Annex 1: Measurement diagrams to
T E S T R E P O R T
No.: 18-1-0039001T01a-C1

According to:
FCC Regulations
Part 15.517

for

Intel Deutschland GmbH

Shooting Star Mini Drone

FCC ID: 2AJ2A-TAGV1

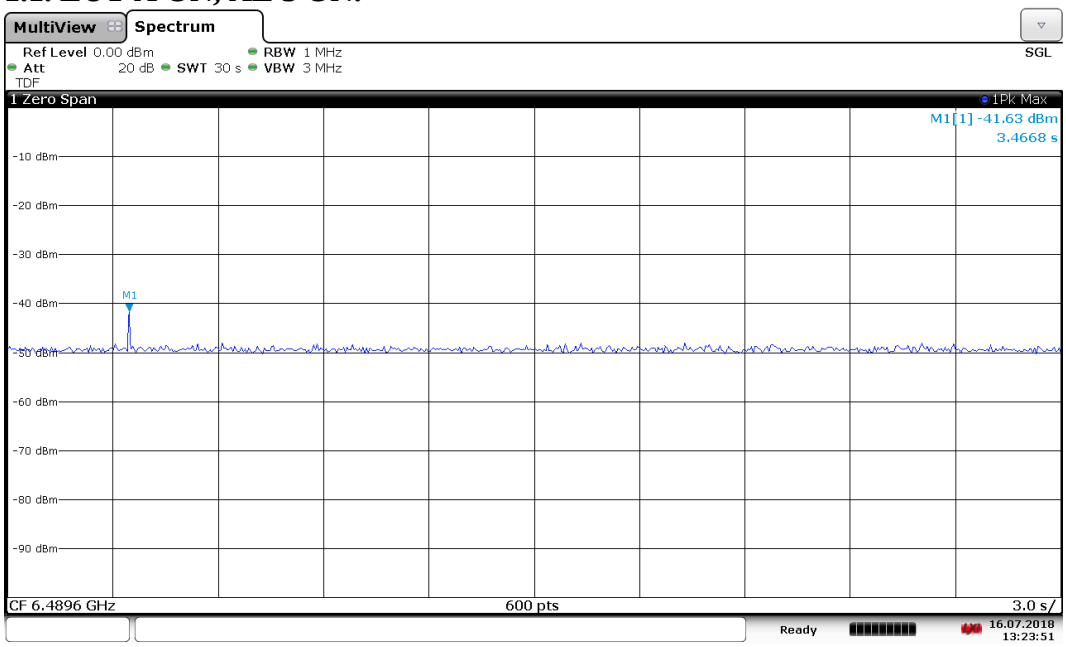
Laboratory Accreditation and Listings			
DAkkS Deutsche Akkreditierungsstelle D-PL-12047-01-01	MRA US-EU 0003	Industry Canada Reg. No.: 3462D-2 Reg. No.: 3462D-3	Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
Wi Fi ALLIANCE AUTHORIZED RF LABORATORY	ctia Authorized™ Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			

CETECOM GmbH
Laboratory Radio Communications & Electromagnetic Compatibility
Im Teelbruch 116 • 45219 Essen • Germany
Registered in Essen, Germany, Reg. No.: HRB Essen 8984
Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964
E-mail: info@cetecom.com • Internet: www.cetecom.com

TABLE OF CONTENTS:

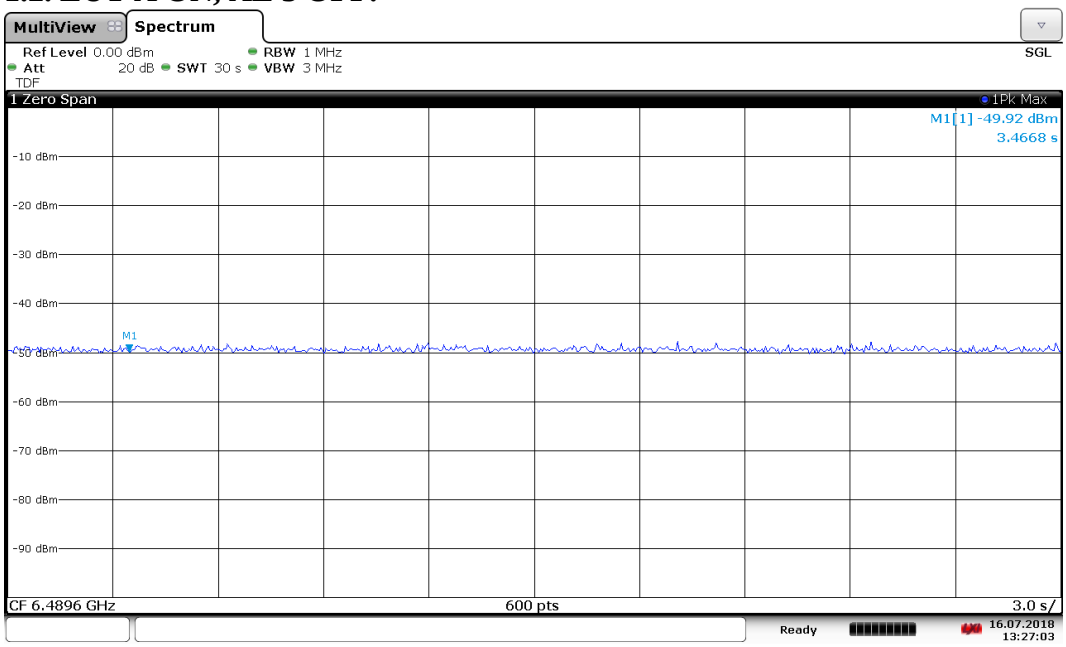
1. Transmission time measurement

1.1. EUT A ON, AE 3 ON.



13:23:52 16.07.2018

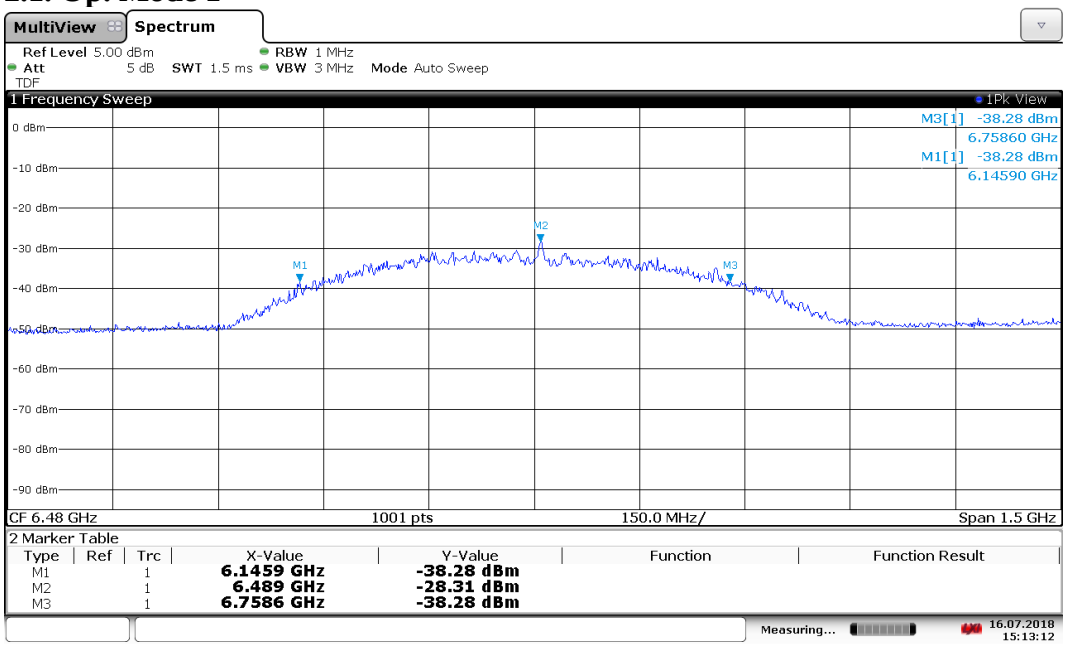
1.2. EUT A ON, AE 3 OFF.



13:27:04 16.07.2018

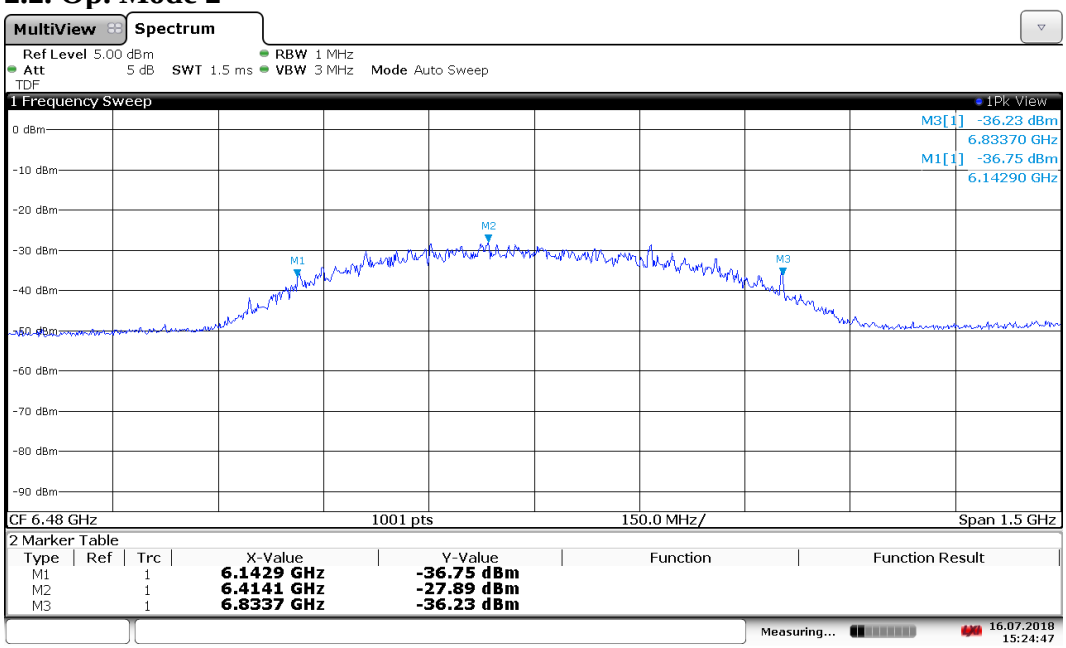
2. 10 dB bandwidth measurement

2.1. Op. Mode 1



15:13:13 16.07.2018

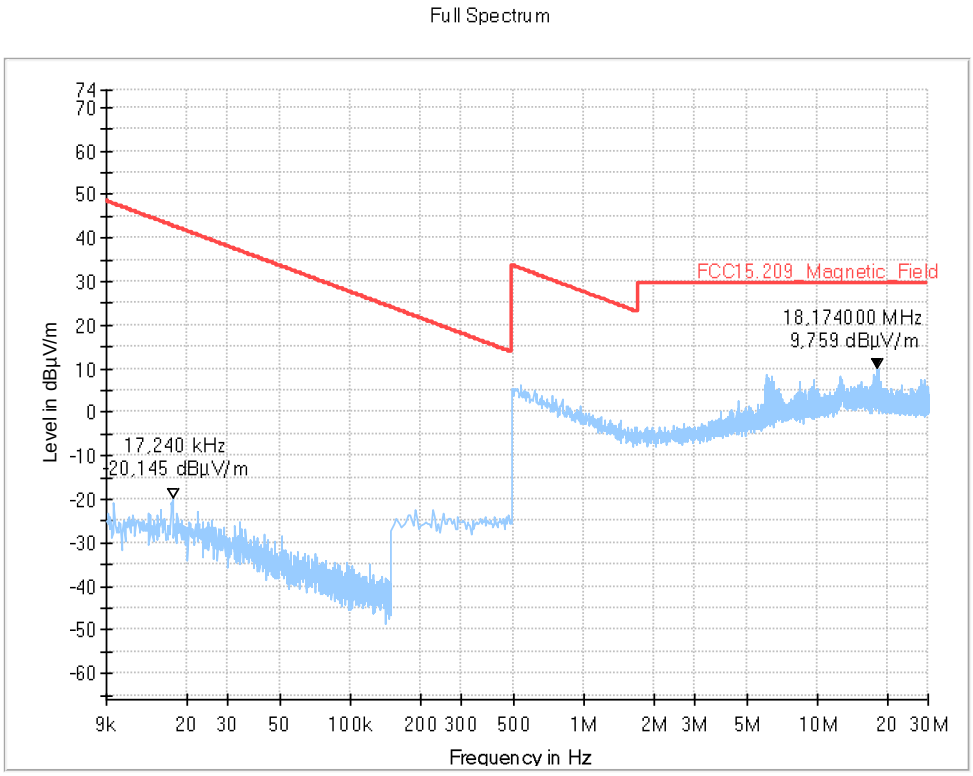
2.2. Op. Mode 2



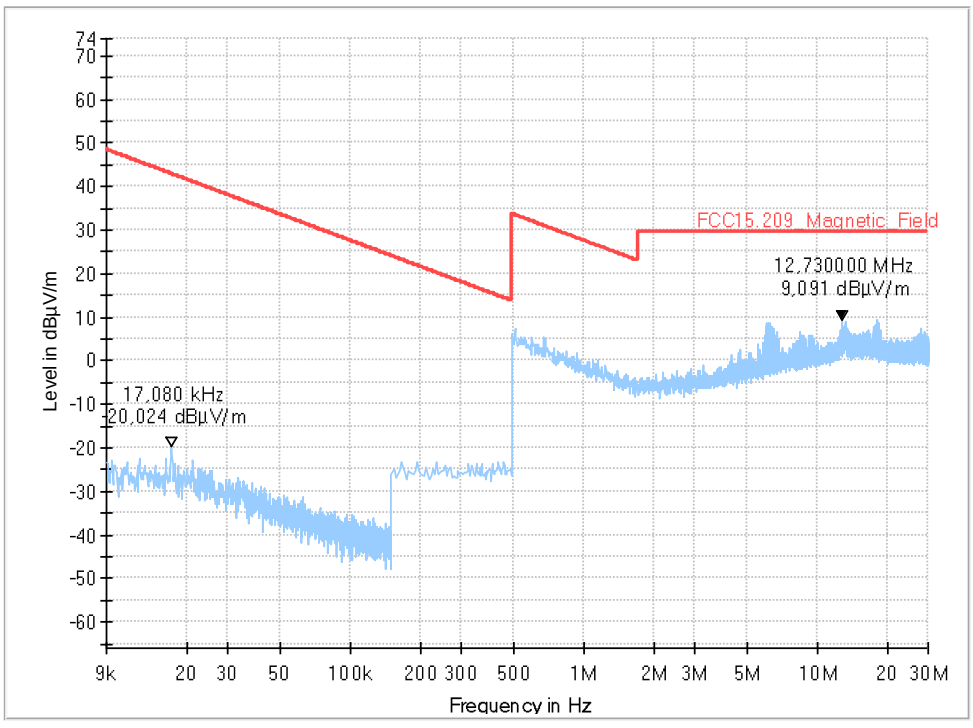
15:24:48 16.07.2018

3. General Limit - Radiated field strength emissions below 30 MHz

3.1. Op. Mode 2, laying

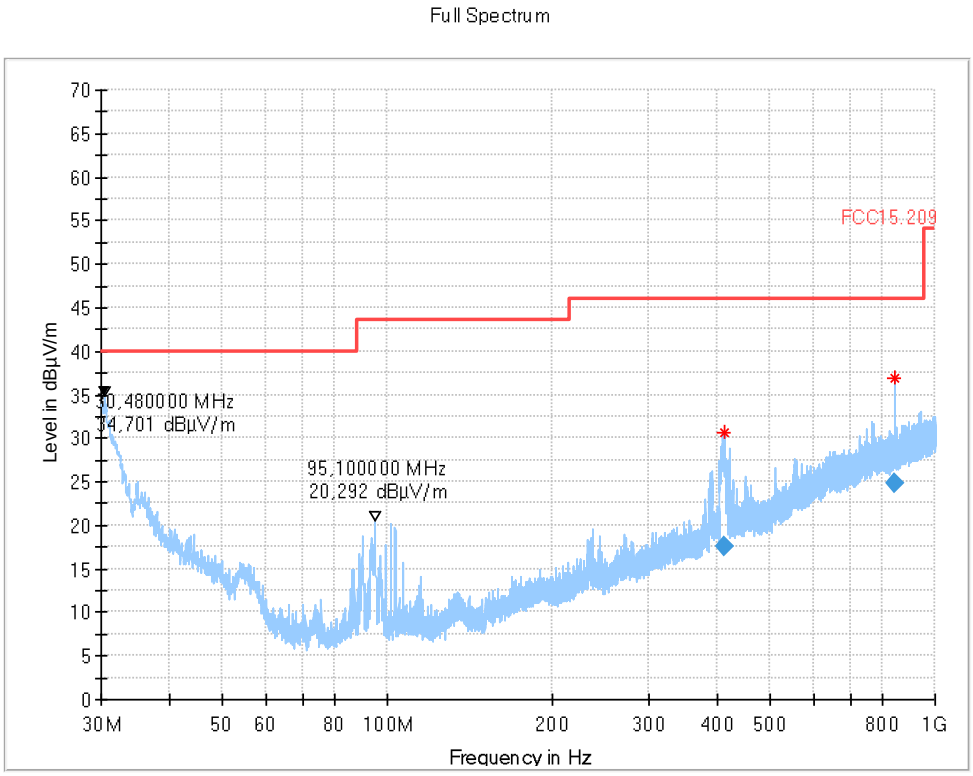


3.2. Op. Mode 2, standing

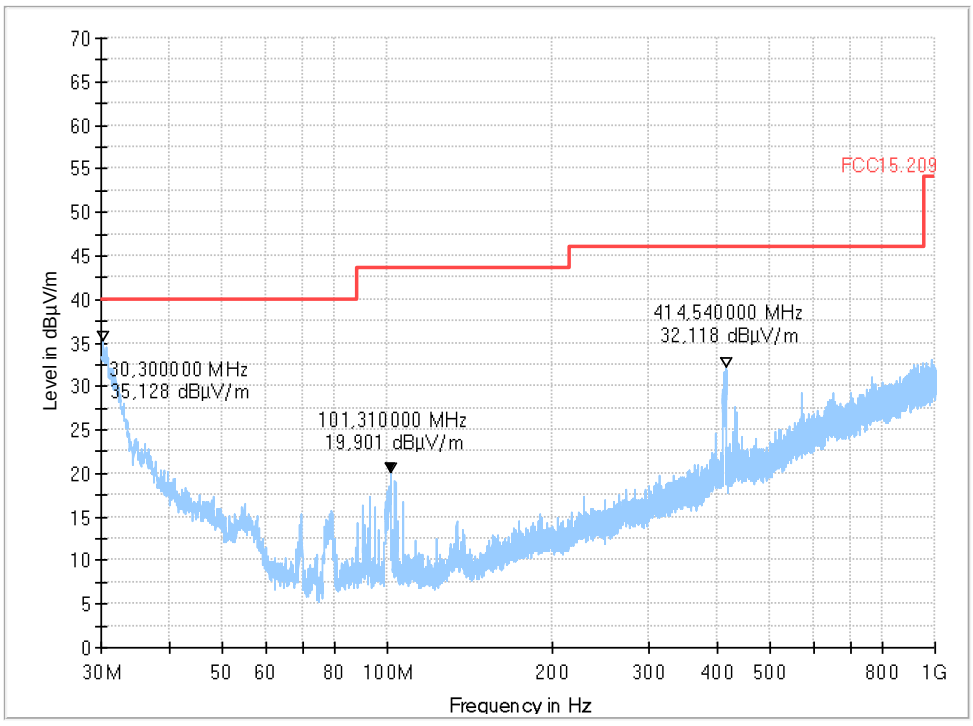


4. General Limit - Radiated field strength emissions, 30 MHz - 1 GHz

4.1. Op. Mode 2, laying

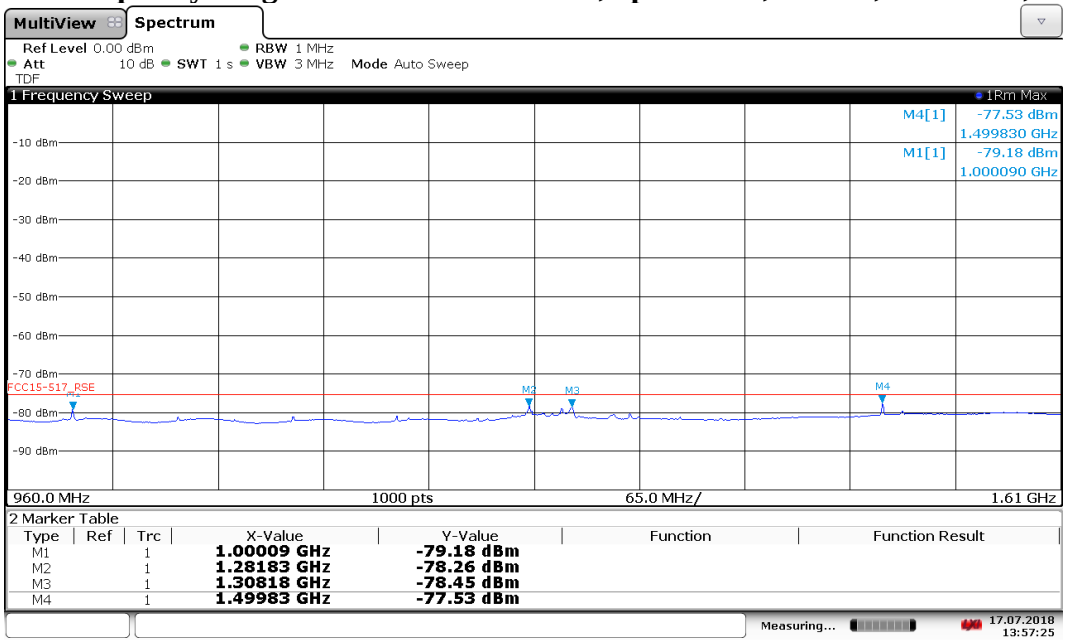


4.2. Op. Mode 2, standing



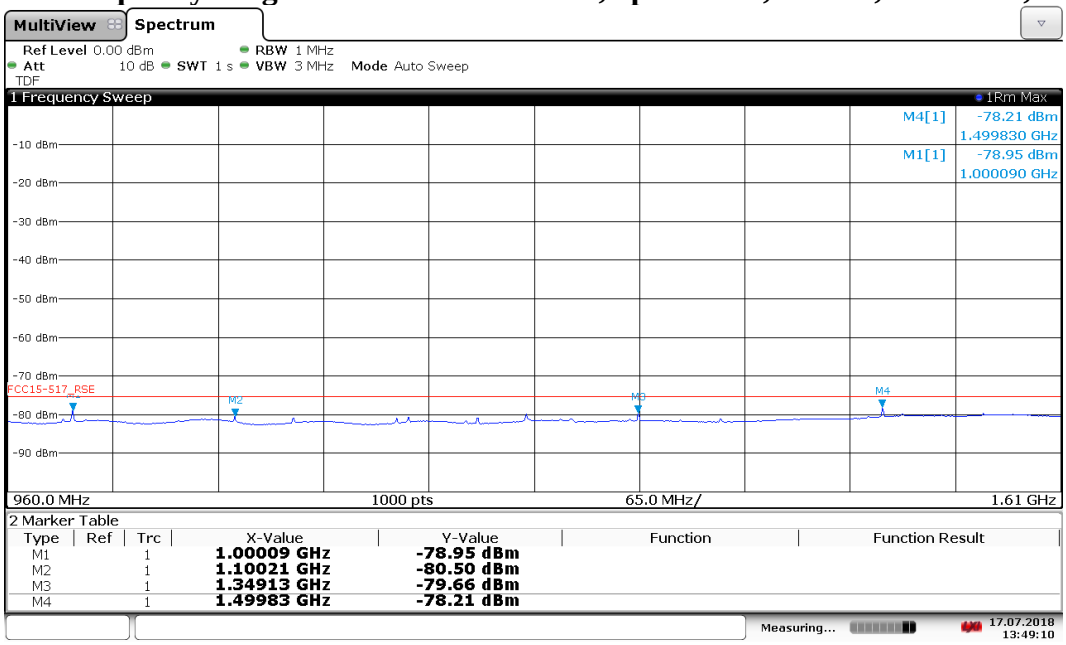
5. General Limit – Radiated field strength emissions, above 960 MHz

5.1. Frequency range 960 MHz – 1610 MHz, op. mode 2, EUT B, UWB ON, ANT HOR



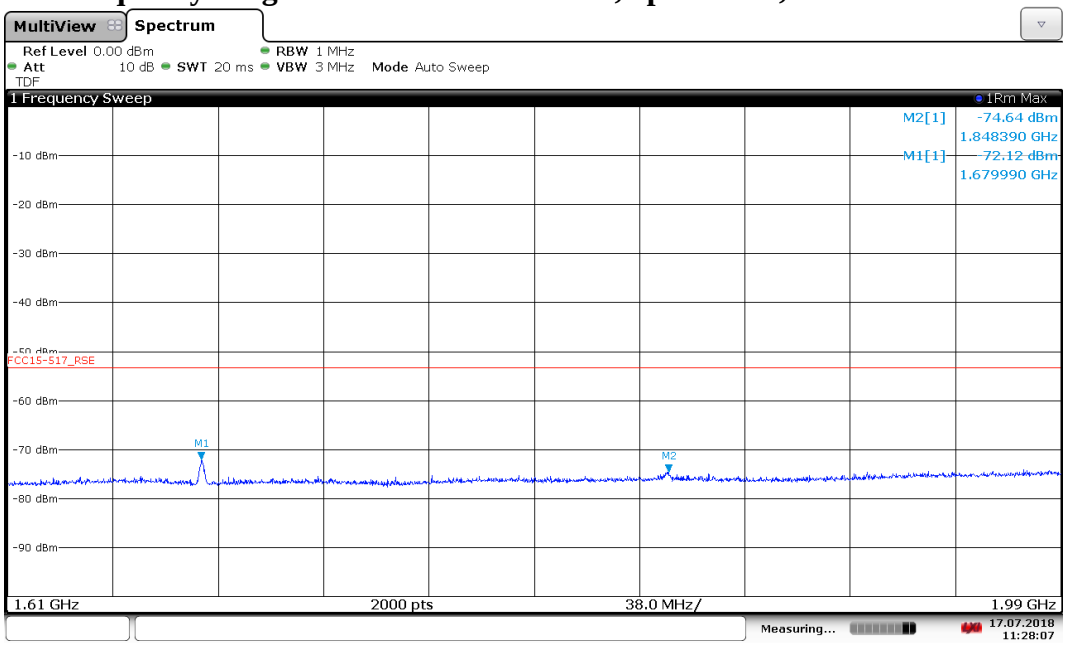
13:57:25 17.07.2018

5.2. Frequency range 960 MHz – 1610 MHz, op. mode 2, EUT B, UWB ON, ANT VER



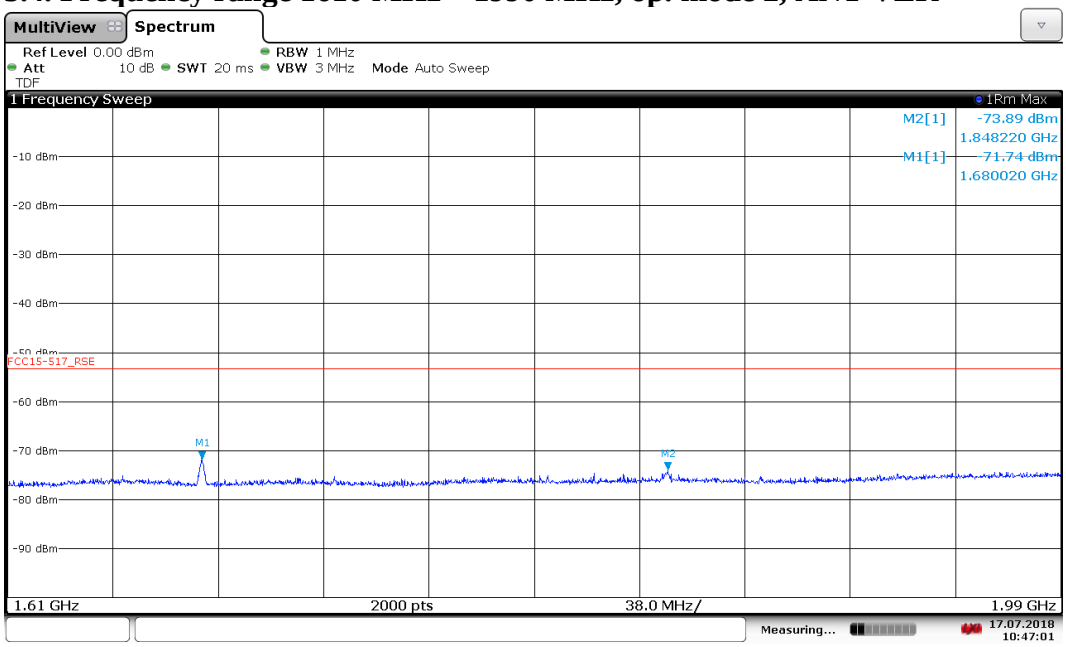
13:49:10 17.07.2018

5.3. Frequency range 1610 MHz – 1990 MHz, op. mode 2, ANT HOR



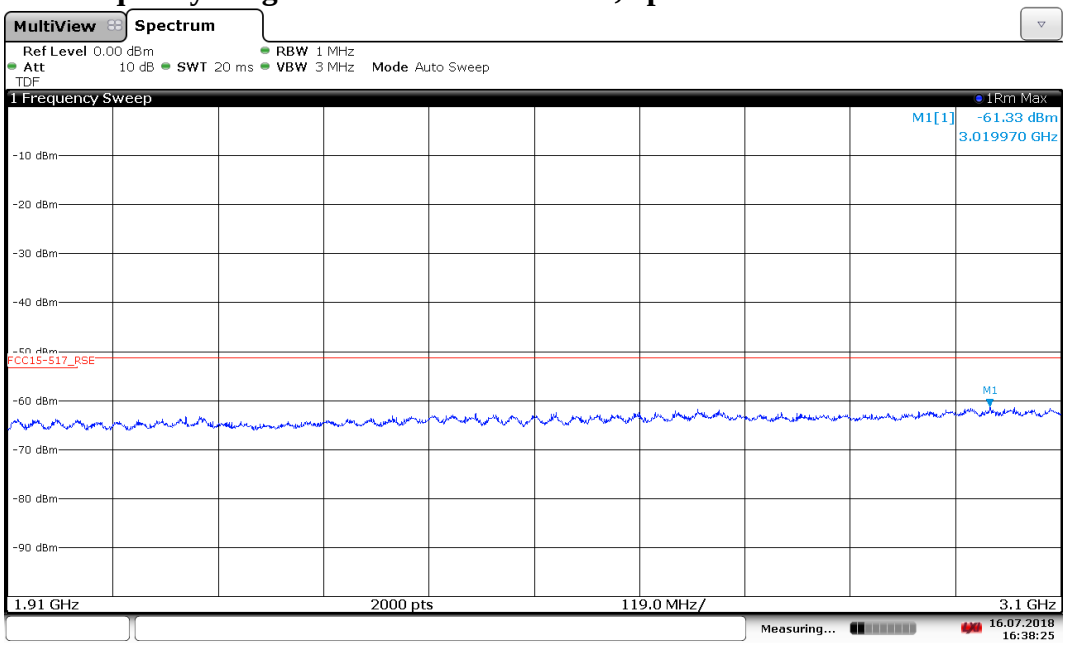
11:28:08 17.07.2018

5.4. Frequency range 1610 MHz – 1990 MHz, op. mode 2, ANT VER



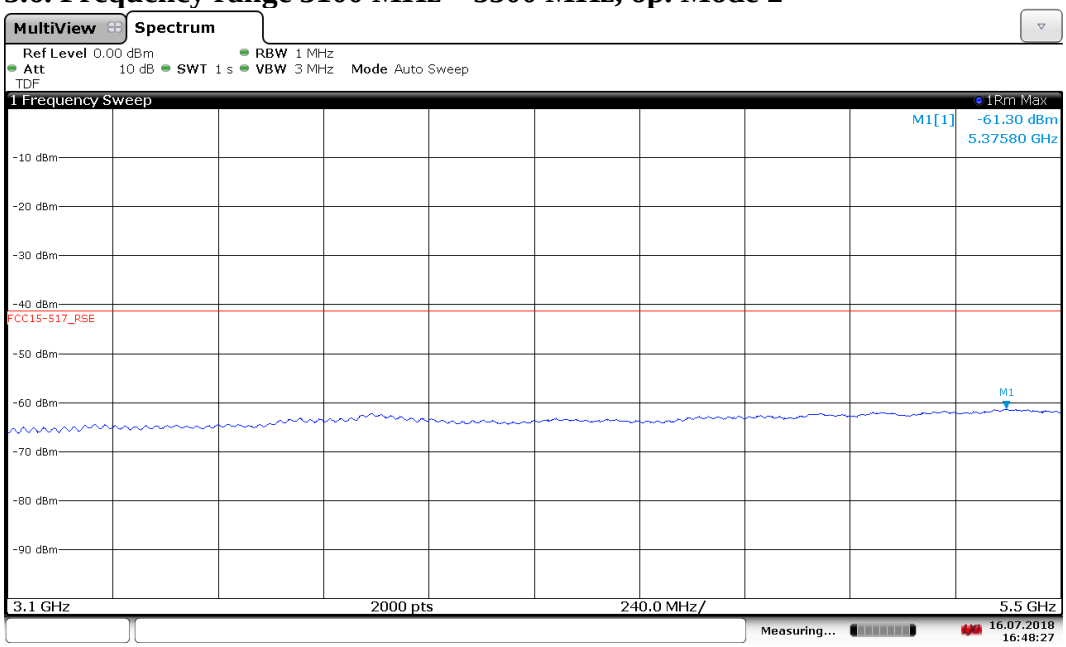
10:47:01 17.07.2018

5.5. Frequency range 1990 MHz – 3100 MHz, op. Mode 2



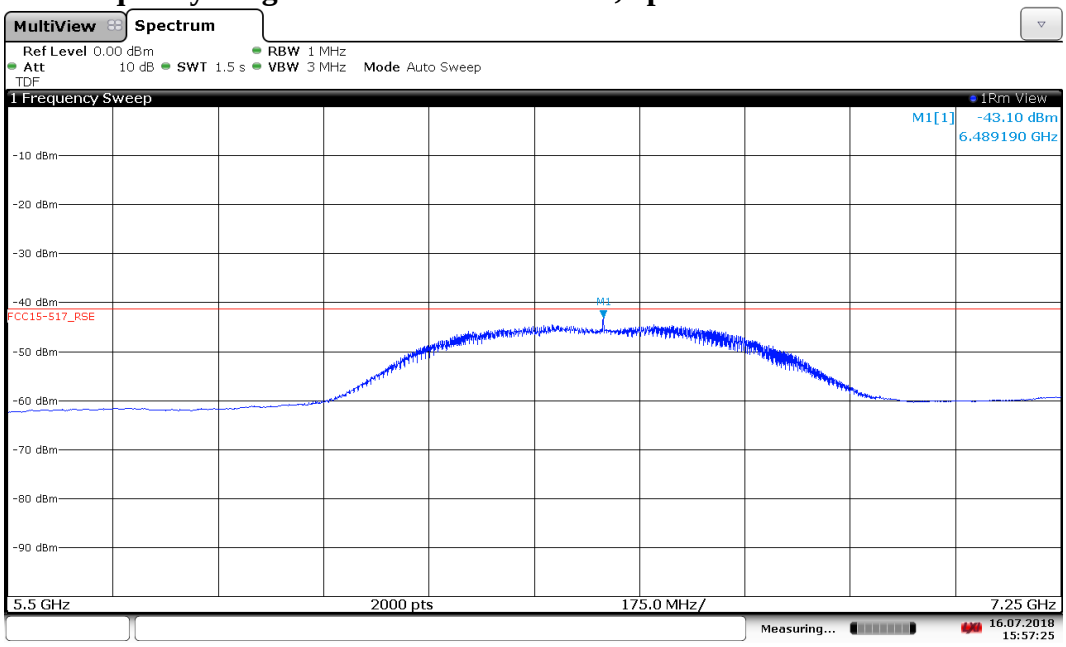
16:38:26 16.07.2018

5.6. Frequency range 3100 MHz – 5500 MHz, op. Mode 2



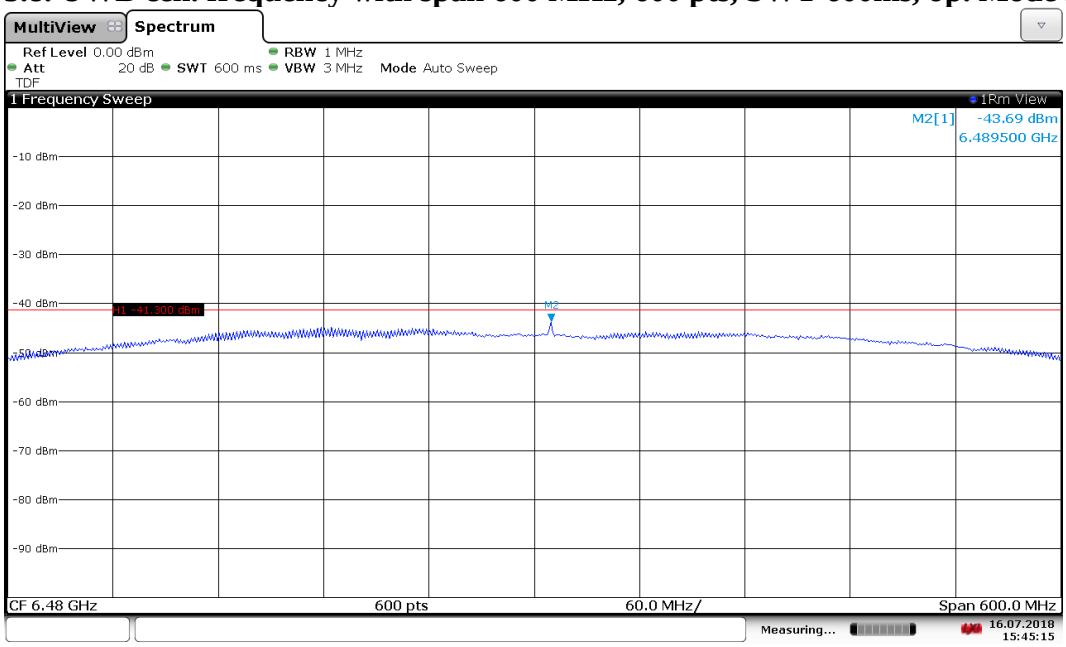
16:48:28 16.07.2018

5.7. Frequency range 5500 MHz – 7250 MHz, op. Mode 2



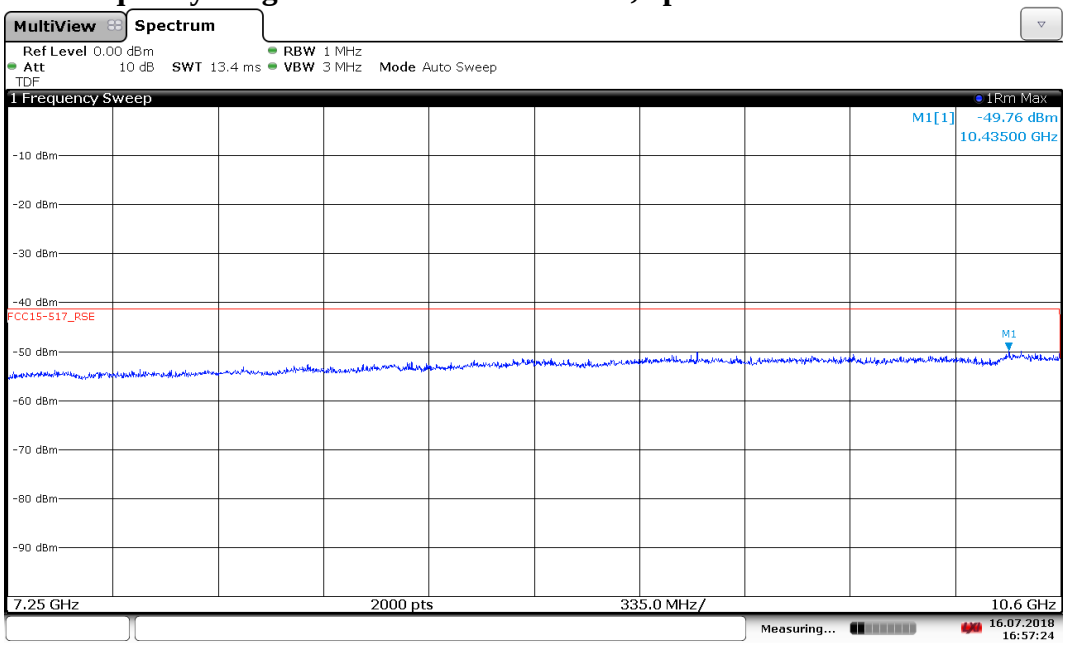
15:57:25 16.07.2018

5.8. UWB cen. frequency with span 600 MHz, 600 pts, SWT 600ms, op. Mode 2, EUT A



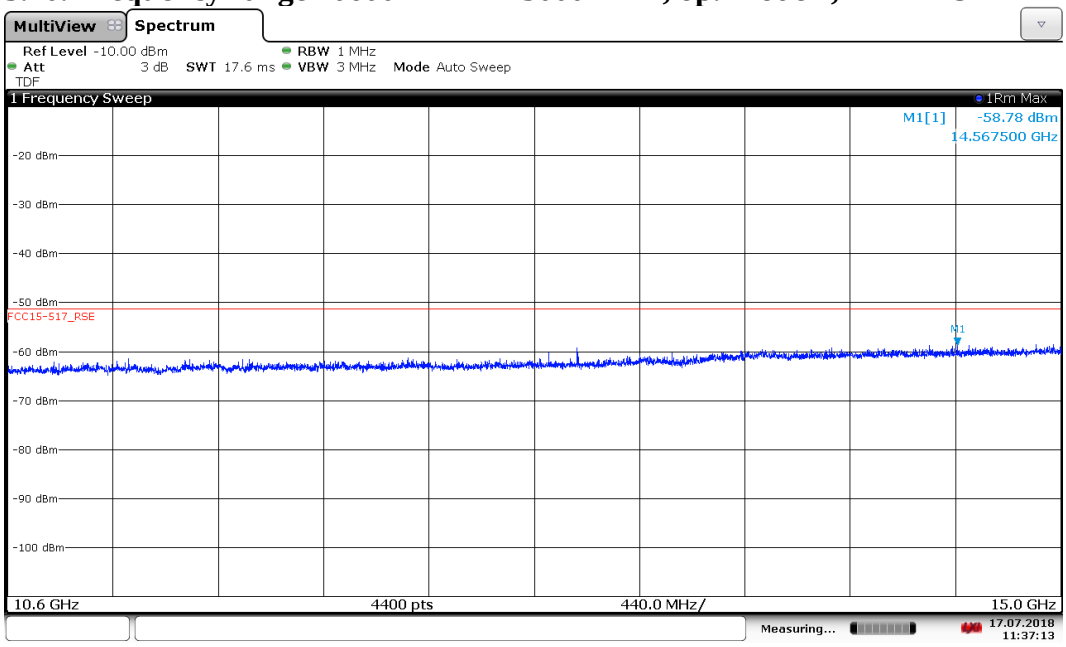
15:45:16 16.07.2018

5.9. Frequency range 7250 MHz – 10600 MHz, op. Mode 2



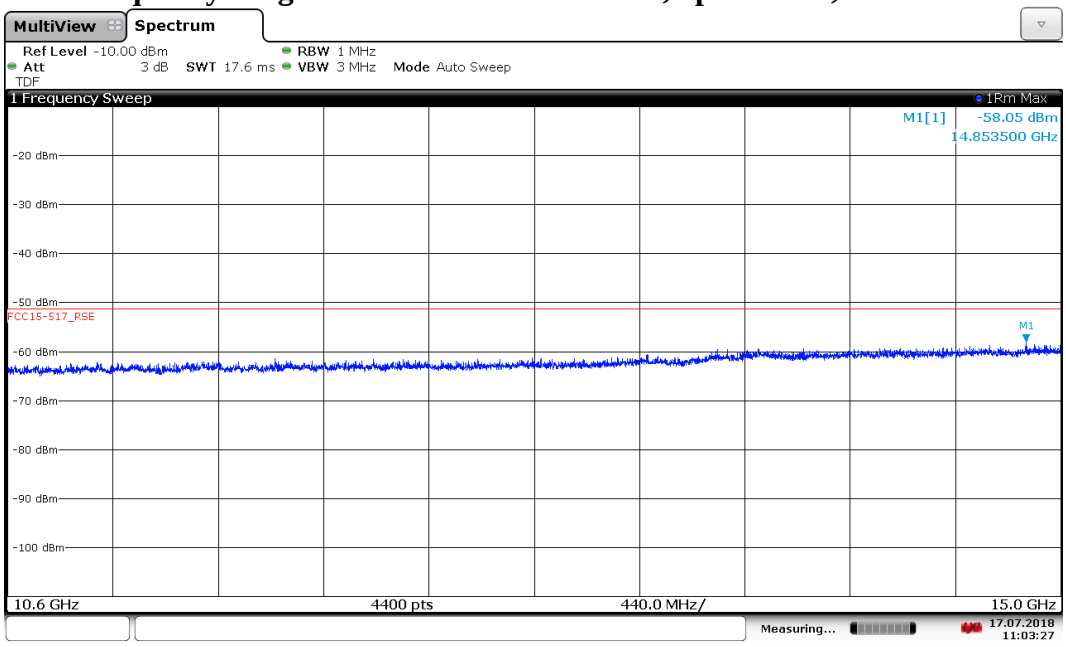
16:57:25 16.07.2018

5.10. Frequency range 10600 MHz – 15000 MHz, op. Mode 2, ANT HOR



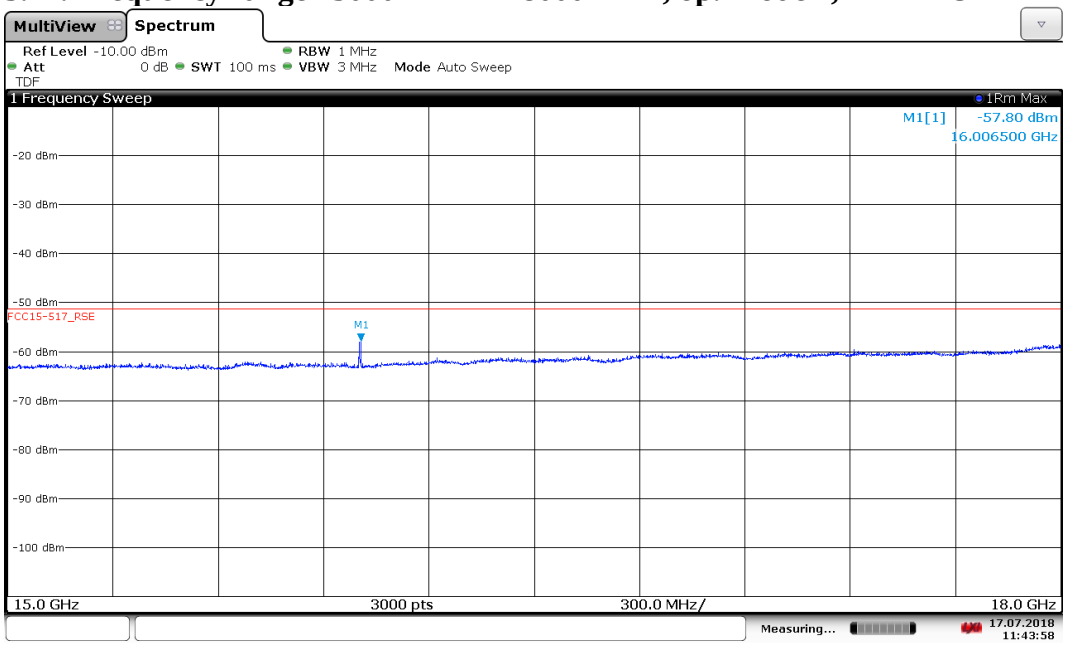
11:37:14 17.07.2018

5.11. Frequency range 10600 MHz – 15000 MHz, op. Mode 2, ANT VER



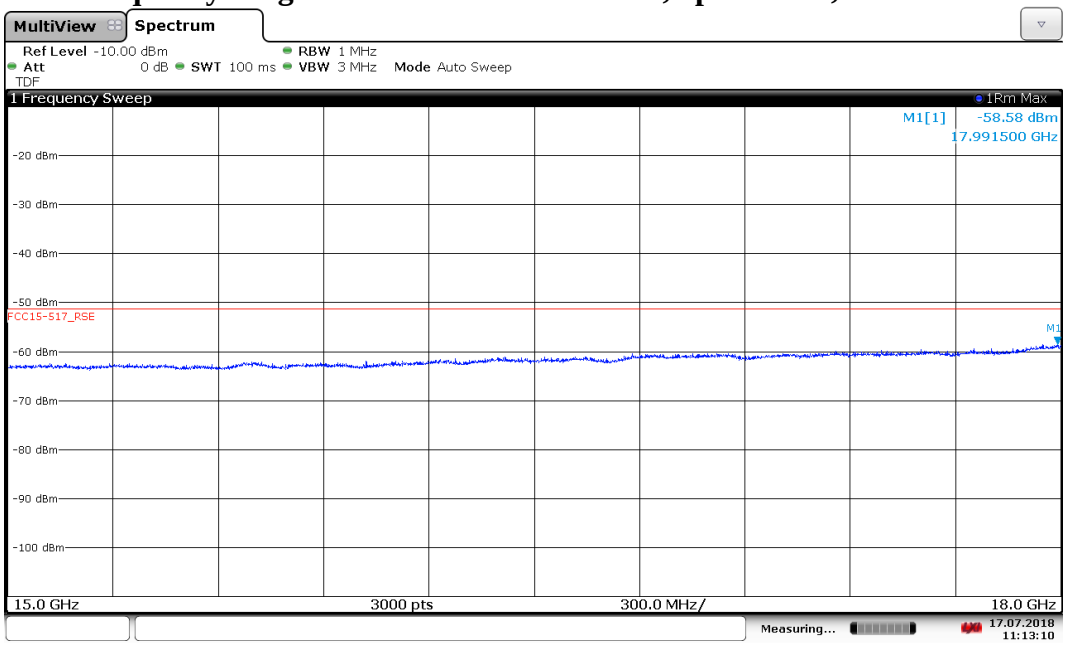
11:03:28 17.07.2018

5.12. Frequency range 15000 MHz – 18000 MHz, op. Mode 2, ANT HOR



11:43:58 17.07.2018

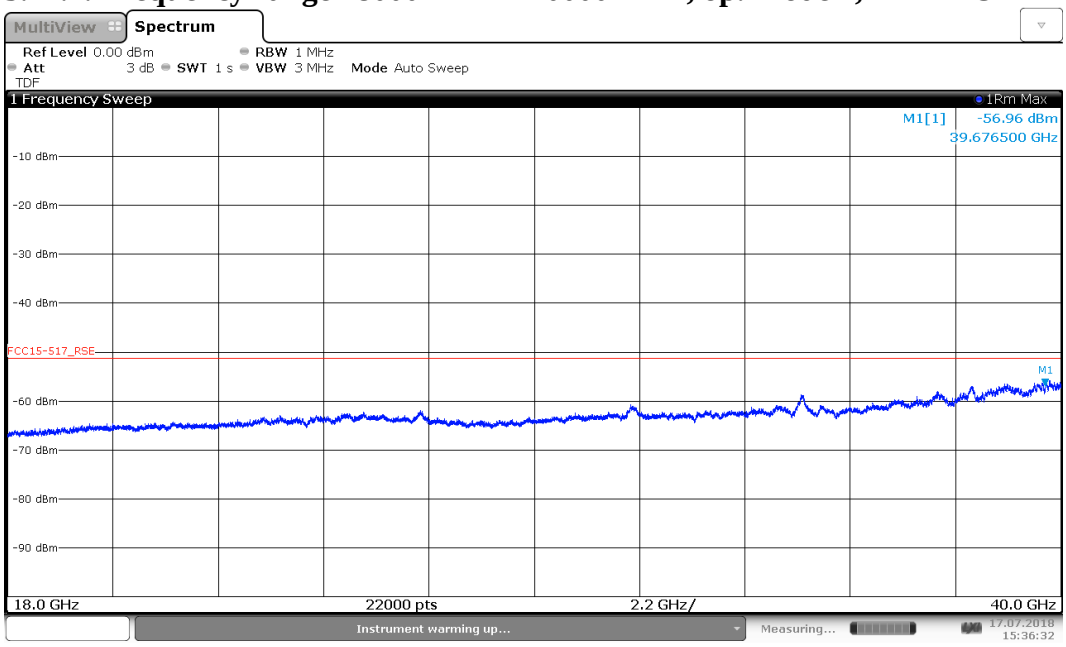
5.13. Frequency range 15000 MHz – 18000 MHz, op. Mode 2, ANT VER



11:13:10 17.07.2018

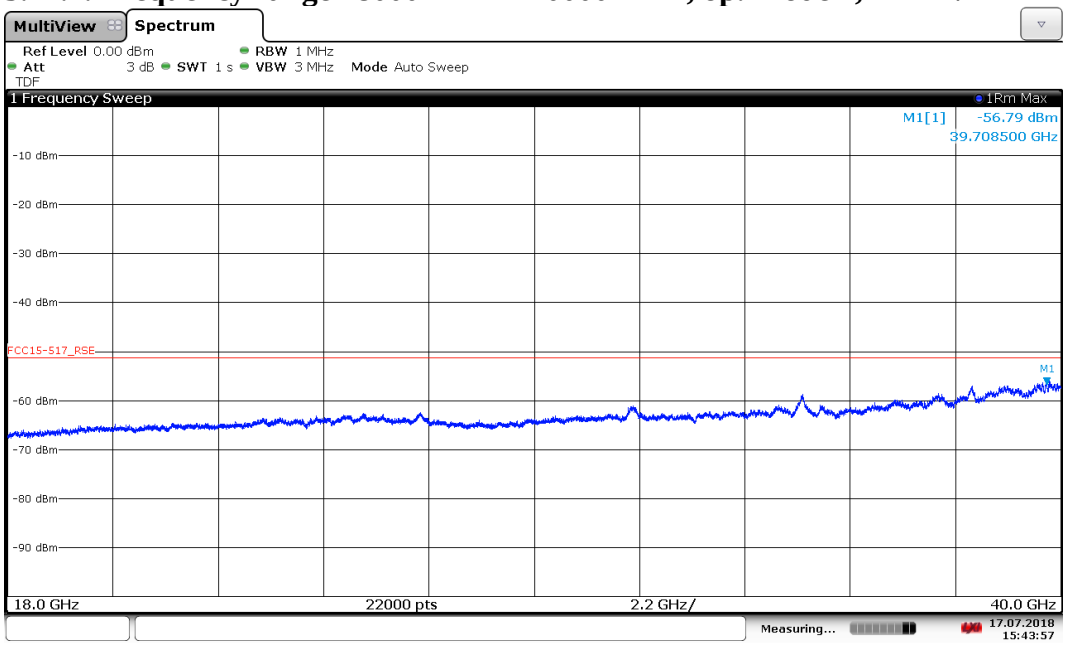
5.14. Frequency range 18000 MHz – 40000 MHz

5.14.1. Frequency range 18000 MHz – 40000 MHz, op. Mode 2, ANT HOR



15:36:34 17.07.2018

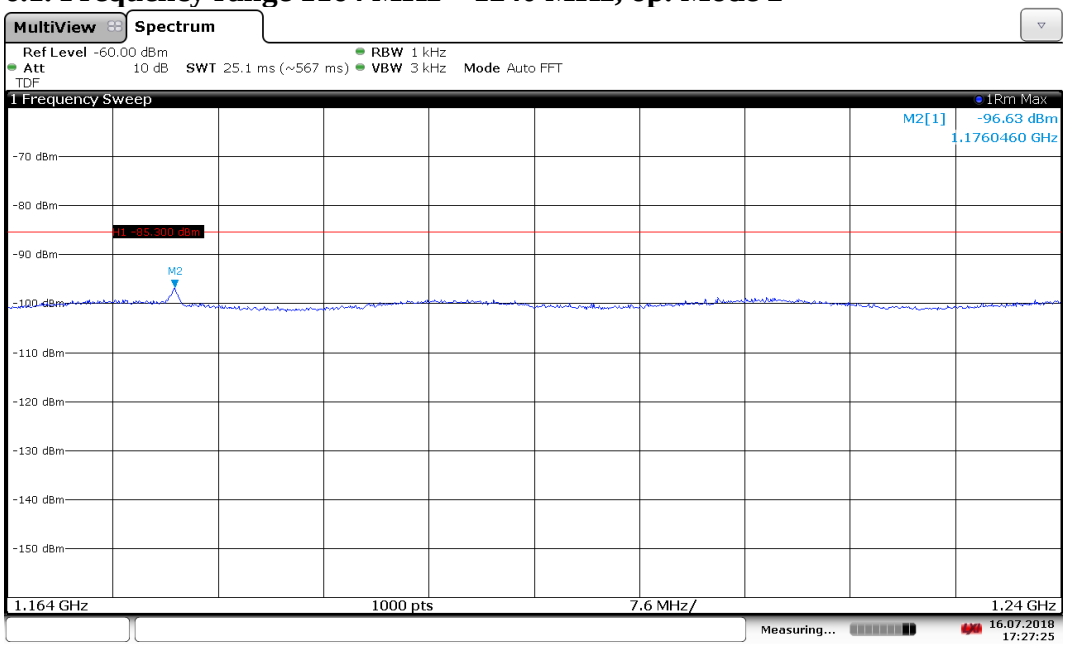
5.14.2. Frequency range 18000 MHz – 40000 MHz, op. Mode 2, ANT VER



15:43:58 17.07.2018

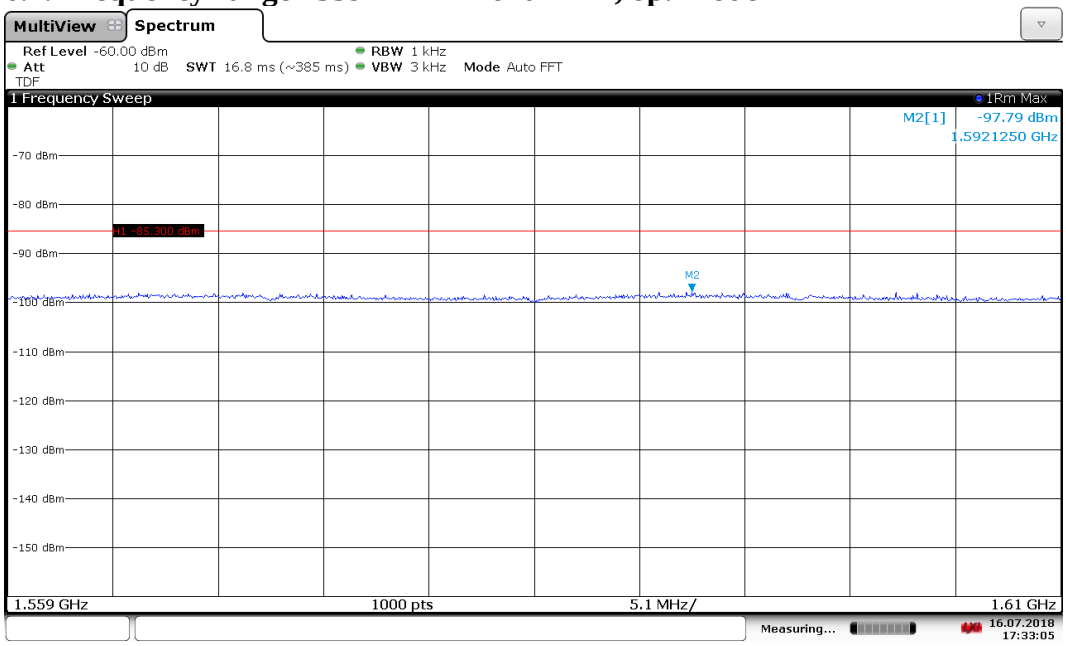
6. Radiated emissions in the GPS bands

6.1. Frequency range 1164 MHz – 1240 MHz, op. Mode 2



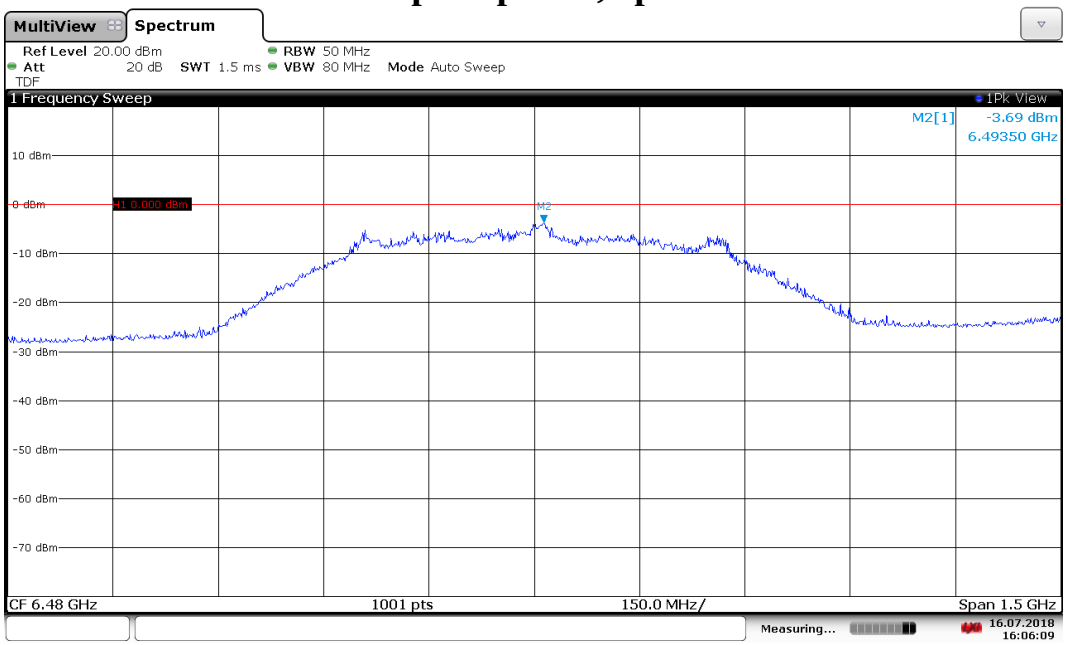
17:27:25 16.07.2018

6.2. Frequency range 1559 MHz – 1610 MHz, op. Mode 2



17:33:06 16.07.2018

7. Fundamental emission peak power, op. Mode 2



16:06:09 16.07.2018