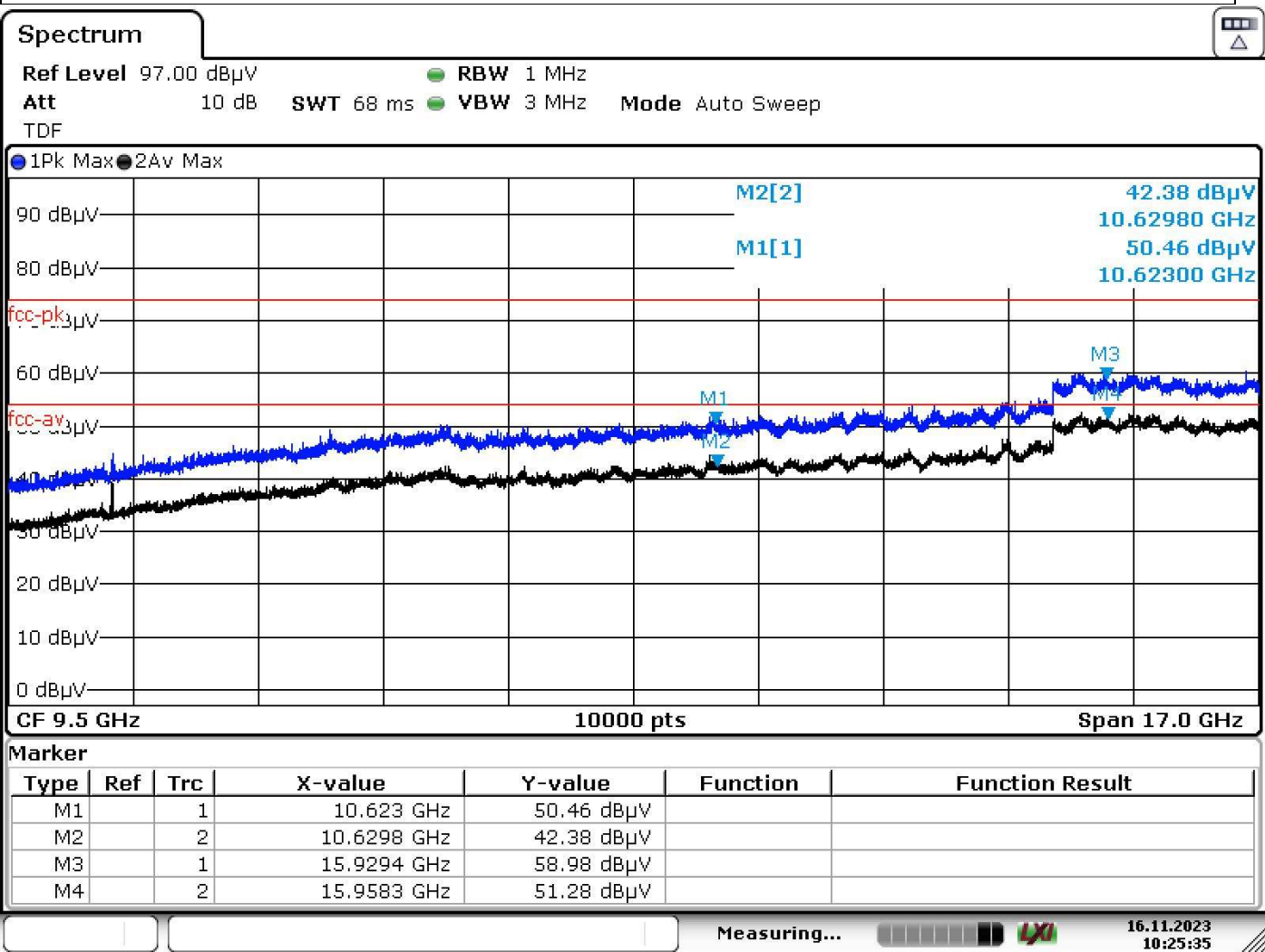


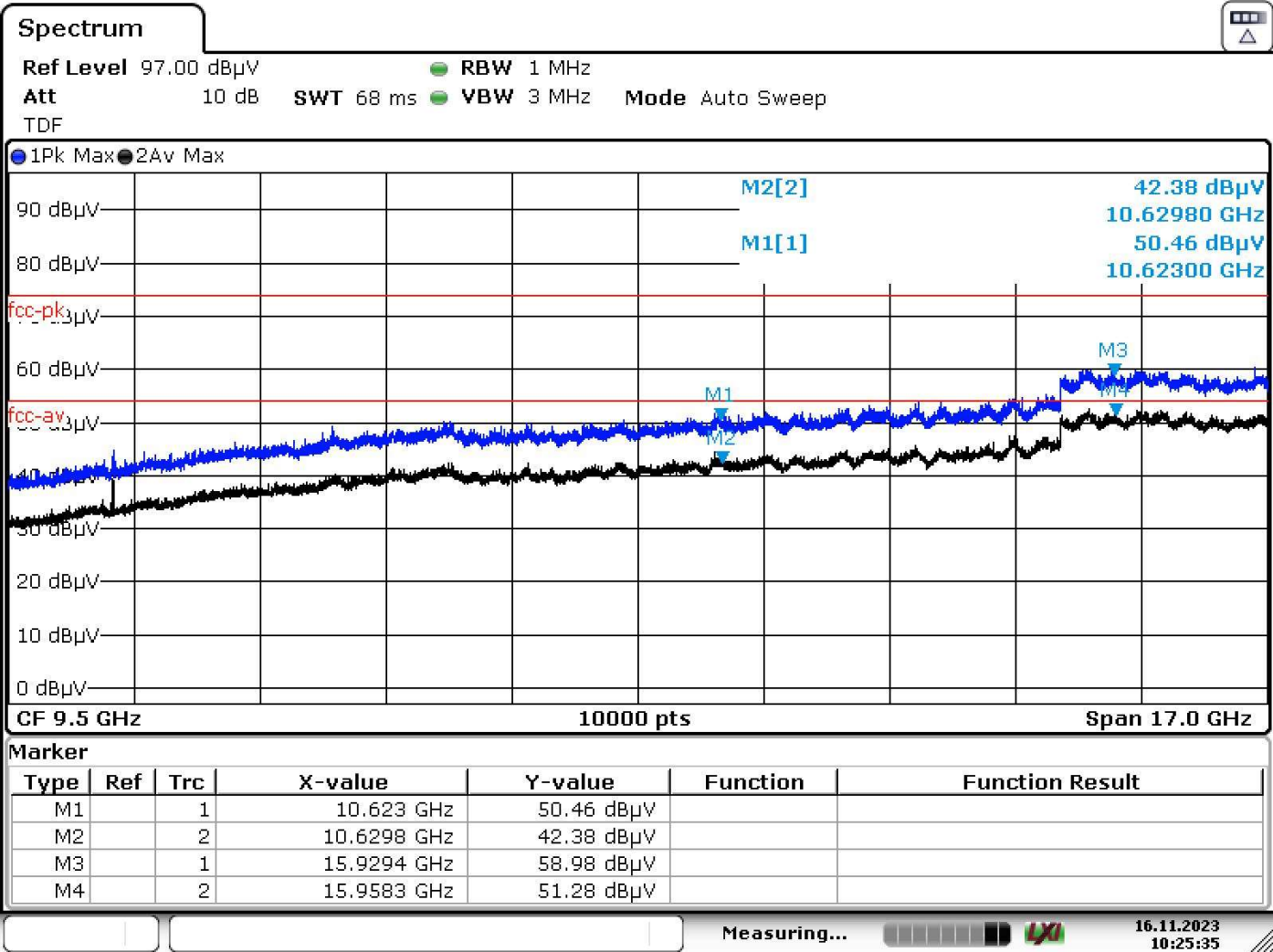
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5270MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 10:25:36

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

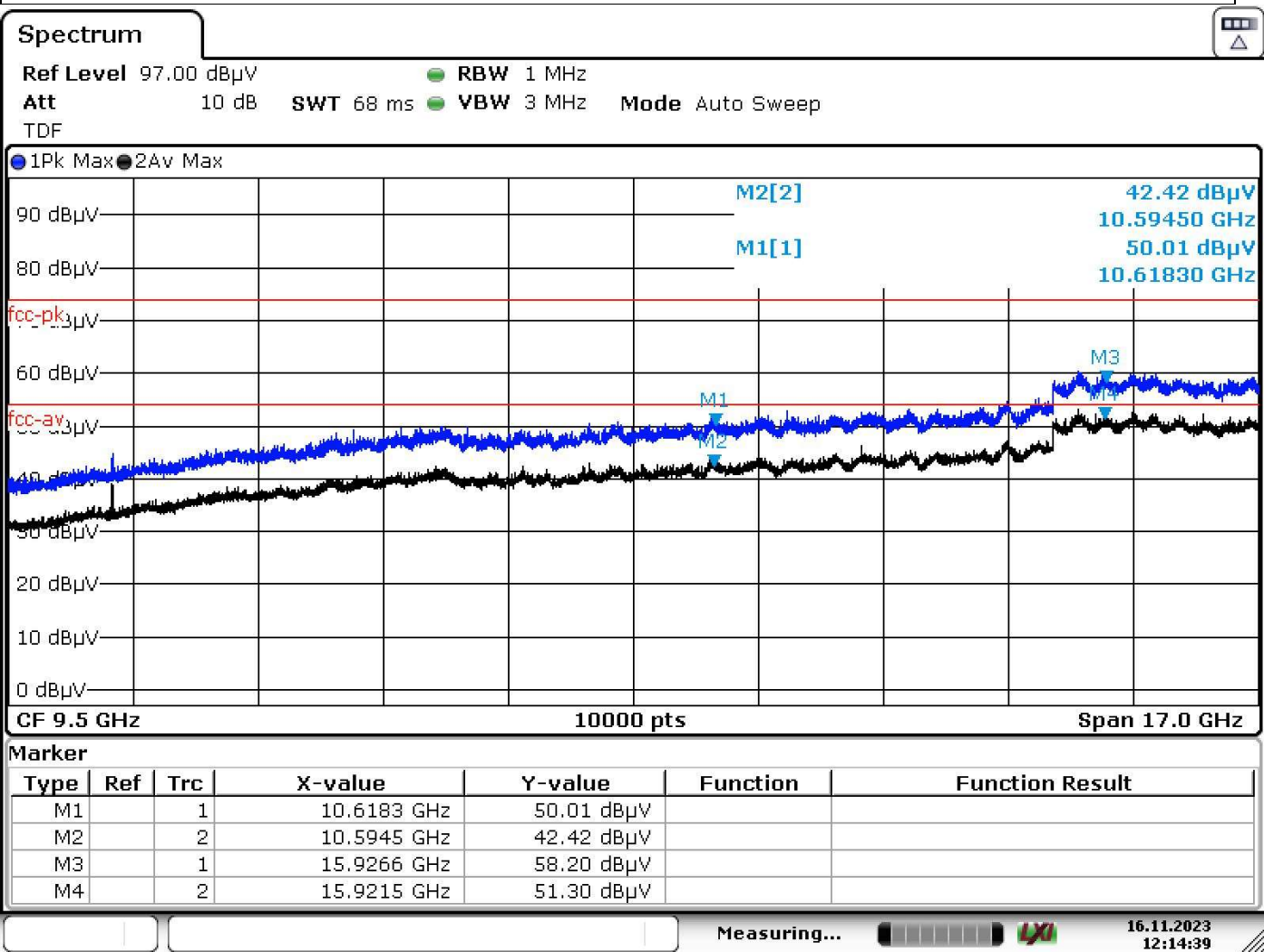
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5270MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 10:25:36

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

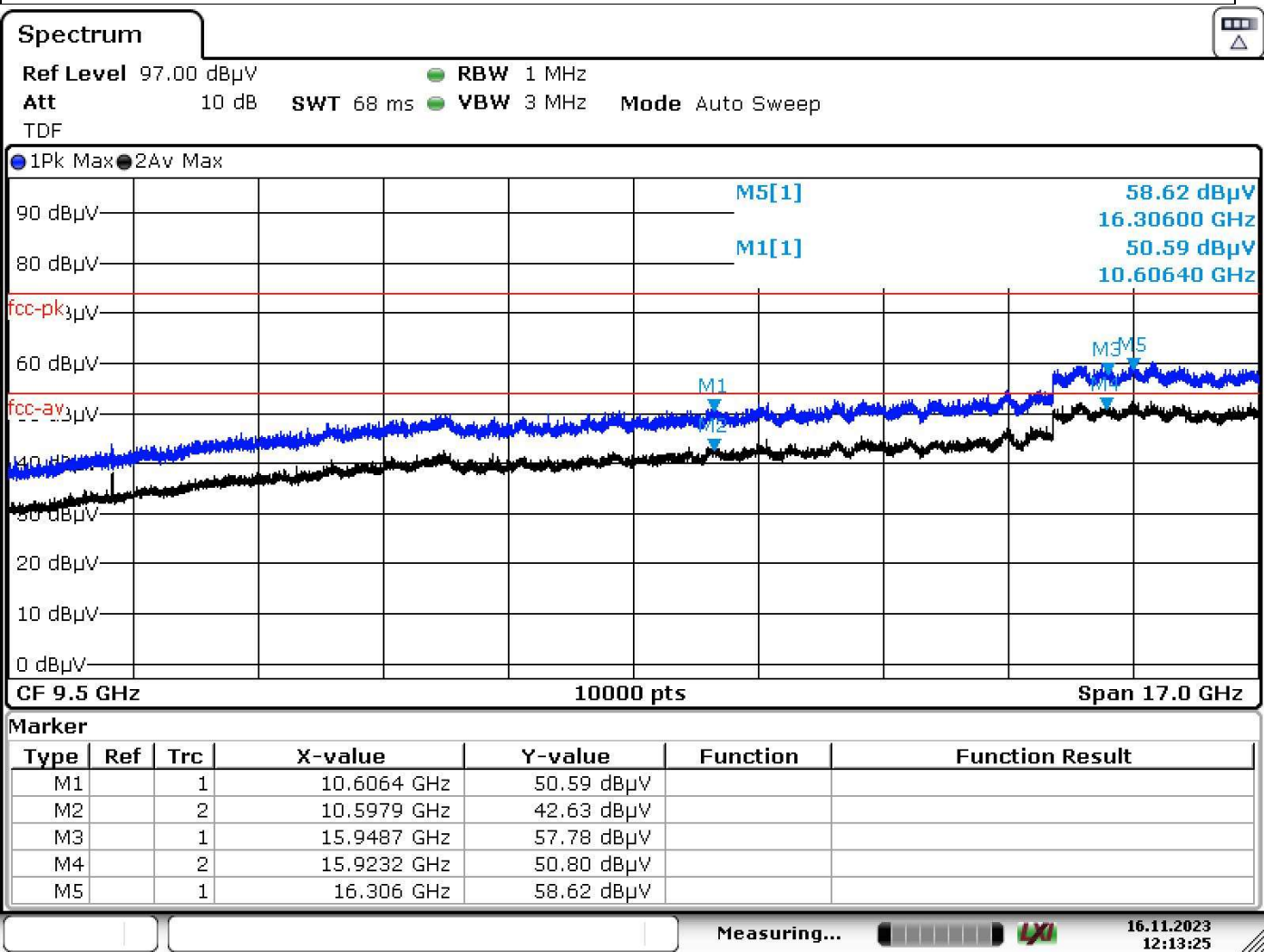
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 8 : Transmit at 5310MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:14:39

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

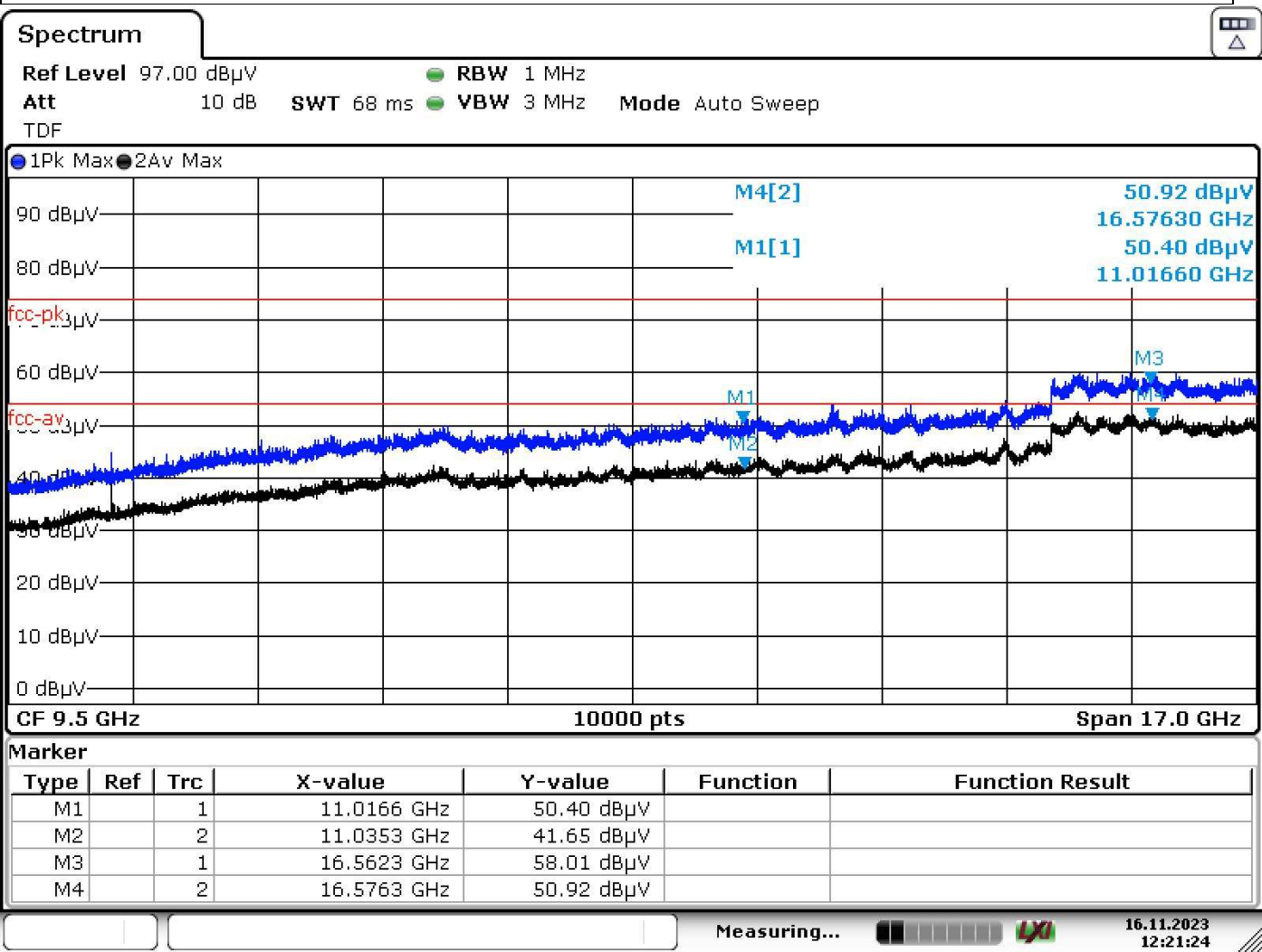
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5310MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:13:25

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

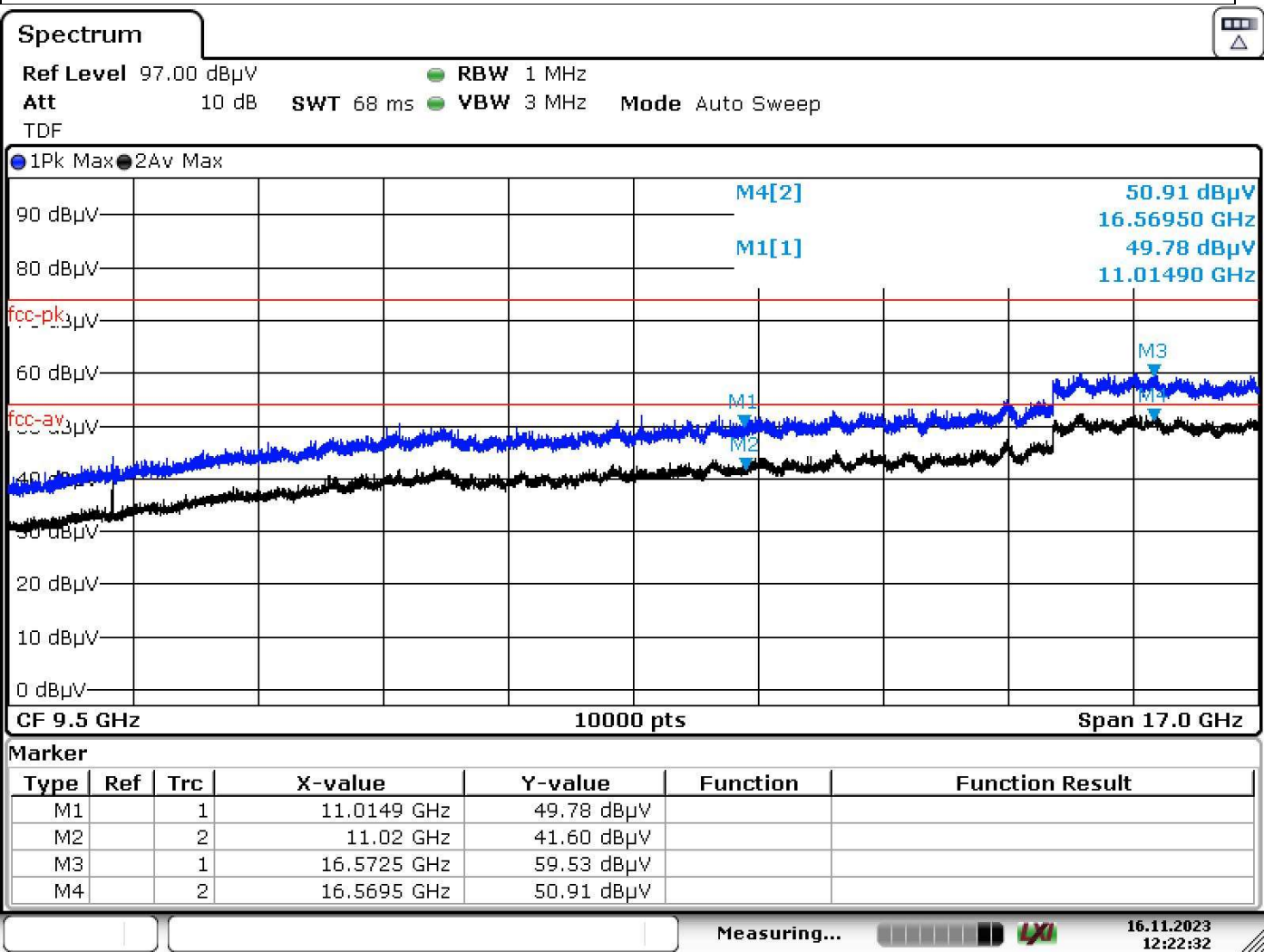
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5510MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:21:24

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

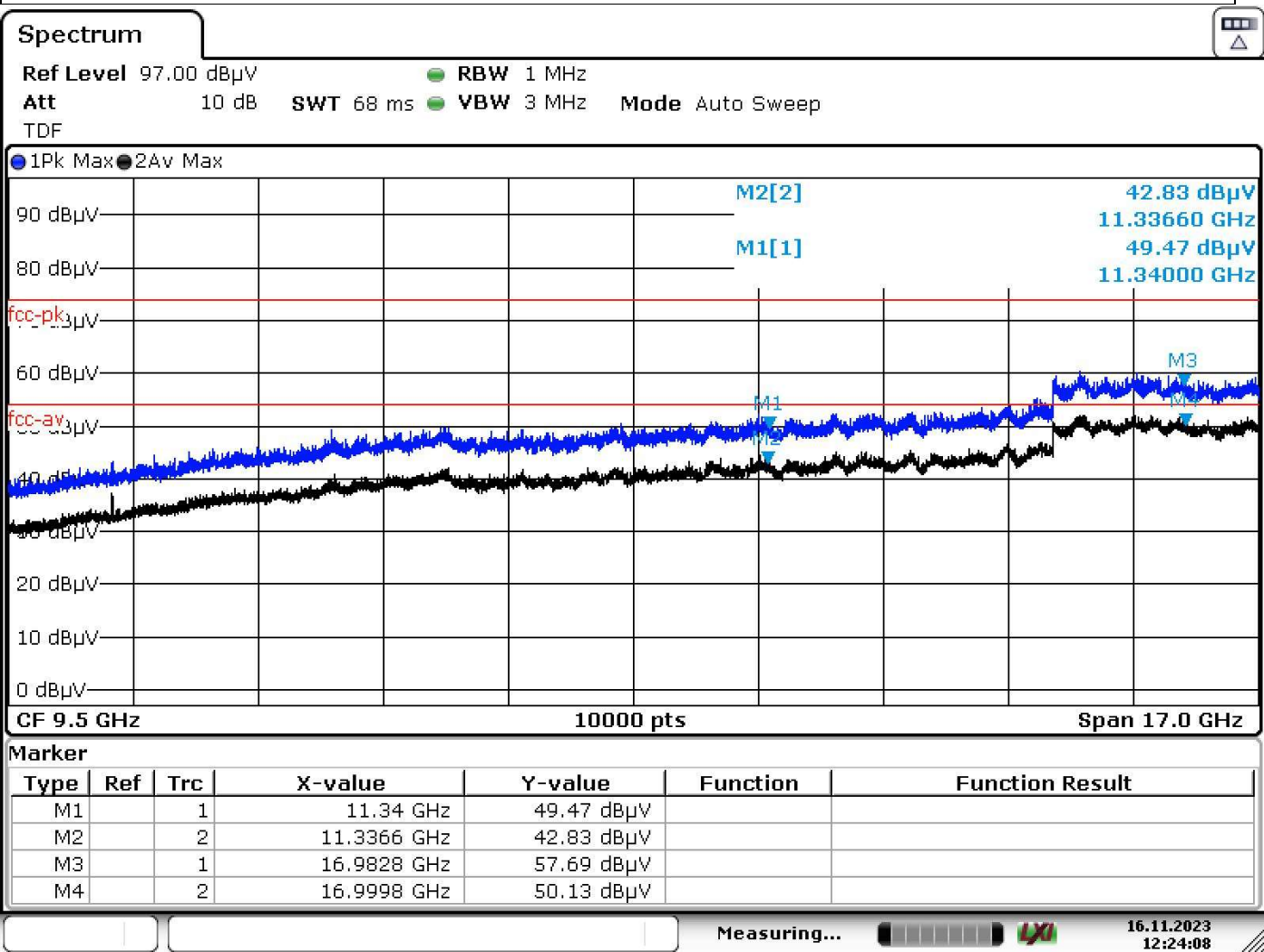
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5510MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:22:32

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

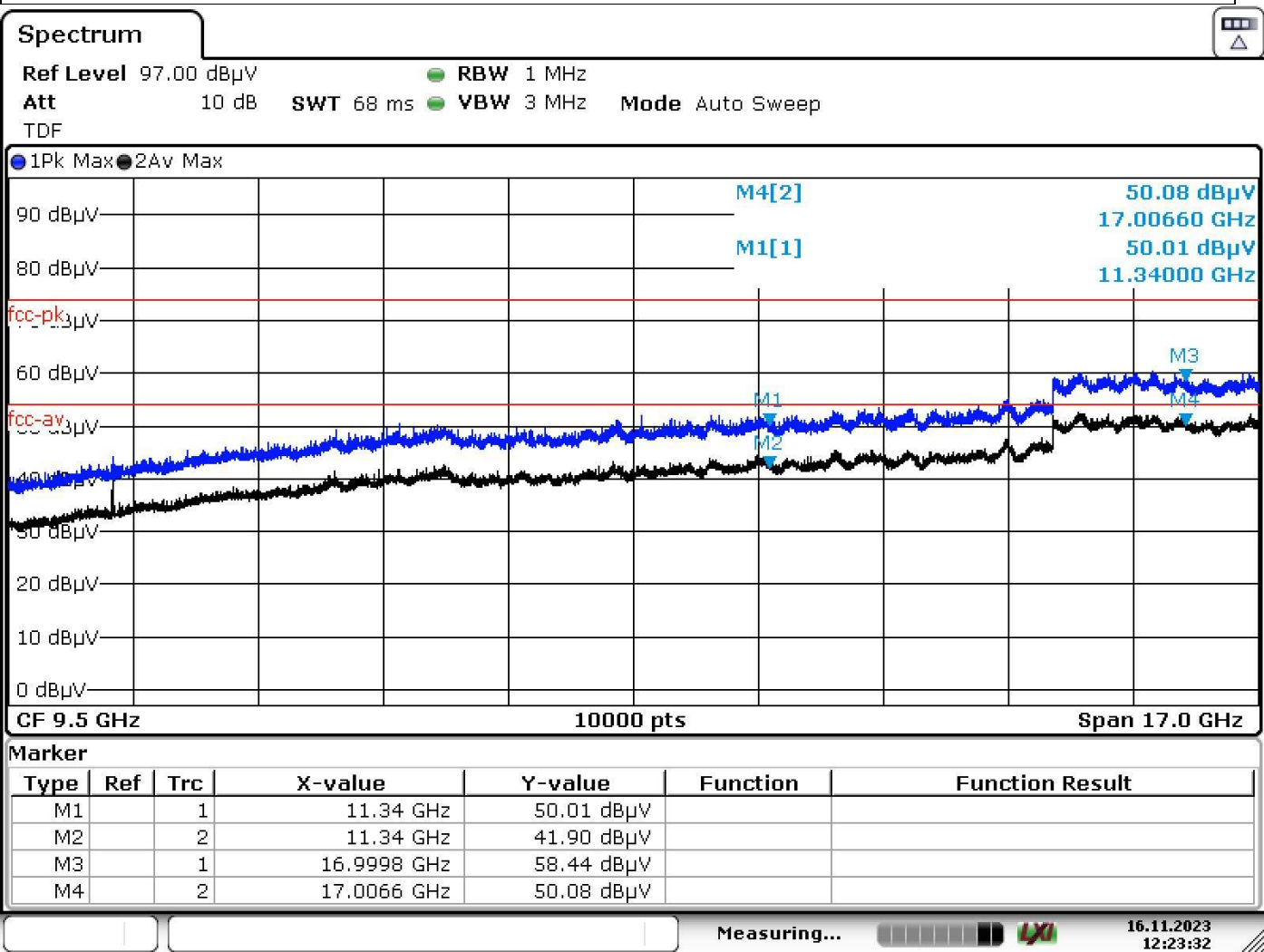
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5670MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:24:08

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

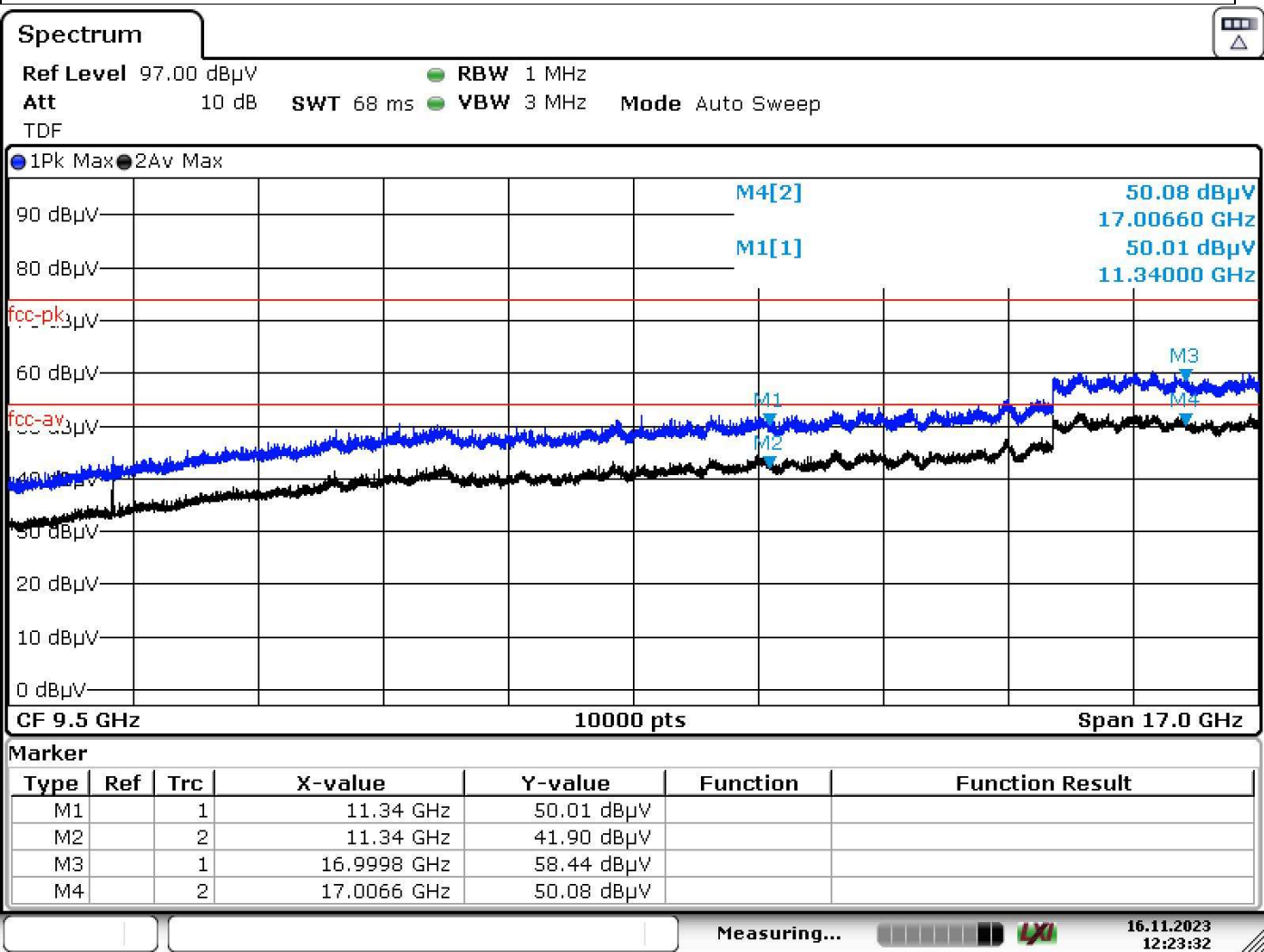
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5670MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:23:32

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

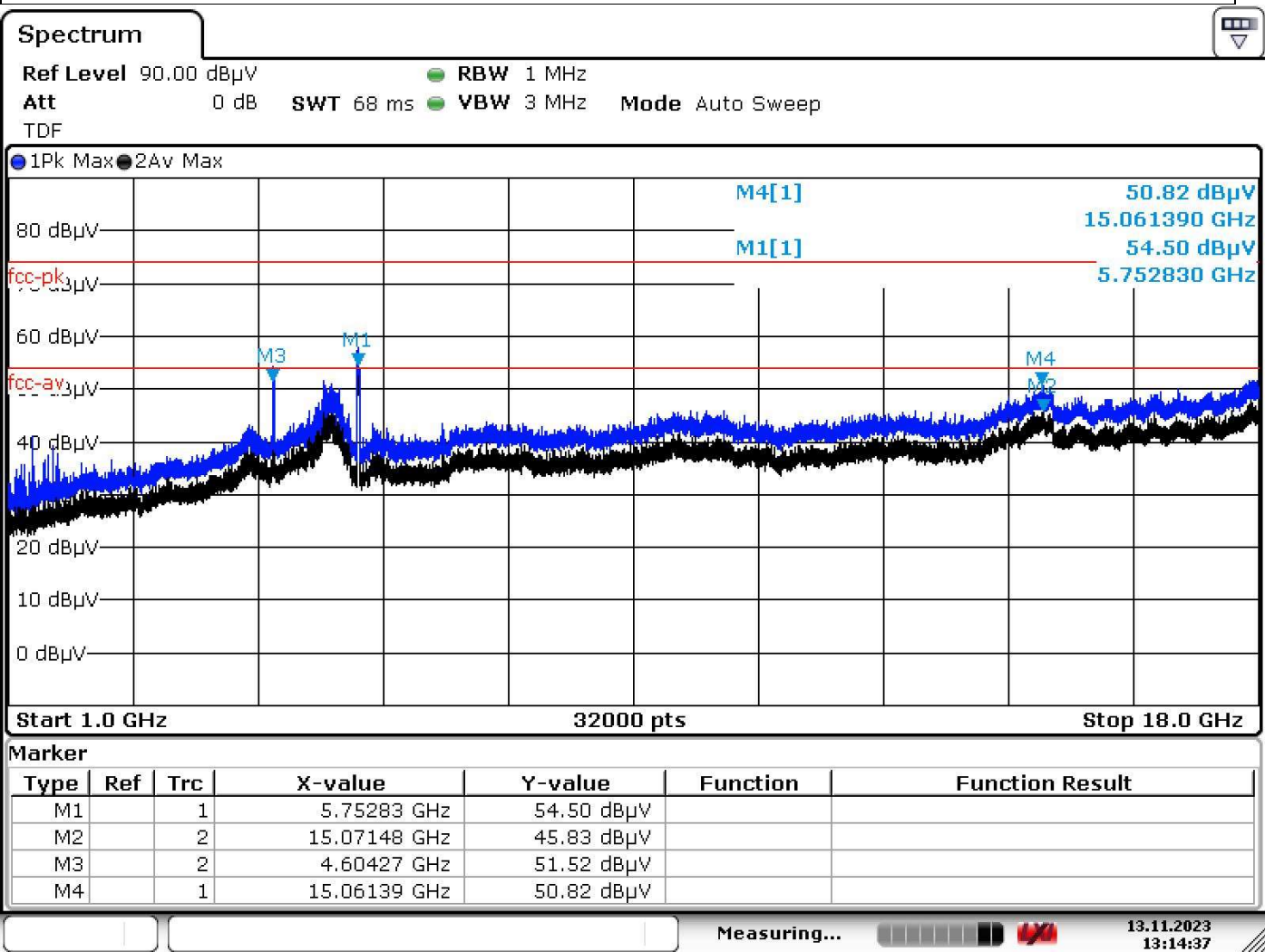
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5755MHz by 802.11ax(40MHz)	



Date: 16.NOV.2023 12:23:32

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

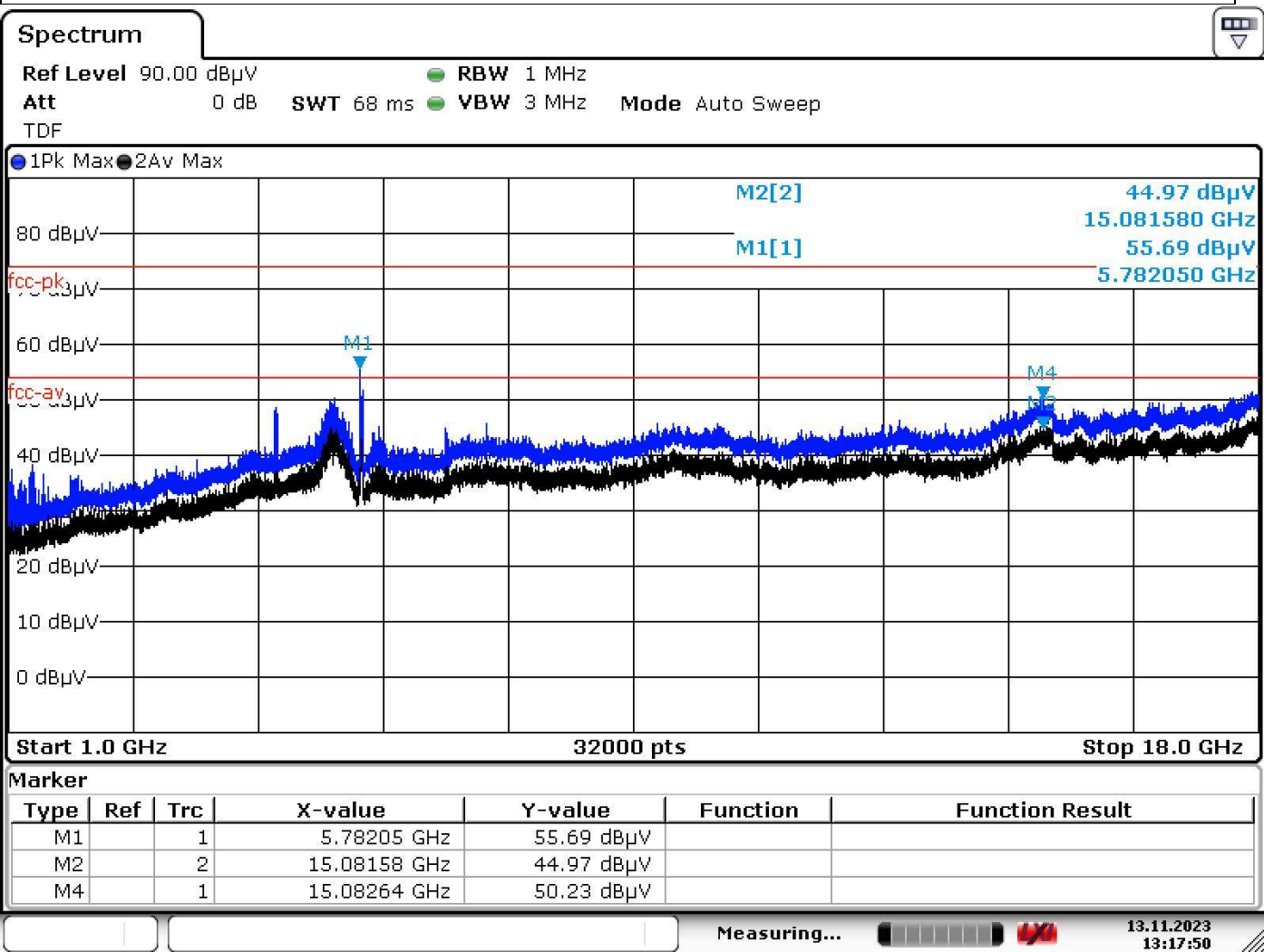
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5755MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 13:14:37

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

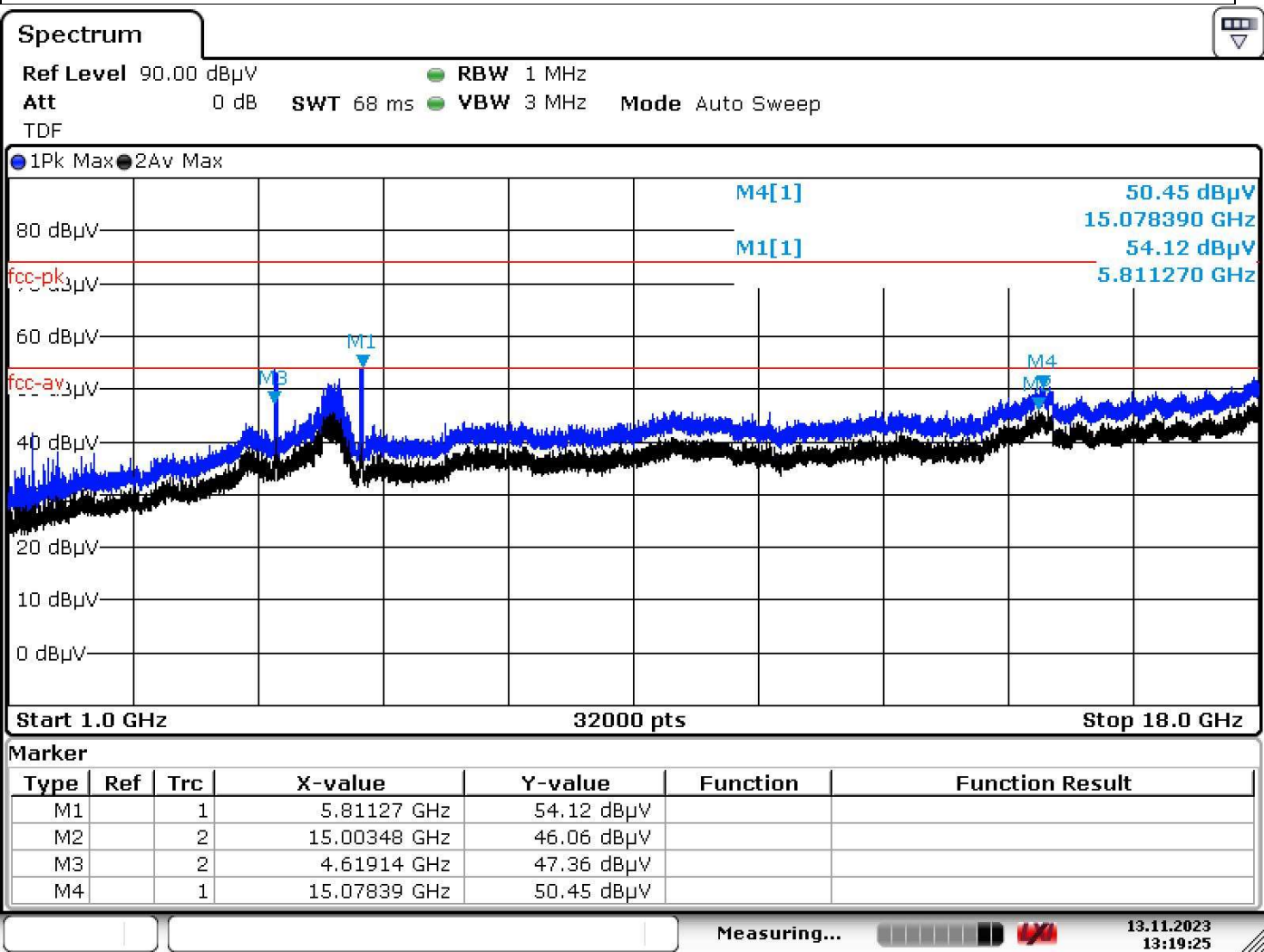
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5795MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 13:17:50

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 7 : Transmit at 5795MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 13:19:25

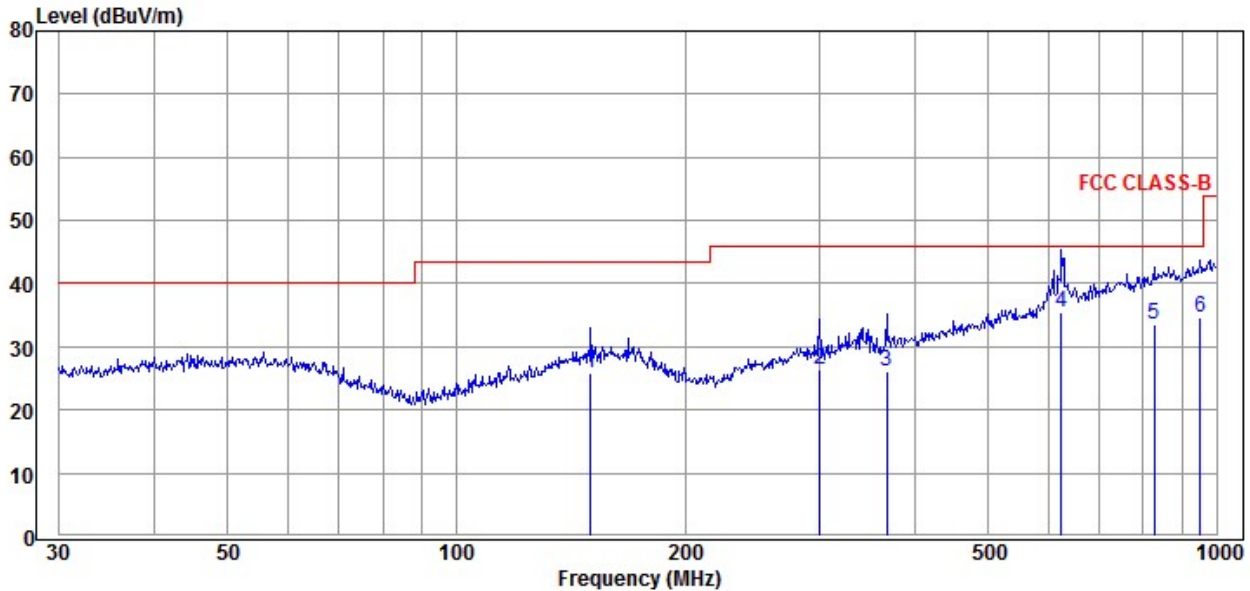
Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

- Note:
1. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
 2. The test frequency range, 18GHz~40GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

The worst case of Radiated Emission below 1GHz:

Limit: FCC_Part15.209_RE(3m)	Margin: 0
EUT: EMK401	Power: AC/DC adaptor
Note: charging mode	

Horizontal



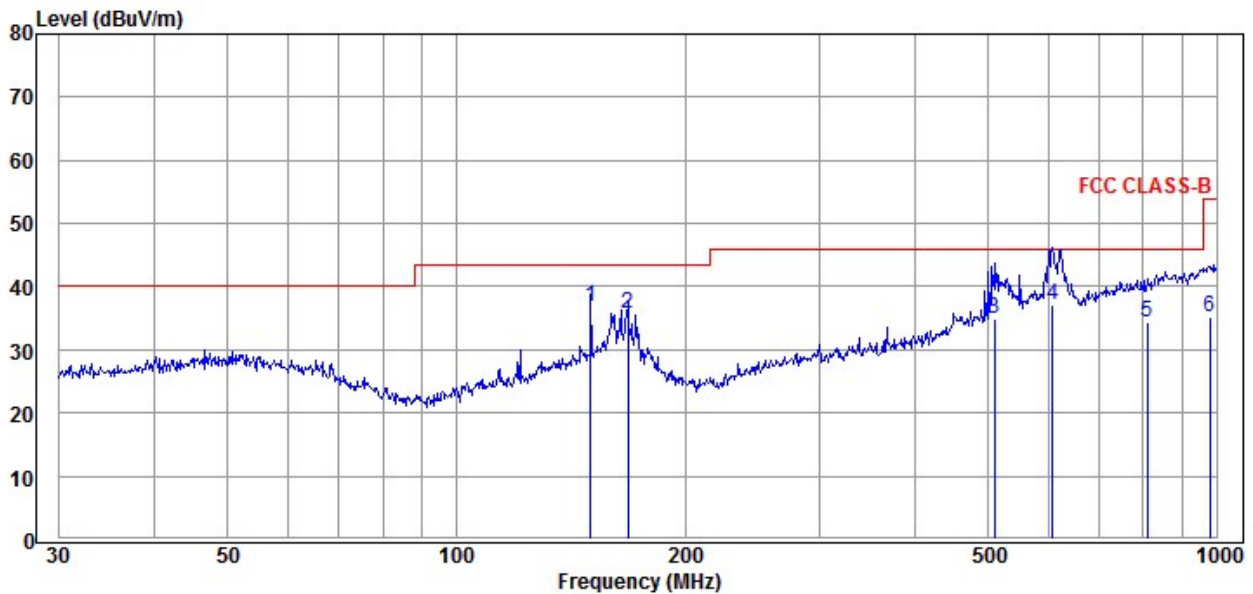
Freq (MHz)	Reading (dBuV)	C.F (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin=limit-result (dB)
150.01	11.22	14.65	25.87	43.50	17.63
300.37	11.06	15.33	26.39	46.00	19.61
368.11	9.03	17.13	26.16	46.00	19.84
625.08	11.95	23.40	35.35	46.00	10.65
827.49	6.78	26.74	33.52	46.00	12.48
952.09	6.92	27.78	34.70	46.00	11.30

Remarks:

- 1) C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
- 2) Result = Reading + C.F (Correction Factor)

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

Vertical



Freq (MHz)	Reading (dBuV)	C.F (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin=limit-result (dB)
150.01	22.22	14.65	36.87	43.50	6.63
167.82	21.15	14.59	35.74	43.50	7.76
510.04	14.19	20.65	34.84	46.00	11.16
607.79	13.51	23.55	37.06	46.00	8.94
810.27	8.37	25.97	34.34	46.00	11.66
979.18	7.01	28.19	35.20	54.00	18.80

Remarks:

- 1) C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
- 2) Result = Reading + C.F (Correction Factor)

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

Appendix C: Emission bandwidth and occupied bandwidth

Mode	CH.	Test Freq. (MHz)	26dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
1	36	5180	21.00	16.40	5171.75	Pass
	48	5240	20.70	17.50	5248.15	Pass
	52	5260	19.80	16.40	5251.75	Pass
	64	5320	20.70	16.40	5328.15	Pass
	100	5500	22.10	16.40	5491.75	Pass
	140	5700	23.10	16.41	5711.65	Pass
	149	5745	25.80	16.40	5736.55	Pass
	165	5825	33.80	16.40	5833.15	Pass
2	36	5180	21.40	17.50	5171.25	Pass
	48	5240	22.10	17.90	5248.75	Pass
	52	5260	20.90	17.50	5251.25	Pass
	64	5320	21.20	17.50	5328.75	Pass
	100	5500	22.10	17.40	5491.25	Pass
	140	5700	22.20	17.60	5708.75	Pass
	149	5745	22.10	17.80	5736.05	Pass
	165	5825	22.20	17.50	5833.75	Pass
3	38	5190	41.58	37.50	5171.37	Pass
	46	5230	40.03	37.50	5248.87	Pass
	54	5270	41.57	37.50	5251.37	Pass
	62	5310	41.73	37.50	5328.87	Pass
	102	5510	43.07	37.50	5491.12	Pass
	134	5670	44.87	37.50	5688.87	Pass
	151	5755	43.07	37.50	5736.12	Pass
	159	5795	43.07	37.50	5813.37	Pass
4	36	5180	21.30	17.50	5171.34	Pass
	48	5240	22.20	17.90	5248.56	Pass
	52	5260	20.80	17.50	5251.05	Pass
	64	5320	21.40	17.50	5328.32	Pass
	100	5500	22.20	17.40	5491.21	Pass
	140	5700	22.10	17.60	5708.50	Pass
	149	5745	22.20	17.80	5736.32	Pass
	165	5825	22.30	17.50	5833.36	Pass
5	38	5190	41.54	37.52	5171.37	Pass
	46	5230	40.02	37.52	5248.87	Pass
	54	5270	41.53	37.52	5251.37	Pass
	62	5310	41.72	37.52	5328.87	Pass
	102	5510	43.01	37.52	5491.12	Pass
	134	5670	44.80	37.52	5688.87	Pass
	151	5755	43.03	37.52	5736.12	Pass

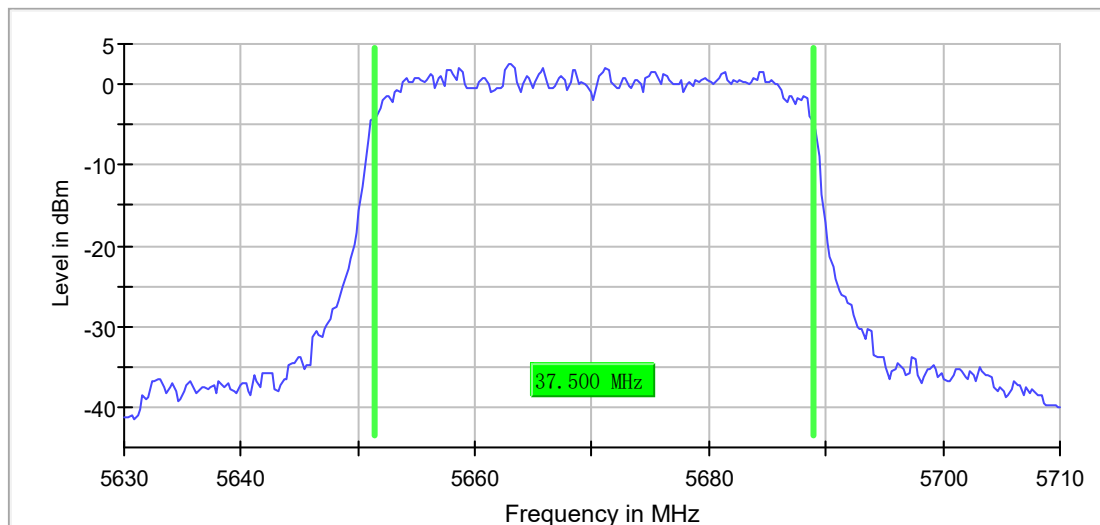
	159	5795	43.02	37.52	5813.37	Pass
6	36	5180	21.20	17.50	5171.30	Pass
	48	5240	22.20	17.50	5248.95	Pass
	52	5260	20.90	17.50	5251.48	Pass
	64	5320	21.50	17.30	5328.04	Pass
	100	5500	22.40	17.40	5491.48	Pass
	140	5700	22.20	17.50	5708.52	Pass
	149	5745	22.10	17.90	5736.57	Pass
	165	5825	22.30	17.50	5833.30	Pass
7	38	5190	41.54	37.52	5171.32	Pass
	46	5230	40.03	37.52	5248.85	Pass
	54	5270	41.52	37.52	5251.76	Pass
	62	5310	41.71	37.52	5328.47	Pass
	102	5510	43.01	37.52	5491.72	Pass
	134	5670	44.82	37.52	5688.47	Pass
	151	5755	43.03	37.52	5736.62	Pass
	159	5795	43.05	37.52	5813.07	Pass

Note 1 : The worst case of Emission Bandwidth as below:

Note 2: We have evaluated all mode, shown in the report is the worst data.

Mode 7 CH134 (5670MHz)

99 % Bandwidth



Appendix D: 6dB Emission Bandwidth

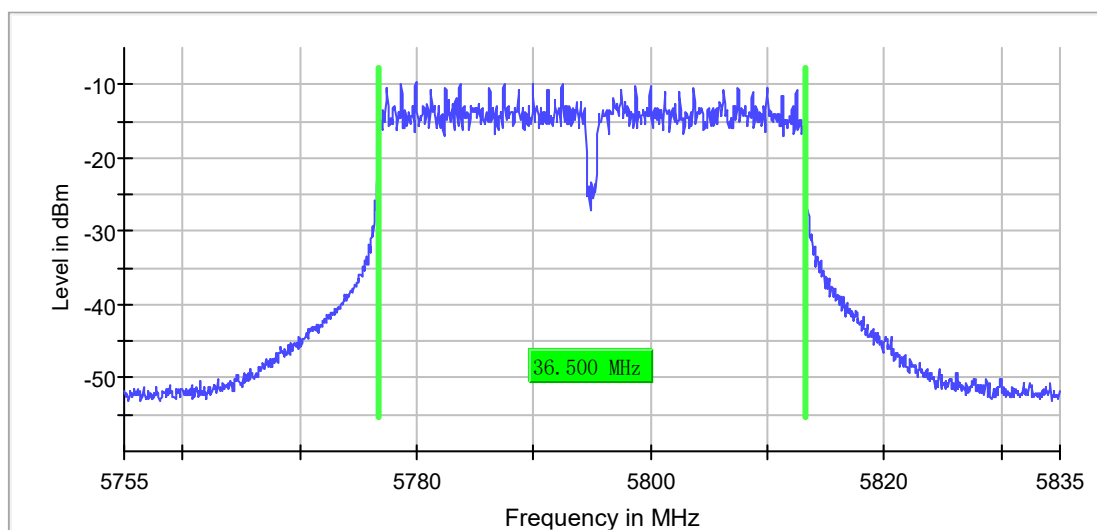
Mode	CH.	Test Freq. (MHz)	6dB Occupied Bandwidth (MHz)	Limit (kHz)	Result
1	149	5745	16.40	>500	Pass
	165	5825	16.10	>500	Pass
2	149	5745	17.80	>500	Pass
	165	5825	16.10	>500	Pass
3	151	5755	36.50	>500	Pass
	159	5795	36.50	>500	Pass
4	149	5745	17.80	>500	Pass
	165	5825	16.10	>500	Pass
5	151	5755	36.50	>500	Pass
	159	5795	36.50	>500	Pass
6	149	5745	17.80	>500	Pass
	165	5825	16.10	>500	Pass
7	151	5755	35.50	>500	Pass
	159	5795	35.50	>500	Pass

Note 1 : The worst case of Occupied Bandwidth as below:

Note 2 : We have evaluated all mode, shown in the report is the worst data.

Mode 3 CH159(5795MHz)

6 dB Bandwidth



Appendix E: Duty cycle

Test Mode	Tx On (ms)	Tx On + Tx Off (ms)	Duty Cycle
1	-	-	77.929
2	-	-	80.021
3	-	-	68.967
4	-	-	81.934
5	-	-	55.415
6	-	-	75.462
7	-	-	72.195

Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

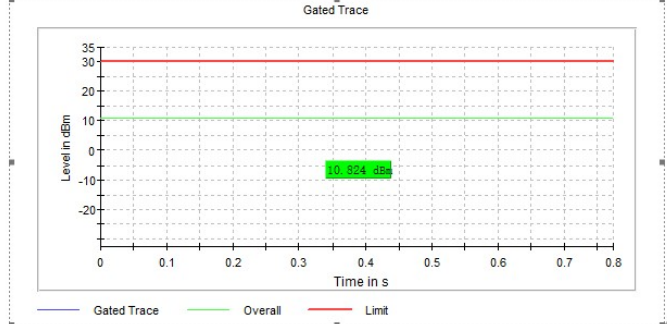
Note 2: According to KDB 789033, when test for Radiated Emission Band Edge and Radiated Emission, for average detector set: $VBW \geq 1/T$ will be used.

Mode 1

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
---------------------	-----------------	-----------------	------------------	---------------	--------

5180.000000	10.8	30.0	10.8	77.929	PASS
-------------	------	------	------	--------	------



Mode 2

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
---------------------	-----------------	-----------------	------------------	---------------	--------

5180.000000	12.9	30.0	12.9	80.021	PASS
-------------	------	------	------	--------	------

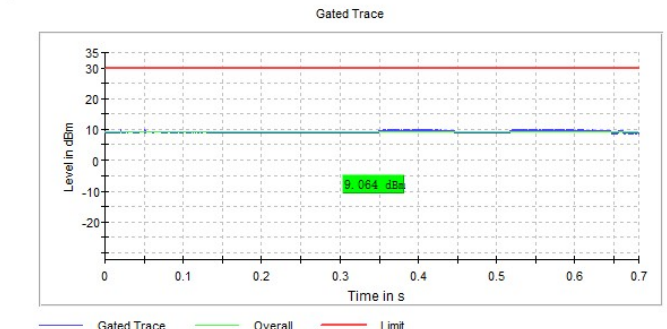


Mode 3

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
---------------------	-----------------	-----------------	------------------	---------------	--------

5190.000000	9.1	30.0	9.1	68.967	PASS
-------------	-----	------	-----	--------	------

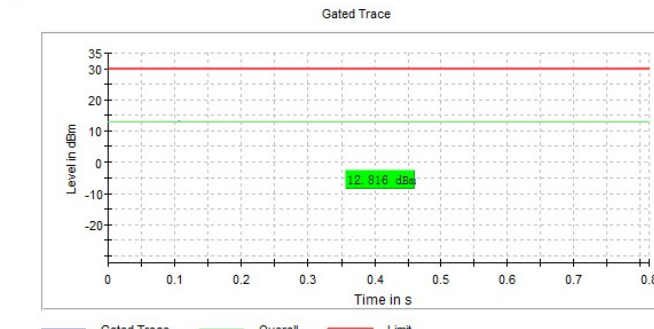


Mode 4

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
---------------------	-----------------	-----------------	------------------	---------------	--------

5180.000000	12.8	30.0	12.8	81.934	PASS
-------------	------	------	------	--------	------

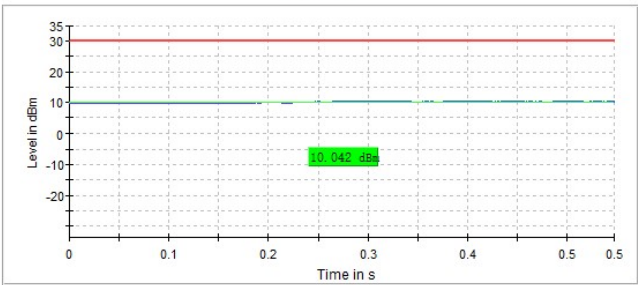


Mode 5

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	10.0	30.0	10.0	55.415	PASS

Gated Trace



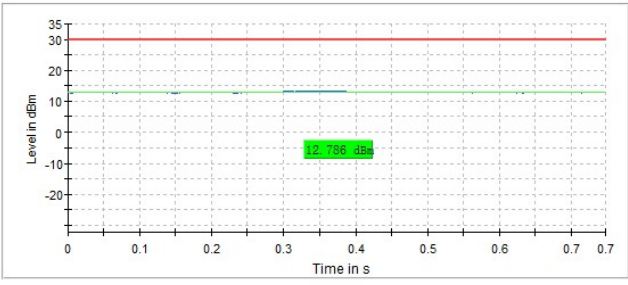
Gated Trace Overall Limit

Mode 6

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	12.8	30.0	12.8	75.462	PASS

Gated Trace



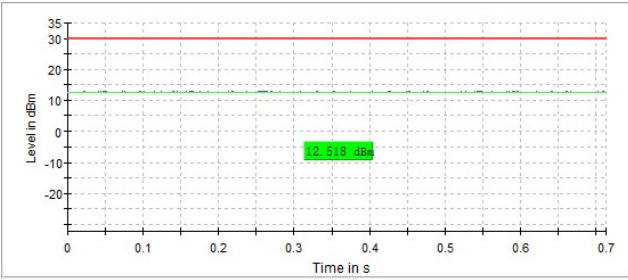
Gated Trace Overall Limit

Mode 7

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	12.5	30.0	12.5	72.195	PASS

Gated Trace



Gated Trace Overall Limit

Appendix F: Power Output

SISO:Antenna1

Mode	Channel	Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power Limit (dBm)	Result
Mode 1	36	5180	10.82	≤24	Pass
	48	5240	10.86	≤24	Pass
	52	5260	10.86	≤24	Pass
	64	5320	10.87	≤24	Pass
	100	5500	10.61	≤24	Pass
	140	5700	10.55	≤24	Pass
	149	5745	10.14	≤30	Pass
	165	5825	10.89	≤30	Pass
Mode 2	36	5180	12.92	≤24	Pass
	48	5240	12.73	≤24	Pass
	52	5260	12.05	≤24	Pass
	64	5320	12.04	≤24	Pass
	100	5500	12.63	≤24	Pass
	140	5700	12.59	≤24	Pass
	149	5745	12.84	≤30	Pass
	165	5825	12.71	≤30	Pass
Mode 3	38	5190	9.64	≤24	Pass
	46	5230	9.31	≤24	Pass
	54	5270	10.35	≤24	Pass
	62	5310	10.15	≤24	Pass
	102	5510	10.13	≤24	Pass
	134	5670	10.47	≤24	Pass
	151	5755	10.89	≤30	Pass
	159	5795	10.61	≤30	Pass

Mode 4	36	5180	12.81	≤24	Pass
	48	5240	12.72	≤24	Pass
	52	5260	12.99	≤24	Pass
	64	5320	12.94	≤24	Pass
	100	5500	12.56	≤24	Pass
	140	5700	12.60	≤24	Pass
	149	5745	12.97	≤30	Pass
	165	5825	12.85	≤30	Pass
Mode 5	38	5190	10.04	≤24	Pass
	46	5230	10.83	≤24	Pass
	54	5270	10.25	≤24	Pass
	62	5310	10.40	≤24	Pass
	102	5510	10.38	≤24	Pass
	134	5670	10.34	≤24	Pass
	151	5755	10.98	≤30	Pass
	159	5795	10.71	≤30	Pass
Mode 6	36	5180	12.78	≤24	Pass
	48	5240	12.79	≤24	Pass
	52	5260	12.02	≤24	Pass
	64	5320	12.00	≤24	Pass
	100	5500	12.70	≤24	Pass
	140	5700	12.65	≤24	Pass
	149	5745	12.21	≤30	Pass
	165	5825	12.95	≤30	Pass
Mode 7	38	5190	12.81	≤24	Pass
	46	5230	12.92	≤24	Pass
	54	5270	12.32	≤24	Pass
	62	5310	12.41	≤24	Pass
	102	5510	12.42	≤24	Pass
	134	5670	12.21	≤24	Pass
	151	5755	12.86	≤30	Pass
	159	5795	12.15	≤30	Pass

Appendix G: Maximum Power Spectral Density

SISO: Worst test data Antenna1

TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz or kHz(note 1)]	Verdict
Mode1	5180	0.14	≤11.00	PASS
	5240	1.23	≤11.00	PASS
	5260	3.02	≤11.00	PASS
	5320	0.29	≤11.00	PASS
	5500	-3.19	≤11.00	PASS
	5700	-3.14	≤11.00	PASS
	5745	-3.04	≤30.00	PASS
	5825	-6.11	≤30.00	PASS
Mode2	5180	1.49	≤11.00	PASS
	5240	1.53	≤11.00	PASS
	5260	2.94	≤11.00	PASS
	5320	0.26	≤11.00	PASS
	5500	-3.22	≤11.00	PASS
	5700	-3.17	≤11.00	PASS
	5745	-6.80	≤30.00	PASS
	5825	-6.10	≤30.00	PASS
Mode3	5190	-3.57	≤11.00	PASS
	5230	-4.75	≤11.00	PASS
	5270	-2.47	≤11.00	PASS
	5310	-4.14	≤11.00	PASS
	5510	-4.80	≤11.00	PASS
	5670	-6.40	≤11.00	PASS
	5755	-11.48	≤30.00	PASS
	5795	-10.07	≤30.00	PASS
Mode4	5180	2.18	≤11.00	PASS
	5240	1.44	≤11.00	PASS
	5260	3.37	≤11.00	PASS
	5320	0.40	≤11.00	PASS
	5500	-1.81	≤11.00	PASS
	5700	-2.80	≤11.00	PASS
	5745	-5.58	≤30.00	PASS
	5825	-5.62	≤30.00	PASS

Mode5	5190	-3.90	≤11.00	PASS
	5230	-4.93	≤11.00	PASS
	5270	-3.87	≤11.00	PASS
	5310	-4.15	≤11.00	PASS
	5510	-5.35	≤11.00	PASS
	5670	-7.55	≤11.00	PASS
	5755	-8.58	≤30.00	PASS
	5795	-9.65	≤30.00	PASS
Mode6	5180	1.47	≤11.00	PASS
	5240	2.19	≤11.00	PASS
	5260	2.59	≤11.00	PASS
	5320	2.89	≤11.00	PASS
	5500	0.77	≤11.00	PASS
	5700	0.23	≤11.00	PASS
	5745	-1.43	≤30.00	PASS
	5825	-2.18	≤30.00	PASS
Mode7	5190	-1.25	≤11.00	PASS
	5230	-1.70	≤11.00	PASS
	5270	-0.88	≤11.00	PASS
	5310	-0.45	≤11.00	PASS
	5510	-2.37	≤11.00	PASS
	5670	-3.07	≤11.00	PASS
	5755	-4.93	≤30.00	PASS
	5795	-5.76	≤30.00	PASS

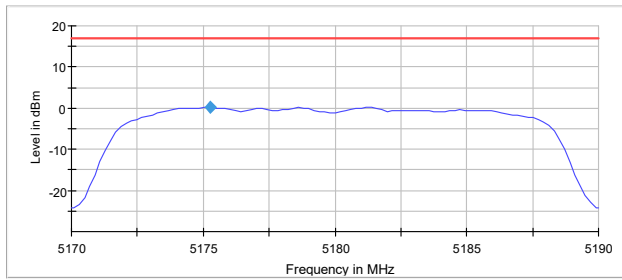
Note :

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. We have evaluated all mode, shown in the report is the worst data.

Mode 1:

CH36(5180MHz)

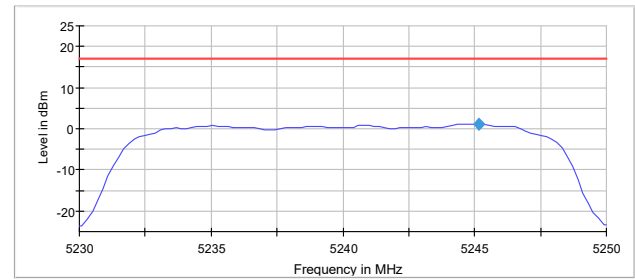
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH48(5240MHz)

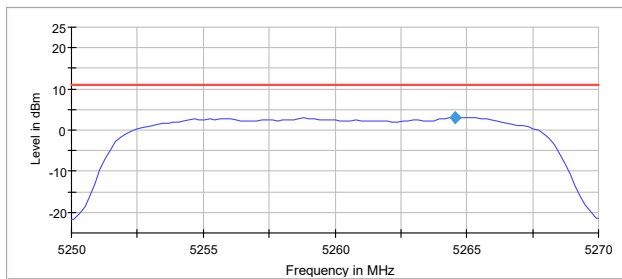
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH52(5260MHz)

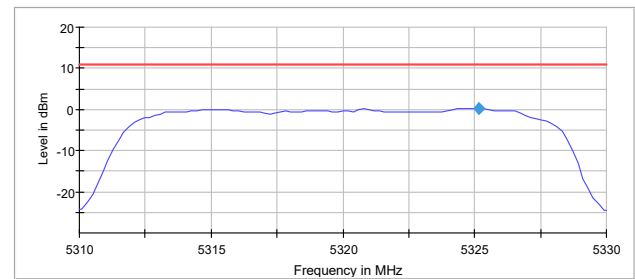
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH64(5320MHz)

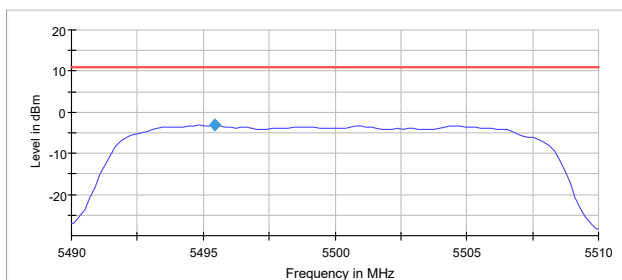
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH100(5500MHz)

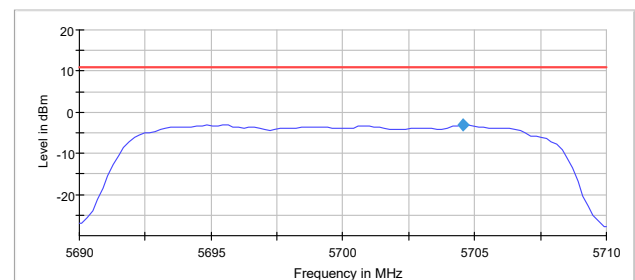
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH140(5700MHz)

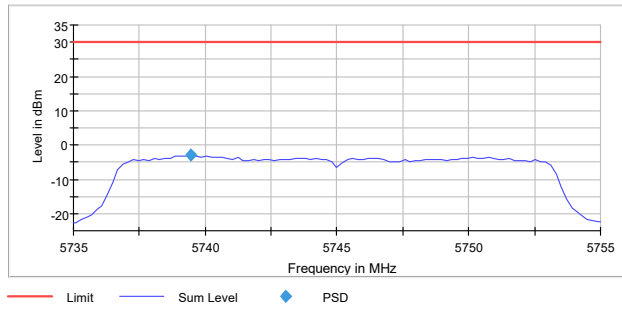
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

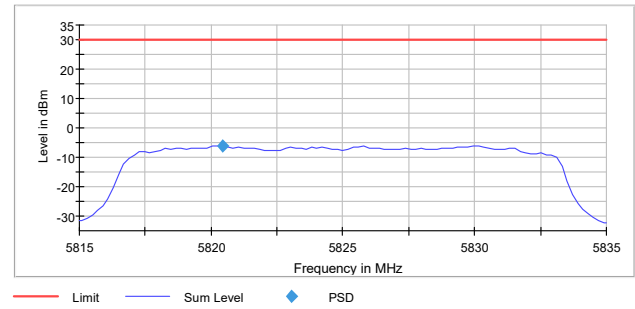
CH149(5745MHz)

Power Spectral Density (SA-3)



CH165(5825MHz)

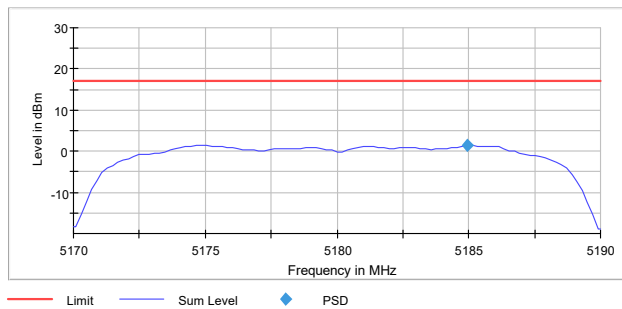
Power Spectral Density (SA-3)



Mode 2:

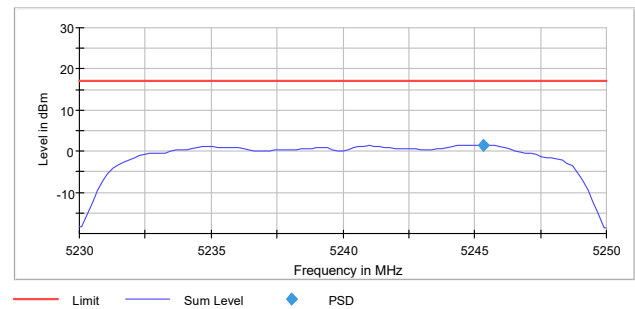
CH36(5180MHz)

Power Spectral Density (SA-3)



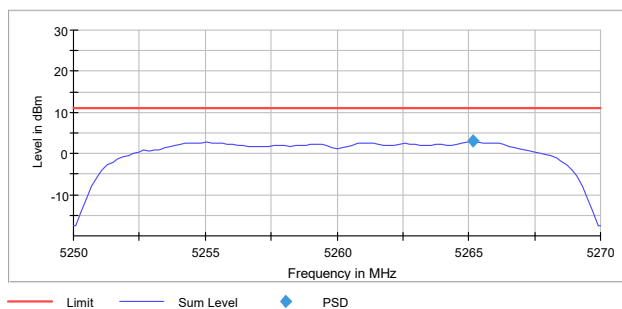
CH48(5240MHz)

Power Spectral Density (SA-3)



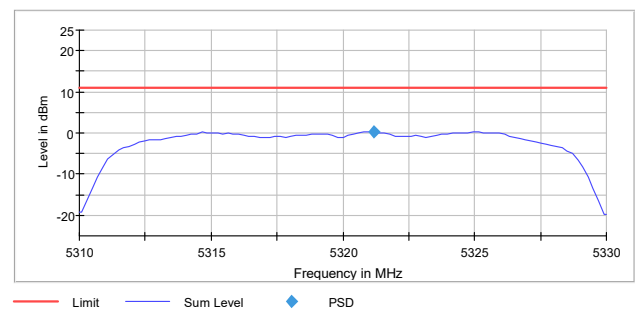
CH52(5260MHz)

Power Spectral Density (SA-3)



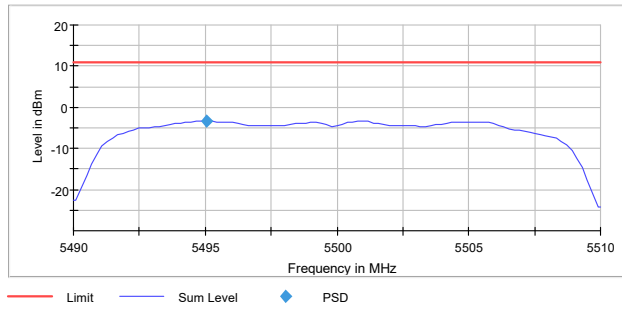
CH64(5320MHz)

Power Spectral Density (SA-3)



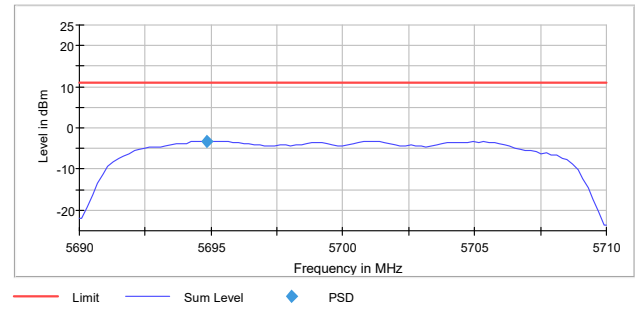
CH100(5500MHz)

Power Spectral Density (SA-3)



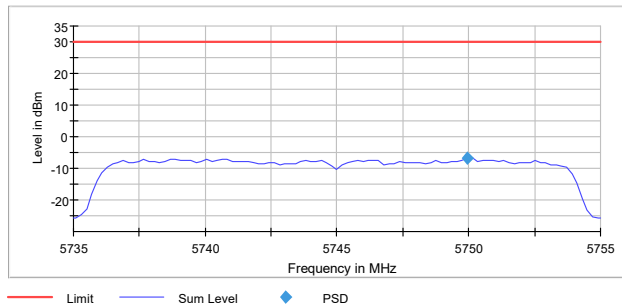
CH140(5700MHz)

Power Spectral Density (SA-3)



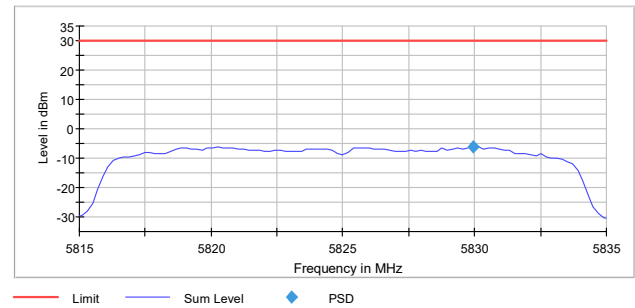
CH149(5745MHz)

Power Spectral Density (SA-3)



CH165(5825MHz)

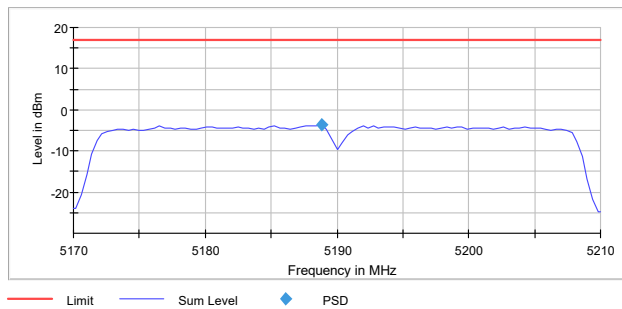
Power Spectral Density (SA-3)



Mode 3:

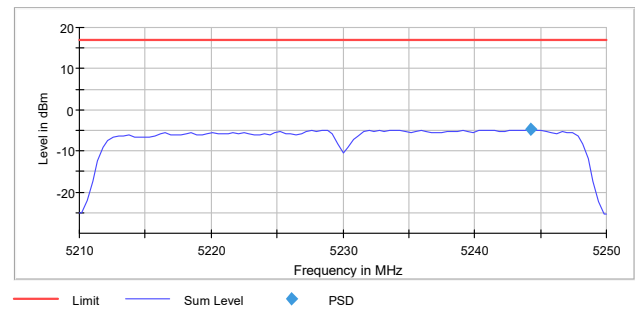
CH38(5190MHz)

Power Spectral Density (SA-3)



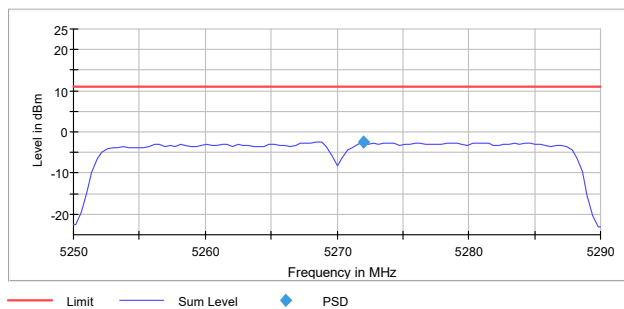
CH46(5230MHz)

Power Spectral Density (SA-3)



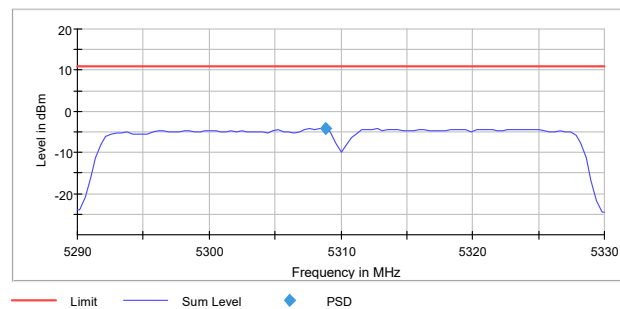
CH54(5270MHz)

Power Spectral Density (SA-3)



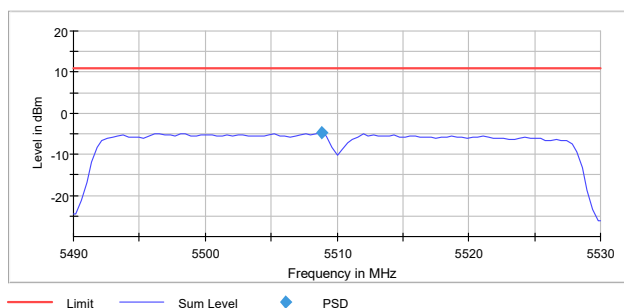
CH62(5310MHz)

Power Spectral Density (SA-3)



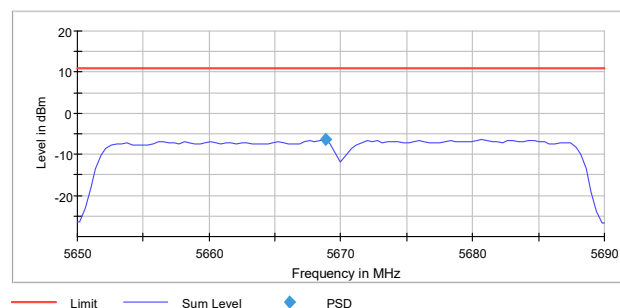
CH102(5510MHz)

Power Spectral Density (SA-3)



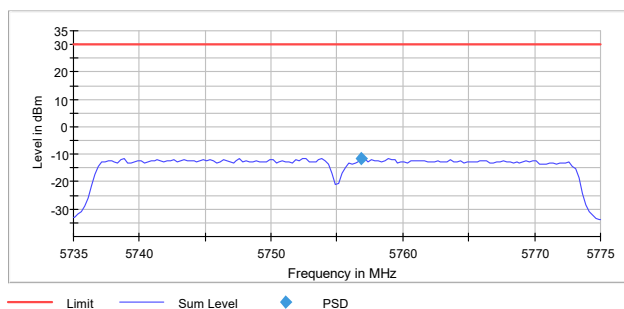
CH134(5670MHz)

Power Spectral Density (SA-3)



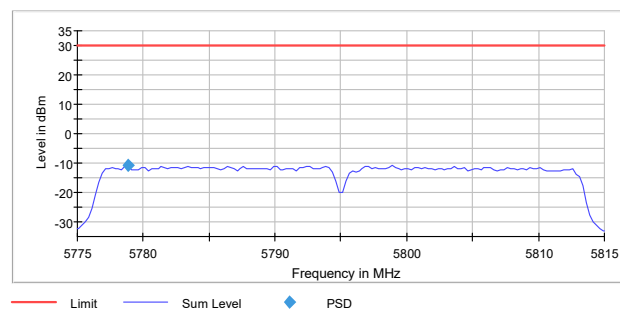
CH151(5755MHz)

Power Spectral Density (SA-3)



CH159(5795MHz)

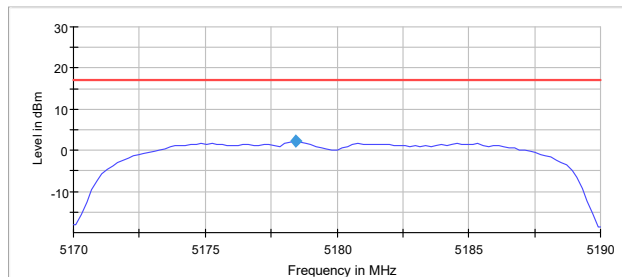
Power Spectral Density (SA-3)



Mode 4:

CH36(5180MHz)

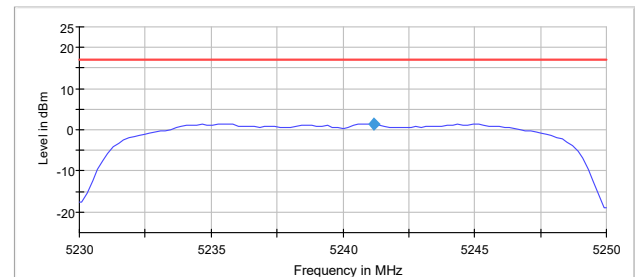
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH48(5240MHz)

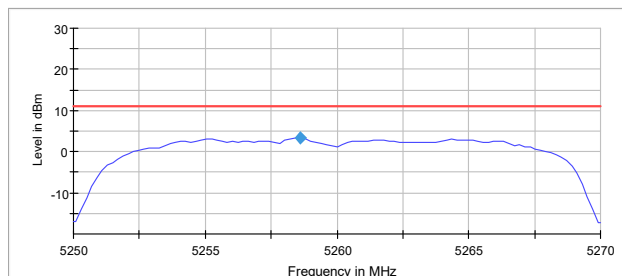
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH52(5260MHz)

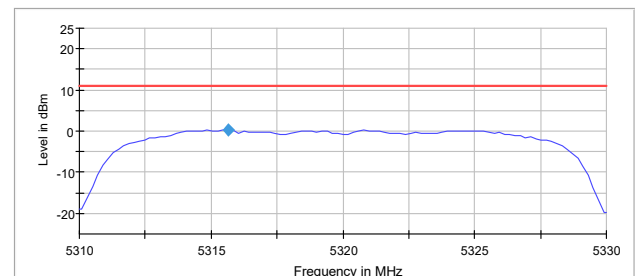
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH64(5320MHz)

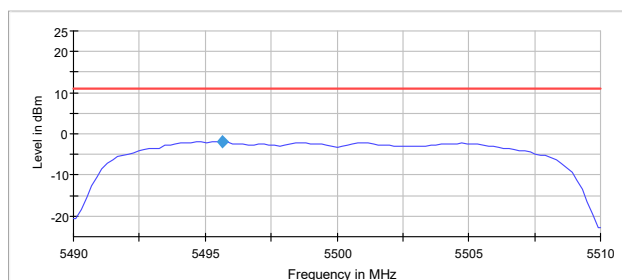
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH100(5500MHz)

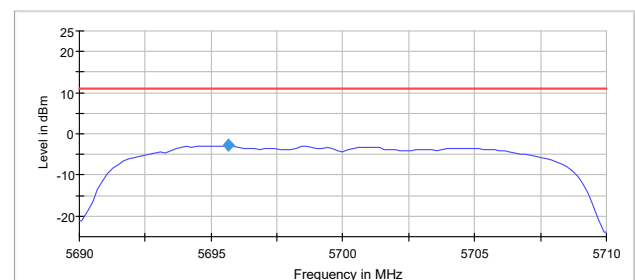
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH140(5700MHz)

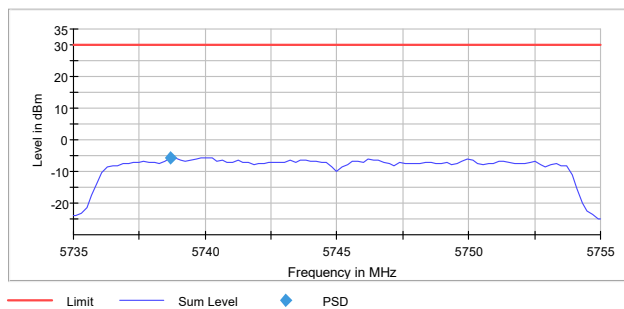
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

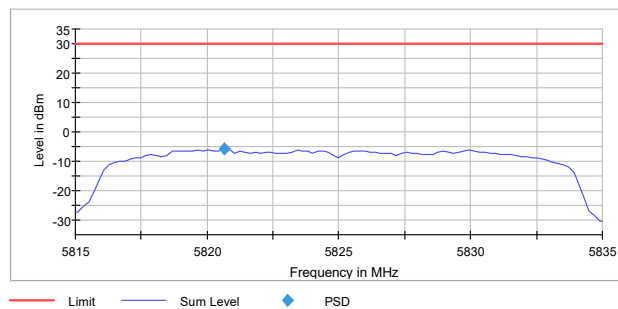
CH149(5745MHz)

Power Spectral Density (SA-3)



CH165(5825MHz)

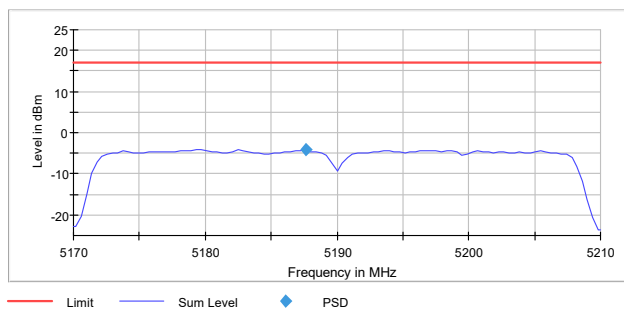
Power Spectral Density (SA-3)



Mode 5:

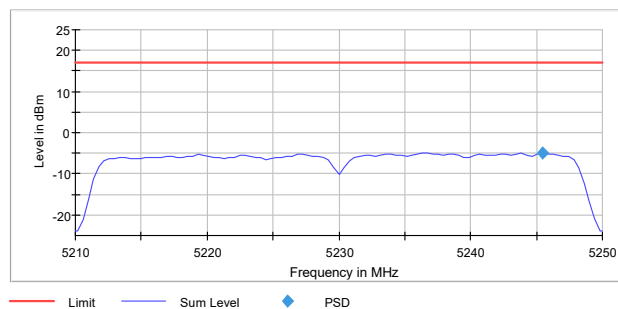
CH38(5190MHz)

Power Spectral Density (SA-3)



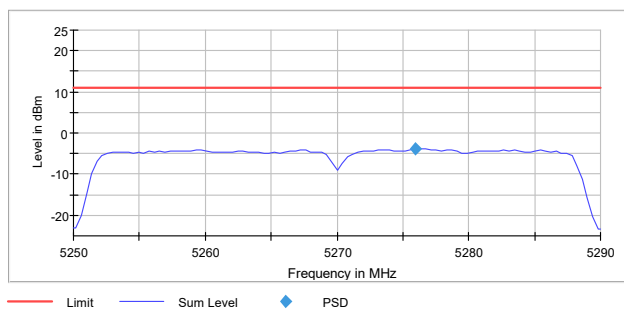
CH46(5230MHz)

Power Spectral Density (SA-3)



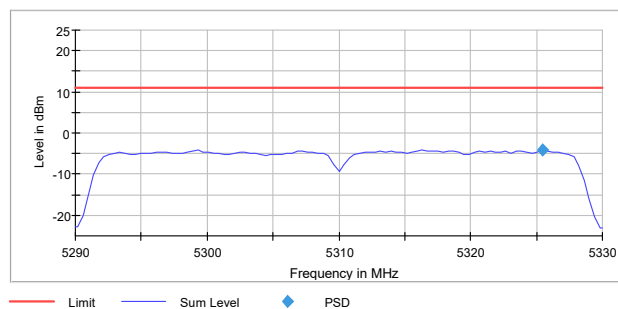
CH54(5270MHz)

Power Spectral Density (SA-3)



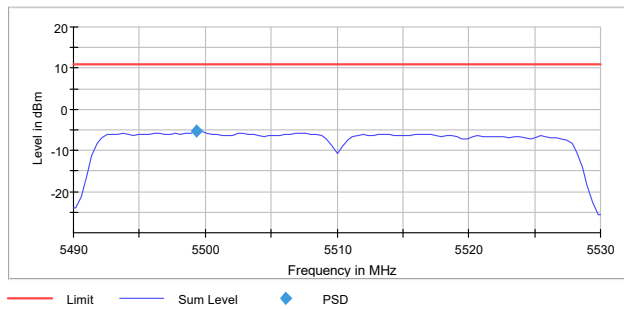
CH62(5310MHz)

Power Spectral Density (SA-3)



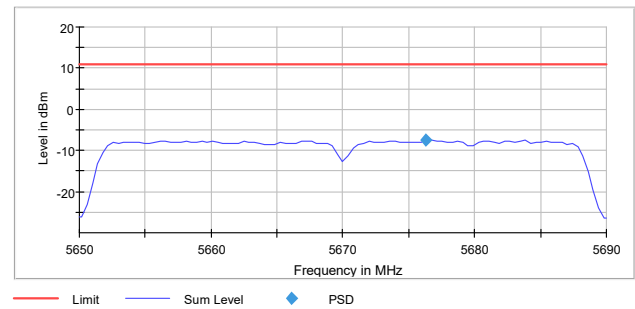
CH102(5510MHz)

Power Spectral Density (SA-3)



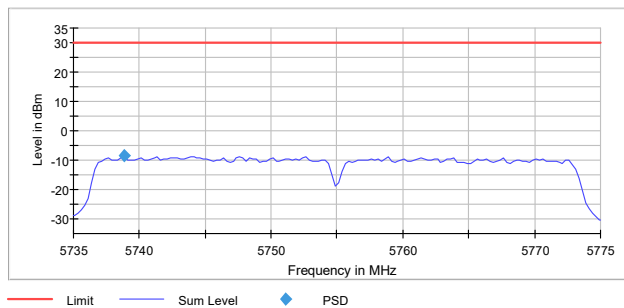
CH134(5670MHz)

Power Spectral Density (SA-3)



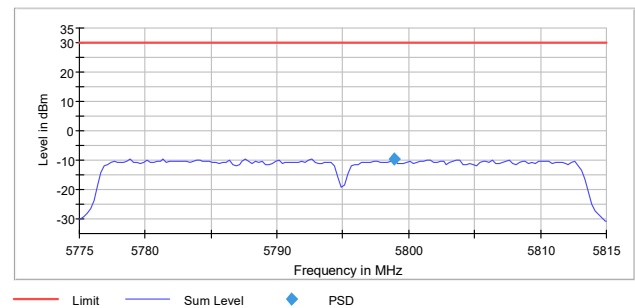
CH151(5755MHz)

Power Spectral Density (SA-3)



CH159(5795MHz)

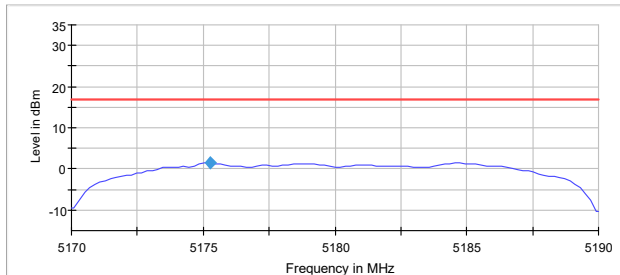
Power Spectral Density (SA-3)



Mode 6:

CH36(5180MHz)

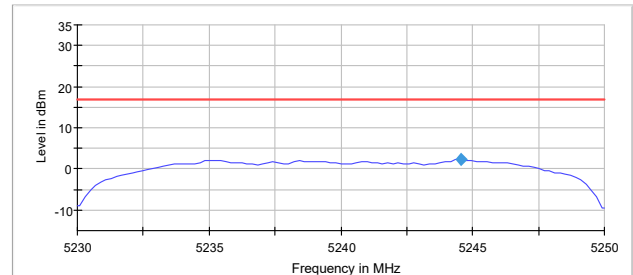
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH48(5240MHz)

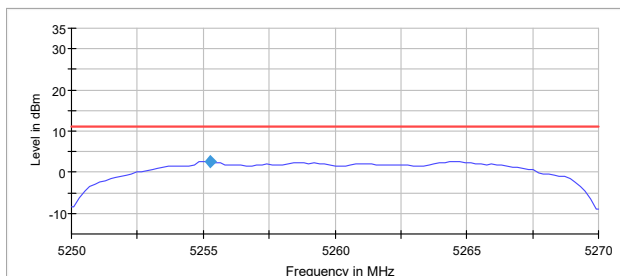
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH52(5260MHz)

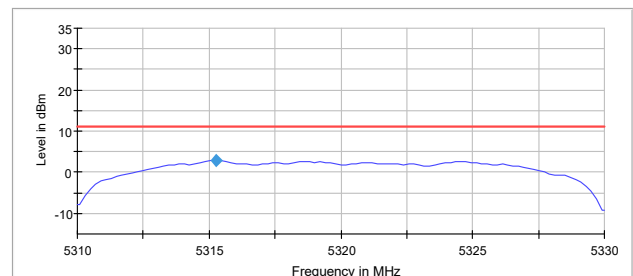
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH64(5320MHz)

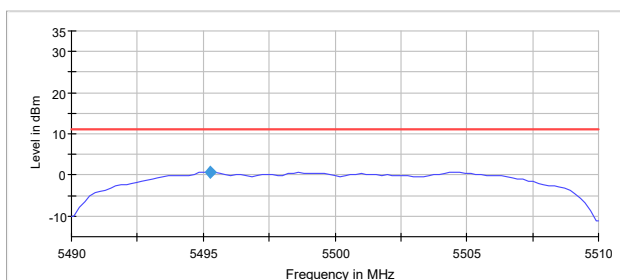
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH100(5500MHz)

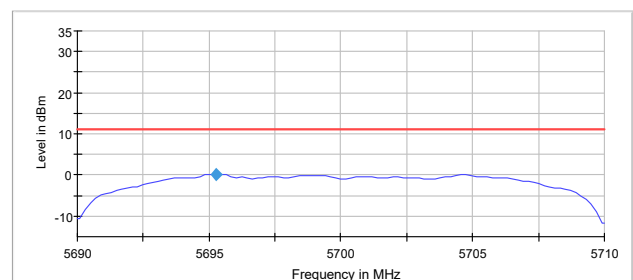
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

CH140(5700MHz)

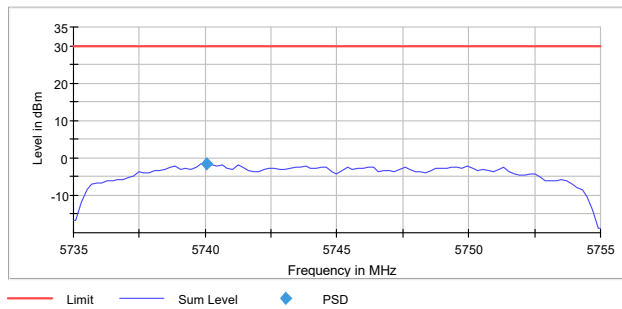
Power Spectral Density (SA-3)



— Limit — Sum Level ◆ PSD

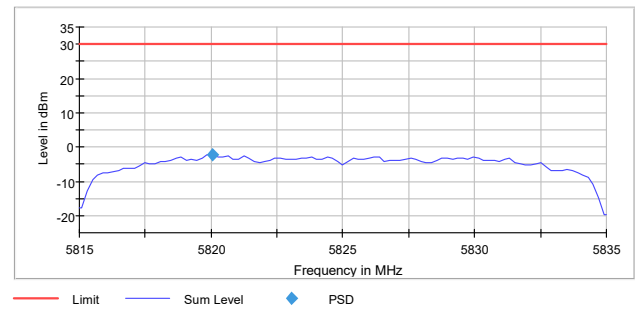
CH149(5745MHz)

Power Spectral Density (SA-3)



CH165(5825MHz)

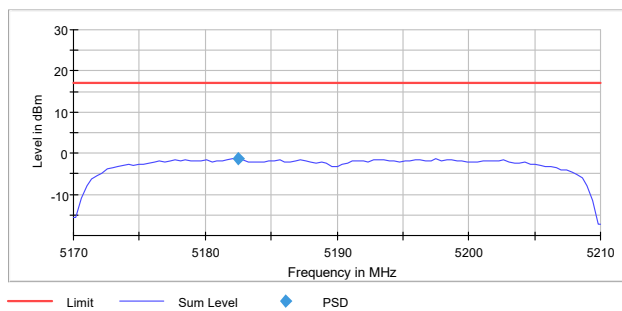
Power Spectral Density (SA-3)



Mode 7:

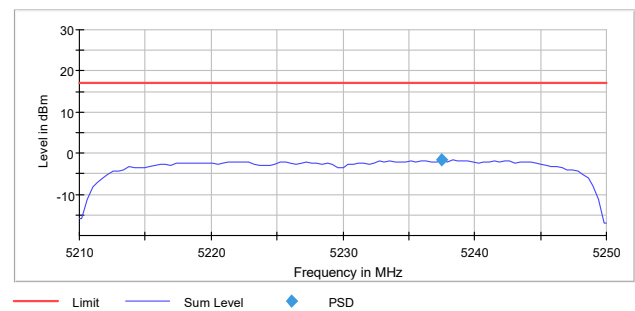
CH38(5190MHz)

Power Spectral Density (SA-3)



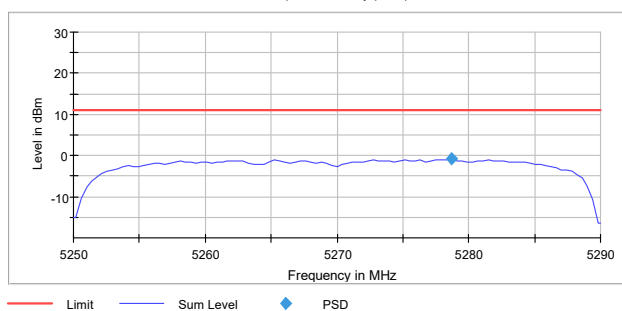
CH46(5230MHz)

Power Spectral Density (SA-3)



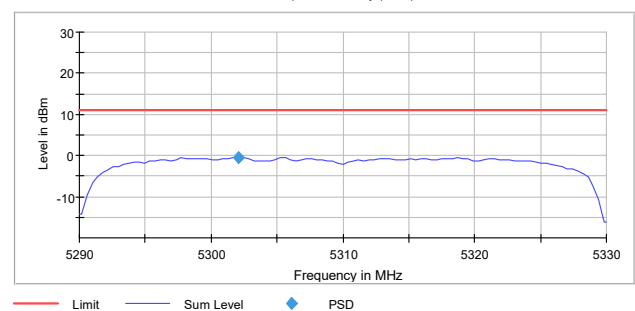
CH54(5270MHz)

Power Spectral Density (SA-3)



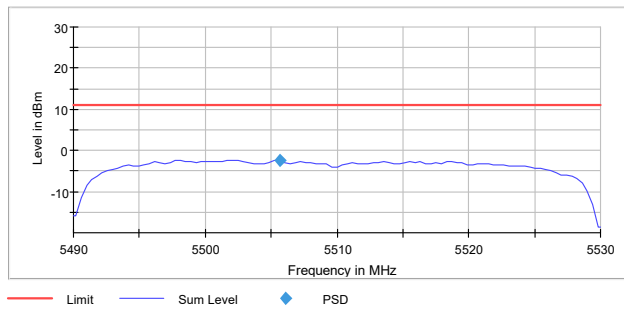
CH62(5310MHz)

Power Spectral Density (SA-3)



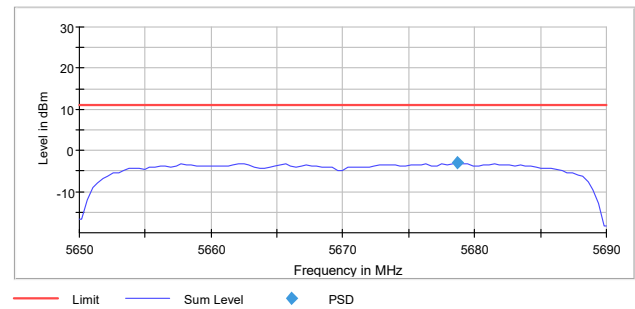
CH102(5510MHz)

Power Spectral Density (SA-3)



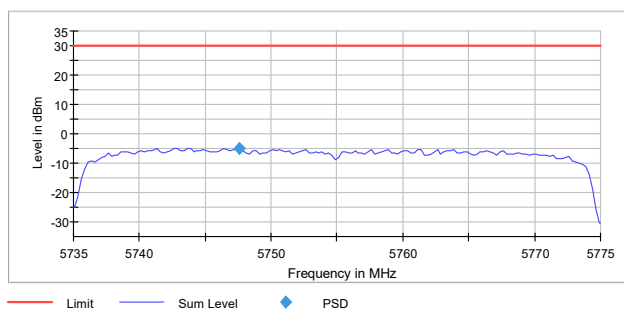
CH134(5670MHz)

Power Spectral Density (SA-3)



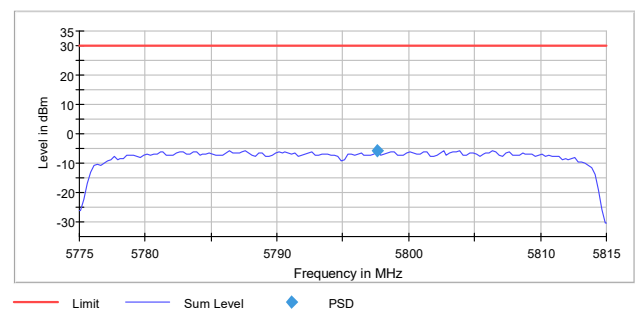
CH151(5755MHz)

Power Spectral Density (SA-3)



CH159(5795MHz)

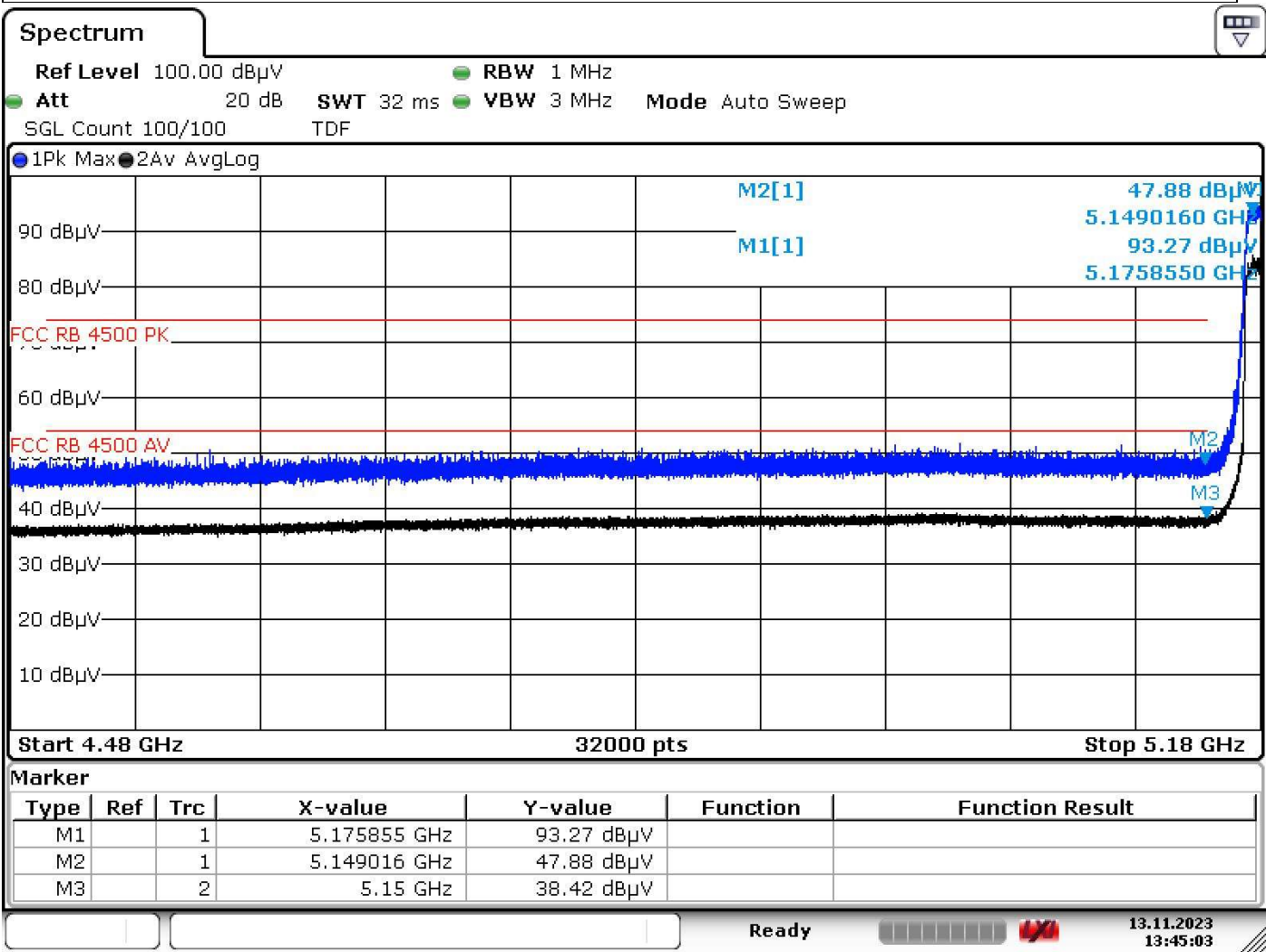
Power Spectral Density (SA-3)



Appendix H: Radiated Emission Band Edge

SISO: Worst test data Antenna1

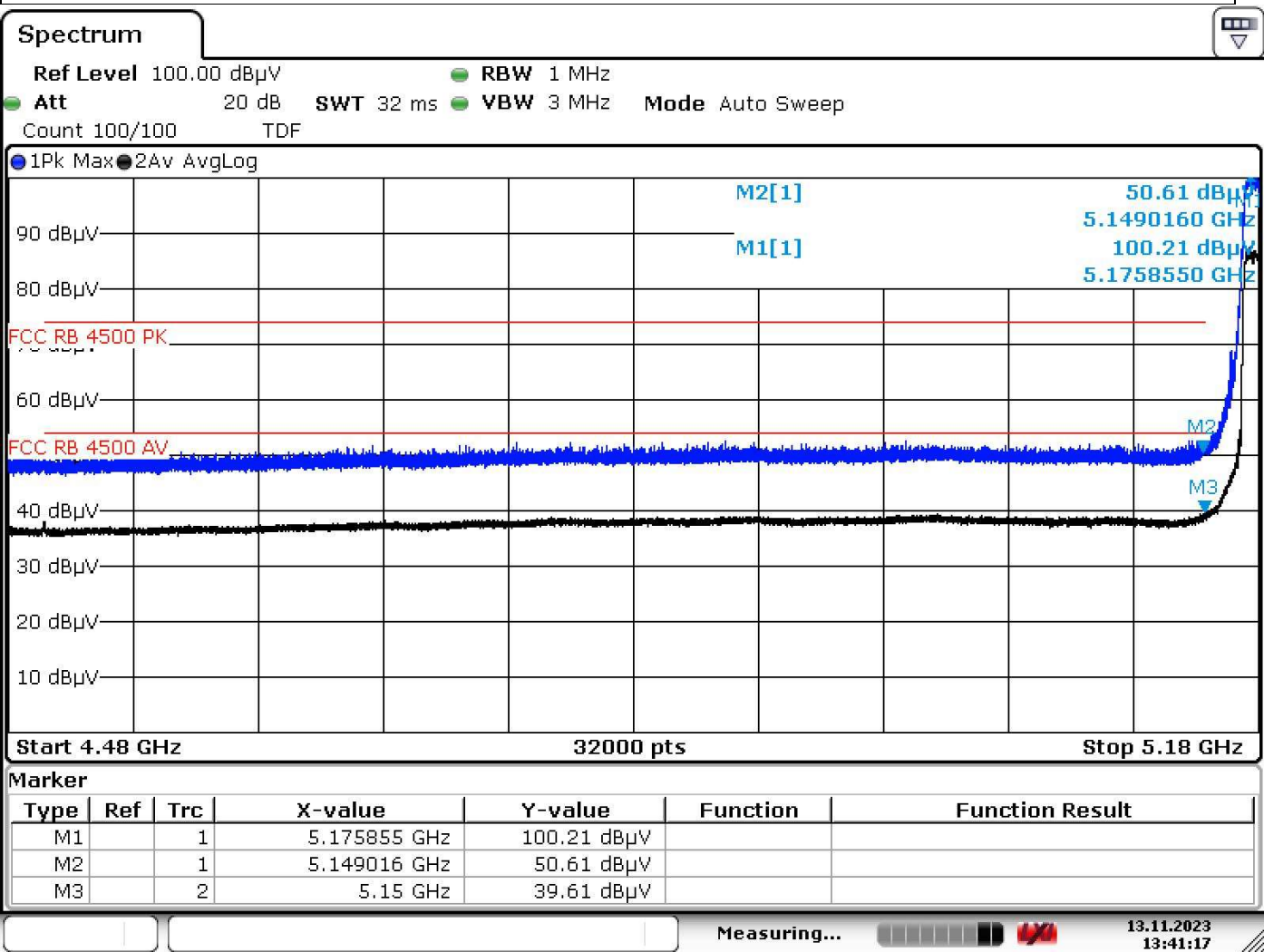
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5180MHz by 802.11a	



Date: 13.NOV.2023 13:45:02

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

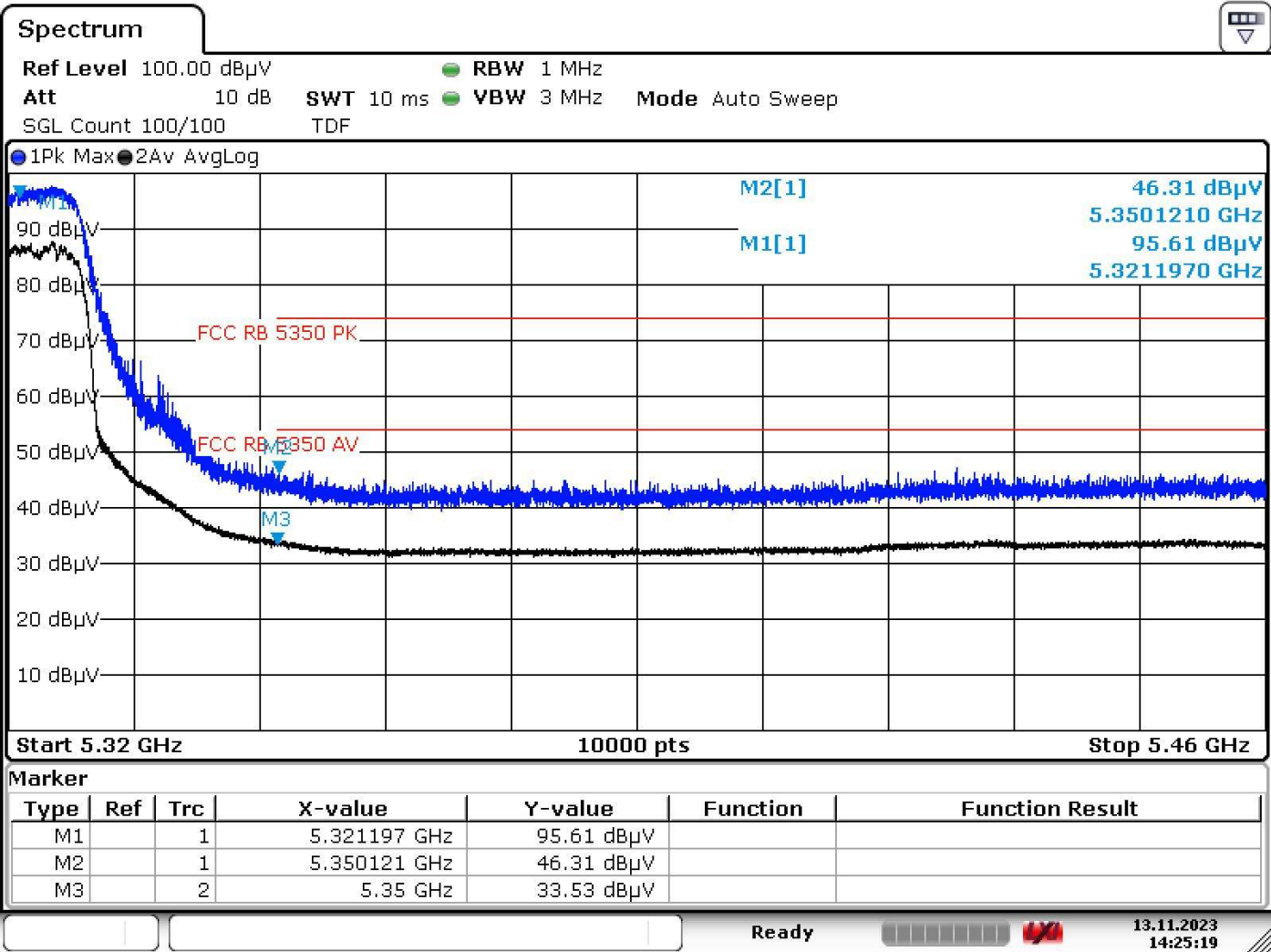
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5180MHz by 802.11a	



Date: 13.NOV.2023 13:41:16

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

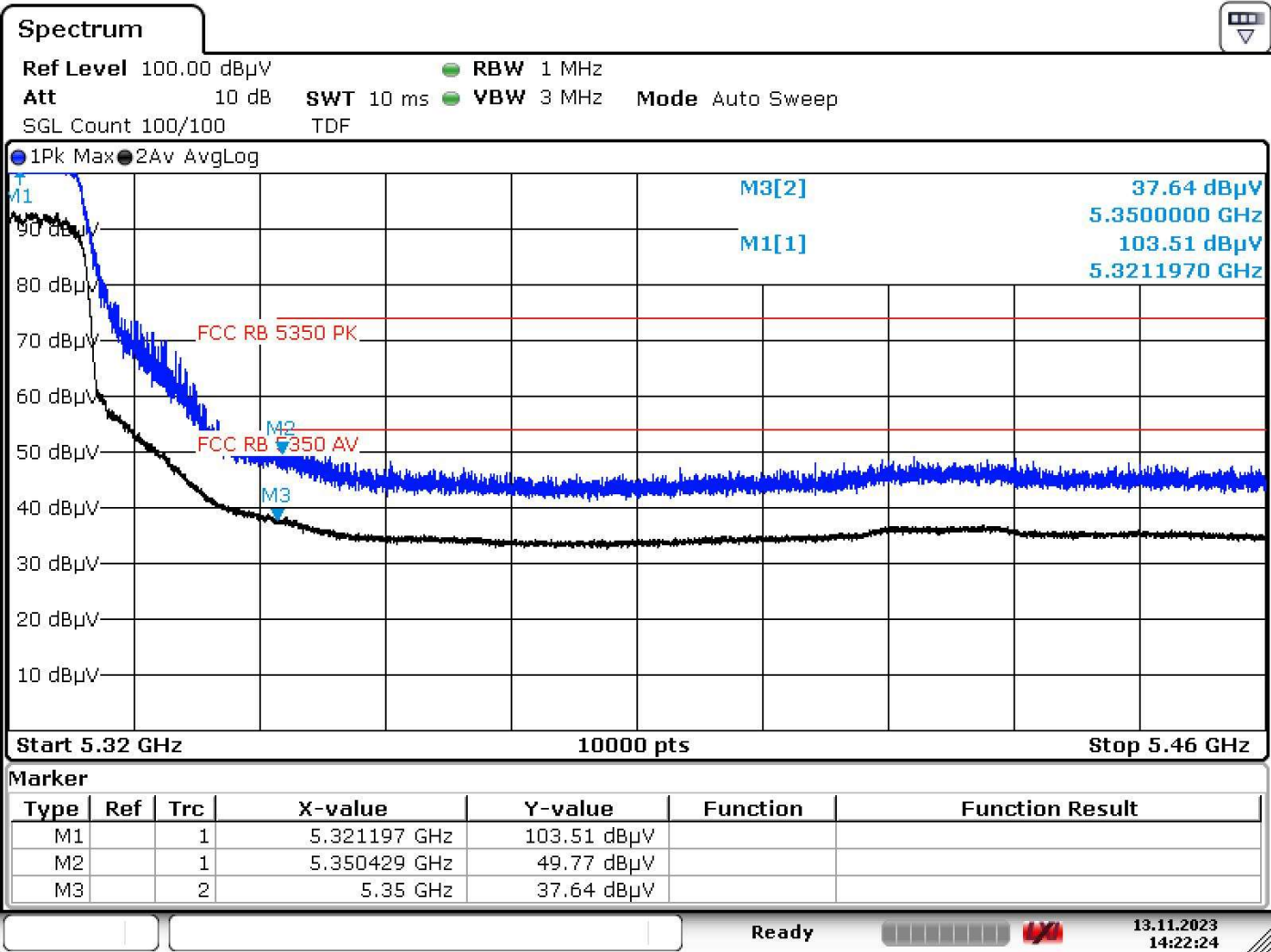
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 1: Transmit at 5320MHz by 802.11a	



Date: 13.NOV.2023 14:25:19

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

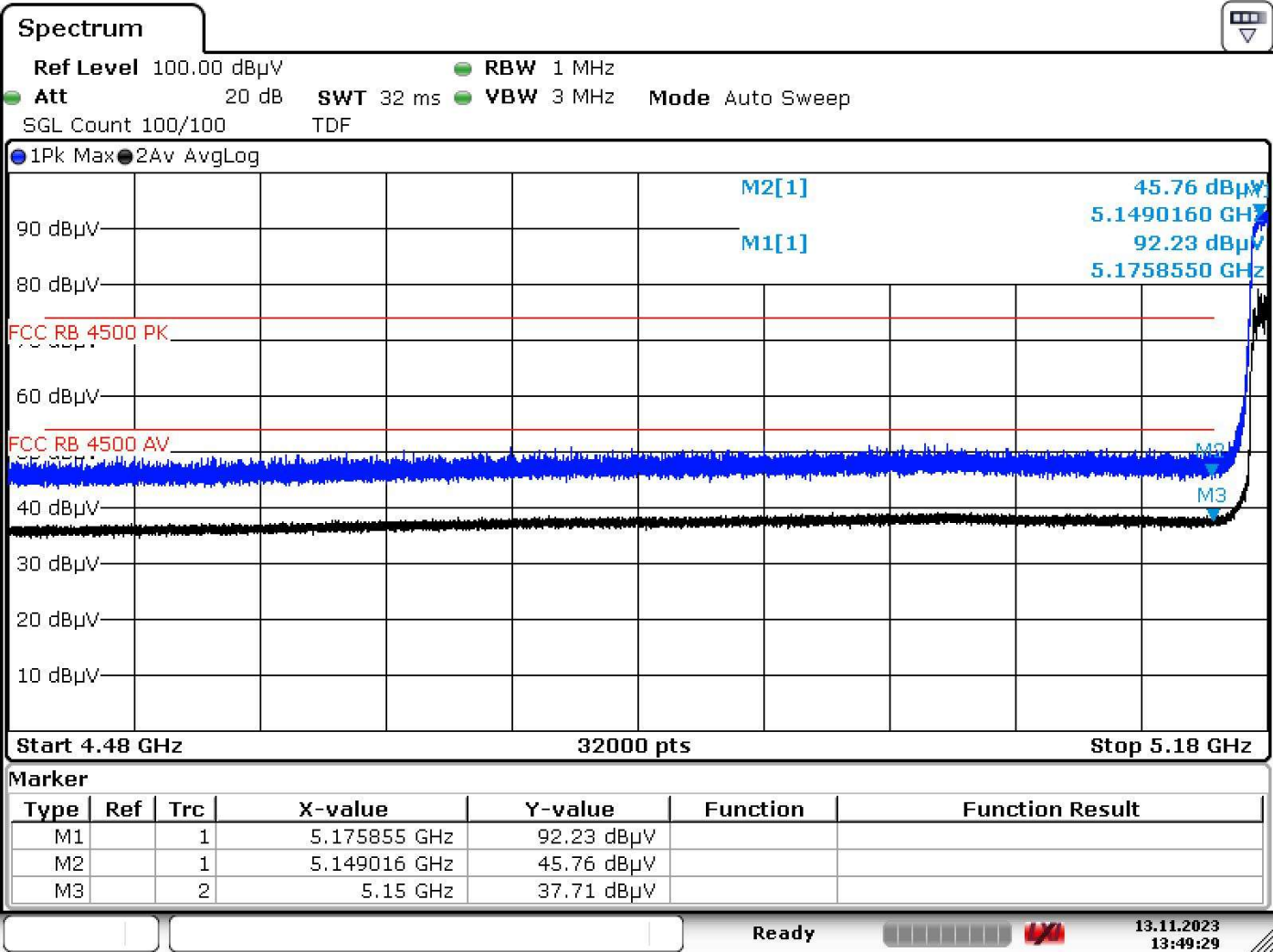
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 1: Transmit at 5320MHz by 802.11a	



Date: 13.NOV.2023 14:22:24

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

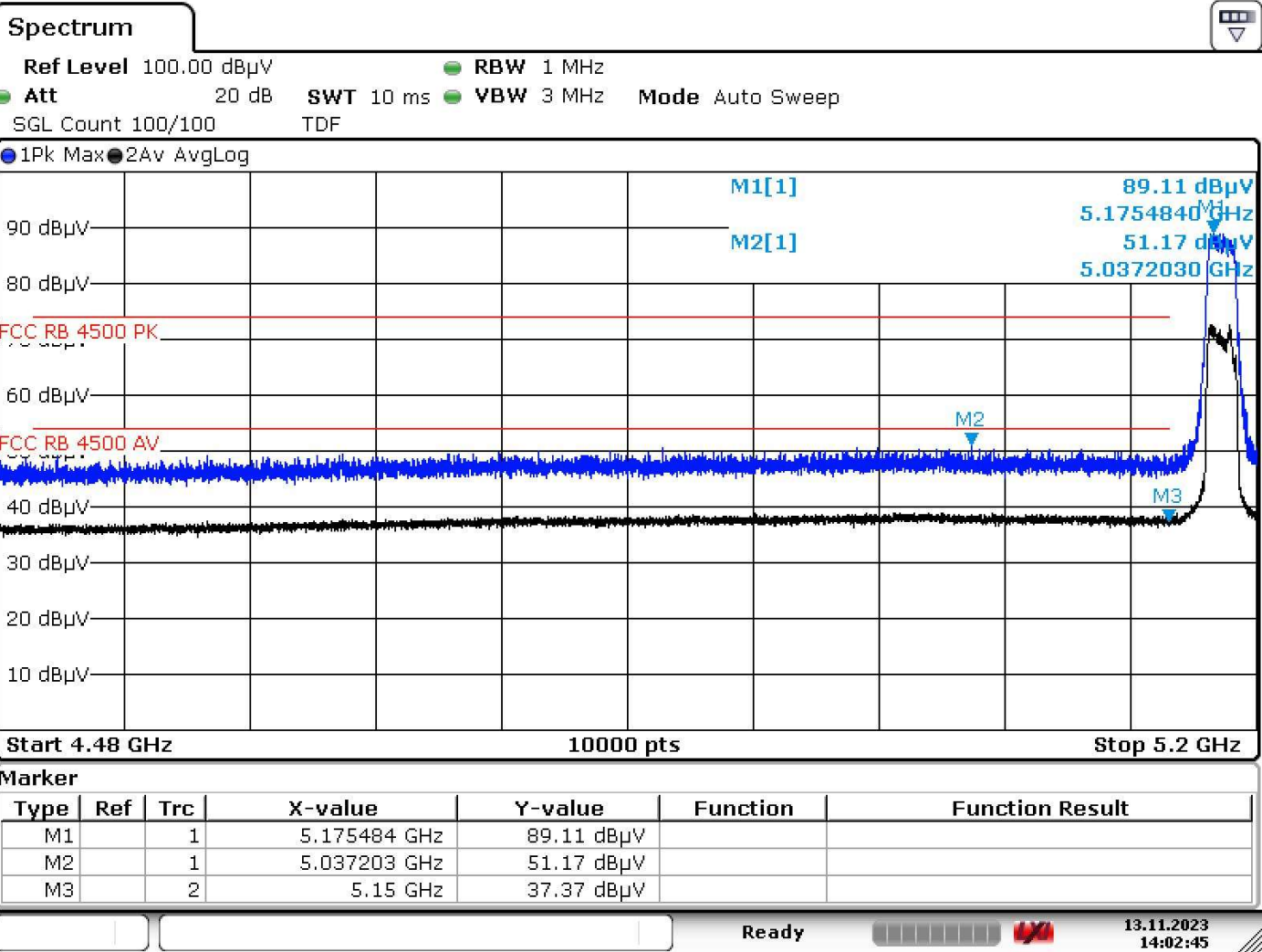
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5180MHz by 802.11n(20MHz)	



Date: 13.NOV.2023 13:49:29

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

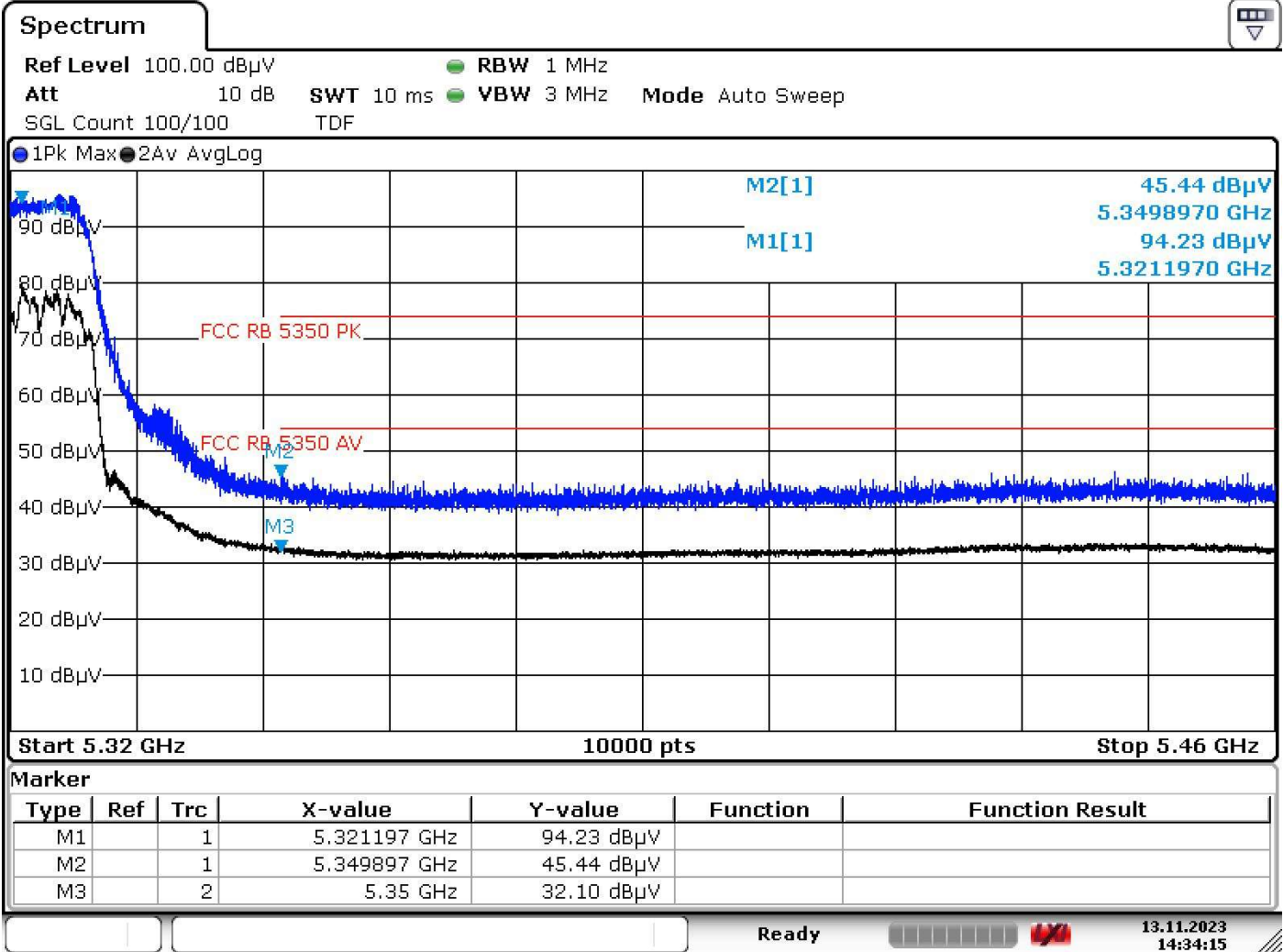
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5180MHz by 802.11n(20MHz)	



Date: 13.NOV.2023 14:02:45

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

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



Date: 13.NOV.2023 14:34:16

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