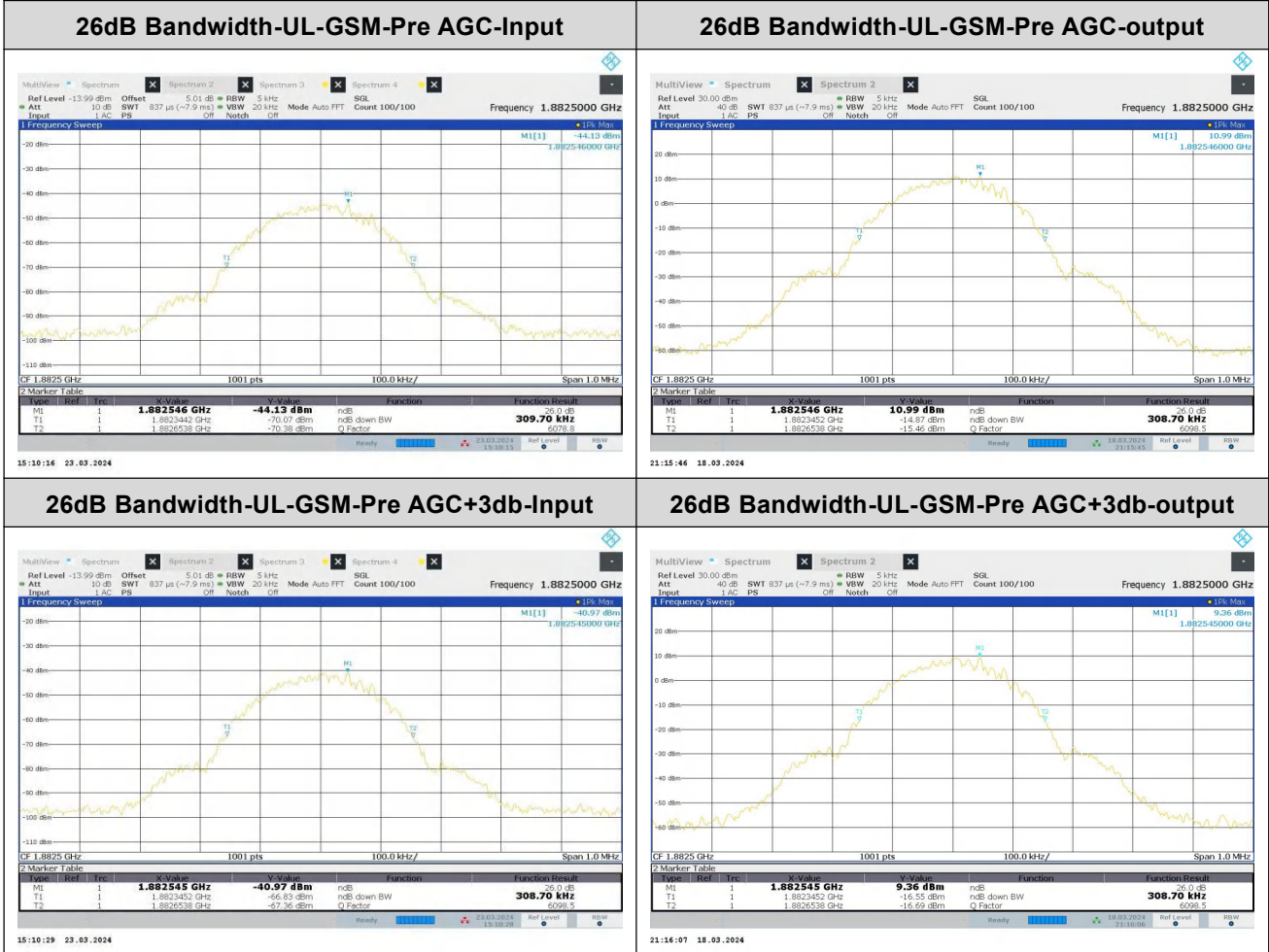
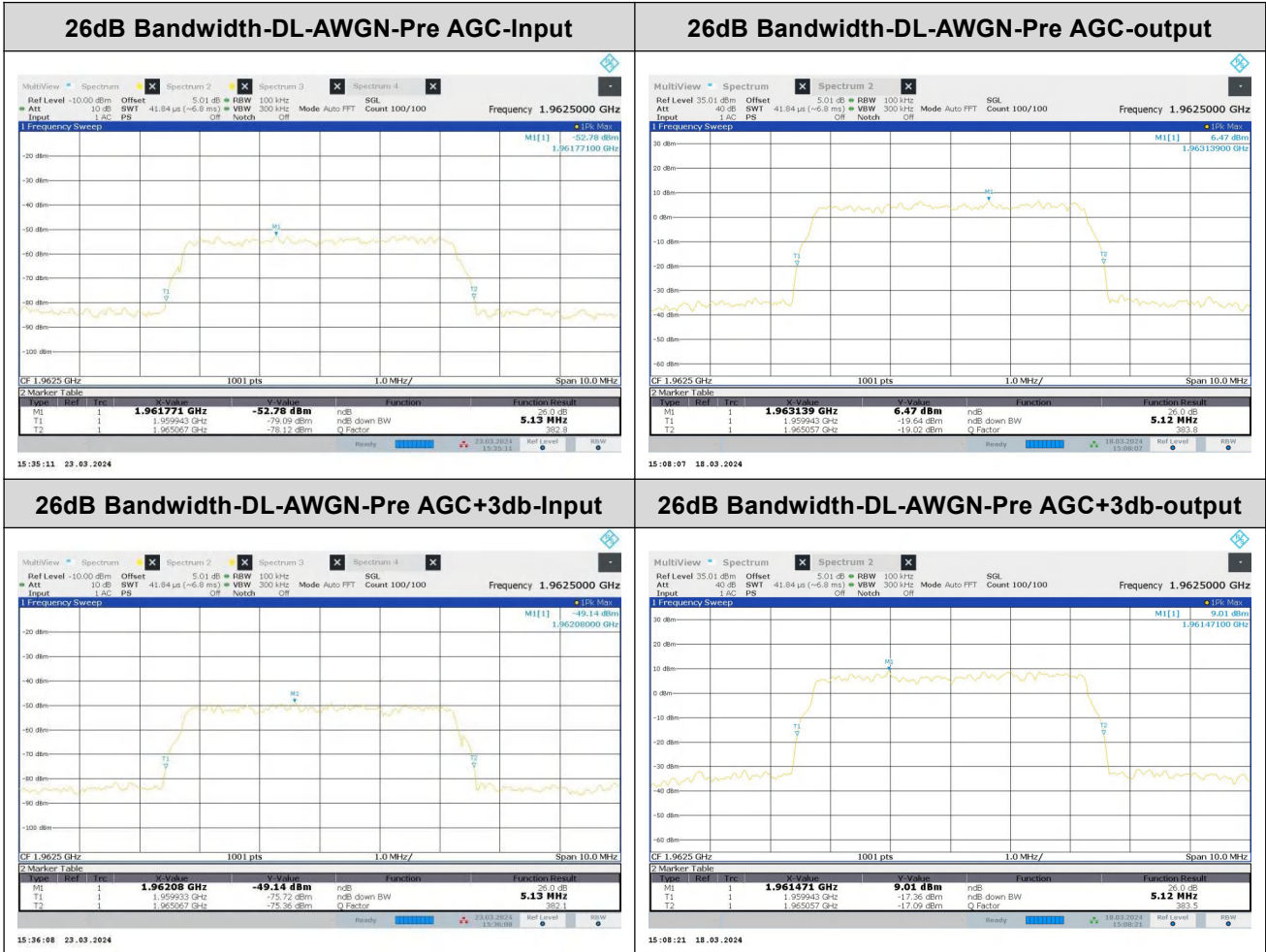


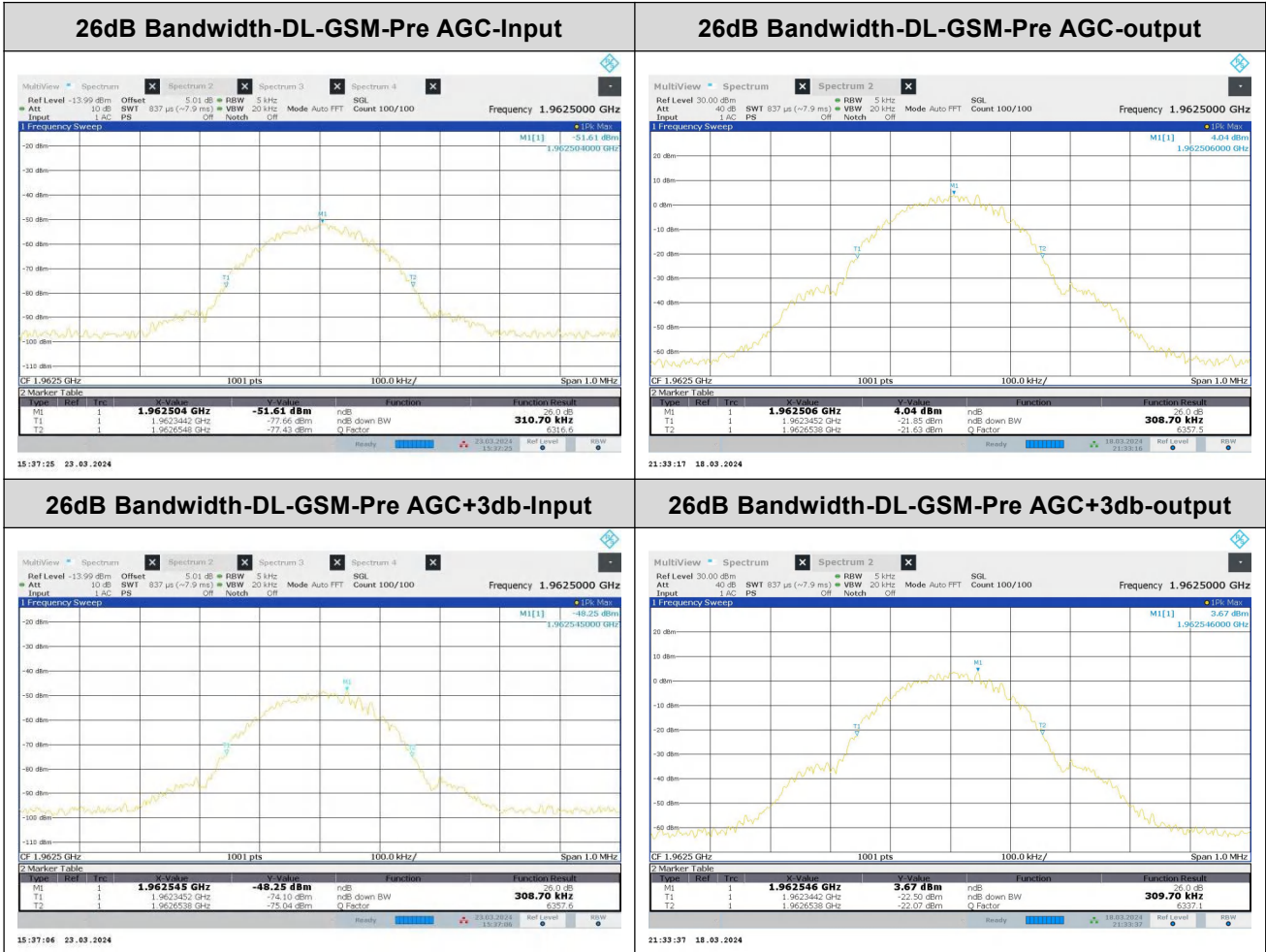
Broadband PCS



Broadband PCS



Broadband PCS



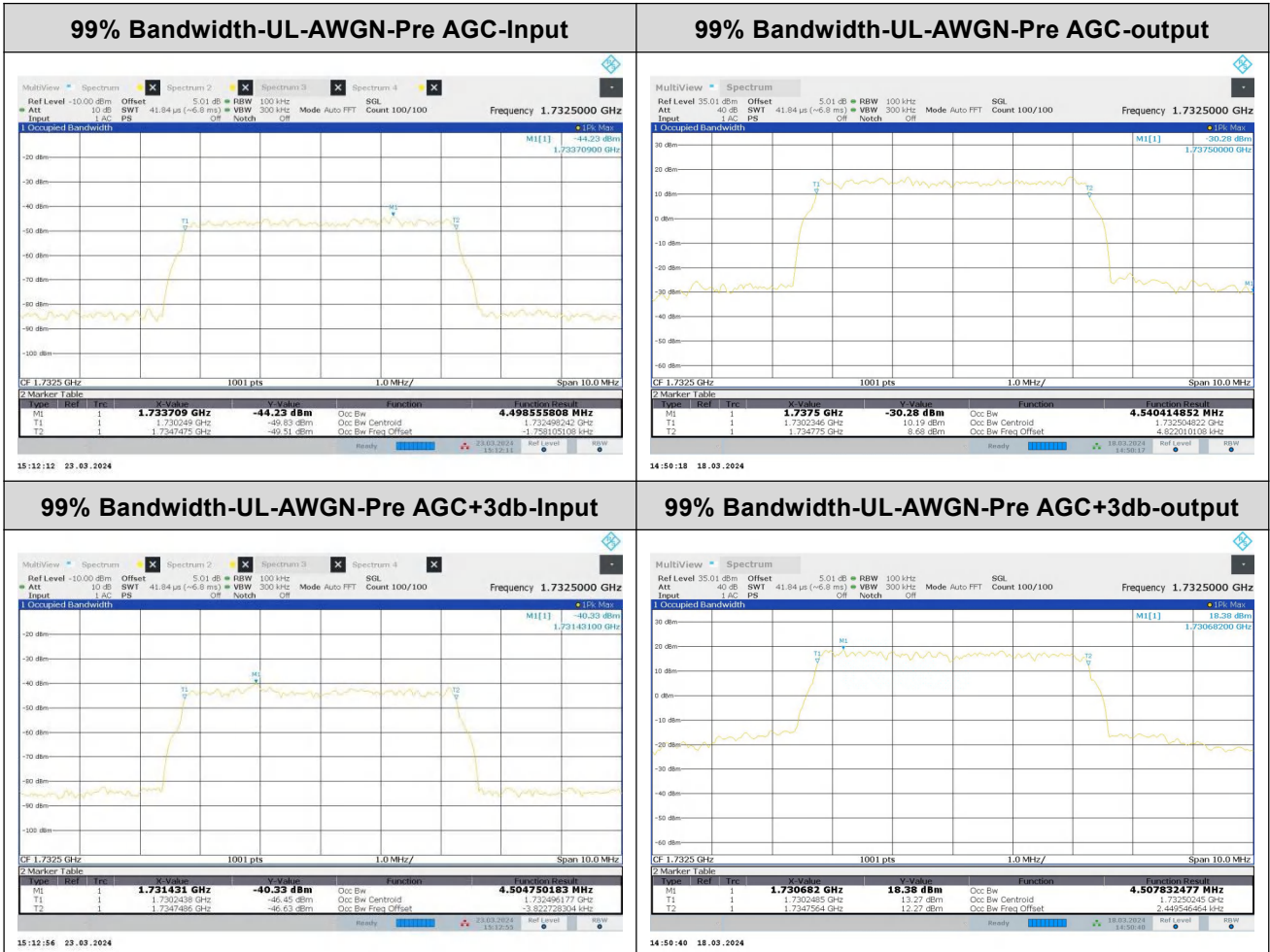
AWS-1

| Mode | SignalType | Signal Level | Frequency (MHz) | 99% Bandwidth (MHz) | | 26dB Bandwidth (MHz) | |
|----------|------------|---------------|-----------------|---------------------|--------|----------------------|--------|
| | | | | Input | Output | Input | Output |
| | | | | | | | |
| Uplink | AWGN | Pre-AGC | 1732.5 | 4.498 | 4.540 | 5.090 | 5.090 |
| | | 3dB above AGC | 1732.5 | 4.504 | 4.507 | 5.080 | 5.080 |
| | GSM | Pre-AGC | 1732.5 | 0.247 | 0.248 | 0.309 | 0.308 |
| | | 3dB above AGC | 1732.5 | 0.248 | 0.247 | 0.308 | 0.308 |
| Downlink | AWGN | Pre-AGC | 2132.5 | 4.555 | 4.519 | 5.110 | 5.130 |
| | | 3dB above AGC | 2132.5 | 4.520 | 4.508 | 5.110 | 5.110 |
| | GSM | Pre-AGC | 2132.5 | 0.250 | 0.247 | 0.311 | 0.309 |
| | | 3dB above AGC | 2132.5 | 0.249 | 0.248 | 0.310 | 0.308 |

* Since the AGC Threshold level and AGC + 3 dB level for downlink are as low as -80 dBm, which is about the noise floor, the input levels are adjusted in order to get the right input 99% OBW and -26 dB BW when testing.

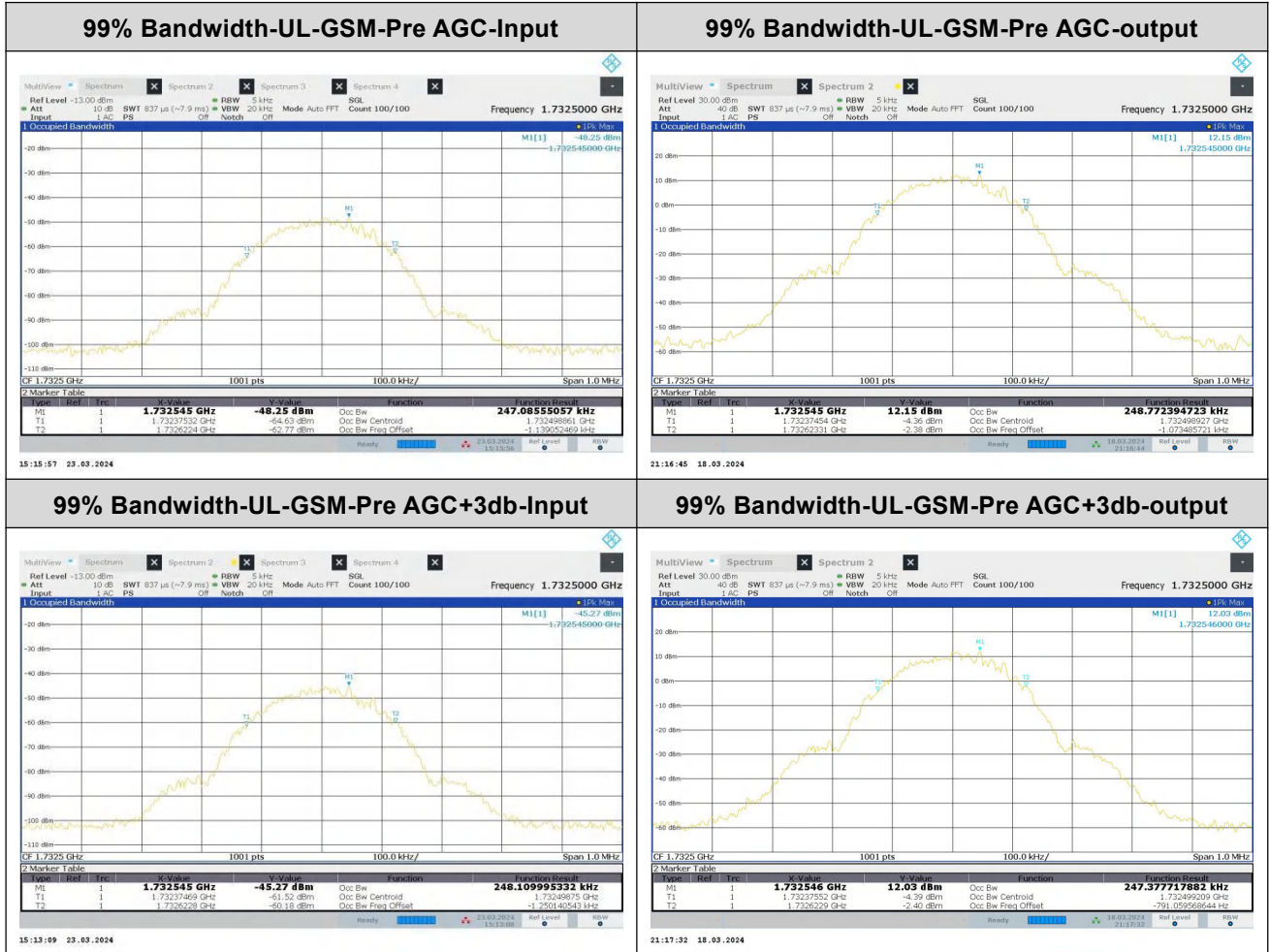


AWS-1



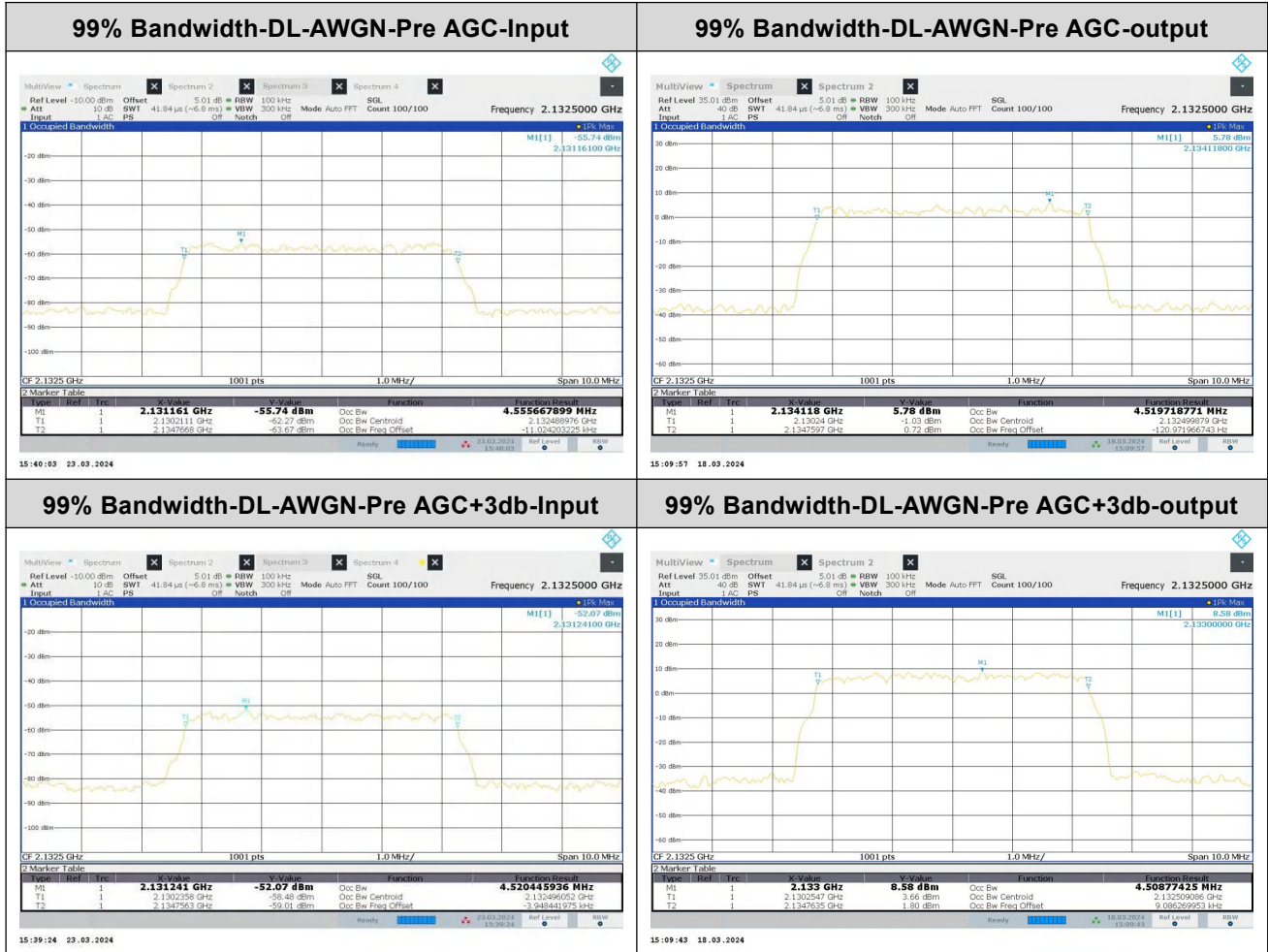


AWS-1



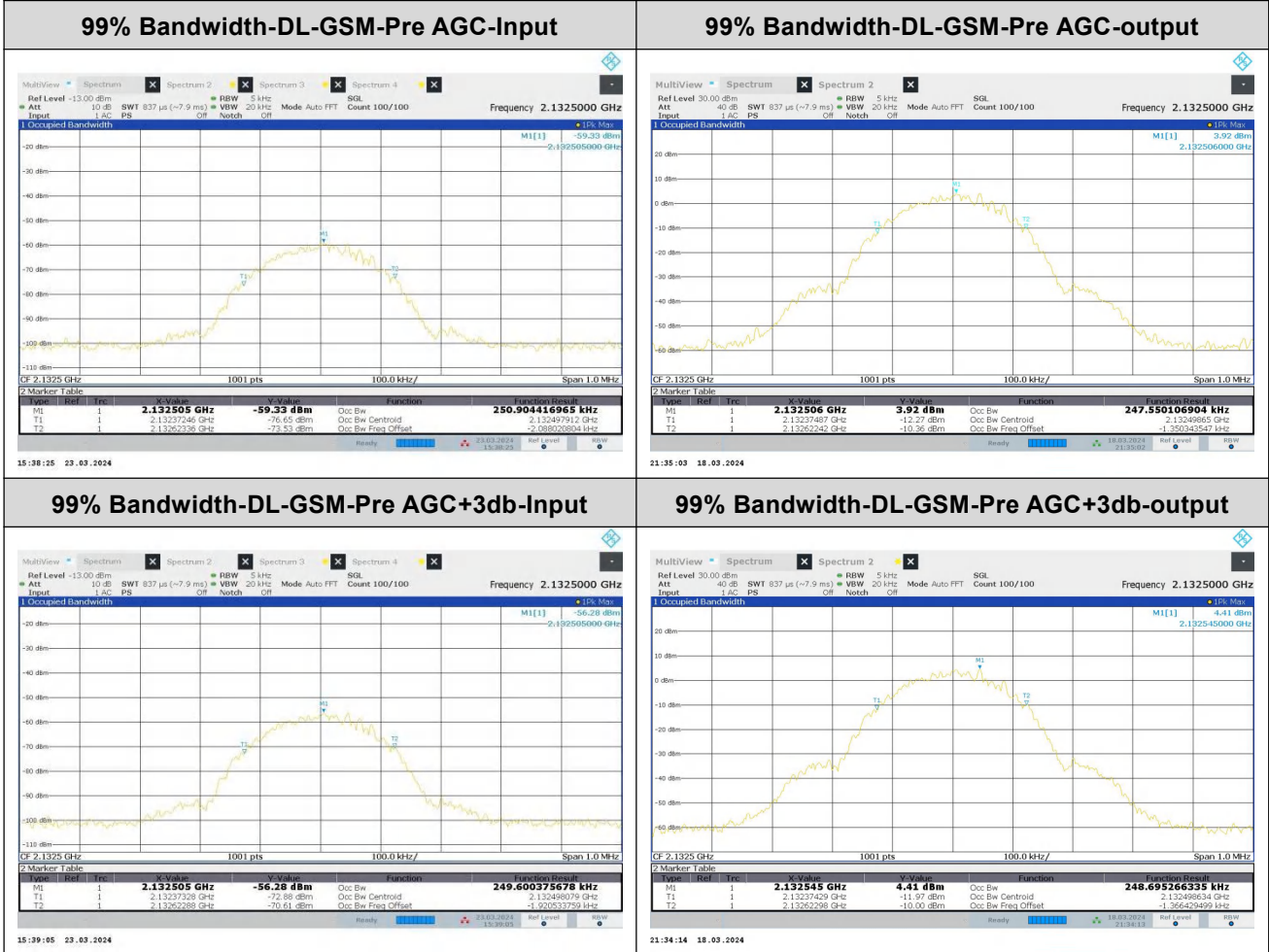


AWS-1



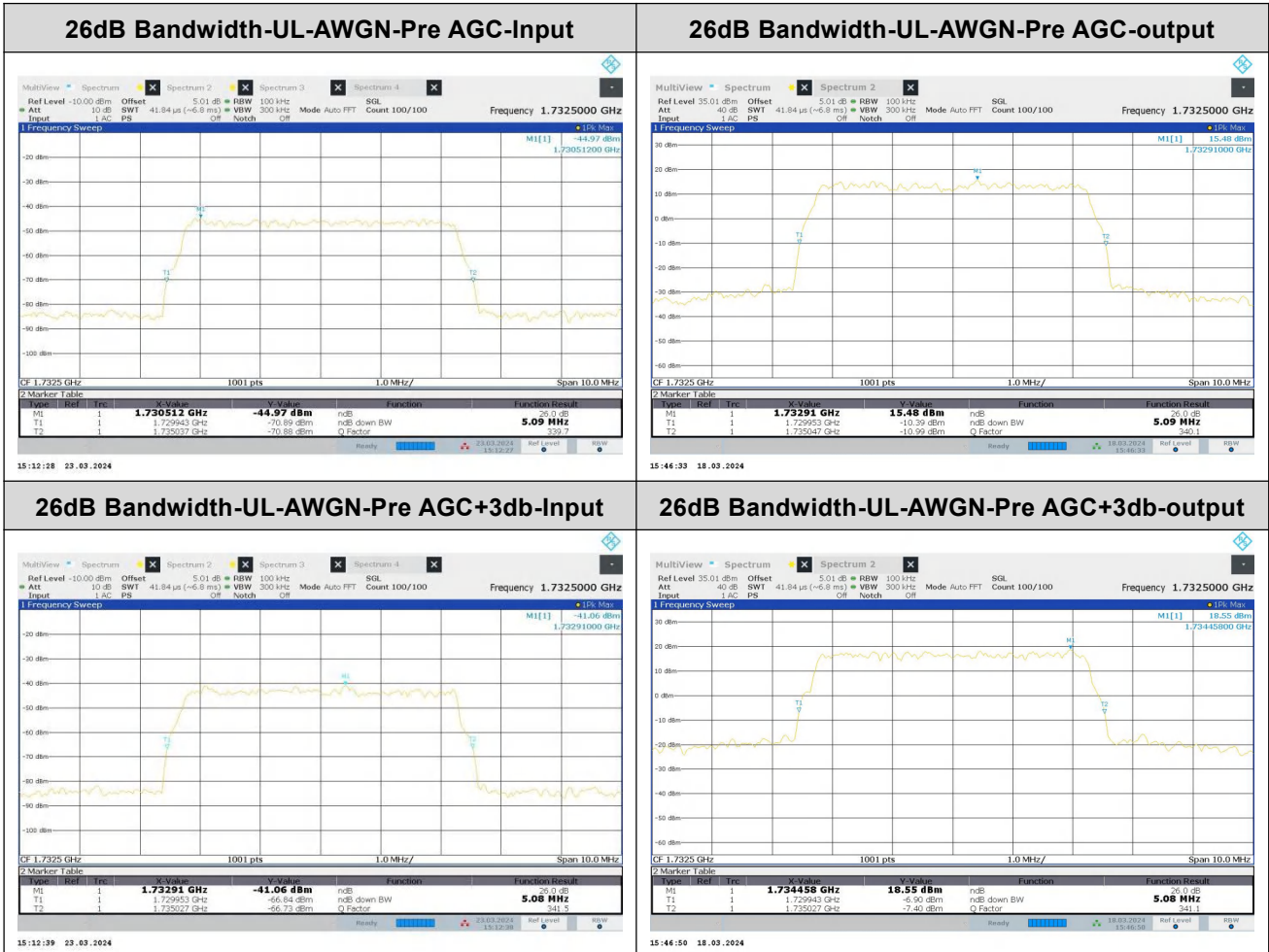


AWS-1

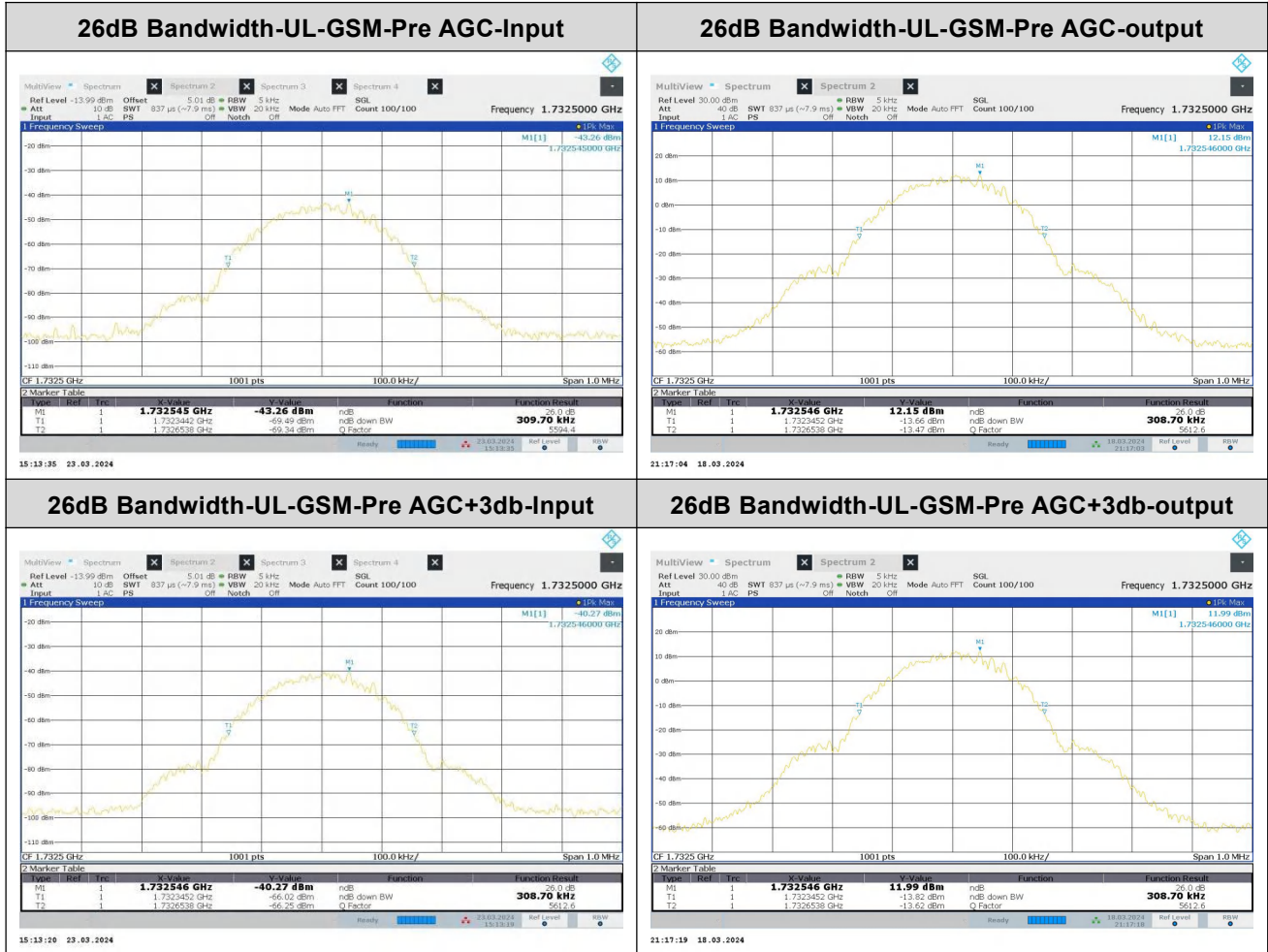




AWS-1

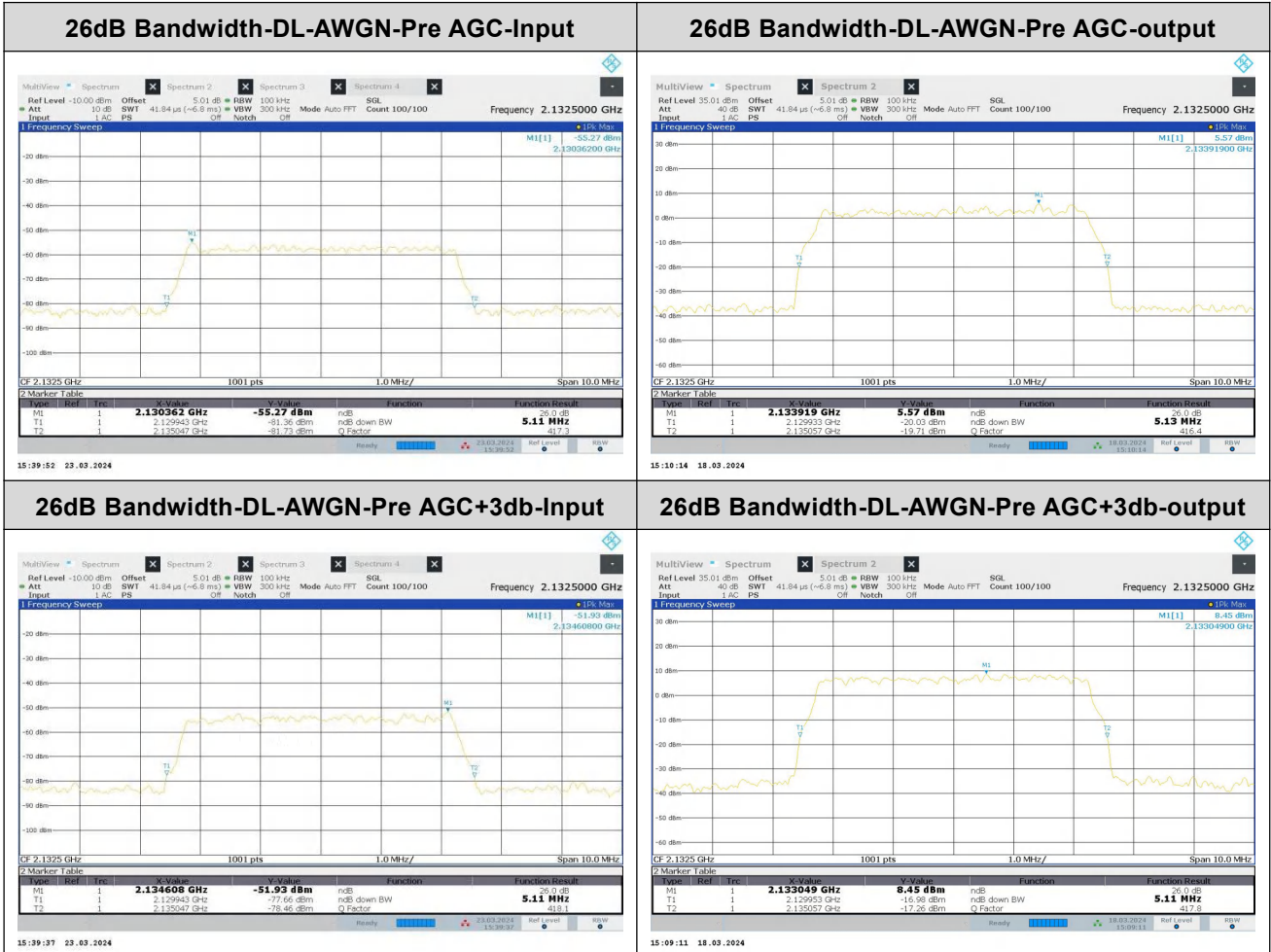


AWS-1

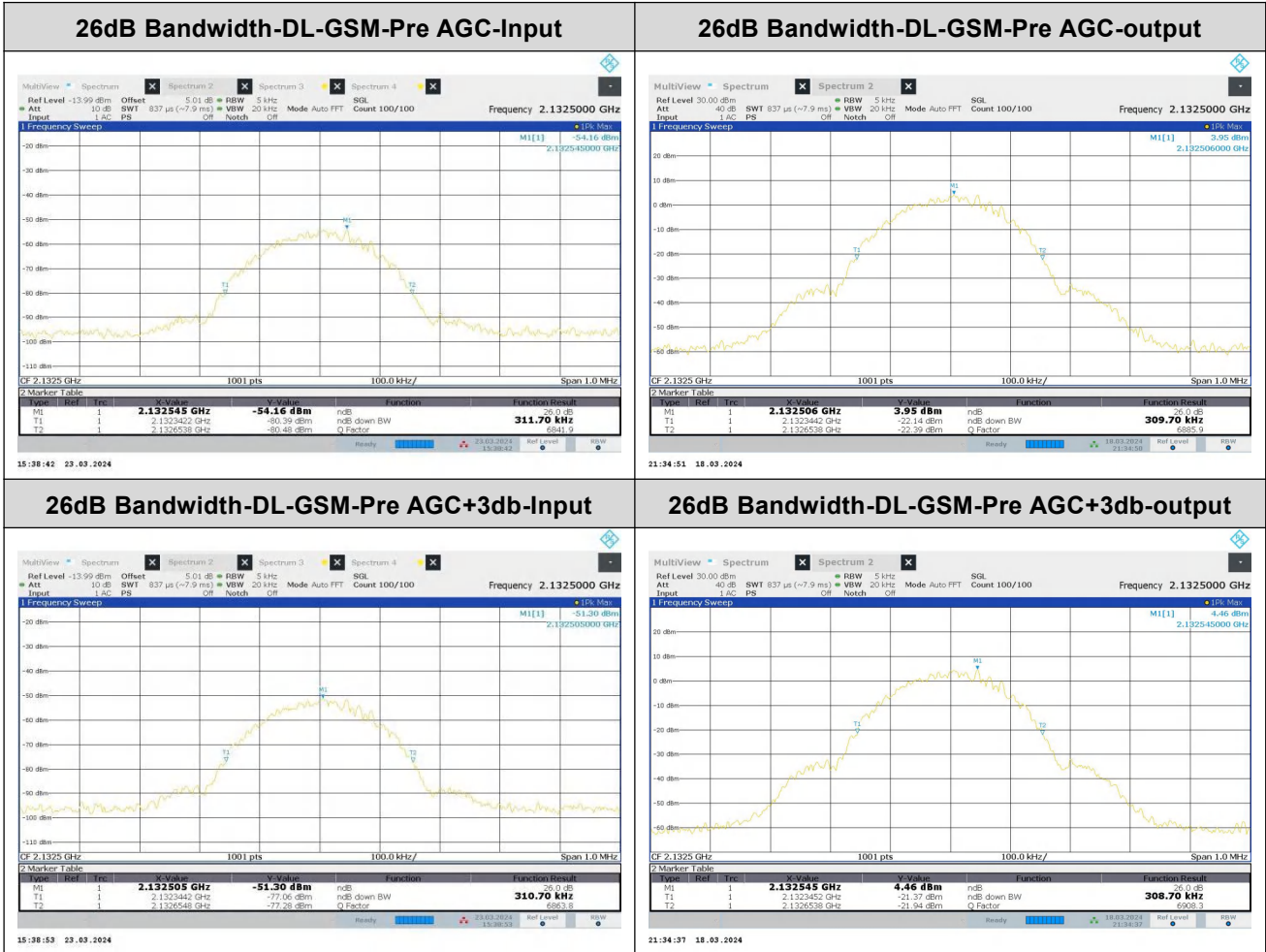




AWS-1



AWS-1



3.3 SPURIOUS EMISSIONS AT ANTENNA TERMINALS& INTERMODULATION

3.3.1 Standard Applicable

According to §2.1051,§22.917, §24.238 and §27.53.

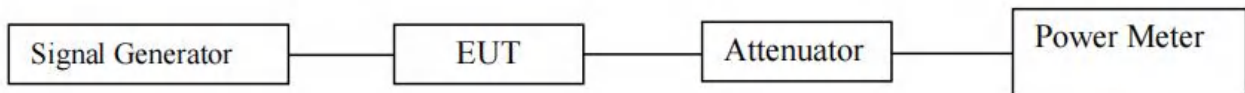
The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

3.3.2 Measurement procedure

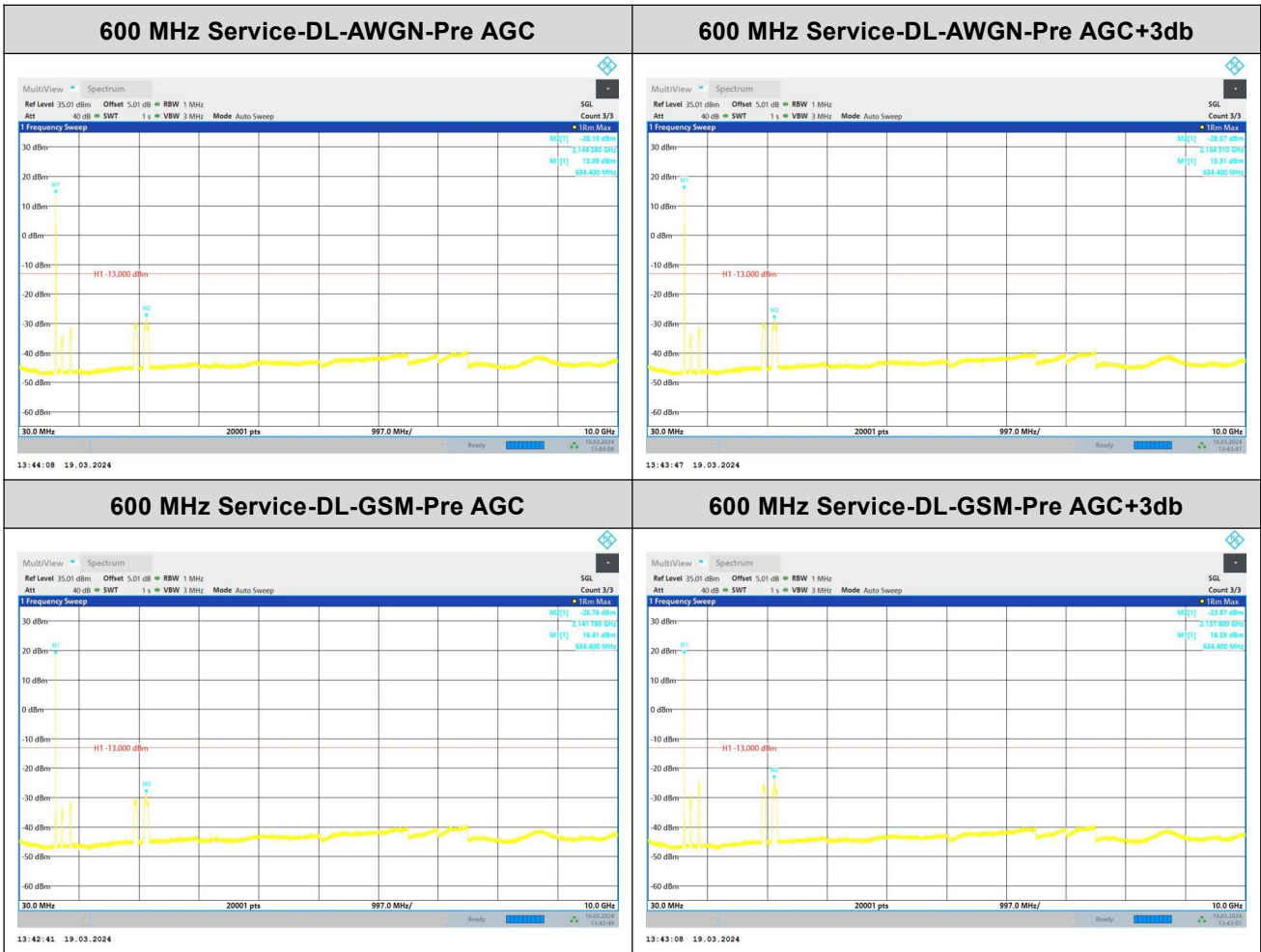
Please refer to KDB 935210 D05 Indus Booster Basic Meas v01r04 clause 3.6.3

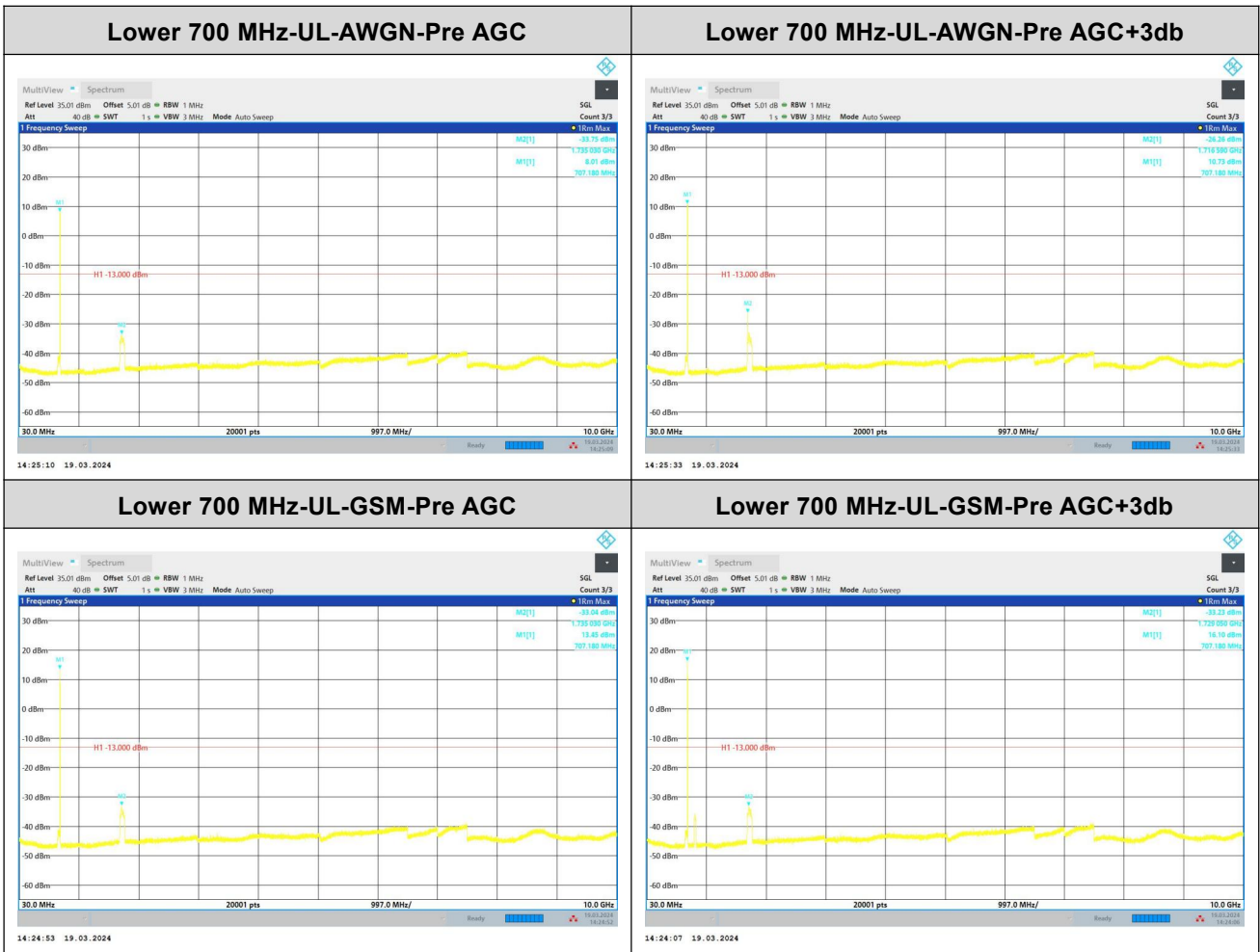
3.3.3 Test setup

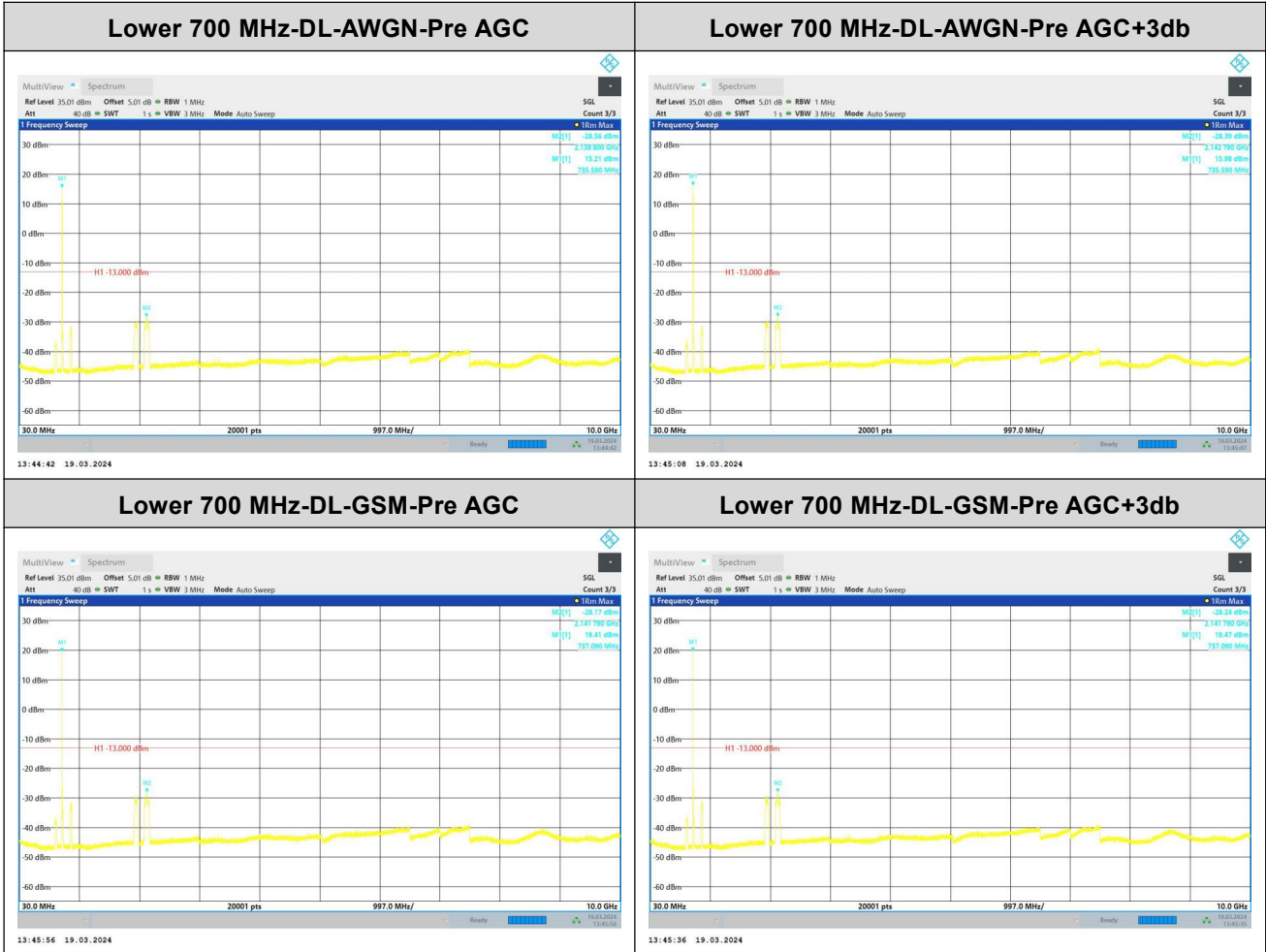


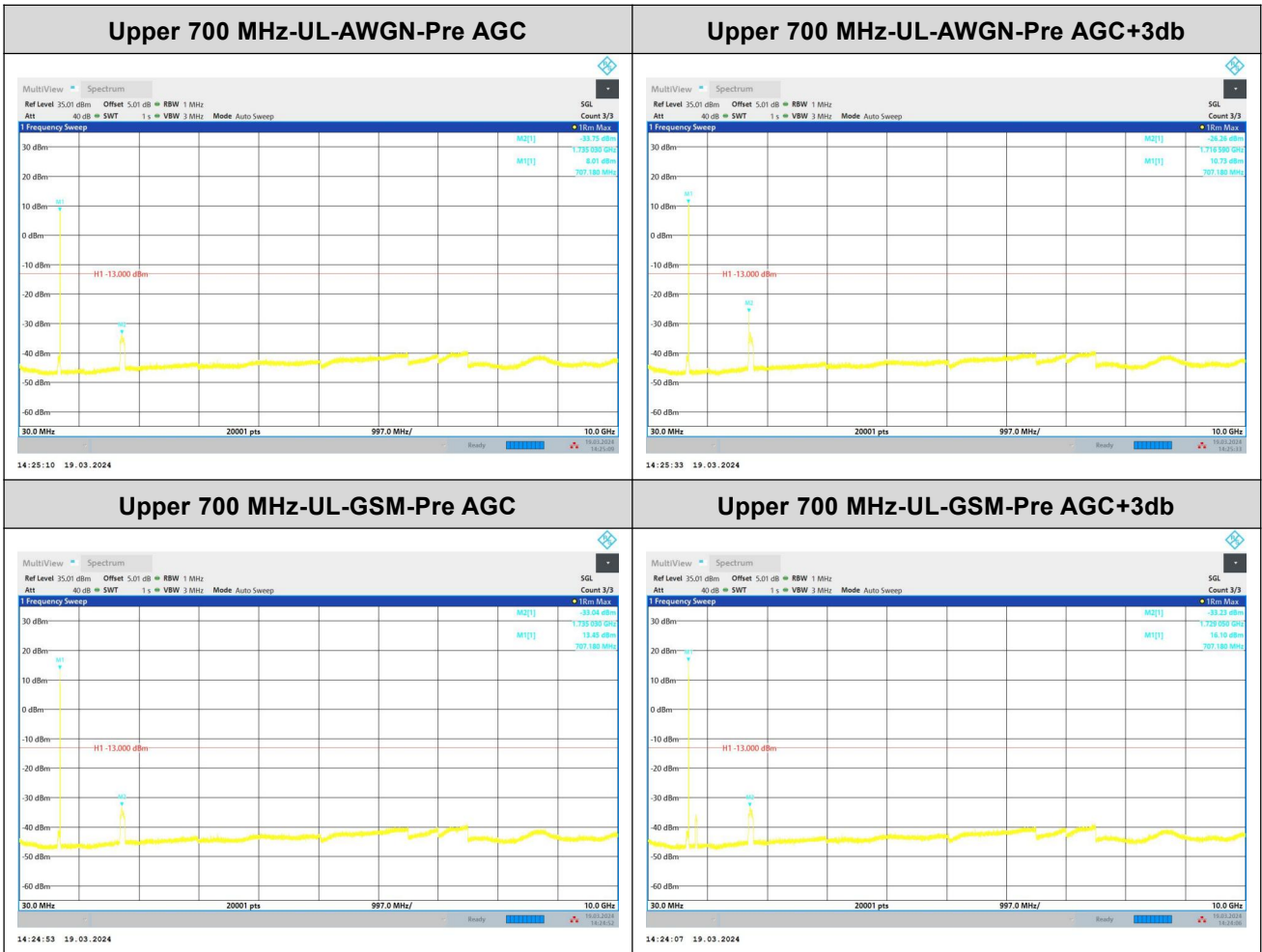
3.3.4 Test results



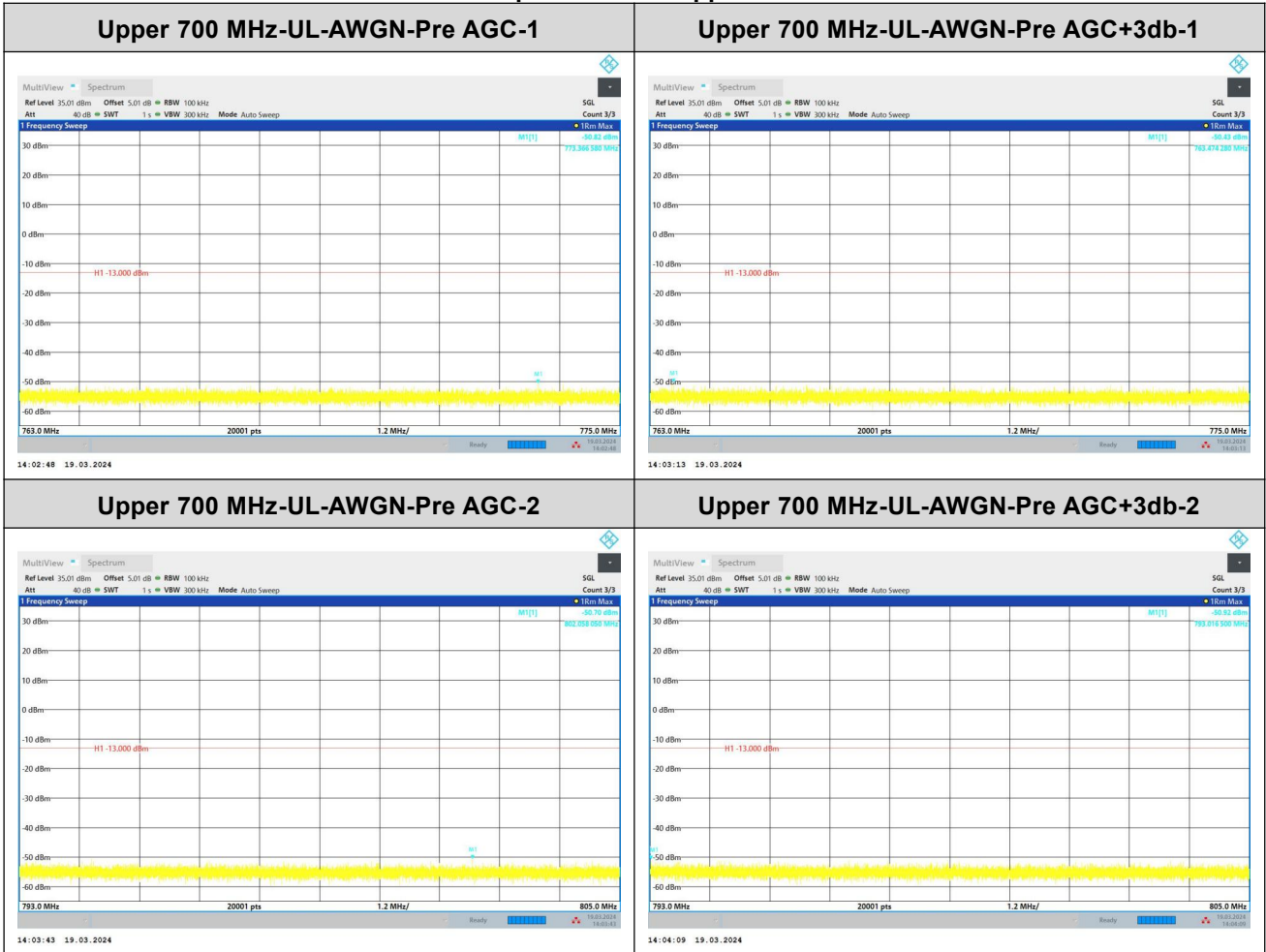


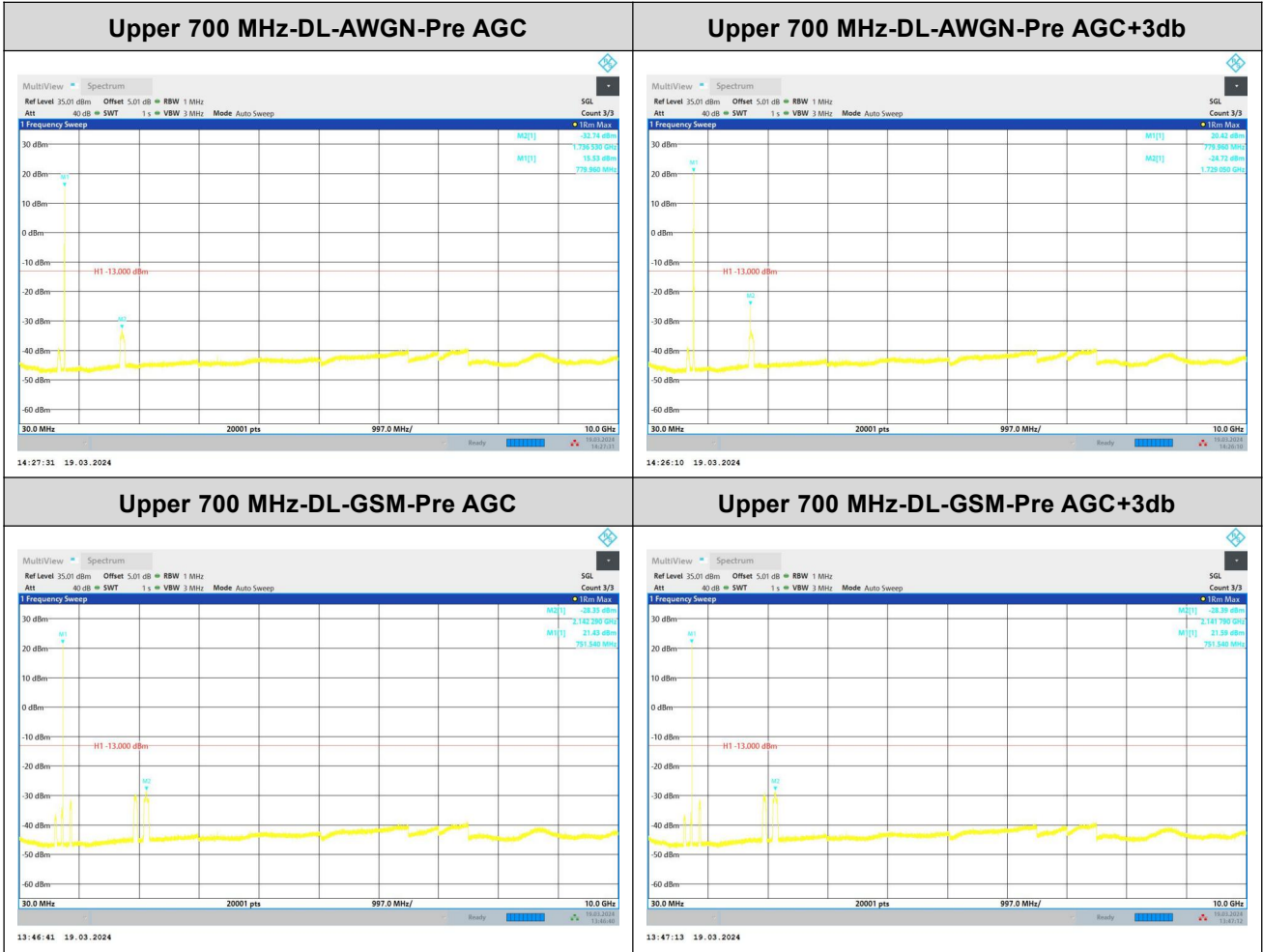




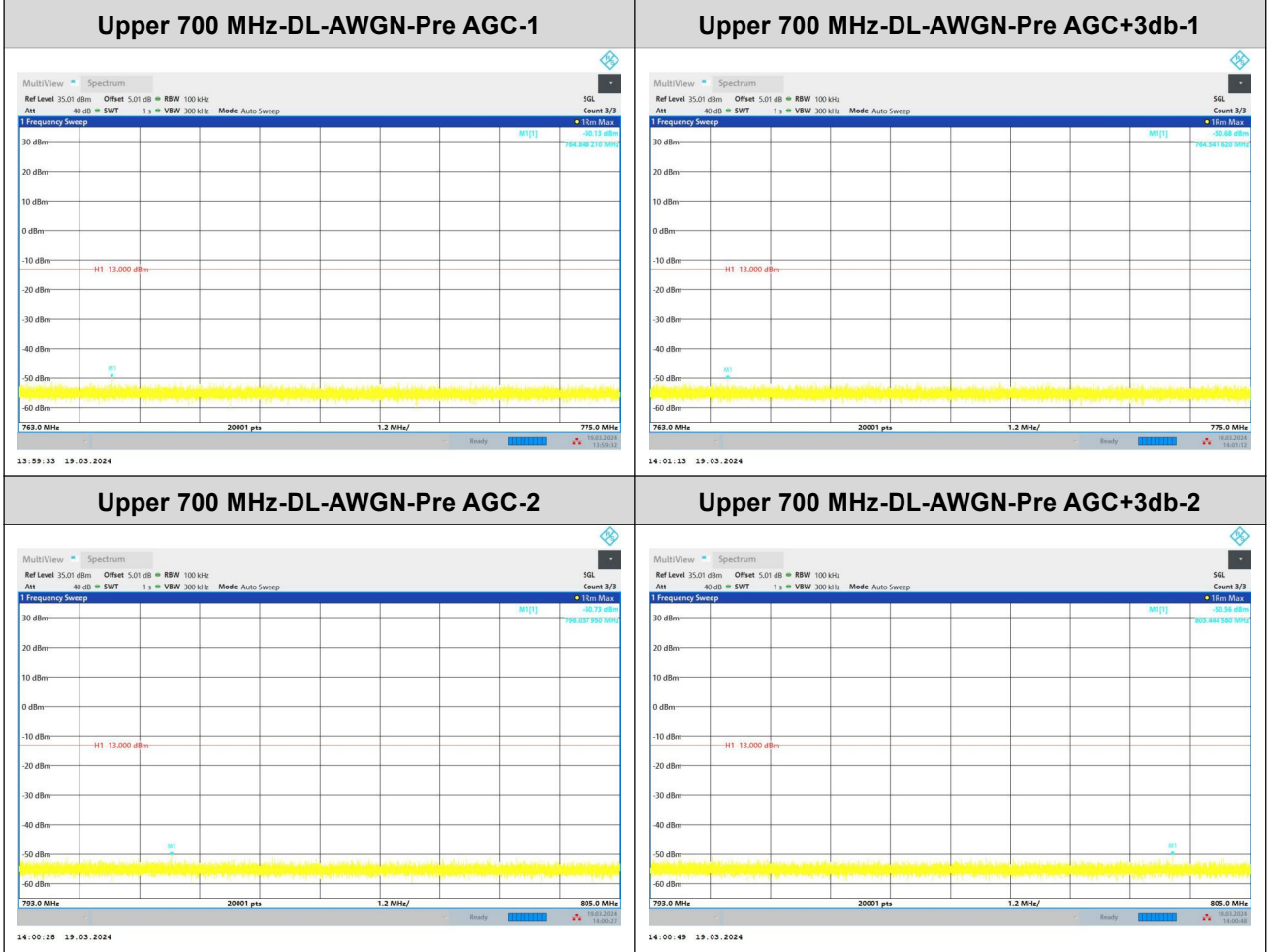


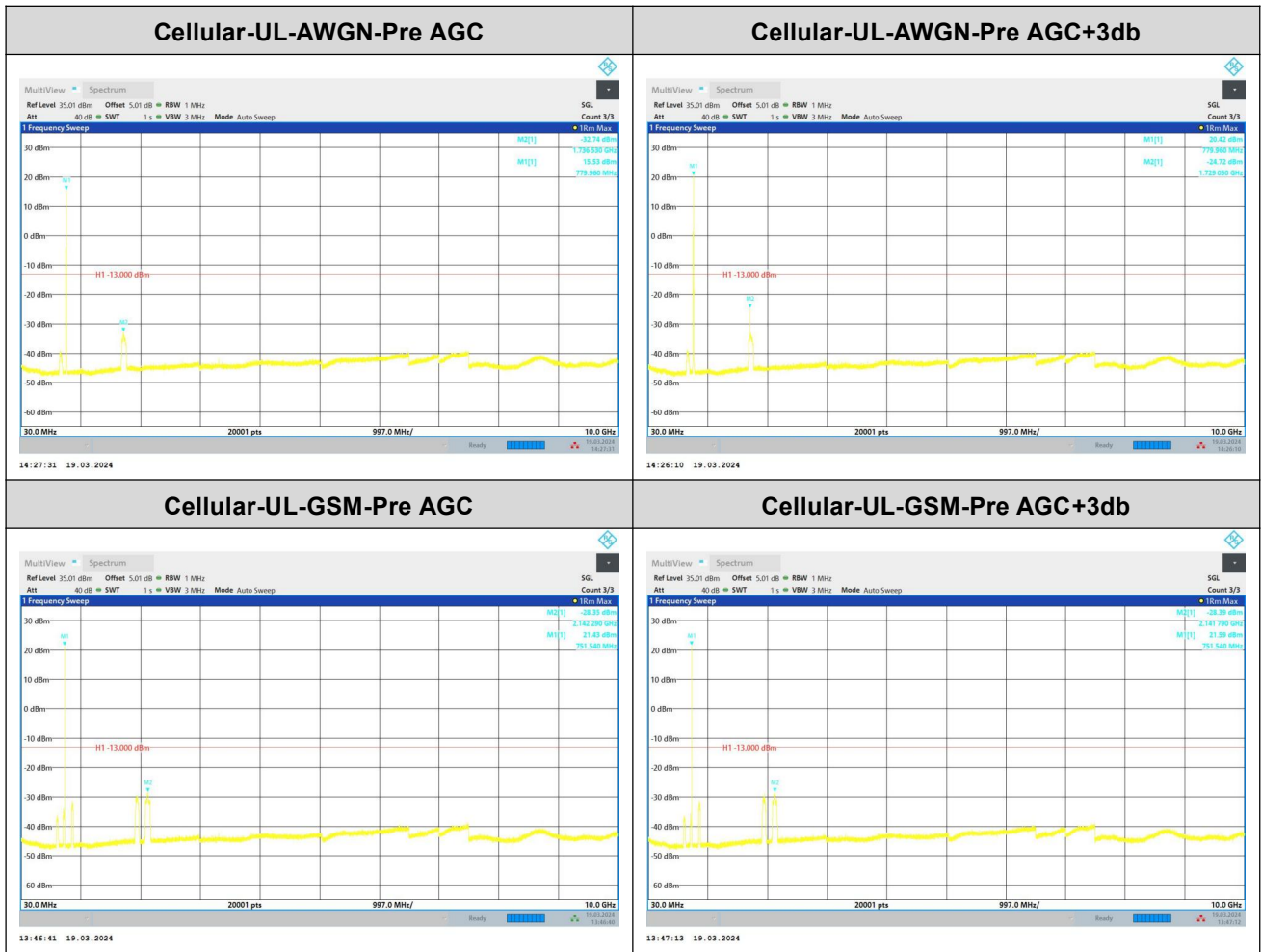
Additional requirement for upper 700MHz band

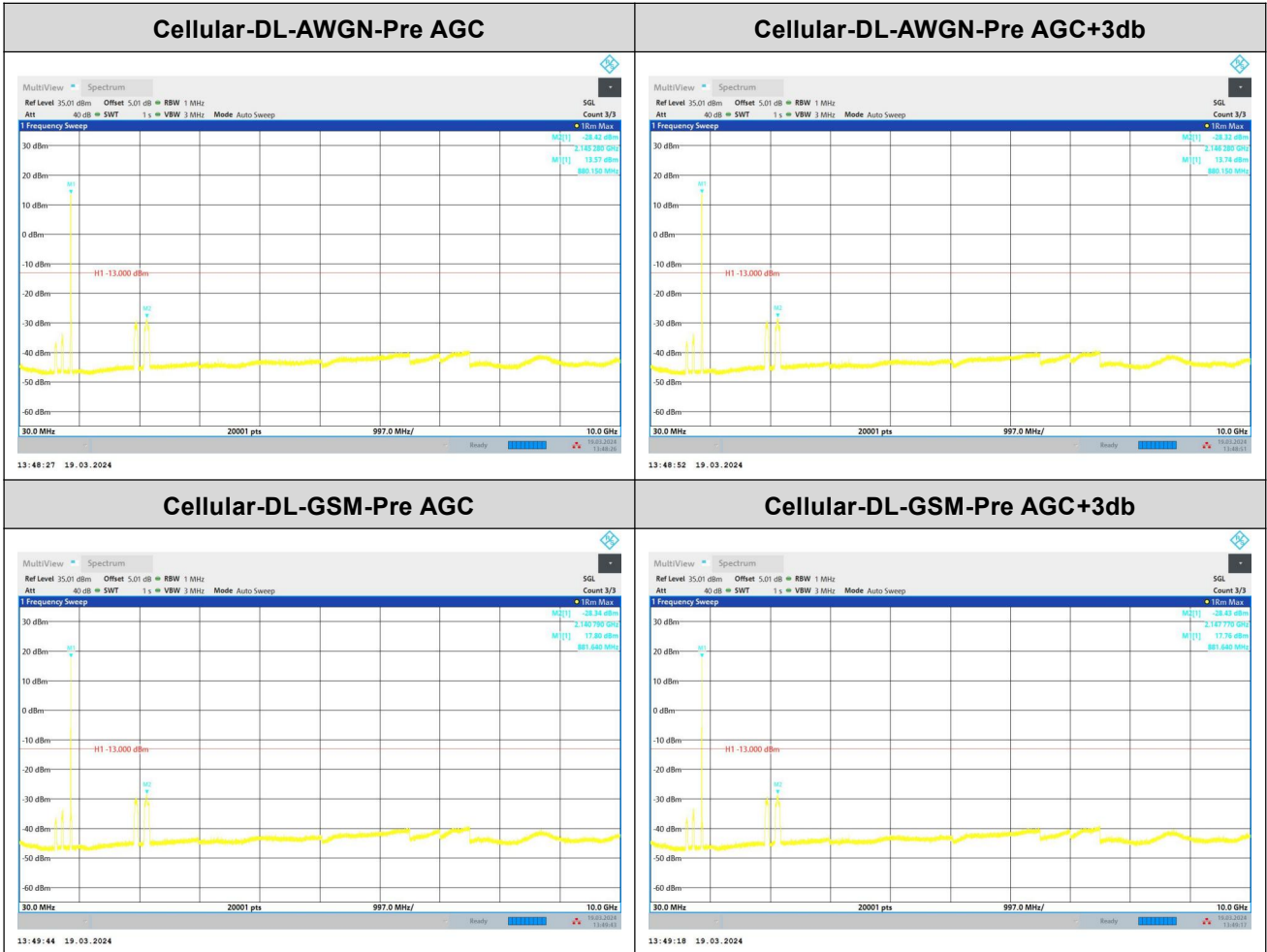


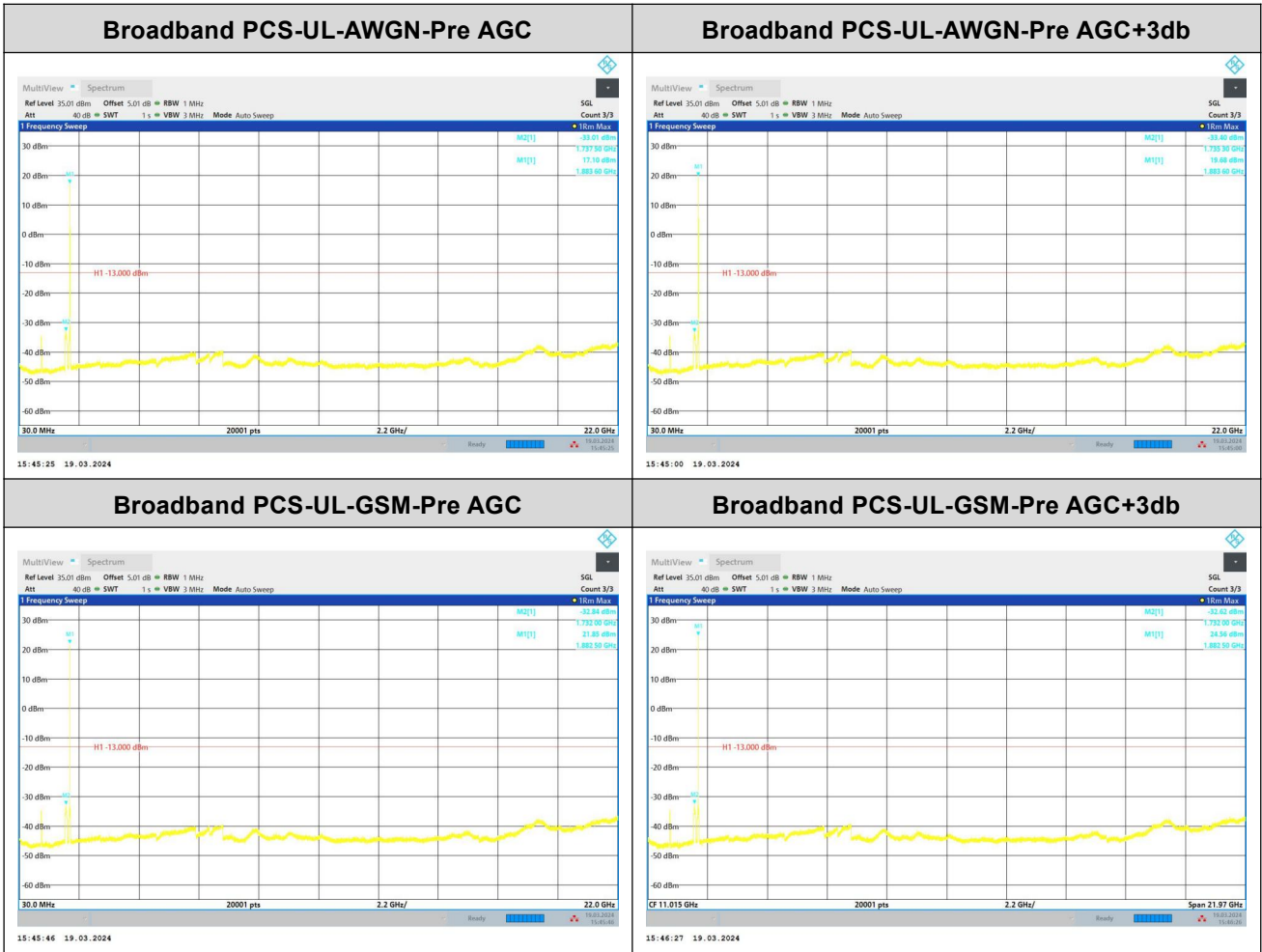


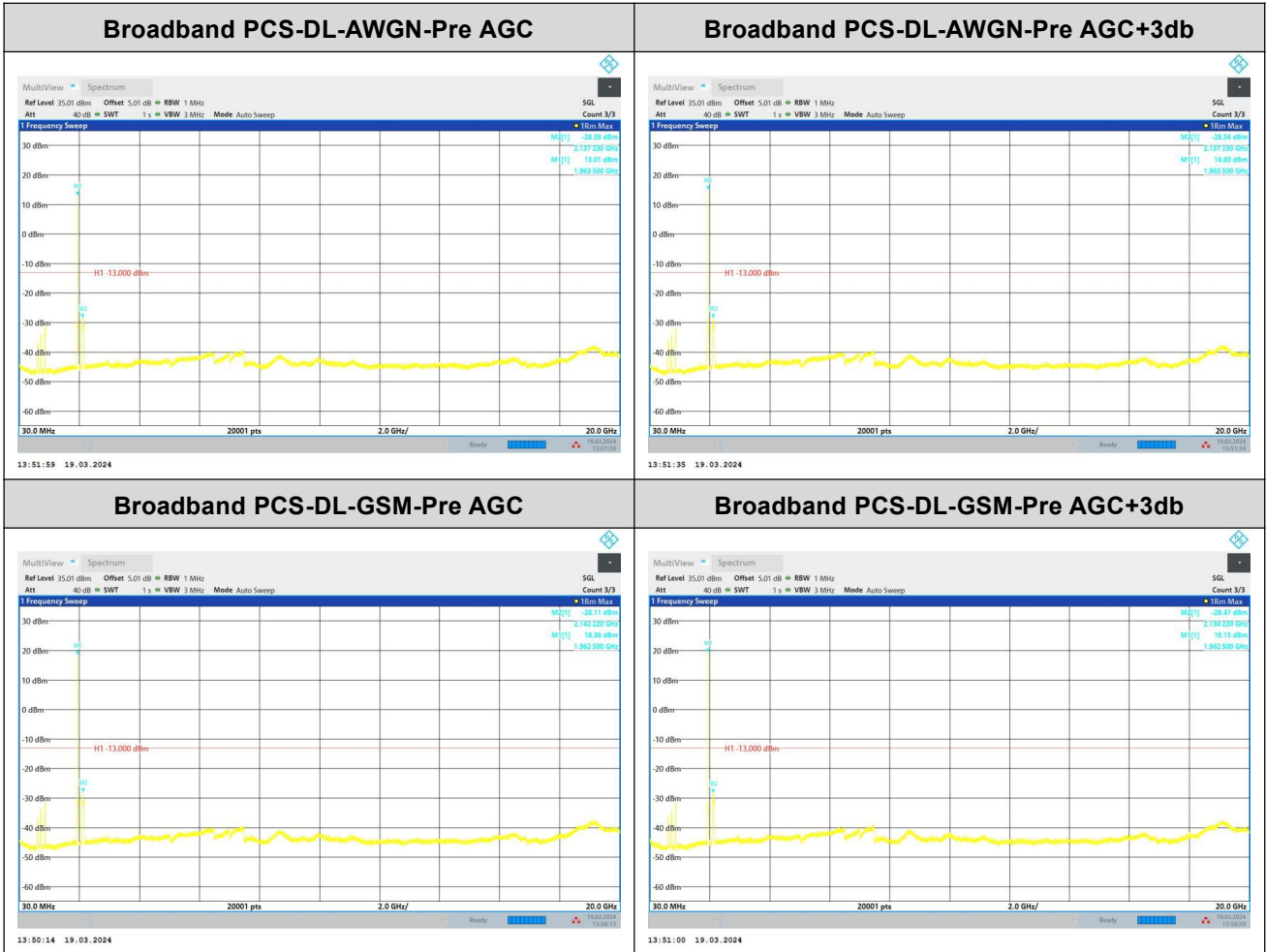
Additional requirement for upper 700MHz band

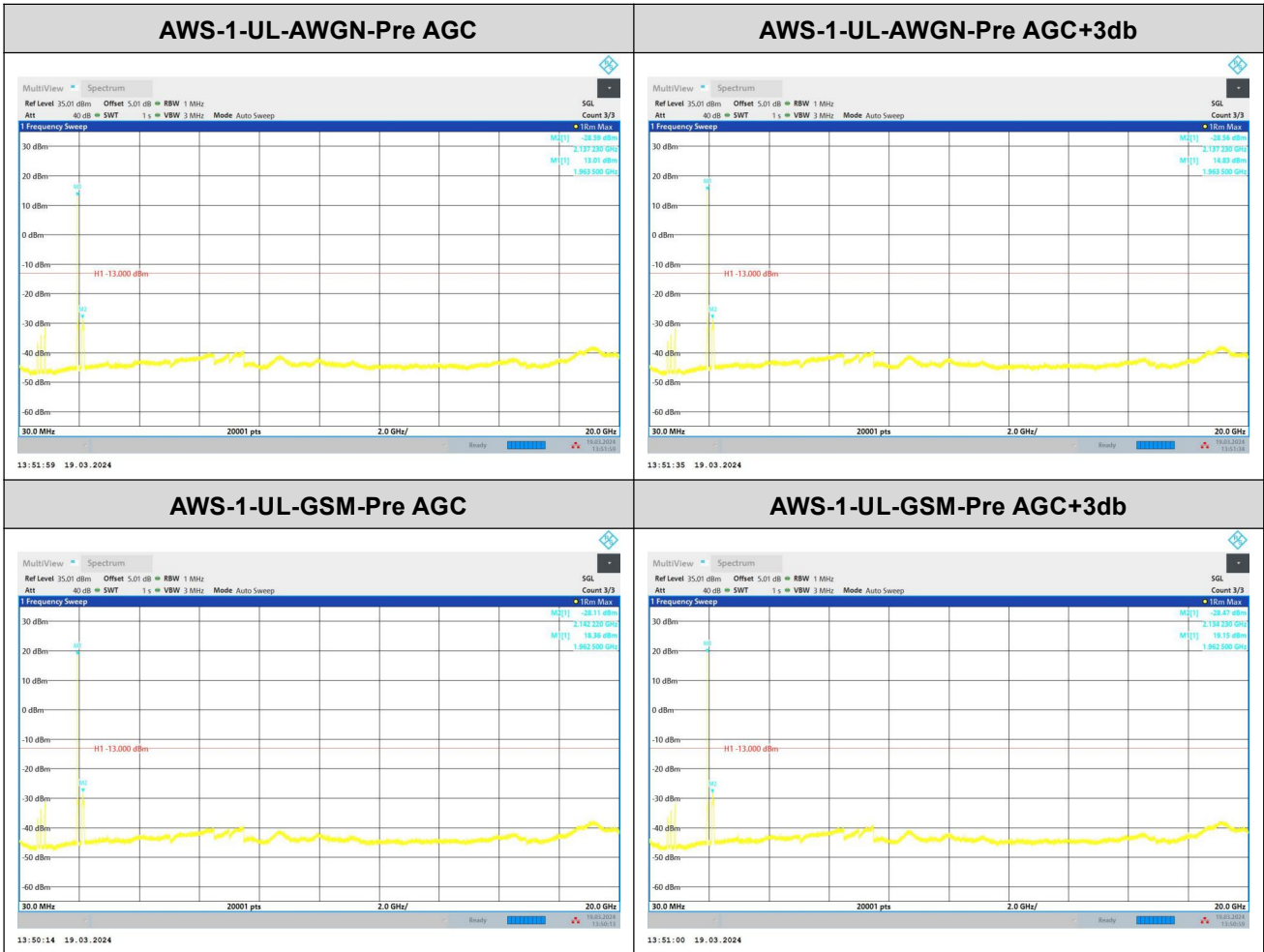


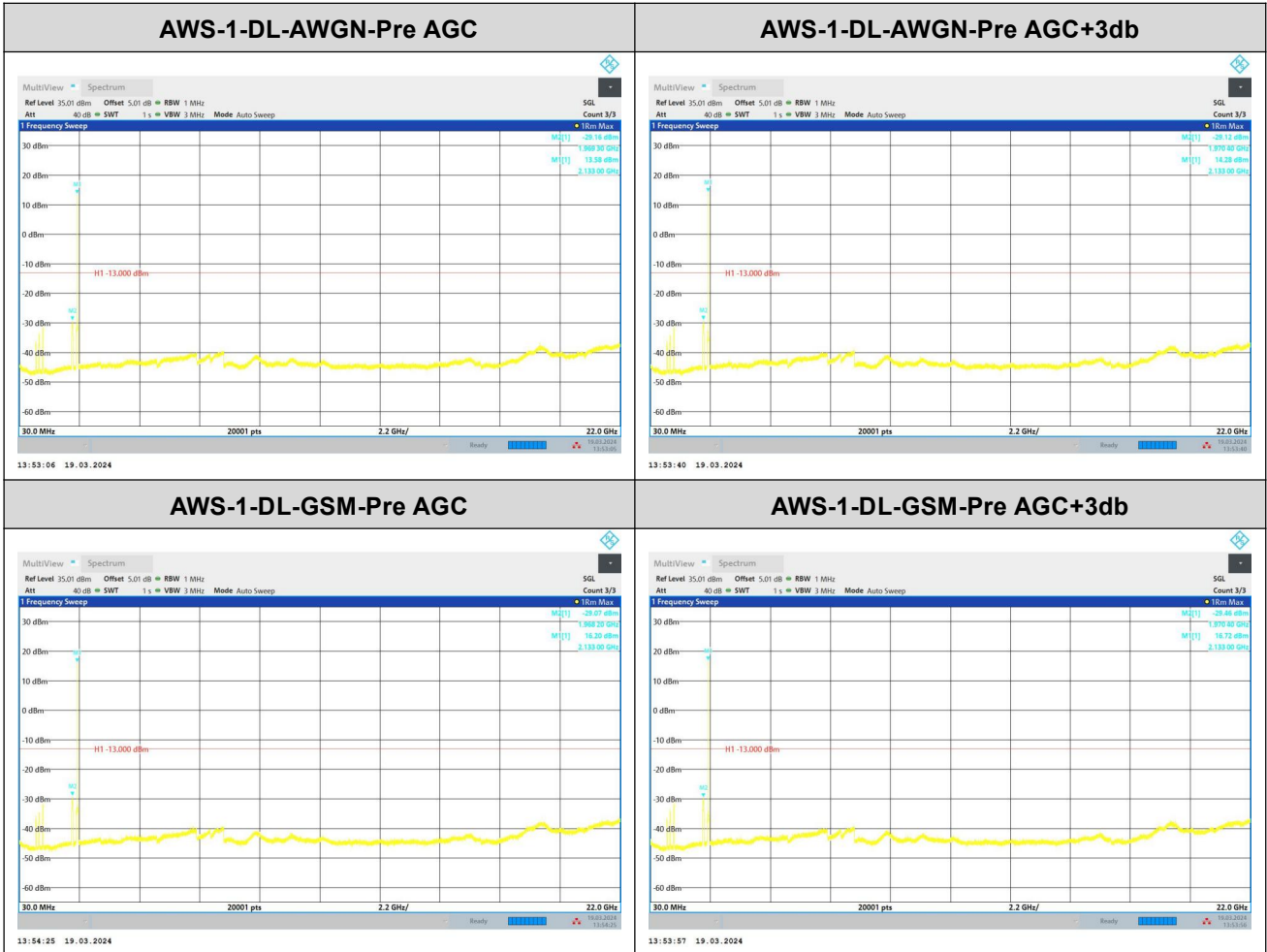












3.4 BAND EDGES

3.4.1 Standard Applicable

According to §2.1053, §22.917, §24.238 and §27.53§15.256 (g)

The power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. (Limit -13dBm)

3.4.2 Measurement Procedure

Please refer to KDB 935210 D05 Indus Booster Basic Meas v01r04 clause 3.6.2

3.4.3 Test setup

