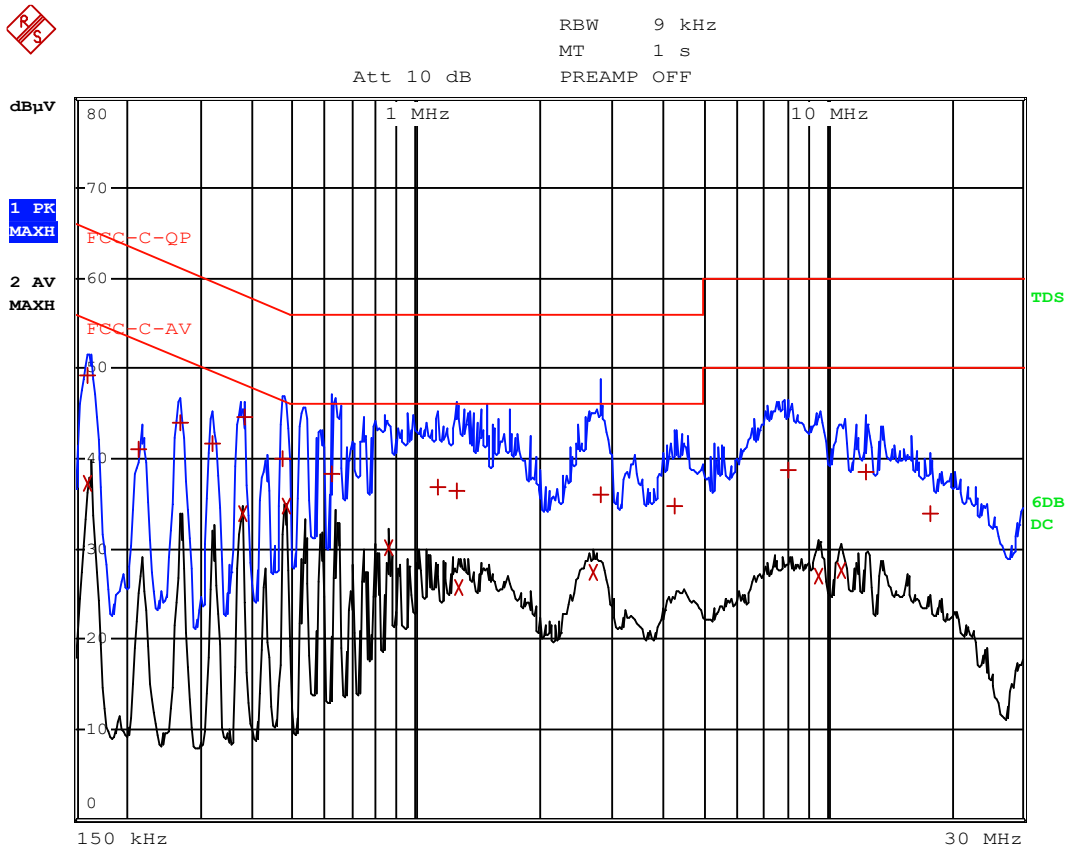


## 6 TEST RESULT

### Appendix A: Conducted Emission

Limit: FCC_Part15.207	Margin: 0
EUT: EMK401	Power: 120V/60Hz
Note: charging mode When the EUT is charging mode, the Bluetooth and WIFI mode remain "off".	

Live



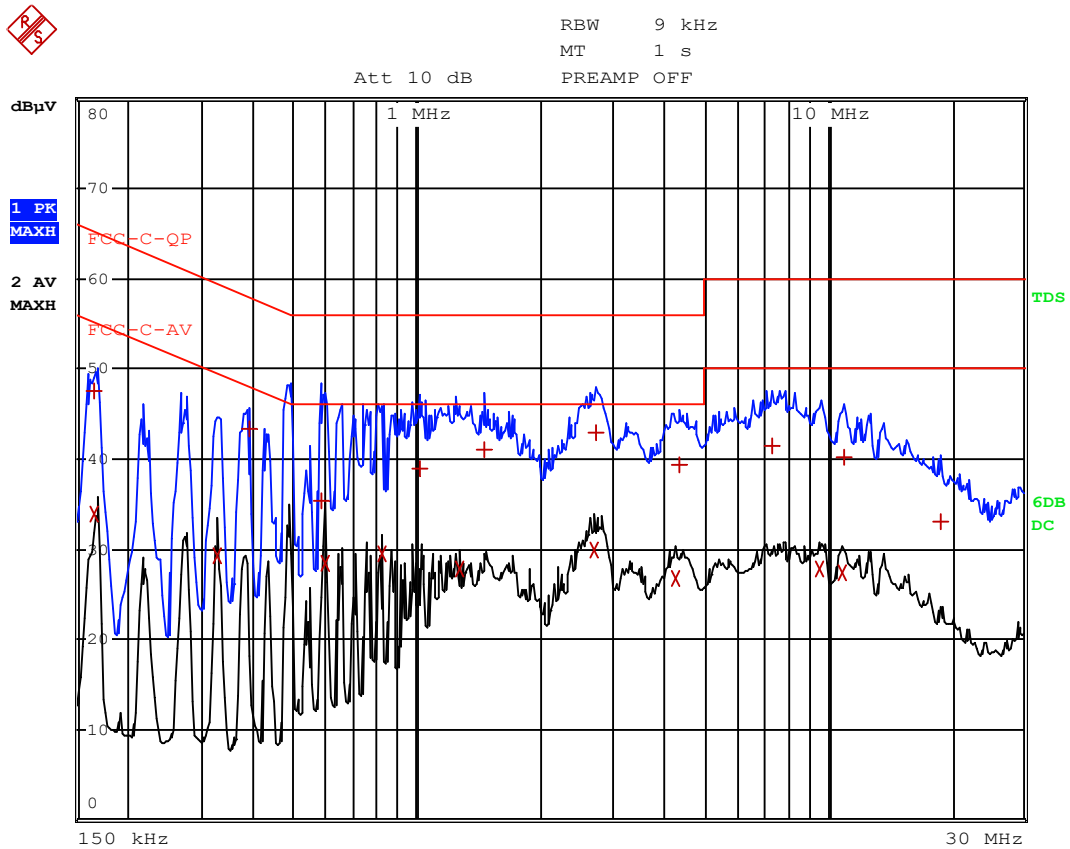
EDIT PEAK LIST (Final Measurement Results)			
TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
Trace1:	FCC-C-QP		
Trace2:	FCC-C-AV		
Trace3:	---		
2 Average	482 kHz	34.67	-11.63
1 Quasi Peak	382 kHz	44.66	-13.57
2 Average	378 kHz	33.99	-14.32
2 Average	858 kHz	30.18	-15.81
1 Quasi Peak	162 kHz	49.23	-16.12
1 Quasi Peak	470 kHz	40.10	-16.41
1 Quasi Peak	266 kHz	44.04	-17.20
1 Quasi Peak	626 kHz	38.21	-17.78

Remarks:

- 1) Level (final measurement) = received value + transducer (Lisn+cable)
- 2) Delta = Level – Limit

No other significant emissions were measured at the frequency range of interest employing both the QP and AV detectors.

Neutral



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC-C-QP		
Trace2:	FCC-C-AV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Quasi Peak	2.738 MHz	42.94	-13.05
1 Quasi Peak	390 kHz	43.29	-14.76
1 Quasi Peak	1.454 MHz	41.00	-14.99
2 Average	2.694 MHz	29.97	-16.02
2 Average	818 kHz	29.44	-16.55
1 Quasi Peak	4.342 MHz	39.36	-16.63
1 Quasi Peak	1.022 MHz	38.88	-17.11
2 Average	594 kHz	28.52	-17.47
1 Quasi Peak	166 kHz	47.66	-17.49
2 Average	1.266 MHz	27.78	-18.21

Remarks:

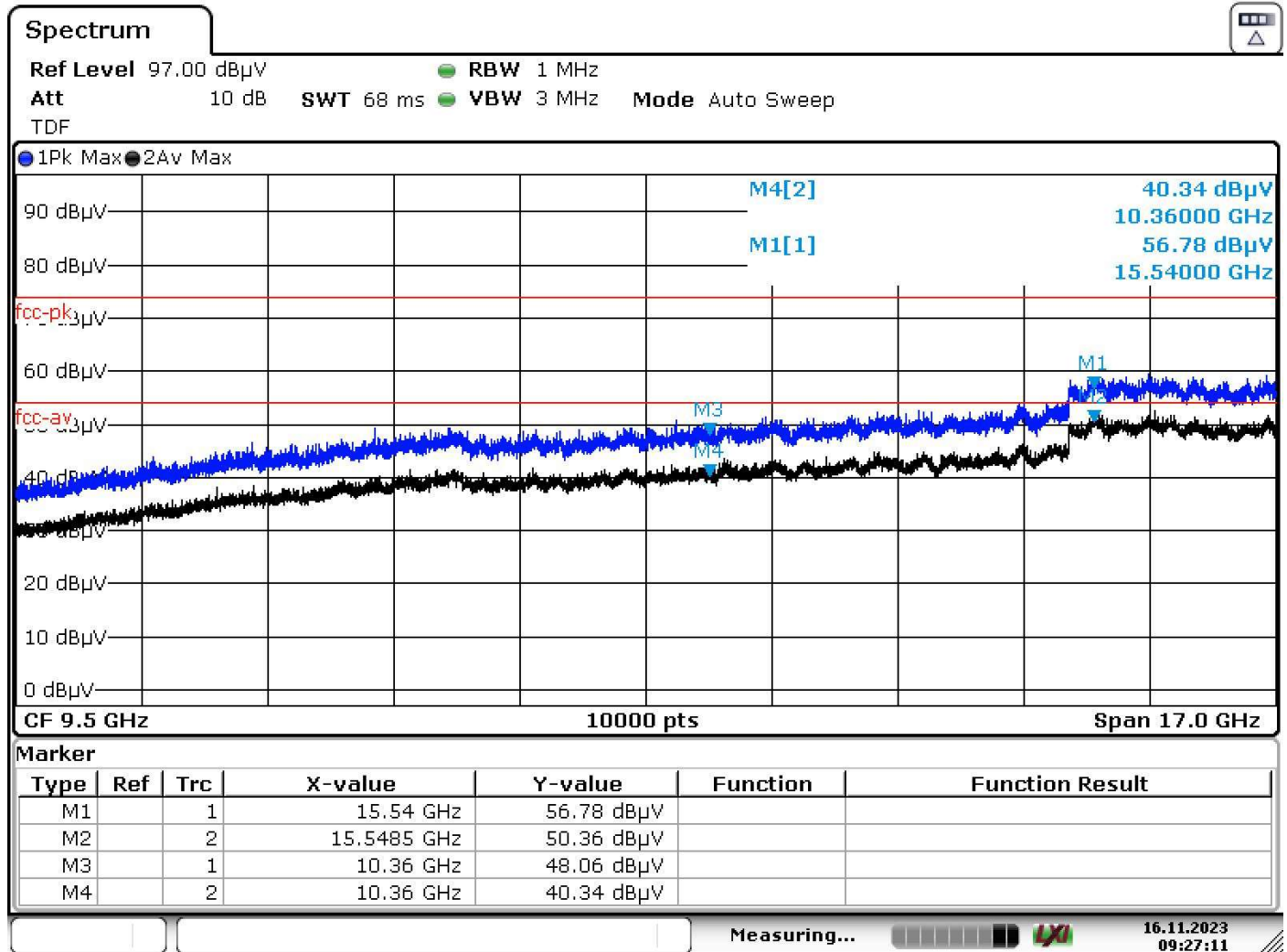
- 1) Level (final measurement) = received value + transducer (Lisn+cable)
- 2) Delta = Level – Limit

No other significant emissions were measured at the frequency range of interest employing both the QP and AV detectors.

## Appendix B: Radiated Emission

### SISO: Worst test data Antenna1

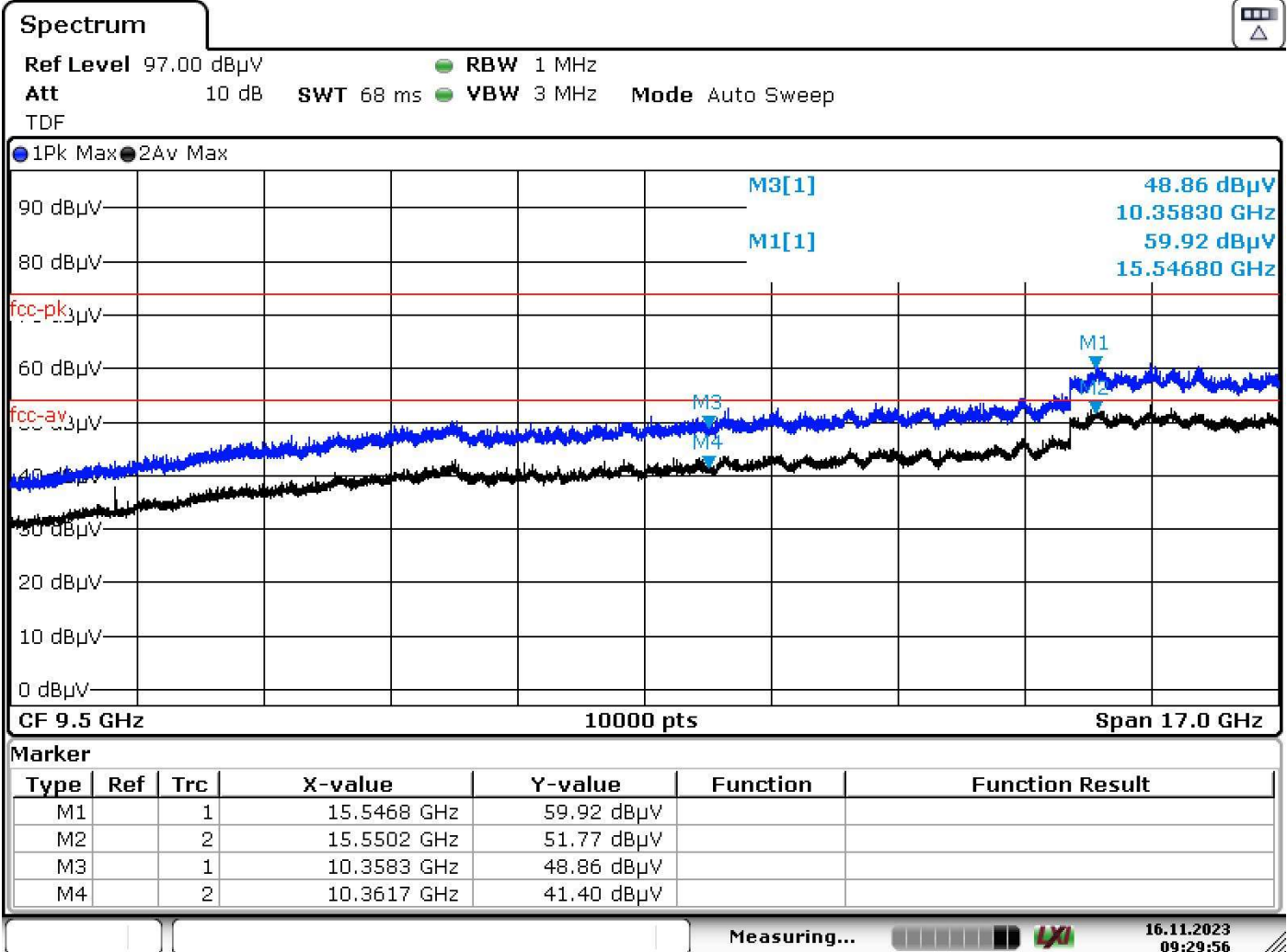
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5180MHz by 802.11a	



Date: 16.NOV.2023 09:27:11

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

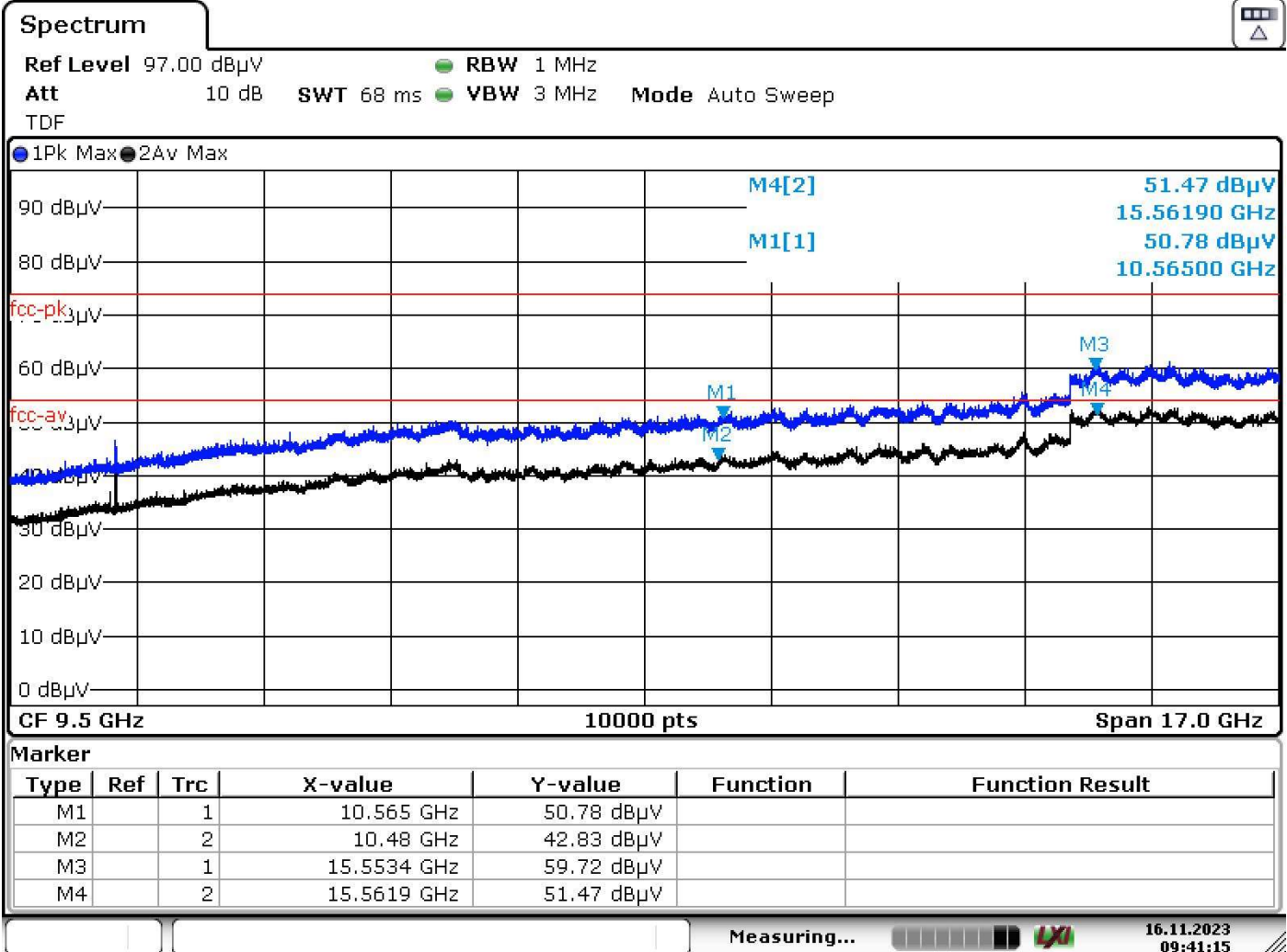
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5180MHz by 802.11a	



Date: 16.NOV.2023 09:29:56

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

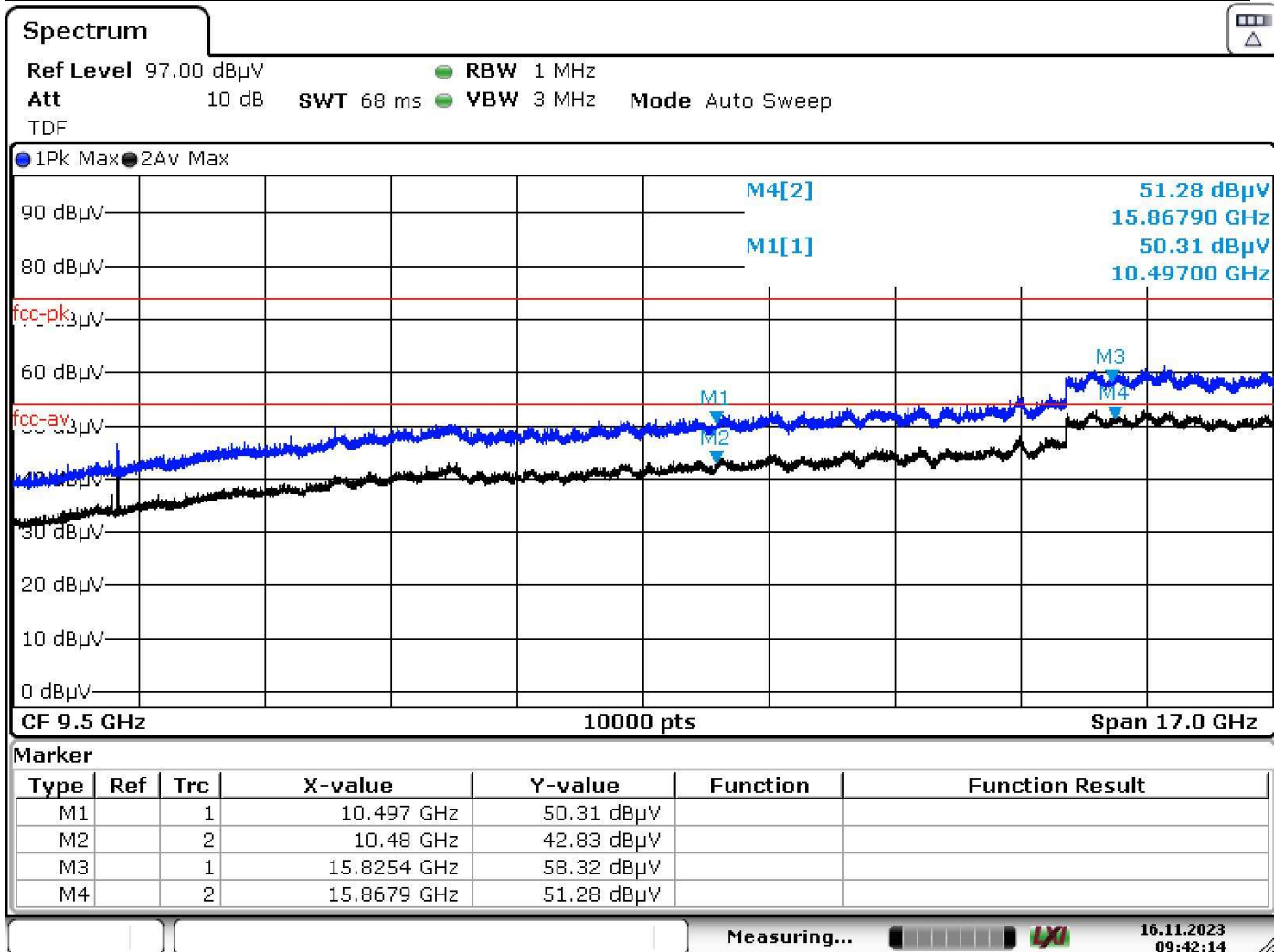
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5240MHz by 802.11a	



Date: 16.NOV.2023 09:41:15

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

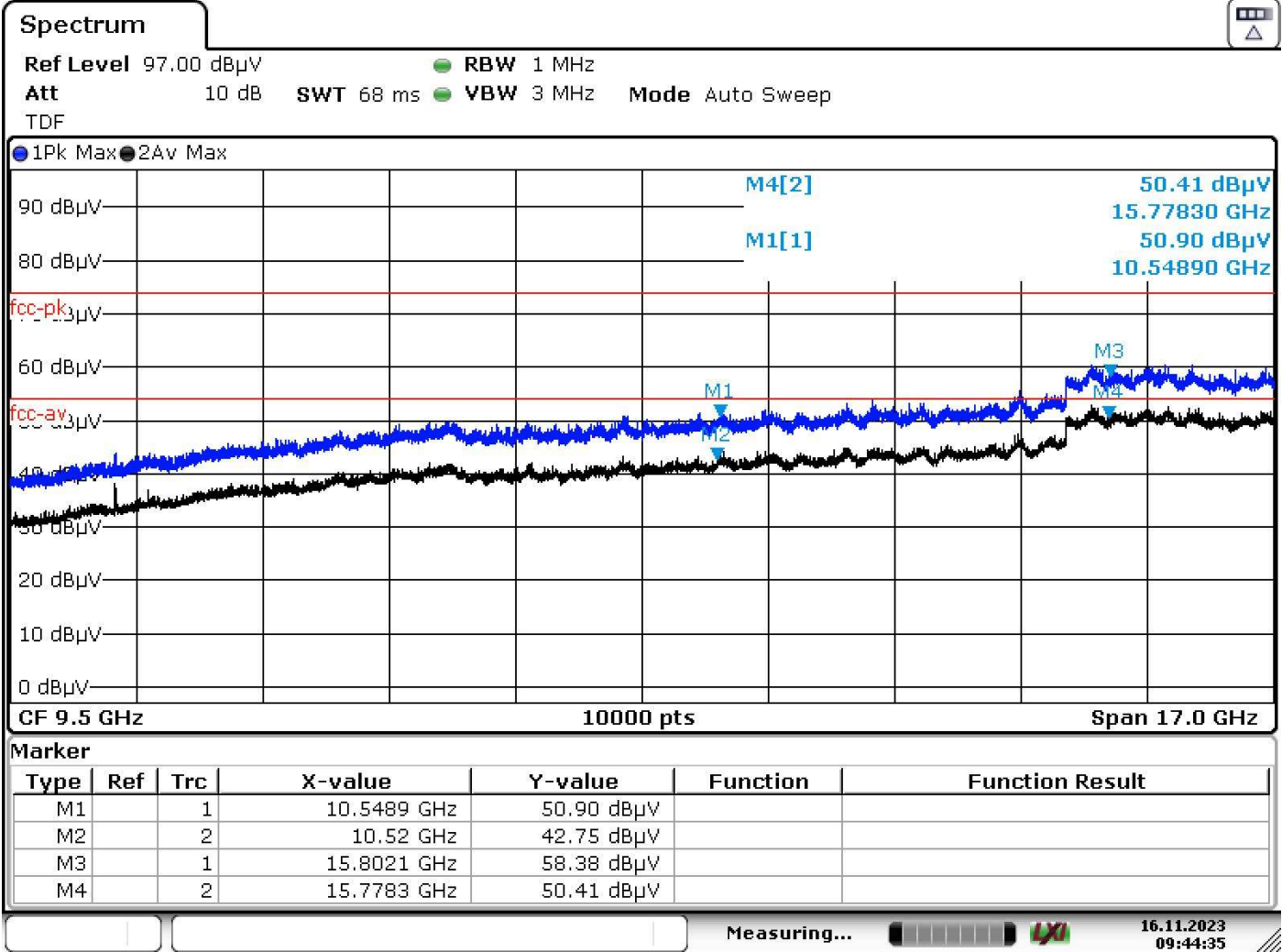
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5240MHz by 802.11a	



Date: 16.NOV.2023 09:42:14

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

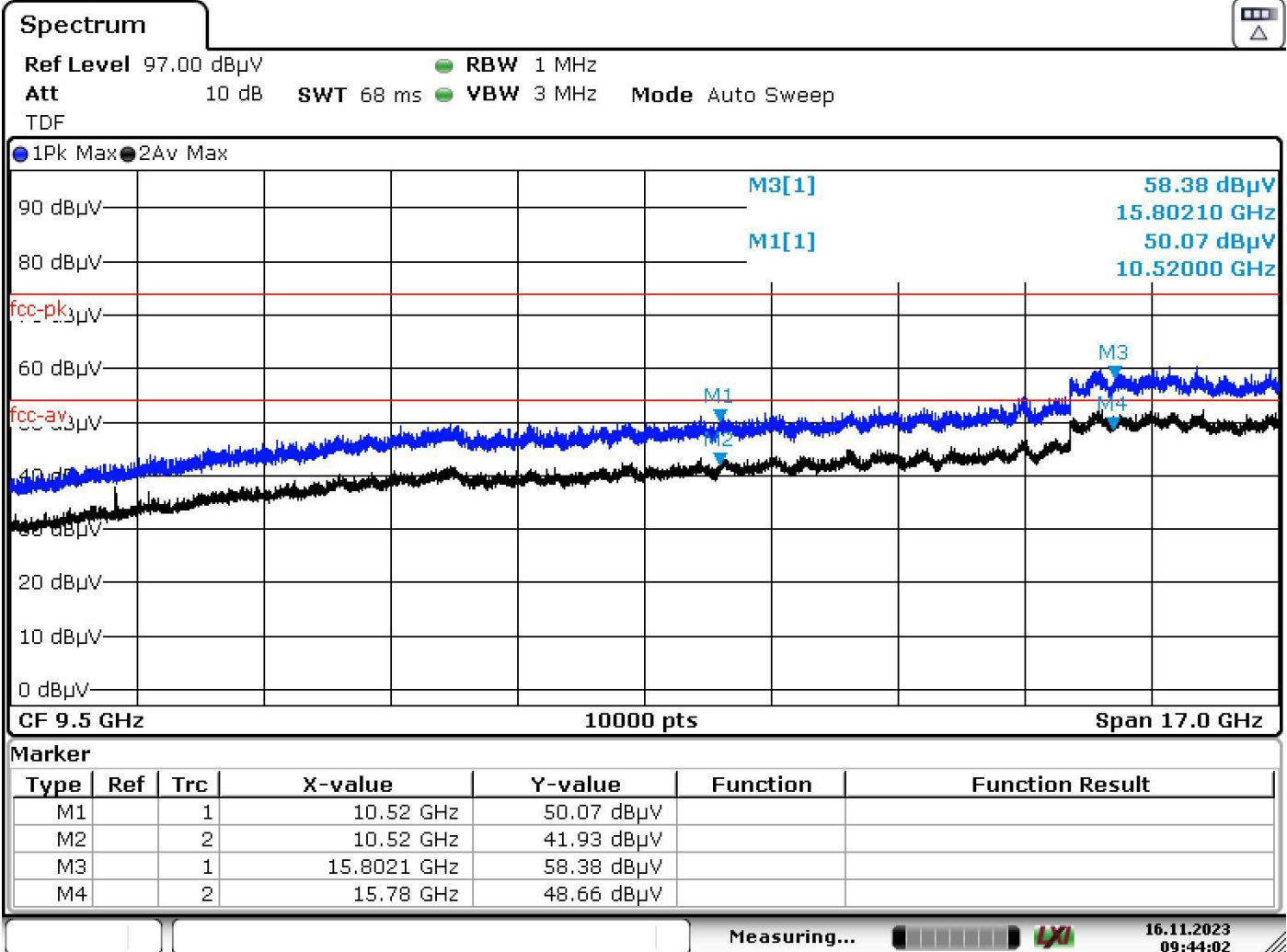
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5260MHz by 802.11a	



Date: 16.NOV.2023 09:44:35

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5260MHz by 802.11a	

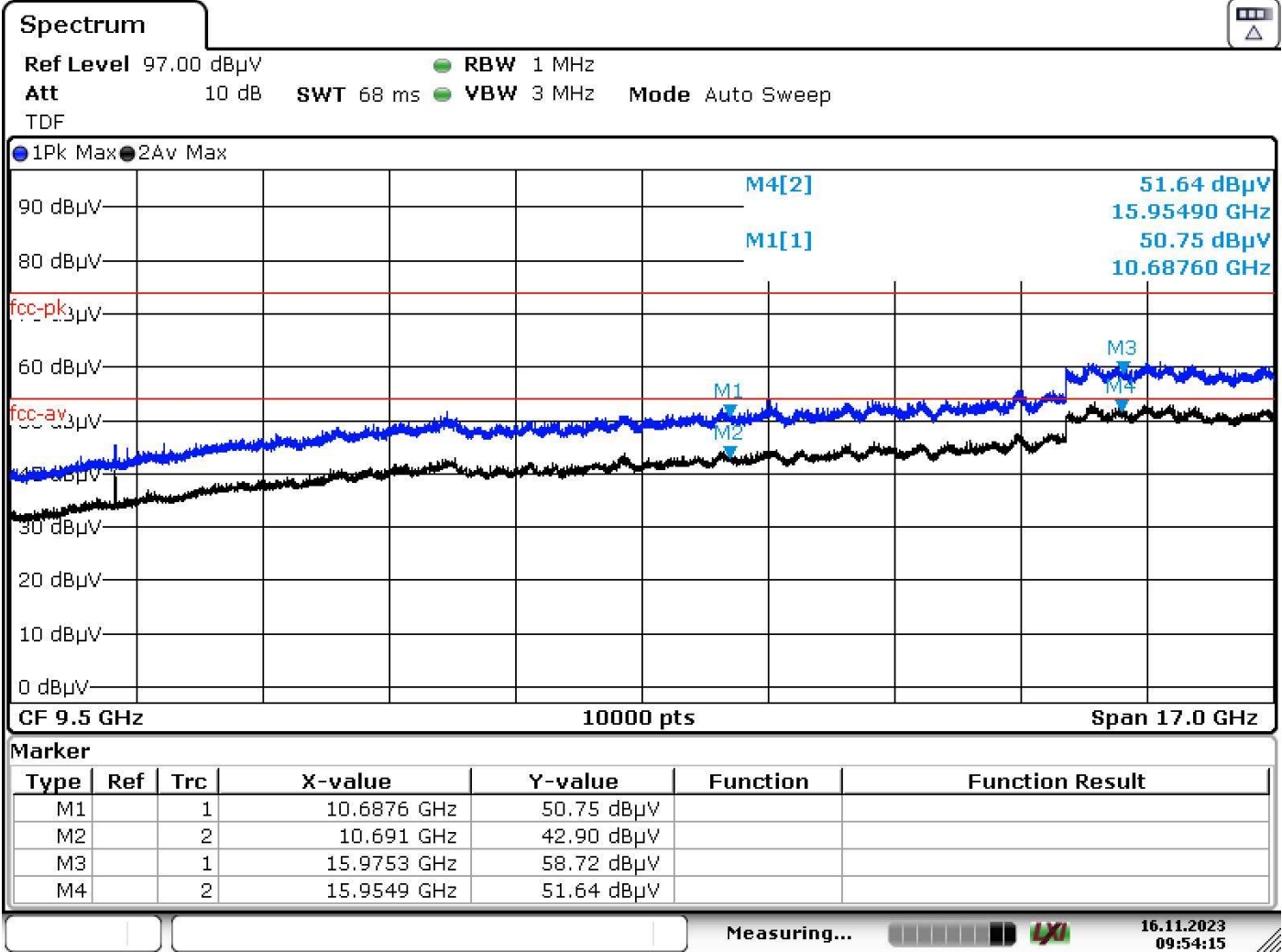


Date: 16.NOV.2023 09:44:03

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)



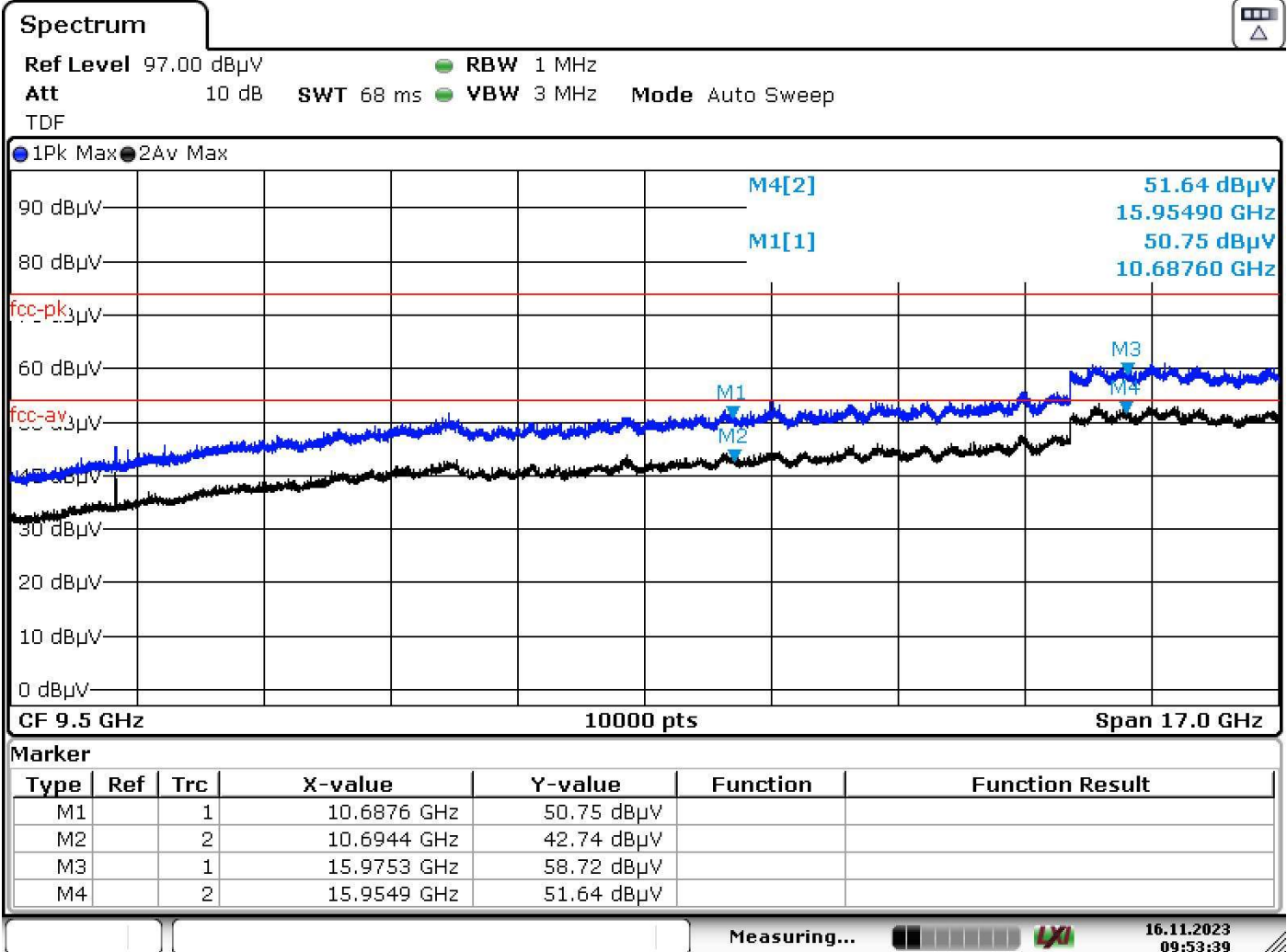
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5320MHz by 802.11a	



Date: 16.NOV.2023 09:54:15

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

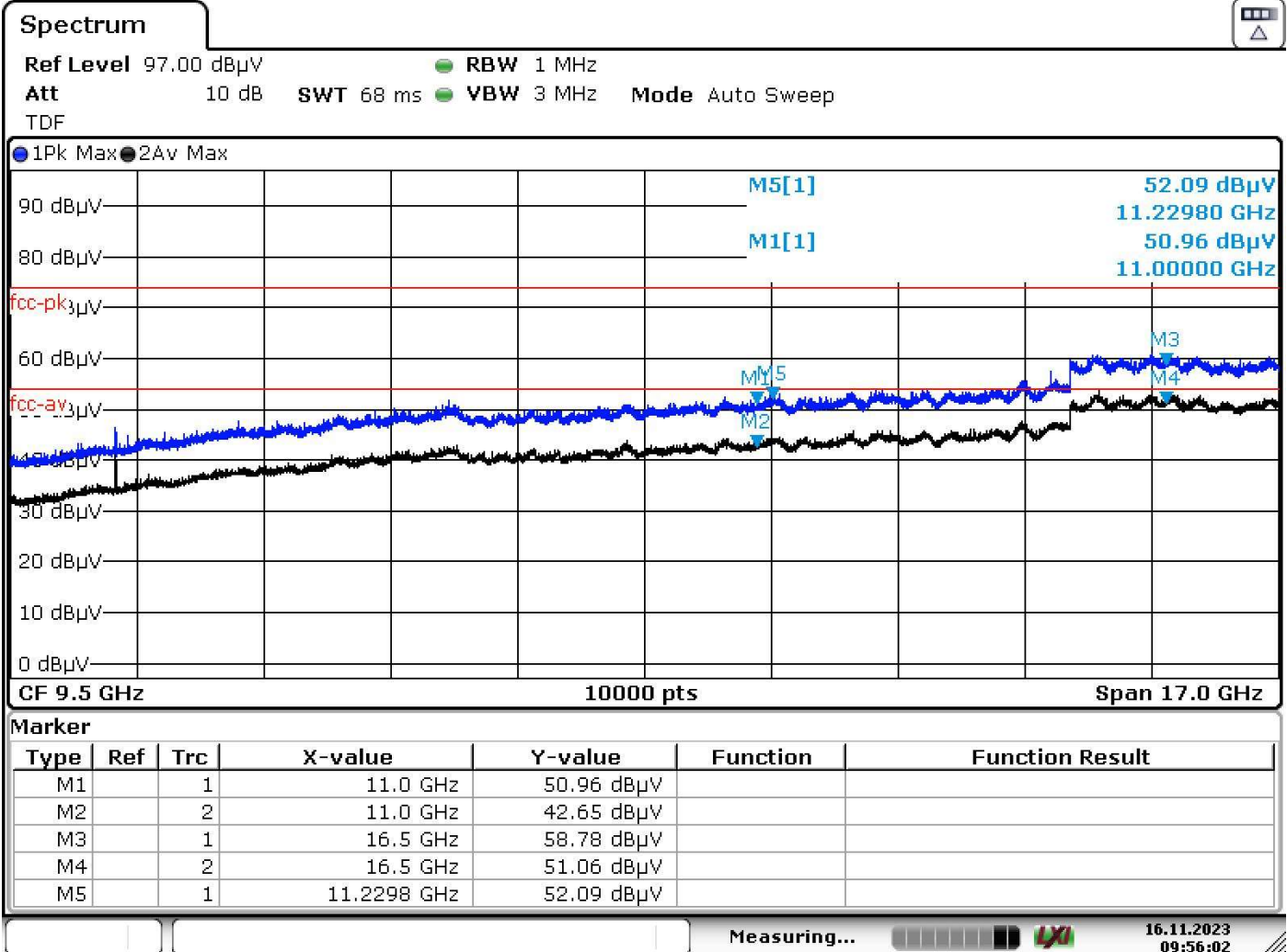
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5320MHz by 802.11a	



Date: 16.NOV.2023 09:53:39

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

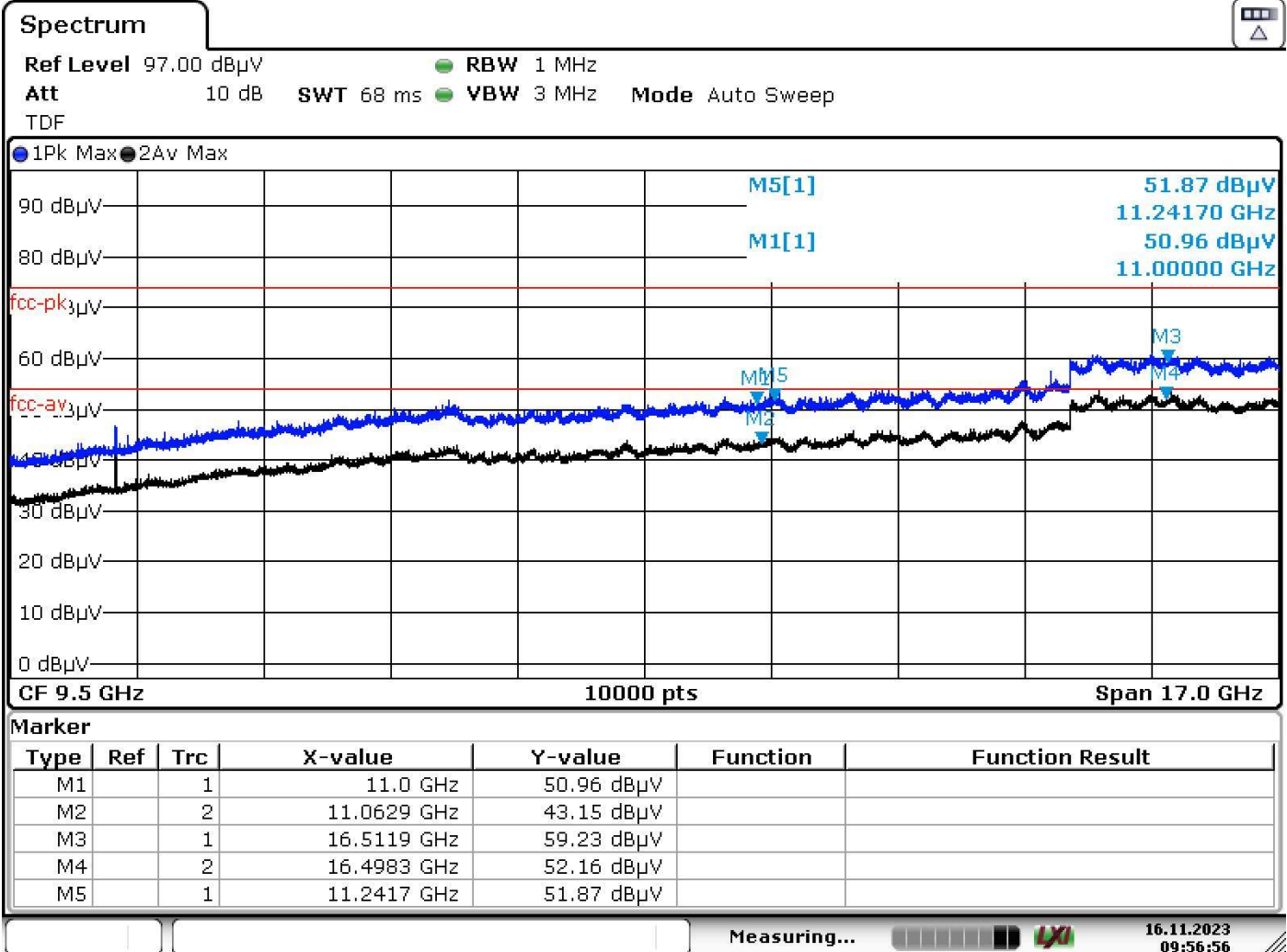
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5500MHz by 802.11a	



Date: 16.NOV.2023 09:56:03

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

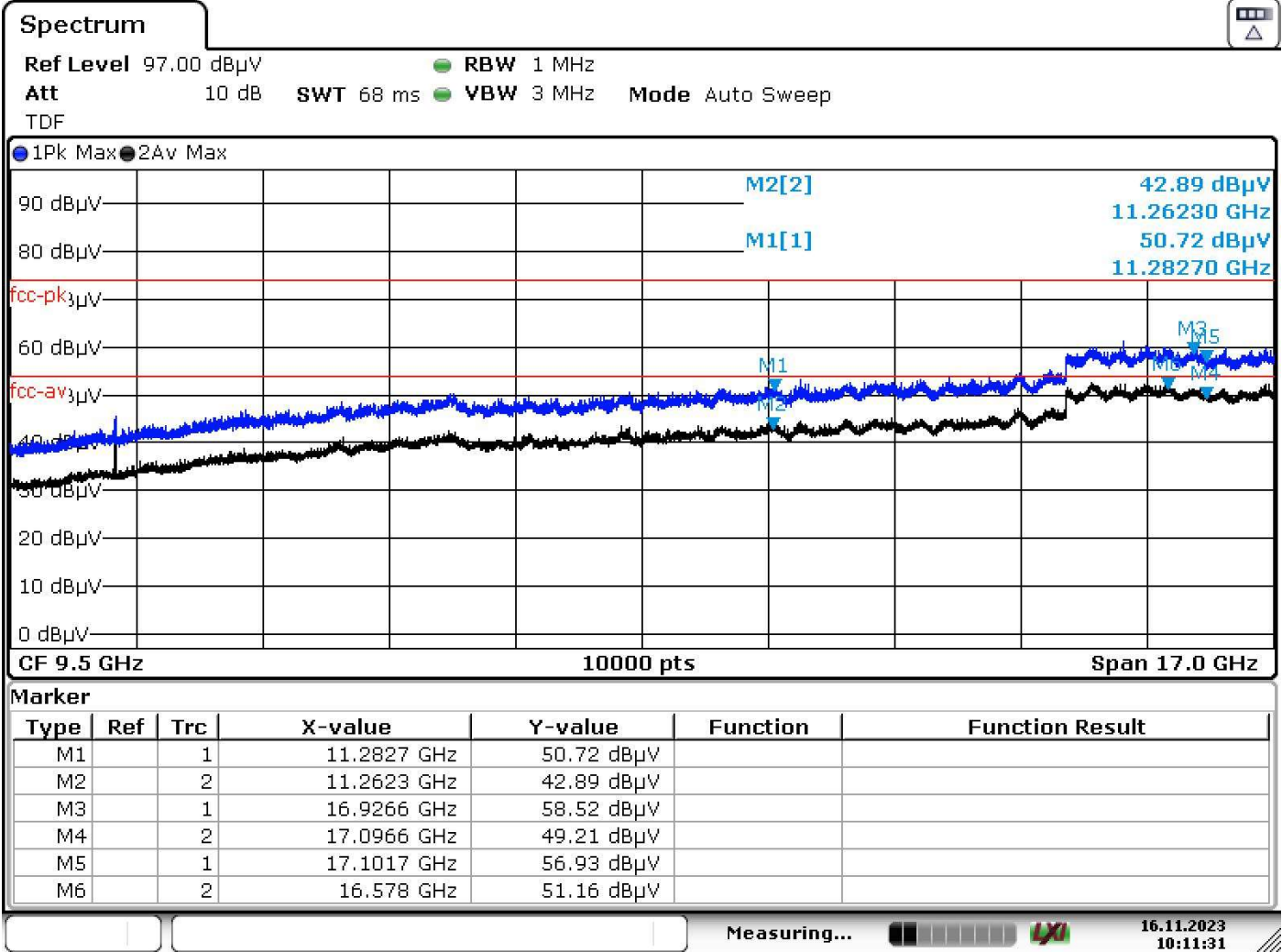
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5500MHz by 802.11a	



Date: 16.NOV.2023 09:56:57

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

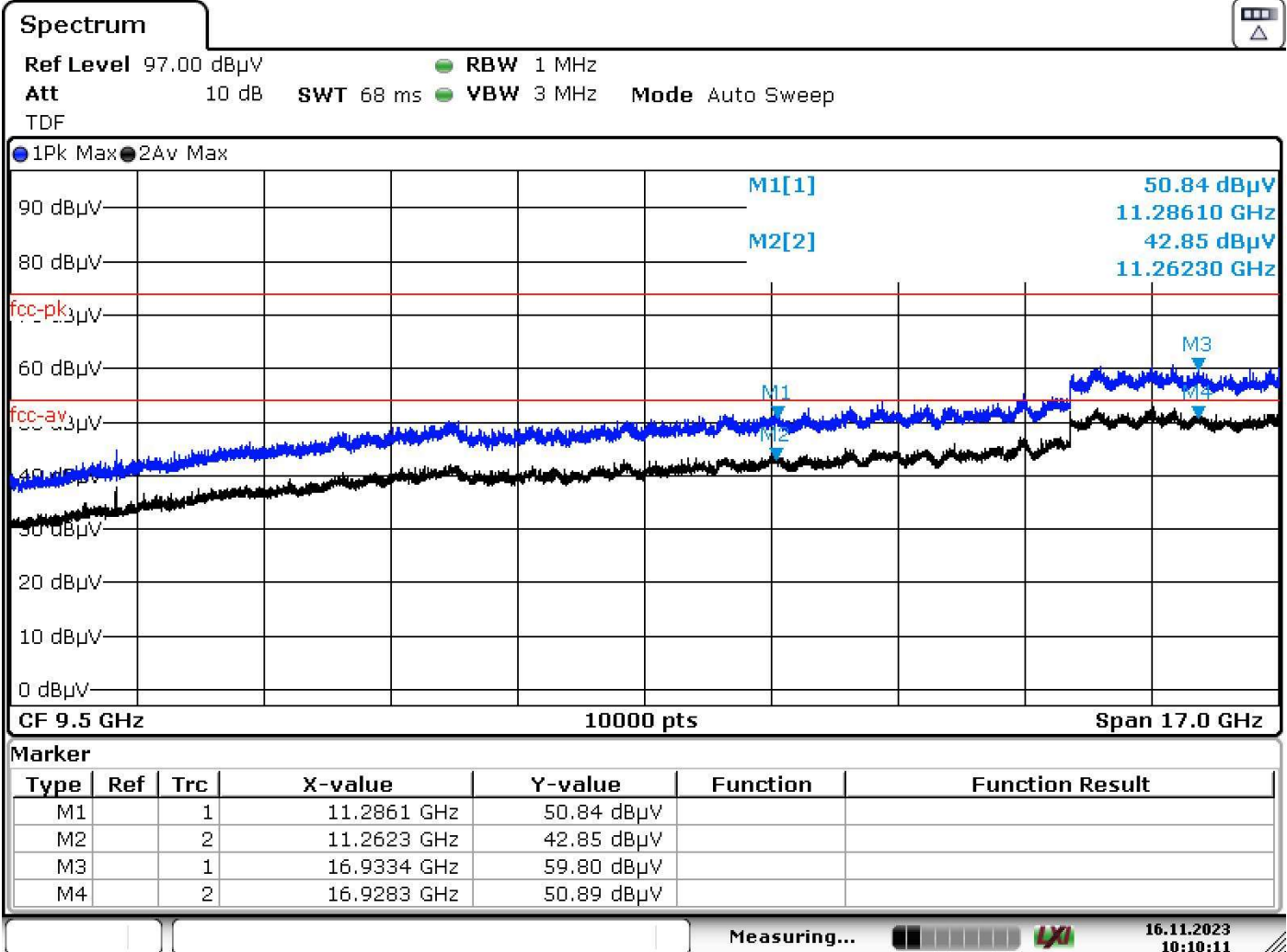
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5700MHz by 802.11a	



Date: 16.NOV.2023 10:11:31

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

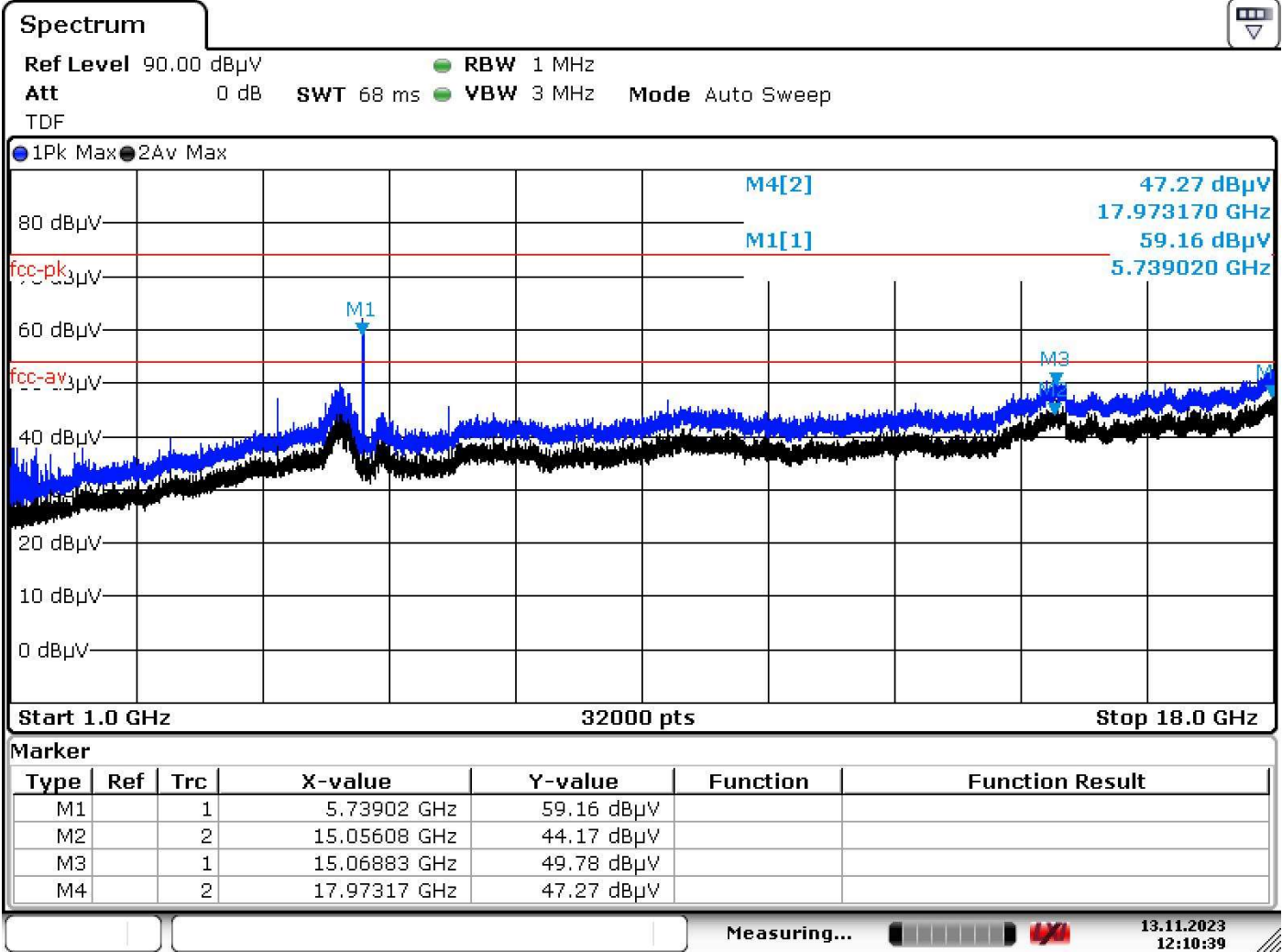
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5700MHz by 802.11a	



Date: 16.NOV.2023 10:10:11

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

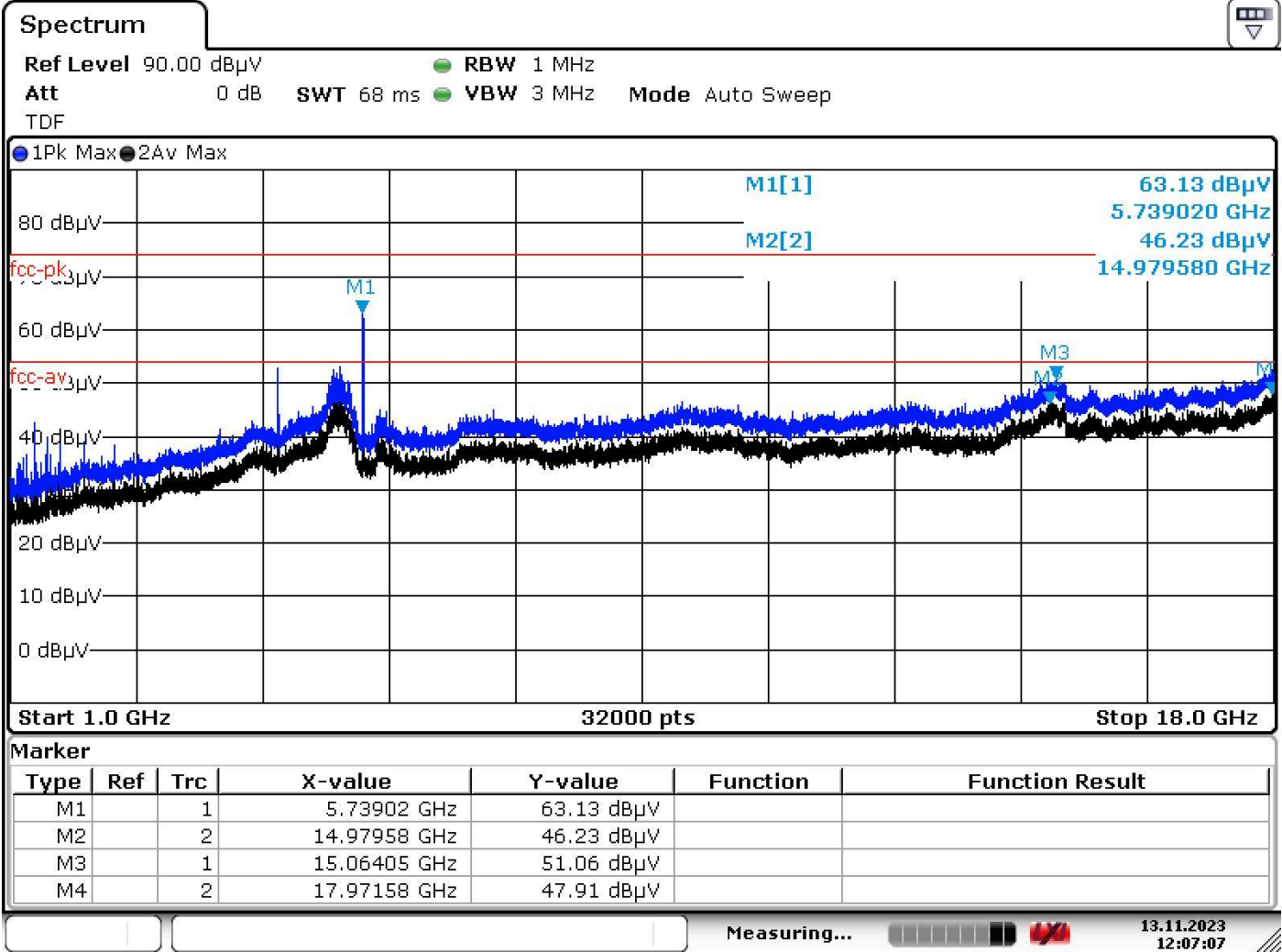
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5745MHz by 802.11a	



Date: 13.NOV.2023 12:10:40

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5745MHz by 802.11a	

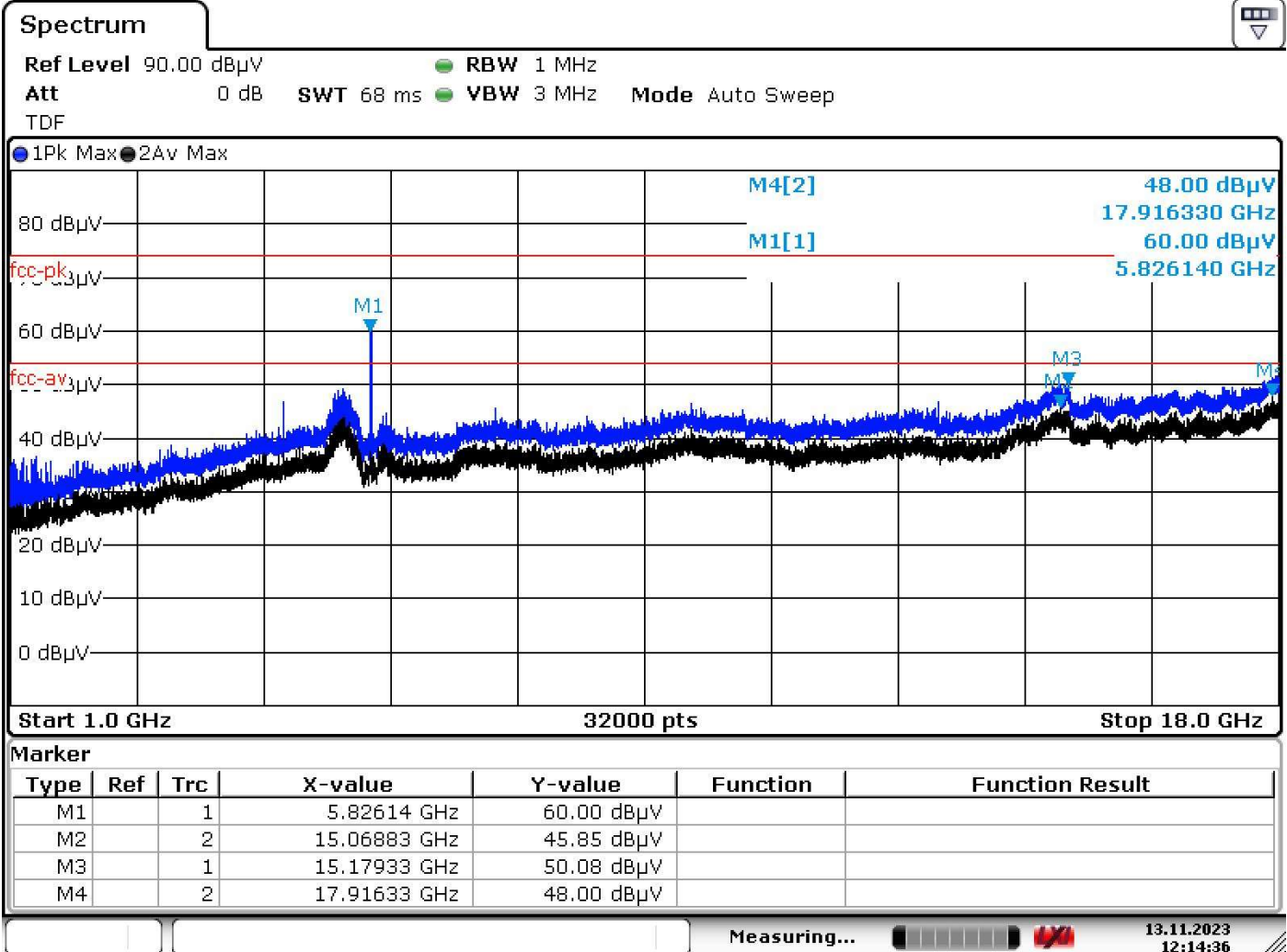


Date: 13.NOV.2023 12:07:06

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)



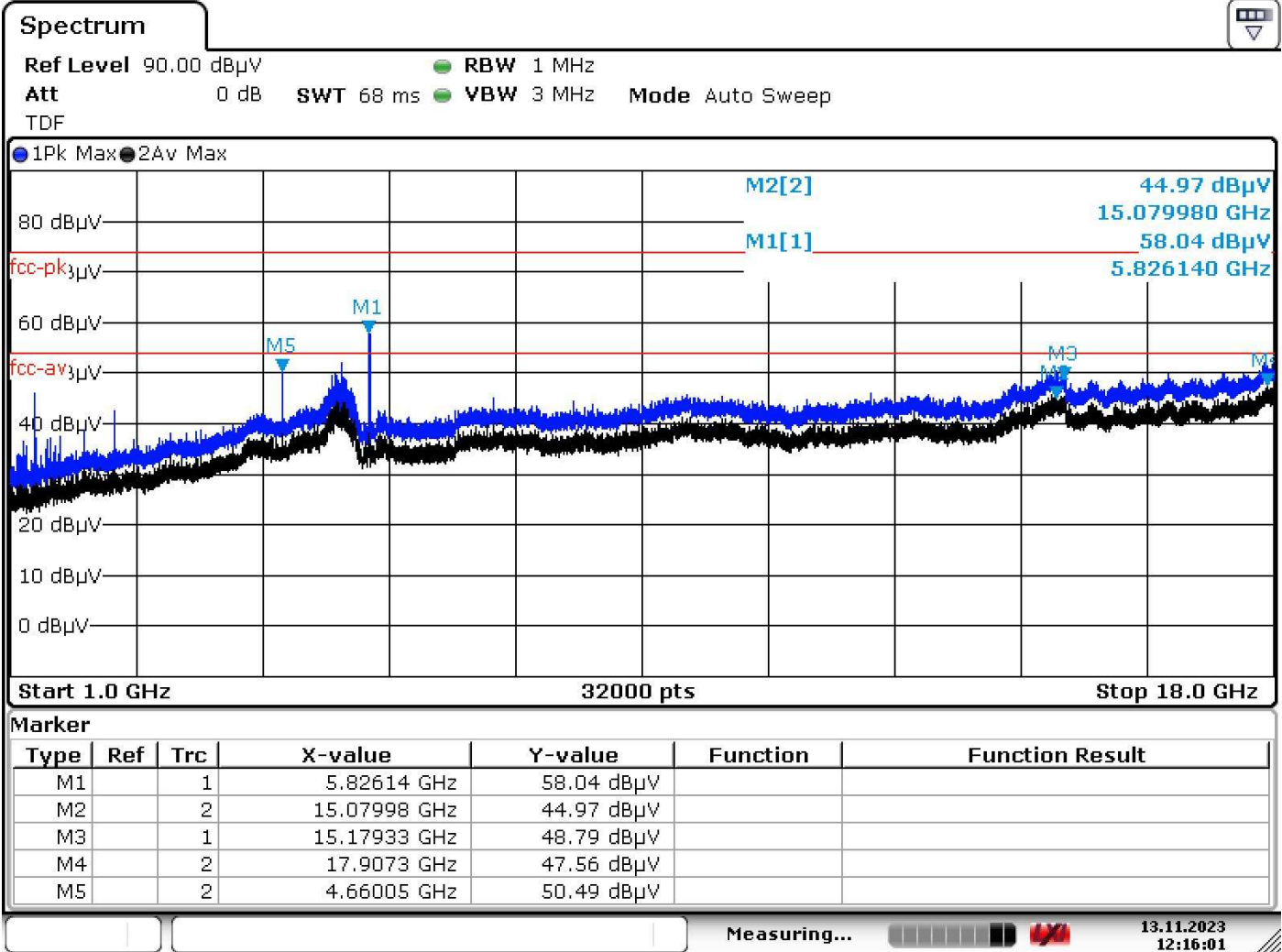
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5825MHz by 802.11a	



Date: 13.NOV.2023 12:14:36

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

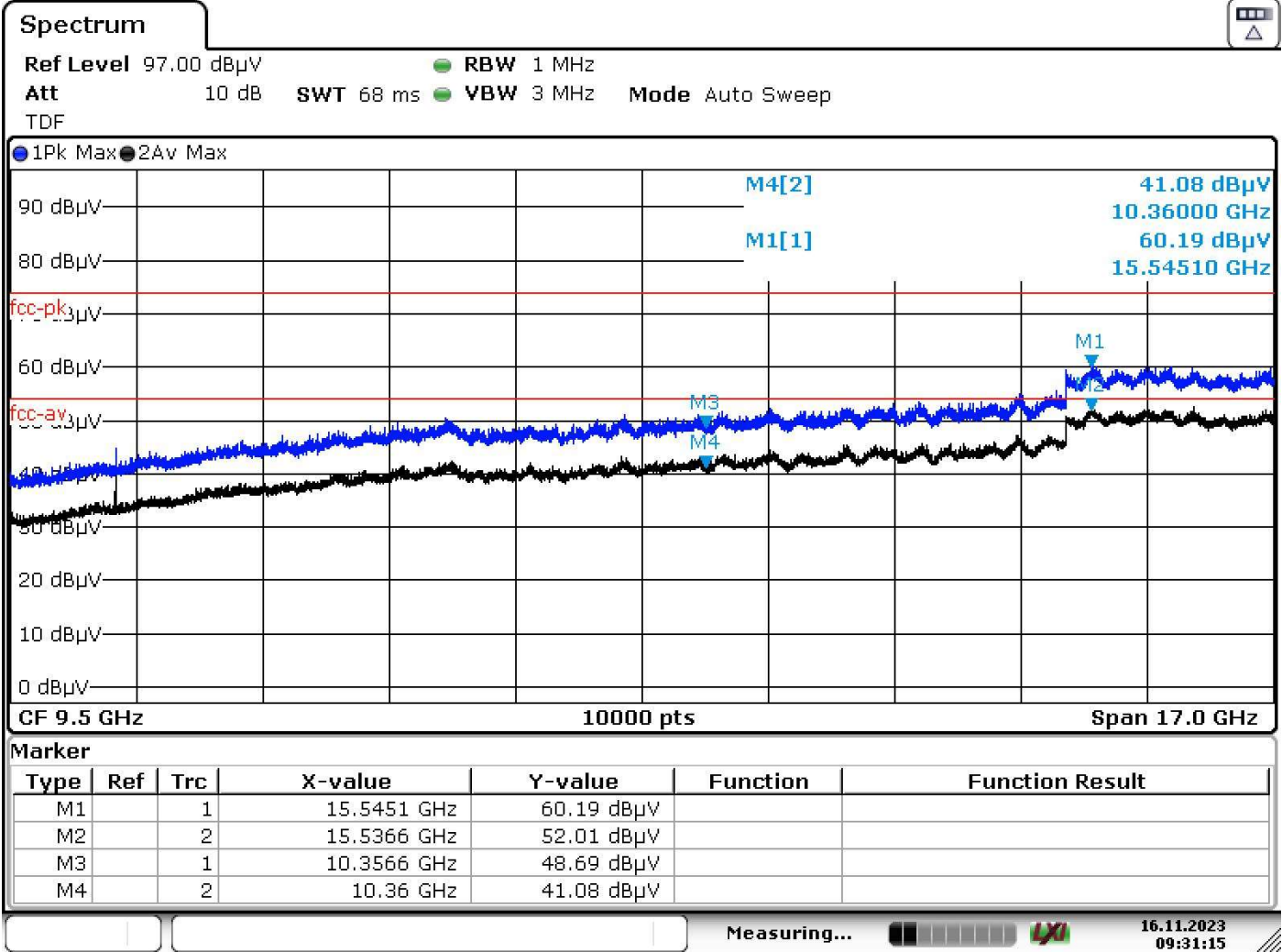
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5825MHz by 802.11a	



Date: 13.NOV.2023 12:16:01

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

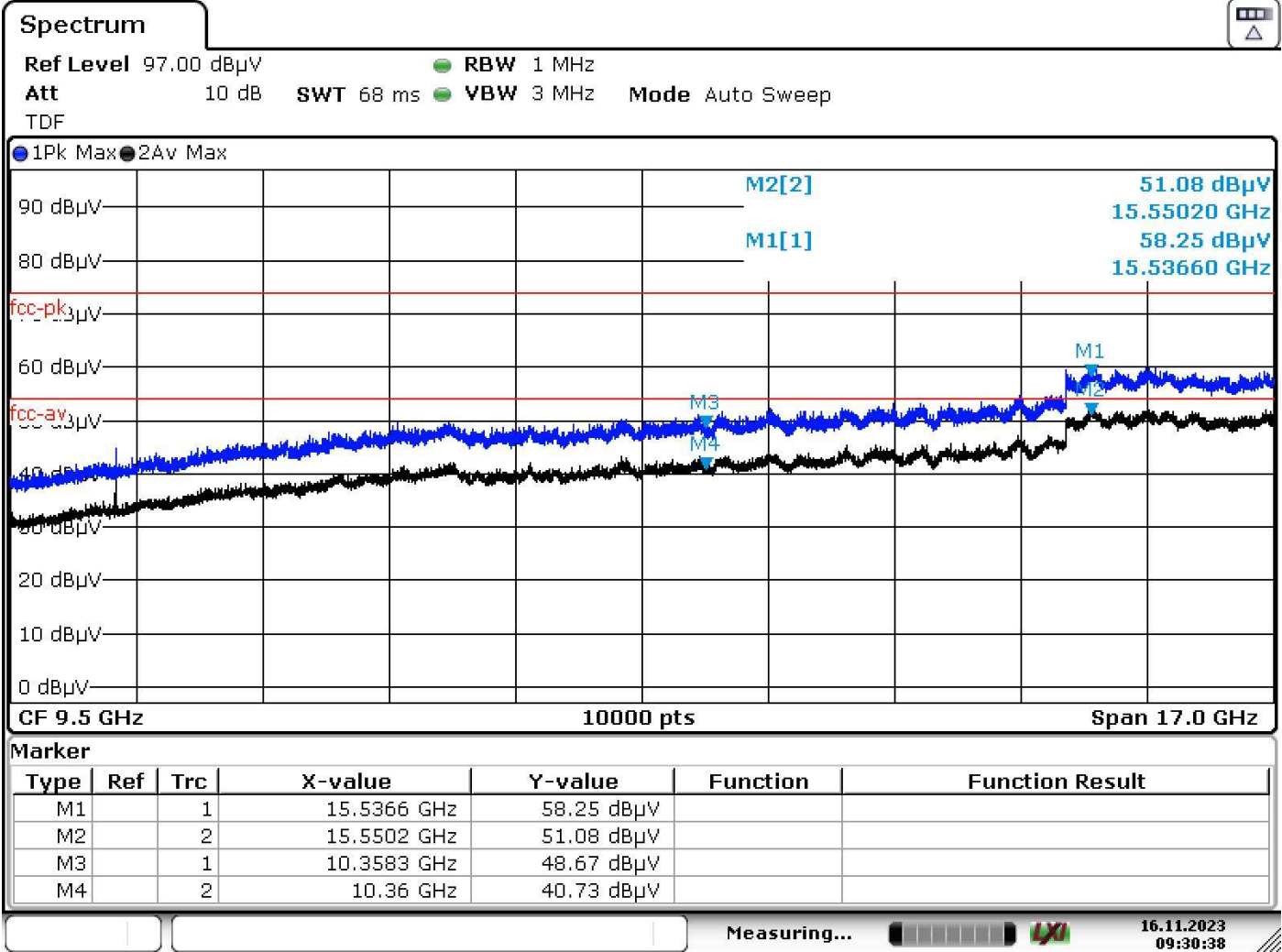
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5180MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:31:15

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

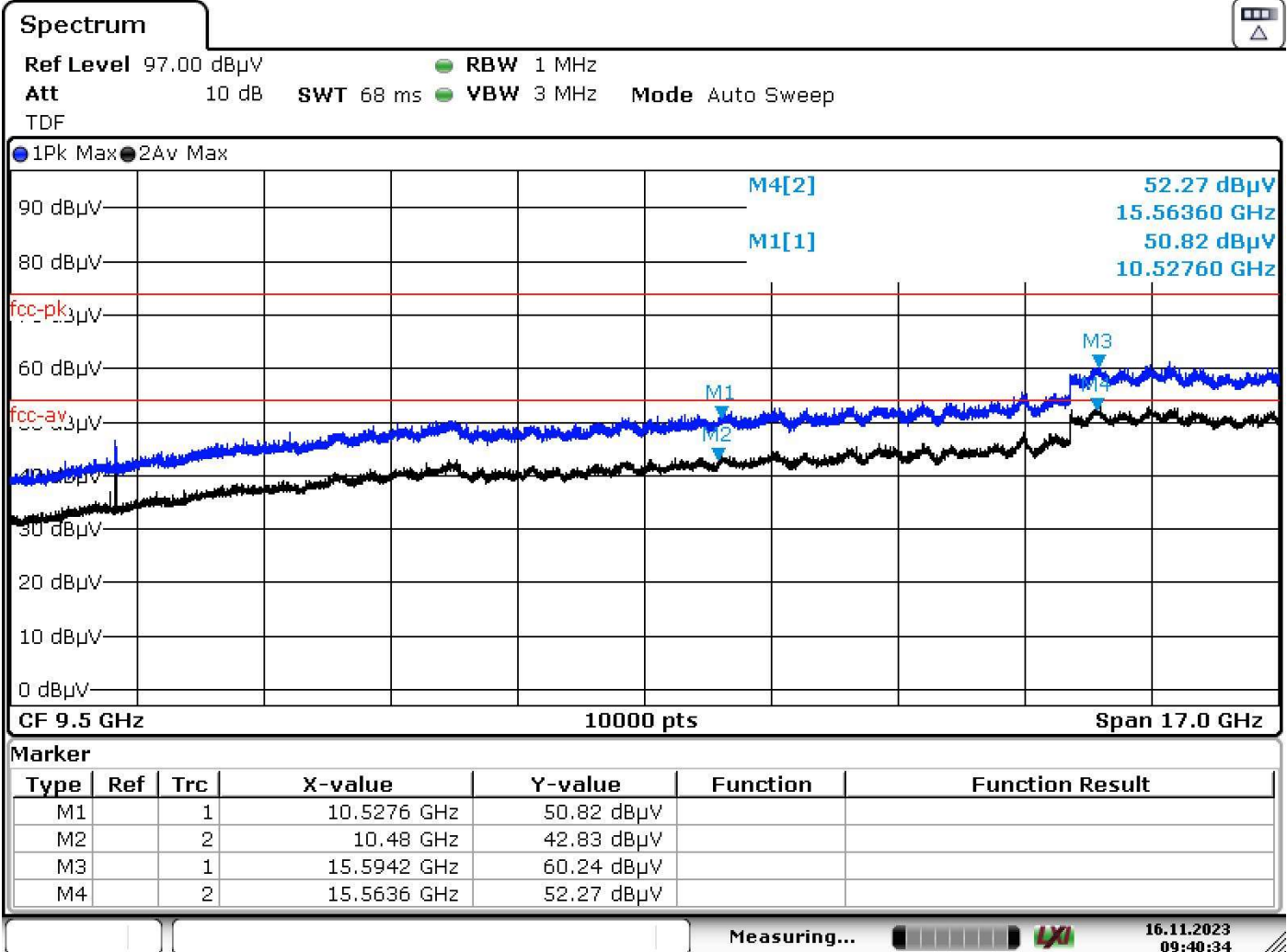
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5180MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:30:39

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

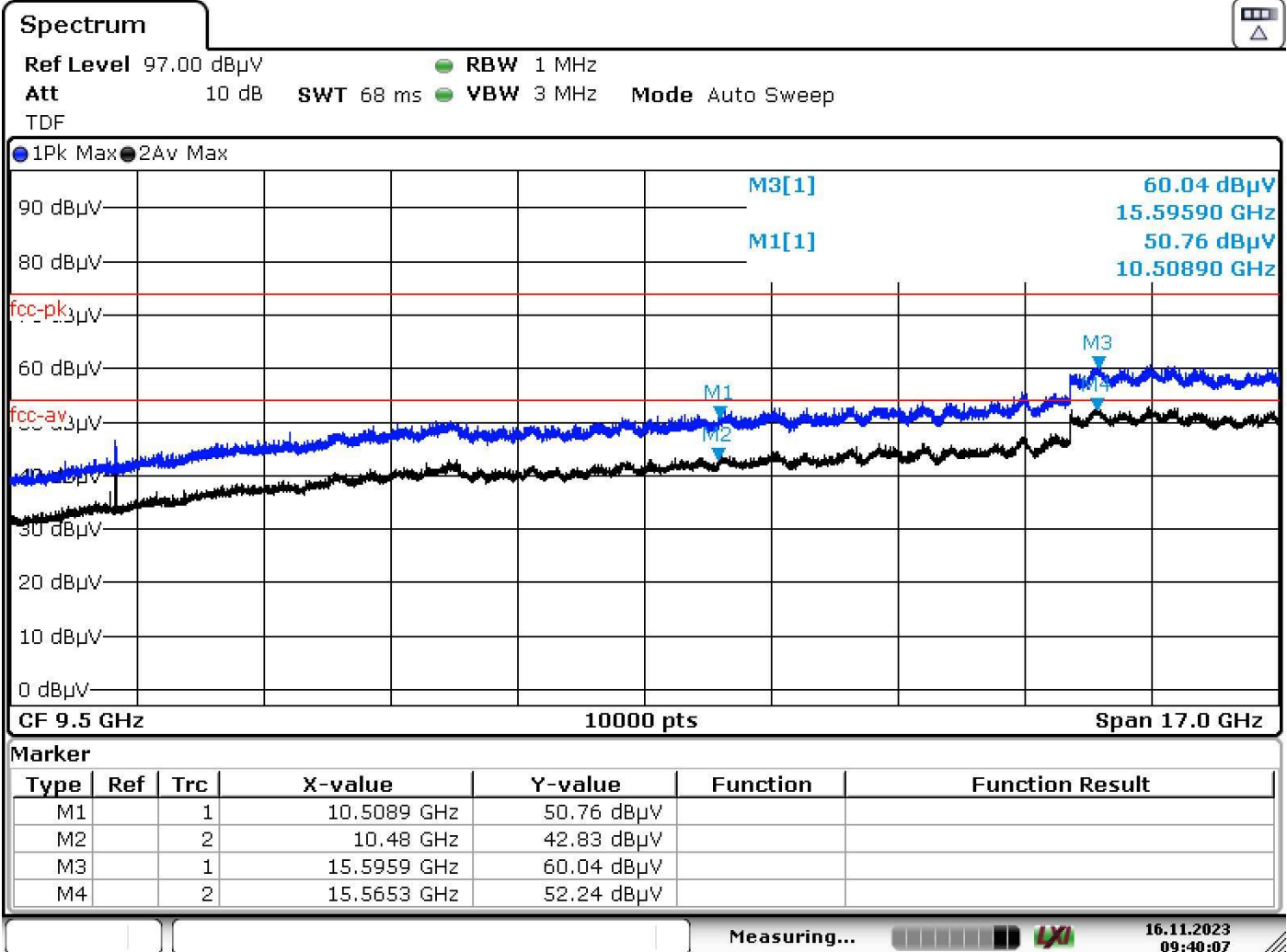
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5240MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:40:34

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

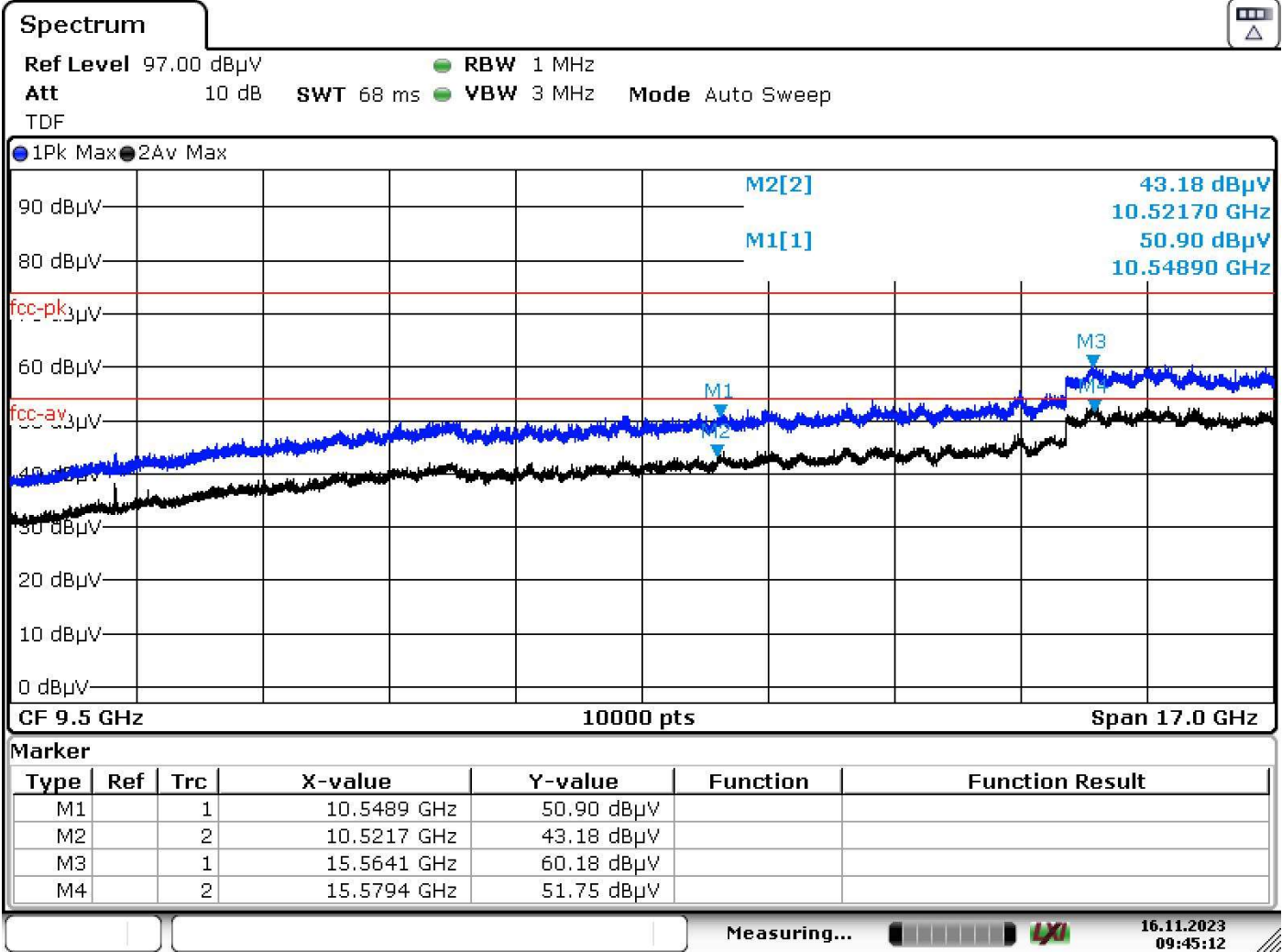
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5240MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:40:07

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

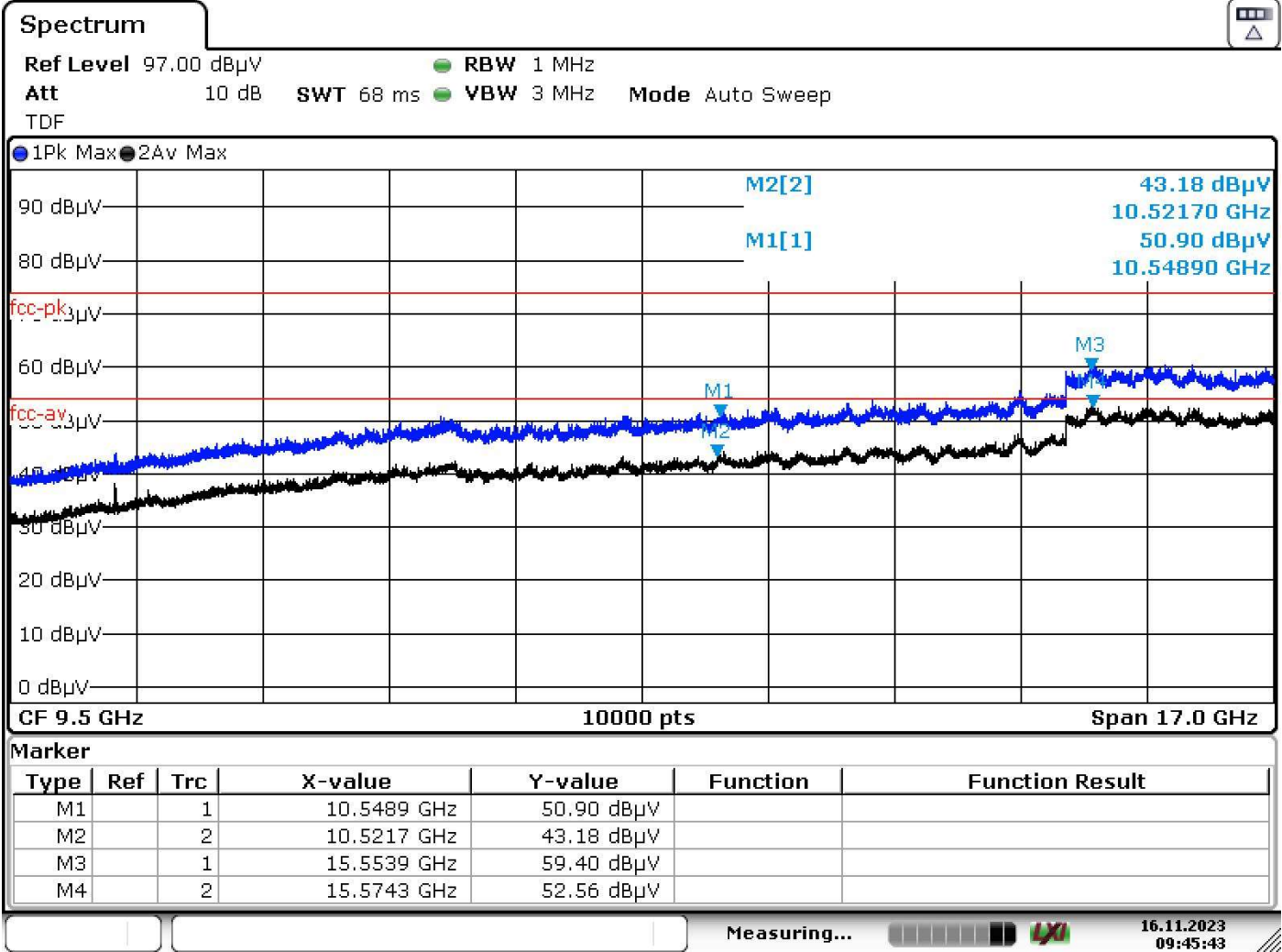
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5260MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:45:12

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5260MHz by 802.11n(20MHz)	

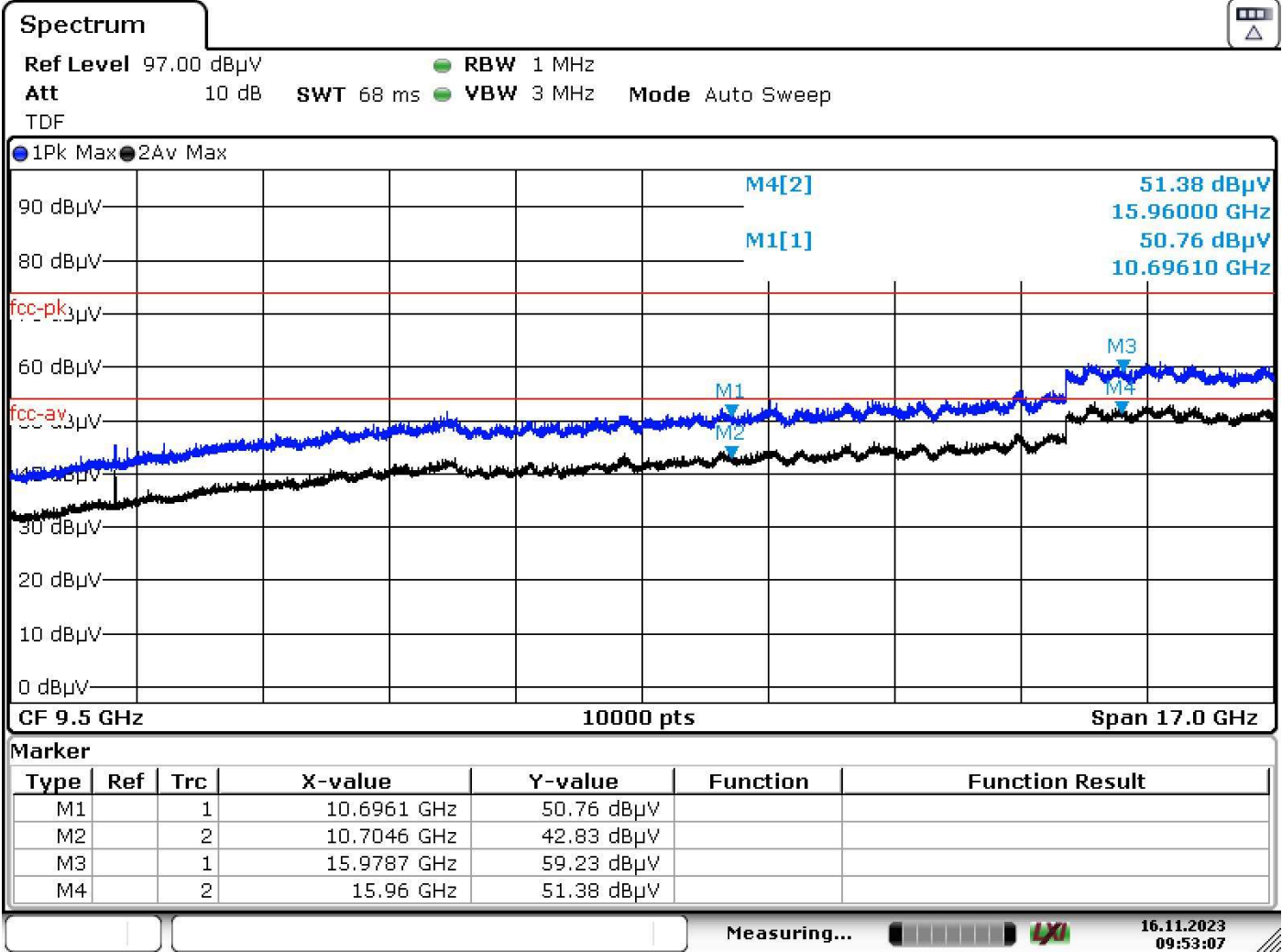


Date: 16.NOV.2023 09:45:43

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)



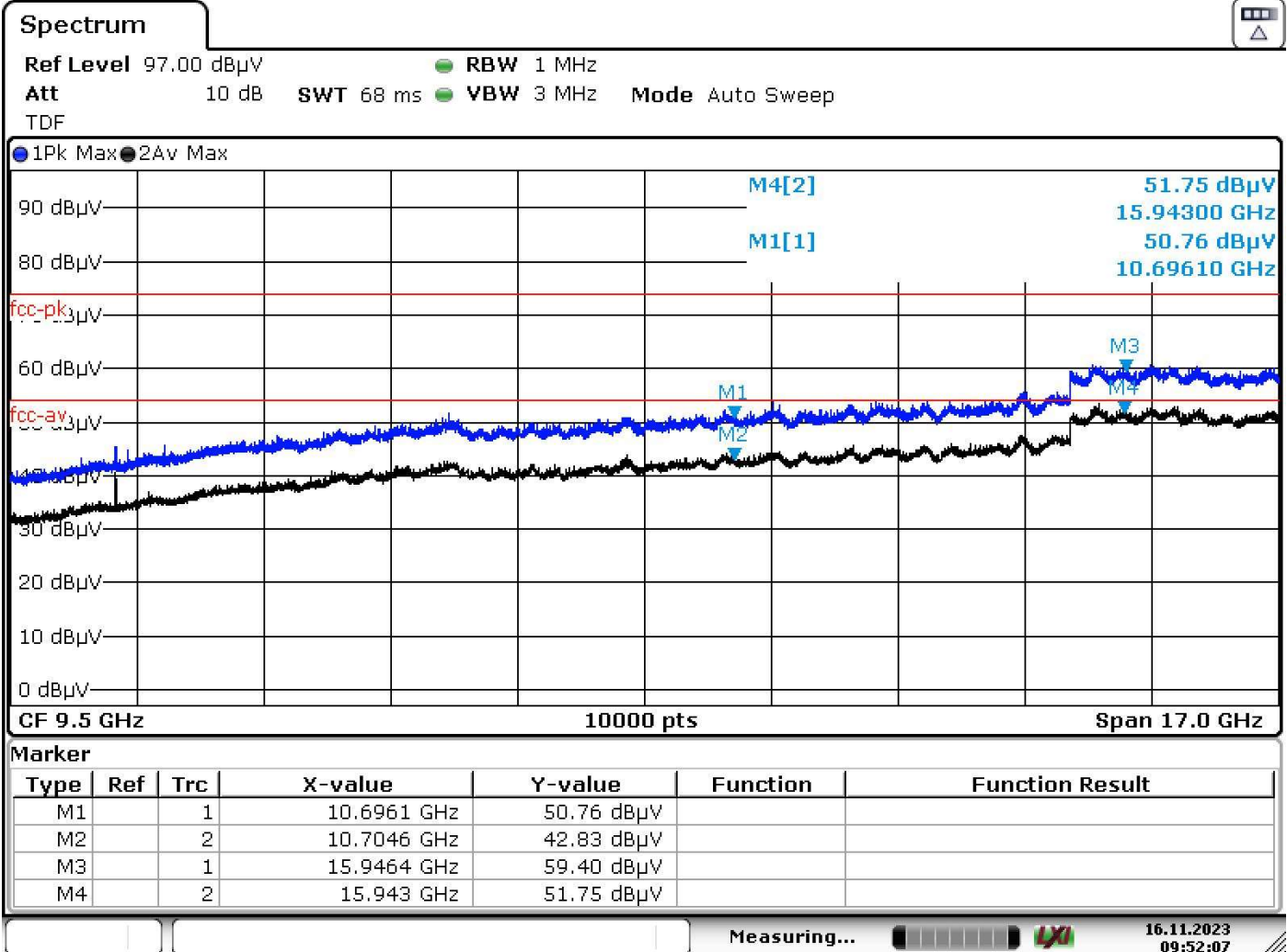
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5320MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:53:07

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

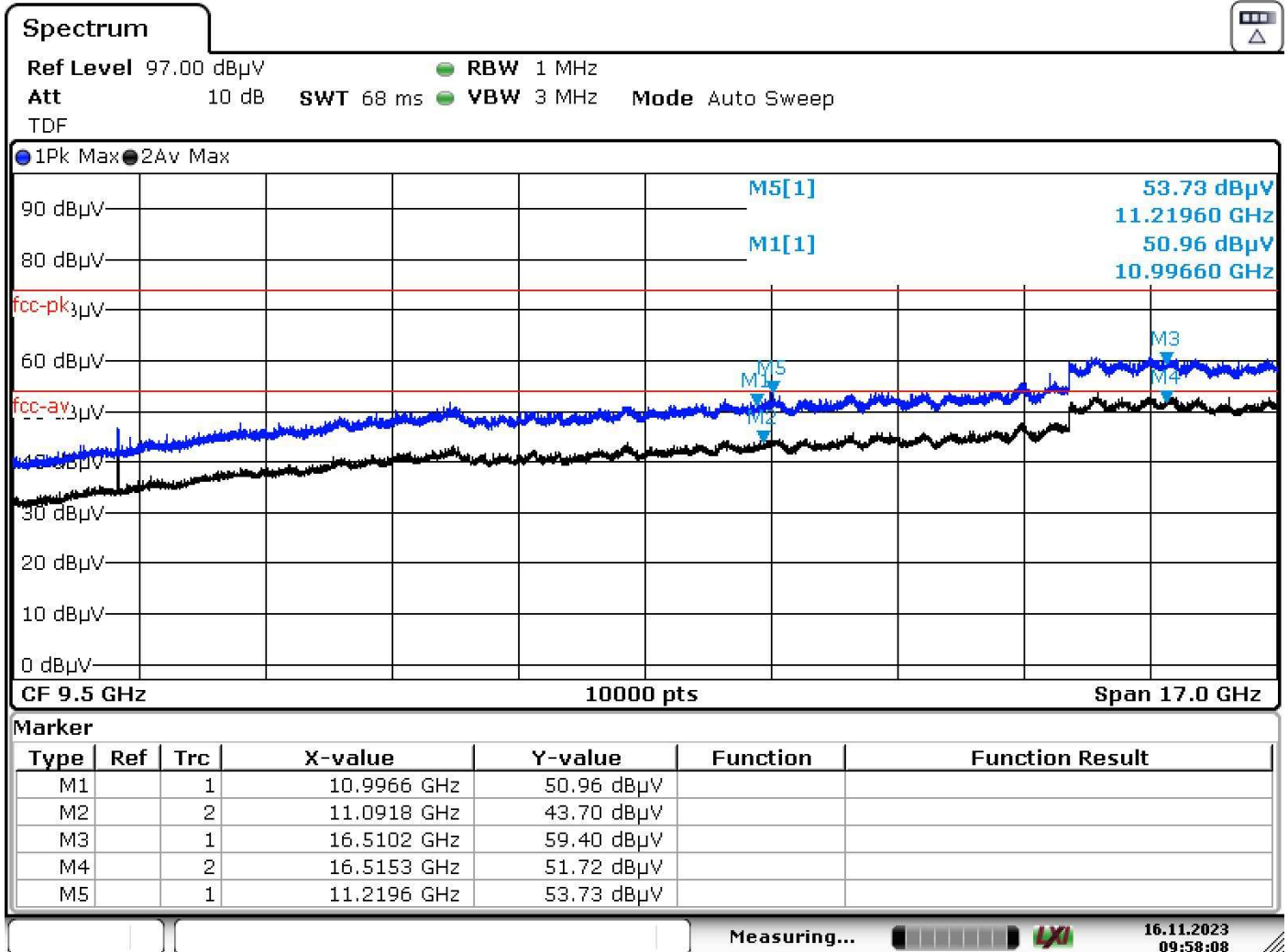
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5320MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:52:07

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5500MHz by 802.11n(20MHz)	



Date: 16.NOV.2023 09:58:09

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)