10 Intermodulation Products

10.1 *Test Result*

Test Description	Test reference	Test Result
Intermodulation products	ANSI C63.26 FCC KDB 935210 D05	Pass

10.2 *Test Method*

Testing was performed according to KDB 935210 D05 Industrial Signal Boosters Section 4.7.2.

10.3 *Test Equipment*

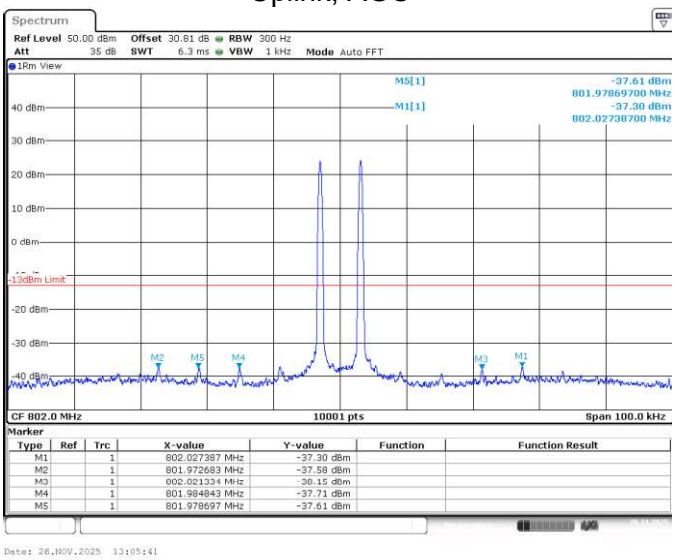
Test End Date: 26-Nov-2025 Tester: SGM

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
RF CABLE (TS8997)	141	HUBER & SUHNER	B095588	3-Jul-2025	3-Jul-2026
RF CABLE (TS8997)	141	HUBER & SUHNER	B095586	3-Jul-2025	3-Jul-2026
POWER SPLITTER	ZFRSC-183-S+	MINI-CIRCUITS	B101743	7-Jul-2025	7-Jul-2026
RF CABLE SMA TO SMA, 0.01-40GHZ	084-0505-059	TELEDYNE STORM MICROWAVE	20107	21-Mar-2025	21-Mar-2026
ATTENUATOR, 20W 30DB DC-18GHZ	BW-N30W20+	MINI-CIRCUITS	21017	5-May-2025	5-May-2026
SIGNAL ANALYZER (TS8997)	FSV30	ROHDE & SCHWARZ	B085749	4-Mar-2025	4-Mar-2026
SIGNAL GENERATOR	SMB 100A	ROHDE & SCHWARZ	B085760	8-Oct-2025	8-Oct-2028
VECTOR SIGNAL GENERATOR (TS8997)	SMBV 100A	ROHDE & SCHWARZ	15002	3-Mar-2025	3-Mar-2028

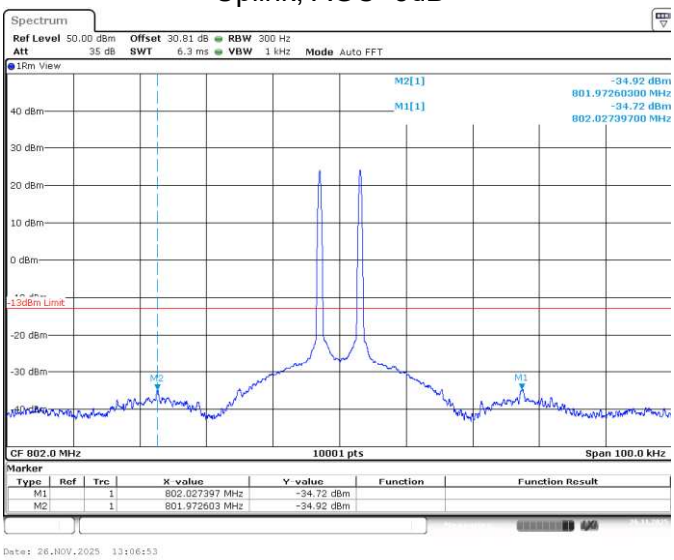
10.4 *Test Data – 700 MHz band*

10.4.1 6.25kHz Spacing

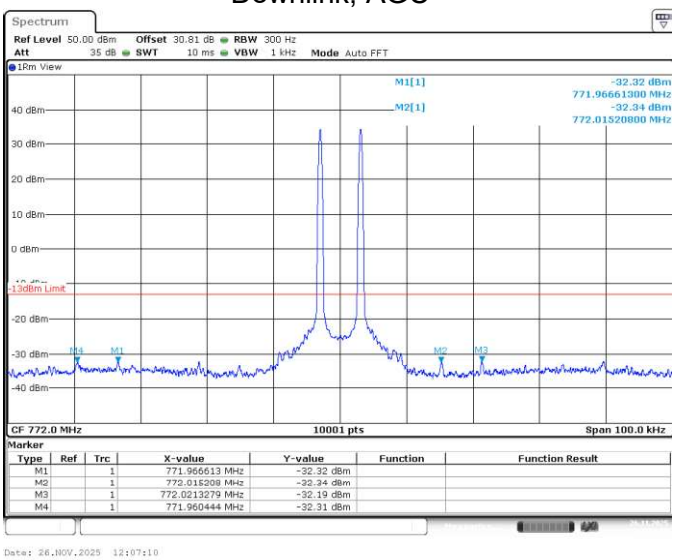
Uplink, AGC



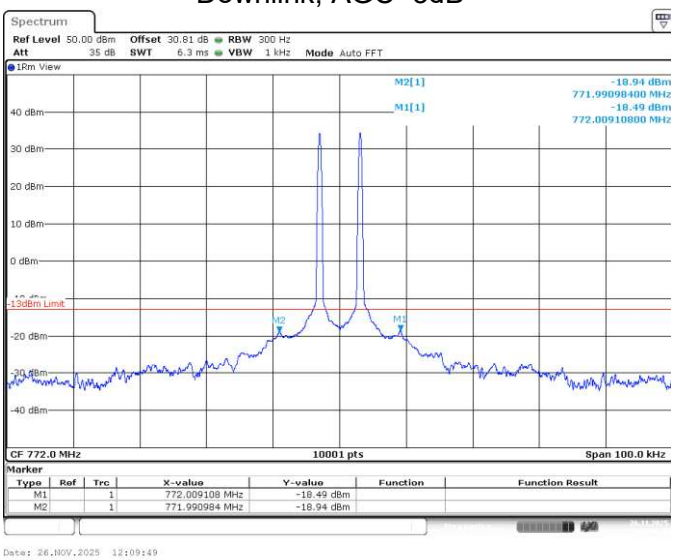
Uplink, AGC+3dB



Downlink, AGC

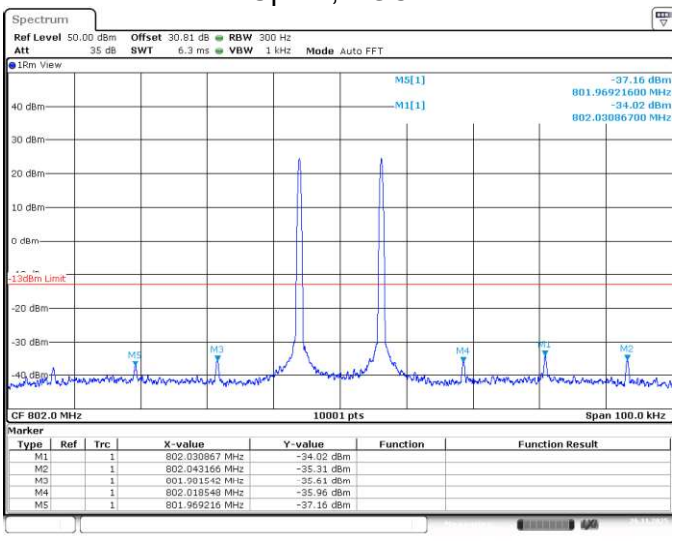


Downlink, AGC+3dB

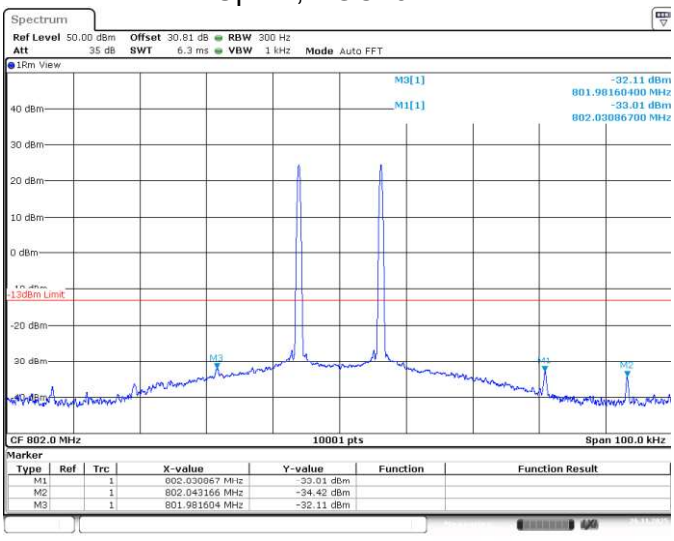


10.4.2 **12.5kHz Spacing**

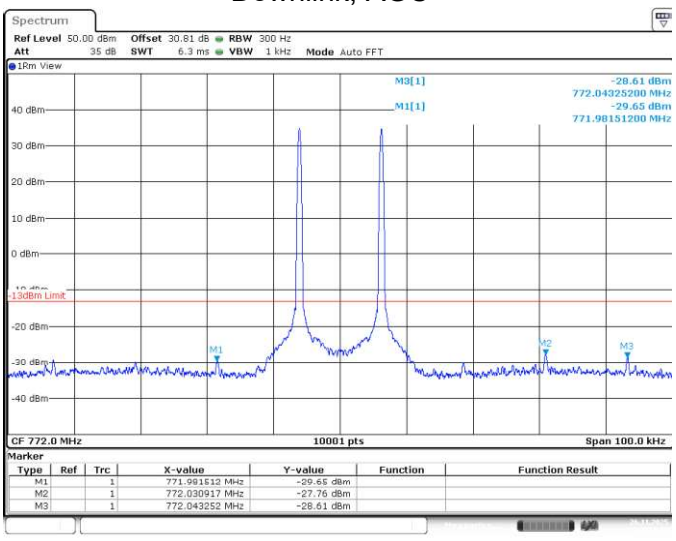
Uplink, AGC



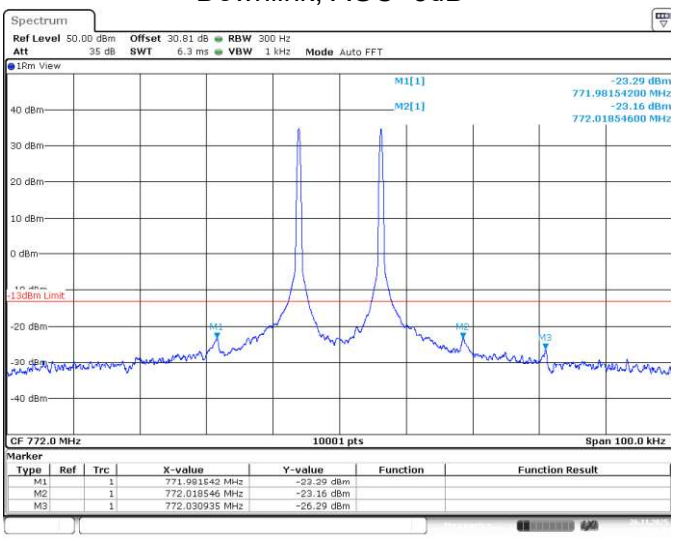
Uplink, AGC+3dB



Downlink, AGC

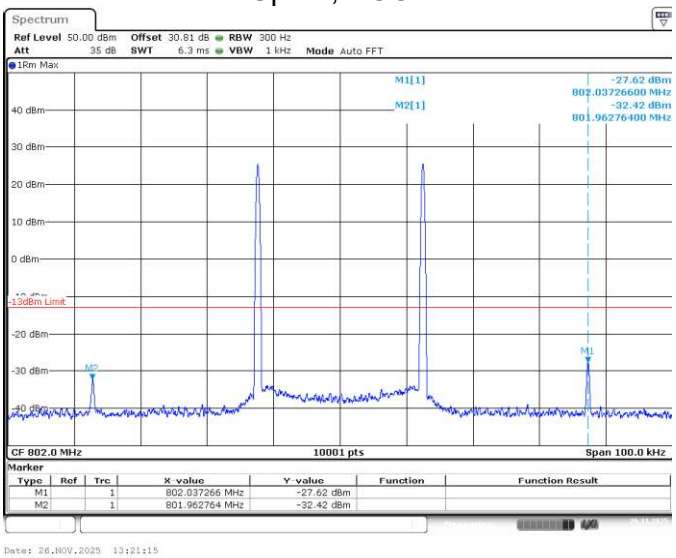


Downlink, AGC+3dB

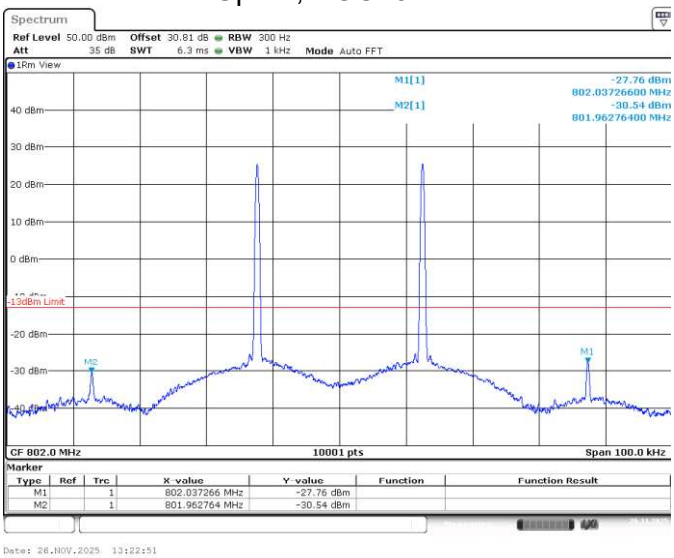


10.4.3 **25kHz Spacing**

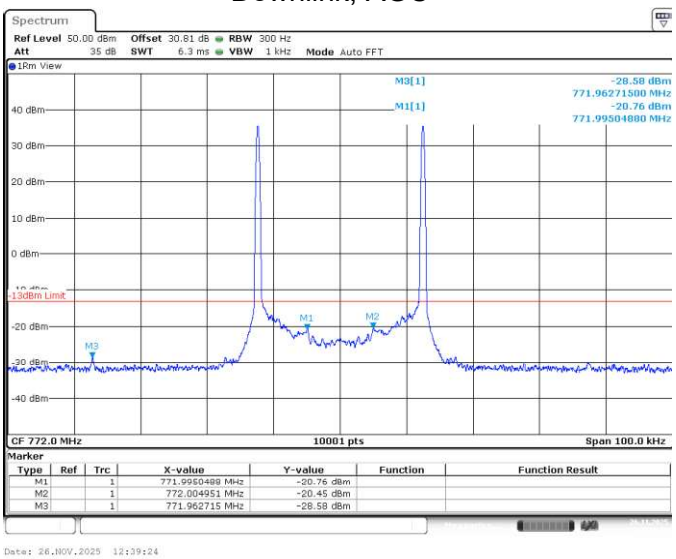
Uplink, AGC



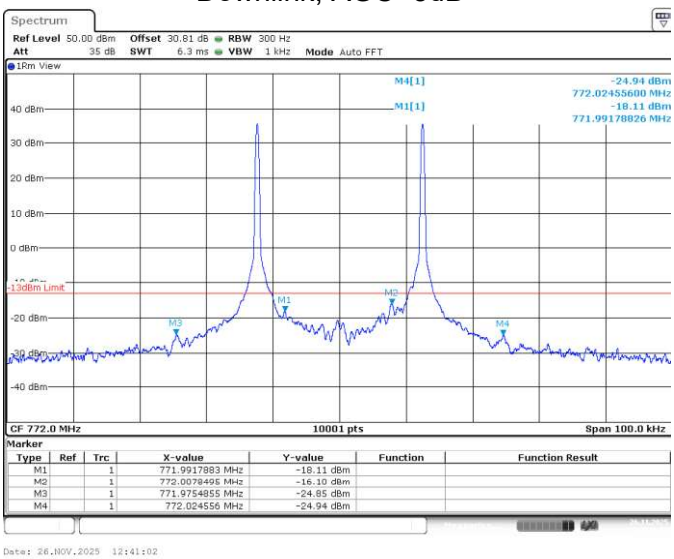
Uplink, AGC+3dB



Downlink, AGC

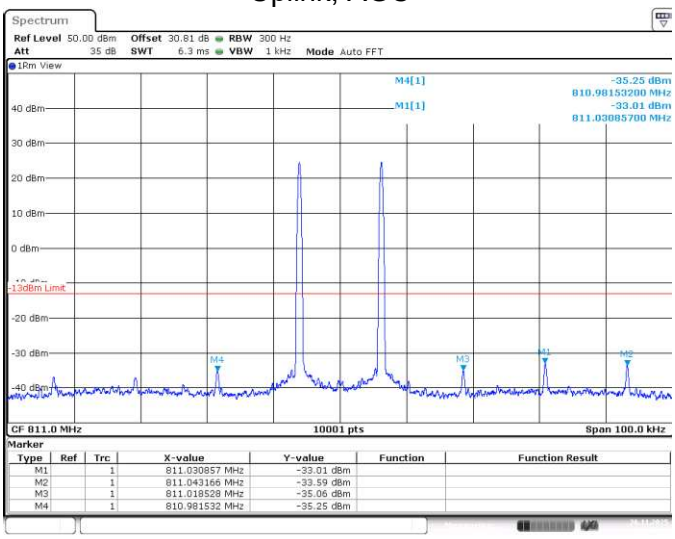


Downlink, AGC+3dB

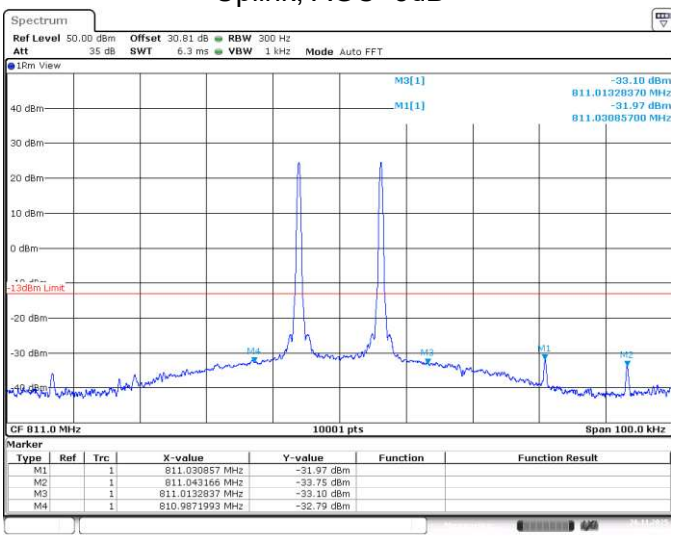


10.5 *Test Data – 800 MHz band*

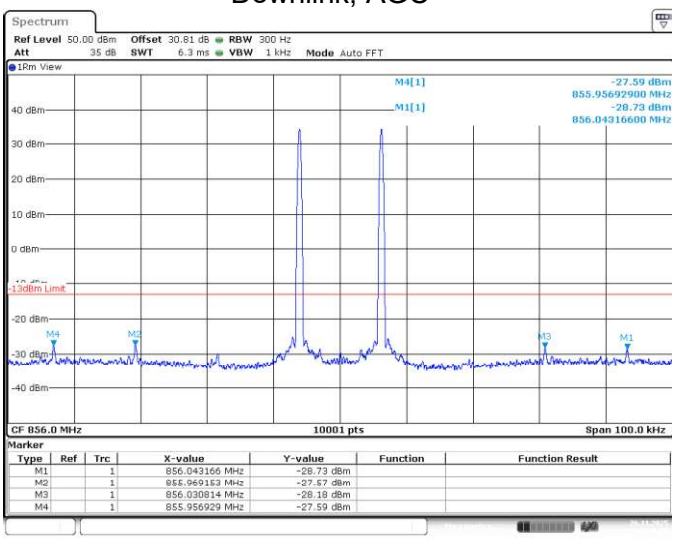
Uplink, AGC



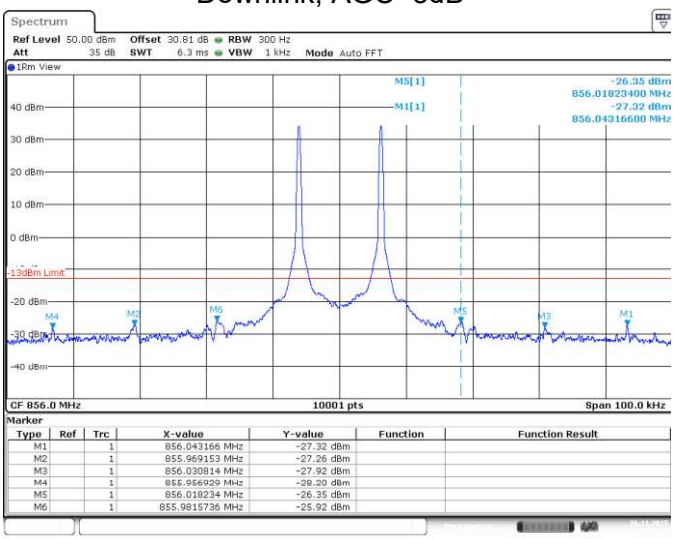
Uplink, AGC+3dB



Downlink, AGC



Downlink, AGC+3dB



11 Measurement Uncertainty

Measurement uncertainty is not used to adjust the measurements to determine compliance.

Measurement uncertainty values in the table below comply with CISPR 16-4-2.

Parameter	Uncertainty
Conducted emissions	±0.8 dB
Radiated emissions, 9 kHz to 30 MHz	±3.5 dB
Radiated emissions, 30 to 200 MHz	±3.1 dB
Radiated emissions, 200 to 1000 MHz	±4.6 dB
Radiated emissions, 1 to 18 GHz	±5.4 dB
Radiated emissions, 18 to 40 GHz	±4.0 dB
Note: The uncertainties provided in this table represent an expanded uncertainty expressed at the ~%95 confidence level using a coverage factor of K=2.	

12 Revision History

Revision Level	Description of changes	Revision Date
Draft	Draft Release	26 November 2025
0	Initial Release	29 December 2025