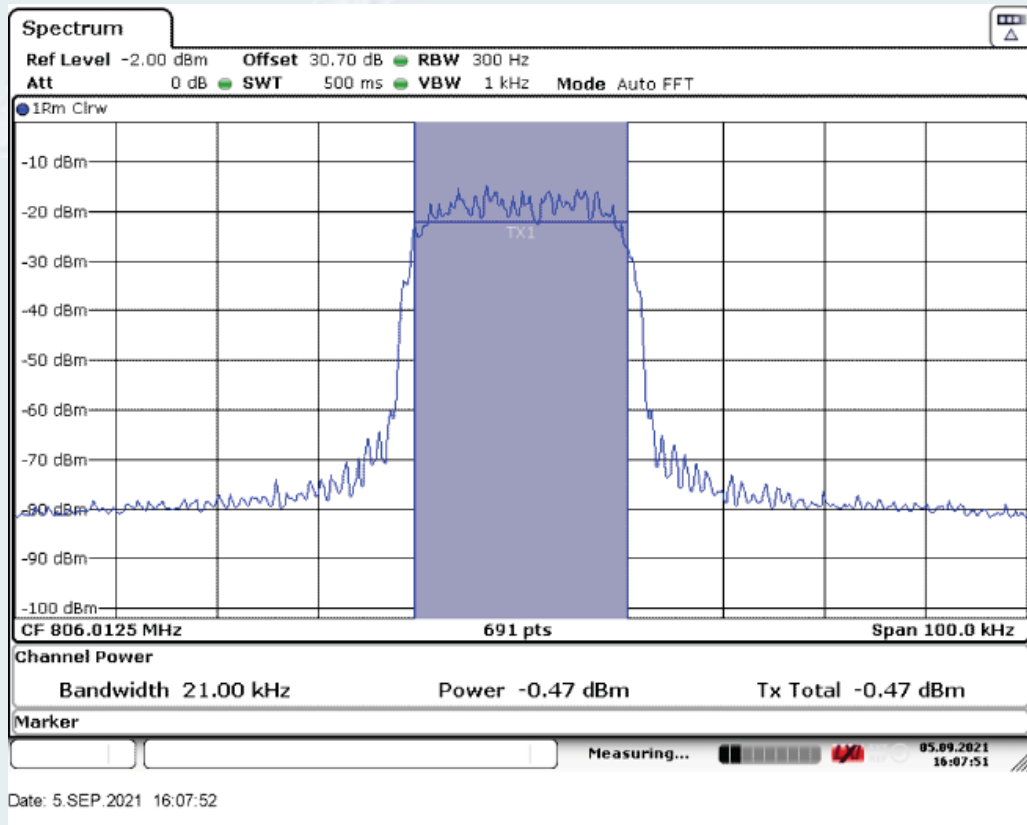
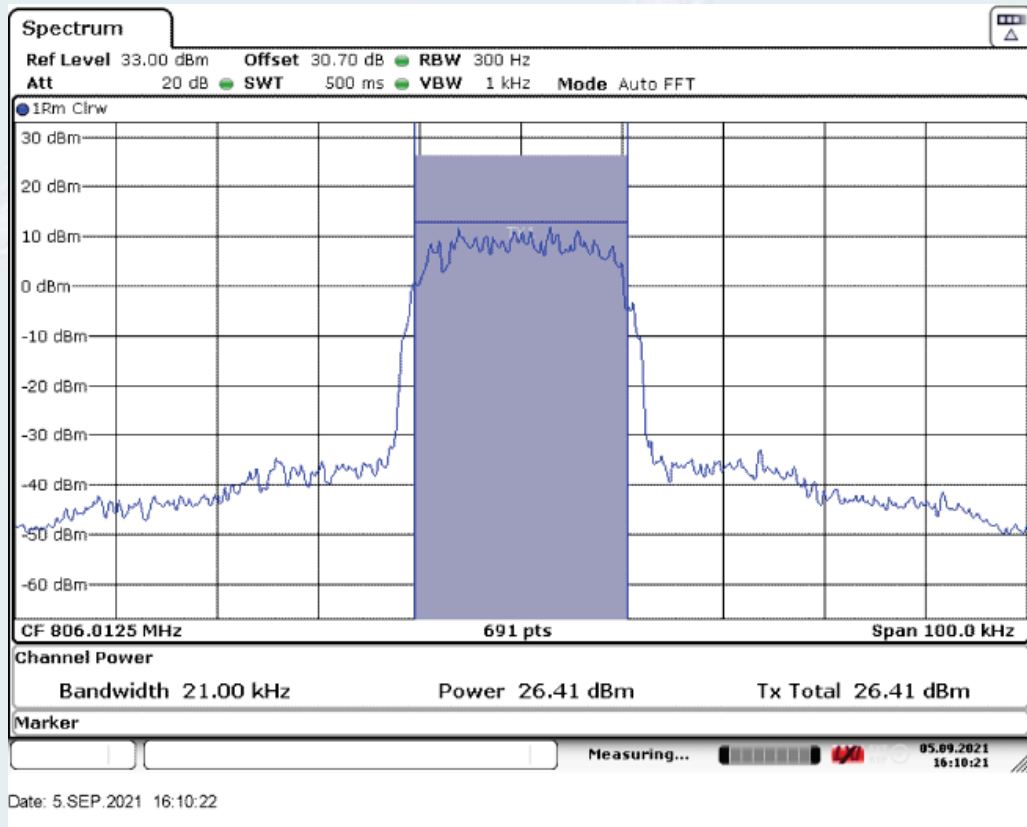


High Frequency: 860.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

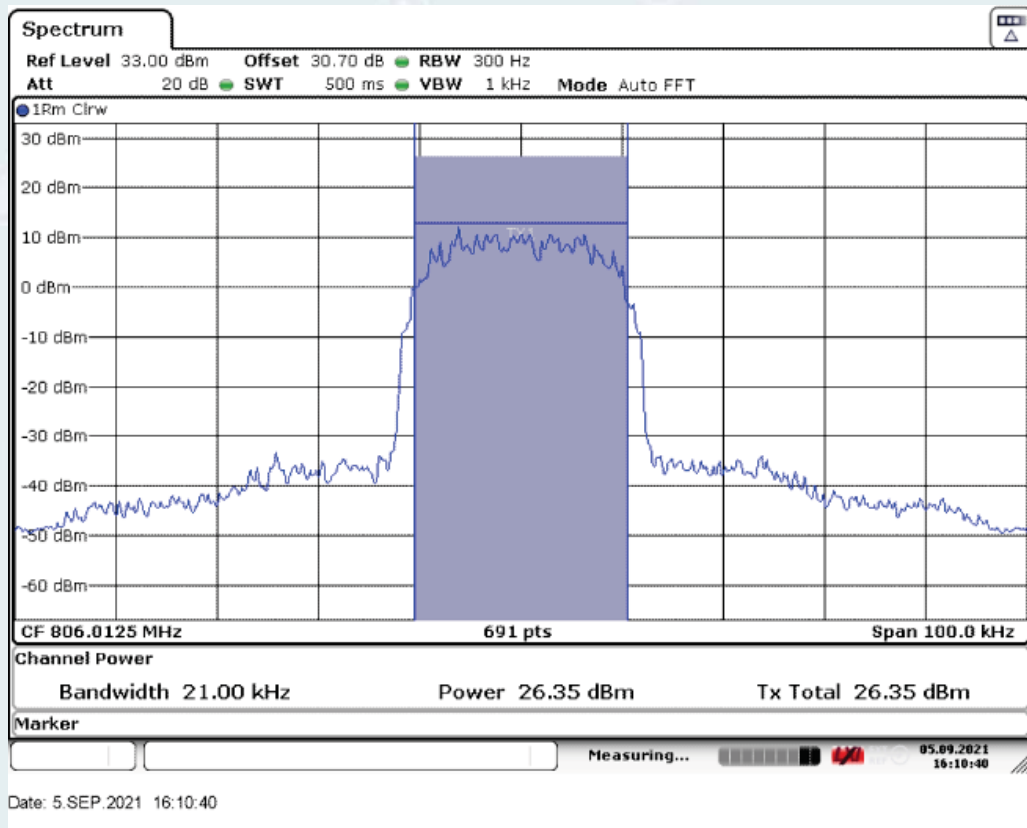
10.5.5.3.2.3.2 Uplink



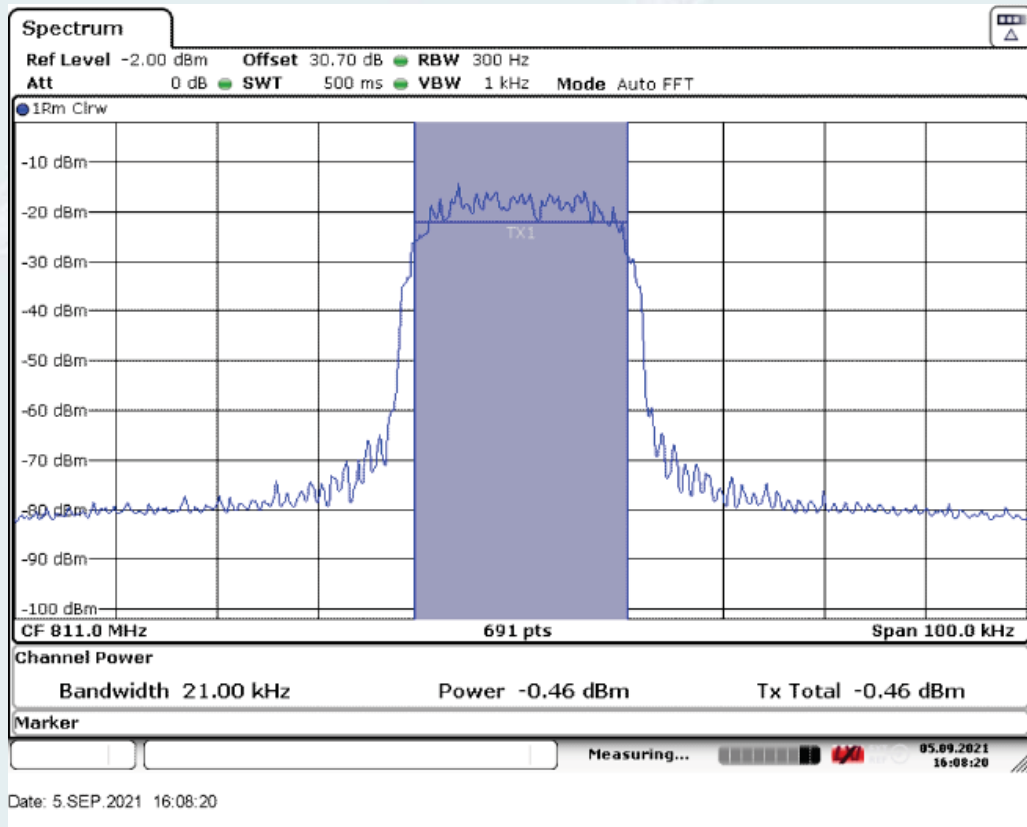
Low Frequency: 806.0125MHz, Input occupied BW



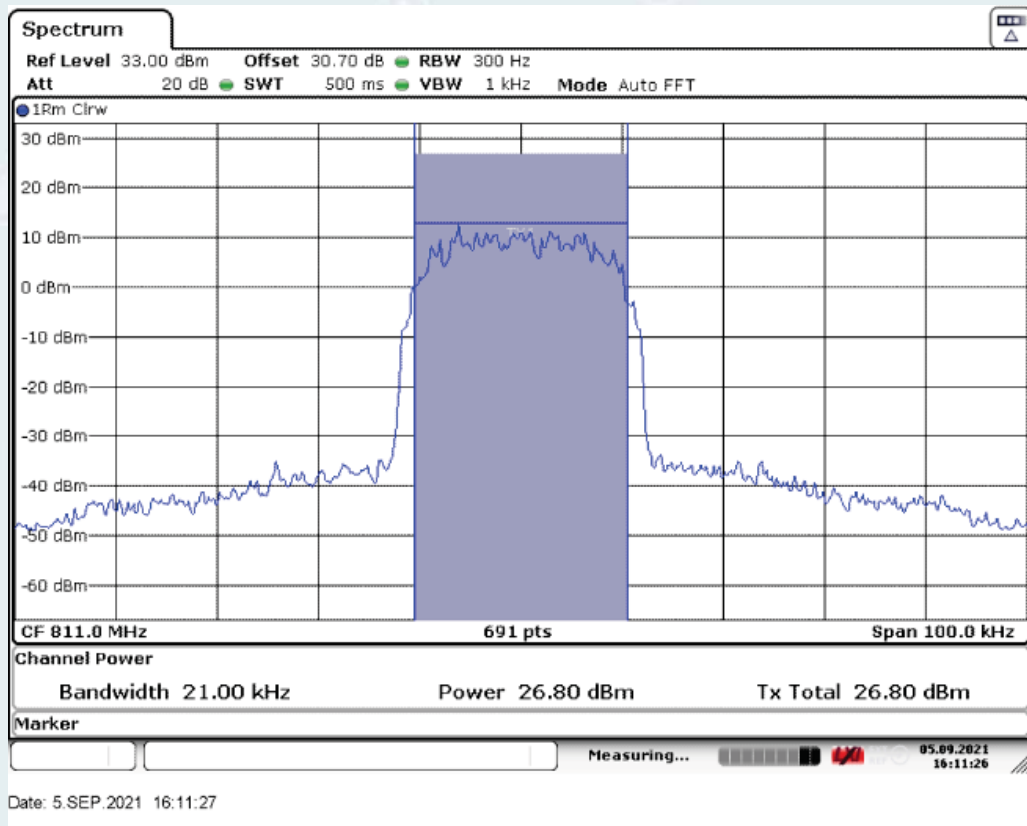
Low Frequency: 806.0125MHz, Output occupied BW(AGC)



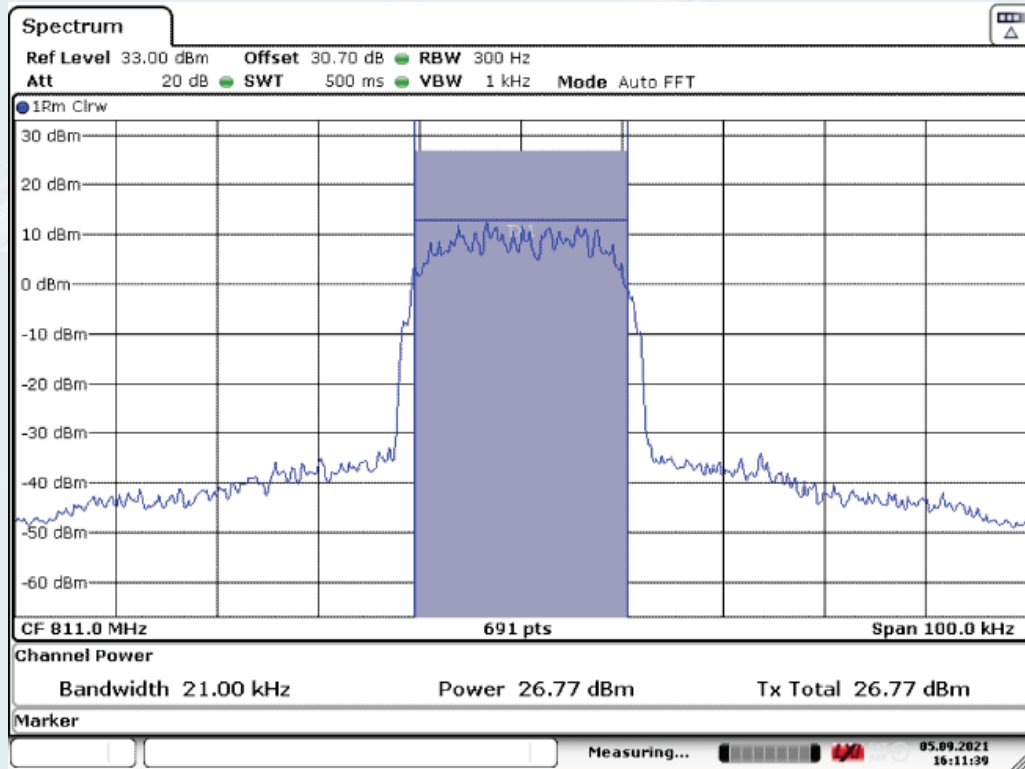
Low Frequency: 806.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



Middle Frequency: 811.0MHz, Input occupied BW

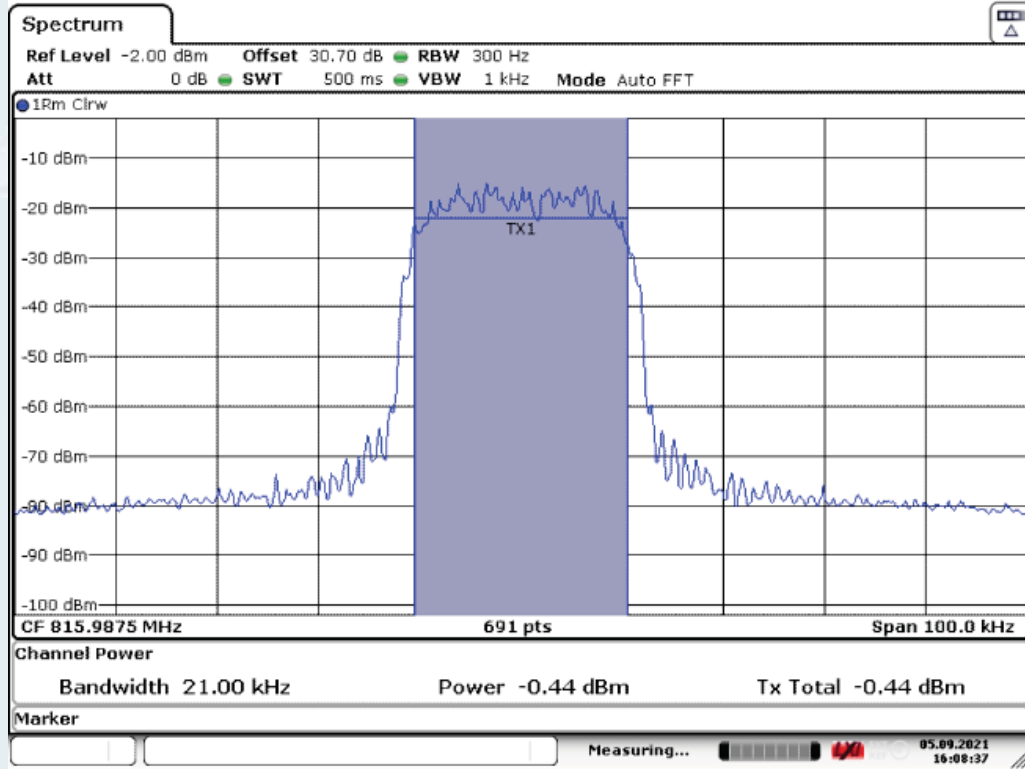


Middle Frequency: 811.0MHz, Output occupied BW(AGC)



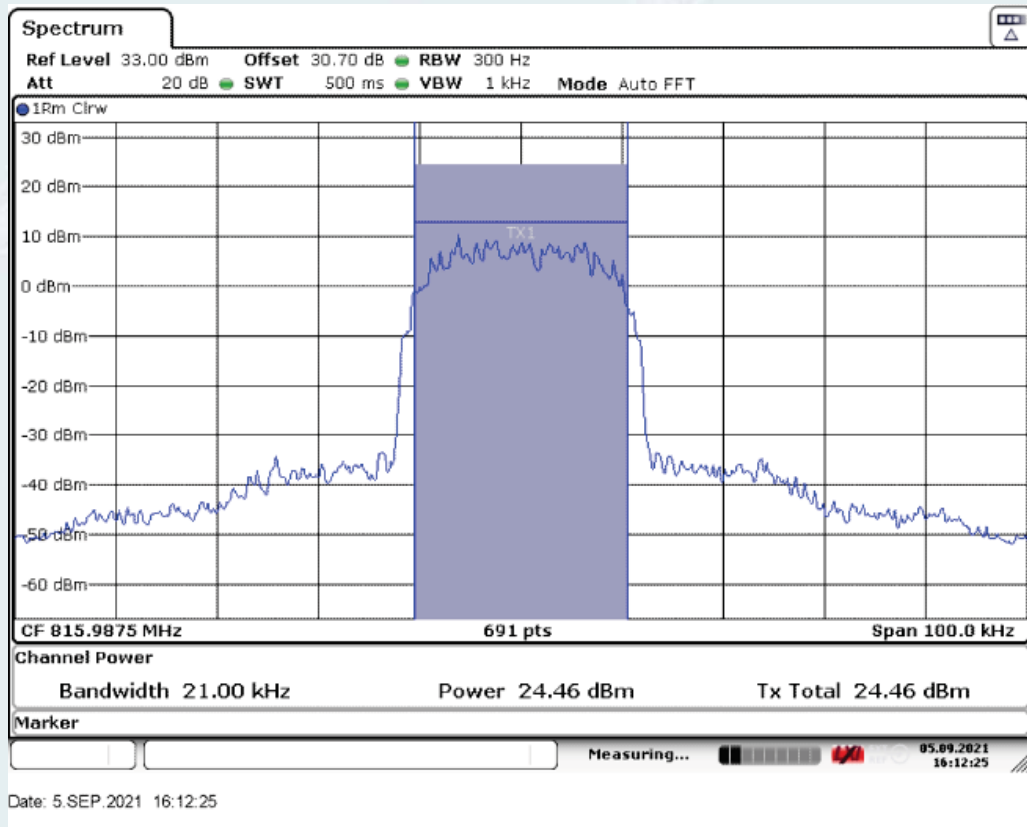
Date: 5.SEP.2021 16:11:38

Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

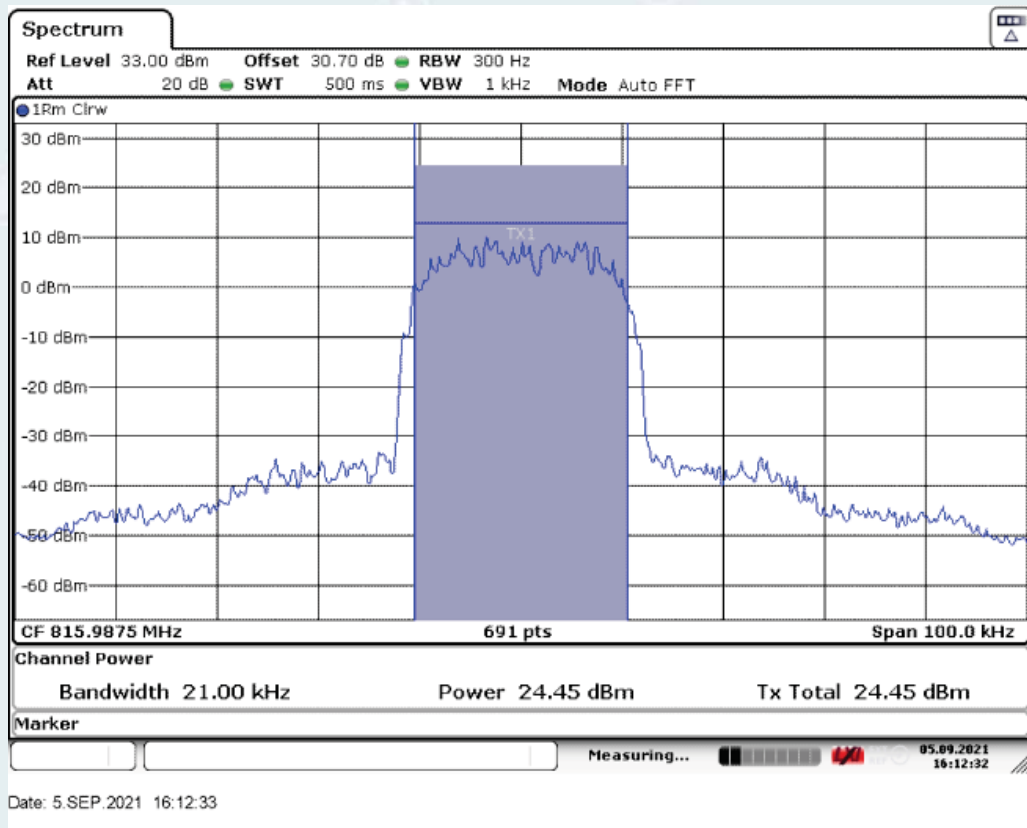


Date: 5.SEP.2021 16:08:37

High Frequency: 815.9875MHz, Input occupied BW



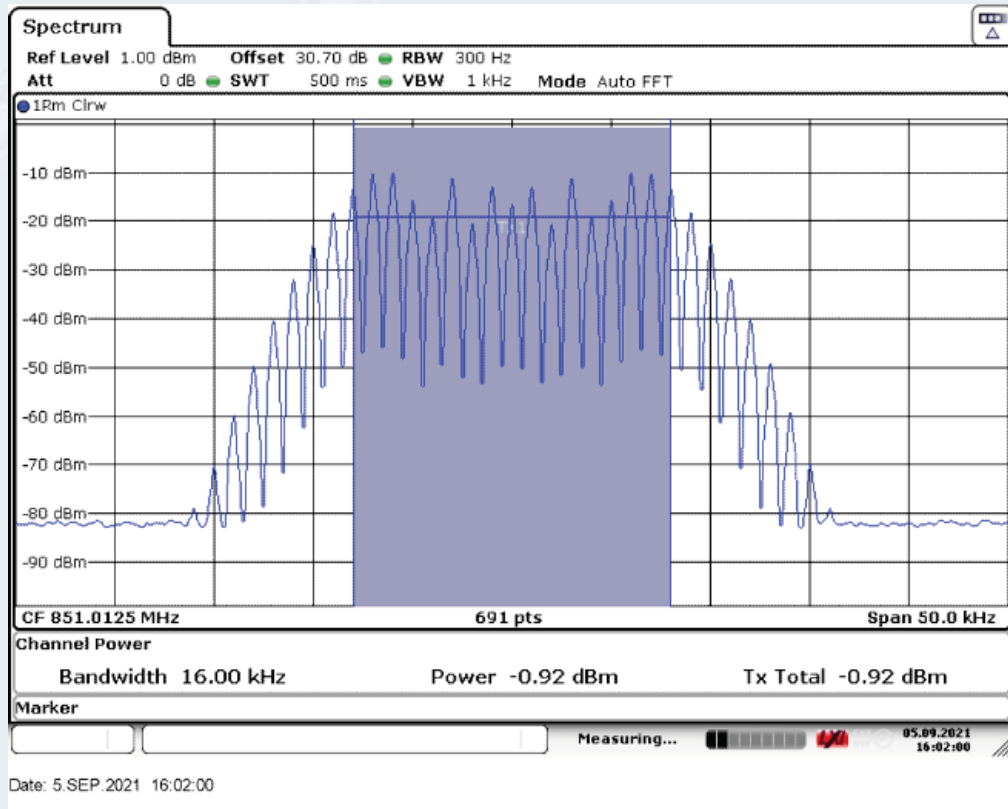
High Frequency: 815.9875MHz, Output occupied BW(AGC)



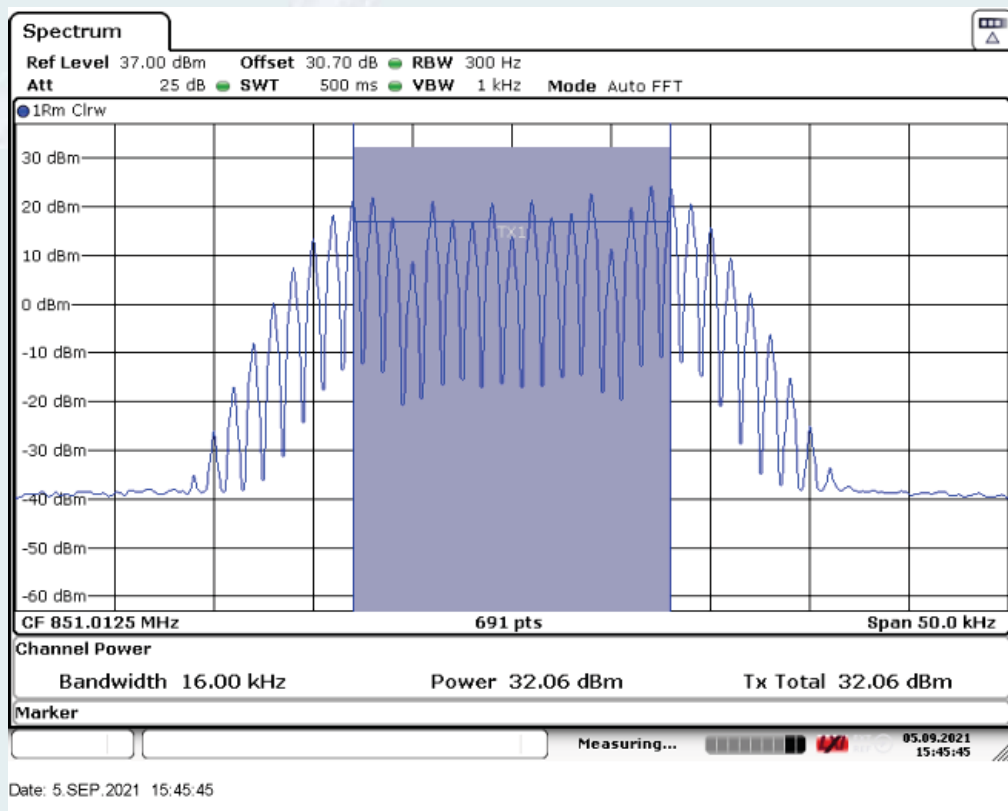
High Frequency: 815.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.2.4 Analog FM mode

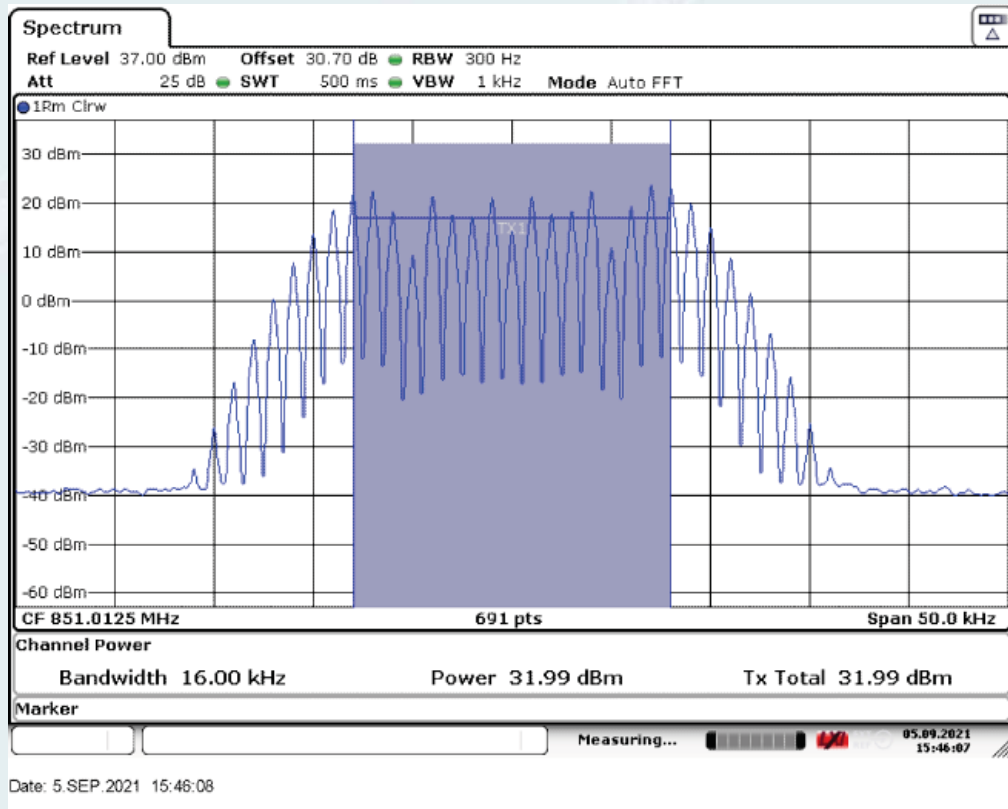
10.5.5.3.2.4.1 Downlink



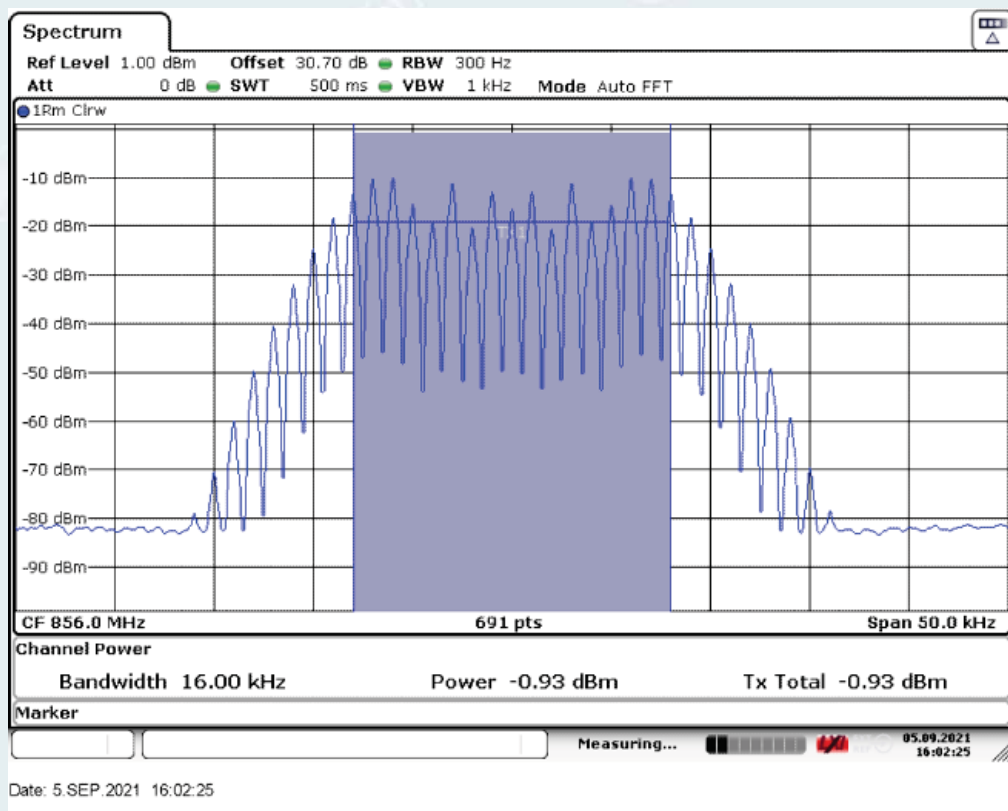
Low Frequency: 851.0125MHz, Input occupied BW



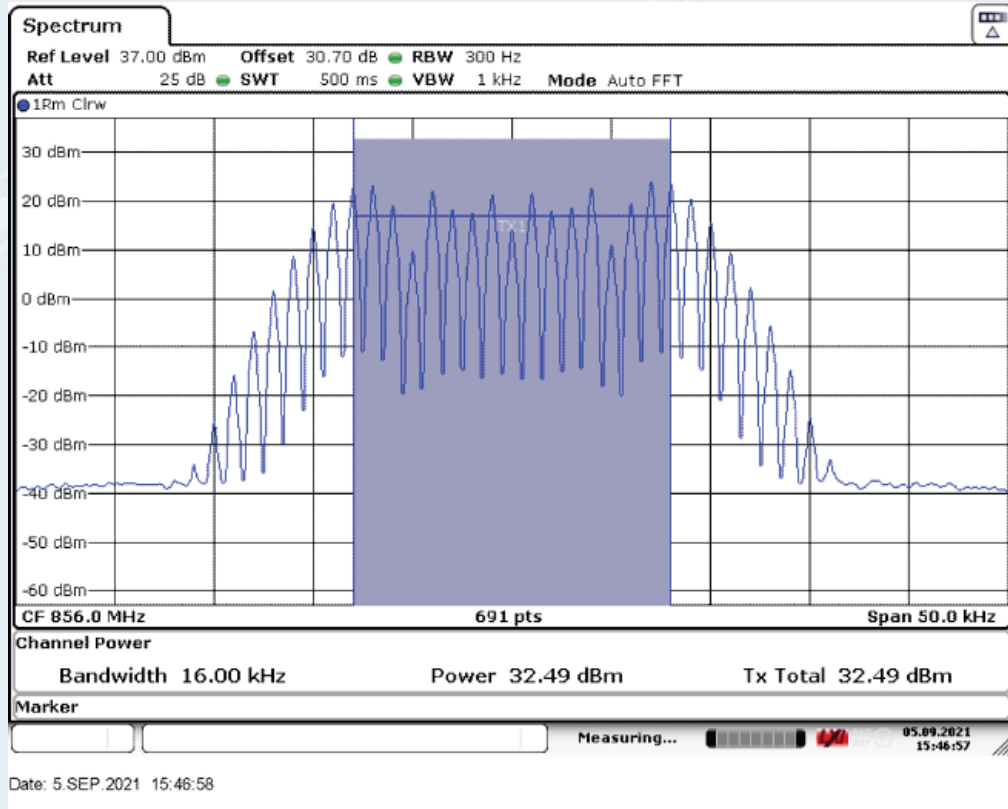
Low Frequency: 851.0125MHz, Output occupied BW(AGC)



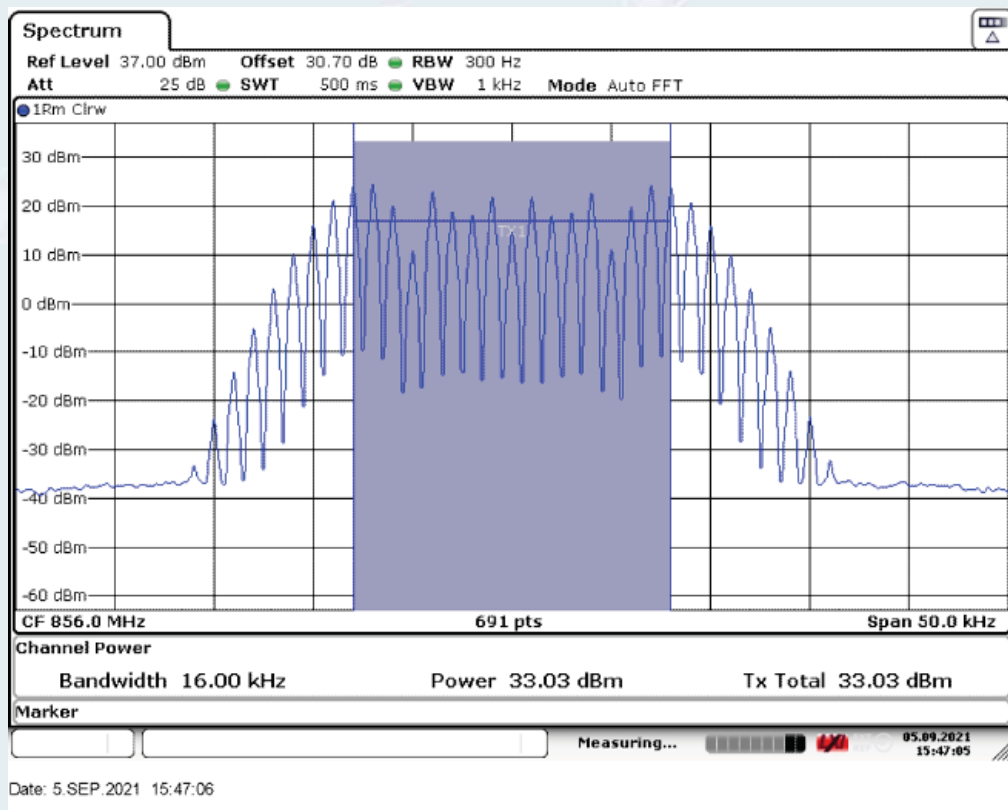
Low Frequency: 851.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



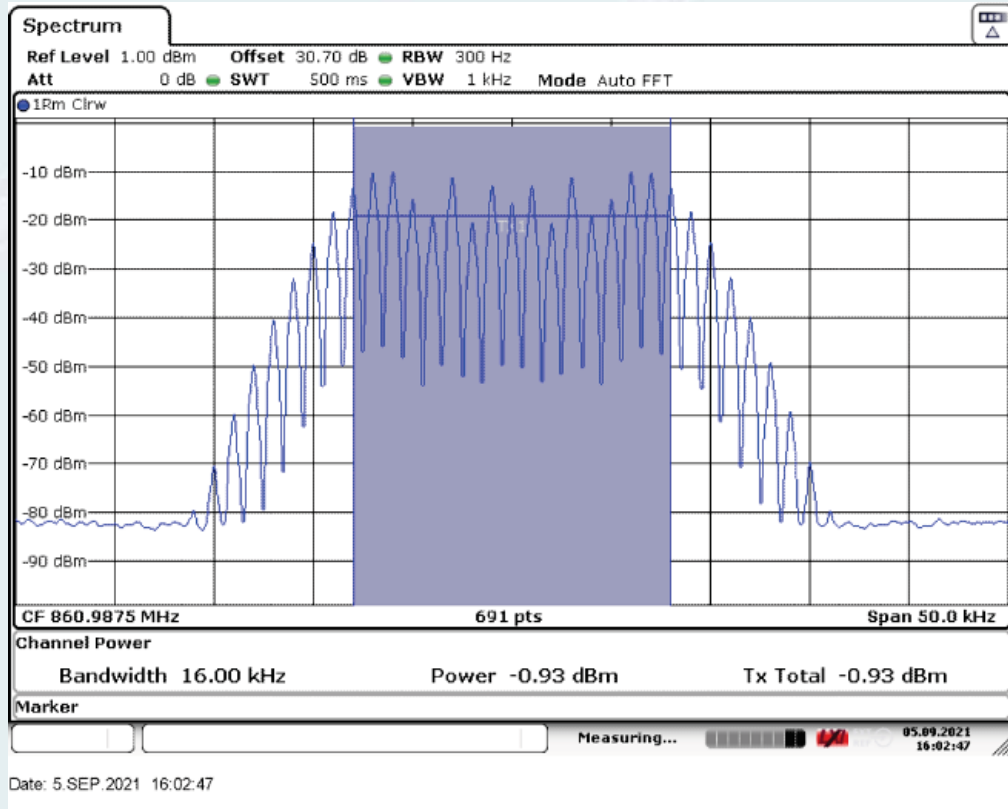
Middle Frequency: 856.0MHz, Input occupied BW



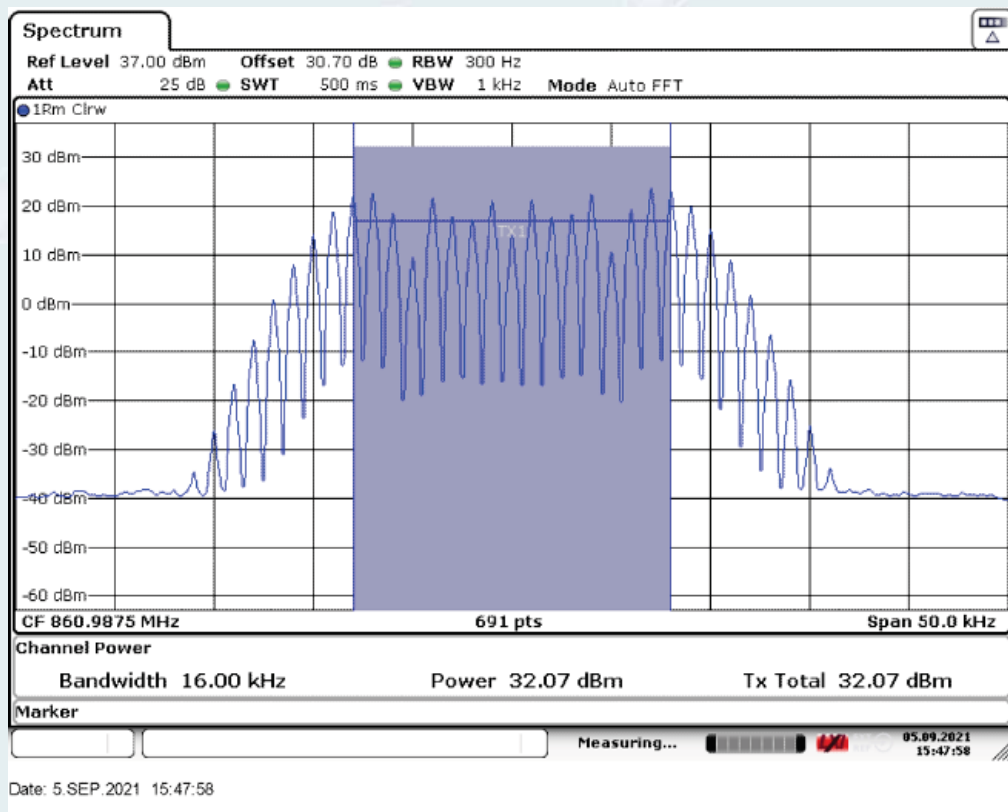
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



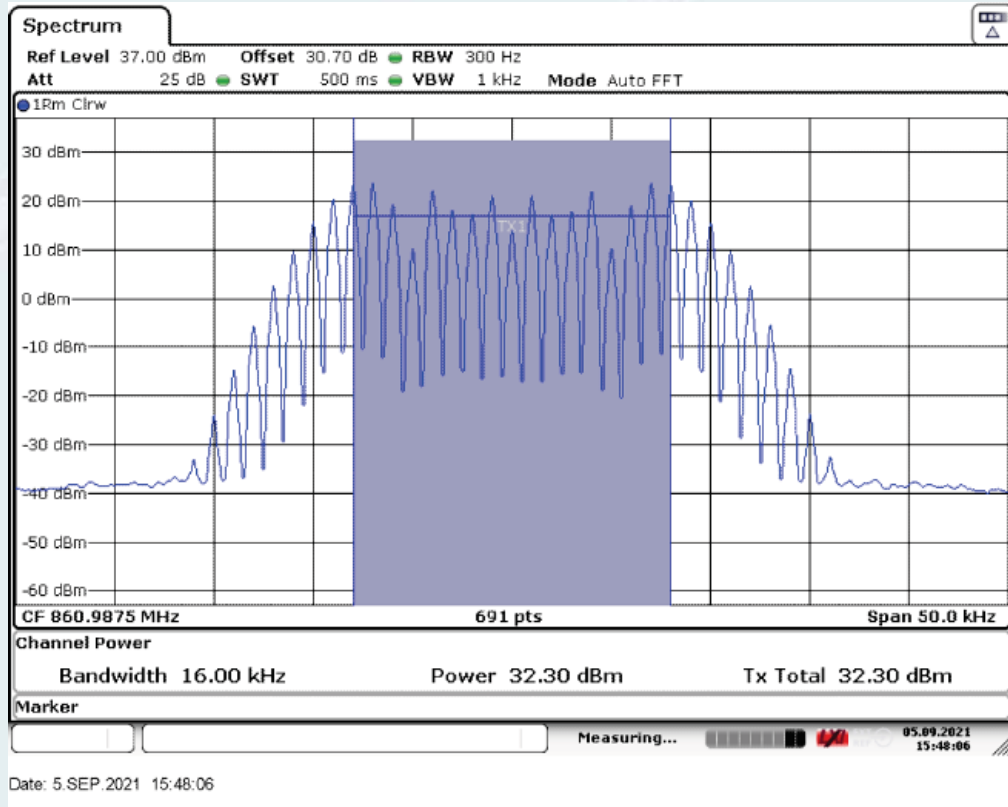
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 860.9875MHz, Input occupied BW

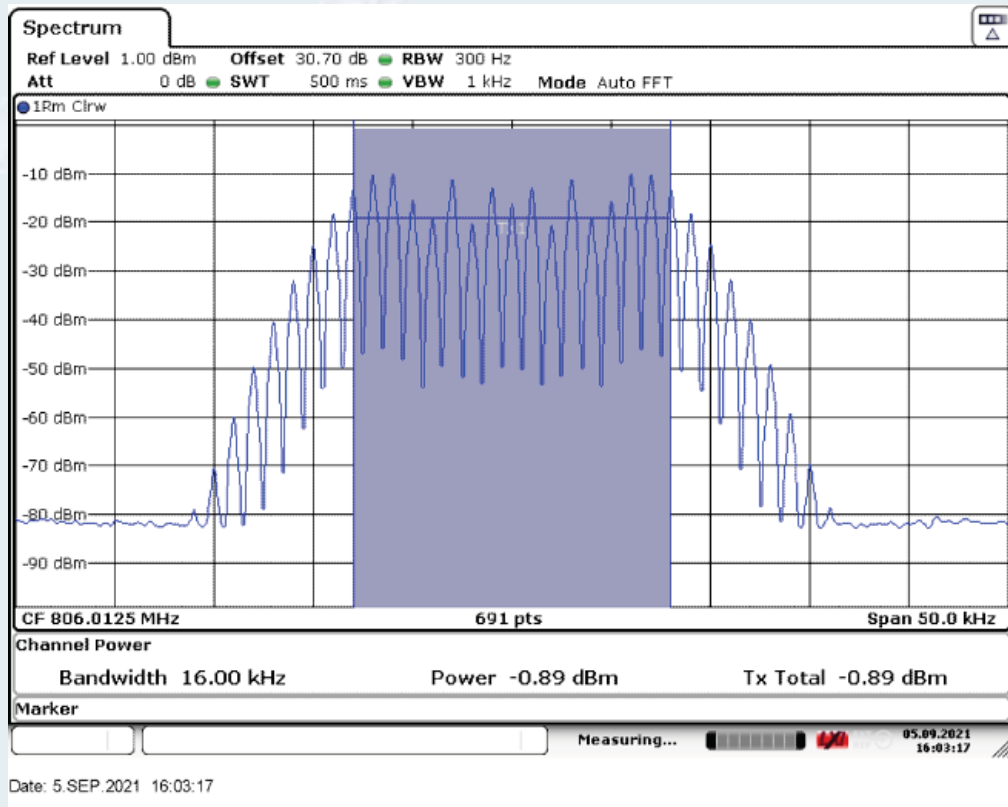


High Frequency: 860.9875MHz, Output occupied BW(AGC)

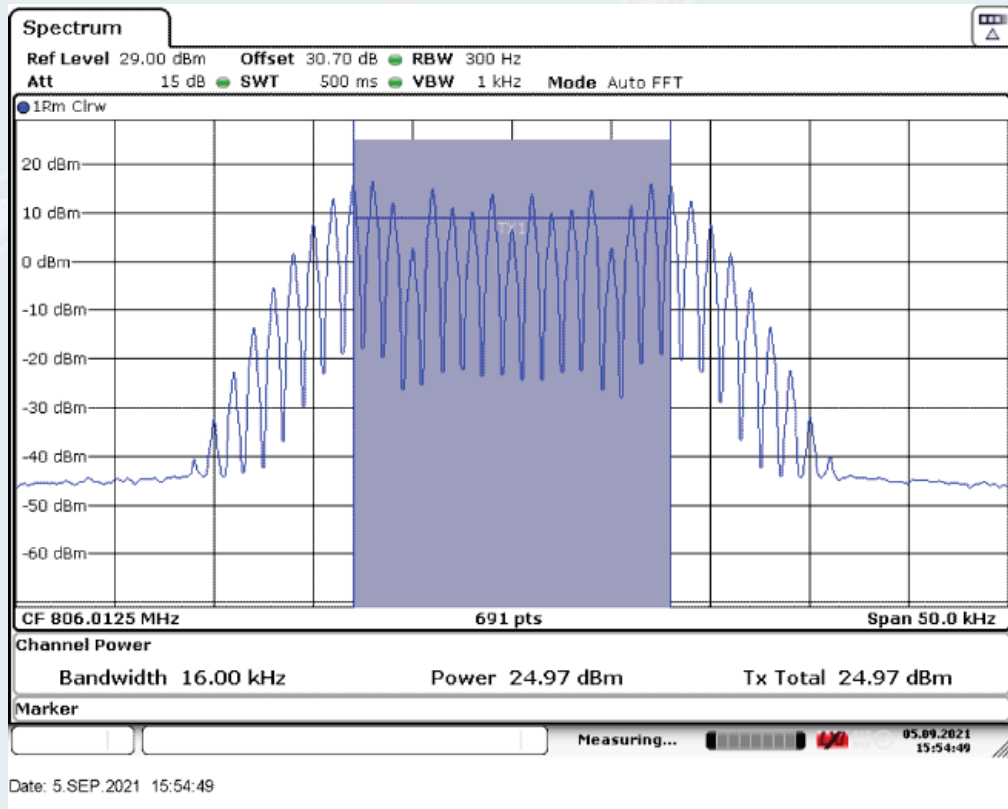


High Frequency: 860.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

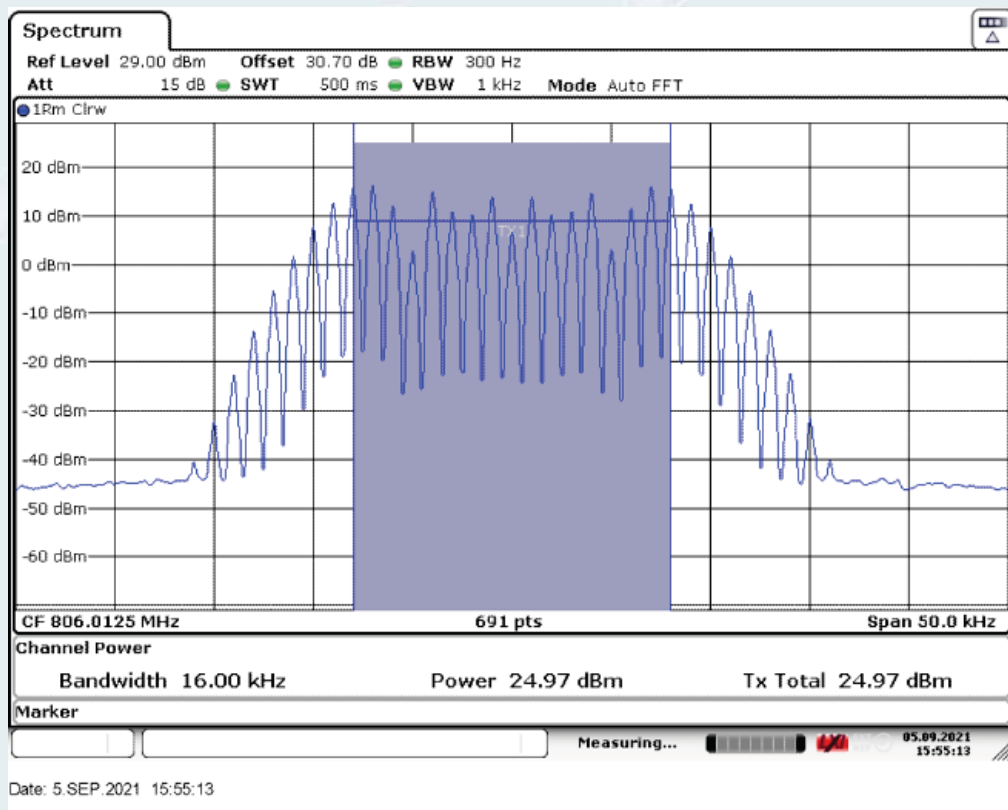
10.5.5.3.2.4.2 Uplink



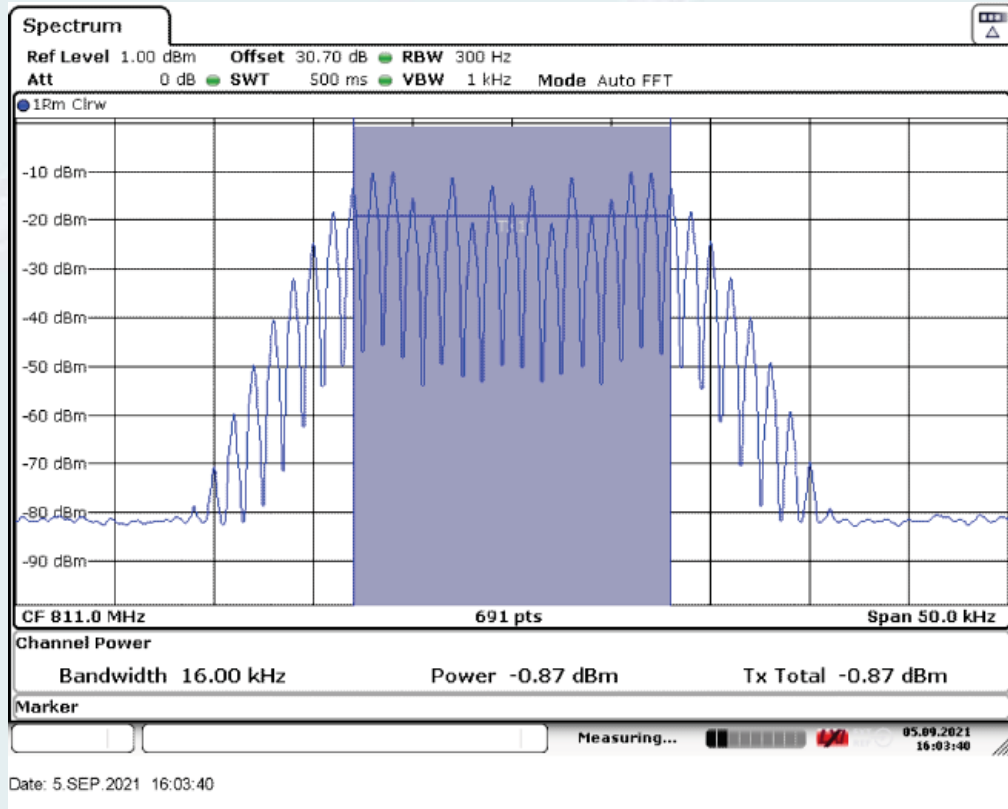
Low Frequency: 806.0125MHz, Input occupied BW



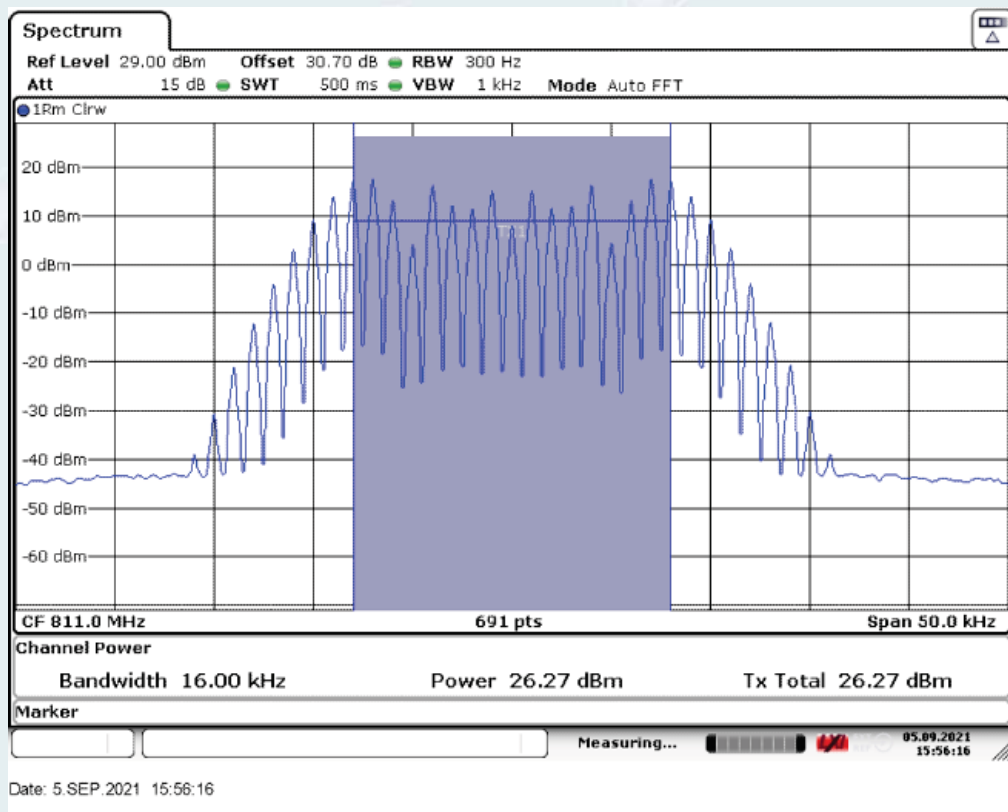
Low Frequency: 806.0125MHz, Output occupied BW(AGC)



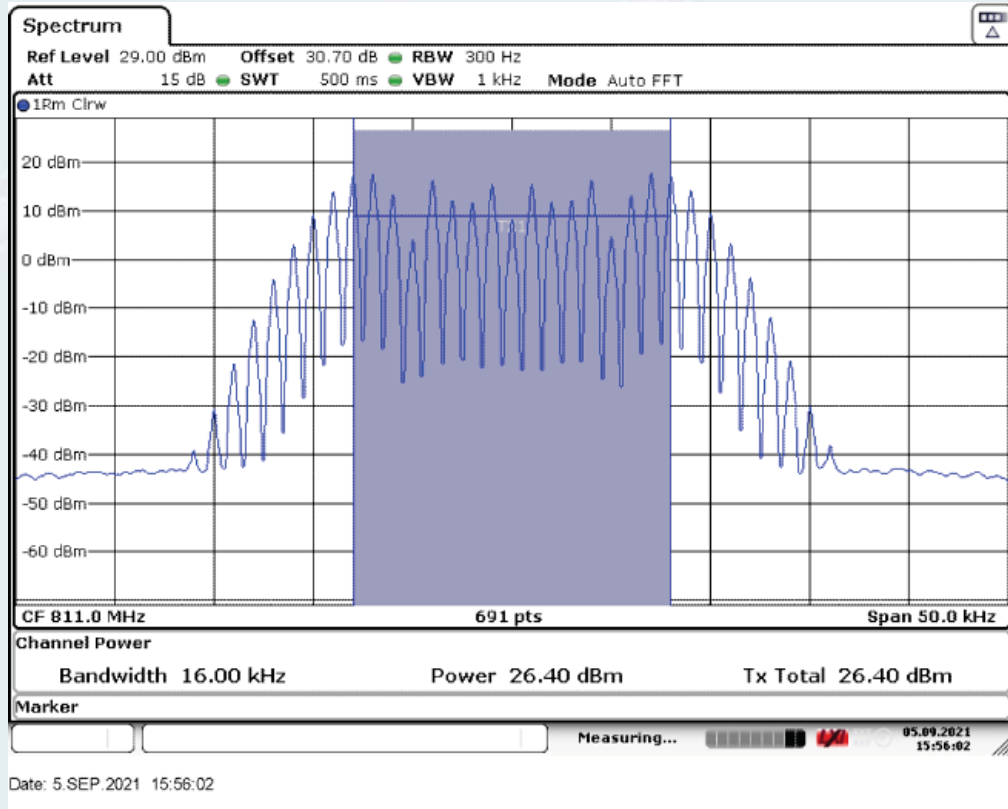
Low Frequency: 806.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



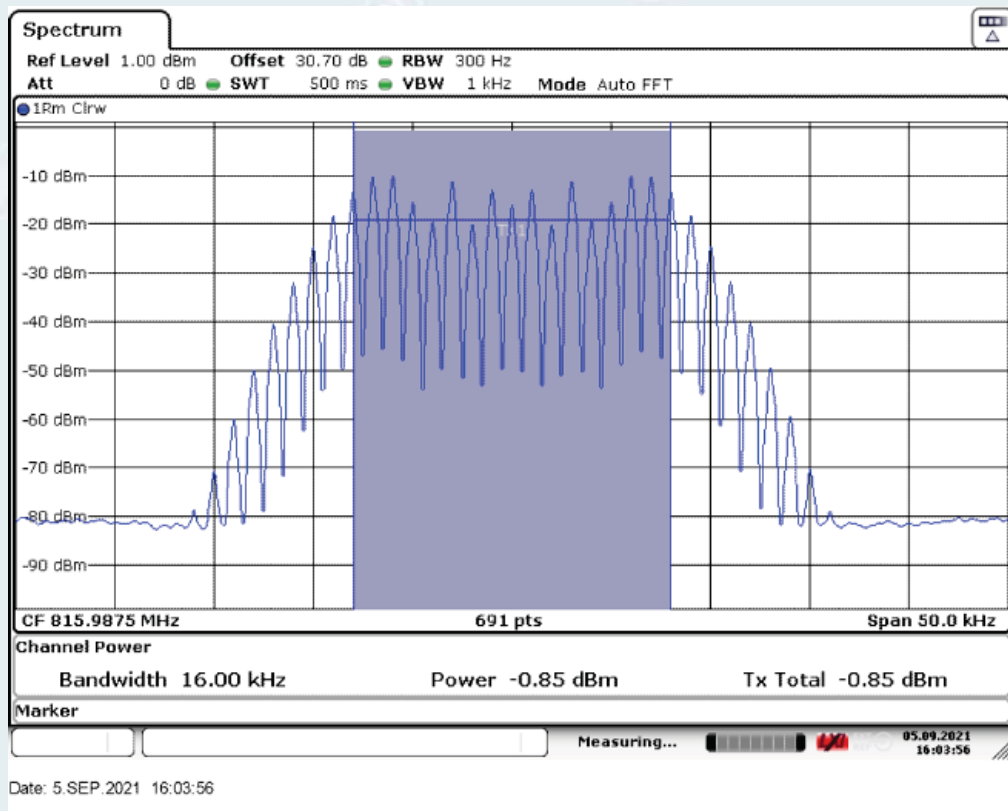
Middle Frequency: 811.0MHz, Input occupied BW



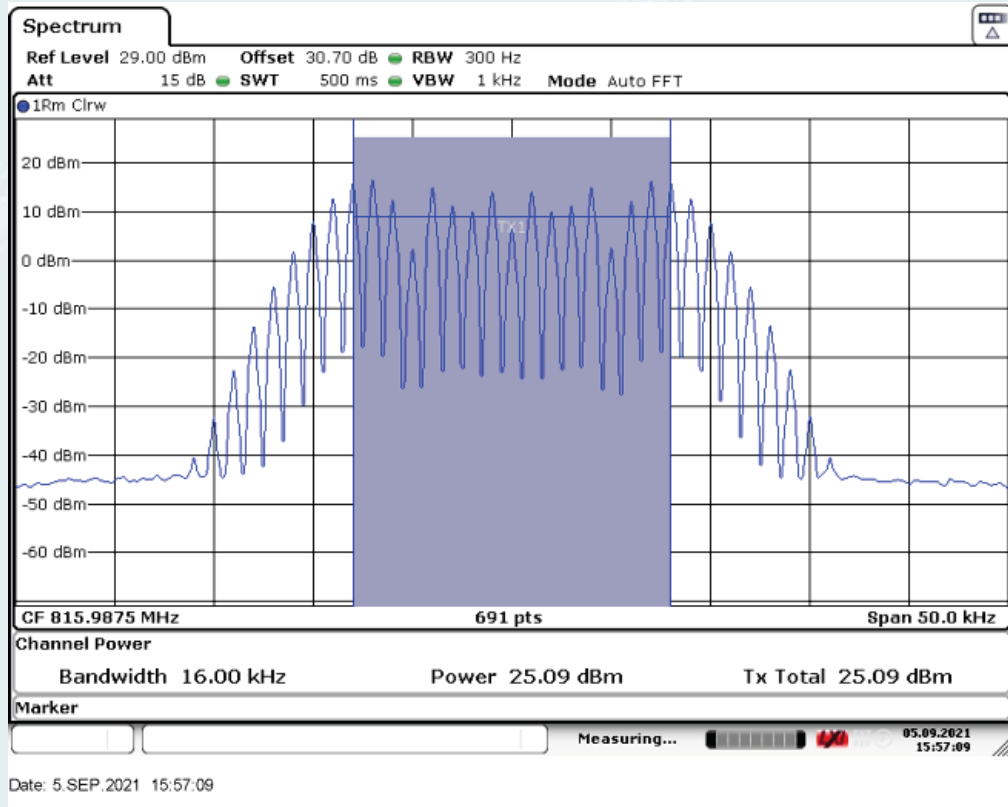
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



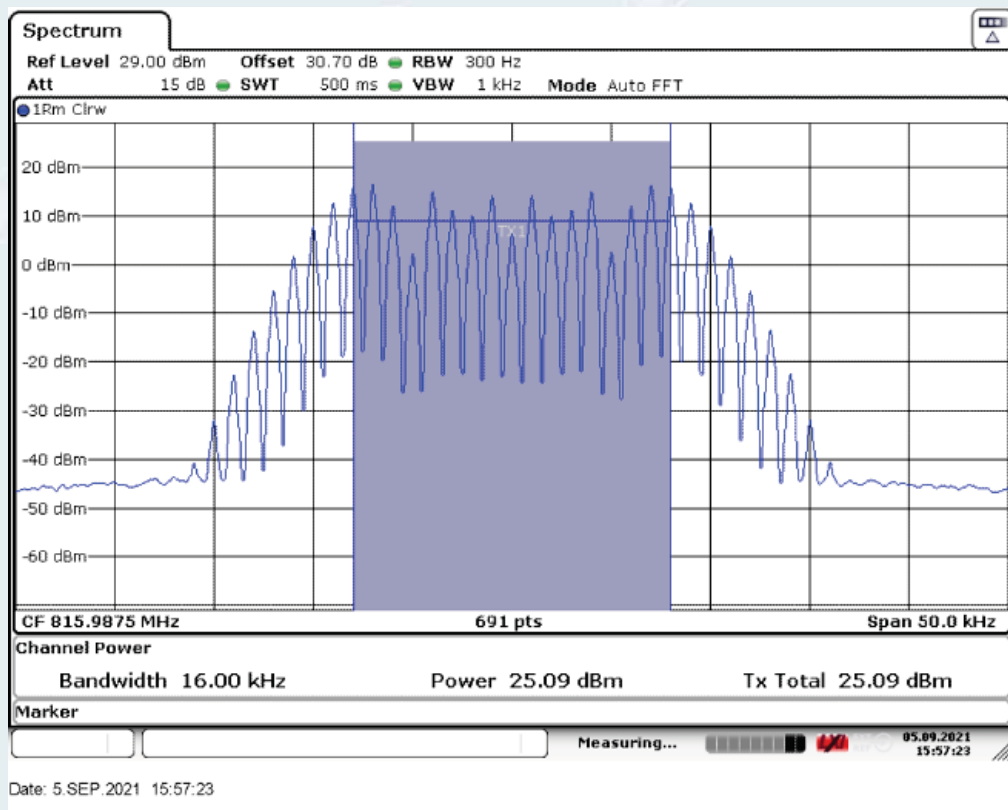
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 815.9875MHz, Input occupied BW



High Frequency: 815.9875MHz, Output occupied BW(AGC)



High Frequency: 815.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.6 Mean power and amplifier/booster gain

Test requirement: KDB 935210 D05 clause 4.5
 FCC PART 90.219 (e)(1)

Test Method: KDB 935210 D05 clause 4.5

10.6.1 Requirements

According to KDB 935210 D05 clause 4.5, the mean input and output power and the amplifier gain was measured by adjusting the internal gain control of the EUT to the maximum gain for which equipment certification is sought. Any EUT attenuation settings were set to their minimum value.

Input power levels (Downlink and Uplink) were set to maximum input ratings while confirming that the device is not capable of operating in saturation (Non-linear mode) at the rated input levels, including during the performance of the input/output power measurements.

FCC PART 90.219 (e)(1) requirement:

(e) Device Specifications. In addition to the general rules for equipment certification in §90.203(a)(2) and part 2, subpart J of this chapter, a signal booster must also meet the rules in this paragraph.

(1) The output power capability of a signal booster must be designed for deployments providing a radiated power not exceeding 5 Watts ERP for each retransmitted channel.

10.6.2 Test configuration

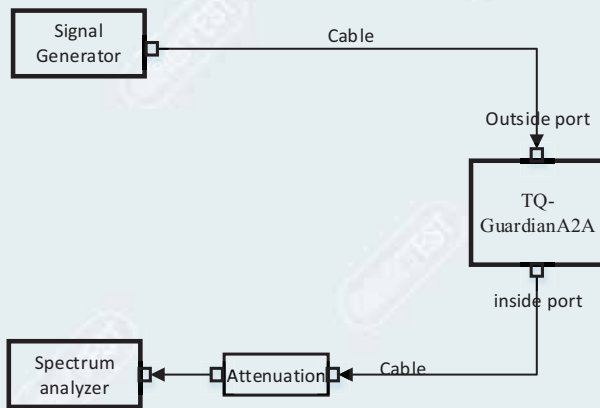


Figure 10.5-1 Downlink connection diagram

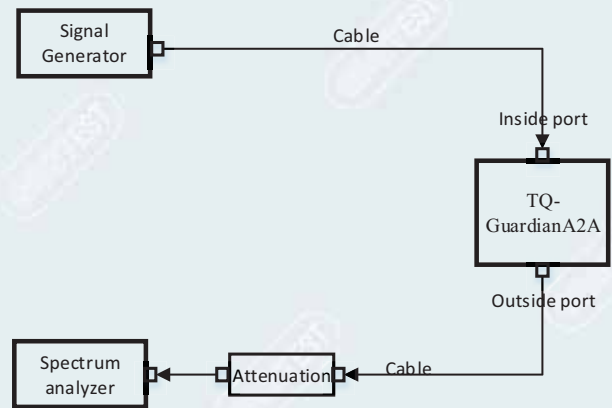


Figure 10.5-2 Uplink connection diagram

10.6.3 Test procedures

- a) Connect a signal generator to the input of the EUT.
- b) Configure to generate the AWGN (broadband) test signal.
- c) The frequency of the signal generator shall be set to the frequency f_0 as determined from 3.3.
- d) Connect a spectrum analyzer or power meter to the output of the EUT using appropriate attenuation as necessary.
- e) Set the signal generator output power to a level that produces an EUT output level that is just below the AGC threshold (see 3.2), but not more than 0.5 dB below.
- f) Measure and record the output power of the EUT; use 3.5.3 or 3.5.4 for power measurement.
- g) Remove the EUT from the measurement setup. Using the same signal generator settings, repeat the power measurement at the signal generator port, which was used as the input signal to the EUT, and record as the input power. EUT gain may be calculated as described in 3.5.5.
- h) Repeat steps f) and g) with input signal amplitude set to 3 dB above the AGC threshold level.
- i) Repeat steps e) to h) with the narrowband test signal.
- j) Repeat steps e) to i) for all frequency bands authorized for use by the EUT.

10.6.4 Test results

Test Date (yy-mm-dd): 2021-09-04

Normal condition: Temp: 25.2°C, Humid:51%, Atmospheric Pressure:101kpa

Supply Voltage: AC 110V, 50Hz

10.6.4.1 Mean power and gain

10.6.4.1.1 700MHz Band

10.6.4.1.1.1 Downlink: 769~775MHz/ Uplink: 799~805MHz

Test link	Freq. (MHz)	Signal output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten (dB)	Output Cable Loss (dB)	Output power (dBm)	Output power (W)	Gain (dB)
Down ⁽¹⁾	772	-54.3	1.0	2.1	30.0	1.0	33.1	2.041	88.4
Down ⁽²⁾	772	-51.3	1.0	2.0	30.0	1.0	33.0	1.995	85.3
Up ⁽¹⁾	802	-61.8	1.0	-3.1	30.0	1.0	25.9	0.389	88.7
Up ⁽²⁾	802	-58.8	1.0	-3.0	30.0	1.0	26.0	0.398	85.8

NOTE: ⁽¹⁾ Level is 0.5 dB below AGC threshold; ⁽²⁾ Level is 3dB above AGC threshold.

10.6.4.1.2 800MHz Band

10.6.4.1.2.1 Downlink: 851~861MHz/ Uplink: 806~816MHz

Test link	Freq. (MHz)	Signal output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten (dB)	Output Cable Loss (dB)	Output power (dBm)	Output power (W)	Gain (dB)
Down ⁽¹⁾	856.0	-54.0	1.0	3.5	30.0	1.0	34.5	2.818	88.5
Down ⁽²⁾	856.0	-51.0	1.0	3.4	30.0	1.0	34.4	2.754	88.4
Up ⁽¹⁾	811.0	-50.9	1.0	-4.1	30.0	1.0	26.9	0.490	77.8
Up ⁽²⁾	811.0	-47.9	1.0	-4.1	30.0	1.0	26.9	0.490	74.8

NOTE: ⁽¹⁾ Level is 0.5 dB below AGC threshold; ⁽²⁾ Level is 3dB above AGC threshold.

10.6.4.2 ERP Calculations

10.6.4.2.1 700MHz Band

10.6.4.2.1.1 Downlink: 769~775MHz/ Uplink: 799~805MHz

Test link	Freq. (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	Duty Cycle (%)	ERP (W)	ERP Limit (W)	AGC Mode
Down	772	33.1	2.0	100	3.236	5	-0.5dB Below
Down	772	33.0	2.0	100	3.162	5	+3.0dB above
Up	802	25.9	9.0	100	3.090	5	-0.5dB Below
Up	802	26.0	9.0	100	3.162	5	+3.0dB above

10.6.4.2.2 800MHz Band

10.6.4.2.2.1 Downlink: 851~861MHz/ Uplink: 806~816MHz

Test link	Freq. (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	Duty Cycle (%)	ERP (W)	ERP Limit (W)	AGC Mode
Down	856.0	34.5	2.0	100	4.467	5	-0.5dB Below
Down	856.0	34.4	2.0	100	4.365	5	+3.0dB above
Up	811.0	26.9	9.0	100	3.890	5	-0.5dB Below
Up	811.0	26.9	9.0	100	3.890	5	+3.0dB above

10.7 Noise figure

Test requirement: KDB 935210 D05 clause 4.6
 FCC PART 90.219 (e)(2)

Test Method: KDB 935210 D05/4.6

10.7.1 Requirements

According to FCC PART 90 § 90.219 (e) (2) requirement, the noise figure limit of a signal booster must be given in table 10.7-1.

Table 10.7-1 Noise figure limits

frequency range(MHz)	Max. Noise figure limit(dB)
769-775/799~805	9
851-861/806-816	9

10.7.2 Test configuration

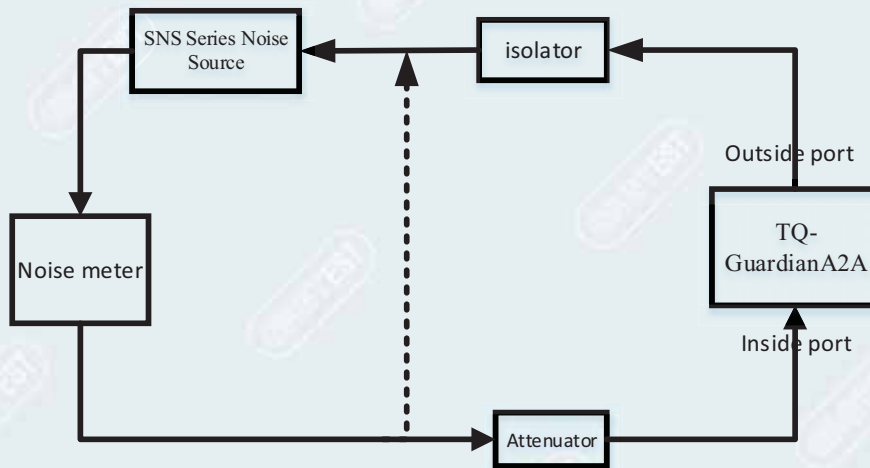


Figure 10.7-1 Downlink connection diagram

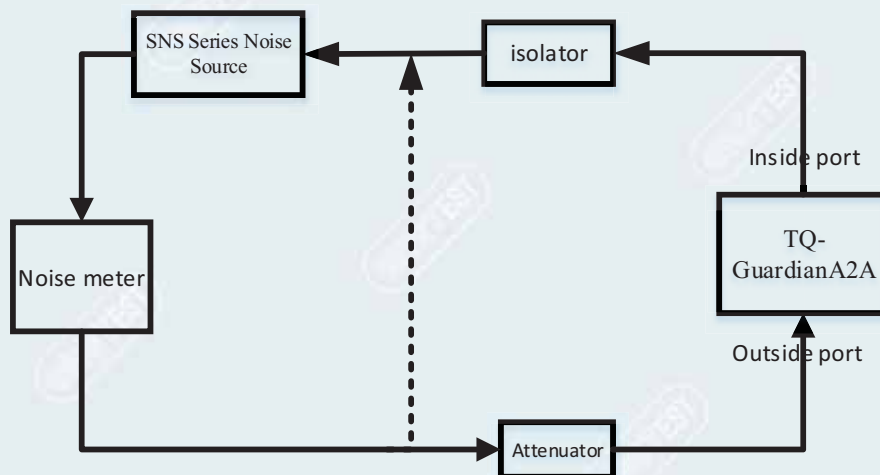


Figure 10.7-2 Uplink connection diagram

10.7.3 Test procedures

- (1) Connect the device as illustrated Figure, when the output power is over the maximum value of the Noise meter, add the attenuator to avoid destroying;
- (2) Set the EUT operating band and maximum gain;
- (3) Set the relevant parameters for 700MHz of device and connect the dotted line to calibrate;
- (4) After calibrating , According to the solid line connecting and testing Noise figure and record data;
- (5) Repeat RF channels to be tested for 800MHz of device and Repeat steps (2) to (4);

10.7.4 Test results

Test Date (yy-mm-dd): 2021-09-10

Normal condition: Temp: 26.3°C, Humid: 57%, Atmospheric Pressure:101kpa

Supply Voltage: AC 110V, 60Hz

10.7.4.1 700MHz Band

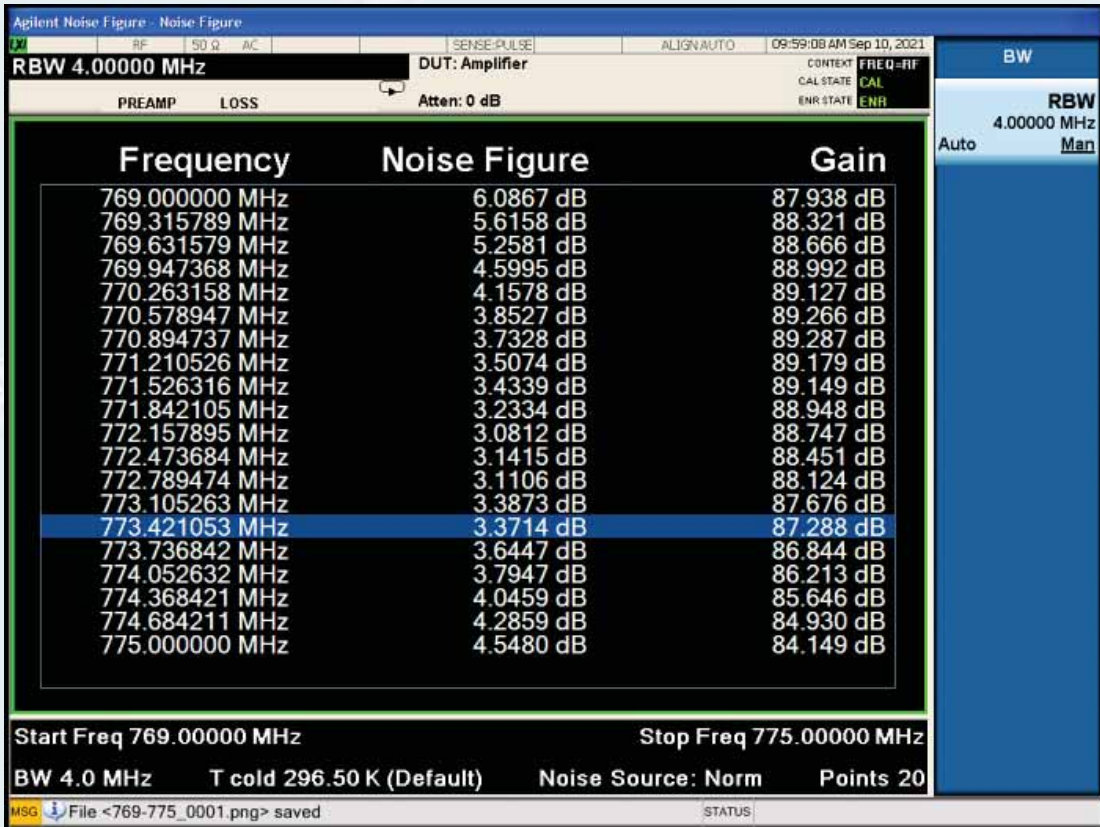
Frequency(MHz)	Max. Limit (dB)	Noise figure data (dB)	Margin (dB)	Result
Downlink: 769~775	9	6.09	2.91	PASS
Uplink: 799~805	9	7.02	1.98	PASS
NOTE : Margin= specification limit - Noise figure data.				

10.7.4.2 800MHz Band

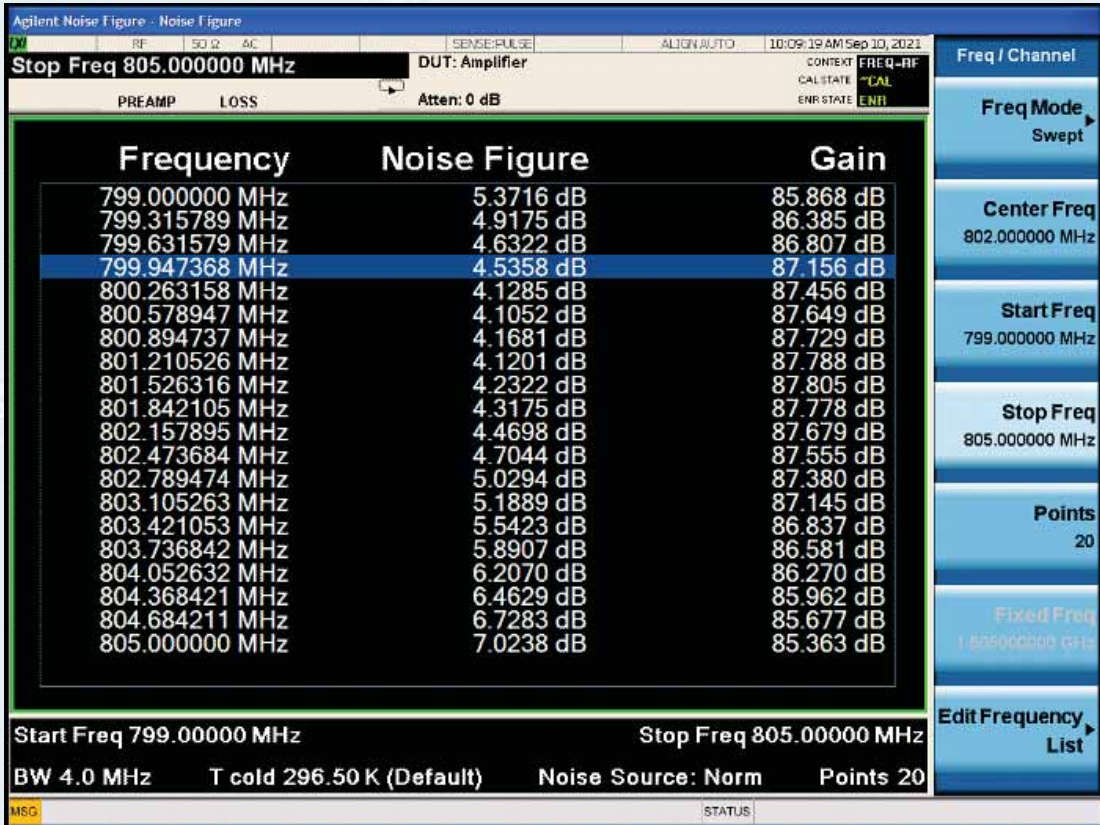
Frequency(MHz)	Max.Limit (dB)	Noise figure data (dB)	Margin (dB)	Result
Downlink: 851~861	9	5.94	3.06	PASS
Uplink: 806~816	9	7.29	1.71	PASS
NOTE : Margin= specification limit - Noise figure data.				

10.7.5 Test screenshot

10.7.5.1 700MHz Band

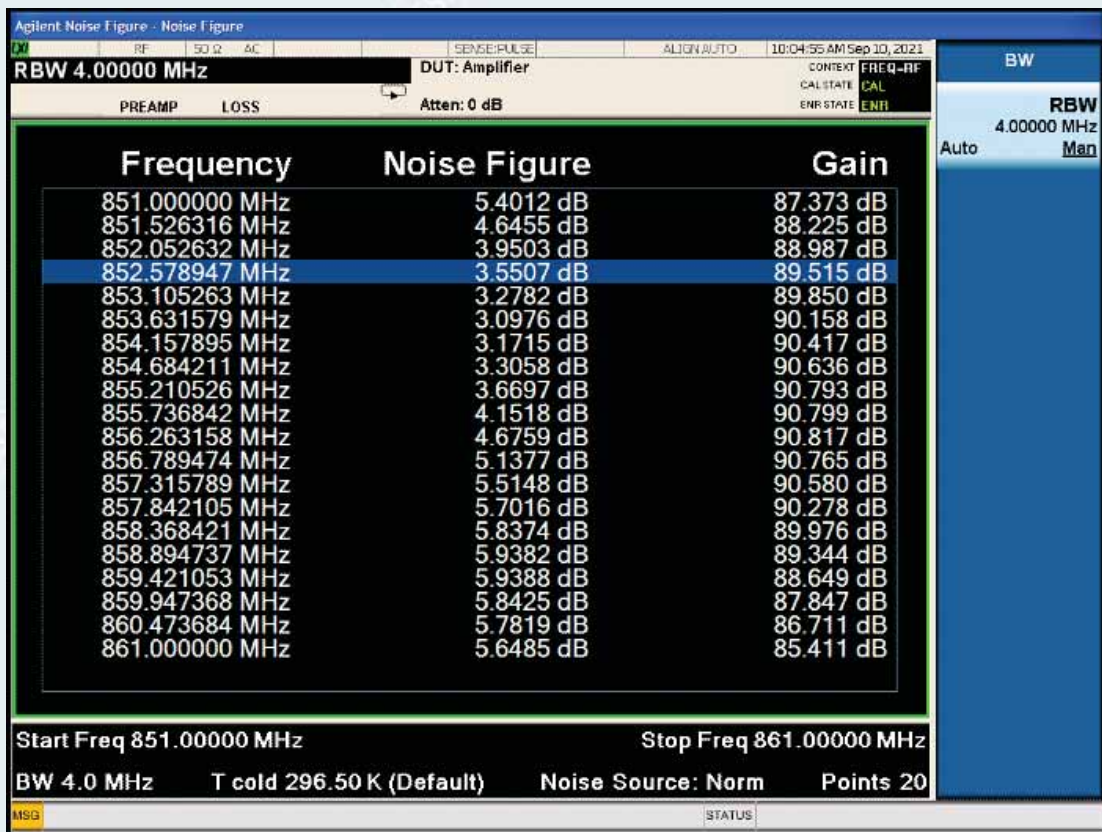


Downlink: 769MHz~775MHz

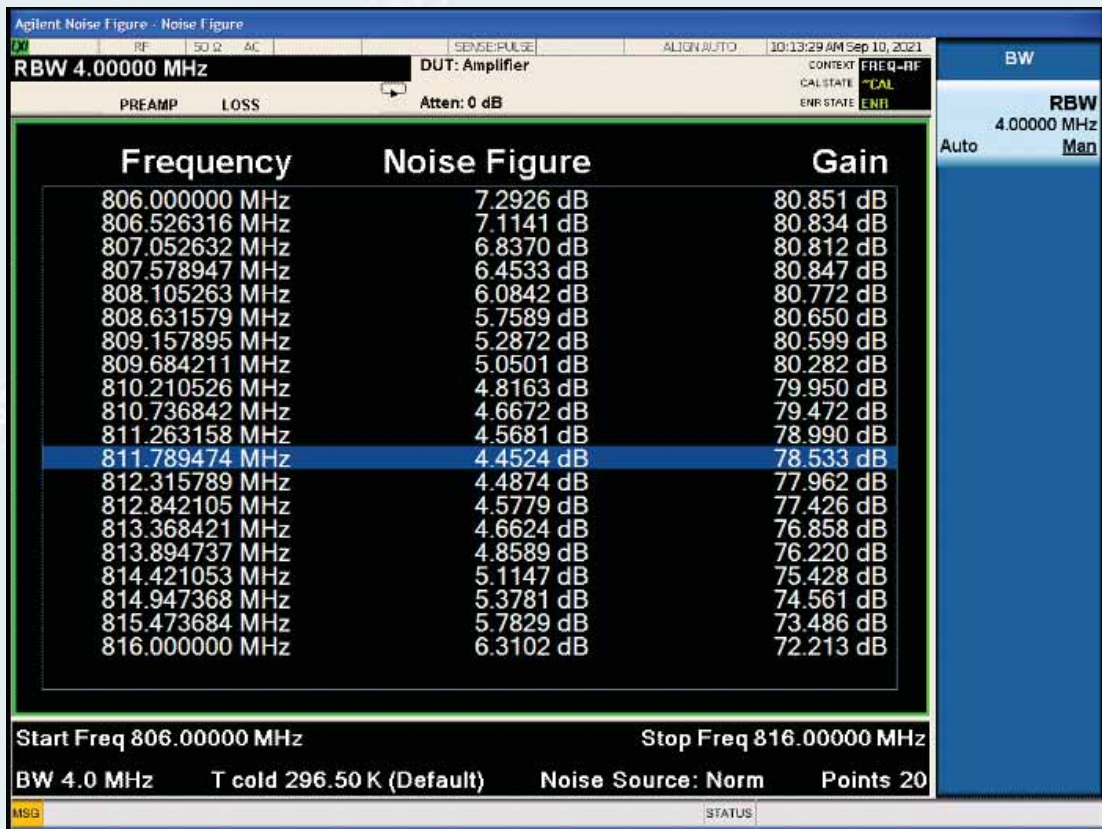


Uplink: 799MHz~805MHz

10.7.5.2 800MHz Band



Downlink: 851MHz~861MHz



Uplink: 806MHz~816MHz

10.8 Out-of-band/out-of-block emissions

Test requirement: KDB 935210 D05 clause 4.7.2
 FCC PART 2.1051
 FCC PART 90.219 (d)(6)(i)
 FCC PART 90.219 (e)(3)

Test Method: KDB 935210 D05/4.7.1 and 4.7.2

10.8.1 Requirements

The EUT shall comply with sections 4.7.2 of KDB 935210 D05.

Refer to the applicable rule part(s) for specified limits on unwanted (out-of-band/out-of-block and spurious) emissions (e.g., Section 90.210).

Spurious emissions shall be measured using a single test signal sequentially tuned to the low, middle, and high channels or frequencies within each authorized frequency band of operation.

Intermodulation products shall be measured using two CW signals with all available channel spacings (e.g., 12.5 kHz and 6.25 kHz) with the center between these channels being equal to the center frequency f_0 as determined from 4.3.

NOTE—Intermodulation-product spurious emission measurements are not required for single-channel boosters that cannot accommodate two simultaneous signals within the passband.

For a multi-channel enhancer, any intermodulation product level must be attenuated, relative to P, by at least: $43 + 10 \cdot \log_{10} P$ is less stringent than 70dB, that limit was used.

Spurious emissions shall be measured using a single test signal sequentially tuned to the low, middle, and high channels or frequencies within each authorized frequency band of operation.

Out-of-band/out-of-block emissions (including intermodulation products) shall be measured under each of the following two stimulus conditions:

- a) two adjacent test signals sequentially tuned to the lower and upper frequency band/block edges;
- b) a single test signal, sequentially tuned to the lowest and highest frequencies or channels within the frequency band/block under examination.

NOTE—Single-channel boosters that cannot accommodate two simultaneous signals within the passband may be excluded from the test stipulated in step a).

10.8.2 Test configuration

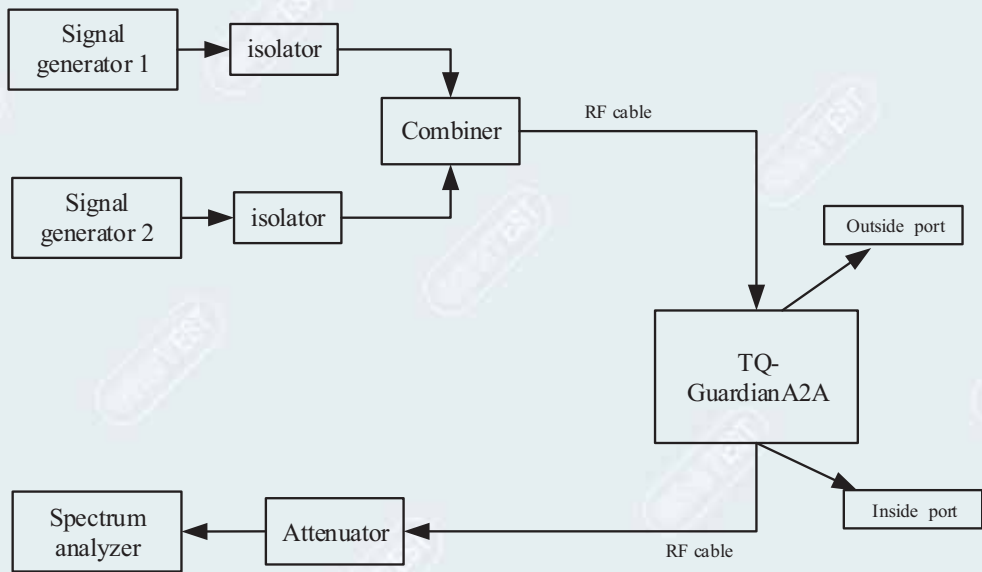


Figure 10.8-1 Downlink connection diagram

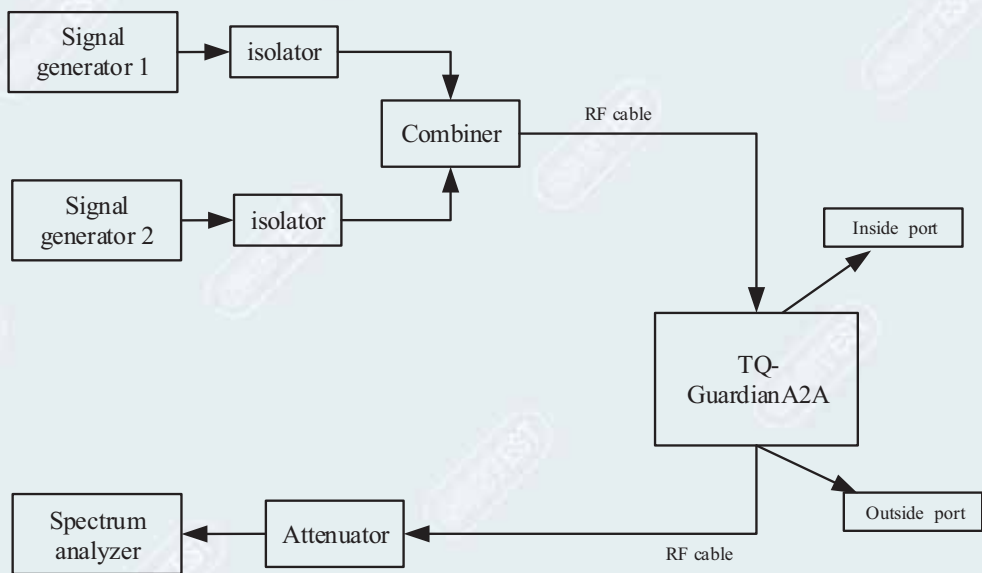


Figure 10.8-2 Uplink connection diagram

10.8.3 Test procedures

- a) Connect a signal generator to the input of the EUT.
If the signal generator is not capable of producing two independent modulated carriers simultaneously, then two discrete signal generators can be connected, with an appropriate combining network to support the two-signal test.
- b) Configure the two signal generators to produce CW on frequencies spaced consistent with 4.7.1, with amplitude levels set to just below the AGC threshold (see 4.2). Set the signal generator amplitudes so that the power from each into the EUT is equivalent.
- c) Connect a spectrum analyzer to the EUT output.
- d) Set the span to 100 kHz.
- e) Set RBW = 300 Hz with VBW $\geq 3 \times$ RBW.
- f) Set the detector to power averaging (rms).
- g) Place a marker on highest intermodulation product amplitude.
- h) Capture the plot for inclusion in the test report.
- i) Repeat steps c) to h) with the composite input power level set to 3 dB above the AGC threshold.
- j) Repeat steps b) to i) for all operational bands.

Any frequency outside the authorized bandwidth was attenuated by at least $43+10*\log(P)$ dB. This corresponds to an absolute level of $-13\text{dBm} (P_{\text{dBm}}-(43+10*\log(P_{\text{w}})))$.

10.8.4 Test results

Test Date (yy-mm-dd): 2021-09-04

Normal condition: Temp: 25.2 °C, Humid:51%, Atmospheric Pressure:101kpa

Supply Voltage: AC 110V, 50Hz

10.8.4.1 700MHz Band

10.8.4.1.1 Downlink transmit mode

Test status	Test frequency	Intermodulation product Limit (dBm)	Max. intermodulation product (dBm)	Margin (dB)	Result
(1) Frequency range: 769MHz~775MHz					
(1.1) Channel Bandwidth: 12.5kHz					
With the ALC threshold level	Low frequency: f1:769.00625MHz f2:769.04375MHz	-13	-18.5	5.5	PASS
	Mid frequency: f1:772MHz f2:772.0375MHz	-13	-14.7	1.7	PASS
	High frequency: f1:774.95625MHz f2:774.99375MHz	-13	-15.4	2.4	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:769.00625MHz f2:769.04375MHz	-13	-18.6	5.6	PASS
	Mid frequency: f1:772MHz f2:772.0375MHz	-13	-14.9	1.9	PASS
	High frequency: f1:774.95625MHz f2:774.99375MHz	-13	-14.9	1.9	PASS
(1.2) Channel Bandwidth: 25kHz					
With the ALC threshold level	Low frequency: f1:769.0125MHz f2:769.0875MHz	-13	-19.8	6.8	PASS
	Mid frequency: f1:772MHz f2:772.075MHz	-13	-17.5	4.5	PASS
	High frequency: f1:774.9125MHz f2:774.9875MHz	-13	-17.8	4.8	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:769.0125MHz f2:769.0875MHz	-13	-22.7	9.7	PASS
	Mid frequency: f1:772MHz f2:772.075MHz	-13	-18.7	5.7	PASS
	High frequency: f1:774.9125MHz f2:774.9875MHz	-13	-18.3	5.3	PASS
NOTE 1: According to the manufacturer's statement, the minimum carrier spacing is 2 carrier bandwidths, and the carrier spacing used in this test is 2 carrier bandwidths.					
NOTE 2: Intermodulation products select the worst data record.					
NOTE 3: Margin= specification limit -Maximum mark level.					

10.8.4.1.2 Uplink transmit mode

Test status	Test frequency	Intermodulation product Limit (dBm)	Max. intermodulation product (dBm)	Margin (dB)	Result
(2) Frequency range: 799MHz~805MHz					
(2.1) Channel Bandwidth: 12.5kHz					
With the ALC threshold level	Low frequency: f1:799.00625MHz f2:799.04375MHz	-13	-20.3	7.3	PASS
	Mid frequency: f1:802MHz f2:802.0375MHz	-13	-19.1	6.1	PASS
	High frequency: f1:804.95625MHz f2:804.99375MHz	-13	-19.9	6.9	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:799.00625MHz f2:799.04375MHz	-13	-20.3	7.3	PASS
	Mid frequency: f1:802MHz f2:802.0375MHz	-13	-19.7	6.7	PASS
	High frequency: f1:804.95625MHz f2:804.99375MHz	-13	-19.8	6.8	PASS
(2.2) Channel Bandwidth: 25kHz					
With the ALC threshold level	Low frequency: f1:799.0125MHz f2:799.0875MHz	-13	-22.2	9.2	PASS
	Mid frequency: f1:802MHz f2:802.075MHz	-13	-21.9	8.9	PASS
	High frequency: f1:804.9125MHz f2:804.9875MHz	-13	-22.2	9.2	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:799.0125MHz f2:799.0875MHz	-13	-22.2	9.2	PASS
	Mid frequency: f1:802MHz f2:802.075MHz	-13	-21.9	8.9	PASS
	High frequency: f1:804.9125MHz f2:804.9875MHz	-13	-22.2	9.2	PASS
NOTE 1: According to the manufacturer's statement, the minimum carrier spacing is 2 carrier bandwidths, and the carrier spacing used in this test is 2 carrier bandwidths.					
NOTE 2: Intermodulation products select the worst data record.					
NOTE 3: Margin= specification limit -Maximum mark level.					

10.8.4.2 800MHz Band

10.8.4.2.1 Downlink transmit mode

Test status	Test frequency	Intermodulation product Limit (dBm)	Max. intermodulation product (dBm)	Margin (dB)	Result
(3) Frequency range: 851MHz~861MHz					
(3.1) Channel Bandwidth: 12.5kHz					
With the ALC threshold level	Low frequency: f1:851.00625MHz f2:851.04375MHz	-13	-20.8	7.8	PASS
	Mid frequency: f1:856.0MHz f2:856.0375MHz	-13	-21.7	8.7	PASS
	High frequency: f1:860.95625MHz f2:860.99375MHz	-13	-20.4	7.4	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:851.00625MHz f2:851.04375MHz	-13	-21.9	8.9	PASS
	Mid frequency: f1:856.0MHz f2:856.0375MHz	-13	-22.9	9.9	PASS
	High frequency: f1:860.95625MHz f2:860.99375MHz	-13	-21.9	8.9	PASS
(3.2) Channel Bandwidth: 25kHz					
With the ALC threshold level	Low frequency: f1:851.0125MHz f2:851.0875MHz	-13	-23.9	10.9	PASS
	Mid frequency: f1:856.0MHz f2:856.075MHz	-13	-24.7	11.7	PASS
	High frequency: f1:860.9125MHz f2:860.9875MHz	-13	-19.6	6.6	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:851.0125MHz f2:851.0875MHz	-13	-19.3	6.3	PASS
	Mid frequency: f1:856.0MHz f2:856.075MHz	-13	-22.1	9.1	PASS
	High frequency: f1:860.9125MHz f2:860.9875MHz	-13	-20.5	7.5	PASS
NOTE 1: According to the manufacturer's statement, the minimum carrier spacing is 2 carrier bandwidths, and the carrier spacing used in this test is 2 carrier bandwidths.					
NOTE 2: Intermodulation products select the worst data record.					
NOTE 3: Margin= specification limit -Maximum mark level.					

10.8.4.2.2 Uplink transmit mode

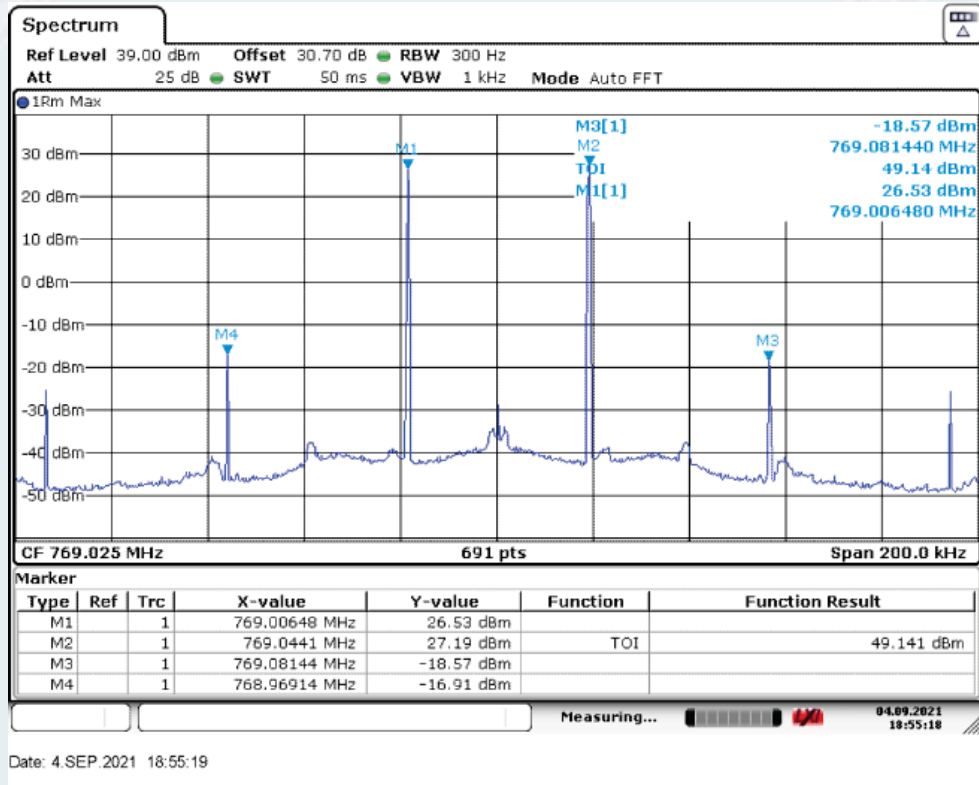
Test status	Test frequency	Intermodulation product Limit (dBm)	Max. intermodulation product (dBm)	Margin (dB)	Result
(4) Frequency range: 806MHz~816MHz					
(4.1) Channel Bandwidth: 12.5kHz					
With the ALC threshold level	Low frequency: f1:806.00625MHz f2:806.04375MHz	-13	-20.5	7.5	PASS
	Mid frequency: f1:811.0MHz f2:811.0375MHz	-13	-21.0	8.0	PASS
	High frequency: f1:815.95625MHz f2:815.99375MHz	-13	-15.0	2.0	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:806.00625MHz f2:806.04375MHz	-13	-20.3	7.3	PASS
	Mid frequency: f1:811.0MHz f2:811.0375MHz	-13	-21.1	8.1	PASS
	High frequency: f1:815.95625MHz f2:815.99375MHz	-13	-14.6	1.6	PASS
(4.2) Channel Bandwidth: 25kHz					
With the ALC threshold level	Low frequency: f1:806.0125MHz f2:806.0875MHz	-13	-21.8	8.8	PASS
	Mid frequency: f1:811.0MHz f2:811.075MHz	-13	-22.5	9.5	PASS
	High frequency: f1:815.9125MHz f2:815.9875MHz	-13	-15.2	2.2	PASS
With the input signal amplitude set 3 dB above the AGC threshold	Low frequency: f1:806.0125MHz f2:806.0875MHz	-13	-22.5	9.5	PASS
	Mid frequency: f1:811.0MHz f2:811.075MHz	-13	-22.4	9.4	PASS
	High frequency: f1:815.9125MHz f2:815.9875MHz	-13	-14.7	1.7	PASS
NOTE 1: According to the manufacturer's statement, the minimum carrier spacing is 2 carrier bandwidths, and the carrier spacing used in this test is 2 carrier bandwidths.					
NOTE 2: Intermodulation products select the worst data record.					
NOTE 3: Margin= specification limit -Maximum mark level.					

10.8.5 Test screenshot

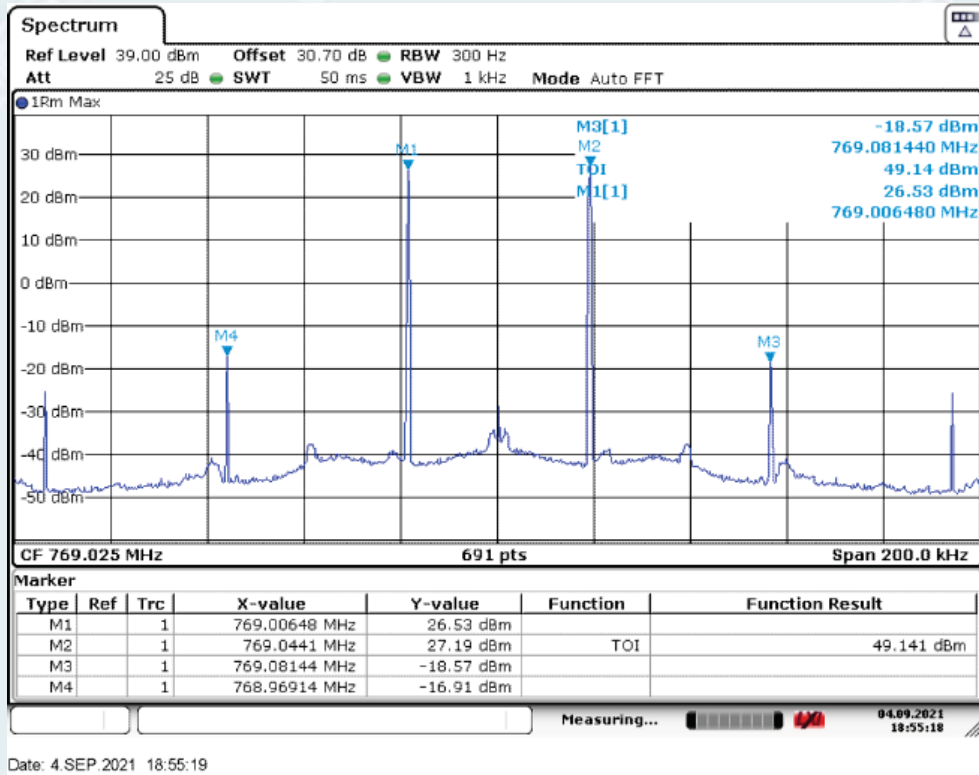
10.8.5.1 700MHz Band

10.8.5.1.1 Channel bandwidth 12.5kHz

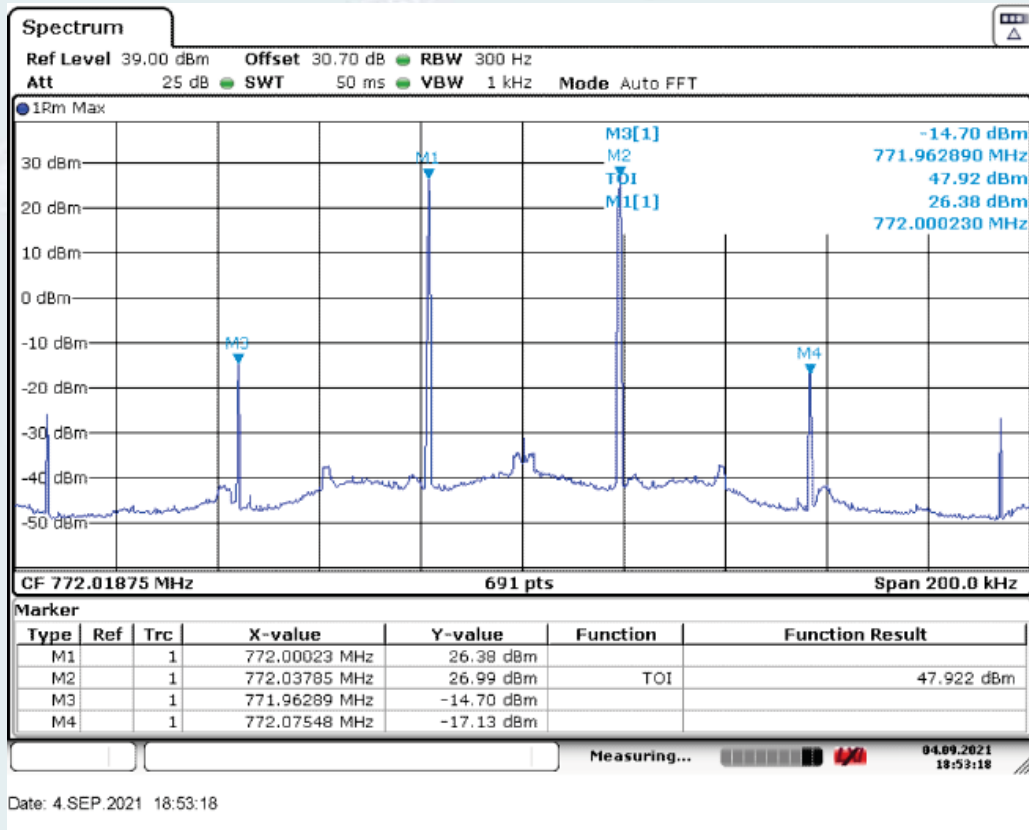
10.8.5.1.1.1 Downlink



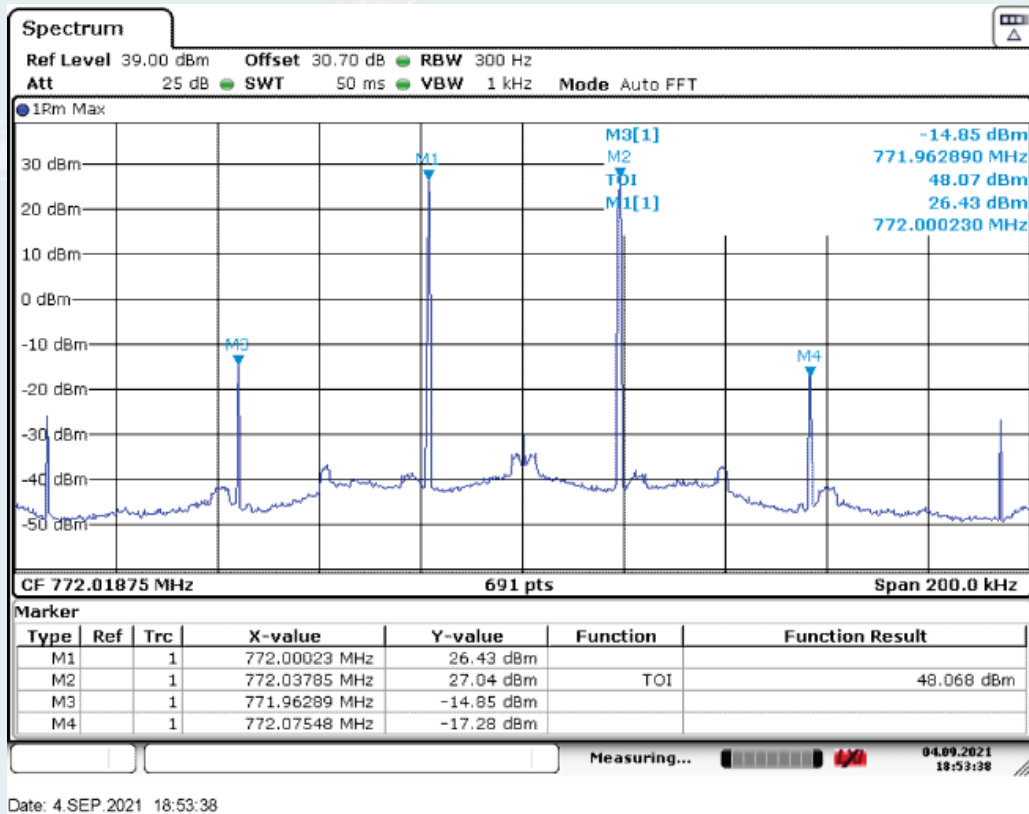
Low Frequency and With the ALC threshold level



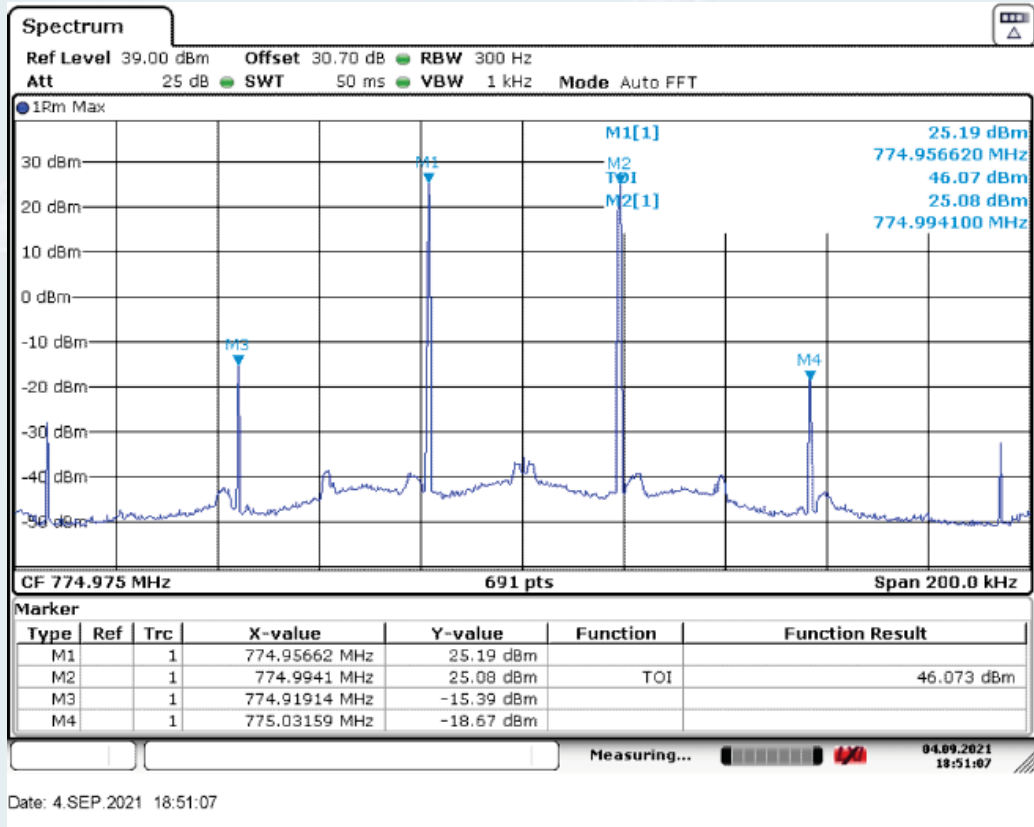
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



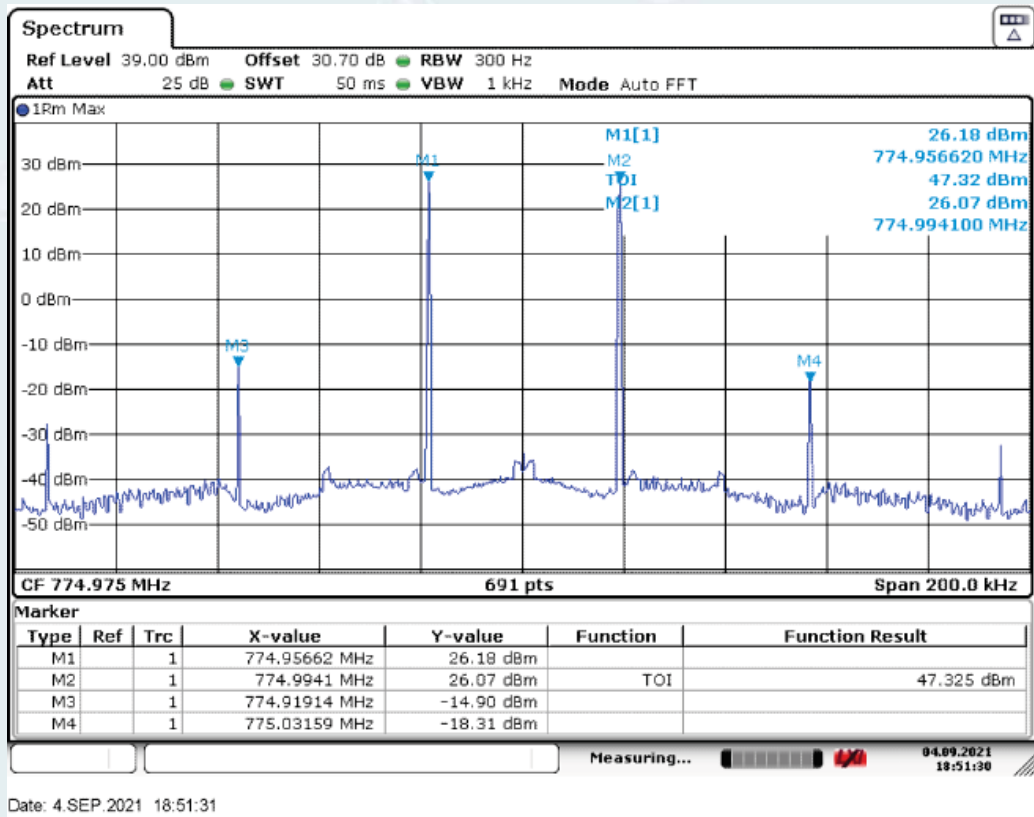
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

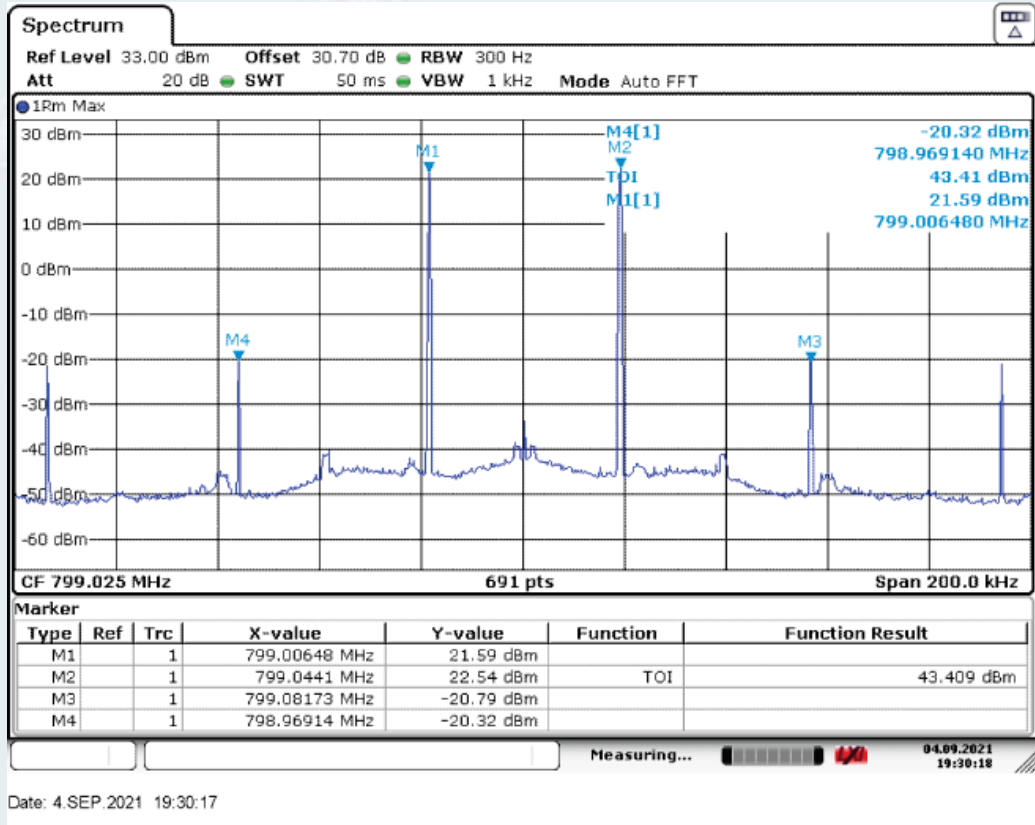


High Frequency and With the ALC threshold level

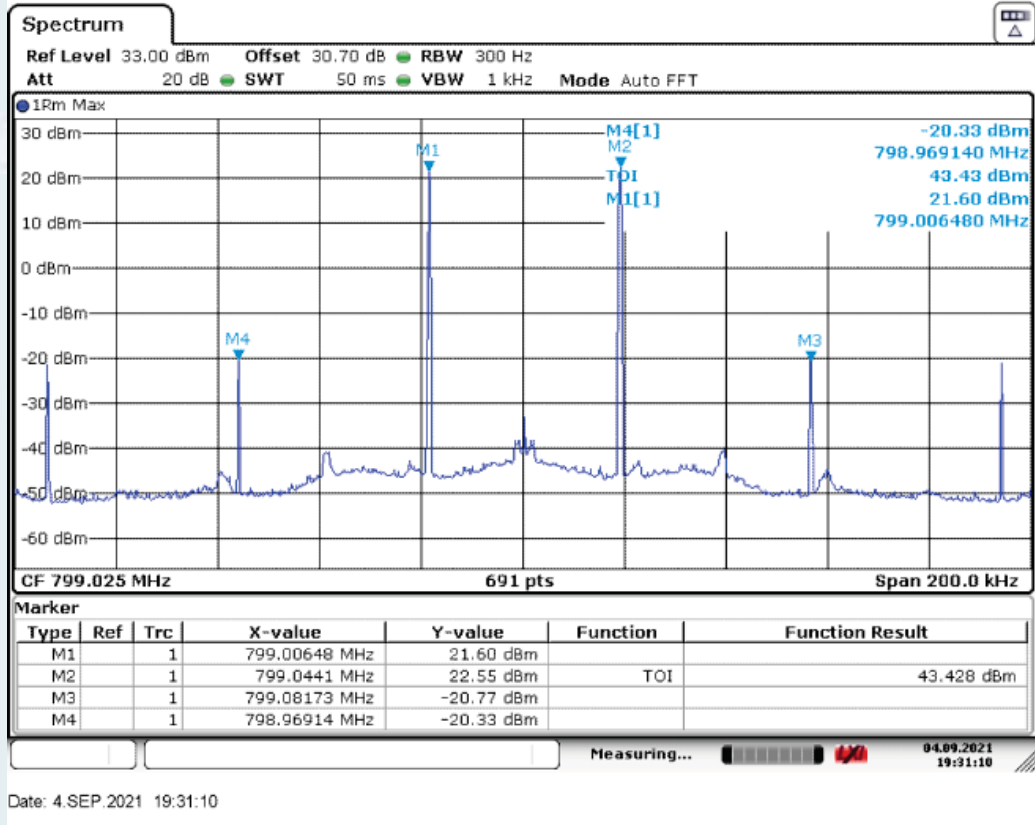


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

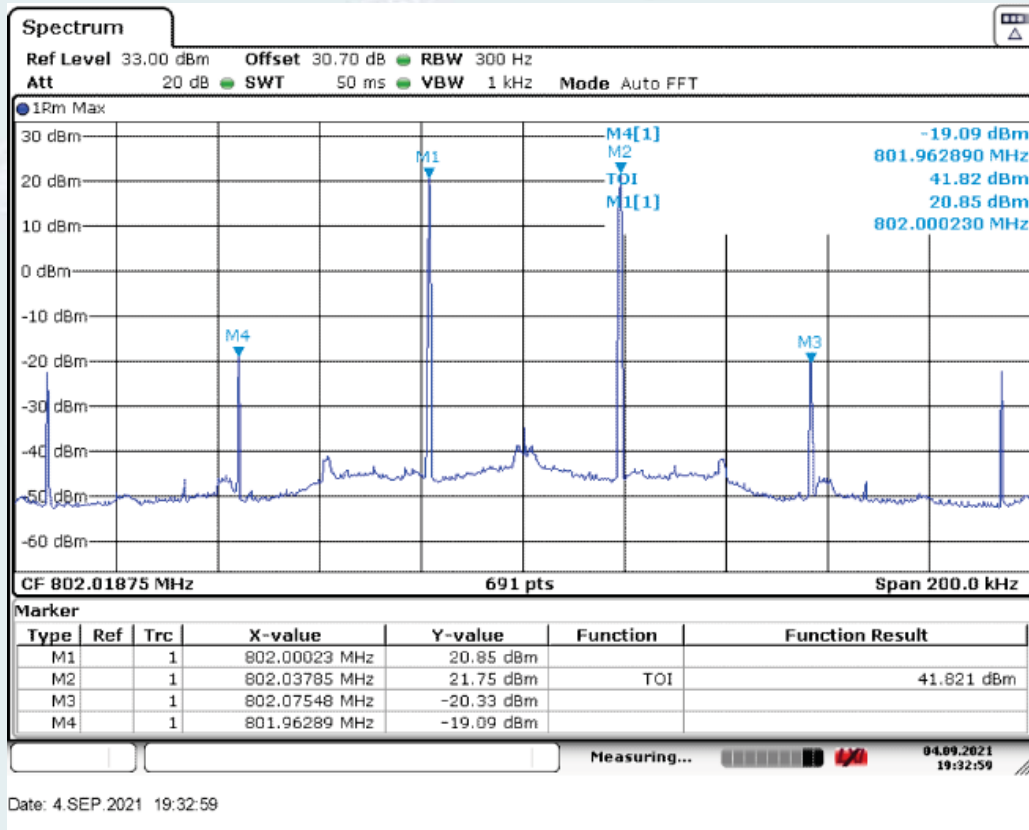
10.8.5.1.1.2 Uplink



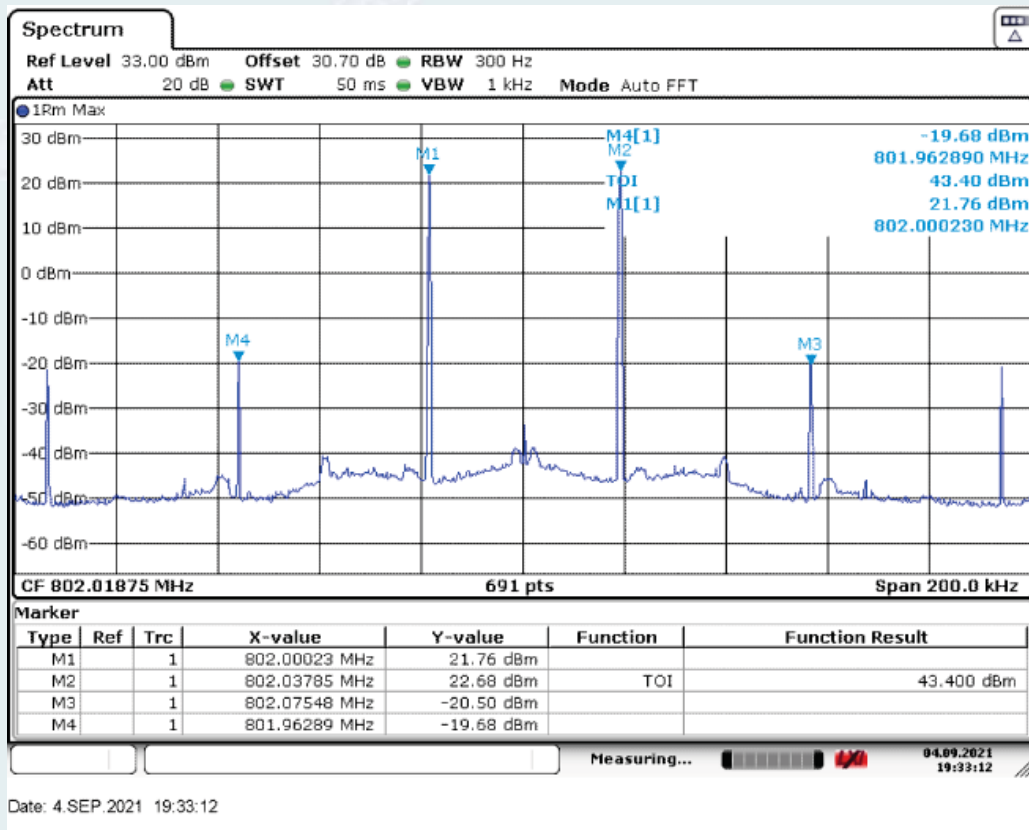
Low Frequency and With the ALC threshold level



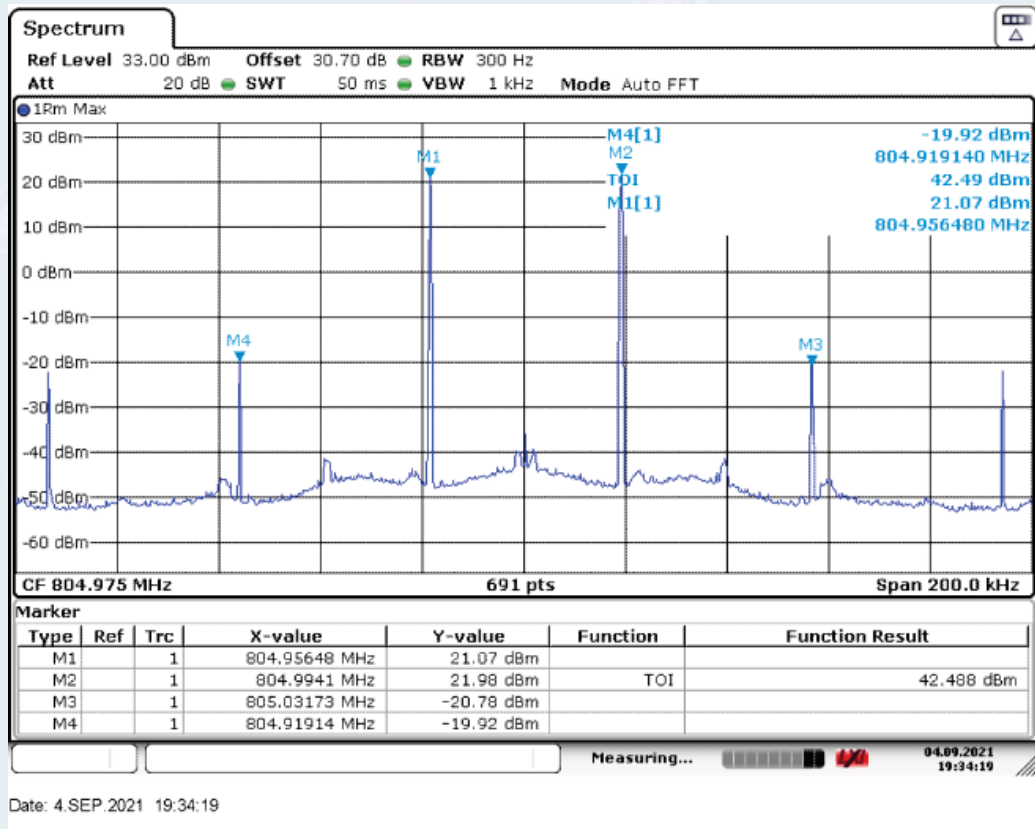
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



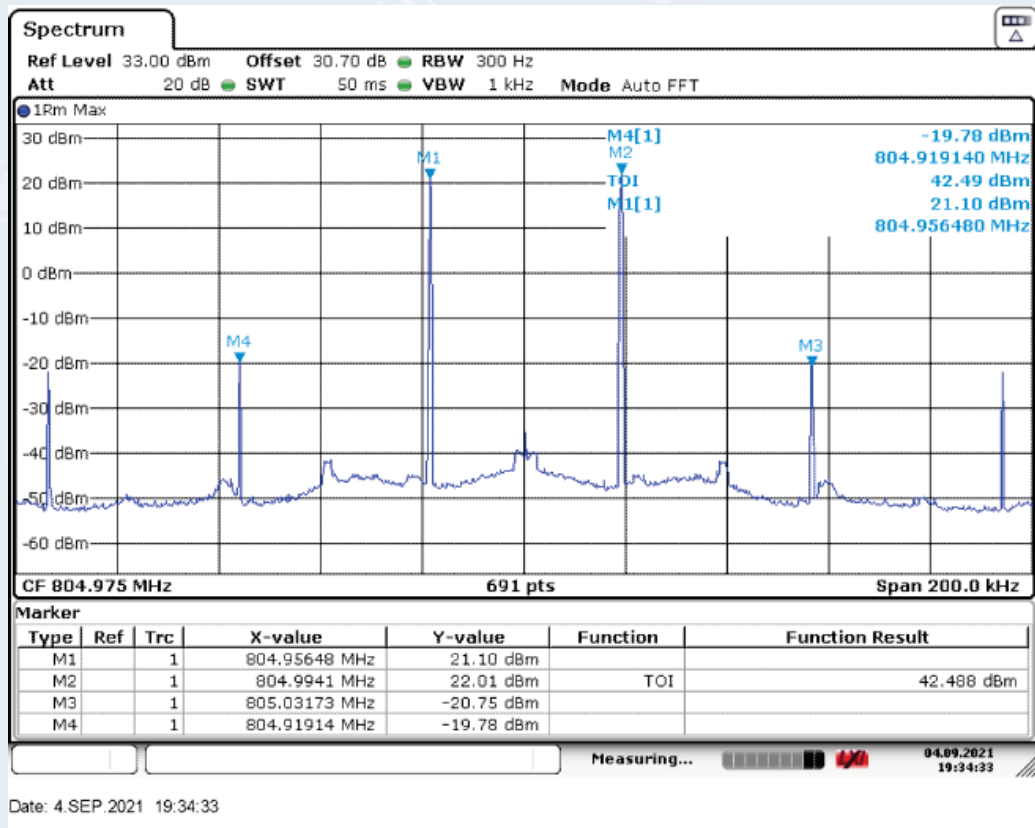
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



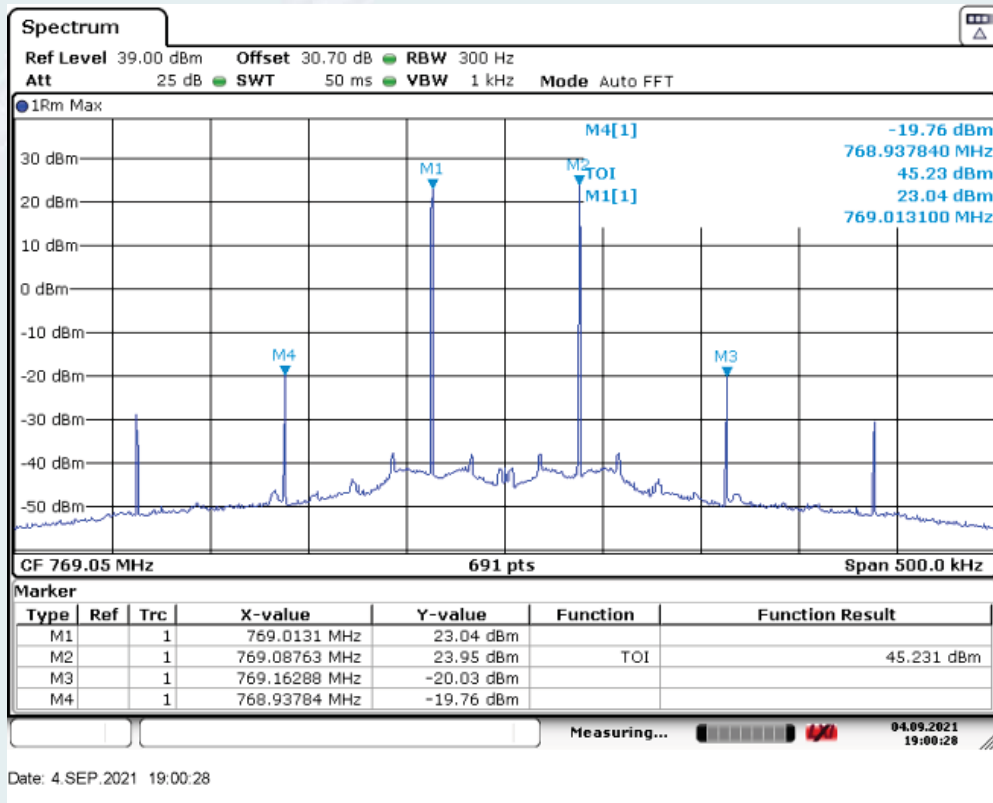
High Frequency and With the ALC threshold level



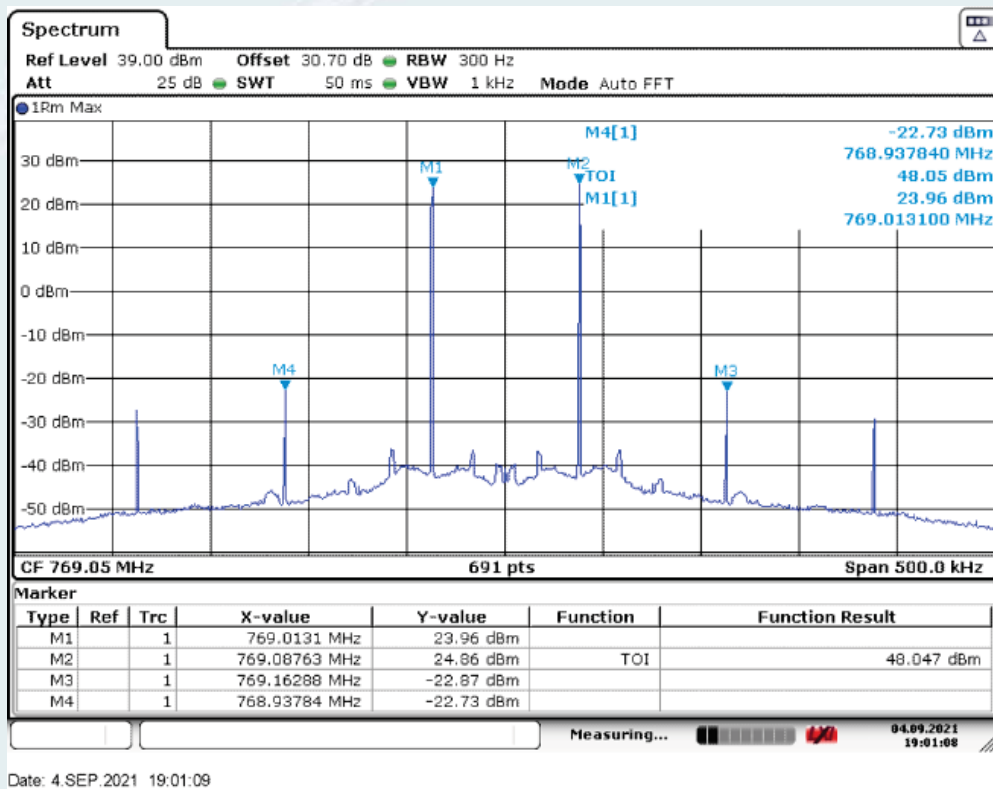
High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

10.8.5.1.2 Channel bandwidth 25kHz

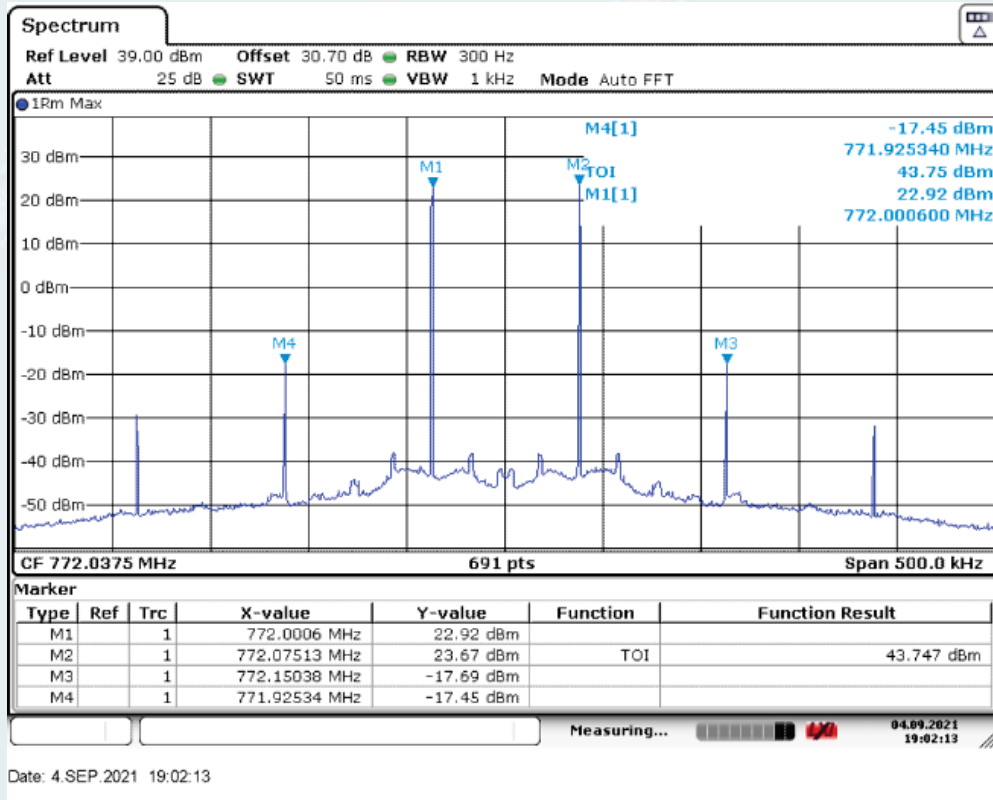
10.8.5.1.2.1 Downlink



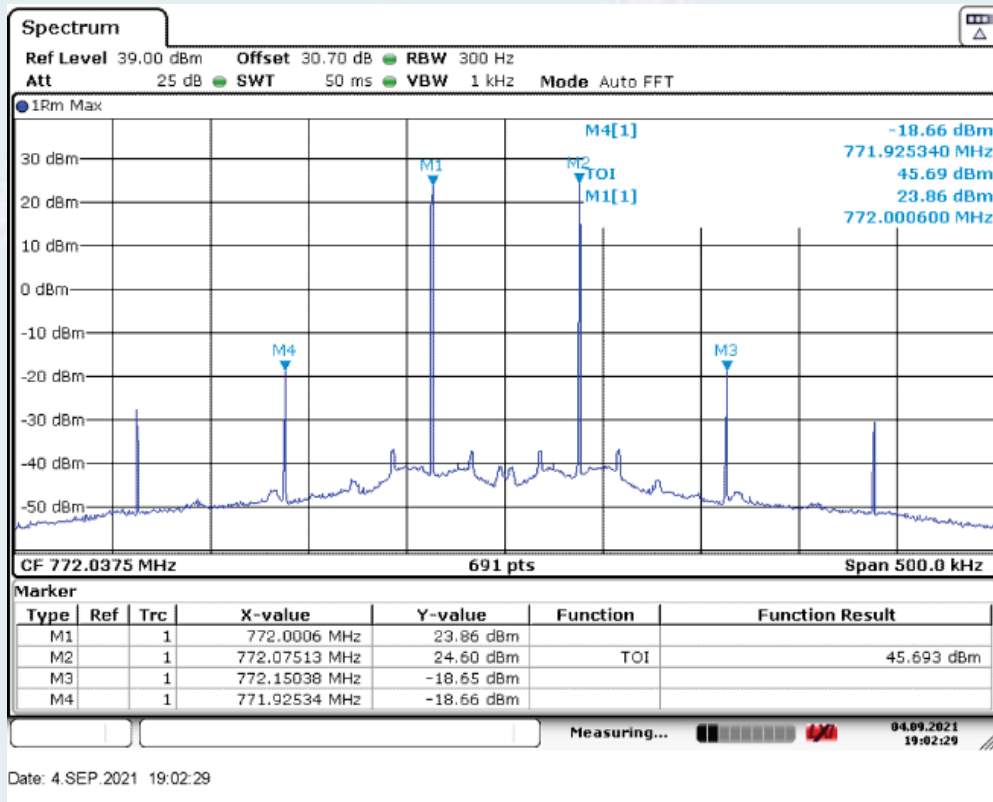
Low Frequency and With the ALC threshold level



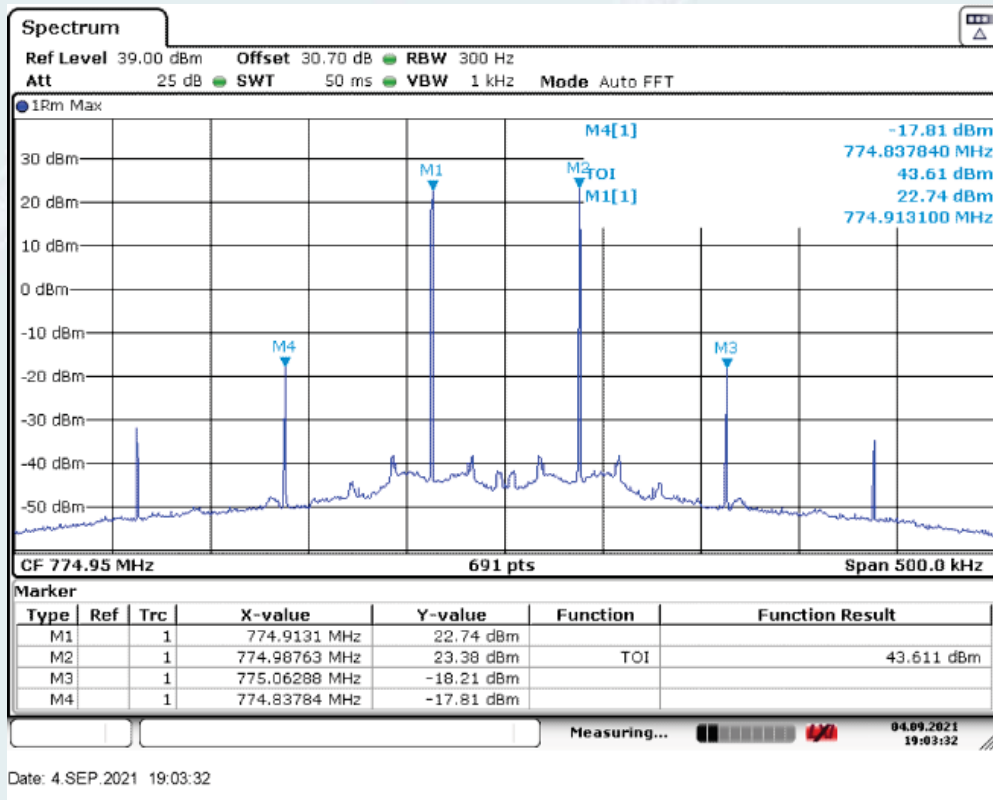
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



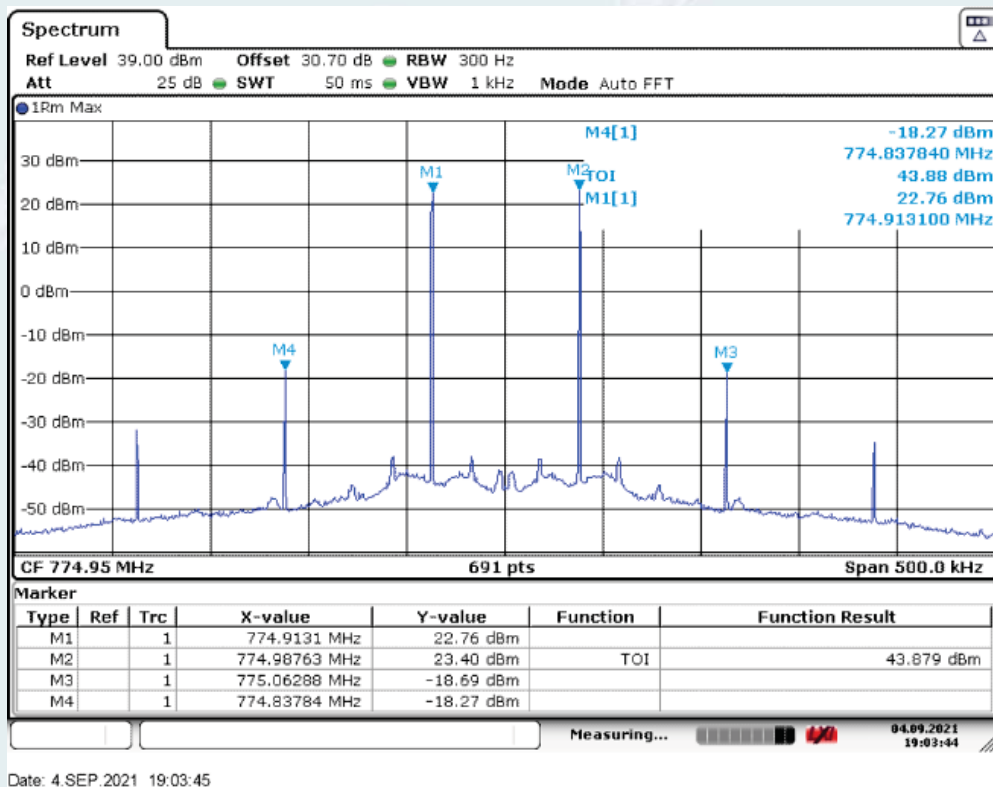
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

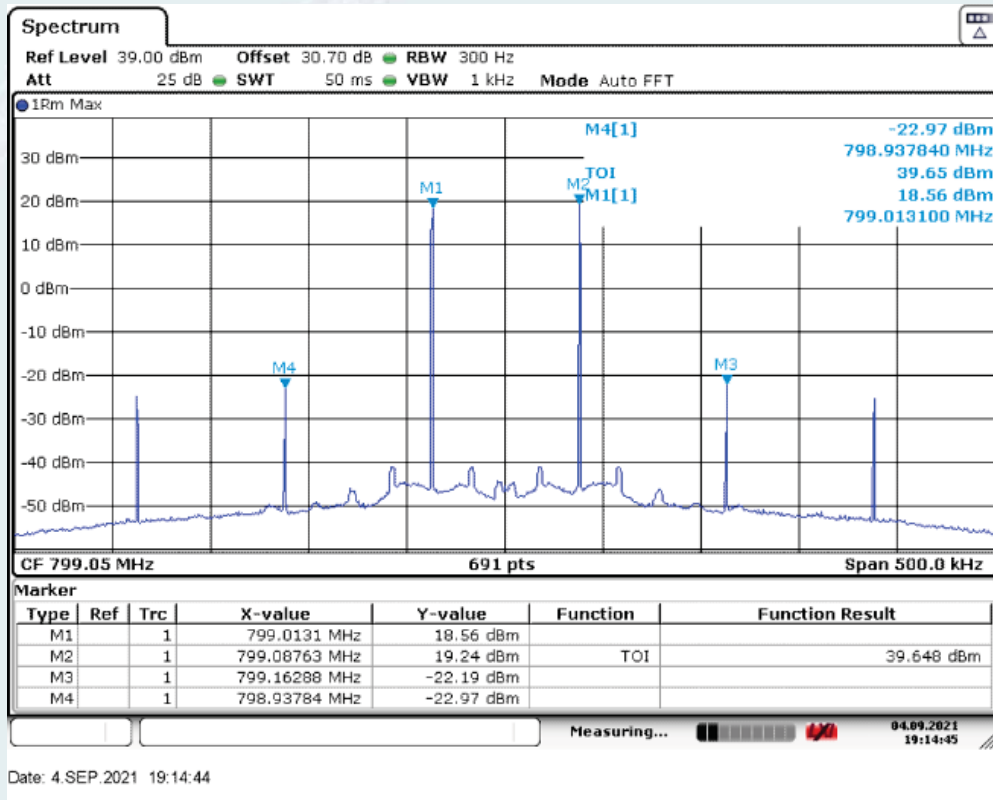


High Frequency and With the ALC threshold level

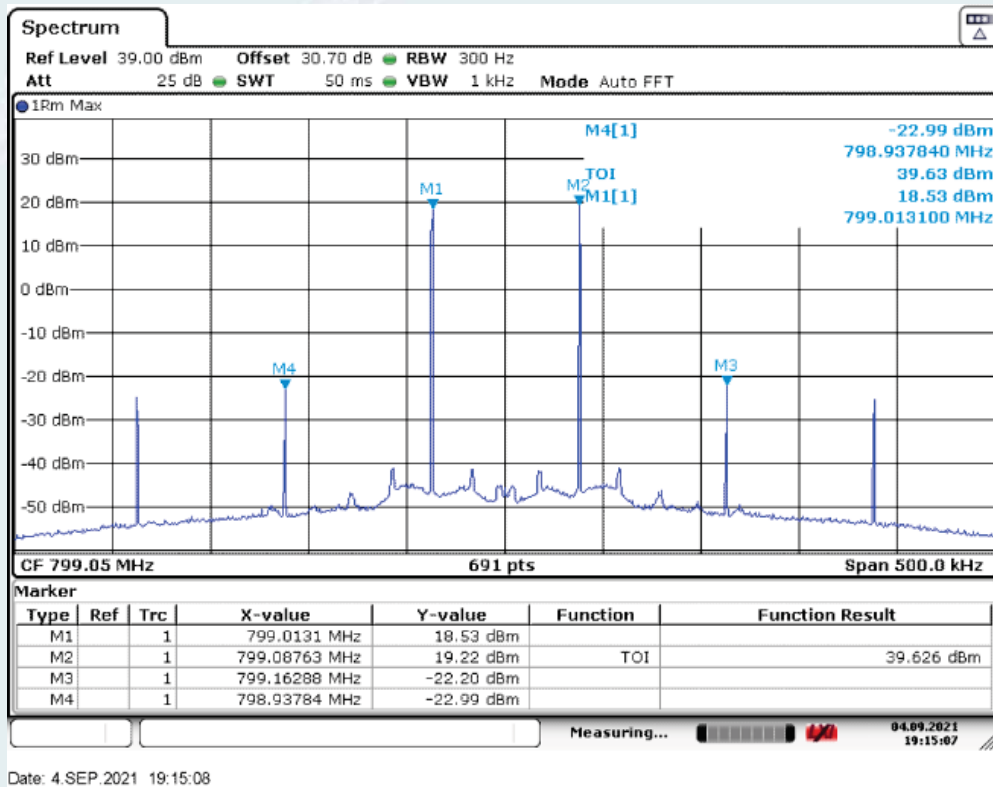


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

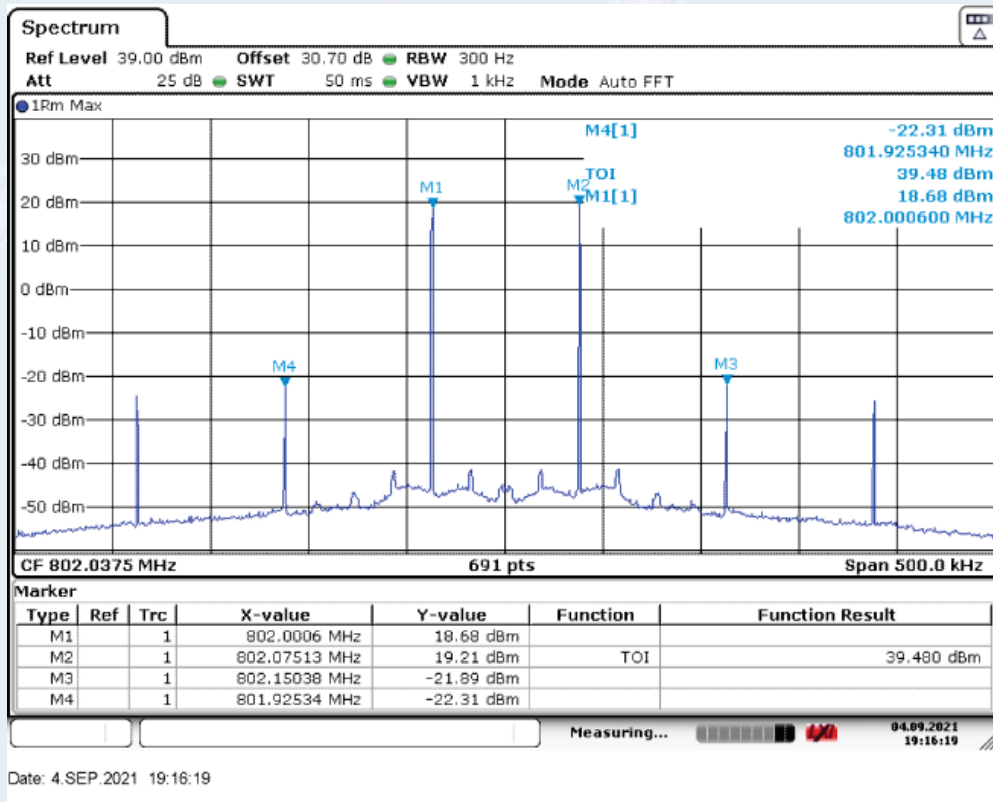
10.8.5.1.2.2 Uplink



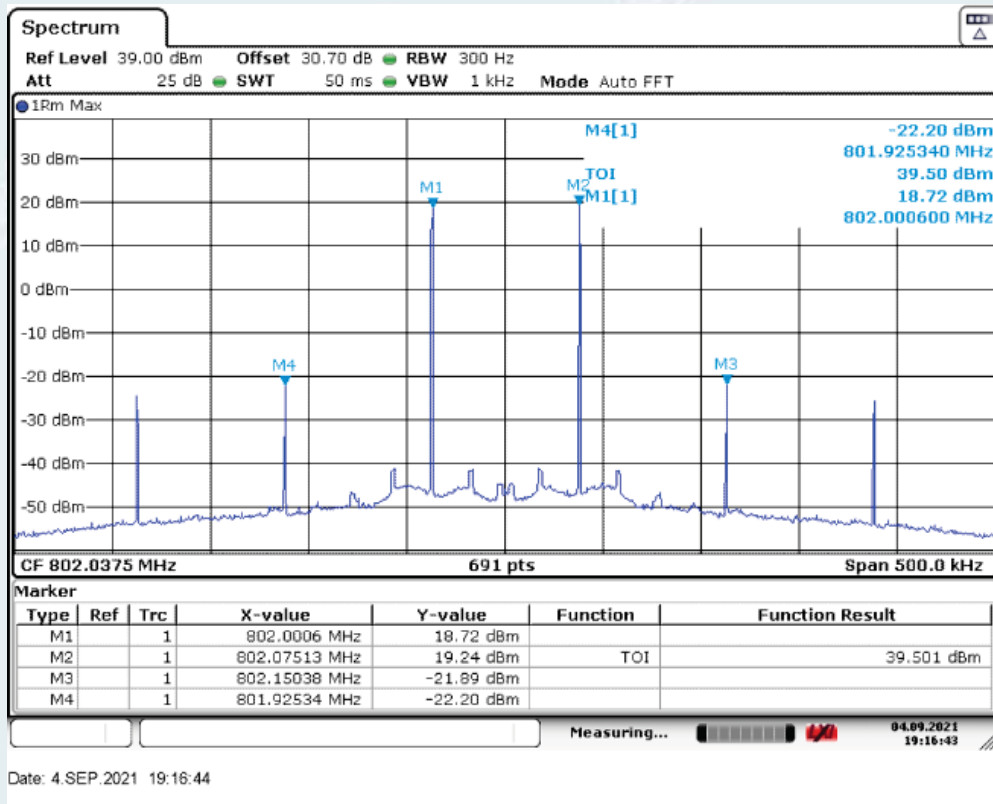
Low Frequency and With the ALC threshold level



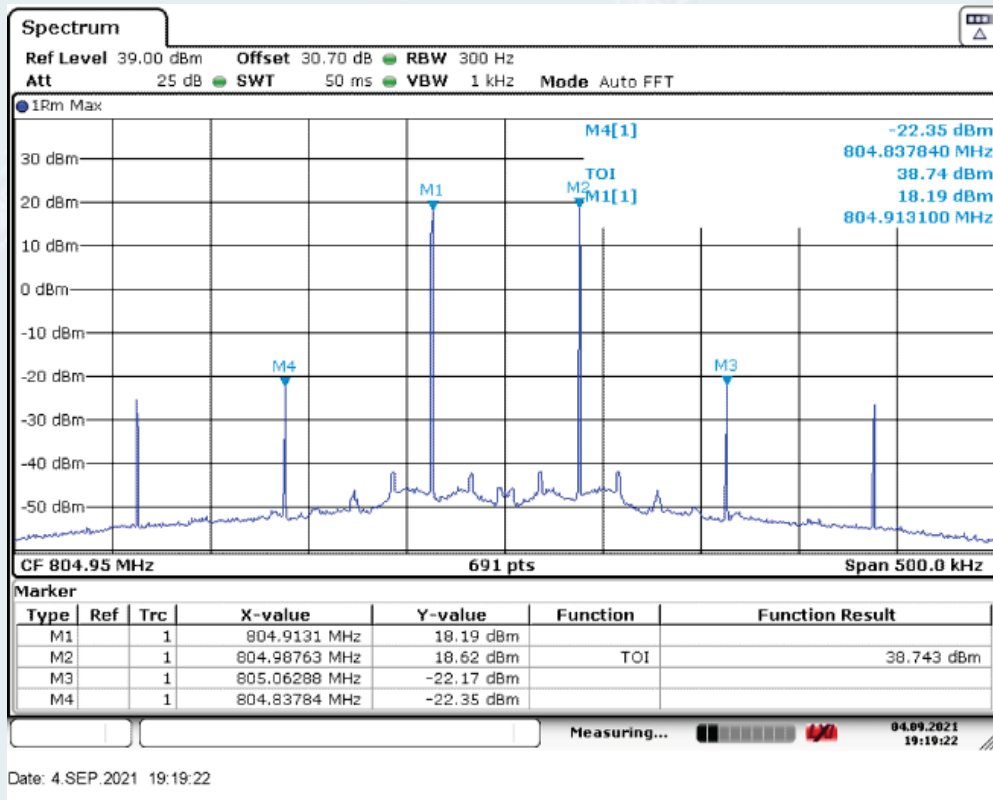
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



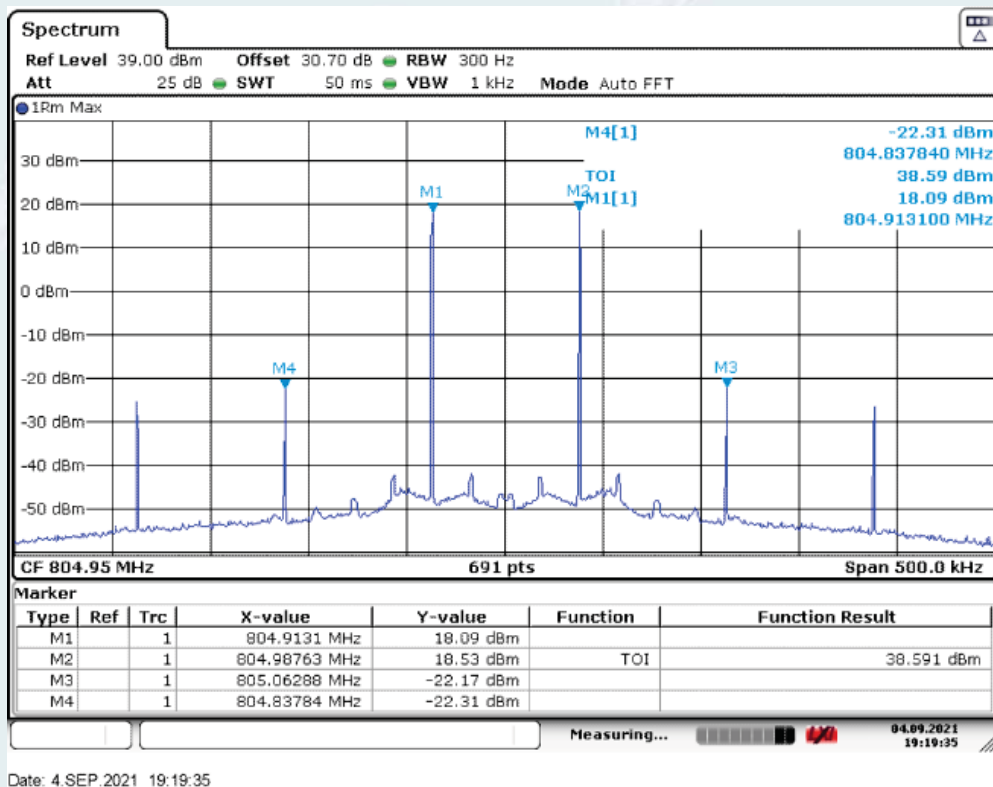
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



High Frequency and With the ALC threshold level

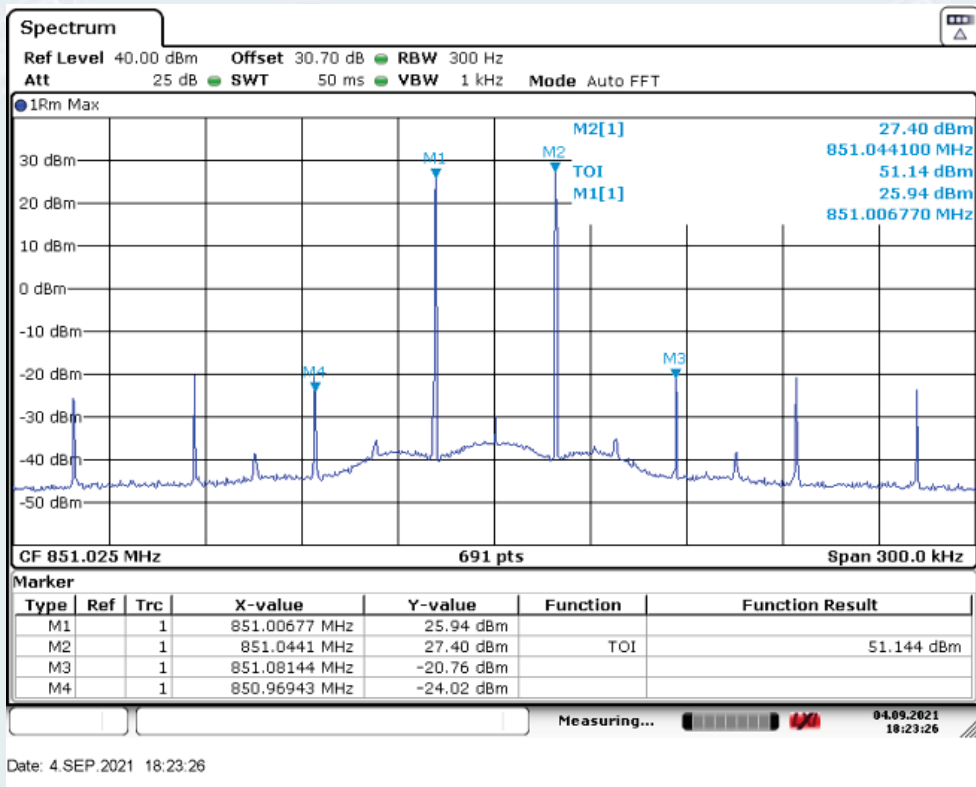


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

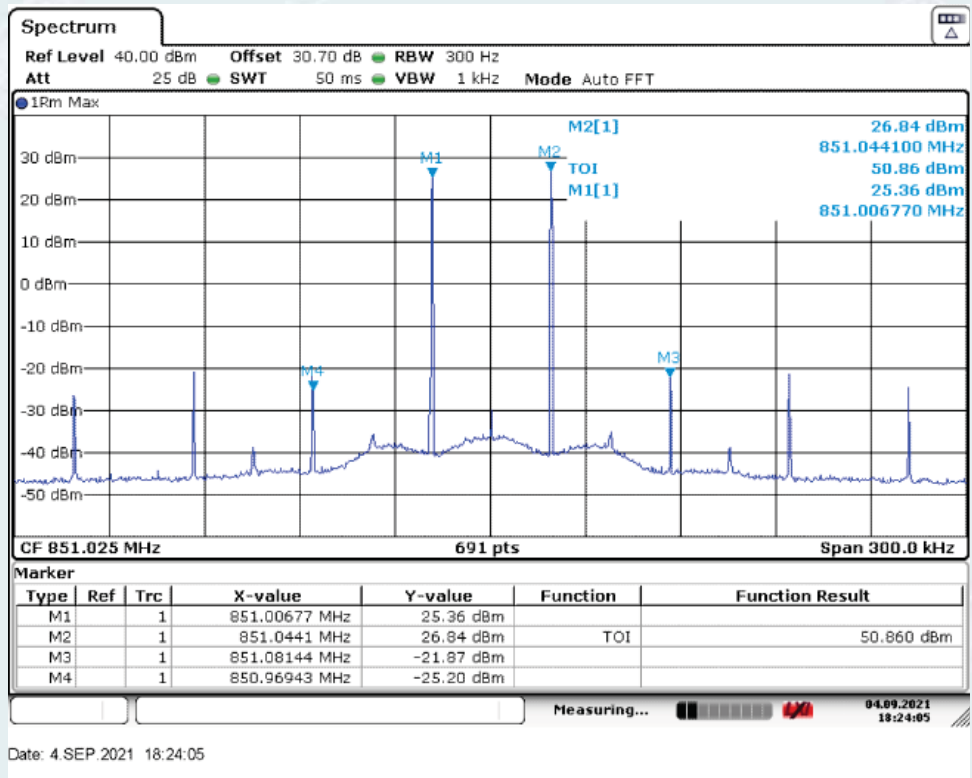
10.8.5.2 800MHz Band

10.8.5.2.1 Channel bandwidth 12.5kHz

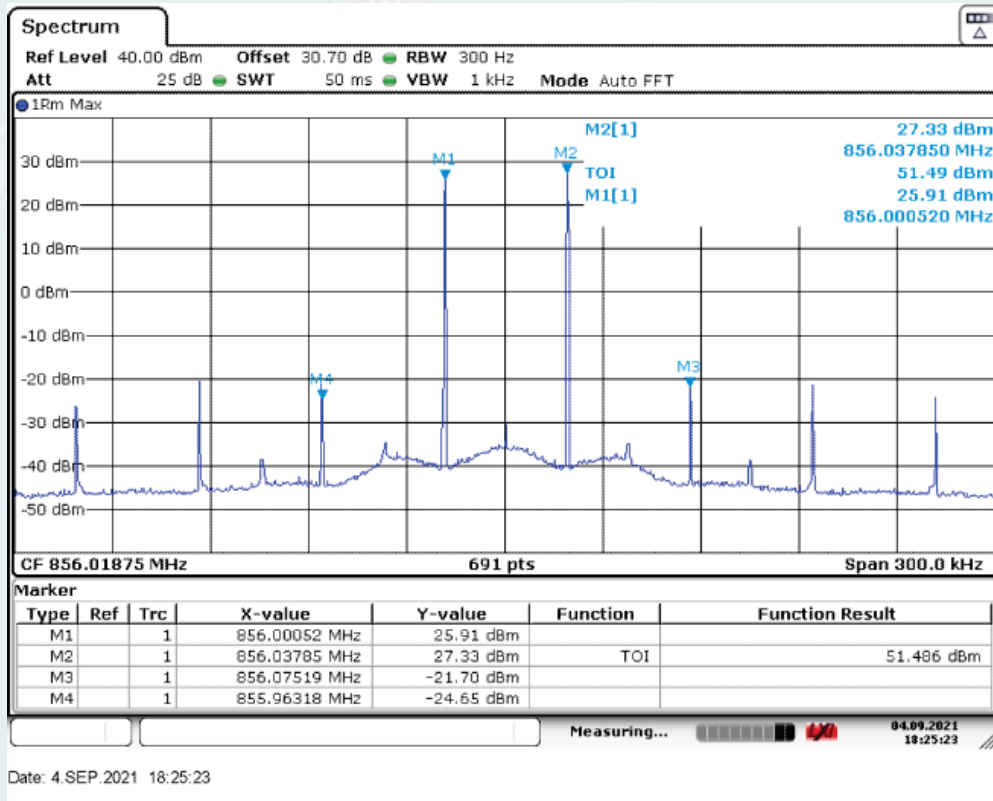
10.8.5.2.1.1 Downlink



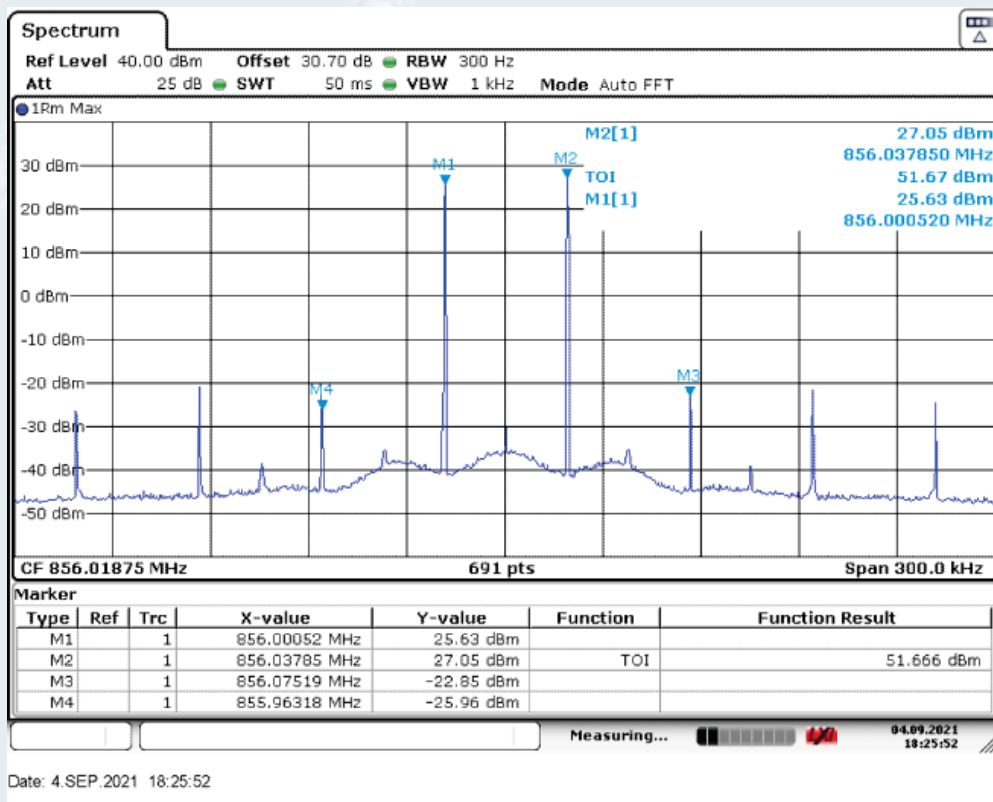
Low Frequency and With the ALC threshold level



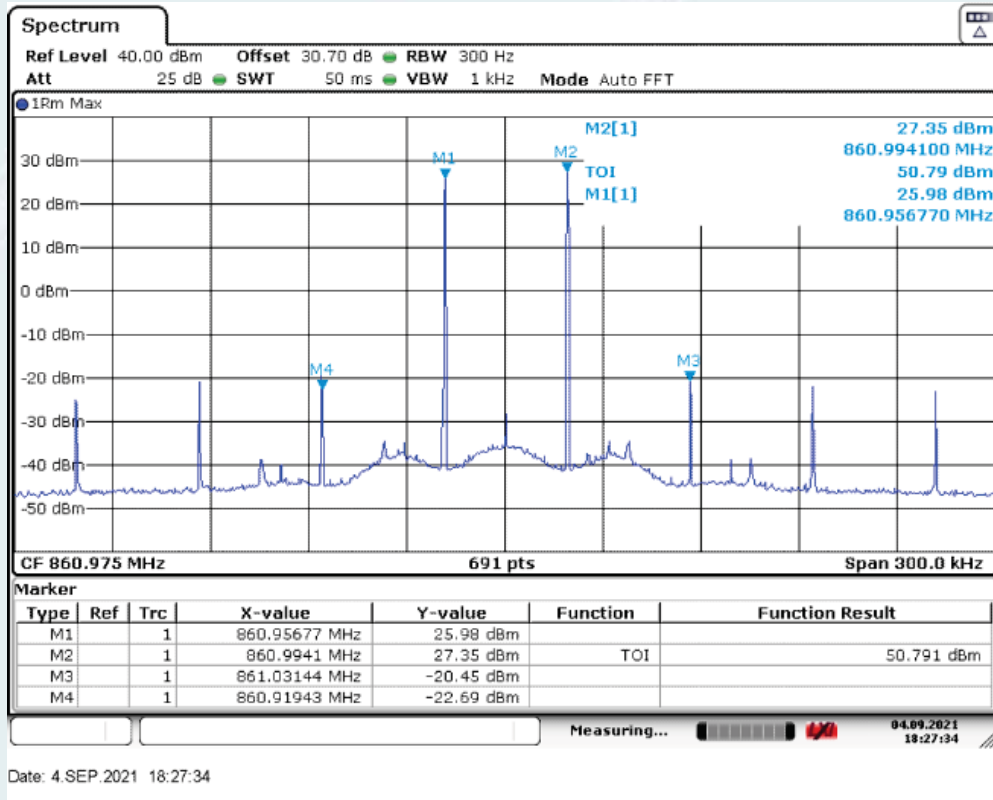
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



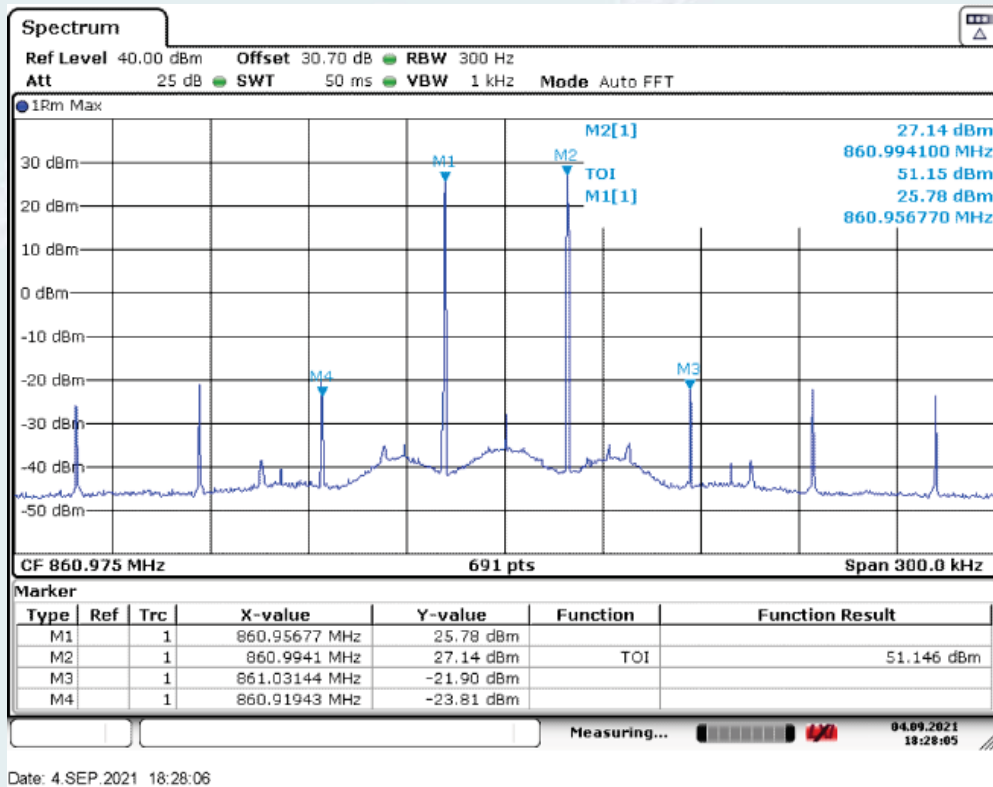
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

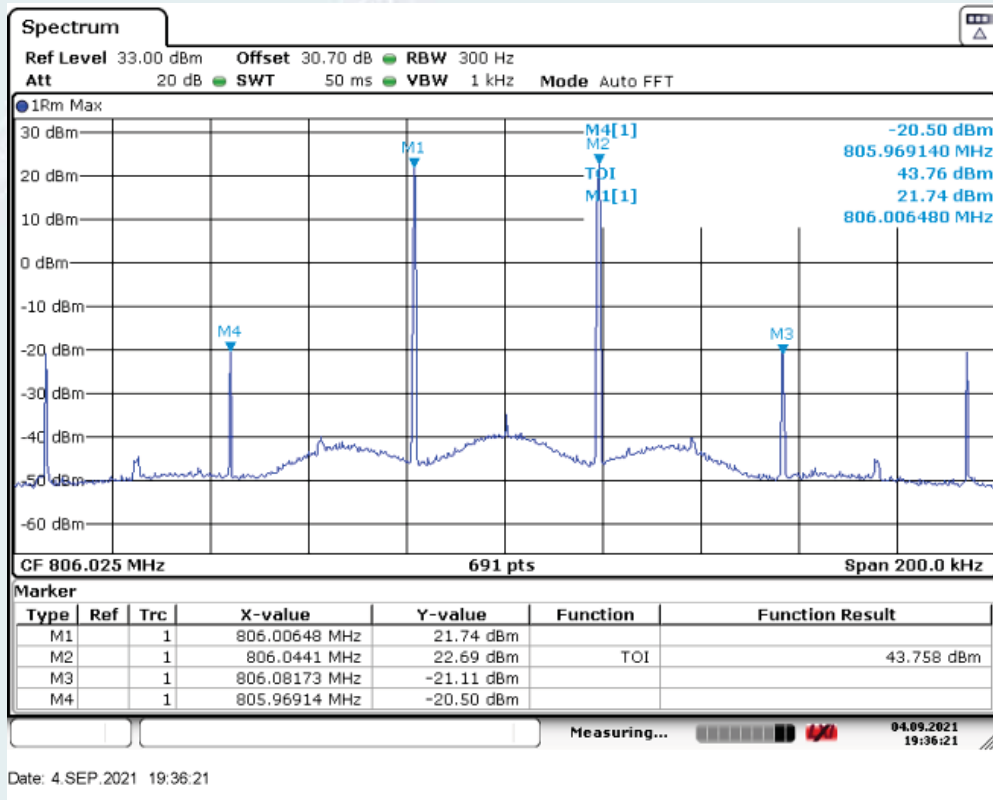


High Frequency and With the ALC threshold level

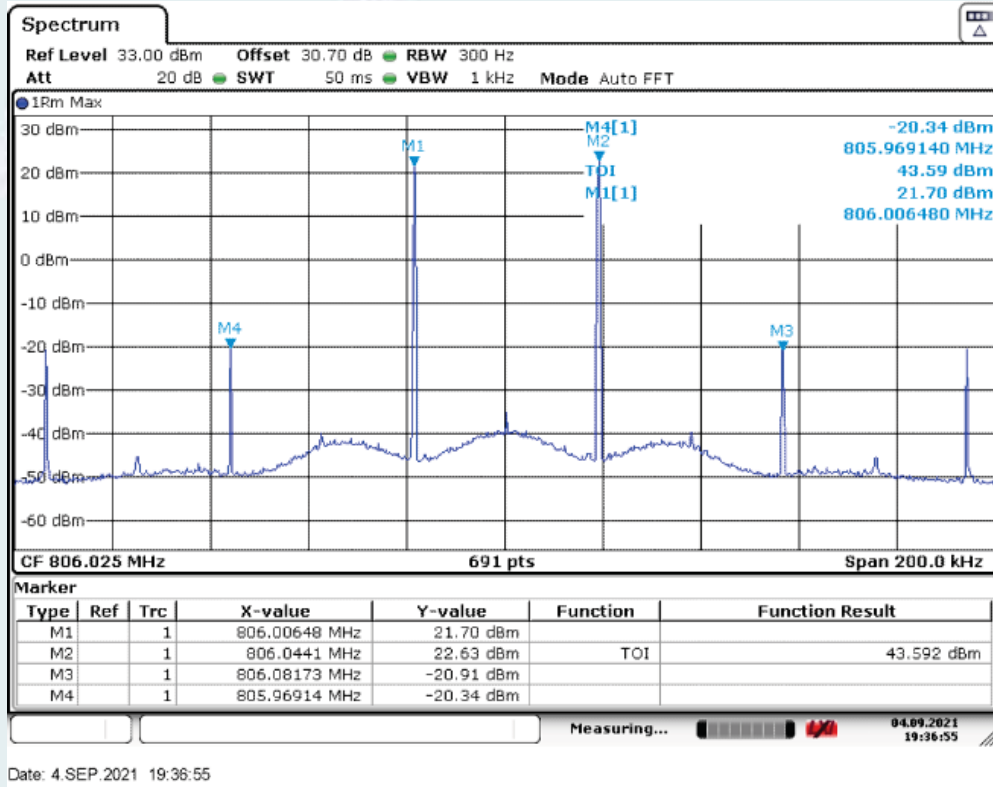


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

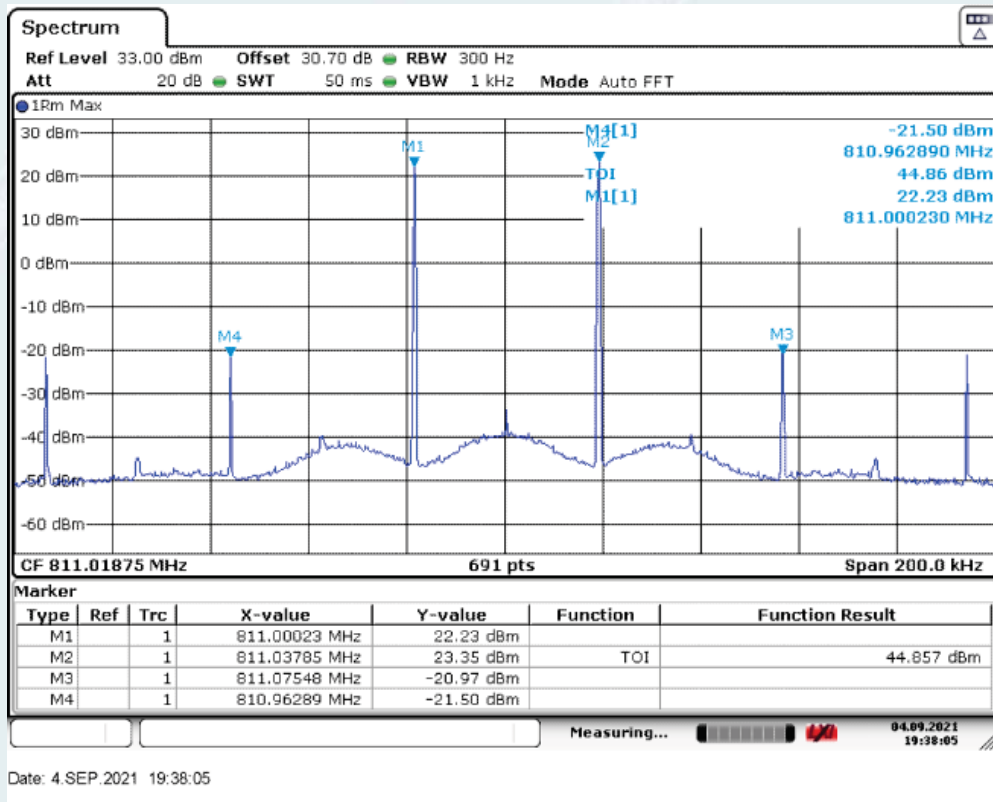
10.8.5.2.1.2 Uplink



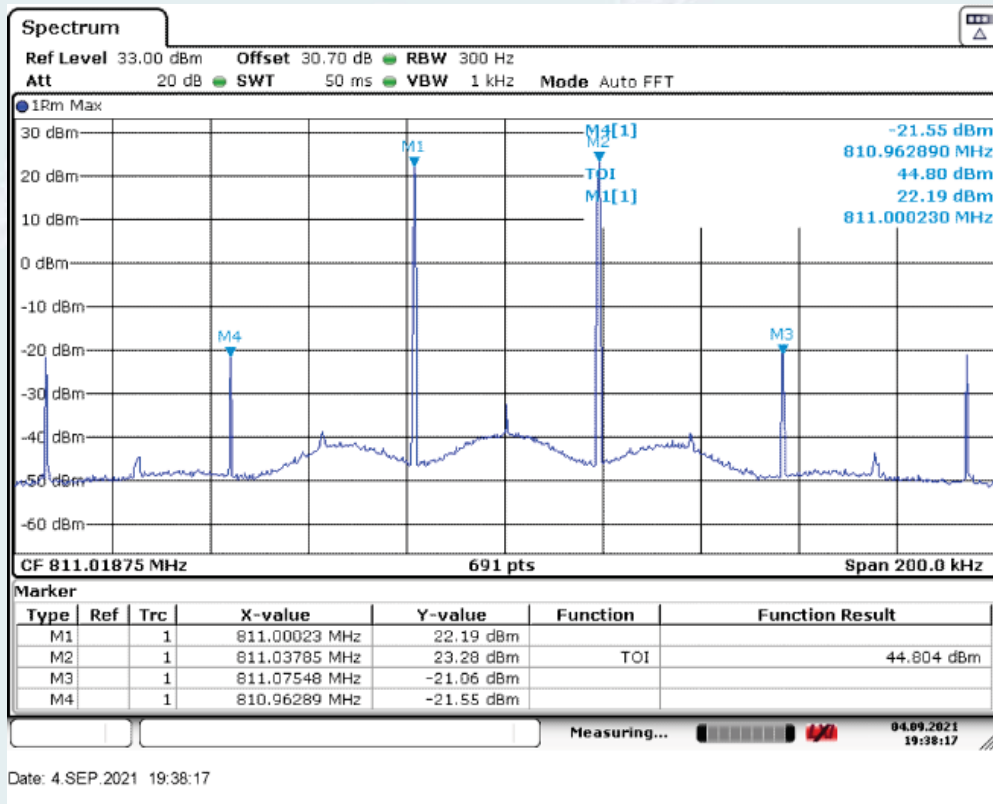
Low Frequency and With the ALC threshold level



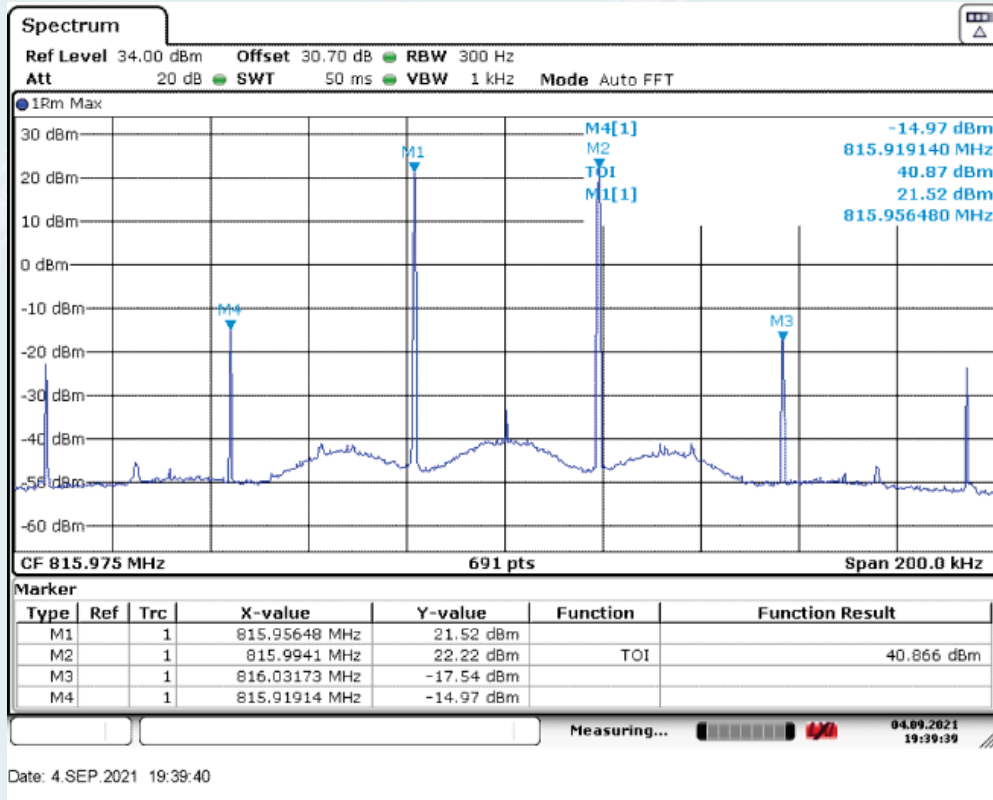
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



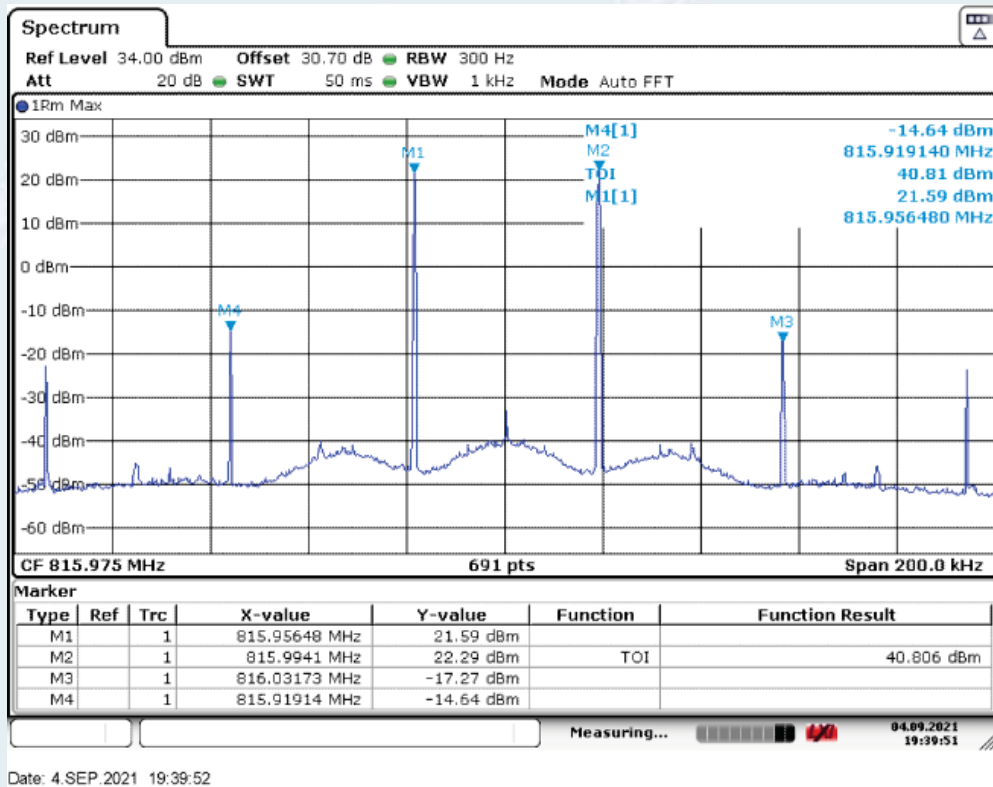
Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



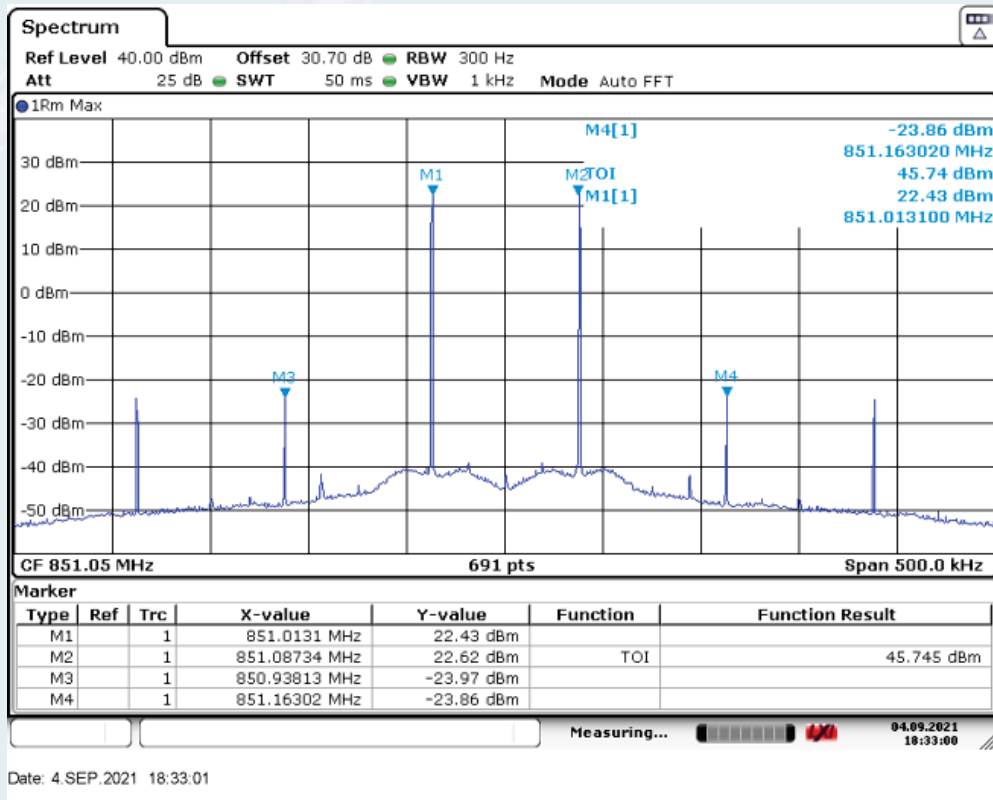
High Frequency and With the ALC threshold level



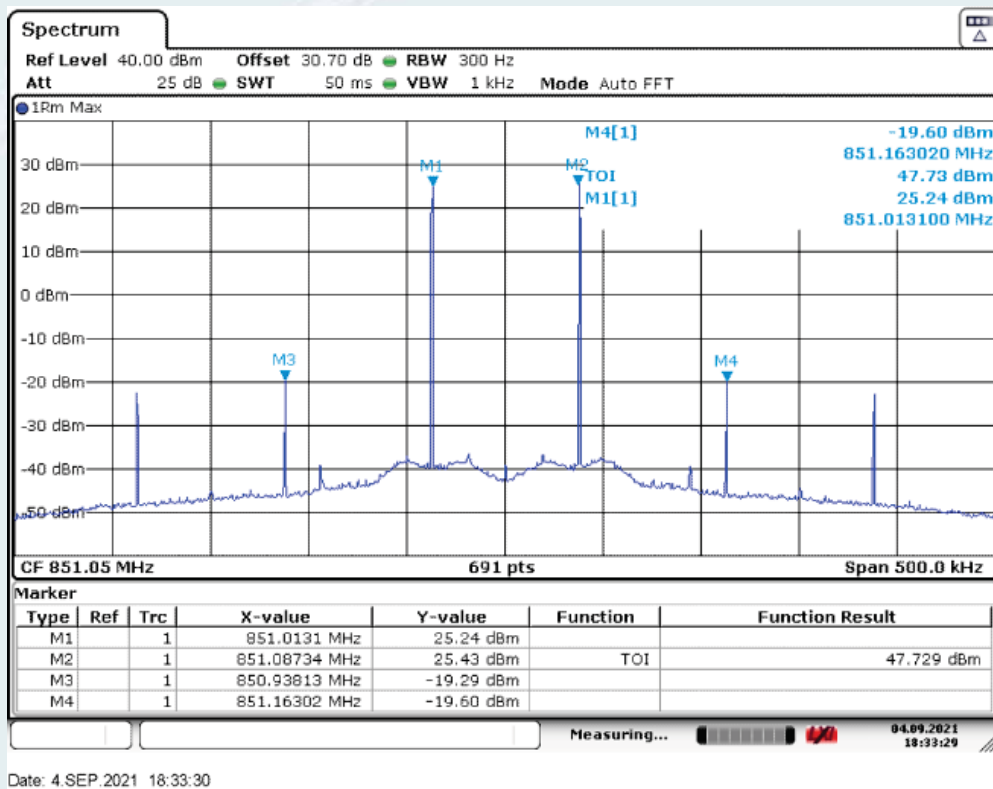
High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

10.8.5.2.2 Channel bandwidth 25kHz

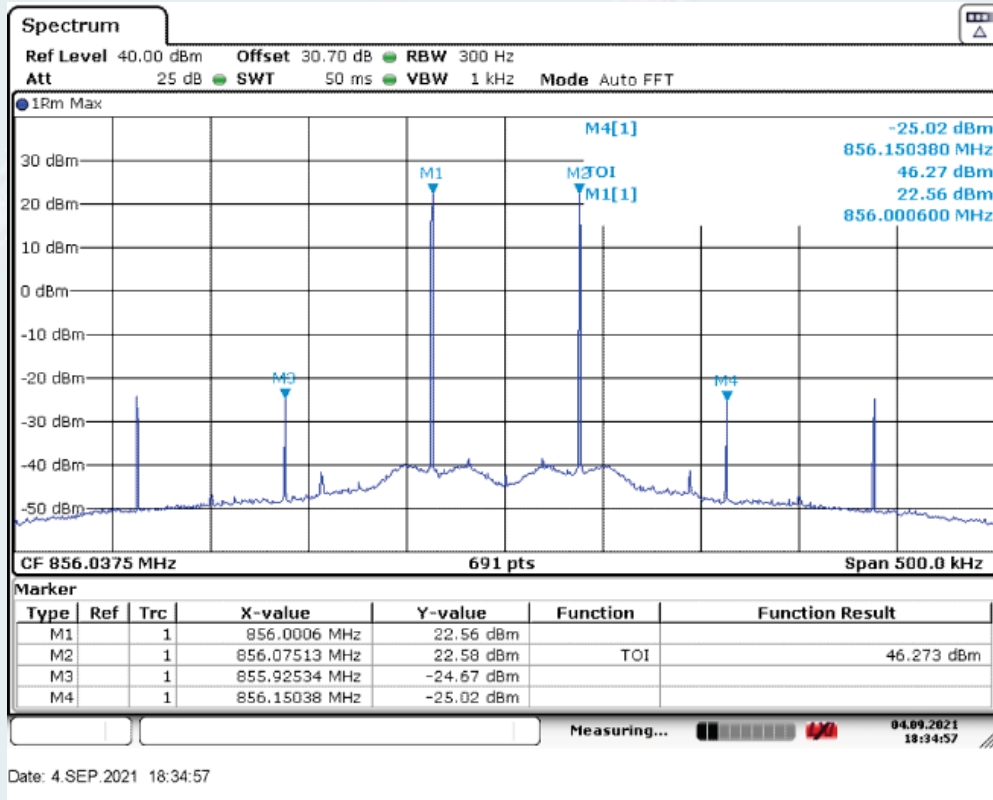
10.8.5.2.2.1 Downlink



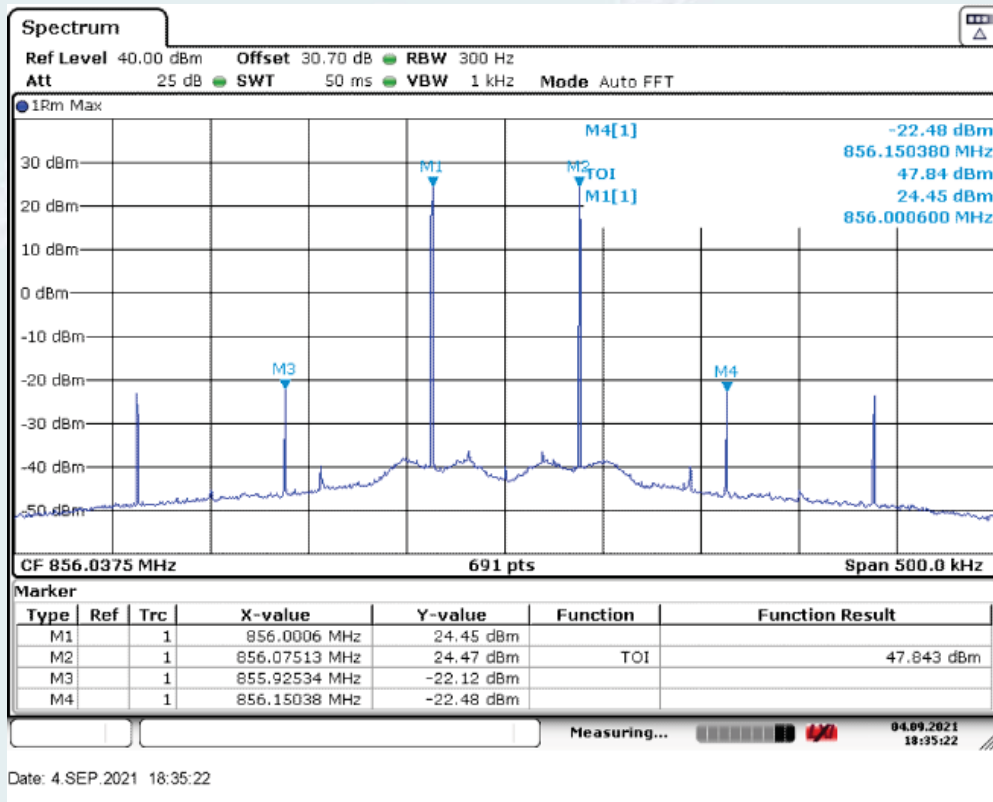
Low Frequency and With the ALC threshold level



Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



Mid Frequency and With the ALC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold