Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : *Test Mode 8(TM 8)* _ Wireless Charging

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2412	2389.82	H	X	PK	56.55	2.14	N/A	N/A	58.69	74.00	15.31
	2389.81	H	X	AV	43.13	2.14	0.10	N/A	45.37	54.00	8.63
	4823.56	H	X	PK	44.72	6.10	N/A	N/A	50.82	74.00	23.18
	4823.91	H	X	AV	34.02	6.10	0.10	N/A	40.22	54.00	13.78
2437	4874.28	H	X	PK	44.93	6.42	N/A	N/A	51.35	74.00	22.65
	4874.31	H	X	AV	34.41	6.42	0.10	N/A	40.93	54.00	13.07
2462	2483.53	H	X	PK	52.63	2.38	N/A	N/A	55.01	74.00	18.99
	2483.65	H	X	AV	42.23	2.38	0.10	N/A	44.71	54.00	9.29
	4924.51	H	X	PK	45.16	6.57	N/A	N/A	51.73	74.00	22.27
	4923.59	H	X	AV	34.33	6.57	0.10	N/A	41.00	54.00	13.00
2472	2483.68	H	X	PK	59.96	2.38	N/A	N/A	62.34	74.00	11.66
	2483.64	H	X	AV	46.84	2.38	0.10	N/A	49.32	54.00	4.68
	4943.29	H	X	PK	44.54	6.79	N/A	N/A	51.33	74.00	22.67
	4943.29	H	X	AV	33.17	6.79	0.10	N/A	40.06	54.00	13.94

Note.

1. The radiated emissions were investigated up to 25GHz. And no other spurious and harmonic emissions were found above listed frequencies.
2. This device was tested under MIMO Multiple transmitting (Ant 1, 2) and the worst case data are reported in the table above.
3. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCCF + DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCCF = Duty Cycle Correction Factor, DCF = Distance Correction Factor
4. Information of Distance Factor

   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.

   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB

   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : *Test Mode 9(TM 9)* _ Wireless Charging

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2412	2389.92	H	X	PK	54.17	2.14	N/A	N/A	56.31	74.00	17.69
	2389.84	H	X	AV	43.73	2.14	N/A	N/A	45.87	54.00	8.13
	4824.07	H	X	PK	45.07	6.10	N/A	N/A	51.17	74.00	22.83
	4824.11	H	X	AV	34.04	6.10	N/A	N/A	40.14	54.00	13.86
2437	4874.13	H	X	PK	45.00	6.42	N/A	N/A	51.42	74.00	22.58
	4873.98	H	X	AV	34.32	6.42	N/A	N/A	40.74	54.00	13.26
2462	2483.94	H	X	PK	54.46	2.38	N/A	N/A	56.84	74.00	17.16
	2483.95	H	X	AV	41.70	2.38	N/A	N/A	44.08	54.00	9.92
	4924.02	H	X	PK	45.29	6.57	N/A	N/A	51.86	74.00	22.14
	4924.10	H	X	AV	34.36	6.57	N/A	N/A	40.93	54.00	13.07
2472	2483.65	H	X	PK	59.96	2.38	N/A	N/A	62.34	74.00	11.66
	2483.69	H	X	AV	46.57	2.38	N/A	N/A	48.95	54.00	5.05
	4943.32	H	X	PK	44.67	6.79	N/A	N/A	51.46	74.00	22.54
	4943.42	H	X	AV	33.87	6.79	N/A	N/A	40.66	54.00	13.34

Note.

1. The radiated emissions were investigated up to 25GHz. And no other spurious and harmonic emissions were found above listed frequencies.
2. This device was tested under MIMO Multiple transmitting (Ant 1, 2) and the worst case data are reported in the table above.
3. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCCF + DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCCF = Duty Cycle Correction Factor, DCF = Distance Correction Factor
4. Information of Distance Factor

   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.

   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB

   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : *Test Mode 10(TM 10)* _ Wireless Charging

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2412	2389.91	H	X	PK	52.70	2.14	N/A	N/A	54.84	74.00	19.16
	2389.87	H	X	AV	43.10	2.14	0.17	N/A	45.41	54.00	8.59
	4823.56	H	X	PK	44.14	6.10	N/A	N/A	50.24	74.00	23.76
	4824.43	H	X	AV	33.96	6.10	0.17	N/A	40.23	54.00	13.77
2437	4874.44	H	X	PK	45.86	6.42	N/A	N/A	52.28	74.00	21.72
	4874.15	H	X	AV	34.38	6.42	0.17	N/A	40.97	54.00	13.03
2462	2483.97	H	X	PK	54.04	2.38	N/A	N/A	56.42	74.00	17.58
	2484.07	H	X	AV	42.48	2.38	0.17	N/A	45.03	54.00	8.97
	4924.21	H	X	PK	44.64	6.57	N/A	N/A	51.21	74.00	22.79
	4923.78	H	X	AV	34.37	6.57	0.17	N/A	41.11	54.00	12.89
2472	2483.58	H	X	PK	59.13	2.38	N/A	N/A	61.51	74.00	12.49
	2483.59	H	X	AV	46.51	2.38	0.17	N/A	49.06	54.00	4.94
	4944.49	H	X	PK	44.17	6.79	N/A	N/A	50.96	74.00	23.04
	4944.45	H	X	AV	33.93	6.79	0.17	N/A	40.89	54.00	13.11

Note.

1. The radiated emissions were investigated up to 25GHz. And no other spurious and harmonic emissions were found above listed frequencies.
2. This device was tested under MIMO Multiple transmitting (Ant 1, 2) and the worst case data are reported in the table above.
3. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCCF + DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCCF = Duty Cycle Correction Factor, DCF = Distance Correction Factor
4. Information of Distance Factor

   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.

   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB

   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.

8.6 Power-line conducted emissions

▣ Test Requirements and limit, §15.207

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network(LISN).

Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5	56	46
5 ~ 30	60	50

* Decreases with the logarithm of the frequency

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

▣ Test Procedure

1. The EUT is placed on a wooden table 80 cm above the reference ground plane.
2. The EUT is connected via LISN to the test power supply.
3. The measurement results are obtained as described below:
4. Detectors – Quasi Peak and Average Detector.

▣ Test Results: Comply(Refer to next page.)

The worst data was reported.

▣ RESULT PLOTS

AC Line Conducted Emissions (Graph)

Test mode 9(TM 9) & 2437

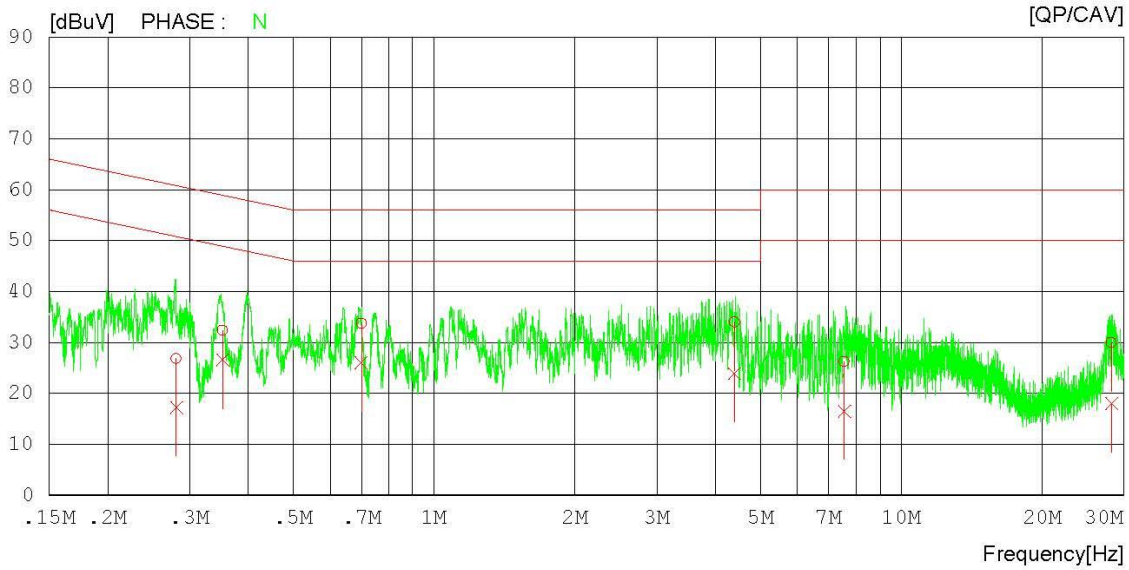
Results of Conducted Emission

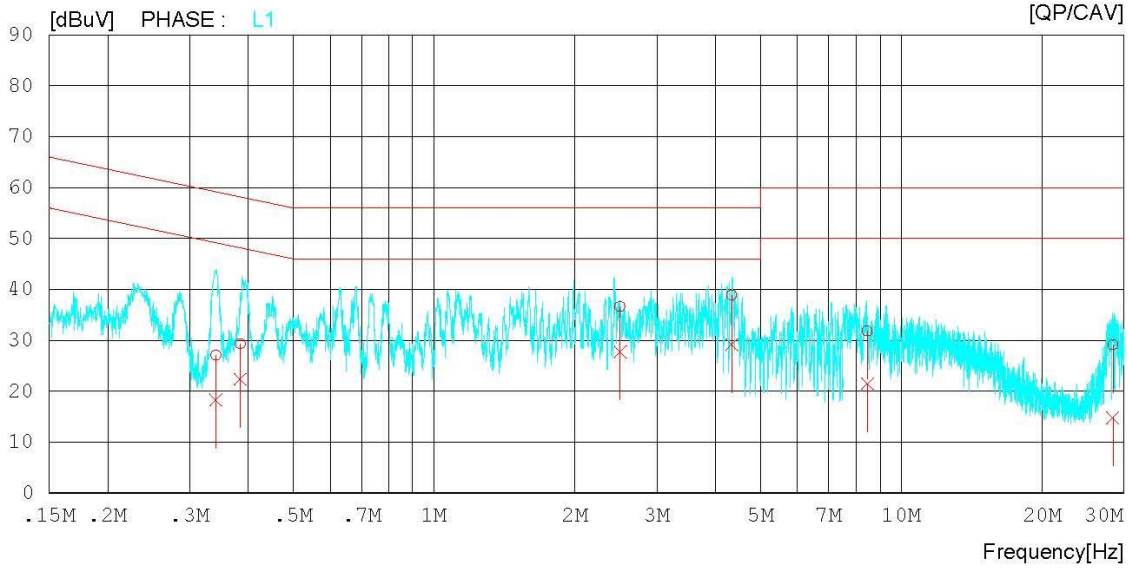
DTNC Date 2018-03-09

Order No.	DTNC1803-01698	Referrence No.	
Model No.	LM-G710EM	Power Supply	
Serial No.		Temp/Humi.	23/44
Test Condition	2.4G	Operator	J.J.LEE

Memo

LIMIT : FCC P15.207 QP
FCC P15.207 AV





AC Line Conducted Emissions (List)

Test mode 9(TM 9) & 2437

Results of Conducted Emission

DTNC Date 2018-03-09

Order No.	DTNC1803-01698	Referrence No.	
Model No.	LM-G710EM	Power Supply	
Serial No.		Temp/Humi.	23/44
Test Condition	2.4G	Operator	J.J.LEE

Memo

LIMIT : FCC P15.207 QP
FCC P15.207 AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.28075	16.90	7.24	9.95	26.85	17.19	60.79	50.79	33.94	33.60	N
2	0.35250	22.40	16.56	9.97	32.37	26.53	58.90	48.90	26.53	22.37	N
3	0.69897	23.80	15.99	9.96	33.76	25.95	56.00	46.00	22.24	20.05	N
4	4.39340	23.86	13.79	10.07	33.93	23.86	56.00	46.00	22.07	22.14	N
5	7.55280	16.08	6.33	10.15	26.23	16.48	60.00	50.00	33.77	33.52	N
6	28.19000	19.47	7.55	10.49	29.96	18.04	60.00	50.00	30.04	31.96	N
7	0.34089	17.00	8.29	9.96	26.96	18.25	59.18	49.18	32.22	30.93	L1
8	0.38461	19.29	12.36	9.97	29.26	22.33	58.18	48.18	28.92	25.85	L1
9	2.50120	26.49	17.73	10.05	36.54	27.78	56.00	46.00	19.46	18.22	L1
10	4.33960	28.77	19.05	10.07	38.84	29.12	56.00	46.00	17.16	16.88	L1
11	8.47340	21.64	11.24	10.18	31.82	21.42	60.00	50.00	28.18	28.58	L1
12	28.38380	18.56	4.23	10.48	29.04	14.71	60.00	50.00	30.96	35.29	L1

9. LIST OF TEST EQUIPMENT

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal.Date (yy/mm/dd)	S/N
Spectrum Analyzer	Agilent Technologies	N9020A	17/07/12	18/07/12	MY46471601
Spectrum Analyzer	Agilent Technologies	N9020A	17/09/05	18/09/05	MY46471251
Multimeter	FLUKE	17B	17/12/26	18/12/26	26030065WS
DC Power Supply	Agilent	66332A	17/09/05	18/09/05	MY43000719
DC Power Supply	Agilent	66332A	17/12/27	18/12/27	US37473833
Signal Generator	Rohde Schwarz	SMBV100A	17/12/27	18/12/27	255571
Signal Generator	Rohde Schwarz	SMF100A	17/12/27	18/12/27	102341
Thermohygrometer	BODYCOM	BJ5478	17/09/11	18/09/11	N/A
Thermohygrometer	BODYCOM	BJ5478	18/01/03	19/01/03	120612-2
50W 10dB ATT	SMAJK	SMAJK-50-10	17/09/06	18/09/06	2-50-10
Loop Antenna	ETS	6502	17/03/24	19/03/24	3471
BILOG ANTENNA	Schwarzbeck	VULB 9160	16/08/05	18/08/05	9160-3362
Horn Antenna	ETS-LINDGREN	3117	16/05/03	18/05/03	00140394
Horn Antenna	A.H.Systems Inc.	SAS-574	17/07/31	19/07/31	155
PreAmplifier	Agilent	8449B	17/09/05	18/09/05	3008A02108
PreAmplifier	H.P	8447D	17/12/26	18/12/26	2944A07774
EMI Test Receiver	Rohde Schwarz	ESR7	18/02/13	19/02/13	101061
High-pass filter	Wainwright	WHKX12-2580-3000-18000-80SS	17/09/05	18/09/05	3
High-pass filter	Wainwright	WHNX6-6320-8000-26500-40CC	17/09/05	18/09/05	1
Power Meter & Wide Bandwidth Sensor	Anritsu	ML2496A MA2411B	17/12/27	18/12/27	1338004 1306053
EMI TEST RECEIVER	Rohde Schwarz	ESCI7	18/02/12	19/02/12	100910
PULSE LIMITER	Rohde Schwarz	ESH3-Z2	17/09/29	18/09/29	101333
LISN	SCHWARZBECK	NNLK 8121	17/04/03	18/04/03	06183
CABLE	DTNC	CABLE	NA	NA	C-016-4
CABLE	DTNC	CABLE	NA	NA	RF-80
CABLE	DTNC	CABLE	NA	NA	RF-81
CABLE	DTNC	CABLE	NA	NA	RF-82
CABLE	Radiall	TESTPRO3	NA	NA	RF-74
CABLE	HUBER+SUHNER	SUCOFLEX103	NA	NA	RF-75
CABLE	Radiall	TESTPRO3	NA	NA	RF-66

Note: The measurement antennas were calibrated in accordance to the requirements of ANSI C63.5-2017.

APPENDIX I

Duty cycle plots

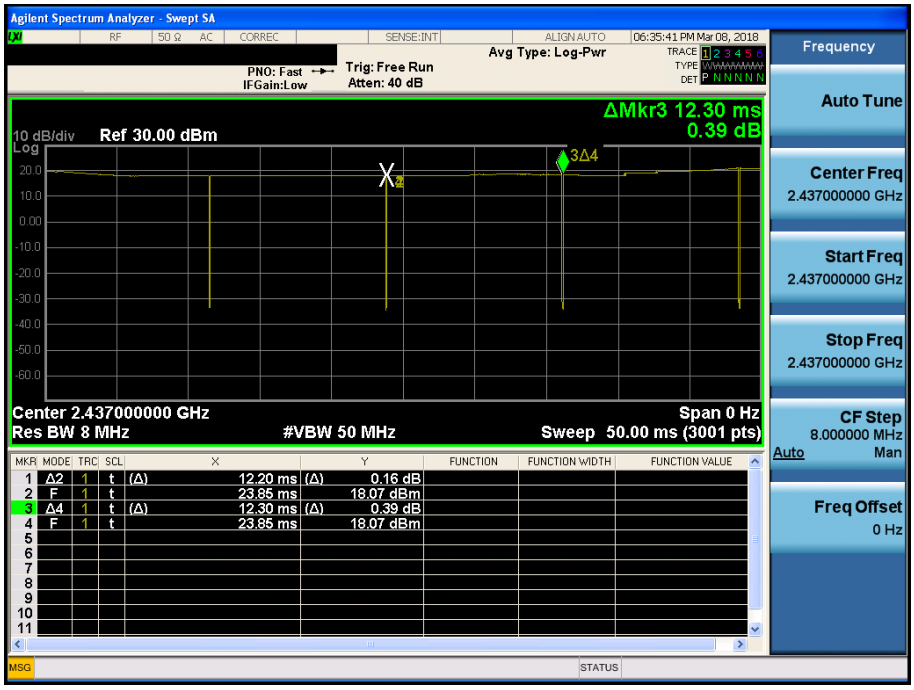
▪ Test Procedure

Duty Cycle was measured using **section 6.0 b) of KDB558074 D01V04 :**

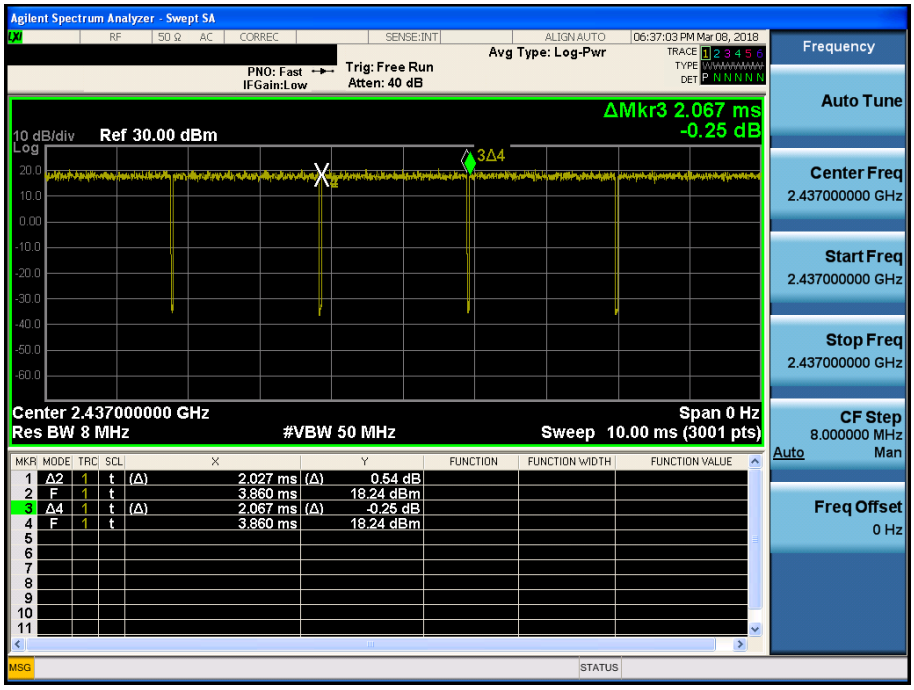
The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

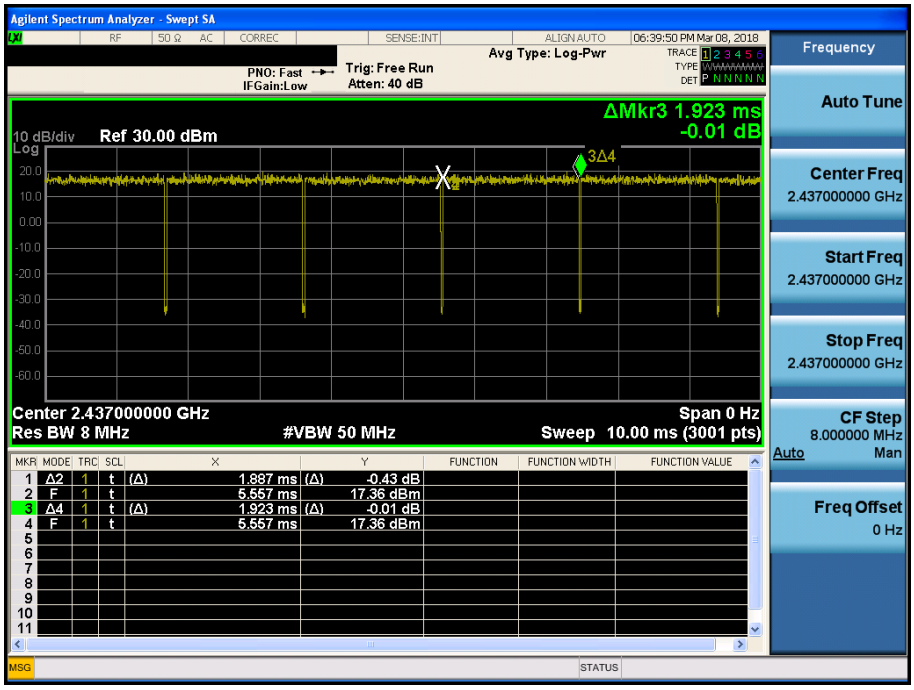
Duty Cycle TM 5 & ANT 1 & 2437



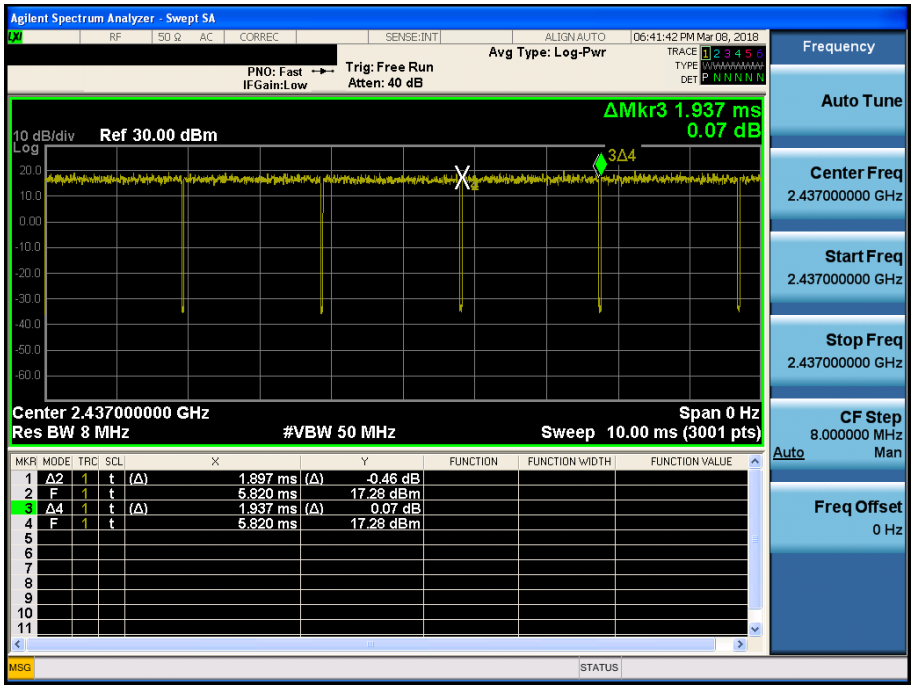
Duty Cycle TM 6 & ANT 1 & 2437



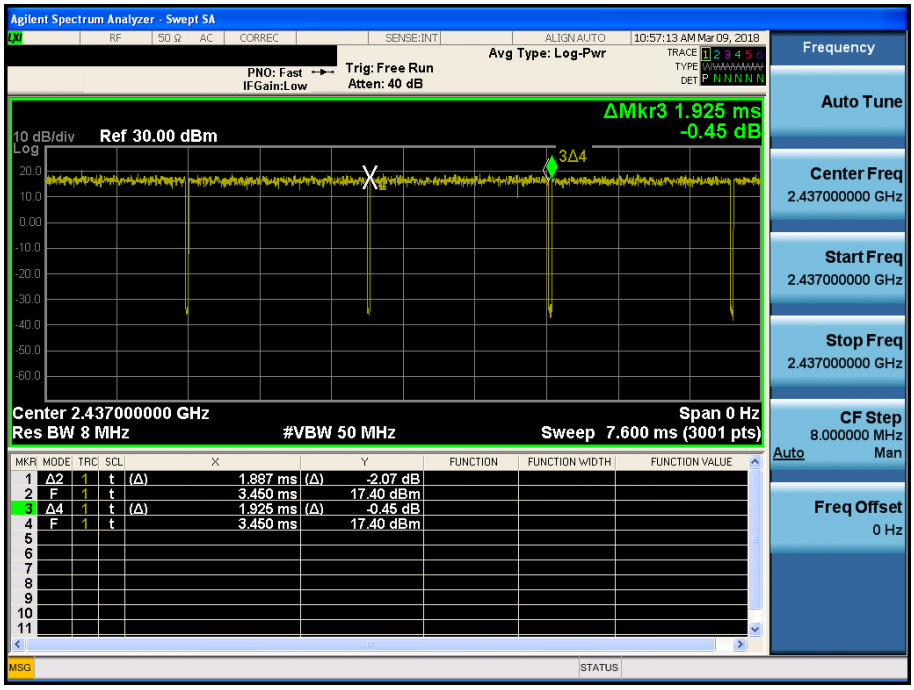
Duty Cycle TM 7 & ANT 1 & 2437



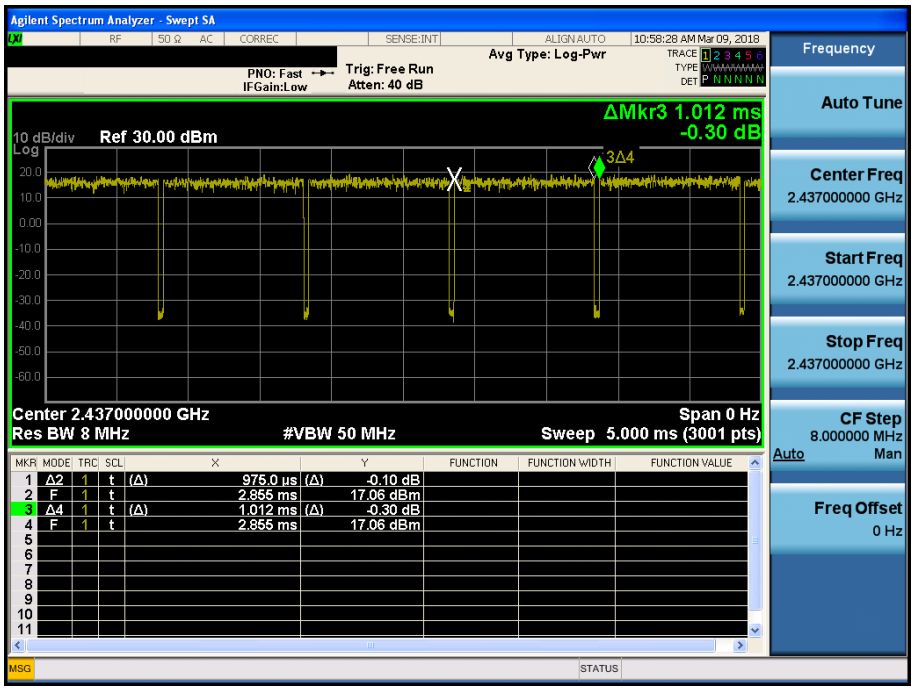
Duty Cycle TM 8 & ANT 1 & 2437



Duty Cycle TM 9 & ANT 1 & 2437



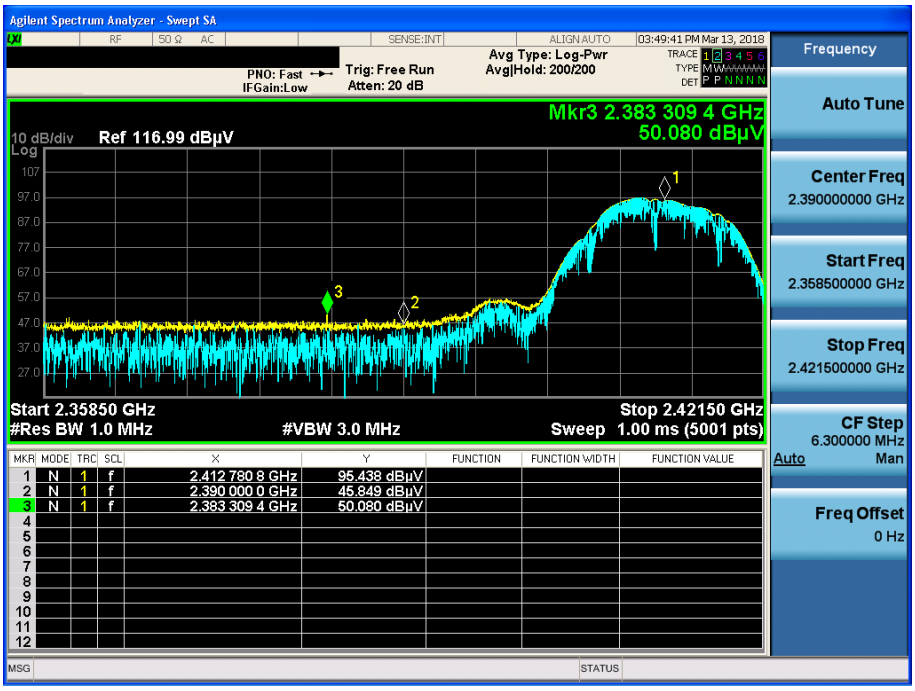
Duty Cycle TM 10 & ANT 1 & 2437



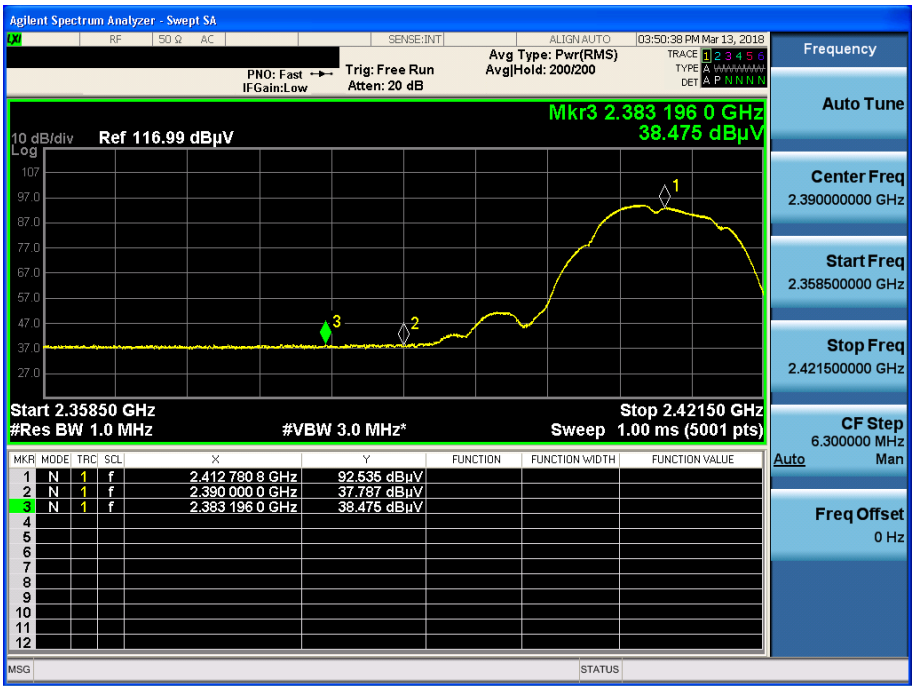
APPENDIX I

Unwanted Emissions (Radiated) Test Plot _ Normal

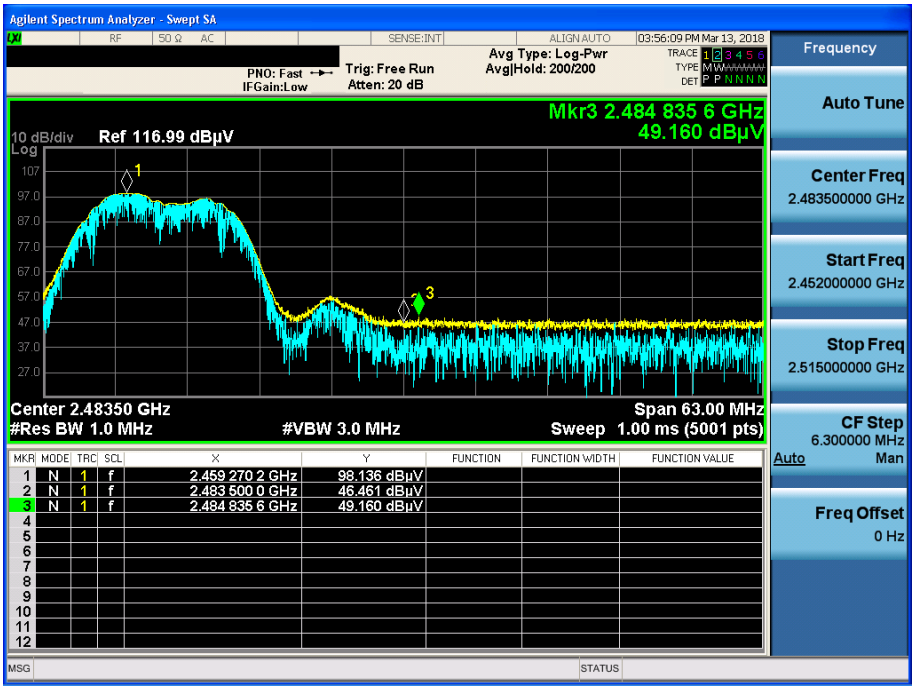
TM 5 & 2412 & Y axis & Ver **Detector Mode : PK**



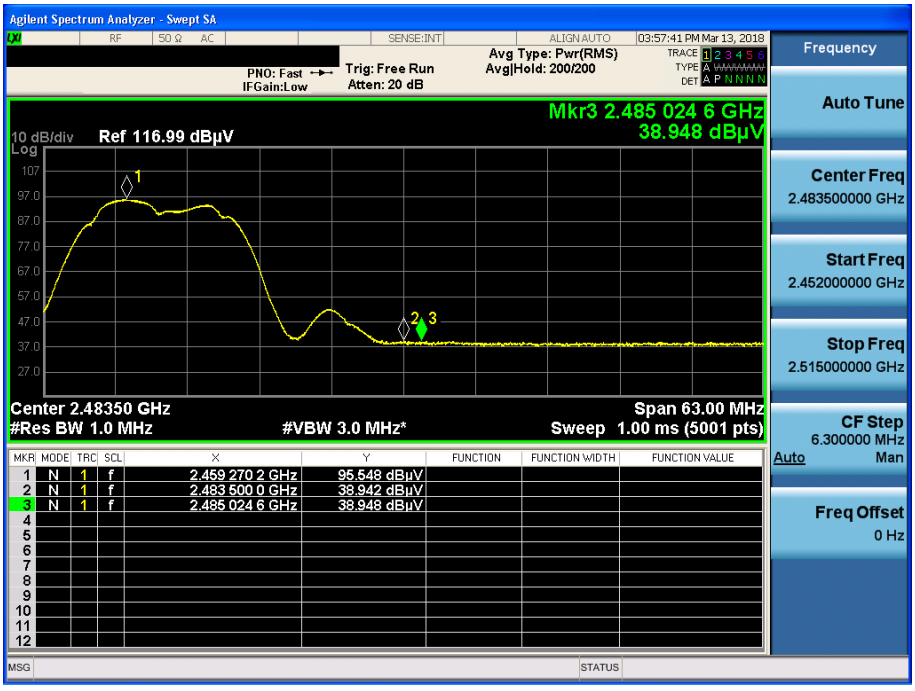
TM 5 & 2412 & Y axis & Ver **Detector Mode : AV**



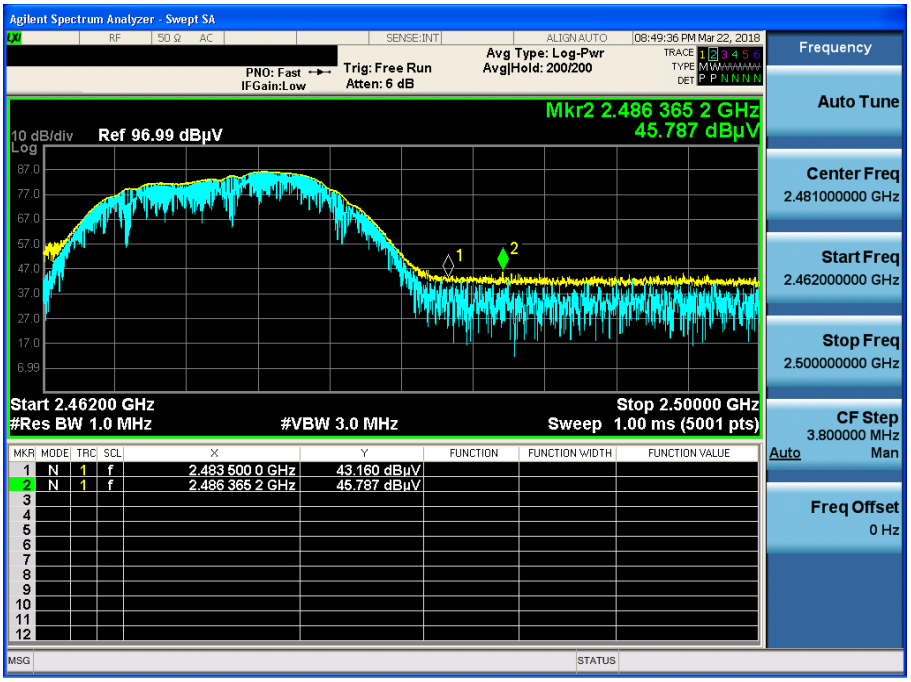
TM 5 & 2462 & Y axis & Hor **Detector Mode : PK**



TM 5 & 2462 & Y axis & Hor **Detector Mode : AV**

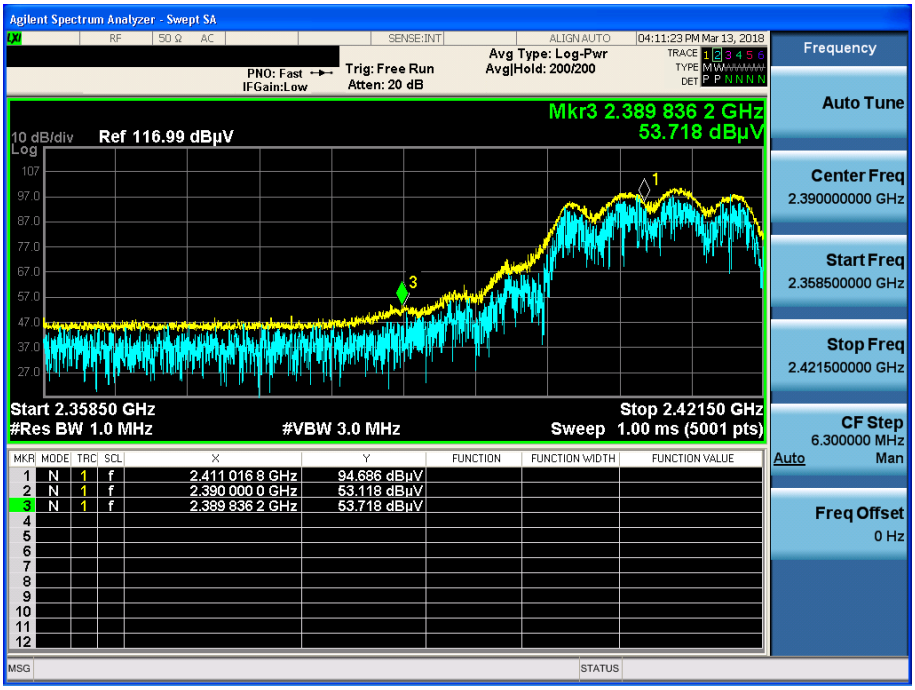


TM 5 & 2472 & Y axis & Hor **Detector Mode : PK**

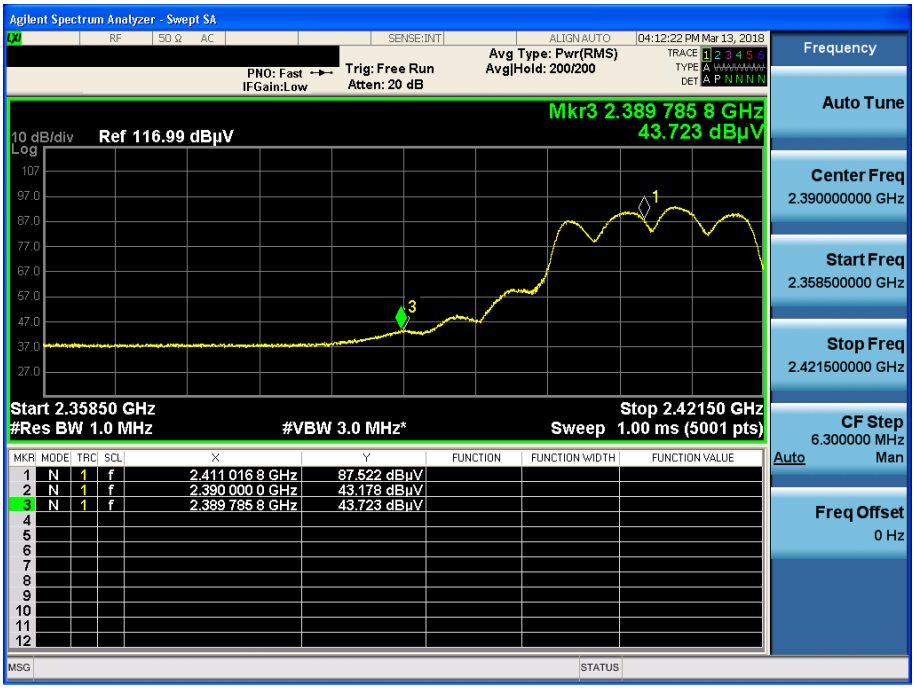


TM 5 & 2472 & Y axis & Hor **Detector Mode : AV**

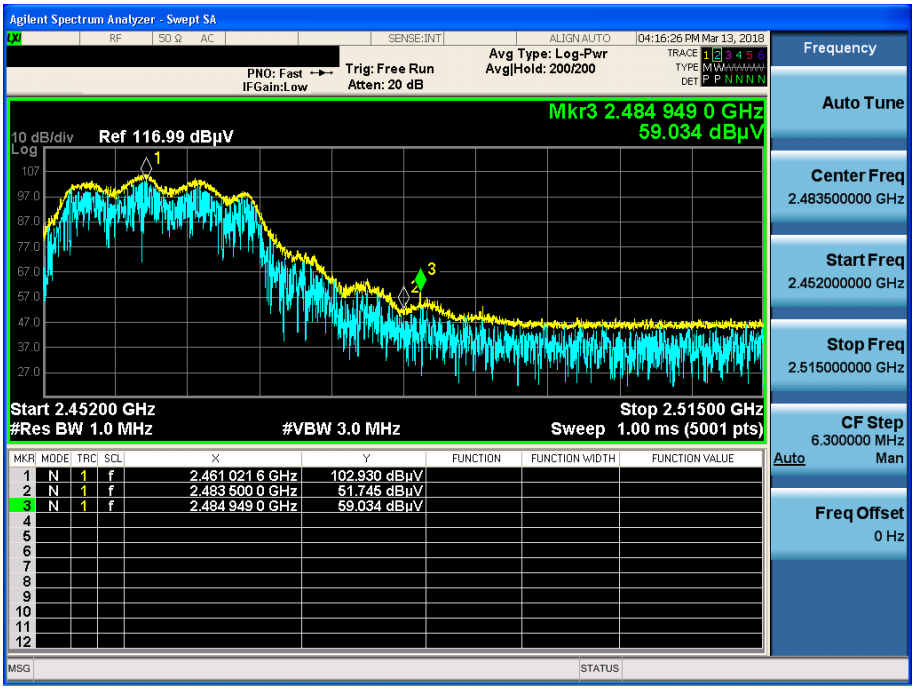
TM 6 & 2412 & Y axis & Ver **Detector Mode : PK**



TM 6 & 2412 & Y axis & Ver **Detector Mode : AV**



TM 6 & 2462 & Y axis & Hor **Detector Mode : PK**

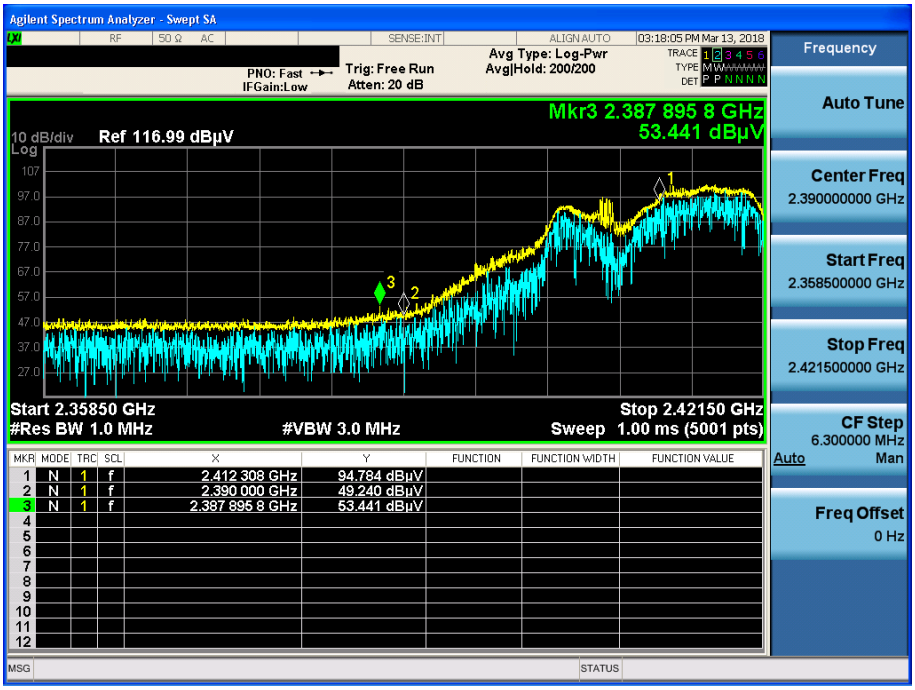


TM 6 & 2462 & Y axis & Hor **Detector Mode : AV**

TM 6 & 2472 & Y axis & Hor **Detector Mode : PK**

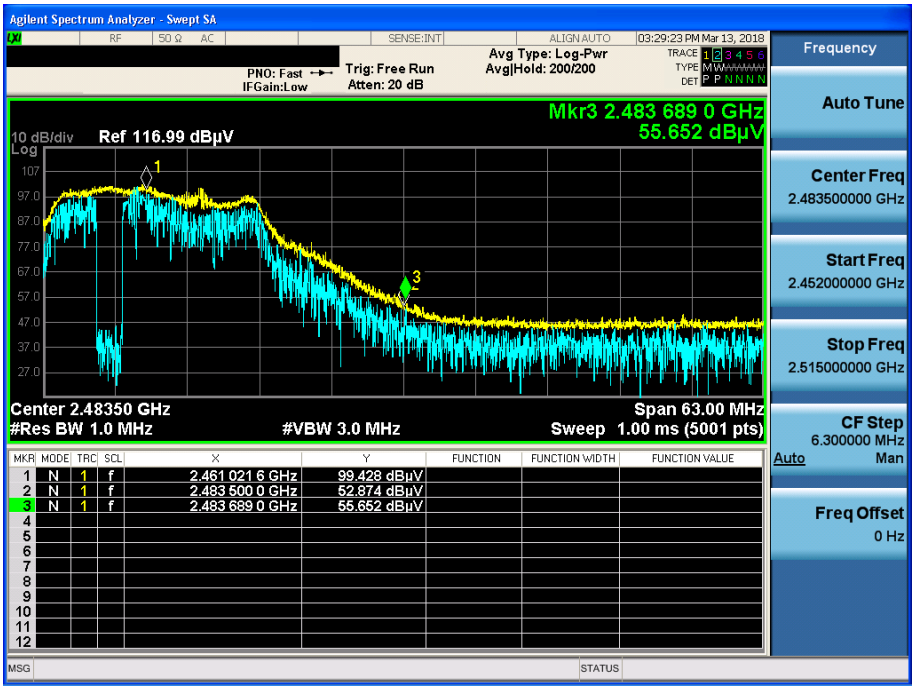
TM 6 & 2472 & Y axis & Hor **Detector Mode : AV**

TM 7 & 2412 & X axis & Hor **Detector Mode : PK**



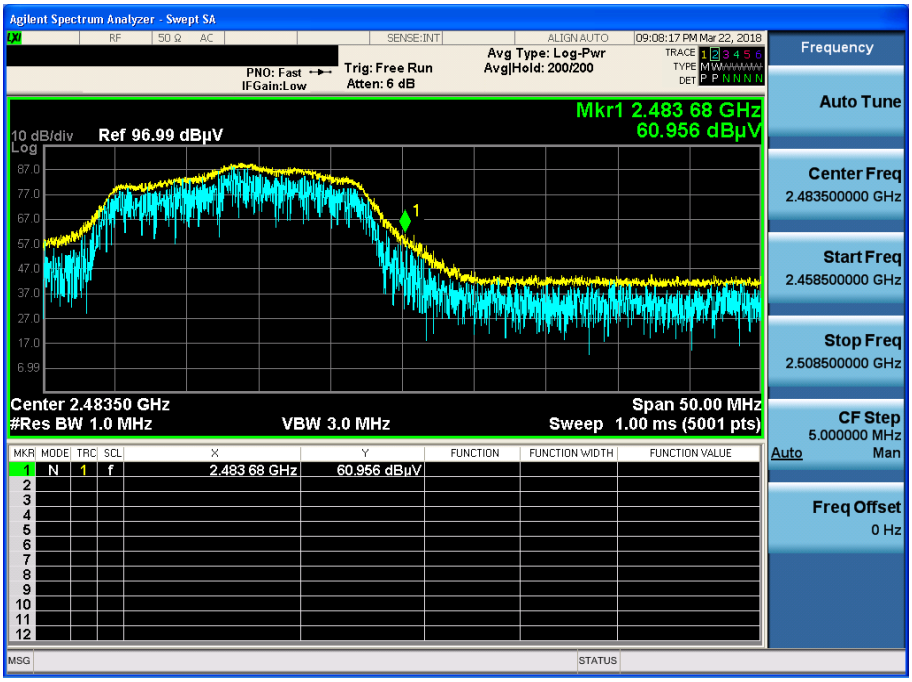
TM 7 & 2412 & X axis & Hor **Detector Mode : AV**

TM 7 & 2462 & Y axis & Hor **Detector Mode : PK**



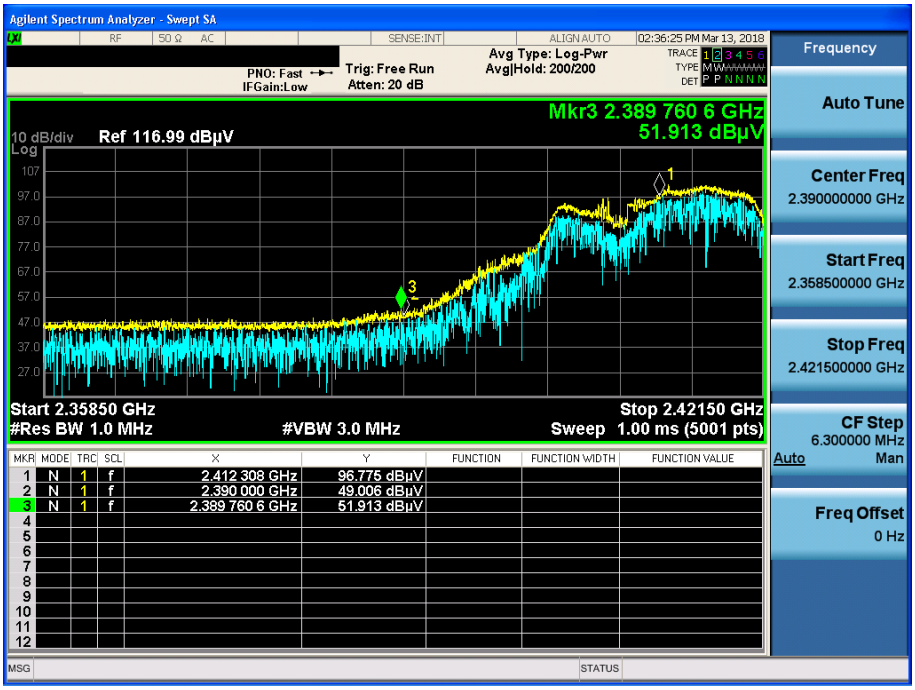
TM 7 & 2462 & Y axis & Hor **Detector Mode : AV**

TM 7 & 2472 & Y axis & Hor **Detector Mode : PK**



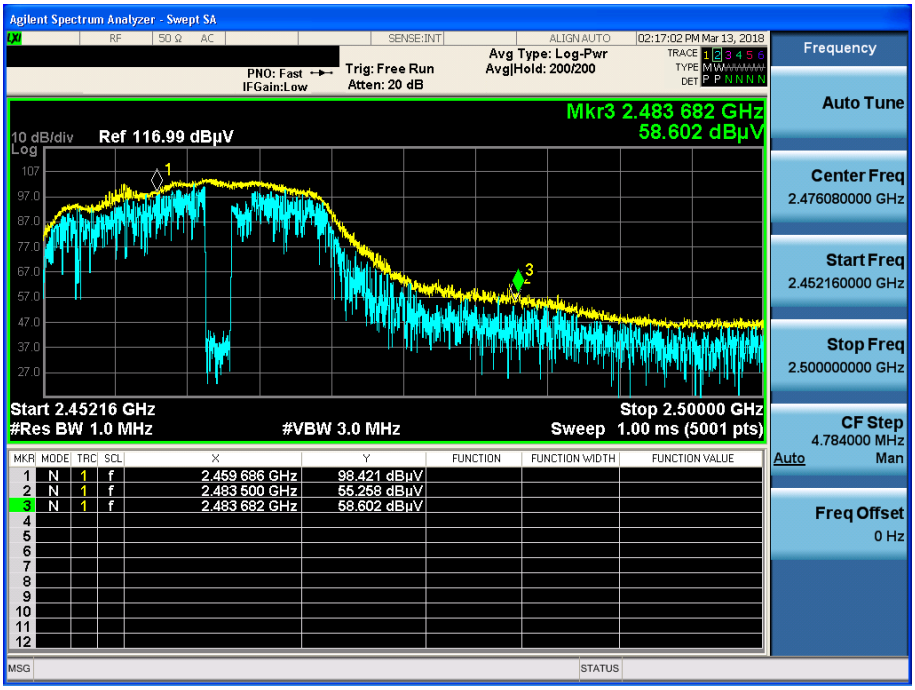
TM 7 & 2472 & Y axis & Hor **Detector Mode : AV**

TM 8 & 2412 & X axis & Hor **Detector Mode : PK**

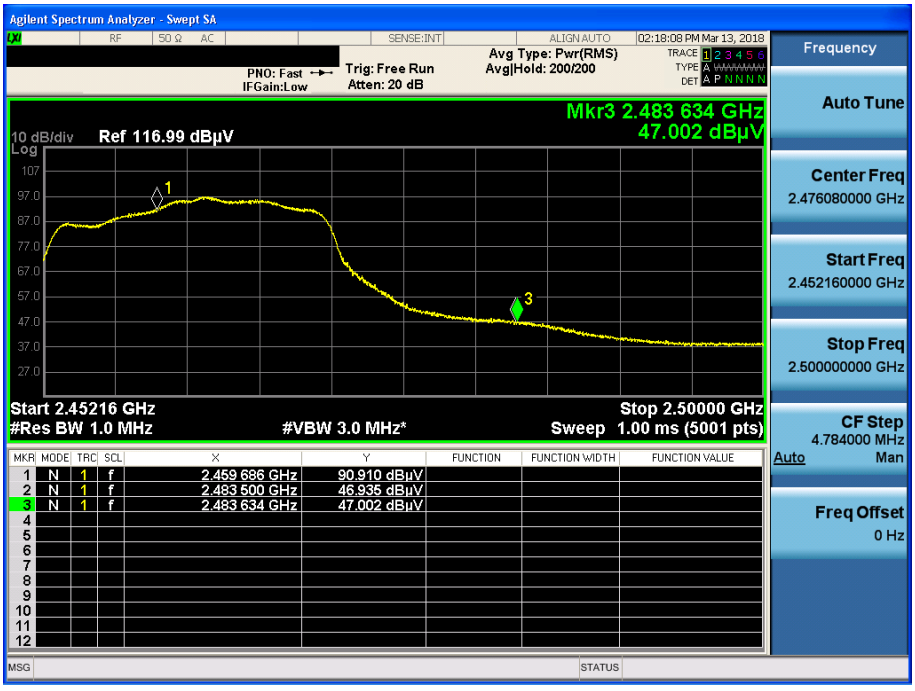


TM 8 & 2412 & X axis & Hor **Detector Mode : AV**

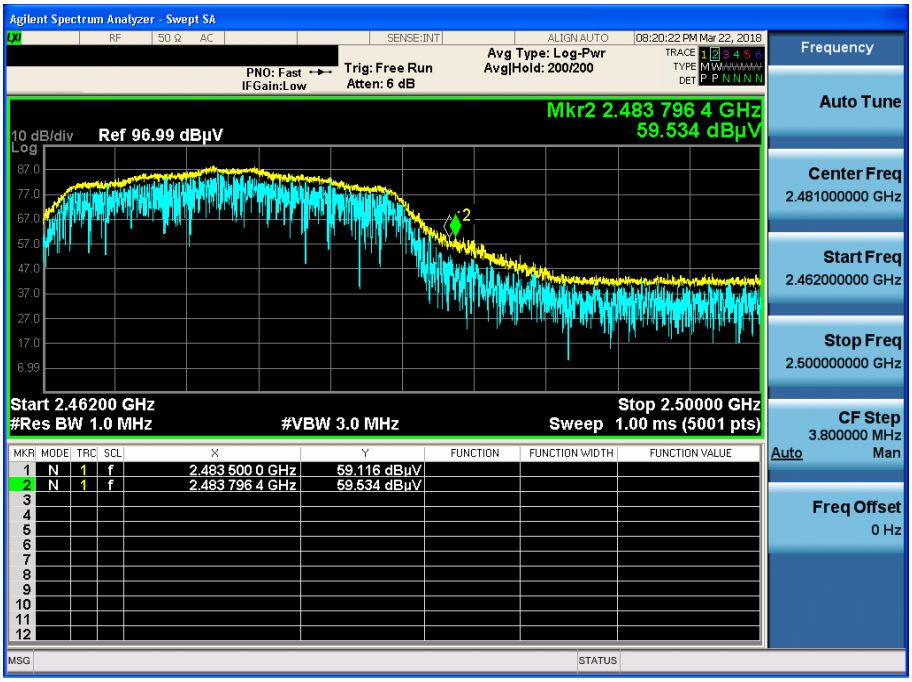
TM 8 & 2462 & Y axis & Hor **Detector Mode : PK**



TM 8 & 2462 & Y axis & Hor **Detector Mode : AV**

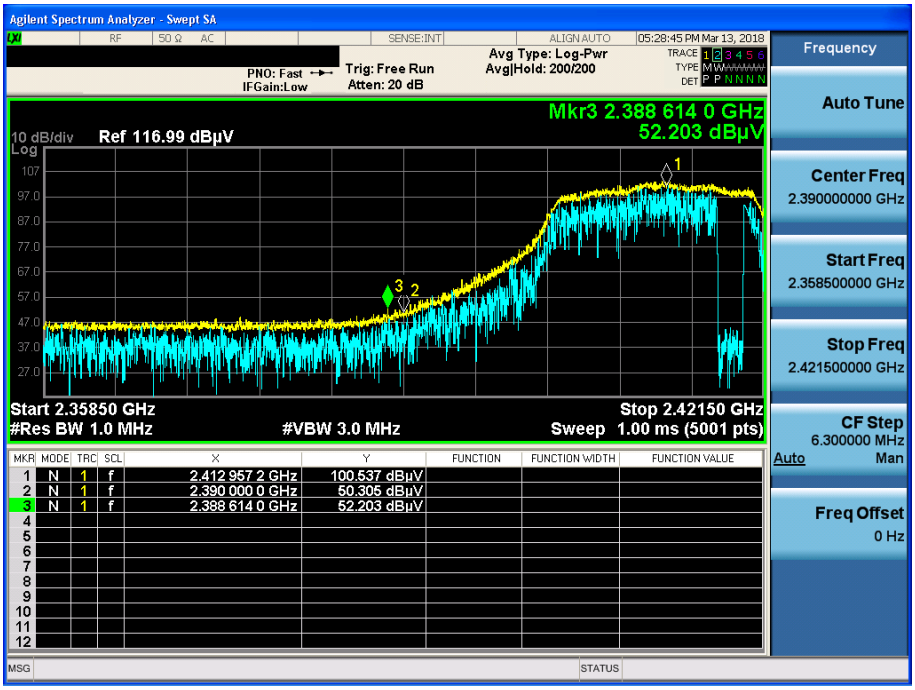


TM 8 & 2472 & Z axis & Ver **Detector Mode : PK**

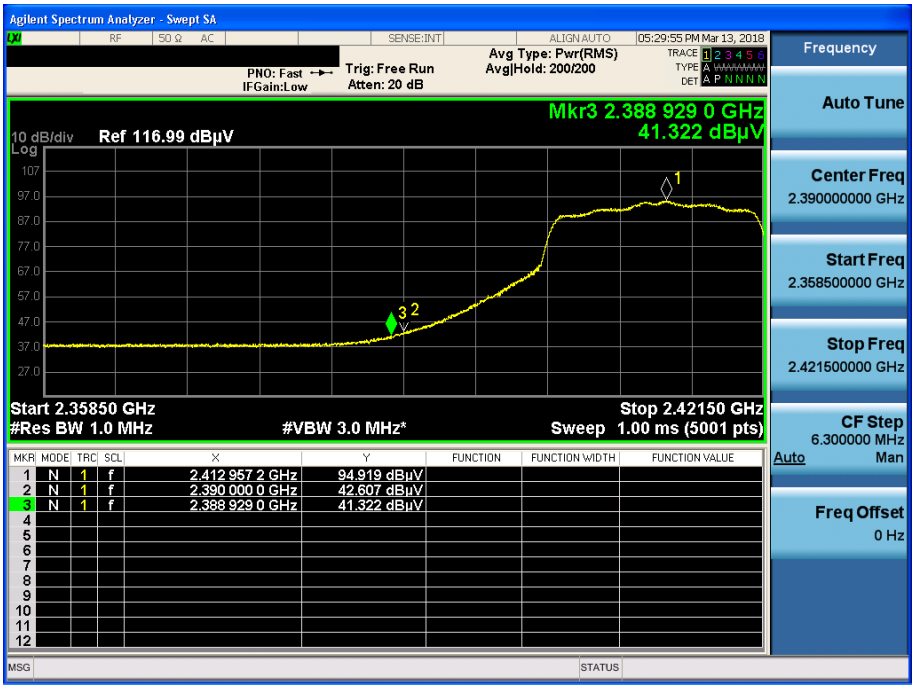


TM 8 & 2472 & Z axis & Ver **Detector Mode : AV**

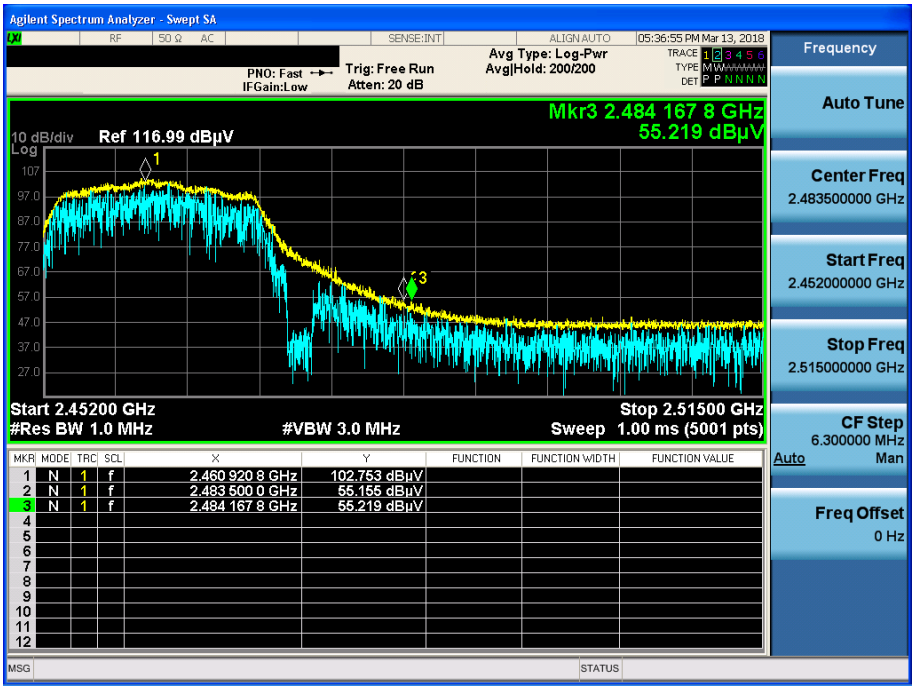
TM 9 & 2412 & Y axis & Hor **Detector Mode : PK**



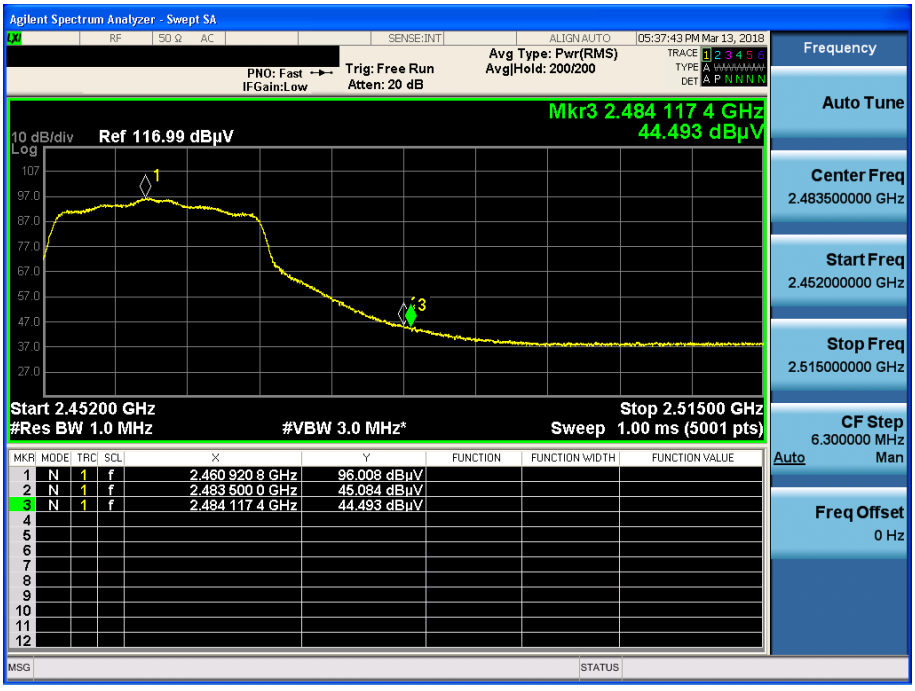
TM 9 & 2412 & Y axis & Hor **Detector Mode : AV**



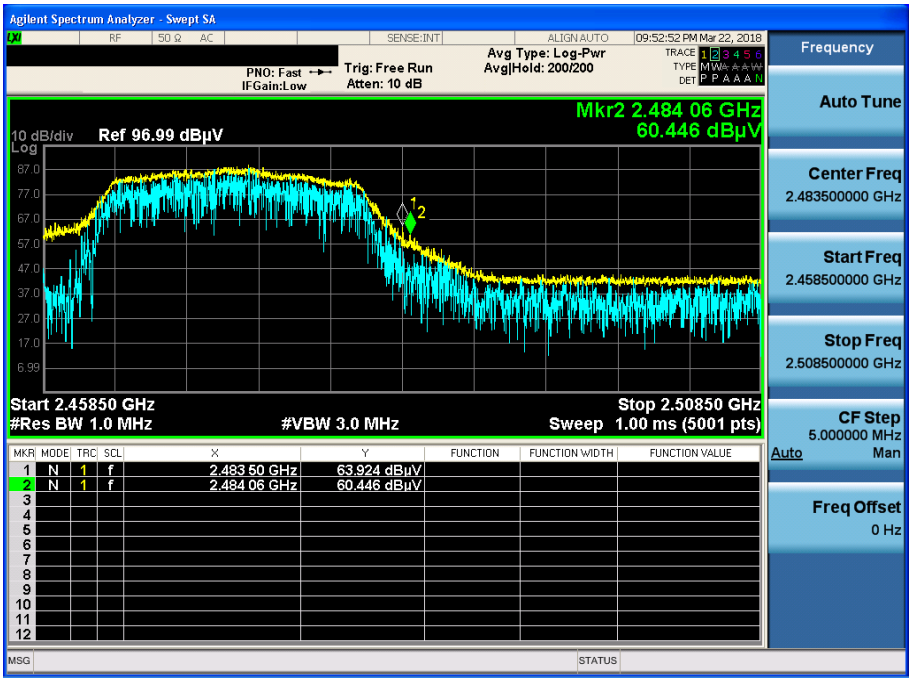
TM 9 & 2462 & Y axis & Hor **Detector Mode : PK**



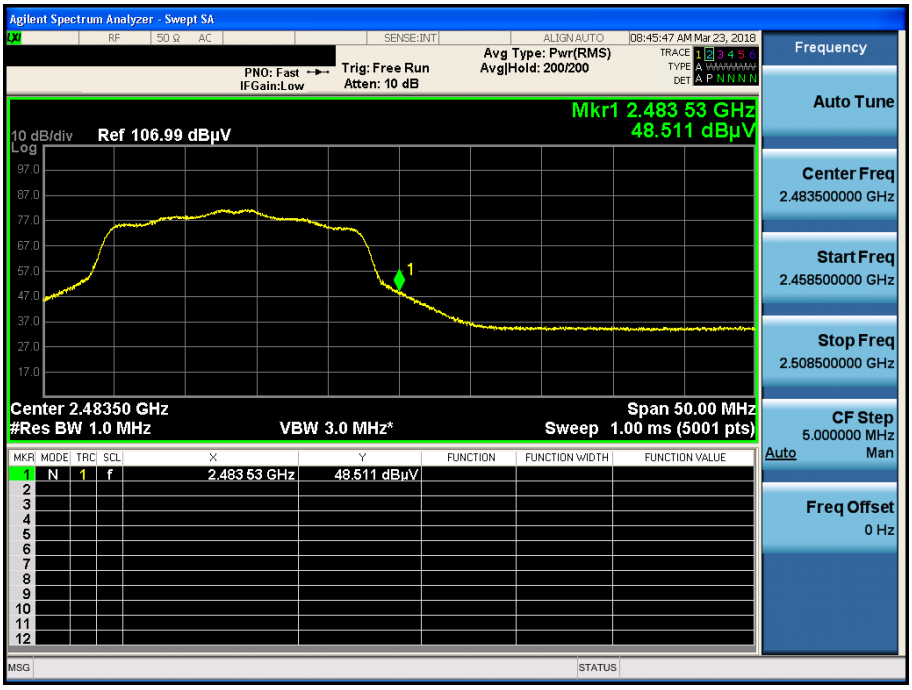
TM 9 & 2462 & Y axis & Hor **Detector Mode : AV**



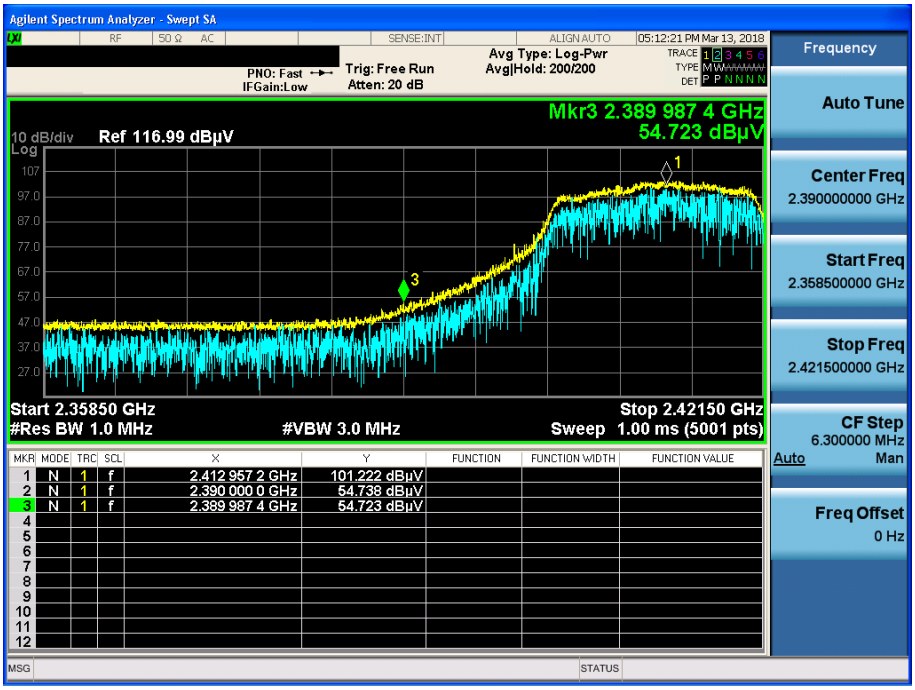
TM 9 & 2472 & Y axis & Hor **Detector Mode : PK**



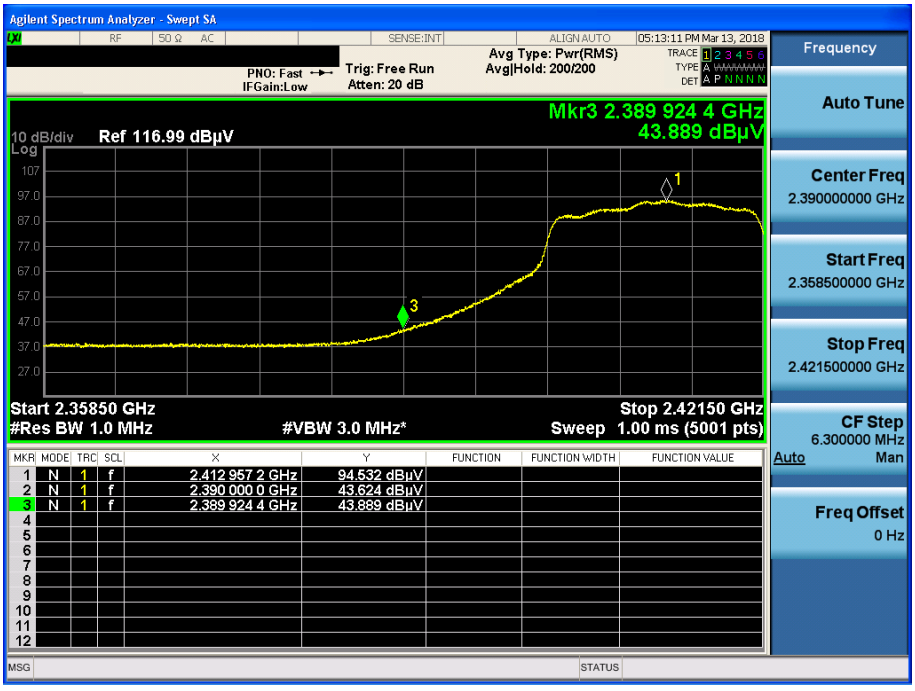
TM 9 & 2472 & Y axis & Hor **Detector Mode : AV**



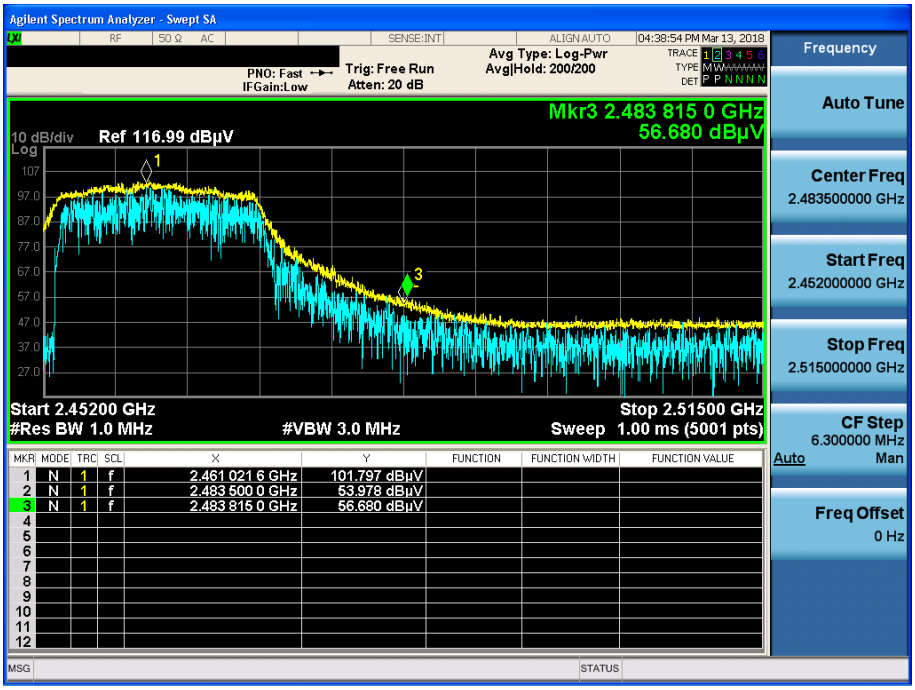
TM 10 & 2412 & Y axis & Hor **Detector Mode : PK**



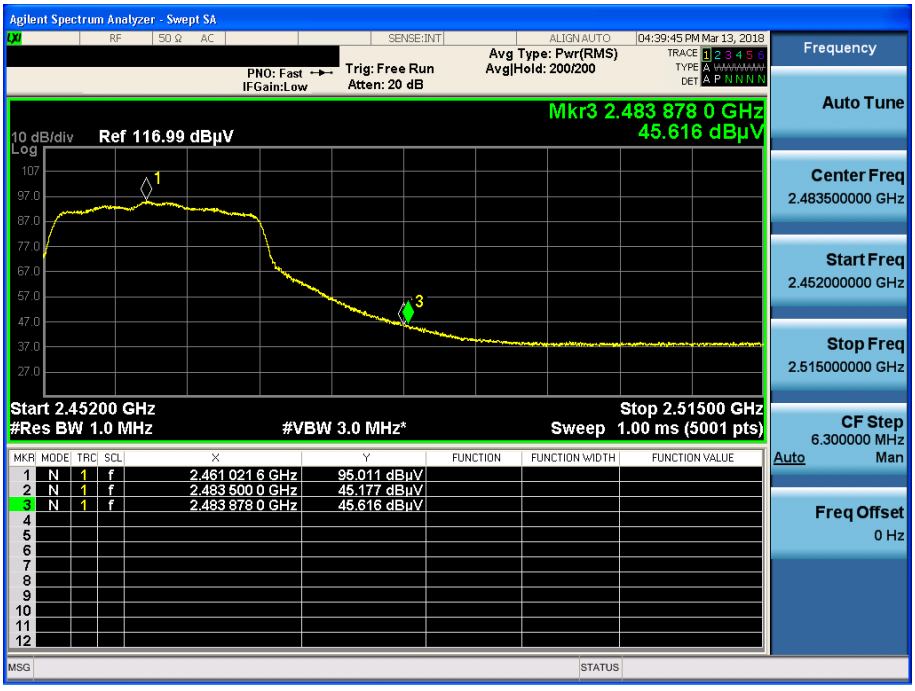
TM 10 & 2412 & Y axis & Hor **Detector Mode : AV**



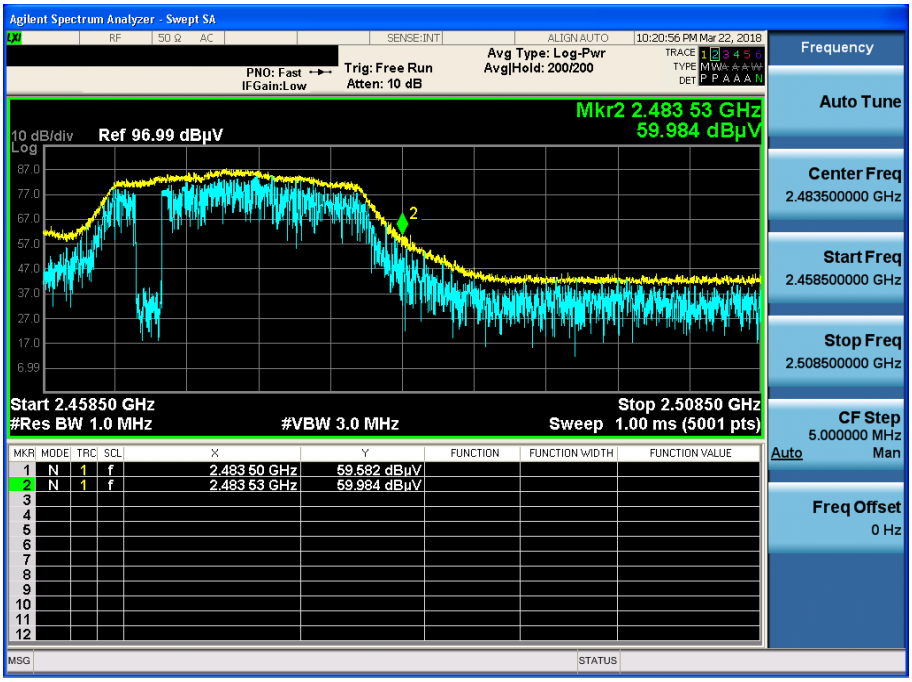
TM 10 & 2462 & Y axis & Hor **Detector Mode : PK**



TM 10 & 2462 & Y axis & Hor **Detector Mode : AV**

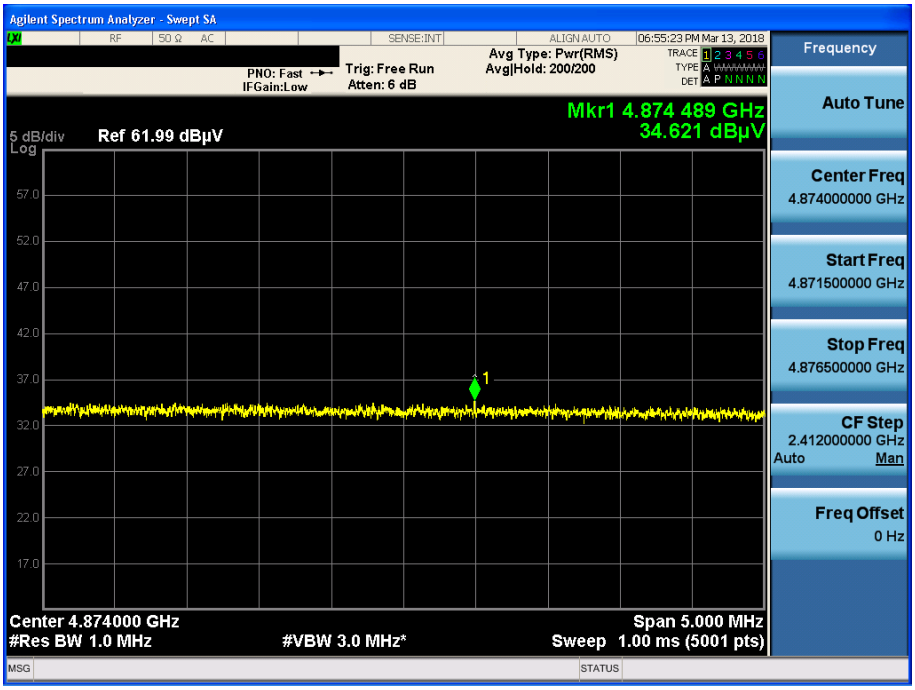


TM 10 & 2472 & Z axis & Ver **Detector Mode : PK**

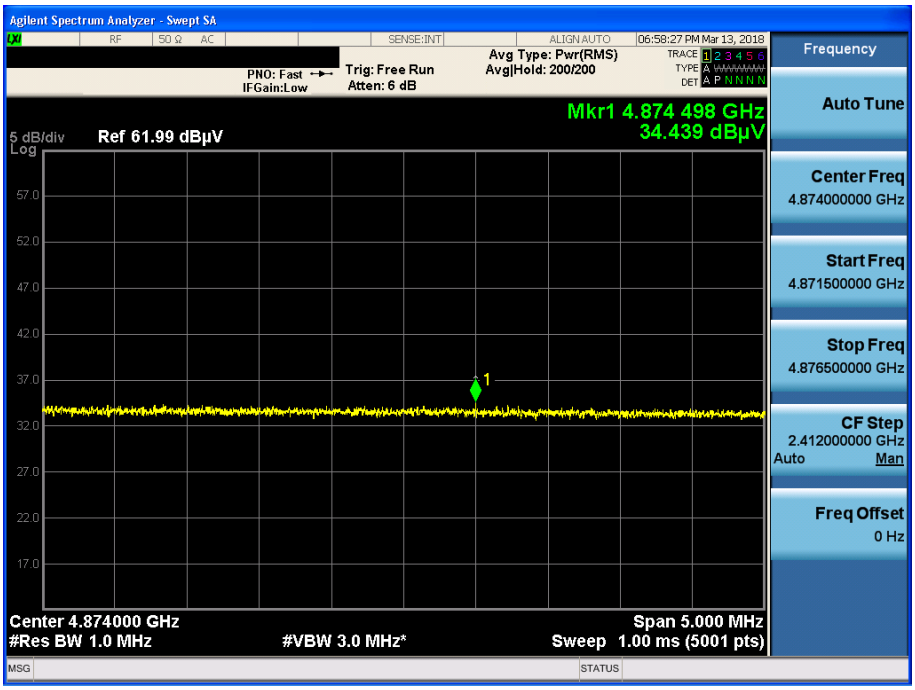


TM 10 & 2472 & Z axis & Ver **Detector Mode : AV**

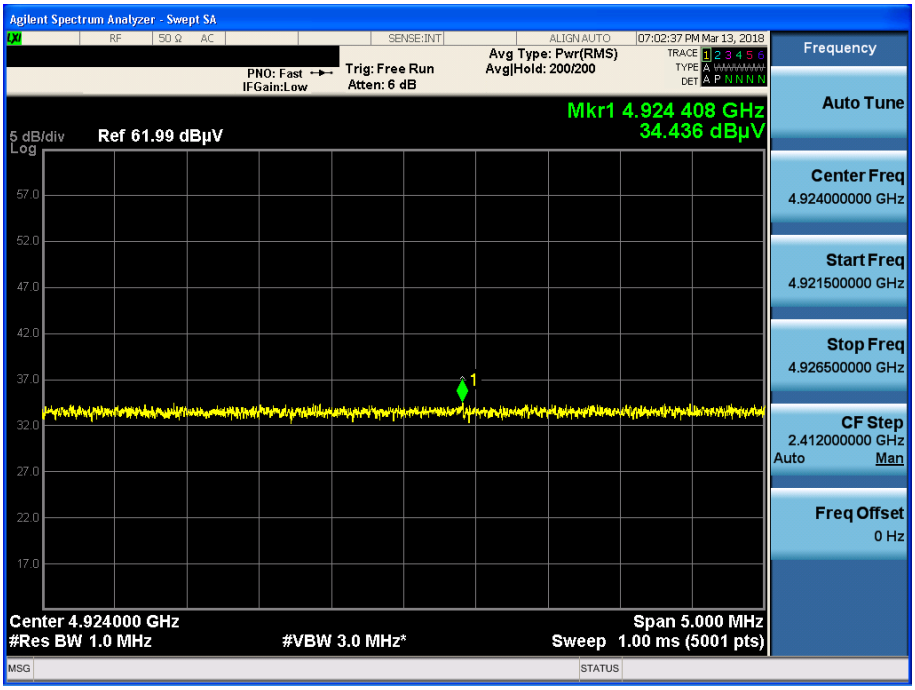
TM 5 & 2437 & X axis & Hor **Detector Mode : AV**



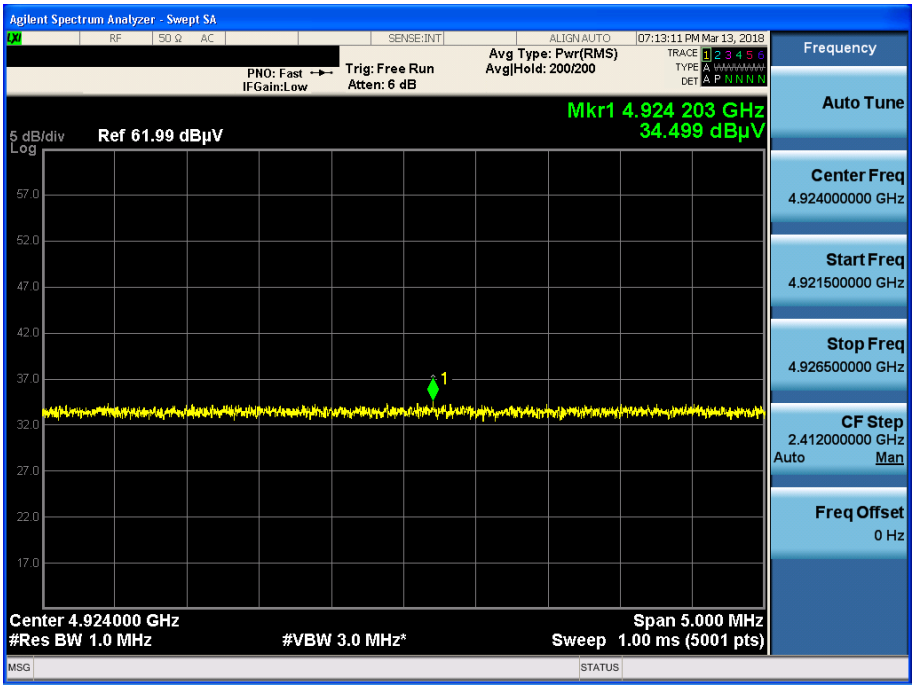
TM 6 & 2437 & X axis & Hor **Detector Mode : AV**



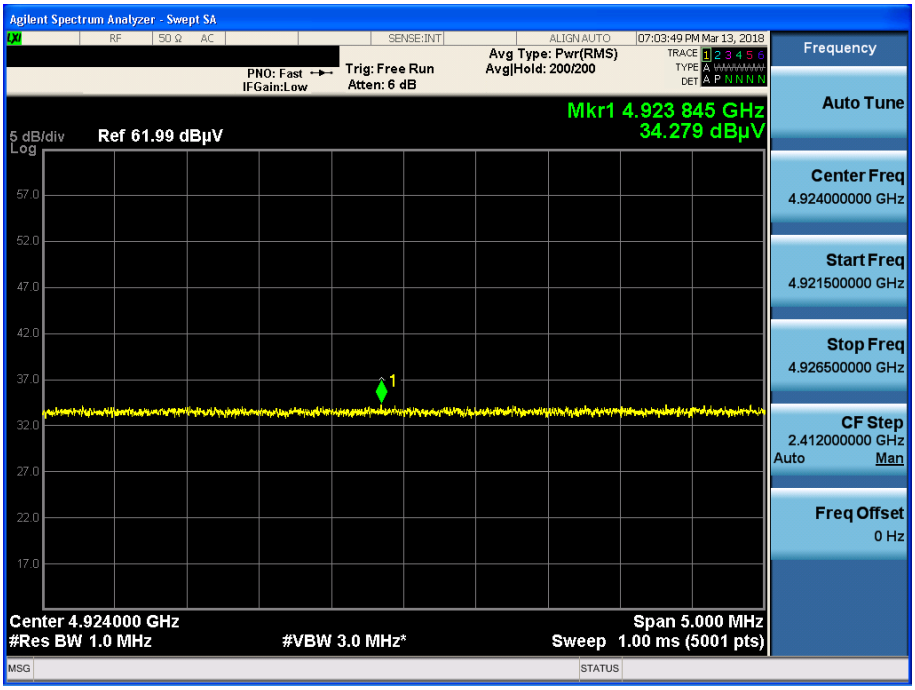
TM 7 & 2462 & X axis & Hor **Detector Mode : AV**



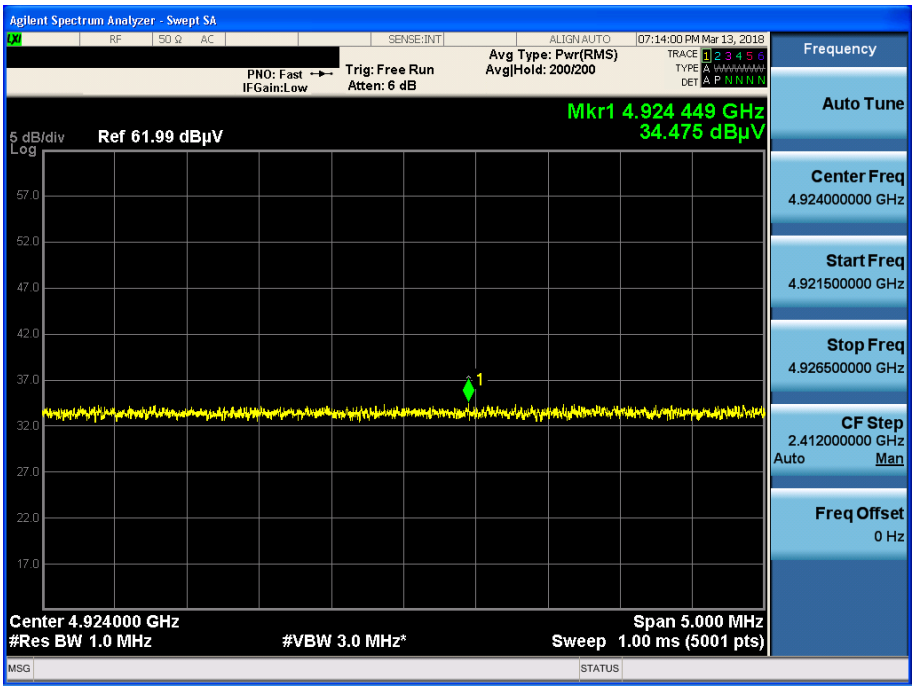
TM 8 & 2462 & X axis & Hor **Detector Mode : AV**



TM 9 & 2462 & X axis & Hor **Detector Mode : AV**

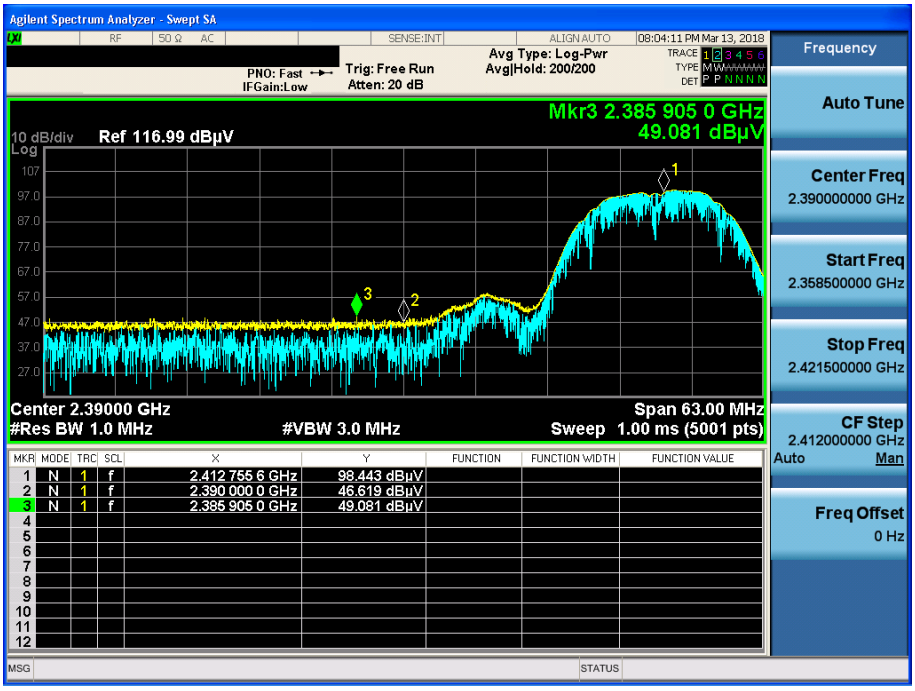


TM 10 & 2462 & X axis & Hor **Detector Mode : AV**

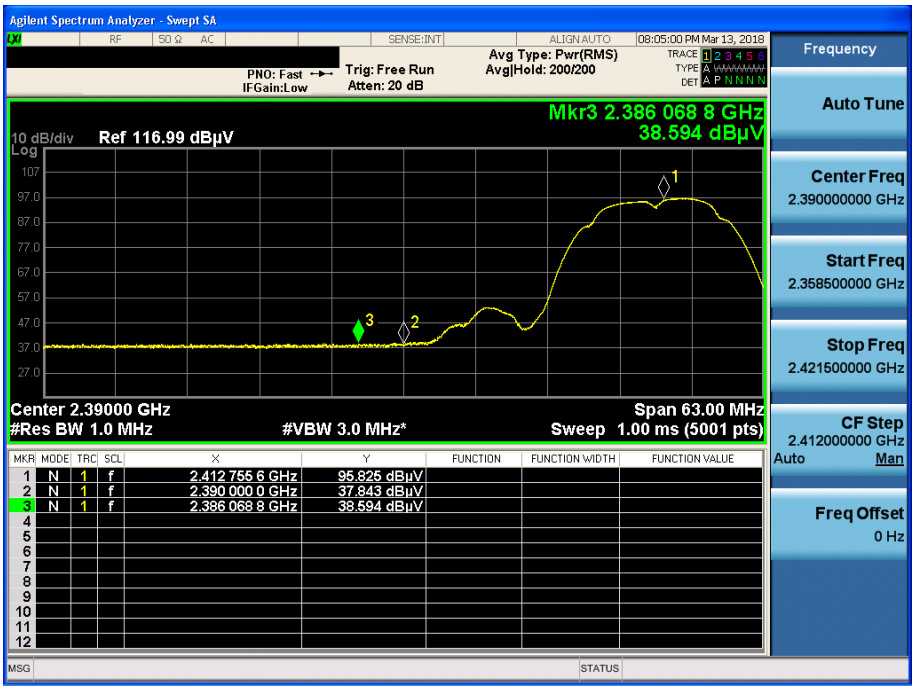


Unwanted Emissions (Radiated) Test Plot _ Wireless Charging

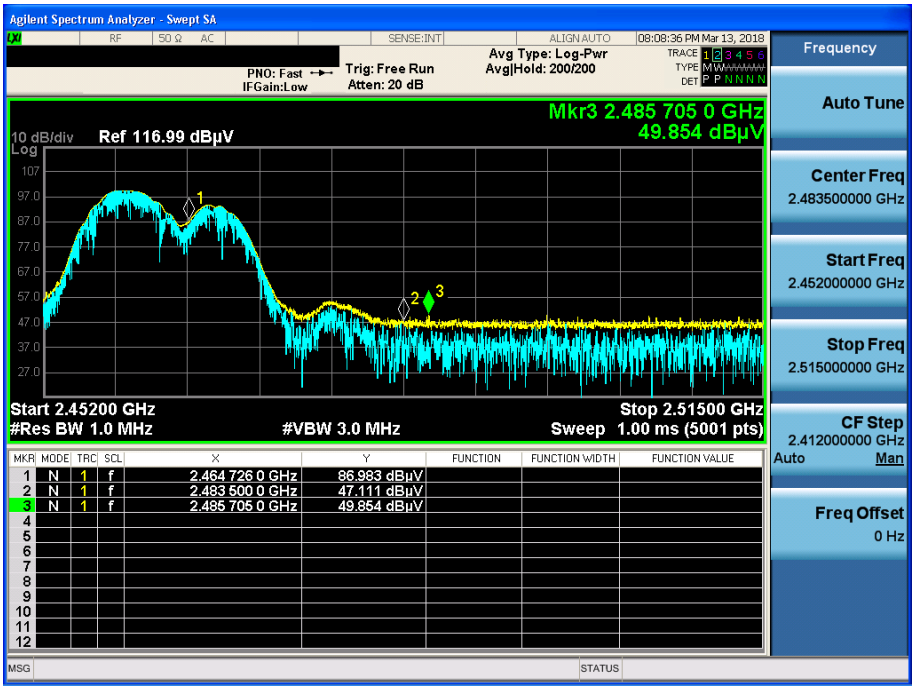
TM 5 & 2412 & X axis & Hor **Detector Mode : PK**



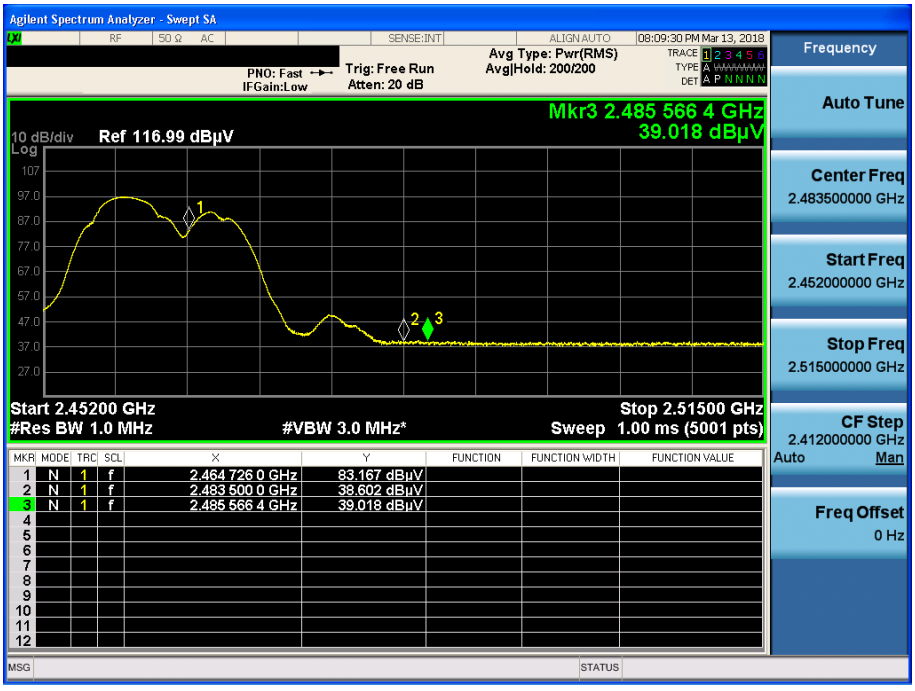
TM 5 & 2412 & X axis & Hor **Detector Mode : AV**



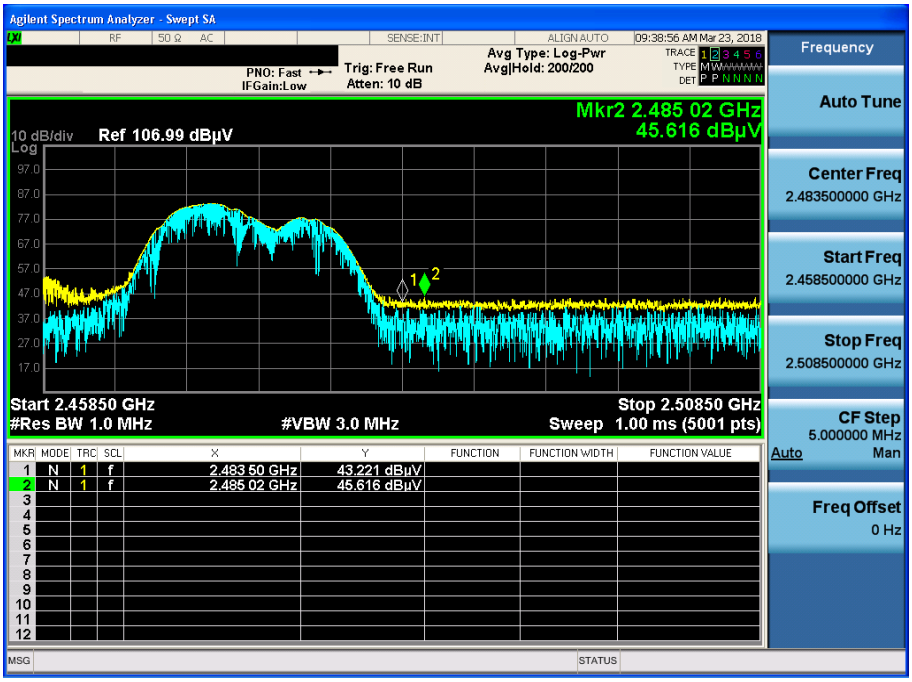
TM 5 & 2462 & X axis & Hor **Detector Mode : PK**



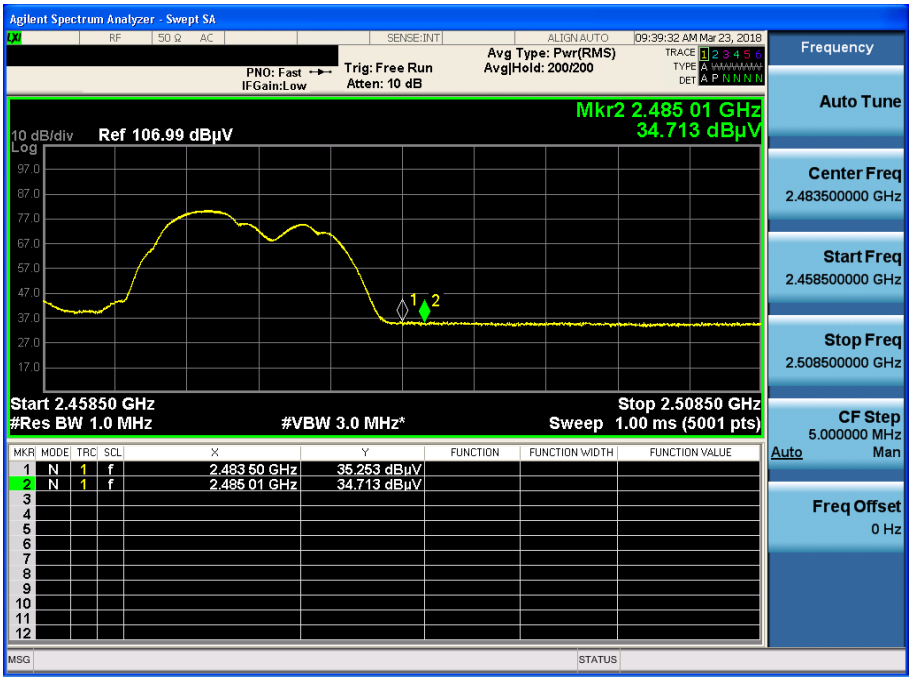
TM 5 & 2462 & X axis & Hor **Detector Mode : AV**



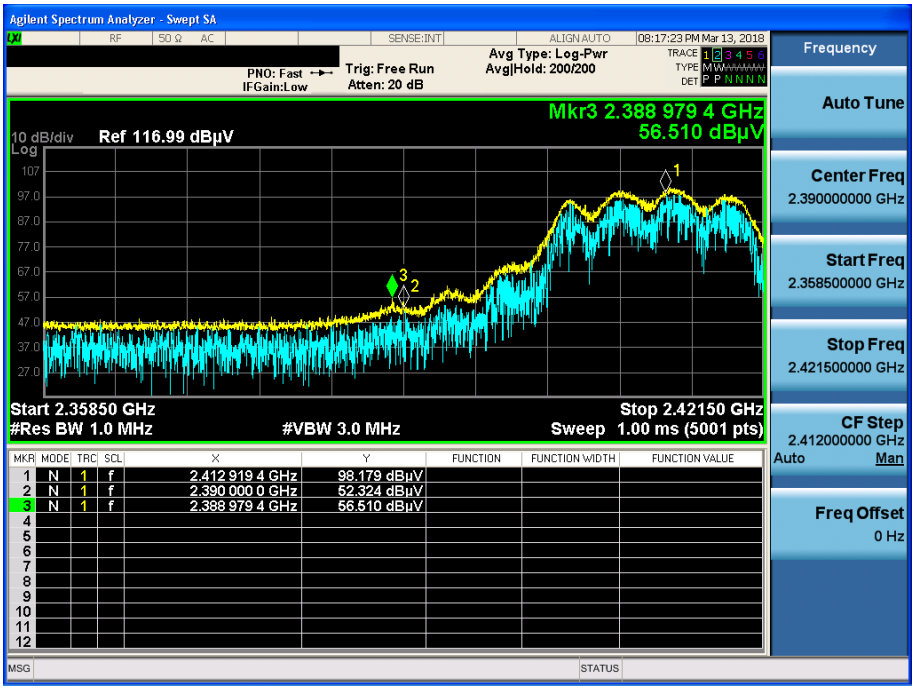
TM 5 & 2472 & X axis & Hor **Detector Mode : PK**



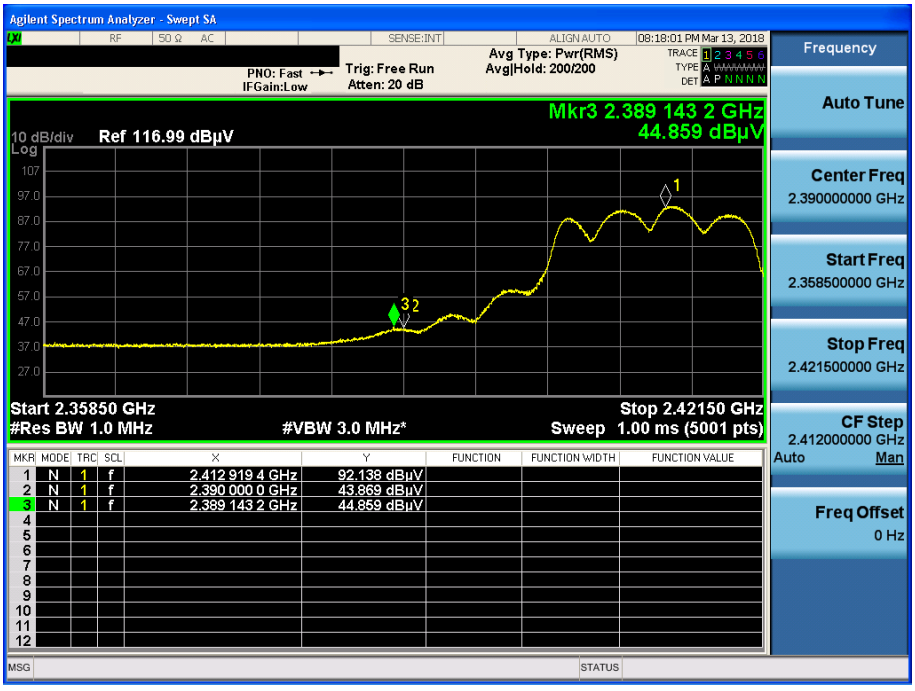
TM 5 & 2472 & X axis & Hor **Detector Mode : AV**



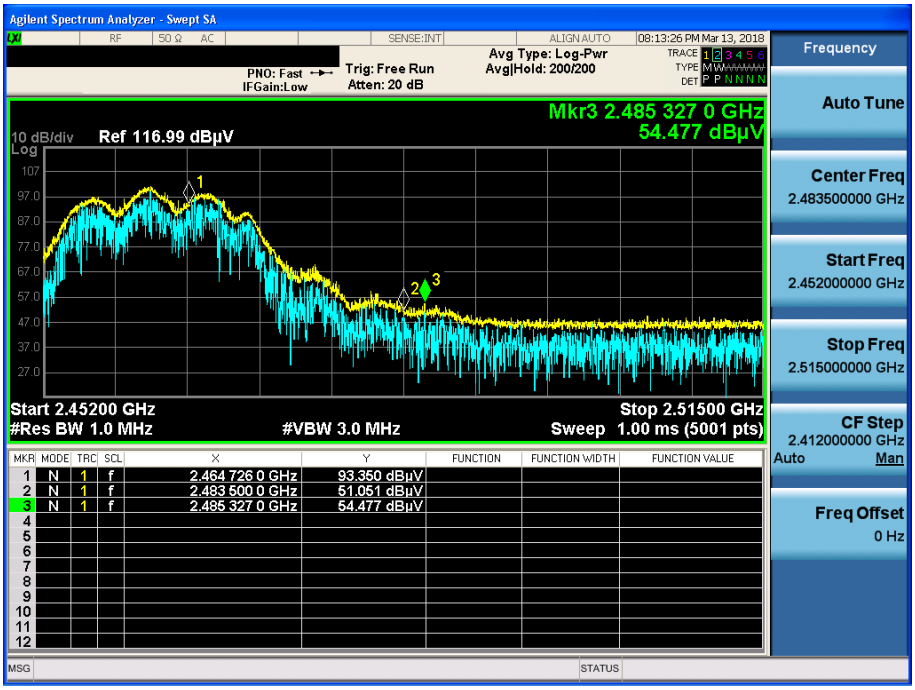
TM 6 & 2412 & X axis & Hor **Detector Mode : PK**



TM 6 & 2412 & X axis & Hor **Detector Mode : AV**

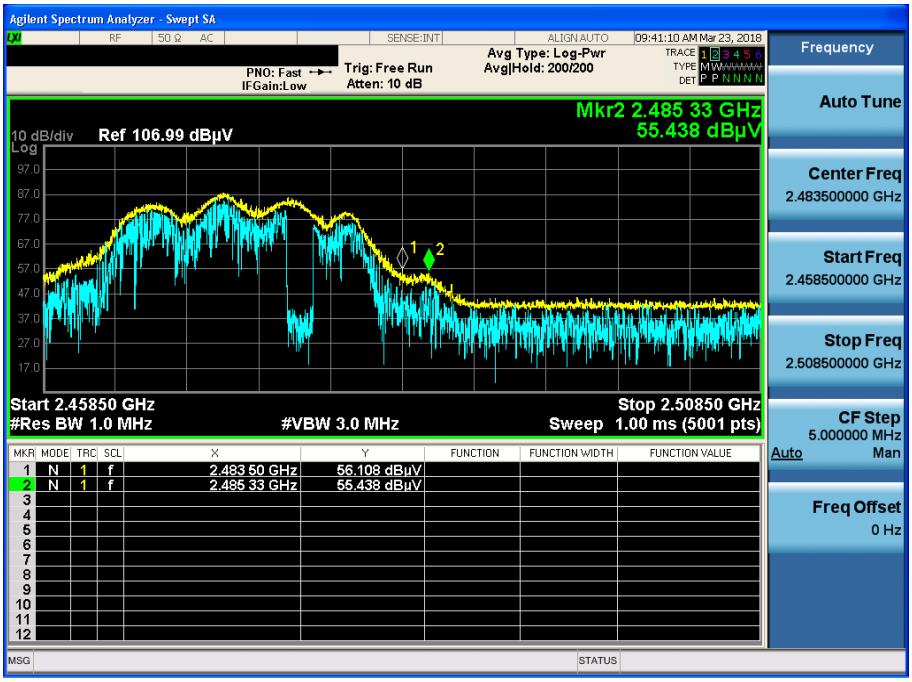


TM 6 & 2462 & X axis & Hor **Detector Mode : PK**

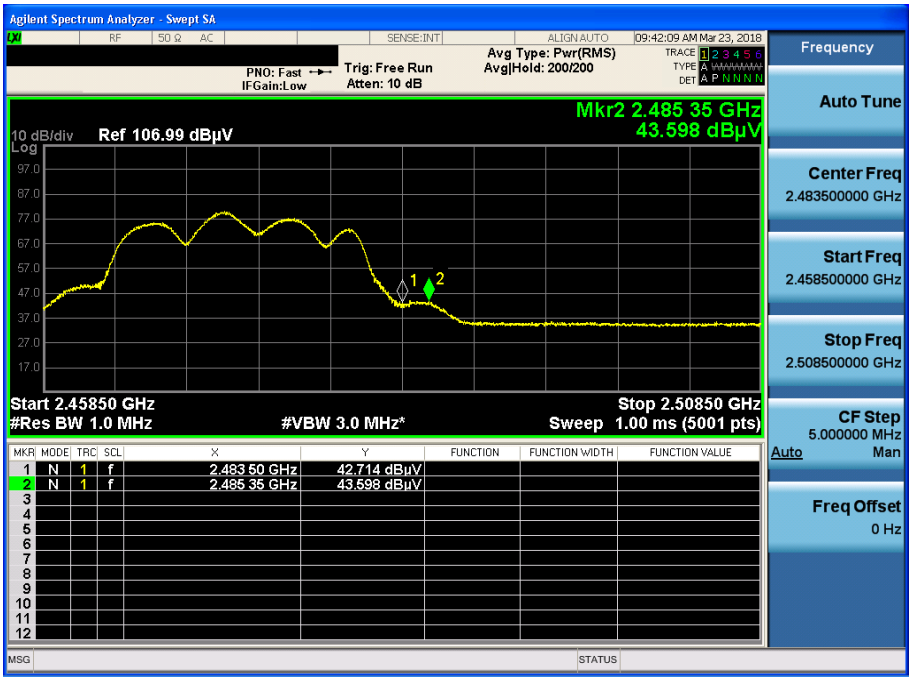


TM 6 & 2462 & X axis & Hor **Detector Mode : AV**

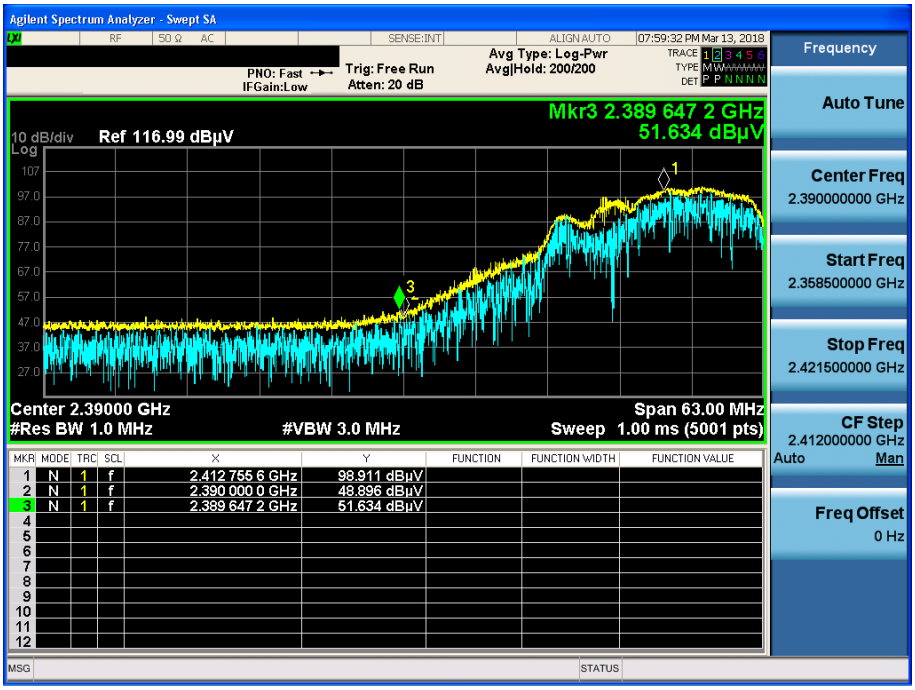
TM 6 & 2472 & X axis & Hor **Detector Mode : PK**



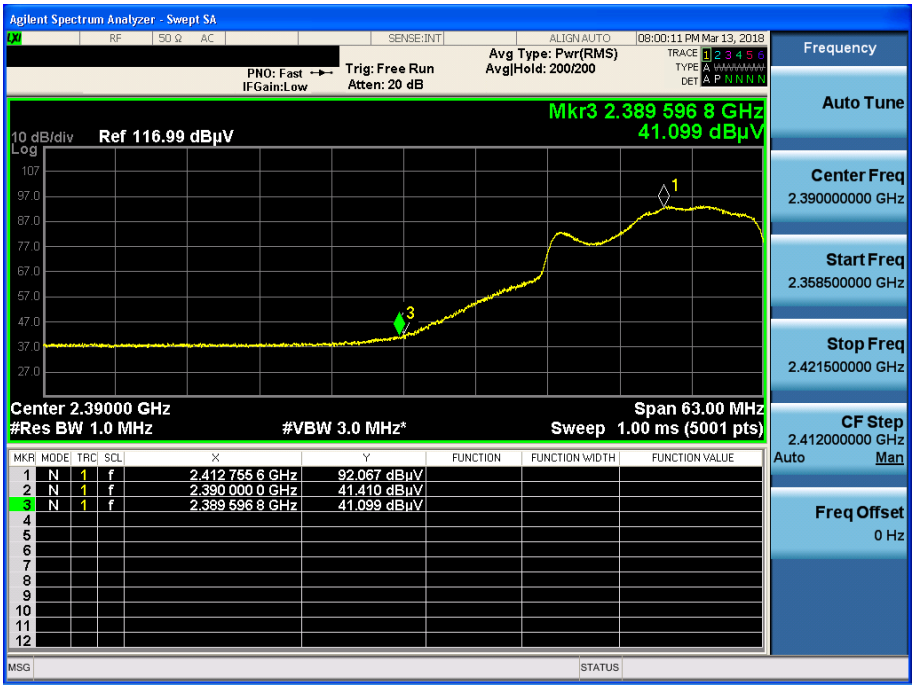
TM 6 & 2472 & X axis & Hor **Detector Mode : AV**



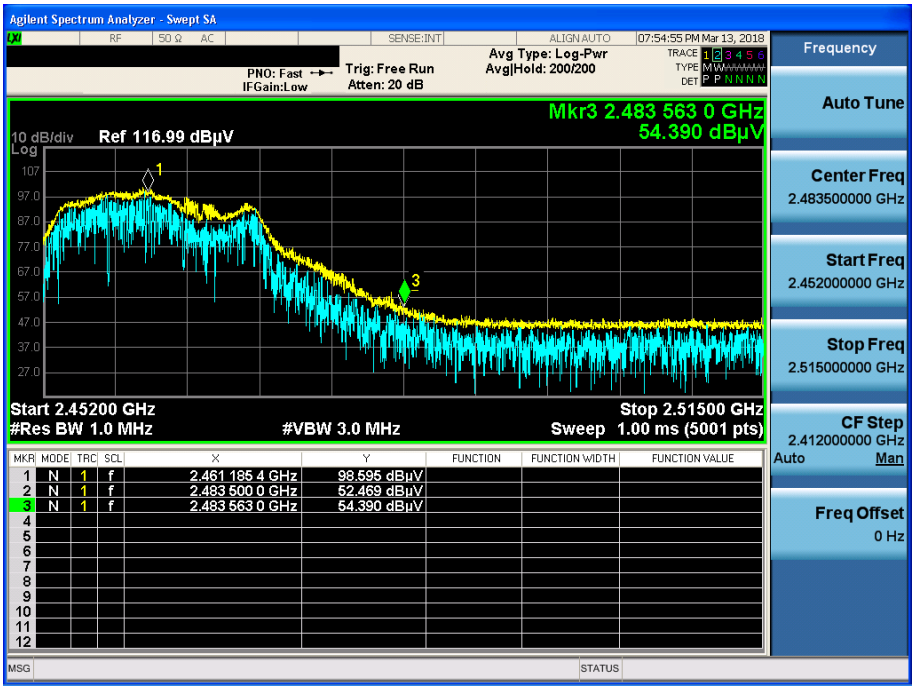
TM 7 & 2412 & X axis & Hor **Detector Mode : PK**



TM 7 & 2412 & X axis & Hor **Detector Mode : AV**

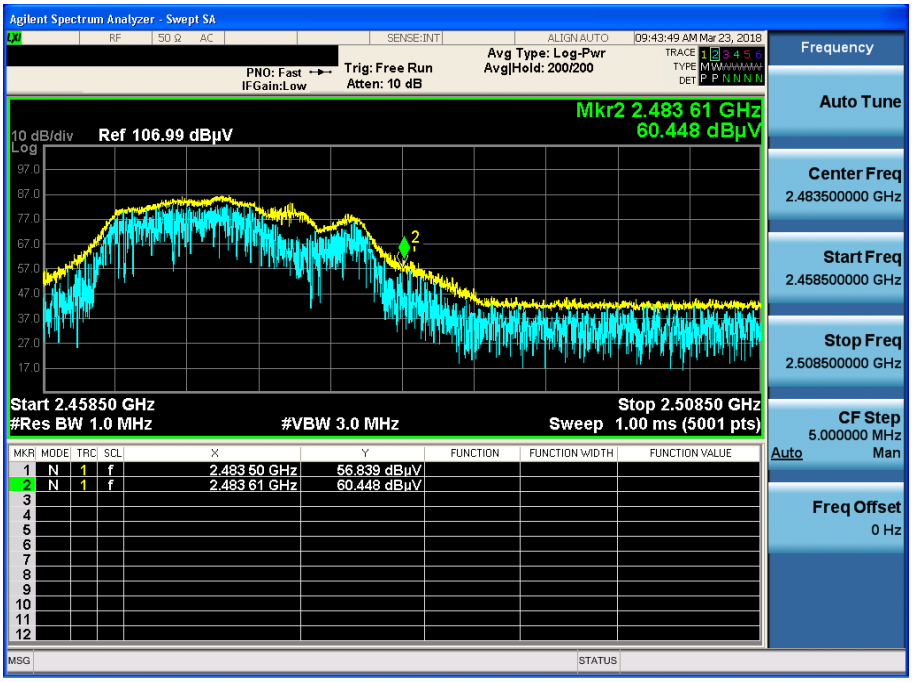


TM 7 & 2462 & X axis & Hor **Detector Mode : PK**

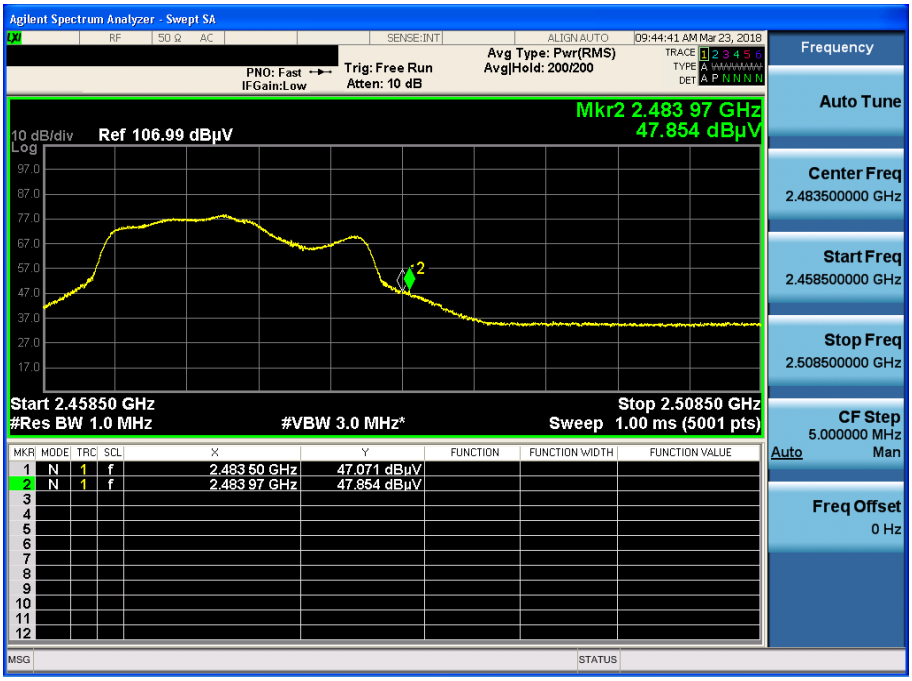


TM 7 & 2462 & X axis & Hor **Detector Mode : AV**

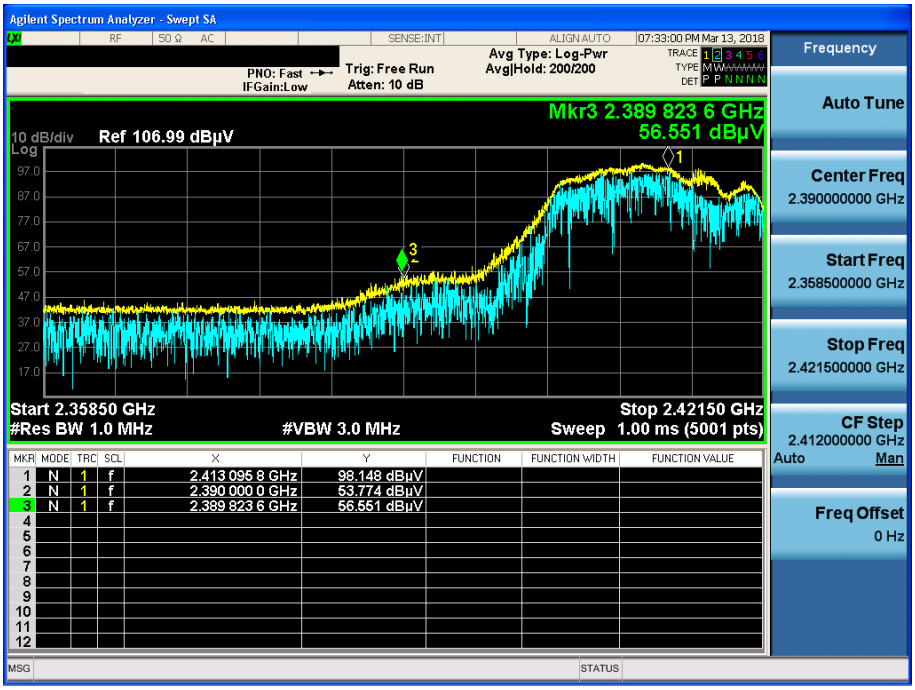
TM 7 & 2472 & X axis & Hor **Detector Mode : PK**



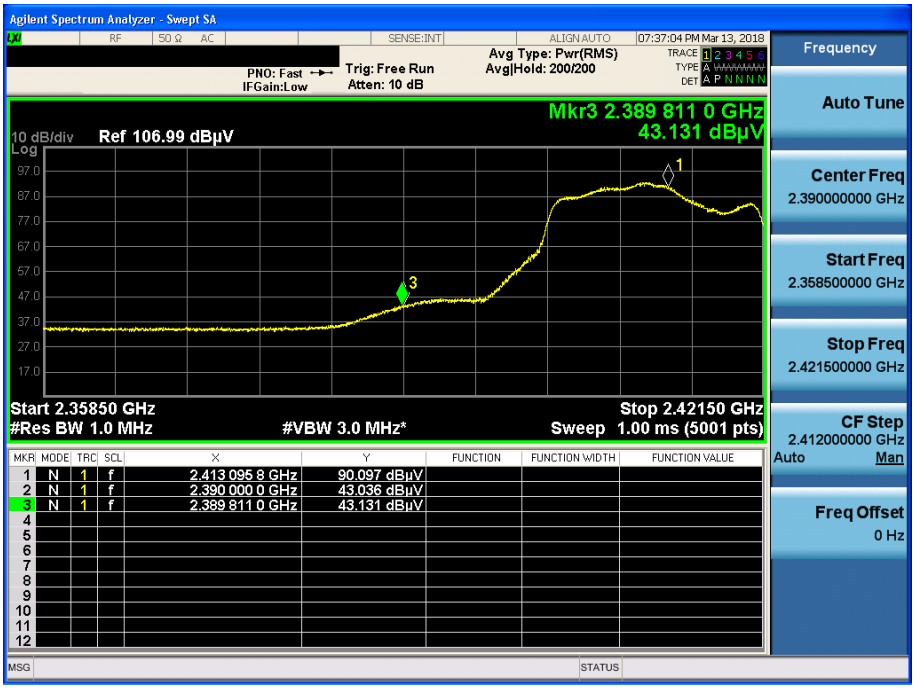
TM 7 & 2472 & X axis & Hor **Detector Mode : AV**



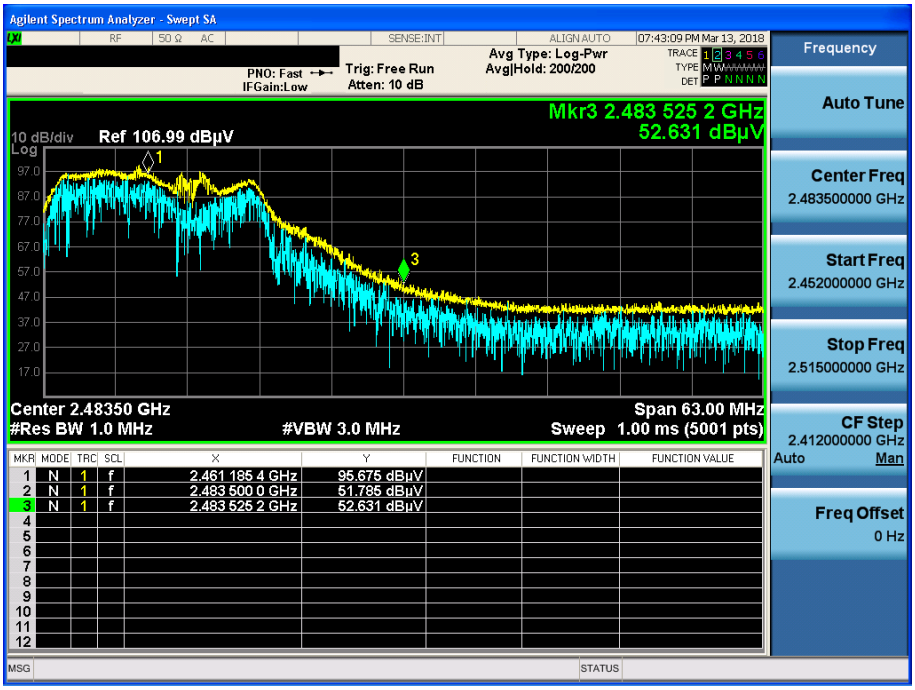
TM 8 & 2412 & X axis & Hor **Detector Mode : PK**



TM 8 & 2412 & X axis & Hor **Detector Mode : AV**

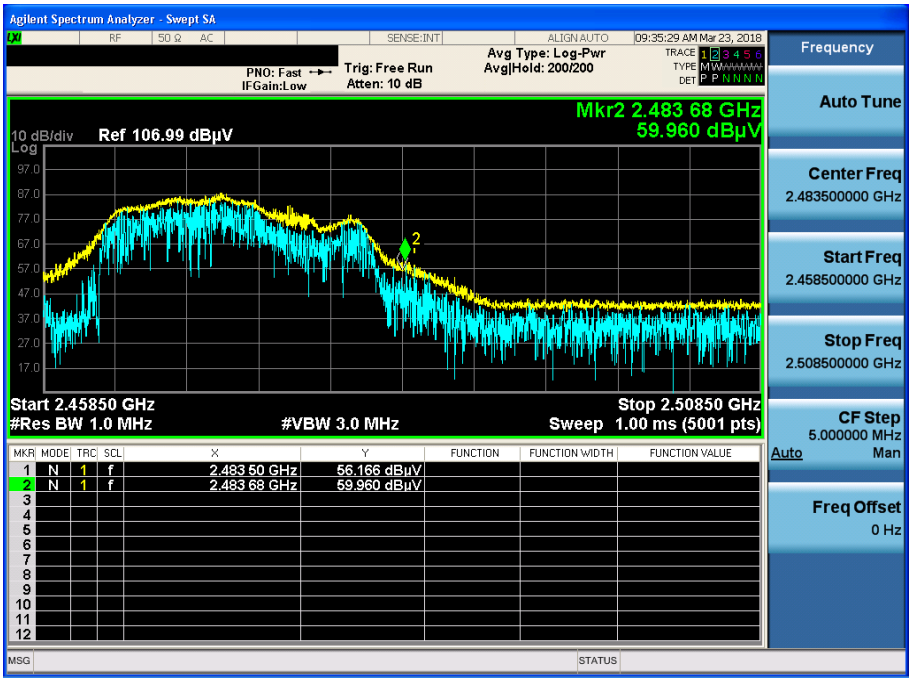


TM 8 & 2462 & X axis & Hor **Detector Mode : PK**



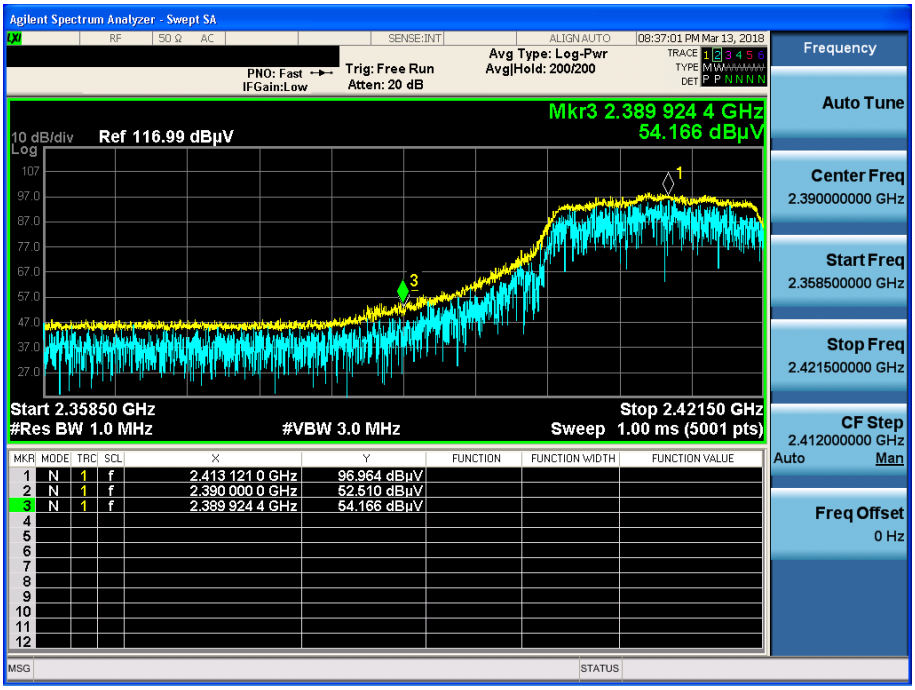
TM 8 & 2462 & X axis & Hor **Detector Mode : AV**

TM 8 & 2472 & X axis & Hor **Detector Mode : PK**

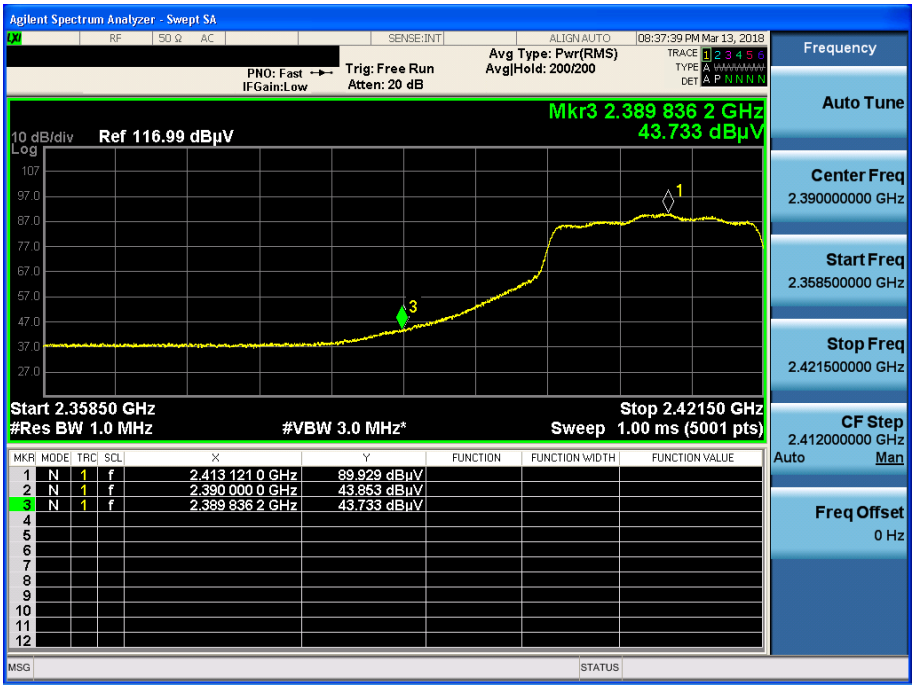


TM 8 & 2472 & X axis & Hor **Detector Mode : AV**

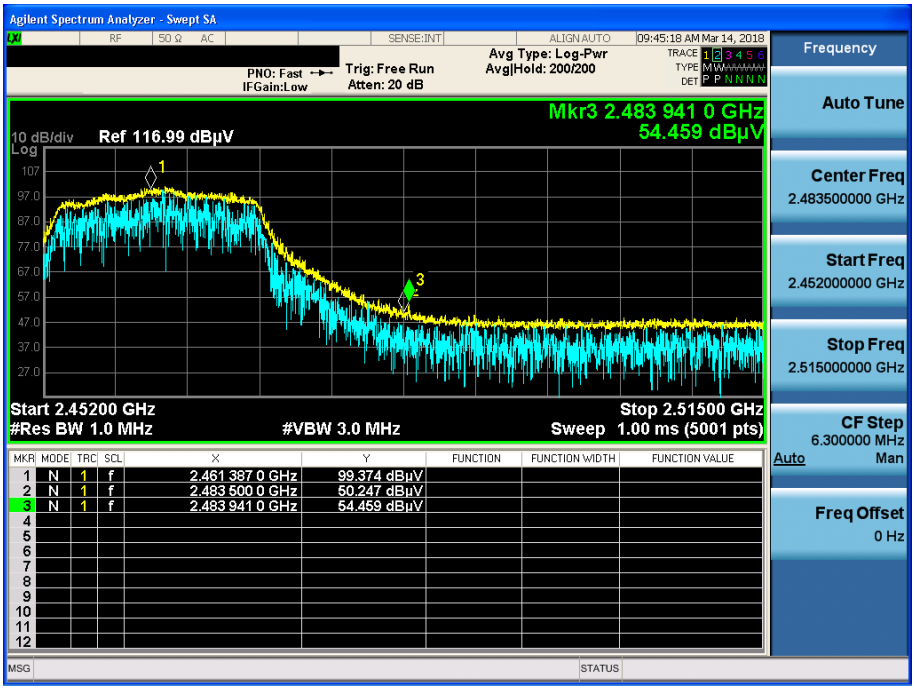
TM 9 & 2412 & X axis & Hor **Detector Mode : PK**



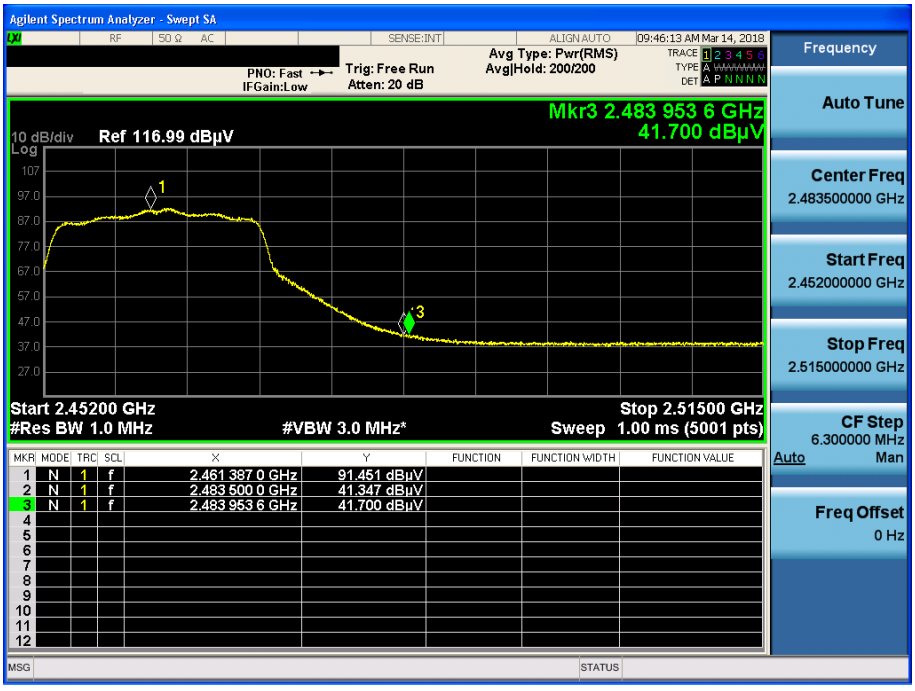
TM 9 & 2412 & X axis & Hor **Detector Mode : AV**



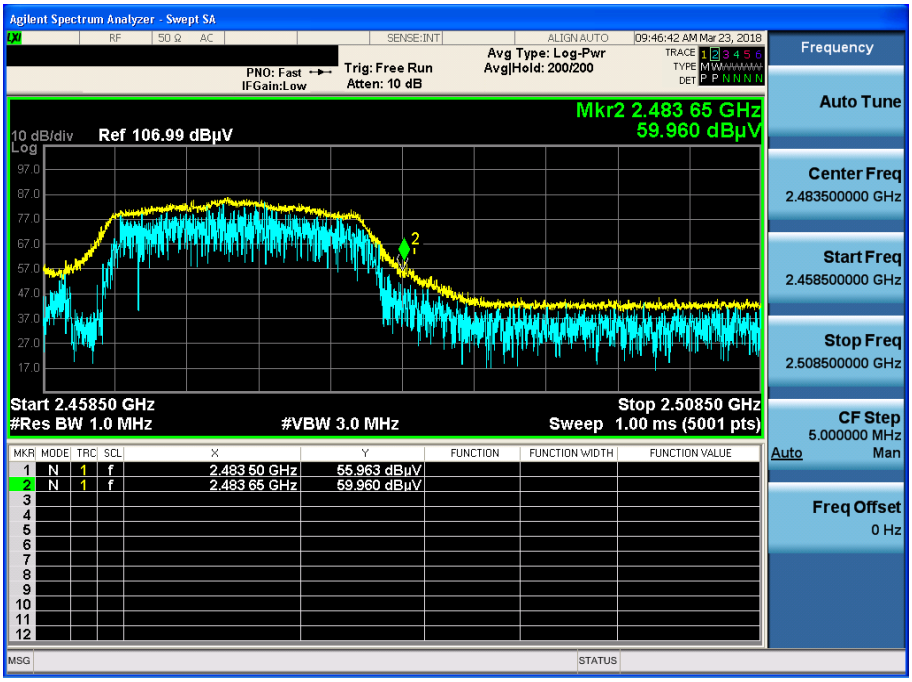
TM 9 & 2462 & X axis & Hor **Detector Mode : PK**



TM 9 & 2462 & X axis & Hor **Detector Mode : AV**

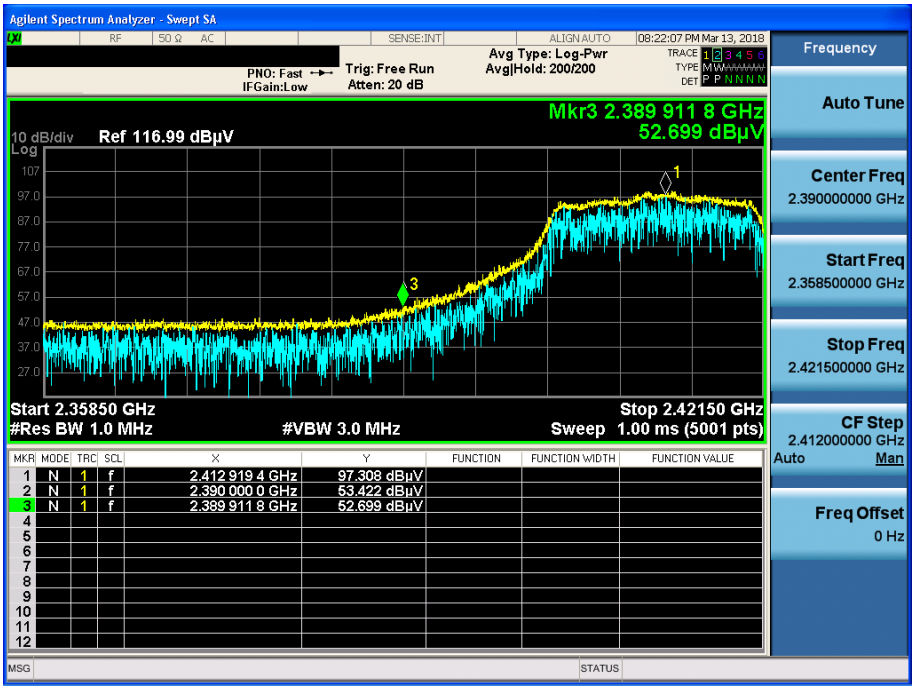


TM 9 & 2472 & X axis & Hor **Detector Mode : PK**

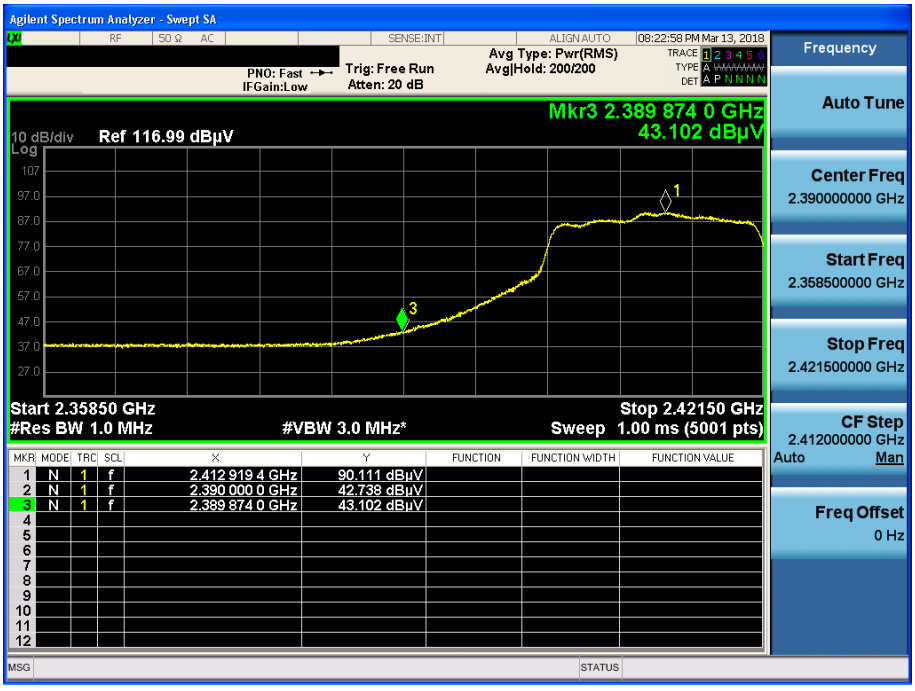


TM 9 & 2472 & X axis & Hor **Detector Mode : AV**

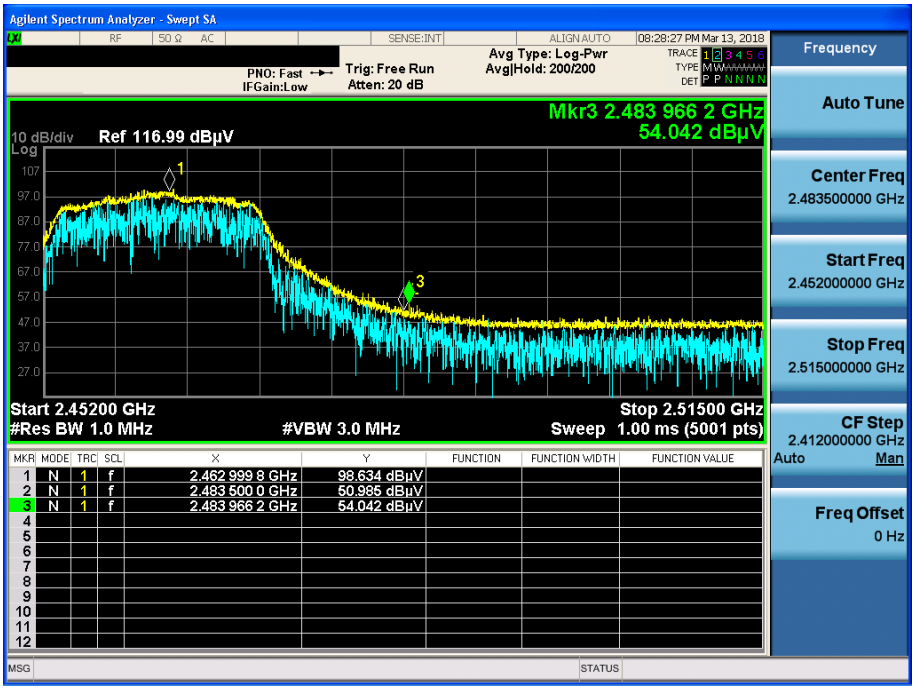
TM 10 & 2412 & X axis & Hor **Detector Mode : PK**



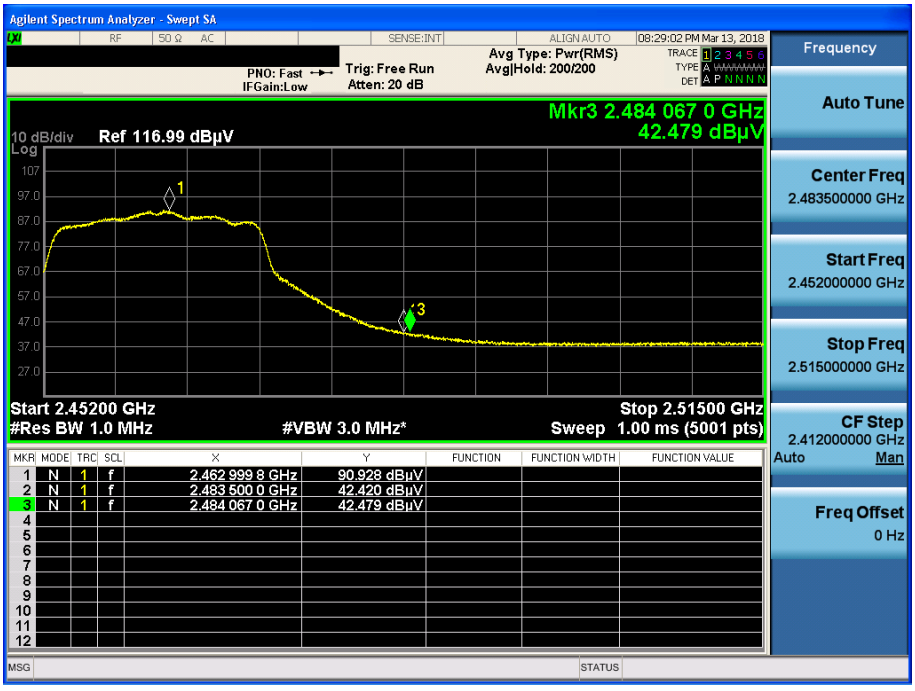
TM 10 & 2412 & X axis & Hor **Detector Mode : AV**



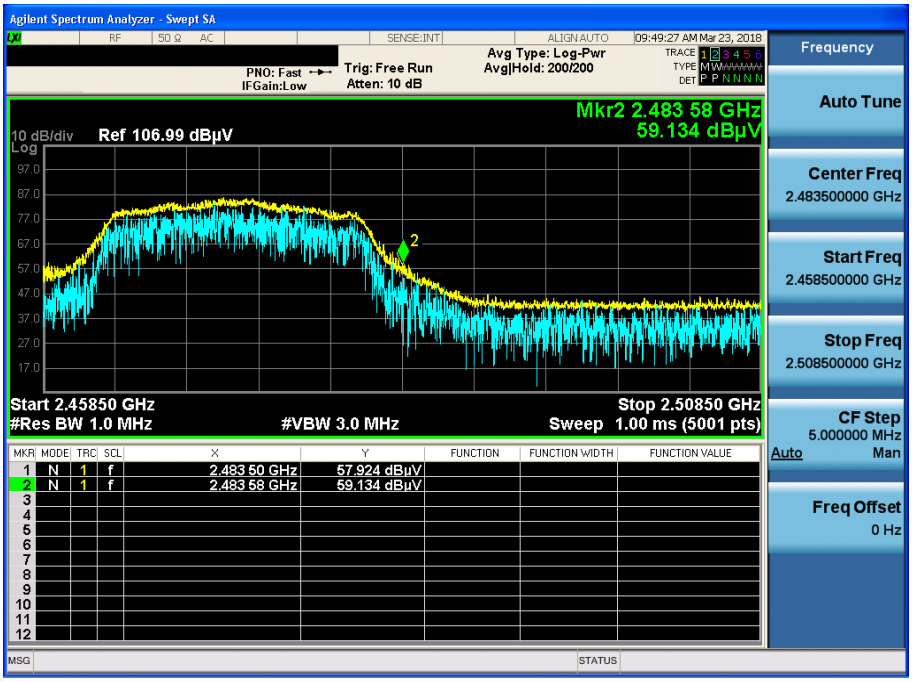
TM 10 & 2462 & X axis & Hor **Detector Mode : PK**



TM 10 & 2462 & X axis & Hor **Detector Mode : AV**

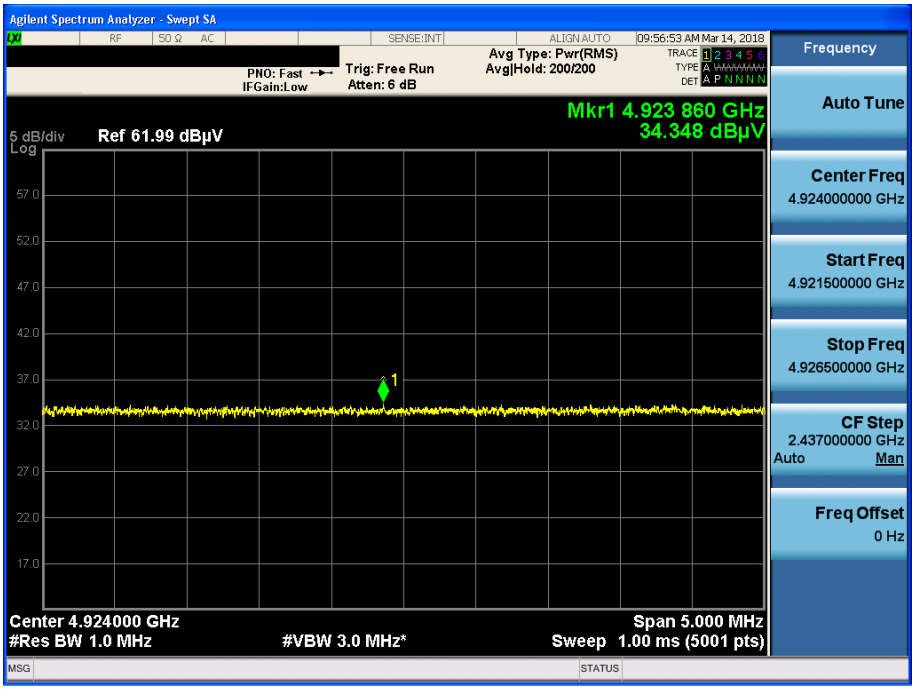


TM 10 & 2472 & X axis & Hor **Detector Mode : PK**

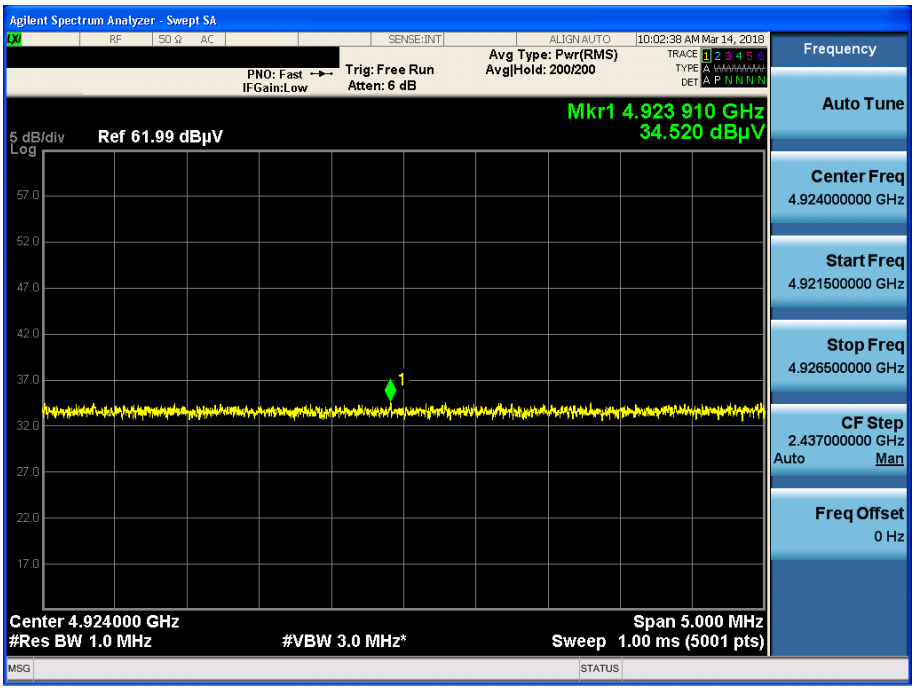


TM 10 & 2472 & X axis & Hor **Detector Mode : AV**

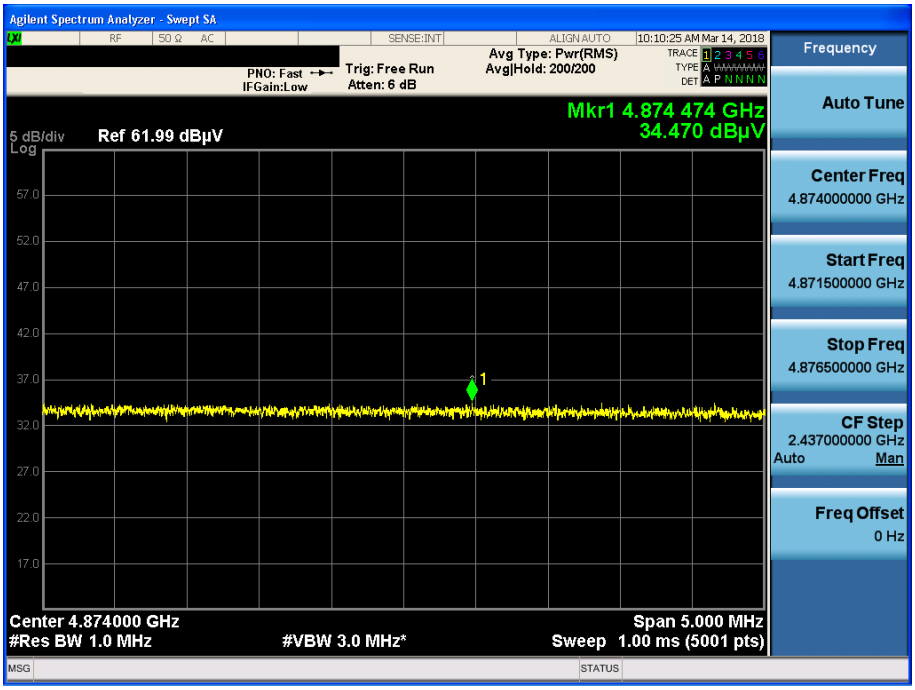
TM 5 & 2462 & X axis & Hor **Detector Mode : AV**



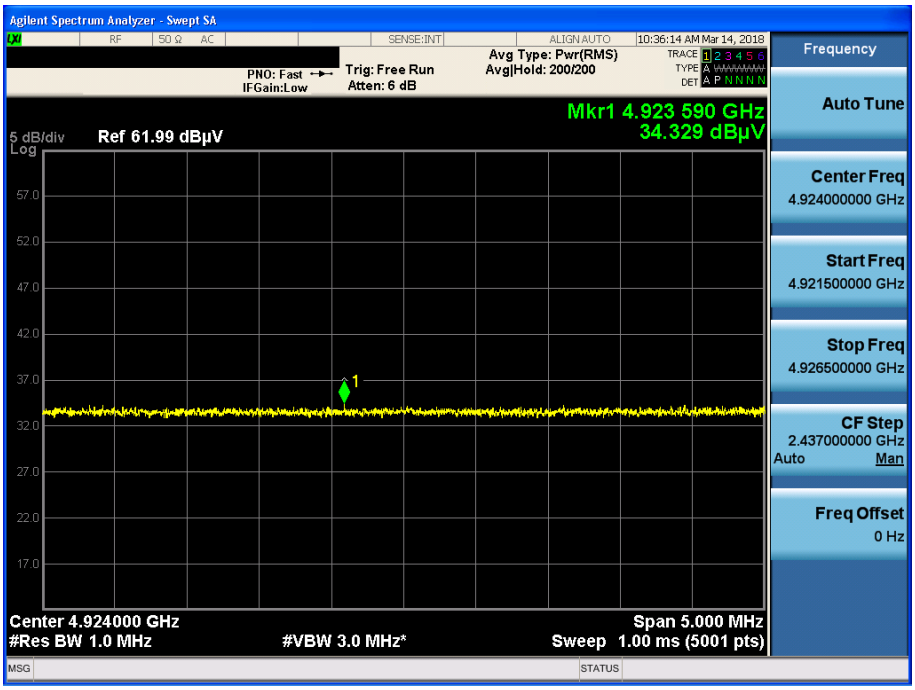
TM 6 & 2462 & X axis & Hor **Detector Mode : AV**



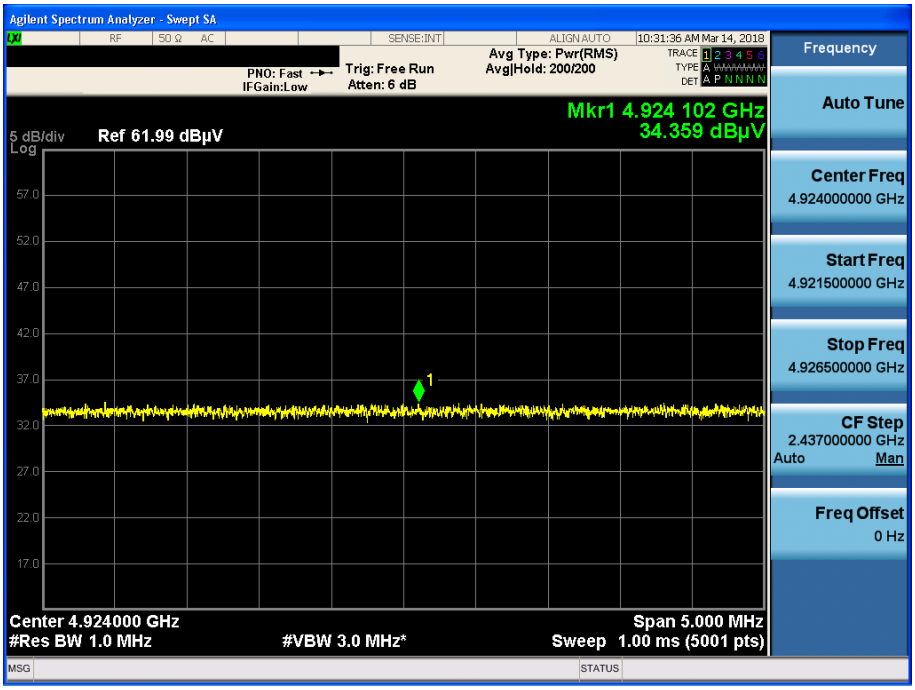
TM 7 & 2437 & X axis & Hor **Detector Mode : AV**



TM 8 & 2462 & X axis & Hor **Detector Mode : AV**



TM 9 & 2462 & X axis & Hor **Detector Mode : AV**



TM 10 & 2462 & X axis & Hor **Detector Mode : AV**