm QRCT4
Antenna Type:	FPC antenna
Antenna gain:	5180-5320MHz: Max 1.7 dBi 5500-5825MHz: Max 1.9 dBi
Cable loss:	1.0 dB

Operation Frequency each of channel

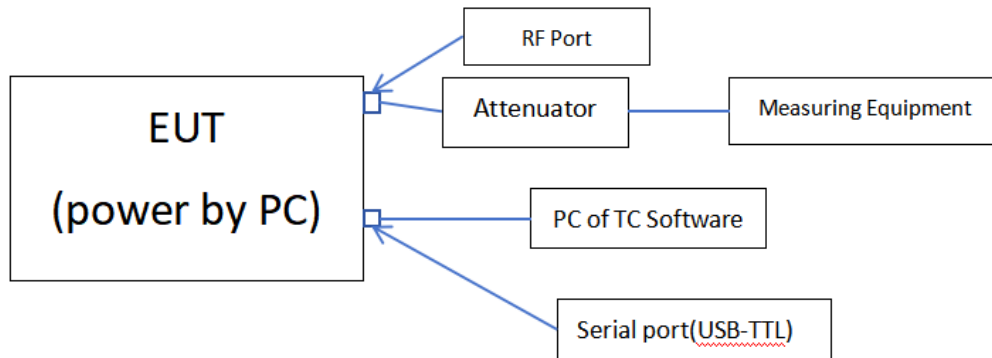
(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	36	5180	40	5200
	44	5220	48	5240
40MHz	38	5190	46	5230
80MHz	42	5210	/	/
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
80MHz	58	5290	/	/
(U-NII-2C) 5500MHz-5700MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	100	5500	104	5520
	108	5540	112	5560
	116	5580	132	5660
	136	5680	140	5700
40MHz	102	5510	110	5550
	134	5670	/	/
80MHz	106	5530	/	/
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825	/	/
40MHz	151	5755	159	5795
80MHz	165	5775	/	/

5.4 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.	Certification	Supplied by
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5.5 Test configuration



5.6 Test Location

All tests were performed at:

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD

102A, 102B, Building 2, Shanghenglang New Industrial Zone, Shanghenglang Community,
Dalang Street, Longhua District, Shenzhen, Guangdong, People's Republic of China, 518000

5.7 Test Facility

• A2LA (Certificate No. 4742.01)

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD, Shenzhen EMC Laboratory is accredited by the

American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

• FCC Registration No.: 522263

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD, Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.:522263

5.8 Deviation from Standards

None.

5.9 Abnormalities from Standard Conditions

None.

5.10 Other Information Requested by the Customer

None.

5.11 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	3×10^{-8}
2	RF power, conducted	0.86dB
3	Radiated Spurious emission test	5.12dB (Below 1GHz)
		4.6dB (Above 1GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)

5	Temperature test	0.8°C
6	Humidity test	2.0%
7	DC power voltages	0.5%

6 Equipment List

Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2024/9/2	2025/9/1
Spectrum analyzer	R&S	FSU26	CQA-038	2024/9/2	2025/9/1
Spectrum analyzer	R&S	FSU40	CQA-075	2024/9/2	2025/9/1
Preamplifier	MITEQ	AFS4-00010300-18-10P-4	CQA-035	2024/9/2	2025/9/1
Preamplifier	MITEQ	AMF-6D-02001800-29-20P	CQA-036	2024/9/2	2025/9/1
Preamplifier	EMCI	EMC184055SE	CQA-089	2024/9/2	2025/9/1
Loop antenna	Schwarzbeck	FMZB1516	CQA-060	2023/9/8	2026/9/7
Bilog Antenna	R&S	HL562	CQA-011	2023/11/01	2026/10/31
Horn Antenna	R&S	HF906	CQA-012	2023/11/01	2026/10/31
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2023/9/7	2026/9/6
Coaxial Cable (Above 1GHz)	CQA	N/A	C007	2024/9/2	2025/9/1
Coaxial Cable (Below 1GHz)	CQA	N/A	C013	2024/9/2	2025/9/1
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2024/9/2	2025/9/1
Antenna Connector	CQA	RFC-01	CQA-080	2024/9/2	2025/9/1
Power Sensor	KEYSIGHT	U2021XA	CQA-30	2024/9/2	2025/9/1
N1918A Power Analysis Manager Power Panel	Agilent	N1918A	CQA-074	2024/9/2	2025/9/1
Power meter	R&S	NRVD	CQA-029	2024/9/2	2025/9/1
Power divider	MIDWEST	PWD-2533-02-SMA-79	CQA-067	2024/9/2	2025/9/1
EMI Test Receiver	R&S	ESR7	CQA-005	2024/9/2	2025/9/1
LISN	R&S	ENV216	CQA-003	2024/9/2	2025/9/1
Coaxial cable	CQA	N/A	CQA-C009	2024/9/2	2025/9/1
DC power	KEYSIGHT	E3631A	CQA-028	2024/9/2	2025/9/1

Test software:

	Manufacturer	Software brand	Software version
Radiated Emissions test software	Tonscend	JS1120-3	Version:8
Conducted Emissions test software	Audix	e3	Version:9
RF Conducted test software	Audix	e3	V3.5.39

7 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15E	Subpart C-Intentional Radiators
2	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	American National Standard for Testing Unlicensed Wireless Devices
3	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	Guidelines for compliance testing of unlicensed national information infrastructure (U-NII) device part 15, subpart E

Appendix A): Emission Bandwidth

26dB Emission bandwidth

Test Requirement: 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II C 1

6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart C 15.407 (e)

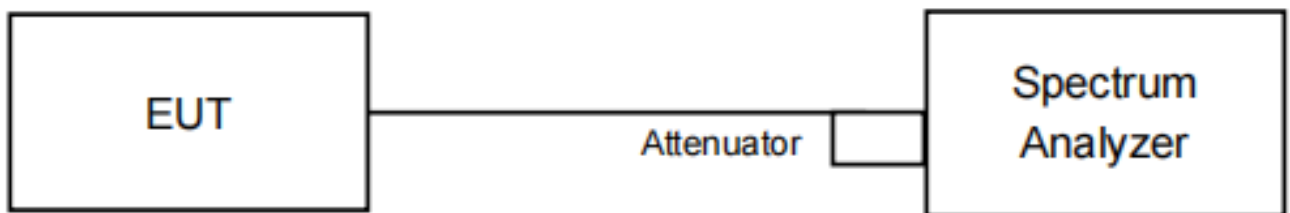
Test Method: KDB 789033 D02 II C 2

Limit: ≥ 500 kHz

Test Procedure:

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Test Setup Diagram

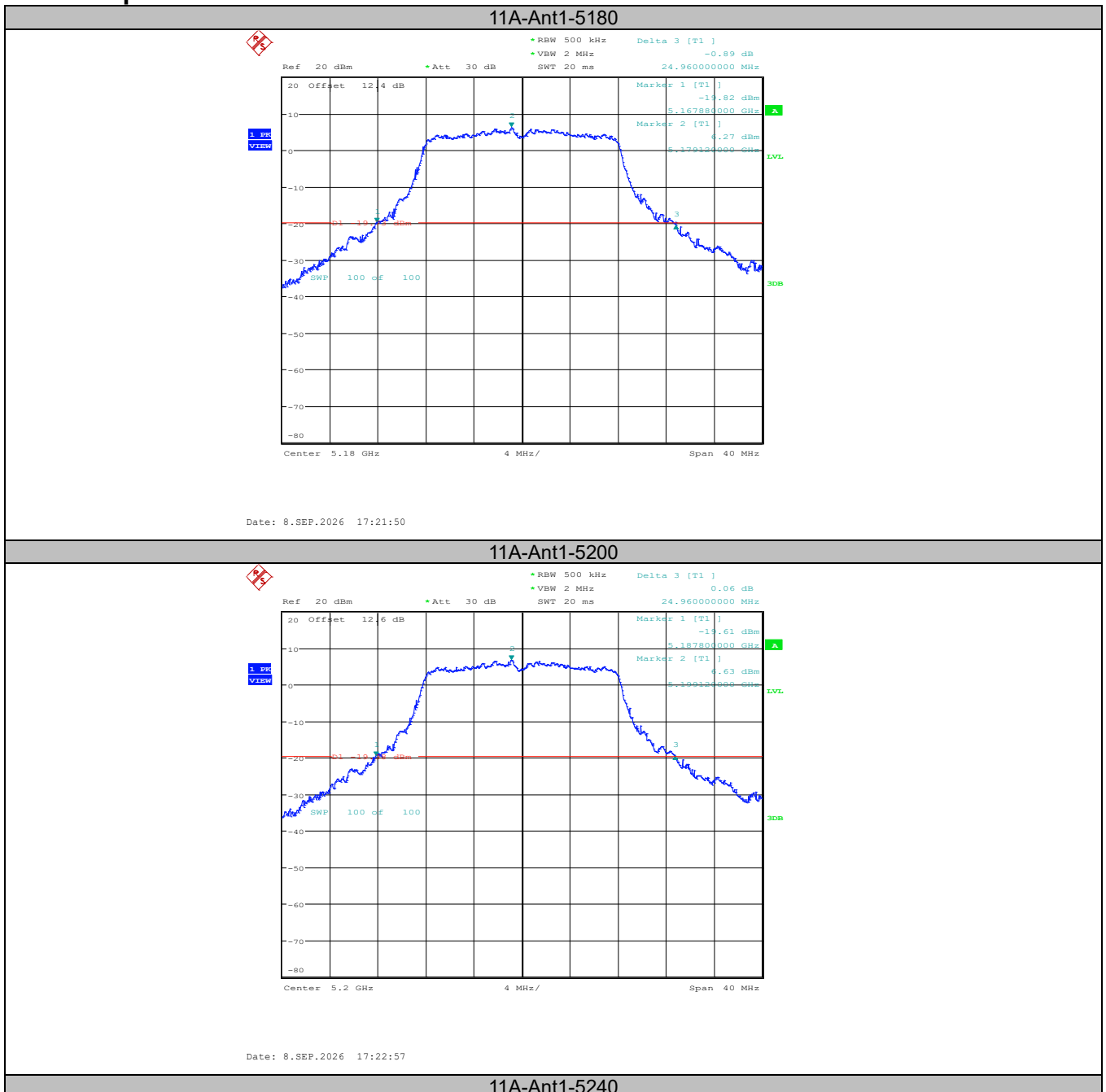


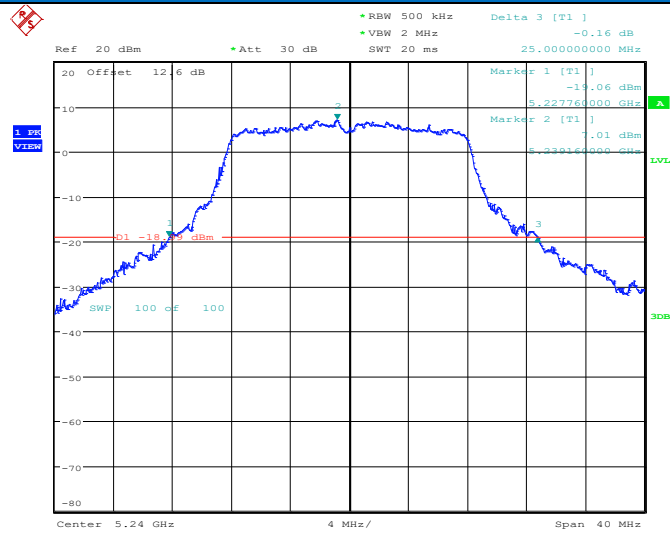
Result Table

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.96	5167.88	5192.84	---	---
11A	Ant1	5200	24.96	5187.80	5212.76	---	---
11A	Ant1	5240	25.00	5227.76	5252.76	---	---
11A	Ant1	5260	24.96	5247.76	5272.72	---	---
11A	Ant1	5280	25.24	5267.80	5293.04	---	---
11A	Ant1	5320	25.00	5307.72	5332.72	---	---
11A	Ant1	5500	25.28	5487.64	5512.92	---	---
11A	Ant1	5600	25.28	5587.60	5612.88	---	---
11A	Ant1	5700	25.32	5687.64	5712.96	---	---
11A	Ant1	5745	25.16	5732.68	5757.84	---	---
11A	Ant1	5785	25.48	5772.40	5797.88	---	---
11A	Ant1	5825	26.12	5811.84	5837.96	---	---
11N20SISO	Ant1	5180	24.88	5167.68	5192.56	---	---
11N20SISO	Ant1	5200	26.08	5187.08	5213.16	---	---
11N20SISO	Ant1	5240	26.12	5226.92	5253.04	---	---
11N20SISO	Ant1	5260	24.80	5247.72	5272.52	---	---
11N20SISO	Ant1	5280	25.44	5267.68	5293.12	---	---
11N20SISO	Ant1	5320	25.40	5307.08	5332.48	---	---
11N20SISO	Ant1	5500	27.04	5487.20	5514.24	---	---
11N20SISO	Ant1	5600	26.52	5586.64	5613.16	---	---
11N20SISO	Ant1	5700	25.92	5687.20	5713.12	---	---
11N20SISO	Ant1	5745	26.20	5731.96	5758.16	---	---
11N20SISO	Ant1	5785	27.08	5772.00	5799.08	---	---
11N20SISO	Ant1	5825	27.52	5811.80	5839.32	---	---
11N40SISO	Ant1	5190	42.00	5169.12	5211.12	---	---
11N40SISO	Ant1	5230	42.16	5208.96	5251.12	---	---
11N40SISO	Ant1	5270	42.24	5248.96	5291.20	---	---
11N40SISO	Ant1	5310	41.92	5288.96	5330.88	---	---
11N40SISO	Ant1	5510	42.08	5489.04	5531.12	---	---
11N40SISO	Ant1	5590	42.40	5568.72	5611.12	---	---
11N40SISO	Ant1	5670	42.08	5648.88	5690.96	---	---
11N40SISO	Ant1	5755	42.64	5733.64	5776.28	---	---
11N40SISO	Ant1	5795	42.08	5773.96	5816.04	---	---
11AC20SISO	Ant1	5180	25.60	5167.44	5193.04	---	---
11AC20SISO	Ant1	5200	26.68	5186.48	5213.16	---	---
11AC20SISO	Ant1	5240	25.44	5227.20	5252.64	---	---
11AC20SISO	Ant1	5260	25.24	5247.64	5272.88	---	---
11AC20SISO	Ant1	5280	25.72	5267.24	5292.96	---	---
11AC20SISO	Ant1	5320	25.72	5306.80	5332.52	---	---
11AC20SISO	Ant1	5500	26.08	5486.96	5513.04	---	---
11AC20SISO	Ant1	5600	26.36	5586.76	5613.12	---	---
11AC20SISO	Ant1	5700	25.84	5687.28	5713.12	---	---
11AC20SISO	Ant1	5745	24.76	5732.64	5757.40	---	---
11AC20SISO	Ant1	5785	24.88	5772.64	5797.52	---	---
11AC20SISO	Ant1	5825	25.00	5812.48	5837.48	---	---
11AC40SISO	Ant1	5190	42.08	5169.04	5211.12	---	---
11AC40SISO	Ant1	5230	42.24	5208.80	5251.04	---	---
11AC40SISO	Ant1	5270	42.16	5248.96	5291.12	---	---
11AC40SISO	Ant1	5310	42.08	5288.96	5331.04	---	---
11AC40SISO	Ant1	5510	42.40	5489.04	5531.44	---	---
11AC40SISO	Ant1	5590	42.16	5568.88	5611.04	---	---
11AC40SISO	Ant1	5670	42.24	5648.96	5691.20	---	---
11AC40SISO	Ant1	5755	42.08	5733.96	5776.04	---	---
11AC40SISO	Ant1	5795	42.08	5773.88	5815.96	---	---
11AC80SISO	Ant1	5210	86.72	5166.32	5253.04	---	---
11AC80SISO	Ant1	5290	85.60	5247.12	5332.72	---	---
11AC80SISO	Ant1	5530	85.76	5486.96	5572.72	---	---
11AC80SISO	Ant1	5610	86.56	5566.16	5652.72	---	---
11AC80SISO	Ant1	5775	86.40	5731.16	5817.56	---	---

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.68	5737.04	5752.72	0.5	PASS
11A	Ant1	5785	15.76	5777.08	5792.84	0.5	PASS
11A	Ant1	5825	15.44	5817.40	5832.84	0.5	PASS
11N20SISO	Ant1	5745	15.92	5737.40	5753.32	0.5	PASS
11N20SISO	Ant1	5785	16.28	5776.80	5793.08	0.5	PASS
11N20SISO	Ant1	5825	15.12	5817.40	5832.52	0.5	PASS
11N40SISO	Ant1	5755	35.44	5737.08	5772.52	0.5	PASS
11N40SISO	Ant1	5795	36.00	5777.08	5813.08	0.5	PASS
11AC20SISO	Ant1	5745	16.04	5737.04	5753.08	0.5	PASS
11AC20SISO	Ant1	5785	16.00	5776.80	5792.80	0.5	PASS
11AC20SISO	Ant1	5825	15.44	5817.04	5832.48	0.5	PASS
11AC40SISO	Ant1	5755	35.68	5736.84	5772.52	0.5	PASS
11AC40SISO	Ant1	5795	36.32	5776.76	5813.08	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

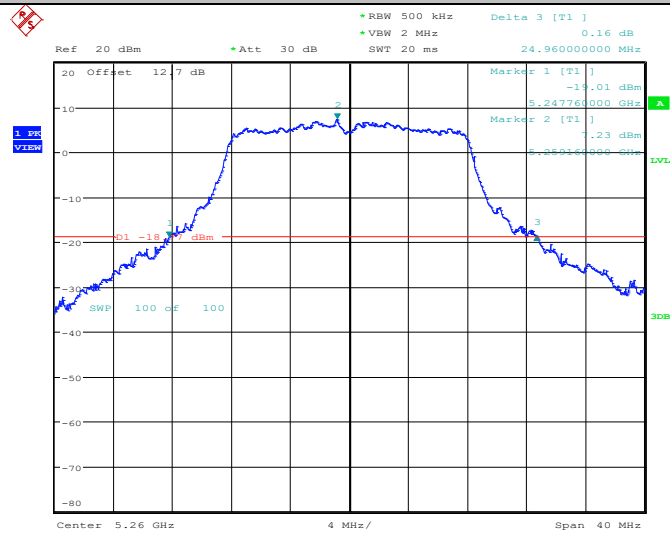
Test Graph





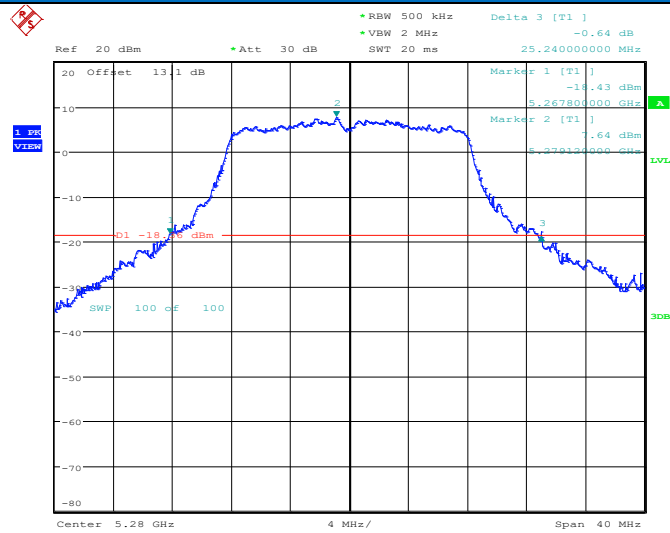
Date: 8.SEP.2026 17:23:46

11A-Ant1-5260



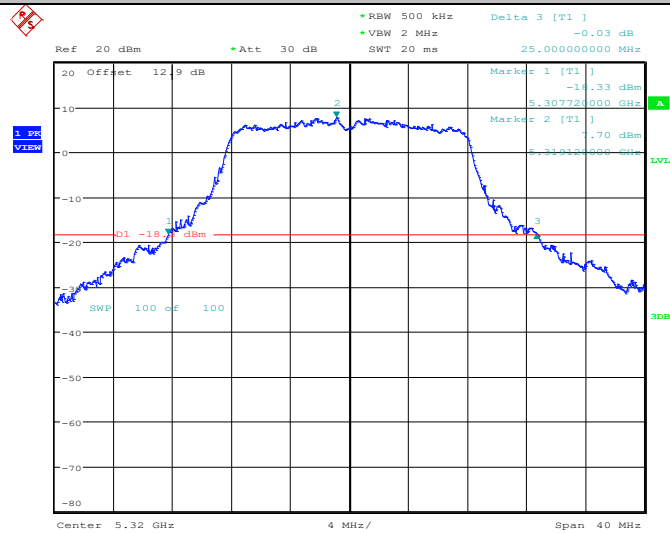
Date: 8.SEP.2026 17:24:26

11A-Ant1-5280



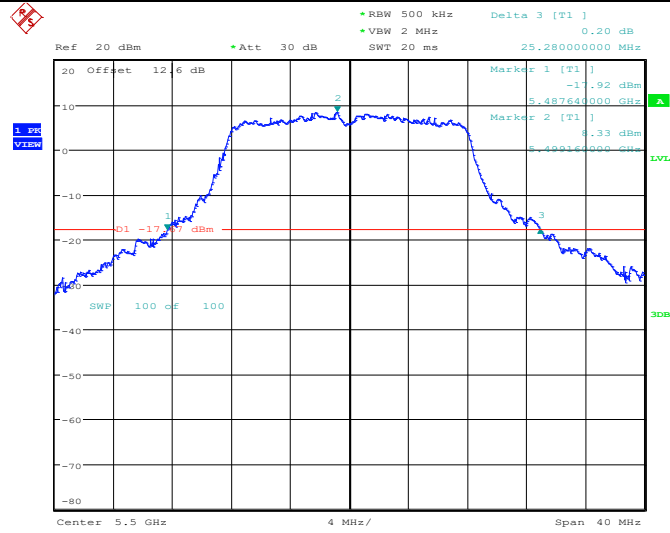
Date: 8.SEP.2026 17:25:15

11A-Ant1-5320



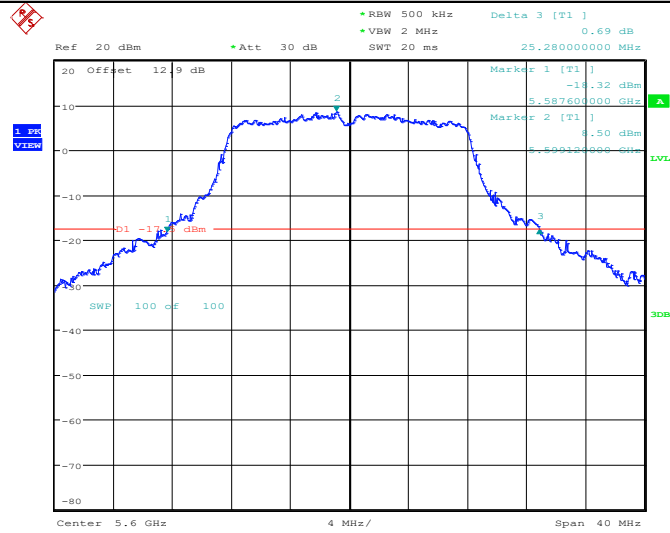
Date: 8.SEP.2026 17:25:44

11A-Ant1-5500



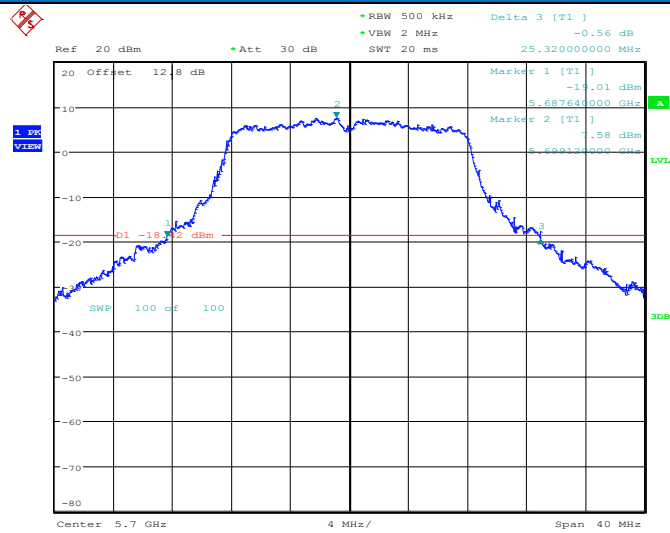
Date: 8.SEP.2026 17:26:08

11A-Ant1-5600



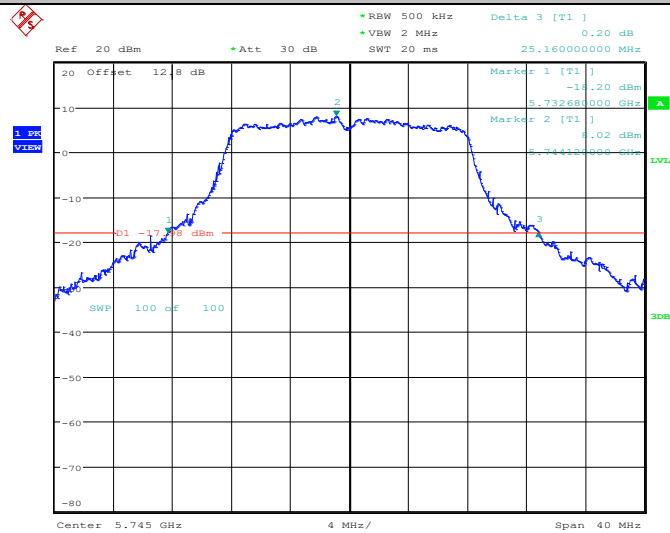
Date: 8.SEP.2026 17:26:39

11A-Ant1-5700



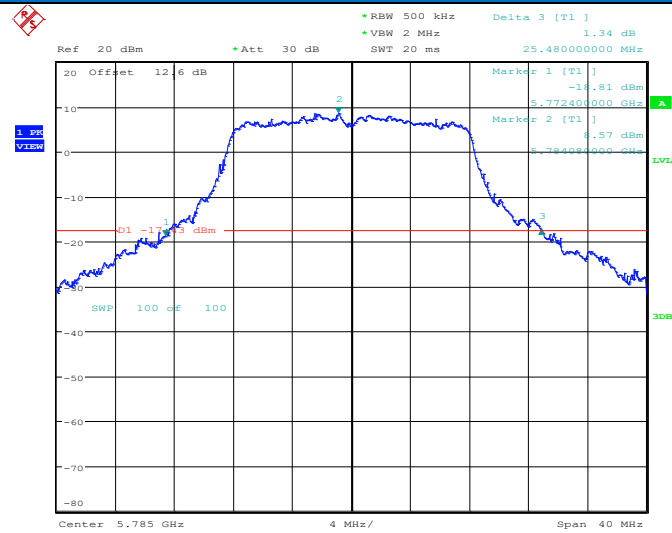
Date: 8.SEP.2026 17:27:09

11A-Ant1-5745



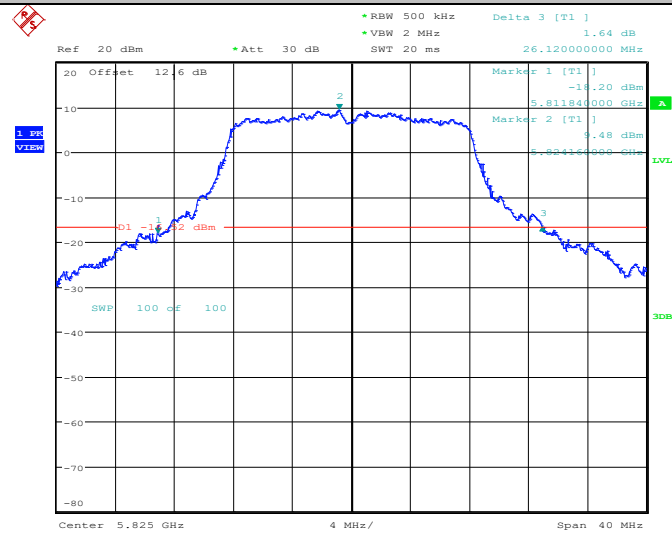
Date: 8.SEP.2026 17:27:59

11A-Ant1-5785



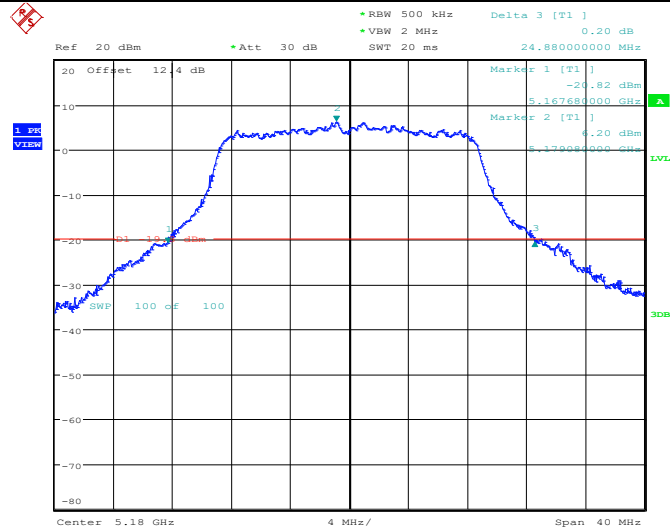
Date: 8.SEP.2026 17:28:25

11A-Ant1-5825



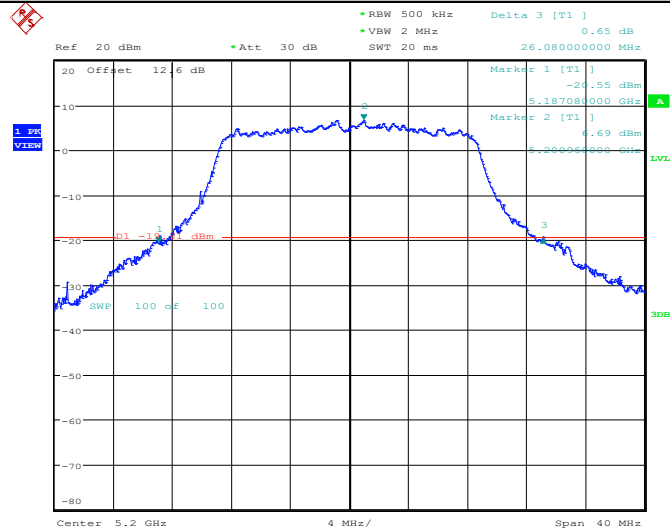
Date: 8.SEP.2026 17:28:51

11N20SISO-Ant1-5180



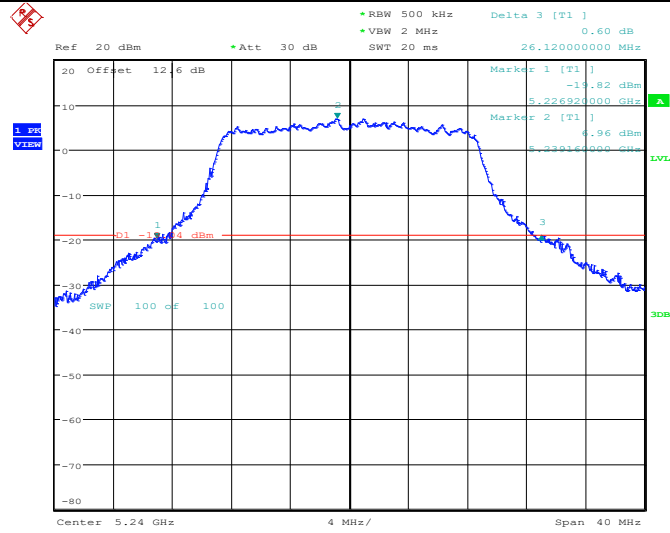
Date: 8.SEP.2026 17:29:31

11N20SISO-Ant1-5200



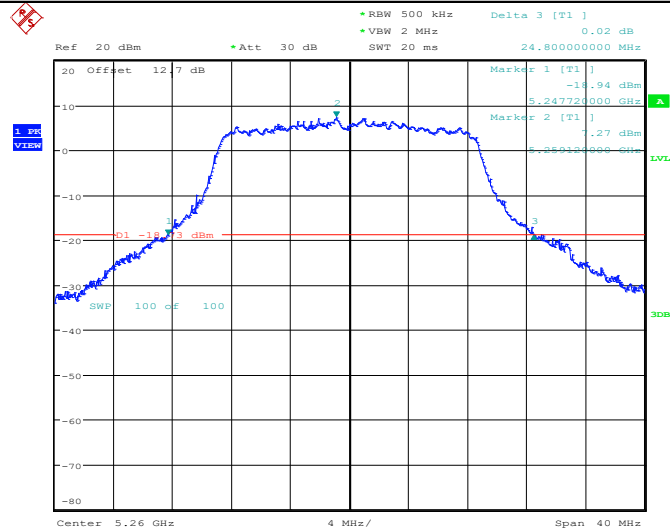
Date: 8.SEP.2026 17:30:13

11N20SISO-Ant1-5240



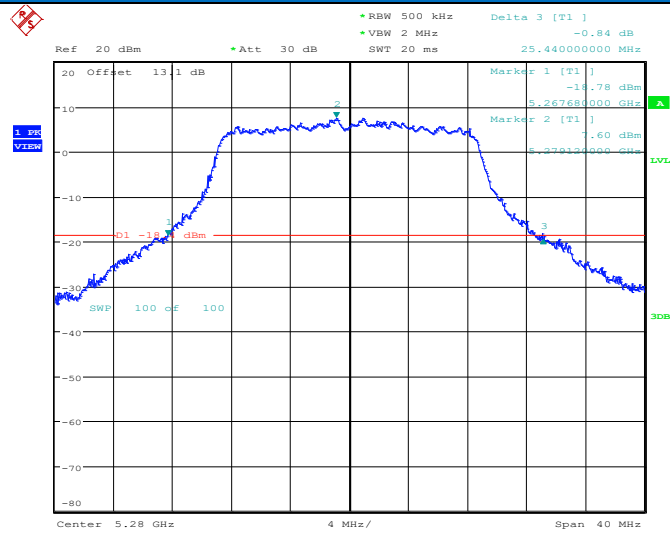
Date: 8.SEP.2026 17:30:46

11N20SISO-Ant1-5260



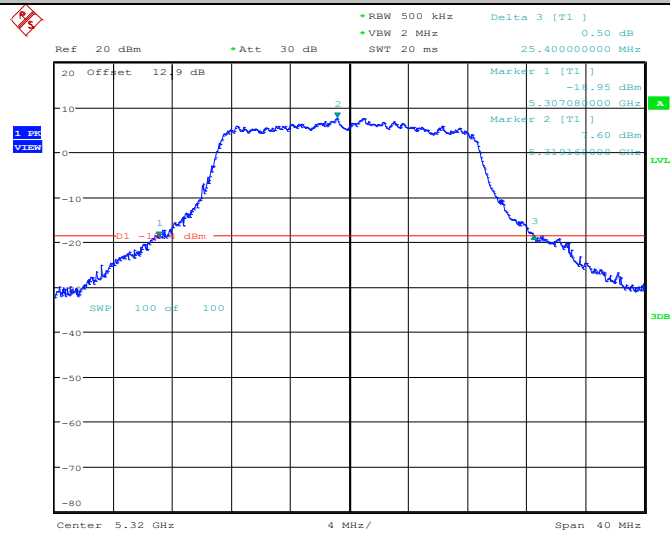
Date: 8.SEP.2026 17:31:15

11N20SISO-Ant1-5280



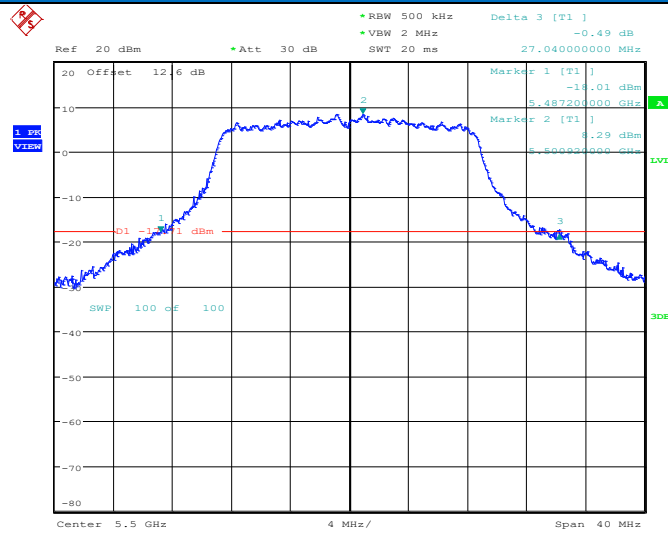
Date: 8.SEP.2026 17:31:42

11N20SISO-Ant1-5320



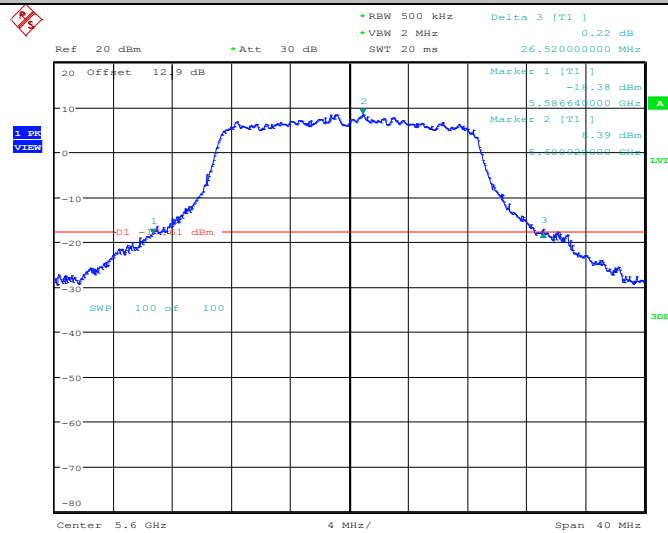
Date: 8.SEP.2026 17:33:11

11N20SISO-Ant1-5500



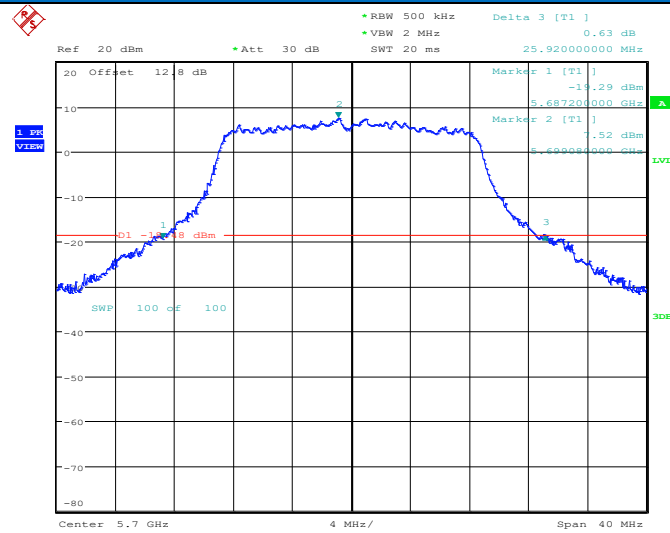
Date: 8.SEP.2026 17:33:47

11N20SISO-Ant1-5600



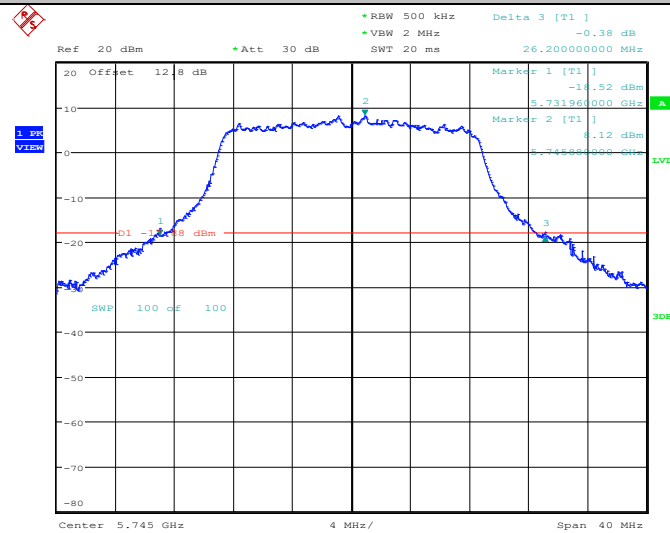
Date: 8.SEP.2026 17:35:53

11N20SISO-Ant1-5700



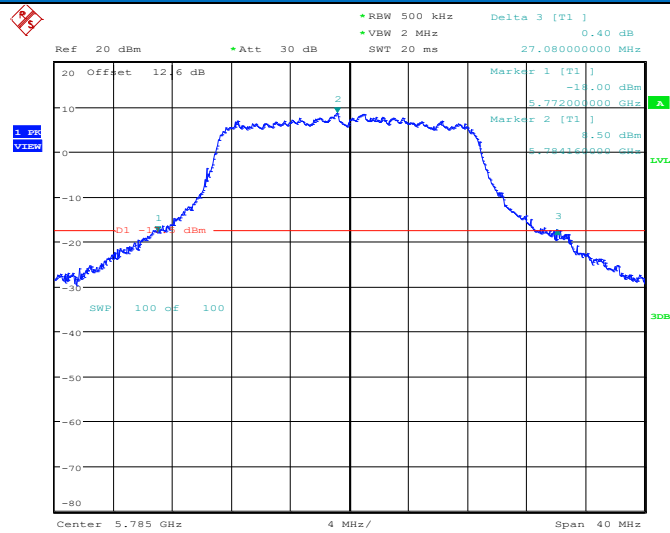
Date: 8.SEP.2026 17:36:49

11N20SISO-Ant1-5745



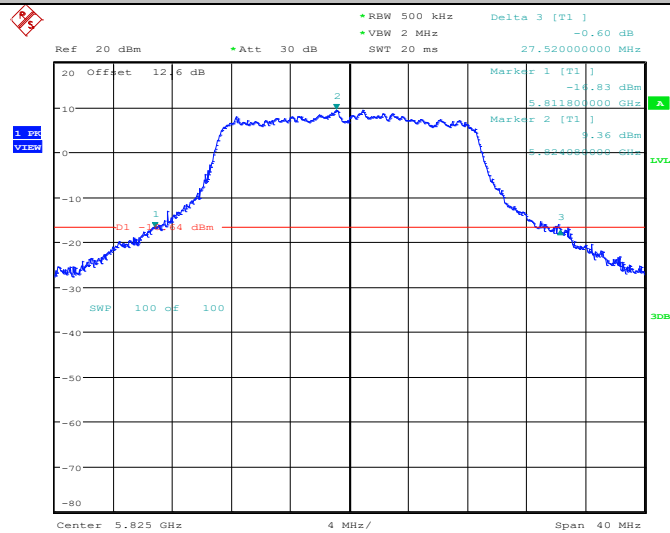
Date: 8.SEP.2026 17:37:54

11N20SISO-Ant1-5785



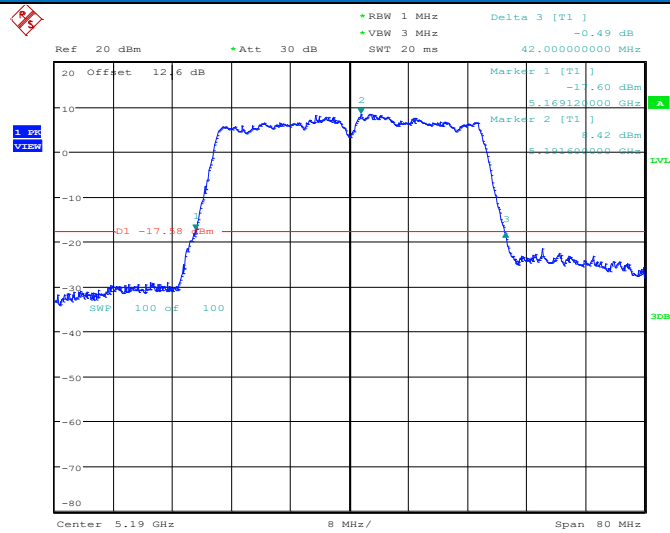
Date: 8.SEP.2026 17:39:12

11N20SISO-Ant1-5825



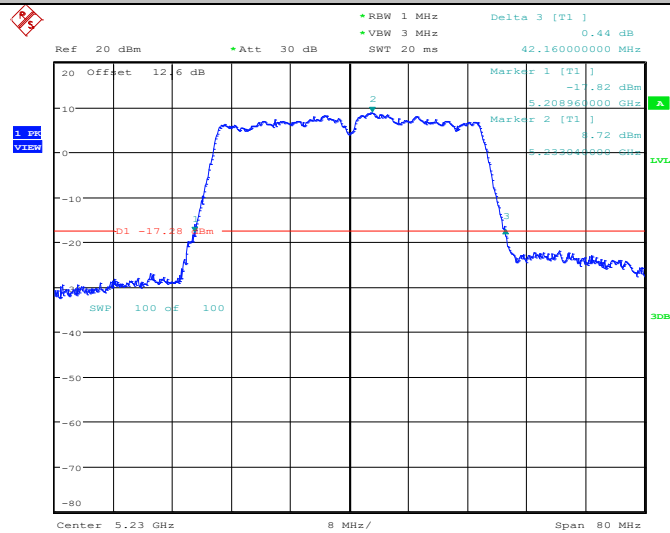
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11N40SISO-Ant1-5190



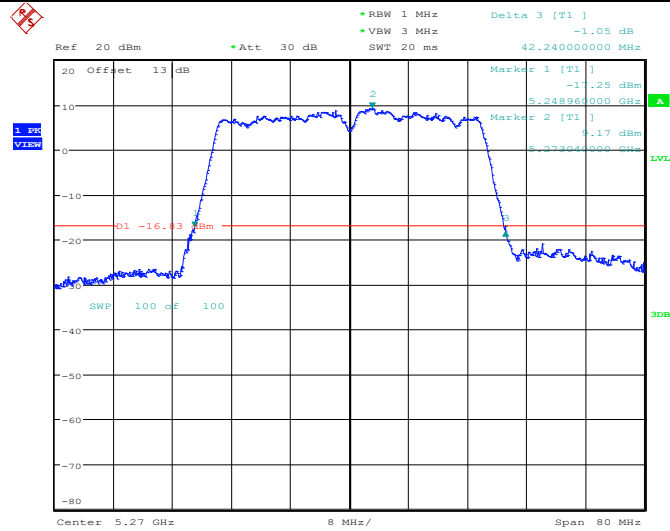
Date: 8.SEP.2026 17:40:30

11N40SISO-Ant1-5230



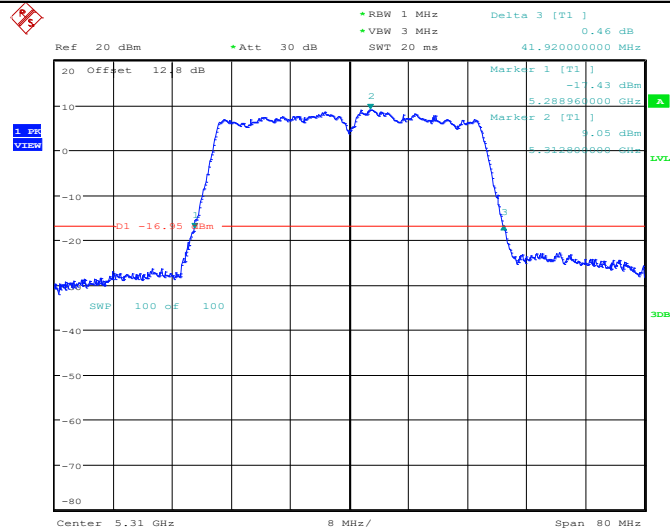
Date: 8.SEP.2026 17:41:51

11N40SISO-Ant1-5270



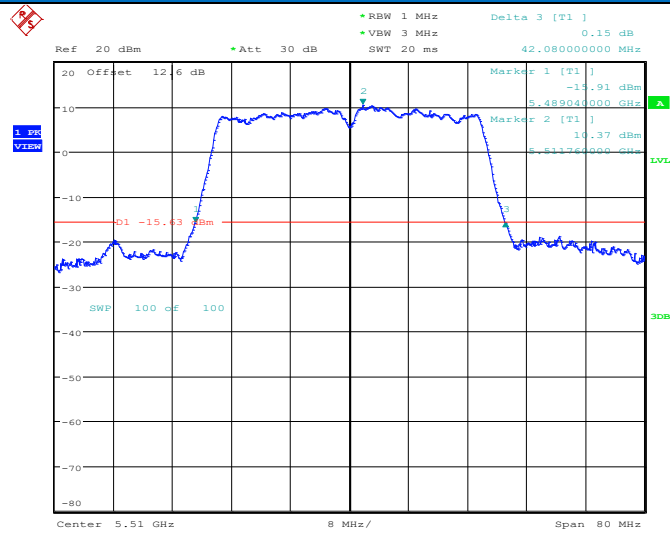
Date: 8.SEP.2026 17:42:38

11N40SISO-Ant1-5310



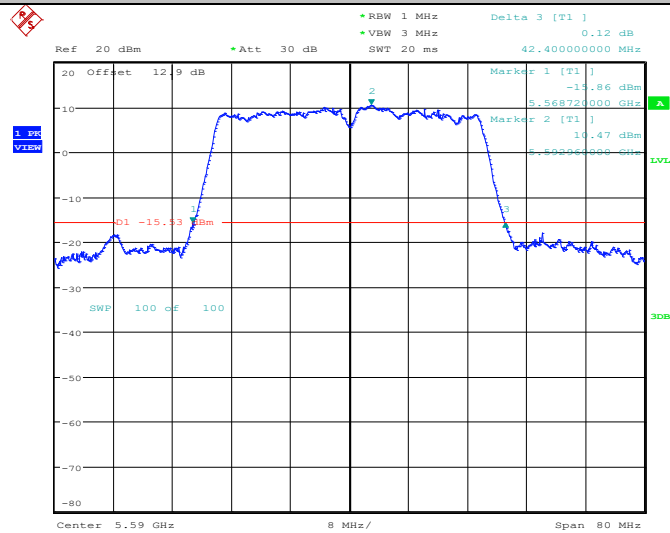
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11N40SISO-Ant1-5510



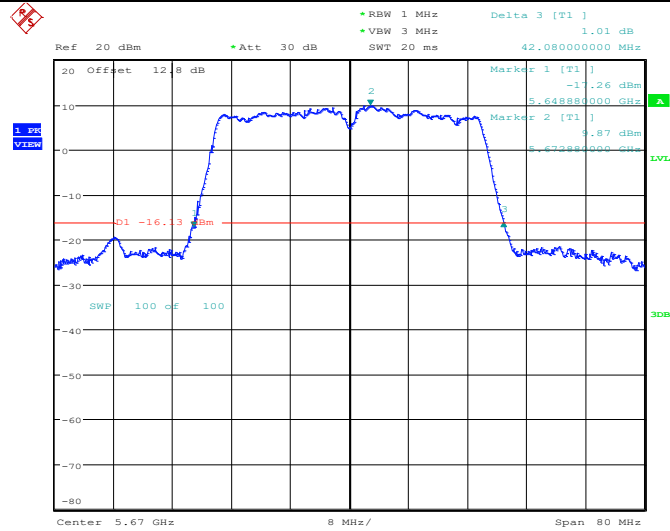
Date: 8.SEP.2026 17:44:08

11N40SISO-Ant1-5590



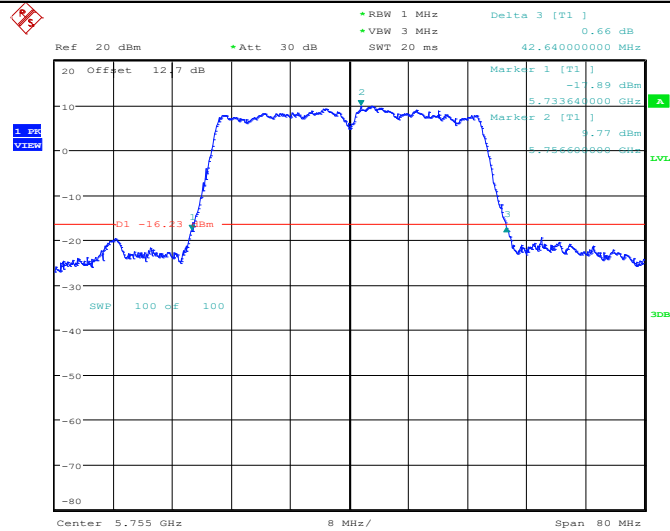
Date: 8.SEP.2026 17:44:46

11N40SISO-Ant1-5670



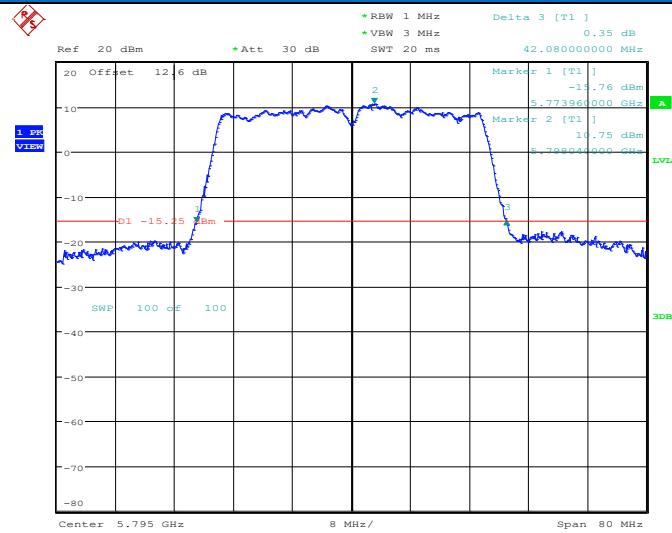
Date: 8.SEP.2026 17:46:39

11N40SISO-Ant1-5755



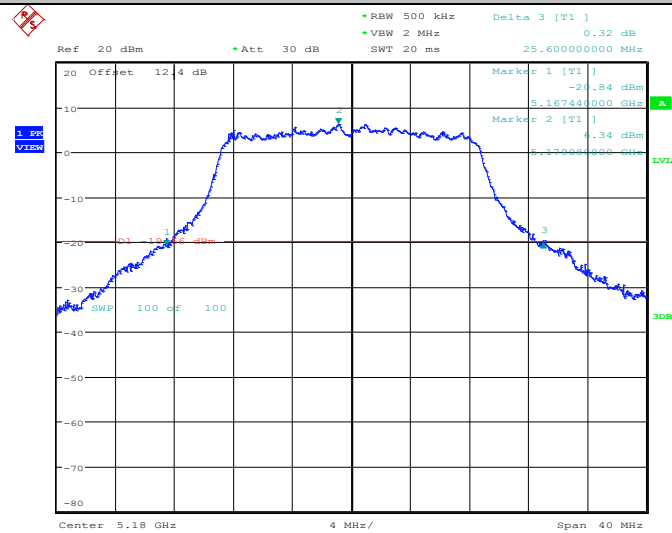
Date: 8.SEP.2026 17:47:49

11N40SISO-Ant1-5795



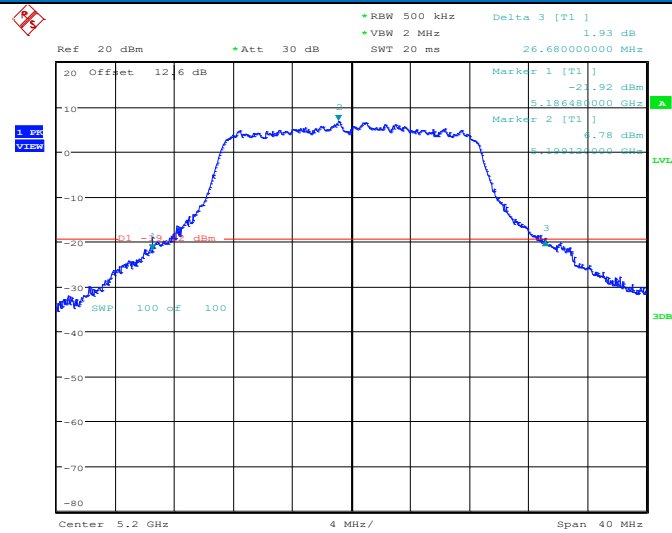
Date: 8.SEP.2026 17:48:17

11AC20SISO-Ant1-5180



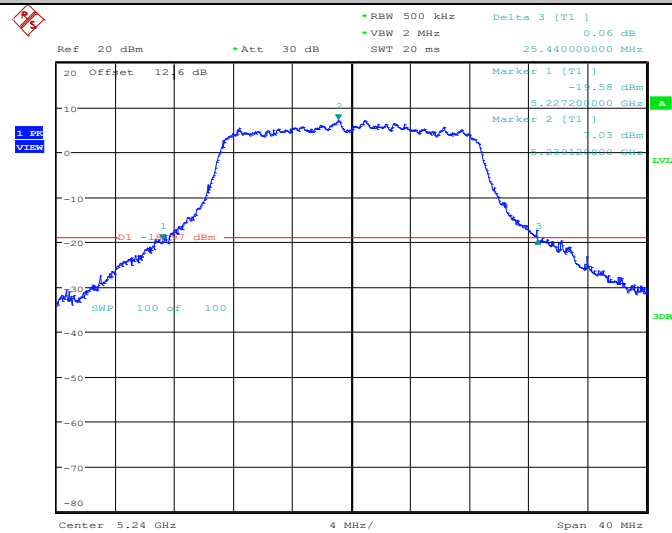
Date: 8.SEP.2026 17:49:50

11AC20SISO-Ant1-5200



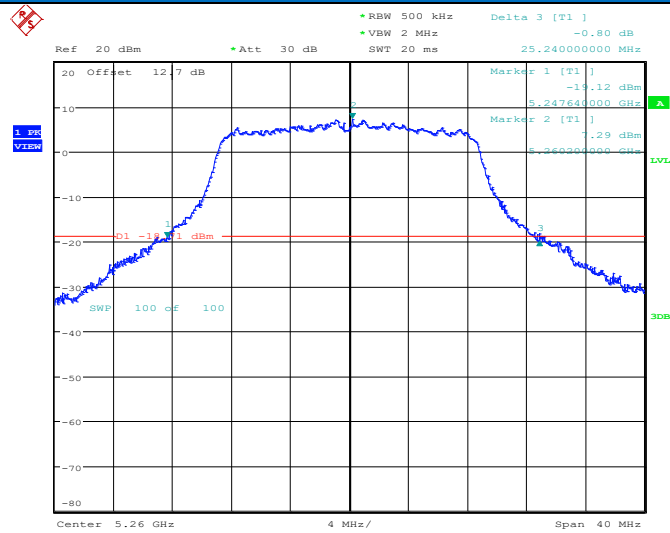
Date: 8.SEP.2026 17:52:03

11AC20SISO-Ant1-5240



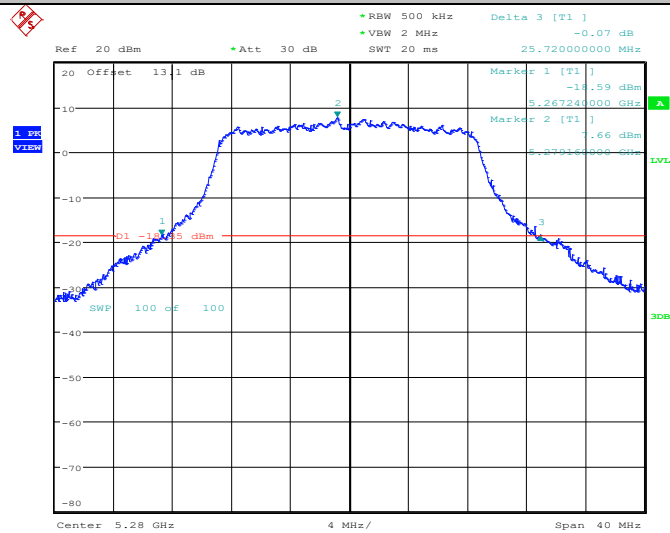
Date: 8.SEP.2026 17:52:29

11AC20SISO-Ant1-5260



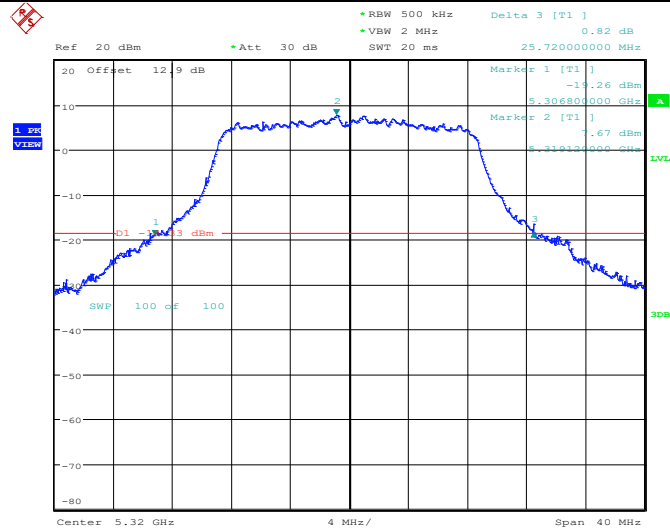
Date: 8.SEP.2026 17:54:03

11AC20SISO-Ant1-5280



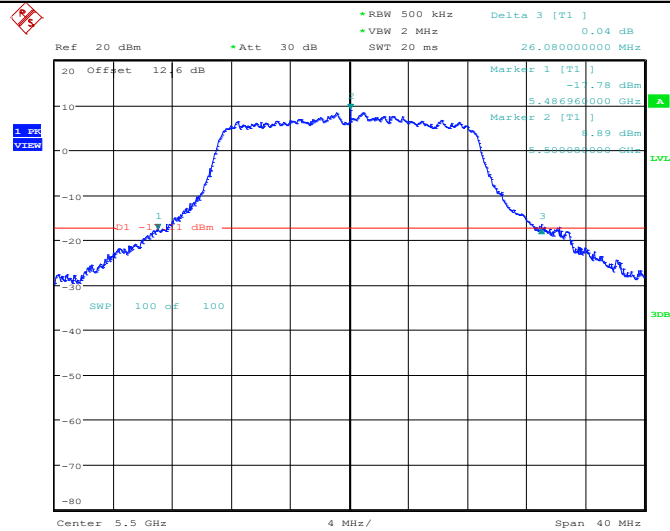
Date: 8.SEP.2026 17:55:47

11AC20SISO-Ant1-5320



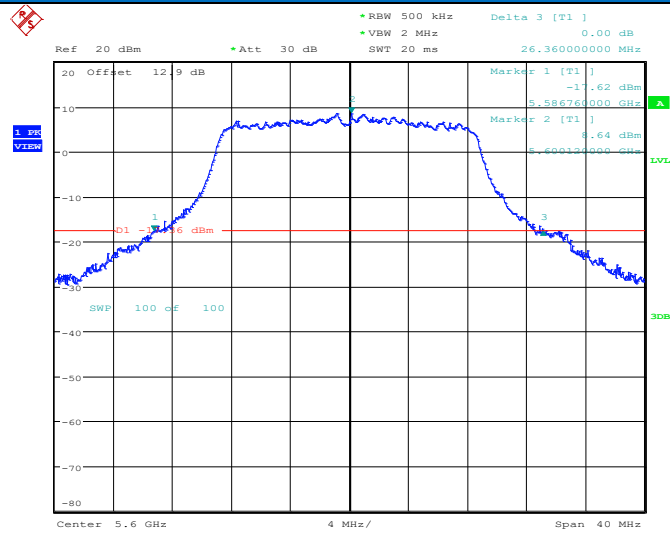
Date: 8.SEP.2026 17:56:13

11AC20SISO-Ant1-5500



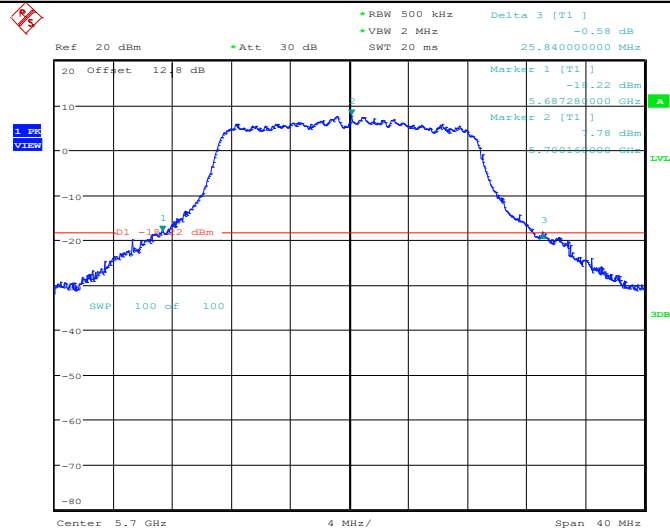
Date: 8.SEP.2026 17:56:39

11AC20SISO-Ant1-5600



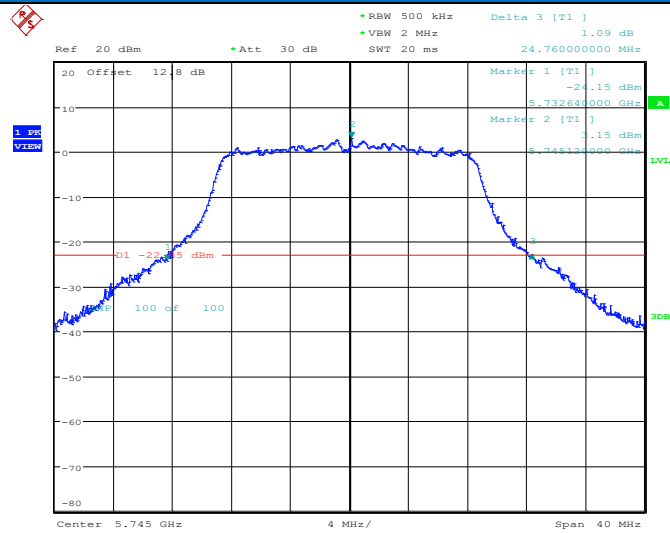
Date: 8.SEP.2026 17:57:07

11AC20SISO-Ant1-5700



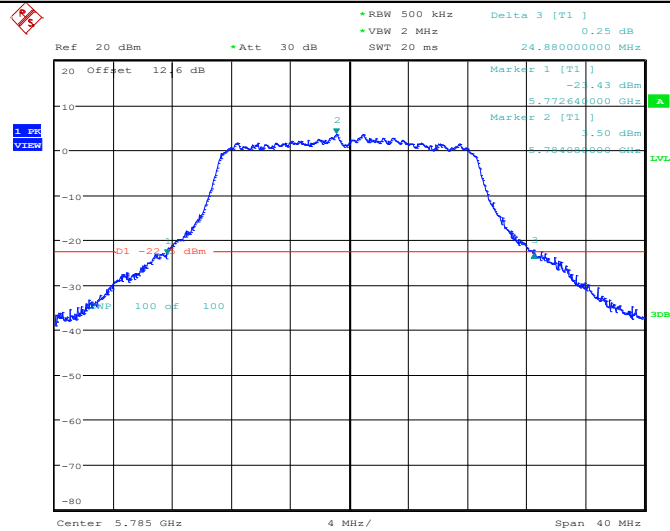
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11AC20SISO-Ant1-5745



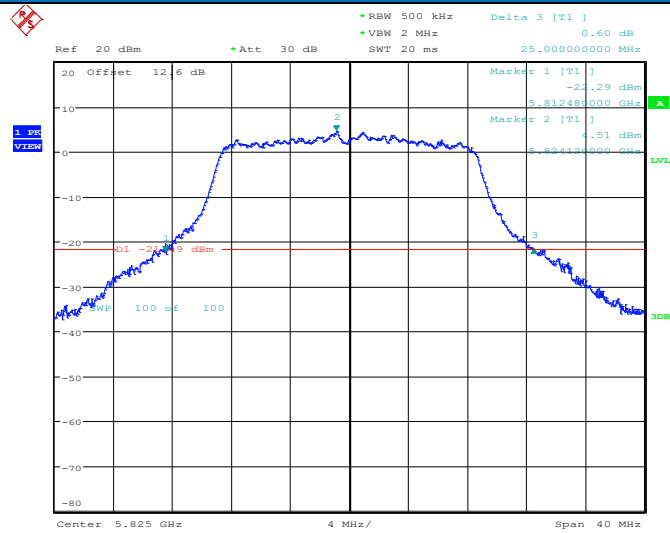
Date: 8.SEP.2026 17:59:37

11AC20SISO-Ant1-5785



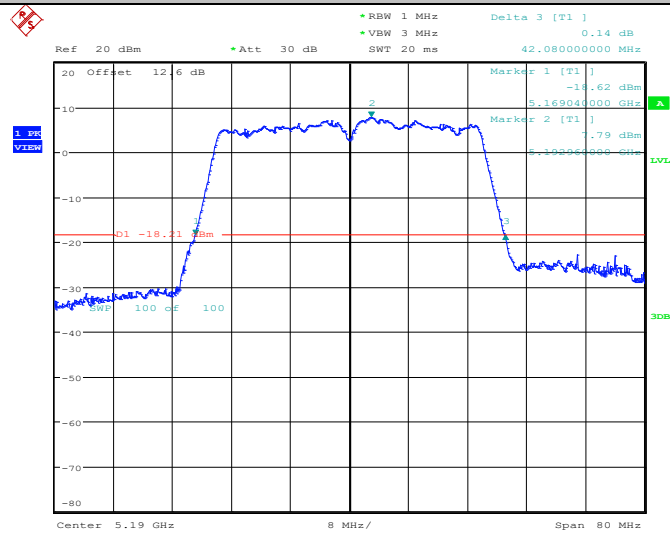
Date: 8.SEP.2026 18:00:02

11AC20SISO-Ant1-5825



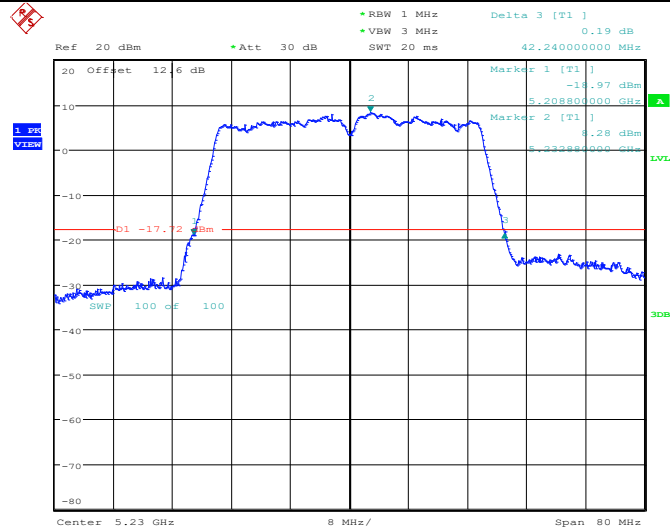
Date: 8.SEP.2026 18:00:22

11AC40SISO-Ant1-5190



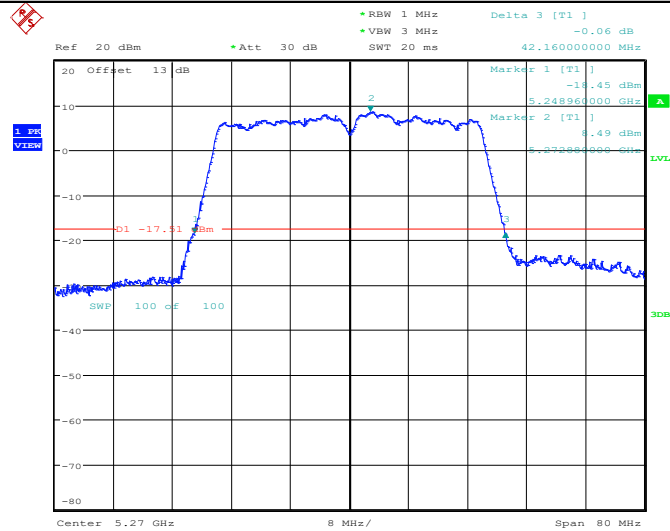
Date: 8.SEP.2026 18:01:02

11AC40SISO-Ant1-5230



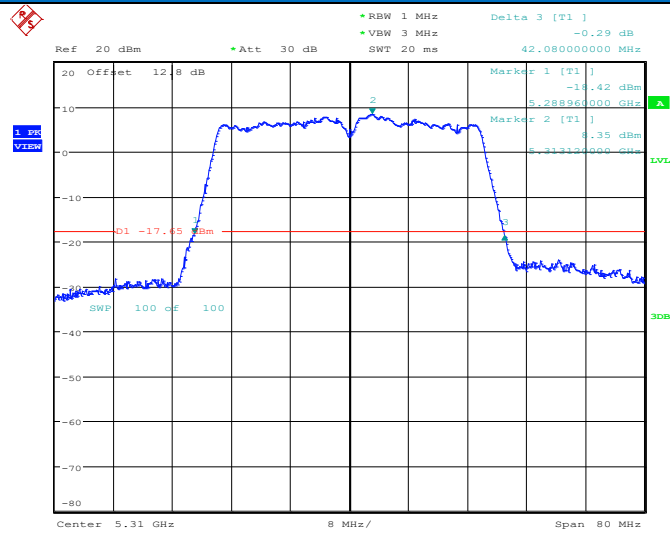
Date: 8.SEP.2026 18:01:31

11AC40SISO-Ant1-5270



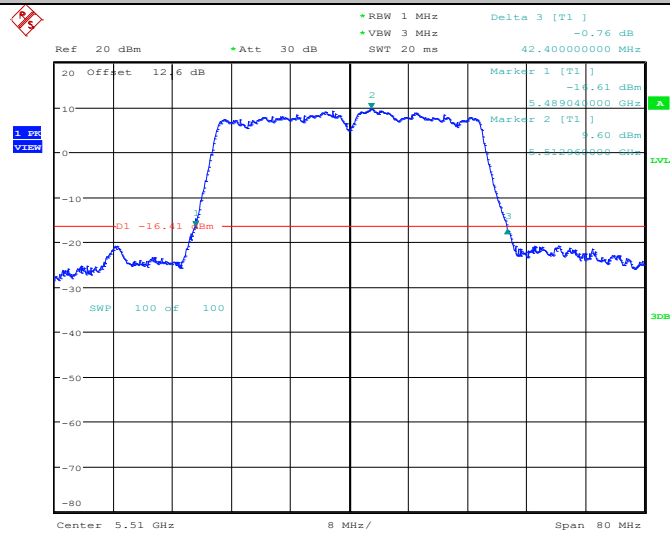
Date: 8.SEP.2026 18:01:55

11AC40SISO-Ant1-5310



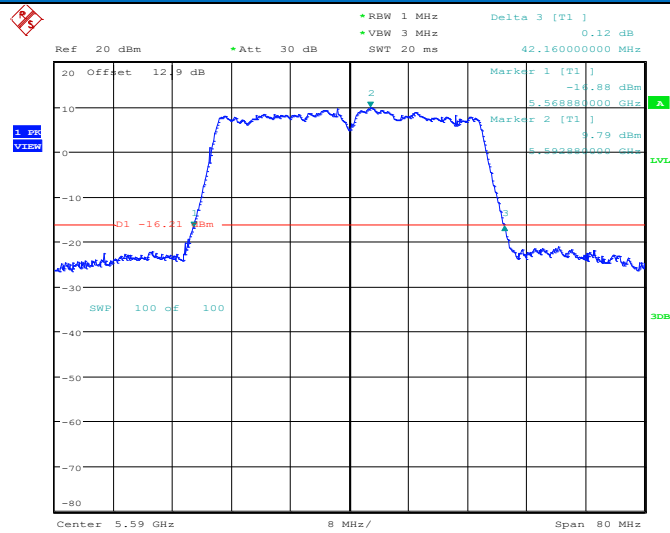
Date: 8.SEP.2026 18:02:41

11AC40SISO-Ant1-5510



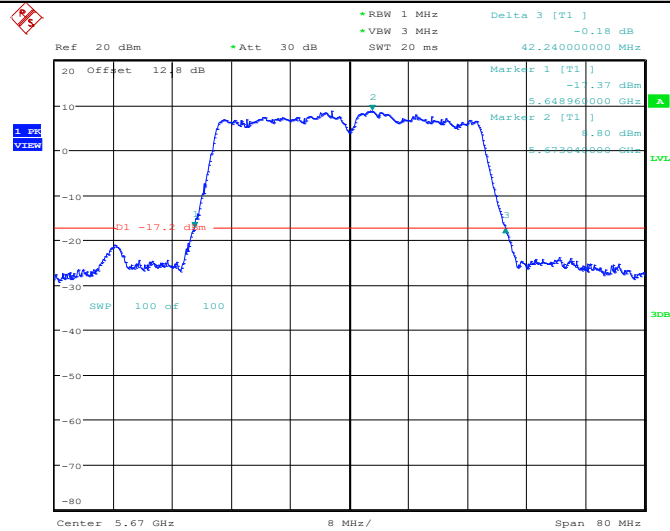
Date: 8.SEP.2026 18:03:04

11AC40SISO-Ant1-5590



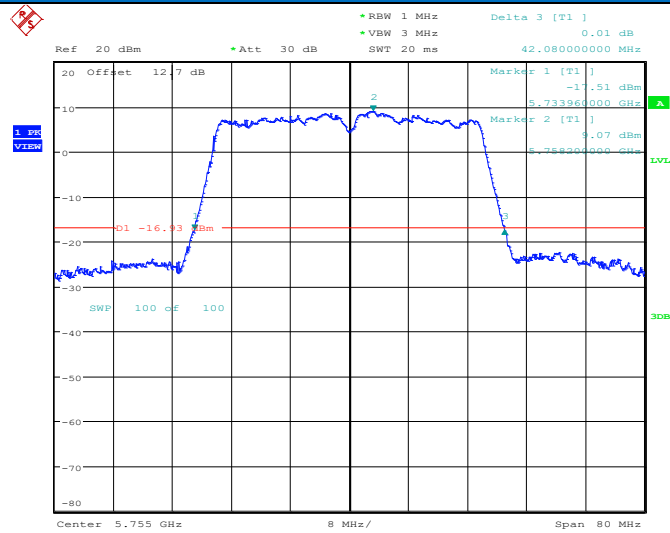
Date: 8.SEP.2026 18:03:30

11AC40SISO-Ant1-5670



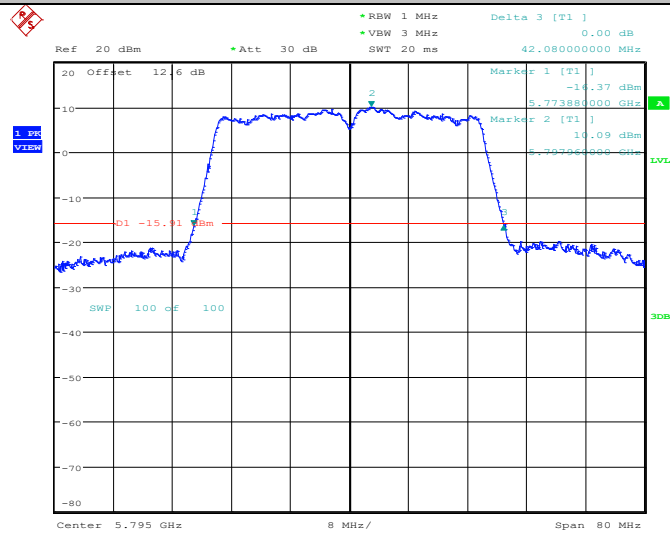
Date: 8.SEP.2026 18:03:55

11AC40SISO-Ant1-5755



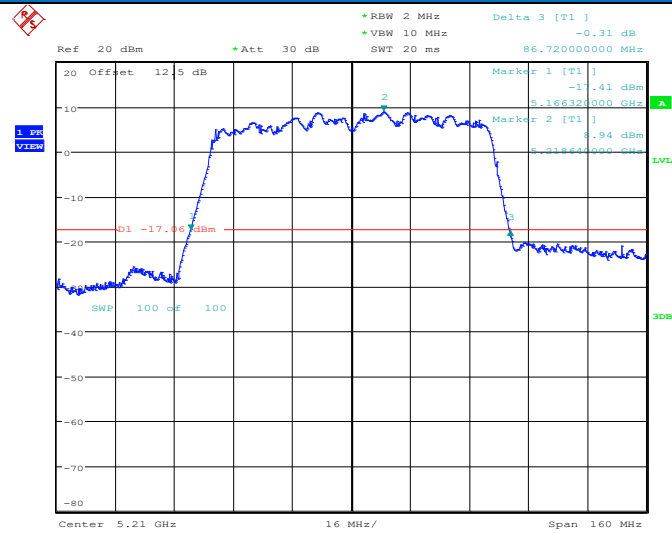
Date: 8.SEP.2026 18:04:21

11AC40SISO-Ant1-5795



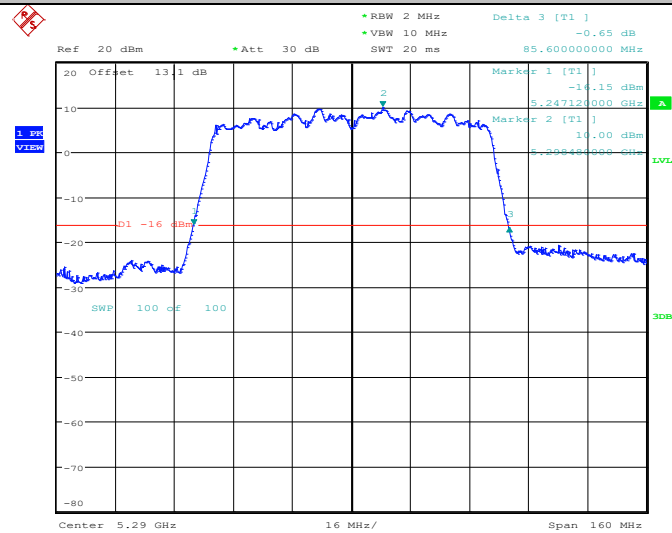
Date: 8.SEP.2026 18:04:45

11AC80SISO-Ant1-5210



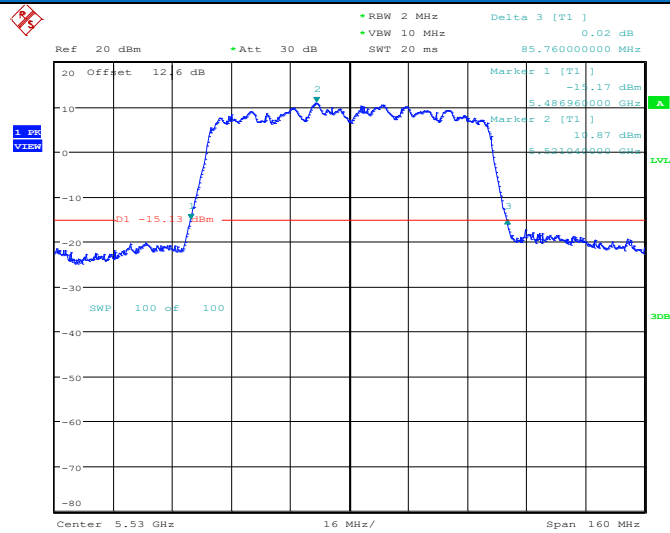
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11AC80SISO-Ant1-5290



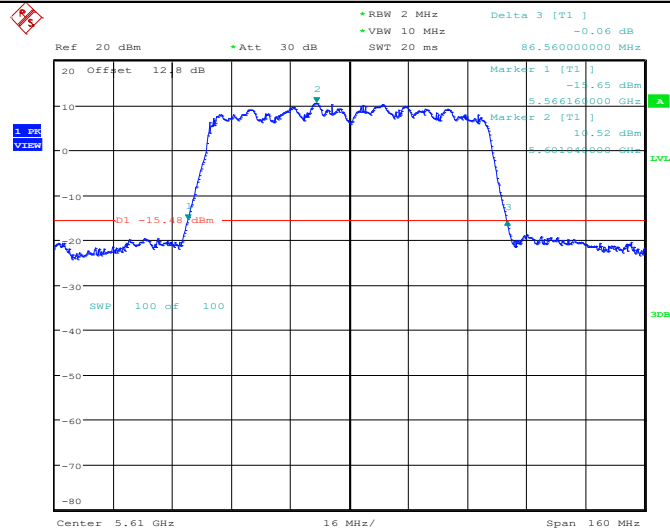
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11AC80SISO-Ant1-5530



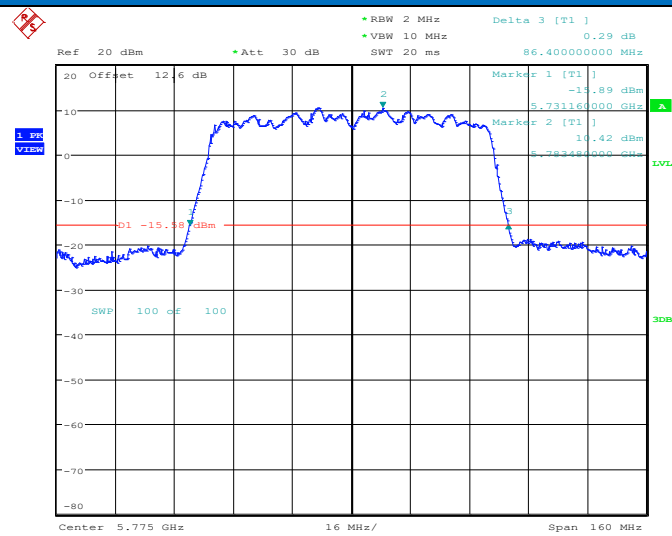
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11AC80SISO-Ant1-5610



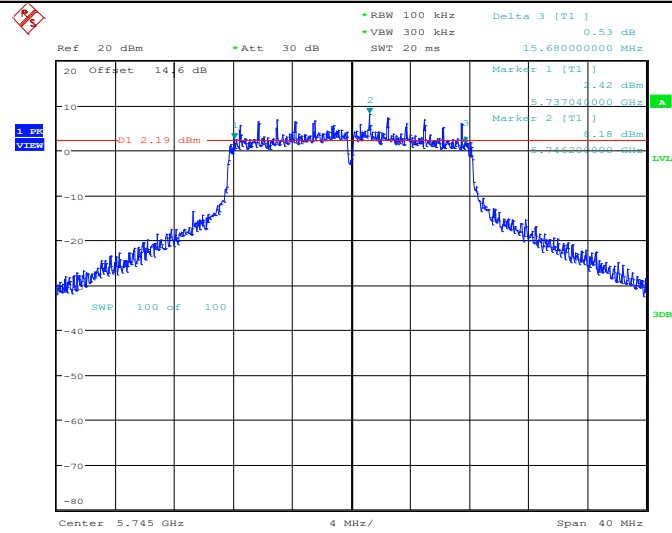
Date: 8.SEP.2026 18:06:38

11AC80SISO-Ant1-5775



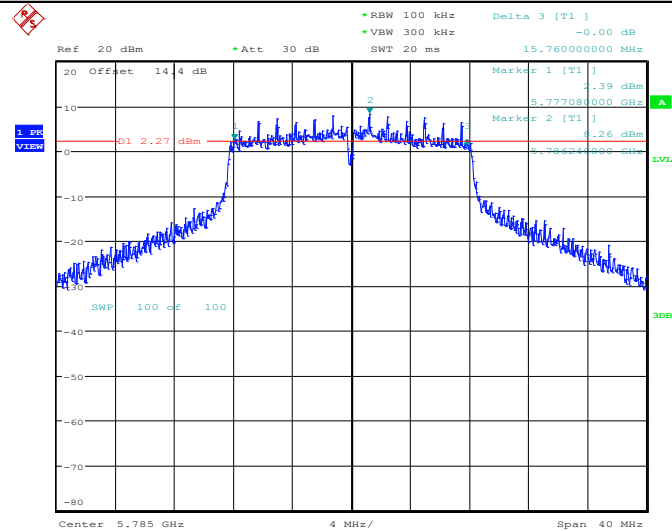
Date: 8.SEP.2026 18:07:12

11A-Ant1-5745-PASS



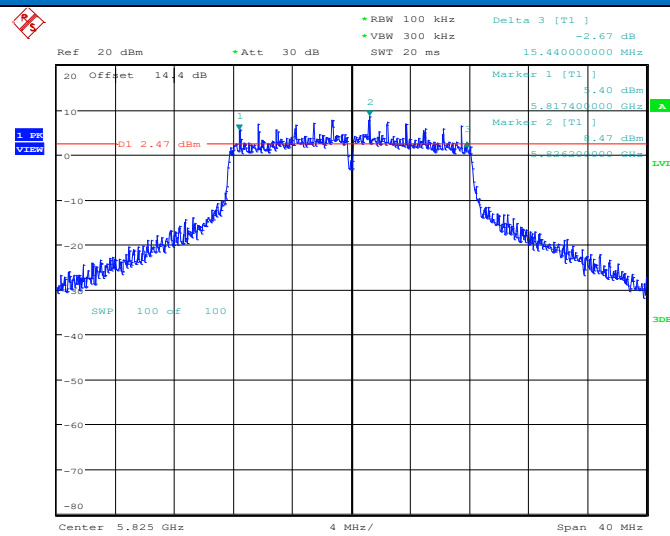
Date: 19.MAY.2026 15:35:07

11A-Ant1-5785-PASS



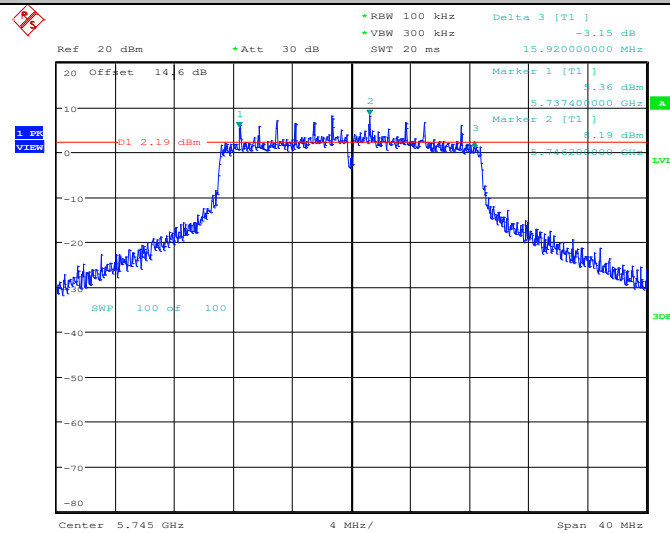
Date: 19.MAY.2026 15:37:31

11A-Ant1-5825-PASS



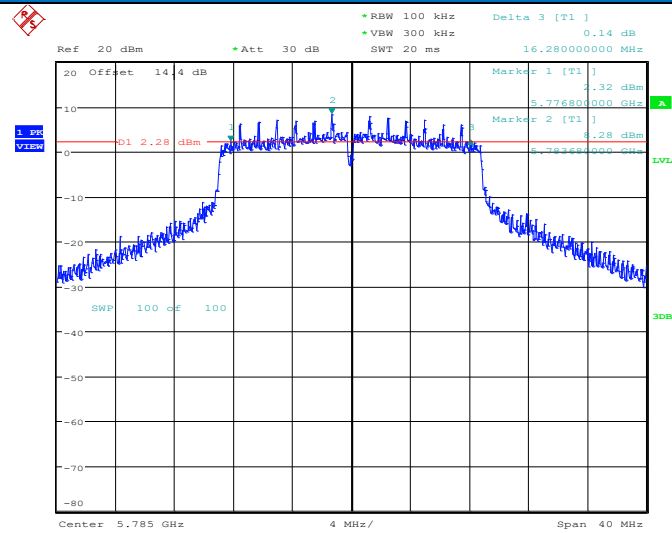
Date: 19.MAY.2026 15:45:18

11N20SISO-Ant1-5745-PASS



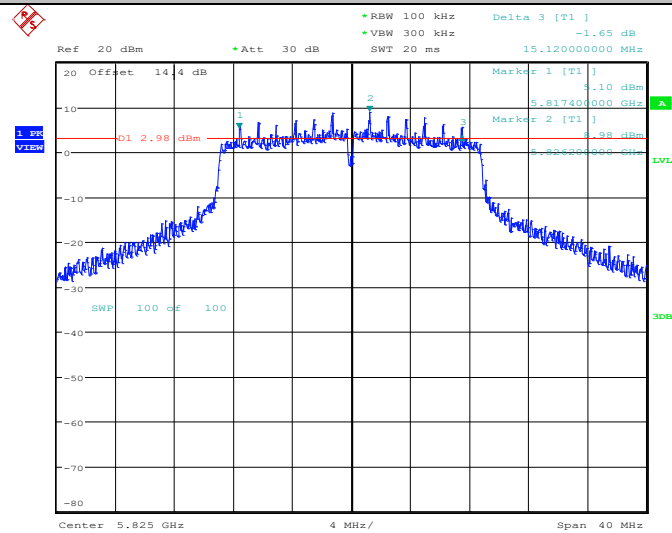
Date: 19.MAY.2026 15:50:33

11N20SISO-Ant1-5785-PASS



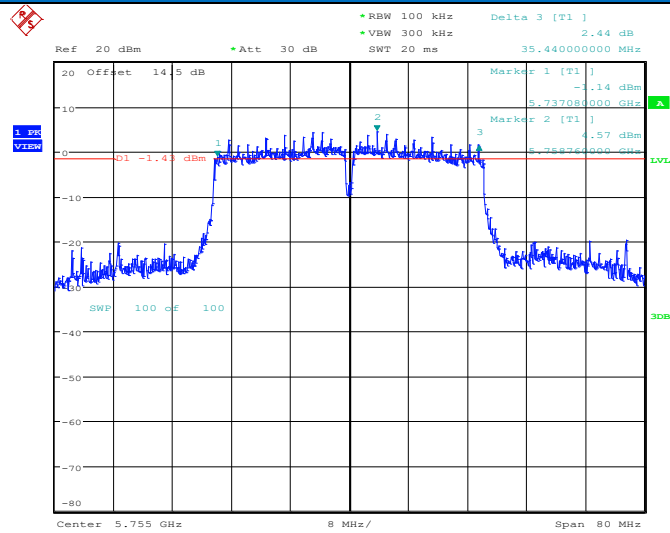
Date: 19.MAY.2026 15:53:48

11N20SISO-Ant1-5825-PASS



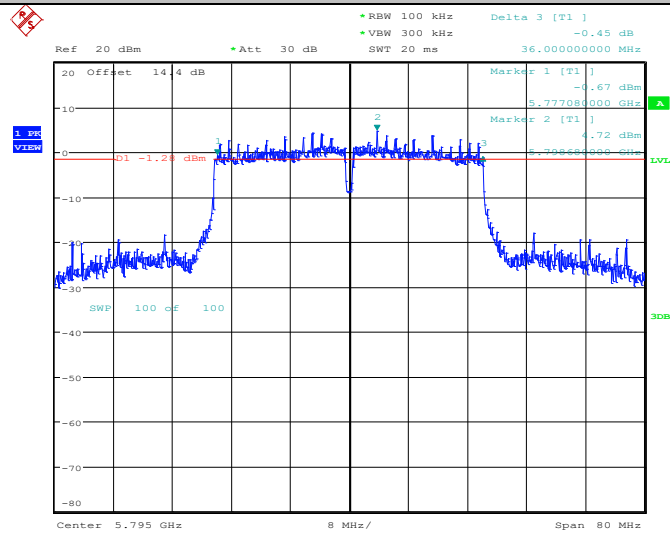
Date: 19.MAY.2026 15:57:34

11N40SISO-Ant1-5755-PASS



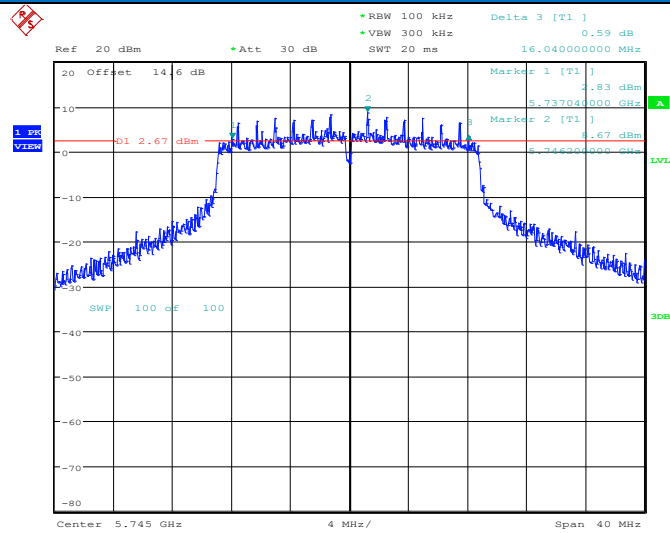
Date: 19.MAY.2026 16:01:51

11N40SISO-Ant1-5795-PASS



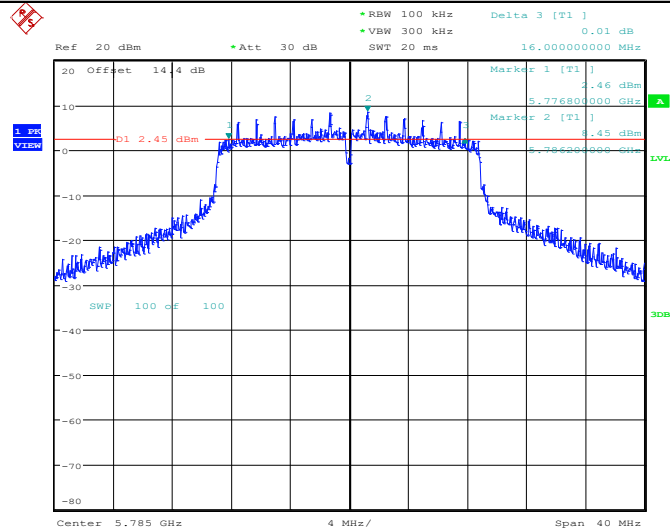
Date: 19.MAY.2026 16:04:59

11AC20SISO-Ant1-5745-PASS



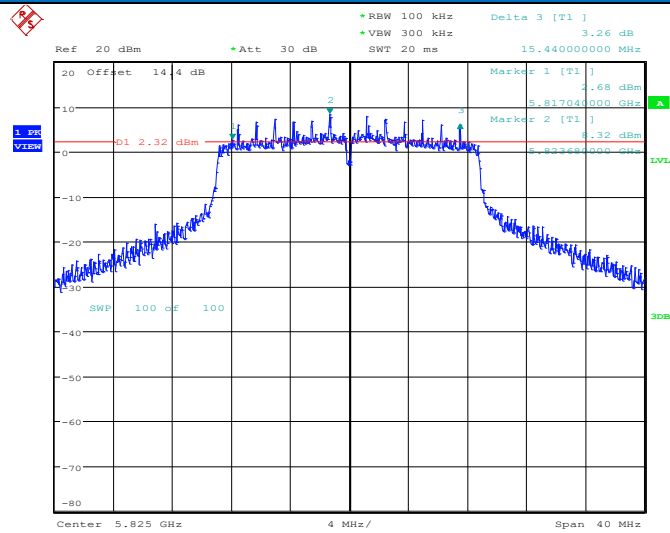
Date: 19.MAY.2026 16:10:00

11AC20SISO-Ant1-5785-PASS



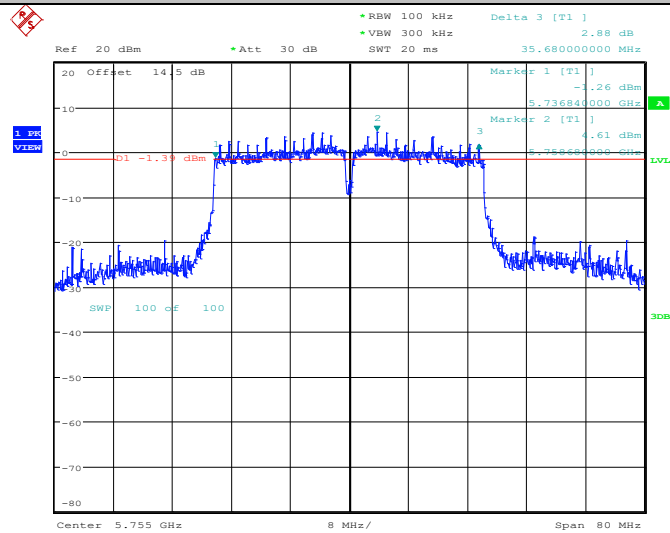
Date: 19.MAY.2026 16:13:25

11AC20SISO-Ant1-5825-PASS



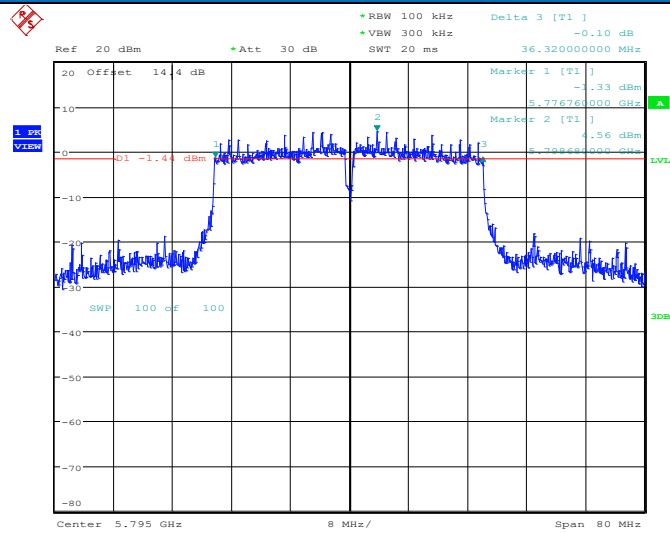
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11AC40SISO-Ant1-5755-PASS



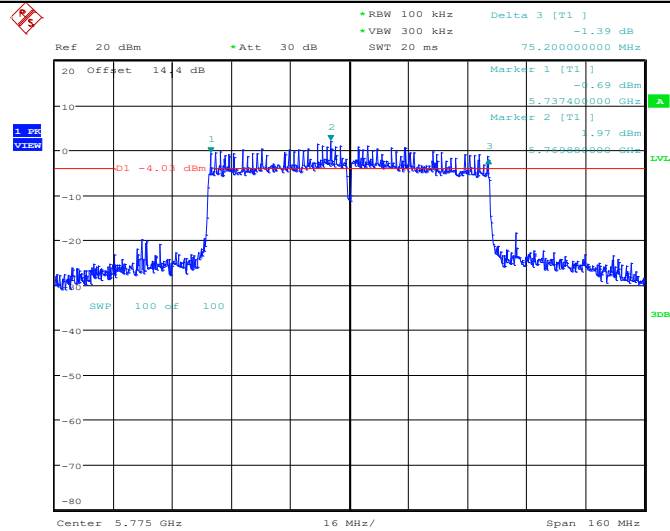
Date: 19.MAY.2026 16:23:40

11AC40SISO-Ant1-5795-PASS



Date: 19.MAY.2026 16:31:08

11AC80SISO-Ant1-5775-PASS



Date: 19.MAY.2026 16:36:45

Appendix B): Maximum Conduct Output Power

1.Duty Cycle (x)

Test Requirement KDB 789033 D02 II B 1

Test Method: KDB 789033 II B 1

Test Procedure:

Set RBW = 20MHz

Set VBW = 40MHz

Set detector = peak.

Set span =0Hz

2. Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

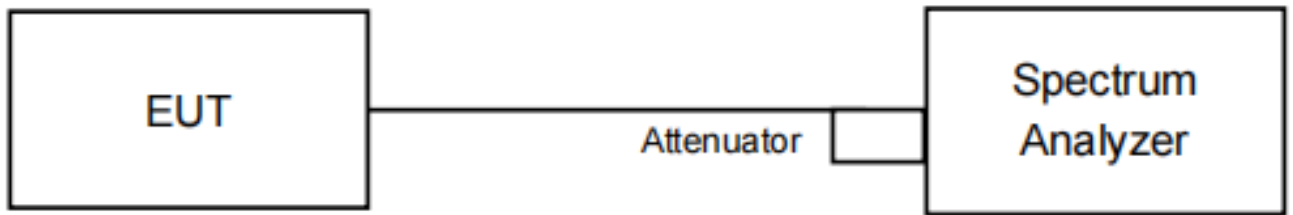
Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Test Procedure:

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- (1) Set RBW = 1 MHz.
- (2) Set VBW ≥ 3 MHz.
- (3) Detector = power average
- (4) Sweep time = auto.
- (5) Add duty cycle to the measured average power.

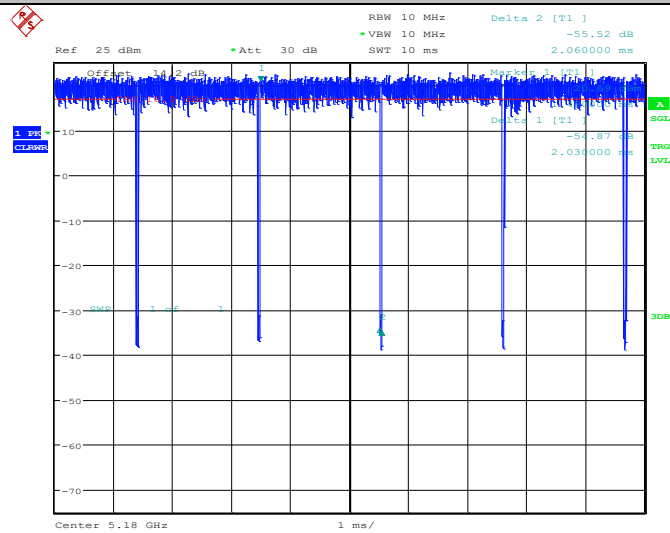
Test Setup Diagram



Measurement Data

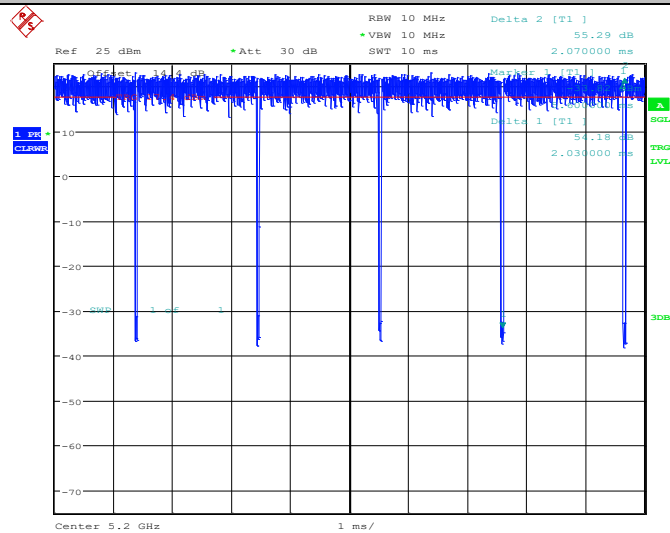
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [%]	1/T
11A	Ant1	5180	2.03	2.06	98.54	0.06	0.49
11A	Ant1	5200	2.03	2.07	98.07	0.08	0.49
11A	Ant1	5240	2.02	2.06	98.06	0.09	0.50
11A	Ant1	5260	2.02	2.06	98.06	0.09	0.50
11A	Ant1	5280	2.02	2.06	98.06	0.09	0.50
11A	Ant1	5320	2.03	2.06	98.54	0.06	0.49
11A	Ant1	5500	2.02	2.06	98.06	0.09	0.50
11A	Ant1	5600	2.03	2.07	98.07	0.08	0.49
11A	Ant1	5700	2.03	2.07	98.07	0.08	0.49
11A	Ant1	5745	2.03	2.06	98.54	0.06	0.49
11A	Ant1	5785	2.03	2.07	98.07	0.08	0.49
11A	Ant1	5825	2.02	2.06	98.06	0.09	0.50
11N20SISO	Ant1	5180	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5200	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5240	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5260	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5280	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5320	1.89	1.92	98.44	0.07	0.53
11N20SISO	Ant1	5500	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5600	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5700	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5745	1.89	1.92	98.44	0.07	0.53
11N20SISO	Ant1	5785	1.89	1.93	97.93	0.09	0.53
11N20SISO	Ant1	5825	1.88	1.92	97.92	0.09	0.53
11N40SISO	Ant1	5190	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5230	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5270	0.92	0.96	95.83	0.18	1.09
11N40SISO	Ant1	5310	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5510	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5590	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5670	0.93	0.97	95.88	0.18	1.08
11N40SISO	Ant1	5755	0.93	0.96	96.88	0.14	1.08
11N40SISO	Ant1	5795	0.93	0.96	96.88	0.14	1.08
11AC20SISO	Ant1	5180	1.90	1.93	98.45	0.07	0.53
11AC20SISO	Ant1	5200	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5240	1.90	1.93	98.45	0.07	0.53
11AC20SISO	Ant1	5260	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5280	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5320	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5500	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5600	1.90	1.93	98.45	0.07	0.53
11AC20SISO	Ant1	5700	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5745	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5785	1.90	1.94	97.94	0.09	0.53
11AC20SISO	Ant1	5825	1.90	1.94	97.94	0.09	0.53
11AC40SISO	Ant1	5190	0.93	0.97	95.88	0.18	1.08
11AC40SISO	Ant1	5230	0.94	0.98	95.92	0.18	1.06
11AC40SISO	Ant1	5270	0.94	0.97	96.91	0.14	1.06
11AC40SISO	Ant1	5310	0.93	0.97	95.88	0.18	1.08
11AC40SISO	Ant1	5510	0.94	0.97	96.91	0.14	1.06
11AC40SISO	Ant1	5590	0.94	0.97	96.91	0.14	1.06
11AC40SISO	Ant1	5670	0.93	0.97	95.88	0.18	1.08
11AC40SISO	Ant1	5755	0.94	0.97	96.91	0.14	1.06
11AC40SISO	Ant1	5795	0.94	0.98	95.92	0.18	1.06
11AC80SISO	Ant1	5210	0.46	0.49	93.88	0.27	2.17
11AC80SISO	Ant1	5290	0.46	0.49	93.88	0.27	2.17
11AC80SISO	Ant1	5530	0.46	0.49	93.88	0.27	2.17
11AC80SISO	Ant1	5610	0.46	0.49	93.88	0.27	2.17
11AC80SISO	Ant1	5775	0.46	0.49	93.88	0.27	2.17

NTNV-11A-Ant1-5180



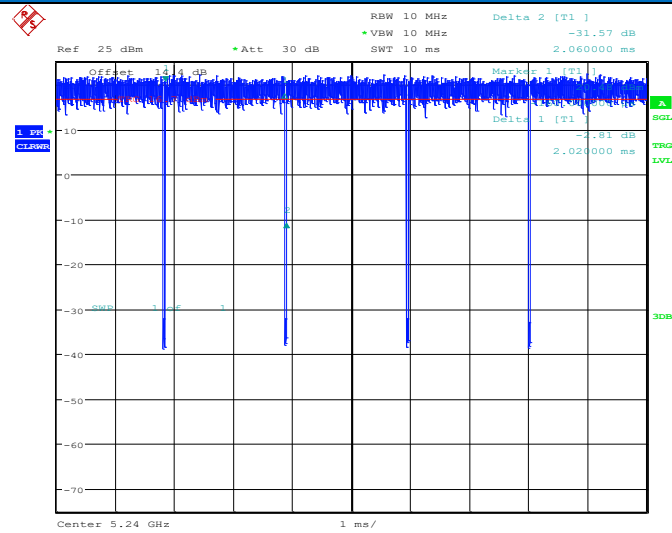
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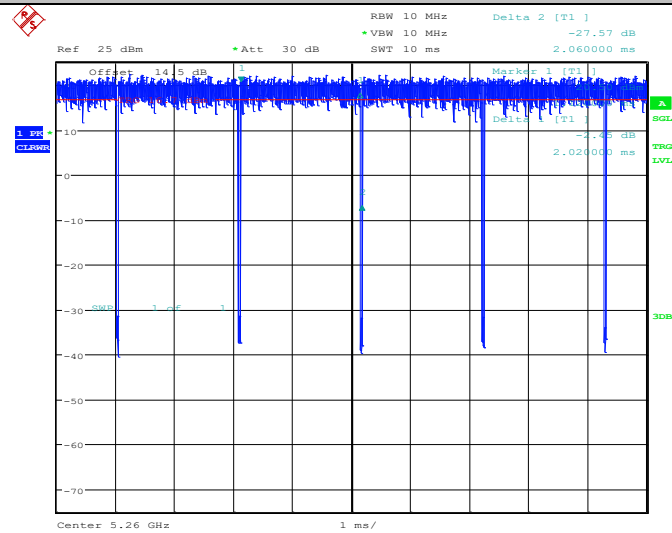
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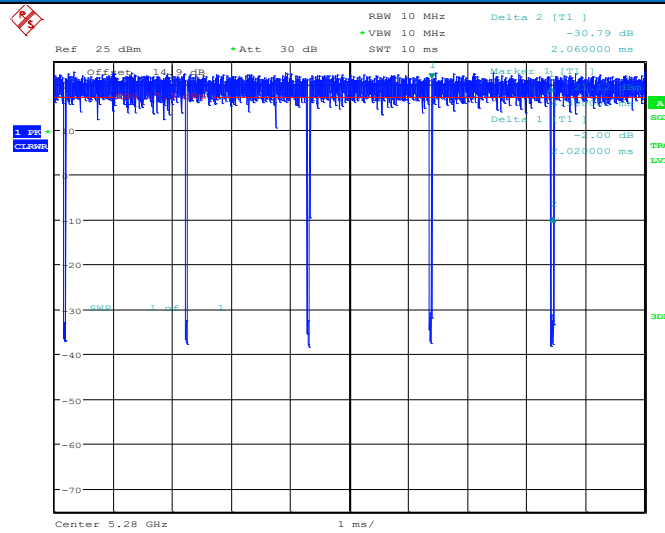
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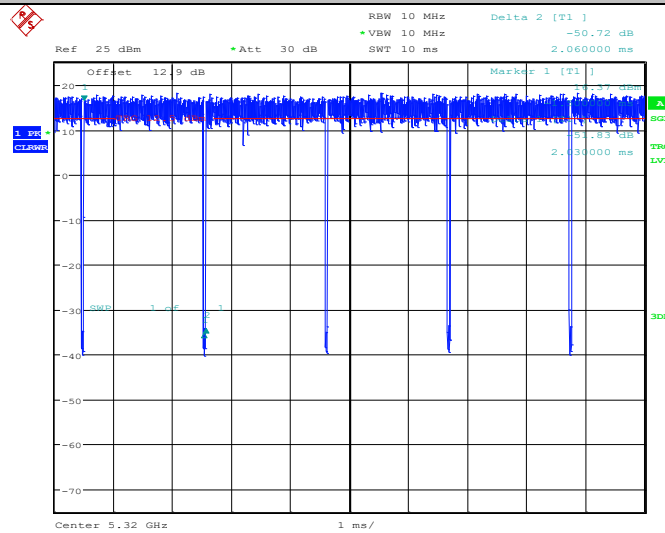
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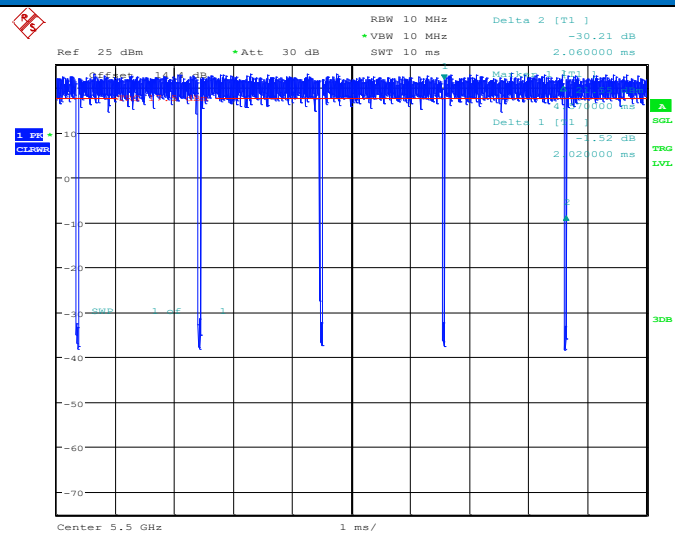
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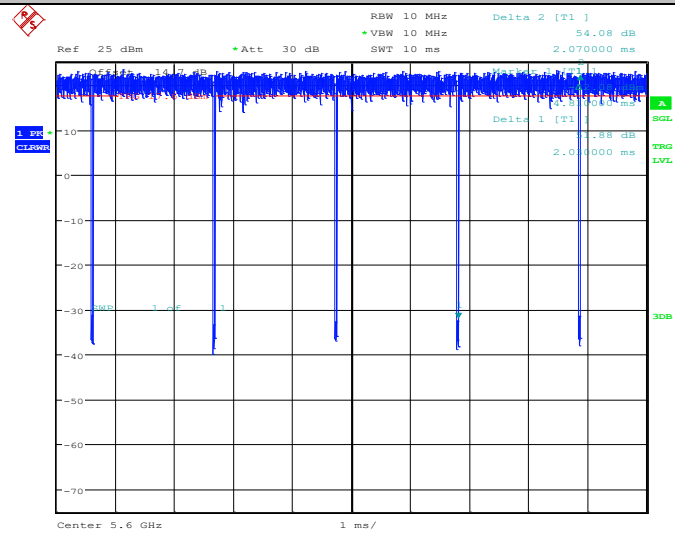
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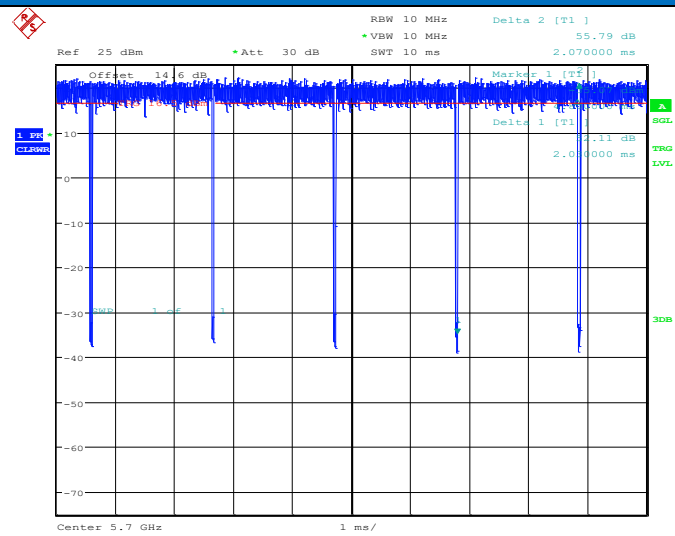
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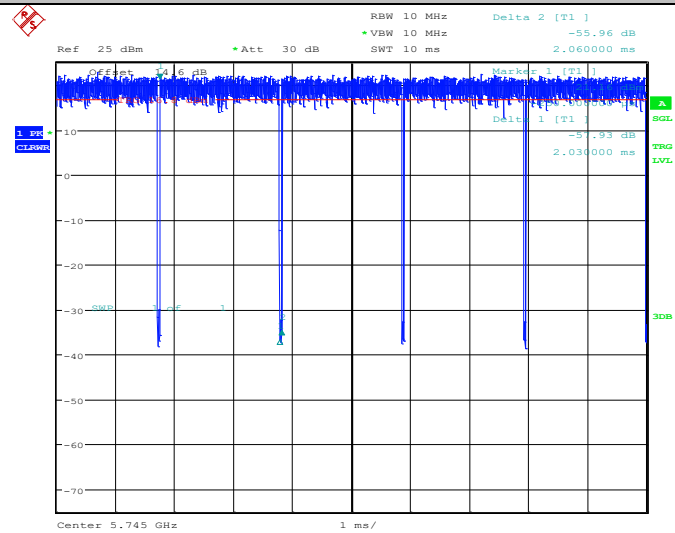
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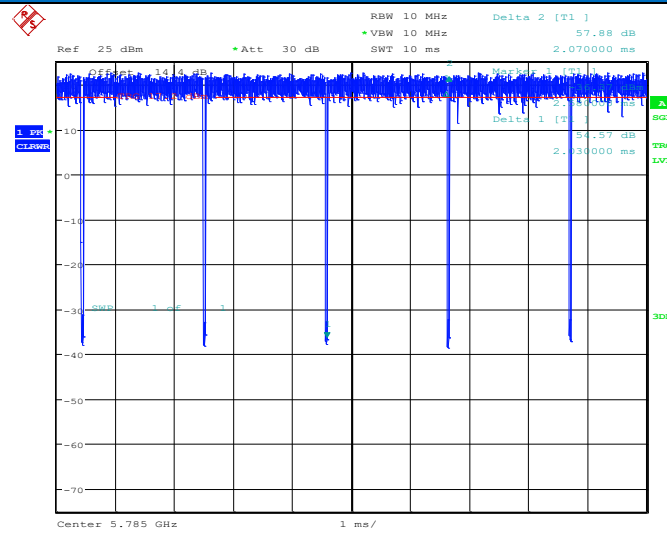
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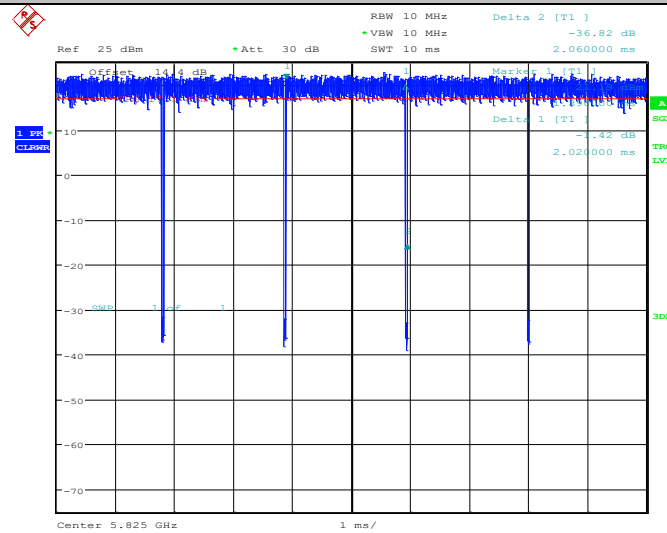
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NTNV-11A-Ant1-5785



Date: 19.MAY.2026 15:38:01

NTNV-11A-Ant1-5825



Date: 19.MAY.2026 15:45:48

NTNV-11N20SISO-Ant1-5180

Date: 19.MAY.2026 09:05:19

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Date: 19.MAY.2026 09:17:16

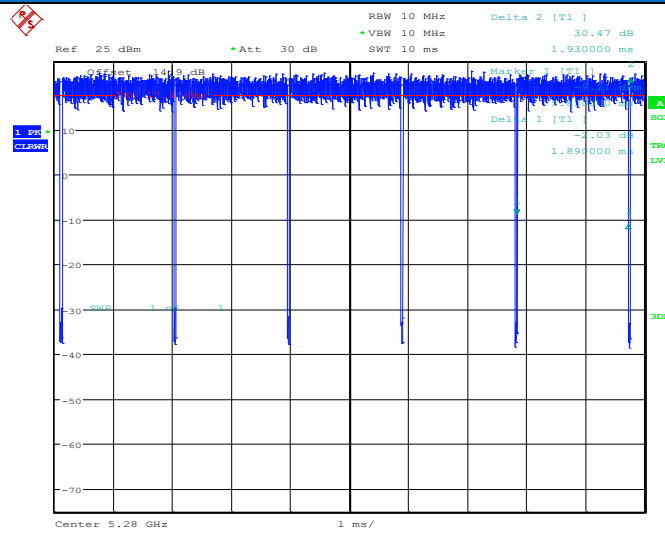
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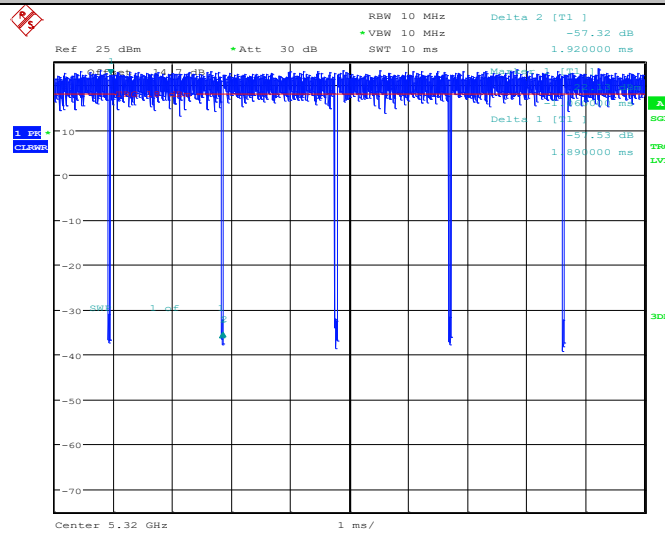
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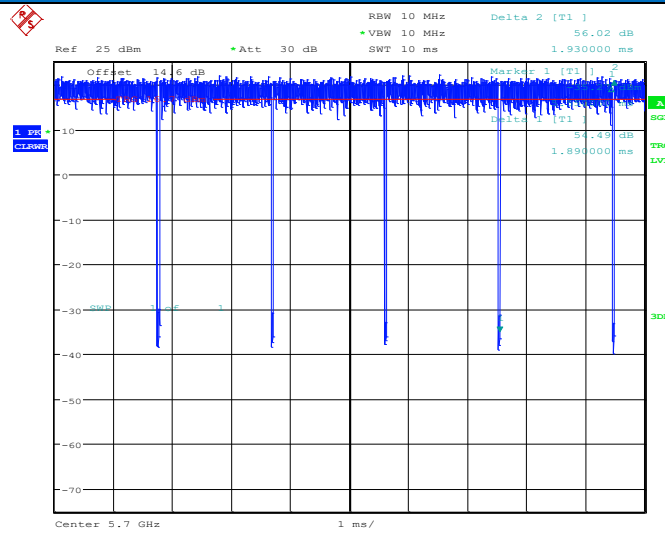
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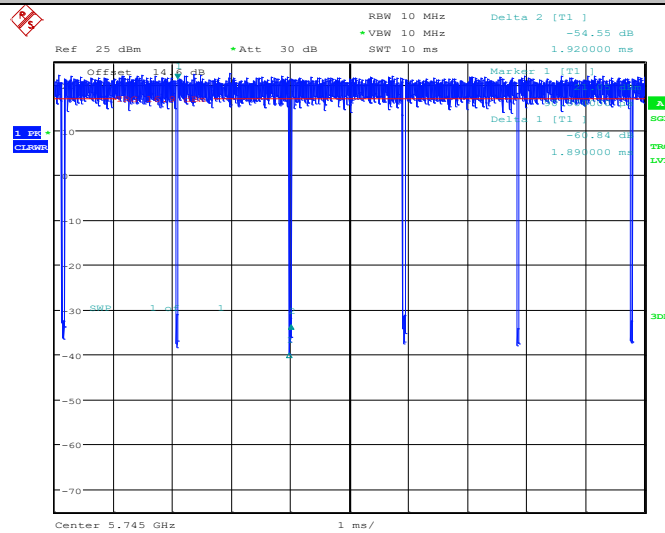
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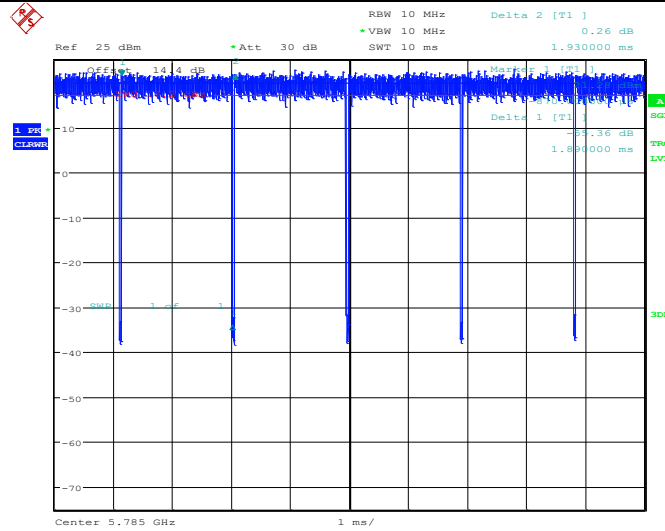
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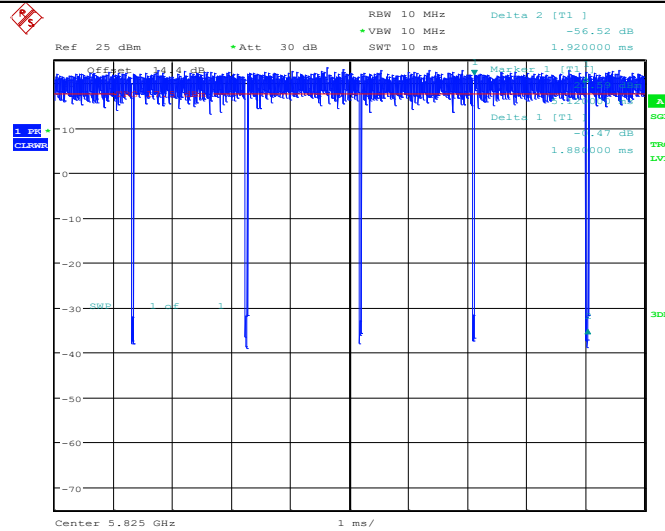
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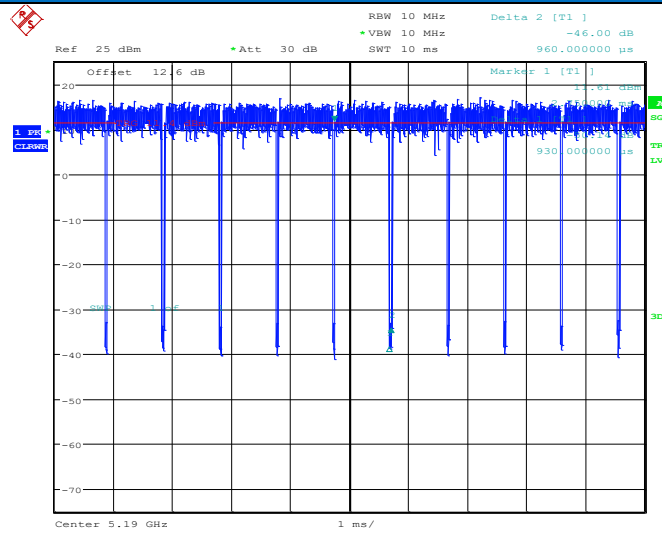
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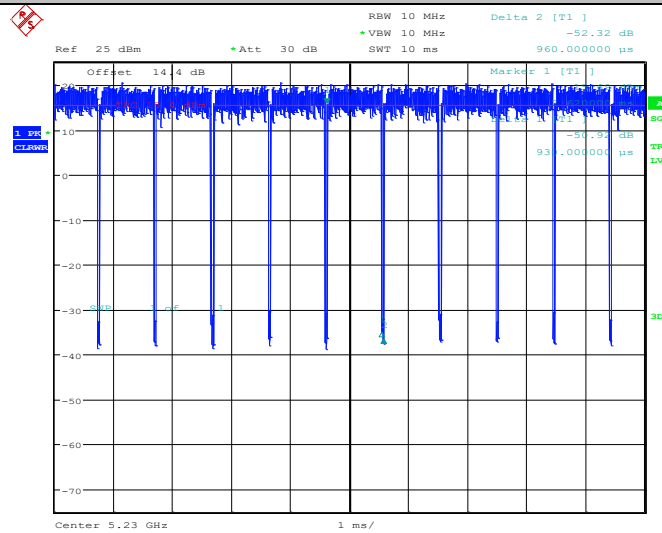
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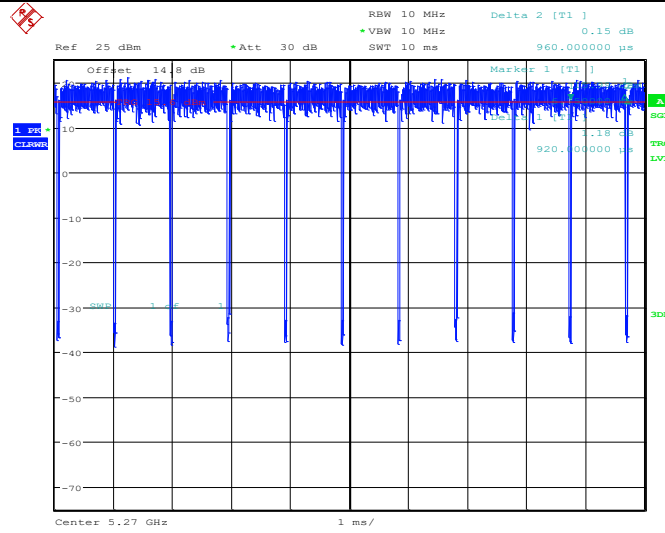
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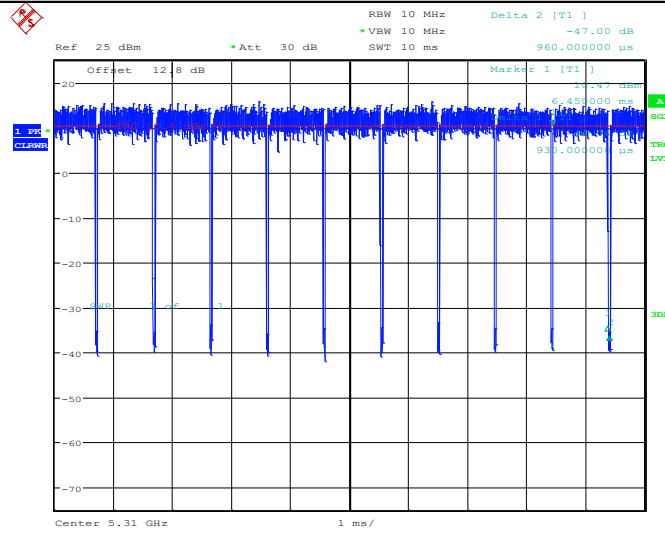
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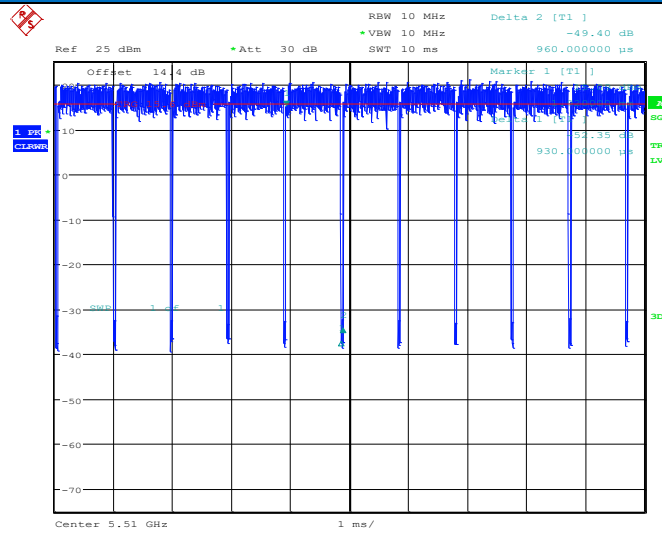
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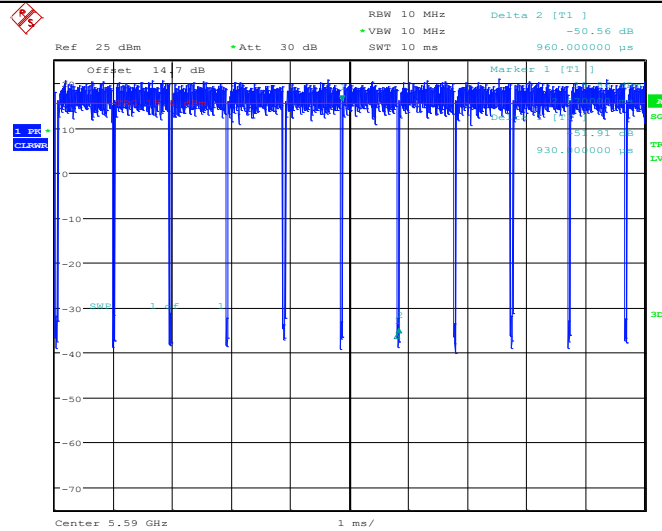
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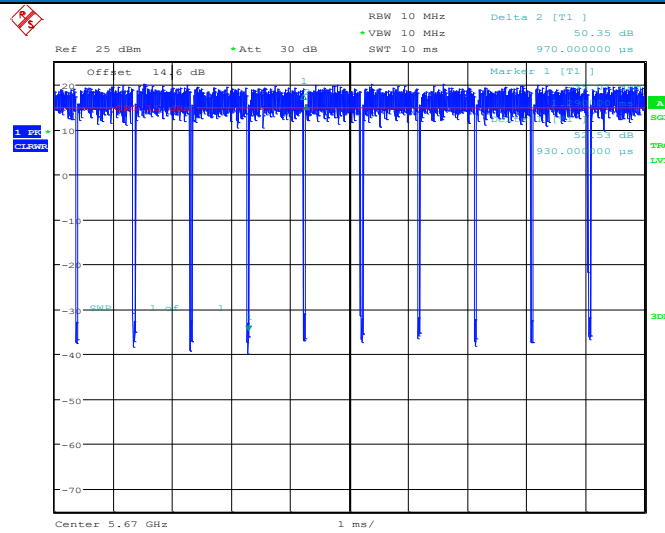
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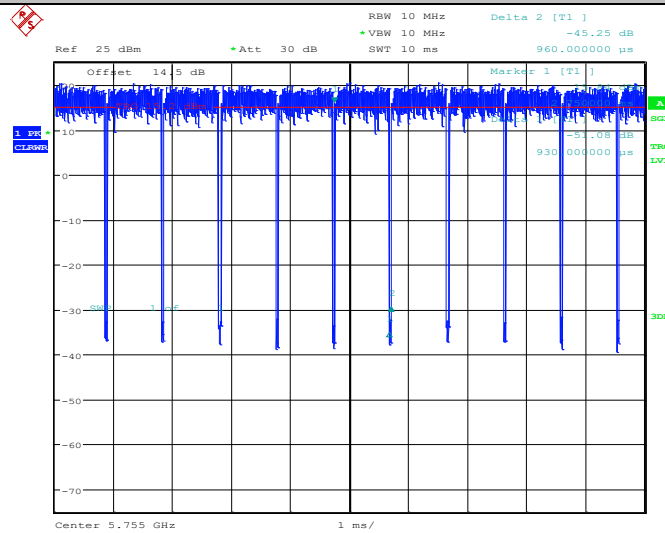
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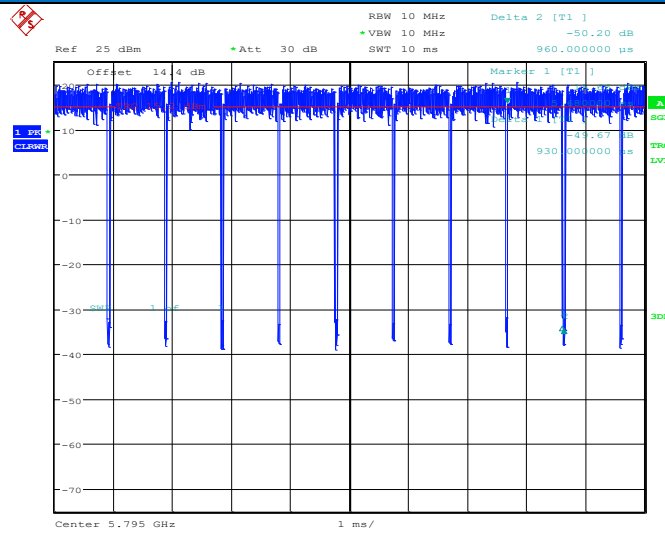
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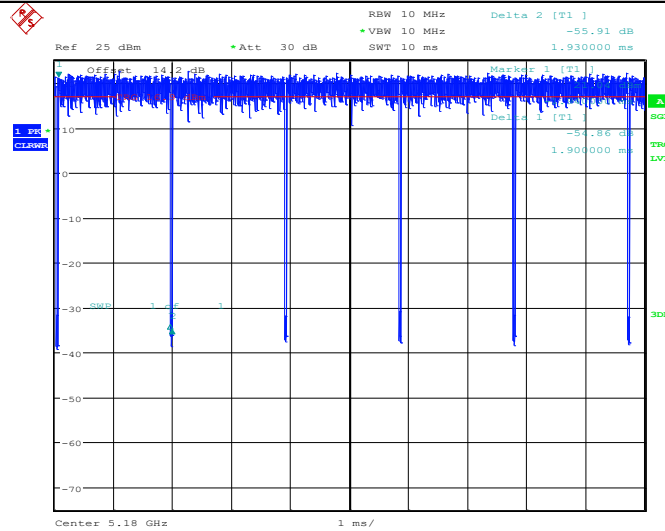
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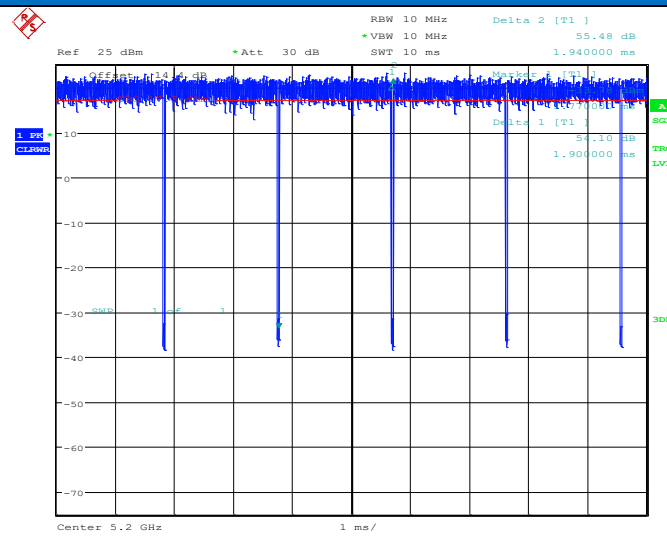
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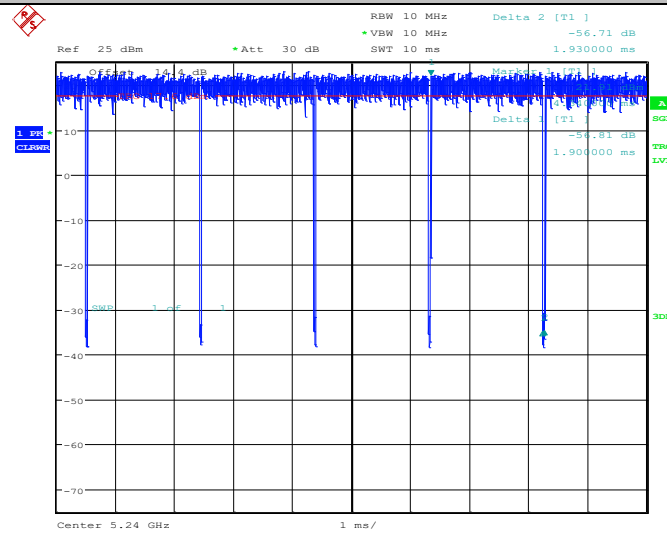
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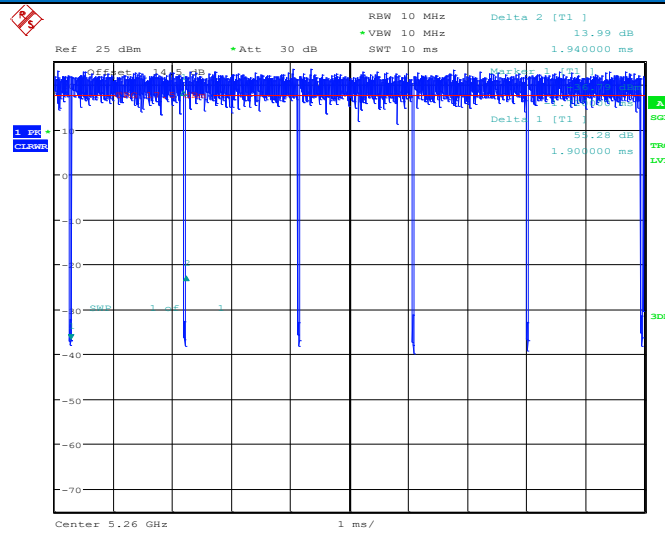
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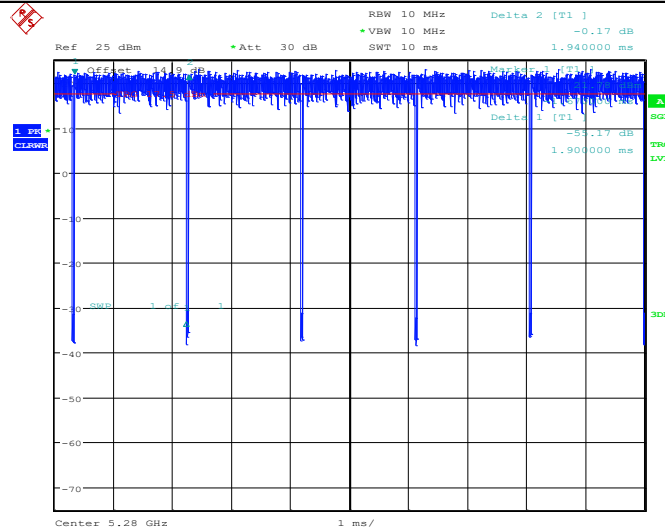
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Date: 19.MAY.2026 11:47:18

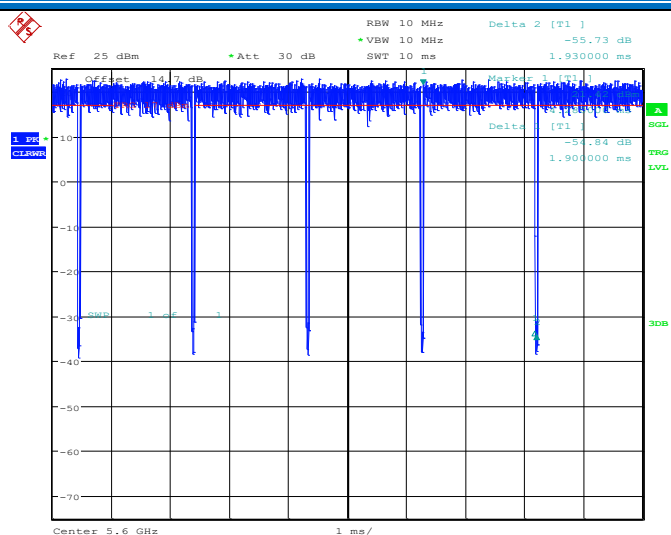
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Date: 26.JUN.2026 08:53:59

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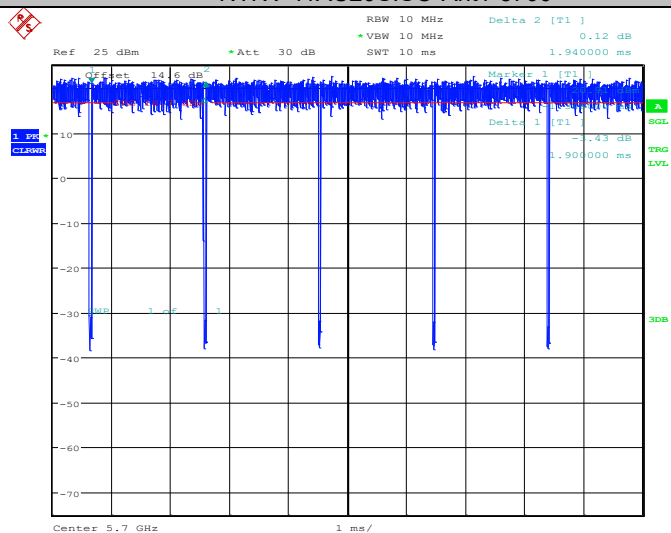
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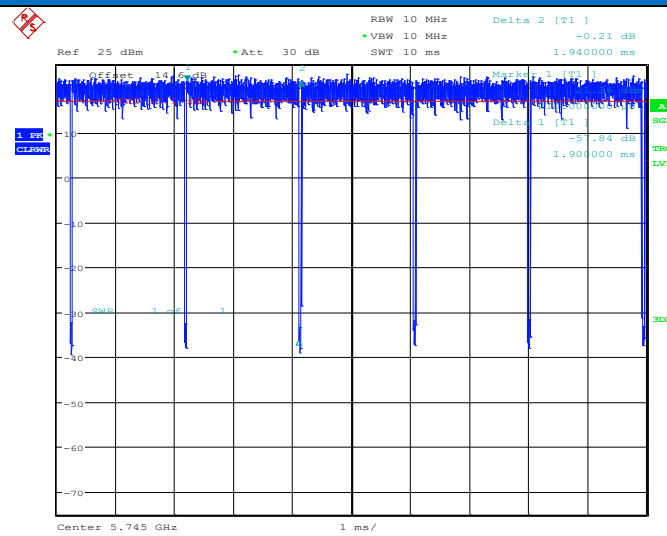
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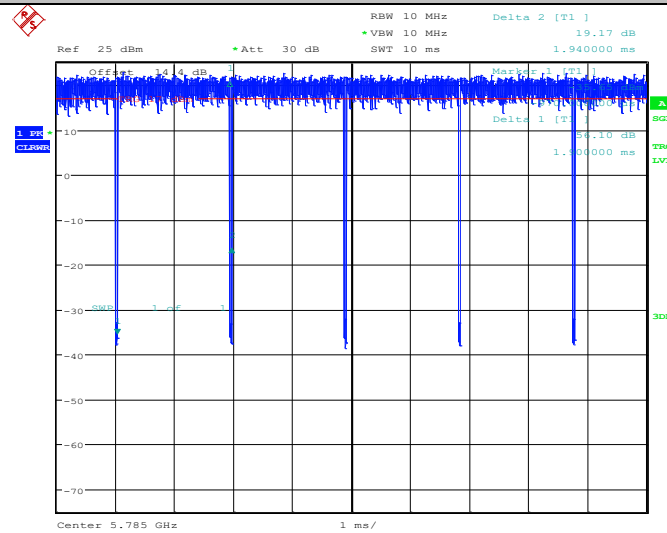
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Date: 19.MAY.2026 16:13:54

NTNV-11AC20SISO-Ant1-5825

Date: 19.MAY.2026 16:33:32

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Date: 26.JUN.2026 09:09:53

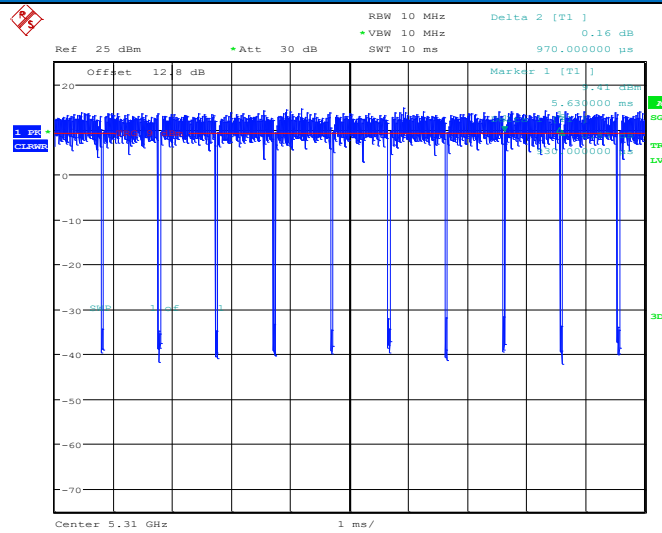
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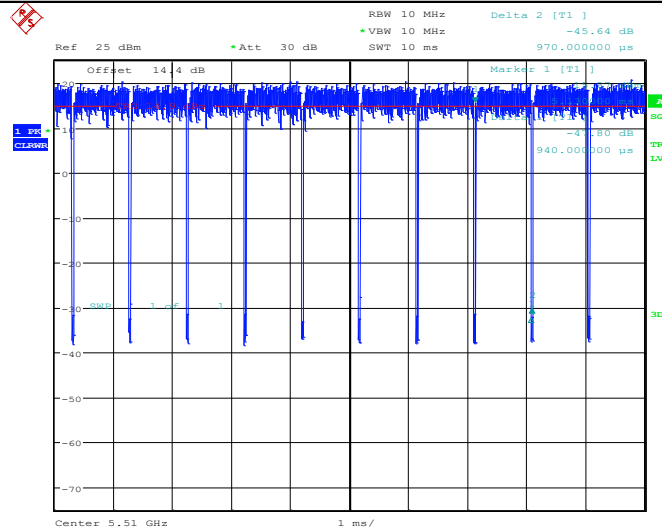
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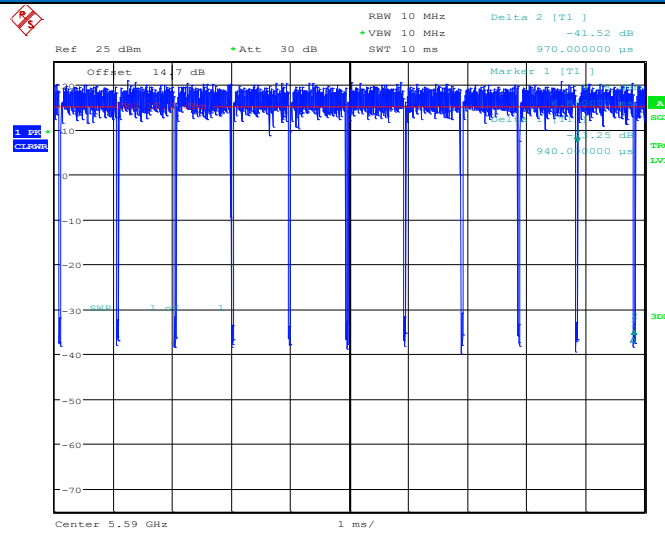
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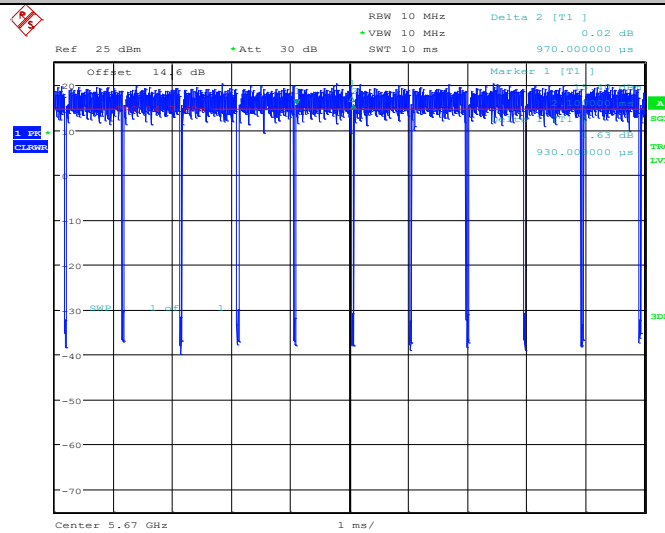
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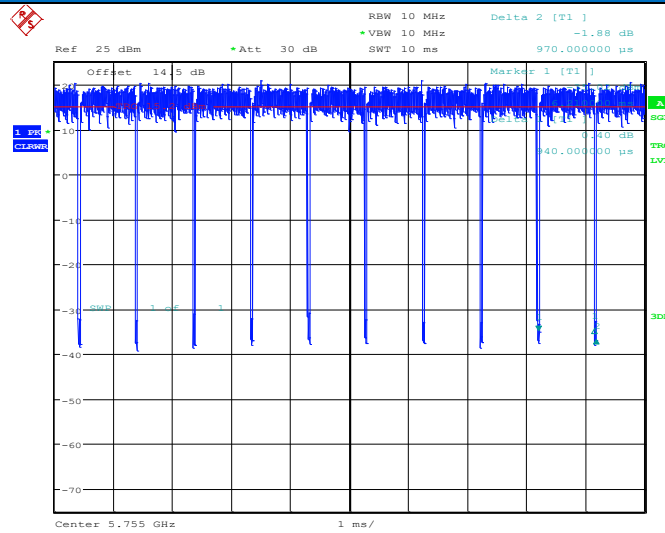
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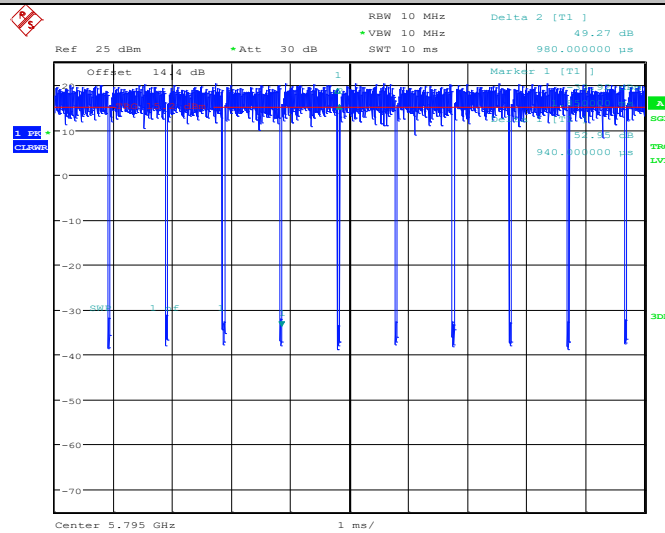
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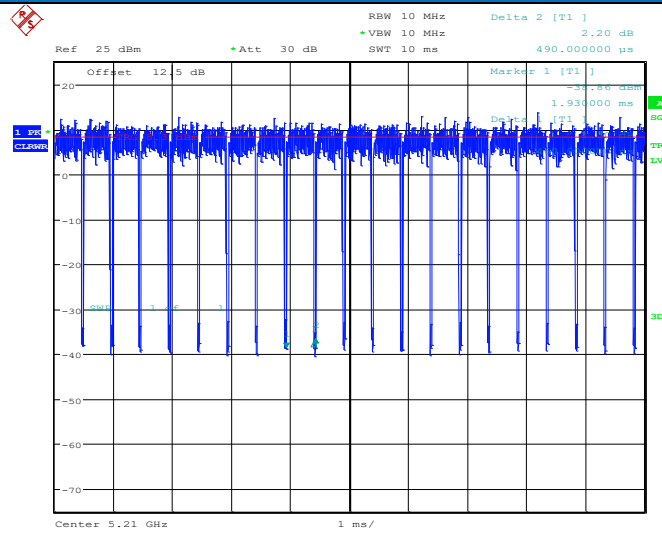
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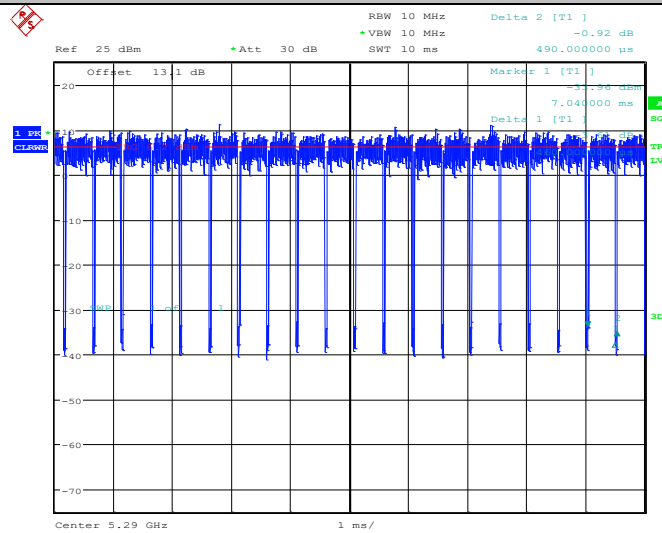
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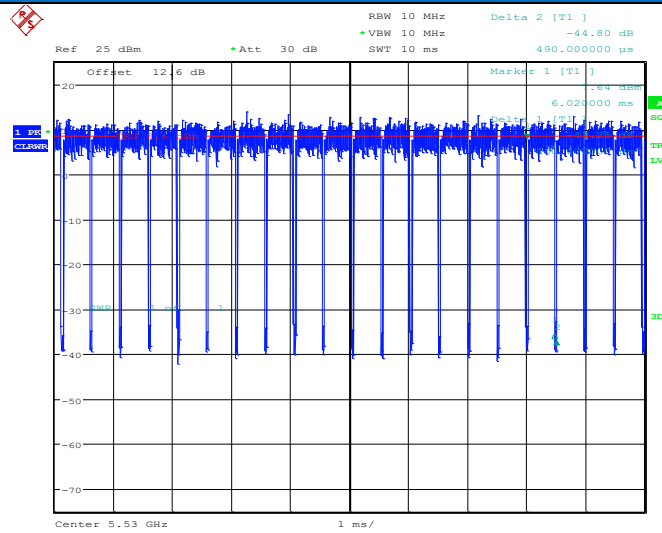
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NTNV-11AC80SISO-Ant1-5290



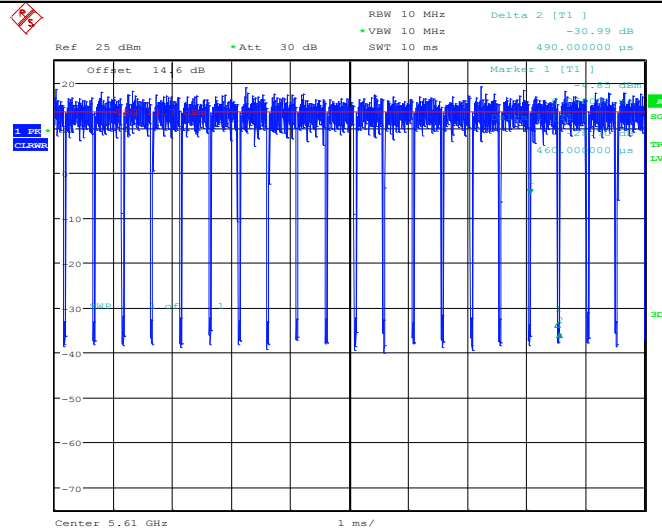
Date: 26.JUN.2026 09:18:46

NTNV-11AC80SISO-Ant1-5530



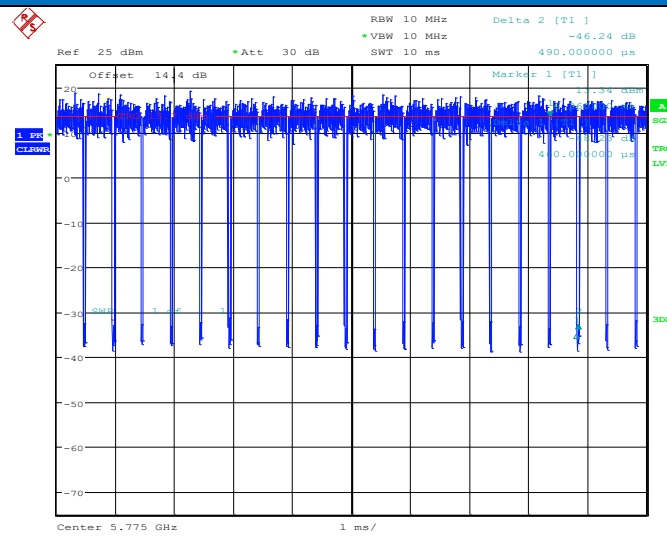
Date: 26.JUN.2026 09:21:39

NTNV-11AC80SISO-Ant1-5610



Date: 19.MAY.2026 15:23:45

NTNV-11AC80SISO-Ant1-5775



Date: 19.MAY.2026 16:37:15

2. Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

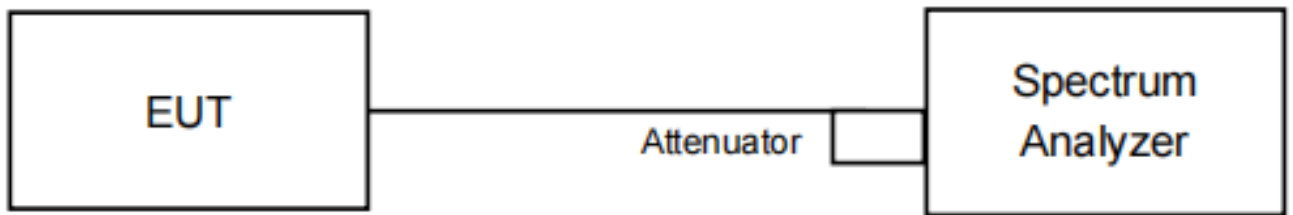
Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Test Procedure:

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- (1) Set RBW = 1 MHz.
- (2) Set VBW $\geq$ 3 MHz.
- (3) Detector = power average
- (4) Sweep time = auto.
- (5) Add duty cycle to the measured average power.

Test Setup Diagram

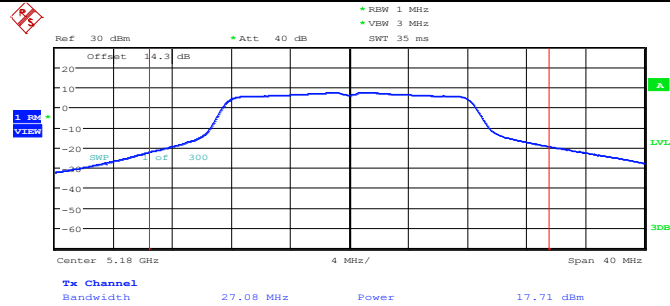


Measurement Data

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	17.65	98.54	0.06	17.71	≤23.98	PASS
11A	Ant1	5200	18.08	98.07	0.08	18.16	≤23.98	PASS
11A	Ant1	5240	17.24	98.06	0.09	17.33	≤23.98	PASS
11A	Ant1	5260	17.24	98.06	0.09	17.33	≤23.98	PASS
11A	Ant1	5280	17.77	98.06	0.09	17.86	≤23.98	PASS
11A	Ant1	5320	13.06	98.54	0.06	13.12	≤23.98	PASS
11A	Ant1	5500	18.51	98.06	0.09	18.60	≤23.98	PASS
11A	Ant1	5600	18.64	98.07	0.08	18.72	≤23.98	PASS
11A	Ant1	5700	17.32	98.07	0.08	17.40	≤23.98	PASS
11A	Ant1	5745	17.53	98.54	0.06	17.59	≤30.00	PASS
11A	Ant1	5785	17.88	98.07	0.08	17.96	≤30.00	PASS
11A	Ant1	5825	17.89	98.06	0.09	17.98	≤30.00	PASS
11N20SISO	Ant1	5180	17.71	97.93	0.09	17.80	≤23.98	PASS
11N20SISO	Ant1	5200	18.17	97.93	0.09	18.26	≤23.98	PASS
11N20SISO	Ant1	5240	18.34	97.93	0.09	18.43	≤23.98	PASS
11N20SISO	Ant1	5260	18.30	97.93	0.09	18.39	≤23.98	PASS
11N20SISO	Ant1	5280	17.68	97.93	0.09	17.77	≤23.98	PASS
11N20SISO	Ant1	5320	18.41	98.44	0.07	18.48	≤23.98	PASS
11N20SISO	Ant1	5500	18.43	97.93	0.09	18.52	≤23.98	PASS
11N20SISO	Ant1	5600	18.55	97.93	0.09	18.64	≤23.98	PASS
11N20SISO	Ant1	5700	17.19	97.93	0.09	17.28	≤23.98	PASS
11N20SISO	Ant1	5745	17.40	98.44	0.07	17.47	≤30.00	PASS
11N20SISO	Ant1	5785	17.83	97.93	0.09	17.92	≤30.00	PASS
11N20SISO	Ant1	5825	18.22	97.92	0.09	18.31	≤30.00	PASS
11N40SISO	Ant1	5190	14.03	96.88	0.14	14.17	≤23.98	PASS
11N40SISO	Ant1	5230	17.94	96.88	0.14	18.08	≤23.98	PASS
11N40SISO	Ant1	5270	18.22	95.83	0.18	18.40	≤23.98	PASS
11N40SISO	Ant1	5310	13.01	96.88	0.14	13.15	≤23.98	PASS
11N40SISO	Ant1	5510	18.38	96.88	0.14	18.52	≤23.98	PASS
11N40SISO	Ant1	5590	18.06	96.88	0.14	18.20	≤23.98	PASS
11N40SISO	Ant1	5670	17.64	95.88	0.18	17.82	≤23.98	PASS
11N40SISO	Ant1	5755	17.71	96.88	0.14	17.85	≤30.00	PASS
11N40SISO	Ant1	5795	17.83	96.88	0.14	17.97	≤30.00	PASS
11AC20SISO	Ant1	5180	17.52	98.45	0.07	17.59	≤23.98	PASS
11AC20SISO	Ant1	5200	17.98	97.94	0.09	18.07	≤23.98	PASS
11AC20SISO	Ant1	5240	18.12	98.45	0.07	18.19	≤23.98	PASS
11AC20SISO	Ant1	5260	18.18	97.94	0.09	18.27	≤23.98	PASS
11AC20SISO	Ant1	5280	18.15	97.94	0.09	18.24	≤23.98	PASS
11AC20SISO	Ant1	5320	12.93	97.94	0.09	13.02	≤23.98	PASS
11AC20SISO	Ant1	5500	17.95	97.94	0.09	18.04	≤23.98	PASS
11AC20SISO	Ant1	5600	18.01	98.45	0.07	18.08	≤23.98	PASS
11AC20SISO	Ant1	5700	17.63	97.94	0.09	17.72	≤23.98	PASS
11AC20SISO	Ant1	5745	17.90	97.94	0.09	17.99	≤30.00	PASS
11AC20SISO	Ant1	5785	17.84	97.94	0.09	17.93	≤30.00	PASS
11AC20SISO	Ant1	5825	17.75	97.94	0.09	17.84	≤30.00	PASS
11AC40SISO	Ant1	5190	13.21	95.88	0.18	13.39	≤23.98	PASS
11AC40SISO	Ant1	5230	17.90	95.92	0.18	18.08	≤23.98	PASS
11AC40SISO	Ant1	5270	17.76	96.91	0.14	17.90	≤23.98	PASS
11AC40SISO	Ant1	5310	11.78	95.88	0.18	11.96	≤23.98	PASS
11AC40SISO	Ant1	5510	17.87	96.91	0.14	18.01	≤23.98	PASS
11AC40SISO	Ant1	5590	18.00	96.91	0.14	18.14	≤23.98	PASS
11AC40SISO	Ant1	5670	17.60	95.88	0.18	17.78	≤23.98	PASS
11AC40SISO	Ant1	5755	17.71	96.91	0.14	17.85	≤30.00	PASS
11AC40SISO	Ant1	5795	17.78	95.92	0.18	17.96	≤30.00	PASS
11AC80SISO	Ant1	5210	11.85	93.88	0.27	12.12	≤23.98	PASS
11AC80SISO	Ant1	5290	9.84	93.88	0.27	10.11	≤23.98	PASS
11AC80SISO	Ant1	5530	12.39	93.88	0.27	12.66	≤23.98	PASS
11AC80SISO	Ant1	5610	17.67	93.88	0.27	17.94	≤23.98	PASS
11AC80SISO	Ant1	5775	17.61	93.88	0.27	17.88	≤30.00	PASS

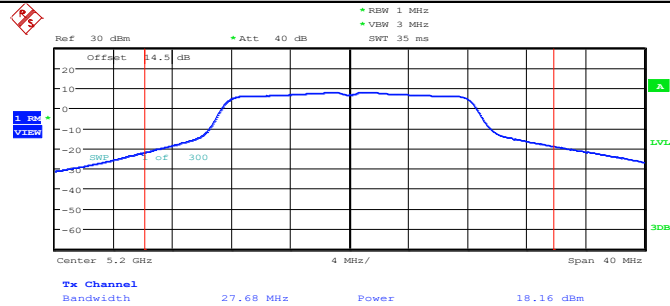
Note: The Duty Cycle Factor is compensated in the graph.

11A-Ant1-5180-PASS



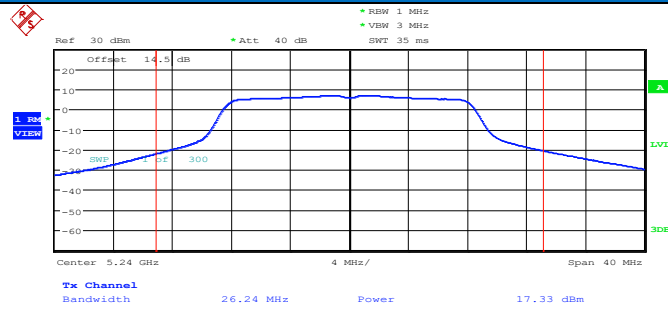
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11A-Ant1-5200-PASS



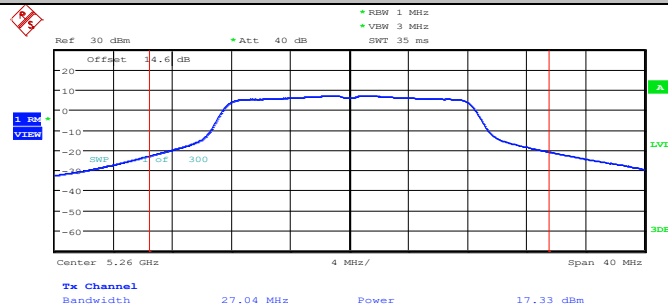
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11A-Ant1-5240-PASS



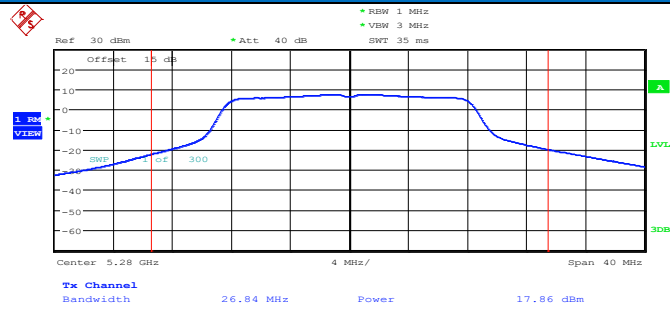
Date: 18.MAY.2026 16:23:59

11A-Ant1-5260-PASS



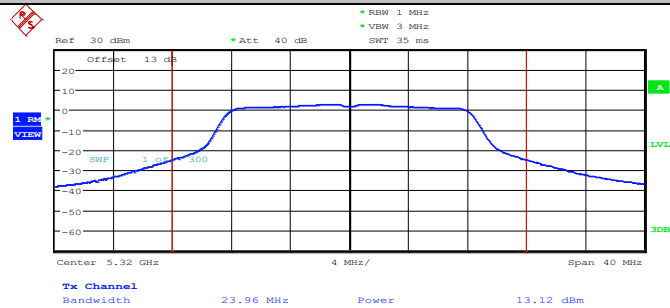
Date: 18.MAY.2026 16:32:01

11A-Ant1-5280-PASS



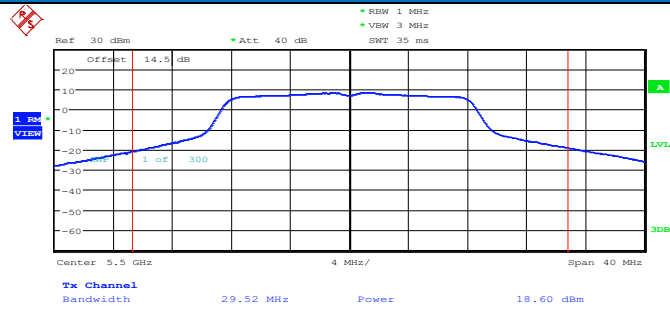
Date: 18.MAY.2026 16:43:29

11A-Ant1-5320-PASS



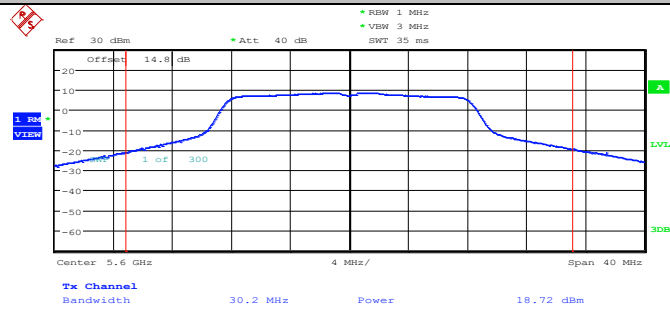
Date: 25.JUN.2026 20:30:03

11A-Ant1-5500-PASS



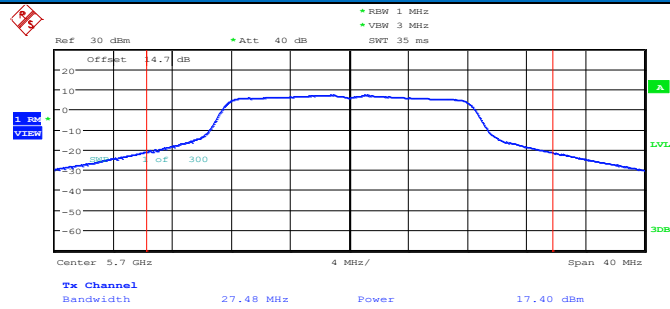
Date: 18.MAY.2026 16:55:13

11A-Ant1-5600-PASS



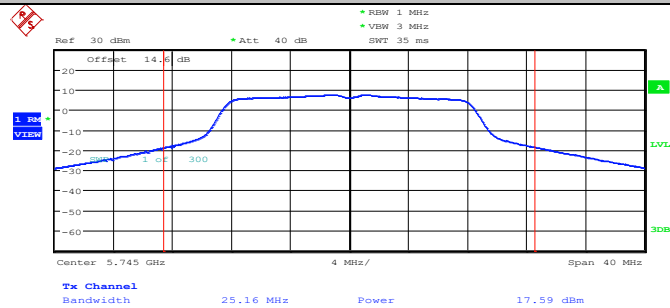
Date: 18.MAY.2026 16:57:21

11A-Ant1-5700-PASS



Date: 18.MAY.2026 17:00:54

11A-Ant1-5745-PASS



Date: 19.MAY.2026 15:36:16

11A-Ant1-5785-PASS



Ref 30 dBm • Att 40 dB • RBW 1 MHz • VBW 3 MHz • SFT 35 ms

Offset 1.5 dB

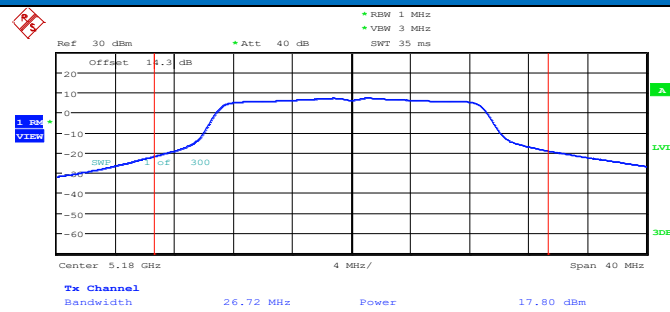
1.0f 300

Center 5.825 GHz 4 MHz/ Span 40 MHz

Tx Channel
Bandwidth 26.4 MHz Power 17.98 dBm

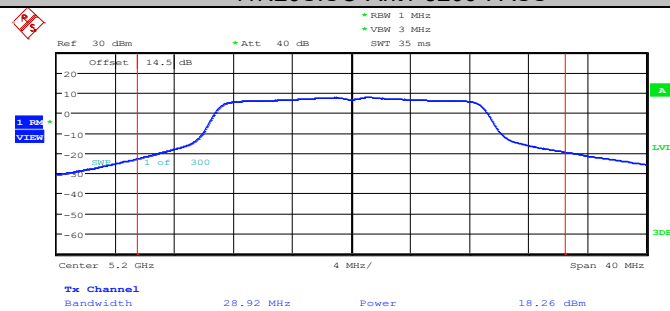
Date: 19.MAY.2026 15:46:36

Page:98 of 236



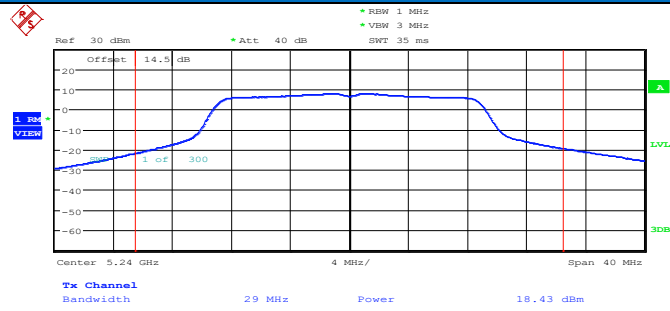
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11N20SISO-Ant1-5200-PASS



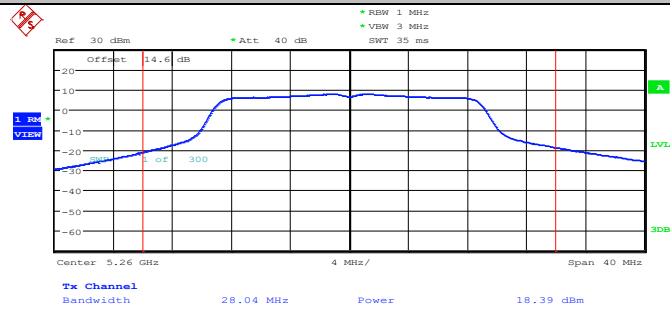
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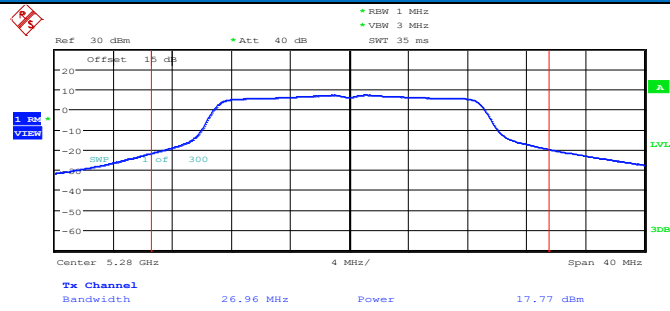
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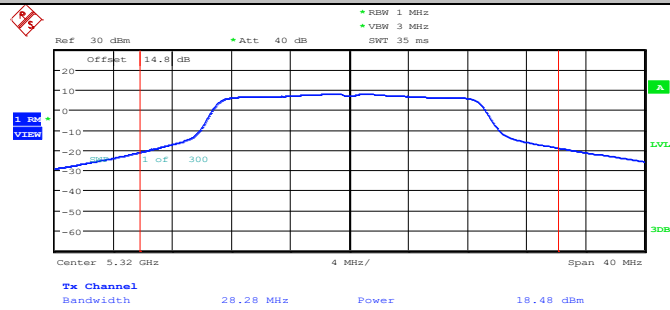
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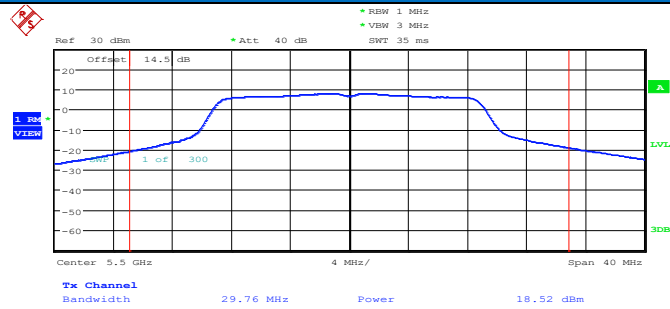
Date: 19.MAY.2026 09:43:56

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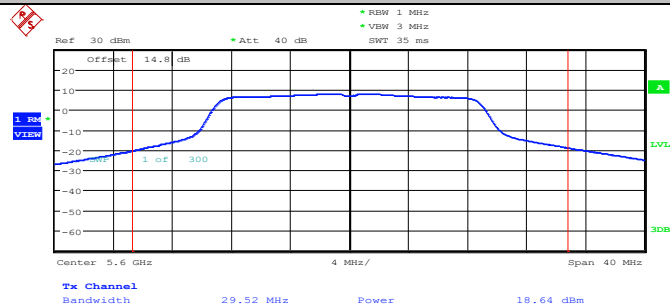
Date: 19.MAY.2026 09:35:56

11N20SISO-Ant1-5500-PASS



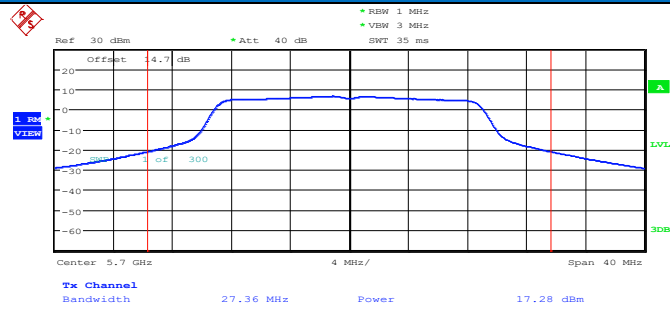
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11N20SISO-Ant1-5600-PASS



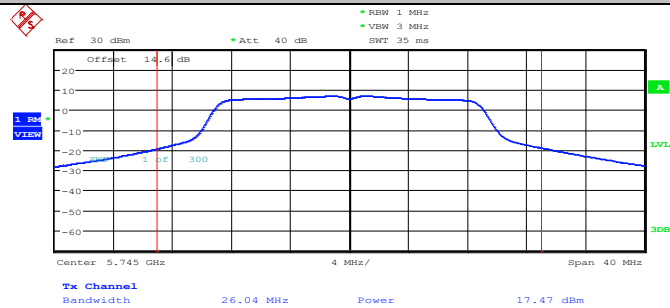
Date: 19.MAY.2026 09:52:50

11N20SISO-Ant1-5700-PASS



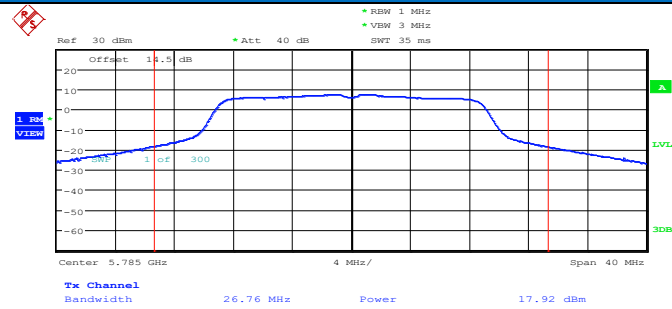
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11N20SISO-Ant1-5745-PASS



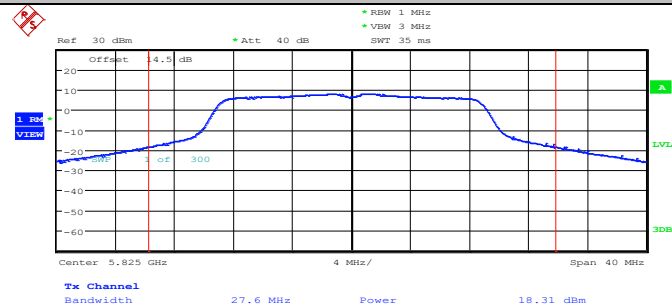
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11N20SISO-Ant1-5785-PASS



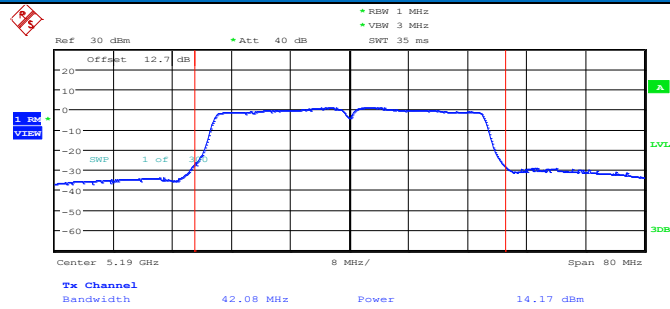
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11N20SISO-Ant1-5825-PASS



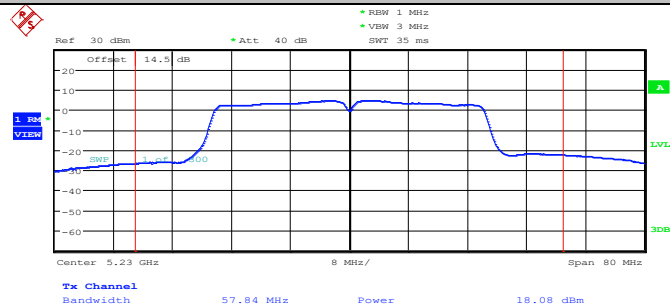
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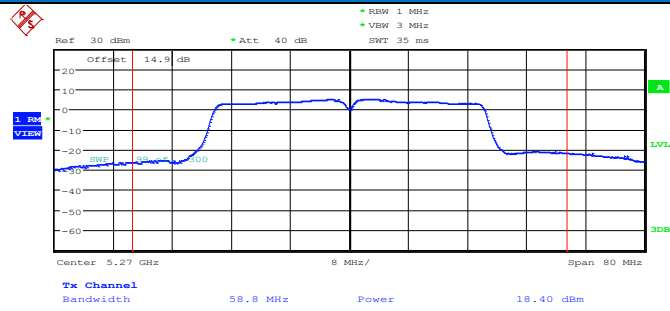
Date: 25.JUN.2026 20:32:10

11N40SISO-Ant1-5230-PASS



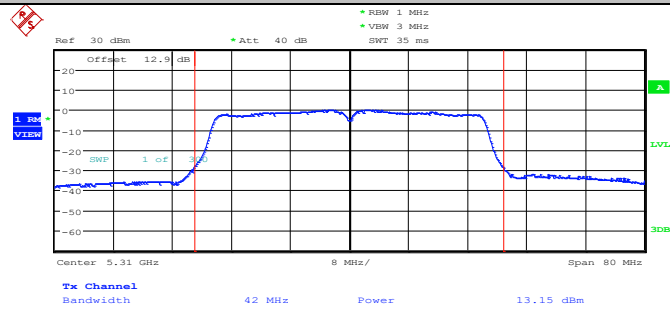
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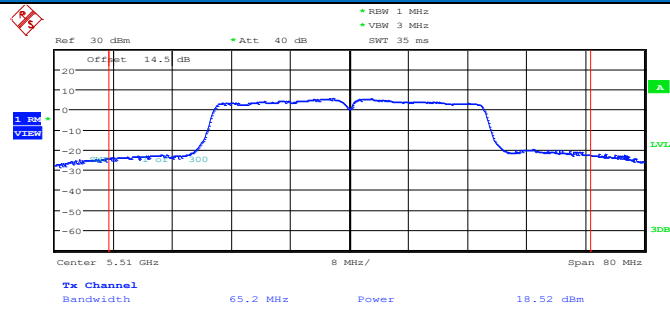
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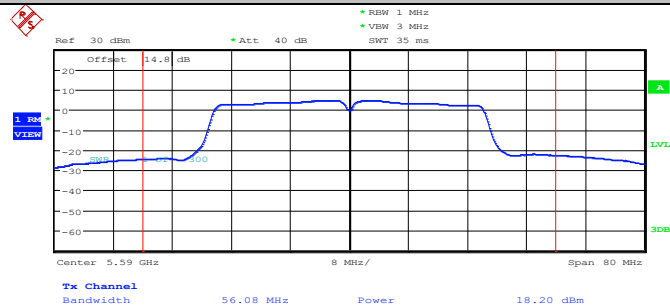
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11N40SISO-Ant1-5510-PASS



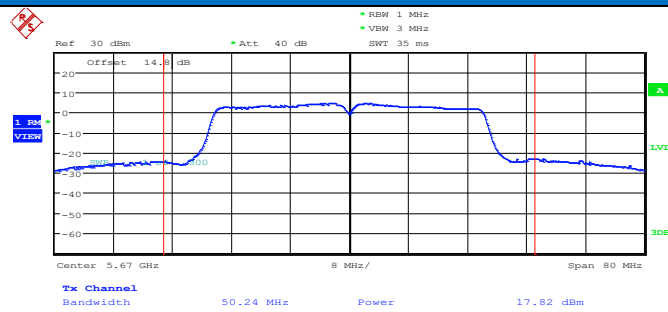
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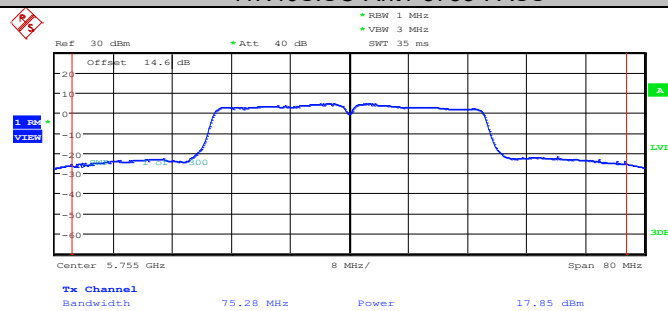
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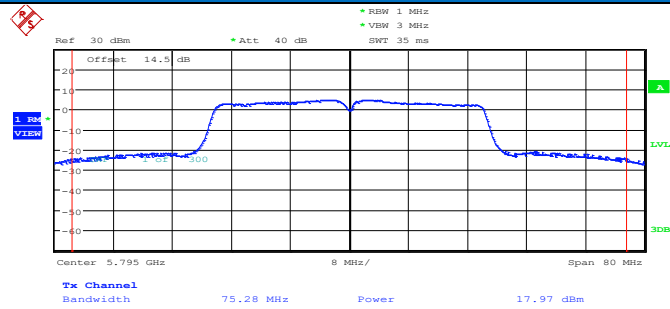
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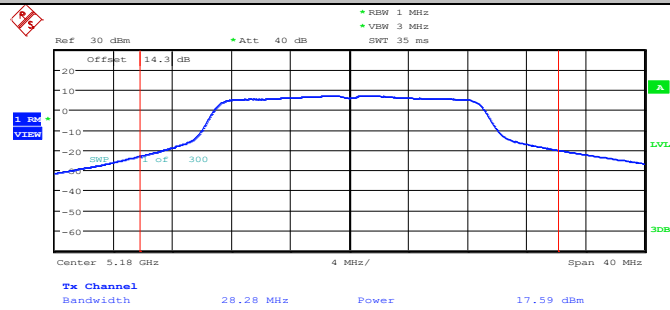
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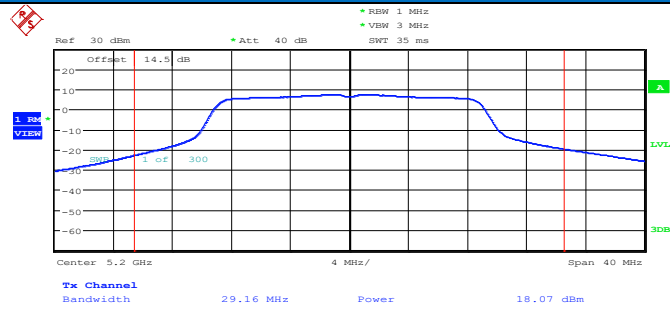
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11AC20SISO-Ant1-5180-PASS



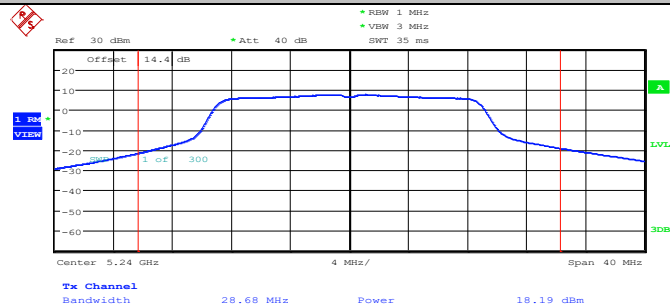
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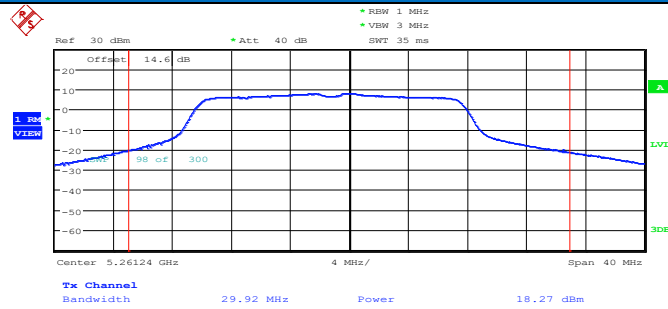
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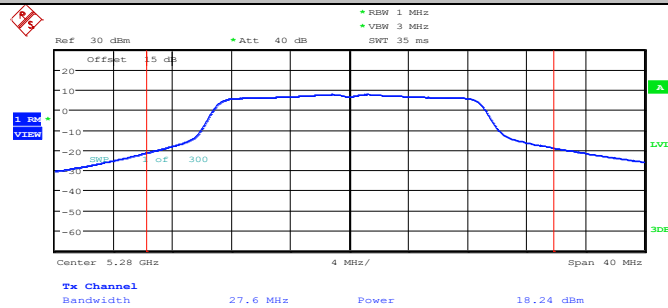
Date: 19.MAY.2026 11:30:37

11AC20SISO-Ant1-5260-PASS



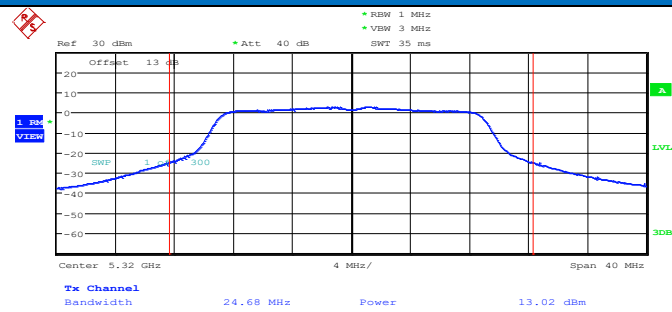
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11AC20SISO-Ant1-5280-PASS



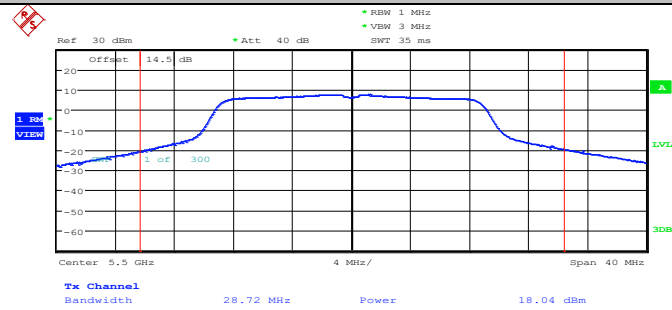
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11AC20SISO-Ant1-5320-PASS



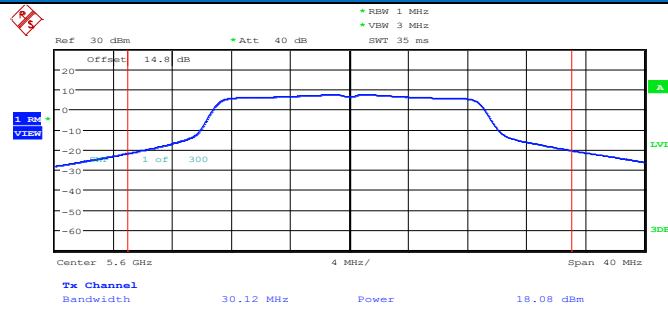
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11AC20SISO-Ant1-5500-PASS



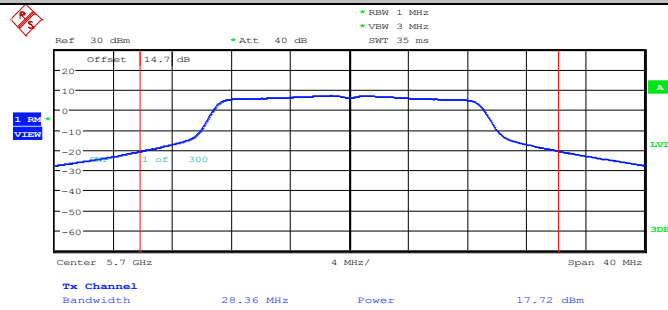
Date: 19.MAY.2026 14:19:48

11AC20SISO-Ant1-5600-PASS



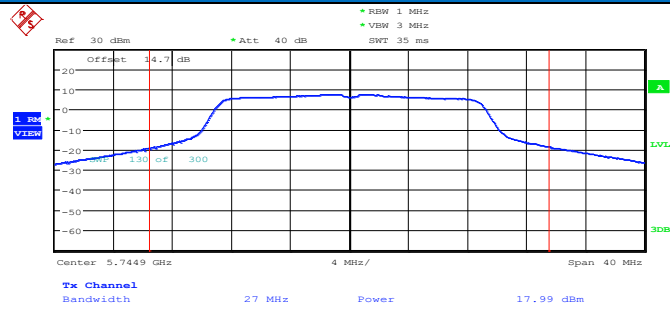
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11AC20SISO-Ant1-5700-PASS



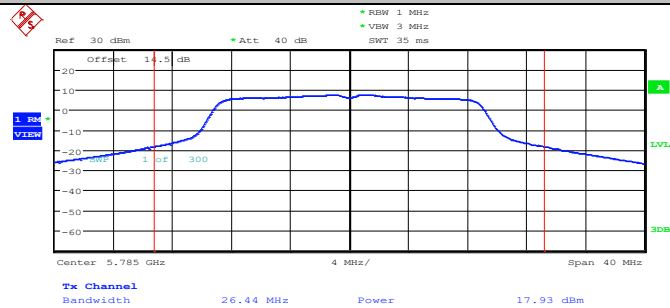
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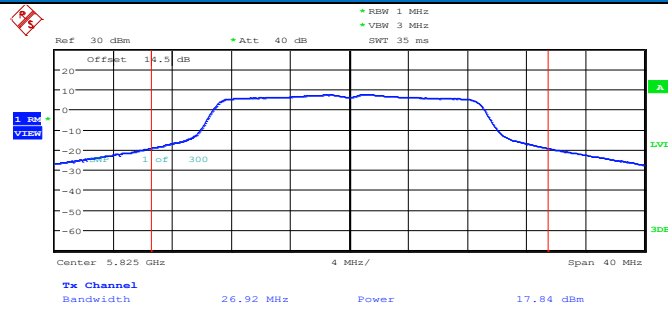
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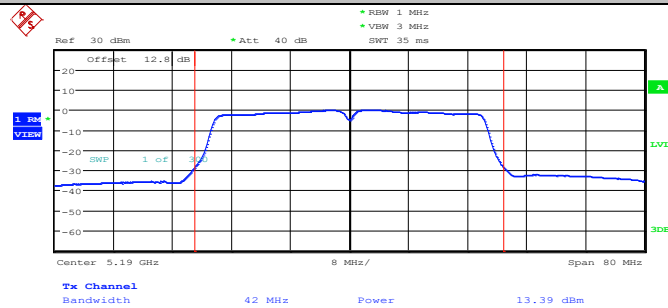
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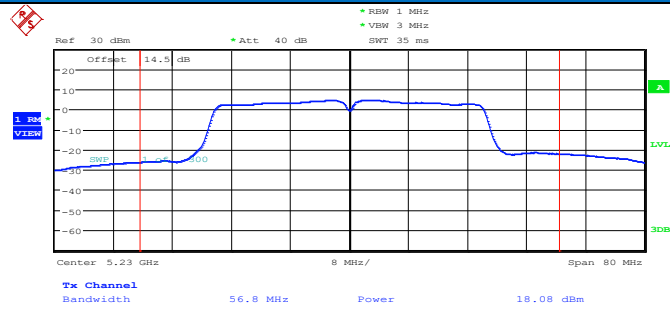
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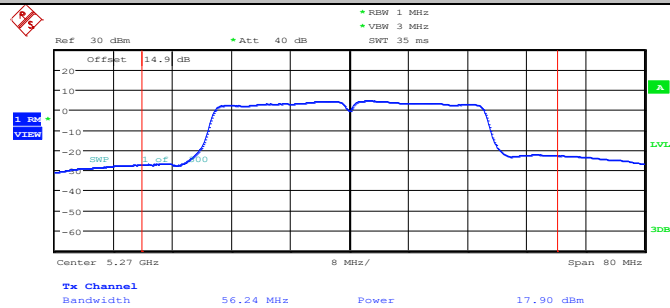
Date: 26.JUN.2026 09:10:40

11AC40SISO-Ant1-5230-PASS



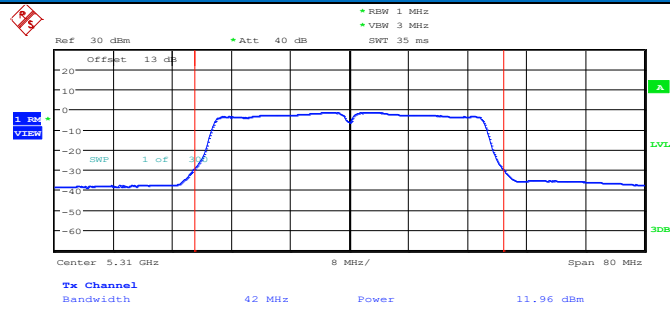
Date: 19.MAY.2026 14:44:56

11AC40SISO-Ant1-5270-PASS



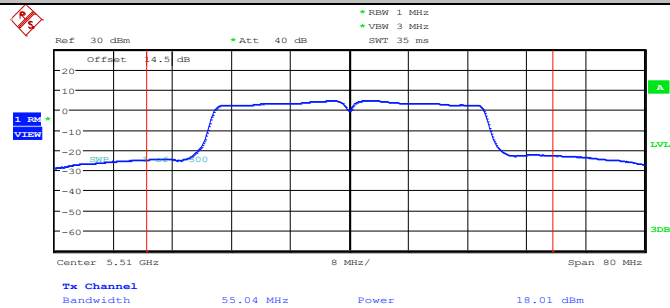
Date: 19.MAY.2026 14:49:26

11AC40SISO-Ant1-5310-PASS



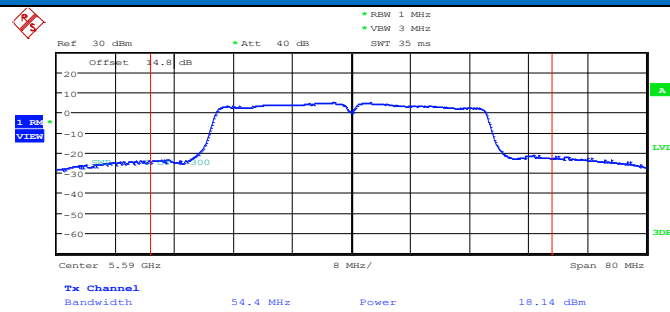
Date: 26.JUN.2026 09:13:10

11AC40SISO-Ant1-5510-PASS



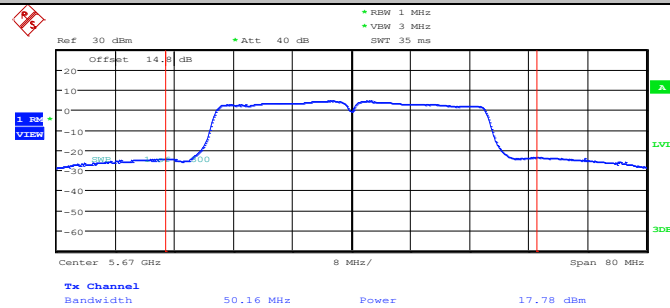
Date: 19.MAY.2026 15:01:54

11AC40SISO-Ant1-5590-PASS



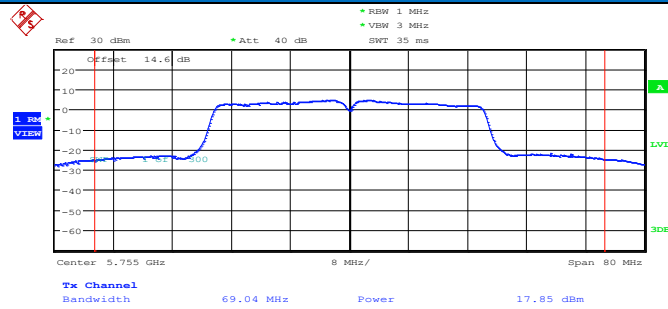
Date: 19.MAY.2026 15:05:04

11AC40SISO-Ant1-5670-PASS



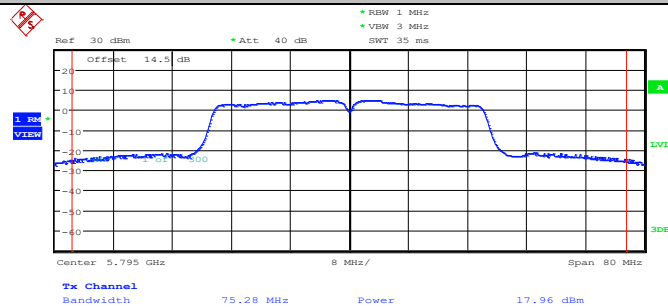
Date: 19.MAY.2026 15:08:00

11AC40SISO-Ant1-5755-PASS



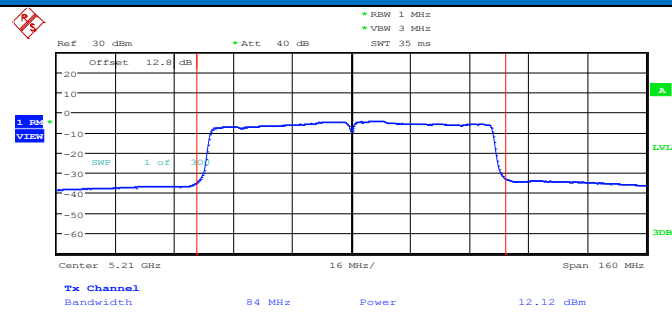
Date: 19.MAY.2026 16:24:41

11AC40SISO-Ant1-5795-PASS



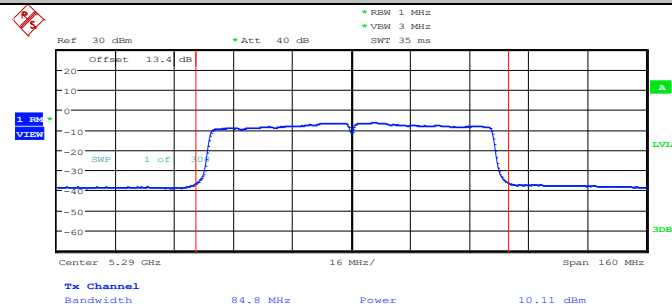
Date: 19.MAY.2026 16:31:59

11AC80SISO-Ant1-5210-PASS



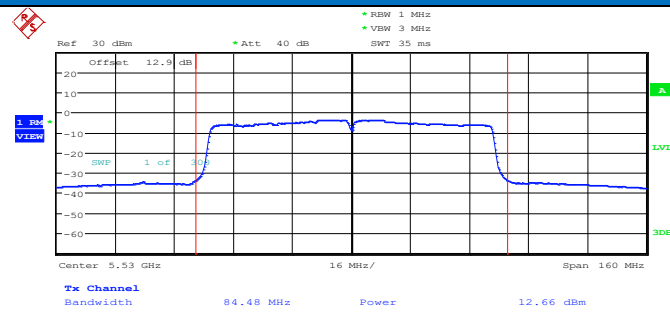
Date: 26.JUN.2026 09:17:21

11AC80SISO-Ant1-5290-PASS



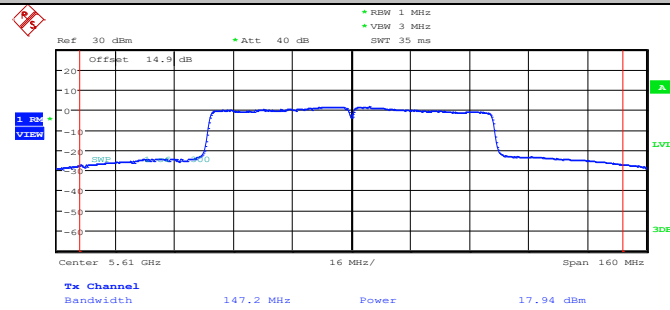
Date: 26.JUN.2026 09:19:52

11AC80SISO-Ant1-5530-PASS



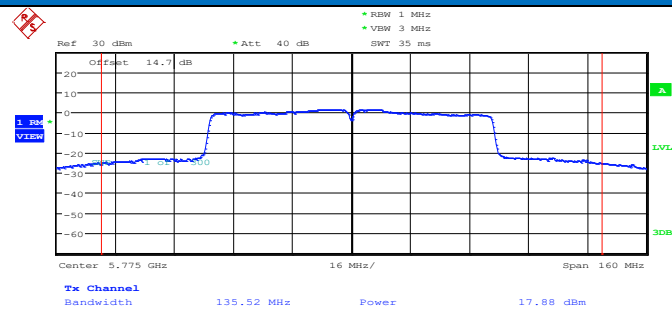
Date: 26.JUN.2026 09:22:18

11AC80SISO-Ant1-5610-PASS



Date: 19.MAY.2026 15:24:54

11AC80SISO-Ant1-5775-PASS



Date: 19.MAY.2026 16:37:48

Remark:

$Av.Power = Meas.Level + 10 \log(1/duty\ cycle)$

$E.i.r.p = Av.Power + G$,

G = antenna gain in dBi.

Appendix C): Maximum Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II F

Test Procedure:

For 5150-5725MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 1MHz.
4. Set the VBW $\geq 3 \times$ RBW. Detector = Peak. Trace mode = max hold.

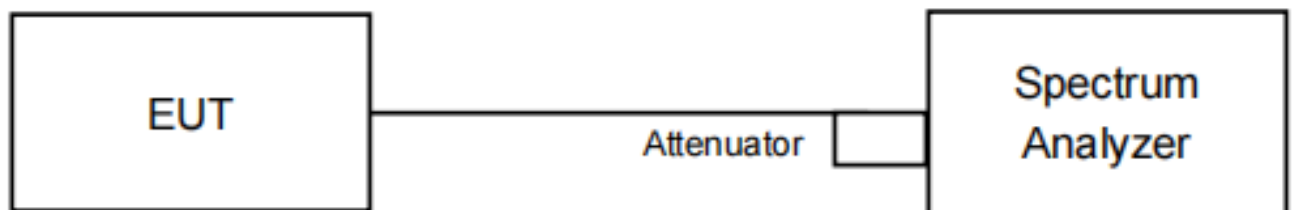
For 5725-5850MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 500KHz.
4. Set the VBW $\geq 3 \times$ RBW. Detector = Peak. Trace mode = max hold.

Limit:

Frequency band(MHz)	Limit
5150-5250	$\leq 17\text{dBm}$ in 1MHz for master device
	$\leq 11\text{dBm}$ in 1MHz for client device
5250-5350	$\leq 11\text{dBm}$ in 1MHz for client device
5470-5725	$\leq 11\text{dBm}$ in 1MHz for client device
5725-5850	$\leq 30\text{dBm}$ in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

Test Setup Diagram

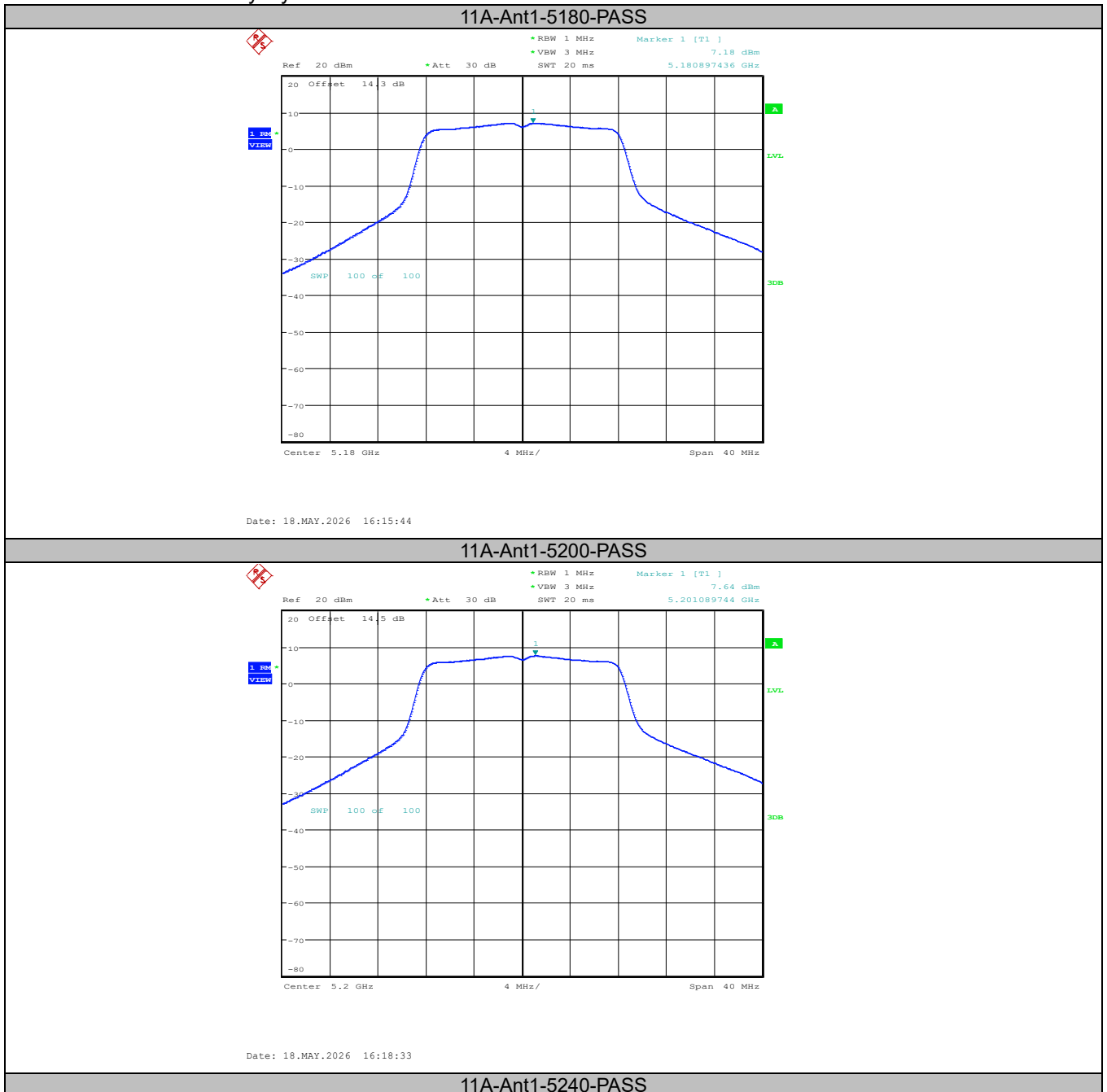


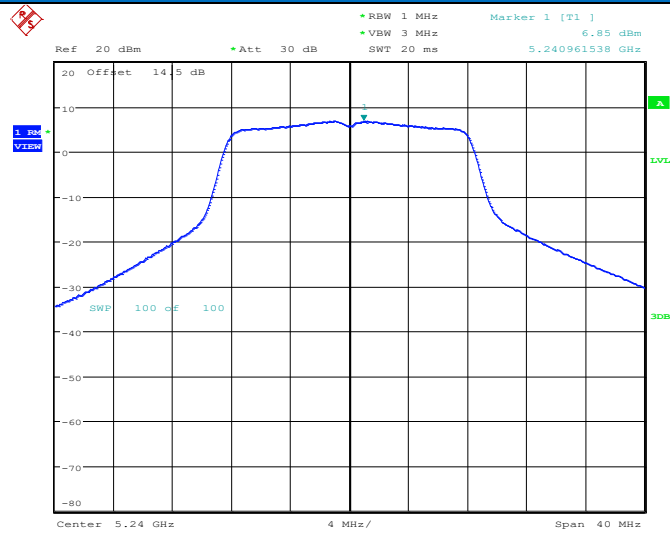
Result Table

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.18	≤11.00	PASS
11A	Ant1	5200	7.64	≤11.00	PASS
11A	Ant1	5240	6.85	≤11.00	PASS
11A	Ant1	5260	6.85	≤11.00	PASS
11A	Ant1	5280	7.30	≤11.00	PASS
11A	Ant1	5320	2.57	≤11.00	PASS
11A	Ant1	5500	8.18	≤11.00	PASS
11A	Ant1	5600	8.12	≤11.00	PASS
11A	Ant1	5700	6.89	≤11.00	PASS
11A	Ant1	5745	4.24	≤30.00	PASS
11A	Ant1	5785	4.70	≤30.00	PASS
11A	Ant1	5825	4.70	≤30.00	PASS
11N20SISO	Ant1	5180	7.13	≤11.00	PASS
11N20SISO	Ant1	5200	7.54	≤11.00	PASS
11N20SISO	Ant1	5240	7.77	≤11.00	PASS
11N20SISO	Ant1	5260	7.68	≤11.00	PASS
11N20SISO	Ant1	5280	7.05	≤11.00	PASS
11N20SISO	Ant1	5320	7.70	≤11.00	PASS
11N20SISO	Ant1	5500	7.82	≤11.00	PASS
11N20SISO	Ant1	5600	7.85	≤11.00	PASS
11N20SISO	Ant1	5700	6.53	≤11.00	PASS
11N20SISO	Ant1	5745	3.95	≤30.00	PASS
11N20SISO	Ant1	5785	4.42	≤30.00	PASS
11N20SISO	Ant1	5825	4.77	≤30.00	PASS
11N40SISO	Ant1	5190	0.66	≤11.00	PASS
11N40SISO	Ant1	5230	4.48	≤11.00	PASS
11N40SISO	Ant1	5270	4.77	≤11.00	PASS
11N40SISO	Ant1	5310	-0.54	≤11.00	PASS
11N40SISO	Ant1	5510	4.87	≤11.00	PASS
11N40SISO	Ant1	5590	4.54	≤11.00	PASS
11N40SISO	Ant1	5670	4.19	≤11.00	PASS
11N40SISO	Ant1	5755	1.34	≤30.00	PASS
11N40SISO	Ant1	5795	1.53	≤30.00	PASS
11AC20SISO	Ant1	5180	6.83	≤11.00	PASS
11AC20SISO	Ant1	5200	7.31	≤11.00	PASS
11AC20SISO	Ant1	5240	7.43	≤11.00	PASS
11AC20SISO	Ant1	5260	7.49	≤11.00	PASS
11AC20SISO	Ant1	5280	7.44	≤11.00	PASS
11AC20SISO	Ant1	5320	2.25	≤11.00	PASS
11AC20SISO	Ant1	5500	7.30	≤11.00	PASS
11AC20SISO	Ant1	5600	7.23	≤11.00	PASS
11AC20SISO	Ant1	5700	6.97	≤11.00	PASS
11AC20SISO	Ant1	5745	4.44	≤30.00	PASS
11AC20SISO	Ant1	5785	4.39	≤30.00	PASS
11AC20SISO	Ant1	5825	4.28	≤30.00	PASS
11AC40SISO	Ant1	5190	-0.22	≤11.00	PASS
11AC40SISO	Ant1	5230	4.43	≤11.00	PASS
11AC40SISO	Ant1	5270	4.28	≤11.00	PASS
11AC40SISO	Ant1	5310	-1.69	≤11.00	PASS
11AC40SISO	Ant1	5510	4.44	≤11.00	PASS
11AC40SISO	Ant1	5590	4.48	≤11.00	PASS
11AC40SISO	Ant1	5670	4.18	≤11.00	PASS
11AC40SISO	Ant1	5755	1.35	≤30.00	PASS
11AC40SISO	Ant1	5795	1.43	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.59	≤11.00	PASS
11AC80SISO	Ant1	5290	-6.52	≤11.00	PASS
11AC80SISO	Ant1	5530	1.60	≤11.00	PASS
11AC80SISO	Ant1	5610	1.08	≤11.00	PASS
11AC80SISO	Ant1	5775	-1.73	≤30.00	PASS

Remark:

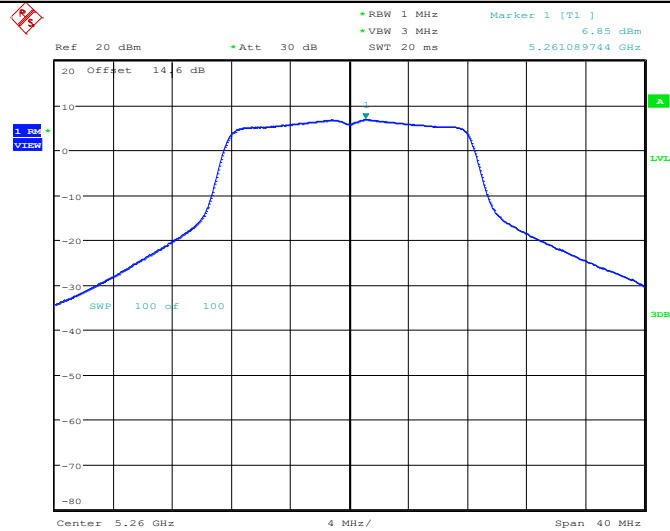
PSD = Meas PSD + Duty Cycle Factor





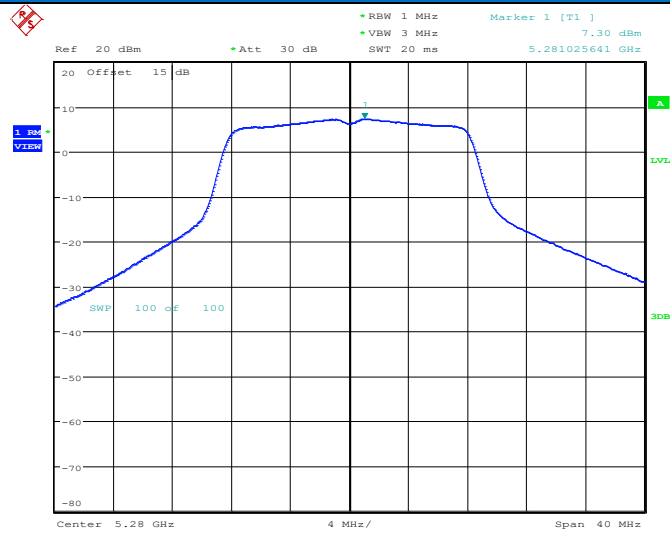
Date: 18.MAY.2026 16:24:08

11A-Ant1-5260-PASS



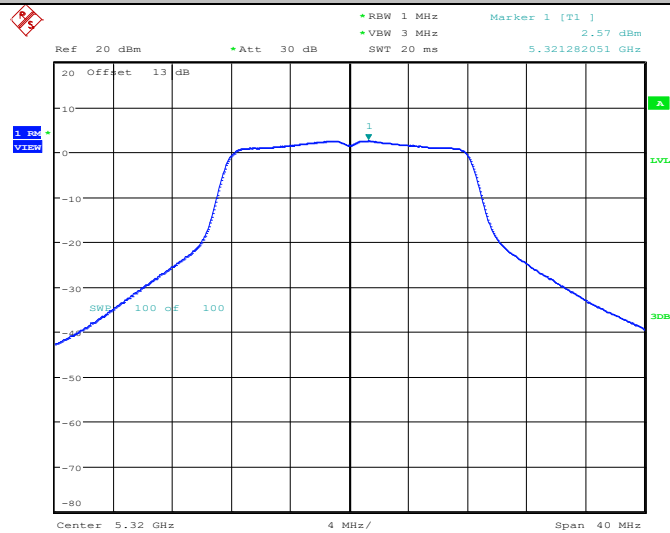
Date: 18.MAY.2026 16:32:10

11A-Ant1-5280-PASS



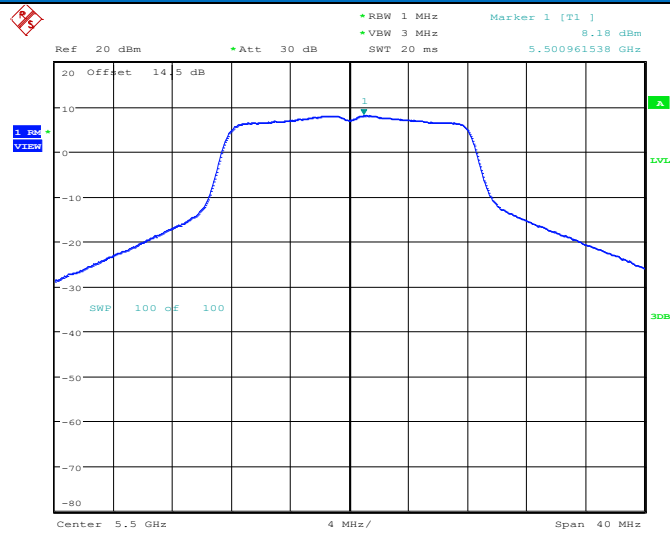
Date: 18.MAY.2026 16:43:38

11A-Ant1-5320-PASS



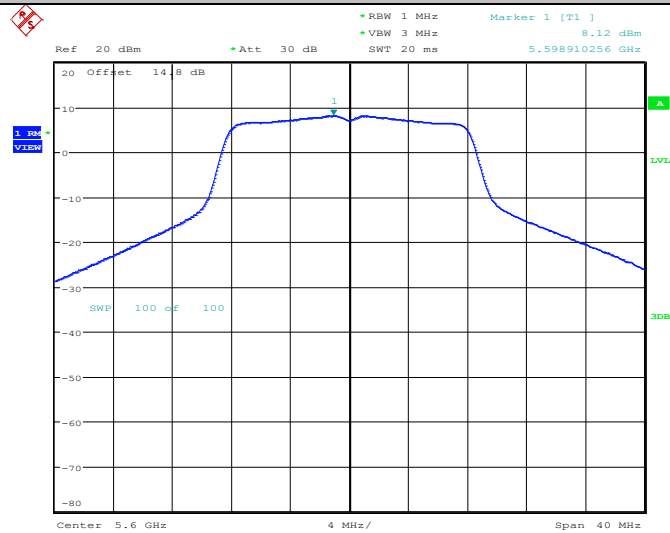
Date: 25.JUN.2026 20:30:12

11A-Ant1-5500-PASS



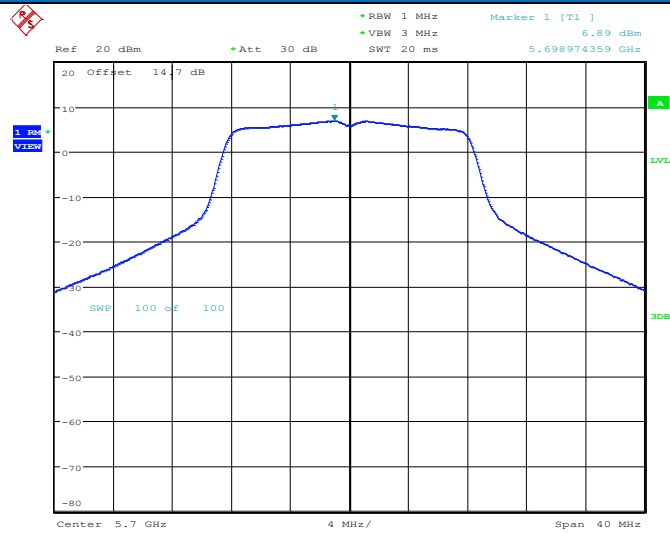
Date: 18.MAY.2026 16:55:23

11A-Ant1-5600-PASS



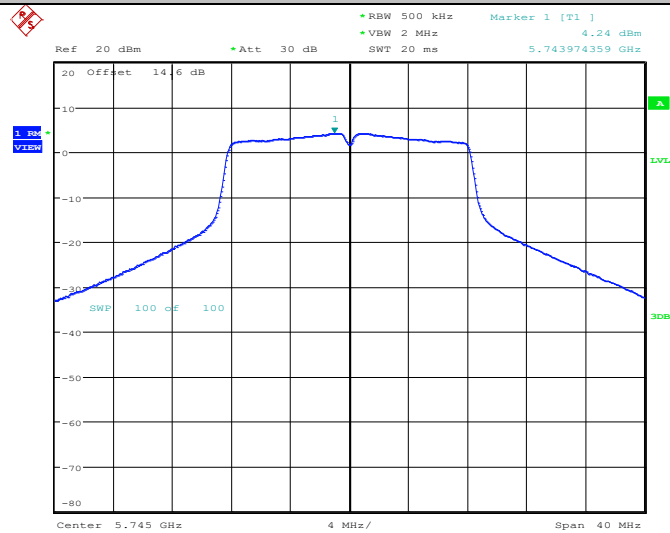
Date: 18.MAY.2026 16:57:30

11A-Ant1-5700-PASS



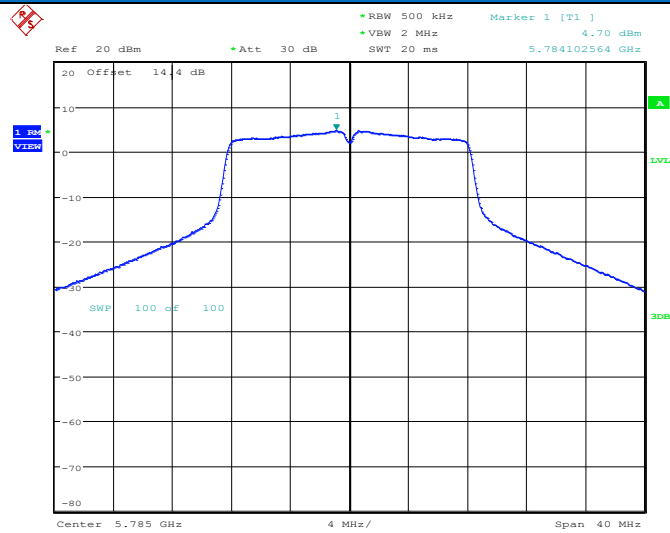
Date: 18.MAY.2026 17:01:02

11A-Ant1-5745-PASS



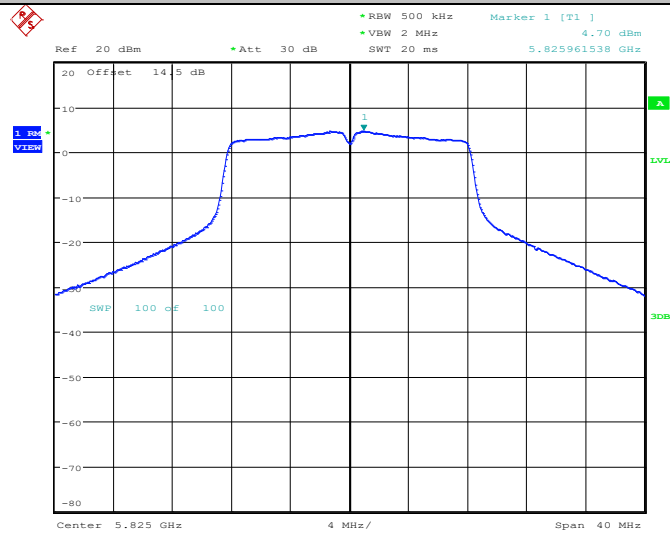
Date: 19.MAY.2026 15:36:25

11A-Ant1-5785-PASS



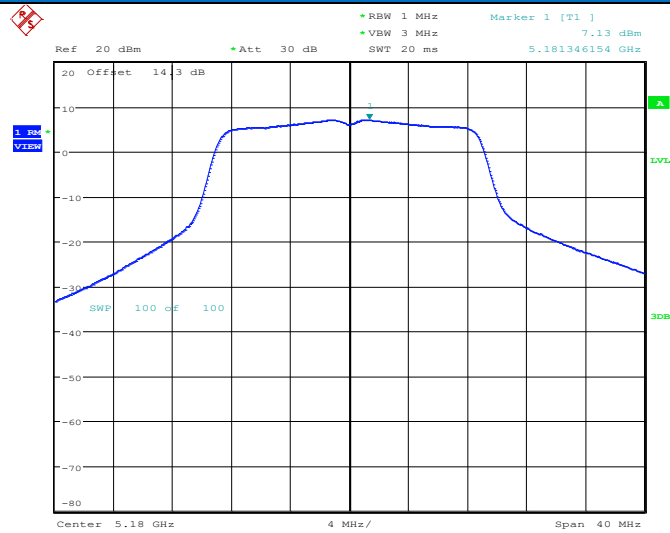
Date: 19.MAY.2026 15:41:38

11A-Ant1-5825-PASS



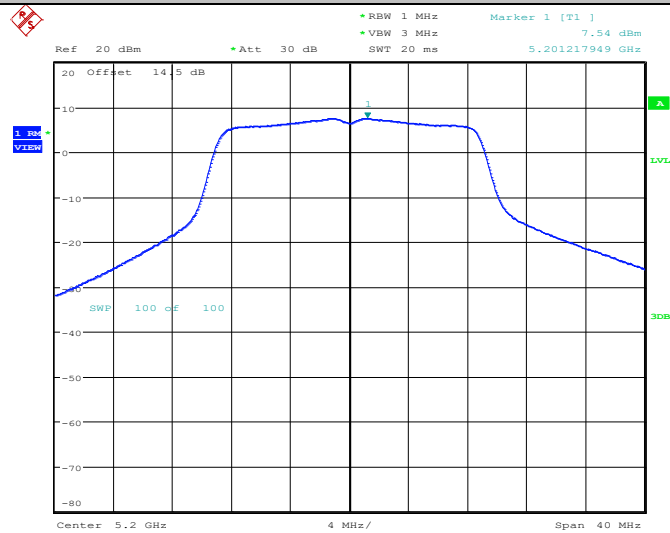
Date: 19.MAY.2026 15:46:44

11N20SISO-Ant1-5180-PASS



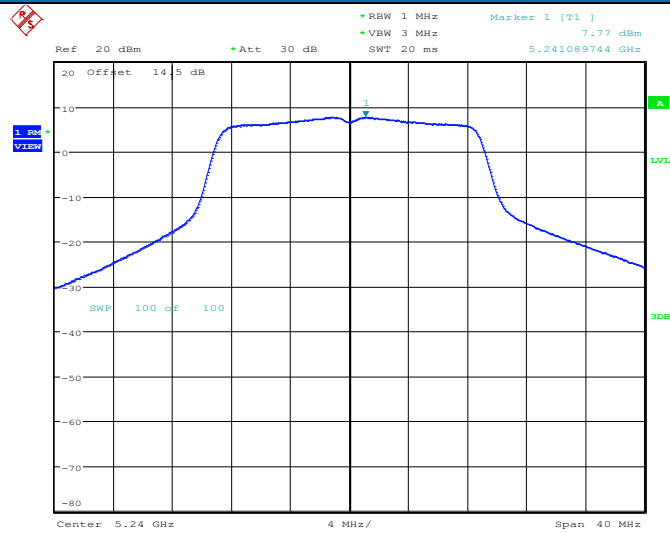
Date: 19.MAY.2026 09:09:23

11N20SISO-Ant1-5200-PASS



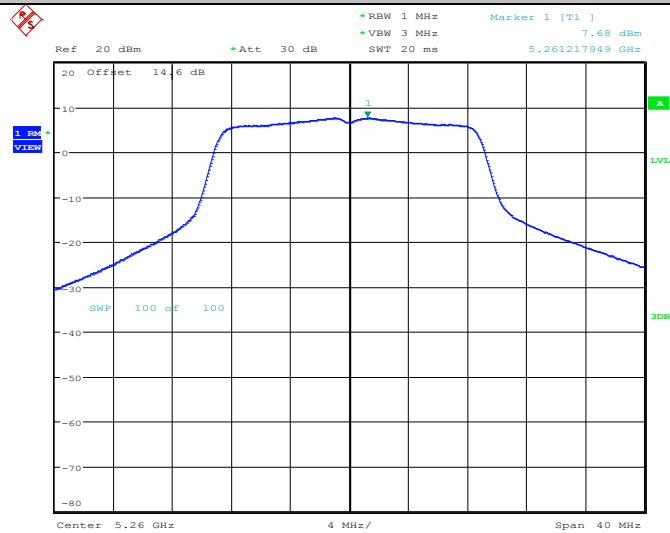
Date: 19.MAY.2026 09:18:59

11N20SISO-Ant1-5240-PASS



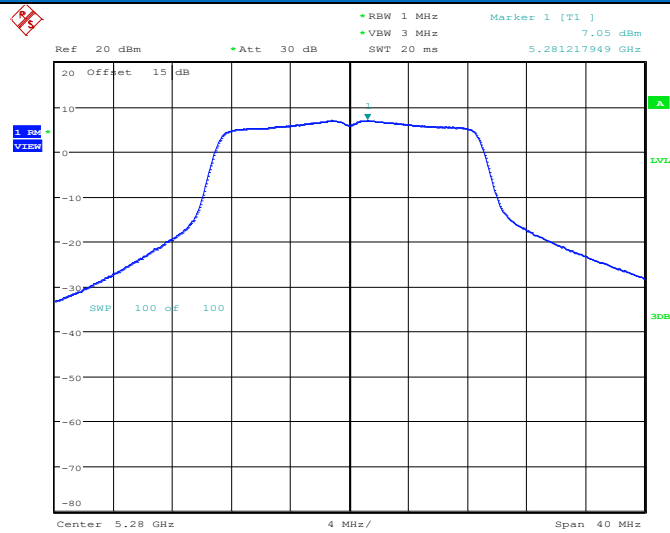
Date: 19.MAY.2026 09:24:36

11N20SISO-Ant1-5260-PASS



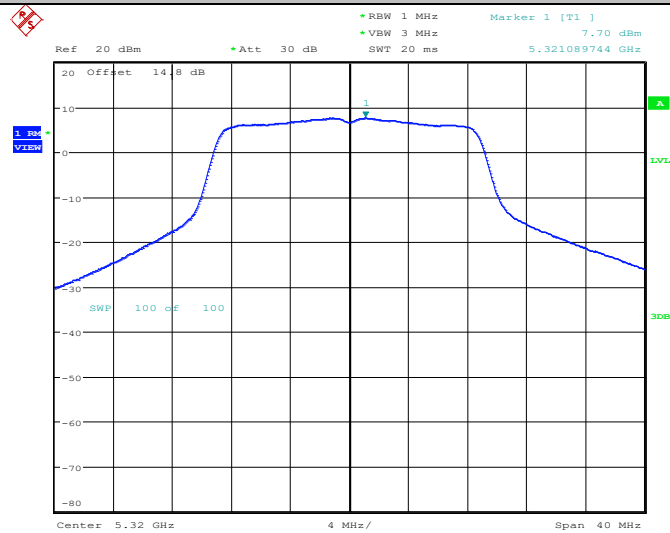
Date: 19.MAY.2026 09:27:02

11N20SISO-Ant1-5280-PASS



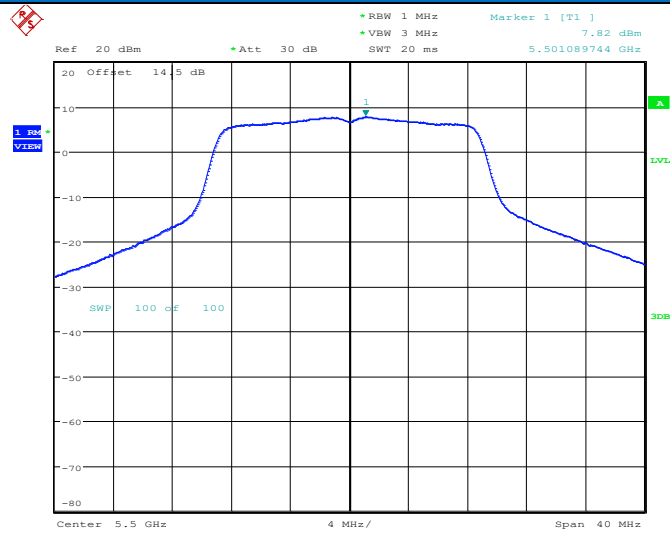
Date: 19.MAY.2026 09:44:05

11N20SISO-Ant1-5320-PASS



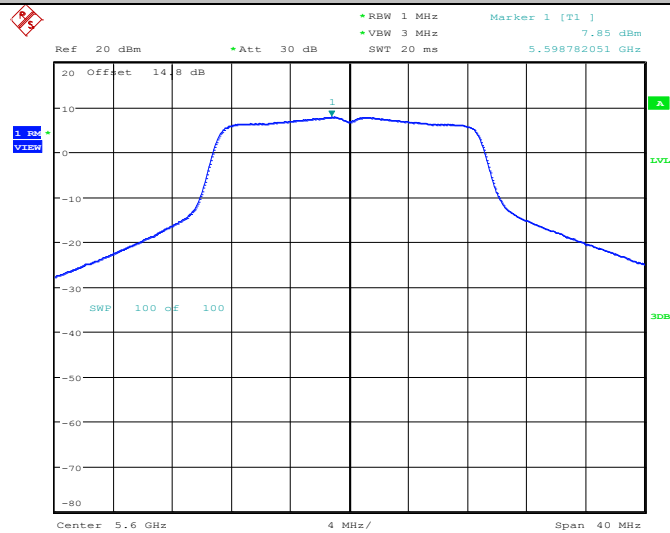
Date: 19.MAY.2026 09:36:04

11N20SISO-Ant1-5500-PASS



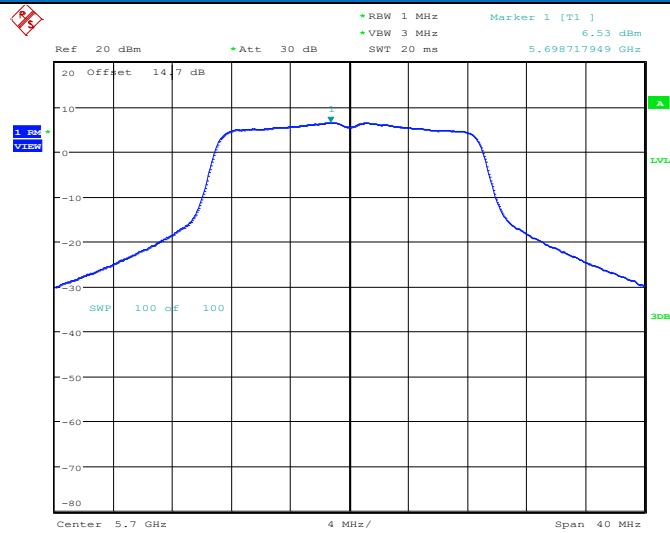
Date: 19.MAY.2026 09:47:47

11N20SISO-Ant1-5600-PASS



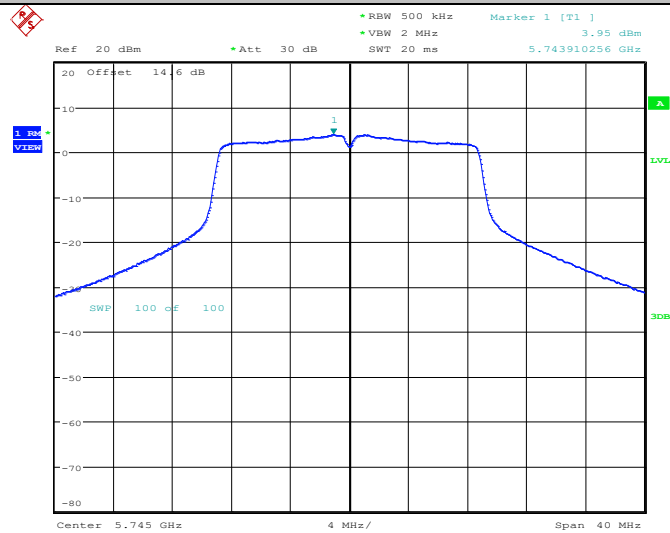
Date: 19.MAY.2026 09:52:59

11N20SISO-Ant1-5700-PASS



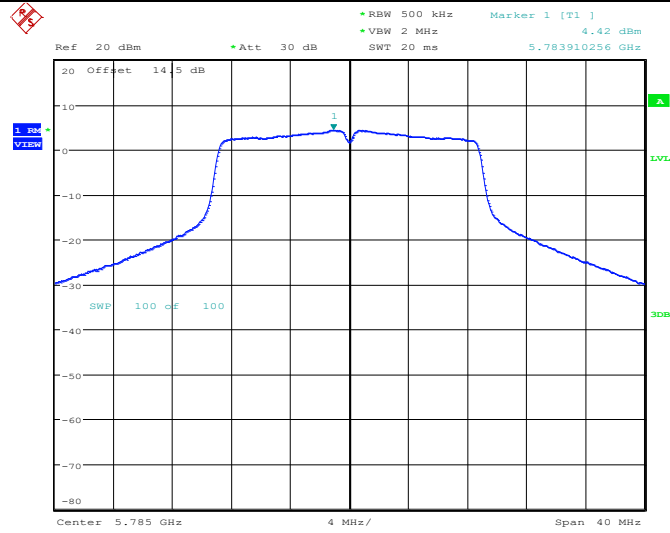
Date: 19.MAY.2026 09:57:23

11N20SISO-Ant1-5745-PASS



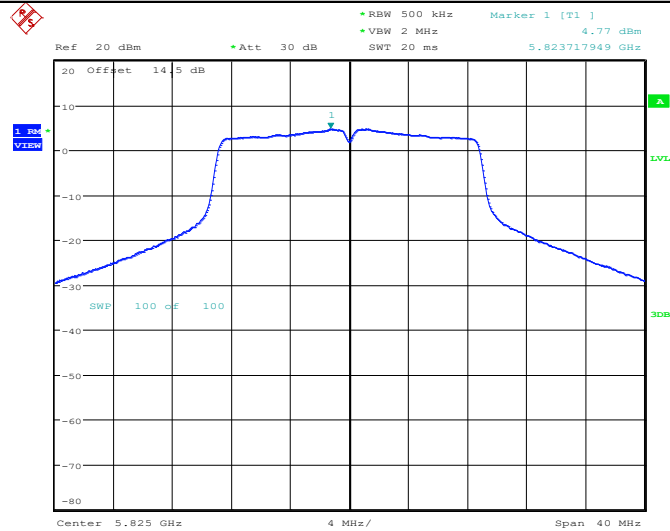
Date: 19.MAY.2026 15:52:58

11N20SISO-Ant1-5785-PASS



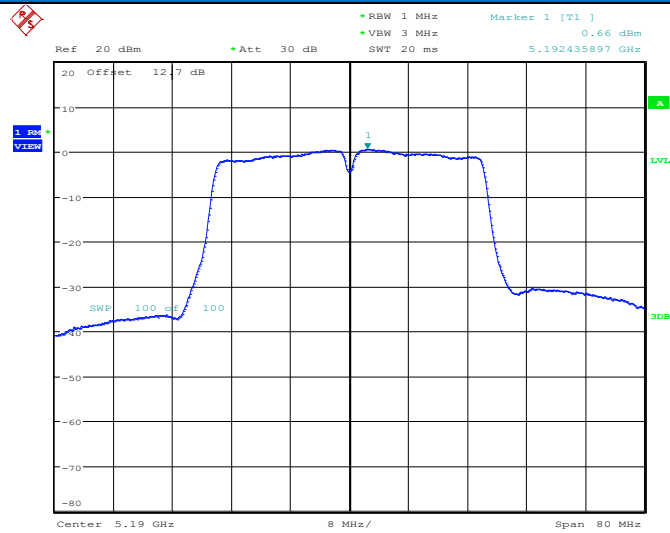
Date: 19.MAY.2026 15:54:52

11N20SISO-Ant1-5825-PASS



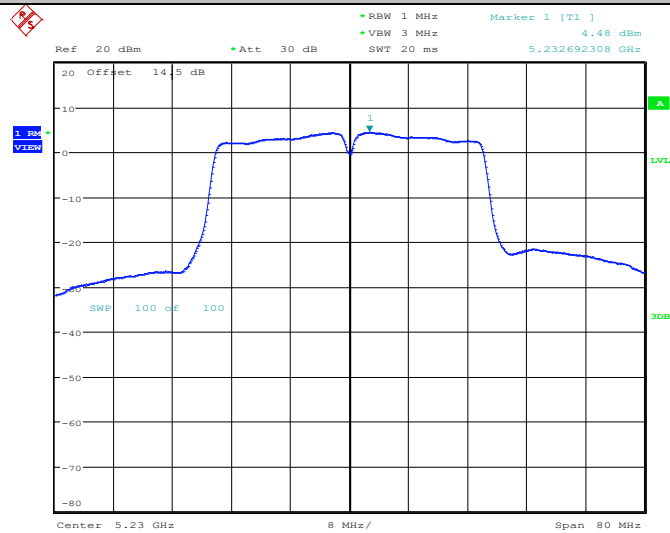
Date: 19.MAY.2026 15:58:37

11N40SISO-Ant1-5190-PASS



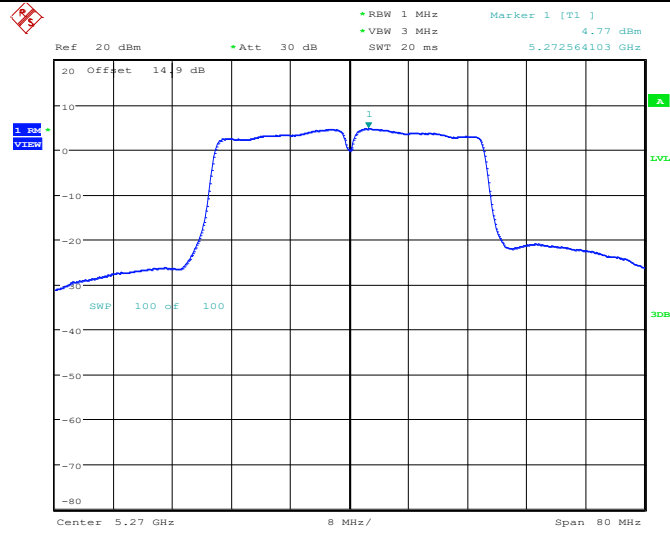
Date: 25.JUN.2026 20:32:19

11N40SISO-Ant1-5230-PASS



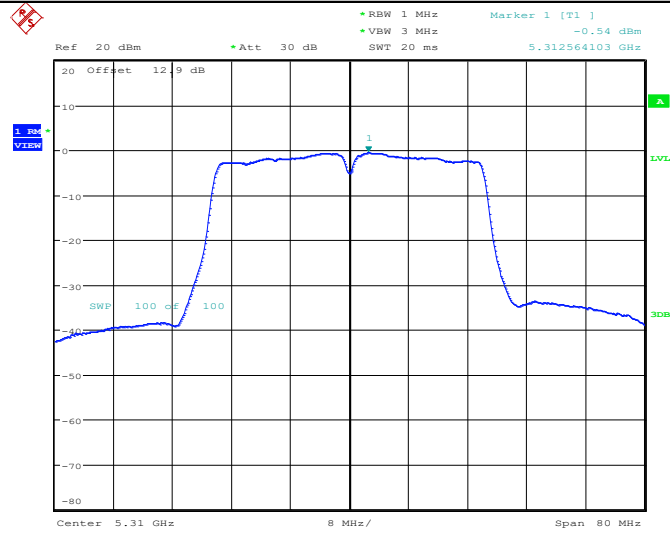
Date: 19.MAY.2026 10:21:57

11N40SISO-Ant1-5270-PASS



Date: 19.MAY.2026 10:24:00

11N40SISO-Ant1-5310-PASS



Date: 25.JUN.2026 20:33:49

11N40SISO-Ant1-5510-PASS