



Engineering Solutions & Electromagnetic Compatibility Services

FCC & ISED Certification Report

**Harris Corporation
221 Jefferson Ridge Parkway
Lynchburg, VA 24501**

Model: XL-95P 7/800 MHz Portable Land Mobile Radio

**FCC ID: OWDTR-0162-E
IC: 3636B-0162**

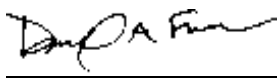
March 22, 2021

Standards Referenced for this Report	
Part 2: 2019	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
Part 90: 2019	Private Land Mobile Radio Services
ANSI C63.26-2017	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
RSS-119 Issue 12	Land Mobile and Fixed Radio Transmitters and Receivers 27.41 to 960.0 MHz

Report Prepared By: Daniel W. Baltzell

Document Number: 2020127TNF

I, the undersigned, hereby declare that the equipment tested and referenced in this report conforms to the identified standard(s) as described in this test report. No modifications were made to the equipment during testing in order to achieve compliance with these standards. Furthermore, there was no deviation from, additions to, or exclusions from the standards referenced above.

Signature: 

Date: March 22, 2021

Typed/Printed Name: Desmond A. Fraser

Position: President

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This report replaces R1.1.*

*These tests are accredited and meet the requirements of ISO/IEC 17025 as verified by ANAB.
Refer to certificate and scope of accreditation AT-1445.*

Grant Note	FCC Rule Part	Frequency Range (MHz)	Rated Conducted Output Power (W)	Frequency Tolerance (ppm)	Emission Designator	Transmit Mode
EF	90	763 – 775	2.5	0.1	16K0F3E	Analog FM (Wideband)
EF	90	793 – 805	2.5	0.1	16K0F3E	
EF	90	806 – 825	3.0	0.1	16K0F3E	
EF	90	851 – 870	3.0	0.1	16K0F3E	
EF	90	763 – 775	2.5	0.1	16K0F1D/E	2-level FSK 9600 Data/Digital Voice (Wideband)
EF	90	793 – 805	2.5	0.1	16K0F1D/E	
EF	90	806 – 825	3.0	0.1	16K0F1D/E	
EF	90	851 – 870	3.0	0.1	16K0F1D/E	
	90	806 – 809	3.0	0.1	14K0F3E	Analog FM (NPSPAC)
	90	851 – 854	3.0	0.1	14K0F3E	
	90	806 – 809	3.0	0.1	14K0F1D/E	2-level FSK 9600 Data/Digital Voice (NPSPAC)
	90	851 – 854	3.0	0.1	14K0F1D/E	
EF	90	763 – 775	2.5	0.1	11K0F3E	Analog FM (Narrowband)
EF	90	793 – 805	2.5	0.1	11K0F3E	
EF	90	806 – 825	3.0	0.1	11K0F3E	
EF	90	851 – 870	3.0	0.1	11K0F3E	
EF	90	763 – 775	2.5	0.1	11K7F1D/E	2-level FSK 9600 Data/Digital Voice (Narrowband)
EF	90	793 – 805	2.5	0.1	11K7F1D/E	
EF	90	806 – 825	3.0	0.1	11K7F1D/E	
EF	90	851 – 870	3.0	0.1	11K7F1D/E	
EF	90	763 – 775	2.5	0.1	8K40F1D/E	C4FM Data/Voice
EF	90	793 – 805	2.5	0.1	8K40F1D/E	
EF	90	806 – 825	3.0	0.1	8K40F1D/E	
EF	90	851 – 870	3.0	0.1	8K40F1D/E	
EF	90	763 – 775	2.5	0.1	8K10DXW	H-CPM (TDMA) Data/Voice
EF	90	793 – 805	2.5	0.1	8K10DXW	
EF	90	806 – 825	3.0	0.1	8K10DXW	
EF	90	851 – 870	3.0	0.1	8K10DXW	
EF	90	809 – 825	3.0	0.1	18K5F1W	HVD-SMR
EF	90	854 – 870	3.0	0.1	18K5F1W	
	90	806 – 809	3.0	0.1	12K9F1W	HVD-NPSPAC
	90	851 – 854	3.0	0.1	12K9F1W	

**low power itinerant channels are limited to 2 W ERP.*

This device contains functions that are not operational in U.S Territories except as noted in the filing. The grant is requested to list extended frequencies as noted in the filing and Section 2.927(b) applies to this application.

Additionally, as this is a combined FCC and ISED test report, there are test frequencies contained within this report that may not be authorized for use in either the United States or Canada.

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1 Test Result Summary

Test	FCC Reference	ISED Reference	Result
RF Power Output	2.1046(a), 90.541(d)	RSS-119 4.1, 5.4	Complies
Spurious Emissions at Antenna Terminals	2.1051, 90.210	RSS-119 5.5, 5.8	Complies
Field Strength of Spurious Radiation	2.1053(a), 90.543, 90.210	RSS-119 5.5, 5.8	Complies
Occupied Bandwidth/Emission Masks	2.1049(c)(1), 90.210	RSS-119 5.5, 5.8	Complies
Adjacent Channel Power	90.543	RSS-119 4.3	Complies
Frequency Stability vs. Temperature and Voltage	2.1055, 90.213, 90.539	RSS-119 5.3	Complies
Modulation Characteristics	2.1047(a)(b)	RSS-119 5.2	Complies
Transient Frequency Response	90.214	RSS-119 5.9	N/A

2 General Information

The following Certification Report is prepared on behalf of Harris Corporation in accordance with the Federal Communications Commission and Innovation, Science and Economic Development Canada rules and regulations. The Equipment Under Test (EUT) was the XL-95P, Model # XL-x5-7/8; FCC ID: OWDTR-0162-E, IC: 3636B-0162.

The radio is subject to FCC SDoC. SDoC testing was performed and the data is contained in a separate SDoC report.

All measurements contained in this application were conducted in accordance with the applicable sections of FCC Rules and Regulations CFR 47 Parts 2 and 90. Calibration checks are performed regularly on the instruments, and all accessories including high pass filter, coaxial attenuator, preamplifier and cables.

2.1 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on the parking lot of Rhein Tech Laboratories, Inc. 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170.

2.2 Related Submittal(s)/Grant(s)

None.

2.3 Grant Notes

RF power switchable from 0.5 W to rated power 3 W.

2.4 Tested System Details

The test sample was received on December 10, 2020. Listed below are the identifiers and descriptions of all equipment, cables, and internal devices used with the EUT for this test, as applicable.

The device was programmed for multiple modes of operation and modulation types.

Table 2-1: Equipment Under Test (EUT)

Part	Manufacturer	Model/HVIN	Part/Serial Number	FCC ID	RTL Bar Code
Portable Radio	Harris Corporation	XL-95P/ XL-x5-7/8	14051-1000-01/A40198E2A015	OWDTR-0162-E	23758
Battery	Harris Corporation	7.4V 15Wh Li-Ion Rechargeable	14002-0214-02RevA/1119SM0015809	N/A	23760

Table 2-2: Auxiliary Equipment

Part	Manufacturer	Model/ Part Number	Serial Number	FCC ID	RTL Bar Code
Microphone	Harris Corporation	12150-1000-03	01HE3327	N/A	23762
Microphone	Harris Corporation	MC-011617-718 Rev C 2009	N/A	N/A	23764
½ Wave High Gain Whip Antenna	Harris Corporation	14002-0223-01	N/A	N/A	N/A
½ Wave Whip Antenna	Harris Corporation	14035-4440-01	N/A	N/A	N/A
¼ Wave Whip Antenna	Harris Corporation	14035-4440-02	N/A	N/A	N/A
½ Wave High Gain Whip Antenna	Harris Corporation	KRE1011506/1	N/A	N/A	N/A
¼ Wave Whip Antenna	Harris Corporation	KRE1011506/2	N/A	N/A	N/A

2.5 Configuration of Tested System

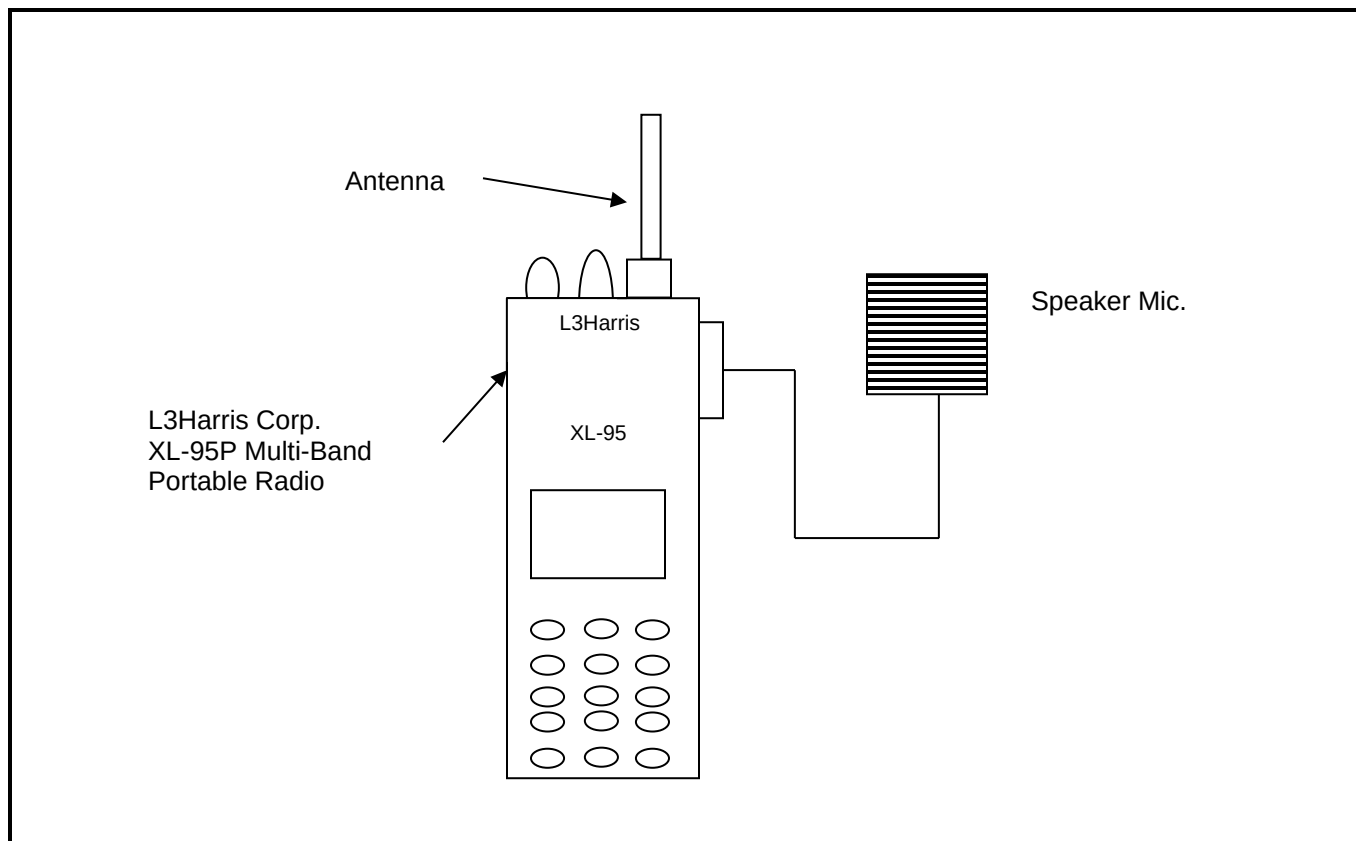


Figure 2-1: Configuration of Tested System

3 FCC Part 2.1033(C)(8): Voltages and Currents through the Final Amplifying Stage

7.4 VDC / 1.4 A

4 FCC Part 2.1046(a): RF Power Output: Conducted; Part 90.541(d) Transmitting power and antenna height requirements; ISED RSS-119 4.1: Transmitter Output Power

4.1 Test Procedure

ANSI C63.26, section 5.2

The EUT was connected to a coaxial attenuator having a 50 Ω load impedance. Manufacturer's rated power: 2.5 W for 700 MHz bands, 3 W for 800 MHz band.

4.2 Test Data

Table 4-1: RF Conducted Output Power – Measured

Frequency (MHz)	High Power (dBm)	High Power (W)	Low Power (dBm)	Low Power (W)
763.0125 (EF)	34.0	2.5	26.9	0.5
768.0125 (ISED)	34.0	2.5	26.9	0.5
769.0125	34.0	2.5	27.0	0.5
772.0000	34.0	2.5	26.9	0.5
774.9875	34.0	2.5	27.0	0.5
775.9875 (ISED)	34.0	2.5	26.9	0.5
793.0125 (EF)	34.1	2.6	26.9	0.5
798.0125 (ISED)	34.1	2.6	27.0	0.5
799.0125	34.1	2.6	27.0	0.5
802.0000	34.1	2.5	27.0	0.5
804.9875	34.1	2.5	26.9	0.5
805.9875 (ISED)	34.1	2.5	27.0	0.5
806.0125	34.9	3.1	27.3	0.5
815.0000	34.9	3.1	27.3	0.5
823.9875	34.9	3.1	27.3	0.5
824.9875 (EF)	34.8	3.0	27.2	0.5
851.0125	35.0	3.2	27.4	0.5
860.0000	35.0	3.1	27.3	0.5
868.9875	35.0	3.1	27.1	0.5
869.9875 (EF)	35.0	3.1	27.3	0.5

Notes: Data presented is for analog mode. All other modes were investigated and found to have equivalent power within measurement tolerances.

Table 4-2: Test Equipment Used For Testing RF Power Output - Conducted

RTL Asset #	Manufacturer	Model	Part Type	Serial Number	Calibration Due Date
901581	Rohde & Schwarz	FSU	Spectrum Analyzer	1166.1660.50	4/26/21
901724	API Weinschel, Inc.	48-40-34	40 dB 100W Attenuator	CJ8921	9/15/21

Measurement uncertainties shown for these tests are expanded uncertainties expressed at the 95% confidence level using a coverage factor K=2. Measurement uncertainty: ± 0.5 dB

Results: Pass

Test Personnel:

Daniel W. Baltzell		December 12, 2020
EMC Test Engineer	Signature	Date of Test

5 FCC Part 2.1051: Spurious Emissions at Antenna Terminals; Part 90.210: Emission Limitations; ISED RSS-119 5.8: Transmitter Unwanted Emissions

5.1 Test Procedure

ANSI C63.26, Section 5.7

The transmitter is terminated with a 50 Ω load and interfaced with a spectrum analyzer.

Device with digital modulation: Modulated to its maximum extent using a pseudo-random data sequence.

5.2 Test Data

Frequency range of measurement per Part 2.1057: 9 kHz to 10 x Fc

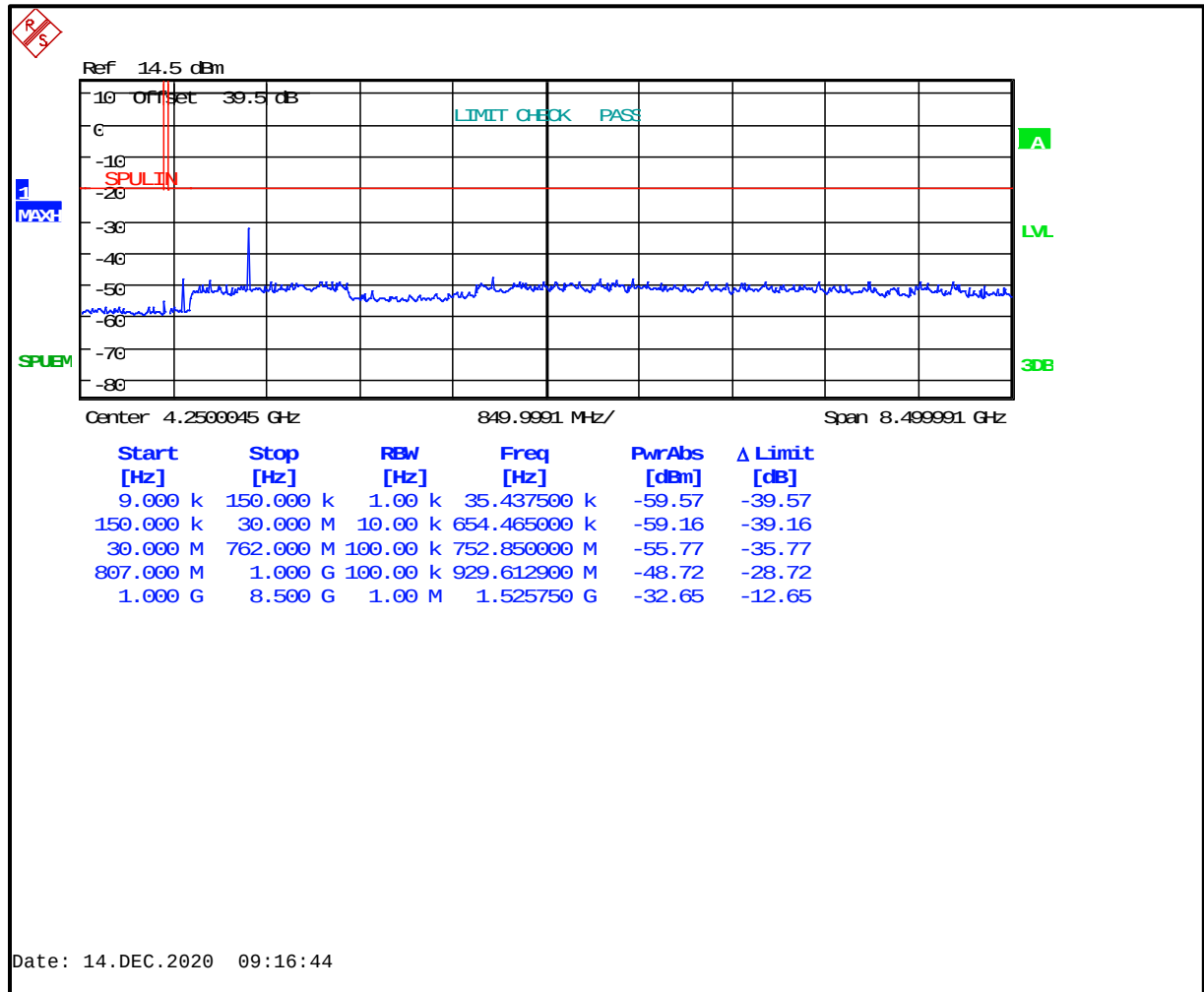
Limits: (43+10LOG P(W)) for wideband and 50 + 10 LOG P(W)) for narrowband

The following channels (in MHz) were investigated:

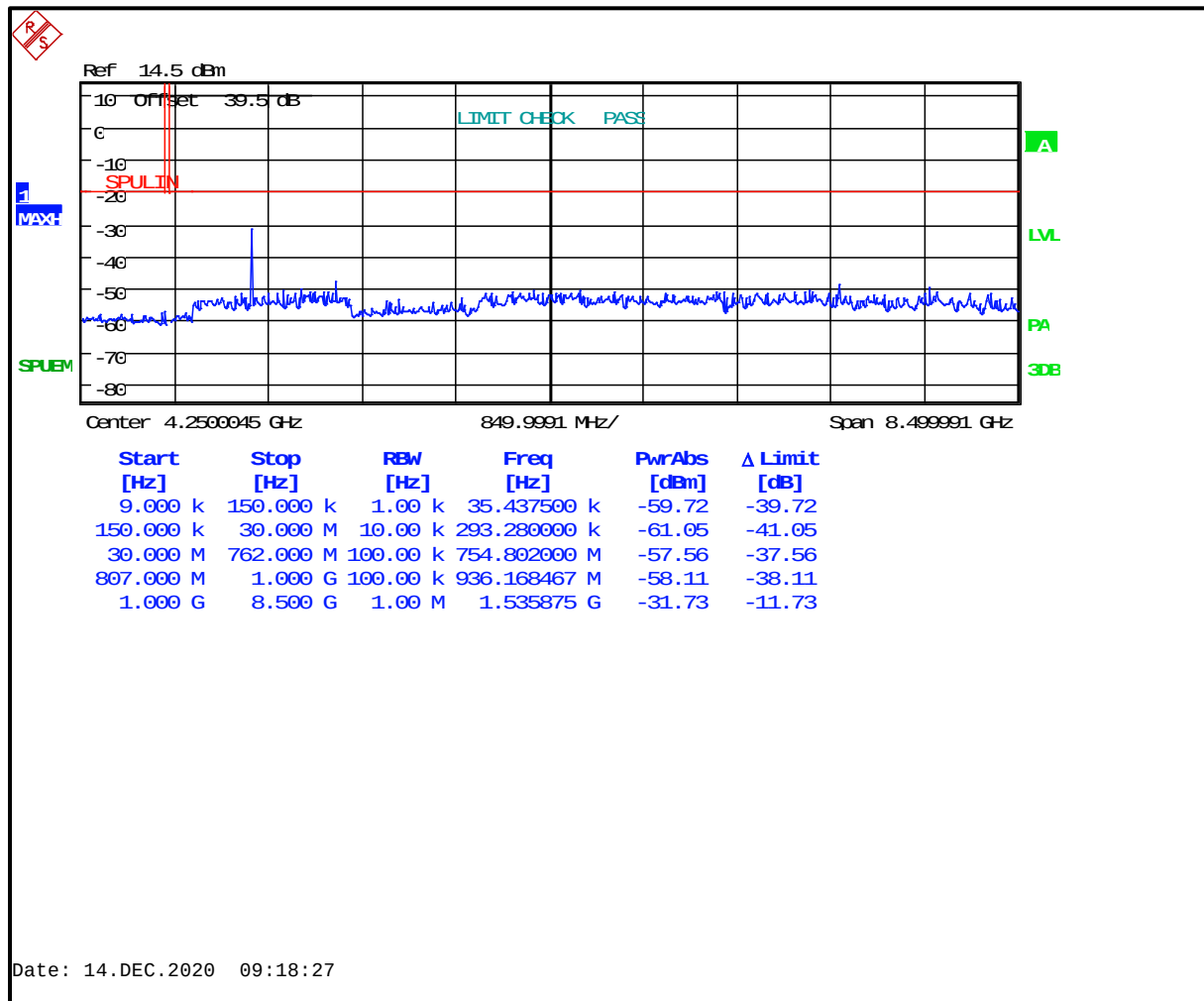
700 MHz	800 MHz
763.0125	806.0125
768.0125	815.0000
769.0125	823.9875
772.0000	824.9875
774.9875	851.0125
775.9875	860.0000
793.0125	868.9875
798.0125	869.9875
799.0125	
802.0000	
804.9875	
805.9875	

Both high and low power settings were checked; high power was found to be worst case and is presented. All modes were investigated.

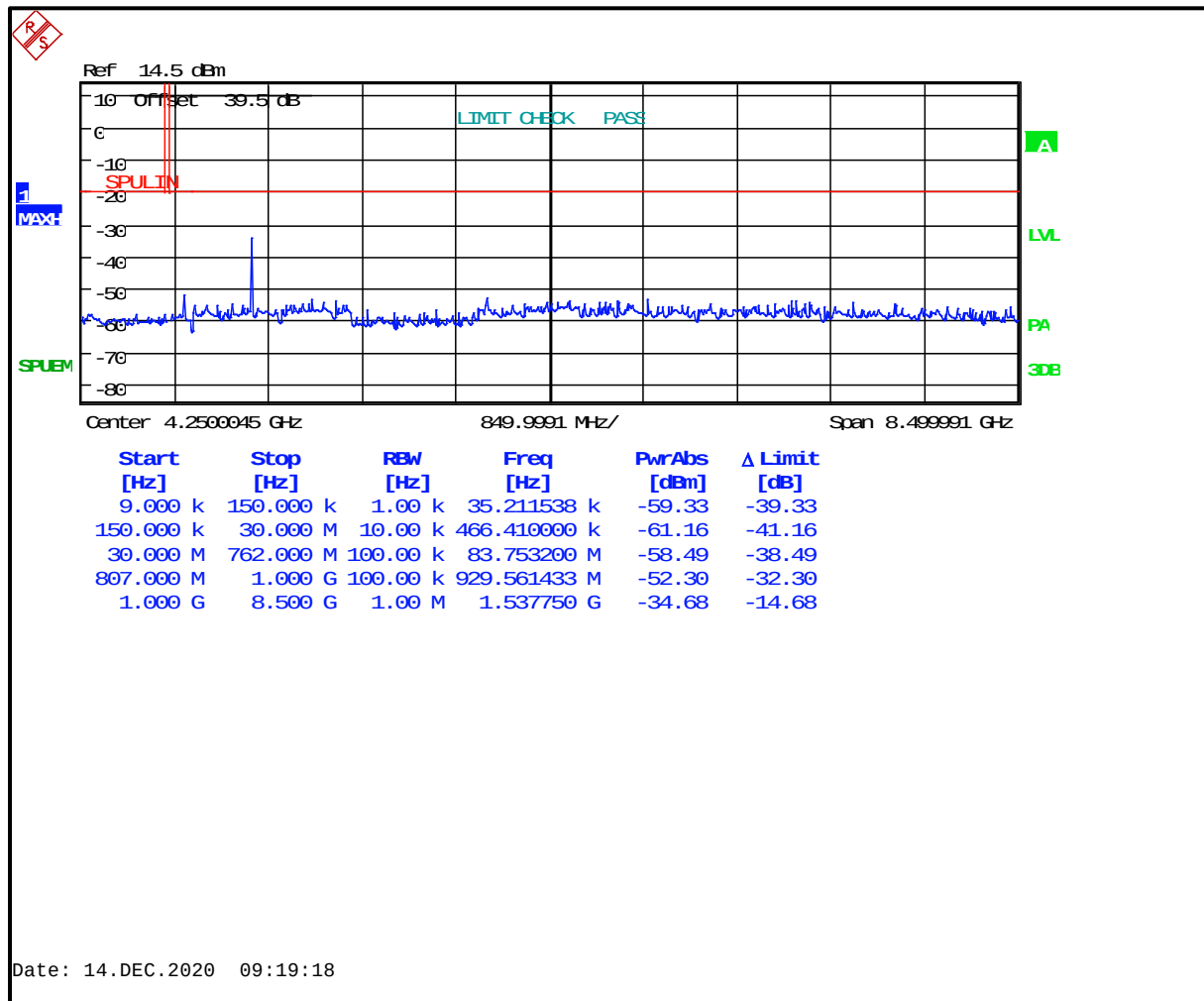
Plot 5-1: Antenna Spurious Emissions - 763.0125 MHz; NB Analog Mode



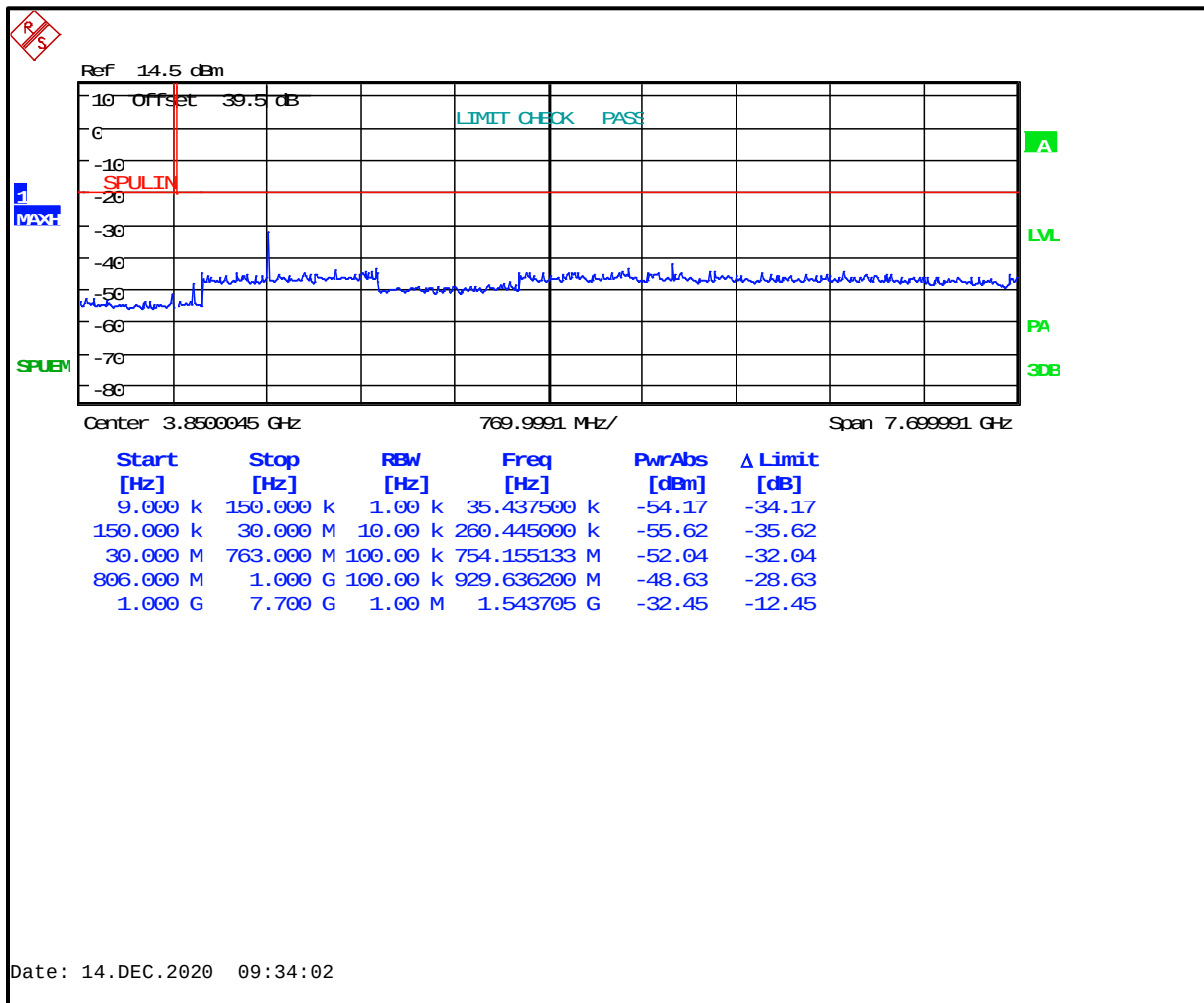
Plot 5-2: Antenna Spurious Emissions - 768.0125 MHz; NB Analog



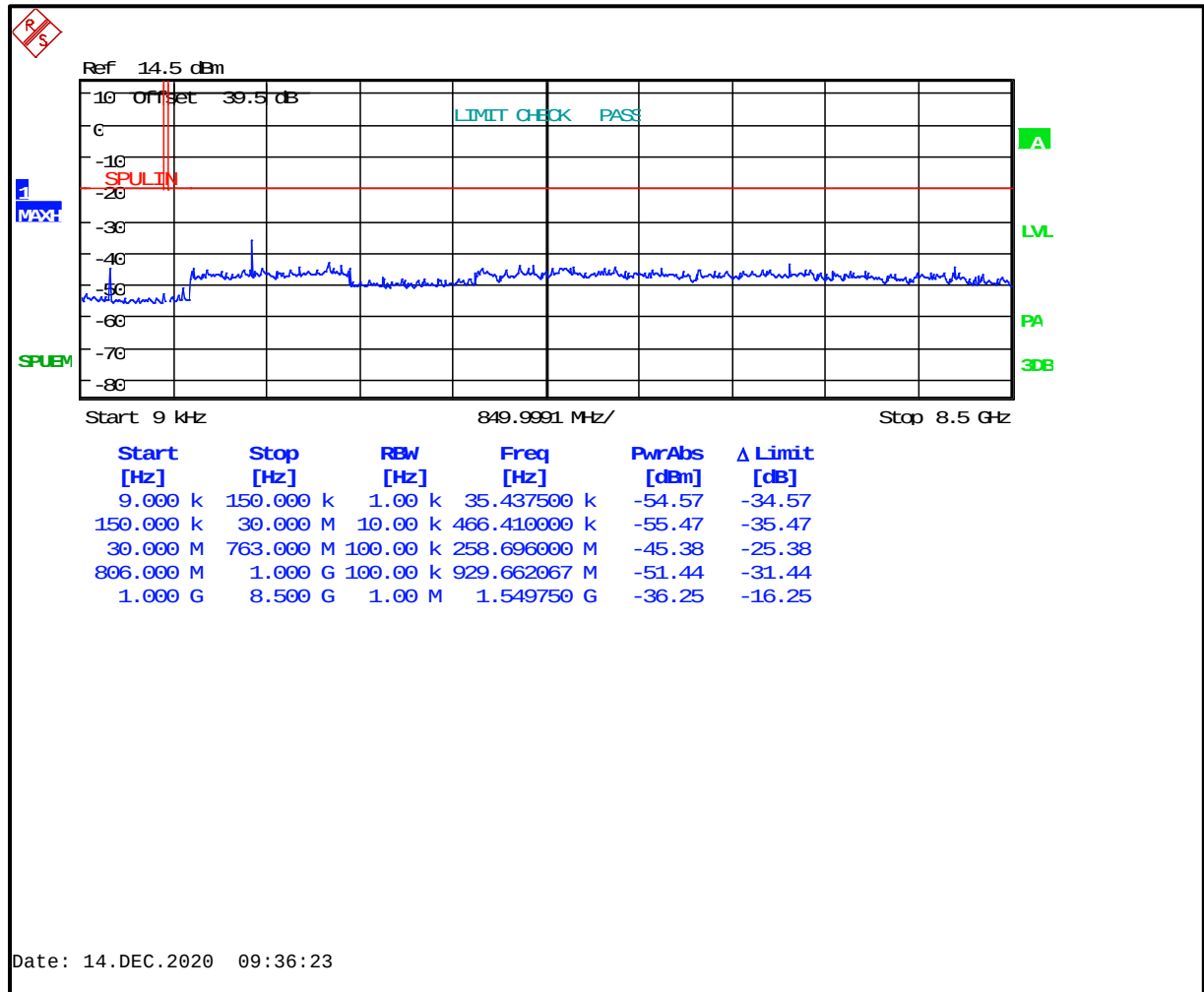
Plot 5-3: Antenna Spurious Emissions - 769.0125 MHz; NB Analog Mode



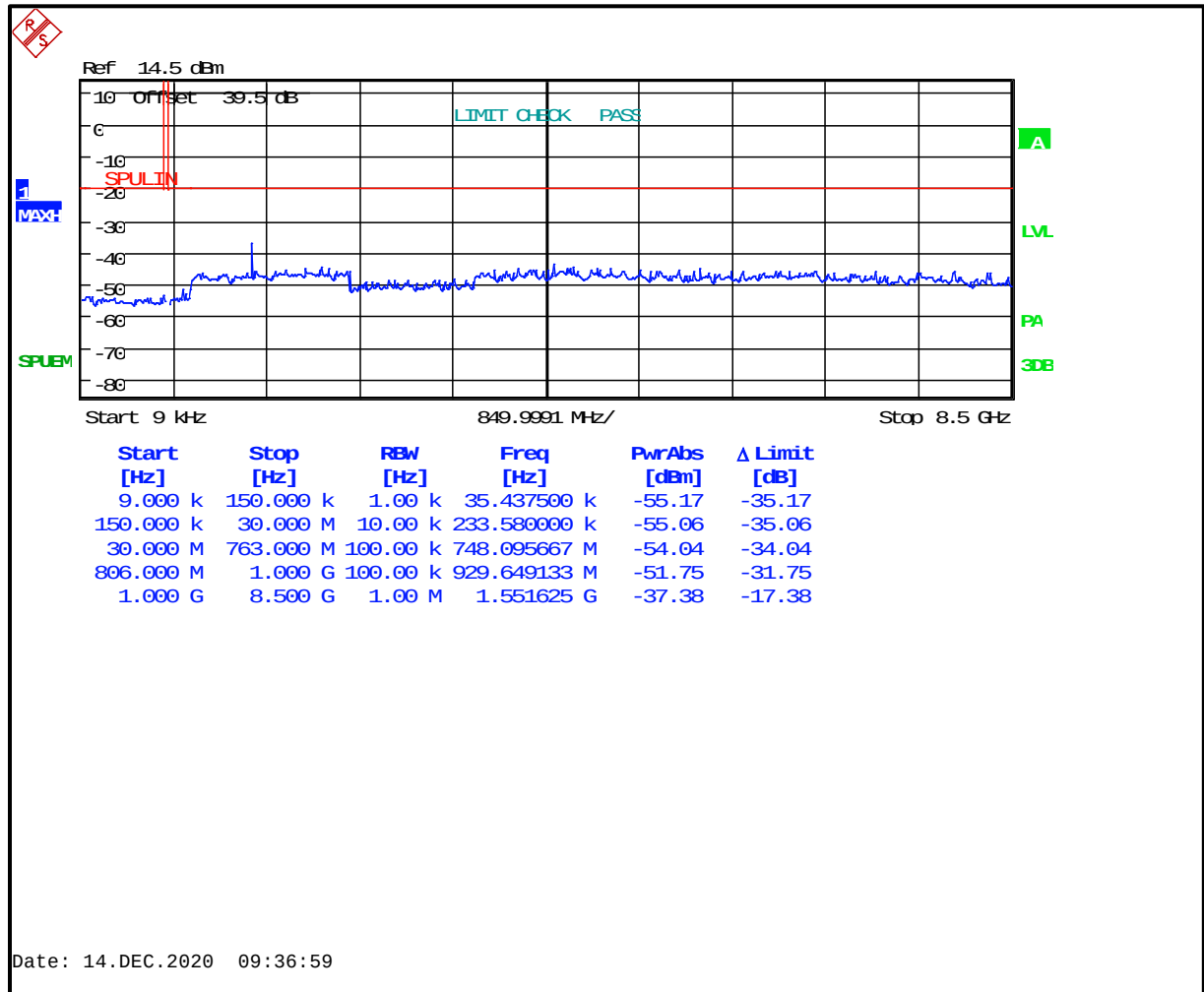
Plot 5-4: Antenna Spurious Emissions - 772.0000 MHz; NB Analog Mode



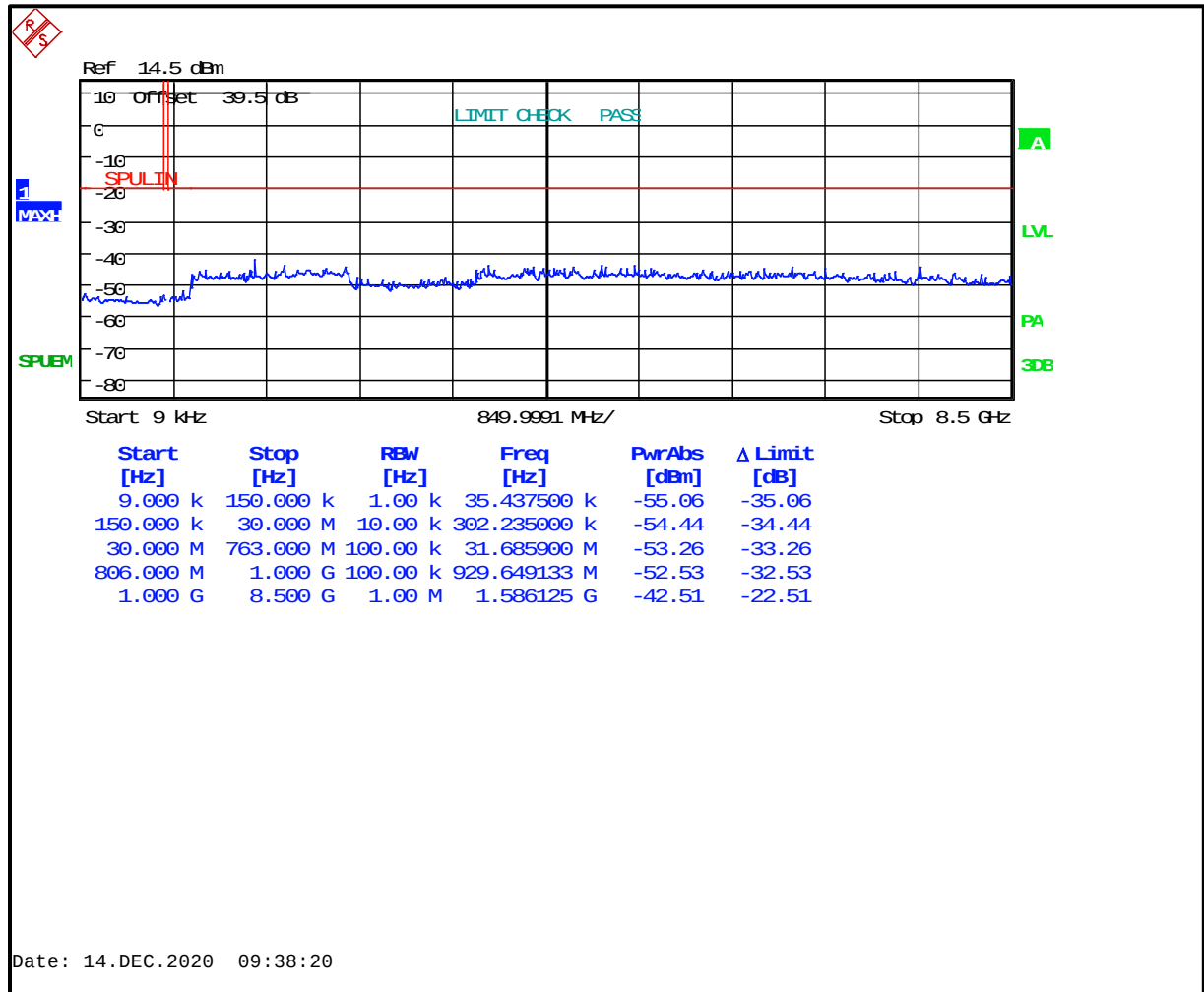
Plot 5-5: Antenna Spurious Emissions - 774.0125 MHz; NB Analog Mode



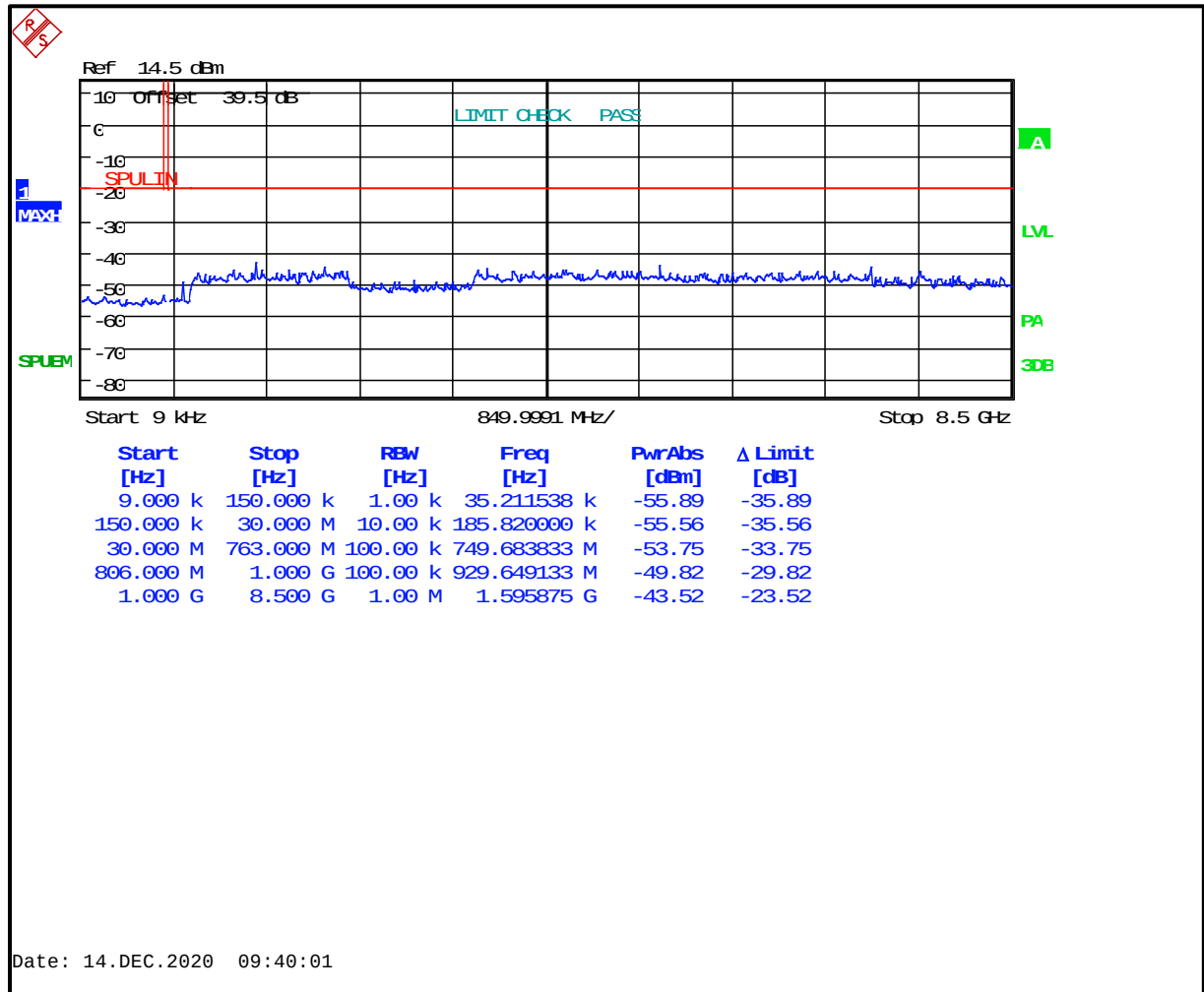
Plot 5-6: Antenna Spurious Emissions - 775.9875 MHz; NB Analog



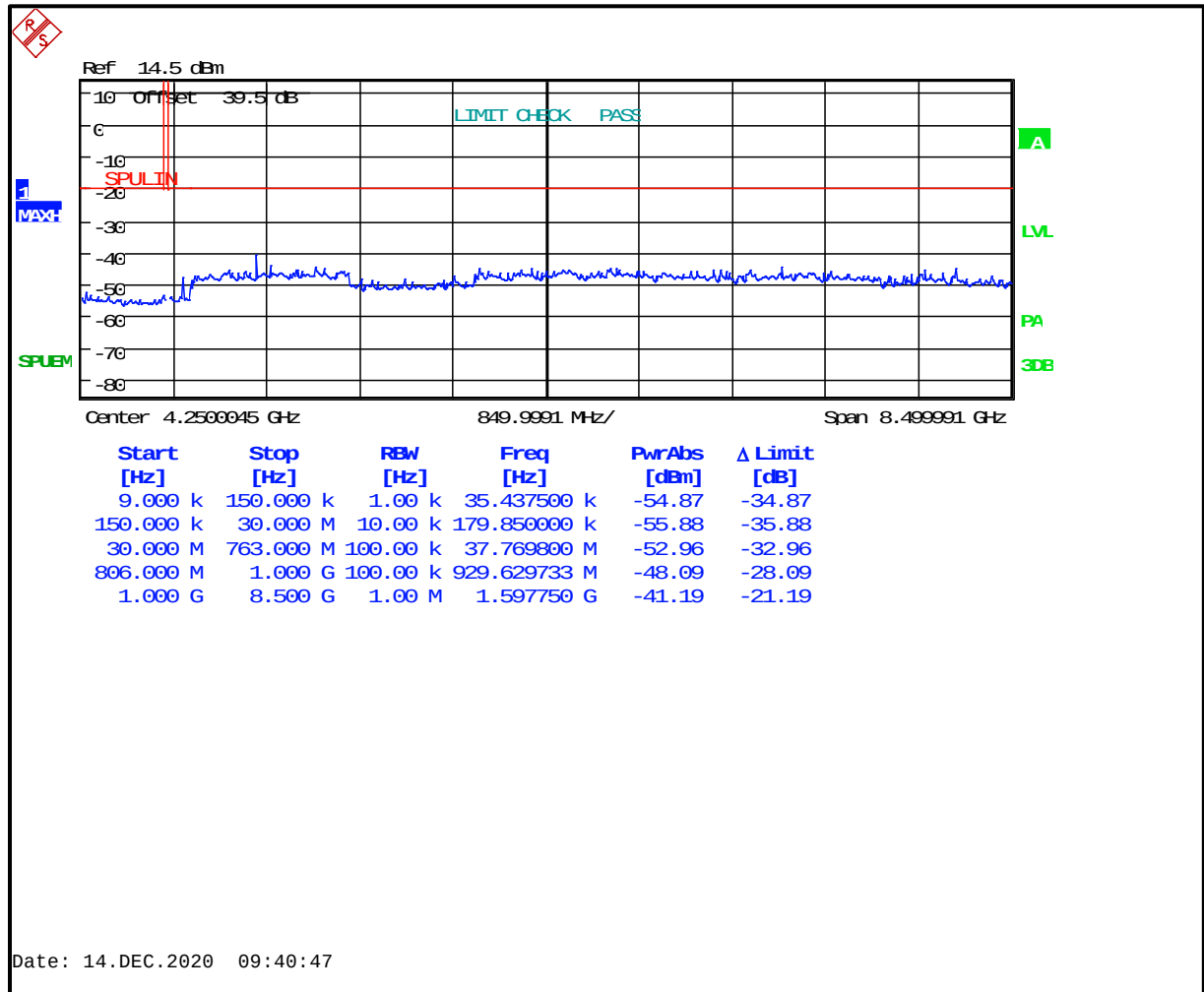
Plot 5-7: Antenna Spurious Emissions - 793.0125 MHz; NB Analog Mode



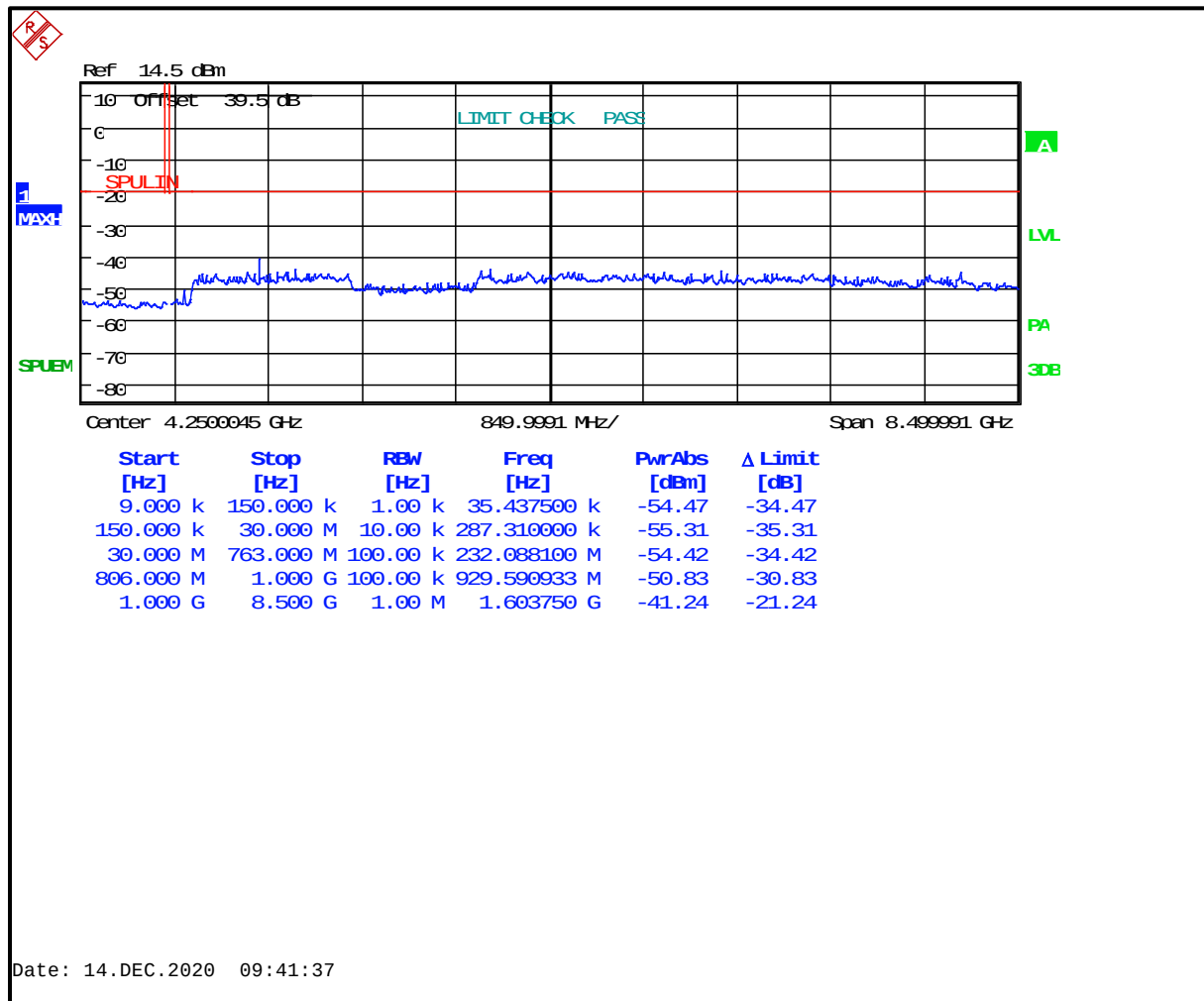
Plot 5-8: Antenna Spurious Emissions - 798.0125 MHz; NB Analog Mode



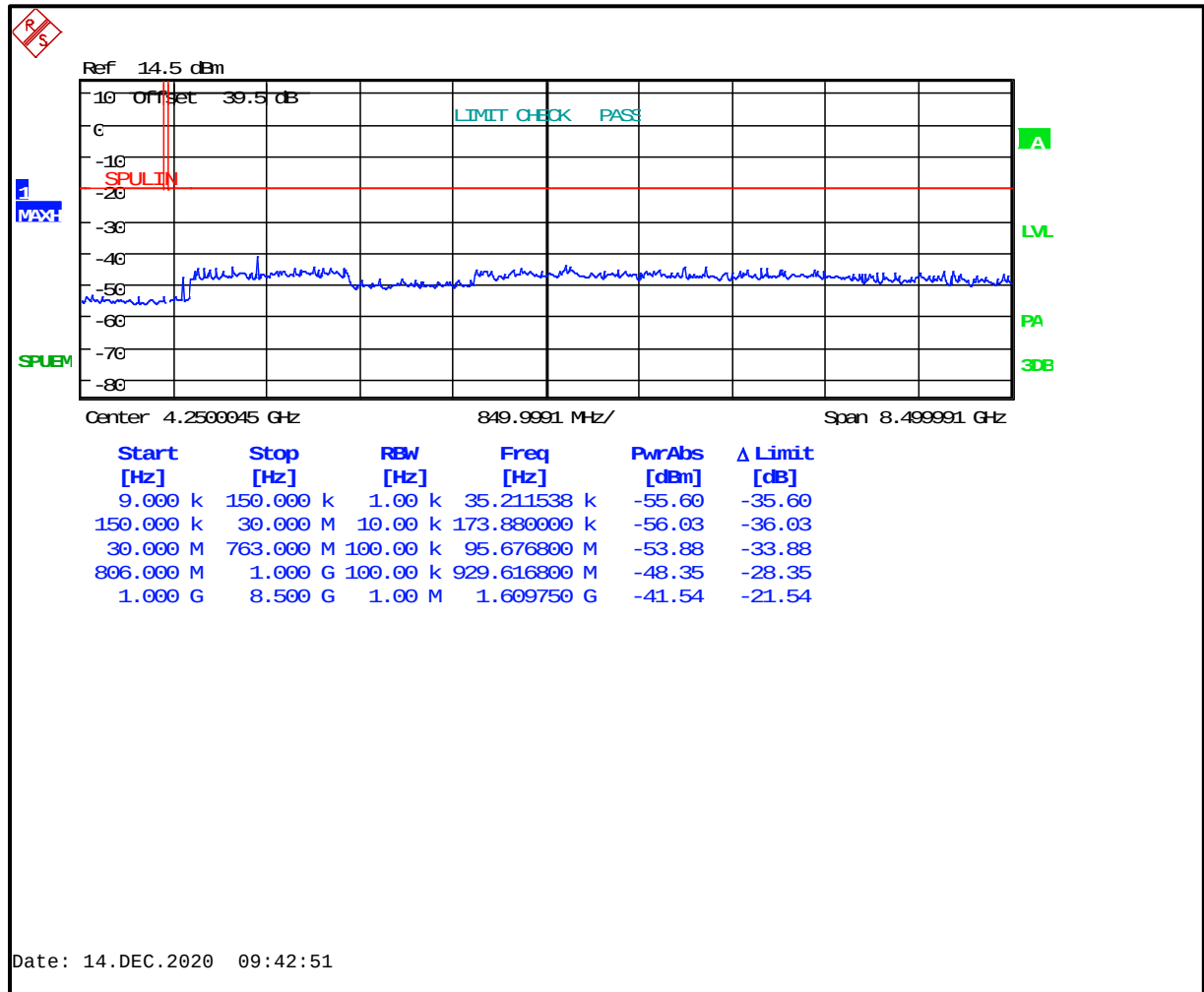
Plot 5-9: Antenna Spurious Emissions - 799.0125 MHz; NB Analog Mode



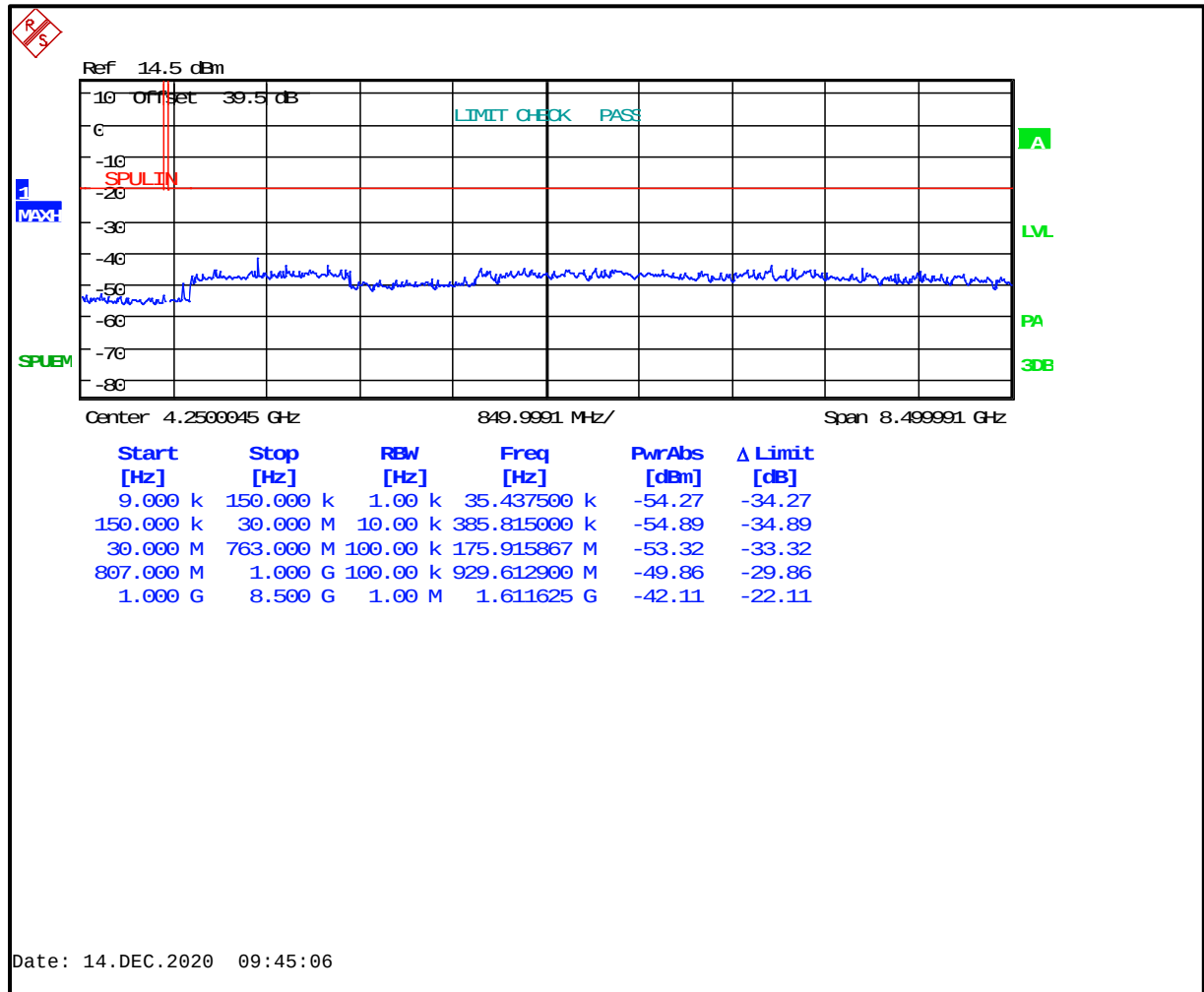
Plot 5-10: Antenna Spurious Emissions - 802.0000 MHz; NB Analog



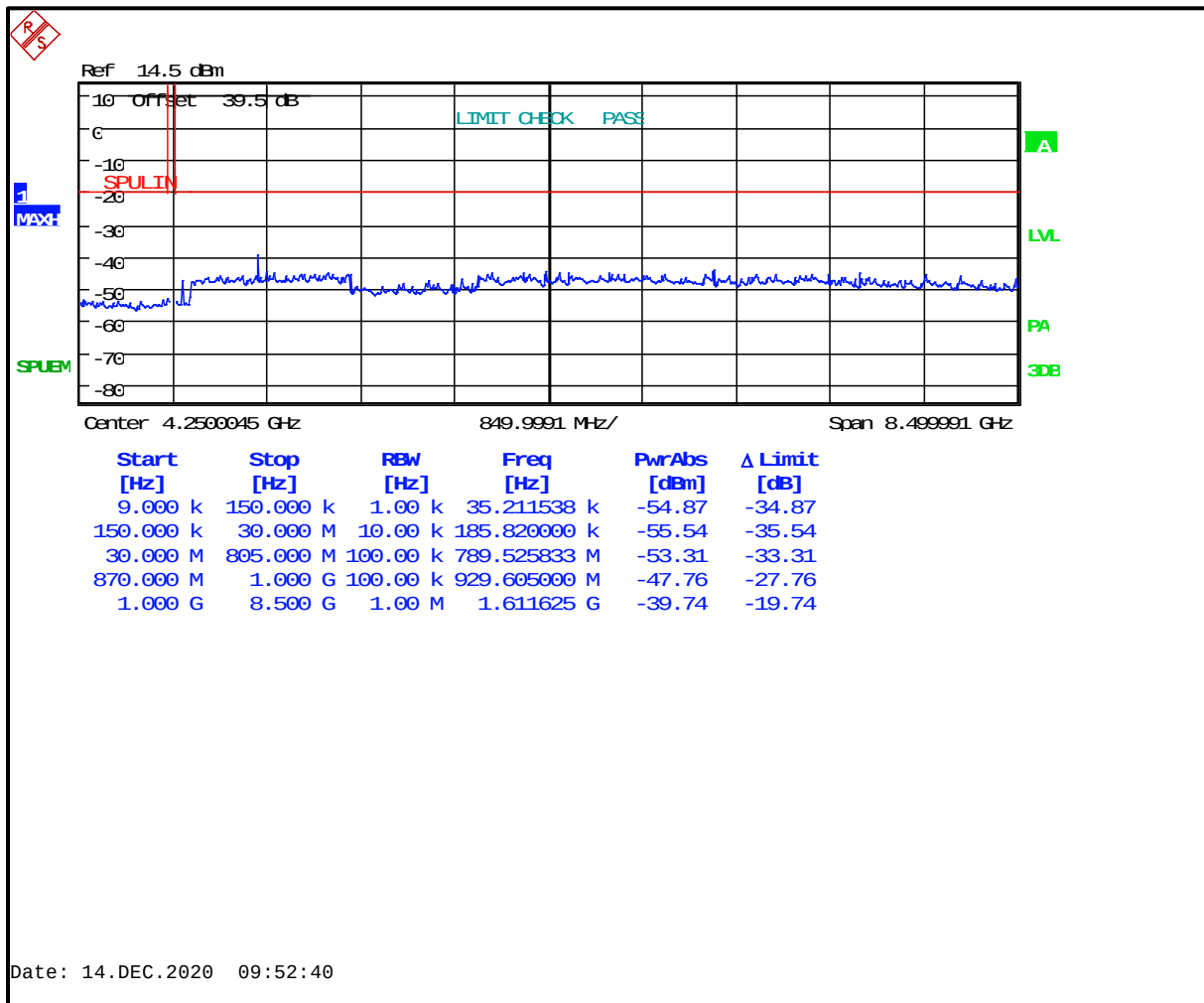
Plot 5-11: Antenna Spurious Emissions - 804.9875 MHz; NB Analog Mode



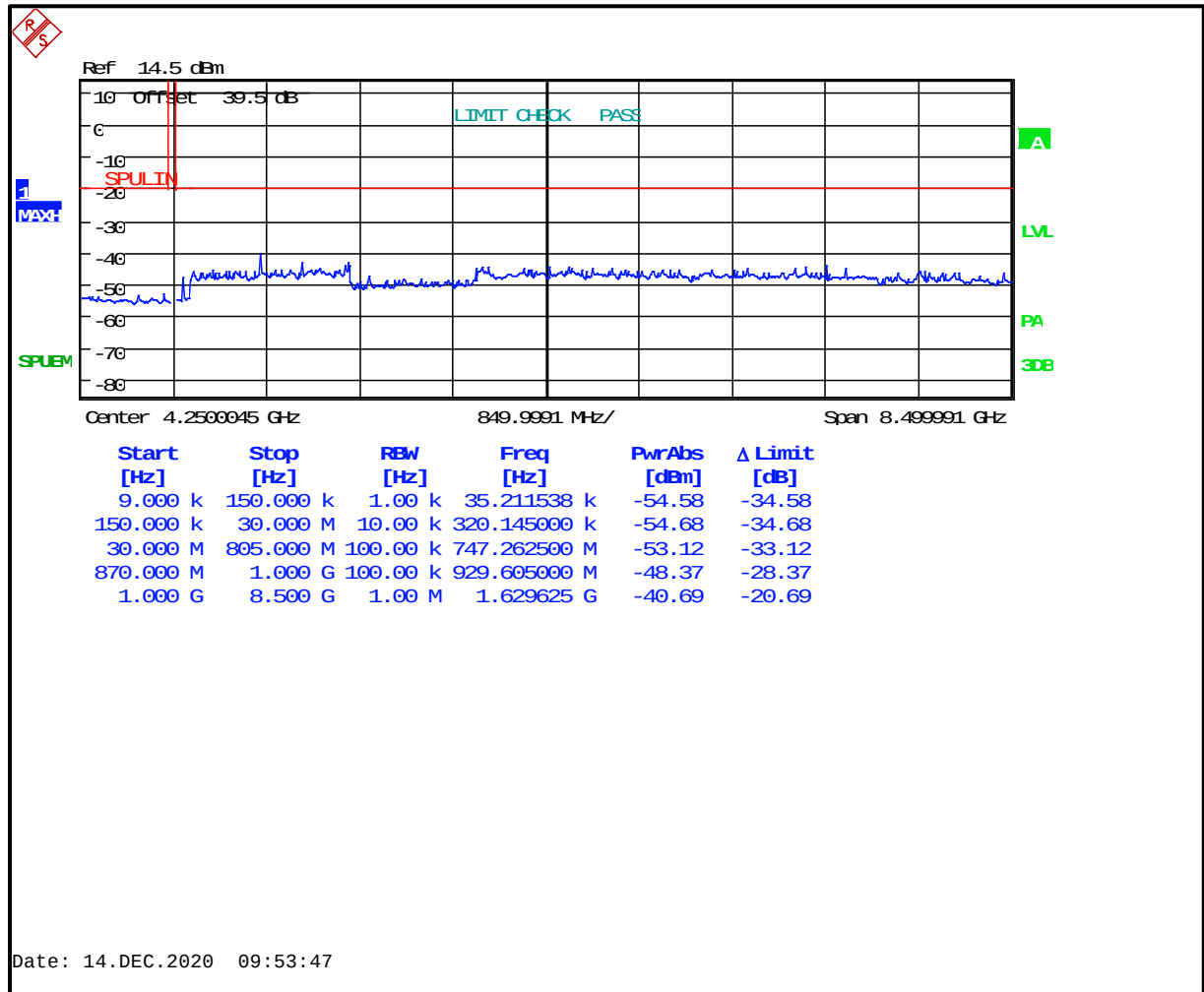
Plot 5-12: Antenna Spurious Emissions - 805.9875 MHz; NB Analog Mode



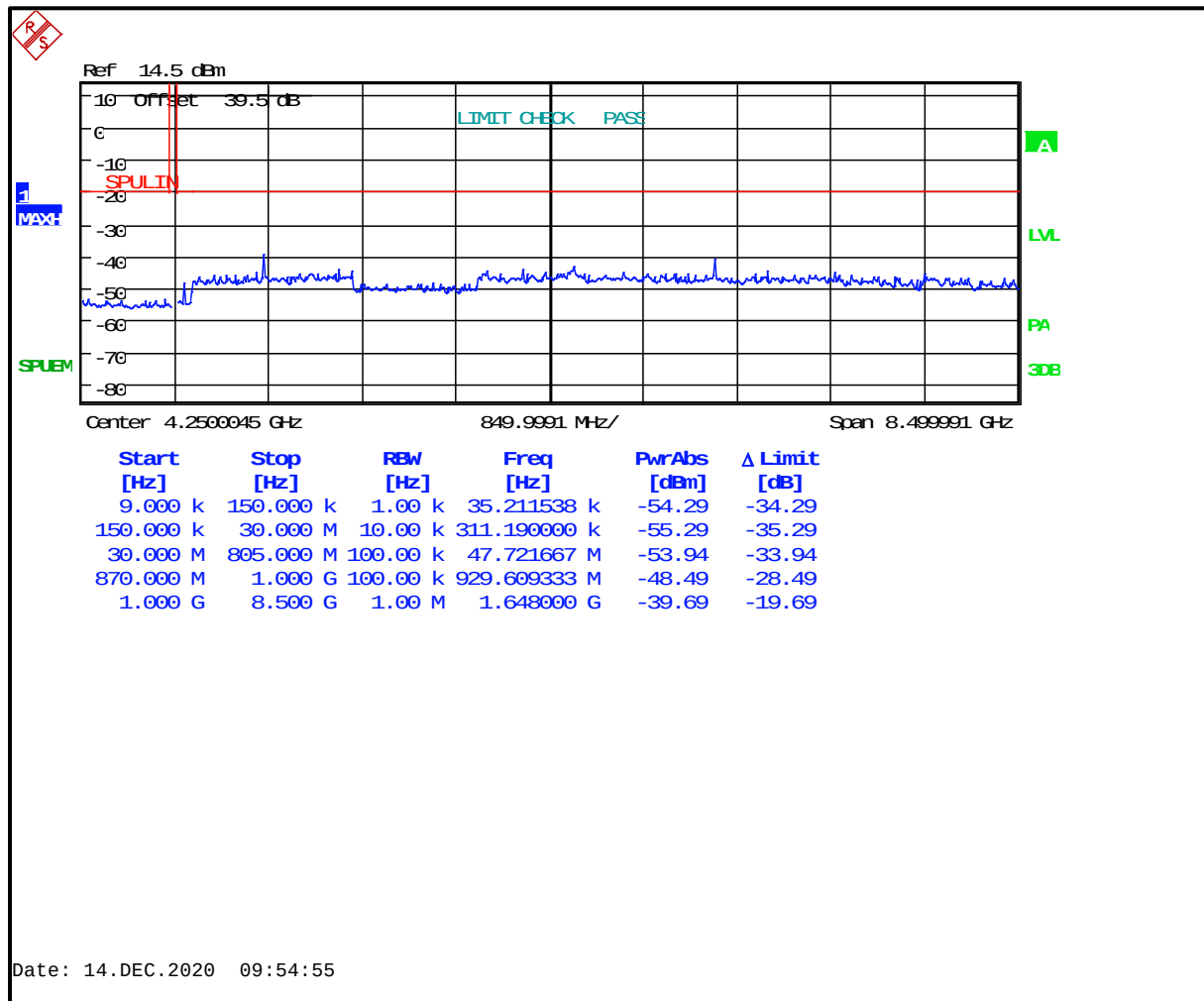
Plot 5-13: Antenna Spurious Emissions - 806.0125 MHz; NB Analog Mode



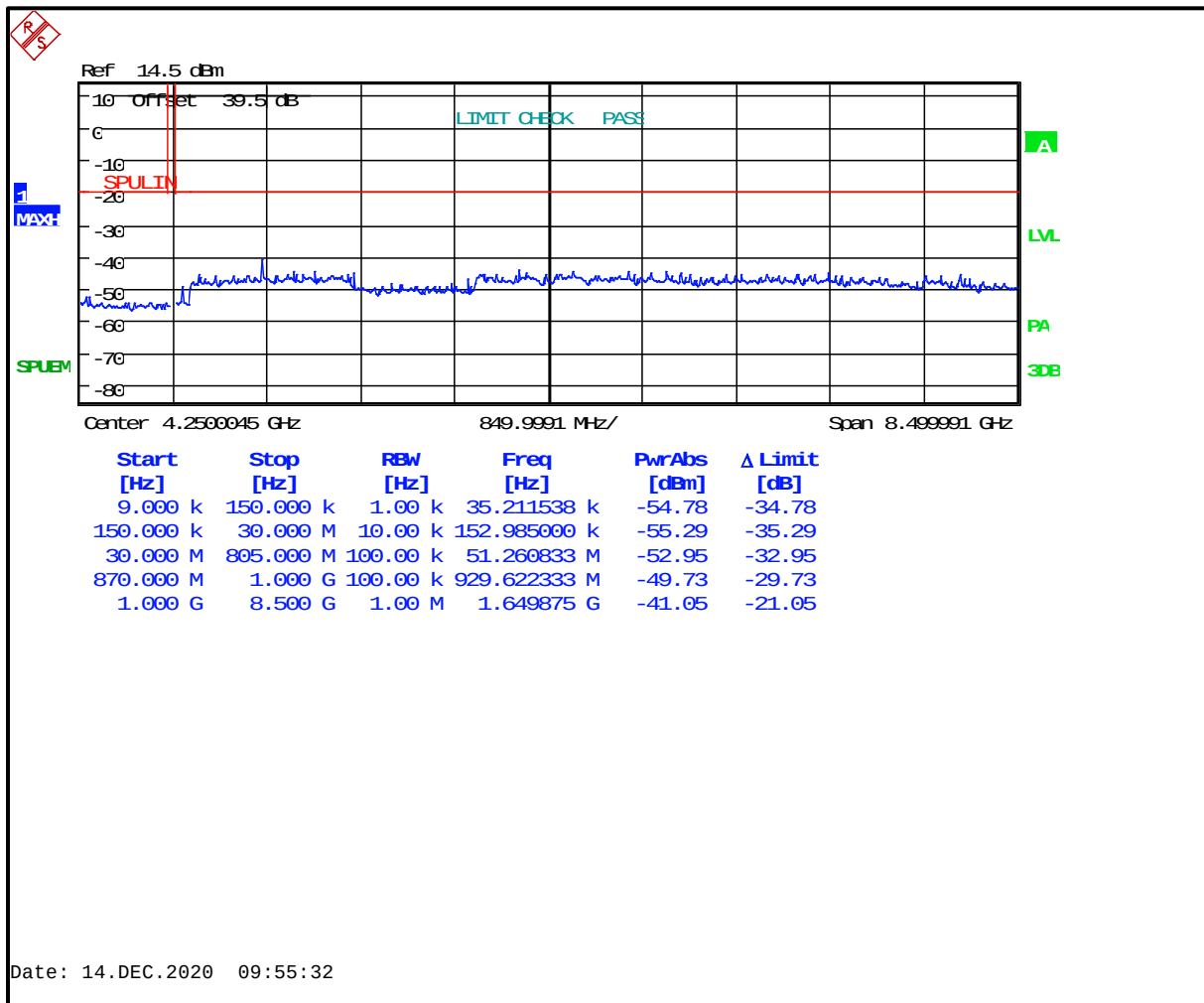
Plot 5-14: Antenna Spurious Emissions - 815.0000 MHz; NB Analog Mode



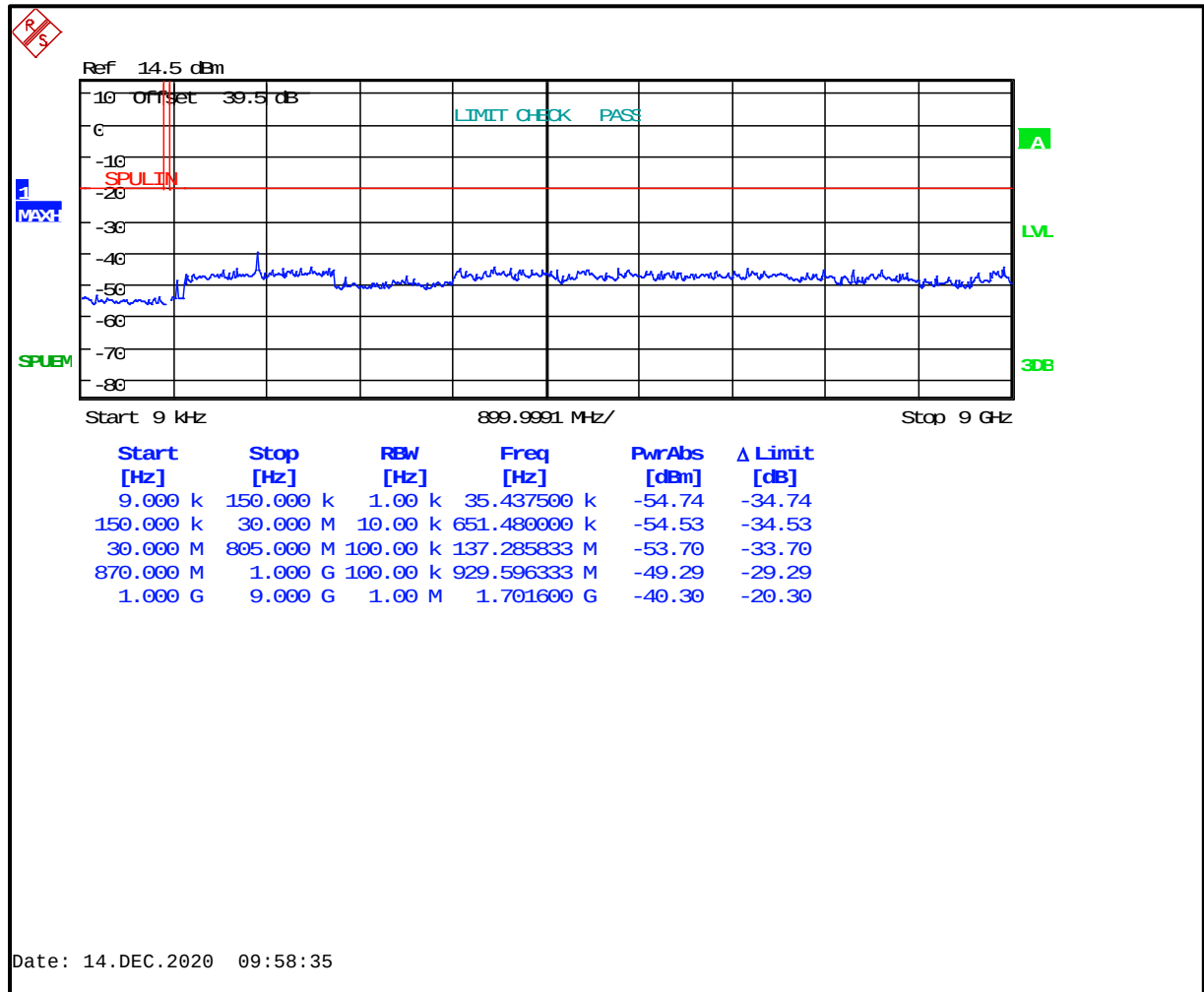
Plot 5-15: Antenna Spurious Emissions - 823.9875 MHz; NB Analog



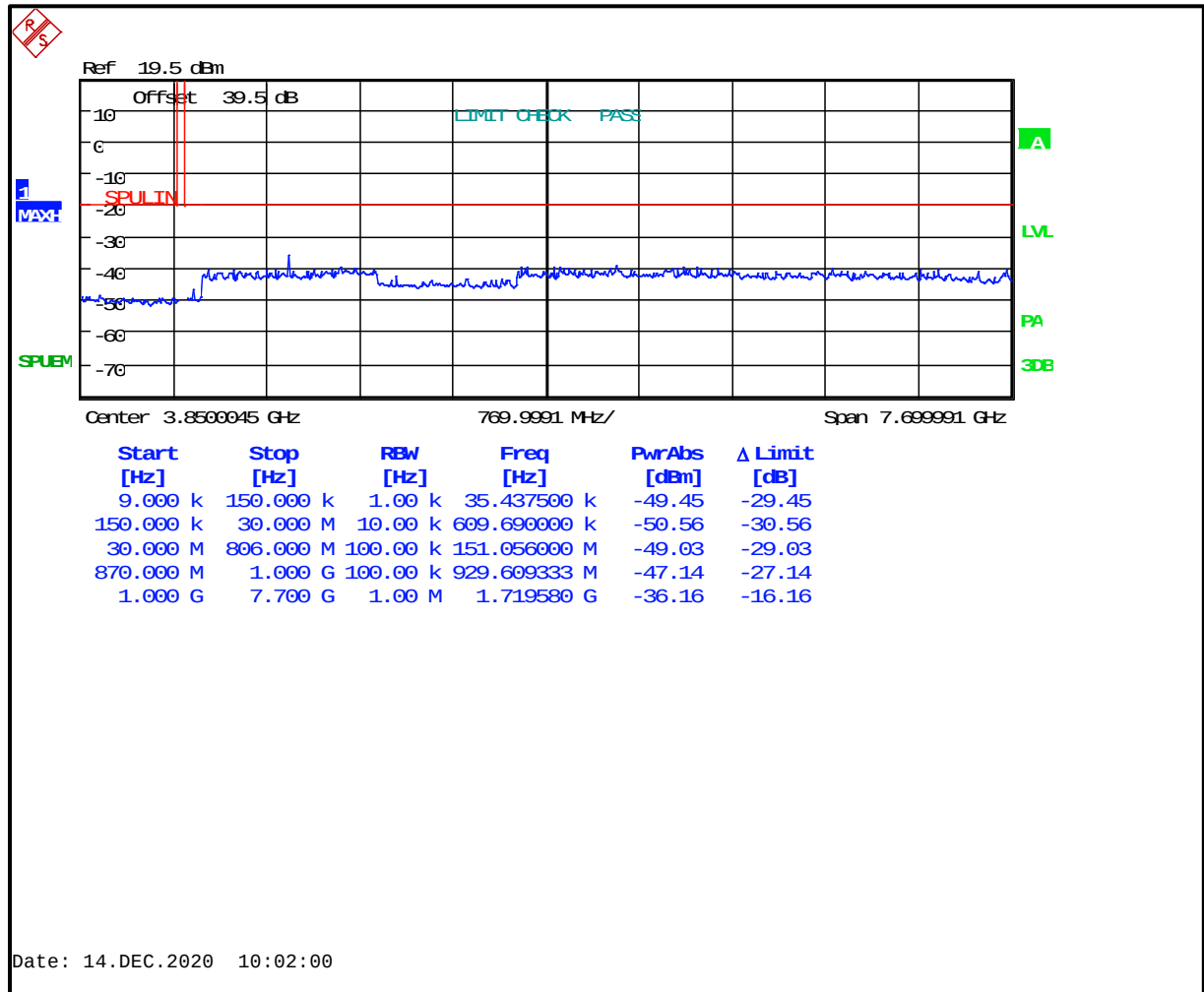
Plot 5-16: Antenna Spurious Emissions - 824.9875 MHz; NB Analog Mode



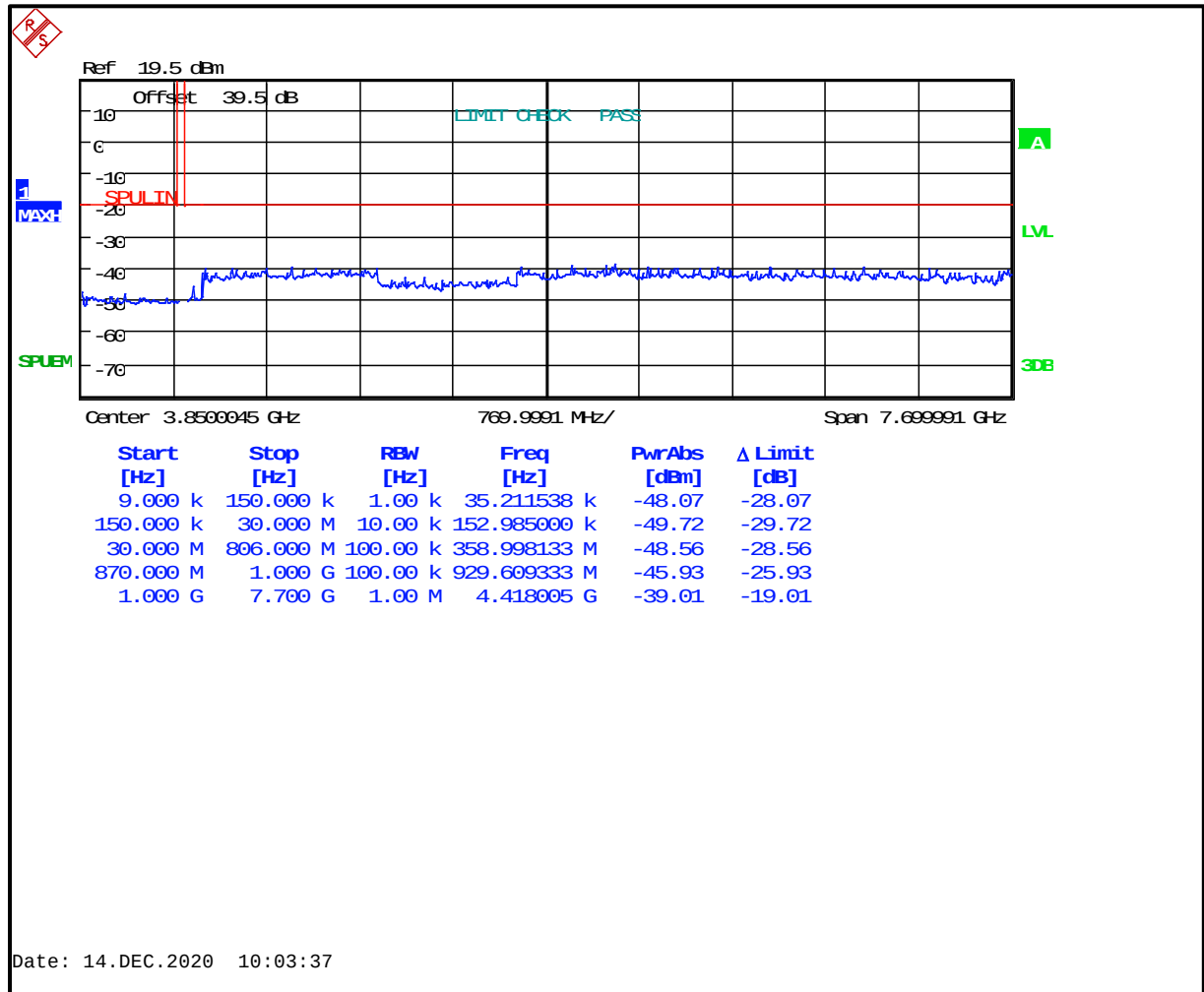
Plot 5-17: Antenna Spurious Emissions - 851.0125 MHz; NB Analog Mode



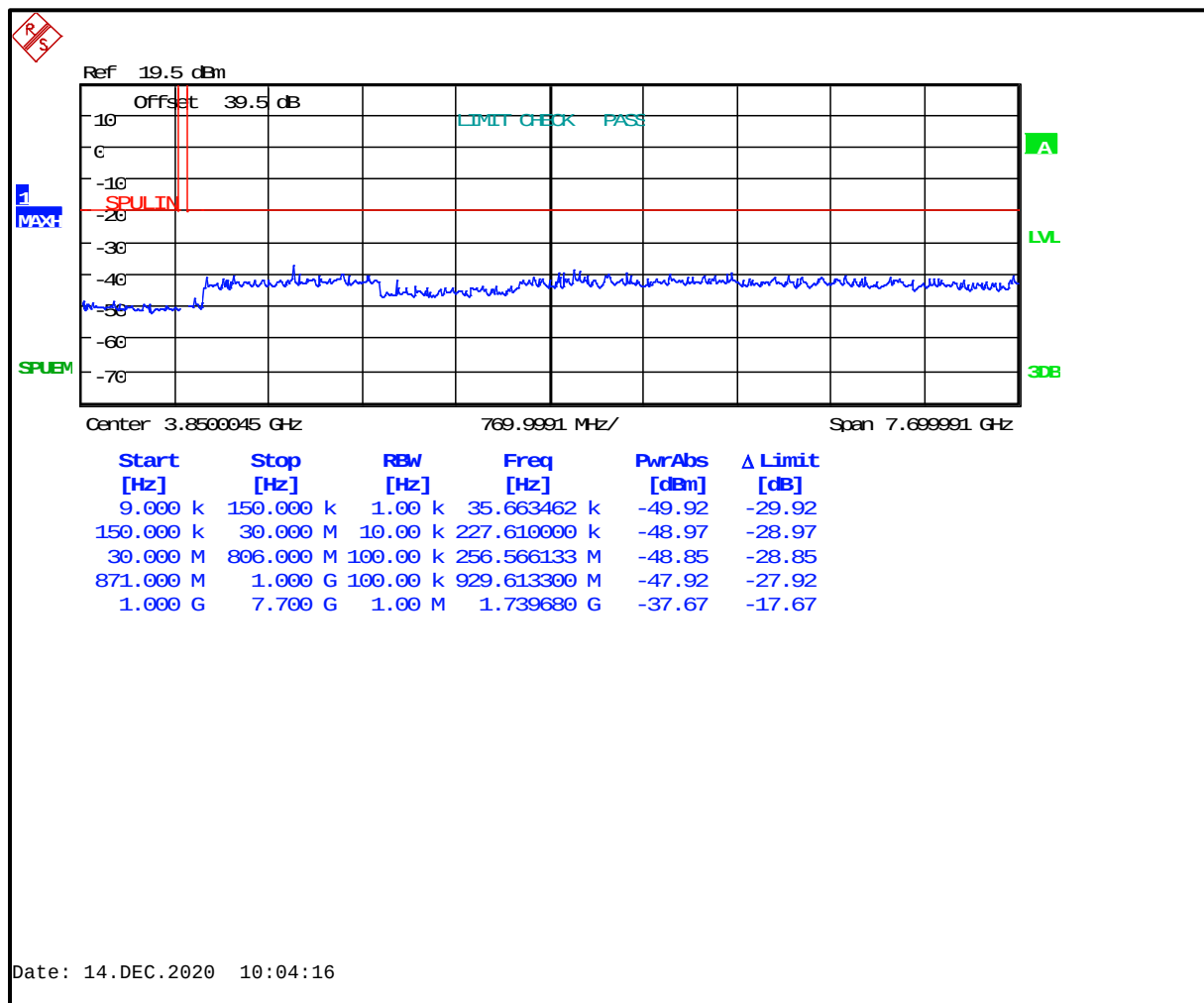
Plot 5-18: Antenna Spurious Emissions - 860.0000 MHz; NB Analog Mode



Plot 5-19: Antenna Spurious Emissions - 868.9875 MHz; NB Analog Mode



Plot 5-20: Antenna Spurious Emissions - 869.9875 MHz; NB Analog Mode



Measurement uncertainties shown for these tests are expanded uncertainties expressed at the 95% confidence level using a coverage factor K=2. Measurement uncertainty: ±0.5 dB

Results: Pass

Table 5-1: Test Equipment Used For Testing Spurious Emissions

RTL Asset #	Manufacturer	Model	Part Type	Serial Number	Calibration Due Date
901581	Rohde & Schwarz	FSU	Spectrum Analyzer	1166.1660.50	4/26/21
901724	API Weinschel, Inc.	48-40-34	40 dB 100W Attenuator	CJ8921	9/15/21
901132	Par Electronics	806-902 (25W)	UHF Notch Filter	N/A	9/14/21

Test Personnel:

Daniel W. Baltzell		December 14, 2020
EMC Test Engineer	Signature	Date of Test

6 FCC Part 90.543(a): Emission Limitations: ACP Requirements; ISSED RSS-119 4.3: Adjacent Channel Power (ACP) Measurement for Equipment in the Bands 764-776 MHz and 794-806 MHz

Effective October 23, 2007, transmitters designed to operate in the 769–775 MHz and 799–805 MHz frequency bands must meet the emission limitations in paragraphs (a) through (d) of this section. Transmitters operating in the 758–768 MHz and 788–798 MHz bands must meet the emission limitations in (e) of this section.

6.1 Test Procedure

ANSI C63.26, Section 6.5.2.4

Adjacent channel power measurements for equipment operating in the 769 MHz to 775 MHz and 799 MHz to 805 MHz (public safety) bands.

Device with digital modulation: Modulated to its maximum extent using a pseudo-random data sequence.

For a Mobile transmitter designed to operate with a 12.5 kHz channel bandwidth, the ACP shall be in accordance with the values in the following table:

Offset from Center Frequency (kHz)	Measurement Bandwidth (kHz)	Maximum ACP Relative (dBc)
(+/-)9.375	6.25	-40
(+/-)15.625	6.25	-60
(+/-)21.875	6.25	-60
(+/-)37.5	25	-60
(+/-)62.5	25	-65
(+/-)87.5	25	-65
(+/-)150	100	-65
(+/-)250	100	-65
(+/-)350	100	-65
>400 kHz to 12 MHz	30(s)	-75
12 MHz to paired receive band	30(s)	-75
In the paired receive band	30(s)	-100

For a Mobile transmitter designed to operate with a 25 kHz channel bandwidth, the ACP shall be in accordance with the values in the following table:

Offset from Center Frequency (kHz)	Measurement Bandwidth (kHz)	Maximum ACP Relative (dBc)
(+/-)15.625	6.25	-40
(+/-)21.875	6.25	-60
(+/-)37.5	25	-60
(+/-)62.5	25	-65
(+/-)87.5	25	-65
(+/-)150	100	-65
(+/-)250	100	-65
(+/-)350	100	-65
>400 kHz to 12 MHz	30(s)	-75
12 MHz to paired receive band	30(s)	-75
In the paired receive band	30(s)	-100

FCC Rules and Regulations - 90.543(b)

Setting Reference Level - 90.543(b)(1): Using a spectrum analyzer capable of ACP measurements, set the measurement bandwidth to the channel size. Set the frequency offset of the measurement to zero and adjust the center frequency of the spectrum analyzer to give the power level in the measurement bandwidth. Record this power as the reference power level.

Measuring the power level at the frequency offset <600 kHz - §90.543(b)(2): Using a spectrum analyzer capable of adjacent channel power (ACP) measurements, set the measurement bandwidth as shown in the table. Measure ACP in dBm. These measurements are made at maximum power. Calculate the coupled power by subtracting the measurements made in this step from the reference power level. The absolute ACP values must be less than the values given in the table for each condition.

Measuring the power level at the frequency offset >600 kHz - §90.543(b)(3): Set the spectrum analyzer to 30 kHz resolution bandwidth, 1 MHz video bandwidth and sample detection mode. Sweep +/-6 MHz from the carrier frequency. Set the reference level to the RMS value of the transmitter power and note the power. The response at frequencies >600 kHz must be less than the values listed in the table.

6.2 Test Data

Plot 6-1: Adjacent Channel Power - 768.0125 MHz; NB Analog Mode (9.375 kHz - 350 kHz) ISED

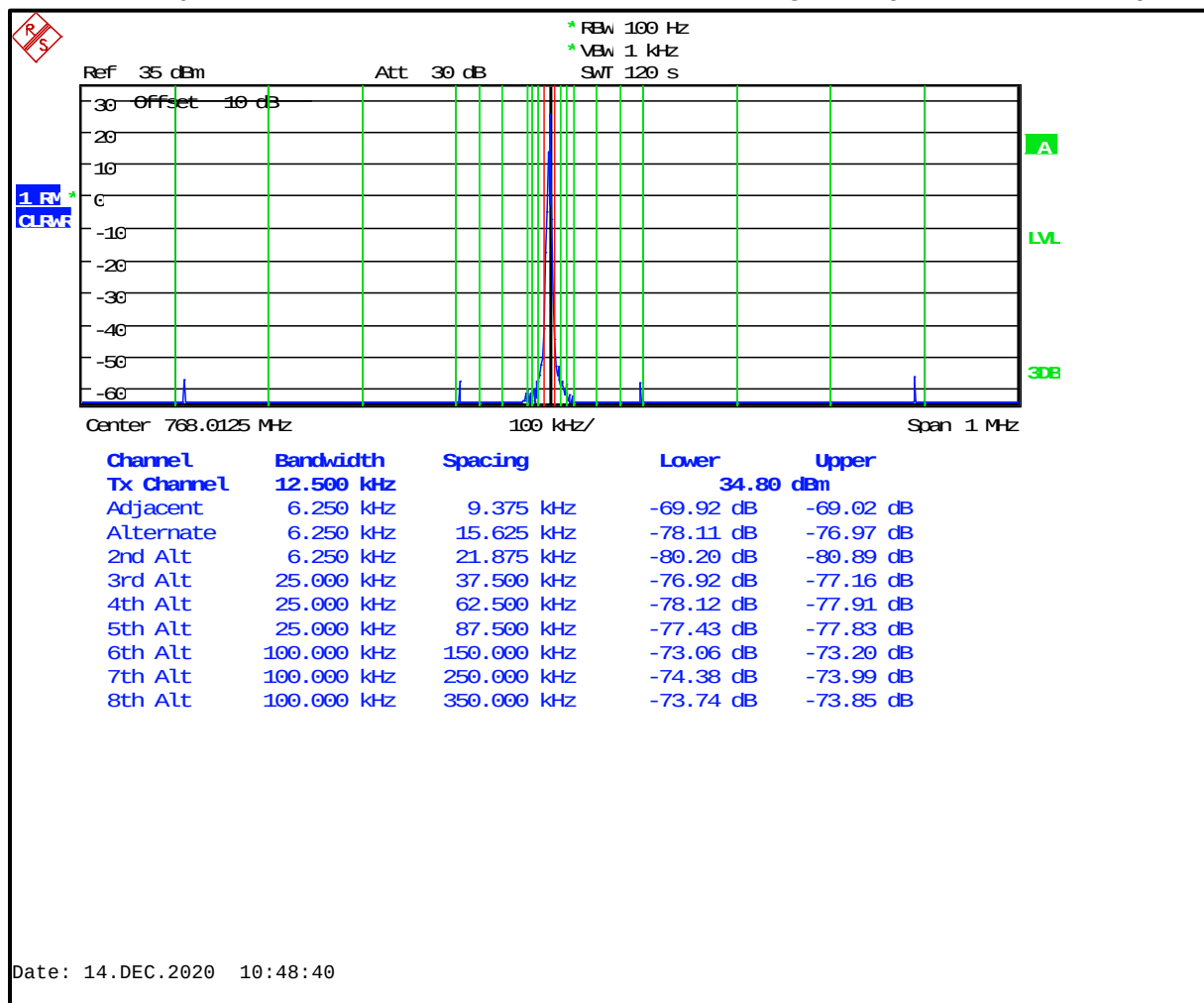


Table 6-1: Adjacent Channel Power - 768.0125 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.3
12 MHz to receive band	30(s)	-75	-98.5
In receive band	30(s)	-100	-114.2

Plot 6-2: Adjacent Channel Power - 769.0125 MHz; NB Analog Mode (9.375 kHz - 350 kHz) FCC

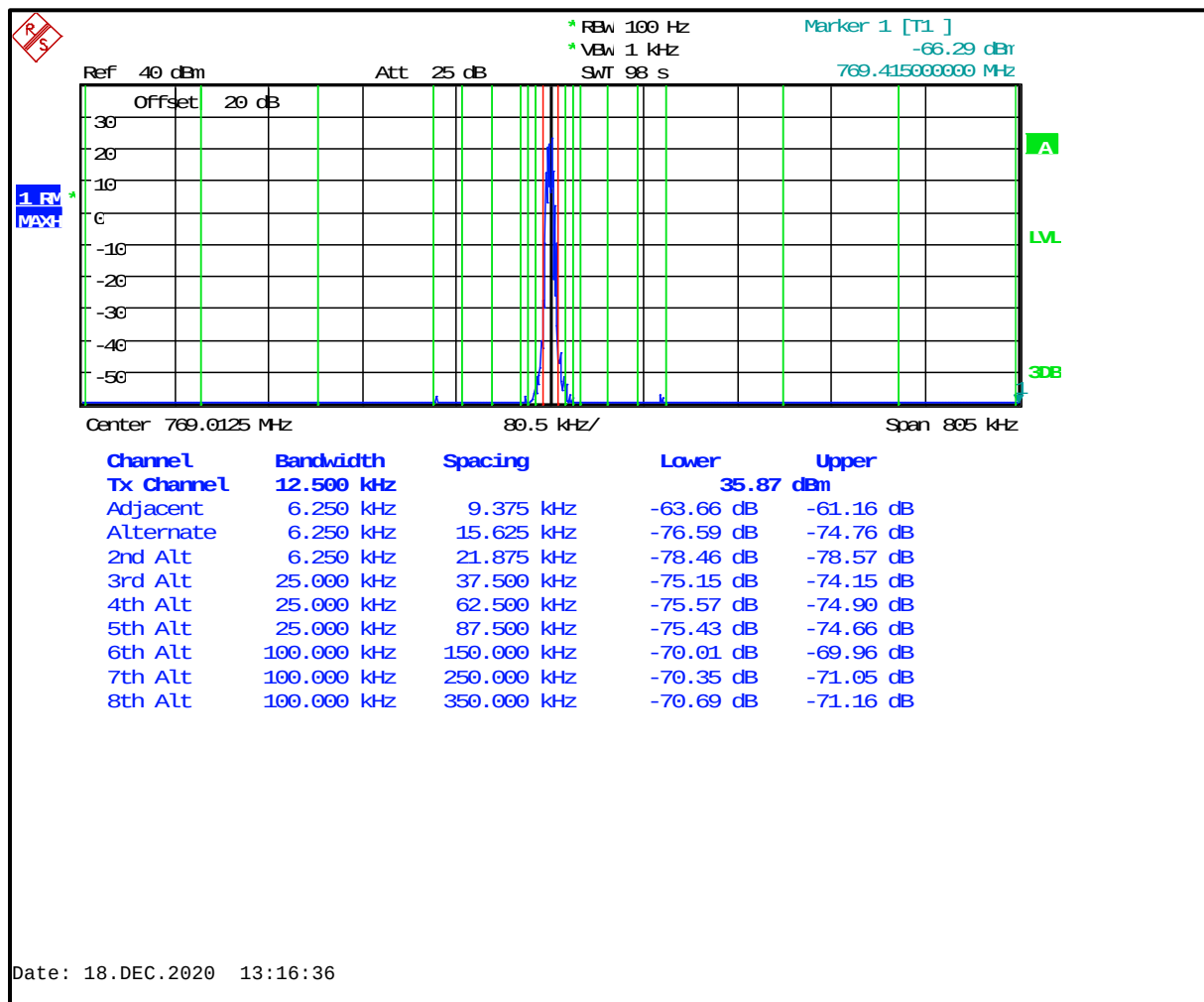


Table 6-2: Adjacent Channel Power – 769.0125 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.1
12 MHz to receive band	30(s)	-75	-98.5
In receive band	30(s)	-100	-114.2

Plot 6-3: Adjacent Channel Power – 772.0000 MHz; NB Analog Mode (9.375 kHz - 350 kHz)

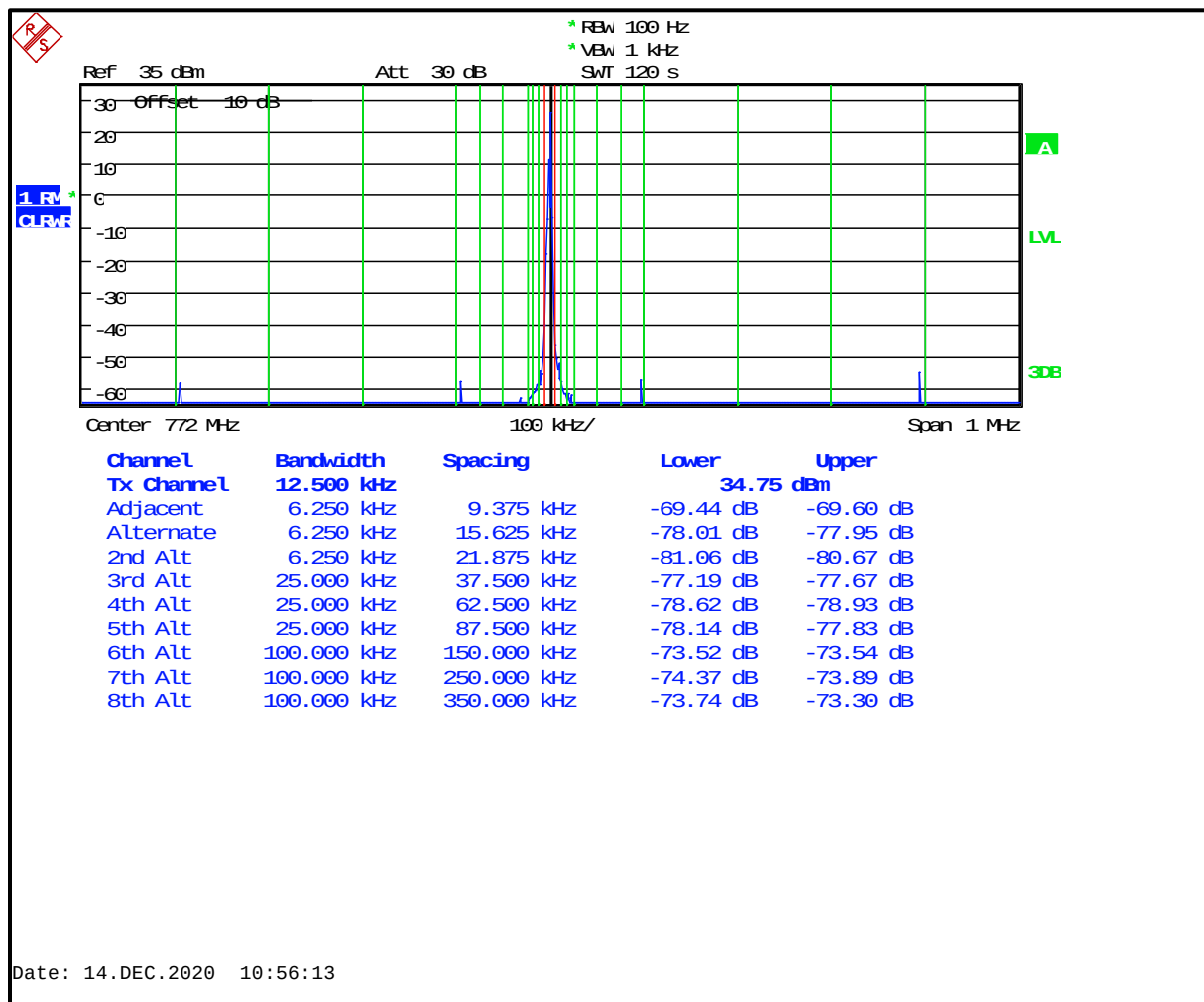


Table 6-3: Adjacent Channel Power – 772.0000 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-85.6
12 MHz to receive band	30(s)	-75	-97.6
In receive band	30(s)	-100	-113.7

Plot 6-4: Adjacent Channel Power - 774.9875 MHz; NB Analog Mode (9.375 kHz - 350 kHz) FCC

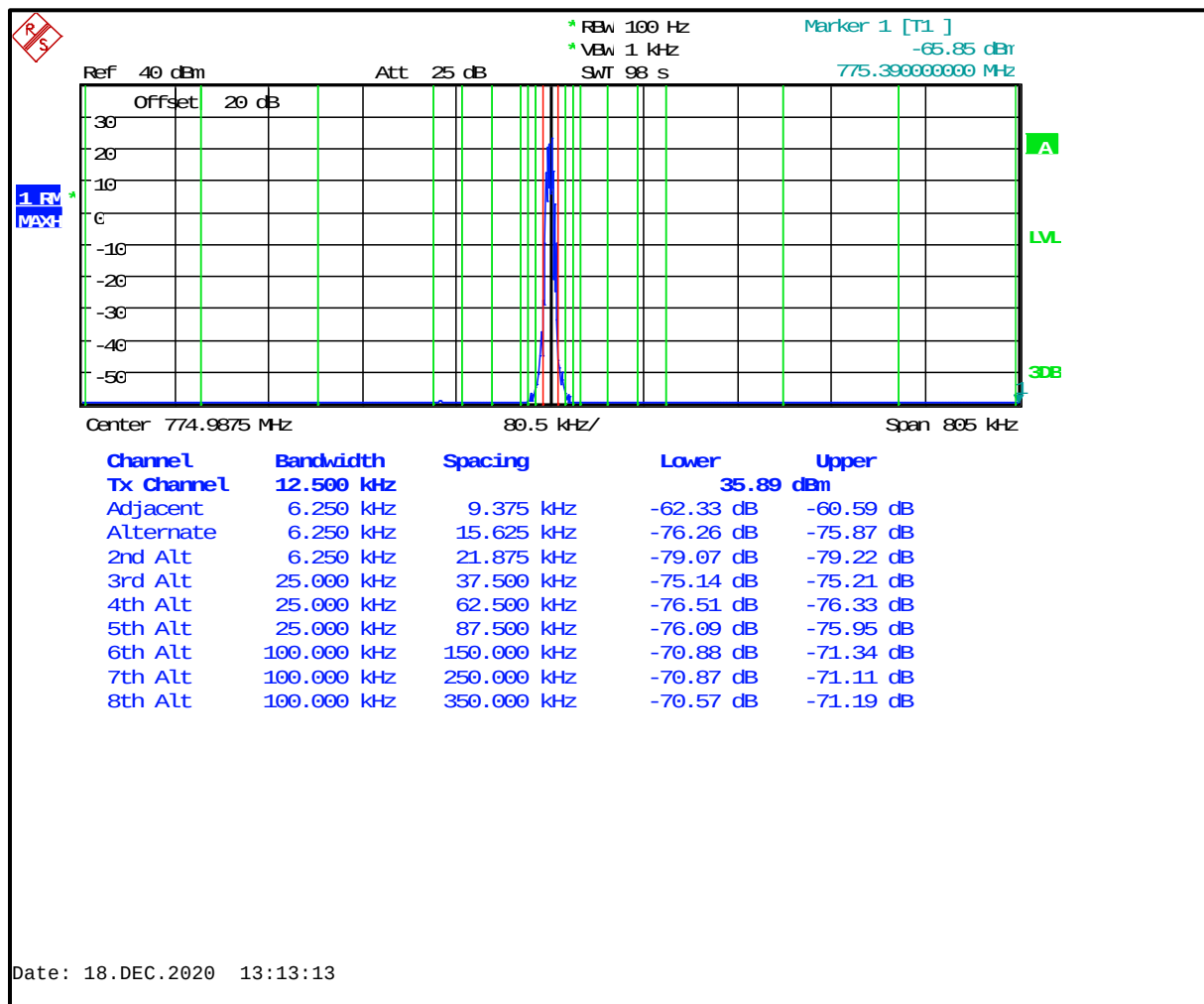


Table 6-4: Adjacent Channel Power - 774.9875 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-86.4
12 MHz to receive band	30(s)	-75	-107.7
In receive band	30(s)	-100	-113.4

Plot 6-5: Adjacent Channel Power - 775.9875 MHz; NB Analog Mode (9.375 kHz - 350 kHz) ISED

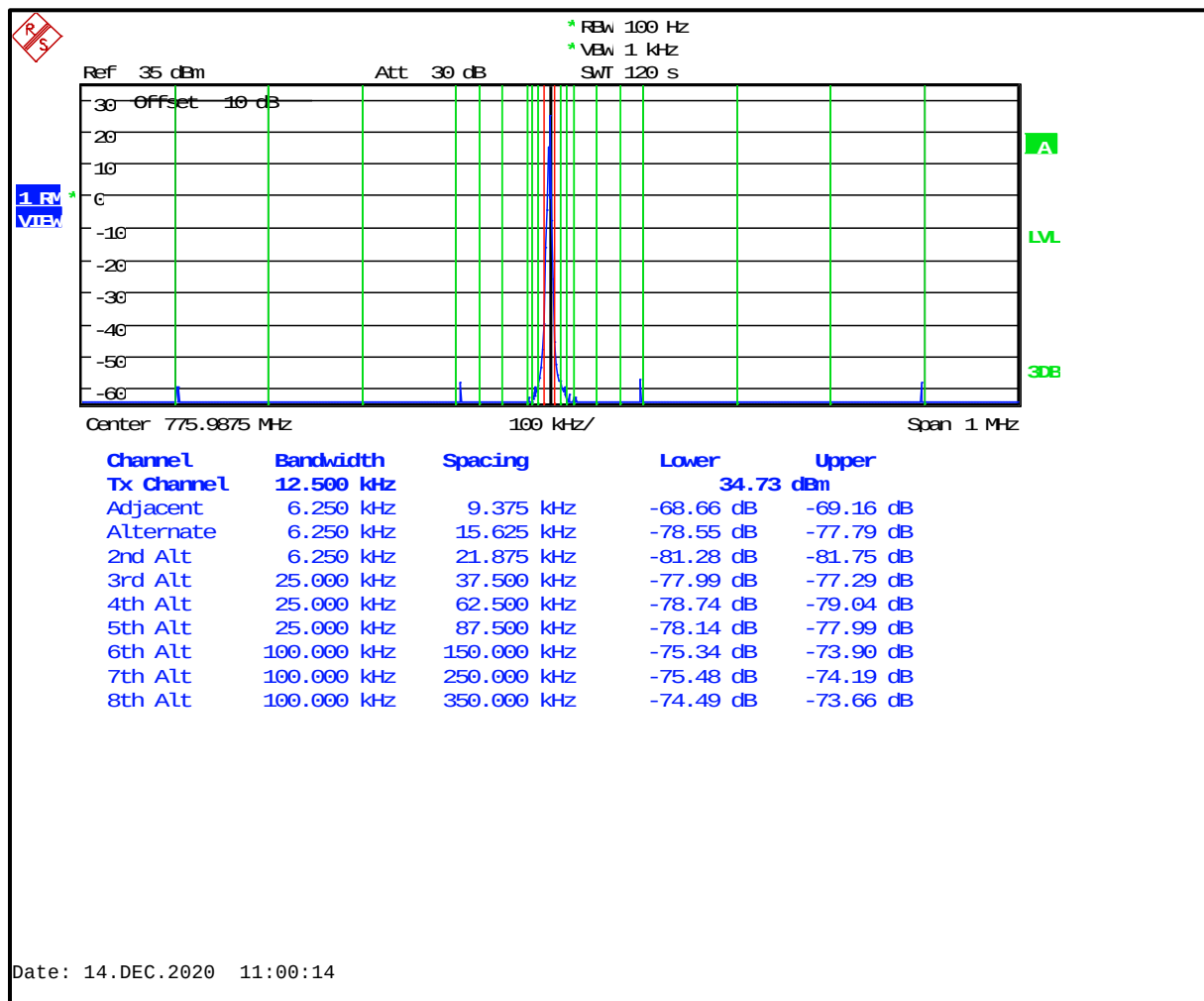


Table 6-5: Adjacent Channel Power - 775.9875 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-85.0
12 MHz to receive band	30(s)	-75	-108.5
In receive band	30(s)	-100	-110.9

Plot 6-6: Adjacent Channel Power – 798.0125 MHz; NB Analog Mode; (9.375 kHz - 350 kHz) ISED

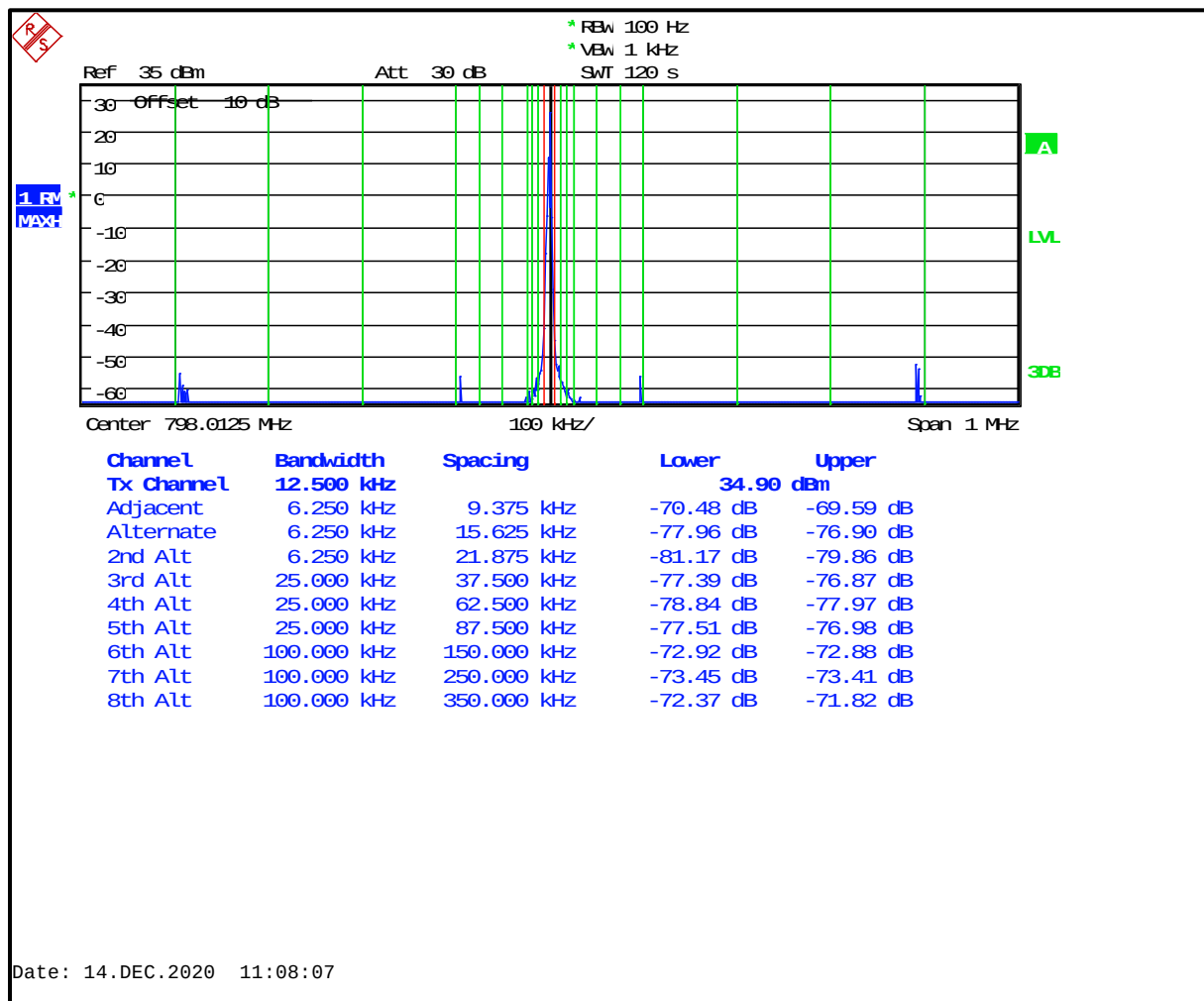


Table 6-6: Adjacent Channel Power – 798.0125 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.2
12 MHz to receive band	30(s)	-75	-100.4
In receive band	30(s)	-100	-101.9

Plot 6-7: Adjacent Channel Power – 799.0125 MHz; NB Analog Mode; (9.375 kHz - 350 kHz) FCC

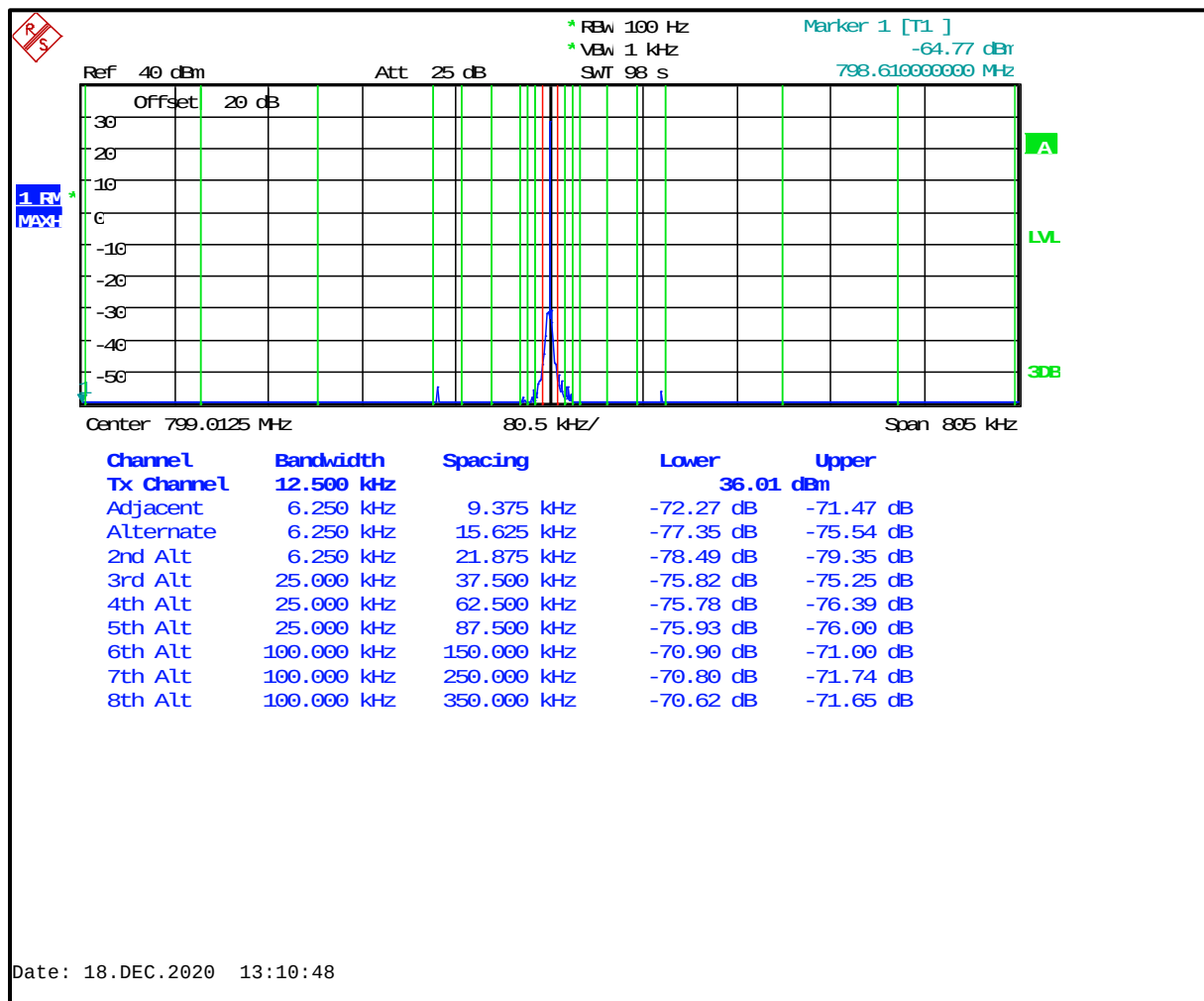


Table 6-7: Adjacent Channel Power – 799.0125 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.4
12 MHz to receive band	30(s)	-75	-98.8
In receive band	30(s)	-100	-102.4

Plot 6-8: Adjacent Channel Power – 802.0000 MHz; NB Analog Mode; (9.375 kHz - 350 kHz)

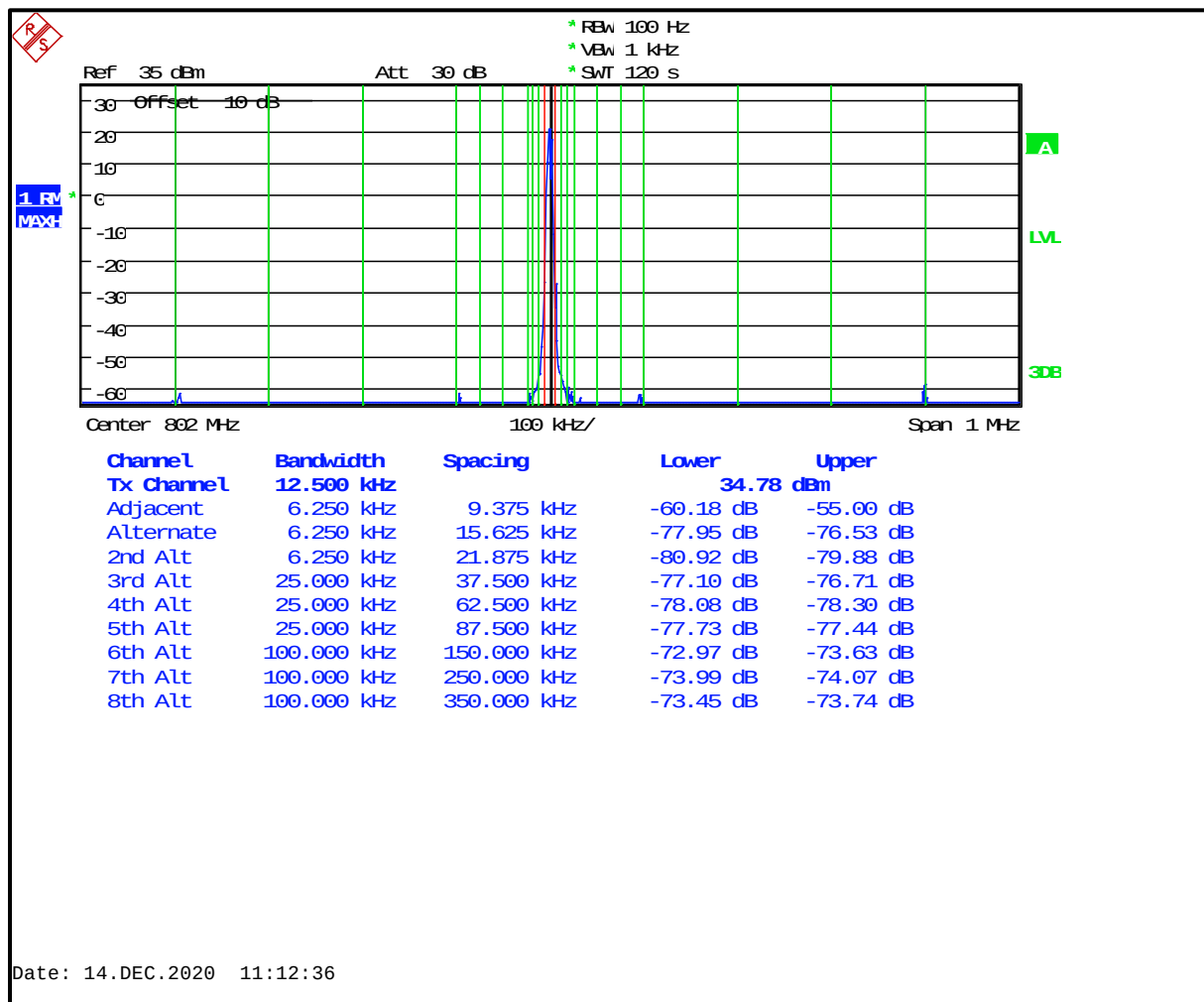


Table 6-8: Adjacent Channel Power – 802.0000 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.7
12 MHz to receive band	30(s)	-75	-98.1
In receive band	30(s)	-100	-103.7

Plot 6-9: Adjacent Channel Power – 804.9875 MHz; NB Analog Mode; (9.375 kHz - 350 kHz) FCC

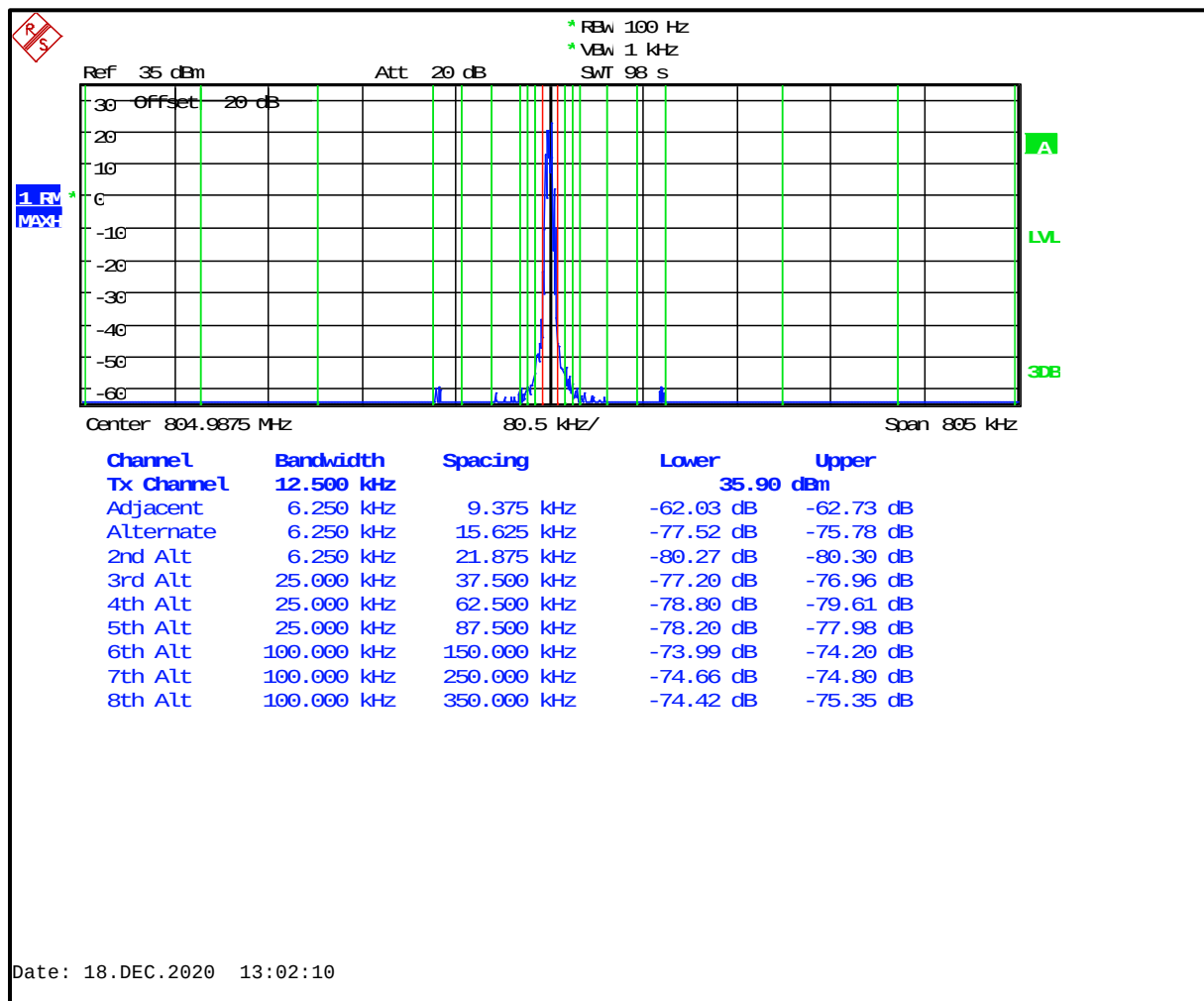


Table 6-9: Adjacent Channel Power – 804.9875 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.4
12 MHz to receive band	30(s)	-75	-96.4
In receive band	30(s)	-100	-105.1

Plot 6-10: Adjacent Channel Power – 805.9875 MHz; NB Analog Mode; (9.375 kHz - 350 kHz) ISED

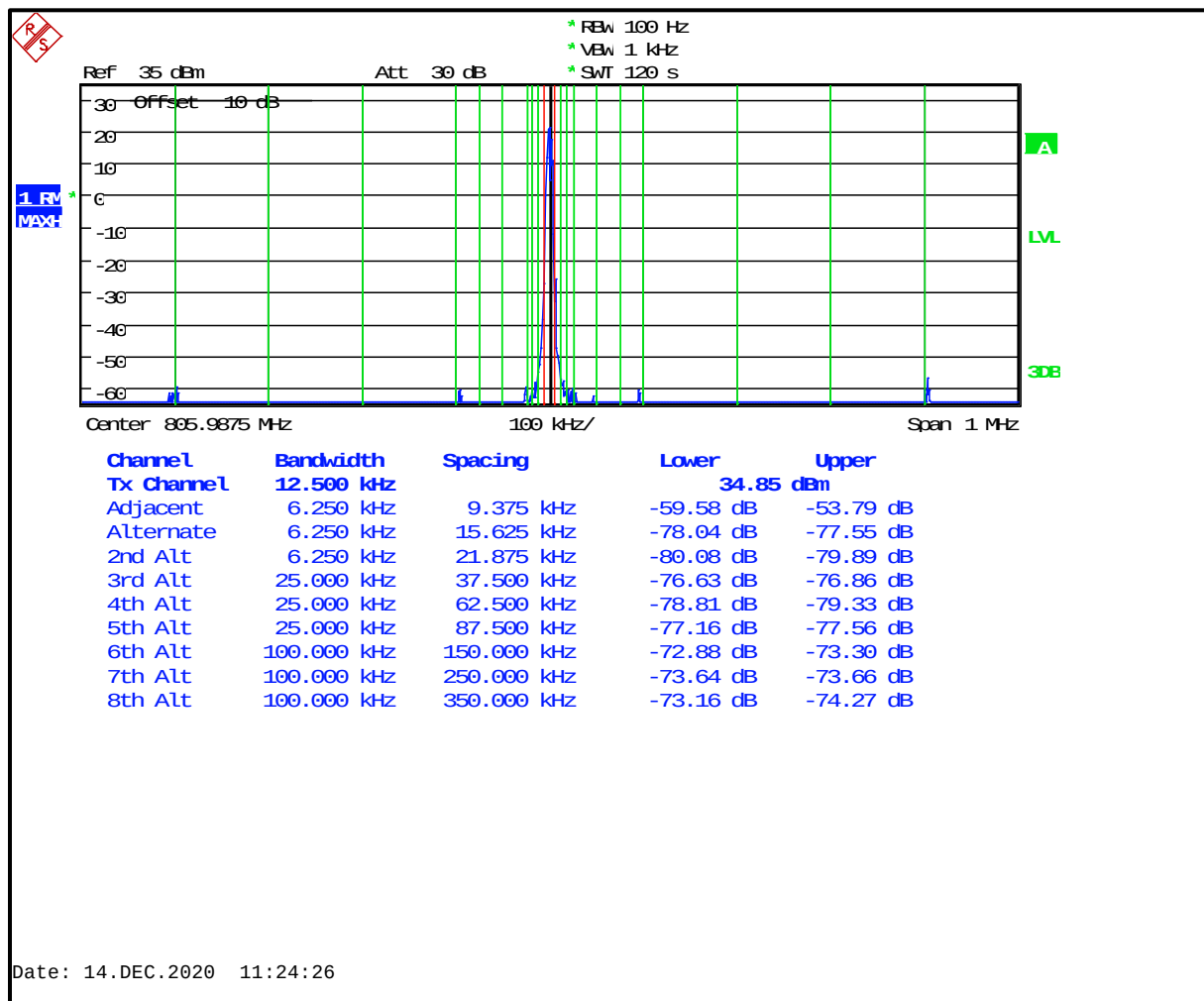


Table 6-10: Adjacent Channel Power – 805.9875 MHz; NB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.4
12 MHz to receive band	30(s)	-75	-96.8
In receive band	30(s)	-100	-106.1

Plot 6-11: Adjacent Channel Power - 768.0125 MHz; WB Analog Mode (9.375 kHz - 350 kHz) ISED

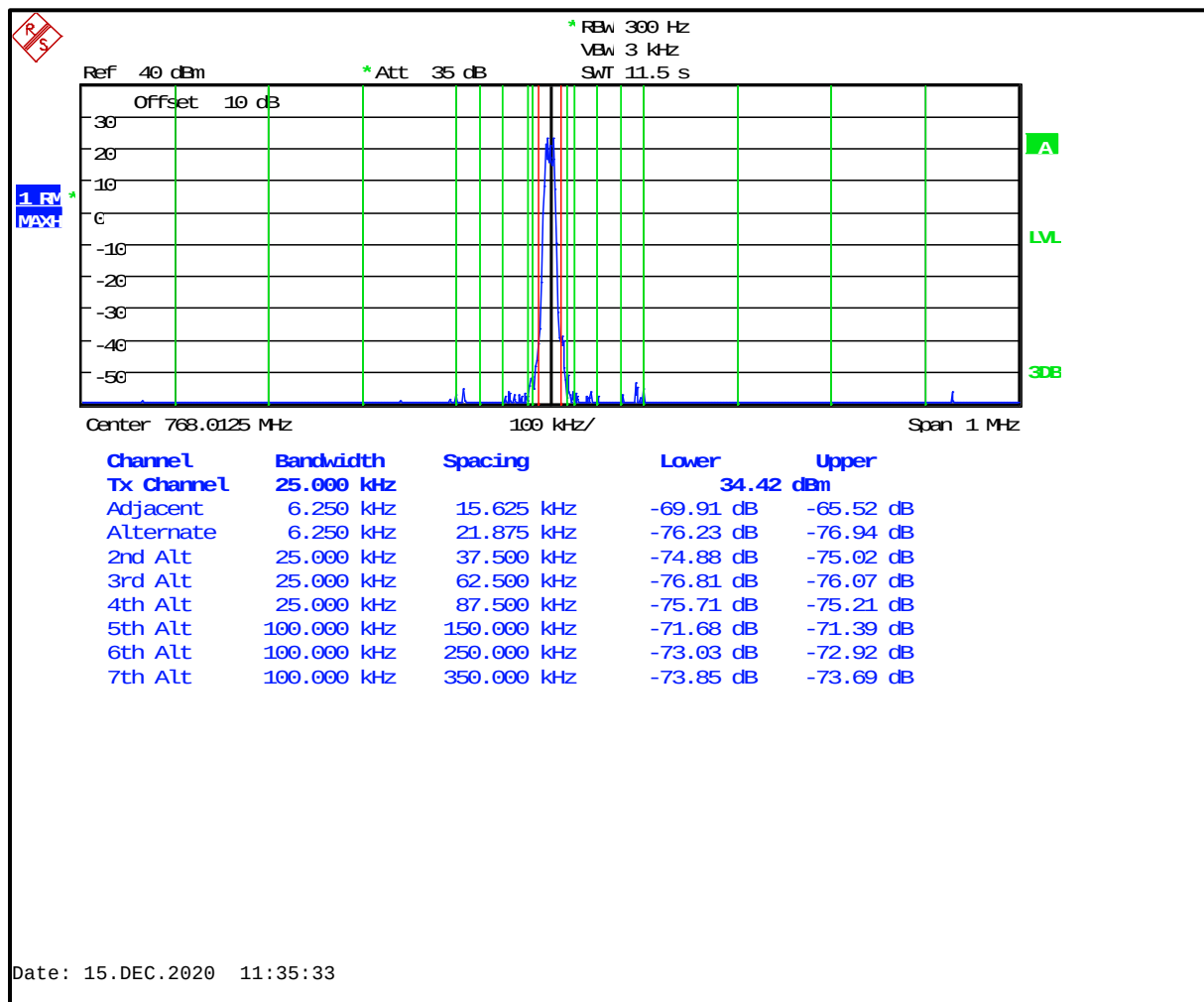


Table 6-11: Adjacent Channel Power - 768.0125 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-85.4
12 MHz to receive band	30(s)	-75	-98.5
In receive band	30(s)	-100	-117.8

Plot 6-12: Adjacent Channel Power - 769.0125 MHz; WB Analog Mode (9.375 kHz - 350 kHz) FCC

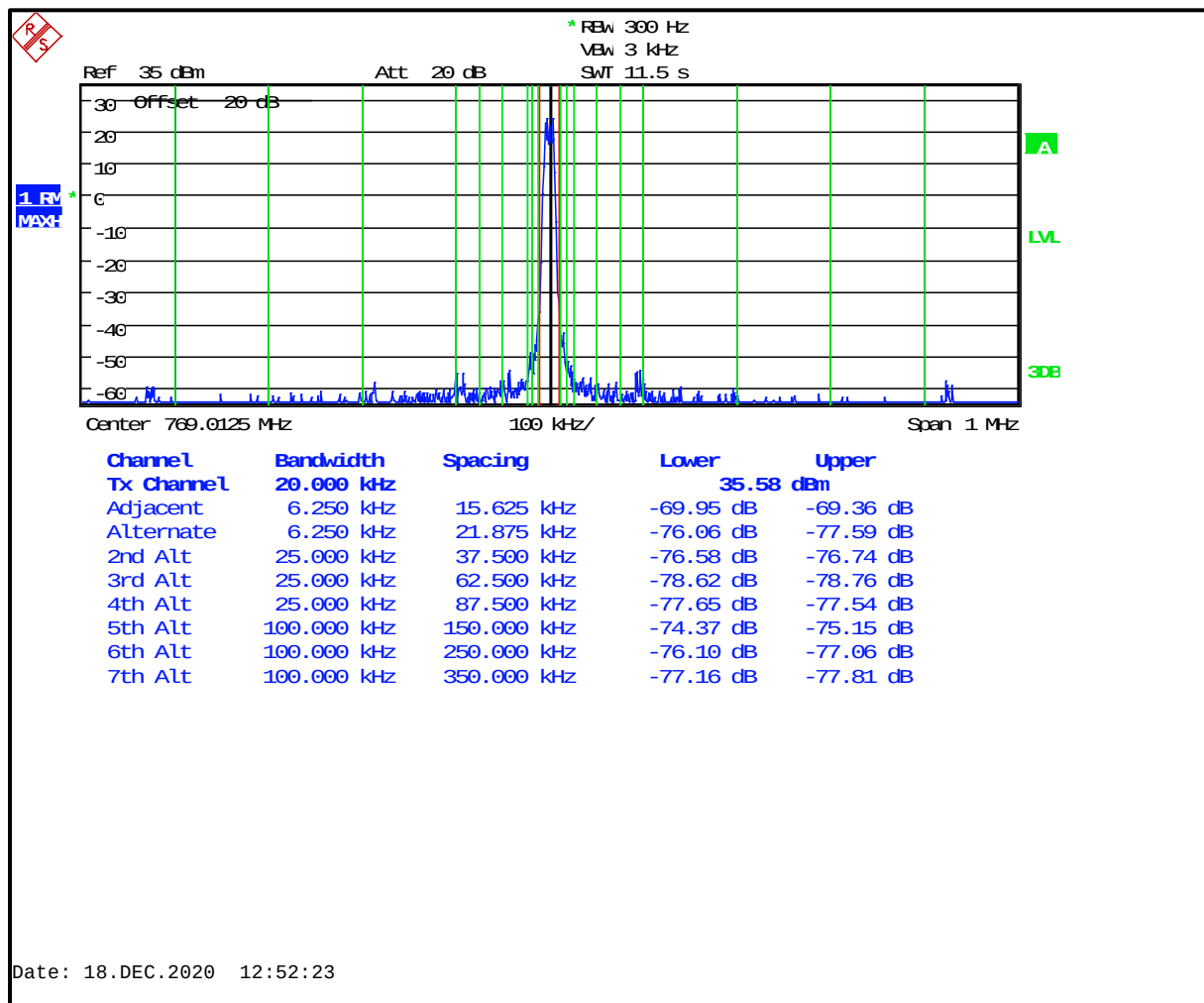


Table 6-12: Adjacent Channel Power - 769.0125 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-89.6
12 MHz to receive band	30(s)	-75	-98.6
In receive band	30(s)	-100	-117.8

Plot 6-13: Adjacent Channel Power - 772.0000 MHz; WB Analog Mode (9.375 kHz - 350 kHz)

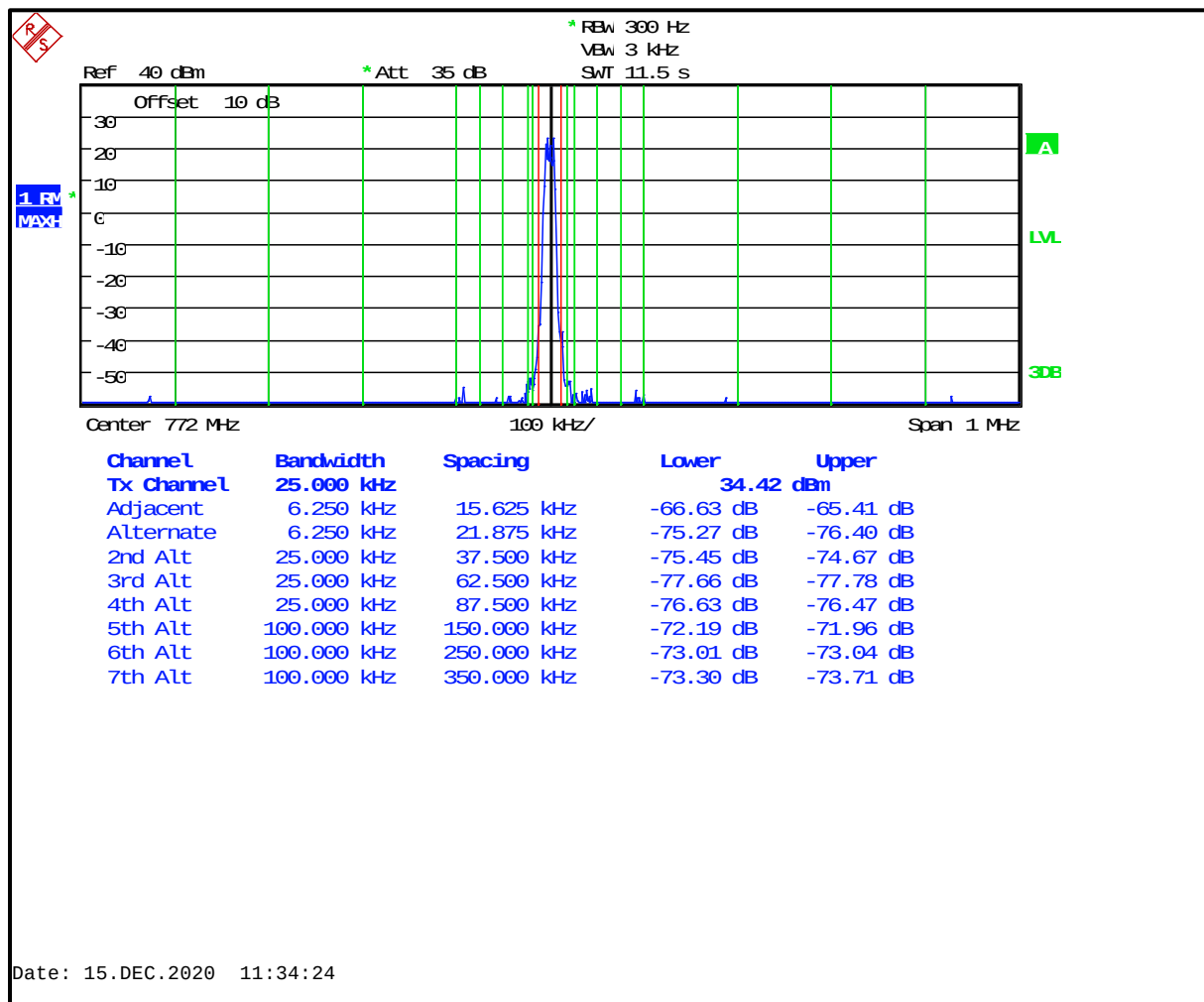


Table 6-13: Adjacent Channel Power - 772.0000 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-87.2
12 MHz to receive band	30(s)	-75	-96.9
In receive band	30(s)	-100	-117.5

Plot 6-14: Adjacent Channel Power - 774.9875 MHz; WB Analog Mode (9.375 kHz - 350 kHz) FCC

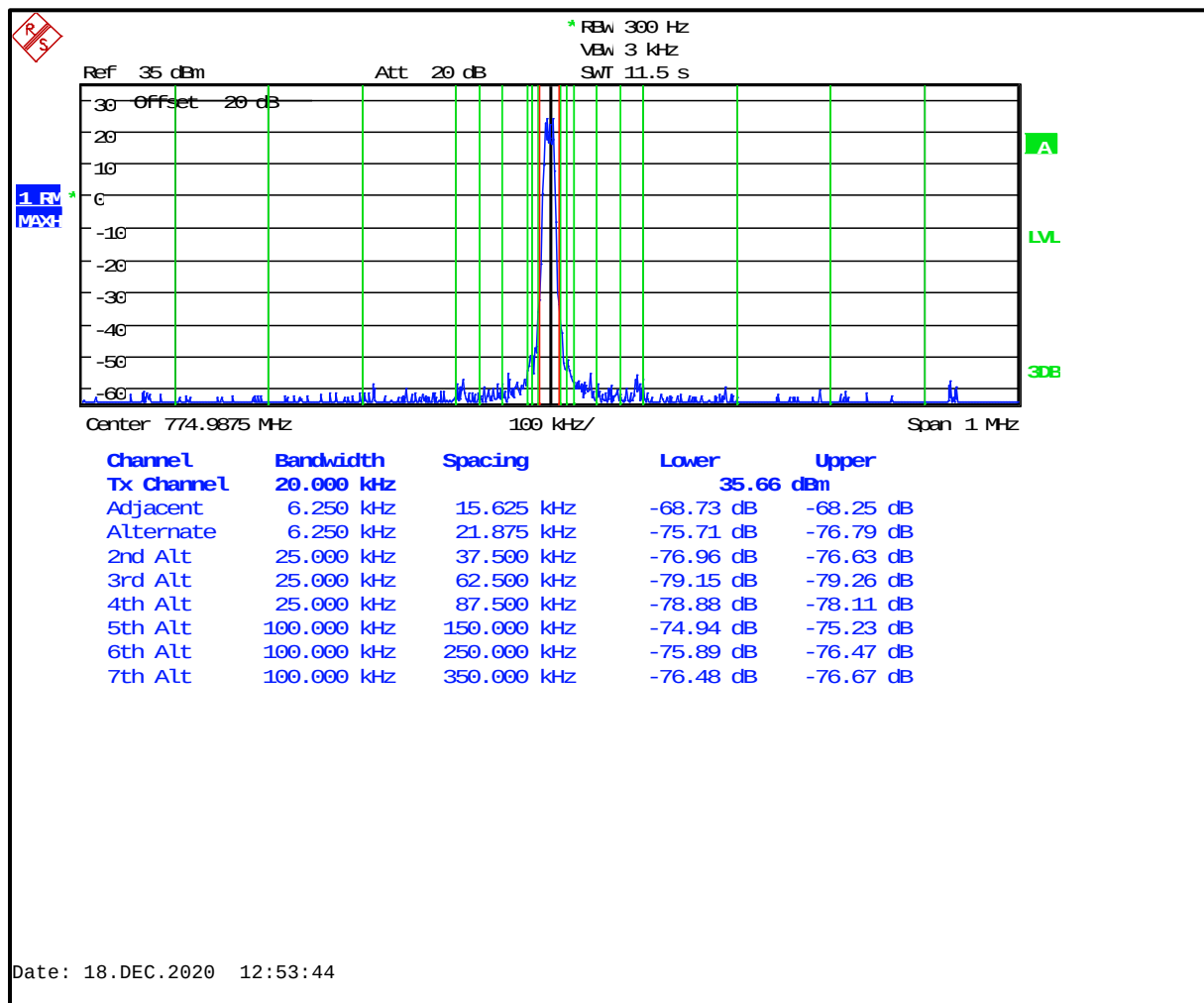


Table 6-14: Adjacent Channel Power - 774.9875 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-87.7
12 MHz to receive band	30(s)	-75	-105.8
In receive band	30(s)	-100	-117.6

Plot 6-15: Adjacent Channel Power - 775.9875 MHz; WB Analog Mode (9.375 kHz - 350 kHz) ISED

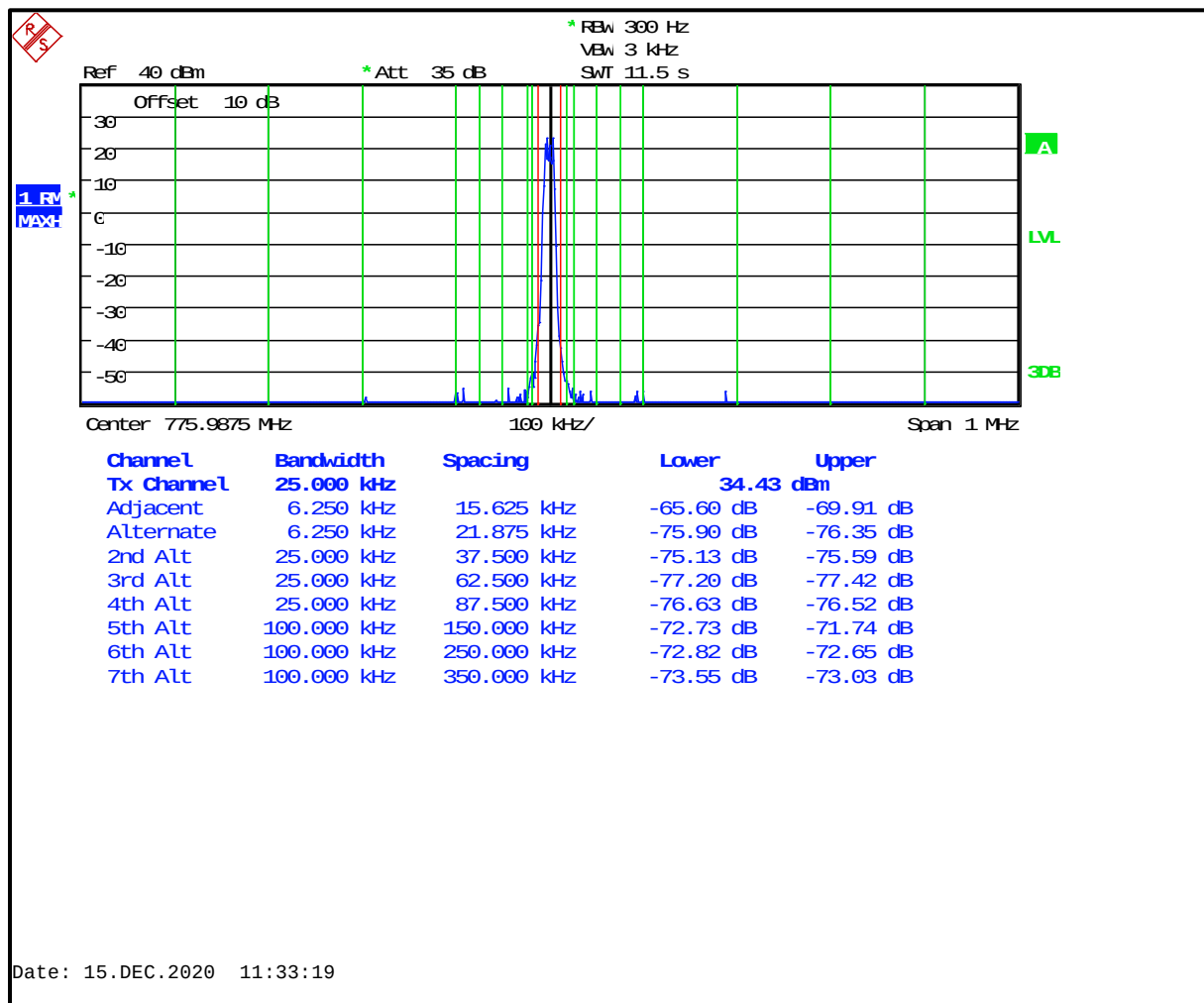


Table 6-15: Adjacent Channel Power - 775.9875 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-85.9
12 MHz to receive band	30(s)	-75	-108.3
In receive band	30(s)	-100	-117.0

Plot 6-16: Adjacent Channel Power – 798.0125 MHz; WB Analog Mode (9.375 kHz - 350 kHz) ISED

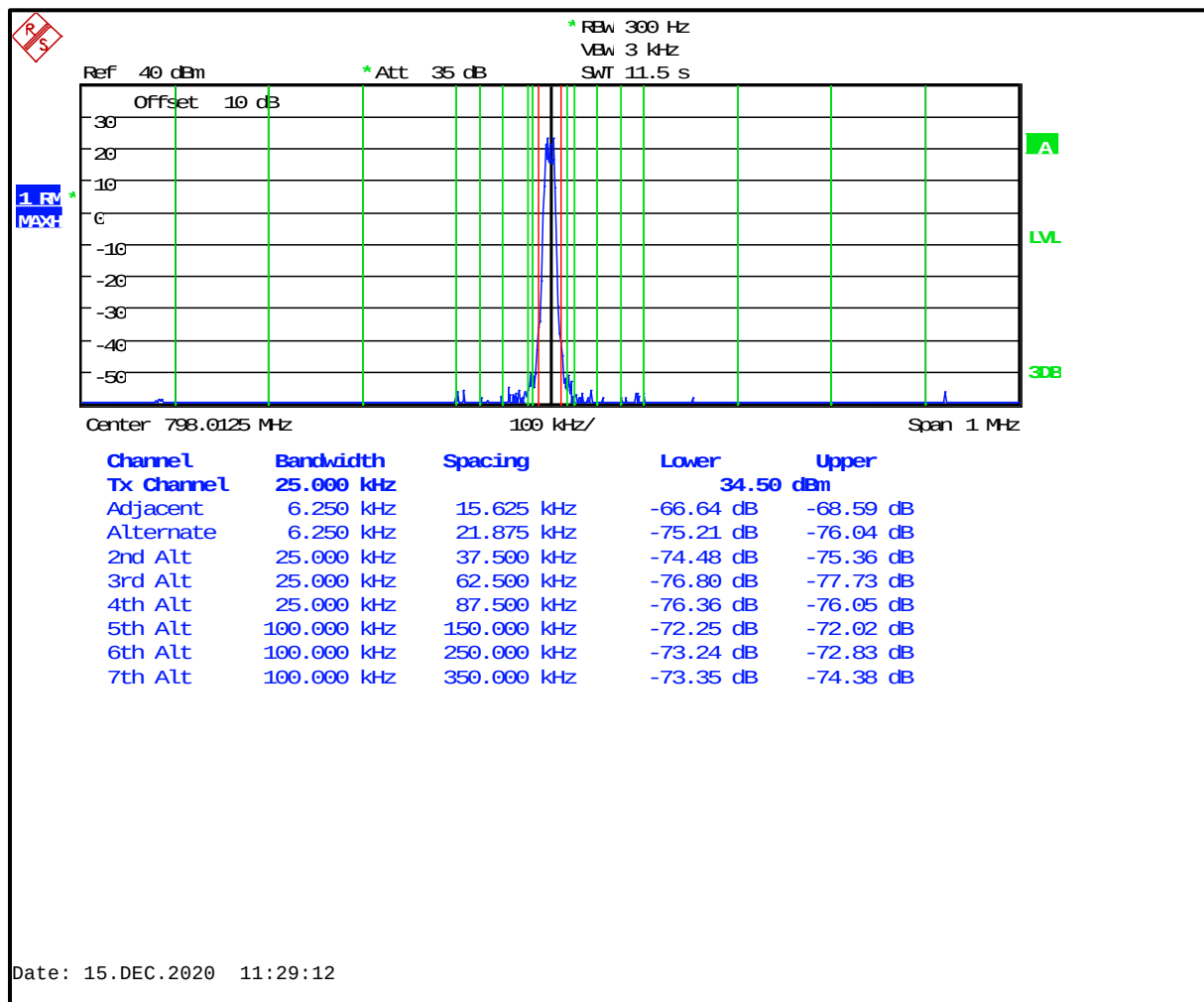


Table 6-16: Adjacent Channel Power – 798.0125 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.4
12 MHz to receive band	30(s)	-75	-100.3
In receive band	30(s)	-100	-102.2

Plot 6-17: Adjacent Channel Power – 799.0125 MHz; WB Analog Mode (9.375 kHz - 350 kHz) FCC

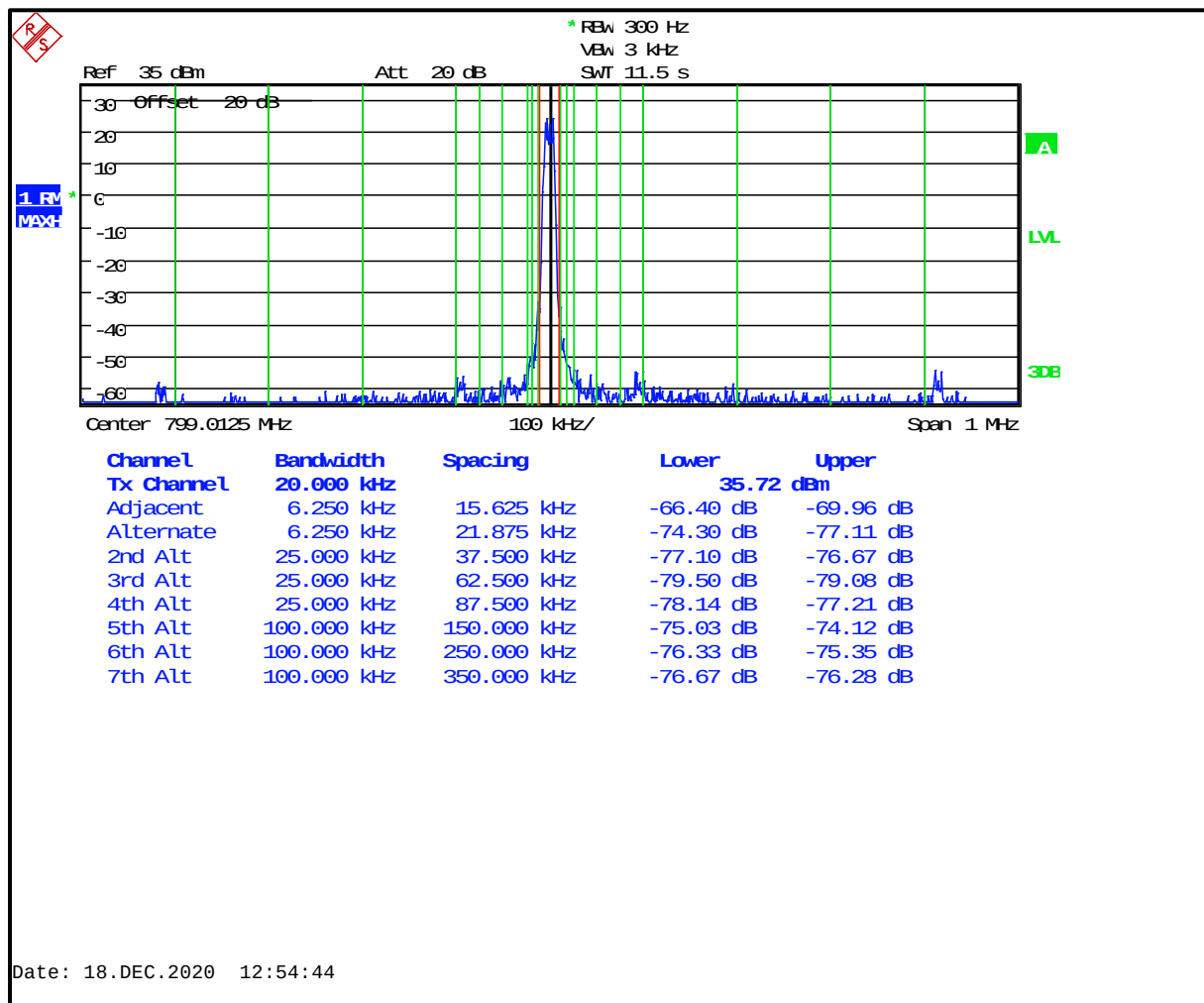


Table 6-17: Adjacent Channel Power – 799.0125 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.0
12 MHz to receive band	30(s)	-75	-98.6
In receive band	30(s)	-100	-102.9

Plot 6-18: Adjacent Channel Power – 802.0000 MHz; WB Analog Mode (9.375 kHz - 350 kHz)

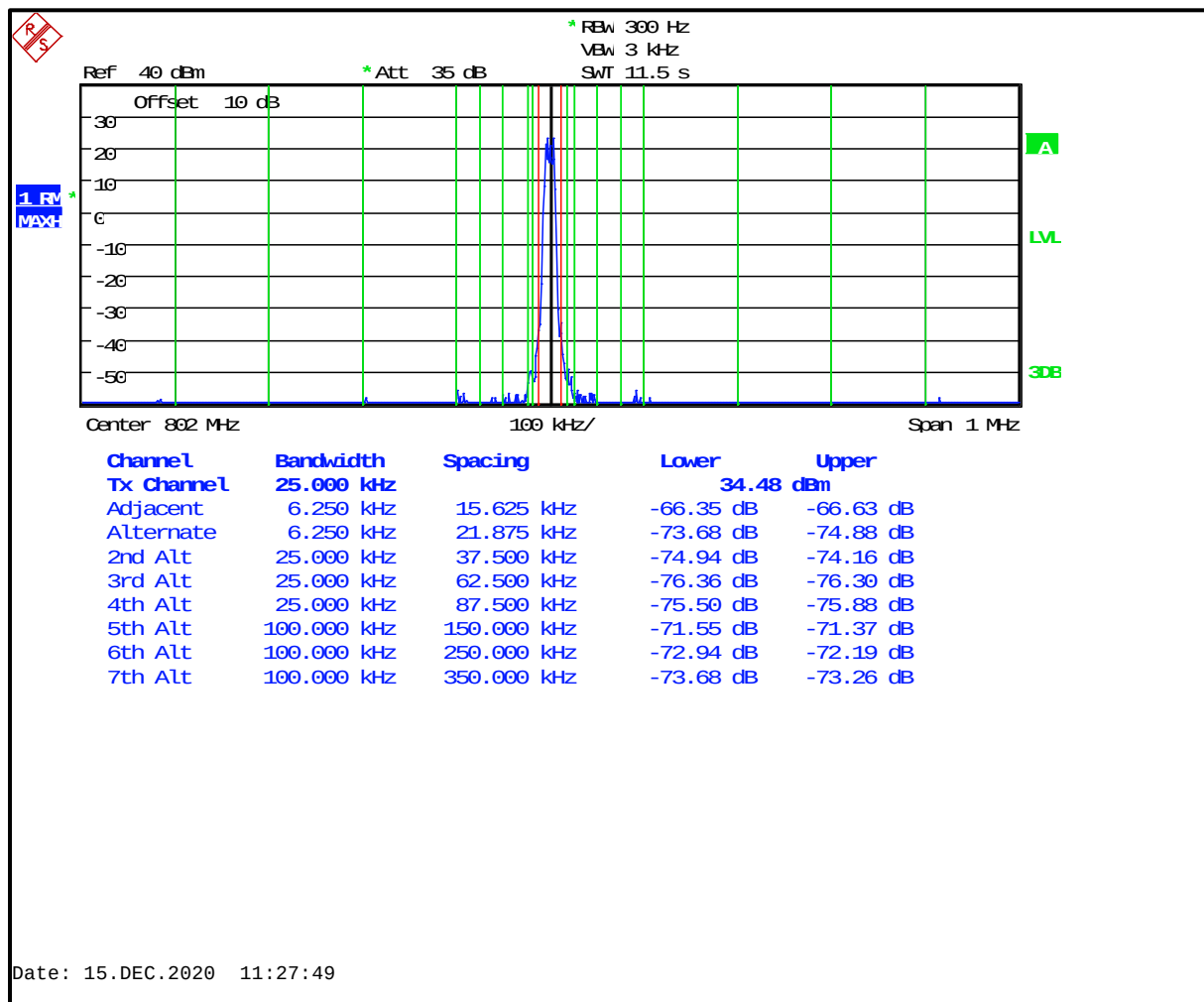


Table 6-18: Adjacent Channel Power – 802.0000 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.8
12 MHz to receive band	30(s)	-75	-97.8
In receive band	30(s)	-100	-103.9

Plot 6-19: Adjacent Channel Power – 804.9875 MHz; WB Analog Mode (9.375 kHz - 350 kHz) FCC

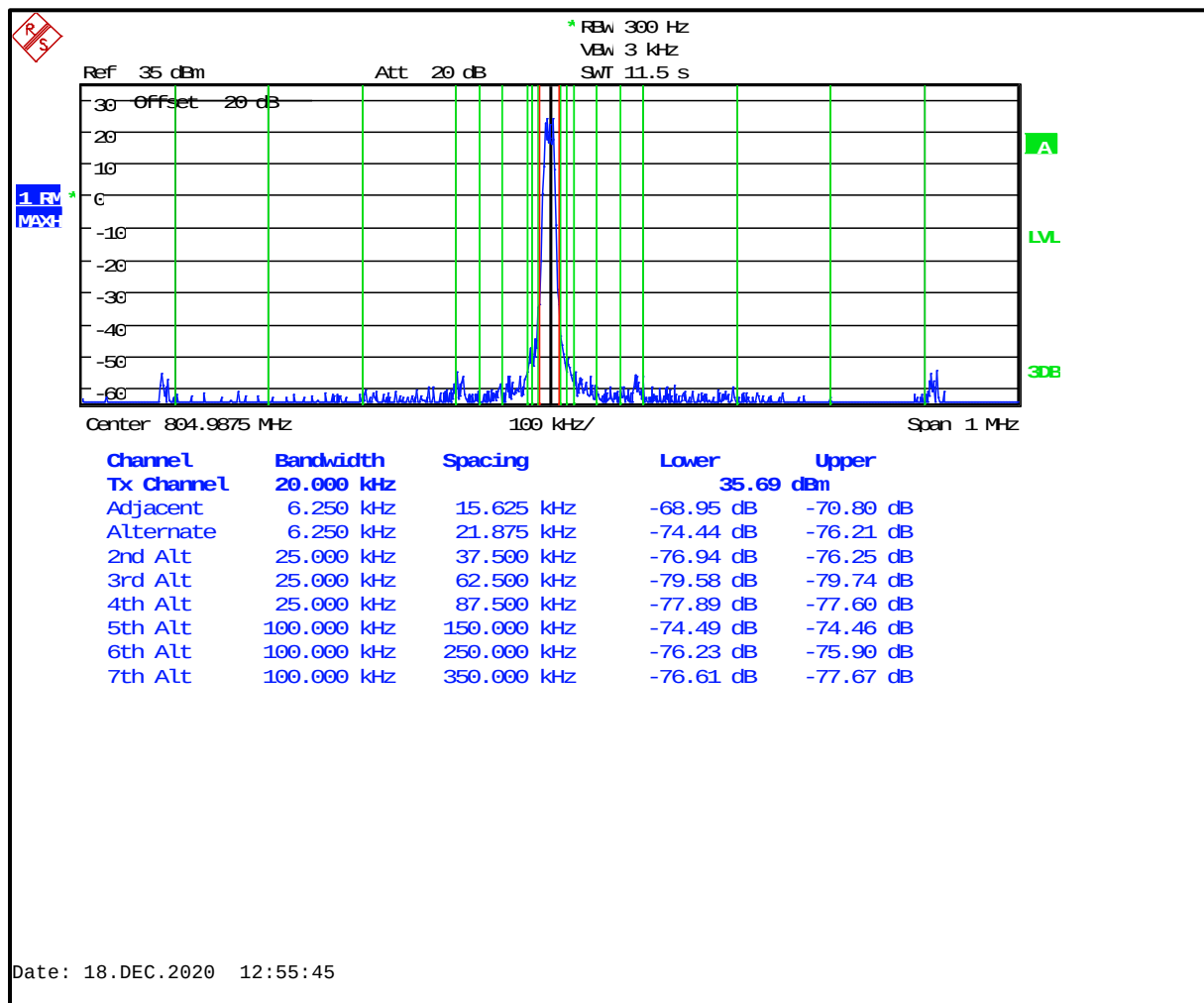


Table 6-19: Adjacent Channel Power – 804.9875 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.8
12 MHz to receive band	30(s)	-75	-97.3
In receive band	30(s)	-100	-104.9

Plot 6-20: Adjacent Channel Power – 805.9875 MHz; WB Analog Mode (9.375 kHz - 350 kHz) ISED

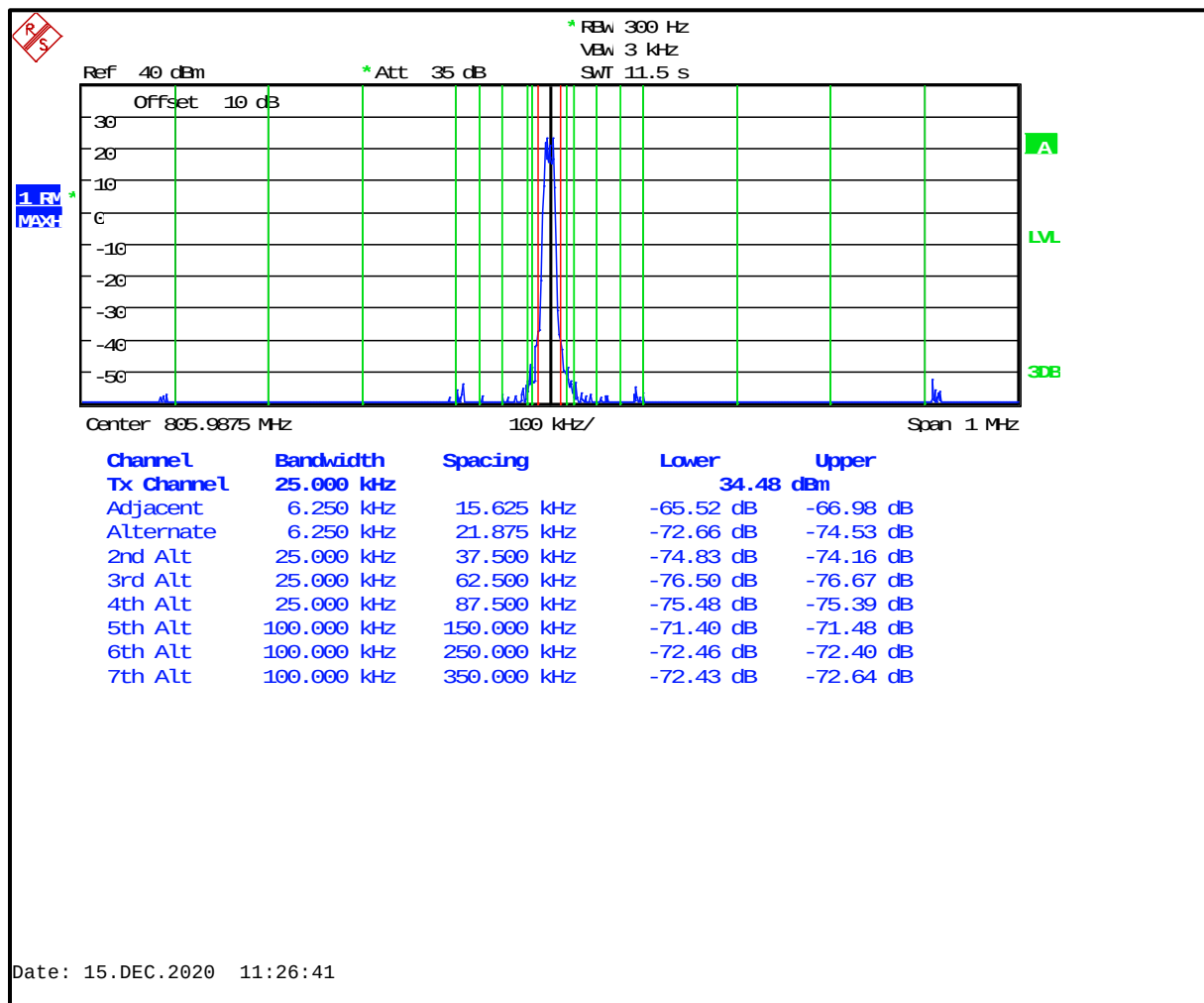


Table 6-20: Adjacent Channel Power – 805.9875 MHz; WB Analog Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.6
12 MHz to receive band	30(s)	-75	-96.4
In receive band	30(s)	-100	-107.0

Plot 6-21: Adjacent Channel Power - 768.0125 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) ISED

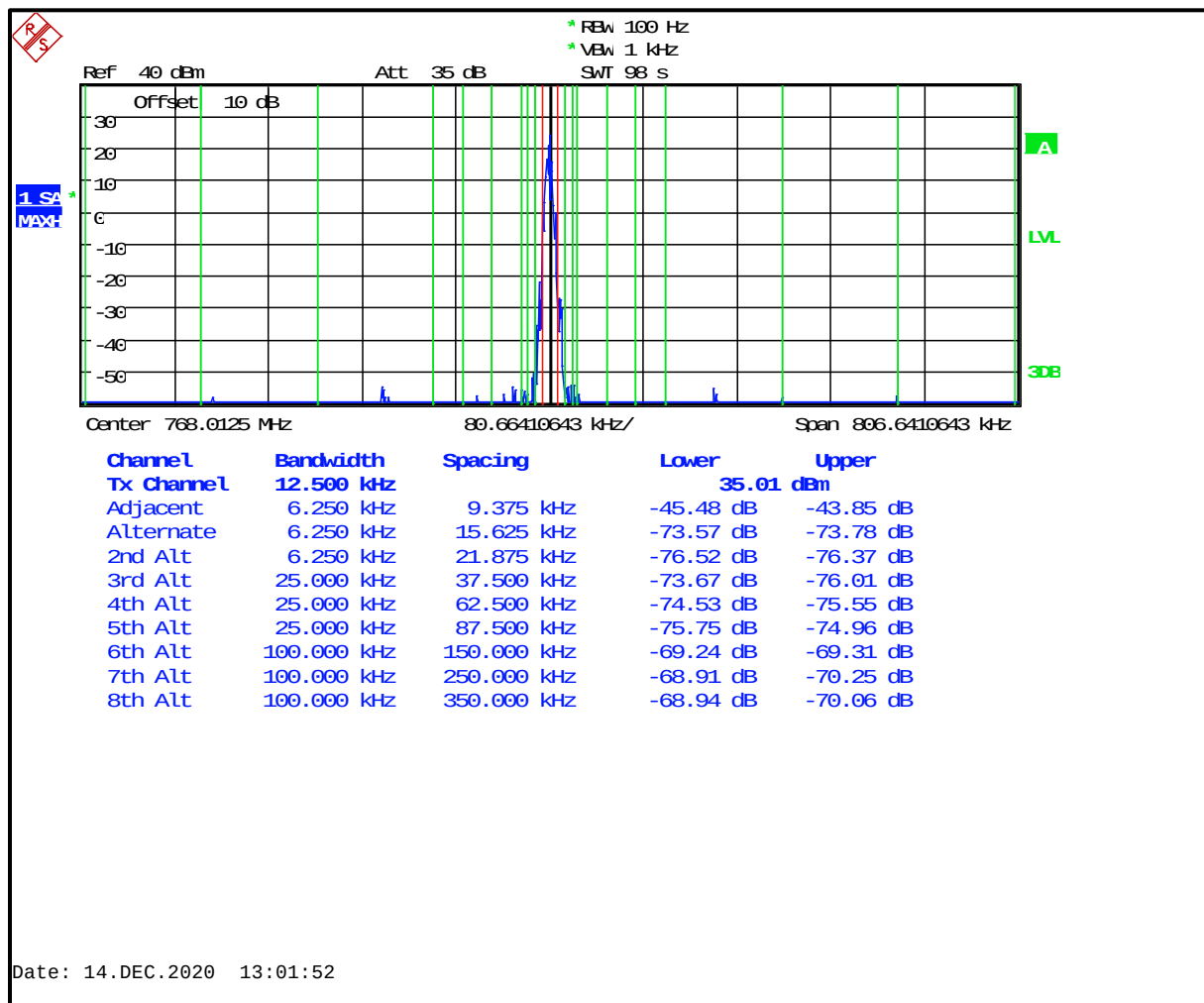


Table 6-21: Adjacent Channel Power - 768.0125 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-85.2
12 MHz to receive band	30(s)	-75	-96.7
In receive band	30(s)	-100	-111.4

Plot 6-22: Adjacent Channel Power - 769.0125 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) FCC

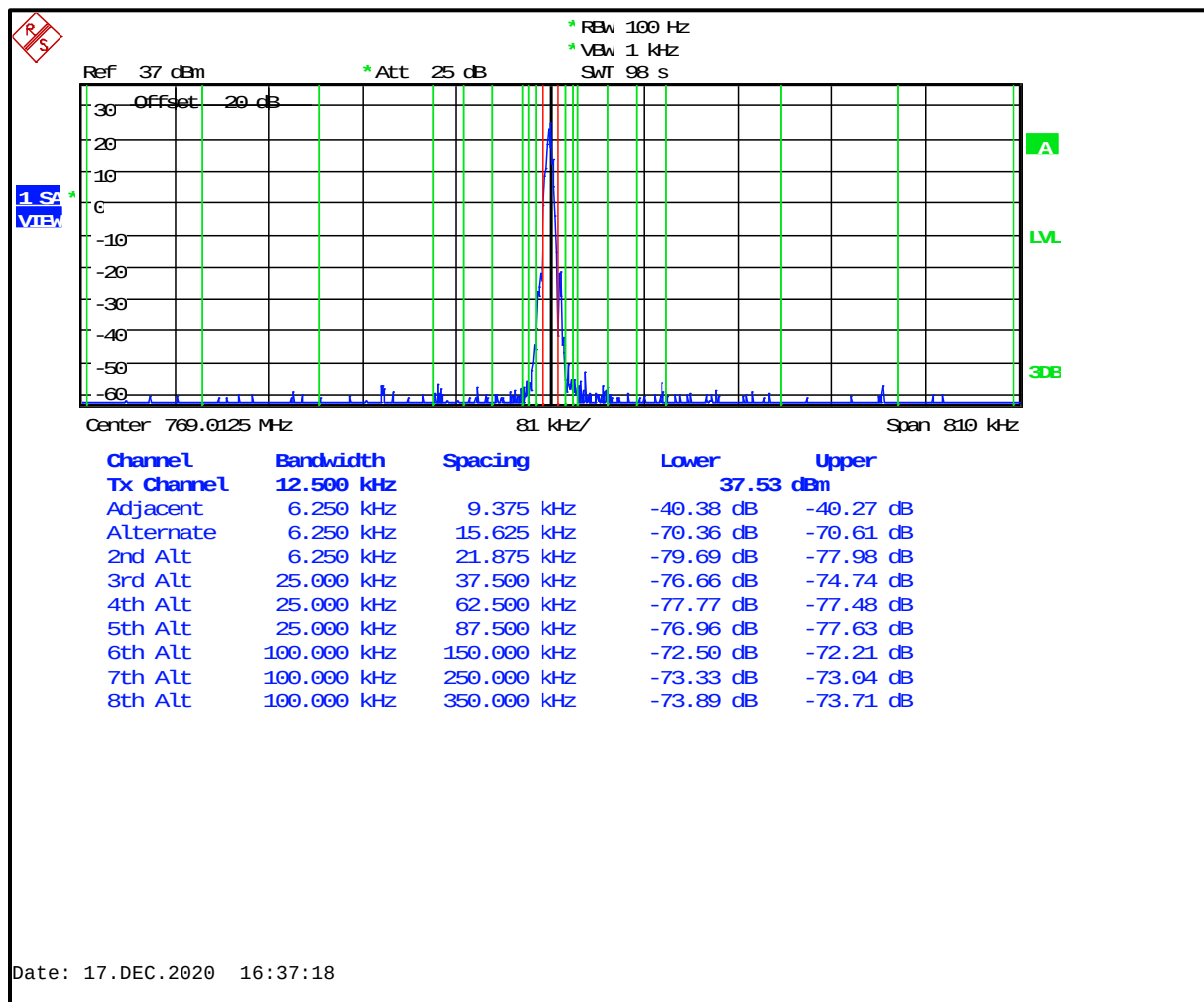


Table 6-22: Adjacent Channel Power - 769.0125 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-84.2
12 MHz to receive band	30(s)	-75	-100.4
In receive band	30(s)	-100	-113.1

Plot 6-23: Adjacent Channel Power - 772.0000 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz)

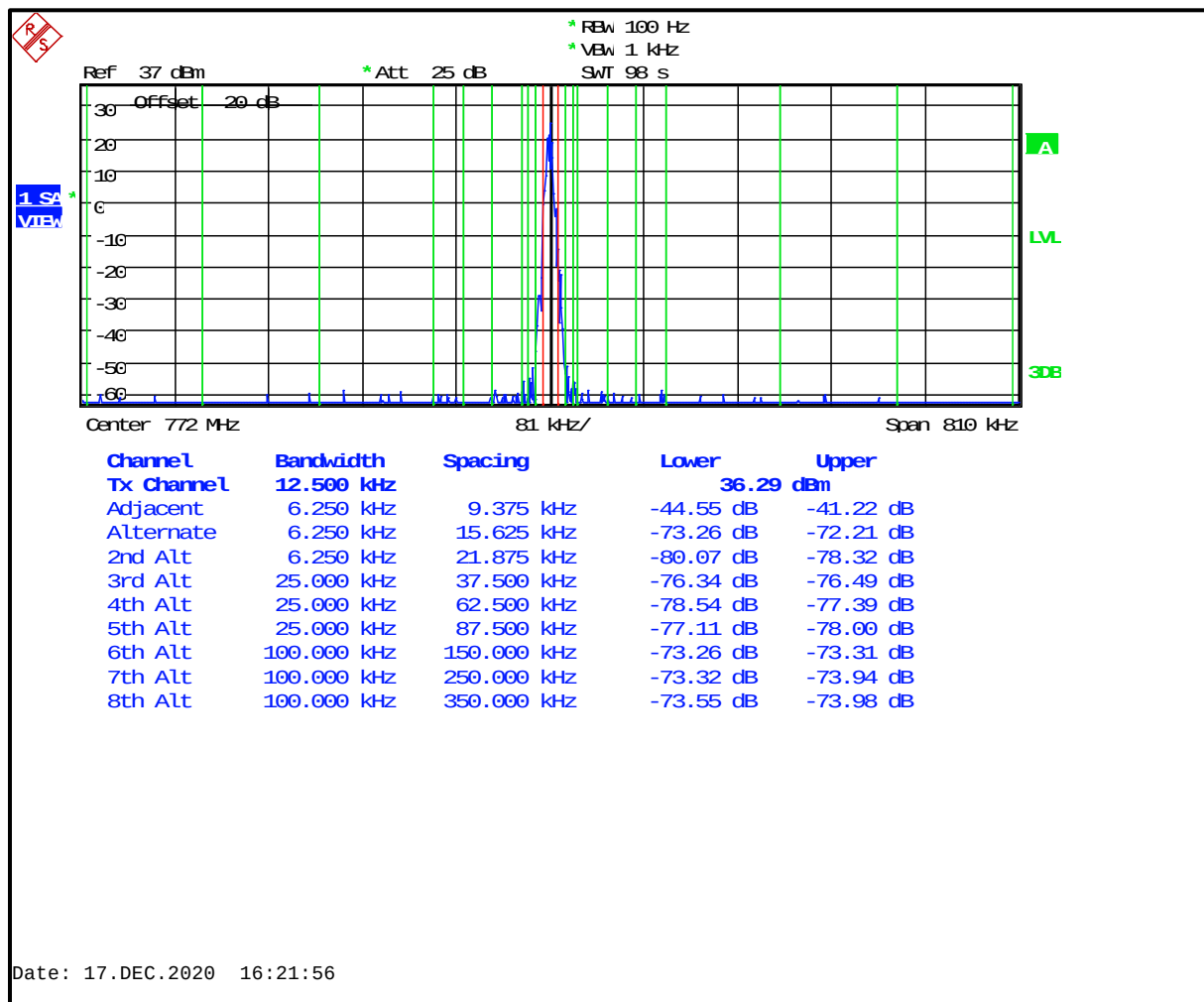


Table 6-23: Adjacent Channel Power - 772.0000 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.9
12 MHz to receive band	30(s)	-75	-101.1
In receive band	30(s)	-100	-112.9

Plot 6-24: Adjacent Channel Power - 774.9875 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) FCC

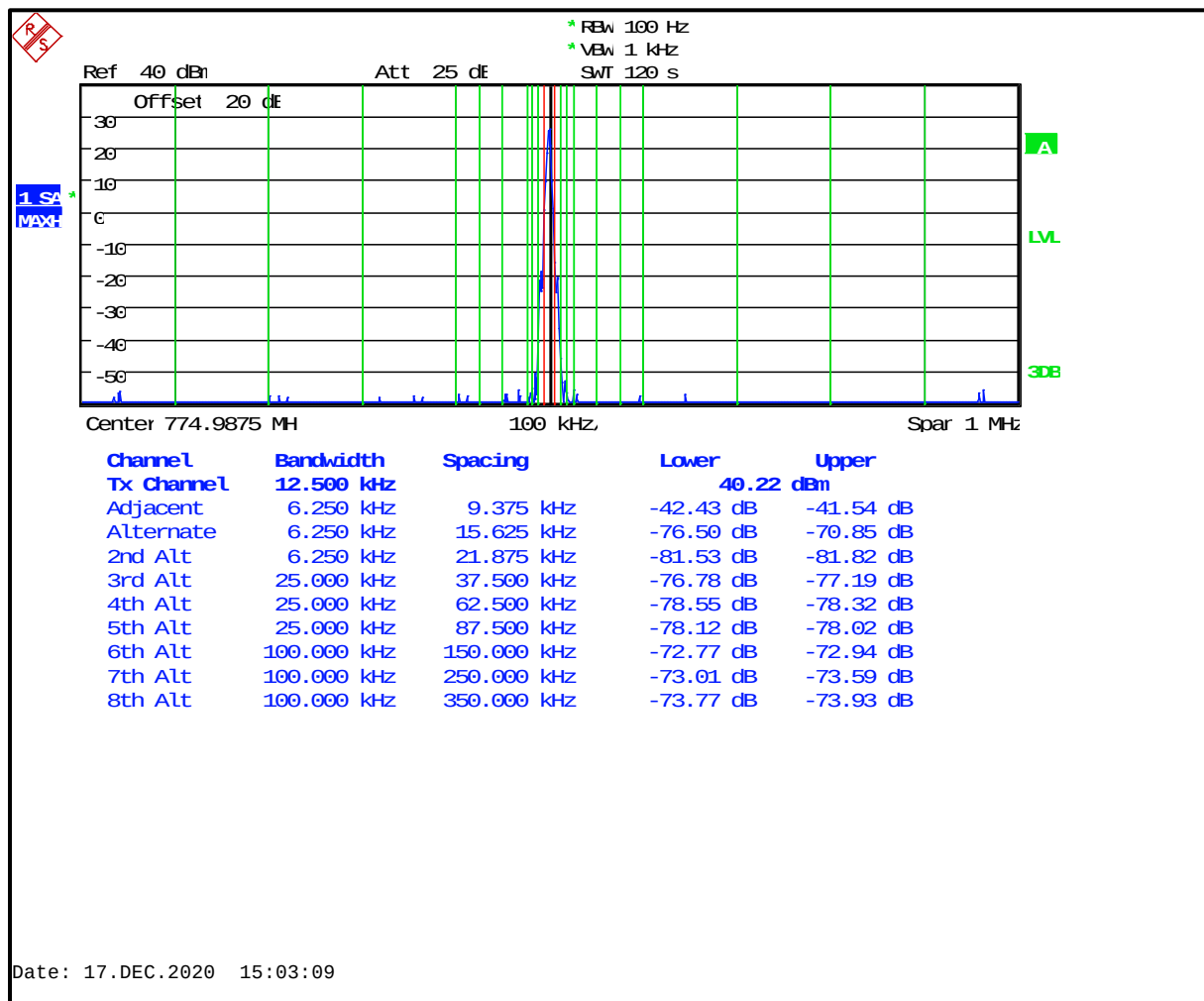


Table 6-24: Adjacent Channel Power - 774.9875 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.5
12 MHz to receive band	30(s)	-75	-107.6
In receive band	30(s)	-100	-112.9

Plot 6-25: Adjacent Channel Power - 775.9875 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) ISED

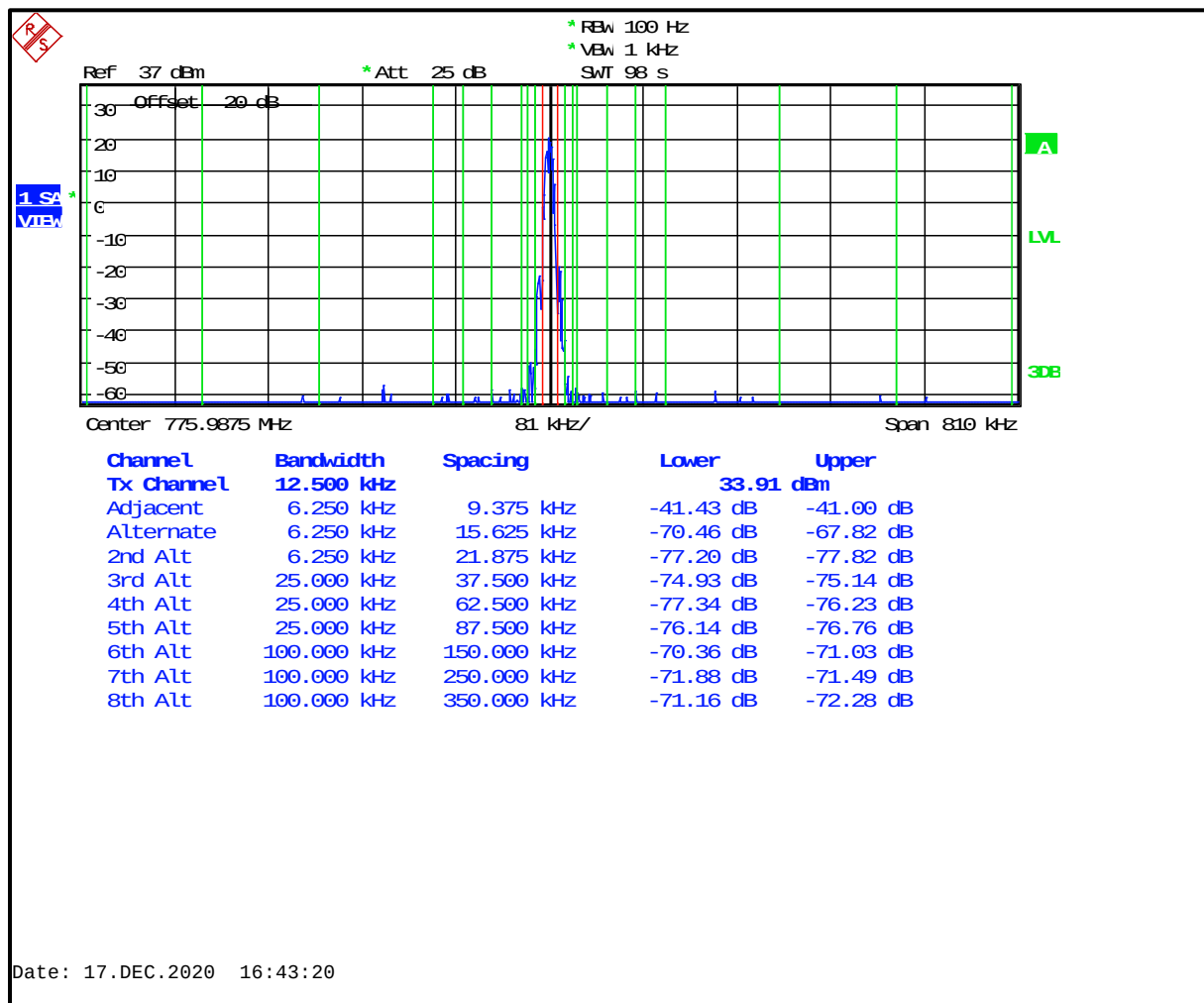


Table 6-25: Adjacent Channel Power - 775.9875 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.7
12 MHz to receive band	30(s)	-75	-107.2
In receive band	30(s)	-100	-112.9

Plot 6-26: Adjacent Channel Power – 798.0125 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) ISED

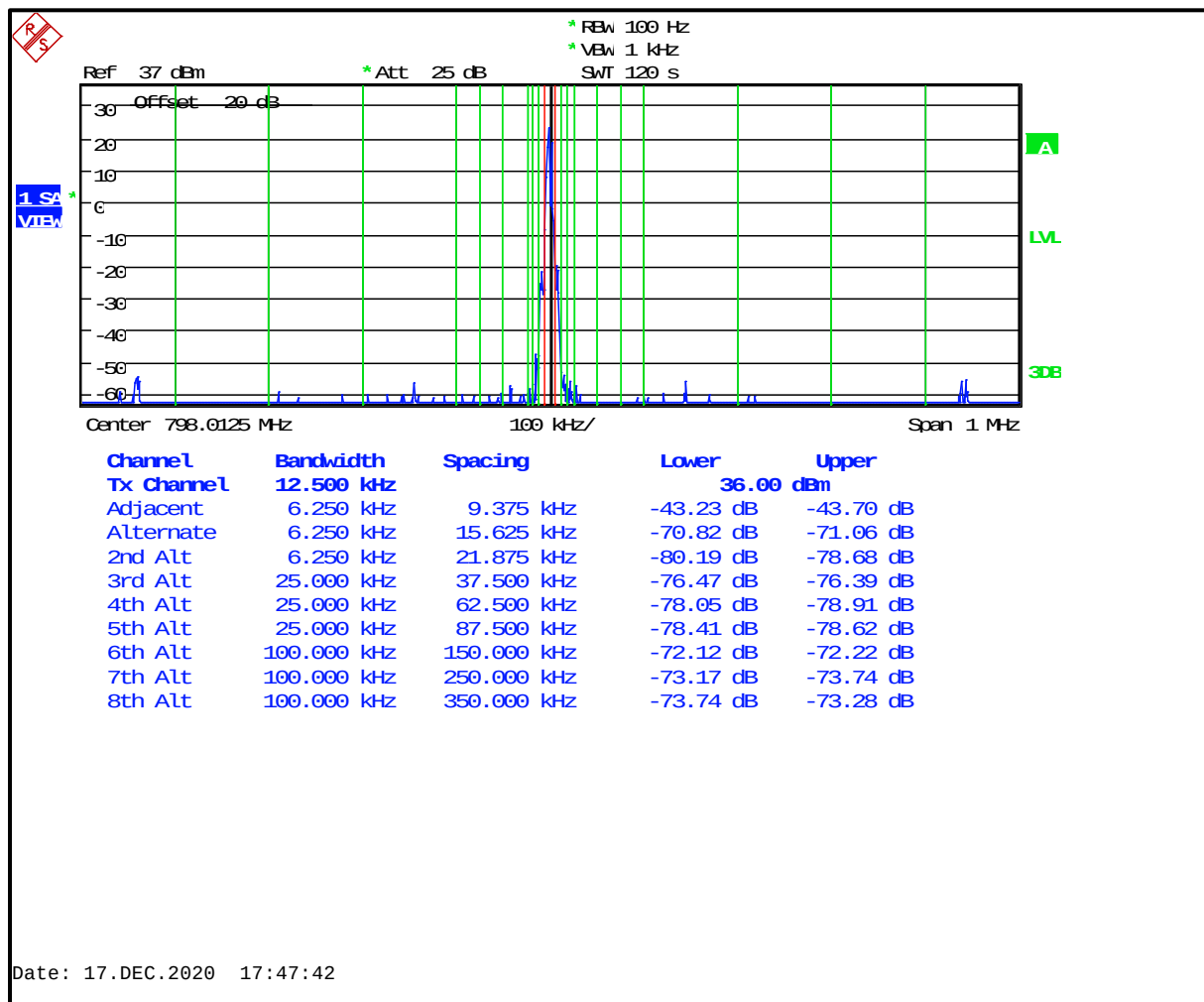


Table 6-26: Adjacent Channel Power – 798.0125 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.0
12 MHz to receive band	30(s)	-75	-105.2
In receive band	30(s)	-100	-102.5

Plot 6-27: Adjacent Channel Power – 799.0125 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) FCC

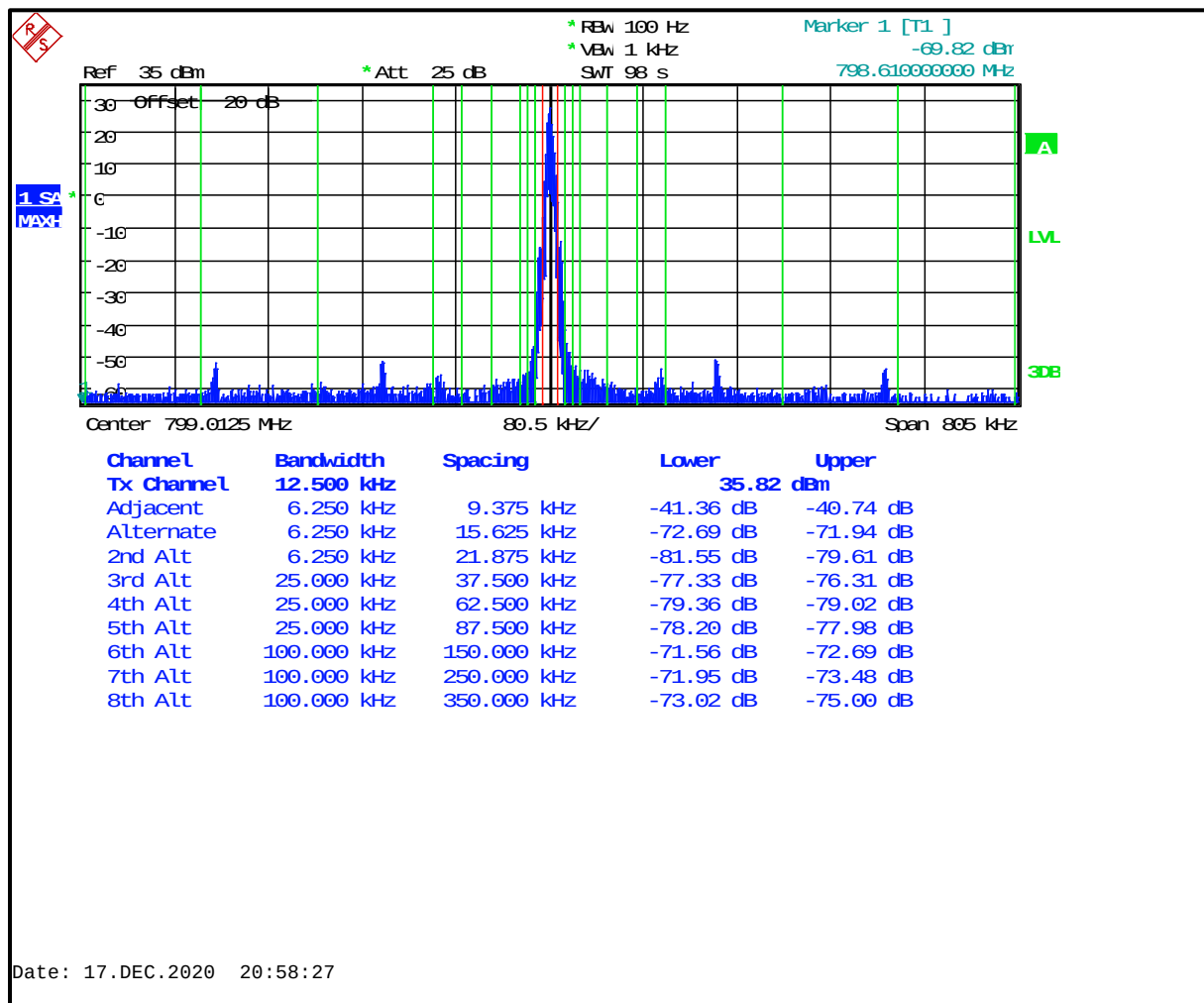


Table 6-27: Adjacent Channel Power – 799.0125 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.0
12 MHz to receive band	30(s)	-75	-100.3
In receive band	30(s)	-100	-101.5

Plot 6-28: Adjacent Channel Power – 802.0000 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz)

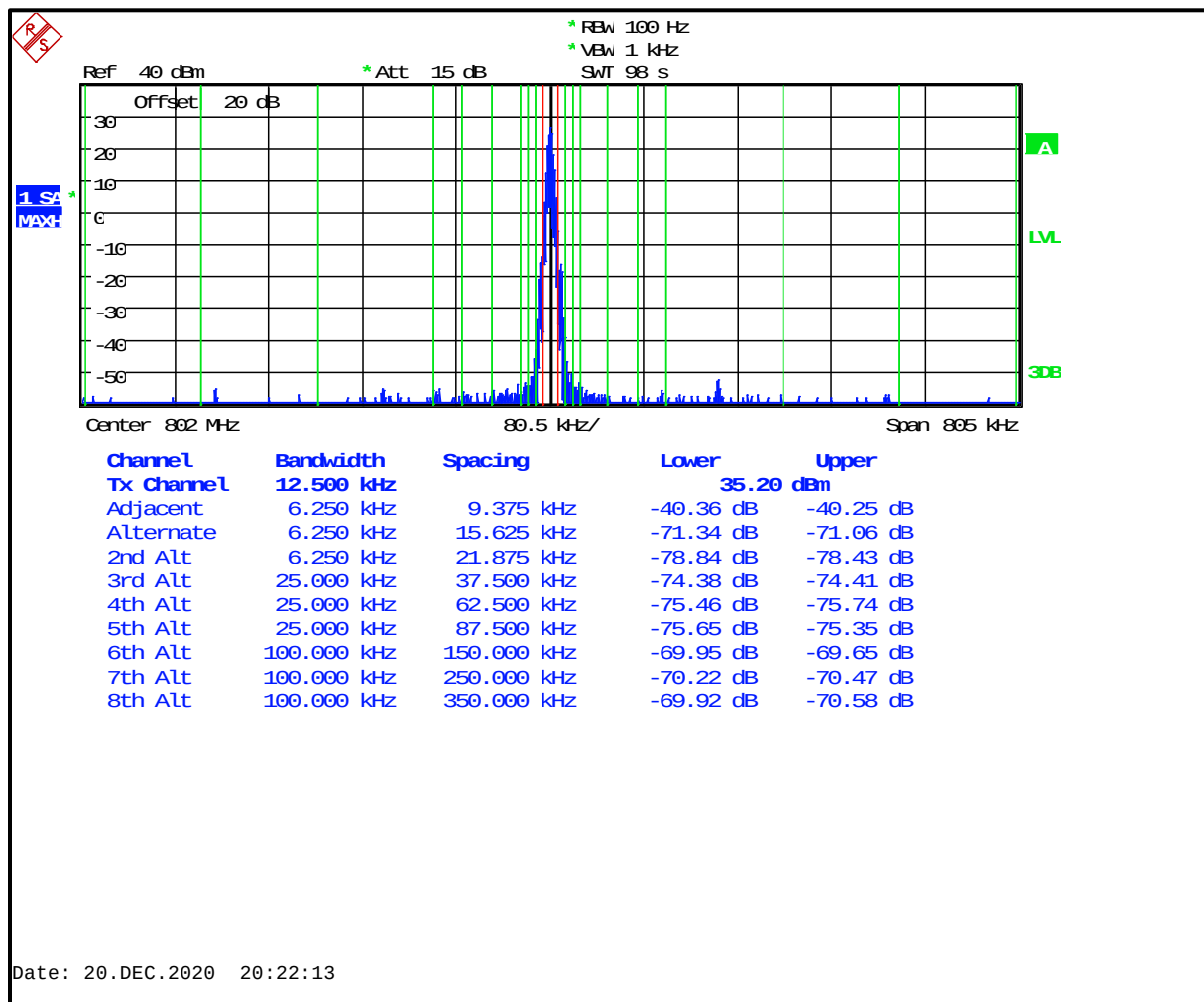


Table 6-28: Adjacent Channel Power – 802.0000 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.1
12 MHz to receive band	30(s)	-75	-98.3
In receive band	30(s)	-100	-103.8

Plot 6-29: Adjacent Channel Power – 804.9875 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) FCC

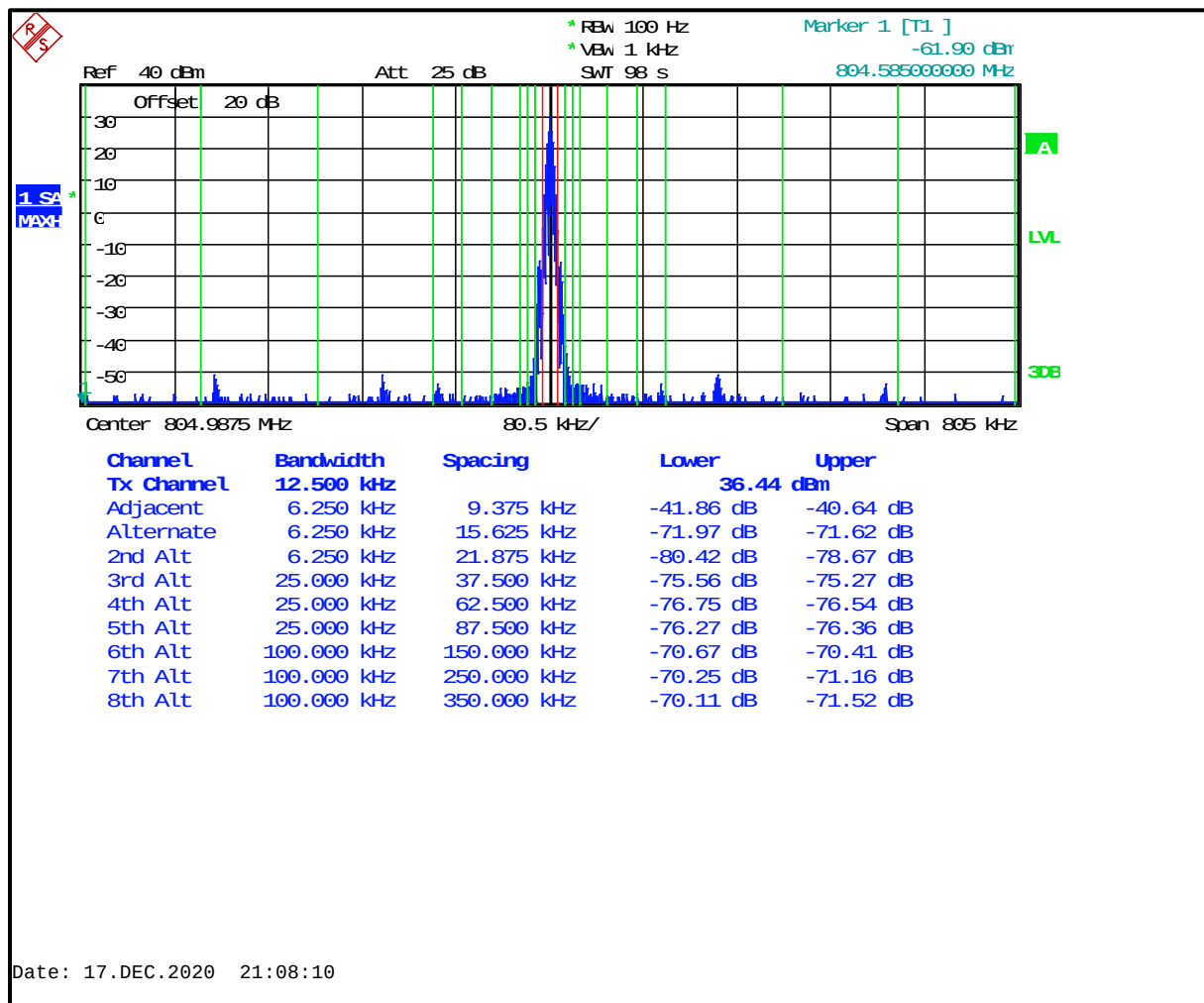


Table 6-29: Adjacent Channel Power – 804.9875 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.8
12 MHz to receive band	30(s)	-75	-96.3
In receive band	30(s)	-100	-104.7

Plot 6-30: Adjacent Channel Power – 805.9875 MHz; NB 2-Level FSK 9600 (9.375 kHz - 350 kHz) ISED

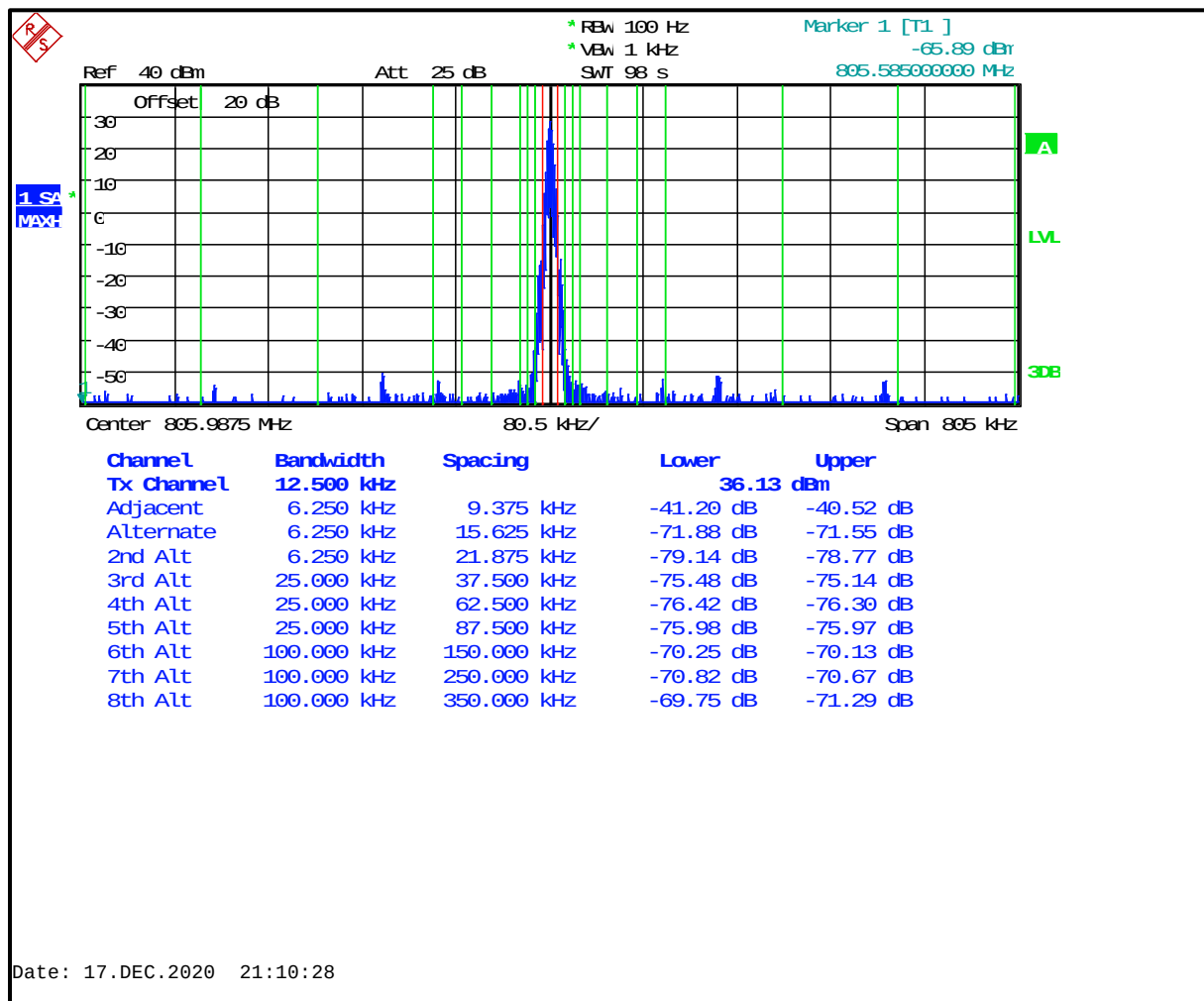


Table 6-30: Adjacent Channel Power – 805.9875 MHz; NB 2-Level FSK 9600 (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.0
12 MHz to receive band	30(s)	-75	-96.5
In receive band	30(s)	-100	-105.9

Plot 6-31: Adjacent Channel Power - 768.0125 MHz; C4FM Mode (9.375 kHz - 350 kHz) ISED

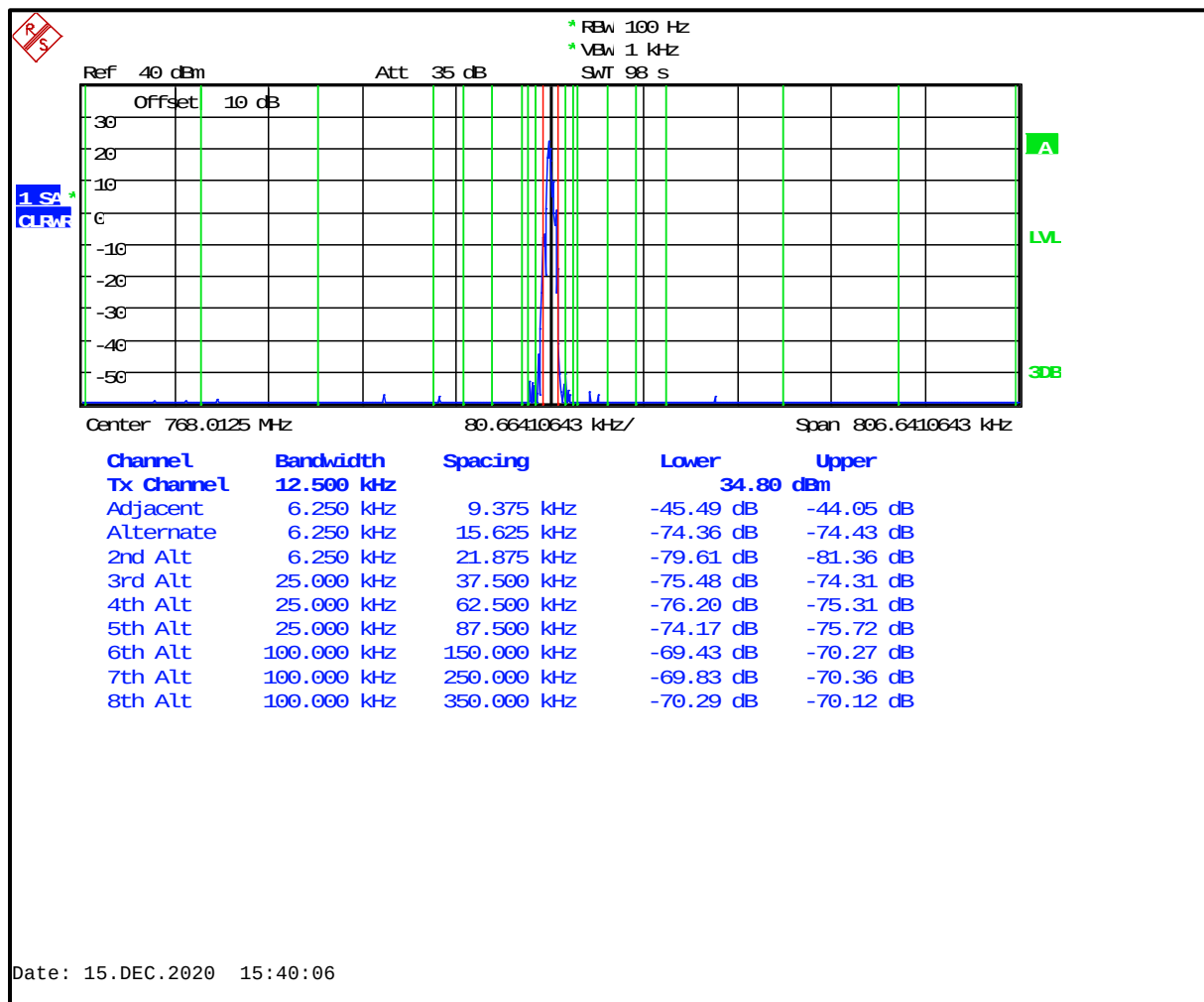


Table 6-31: Adjacent Channel Power - 768.0125 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.8
12 MHz to receive band	30(s)	-75	-97.2
In receive band	30(s)	-100	-113.9

Plot 6-32: Adjacent Channel Power - 769.0125 MHz; C4FM Mode (9.375 kHz - 350 kHz) FCC

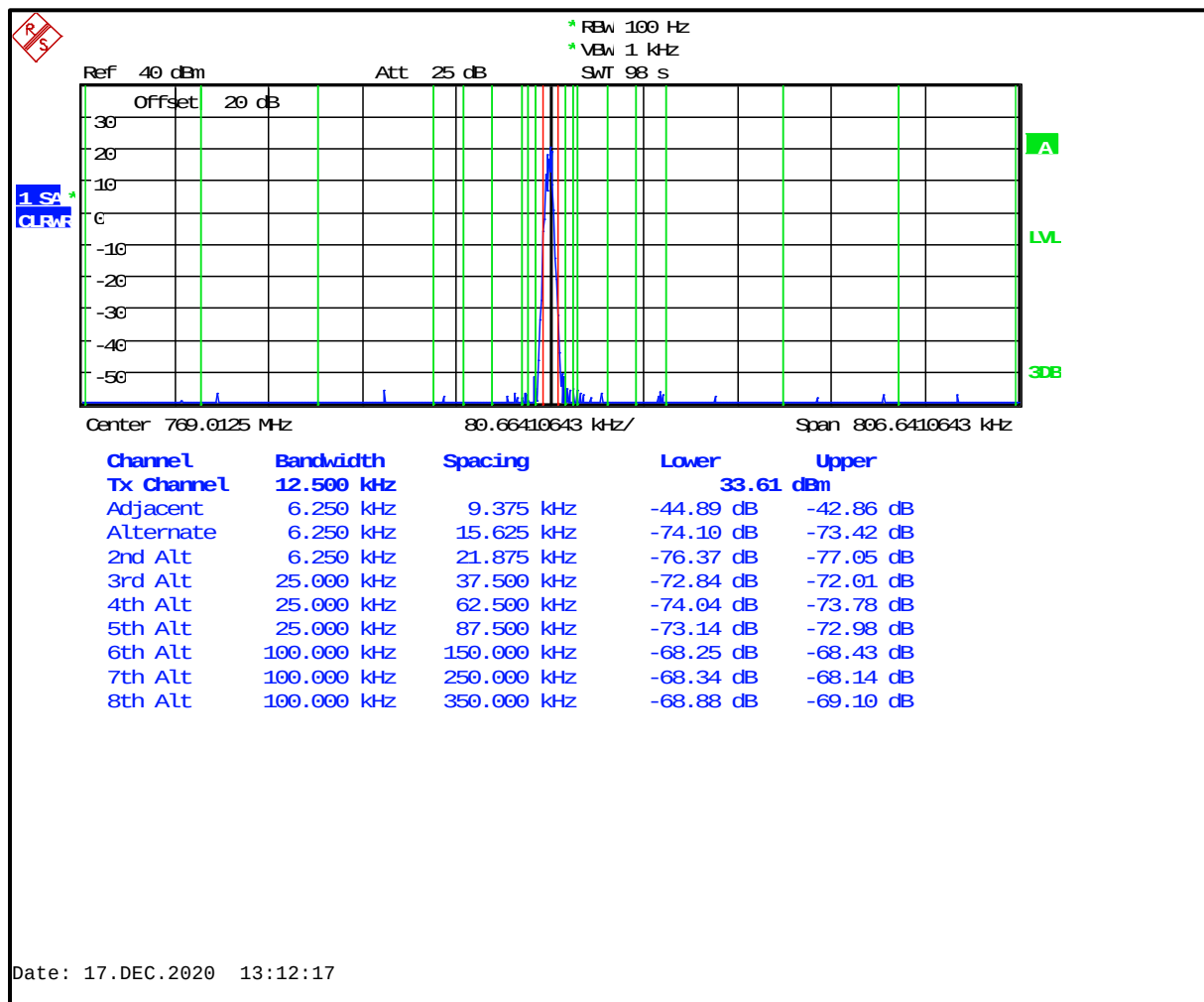


Table 6-32: Adjacent Channel Power - 769.0125 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.7
12 MHz to receive band	30(s)	-75	-100.3
In receive band	30(s)	-100	-112.9

Plot 6-33: Adjacent Channel Power - 772.0000 MHz; C4FM Mode (9.375 kHz - 350 kHz)

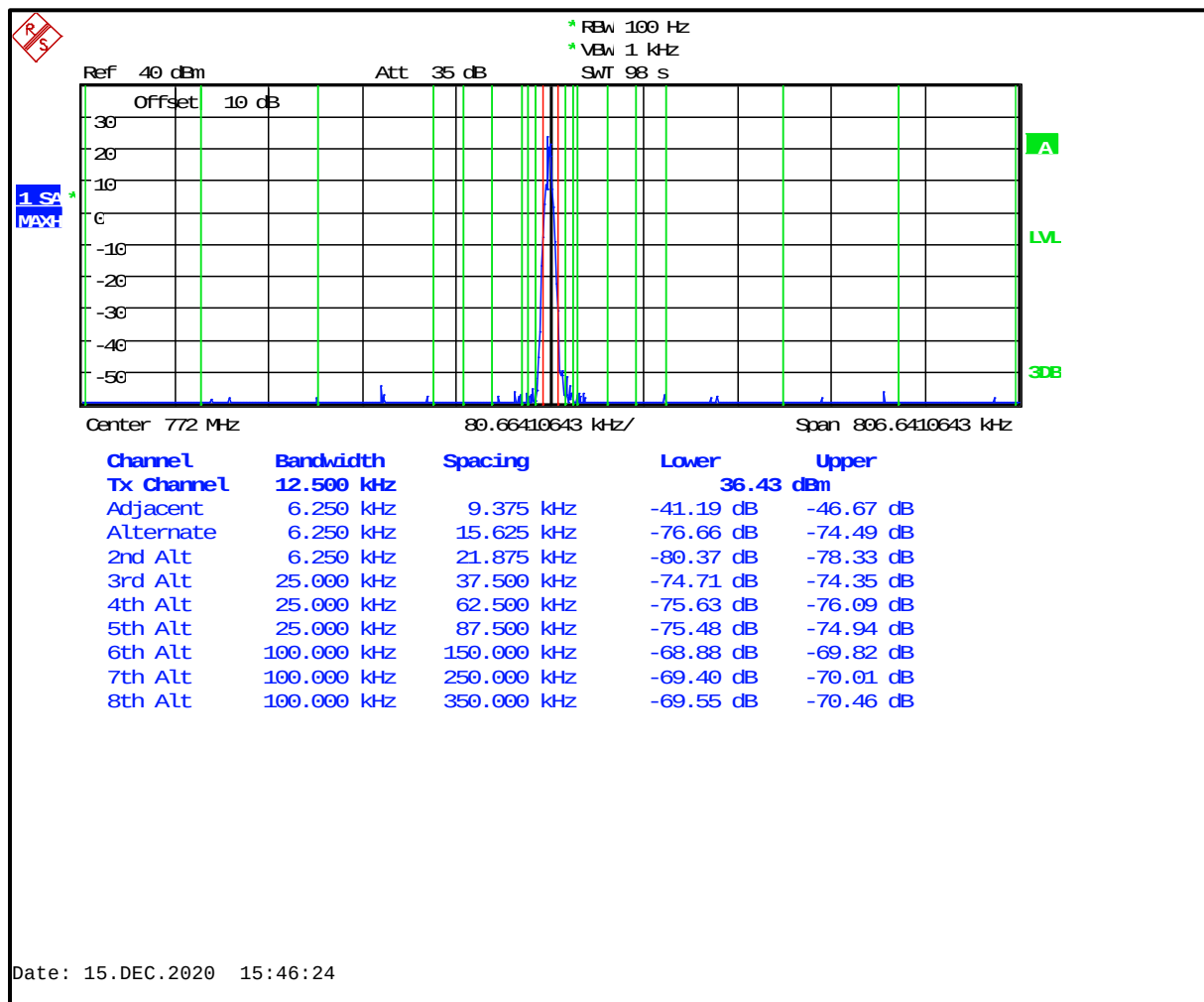


Table 6-33: Adjacent Channel Power - 772.0000 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.2
12 MHz to receive band	30(s)	-75	-101.0
In receive band	30(s)	-100	-112.9

Plot 6-34: Adjacent Channel Power - 774.9875 MHz; C4FM Mode (9.375 kHz - 350 kHz) FCC

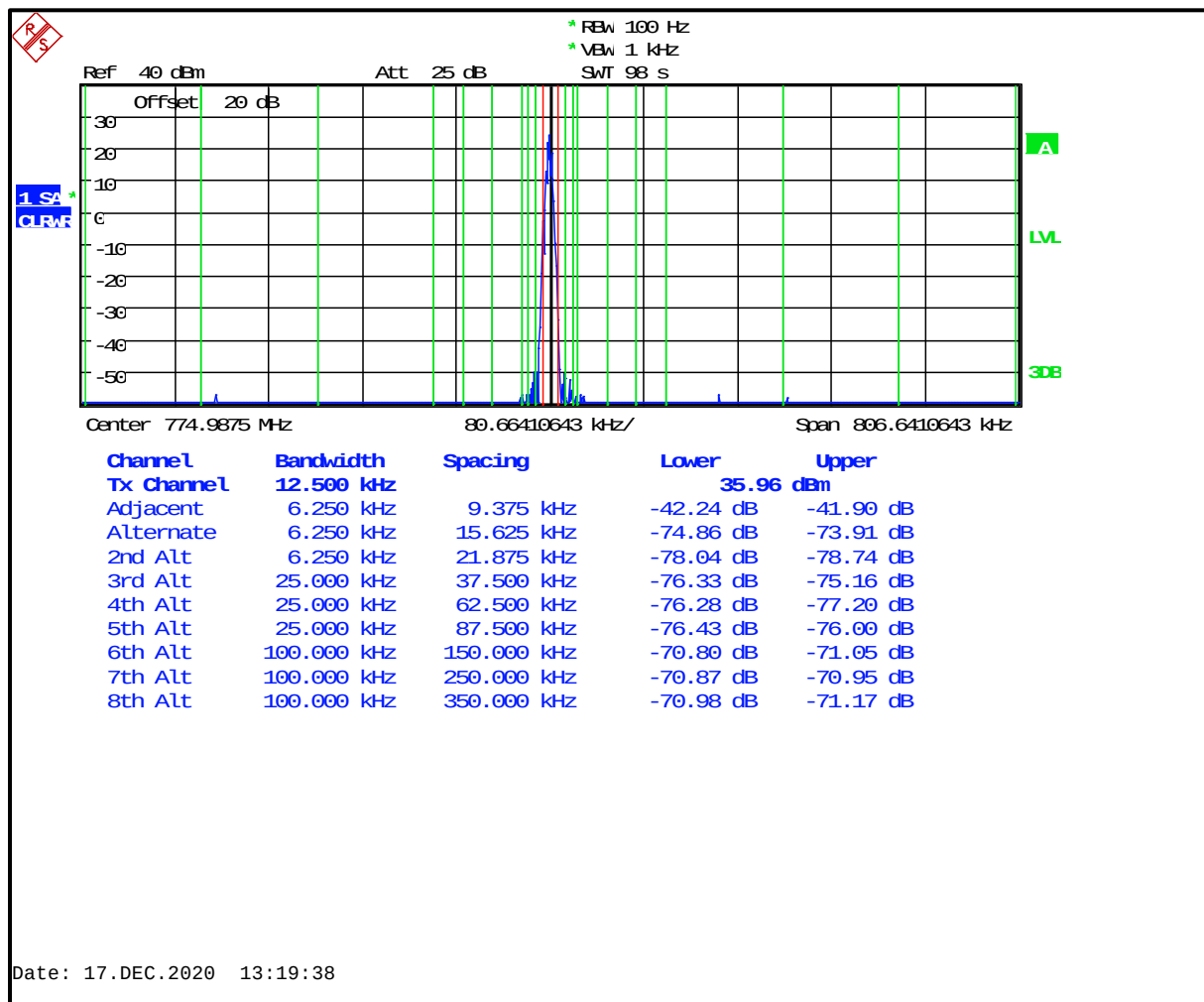


Table 6-34: Adjacent Channel Power - 774.9875 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.0
12 MHz to receive band	30(s)	-75	-106.6
In receive band	30(s)	-100	-112.8

Plot 6-35: Adjacent Channel Power - 775.9875 MHz; C4FM Mode (9.375 kHz - 350 kHz) ISED

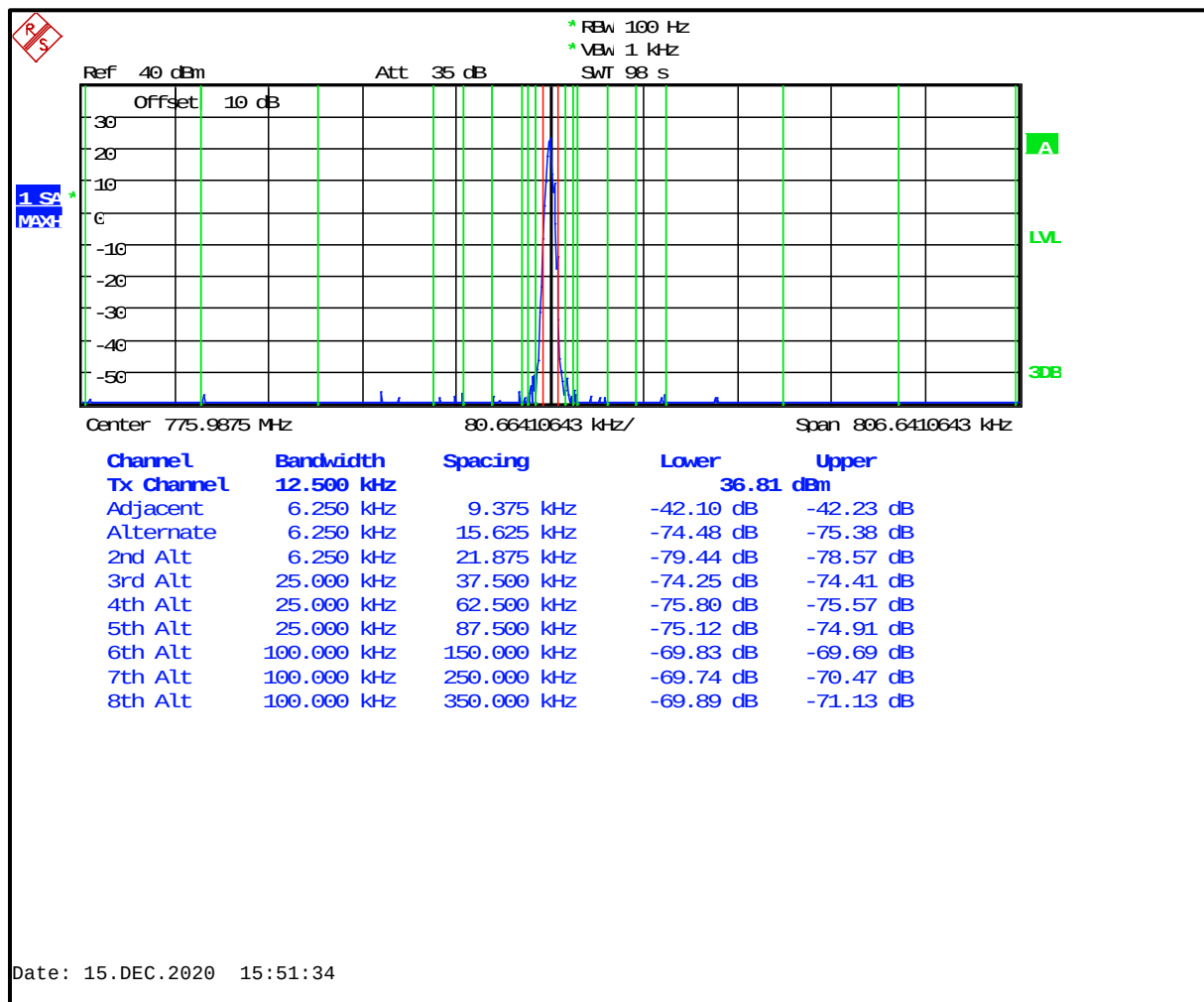


Table 6-35: Adjacent Channel Power - 775.9875 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.3
12 MHz to receive band	30(s)	-75	-109.5
In receive band	30(s)	-100	-112.7

Plot 6-36: Adjacent Channel Power – 798.0125 MHz; C4FM Mode (9.375 kHz - 350 kHz) ISED

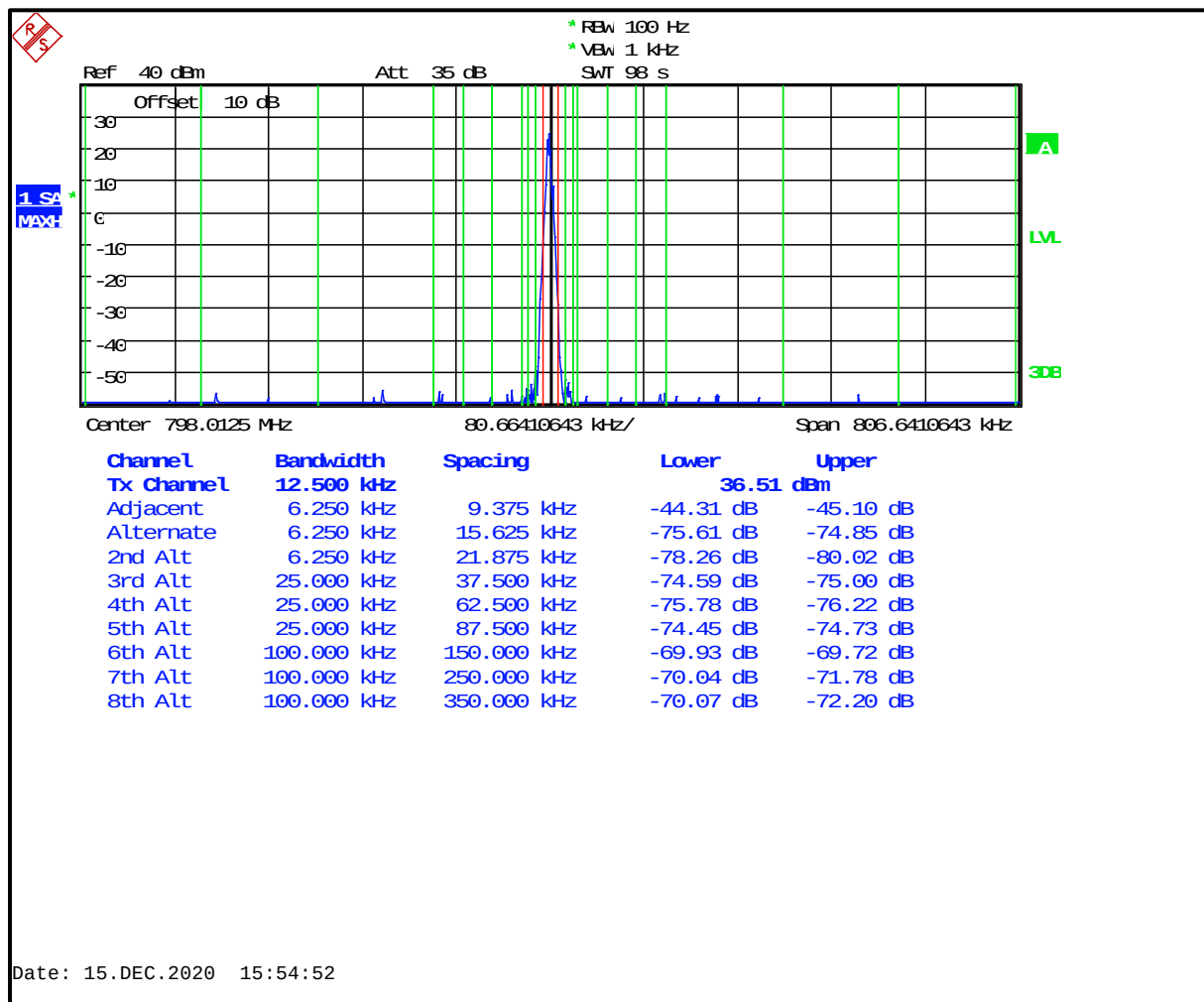


Table 6-36: Adjacent Channel Power – 798.0125 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.3
12 MHz to receive band	30(s)	-75	-105.2
In receive band	30(s)	-100	-102.8

Plot 6-37: Adjacent Channel Power – 799.0125 MHz; C4FM Mode (9.375 kHz - 350 kHz) FCC

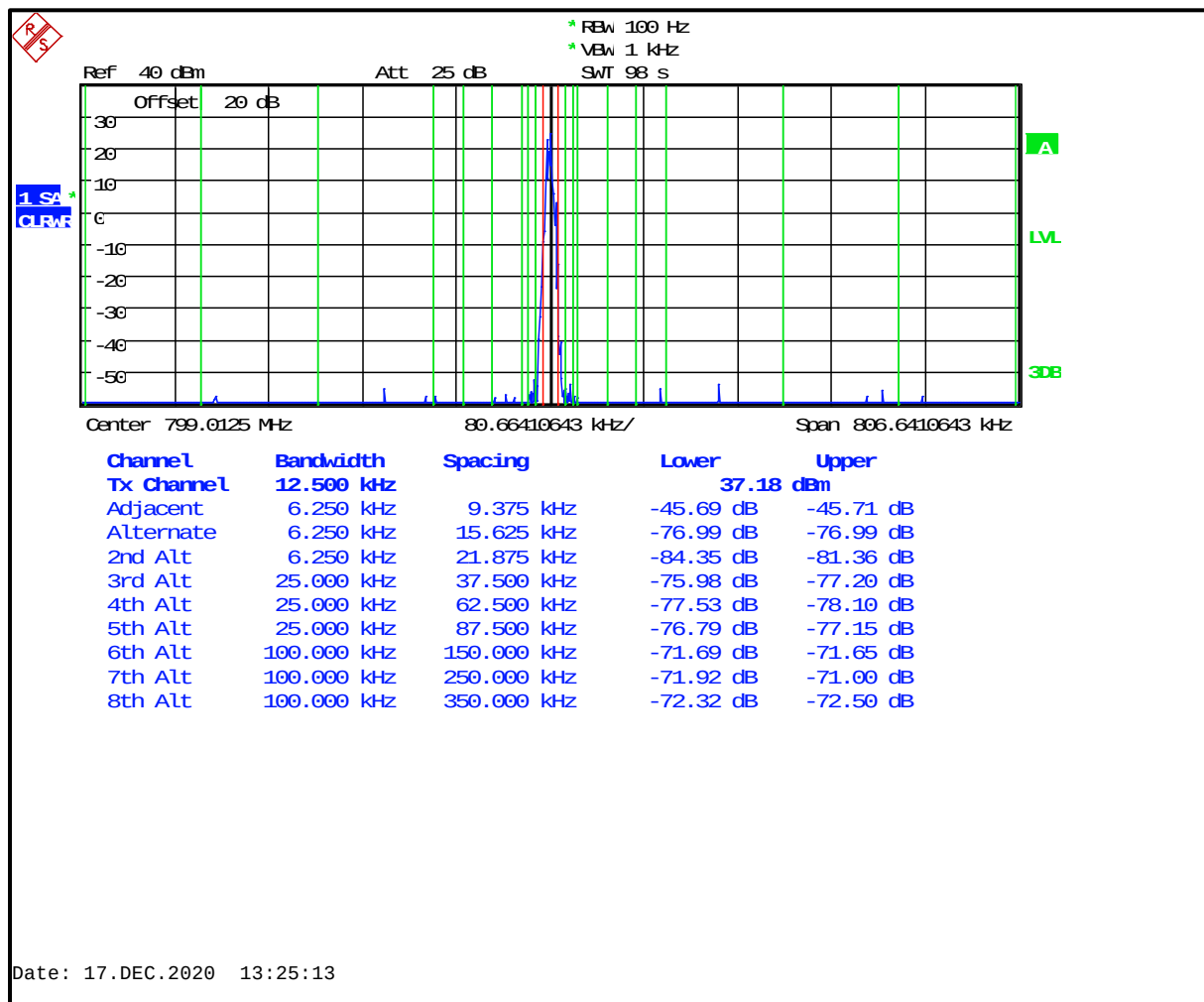


Table 6-37: Adjacent Channel Power – 799.0125 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.7
12 MHz to receive band	30(s)	-75	-99.9
In receive band	30(s)	-100	-100.5

Plot 6-38: Adjacent Channel Power – 802.0000 MHz; C4FM Mode (9.375 kHz - 350 kHz)

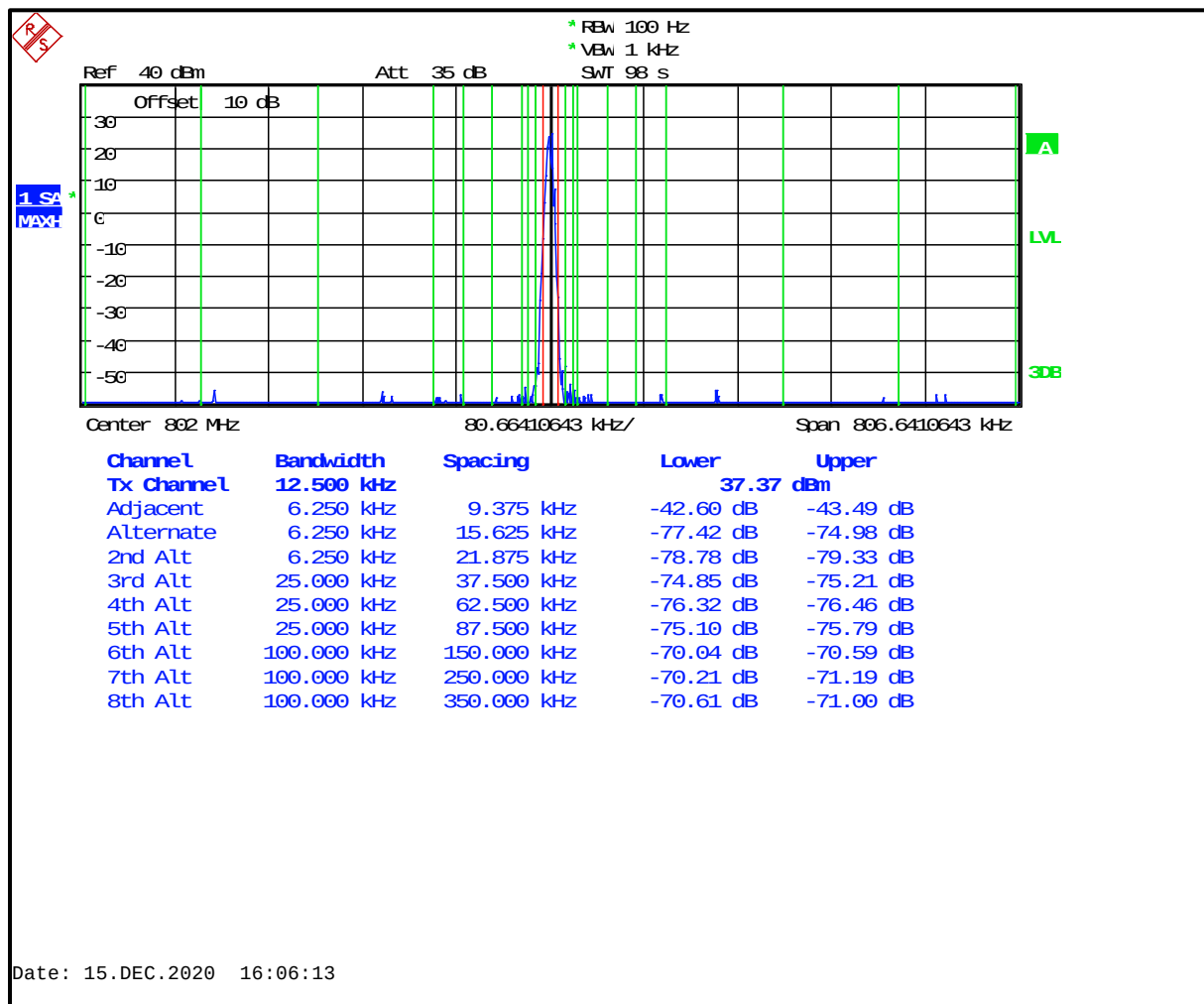


Table 6-38: Adjacent Channel Power – 802.0000 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.3
12 MHz to receive band	30(s)	-75	-98.6
In receive band	30(s)	-100	-103.7

Plot 6-39: Adjacent Channel Power – 804.9875 MHz; C4FM Mode (9.375 kHz - 350 kHz) FCC

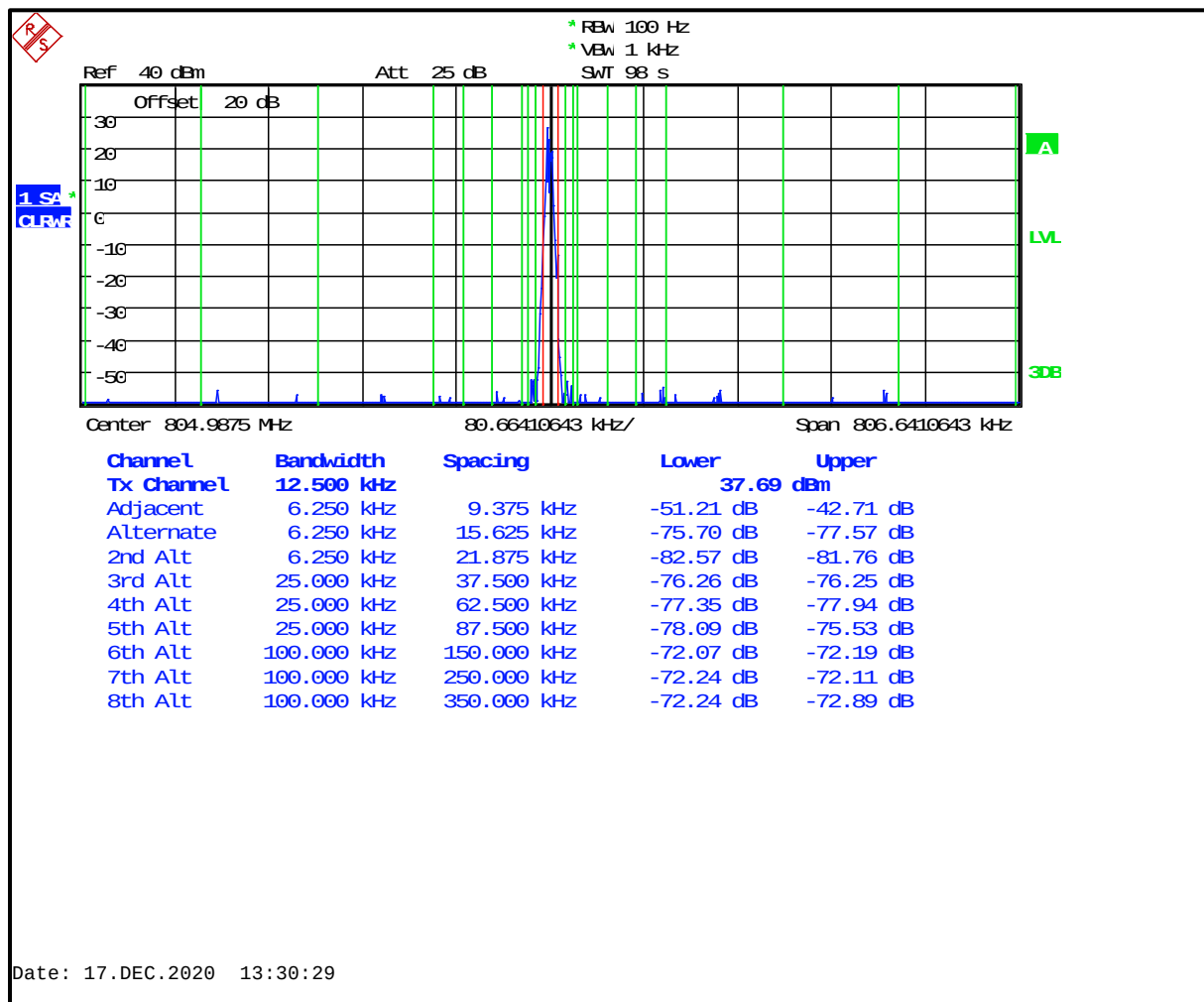


Table 6-39: Adjacent Channel Power – 804.9875 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.6
12 MHz to receive band	30(s)	-75	-96.6
In receive band	30(s)	-100	-104.7

Plot 6-40: Adjacent Channel Power – 805.9875 MHz; C4FM Mode (9.375 kHz - 350 kHz) ISED

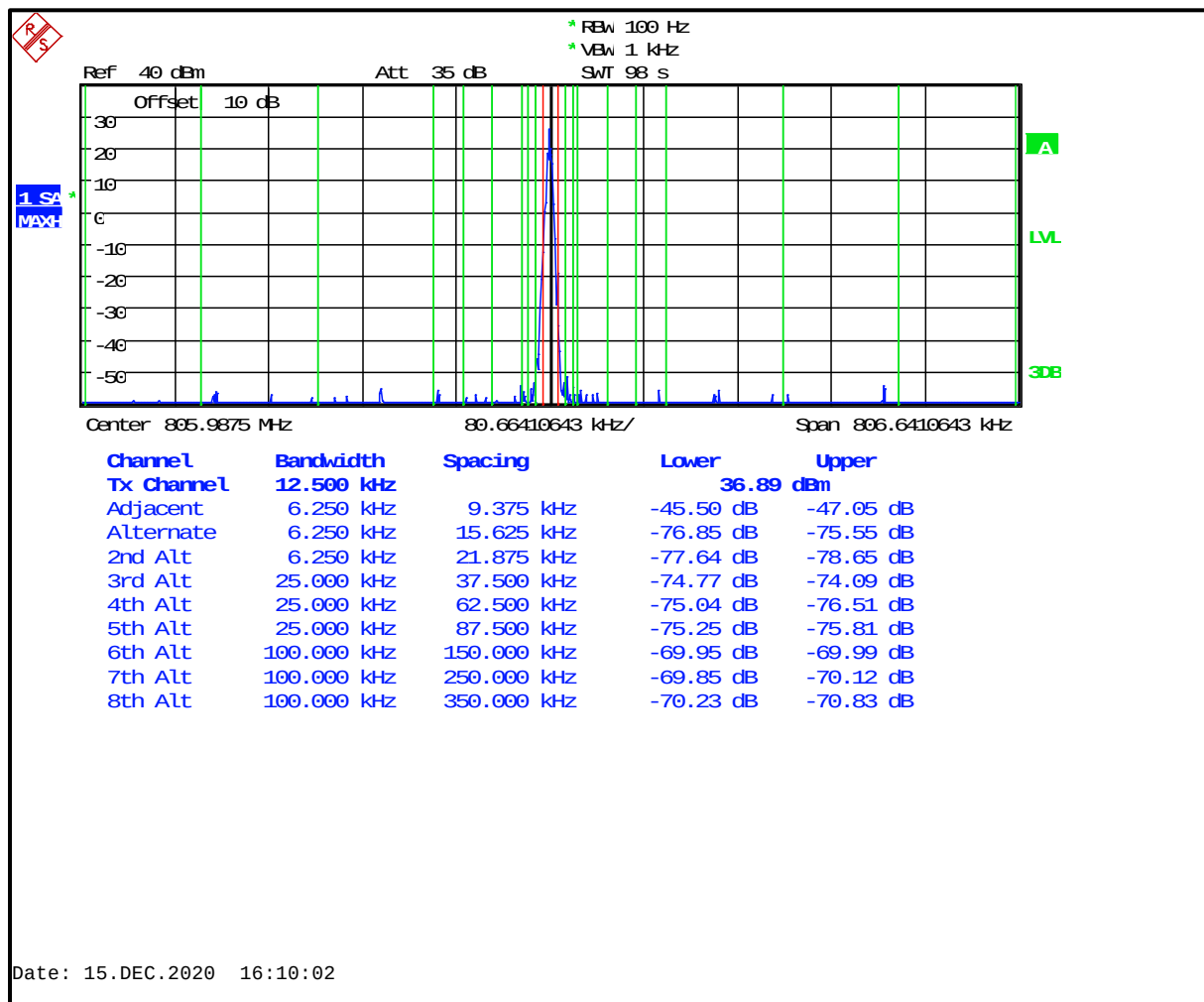


Table 6-40: Adjacent Channel Power – 805.9875 MHz; C4FM Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.5
12 MHz to receive band	30(s)	-75	-96.8
In receive band	30(s)	-100	-105.9

Plot 6-41: Adjacent Channel Power - 768.0125 MHz; H-CPM (TDMA) Mode (9.375 kHz - 350 kHz) ISED

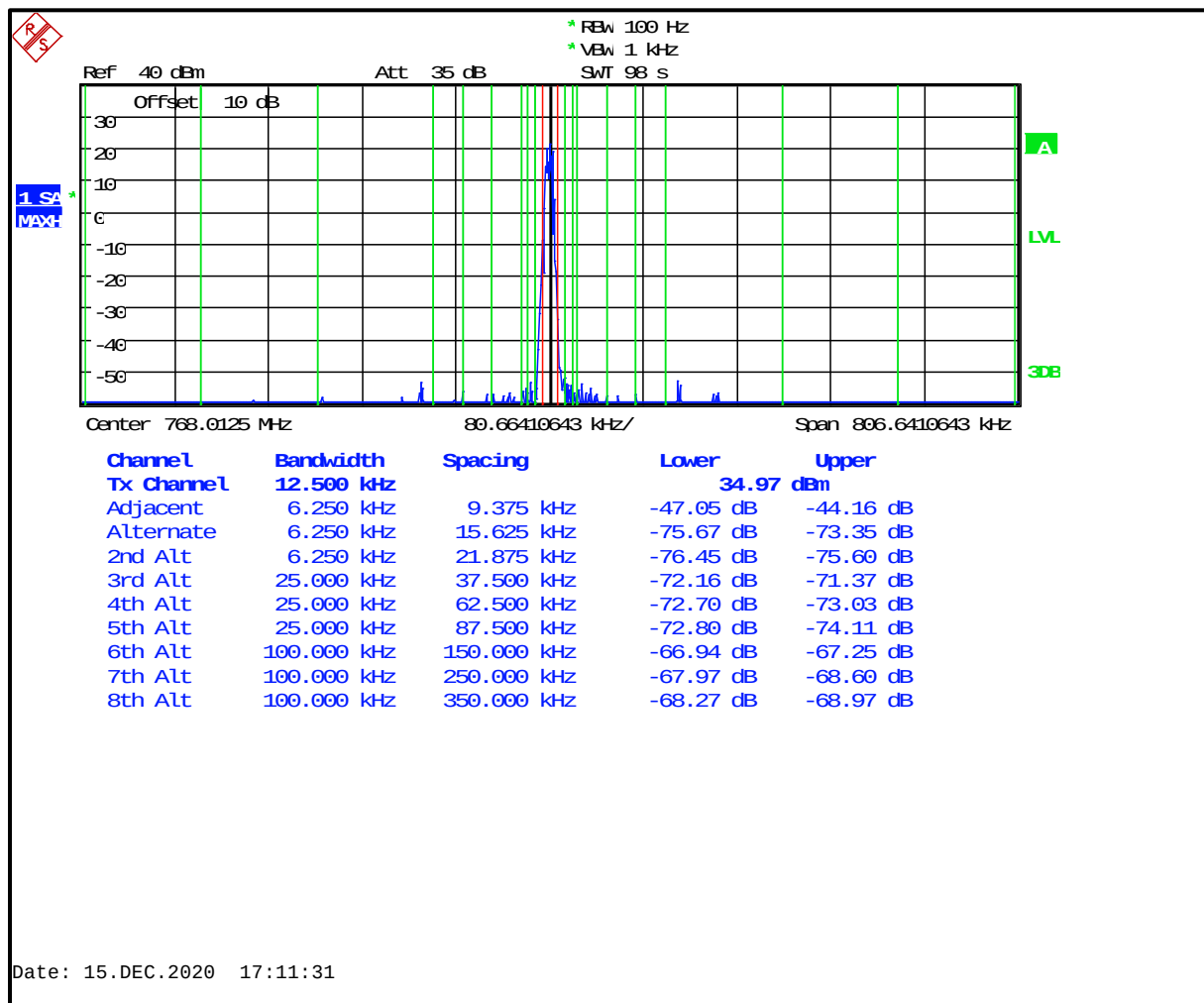


Table 6-41: Adjacent Channel Power - 768.0125 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.1
12 MHz to receive band	30(s)	-75	-97.0
In receive band	30(s)	-100	-113.8

Plot 6-42: Adjacent Channel Power - 769.0125 MHz; H-CPM (TDMA) Mode (9.375 kHz - 350 kHz) FCC

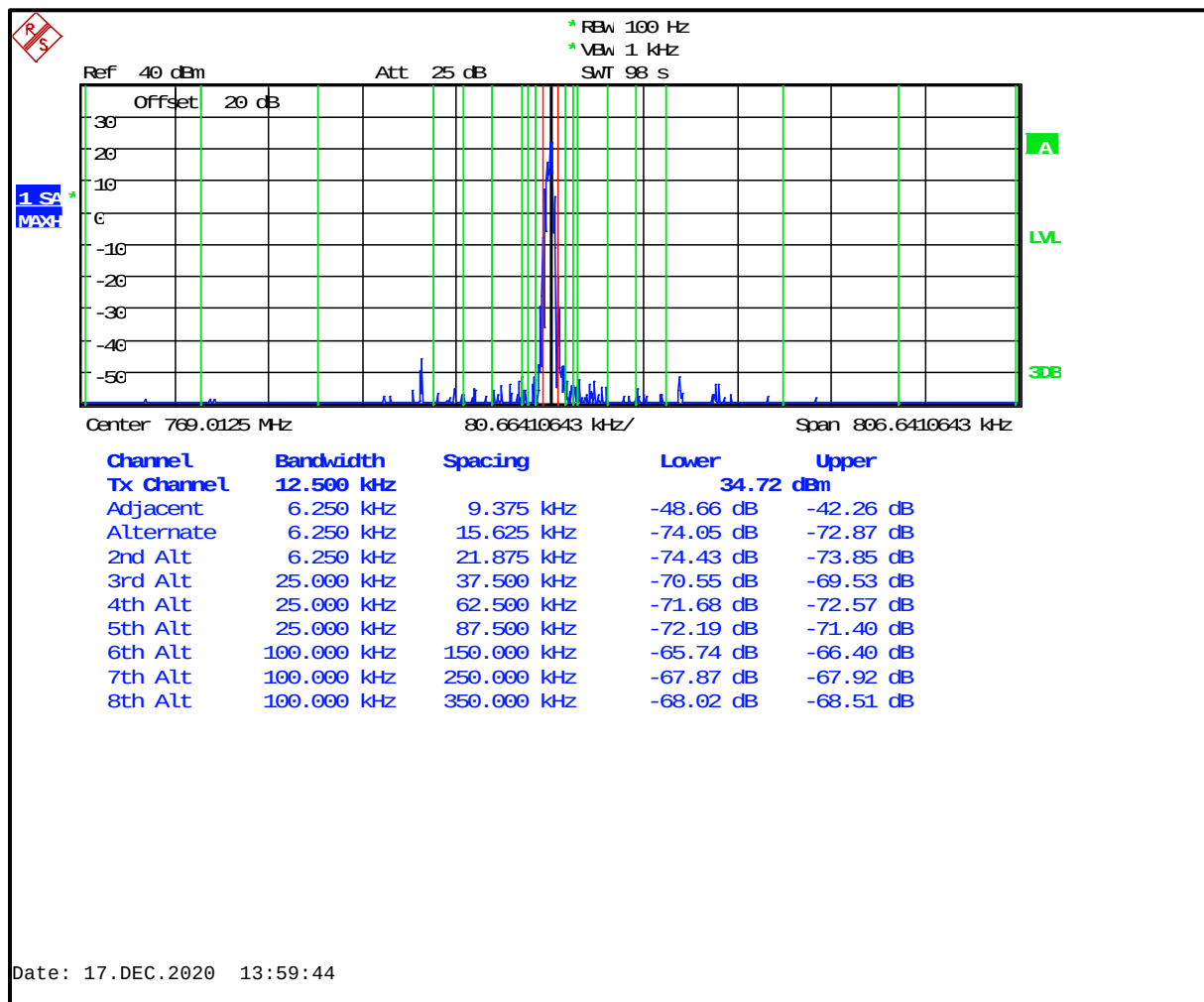


Table 6-42: Adjacent Channel Power - 769.0125 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.4
12 MHz to receive band	30(s)	-75	-100.6
In receive band	30(s)	-100	-113.0

Plot 6-43: Adjacent Channel Power - 772.0000 MHz; H-CPM (TDMA) Mode (9.375 kHz - 350 kHz)

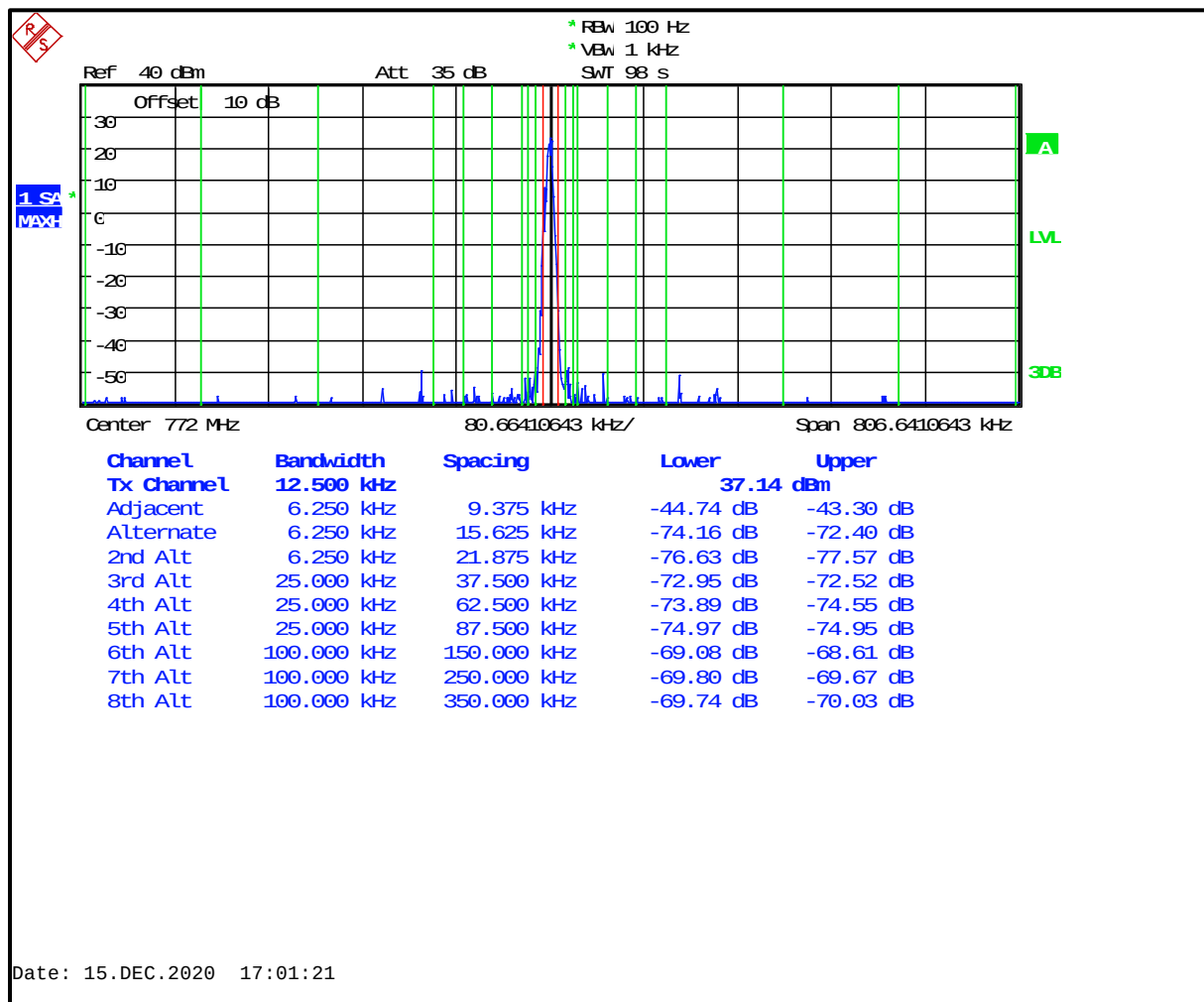


Table 6-43: Adjacent Channel Power - 772.0000 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.8
12 MHz to receive band	30(s)	-75	-101.4
In receive band	30(s)	-100	-113.0

Plot 6-44: Adjacent Channel Power - 774.9875 MHz; H-CPM (TDMA) Mode (9.375 kHz - 350 kHz) FCC

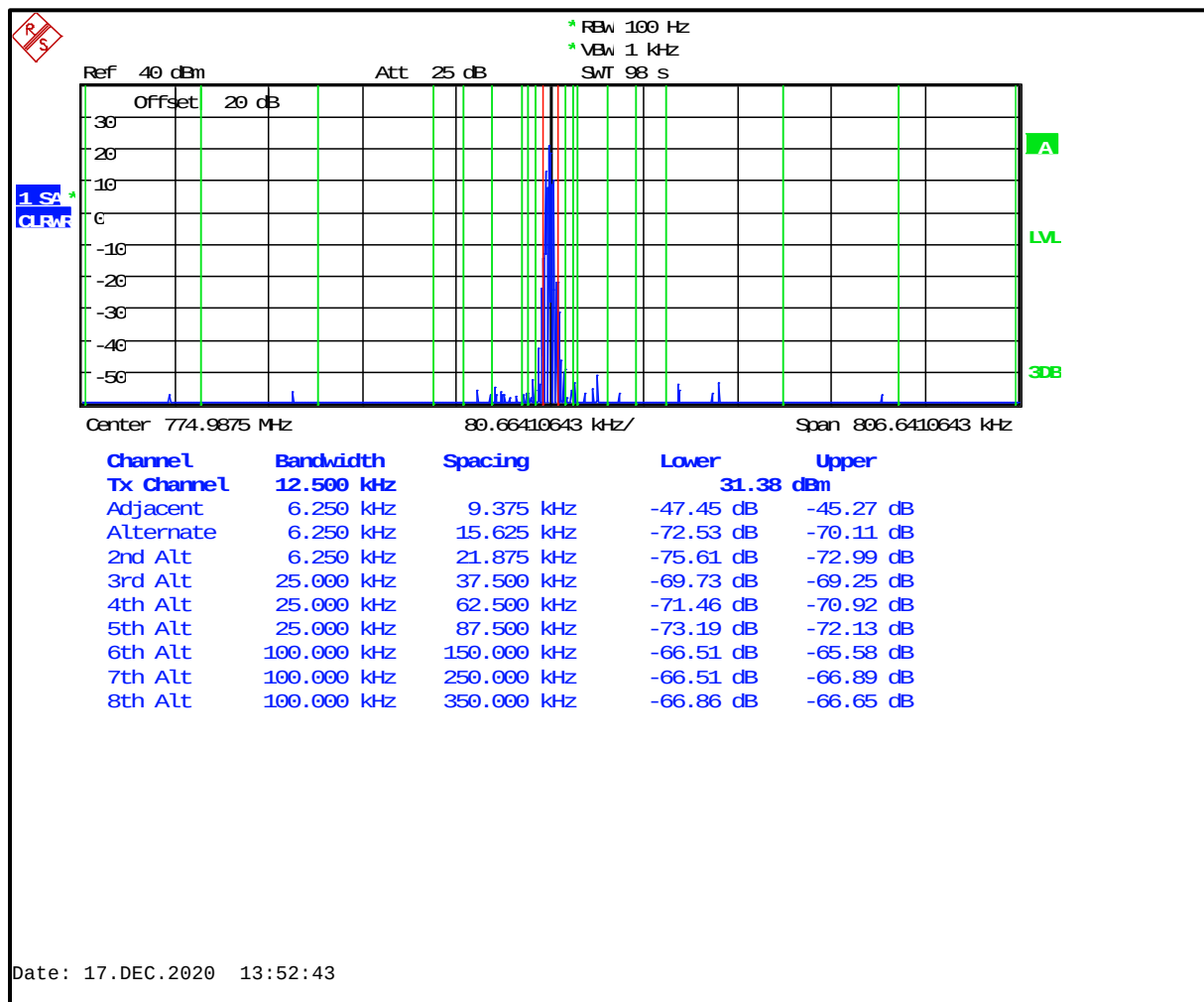


Table 6-44: Adjacent Channel Power - 774.9875 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.8
12 MHz to receive band	30(s)	-75	-107.5
In receive band	30(s)	-100	-113.0

Plot 6-45: Adjacent Channel Power - 775.9875 MHz; H-CPM (TDMA) Mode (9.375 kHz - 350 kHz) ISED

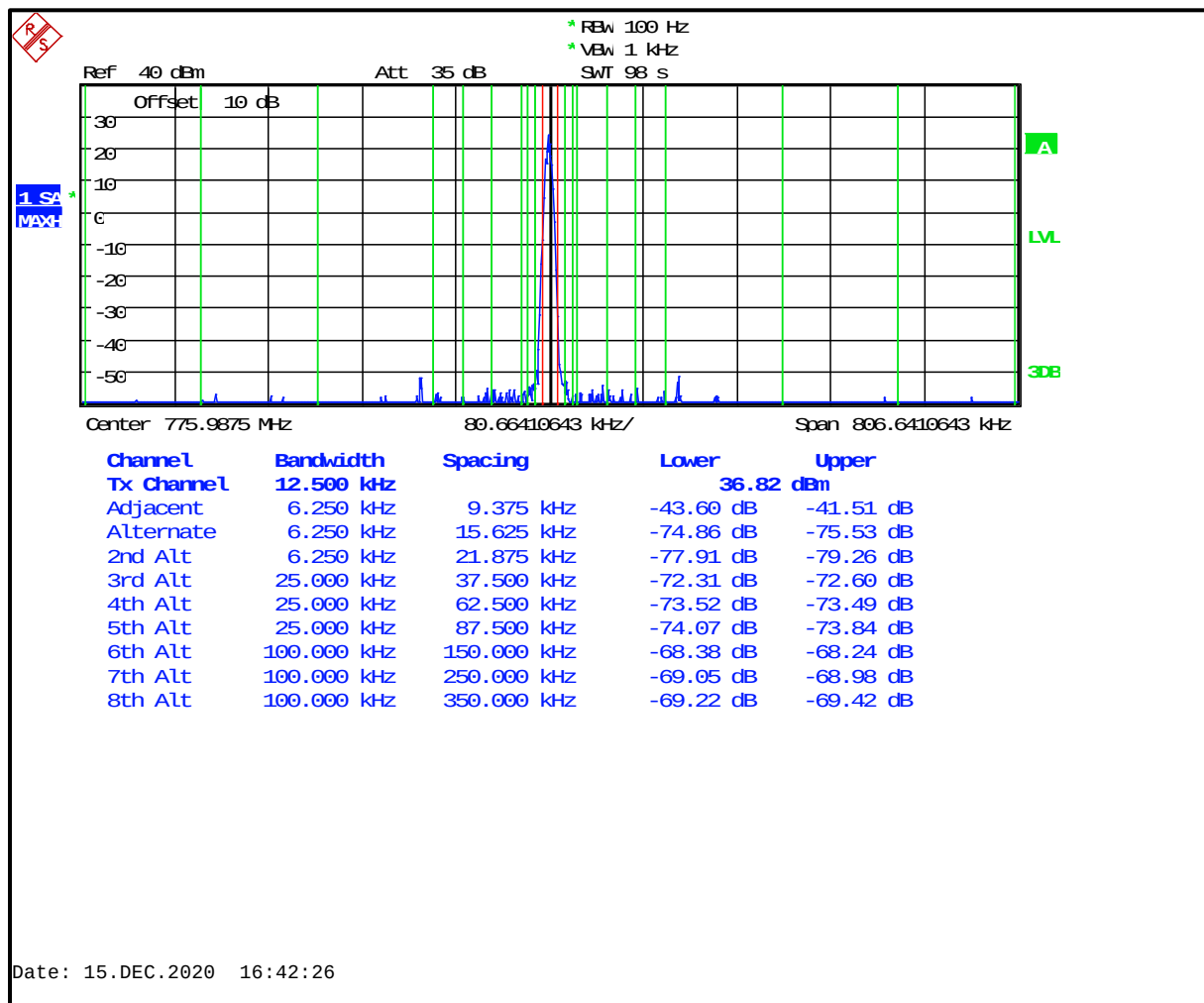


Table 6-45: Adjacent Channel Power - 775.9875 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.8
12 MHz to receive band	30(s)	-75	-109.3
In receive band	30(s)	-100	-112.8

Plot 6-46: Adjacent Channel Power – 798.0125 MHz; H-CPM (TDMA) Mode; (9.375 kHz - 350 kHz) ISED

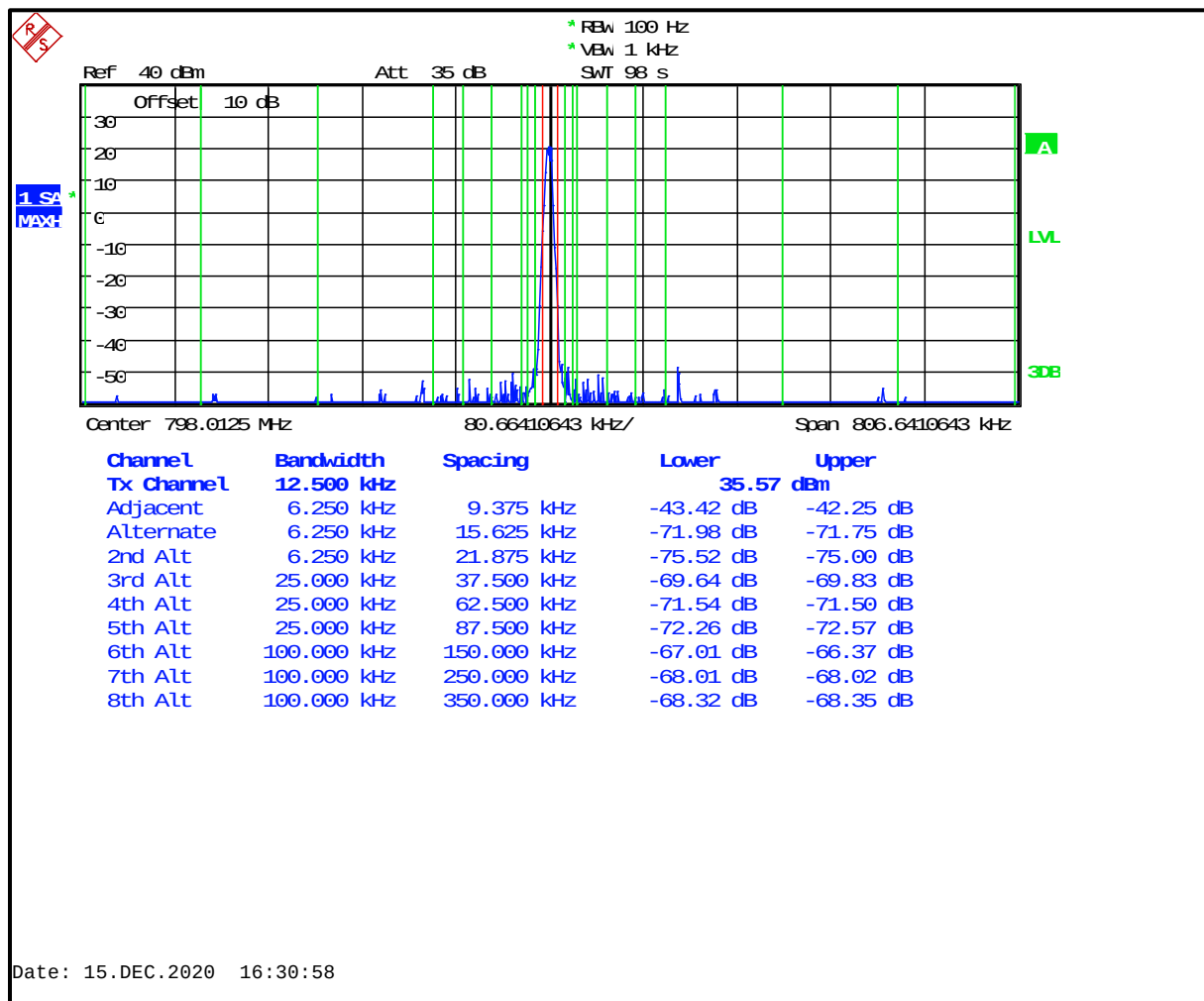


Table 6-46: Adjacent Channel Power – 798.0125 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.8
12 MHz to receive band	30(s)	-75	-105.8
In receive band	30(s)	-100	-102.5

Plot 6-47: Adjacent Channel Power – 799.0125 MHz; H-CPM (TDMA) Mode; (9.375 kHz - 350 kHz) FCC

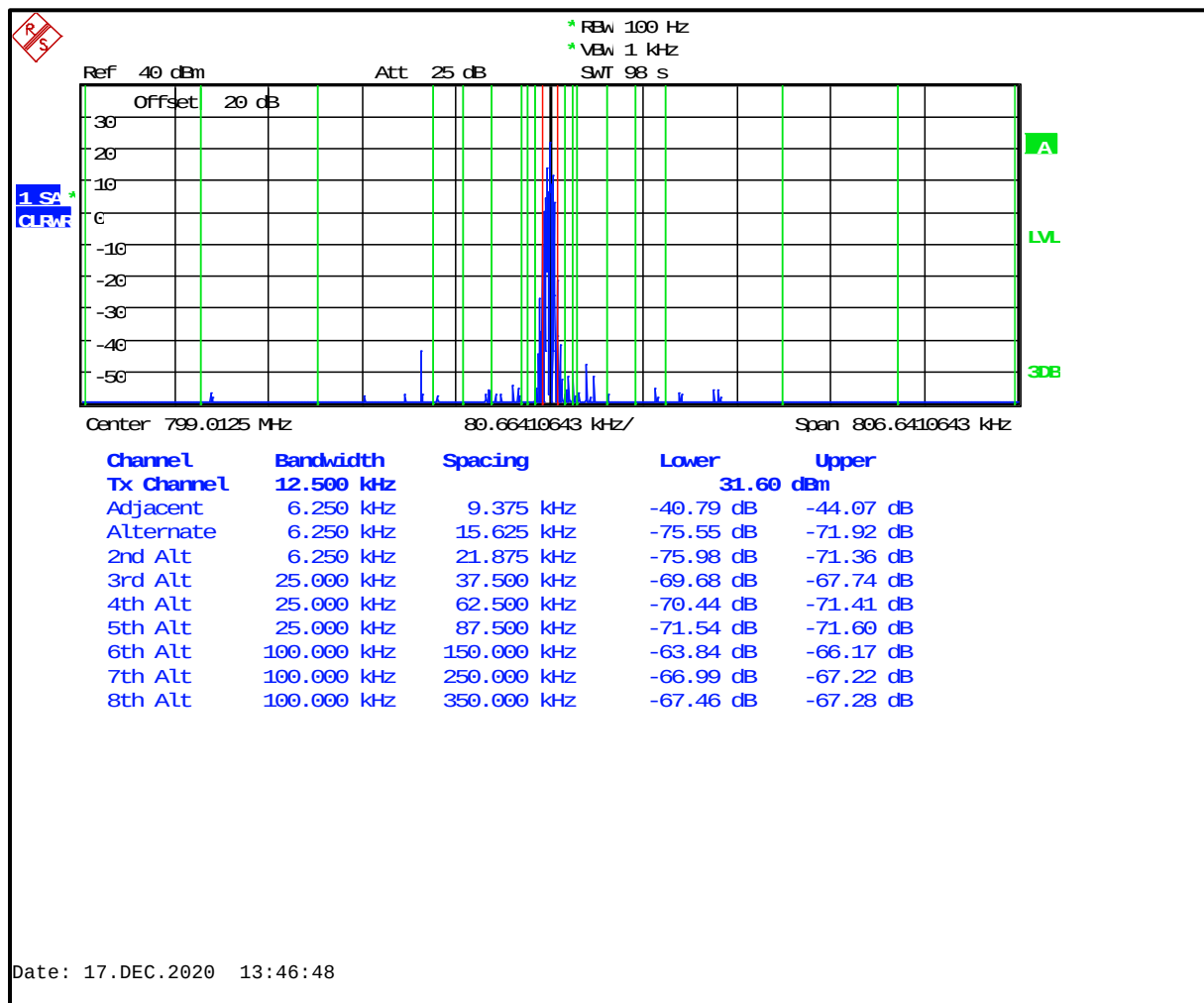


Table 6-47: Adjacent Channel Power – 799.0125 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.0
12 MHz to receive band	30(s)	-75	-100.3
In receive band	30(s)	-100	-100.6

Plot 6-48: Adjacent Channel Power – 802.0000 MHz; H-CPM (TDMA) Mode; (9.375 kHz - 350 kHz)

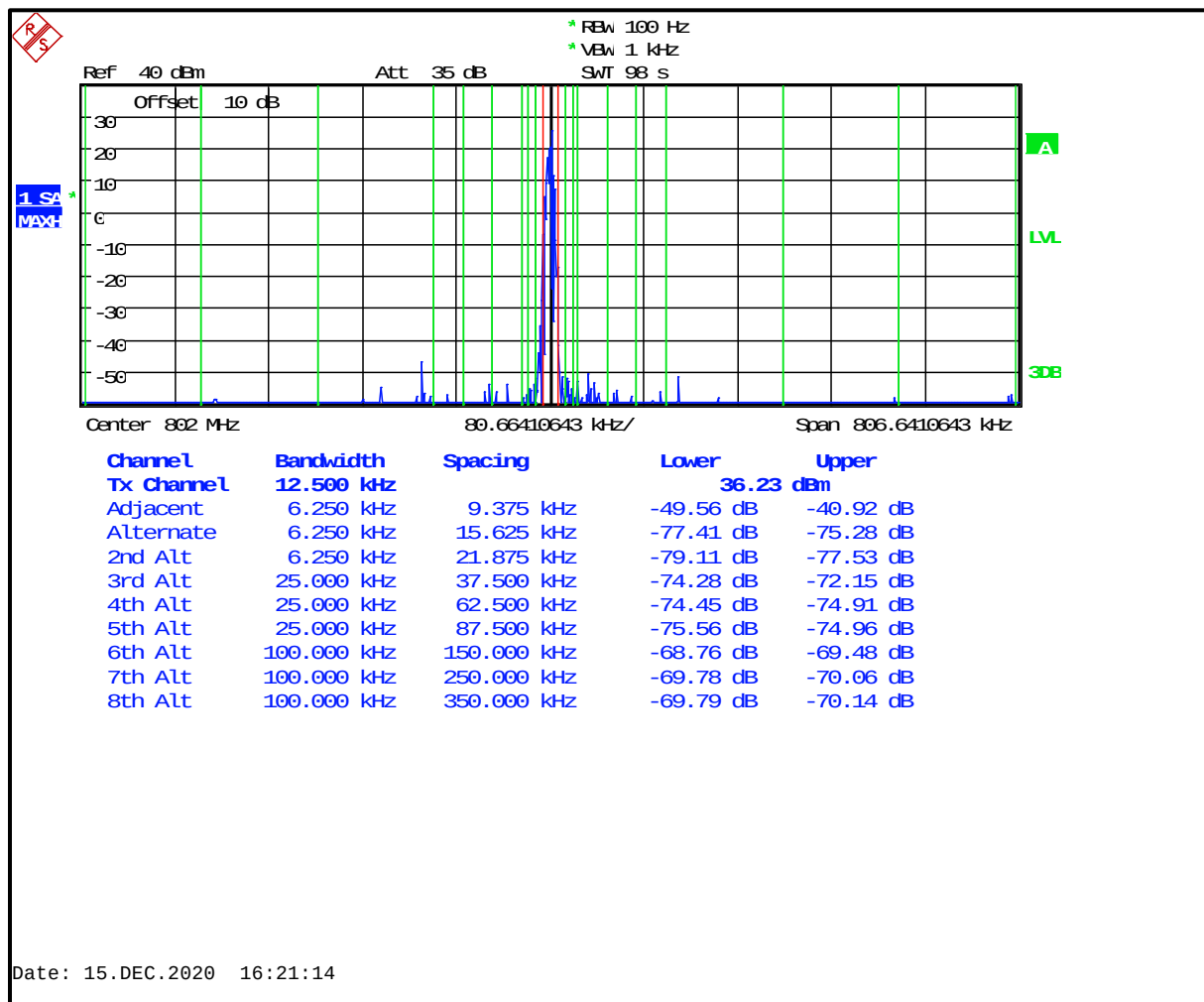


Table 6-48: Adjacent Channel Power – 802.0000 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.3
12 MHz to receive band	30(s)	-75	-98.5
In receive band	30(s)	-100	-103.8

Plot 6-49: Adjacent Channel Power – 804.9875 MHz; H-CPM (TDMA) Mode; (9.375 kHz - 350 kHz) FCC

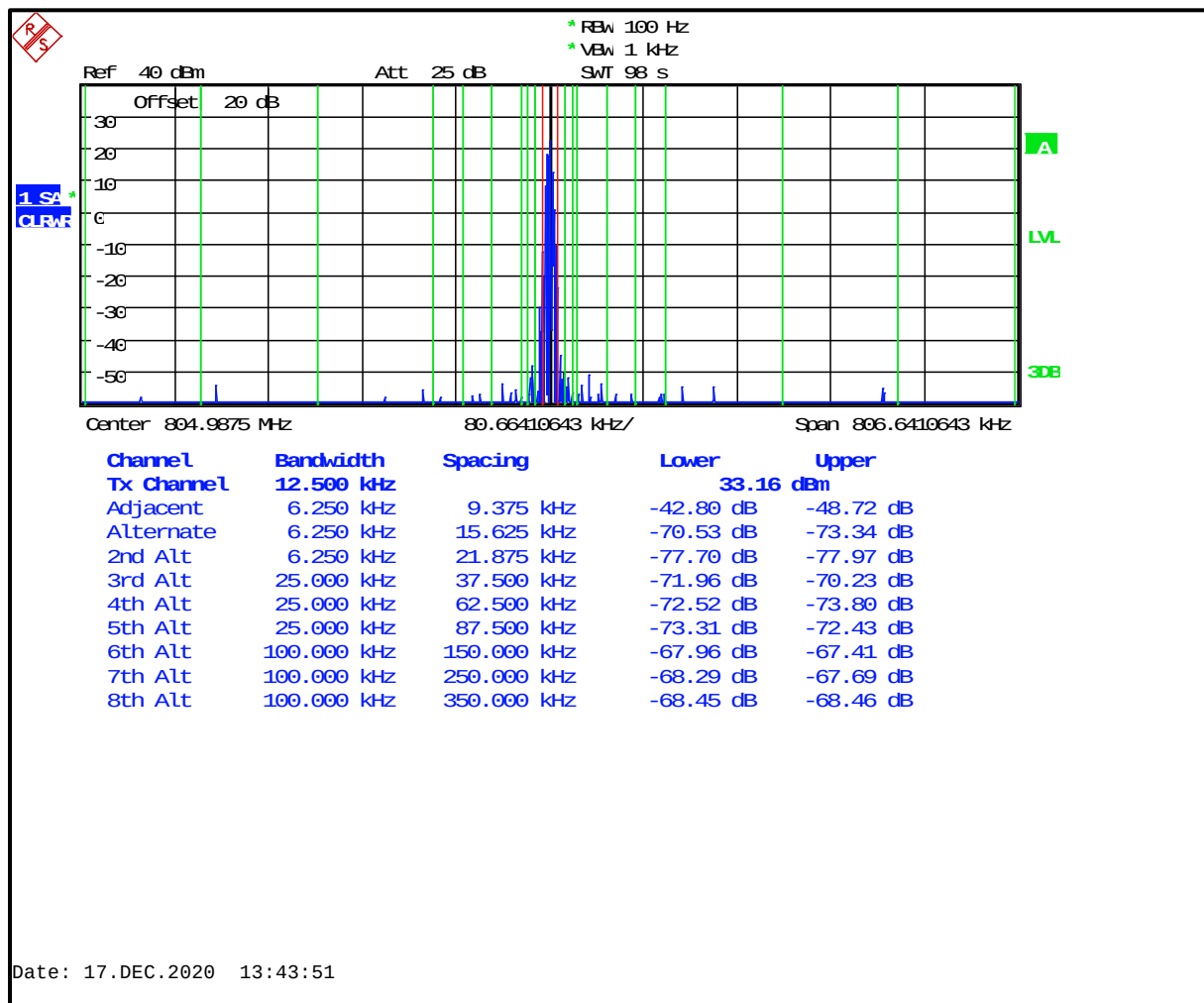


Table 6-49: Adjacent Channel Power – 804.9875 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-84.2
12 MHz to receive band	30(s)	-75	-96.6
In receive band	30(s)	-100	-104.8

Plot 6-50: Adjacent Channel Power – 805.9875 MHz; H-CPM (TDMA) Mode; (9.375 kHz - 350 kHz) ISED

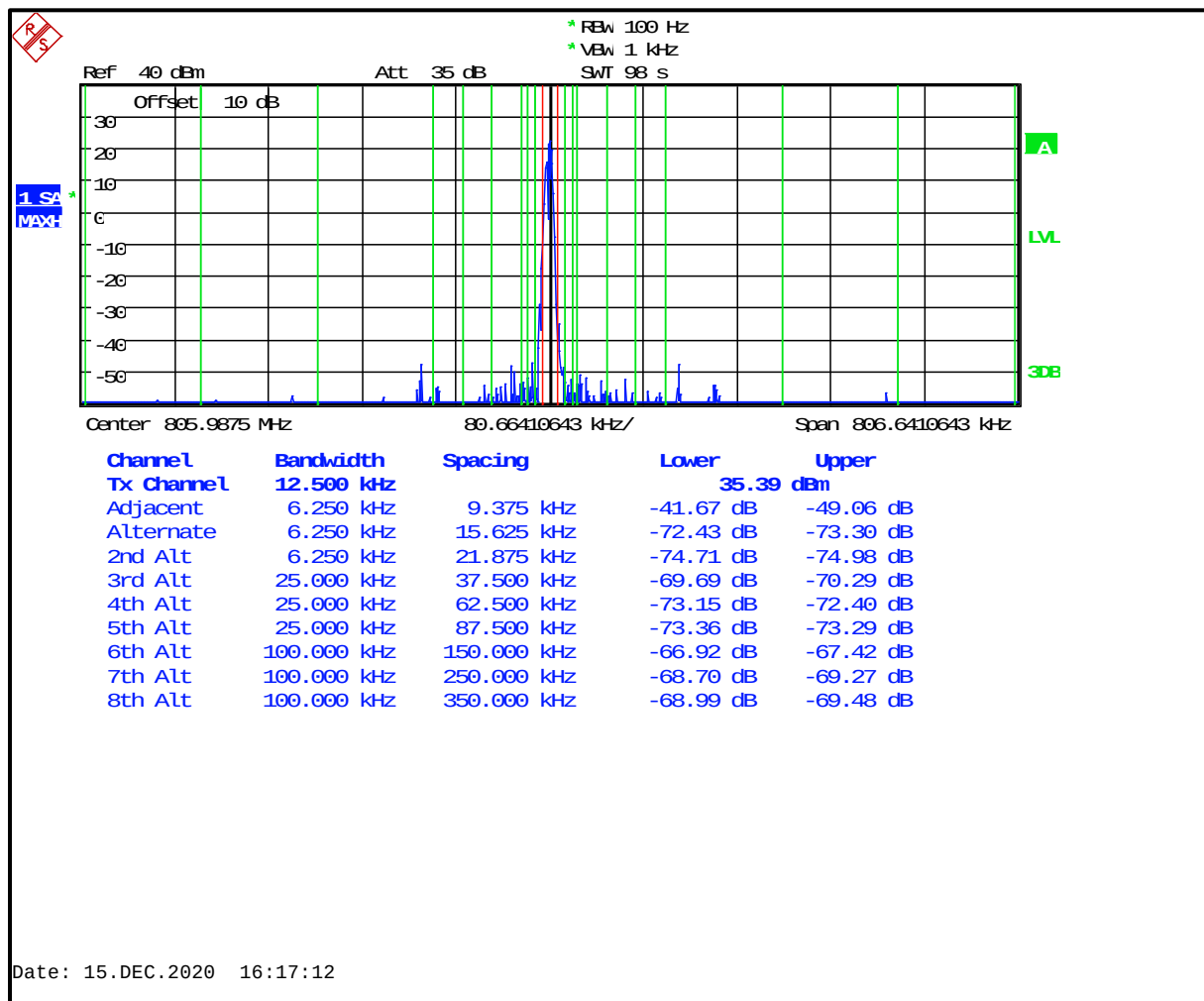


Table 6-50: Adjacent Channel Power – 805.9875 MHz; H-CPM (TDMA) Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.3
12 MHz to receive band	30(s)	-75	-96.7
In receive band	30(s)	-100	-106.0

Plot 6-51: Adjacent Channel Power - 768.0125 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) ISED

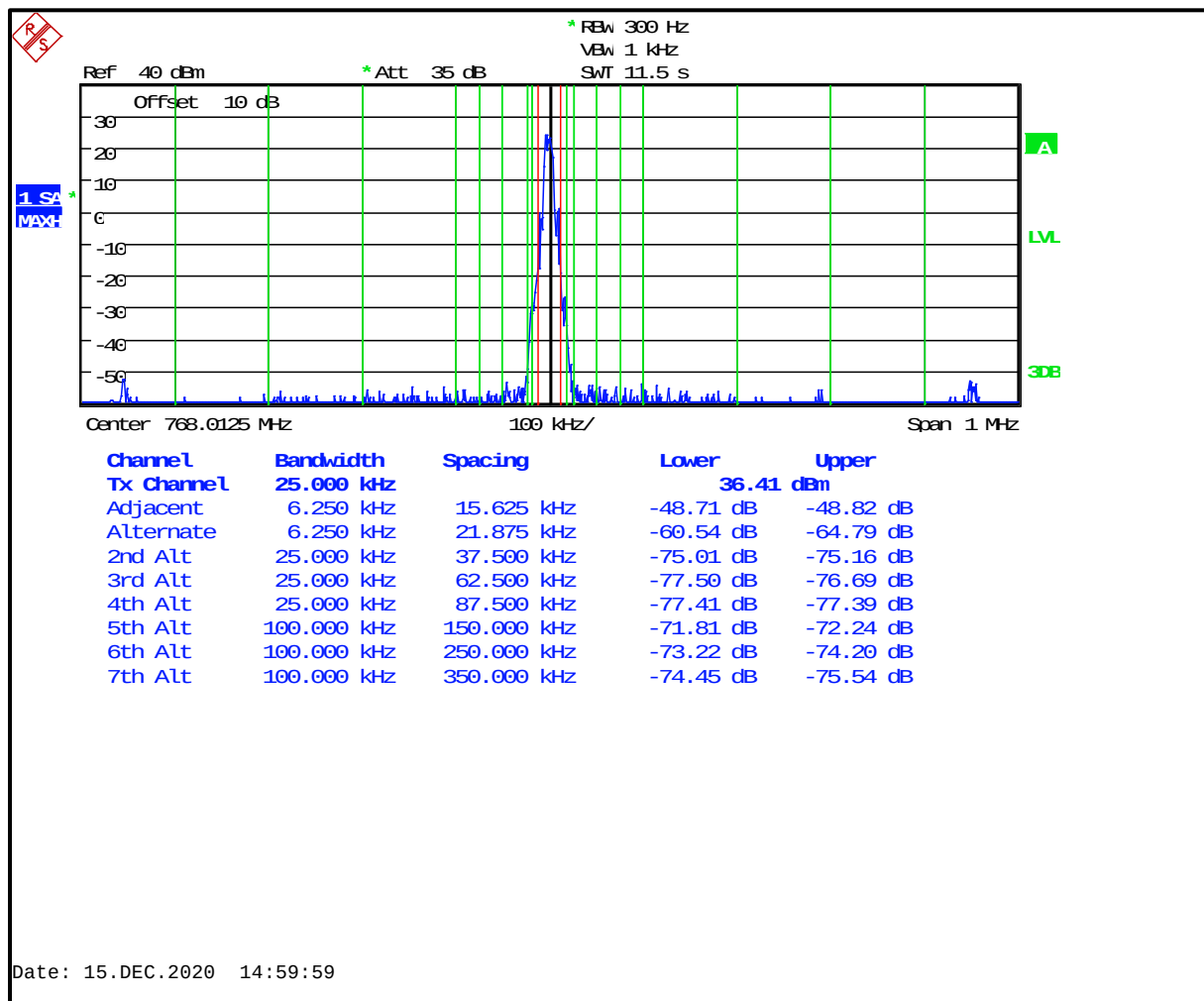


Table 6-51: Adjacent Channel Power - 768.0125 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-84.5
12 MHz to receive band	30(s)	-75	-97.0
In receive band	30(s)	-100	-111.4

Plot 6-52: Adjacent Channel Power - 769.0125 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) FCC

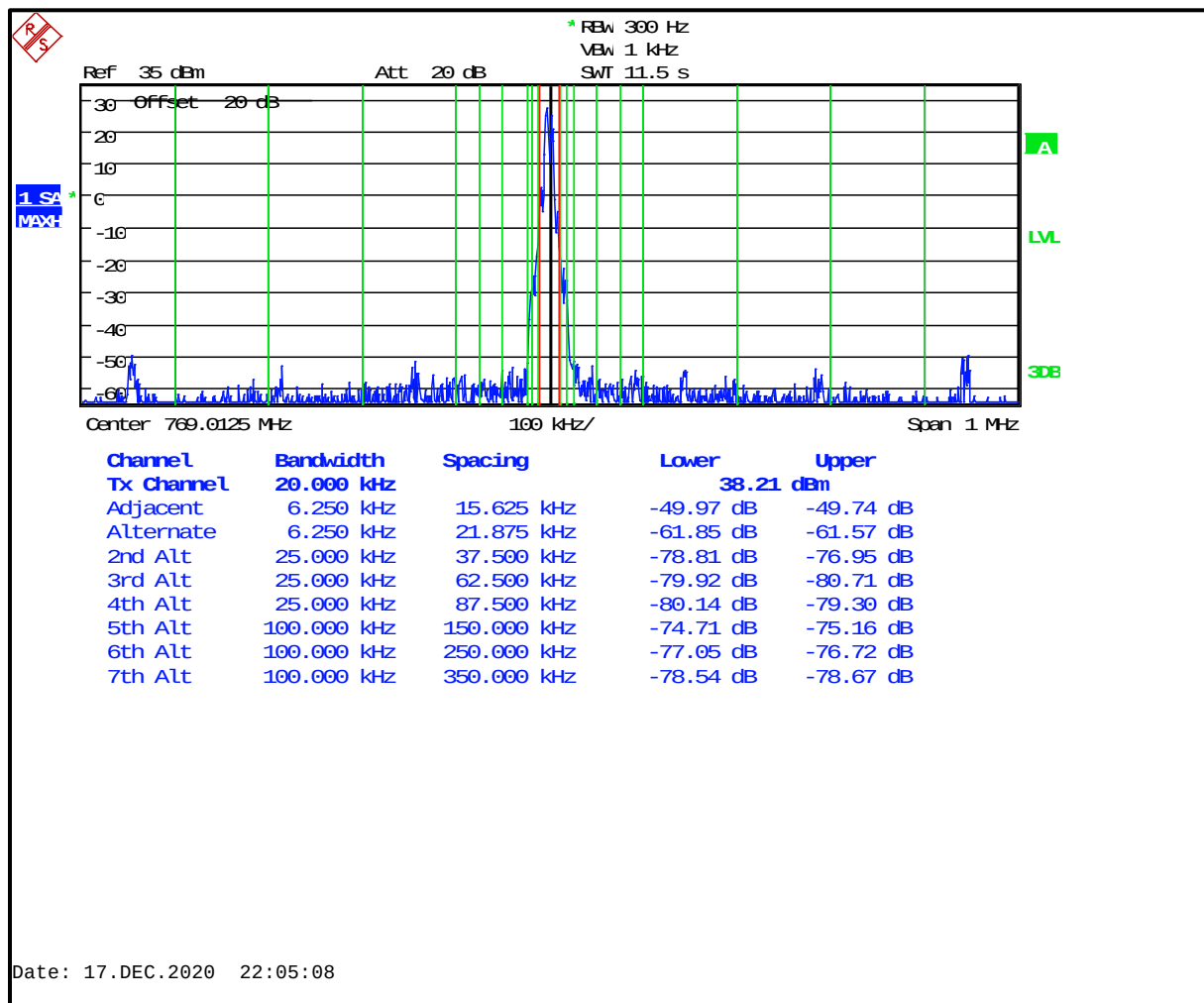


Table 6-52: Adjacent Channel Power - 769.0125 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.9
12 MHz to receive band	30(s)	-75	-100.3
In receive band	30(s)	-100	-112.7

Plot 6-53: Adjacent Channel Power - 772.0000 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz)

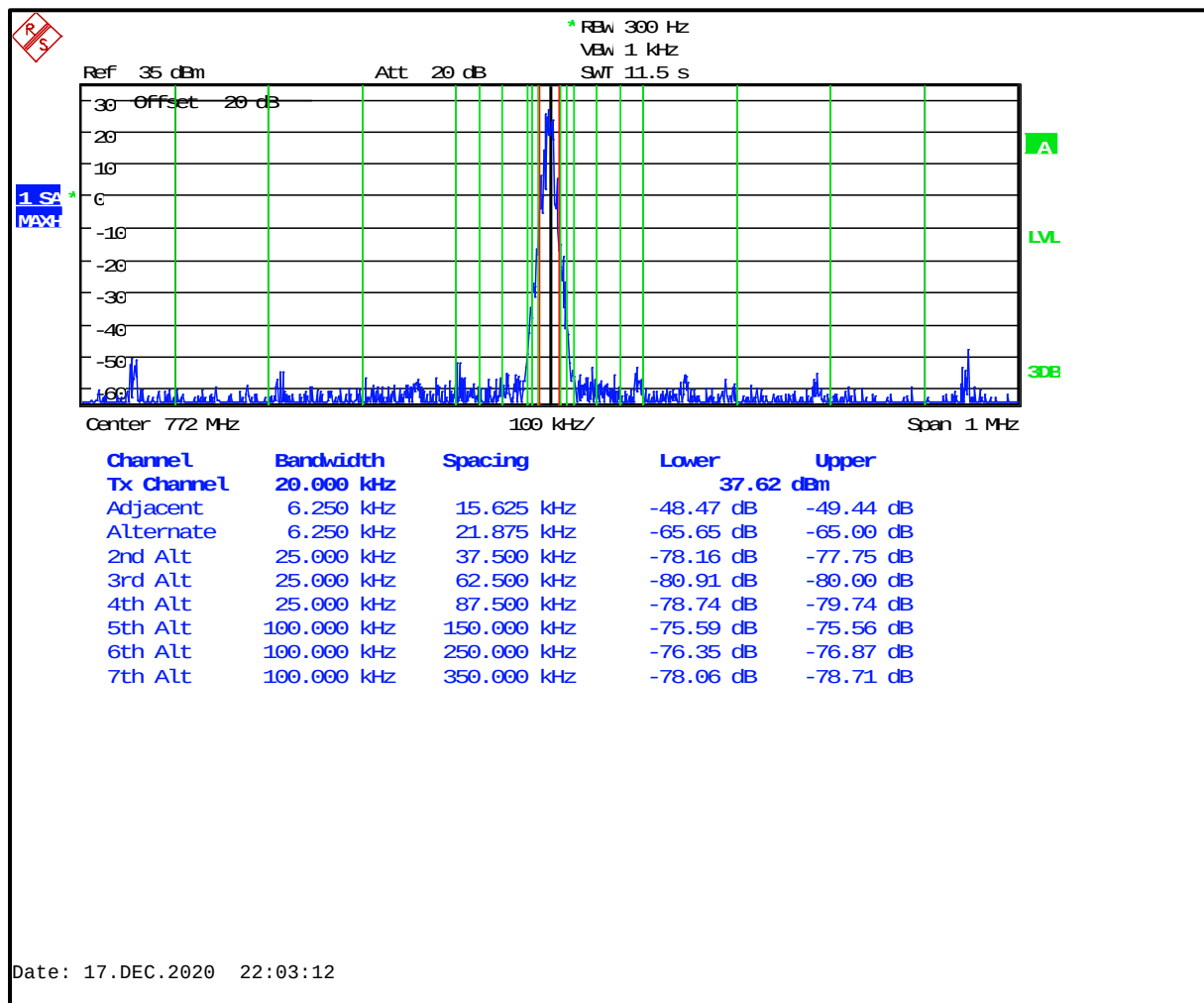


Table 6-53: Adjacent Channel Power - 772.0000 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-84.0
12 MHz to receive band	30(s)	-75	-101.3
In receive band	30(s)	-100	-113.0

Plot 6-54: Adjacent Channel Power - 774.9875 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) FCC

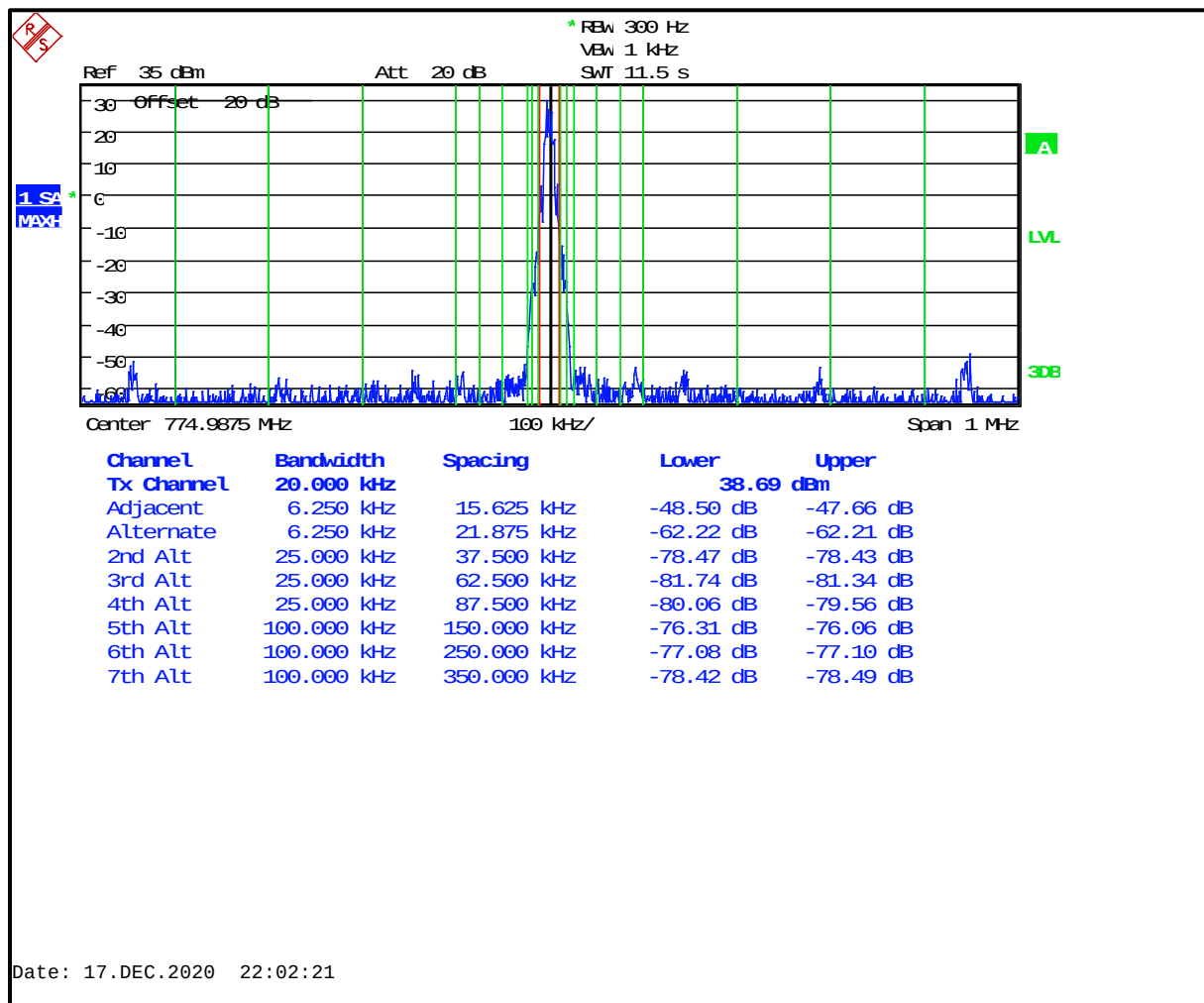


Table 6-54: Adjacent Channel Power - 774.9875 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.5
12 MHz to receive band	30(s)	-75	-107.0
In receive band	30(s)	-100	-112.8

Plot 6-55: Adjacent Channel Power - 775.9875 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) ISED

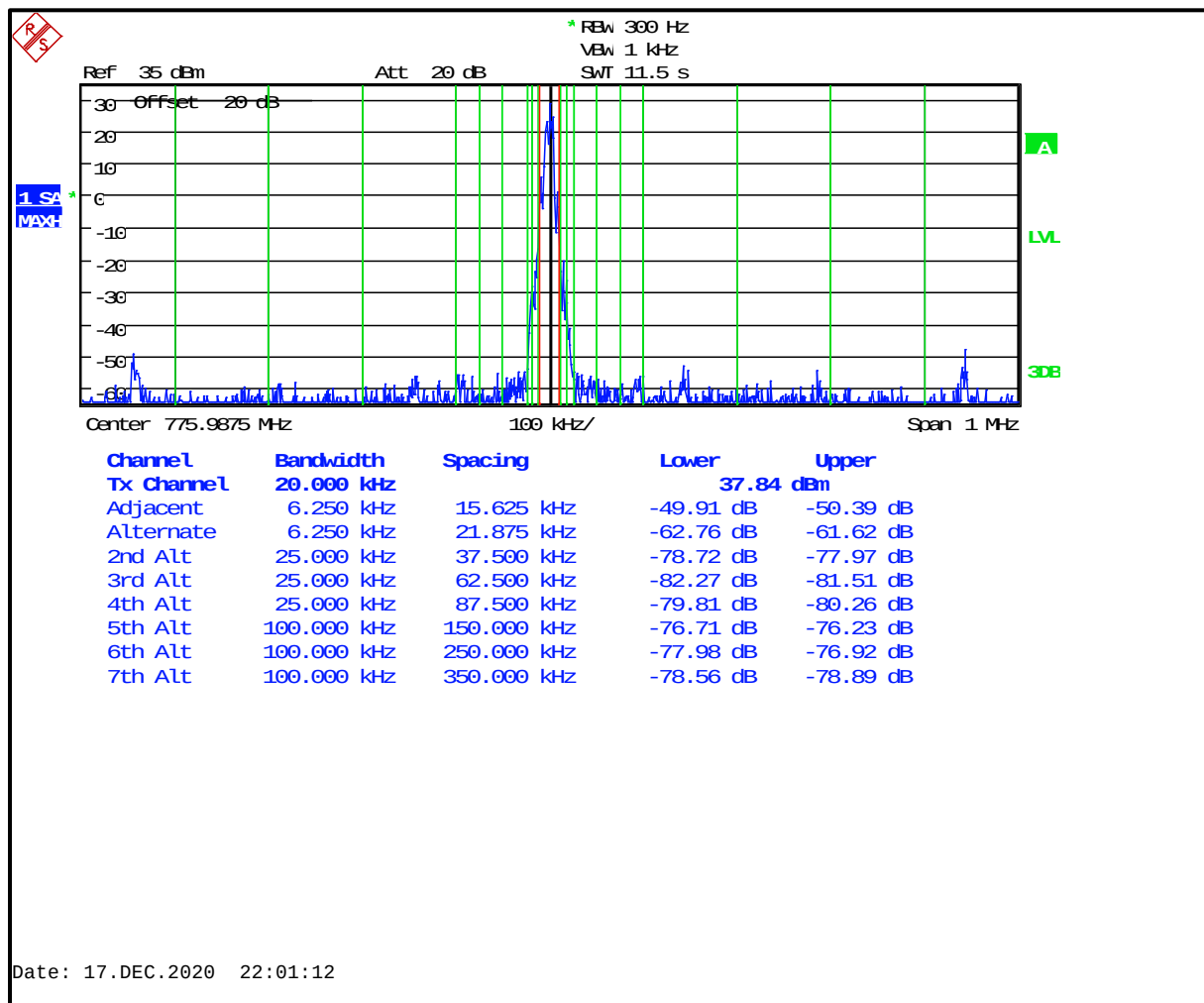


Table 6-55: Adjacent Channel Power - 775.9875 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.6
12 MHz to receive band	30(s)	-75	-106.9
In receive band	30(s)	-100	-112.7

Plot 6-56: Adjacent Channel Power – 798.0125 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) ISED

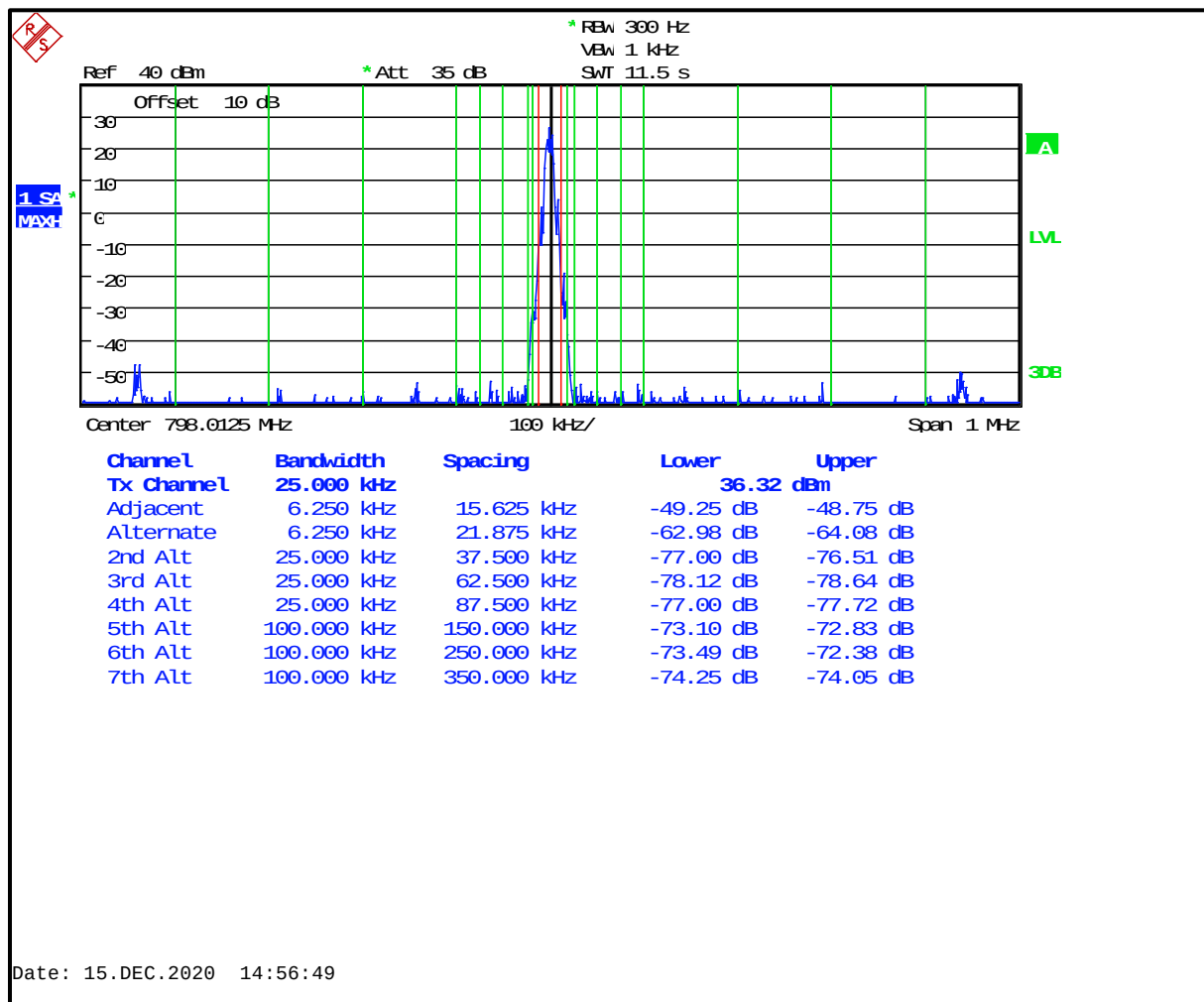


Table 6-56: Adjacent Channel Power – 798.0125 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.7
12 MHz to receive band	30(s)	-75	-104.8
In receive band	30(s)	-100	-102.8

Plot 6-57: Adjacent Channel Power – 799.0125 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) FCC

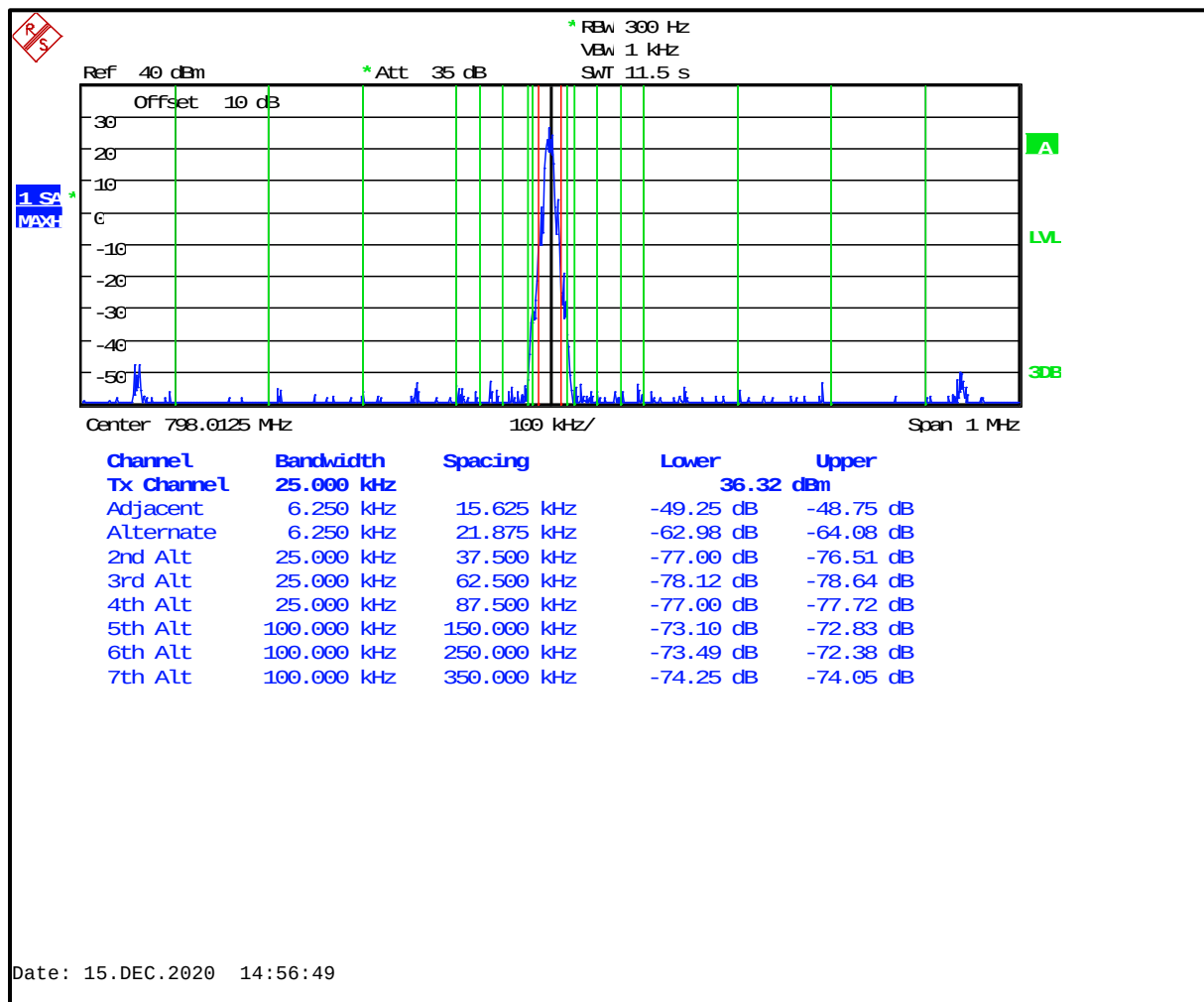


Table 6-57: Adjacent Channel Power – 799.0125 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.4
12 MHz to receive band	30(s)	-75	-100.0
In receive band	30(s)	-100	-101.9

Plot 6-58: Adjacent Channel Power – 802.0000 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz)

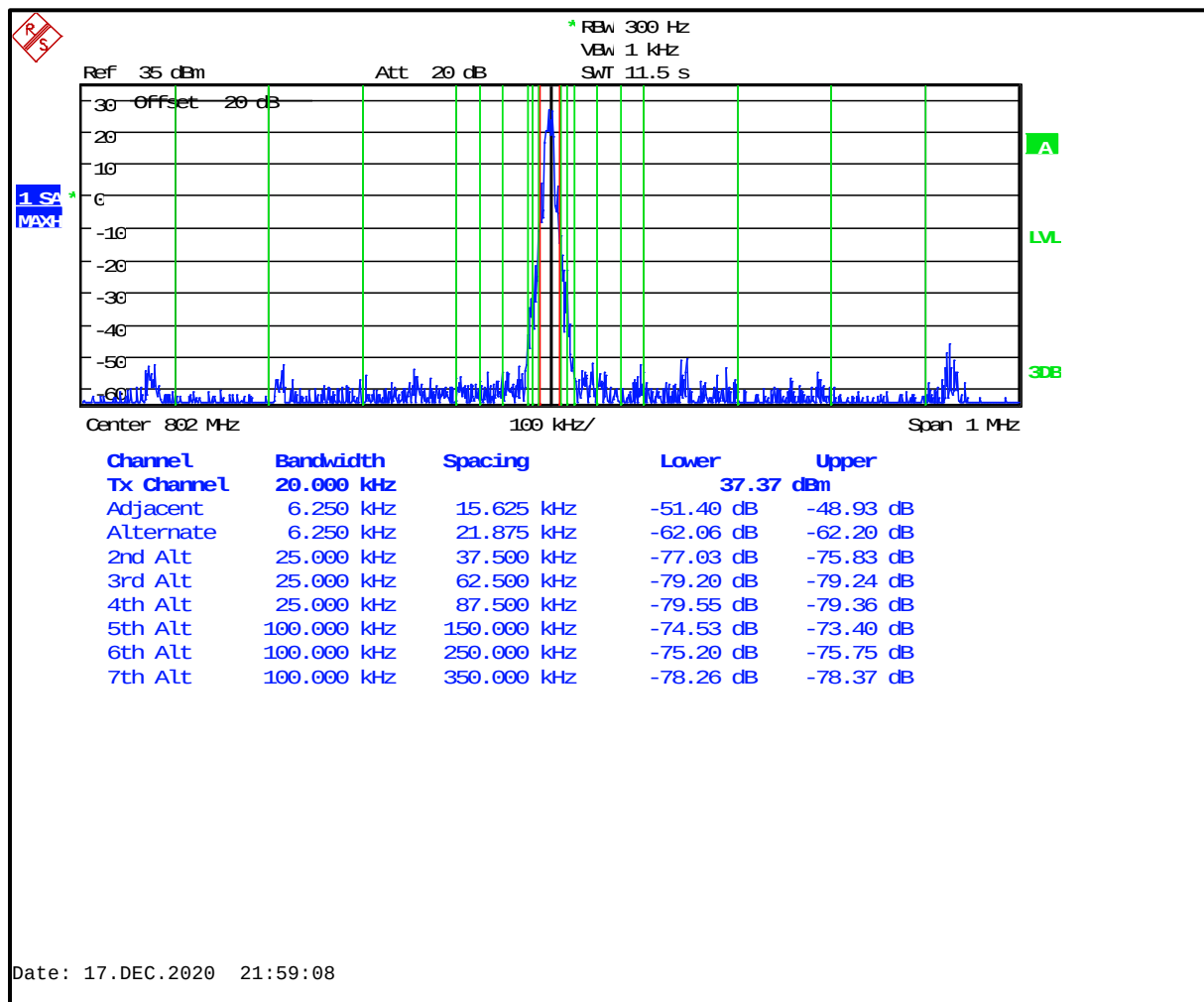


Table 6-58: Adjacent Channel Power – 802.0000 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.0
12 MHz to receive band	30(s)	-75	-98.3
In receive band	30(s)	-100	-103.7

Plot 6-59: Adjacent Channel Power – 804.9875 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) FCC

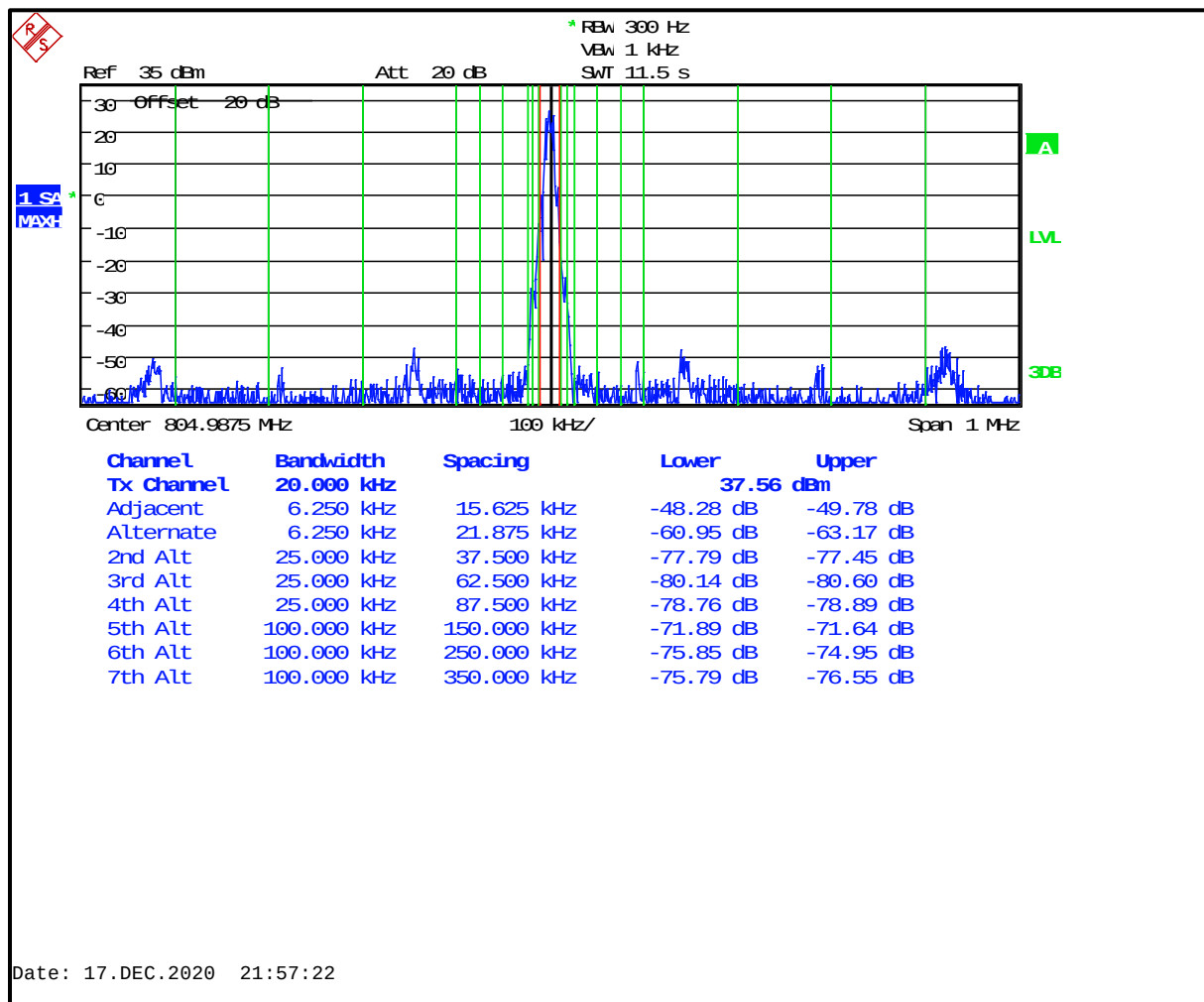


Table 6-59: Adjacent Channel Power – 804.9875 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.3
12 MHz to receive band	30(s)	-75	-96.5
In receive band	30(s)	-100	-104.8

Plot 6-60: Adjacent Channel Power – 805.9875 MHz; WB 2-Lvl FSK 9600 Mode (9.375 kHz - 350 kHz) ISED

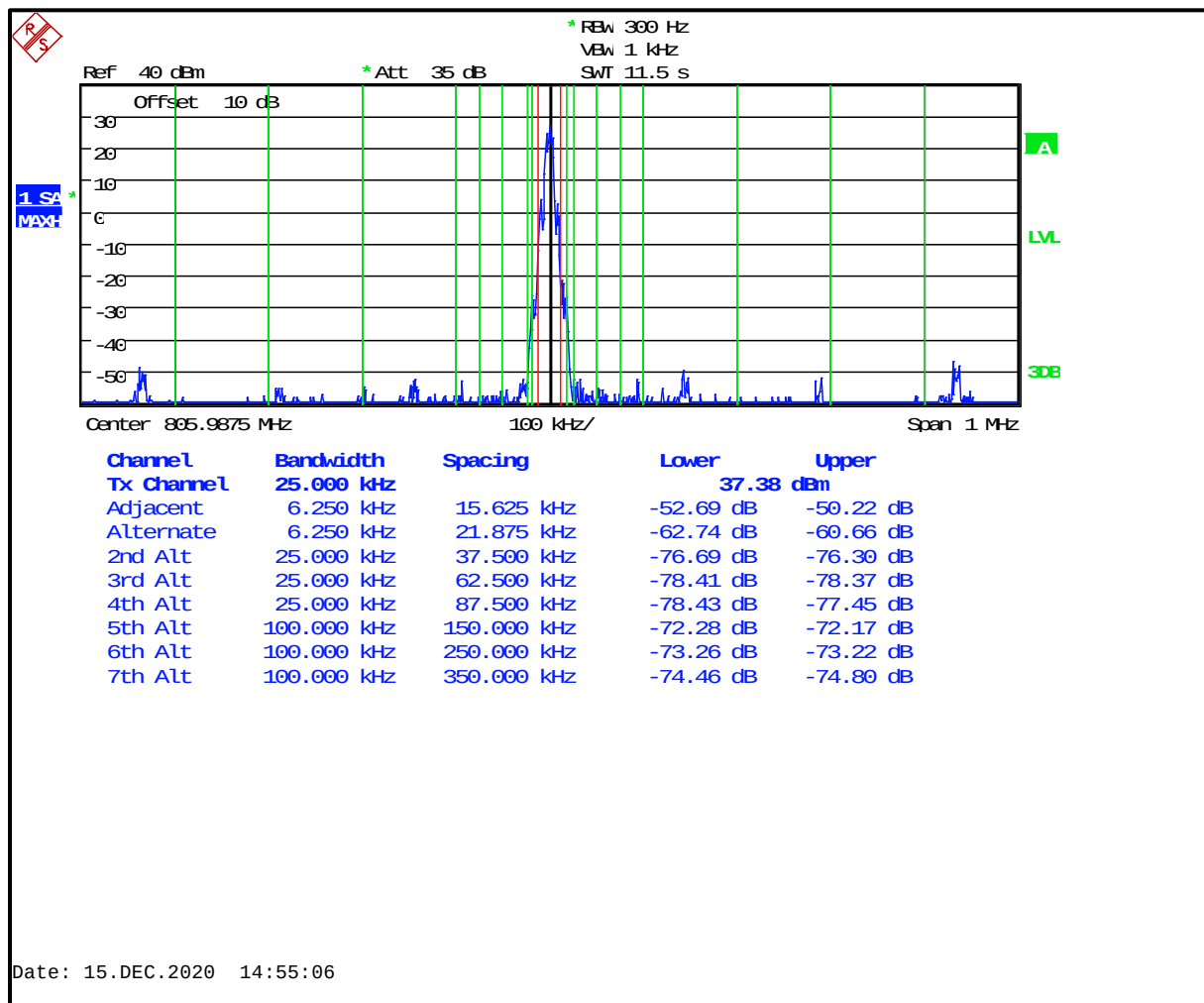


Table 6-60: Adjacent Channel Power – 805.9875 MHz; WB 2-Lvl FSK 9600 Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.7
12 MHz to receive band	30(s)	-75	-97.3
In receive band	30(s)	-100	-105.8

Plot 6-61: Adjacent Channel Power - 768.0125 MHz; HVD-SMR Mode (9.375 kHz - 350 kHz) ISED

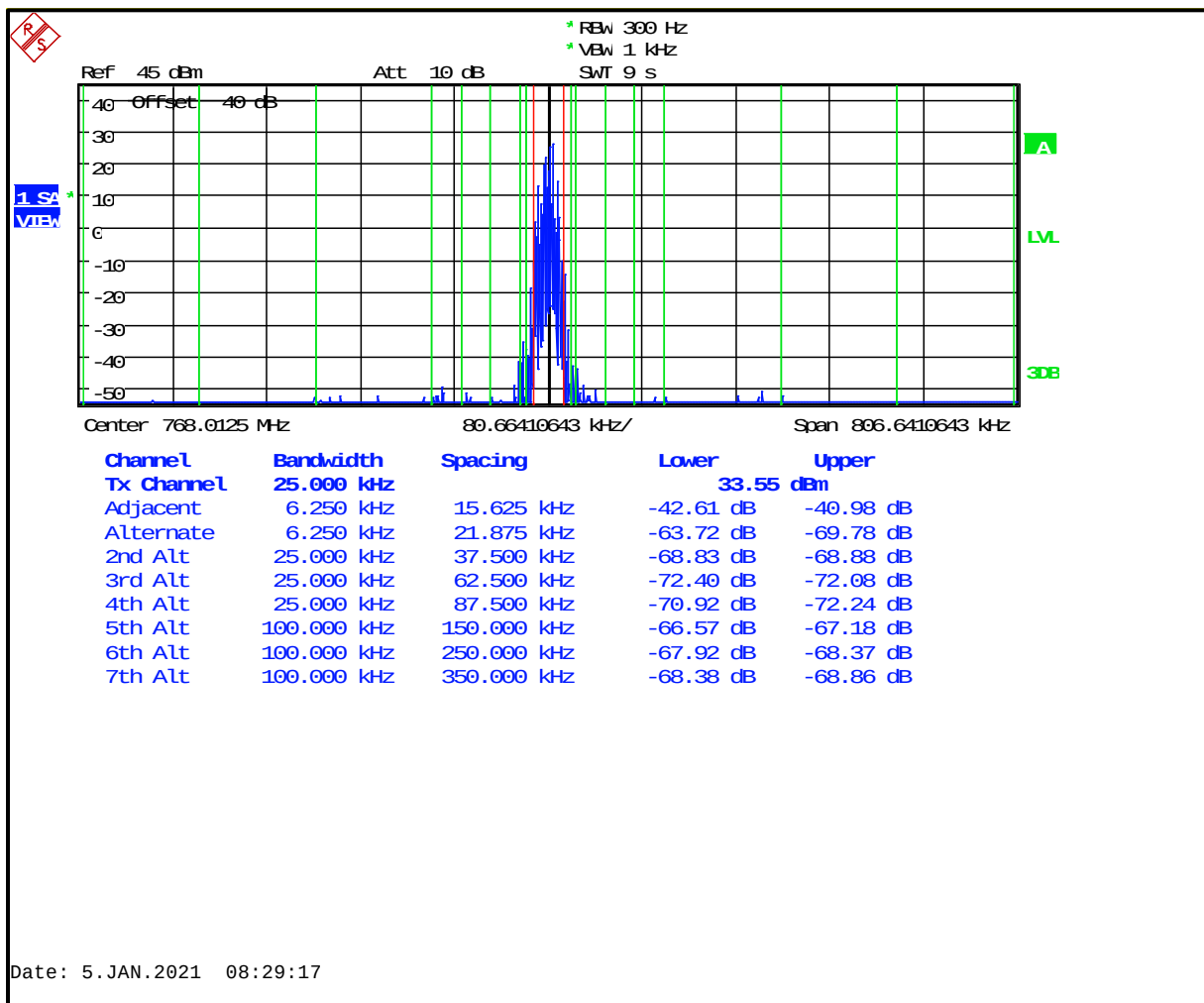


Table 6-61: Adjacent Channel Power - 768.0125 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-83.6
12 MHz to receive band	30(s)	-75	-91.5
In receive band	30(s)	-100	-113.6

Plot 6-62: Adjacent Channel Power - 769.0125 MHz; HVD-SMR Mode (9.375 kHz - 350 kHz) FCC

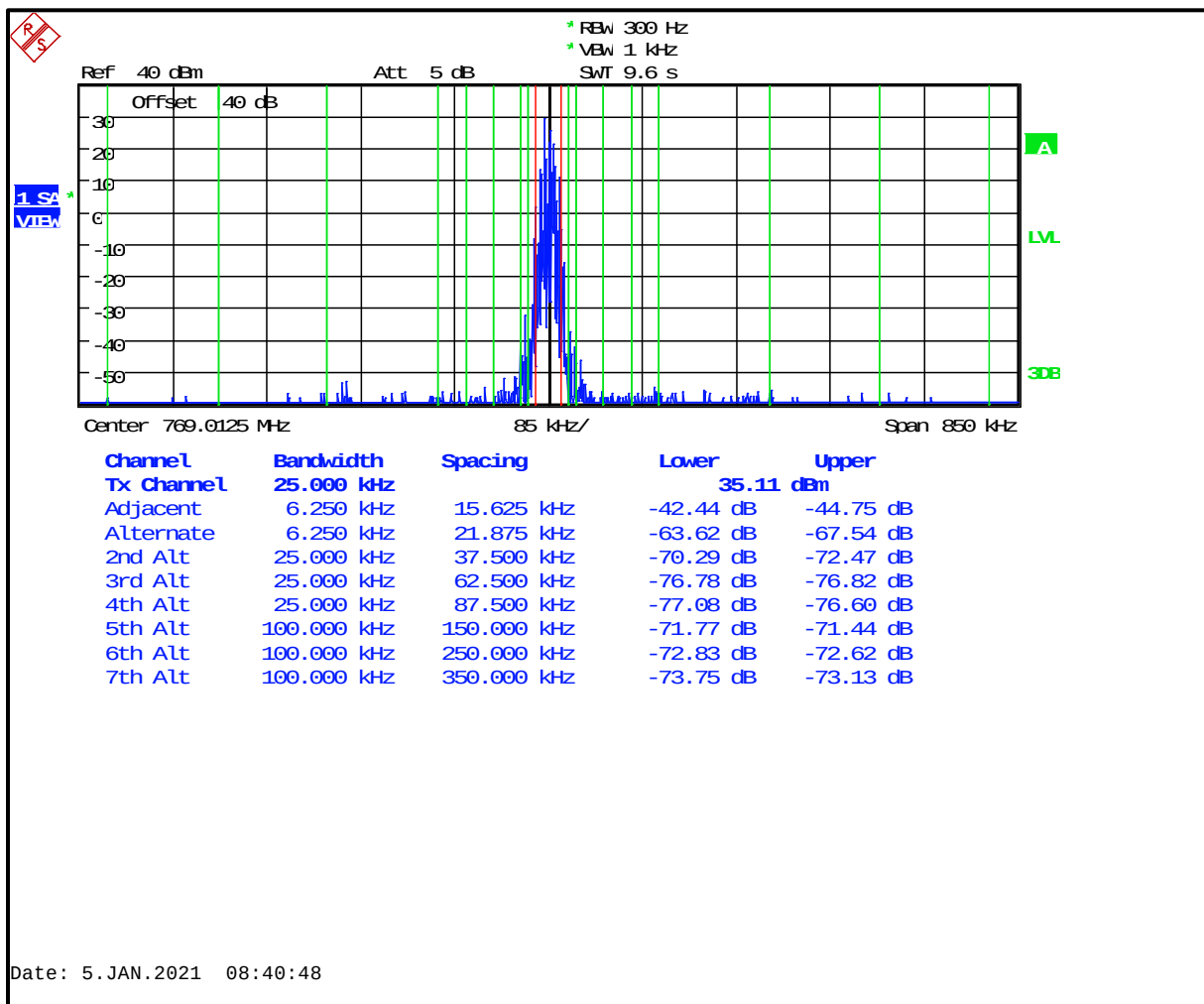


Table 6-62: Adjacent Channel Power – 769.0125 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.7
12 MHz to receive band	30(s)	-75	-87.2
In receive band	30(s)	-100	-113.5

Plot 6-63: Adjacent Channel Power – 772.0000 MHz; HVD-SMR Mode (9.375 kHz - 350 kHz)

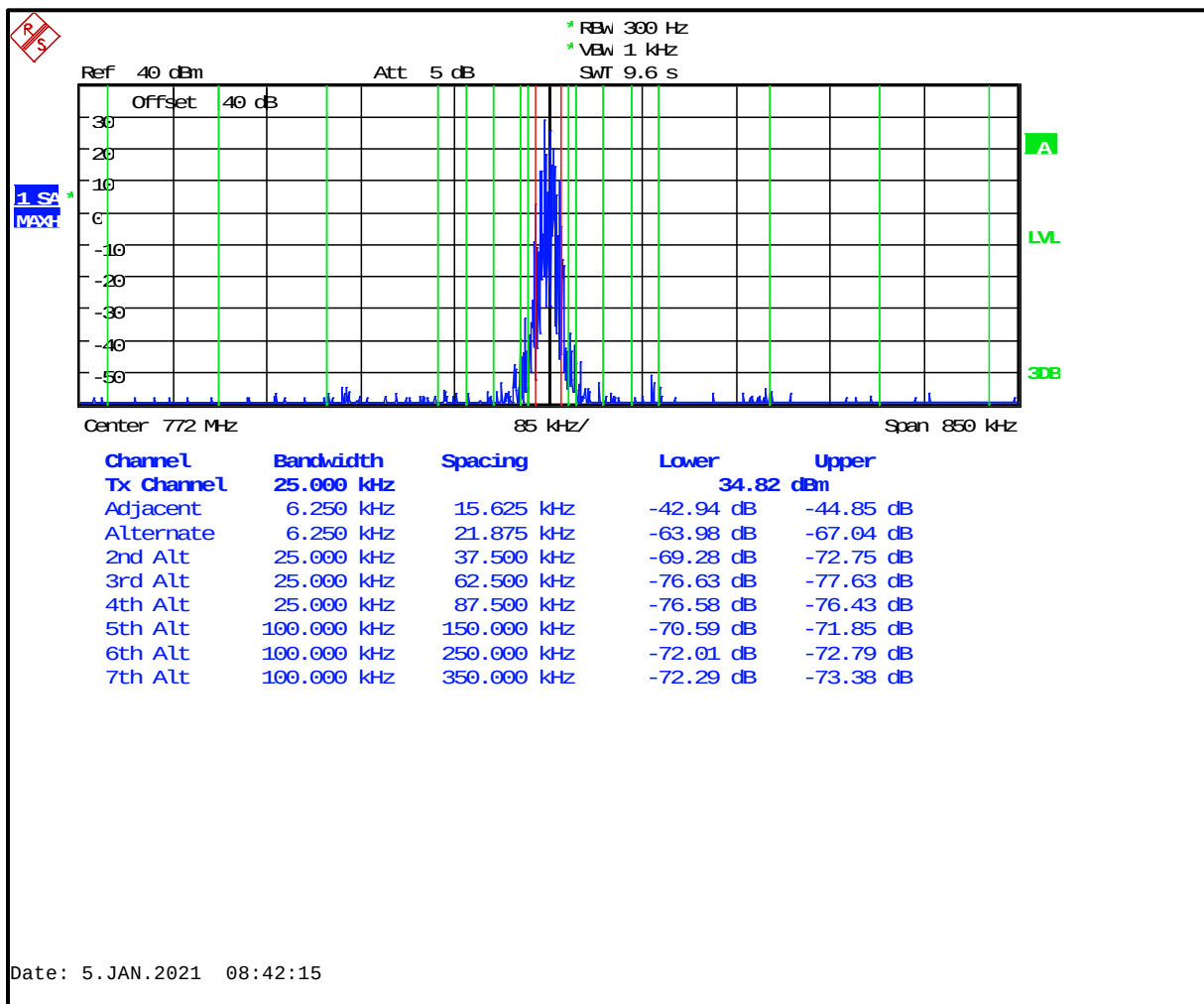


Table 6-63: Adjacent Channel Power – 772.0000 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-80.2
12 MHz to receive band	30(s)	-75	-95.9
In receive band	30(s)	-100	-113.6

Plot 6-64: Adjacent Channel Power - 774.9875 MHz; HVD-SMR Mode (9.375 kHz - 350 kHz) FCC

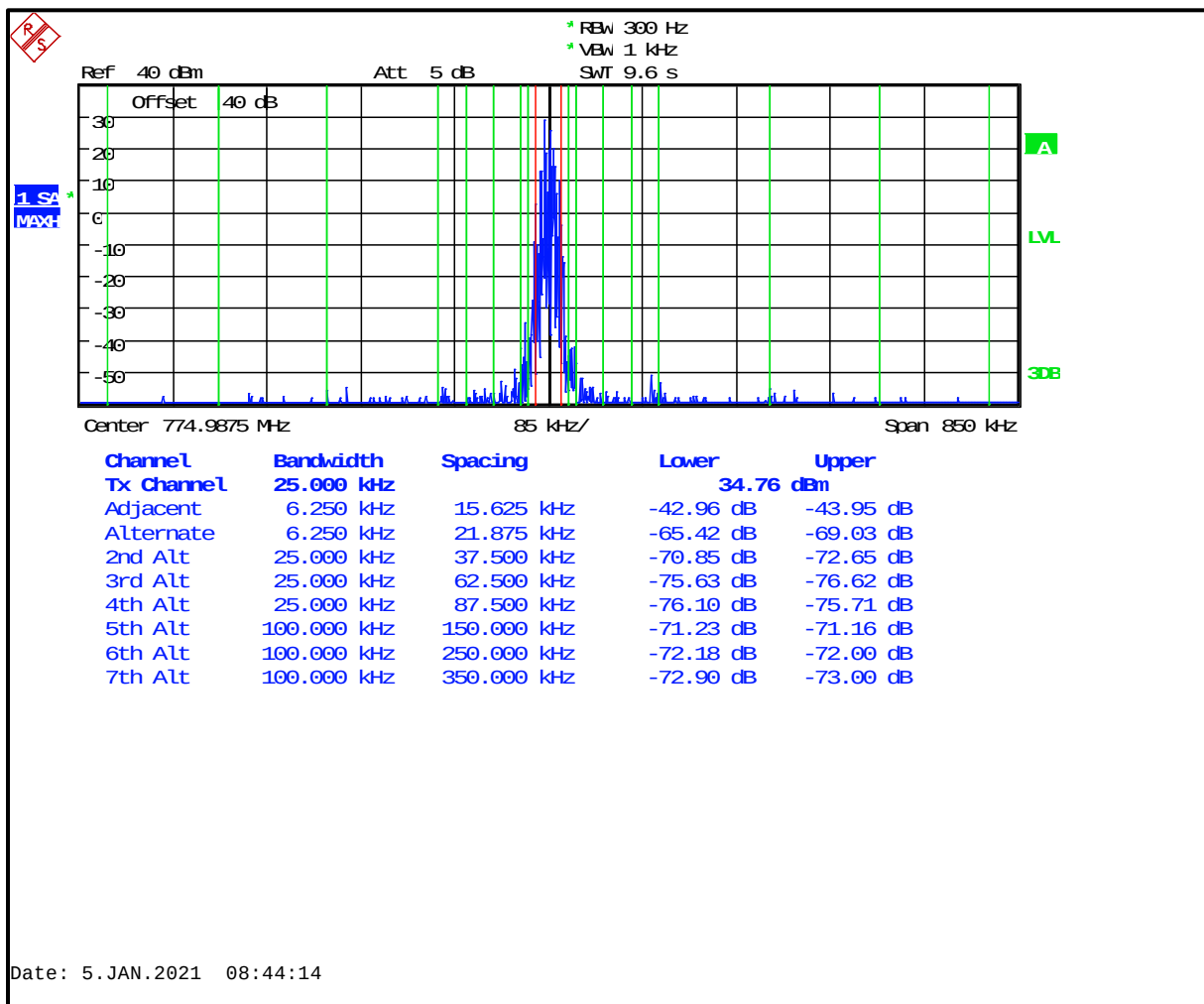


Table 6-64: Adjacent Channel Power - 774.9875 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.4
12 MHz to receive band	30(s)	-75	-97.9
In receive band	30(s)	-100	-111.0

Plot 6-65: Adjacent Channel Power - 775.9875 MHz; HVD-SMR Mode (9.375 kHz - 350 kHz) ISED

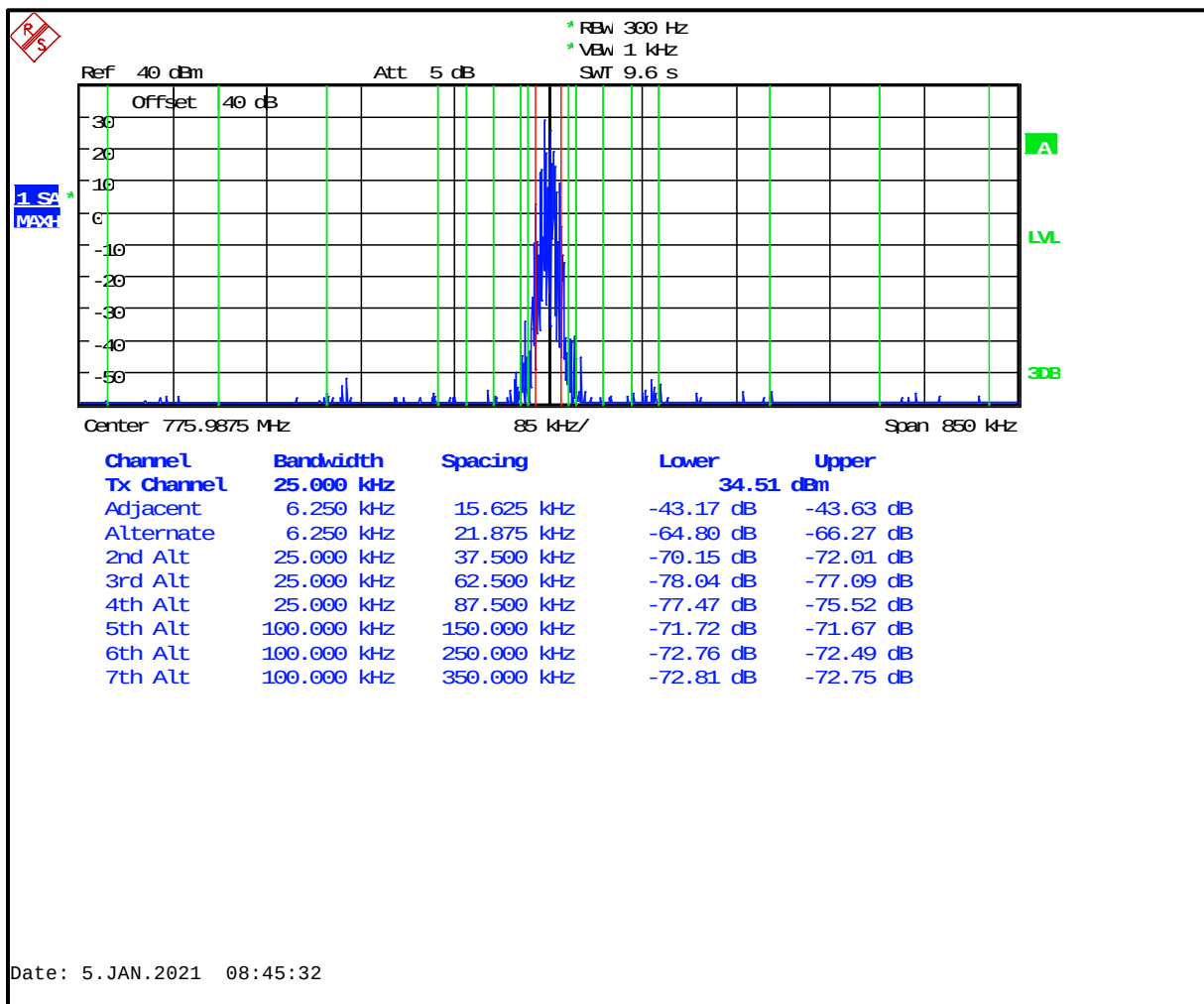


Table 6-65: Adjacent Channel Power - 775.9875 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-82.2
12 MHz to receive band	30(s)	-75	-97.6
In receive band	30(s)	-100	-110.9

Plot 6-66: Adjacent Channel Power – 798.0125 MHz; HVD-SMR Mode; (9.375 kHz - 350 kHz) ISED

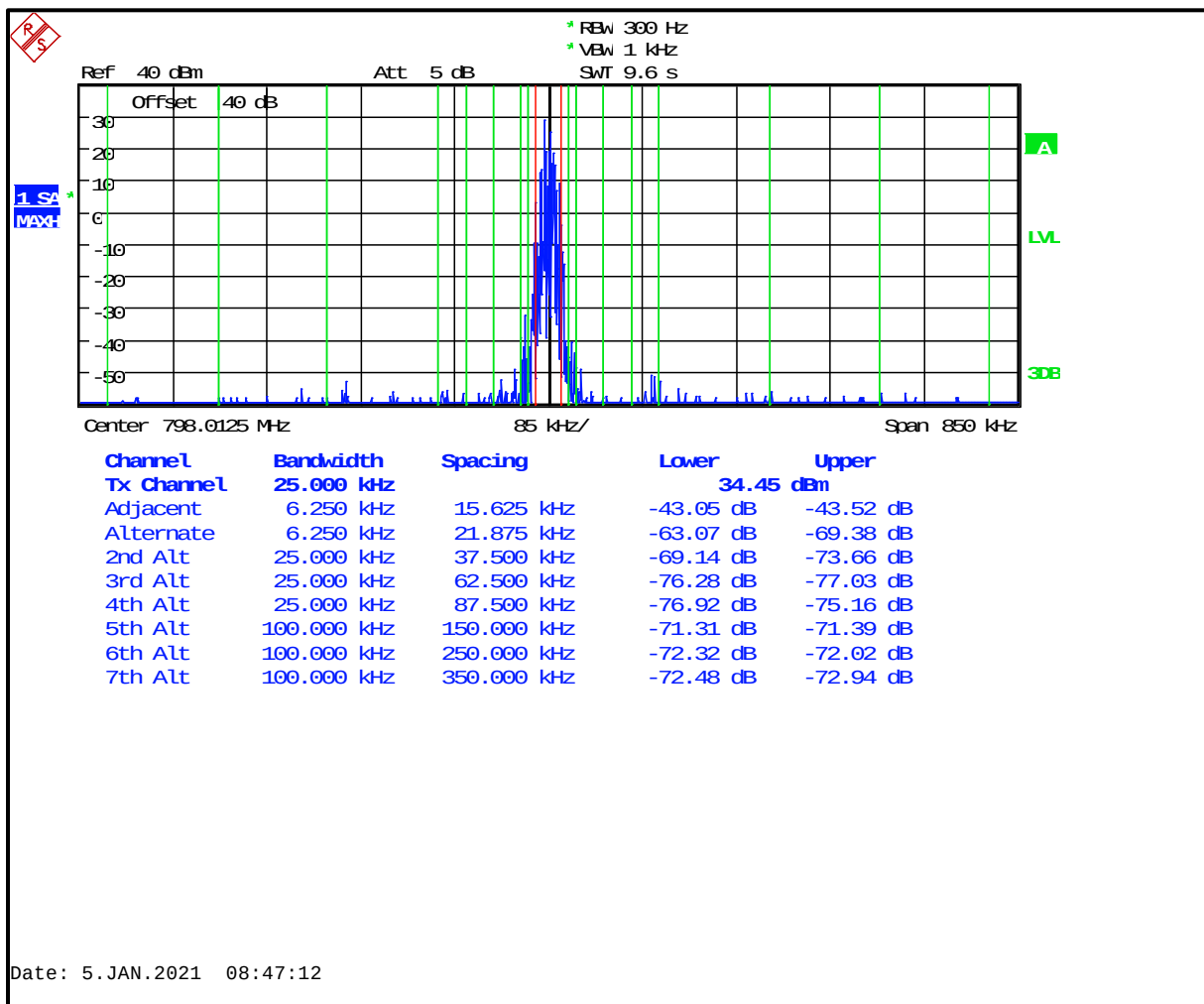


Table 6-66: Adjacent Channel Power – 798.0125 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.3
12 MHz to receive band	30(s)	-75	-98.2
In receive band	30(s)	-100	-105.6

Plot 6-67: Adjacent Channel Power – 799.0125 MHz; HVD-SMR Mode; (9.375 kHz - 350 kHz) FCC

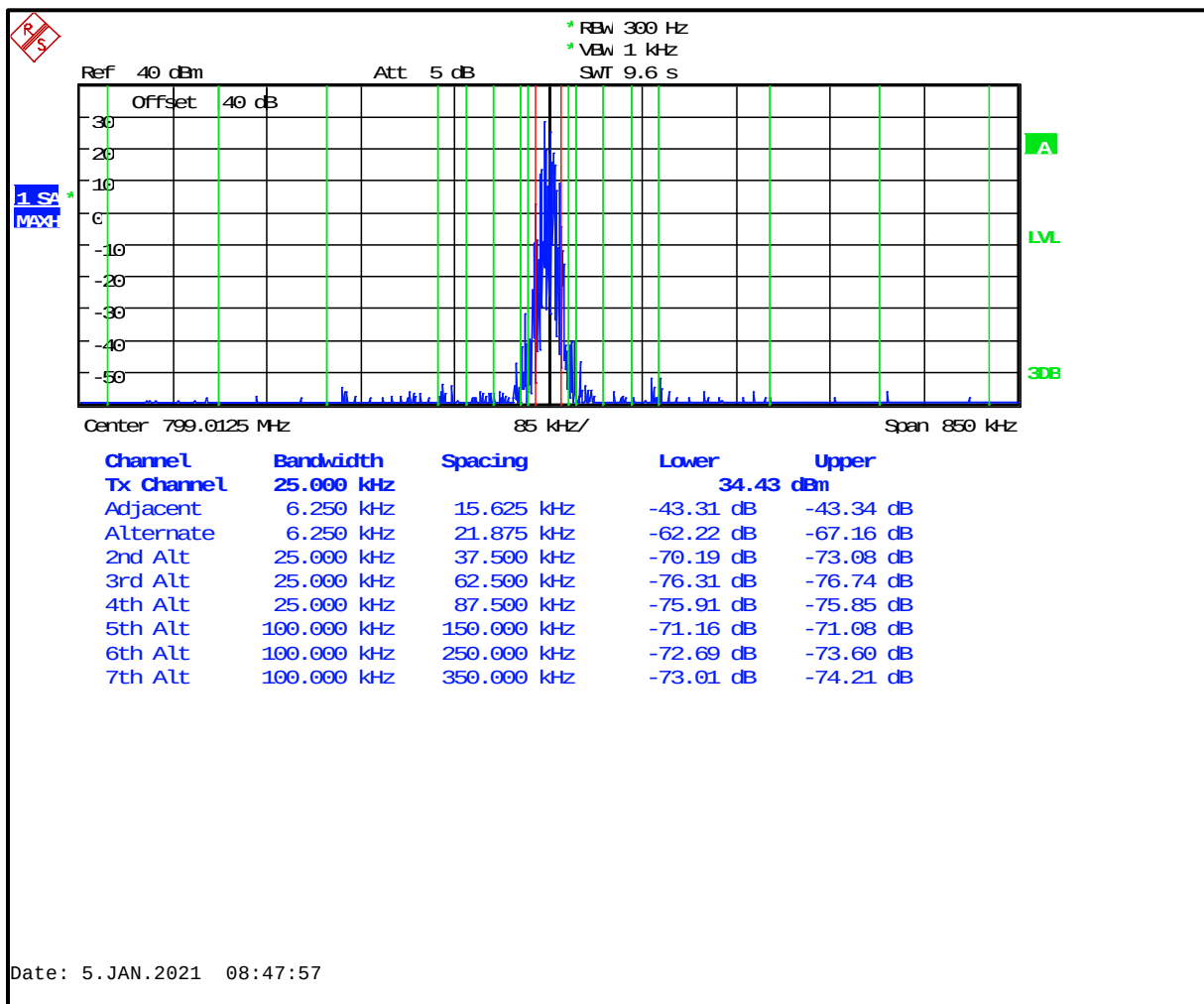


Table 6-67: Adjacent Channel Power – 799.0125 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-81.4
12 MHz to receive band	30(s)	-75	-90.6
In receive band	30(s)	-100	-104.7

Plot 6-68: Adjacent Channel Power – 802.0000 MHz; HVD-SMR Mode; (9.375 kHz - 350 kHz)

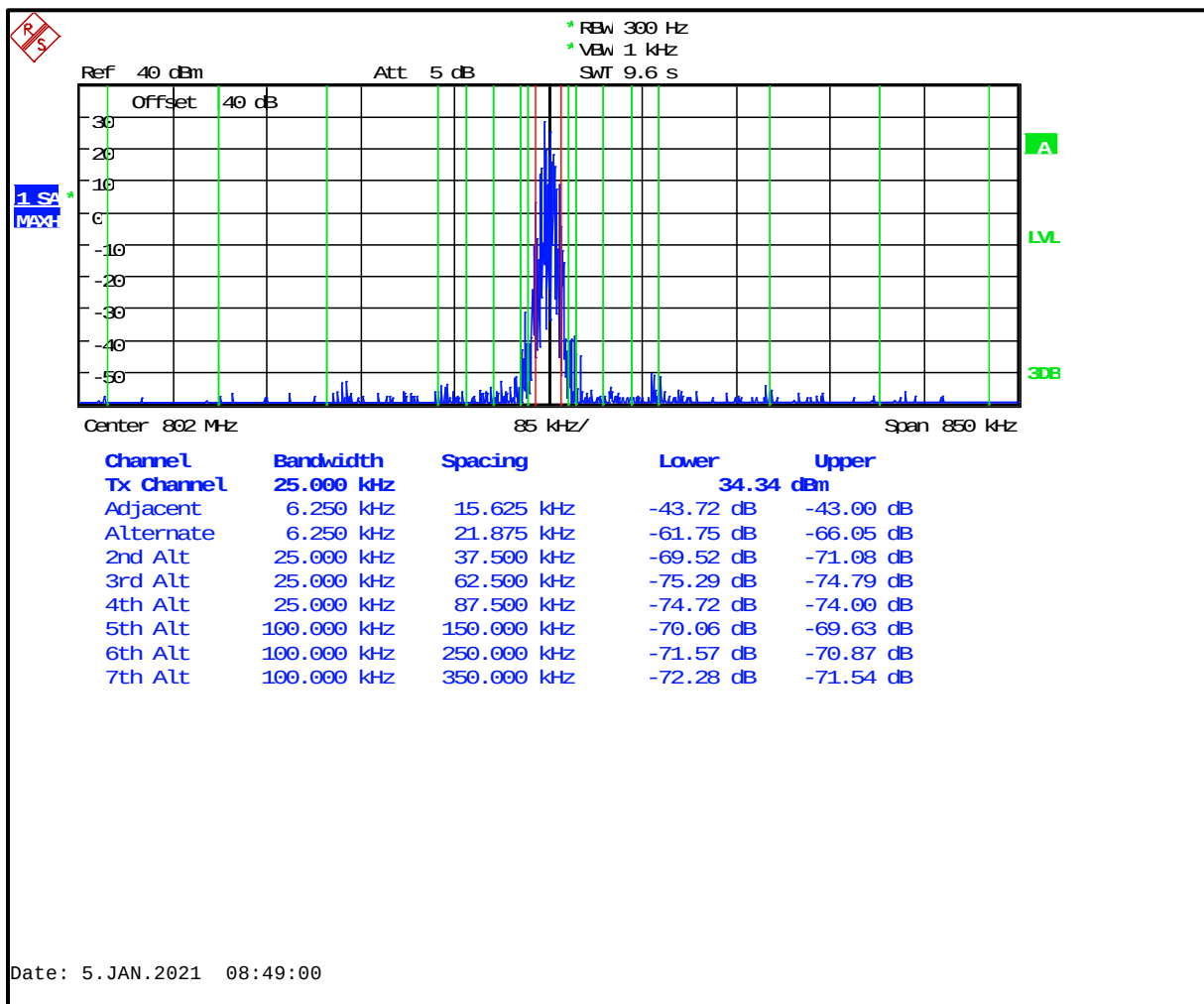


Table 6-68: Adjacent Channel Power – 802.0000 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-78.8
12 MHz to receive band	30(s)	-75	-91.6
In receive band	30(s)	-100	-105.0

Plot 6-69: Adjacent Channel Power – 804.9875 MHz; HVD-SMR Mode; (9.375 kHz - 350 kHz) FCC

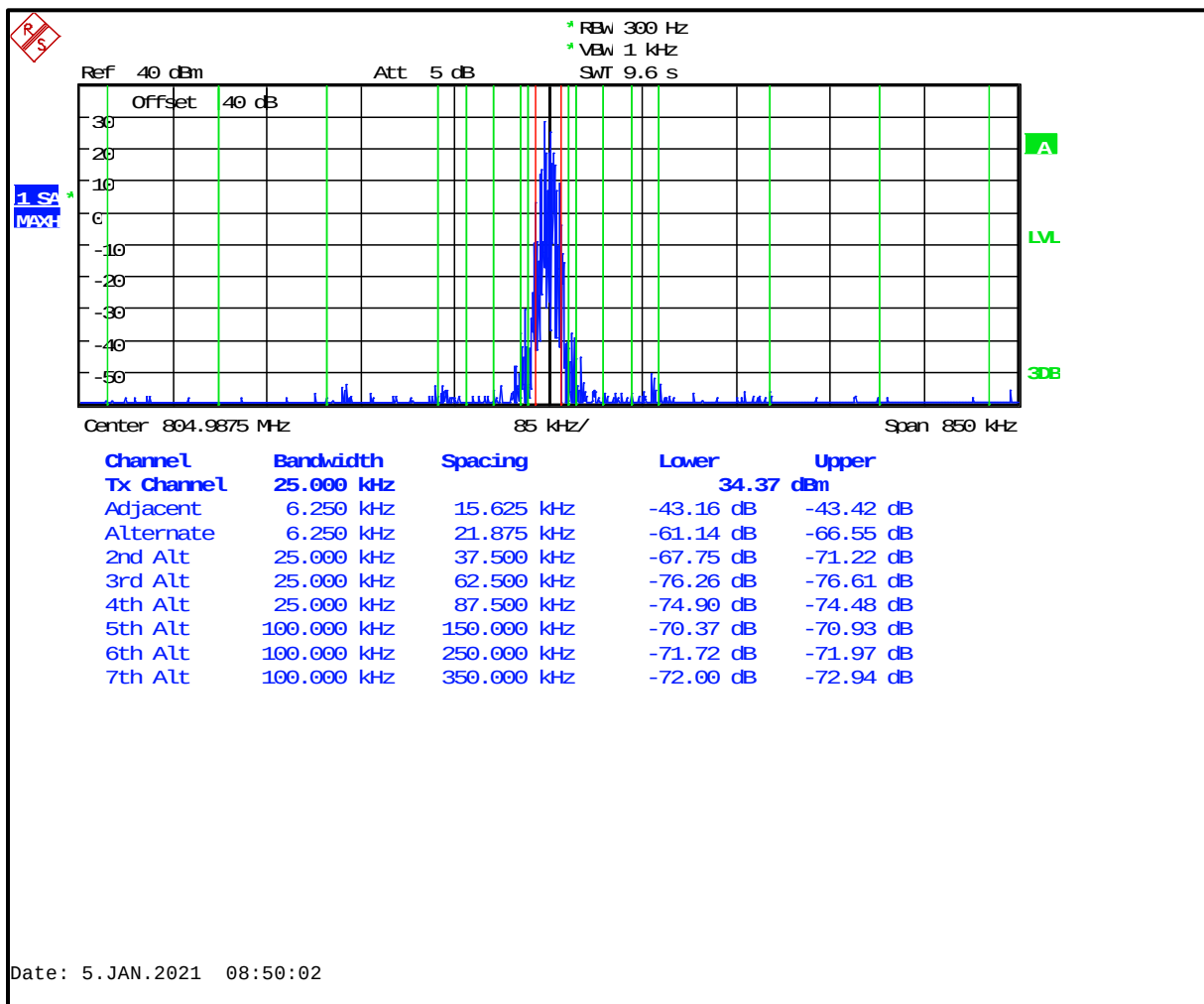


Table 6-69: Adjacent Channel Power – 804.9875 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-79.8
12 MHz to receive band	30(s)	-75	-91.7
In receive band	30(s)	-100	-106.7

Plot 6-70: Adjacent Channel Power – 805.9875 MHz; HVD-SMR Mode; (9.375 kHz - 350 kHz) ISED

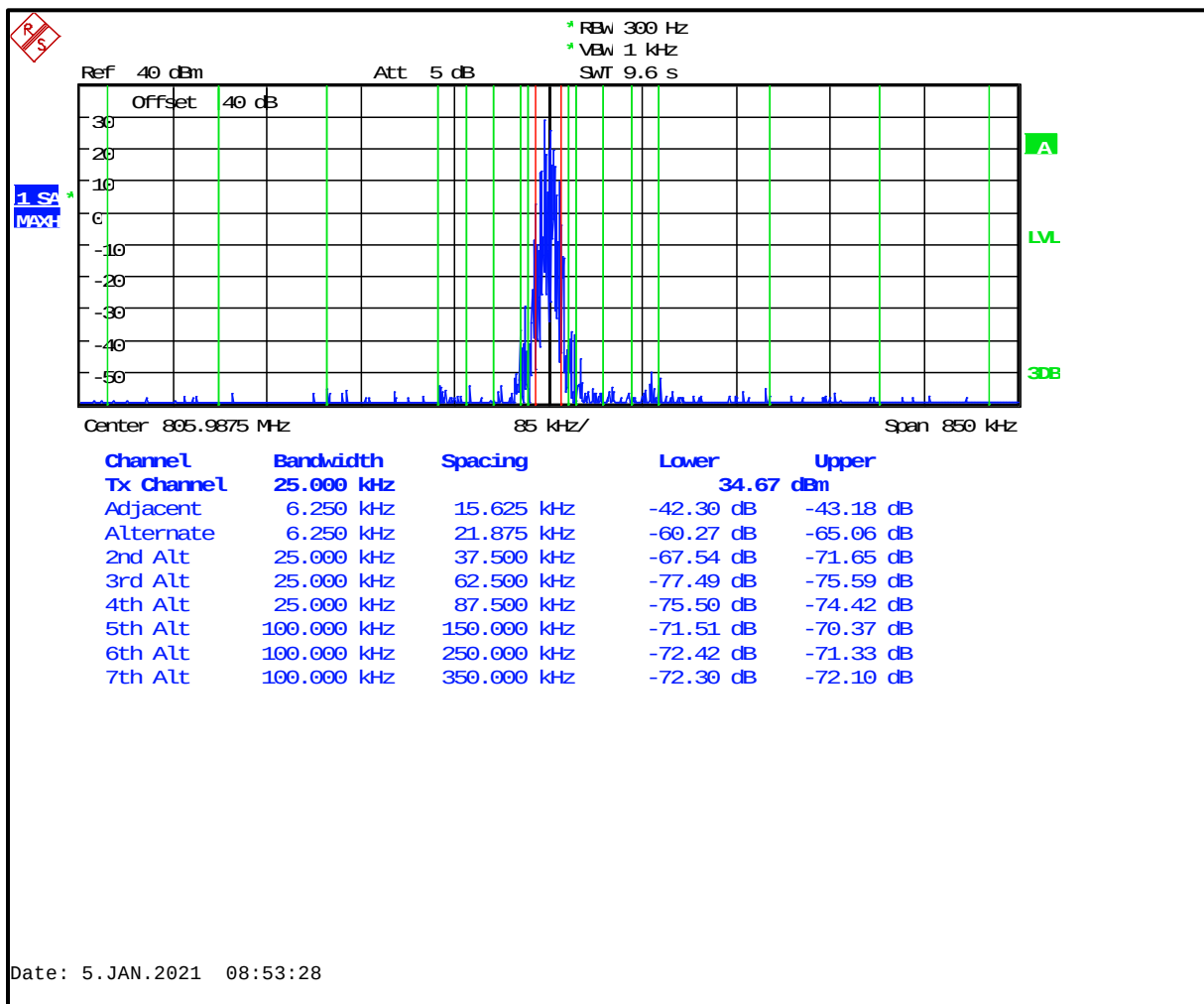


Table 6-70: Adjacent Channel Power – 805.9875 MHz; HVD-SMR Mode (>400 kHz - RX Band)

Offset from Center Frequency (kHz)	Measurement BW (kHz)	Max ACP (dBc)	Measured ACP (dBc)
>400 to 12 MHz	30(s)	-75	-79.1
12 MHz to receive band	30(s)	-75	-91.6
In receive band	30(s)	-100	-112.2

Measurement uncertainties shown for these tests are expanded uncertainties expressed at the 95% confidence level using a coverage factor K=2. Measurement uncertainty: ± 0.5 dB

Results: Pass

Table 6-71: Test Equipment Used For Testing ACP Requirements

RTL Asset #	Manufacturer	Model	Part Type	Serial Number	Calibration Due Date
901581	Rohde & Schwarz	FSU	Spectrum Analyzer	1166.1660.50	4/26/21
901139	Weinschel Corporation	48-20-34	Attenuator DC-18 GHz 20 dB 100W	BK5859	5/4/21
900819	Weinschel Corporation	2	Attenuator DC-18 GHz 10 dB 5W	BF0830	9/14/21

Test Personnel:

Daniel W. Baltzell		December 14, 2020 – January 5, 2021
EMC Test Engineer	Signature	Dates of Test

7 FCC Part 90.210 and Part 2.1053(a): Field Strength of Spurious Emissions; Part 90.543: Out of Band Emissions Limit; ISED RSS-119 5.8.9.2: Out-of-band Emission Limit

7.1 Test Procedure

ANSI C63.26 section 5.5

The device uses digital modulation modulated to its maximum extent using a pseudo-random data sequence.

The spurious emissions levels were measured, and the device under test was replaced by a substitution antenna connected to a signal generator. This signal generator level was then corrected by subtracting the cable loss from the substitution antenna to the signal generator, and the gain of the antenna (dBi) was added to achieve the EIRP level, then converted from the corrected signal generator level (dBm) to dBc, or dBW for 700 MHz band, and compared to the limit.

For emissions in the 1559-1610 band, Part 90.543(f) states: "For operations in the 763–775 MHz and 793–805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation."

Additionally, radiated emissions were investigated with the licensed and unlicensed (DSS, DTS, NII) transmitters transmitting simultaneously. No non-compliances were found.

The data below is representative of the data which was not attenuated more than 20 dB below the worst case limits (narrowband); per FCC 2.1057(c), all other data need not be reported. It is narrowband data compared to wideband limits.

7.2 Test Data

Table 7-1: Part 90.543(f): Out of Band Emissions Limit

Frequency (MHz)	Spectrum Analyzer Level (dBuV)	Signal Generator Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Corrected (dBW)	Limit (dBW)	Margin (dB)
1596.025	-42.6	-41.5	1.1	1.5	-71.1	-70.0	-1.1
1598.025	-42.6	-41.4	1.1	1.5	-71.0	-70.0	-1.0
1604.025	-42.8	-41.7	1.1	1.5	-71.3	-70.0	-1.3
1609.975	-42.8	-41.7	1.1	1.5	-71.3	-70.0	-1.3

Measurement uncertainties shown for these tests are expanded uncertainties expressed at the 95% confidence level using a coverage factor K=2. Measurement uncertainty: ± 4.6 dB

Results: Pass

Table 7-2: Test Equipment Used For Testing Field Strength of Spurious Radiation

RTL Asset #	Manufacturer	Model	Part Type	Serial Number	Calibration Due Date
900878	Rhein Tech Laboratories	AM3-1197-0005	3 meter antenna mast, polarizing	OATS1	N/A
901729	Insulated Wire Inc.	KPS-1503-3150-KPR	SMK RF Cables 20'	NA	10/29/21
901132	Par Electronics	806-902 (25W)	UHF Notch Filter	N/A	9/14/21
901727	Insulated Wire Inc.	KPS-1503-360-KPR	SMK RF Cables 36"	NA	9/14/21
901242	Rhein Tech Laboratories	WRT-000-0003	Wood rotating table	N/A	N/A
901669	ETS-Lindgren	3142E	Biconilog Antenna (30 MHz – 6000 MHz)	00166065	4/24/22
900321	EMCO	3161-03	Horn Antenna (4.0 - 8.2 GHz)	9508-1020	5/17/21
900323	EMCO	3160-07	Horn Antenna (8.2 - 12.4 GHz)	9605-1054	5/17/21
900772	EMCO	3161-02	Horn Antenna (2 - 4 GHz)	9804-1044	5/17/21
901581	Rohde & Schwarz	FSU	Spectrum Analyzer	1166.1660.50	4/26/21
901582	Rohde & Schwarz	1167.0000.02	Signal Generator	101903	4/24/21

Test Personnel:

Daniel W. Baltzell
Test Engineer



Signature

December 22-30, 2020
Dates of Tests

8 FCC Part 2.1049(c)(1): Occupied Bandwidth; Part 90.210 Authorized Bandwidth; ISED RSS-119 5.5: Channel Bandwidth, Authorized Bandwidth, Occupied Bandwidth and Spectrum Masks

Occupied Bandwidth - Compliance with the Emission Masks

8.1 Test Procedure

ANSI C63.26-2015, section 5.4

Device with digital modulation: Modulated to its maximum extent using a pseudo-random data sequence.

Part 90.210 Authorized Bandwidth

Applicable Emission Masks		
Frequency Band (MHz)	Mask for Equipment With Audio Low Pass Filter	Mask for Equipment Without Audio Low Pass Filter
Below 25 ¹	A or B.....	A or C
25–50.....	B.....	C
72–76.....	B.....	C
150–174 ²	B, D, or E.....	C, D, or E
150 Paging-only	B.....	C
220–222	F.....	F
421–512 ²	B, D, or E.....	C, D, or E
450 Paging-only	B.....	G
806–809/851–854	B.....	H
809–824/854–869 ^{3 5}	B.....	G
896–901/935–940	I.....	J
902–928	K.....	K
929–930	B.....	G
4940–4990 MHz	L or M.....	L or M
5850–5925 ⁴		
All other bands	B.....	C

¹ Equipment using single sideband J3E emission must meet the requirements of Emission Mask A. Equipment using other emissions must meet the requirements of Emission Mask B or C, as applicable.

² Equipment designed to operate with a 25 kHz channel bandwidth must meet the requirements of Emission Mask B or C, as applicable. Equipment designed to operate with a 12.5 kHz channel bandwidth must meet the requirements of Emission Mask D, and equipment designed to operate with a 6.25 kHz channel bandwidth must meet the requirements of Emission Mask E.

³ Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of §90.691.

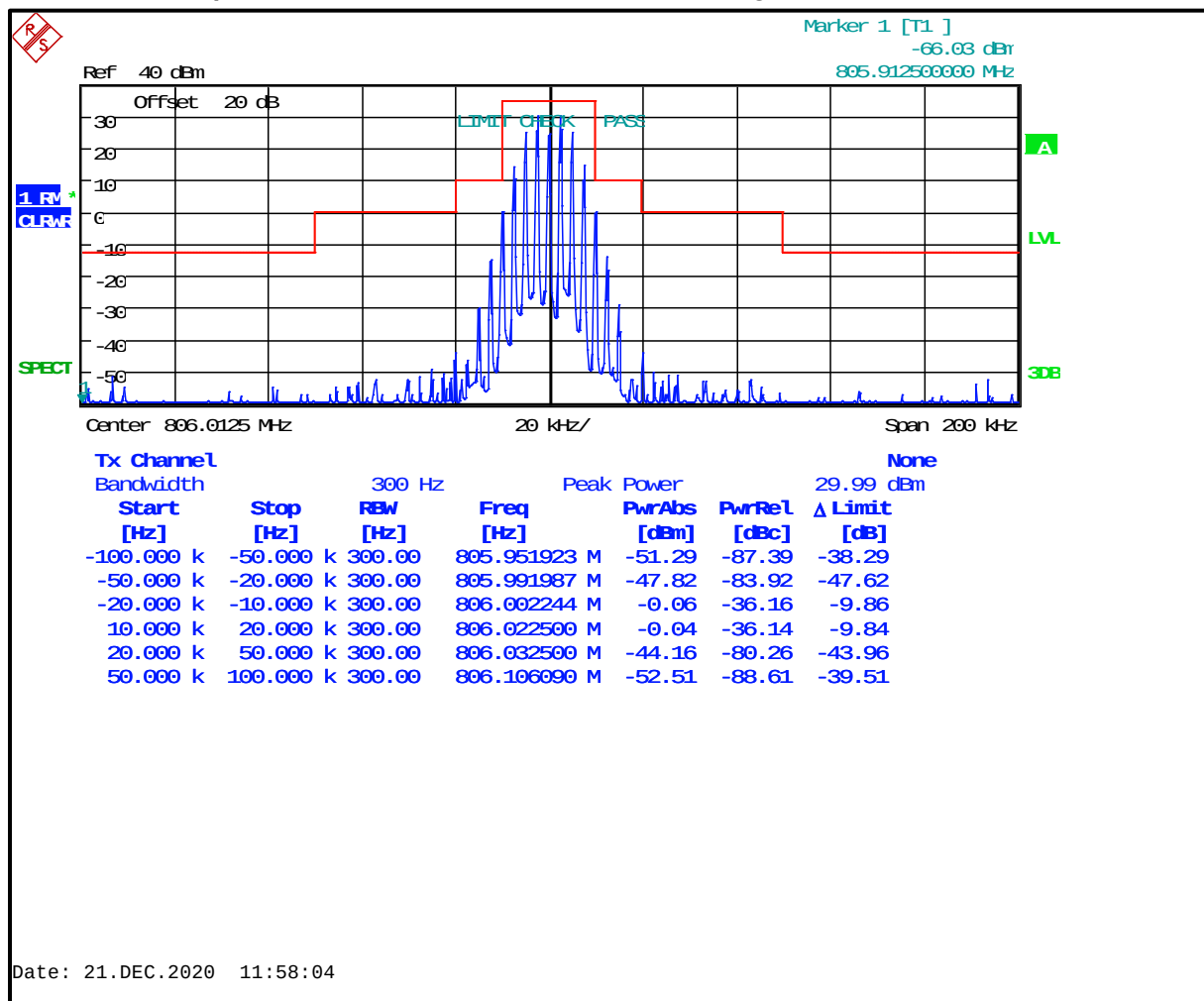
⁴ DSRCS Roadside Unit equipment in the 5850–5925 MHz band is governed under subpart M of this part.

⁵ Equipment may alternatively meet the Adjacent Channel Power limits of §90.221.

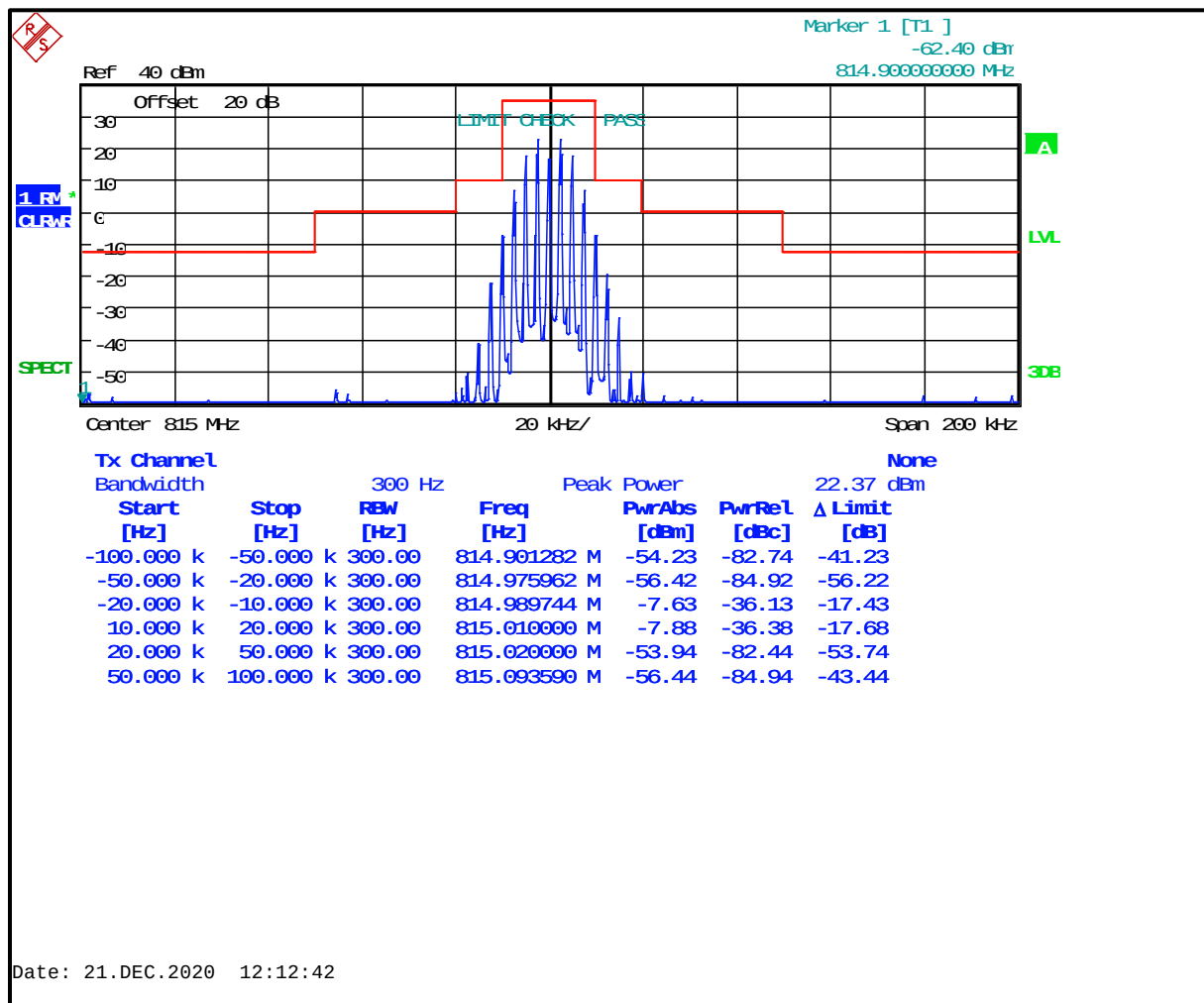
Frequency Band (MHz)	Related SRSP for Channelling Plan and ERP	Channel Bandwidth (kHz)	Authorized Bandwidth (kHz)	Spectrum Masks for Equipment With Audio Filter	Spectrum Masks for Equipment Without Audio Filter
768-776 and 798-806	SRSP-511	6.25 12.5 25 50	(Note 2)	See Section 5.8.9	See Section 5.8.9
806-821/851-866 and 821-824/866-869	SRSP-502	25	20 22	B Y	G Y
		12.5	11.25	D	D
		6.25	6	E	E
896-901/935-940	SRSP-506	12.5	13.6	I	J (G) (Note 3)
929-930 and 931-932	SRSP-504 (for paging)	25	20	B	G
928-929/952-953 and 932-932.5/941-941.5	SRSP-505	25	20	B	G
		12.5	11.25	D	D
932.5-935/941.5-944	SRSP-507	25	20	B	G
		12.5	11.25	D	D

8.2 Test Data

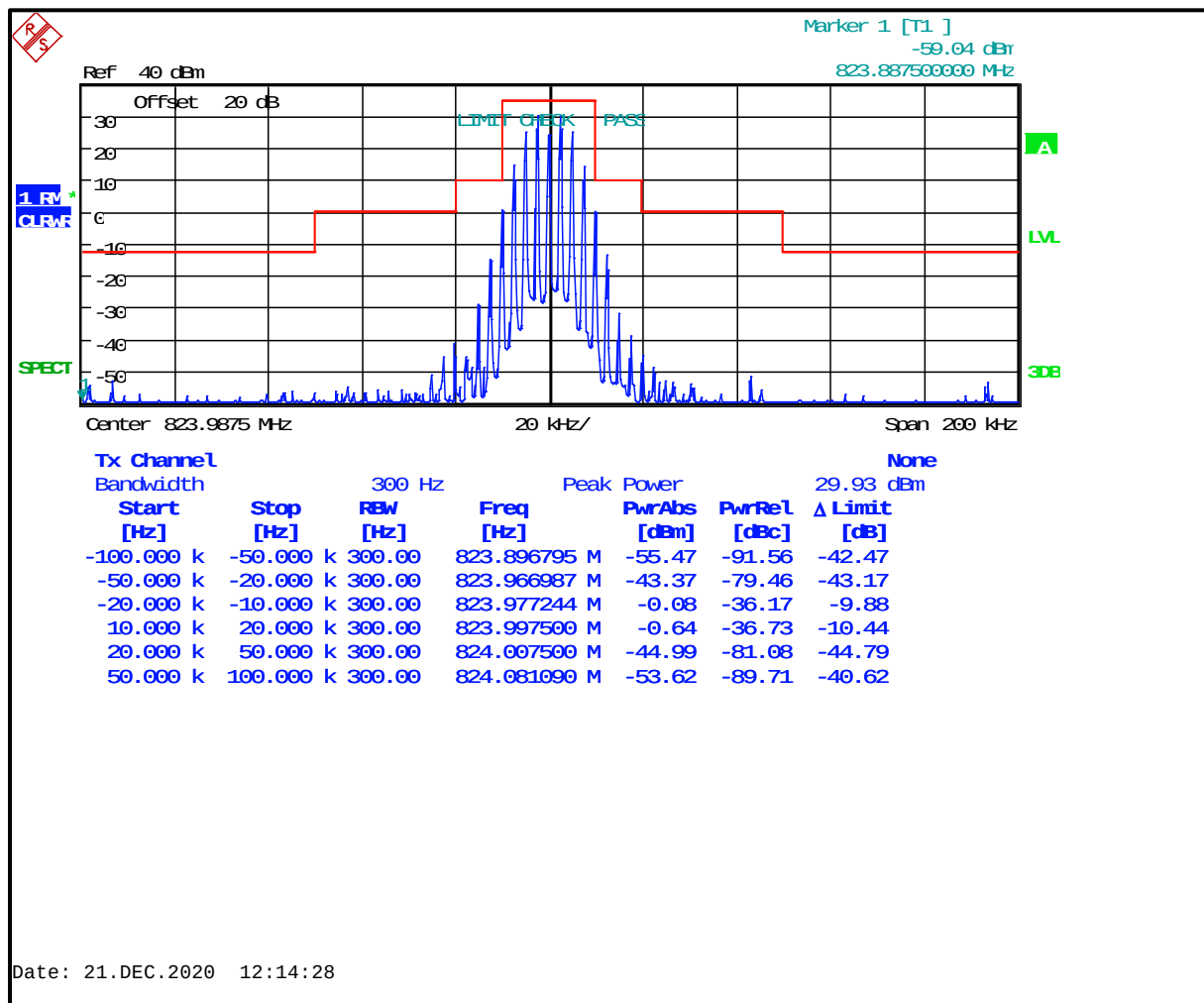
Plot 8-1: Occupied Bandwidth – 806.0125 MHz; WB Analog; Mask B



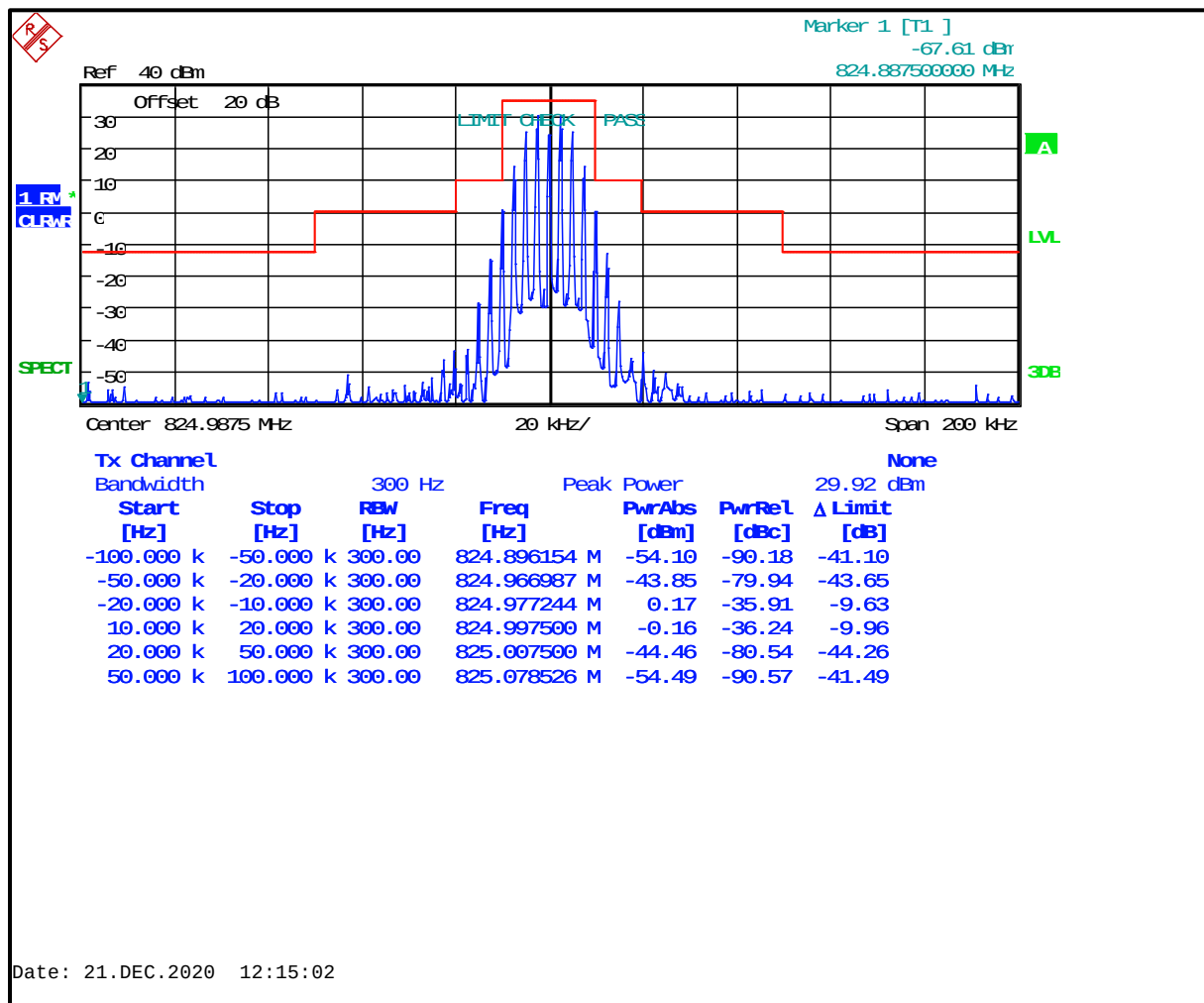
Plot 8-2: Occupied Bandwidth – 815.0000 MHz; WB Analog; Mask B



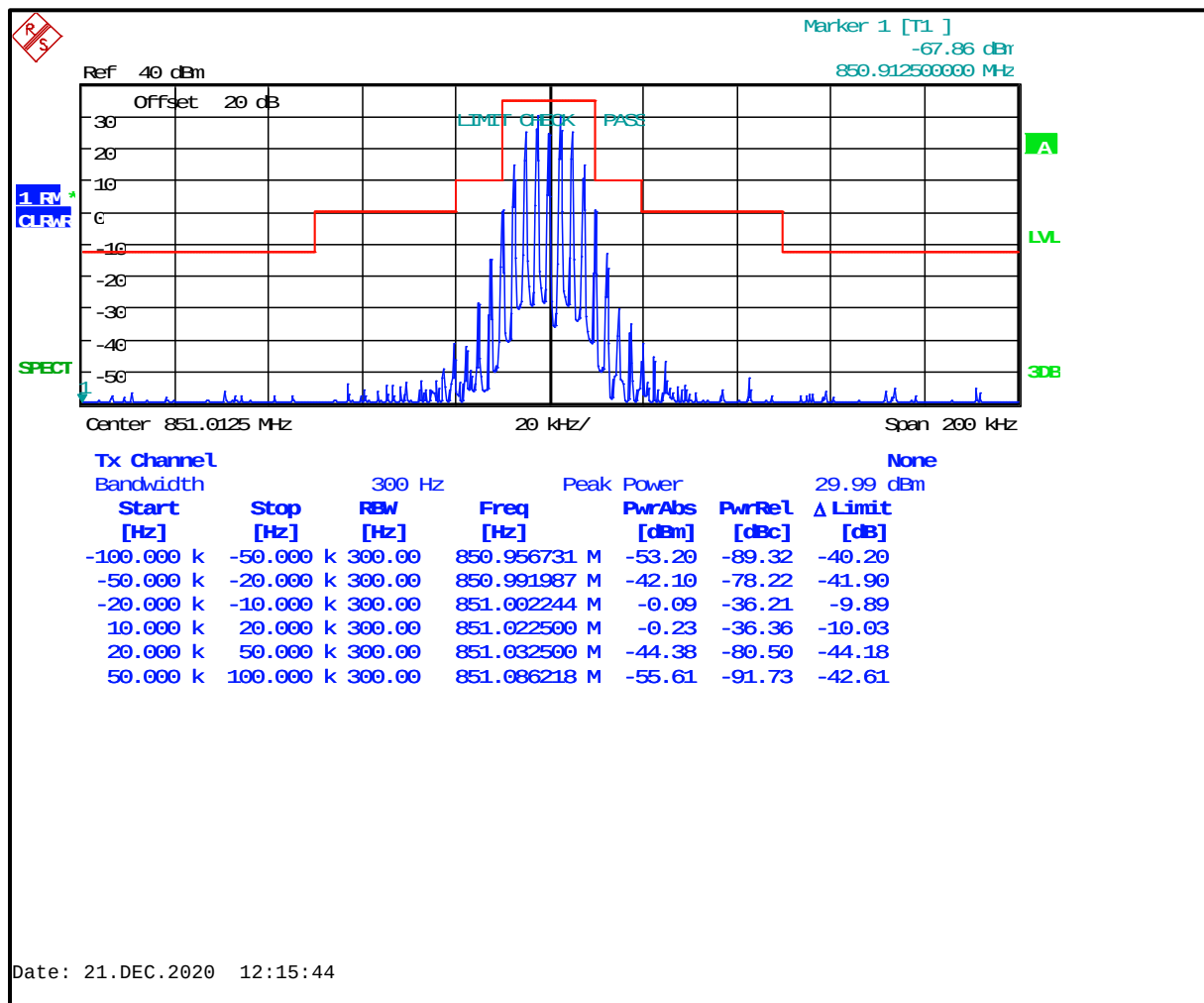
Plot 8-3: Occupied Bandwidth – 823.9875 MHz; WB Analog; Mask B



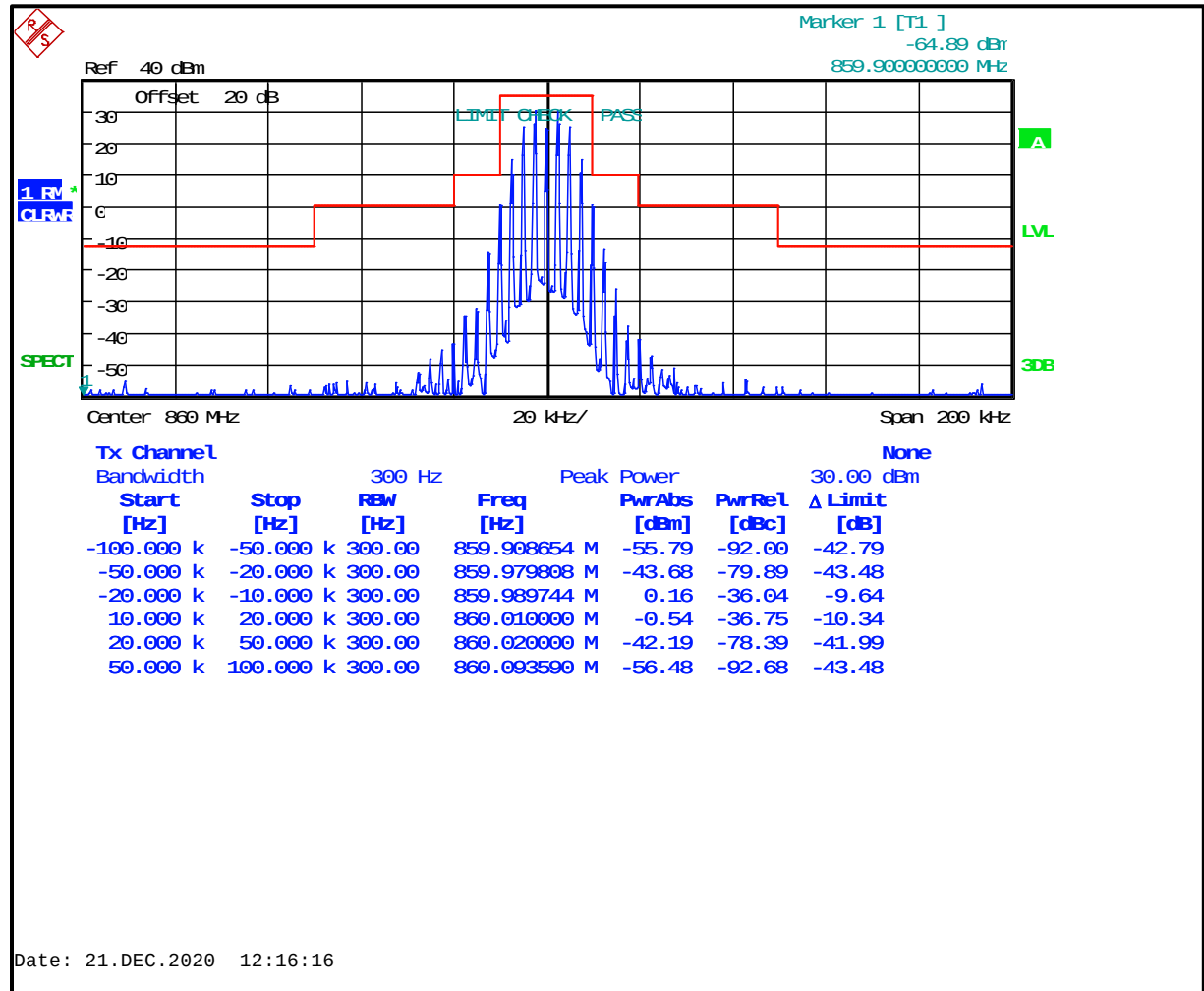
Plot 8-4: Occupied Bandwidth – 824.9875 MHz (EF); WB Analog; Mask B



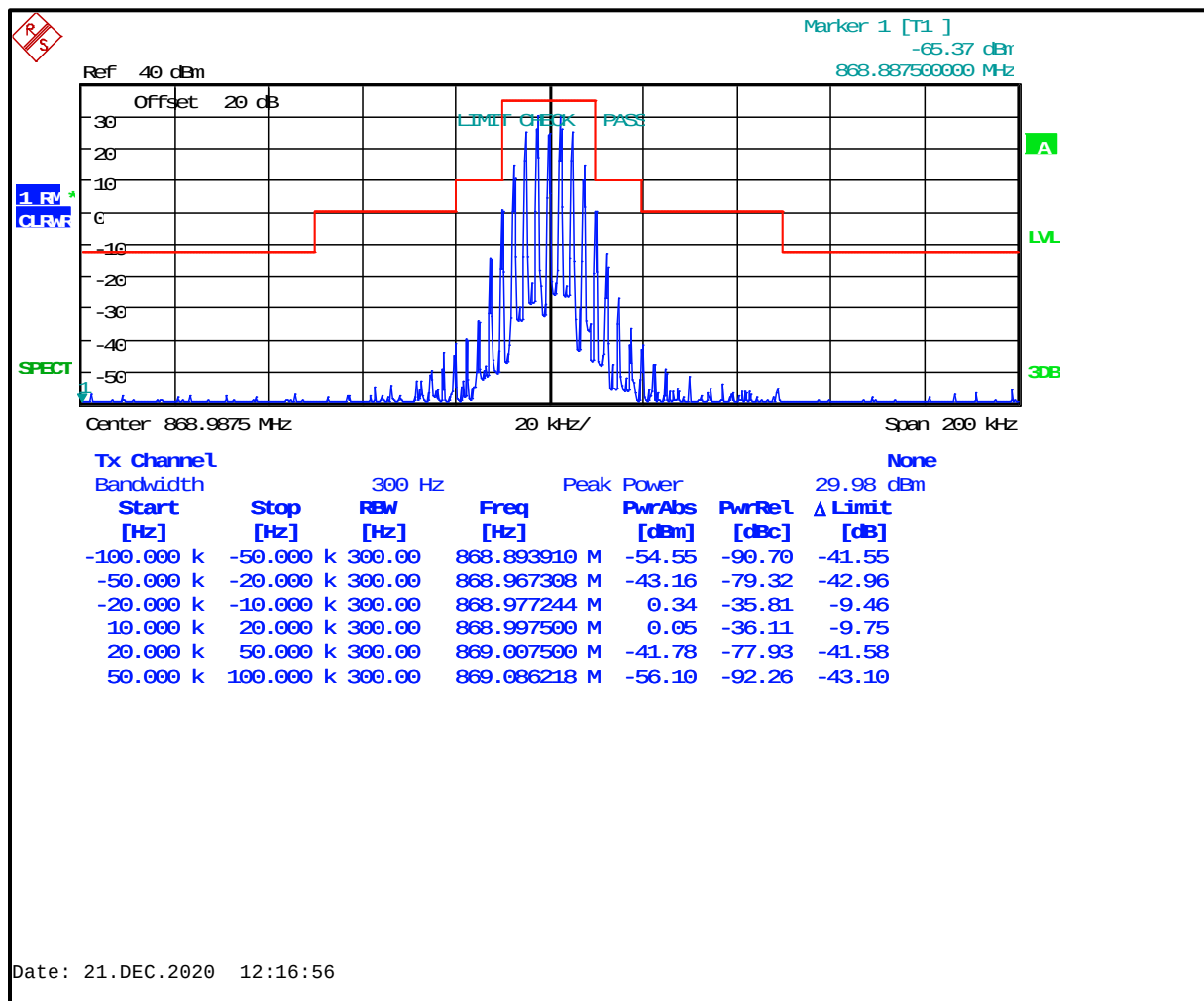
Plot 8-5: Occupied Bandwidth – 851.0125 MHz; WB Analog; Mask B



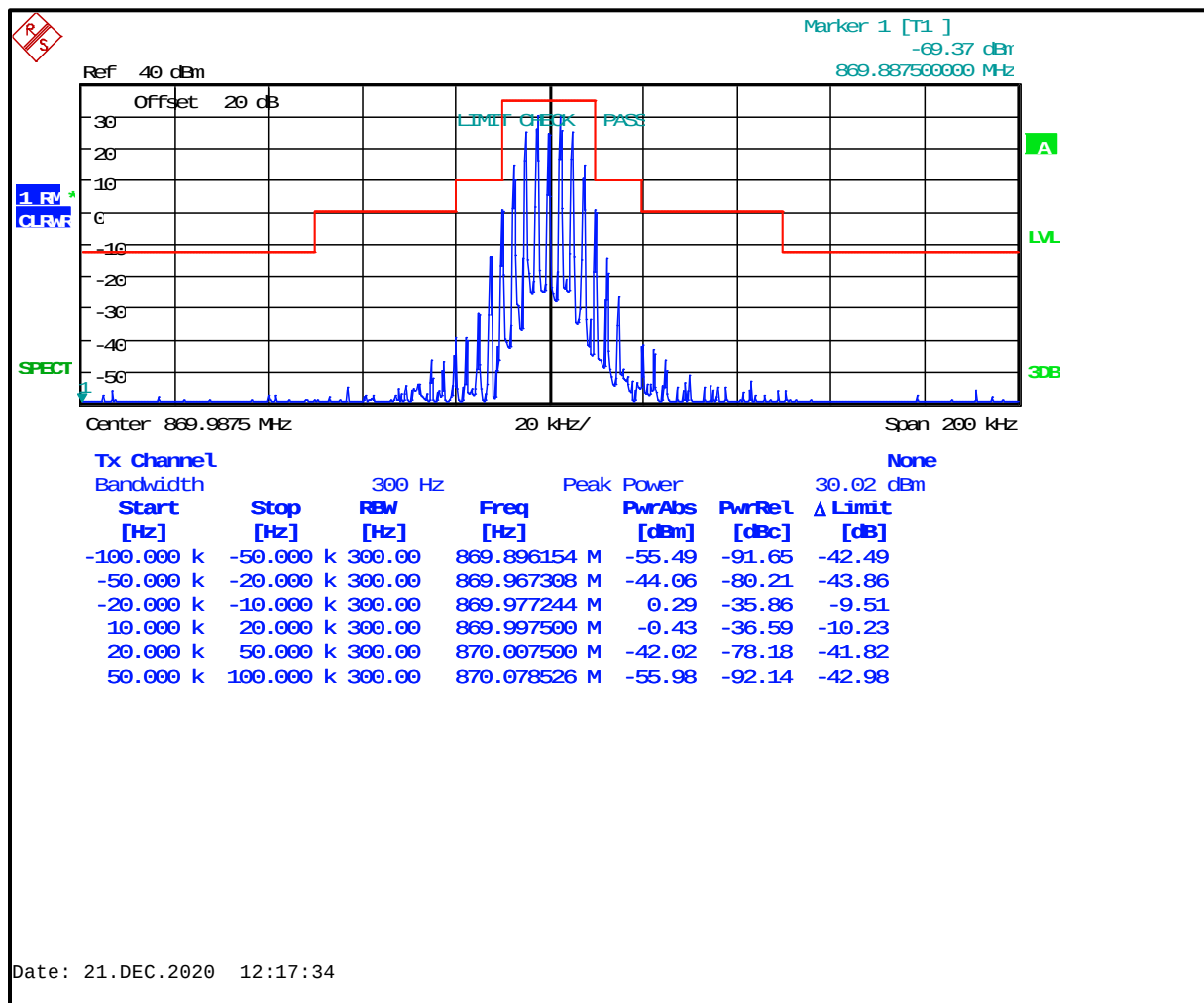
Plot 8-6: Occupied Bandwidth – 860.0000 MHz; WB Analog; Mask B



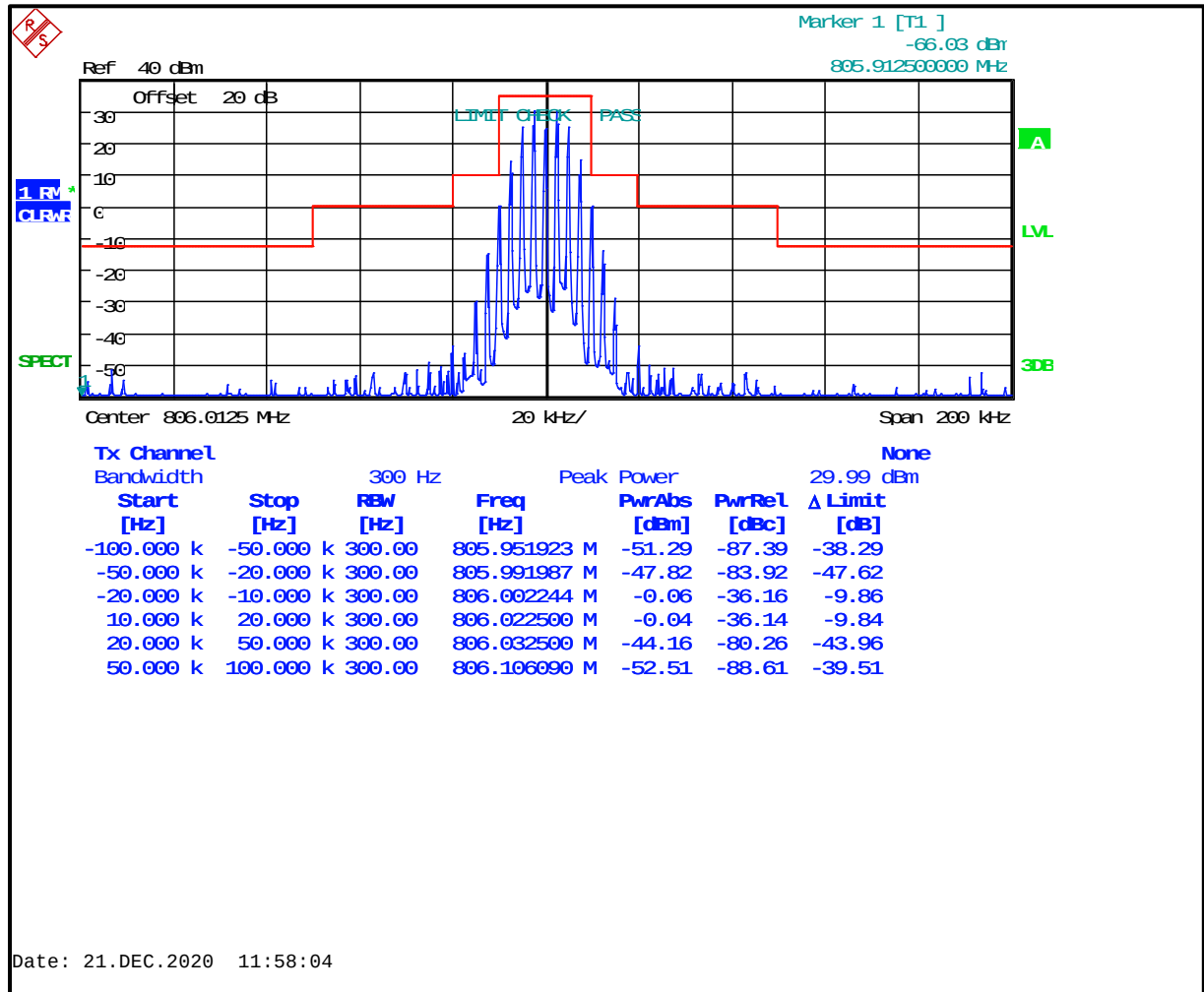
Plot 8-7: Occupied Bandwidth – 868.9875 MHz; WB Analog; Mask B



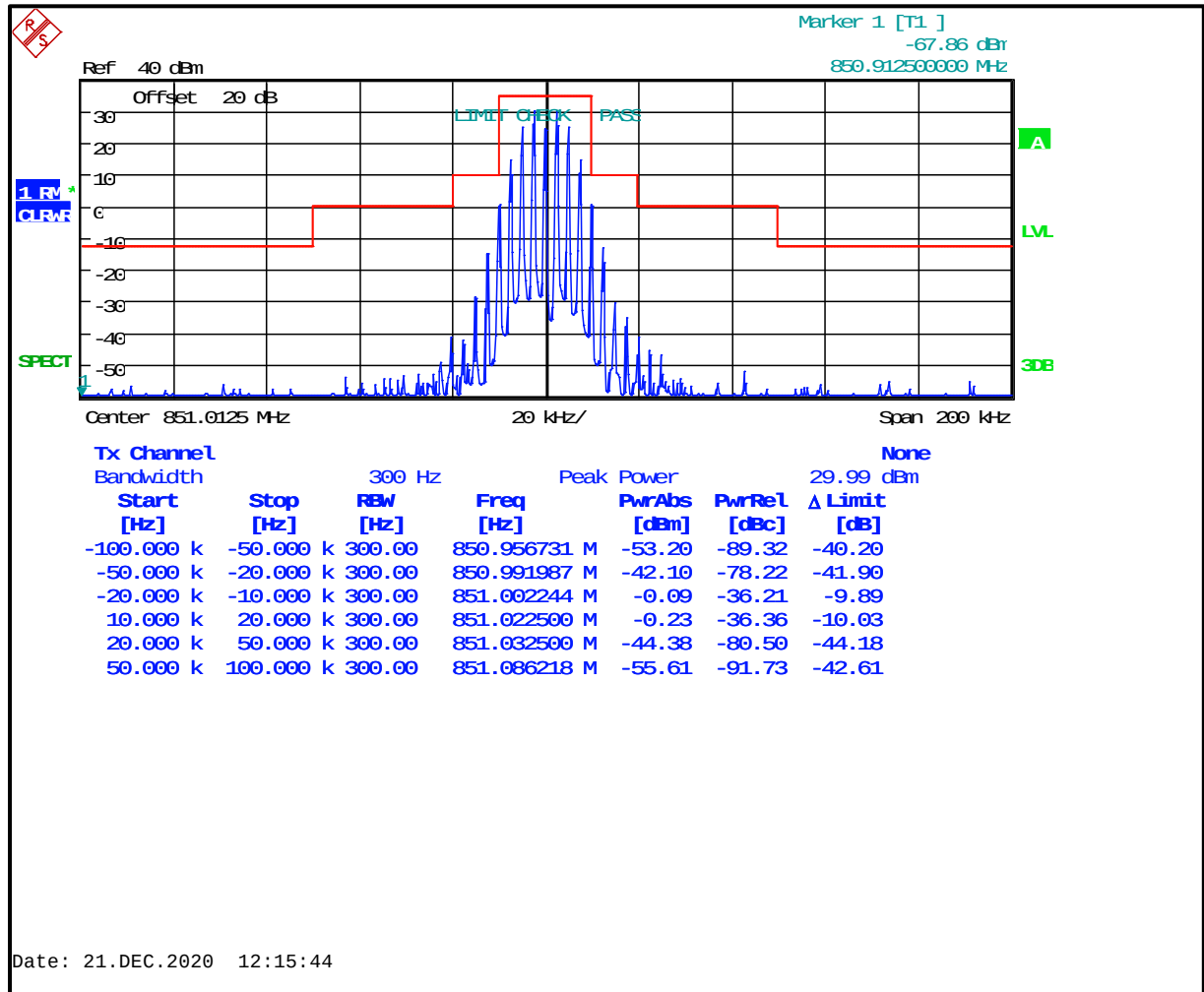
Plot 8-8: Occupied Bandwidth – 869.9875 MHz (EF); WB Analog; Mask B



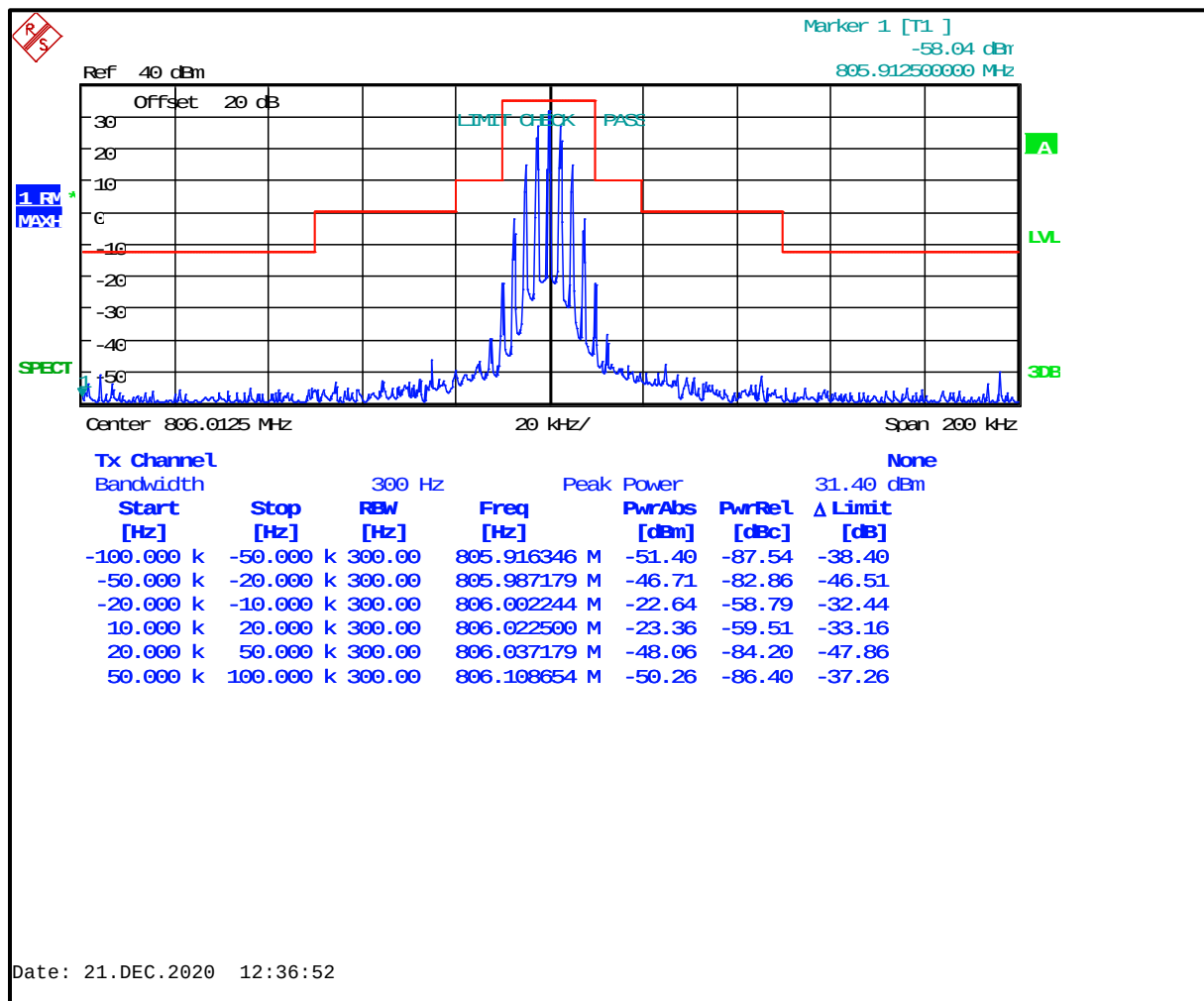
Plot 8-9: Occupied Bandwidth – 806.0125 MHz; NPSPAC Analog; Mask B



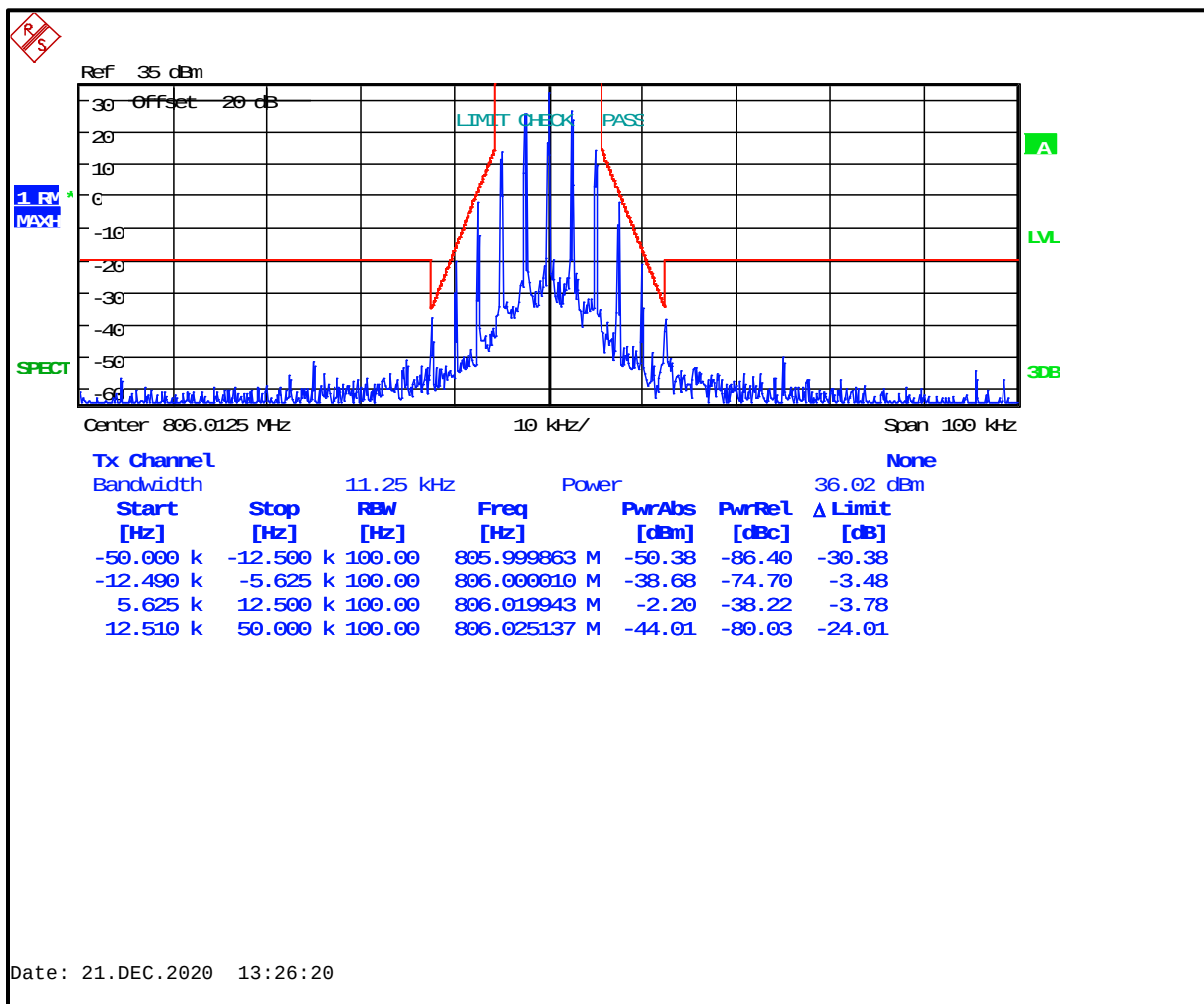
Plot 8-10: Occupied Bandwidth – 851.0125 MHz; NPSPAC Analog; Mask B



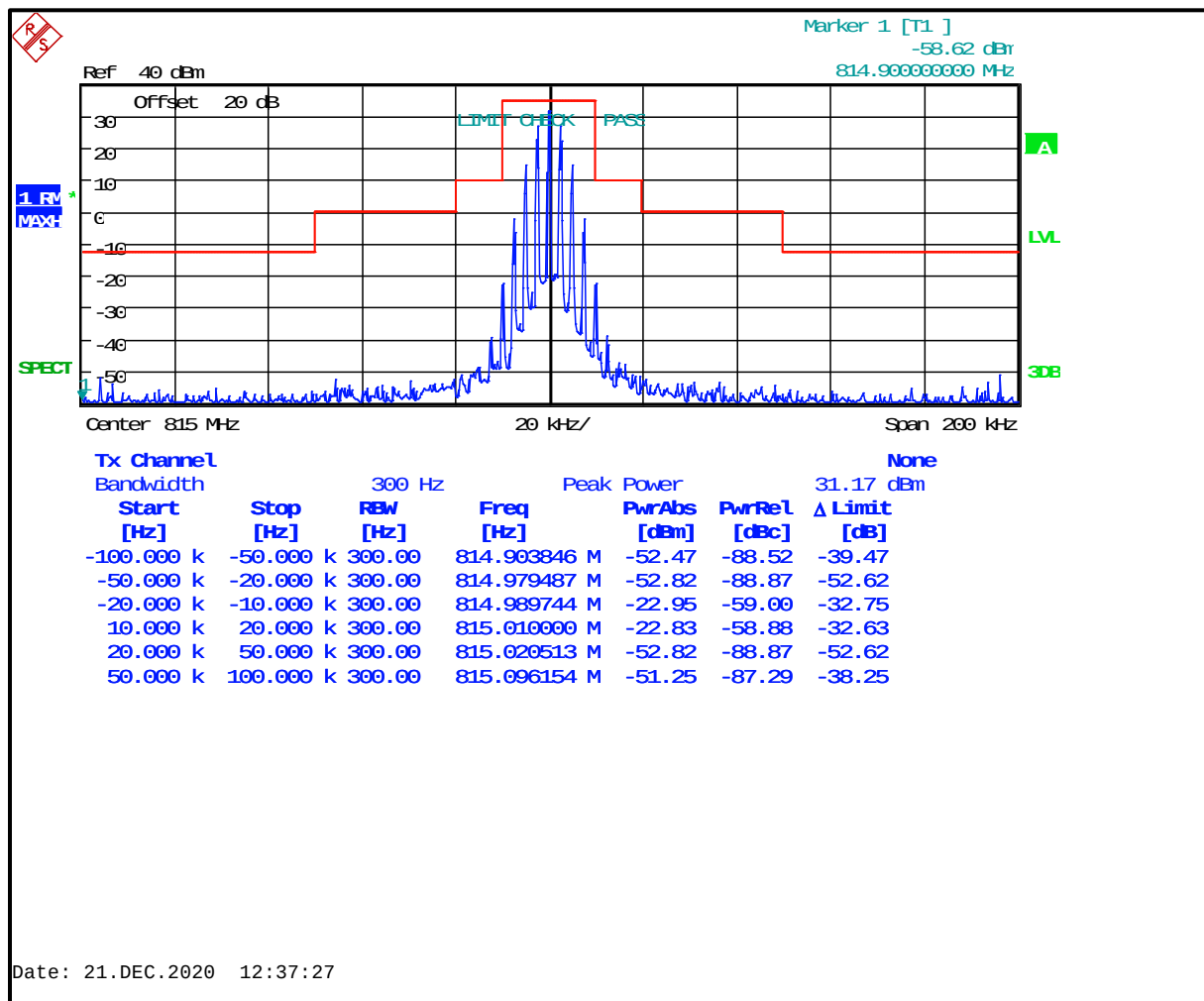
Plot 8-11: Occupied Bandwidth – 806.0125 MHz; NB Analog; Mask B



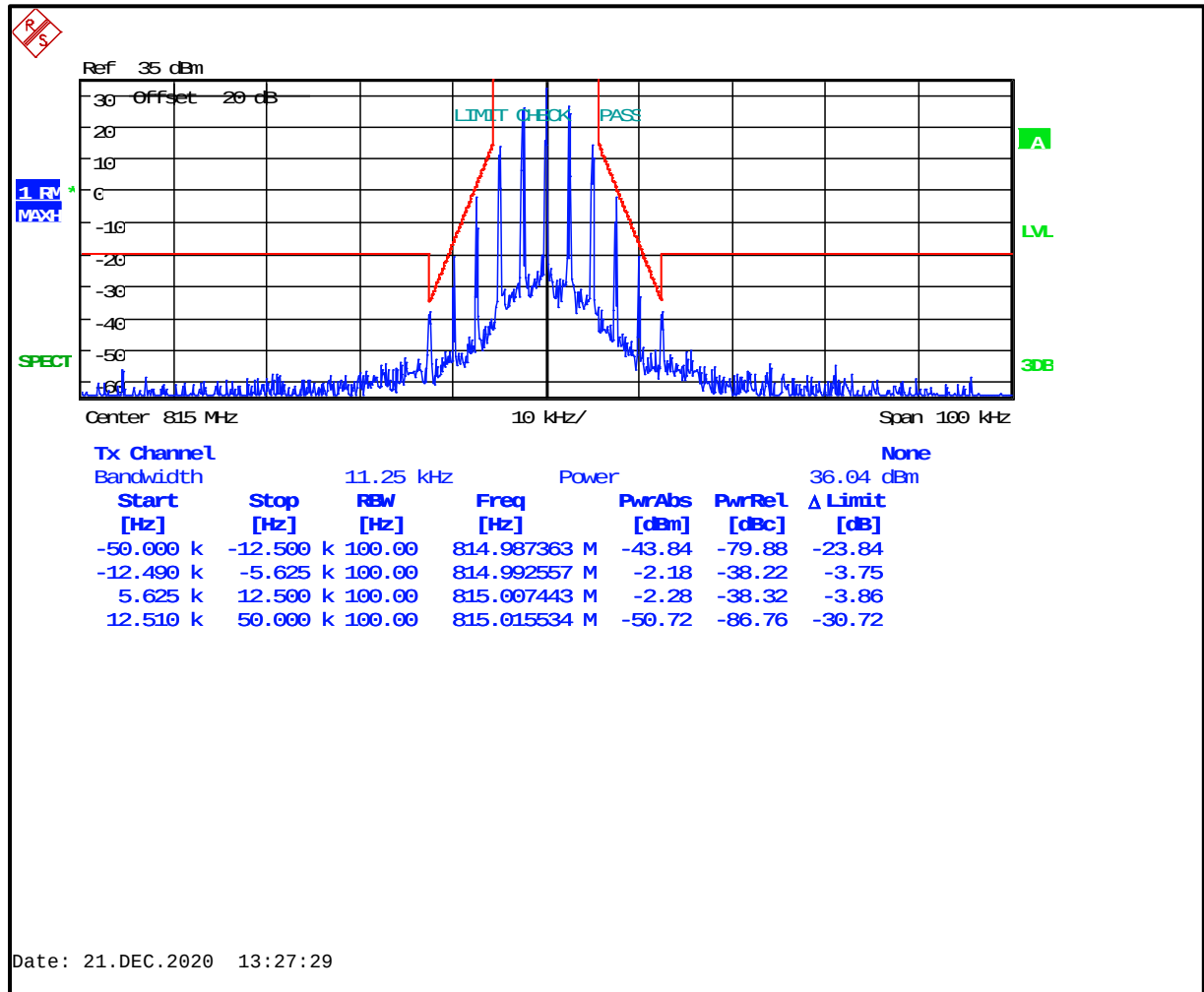
Plot 8-12: Occupied Bandwidth – 806.0125 MHz; NB Analog; Mask D (ISED)



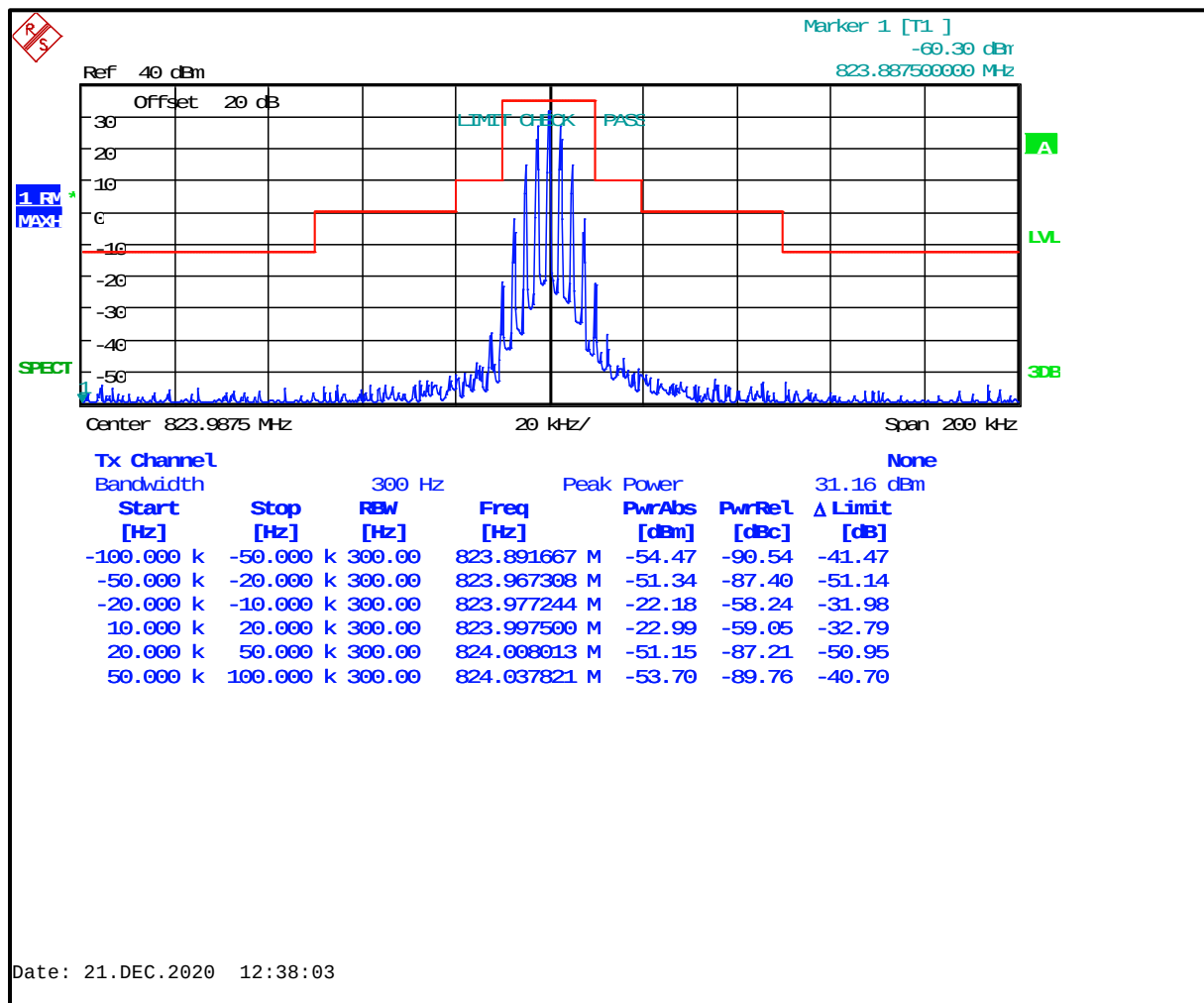
Plot 8-13: Occupied Bandwidth – 815.0000 MHz; NB Analog; Mask B



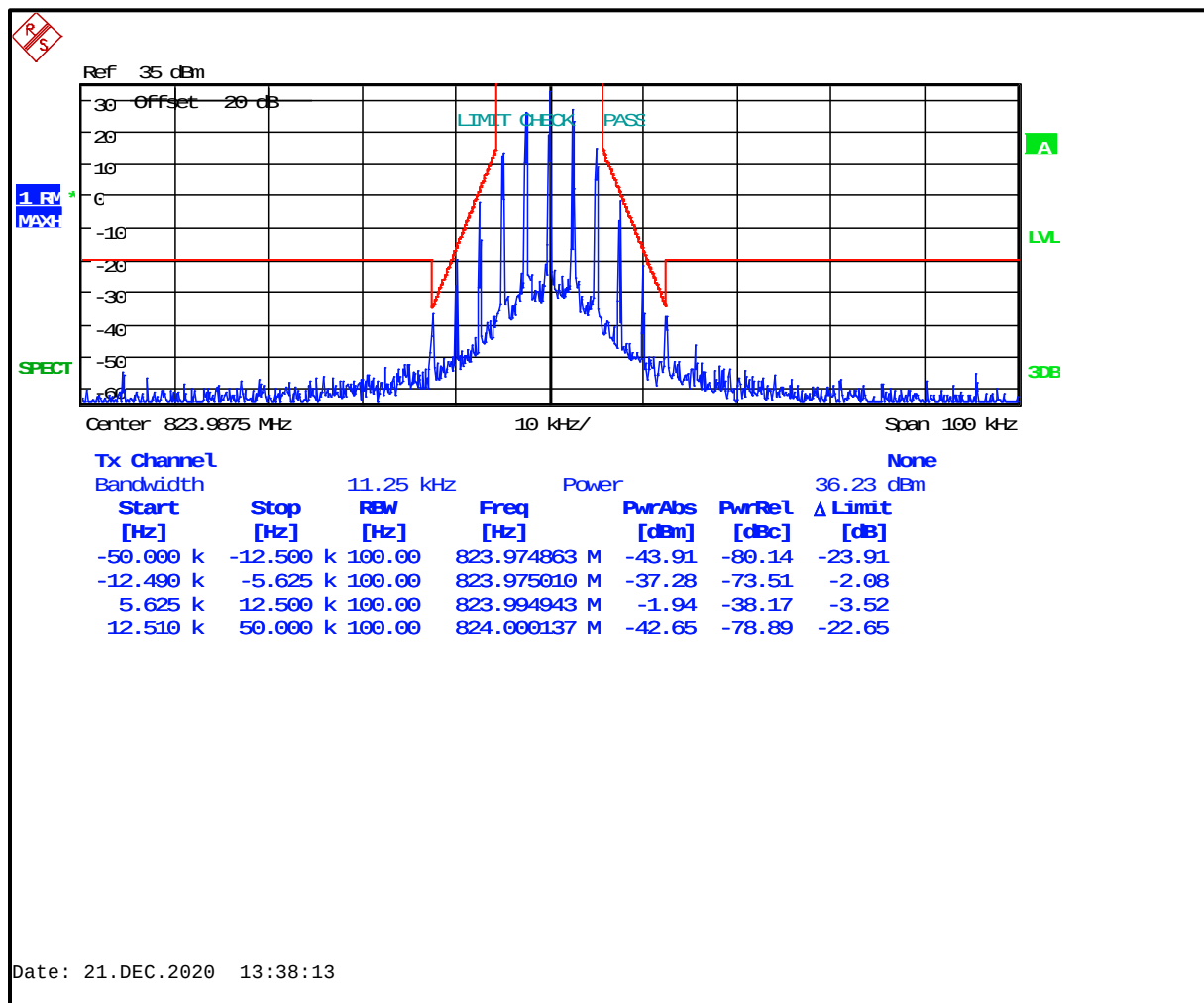
Plot 8-14: Occupied Bandwidth – 815.0000 MHz; NB Analog; Mask D (ISED)



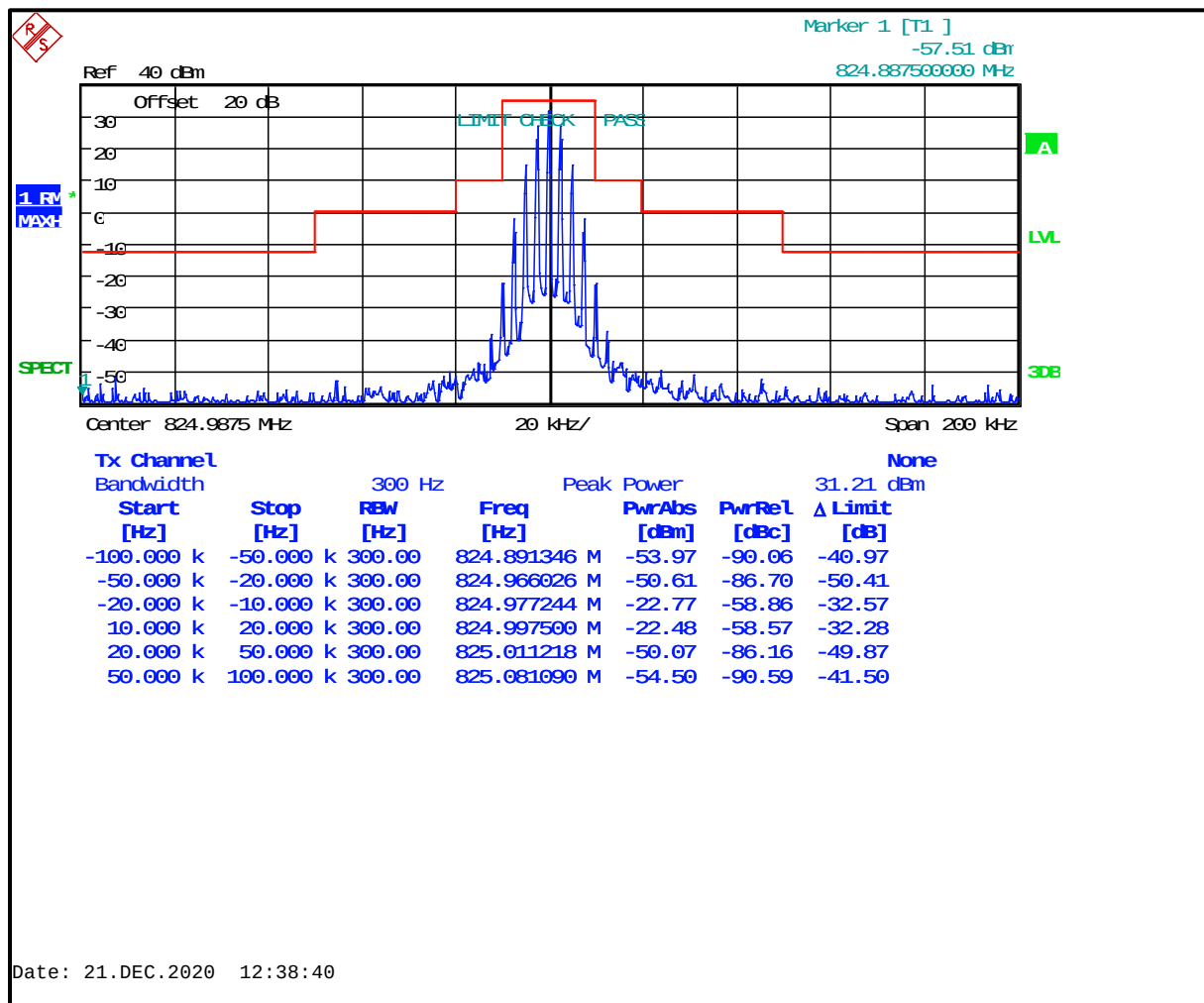
Plot 8-15: Occupied Bandwidth – 823.9875 MHz; NB Analog; Mask B



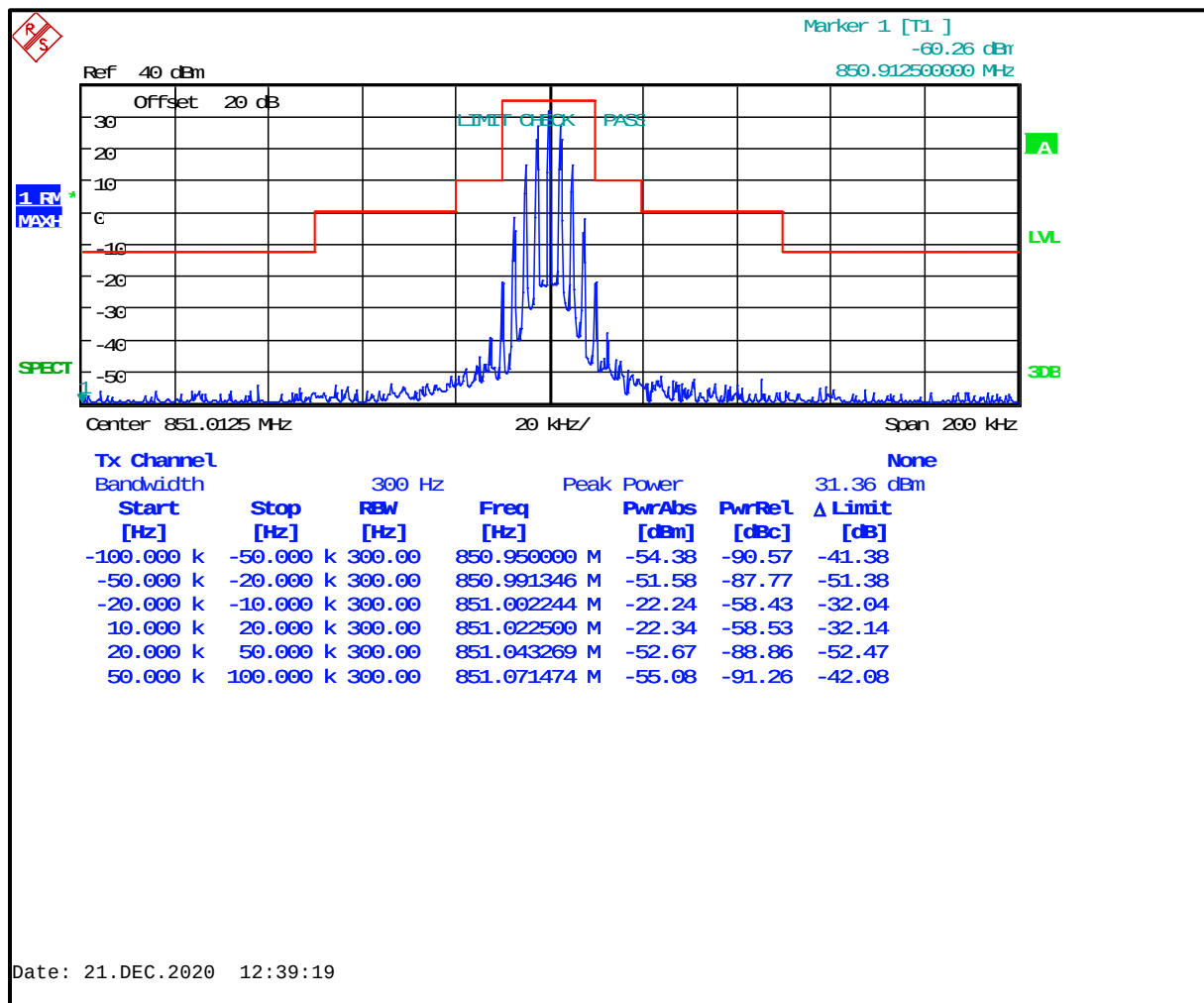
Plot 8-16: Occupied Bandwidth – 823.9875 MHz; NB Analog; Mask D (ISED)



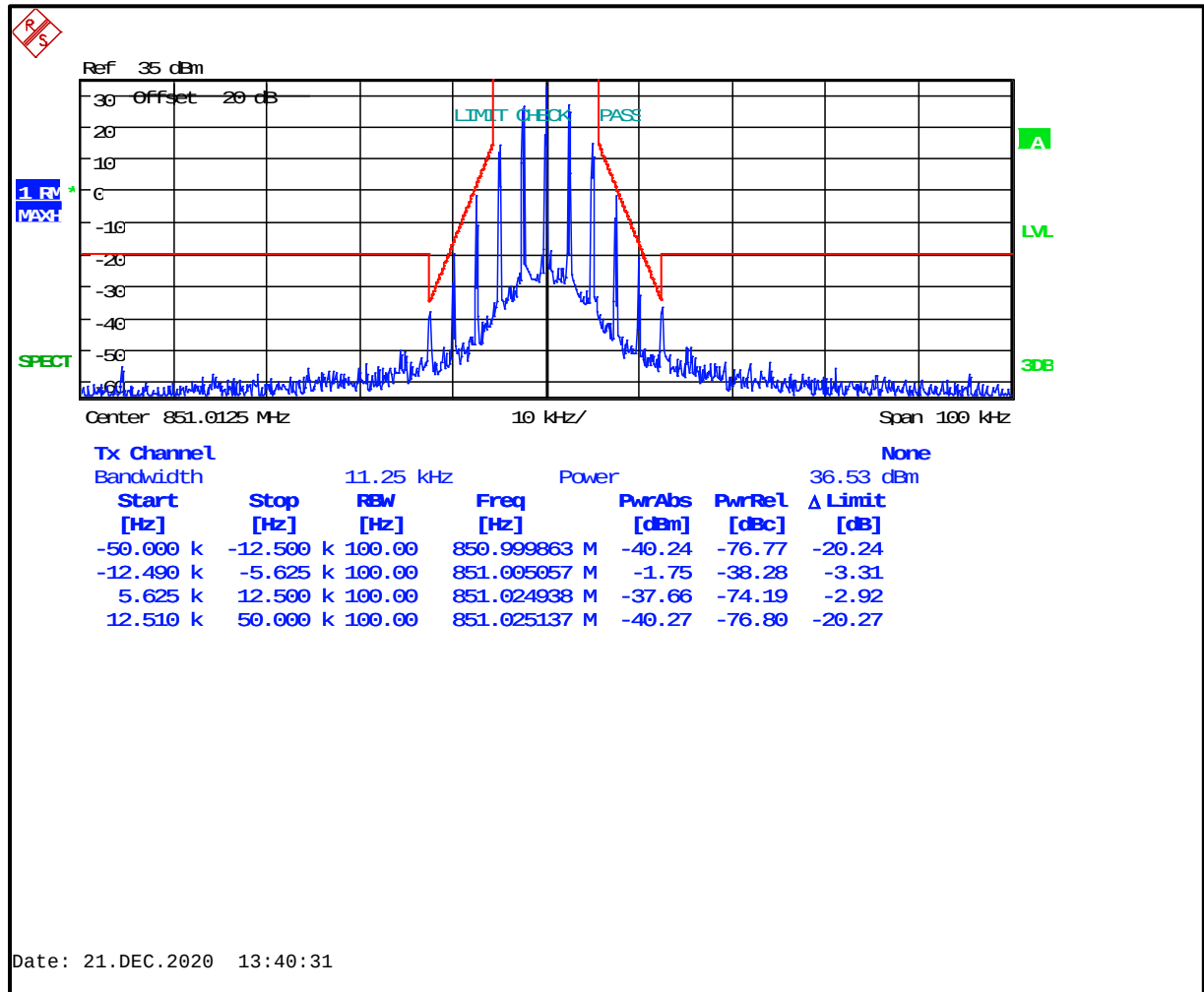
Plot 8-17: Occupied Bandwidth – 824.9875 MHz (EF); NB Analog; Mask B



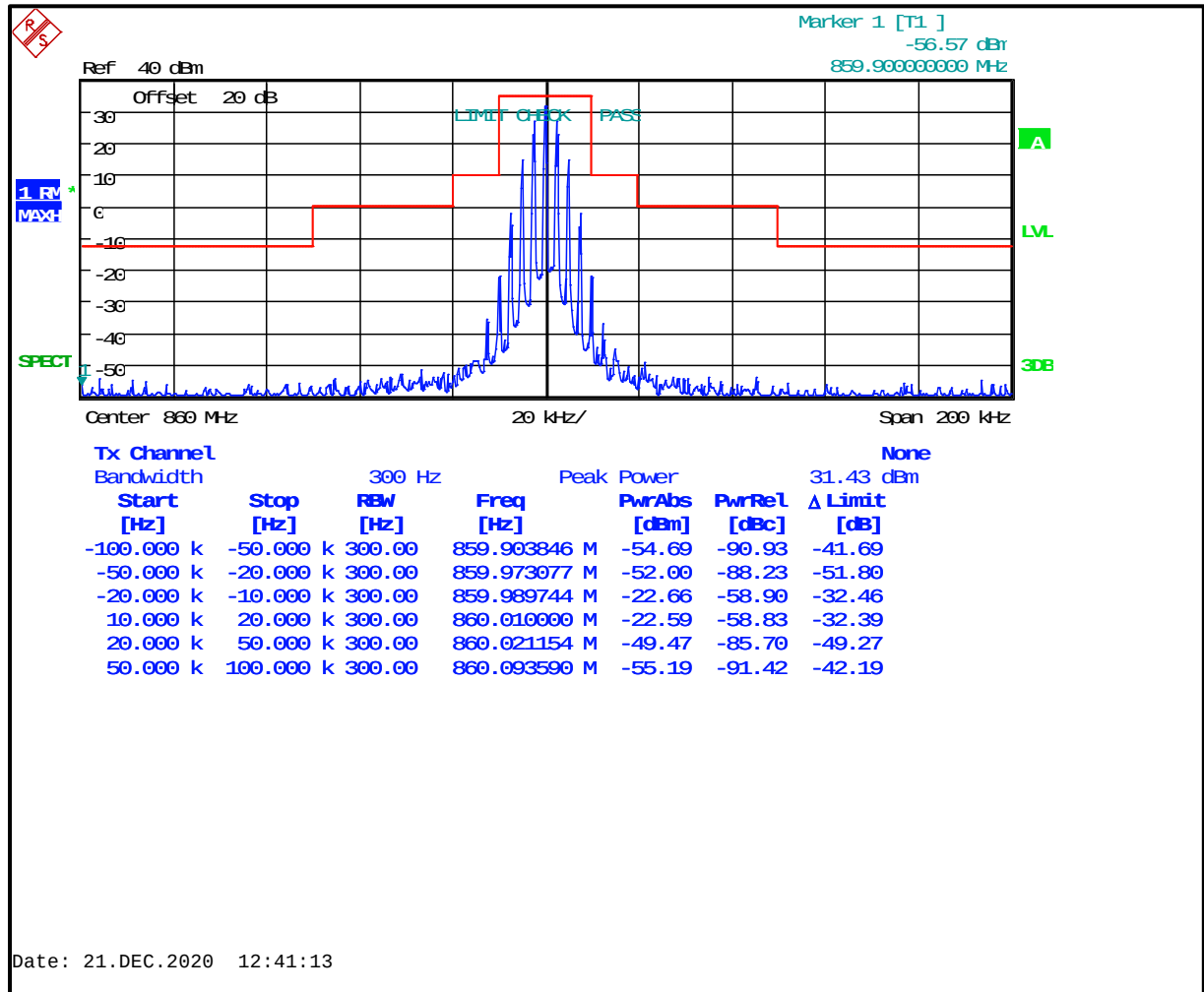
Plot 8-18: Occupied Bandwidth – 851.0125 MHz; NB Analog; Mask B



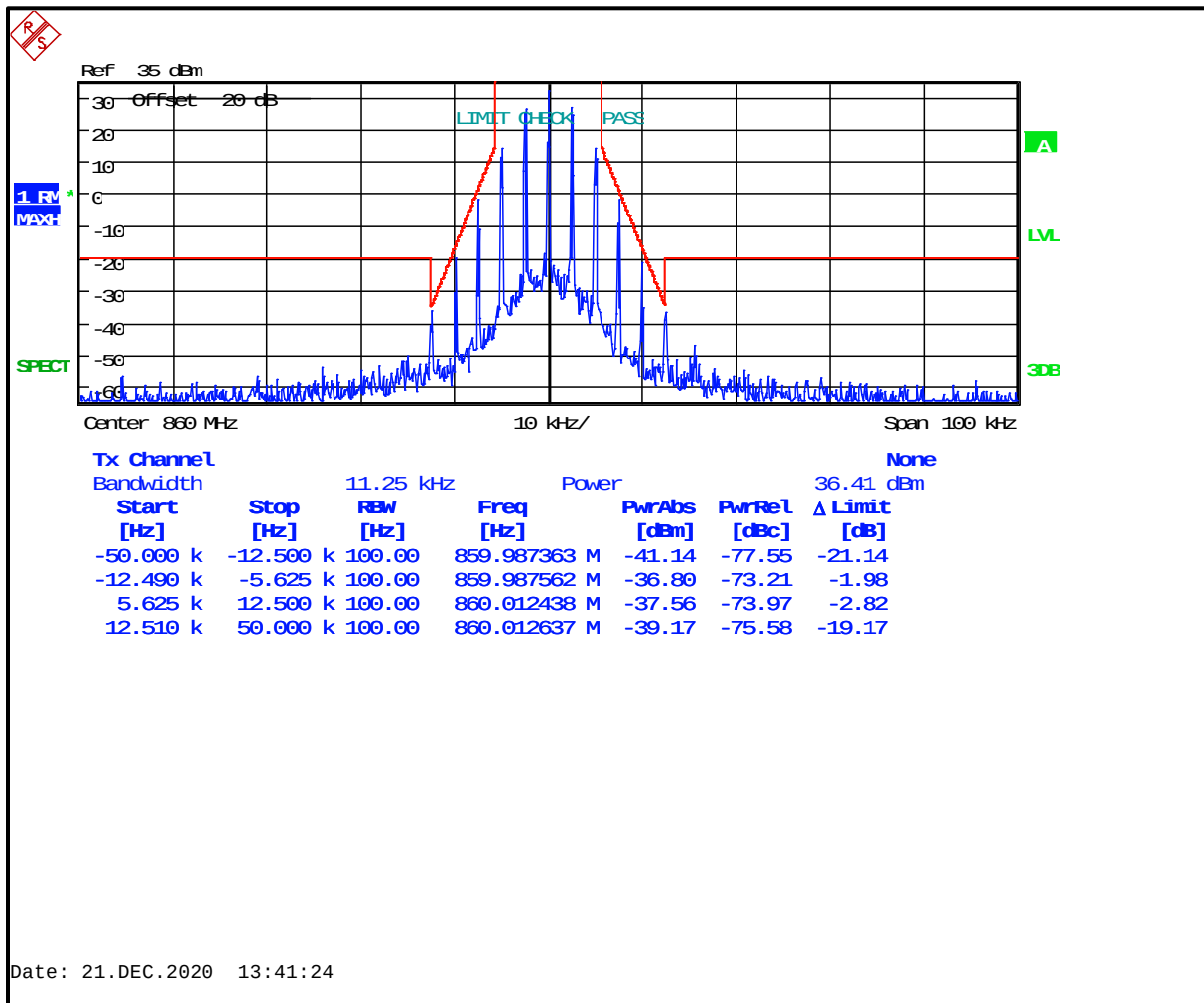
Plot 8-19: Occupied Bandwidth – 851.0125 MHz; NB Analog; Mask D (ISED)



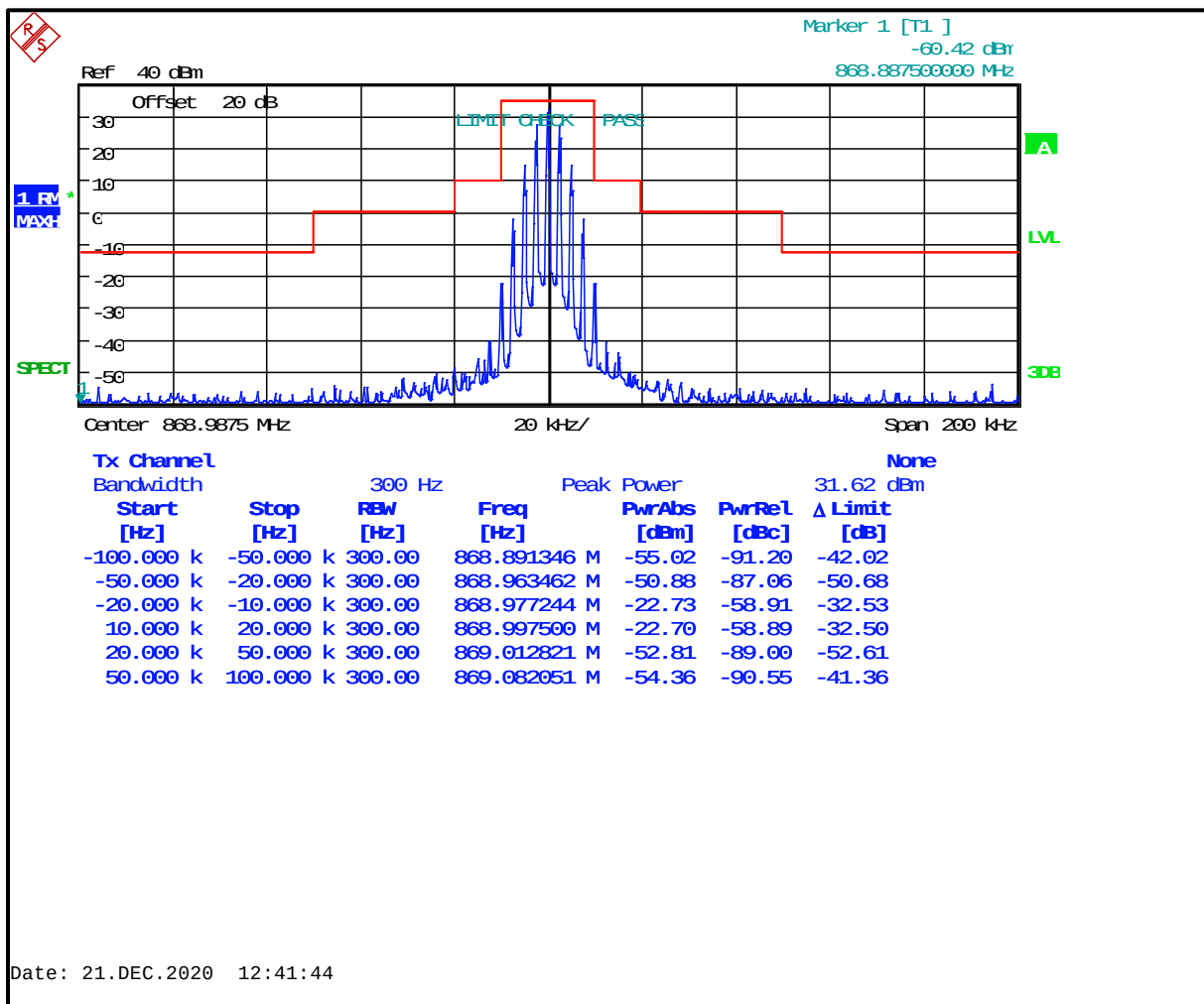
Plot 8-20: Occupied Bandwidth – 860.0000 MHz; NB Analog; Mask B



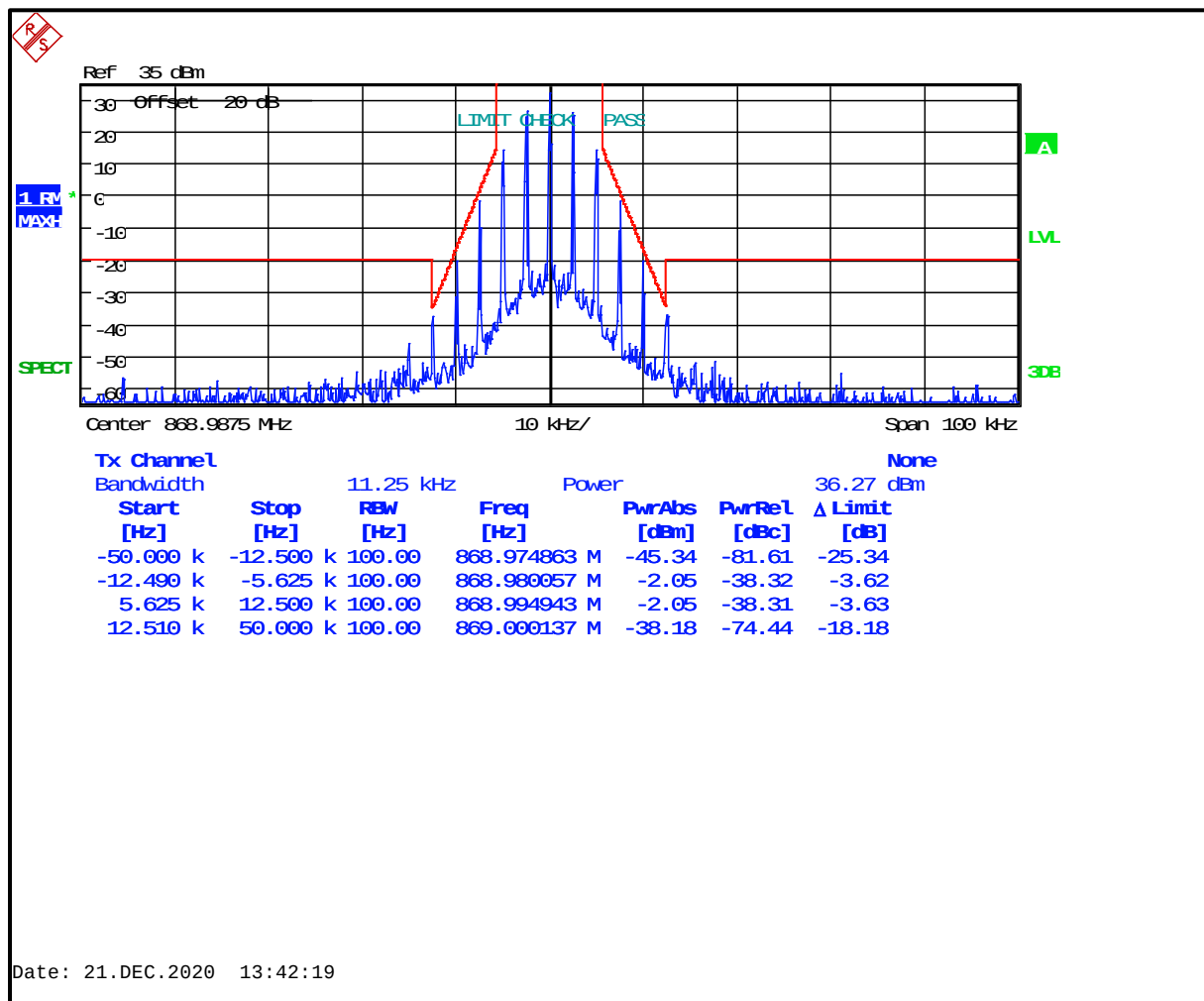
Plot 8-21: Occupied Bandwidth – 860.0000 MHz; NB Analog; Mask D (ISED)



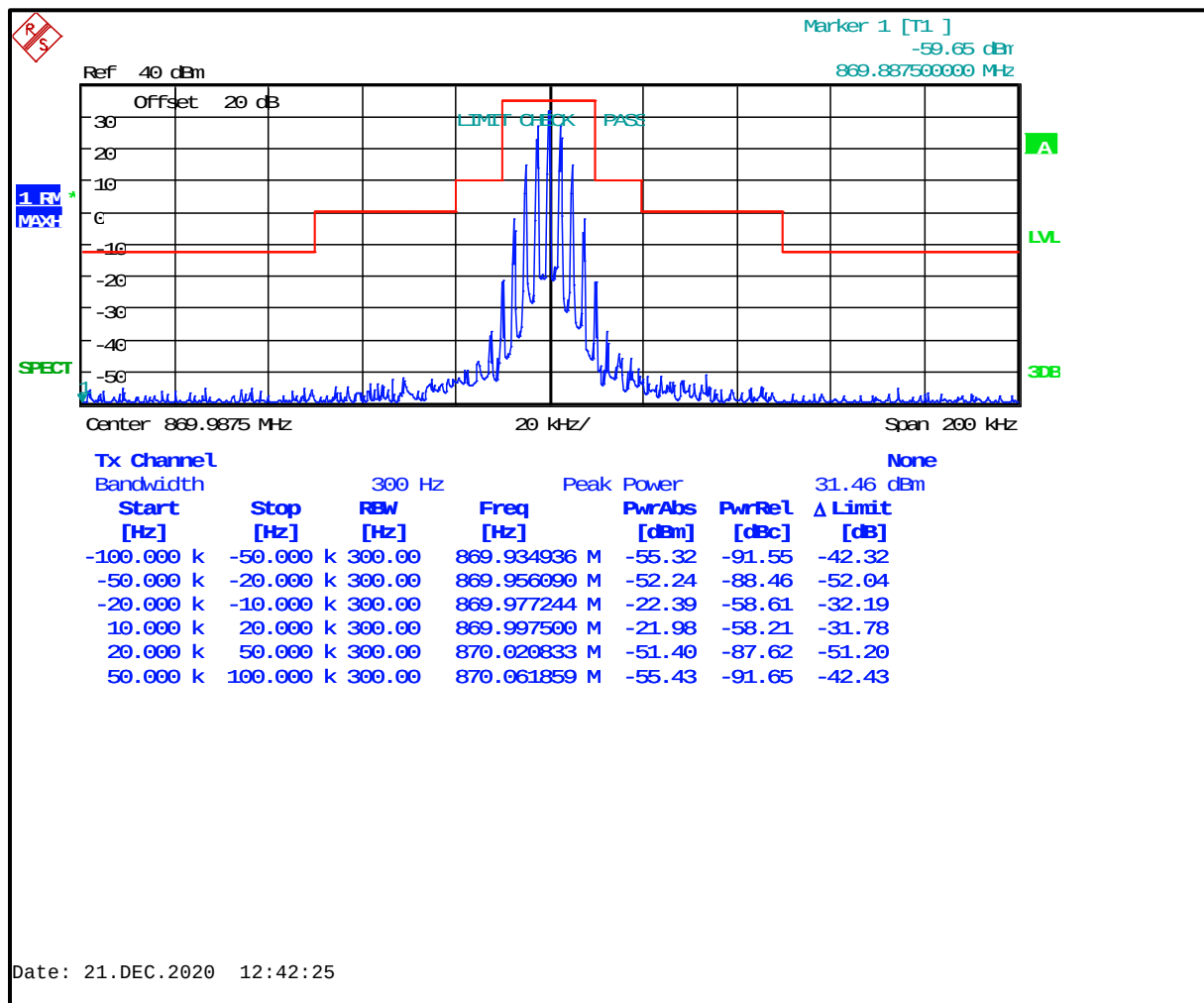
Plot 8-22: Occupied Bandwidth – 868.9875 MHz; NB Analog; Mask B



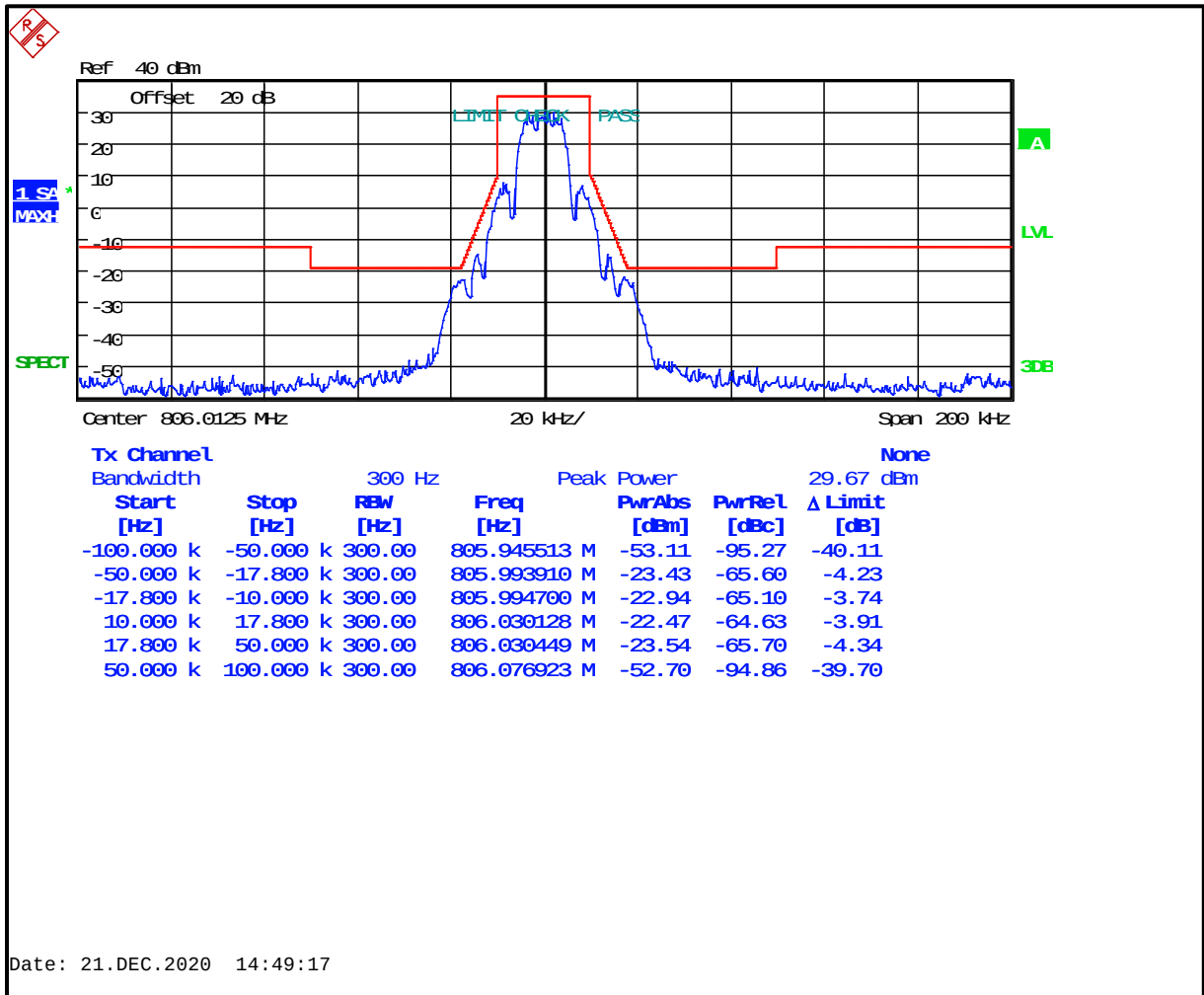
Plot 8-23: Occupied Bandwidth – 868.9875 MHz; NB Analog; Mask D (ISED)



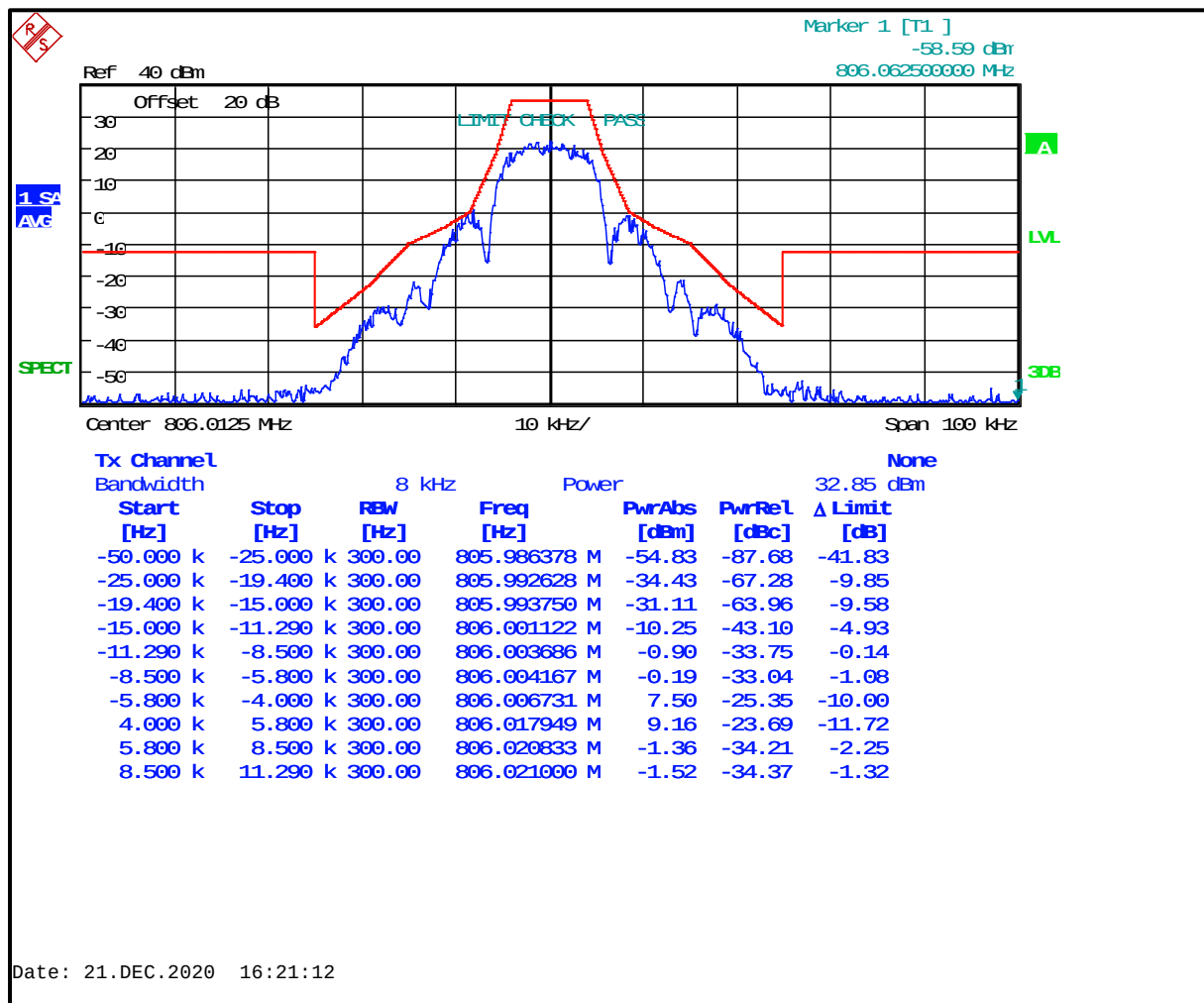
Plot 8-24: Occupied Bandwidth – 869.9875 MHz (EF); NB Analog; Mask B



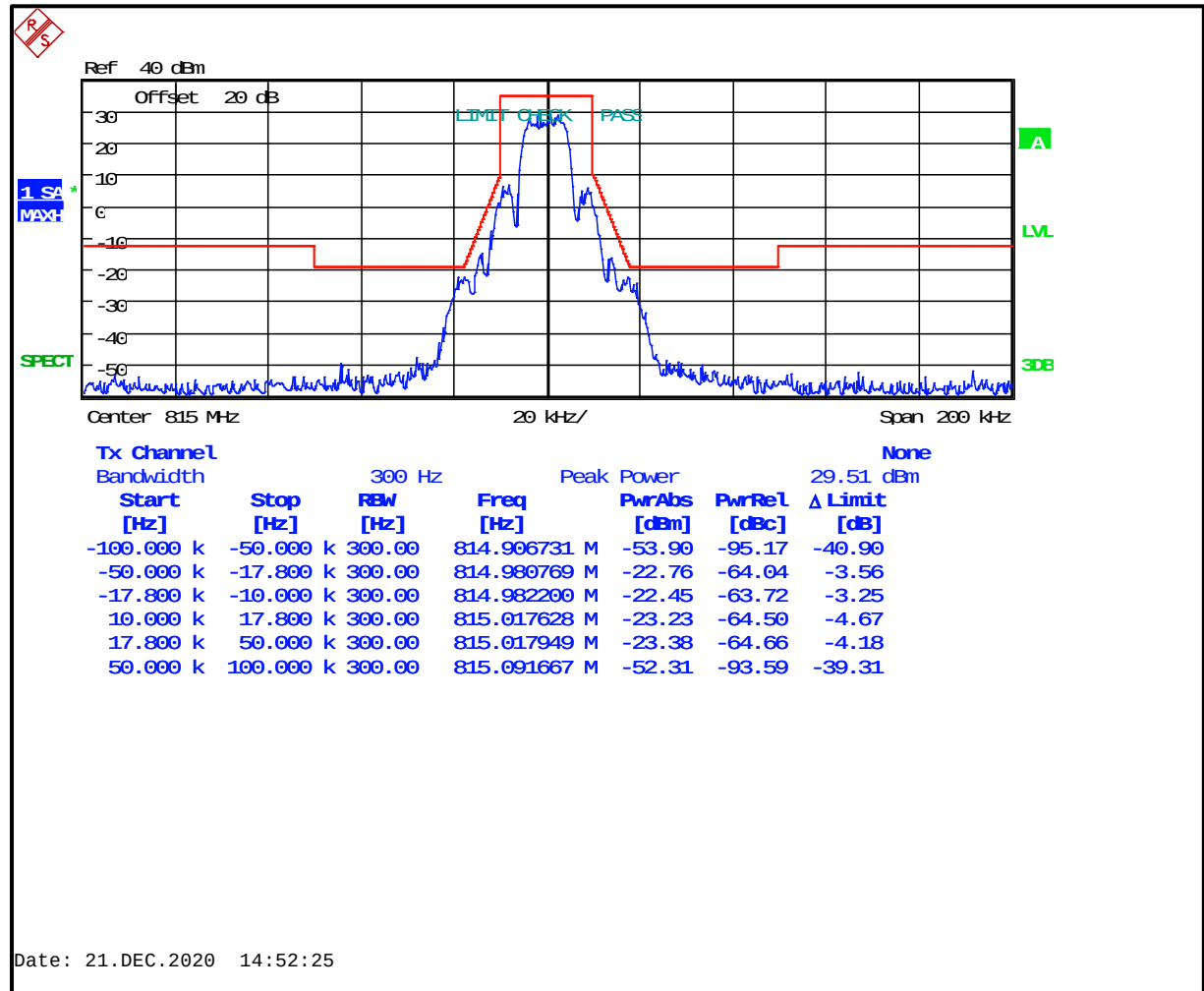
Plot 8-25: Occupied Bandwidth – 806.0125 MHz; WB 2-level FSK 9600; Mask G (ISED)



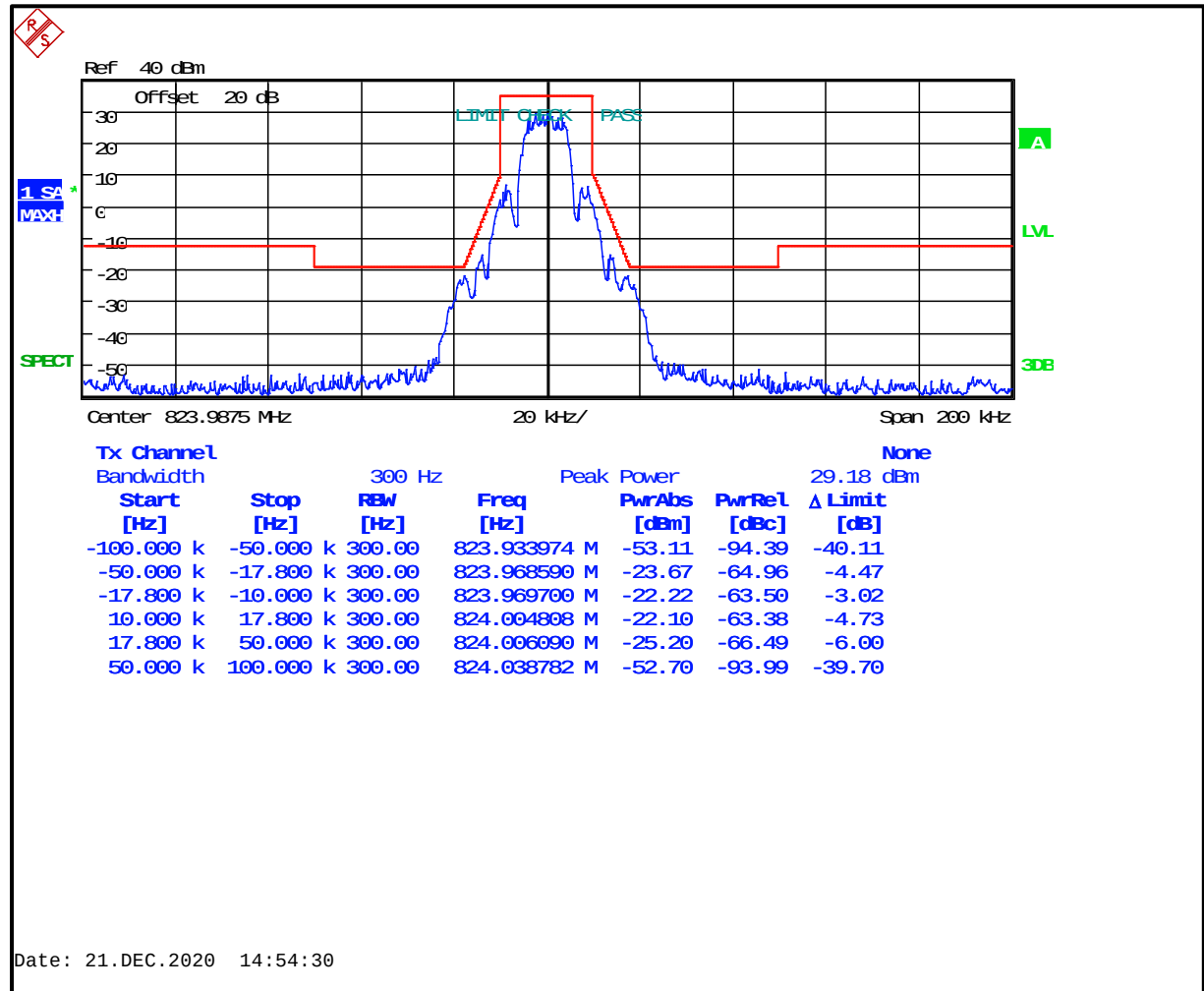
Plot 8-26: Occupied Bandwidth – 806.0125 MHz; WB 2-level FSK 9600; Mask H



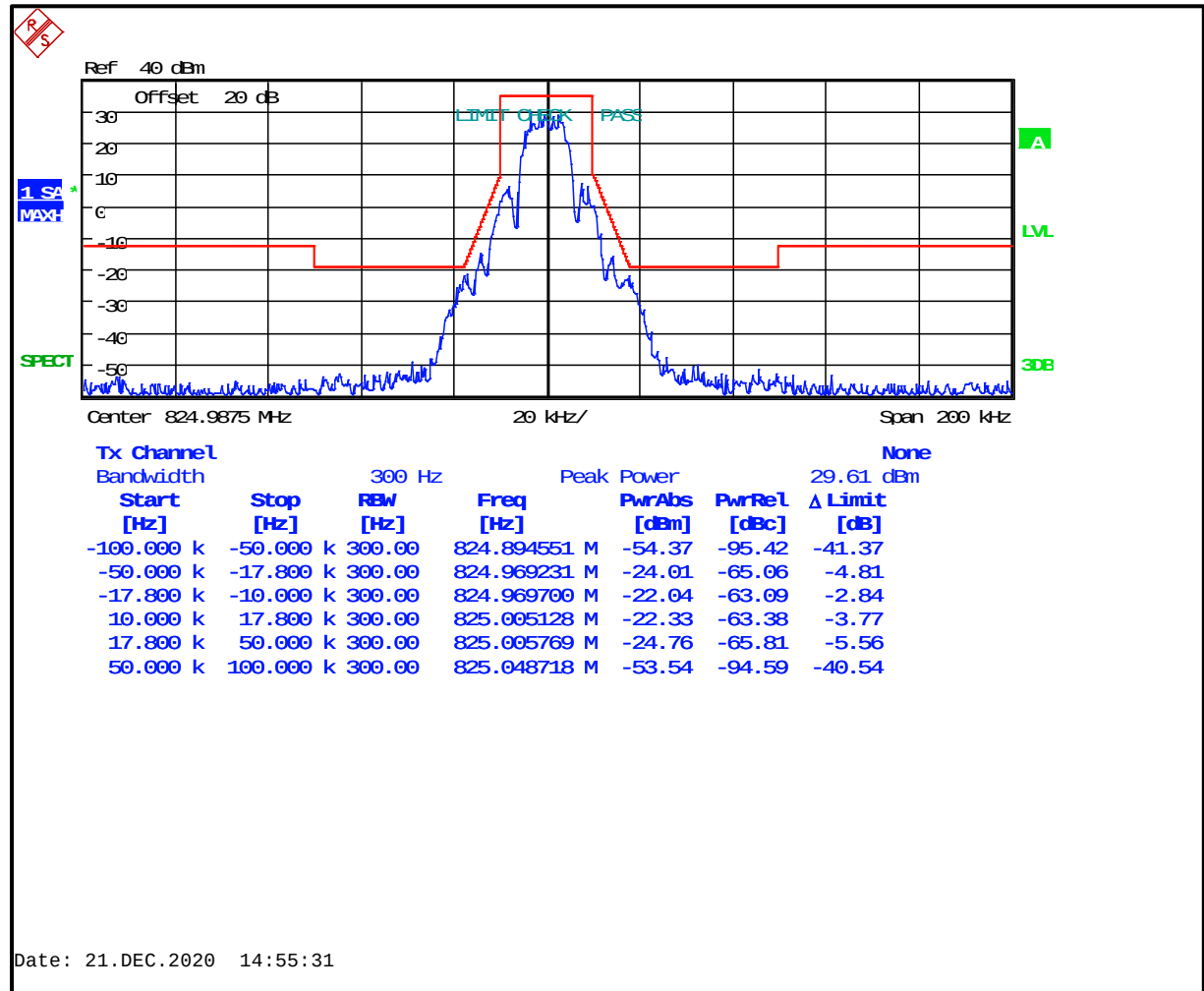
Plot 8-27: Occupied Bandwidth – 815.0000 MHz; WB 2-level FSK 9600; Mask G



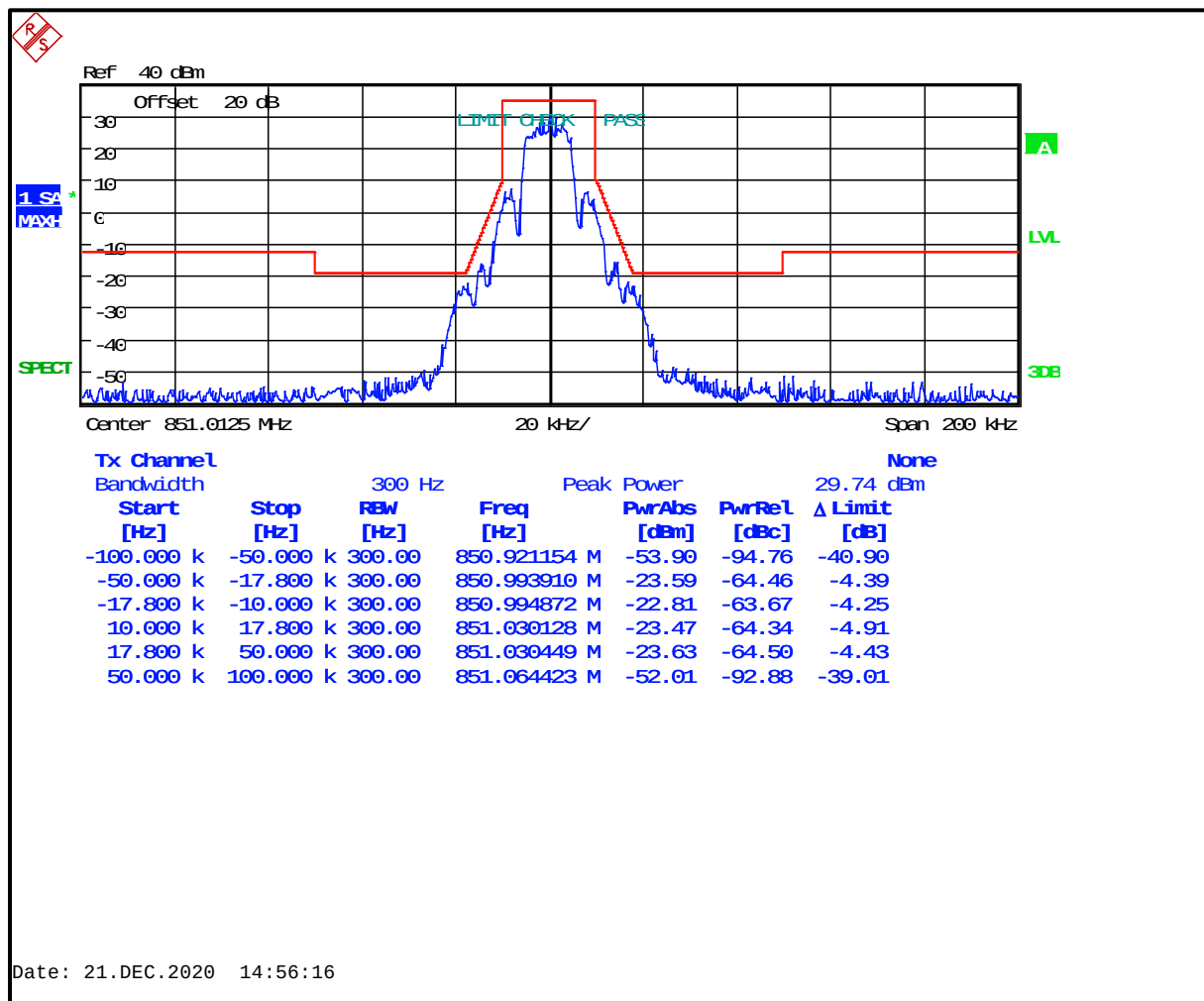
Plot 8-28: Occupied Bandwidth – 823.0125 MHz; WB 2-level FSK 9600; Mask G



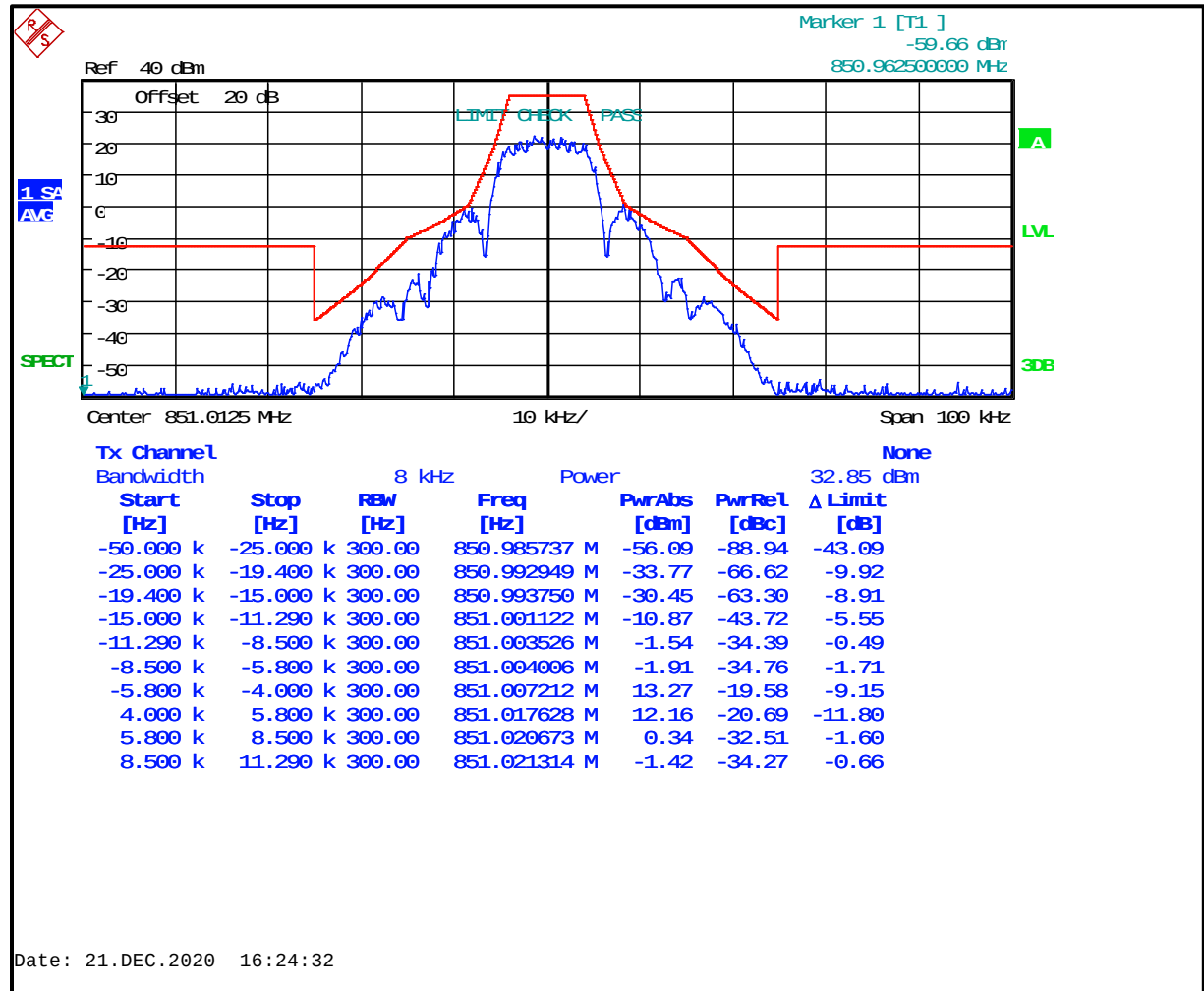
Plot 8-29: Occupied Bandwidth – 824.9875 MHz 9 (EF); WB 2-level FSK 9600; Mask G



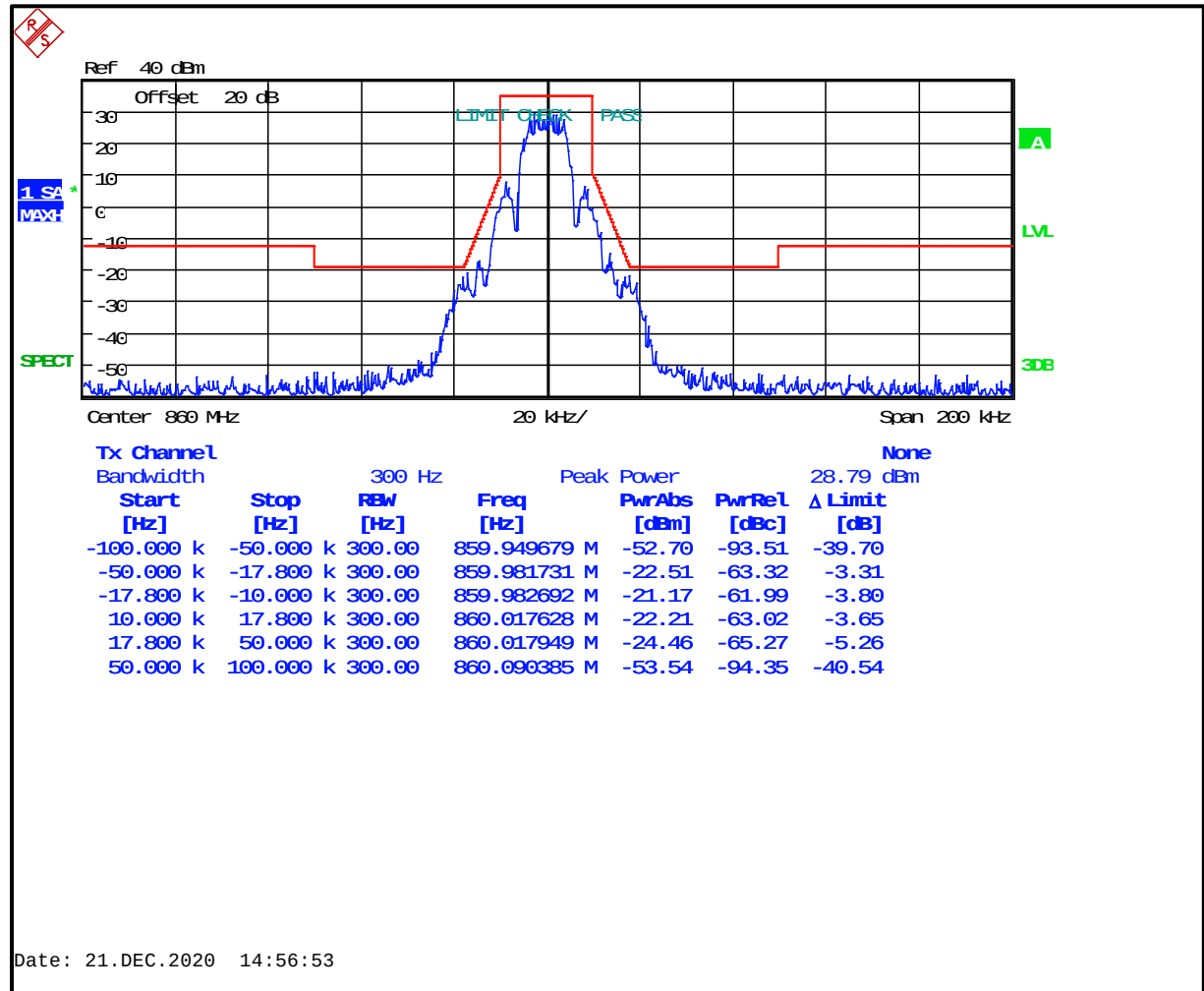
Plot 8-30: Occupied Bandwidth – 851.0125 MHz; WB 2-level FSK 9600; Mask G (ISED)



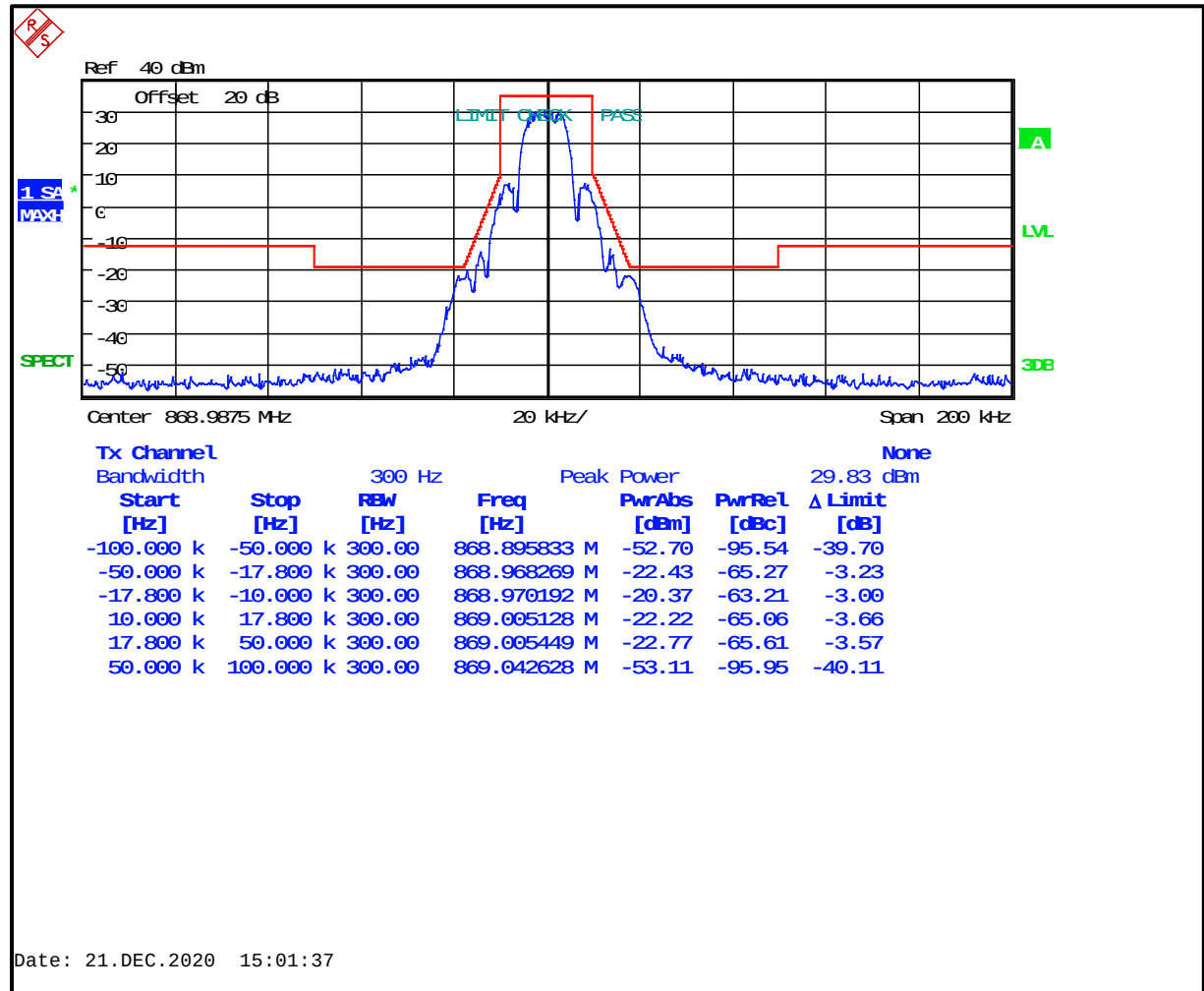
Plot 8-31: Occupied Bandwidth – 851.0125 MHz; WB 2-level FSK 9600; Mask H



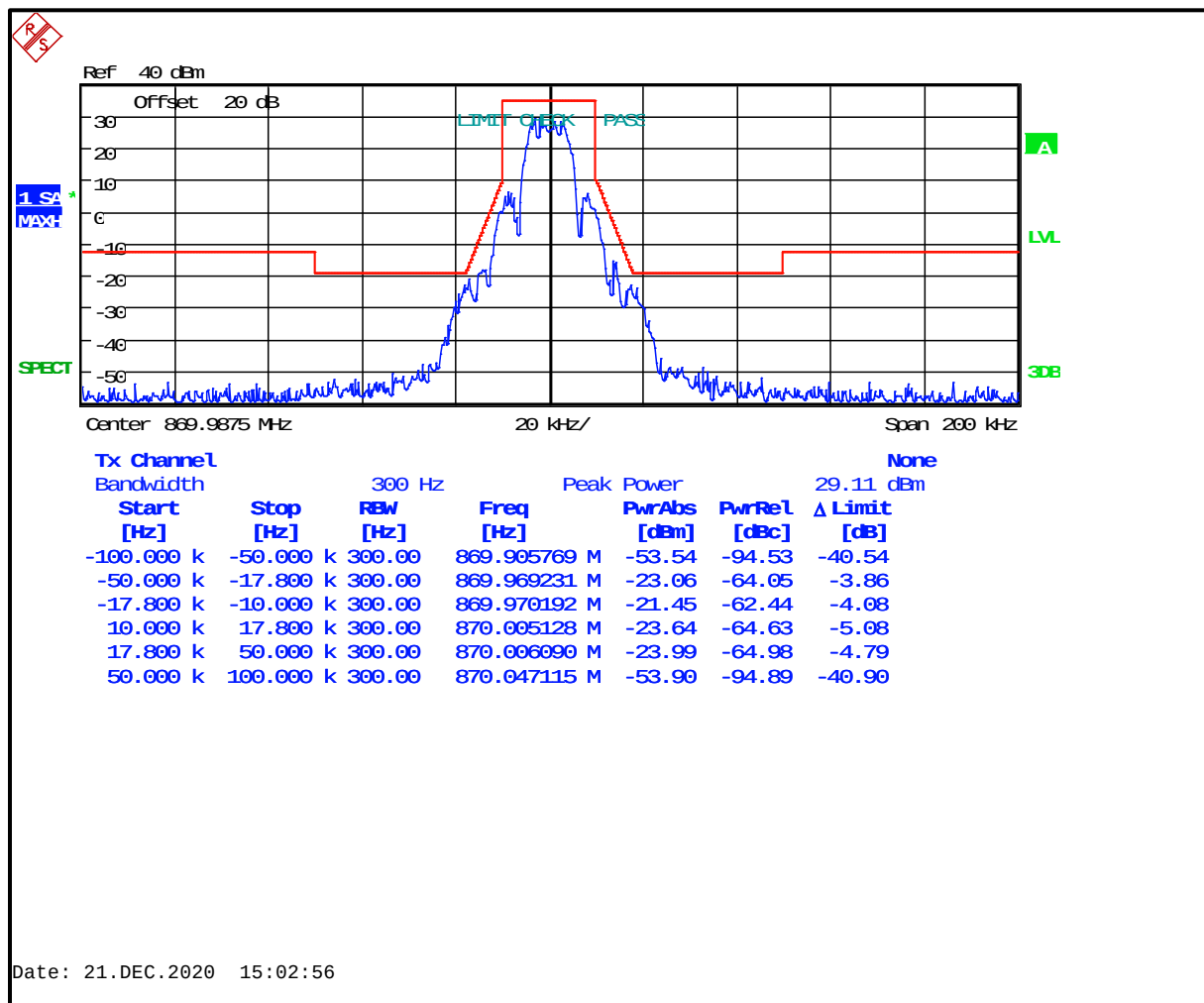
Plot 8-32: Occupied Bandwidth – 860.0000 MHz; WB 2-level FSK 9600; Mask G



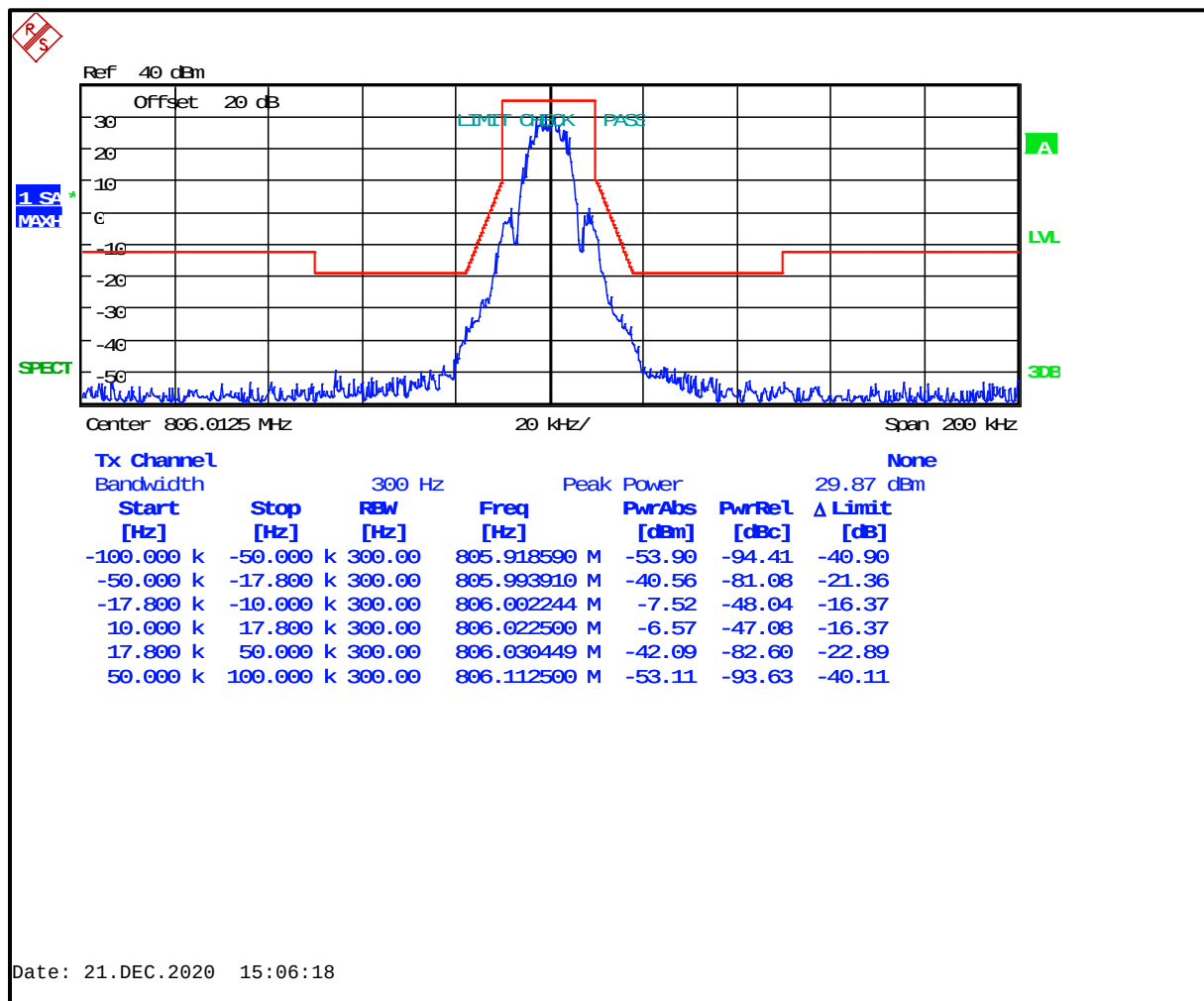
Plot 8-33: Occupied Bandwidth – 868.9875 MHz; WB 2-level FSK 9600; Mask G



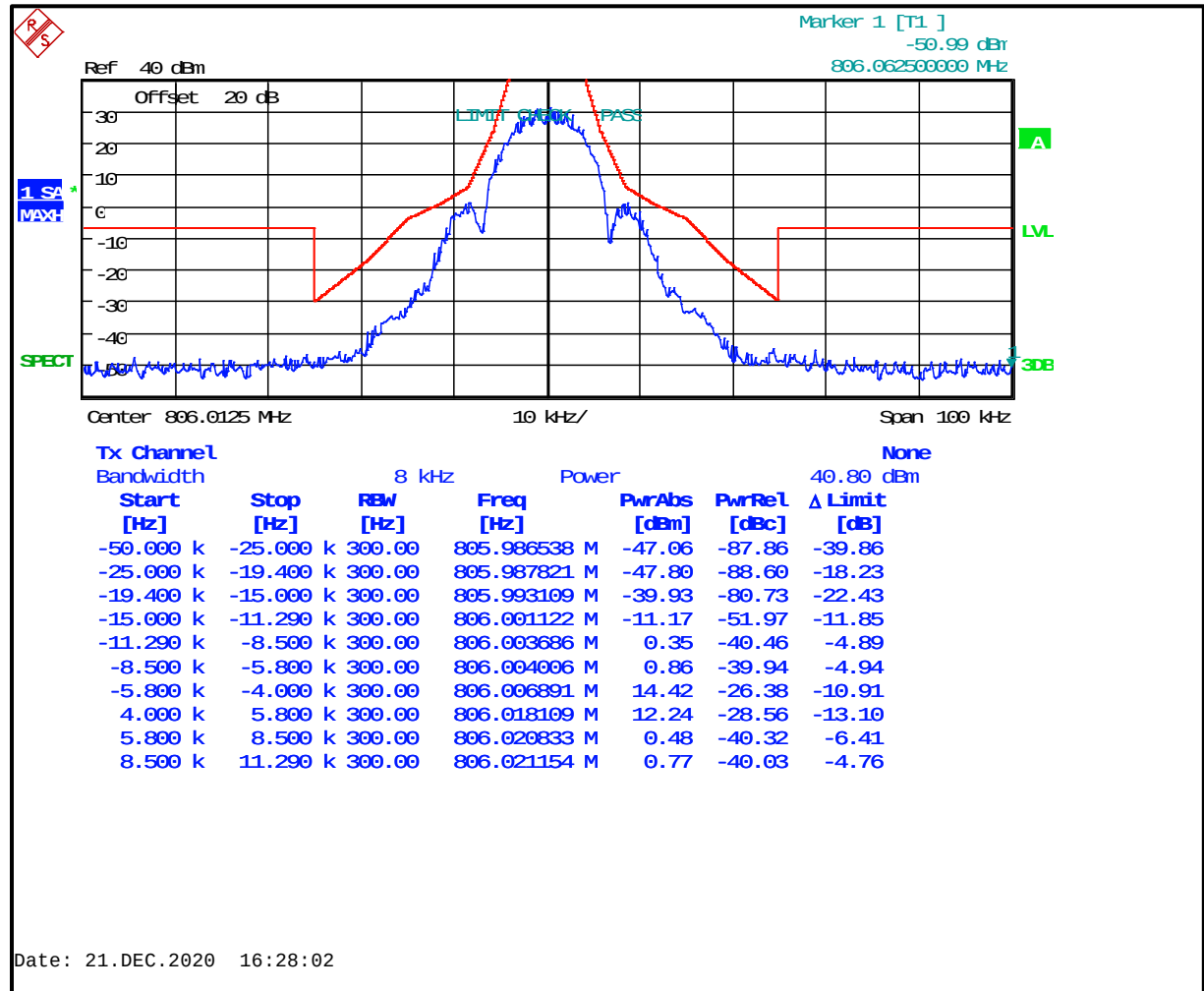
Plot 8-34: Occupied Bandwidth – 869.9875 MHz (EF); WB 2-level FSK 9600; Mask G



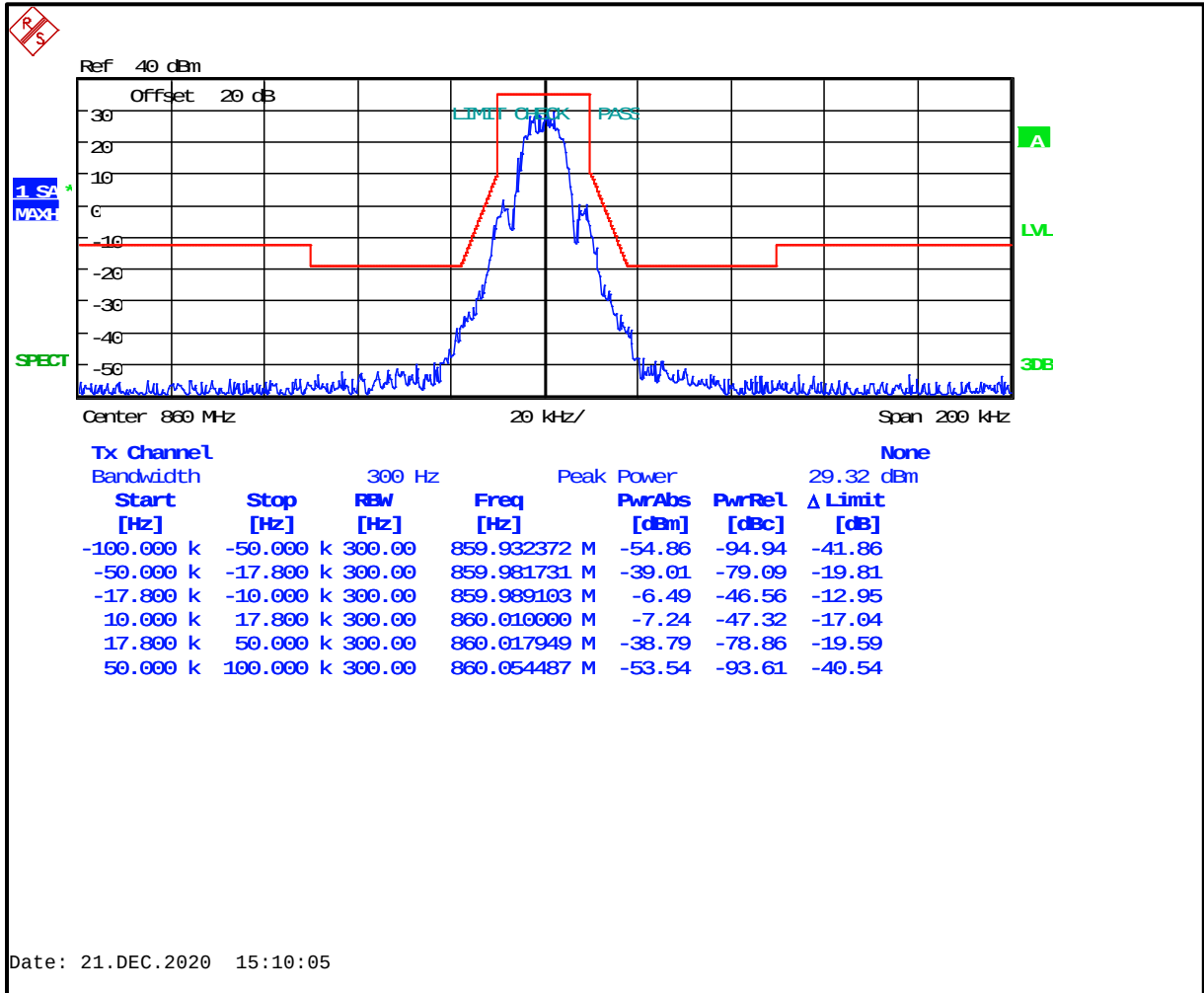
Plot 8-35: Occupied Bandwidth – 806.0125 MHz; NPSPAC 2-level FSK 9600; Mask G (ISED)



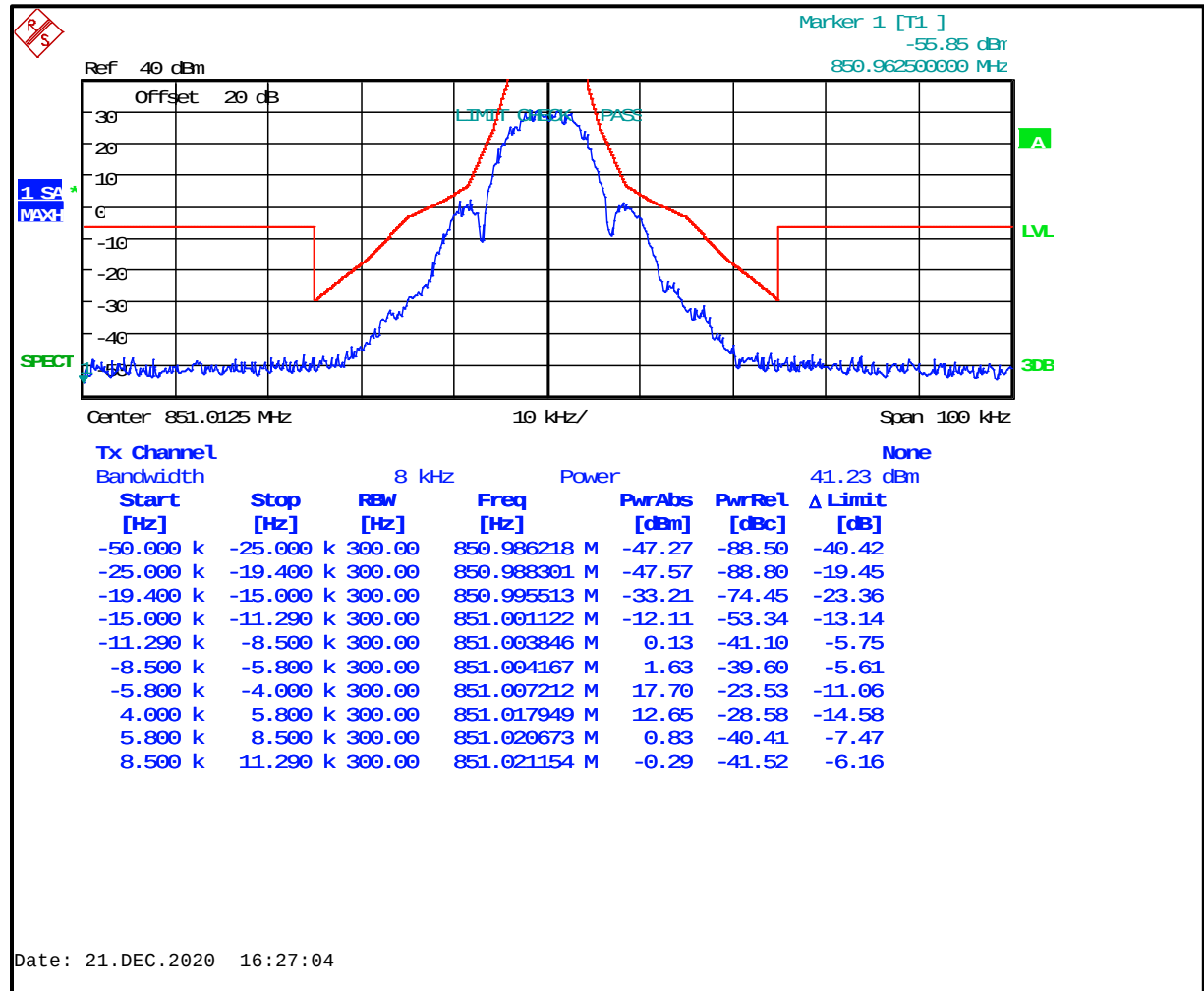
Plot 8-36: Occupied Bandwidth – 806.0125 MHz; NPSPAC 2-level FSK 9600; Mask H



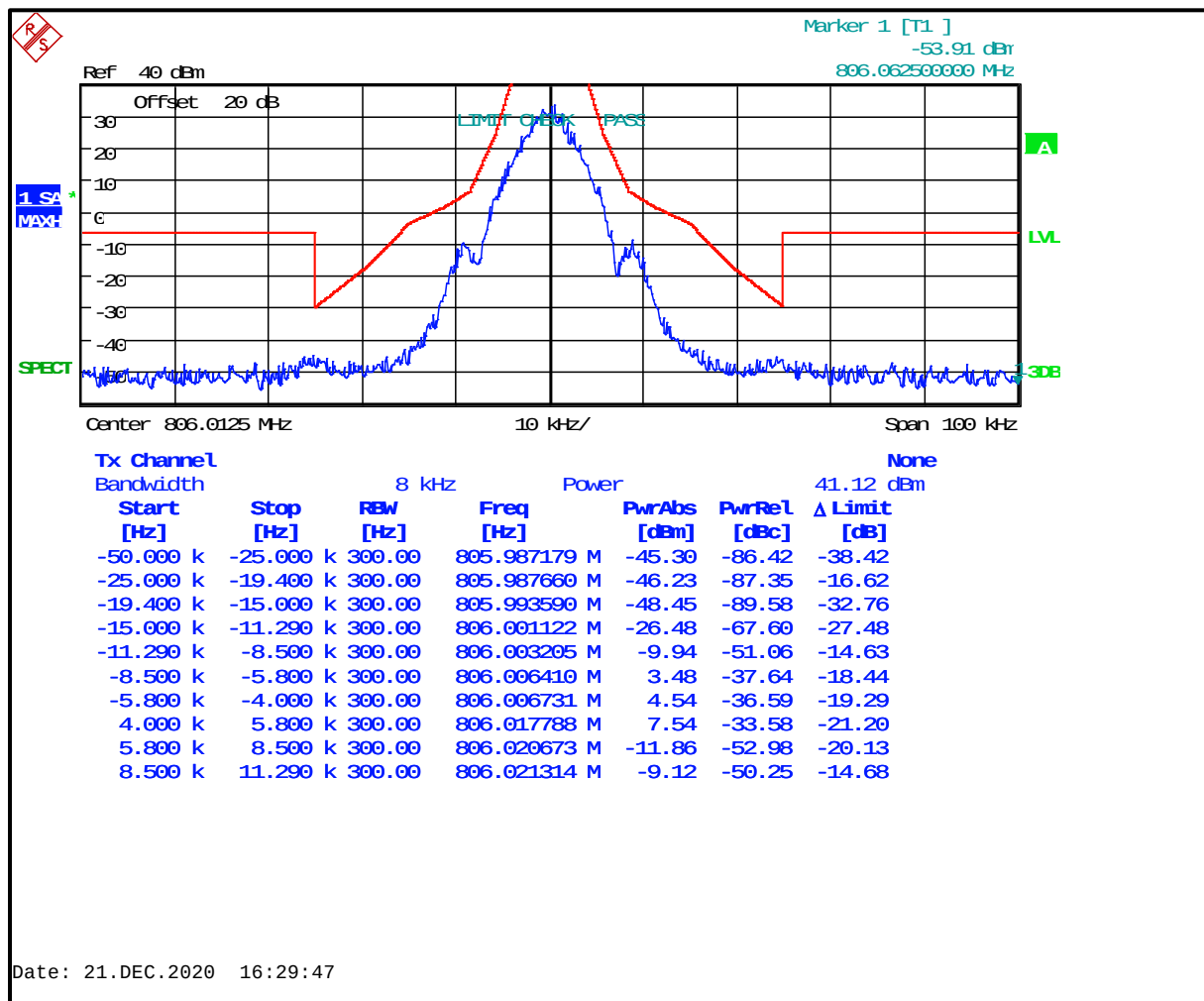
Plot 8-37: Occupied Bandwidth – 851.0125 MHz; NPSPAC 2-level FSK 9600; Mask G (ISED)



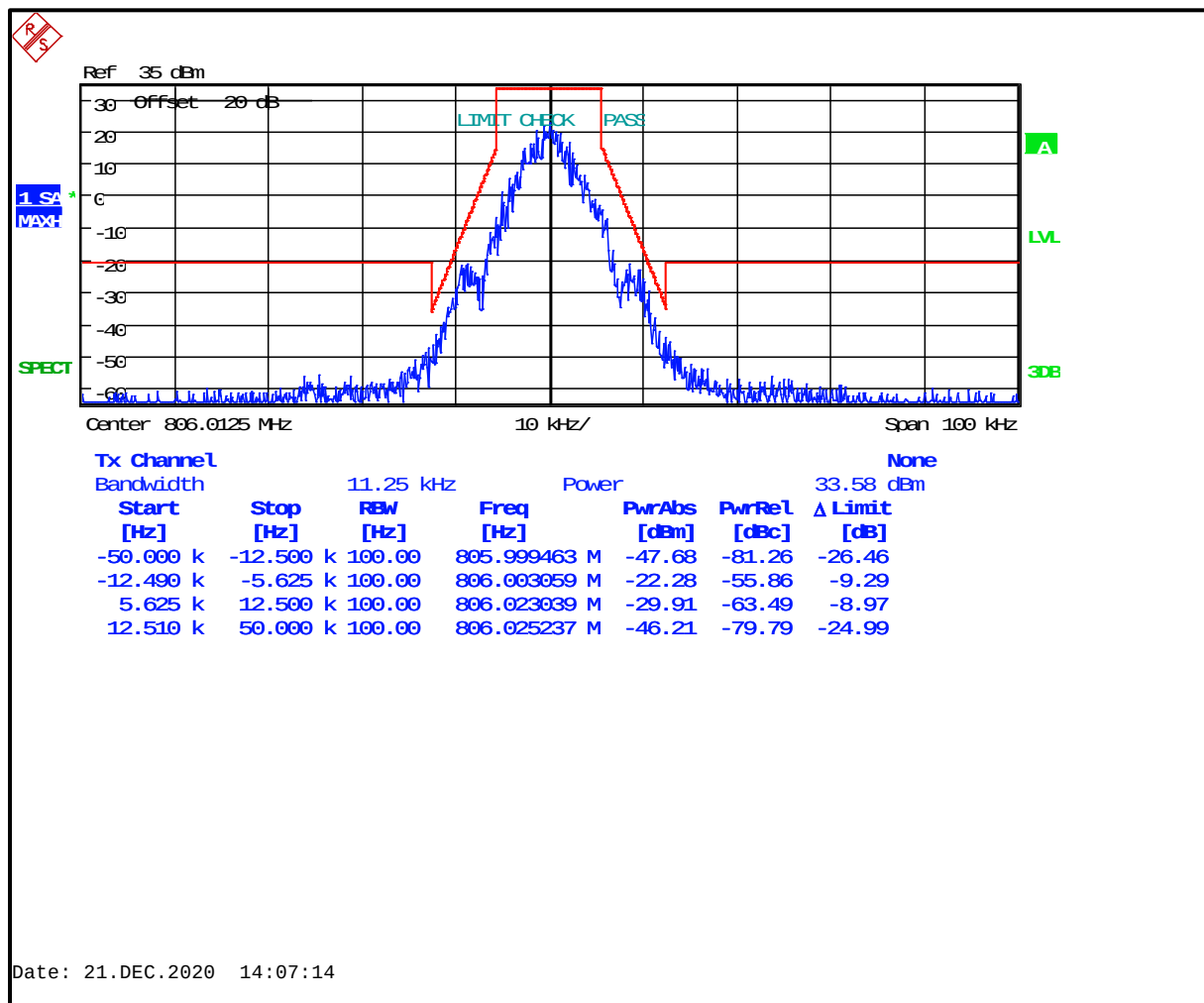
Plot 8-38: Occupied Bandwidth – 851.0125 MHz; NPSPAC 2-level FSK 9600; Mask H



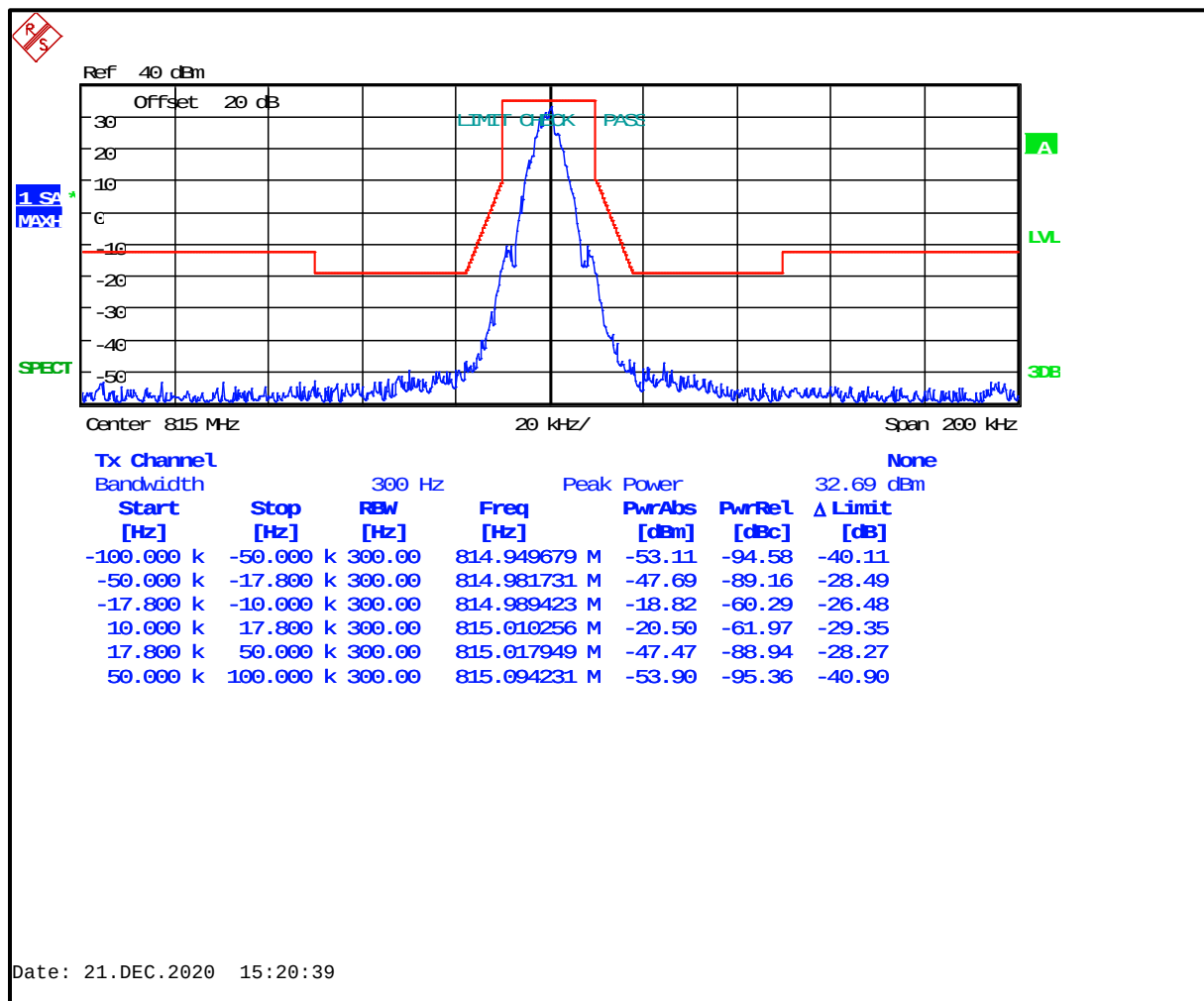
Plot 8-39: Occupied Bandwidth – 806.0125 MHz; NB 2-Level FSK 9600; Mask H



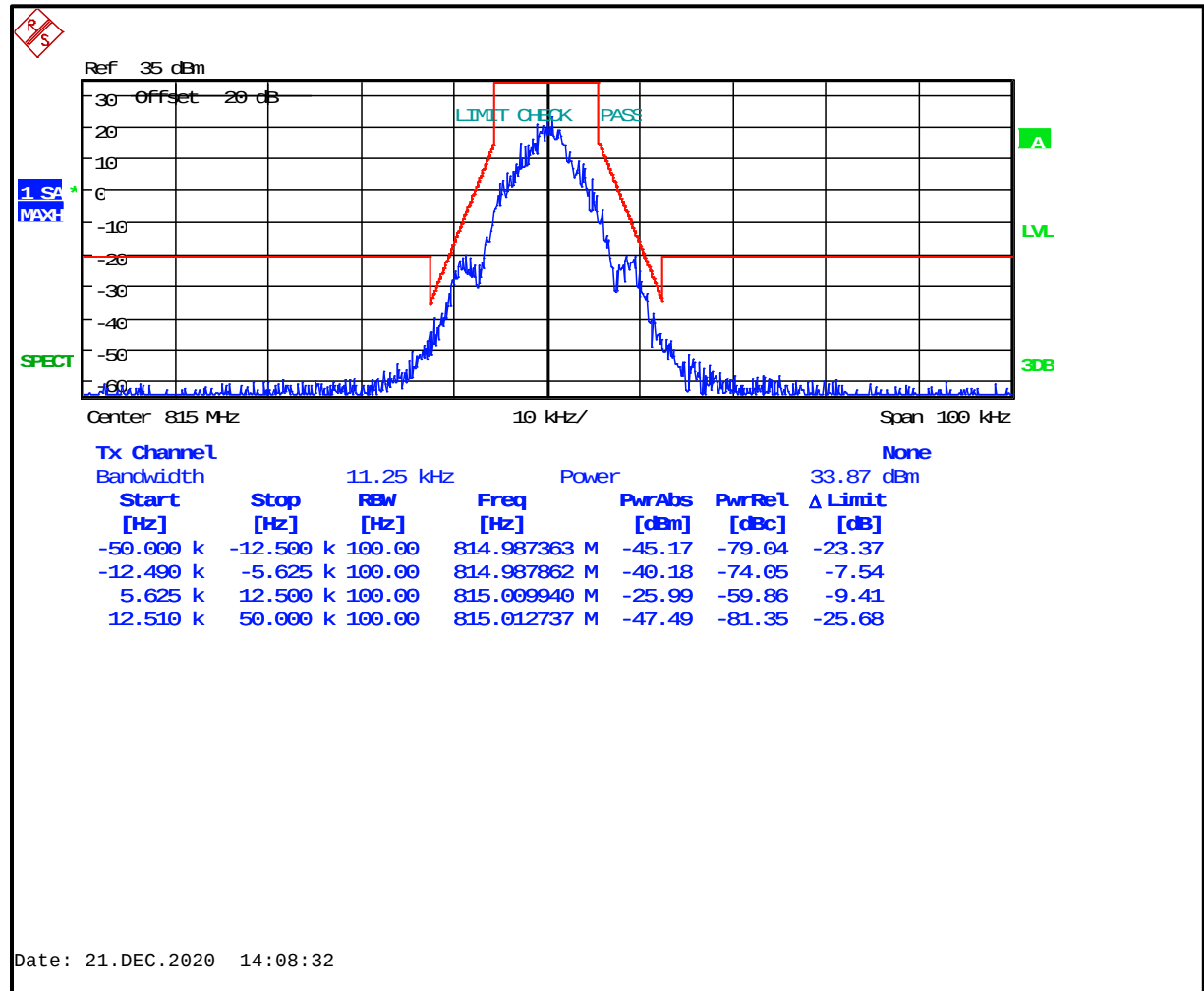
Plot 8-40: Occupied Bandwidth – 806.0125 MHz; NB 2-Level FSK 9600; Mask D (ISED)



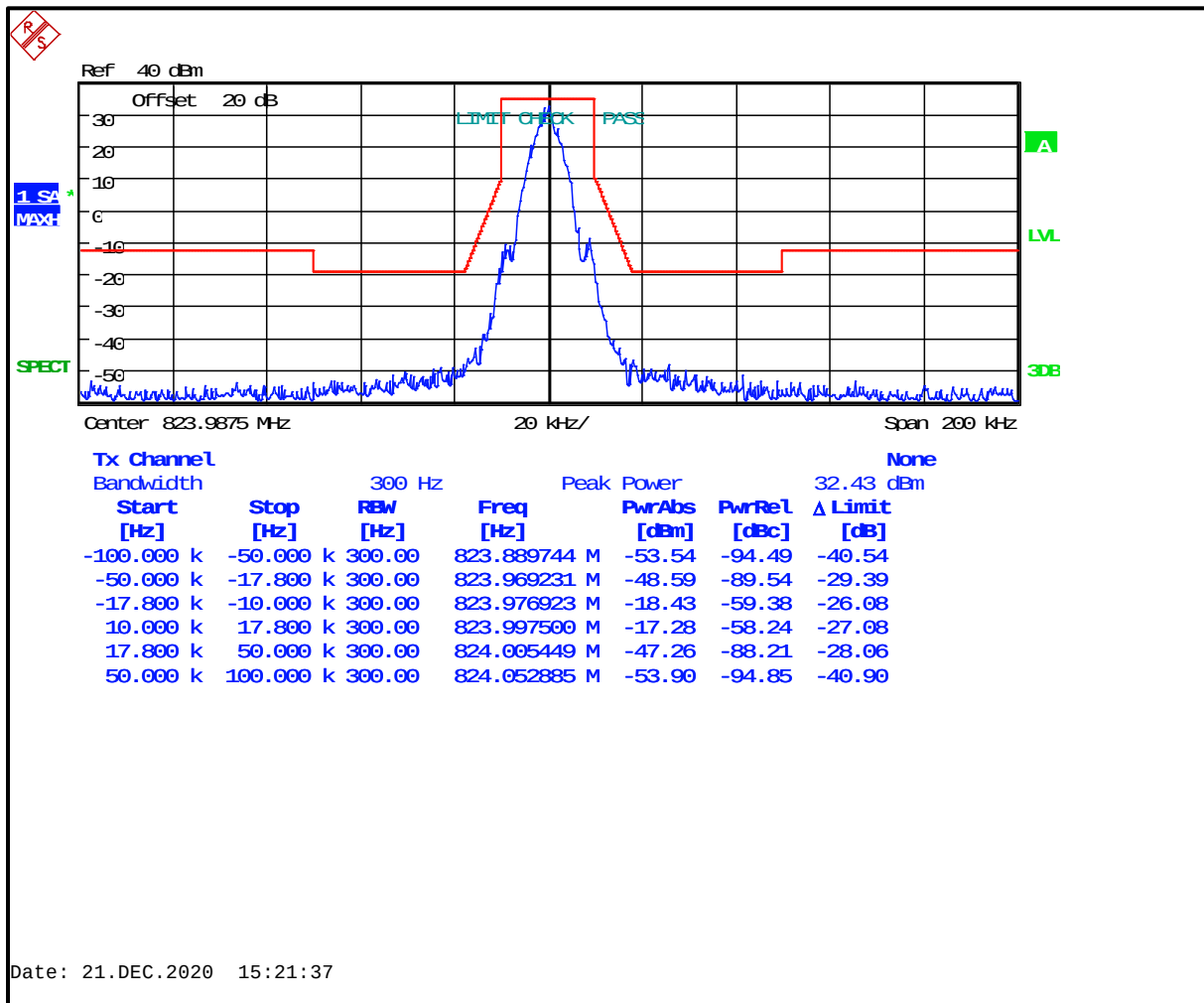
Plot 8-41: Occupied Bandwidth – 815.0000 MHz; NB 2-Level FSK 9600; Mask G



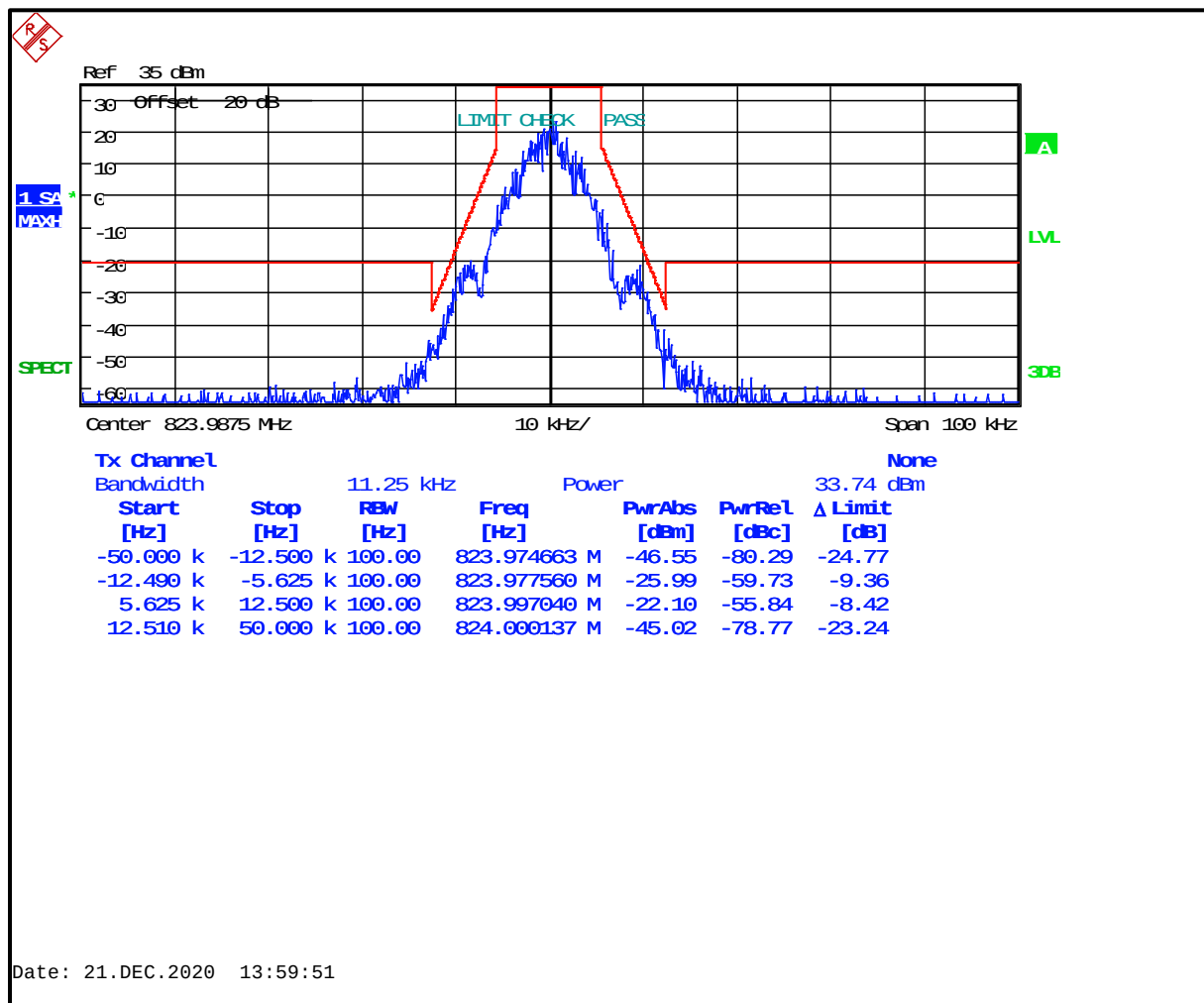
Plot 8-42: Occupied Bandwidth – 815.0000 MHz; NB 2-Level FSK 9600; Mask D (ISED)



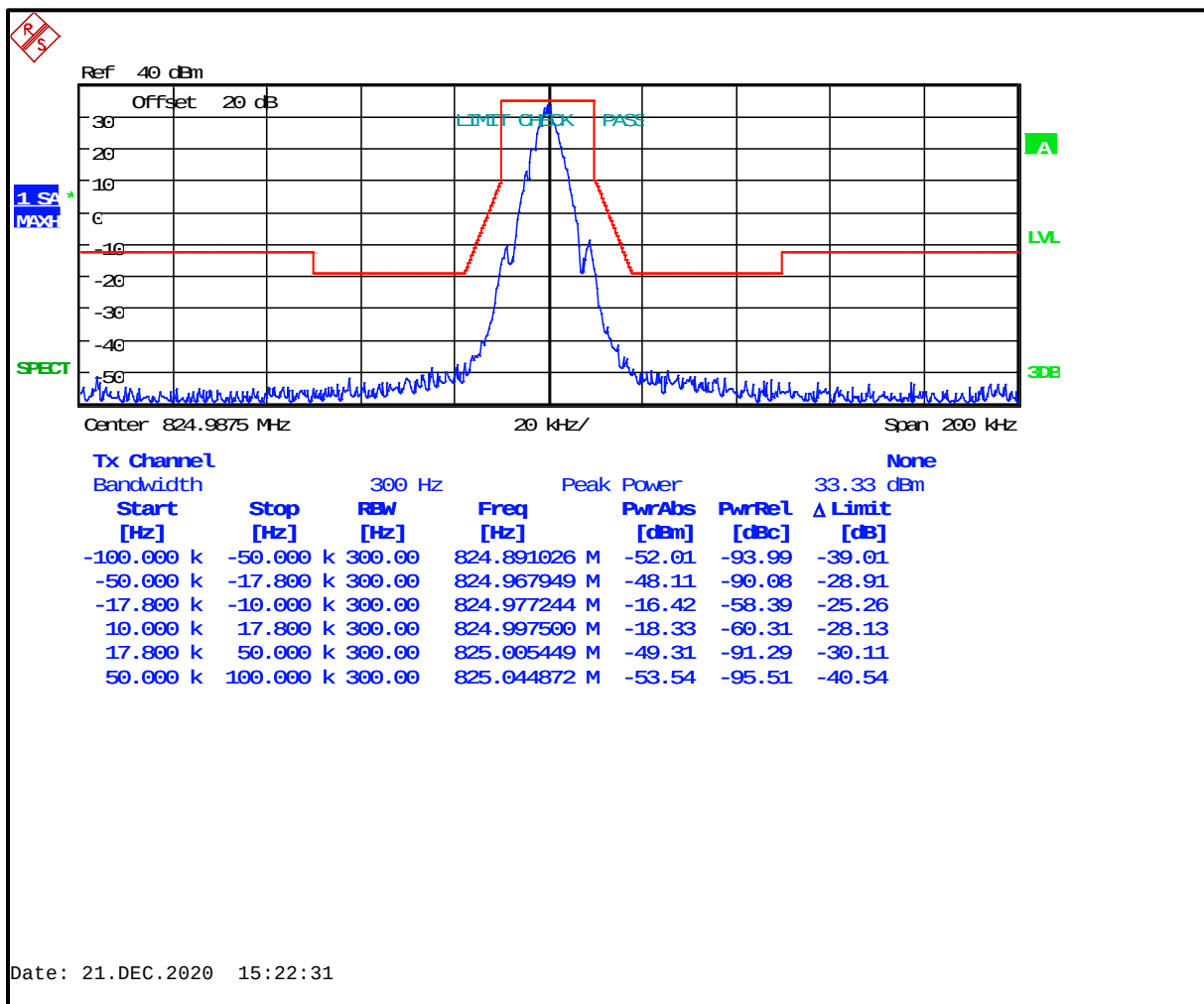
Plot 8-43: Occupied Bandwidth – 823.0125 MHz; NB 2-level FSK 9600; Mask G



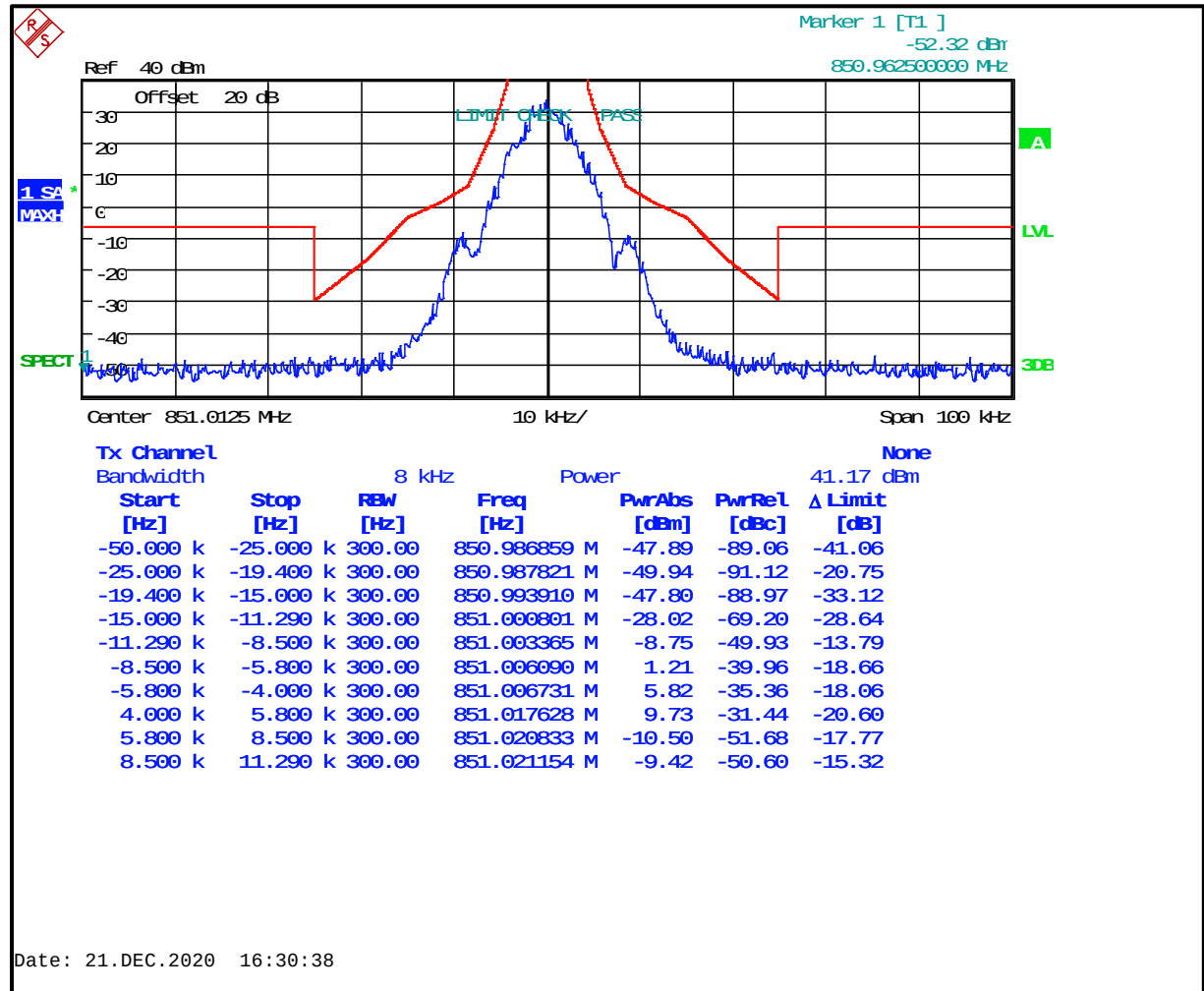
Plot 8-44: Occupied Bandwidth – 823.0125 MHz; NB 2-level FSK 9600; Mask D (ISED)



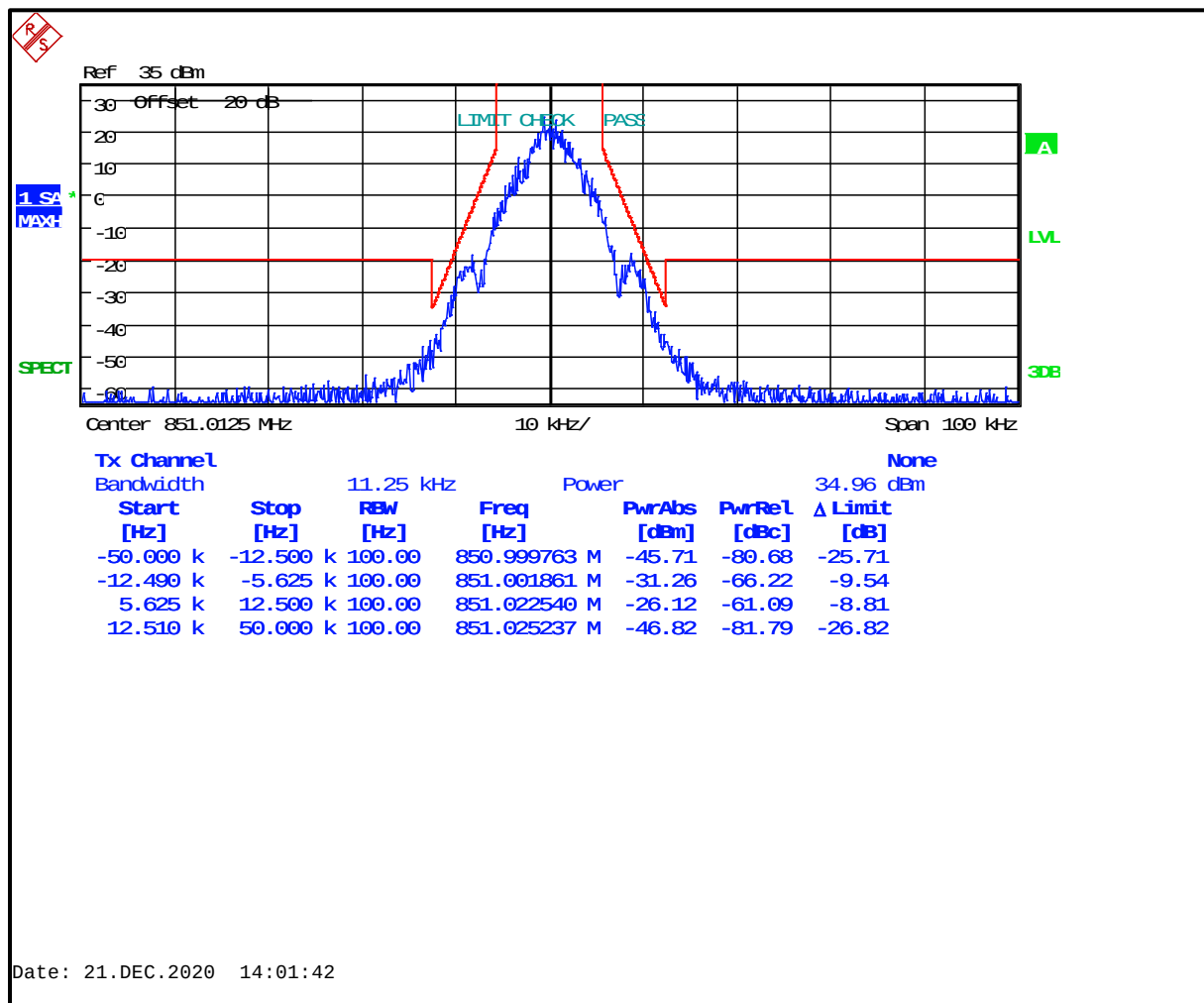
Plot 8-45: Occupied Bandwidth – 824.0125 MHz (EF); NB 2-level FSK 9600; Mask G



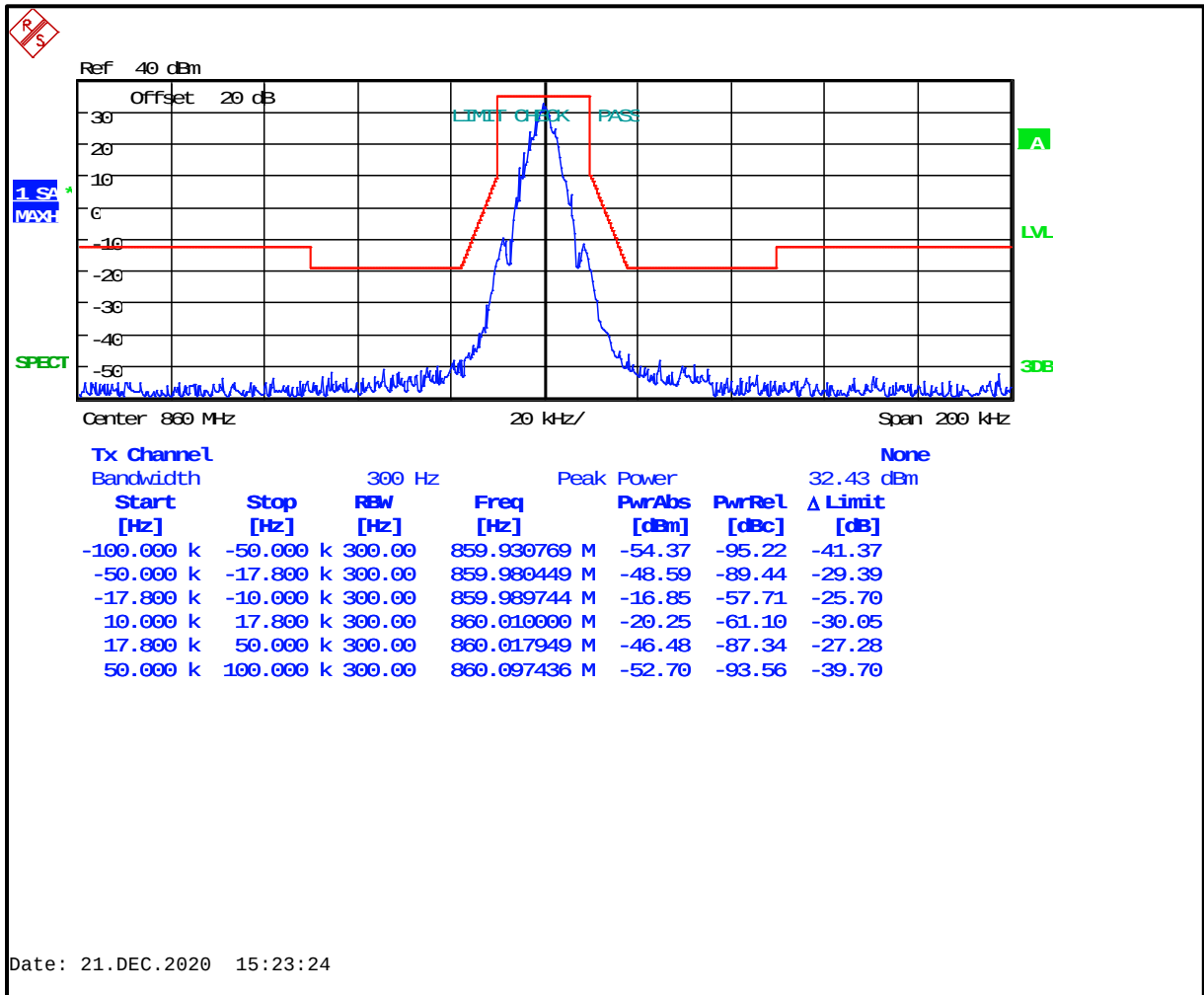
Plot 8-46: Occupied Bandwidth – 851.0125 MHz; NB Level FSK 9600; Mask H



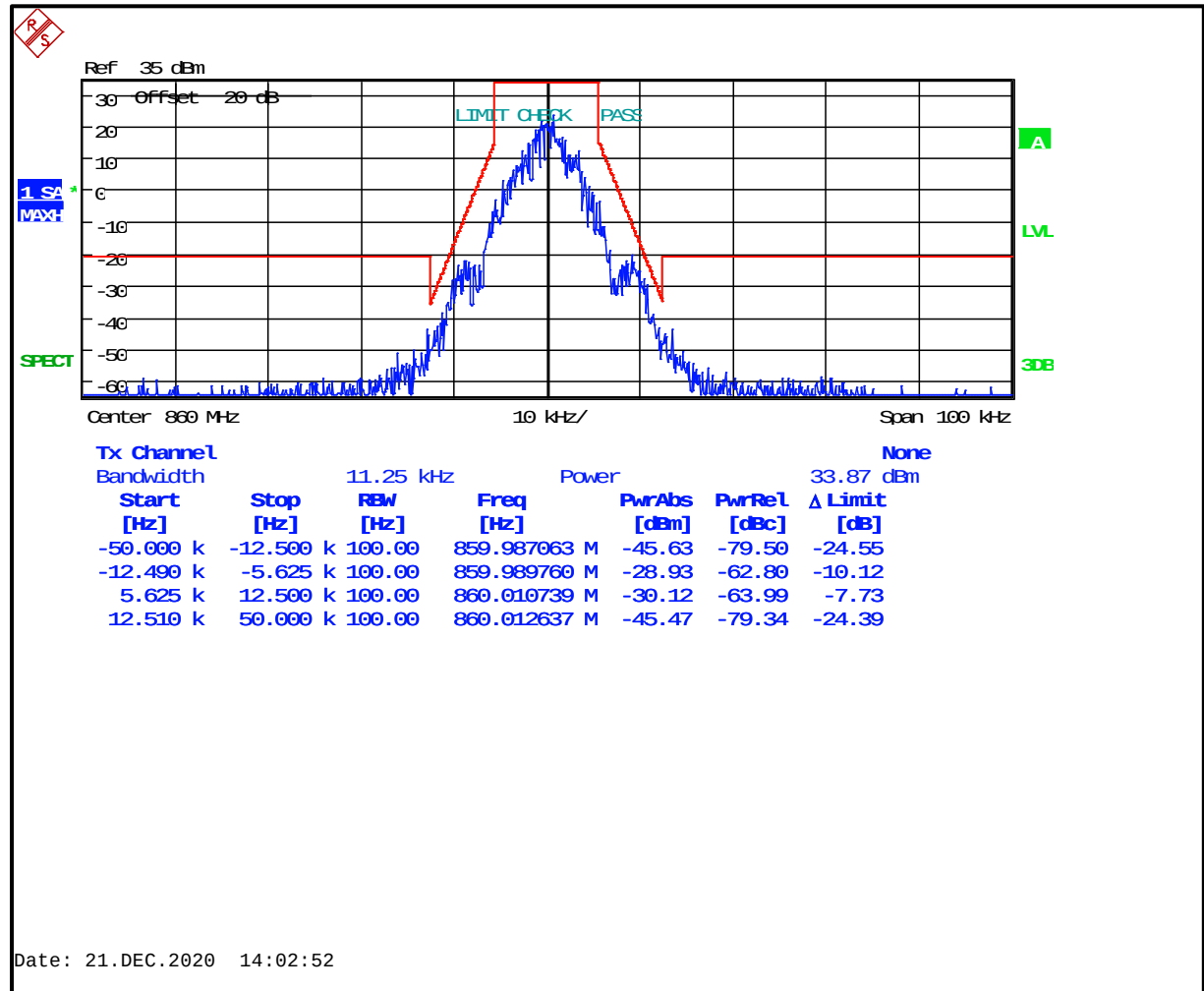
Plot 8-47: Occupied Bandwidth – 851.0125 MHz; NB 2-Level FSK 9600; Mask D (ISED)



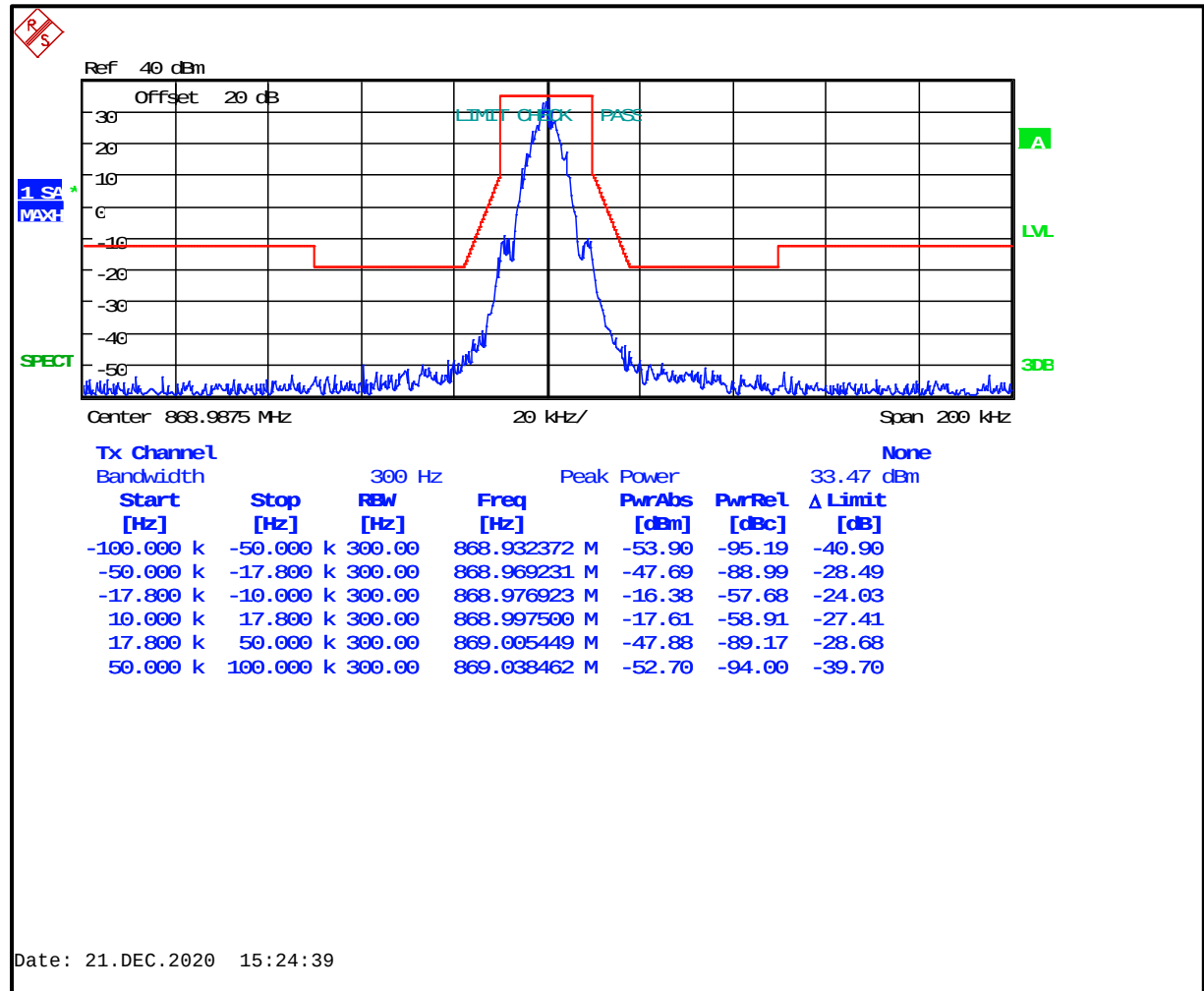
Plot 8-48: Occupied Bandwidth – 860.0000 MHz; NB 2-Level FSK 9600; Mask G



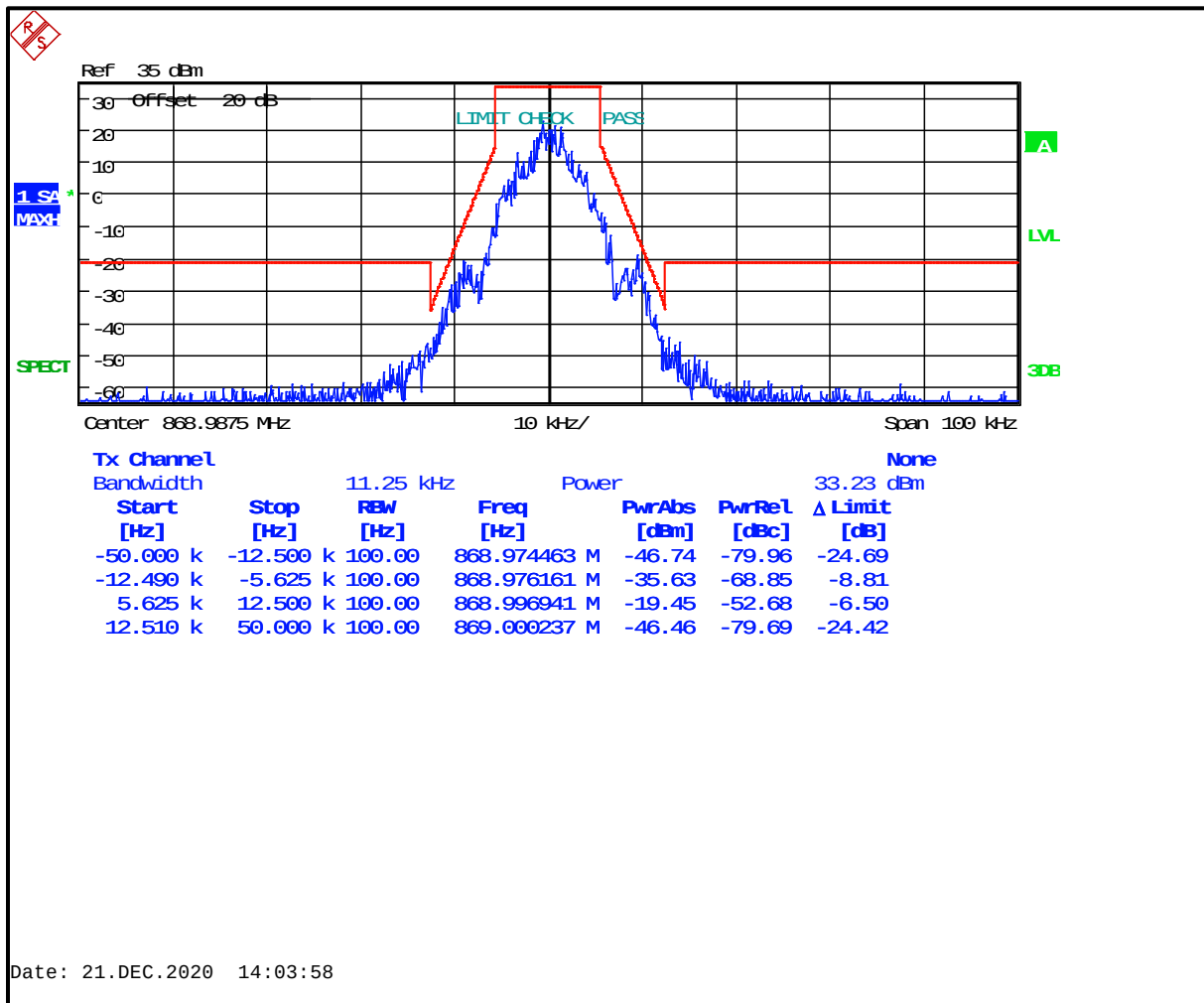
Plot 8-49: Occupied Bandwidth – 860.0000 MHz; NB 2-Level FSK 9600; Mask D (ISED)



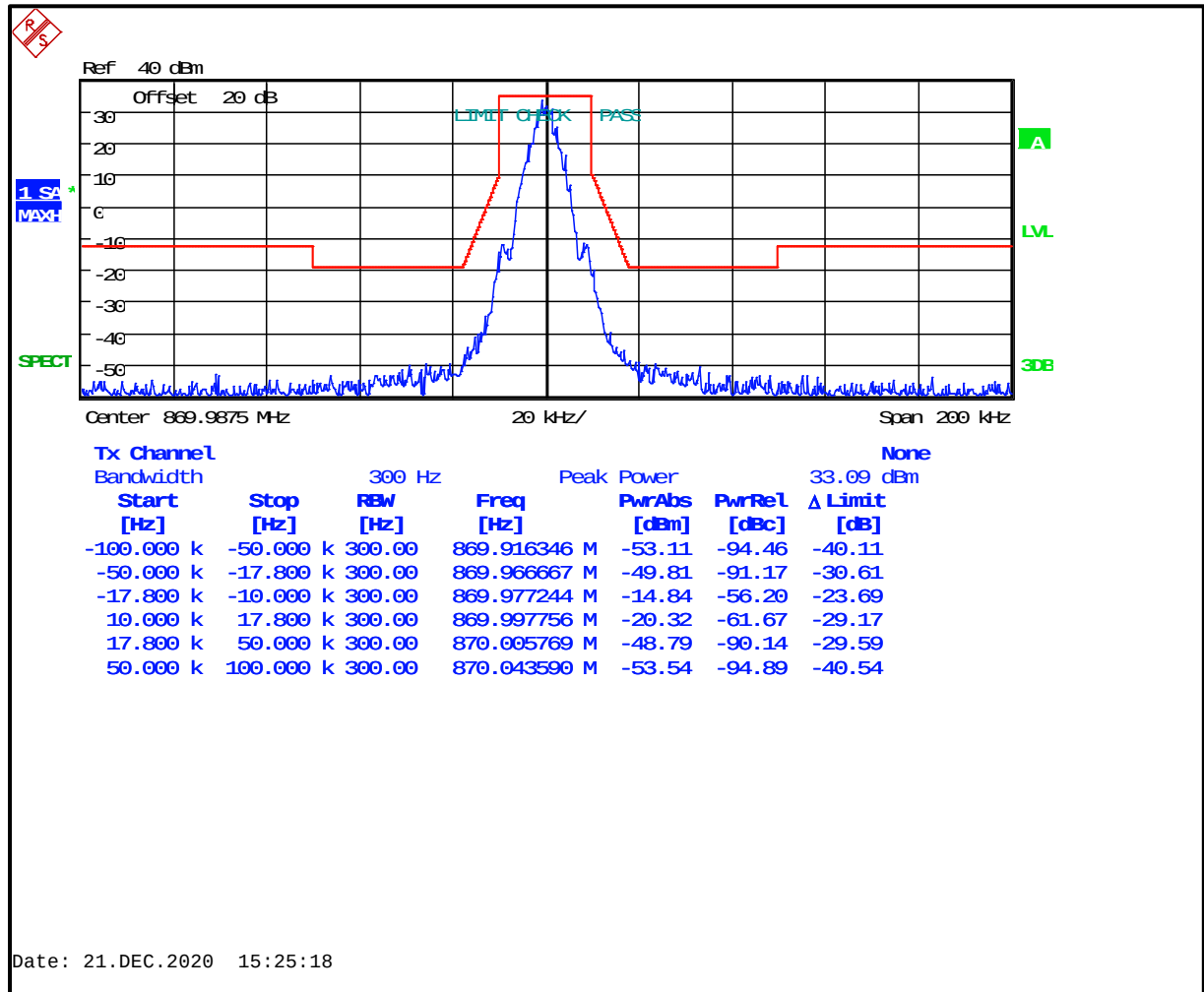
Plot 8-50: Occupied Bandwidth – 868.9875 MHz; NB 2-Level FSK 9600; Mask G



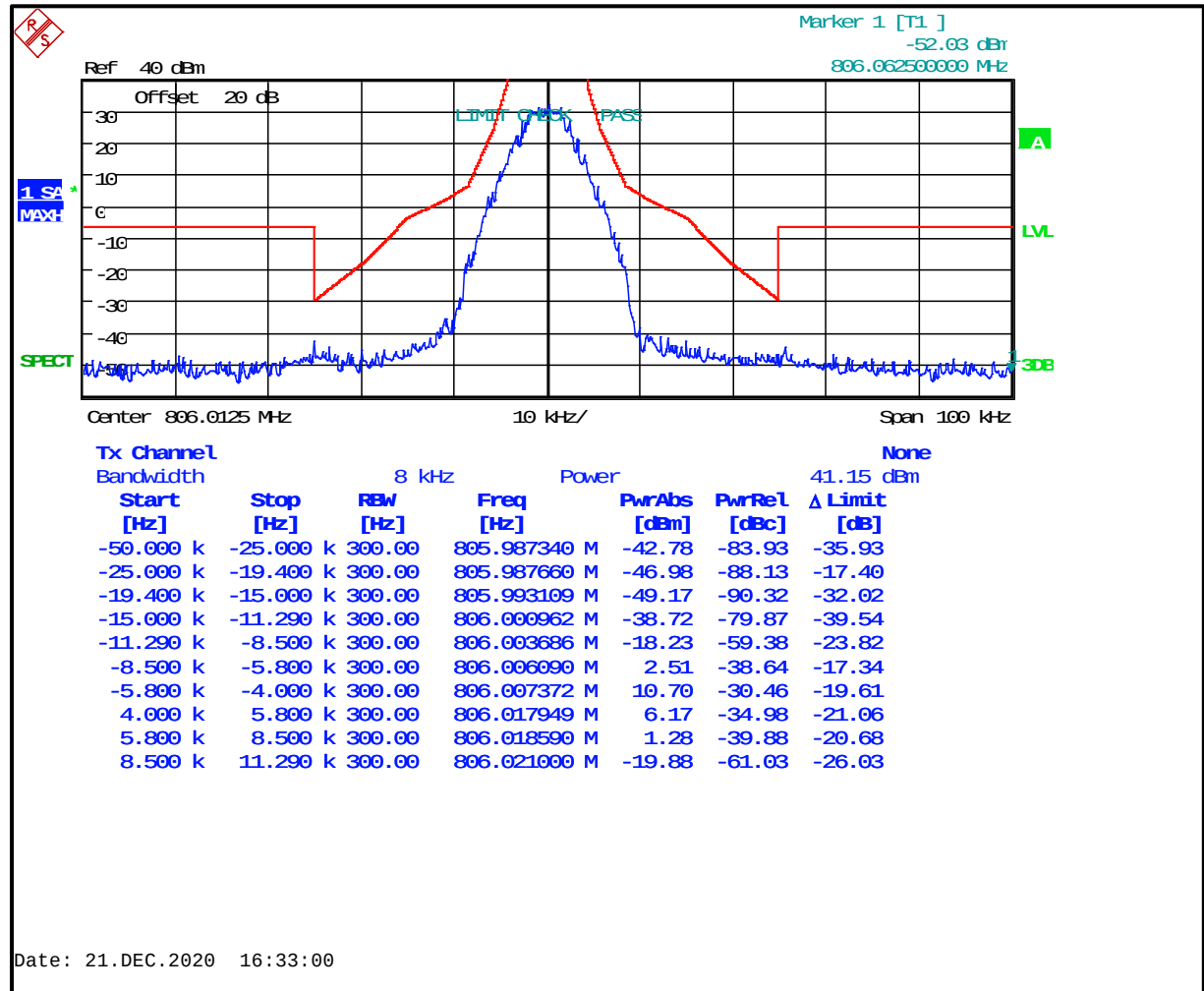
Plot 8-51: Occupied Bandwidth – 868.9875 MHz; NB 2-Level FSK 9600; Mask D (ISED)



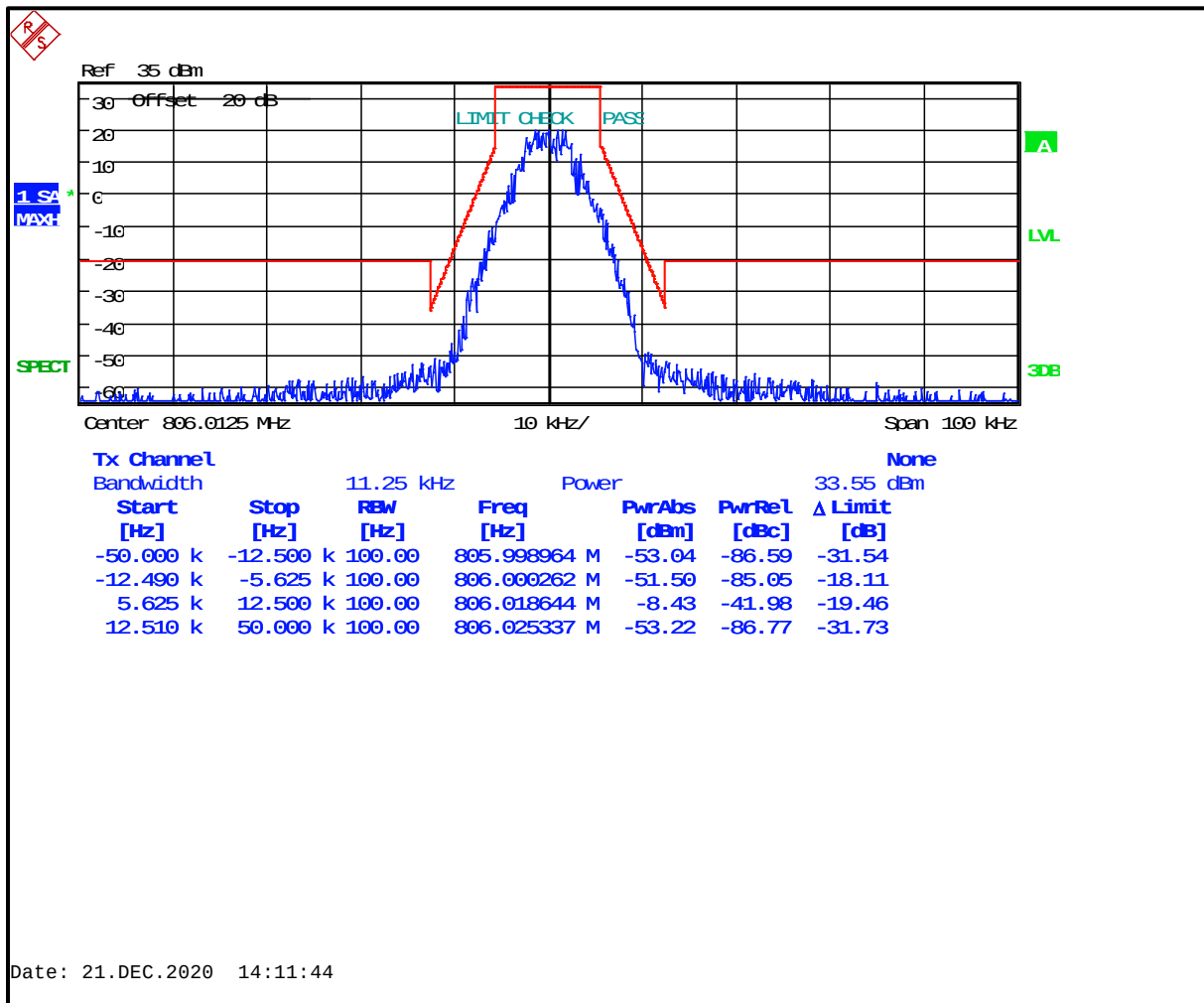
Plot 8-52: Occupied Bandwidth – 869.9875 MHz (EF); NB 2-Level FSK 9600; Mask G



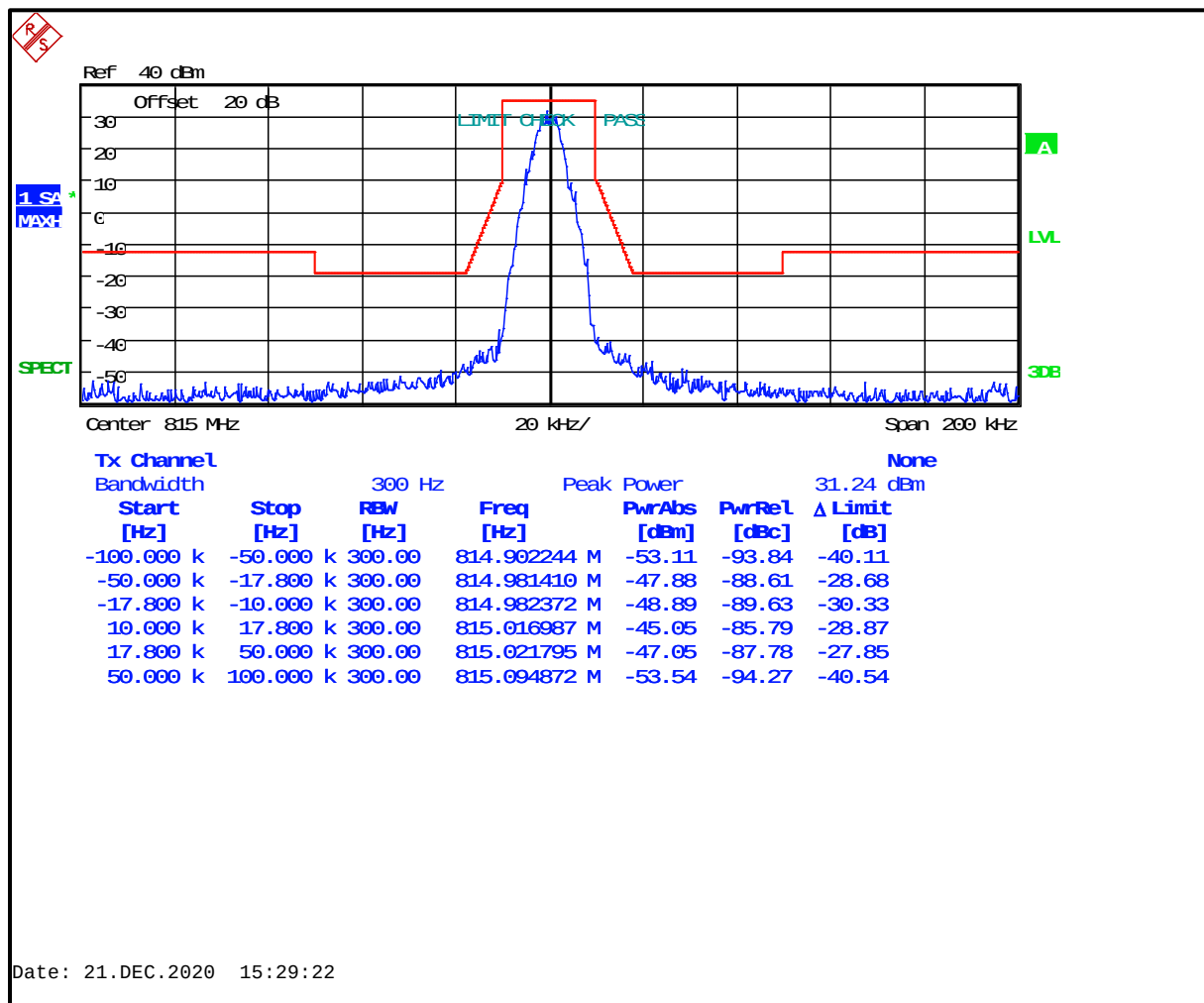
Plot 8-53: Occupied Bandwidth – 806.0125 MHz; C4FM; Mask H



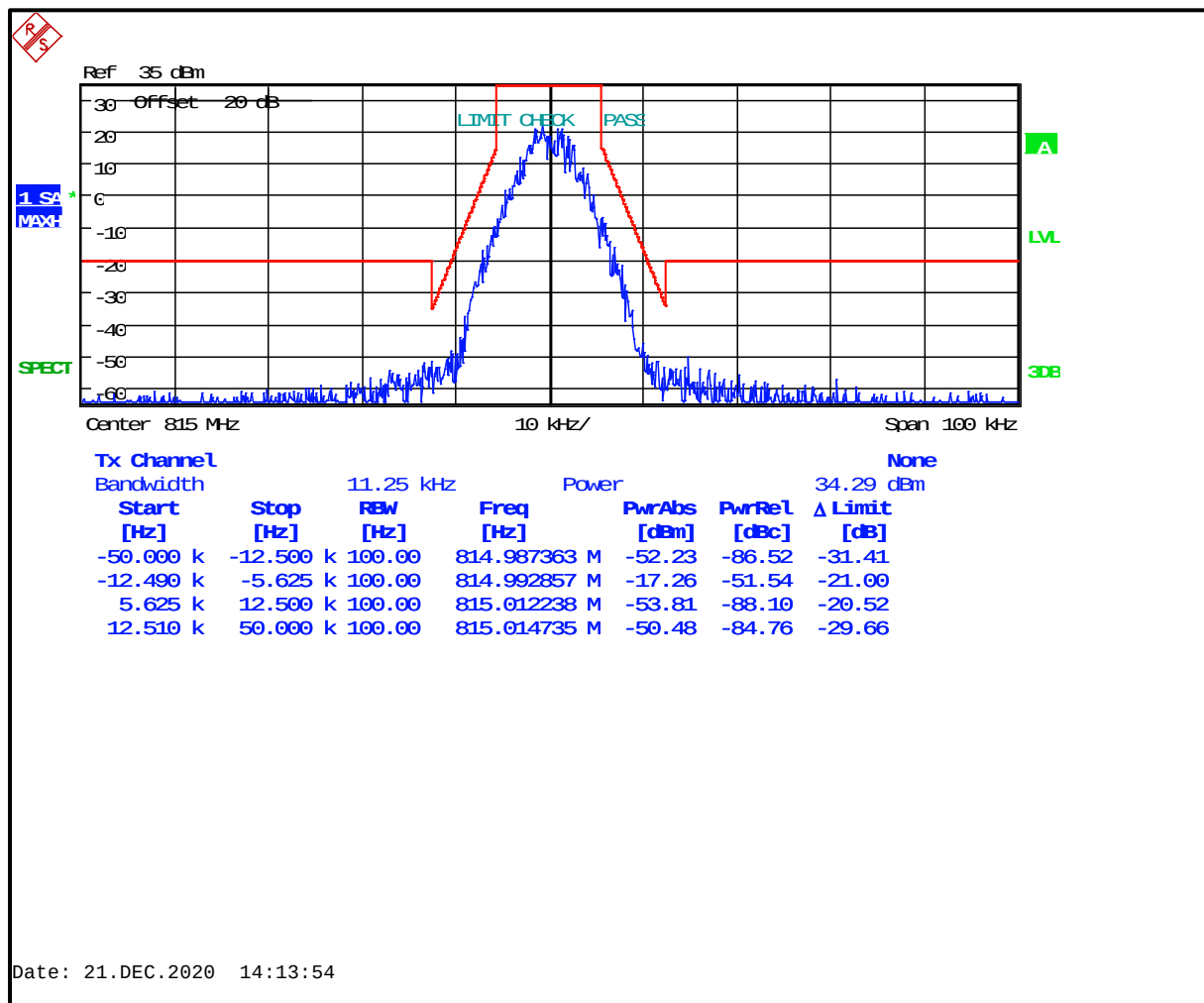
Plot 8-54: Occupied Bandwidth – 806.0125 MHz; C4FM; Mask D (ISED)



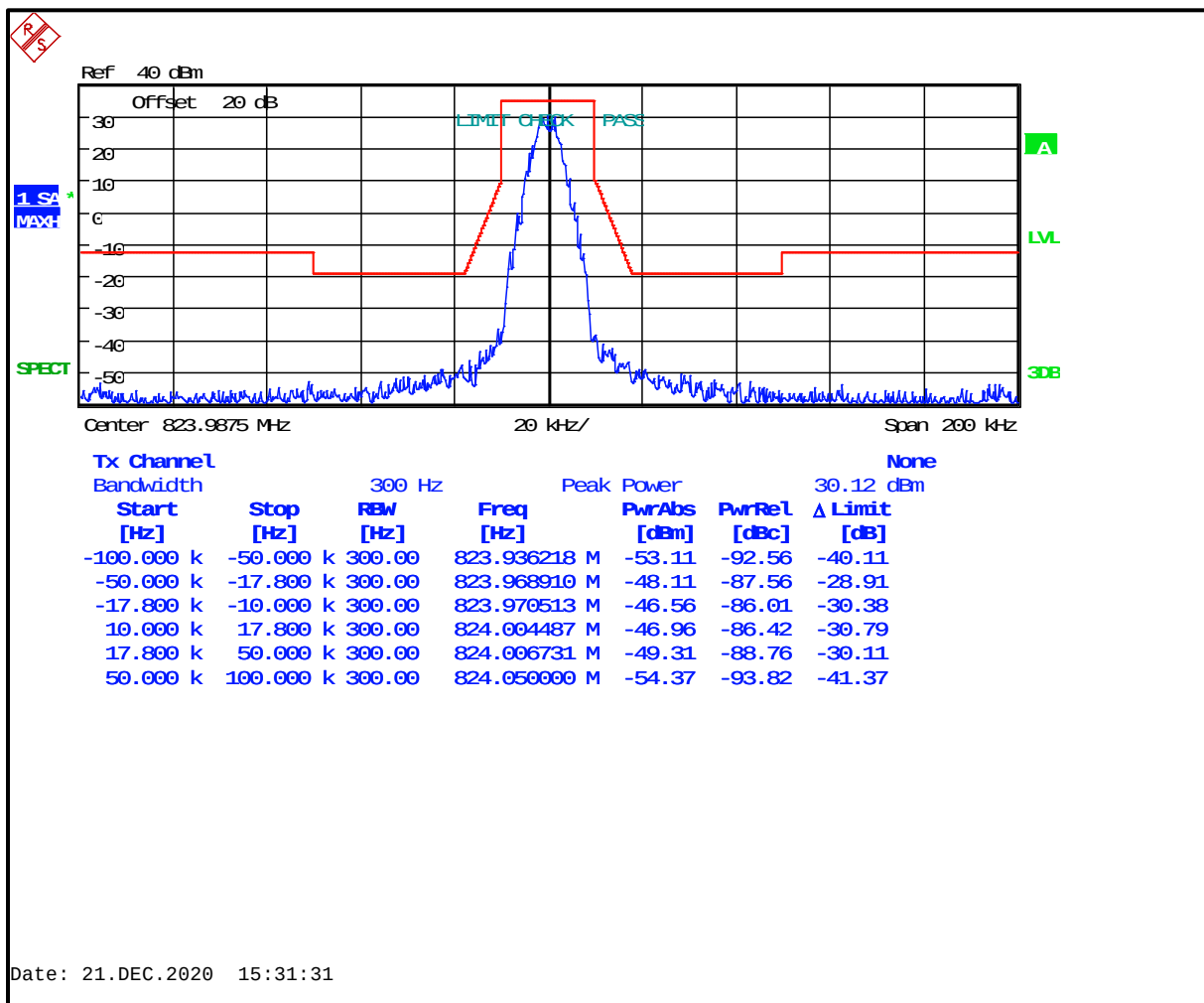
Plot 8-55: Occupied Bandwidth – 815.0000 MHz; C4FM; Mask G



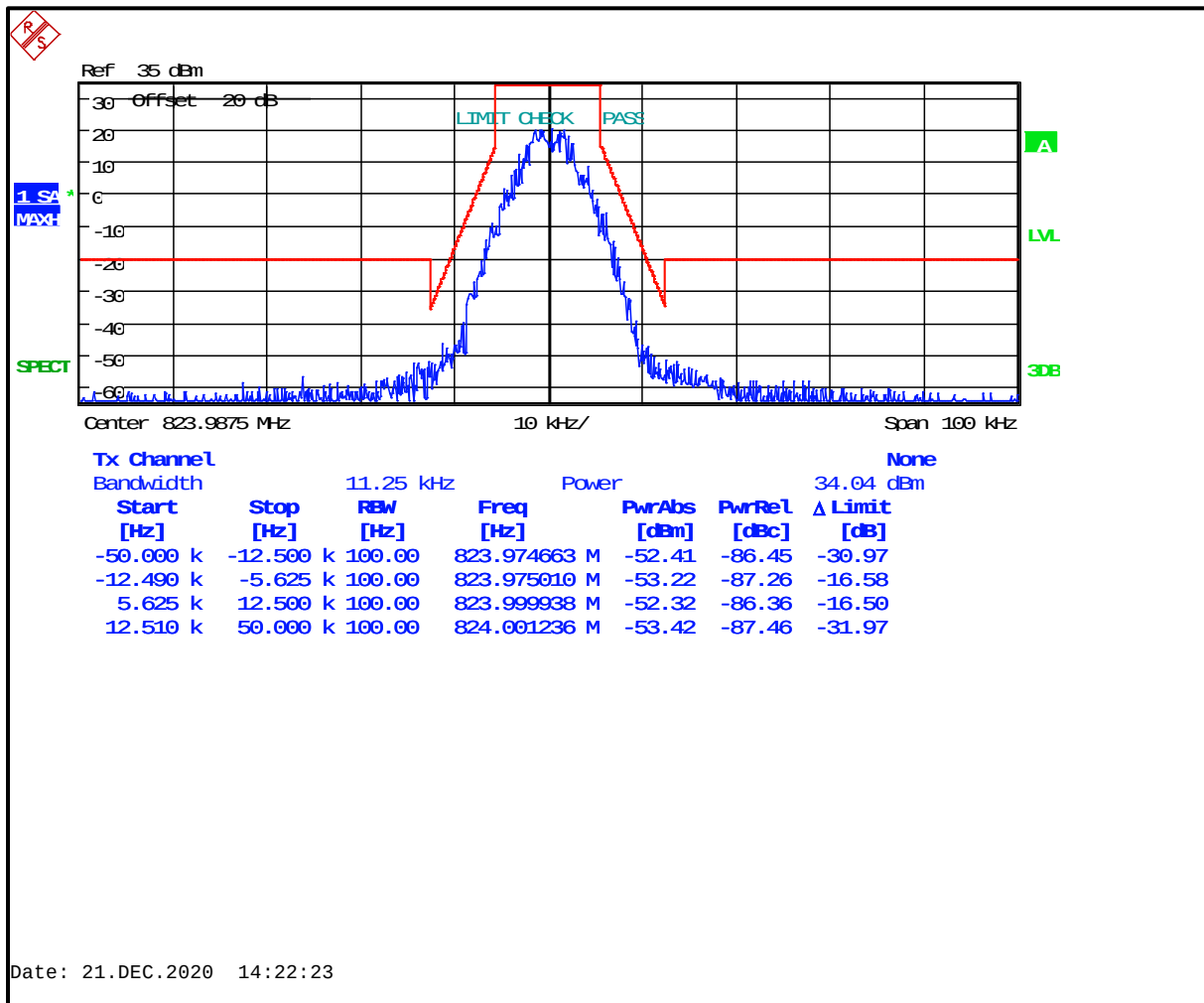
Plot 8-56: Occupied Bandwidth – 815.0000 MHz; C4FM; Mask D (ISED)



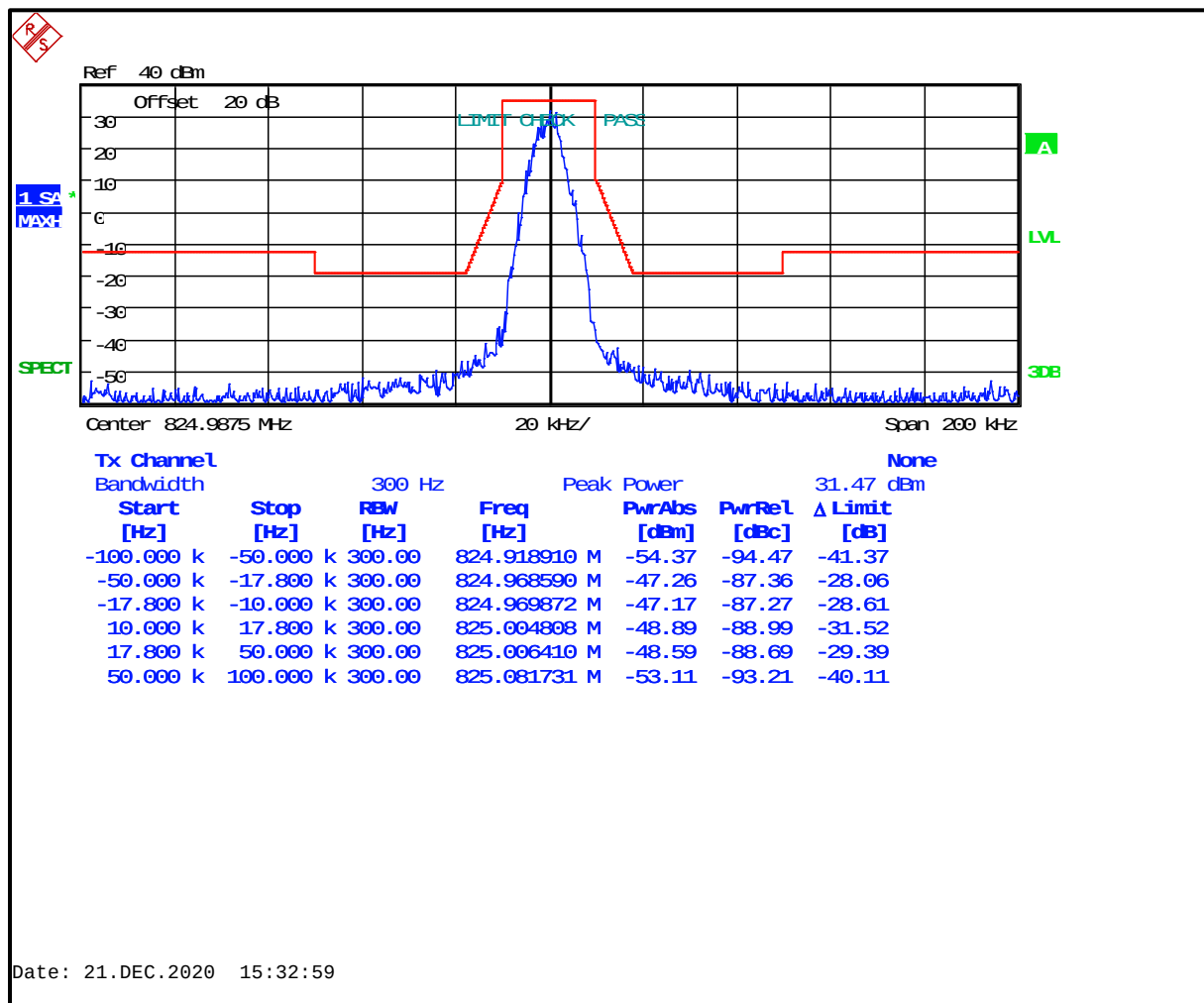
Plot 8-57: Occupied Bandwidth – 823.0125 MHz; C4FM; Mask G



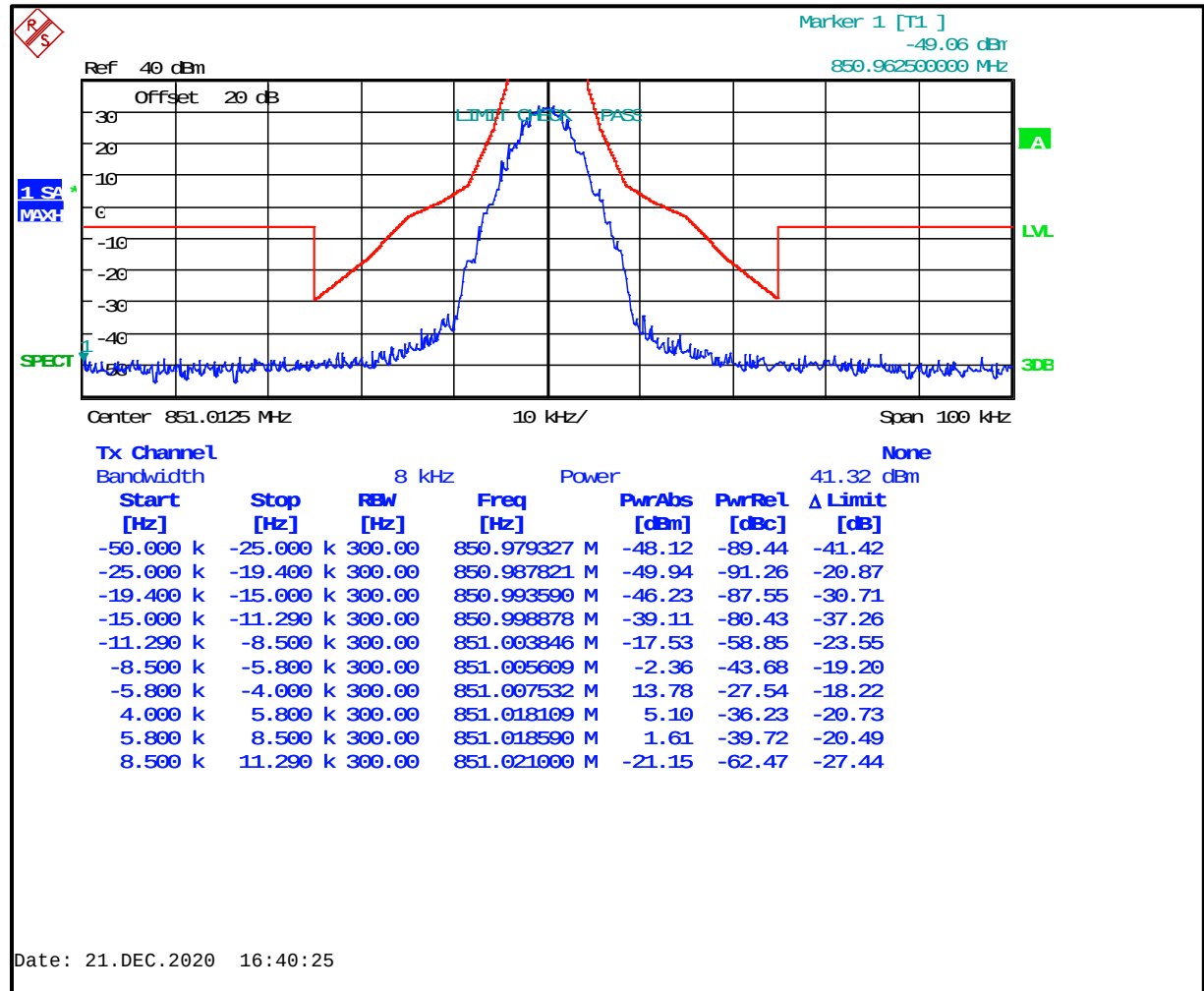
Plot 8-58: Occupied Bandwidth – 823.0125 MHz; C4FM; Mask D (ISED)



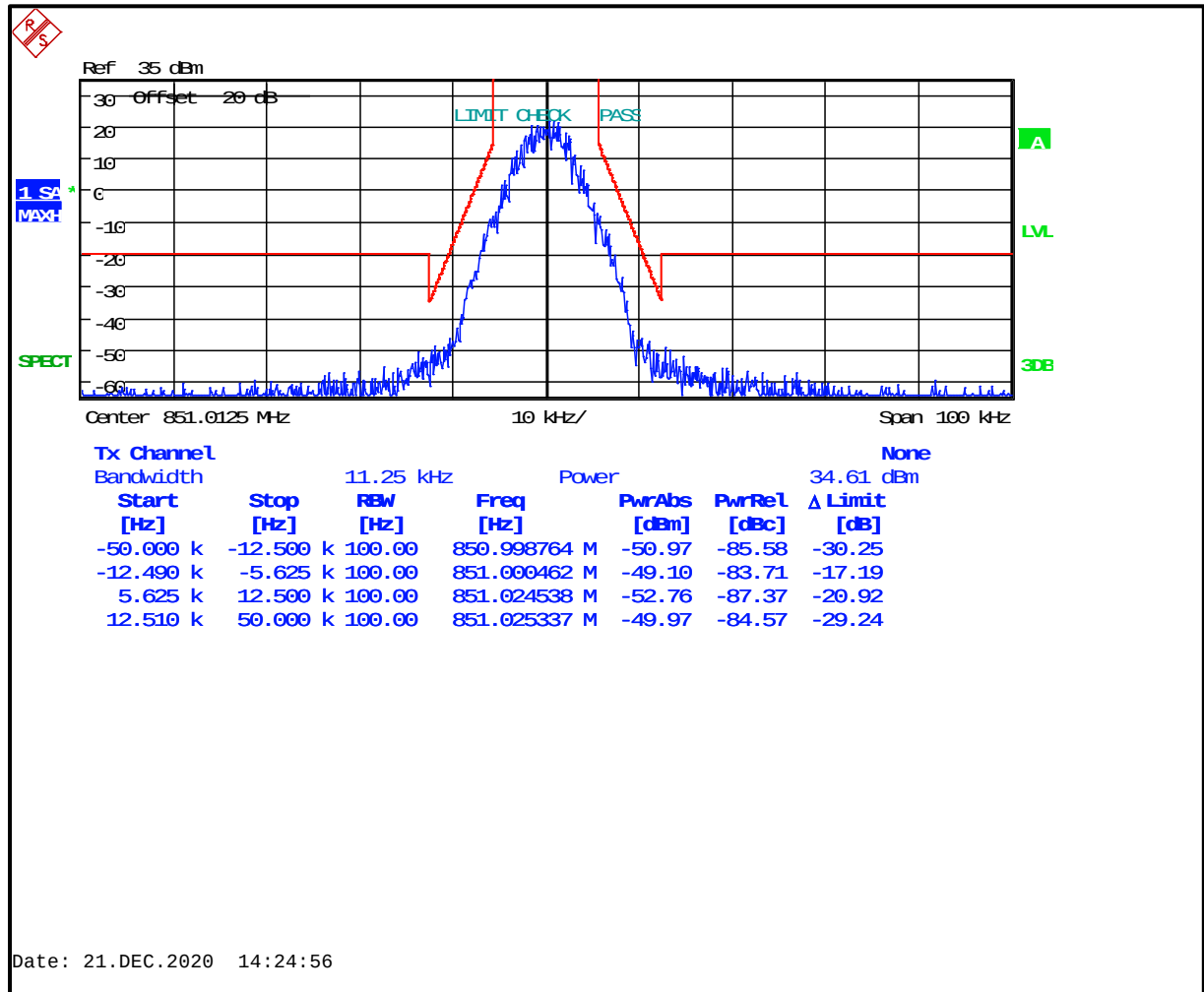
Plot 8-59: Occupied Bandwidth – 824.0125 MHz (EF); C4FM; Mask G



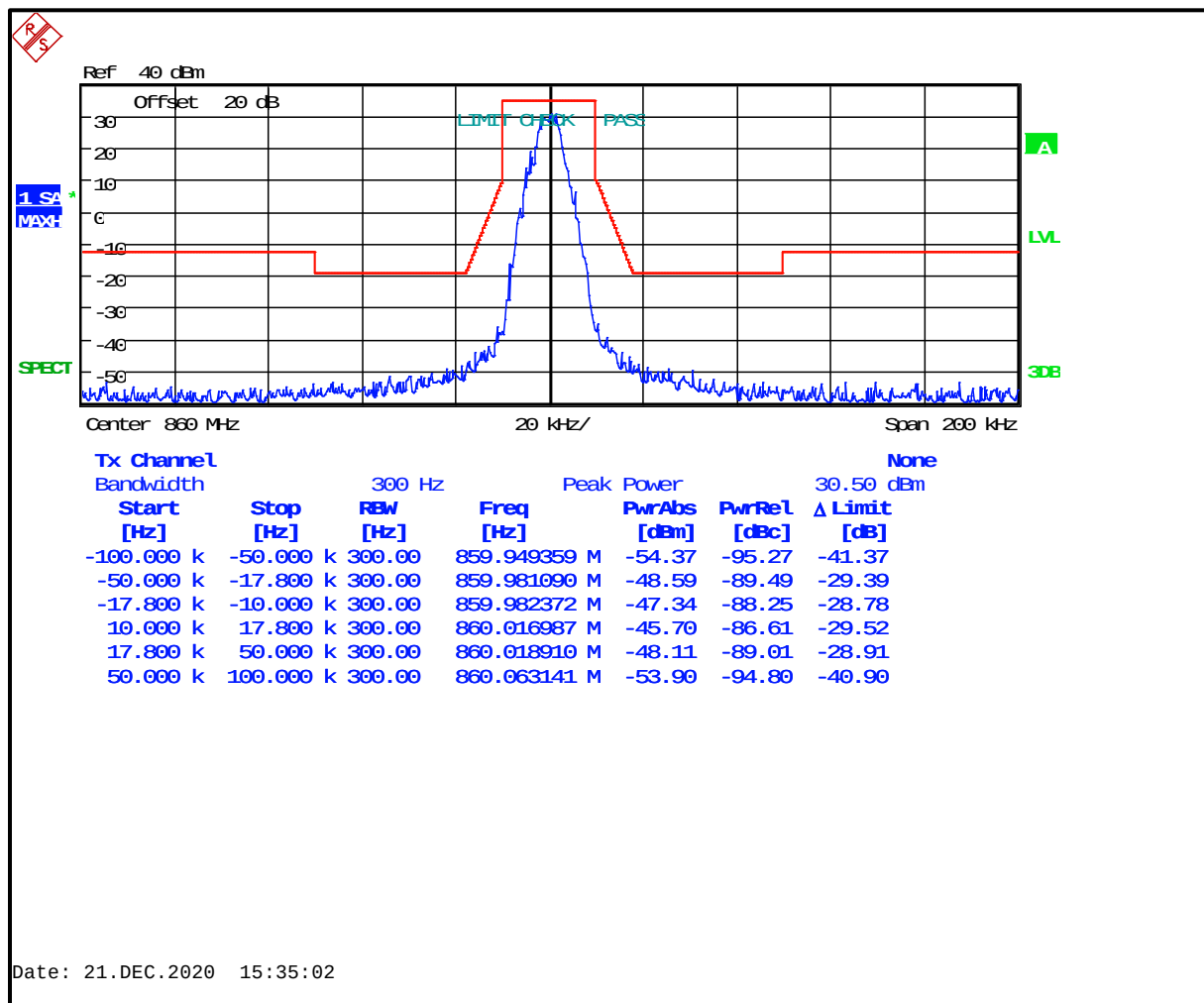
Plot 8-60: Occupied Bandwidth – 851.0125 MHz; C4FM; Mask H



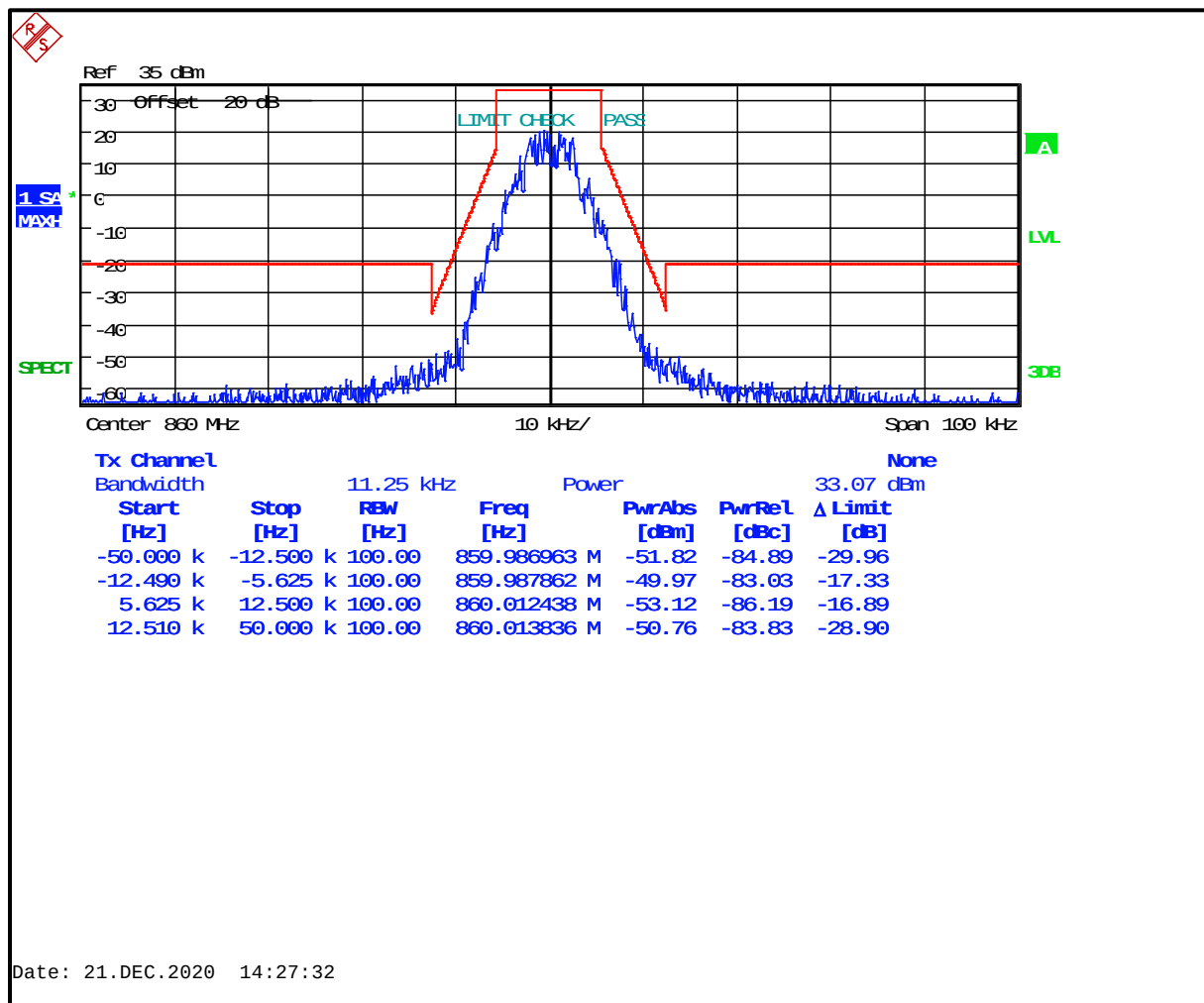
Plot 8-61: Occupied Bandwidth – 851.0125 MHz; C4FM; Mask D (ISED)



Plot 8-62: Occupied Bandwidth – 860.0000 MHz; C4FM; Mask G



Plot 8-63: Occupied Bandwidth – 860.0000 MHz; C4FM; Mask D (ISED)



Plot 8-64: Occupied Bandwidth – 868.9875 MHz; C4FM; Mask G

