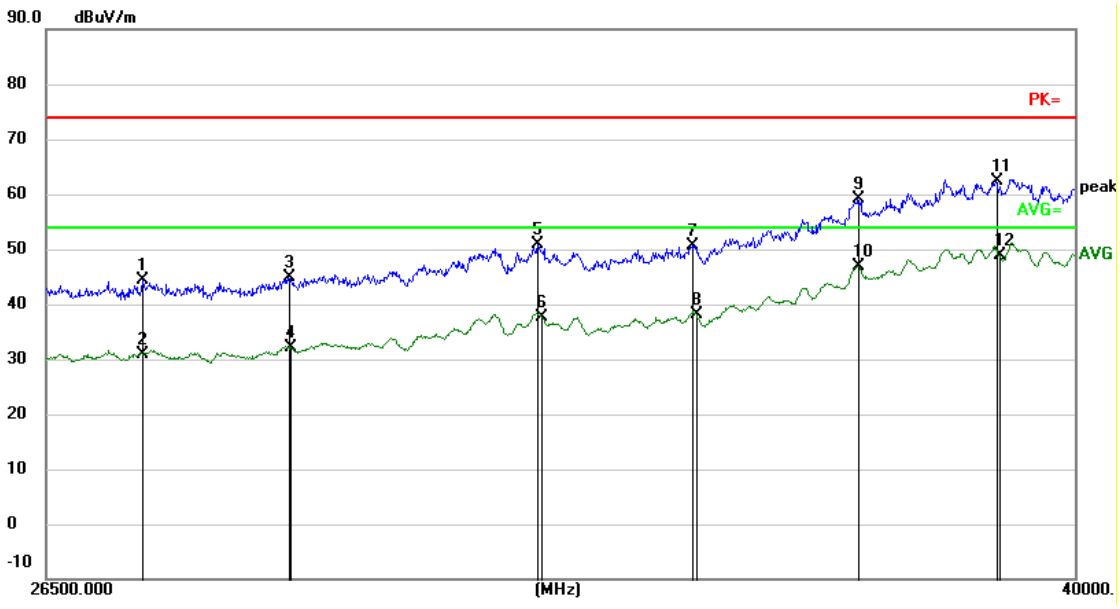
TEST RESULTS (Between 26500MHz – 40000 MHz)

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Vertical**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27545.737	0.60	43.77	44.37	74.00	-29.63	peak
2	27545.737	0.60	30.38	30.98	54.00	-23.02	AVG
3	29192.225	1.06	43.87	44.93	74.00	-29.07	peak
4	29228.305	1.05	31.05	32.10	54.00	-21.90	AVG
5	32264.060	1.69	49.31	51.00	74.00	-23.00	peak
6	32317.241	1.70	36.05	37.75	54.00	-16.25	AVG
7	34333.648	2.02	48.54	50.56	74.00	-23.44	peak
8	34376.084	2.02	36.05	38.07	54.00	-15.93	AVG
9	36671.630	2.41	56.79	59.20	74.00	-14.80	peak
10	36671.630	2.41	44.54	46.95	54.00	-7.05	AVG
11	38751.749	2.76	59.64	62.40	74.00	-11.60	peak
12	38799.645	2.76	46.24	49.00	54.00	-5.00	AVG

The test result is calculated as the following:

(4) Result = Reading + Correct Factor

(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

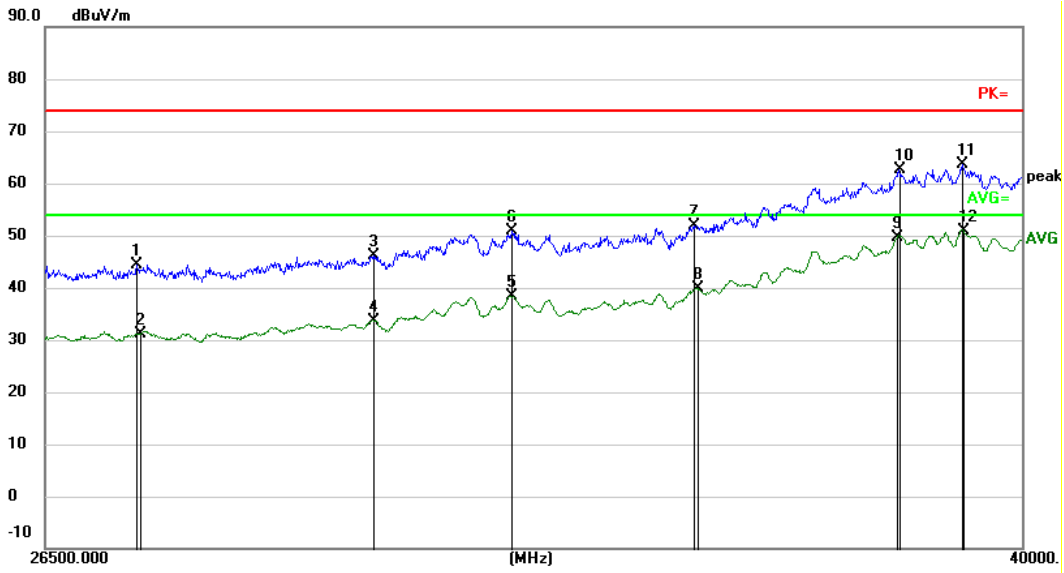
(6) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Horizontal**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27545.737	0.60	43.89	44.49	74.00	-29.51	peak
2	27579.783	0.62	30.47	31.09	54.00	-22.91	AVG
3	30431.784	1.36	44.67	46.03	74.00	-27.97	peak
4	30431.784	1.36	32.37	33.73	54.00	-20.27	AVG
5	32250.779	1.68	36.66	38.34	54.00	-15.66	AVG
6	32264.060	1.69	49.31	51.00	74.00	-23.00	peak
7	34846.347	2.09	49.80	51.89	74.00	-22.11	peak
8	34889.416	2.09	37.68	39.77	54.00	-14.23	AVG
9	37962.132	2.63	47.10	49.73	54.00	-4.27	AVG
10	37977.766	2.64	59.88	62.52	74.00	-11.48	peak
11	39007.878	2.79	60.83	63.62	74.00	-10.38	peak
12	39023.943	2.79	48.17	50.96	54.00	-3.04	AVG

The test result is calculated as the following:

(4) Result = Reading + Correct Factor

(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(6) Margin = Result - Limit

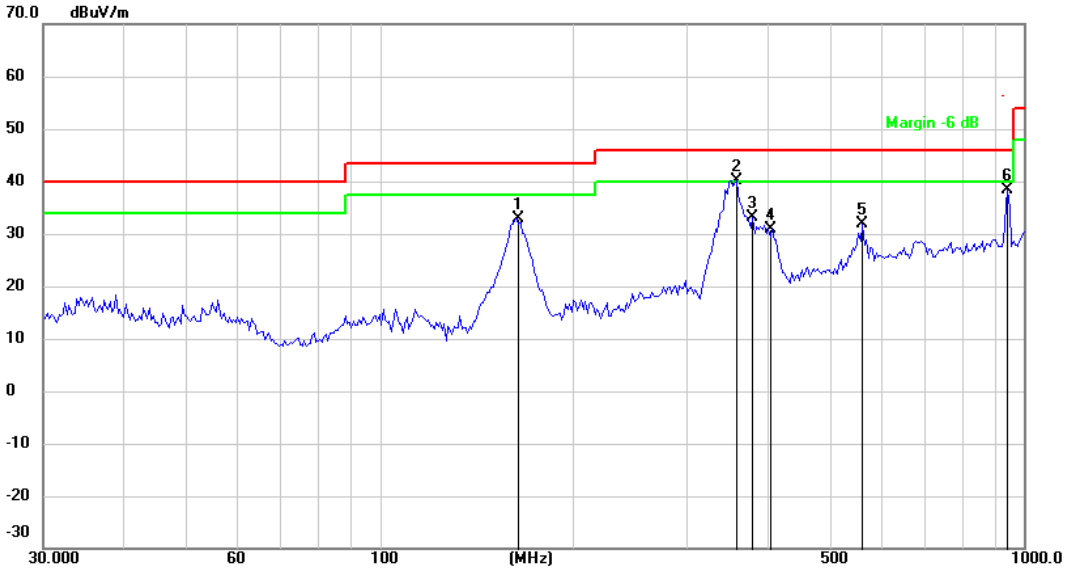
Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 30M – 1000 MHz)

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Vertical**	**Test Result:**	Pass
Standard:	(RE) FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	163.1623	-11.58	44.53	32.95	43.50	-10.55	QP
2	358.4497	-3.98	44.15	40.17	46.00	-5.83	QP
3	379.1780	-3.33	36.49	33.16	46.00	-12.84	QP
4	401.1050	-2.66	33.63	30.97	46.00	-15.03	QP
5	562.0143	0.12	31.69	31.81	46.00	-14.19	QP
6	945.3336	3.57	34.75	38.32	46.00	-7.68	QP

The test result is calculated as the following:

(7) Result = Reading + Correct Factor

(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

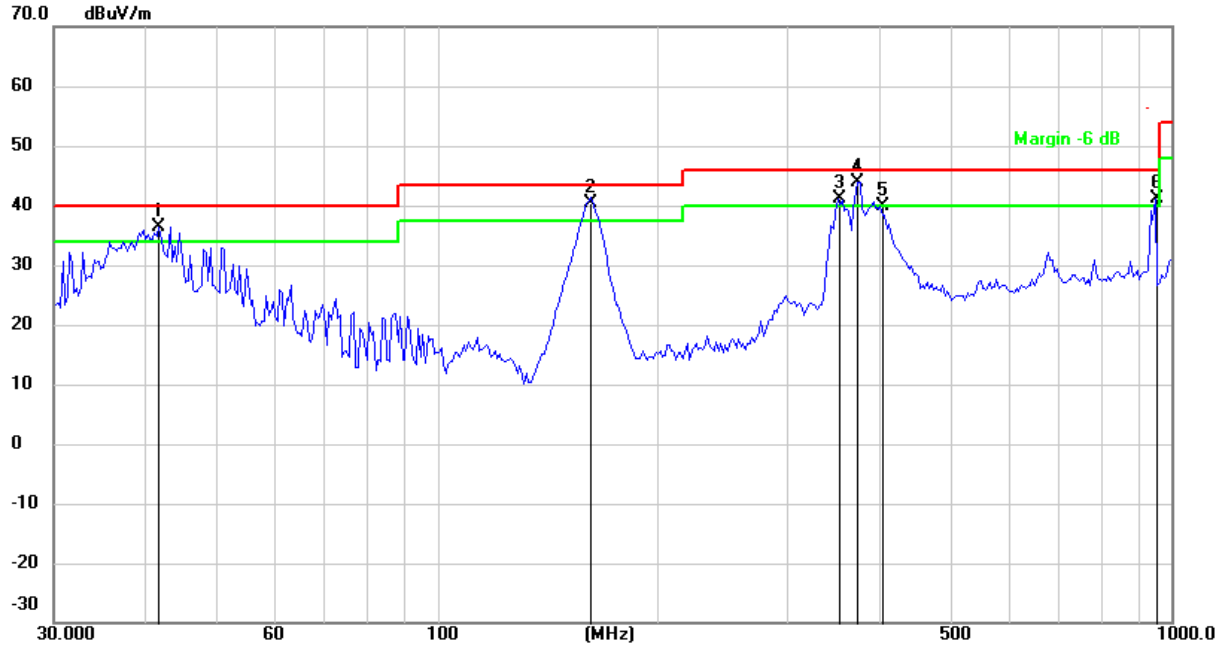
(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Horizontal**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	41.7406	-7.24	43.73	36.49	40.00	-3.51	QP
2	162.0197	-9.64	50.00	40.36	43.50	-3.14	QP
3	350.9722	-2.21	43.26	41.05	46.00	-4.95	QP
4	373.8861	-1.49	45.44	43.95	46.00	-2.05	QP
5	401.1050	-0.66	40.63	39.97	46.00	-6.03	QP
6	952.0001	6.75	34.46	41.21	46.00	-4.79	QP

The test result is calculated as the following:

(7) Result = Reading + Correct Factor

(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(9) Margin = Result - Limit

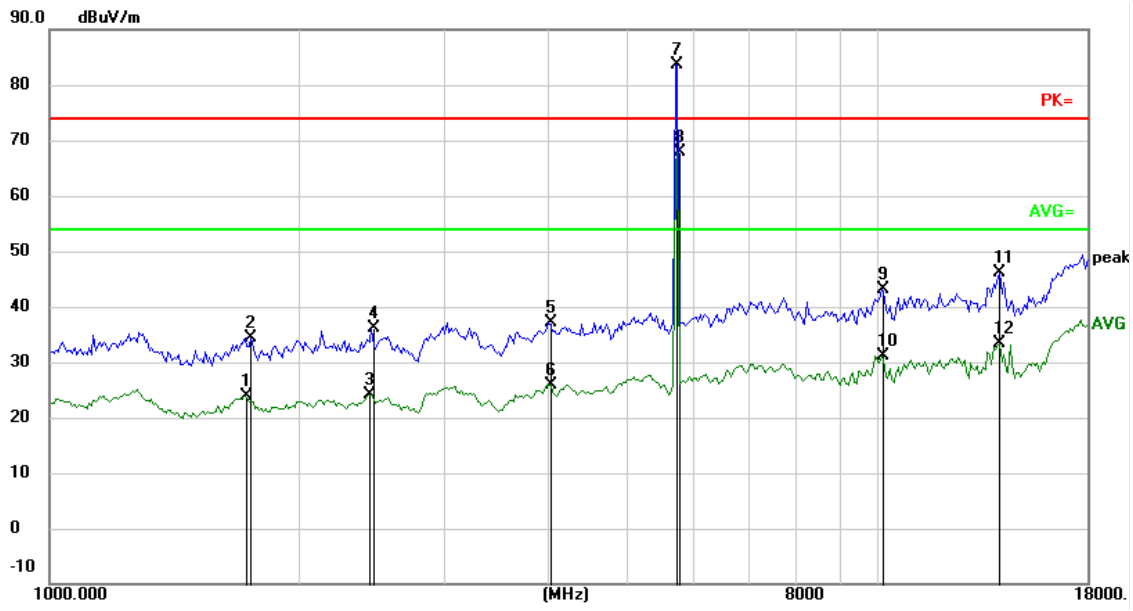
Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 1000MHz – 18000 MHz)

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Vertical**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1723.710	-13.40	37.31	23.91	54.00	-30.09	AVG
2	1753.924	-13.62	48.00	34.38	74.00	-39.62	peak
3	2440.050	-11.99	36.21	24.22	54.00	-29.78	AVG
4	2454.225	-11.80	47.98	36.18	74.00	-37.82	peak
5	4015.488	-7.17	44.31	37.14	74.00	-36.86	peak
6	4015.488	-7.17	33.12	25.95	54.00	-28.05	AVG
7	5745.000	-7.03	90.76	83.73	74.00	9.73	peak
8	5750.479	-7.03	74.80	67.77	54.00	13.77	AVG
9	10144.496	-1.88	45.02	43.14	74.00	-30.86	peak
10	10144.496	-1.88	33.11	31.23	54.00	-22.77	AVG
11	14112.966	3.70	42.53	46.23	74.00	-27.77	peak
12	14112.966	3.70	29.62	33.32	54.00	-20.68	AVG

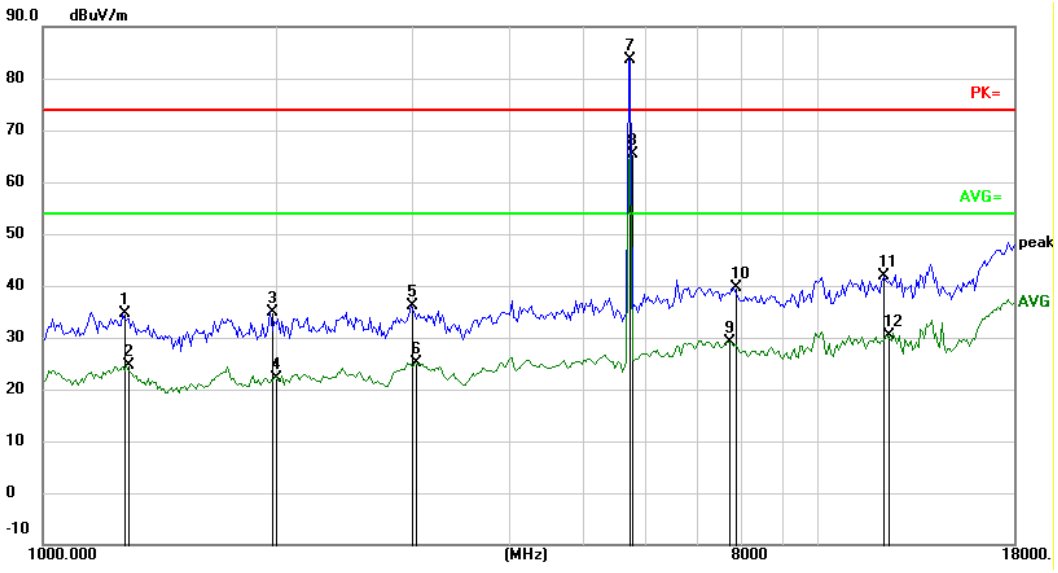
Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.
The test result is calculated as the following:

(7) Result = Reading + Correct Factor
(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Horizontal**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1268.057	-12.85	47.39	34.54	74.00	-39.46	peak
2	1282.832	-12.79	37.47	24.68	54.00	-29.32	AVG
3	1969.348	-12.99	47.98	34.99	74.00	-39.01	peak
4	1992.295	-12.77	34.97	22.20	54.00	-31.80	AVG
5	2988.436	-9.67	45.81	36.14	74.00	-37.86	peak
6	3023.257	-9.65	34.85	25.20	54.00	-28.80	AVG
7	5745.000	-7.03	90.76	83.73	74.00	9.73	peak
8	5750.479	-7.03	72.33	65.30	54.00	11.30	AVG
9	7726.777	-3.92	33.00	29.08	54.00	-24.92	AVG
10	7816.810	-4.03	43.73	39.70	74.00	-34.30	peak
11	12210.372	-0.90	42.84	41.94	74.00	-32.06	peak
12	12352.648	-1.11	31.49	30.38	54.00	-23.62	AVG

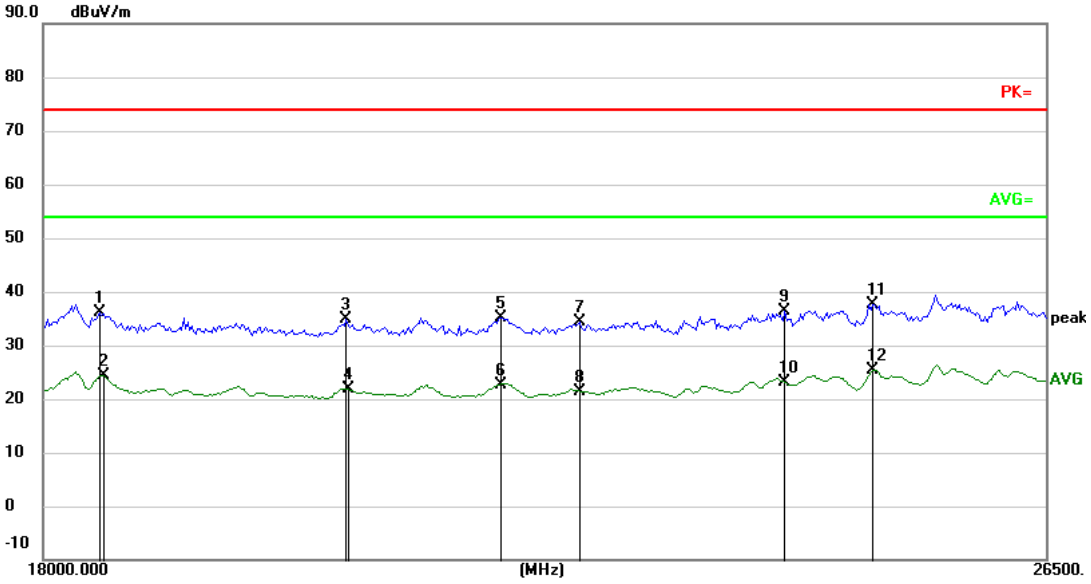
Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.
The test result is calculated as the following:

(7) Result = Reading + Correct Factor
(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

TEST RESULTS (Between 18000MHz – 26500 MHz)

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Vertical**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18394.918	-15.70	51.94	36.24	74.00	-37.76	peak
2	18409.182	-15.71	40.05	24.34	54.00	-29.66	AVG
3	20234.949	-16.61	51.45	34.84	74.00	-39.16	peak
4	20250.639	-16.58	38.51	21.93	54.00	-32.07	AVG
5	21462.744	-15.56	50.69	35.13	74.00	-38.87	peak
6	21462.744	-15.56	38.30	22.74	54.00	-31.26	AVG
7	22138.594	-14.97	49.43	34.46	74.00	-39.54	peak
8	22138.594	-14.97	36.37	21.40	54.00	-32.60	AVG
9	23959.915	-13.91	50.39	36.48	74.00	-37.52	peak
10	23959.915	-13.91	37.10	23.19	54.00	-30.81	AVG
11	24791.143	-14.43	52.05	37.62	74.00	-36.38	peak
12	24791.143	-14.43	39.91	25.48	54.00	-28.52	AVG

The test result is calculated as the following:

(7) Result = Reading + Correct Factor

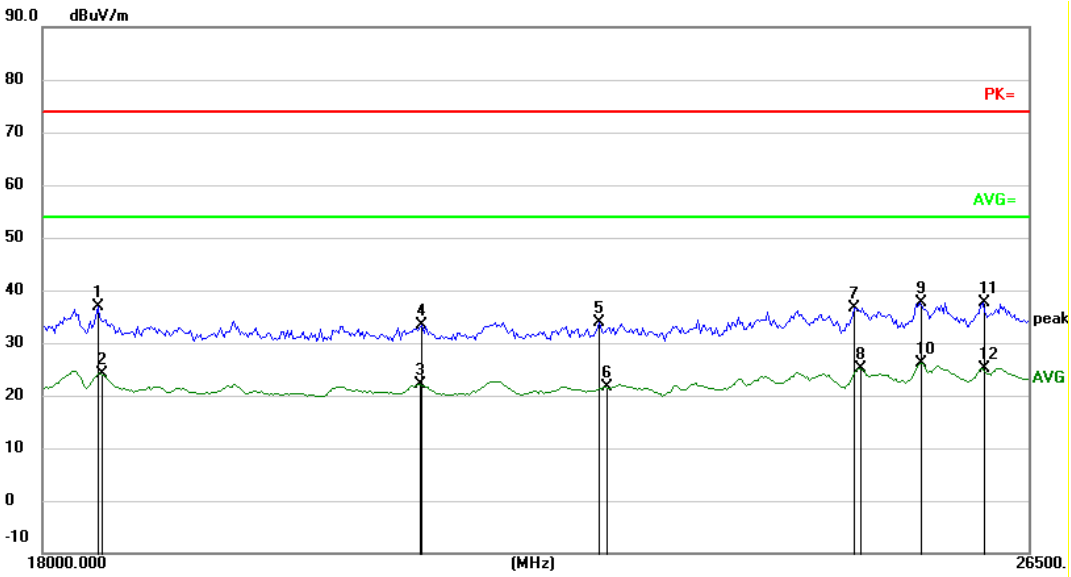
(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Horizontal**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18394.918	-15.70	52.60	36.90	74.00	-37.10	peak
2	18409.182	-15.71	39.96	24.25	54.00	-29.75	AVG
3	20855.966	-16.07	38.25	22.18	54.00	-31.82	AVG
4	20888.321	-16.07	49.35	33.28	74.00	-40.72	peak
5	22397.489	-14.85	48.76	33.91	74.00	-40.09	peak
6	22449.631	-14.82	36.44	21.62	54.00	-32.38	AVG
7	24752.742	-14.43	51.06	36.63	74.00	-37.37	peak
8	24810.366	-14.45	39.69	25.24	54.00	-28.76	AVG
9	25394.039	-13.62	51.21	37.59	74.00	-36.41	peak
10	25394.039	-13.62	39.68	26.06	54.00	-27.94	AVG
11	26031.765	-14.28	51.81	37.53	74.00	-36.47	peak
12	26031.765	-14.28	39.45	25.17	54.00	-28.83	AVG

The test result is calculated as the following:

(7) Result = Reading + Correct Factor

(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

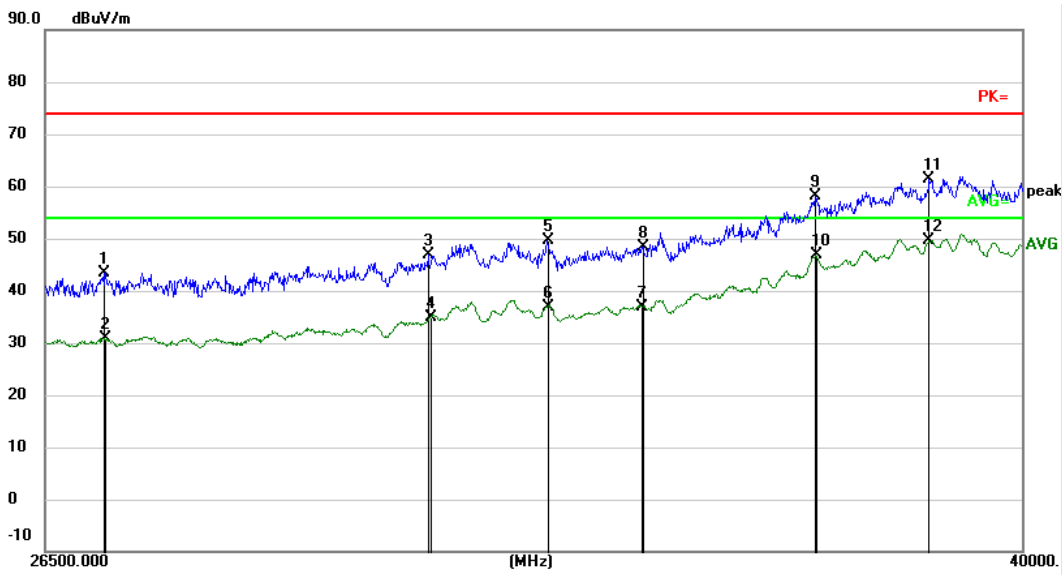
(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

TEST RESULTS (Between 26500MHz – 40000 MHz)

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Vertical**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27162.812	0.50	43.00	43.50	74.00	-30.50	peak
2	27173.998	0.50	30.41	30.91	54.00	-23.09	AVG
3	31141.606	1.49	45.32	46.81	74.00	-27.19	peak
4	31167.261	1.49	33.46	34.95	54.00	-19.05	AVG
5	32745.855	1.77	47.95	49.72	74.00	-24.28	peak
6	32745.855	1.77	35.22	36.99	54.00	-17.01	AVG
7	34080.134	1.97	34.80	36.77	54.00	-17.23	AVG
8	34094.169	1.98	46.46	48.44	74.00	-25.56	peak
9	36656.534	2.41	55.62	58.03	74.00	-15.97	peak
10	36671.630	2.41	44.35	46.76	54.00	-7.24	AVG
11	38465.612	2.71	58.76	61.47	74.00	-12.53	peak
12	38465.612	2.71	47.03	49.74	54.00	-4.26	AVG

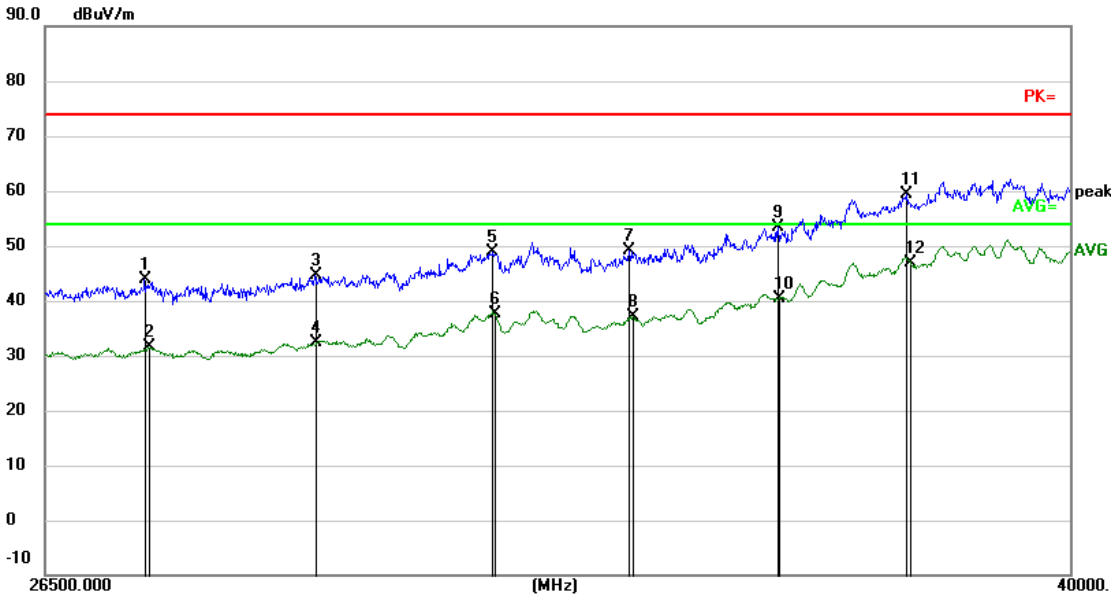
The test result is calculated as the following:

(7) Result = Reading + Correct Factor
(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(9) Margin = Result - Limit

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	**Model Name. :**	B6x
Temperature:	25.4 ℃	**Relative Humidity:**	53%
Distance:	3m	**Test Power:**	AC 110V/60Hz
Polarization:	**Horizontal**	**Test Result:**	Pass
Standard:	(RE)FCC PART 15E	**Tested By:**	Aman
Test Mode:	Keeping TX mode at 5745MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27579.783	0.62	43.22	43.84	74.00	-30.16	peak
2	27625.243	0.62	30.96	31.58	54.00	-22.42	AVG
3	29530.717	1.15	43.44	44.59	74.00	-29.41	peak
4	29555.044	1.16	31.32	32.48	54.00	-21.52	AVG
5	31723.978	1.59	47.33	48.92	74.00	-25.08	peak
6	31737.043	1.59	36.11	37.70	54.00	-16.30	AVG
7	33509.652	1.89	47.17	49.06	74.00	-24.94	peak
8	33564.886	1.90	35.11	37.01	54.00	-16.99	AVG
9	35571.155	2.22	51.05	53.27	74.00	-20.73	peak
10	35585.804	2.22	38.15	40.37	54.00	-13.63	AVG
11	37465.242	2.55	56.71	59.26	74.00	-14.74	peak
12	37526.996	2.56	44.36	46.92	54.00	-7.08	AVG

The test result is calculated as the following:

(7) Result = Reading + Correct Factor

(8) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(9) Margin = Result - Limit

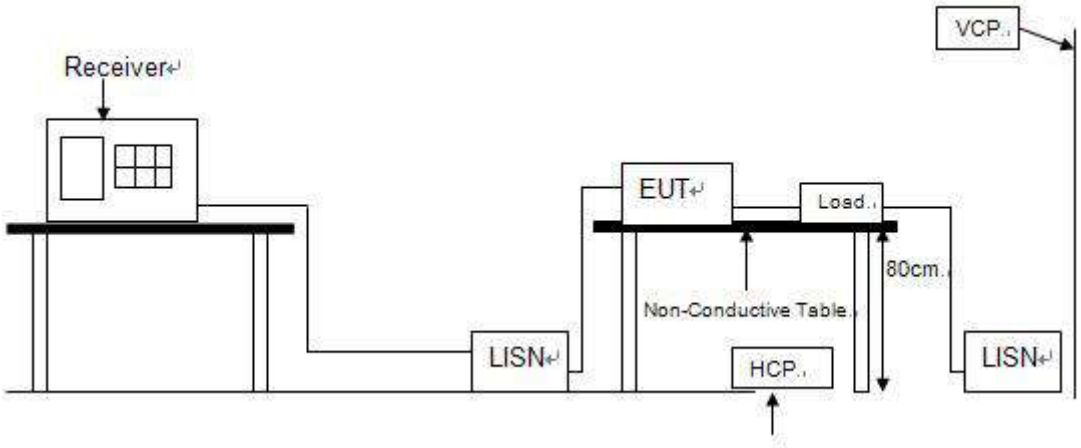
Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

The field strength is calculated by adding the Antenna Factor. Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor –Preamplifier Factor.
Average measurement was not performed if peak level lower than average limit. No any other emissions level very low which are attenuated less than 20dB below the limit. According to 15.31(o), The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.

9. POWER LINE CONDUCTED EMISSION

9.1. Block diagram of test setup



9.2. Power Line Conducted Emission Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

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9.3. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 KHz.

9.4. Test Result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "-----" means peak detection; "-----" means average detection

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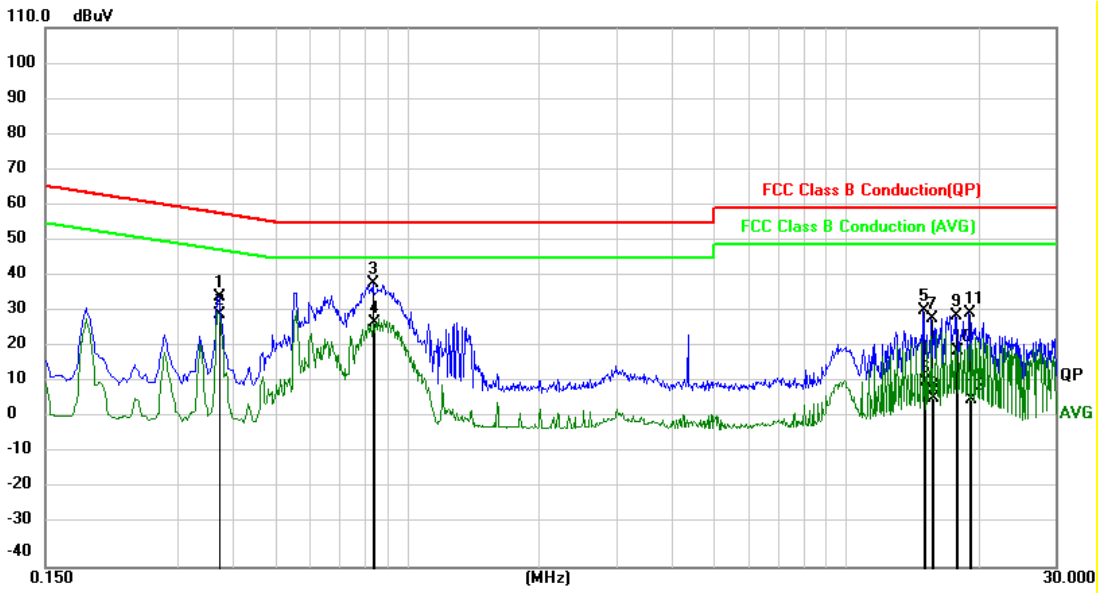
EUT:	B6x	**Model Name. :**	B6x
Temperature:	24.5 ℃	**Relative Humidity:**	52%
Probe:	Line	**Test Power:**	AC 110V/60Hz
Test Mode:	TX	**Test Result:**	Pass
Standard:	(CE)FCC PART 15 E_QP		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.3750	24.50	10.76	35.26	58.39	-23.13	QP
2		0.3751	19.52	10.76	30.28	48.39	-18.11	AVG
3	*	0.8384	27.96	10.86	38.82	56.00	-17.18	QP
4		0.8429	17.03	10.87	27.90	46.00	-18.10	AVG
5		15.0405	20.42	11.05	31.47	60.00	-28.53	QP
6		15.0900	0.49	11.05	11.54	50.00	-38.46	AVG
7		15.6930	18.14	11.05	29.19	60.00	-30.81	QP
8		15.7470	-4.02	11.05	7.03	50.00	-42.97	AVG
9		17.7945	19.00	11.07	30.07	60.00	-29.93	QP
10		17.9070	9.04	11.07	20.11	50.00	-29.89	AVG
11		19.1130	19.49	11.07	30.56	60.00	-29.44	QP
12		19.1400	-4.27	11.07	6.80	50.00	-43.20	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

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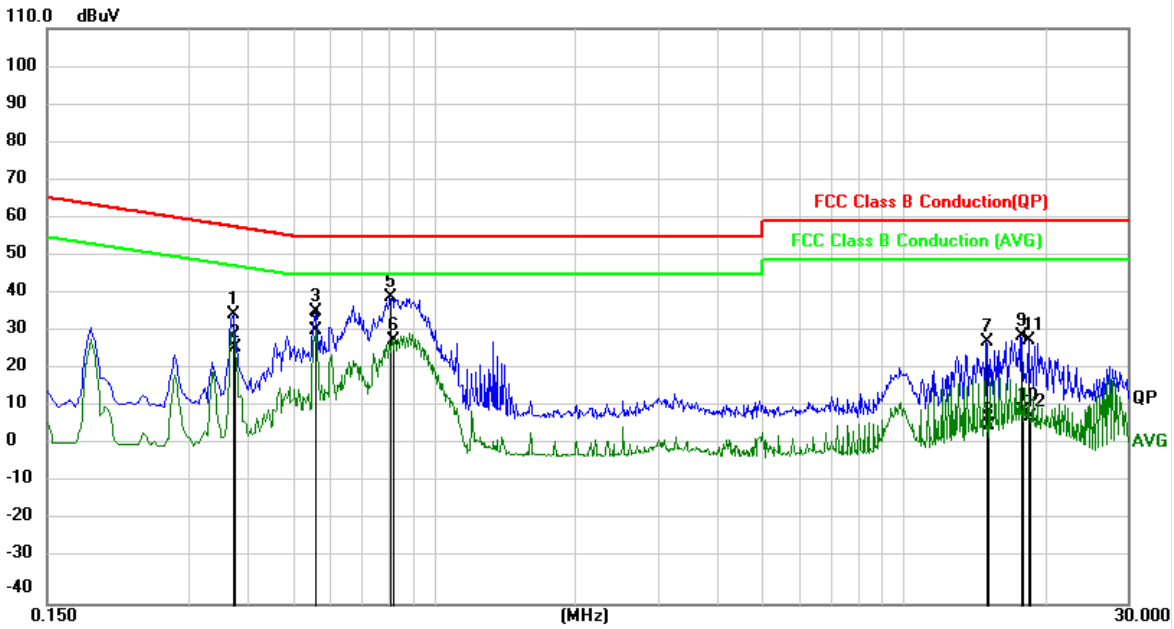
Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	**Model Name. :**	B6x
Temperature:	24.5 ℃	**Relative Humidity:**	52%
Probe:	Neutral	**Test Power:**	AC 110V/60Hz
Test Mode:	TX	**Test Result:**	Pass
Standard:	(CE)FCC PART 15 E_QP		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.3750	24.65	10.76	35.41	58.39	-22.98	QP
2		0.3771	16.03	10.76	26.79	48.34	-21.55	AVG
3		0.5595	25.38	10.80	36.18	56.00	-19.82	QP
4	*	0.5595	20.71	10.80	31.51	46.00	-14.49	AVG
5		0.8070	29.13	10.86	39.99	56.00	-16.01	QP
6		0.8160	18.04	10.86	28.90	46.00	-17.10	AVG
7		15.0405	17.49	11.05	28.54	60.00	-31.46	QP
8		15.1080	-4.21	11.05	6.84	50.00	-43.16	AVG
9		17.7945	18.86	11.07	29.93	60.00	-30.07	QP
10		17.8980	-0.61	11.07	10.46	50.00	-39.54	AVG
11		18.5009	17.77	11.07	28.84	60.00	-31.16	QP
12		18.5640	-2.19	11.07	8.88	50.00	-41.12	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result – Limit

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10. CONDUCTED SPURIOUS EMISSIONS

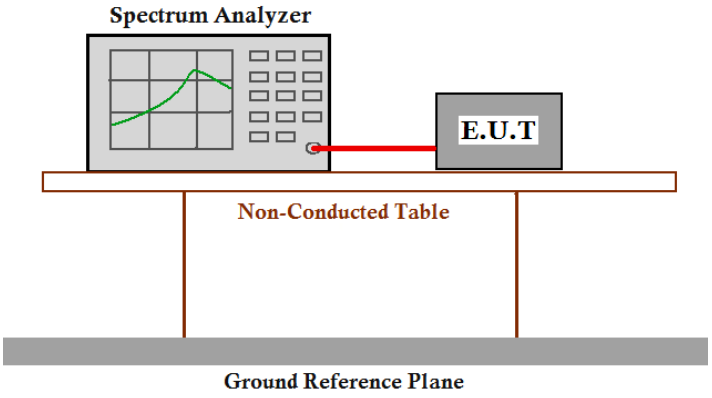
Test Requirement: FCC Part 15 C section 15.407

(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Based on either an RF conducted or a radiated measurement. Provided the transmitter demonstrates compliance with the peak conducted power limits.

Test Method: ANSI C63.10: Clause 6.7

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Pre-test the EUT under 2 modes: power-supplied by using the AC adapter and power-supplied by using internal battery.
After pre-testing, we found the worst case is the test mode of EUT power-supplied by using internal battery.

Test Configuration:



Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
2. Set the spectrum analyzer: RBW=100 KHz, VBW = 300KHz. Sweep = auto; Detector Function = Peak. Trace = Max Hold, Scan up through 10th harmonic.
3. Measure the Conducted Spurious Emissions of the test frequency with special test status.
4. Repeat until all the test status is investigated.
5. Report the worse case.

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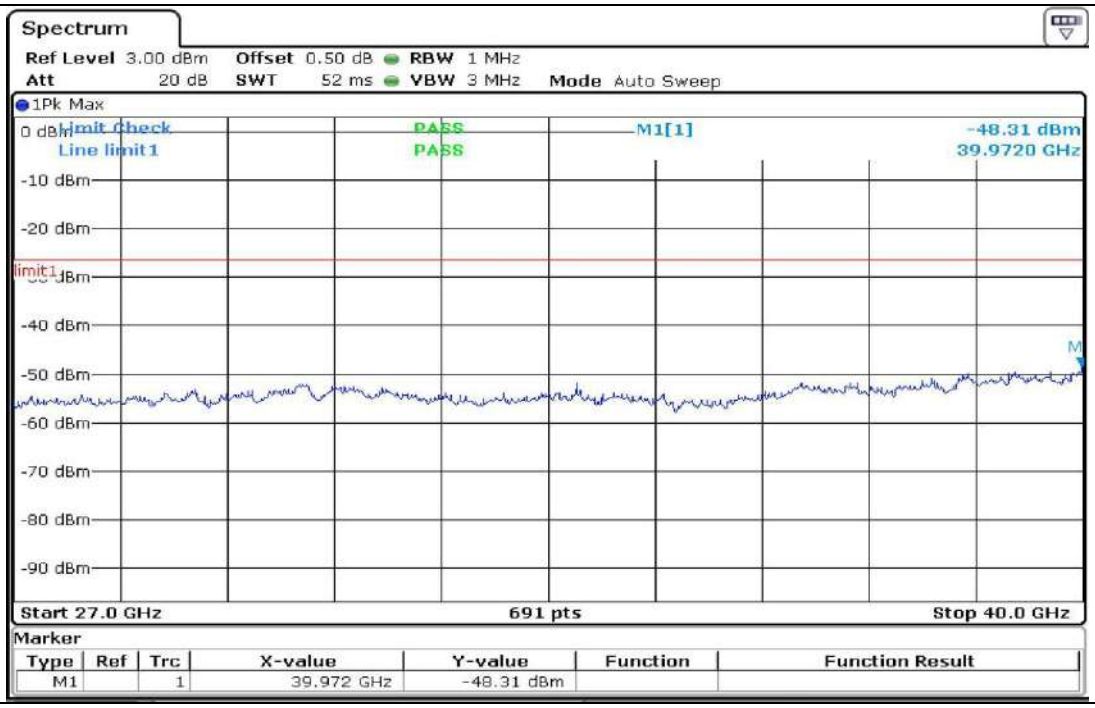
Result plot as follows:

Antenna 0:

ac20 5.180 GHz



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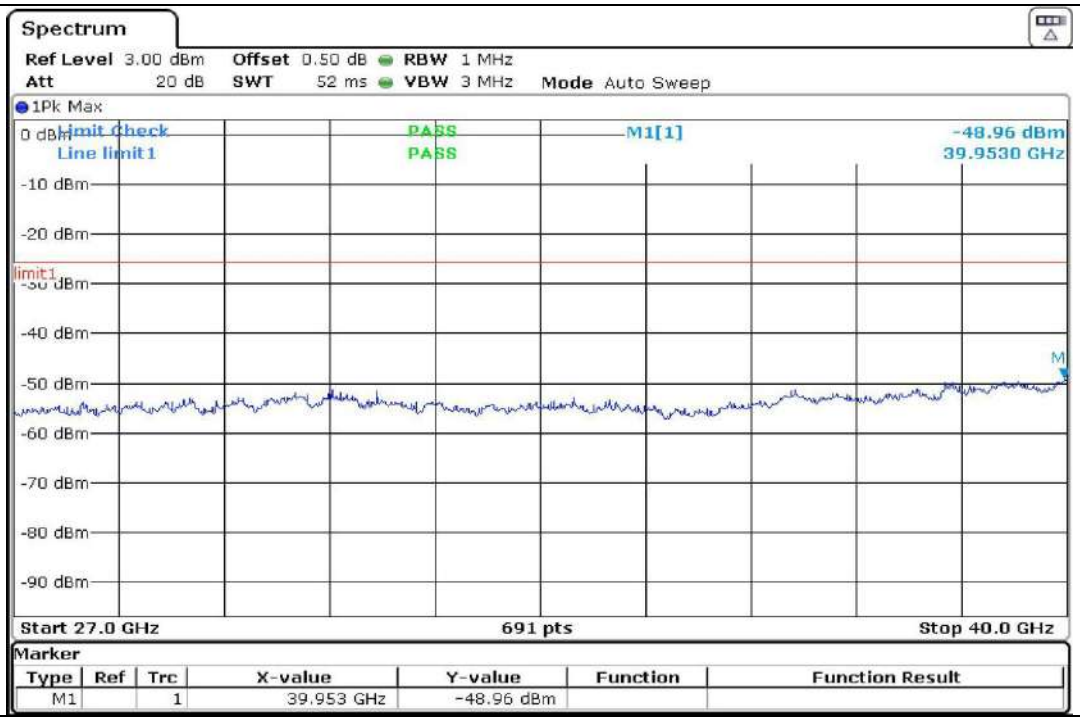
ac20 5.240 GHz



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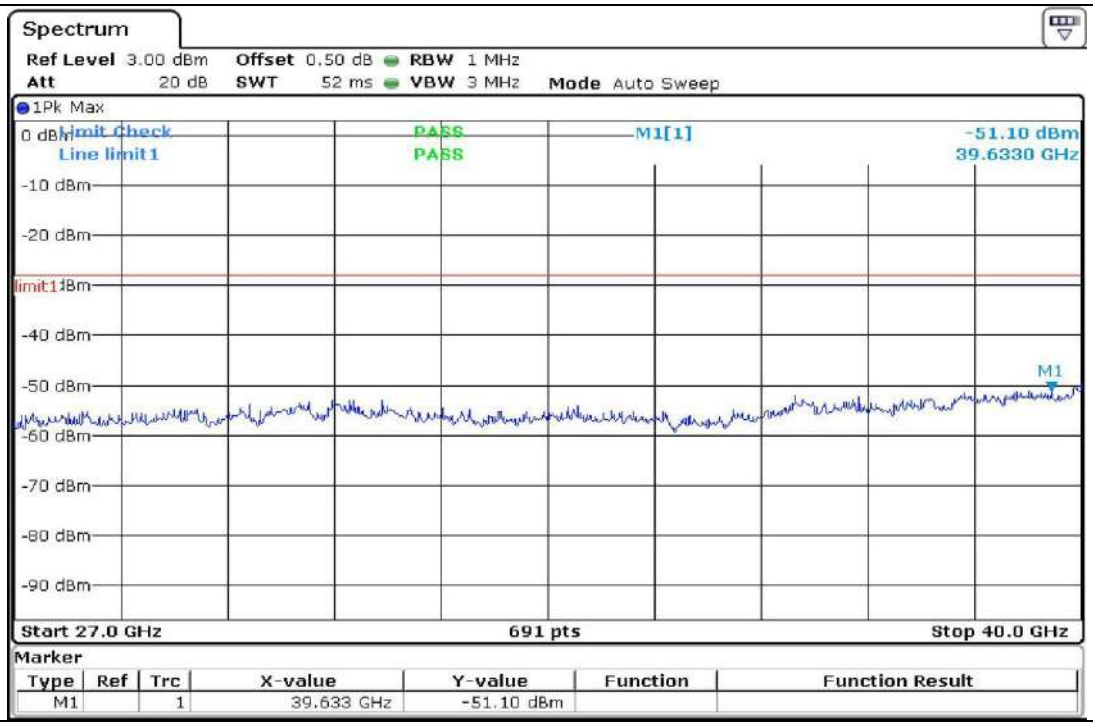
ac40 5.190 GHz



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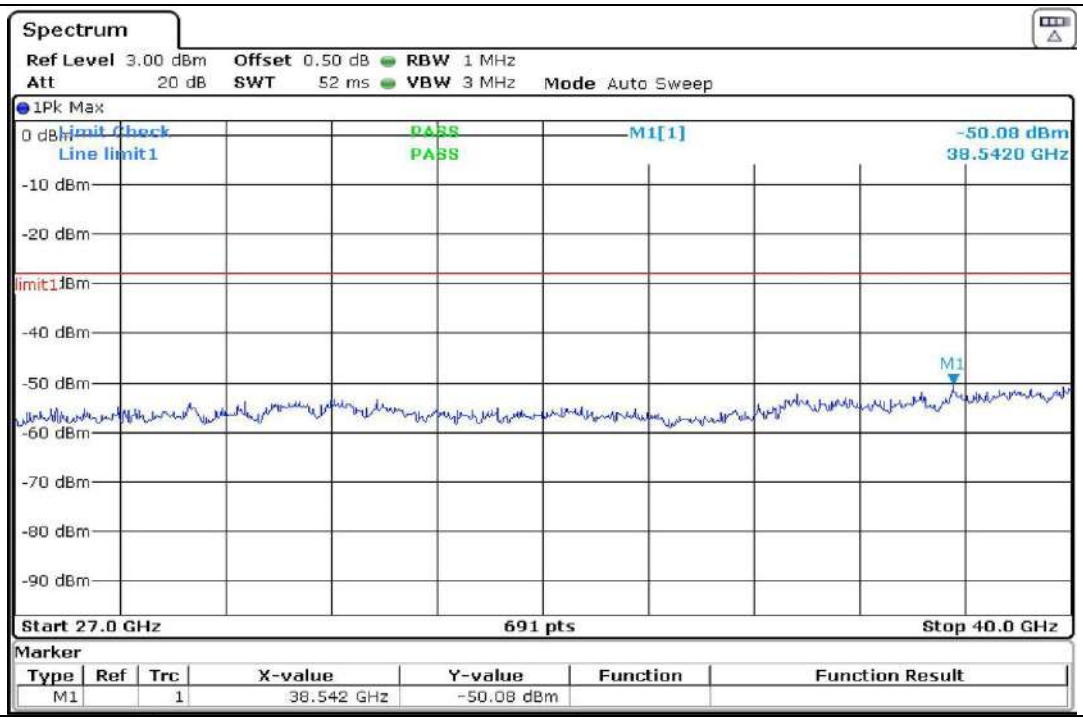
ac40 5.230 GHz



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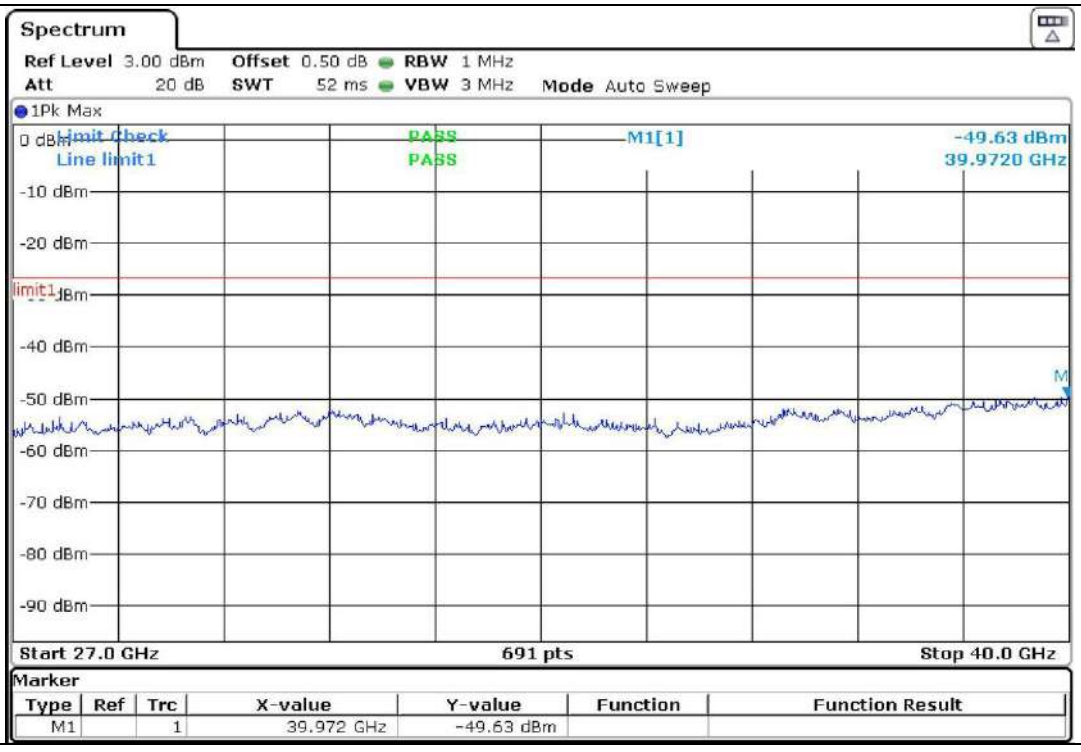
ac80 5.210 GHz



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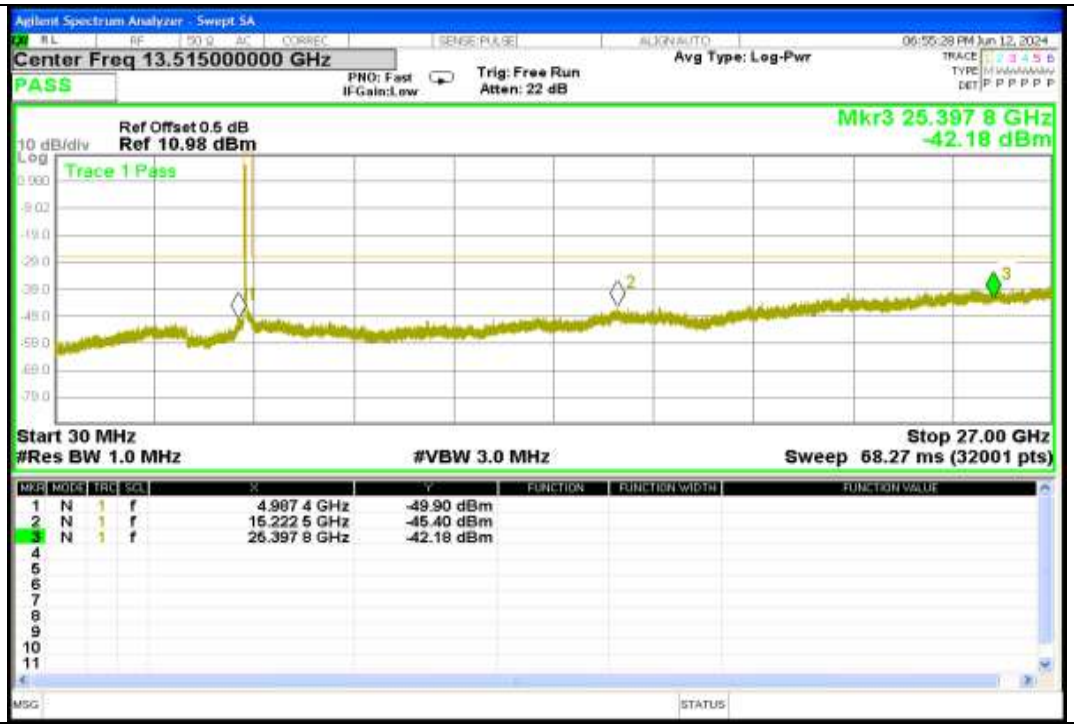
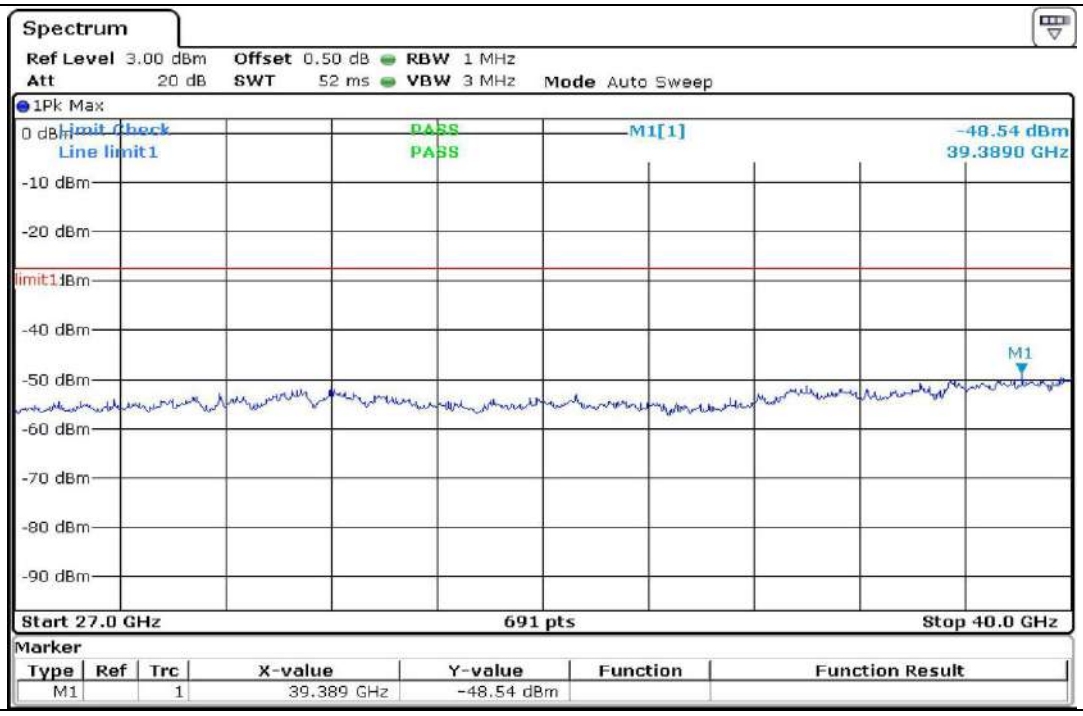
ax20 5.180 GHz





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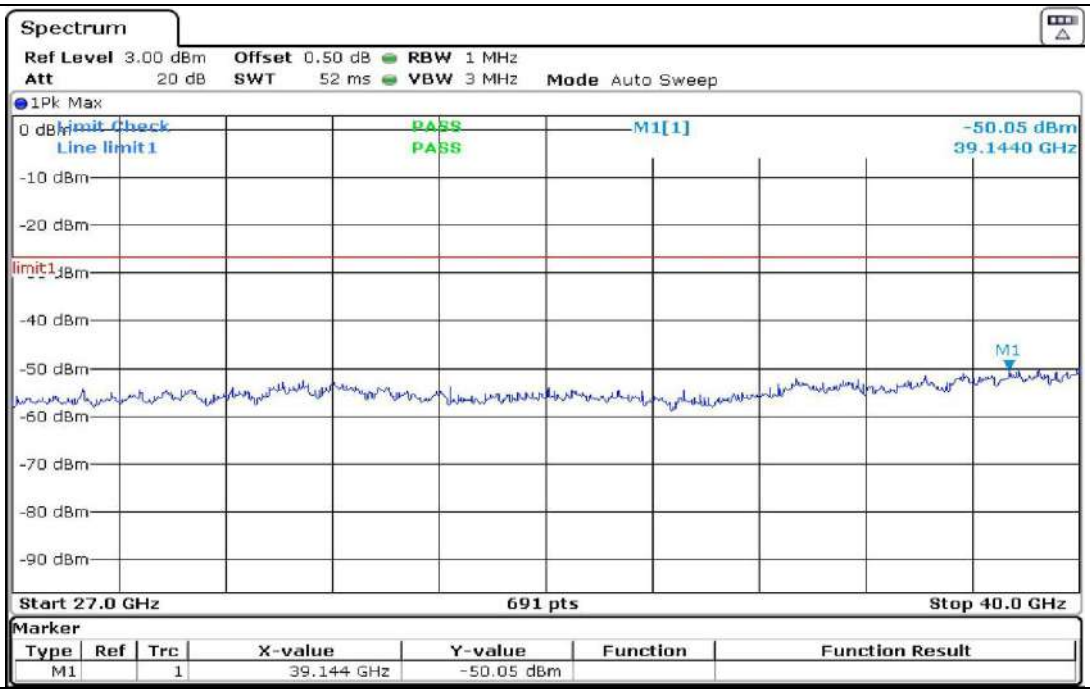
ax20 5.240 GHz



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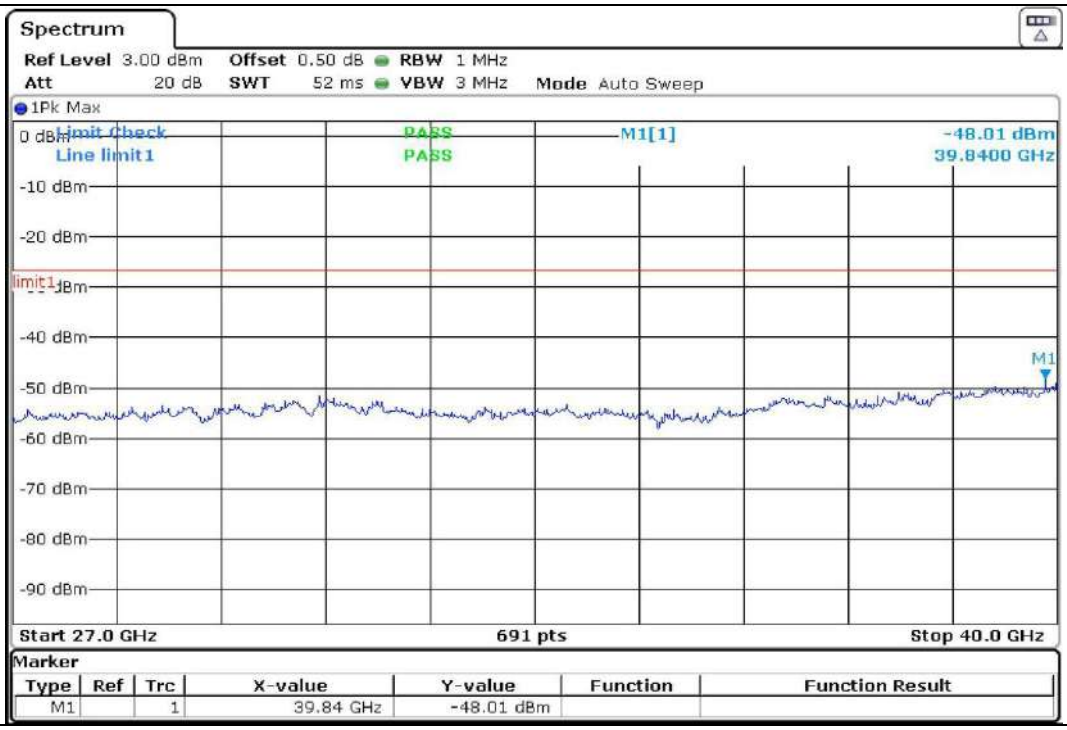
ax40 5.190 GHz



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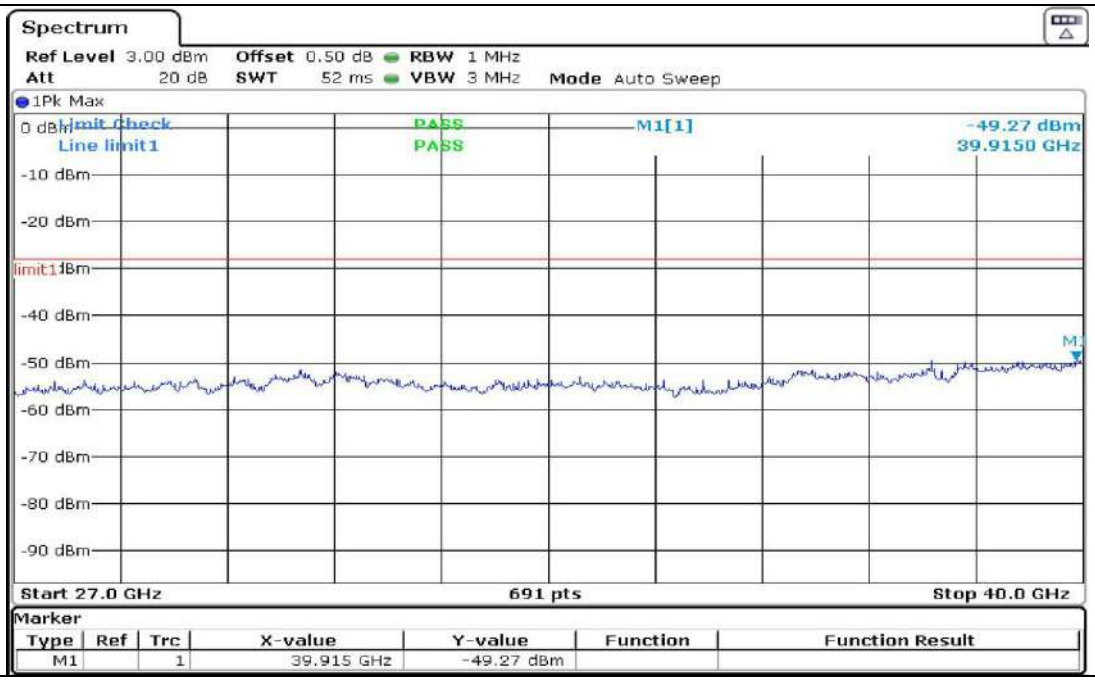
ax40 5.230 GHz



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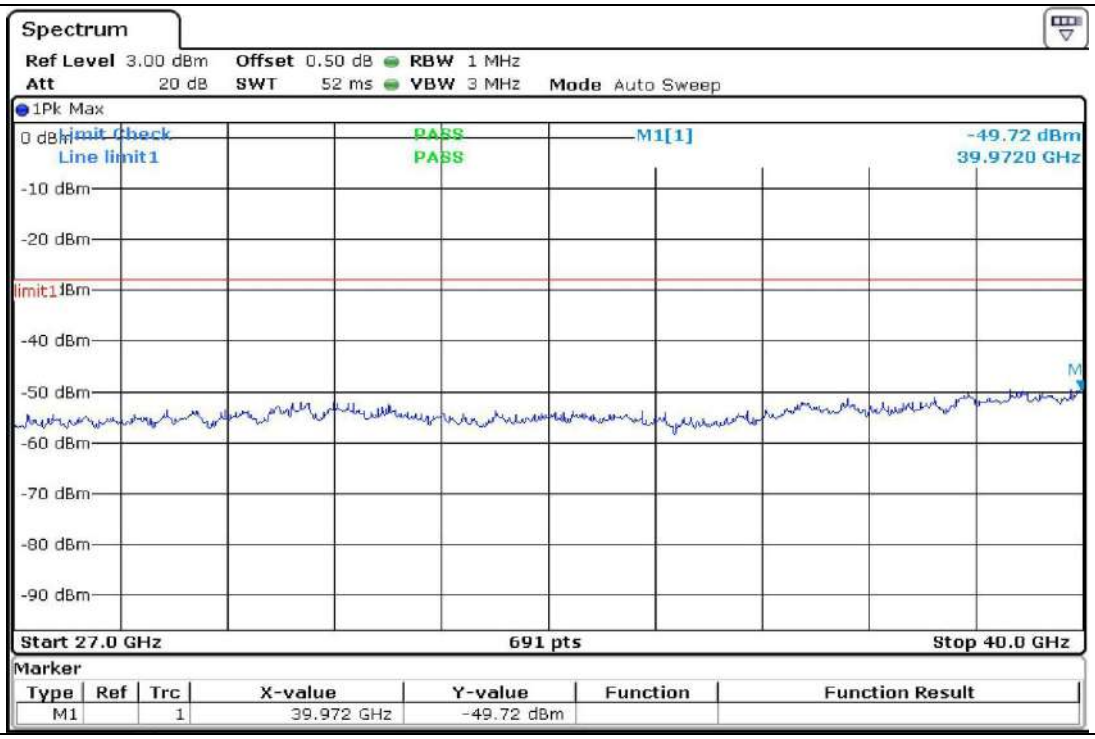
ax80 5.210 GHz



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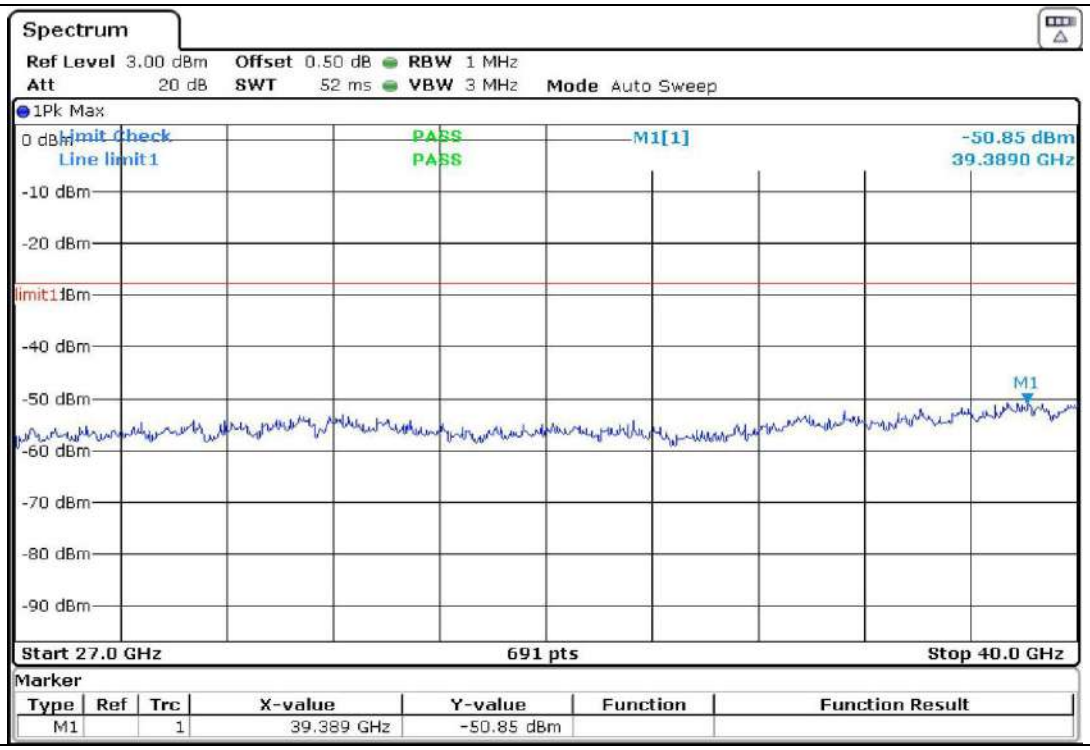
ac20 5.260 GHz



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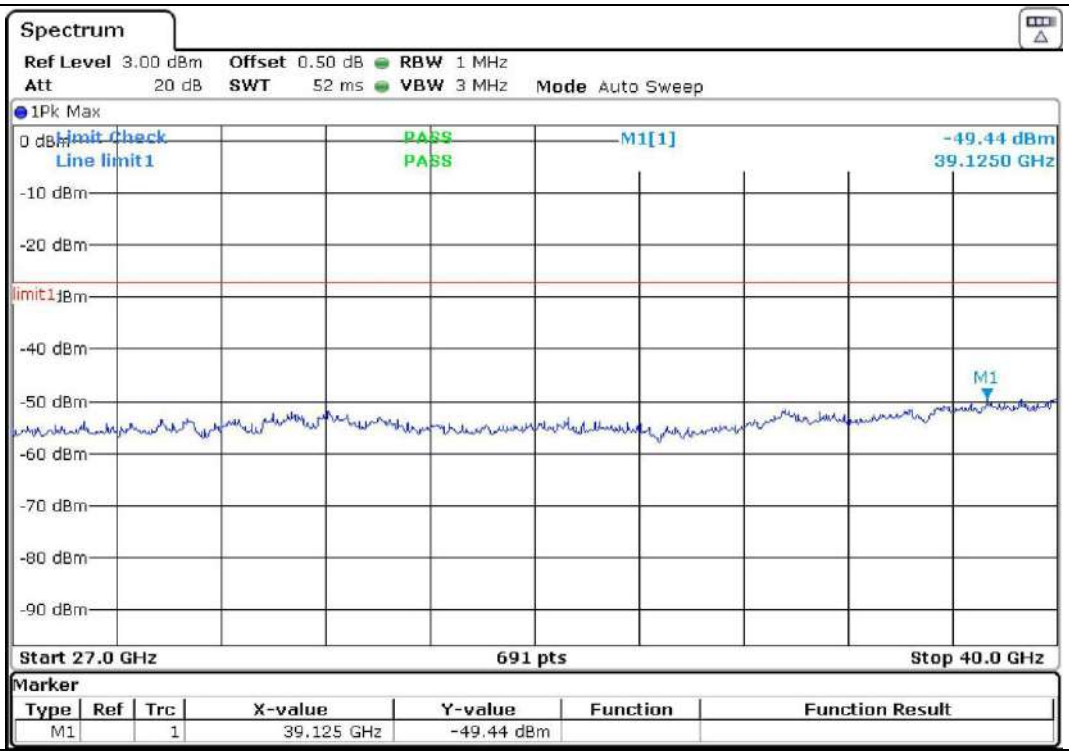
ac20 5.320 GHz



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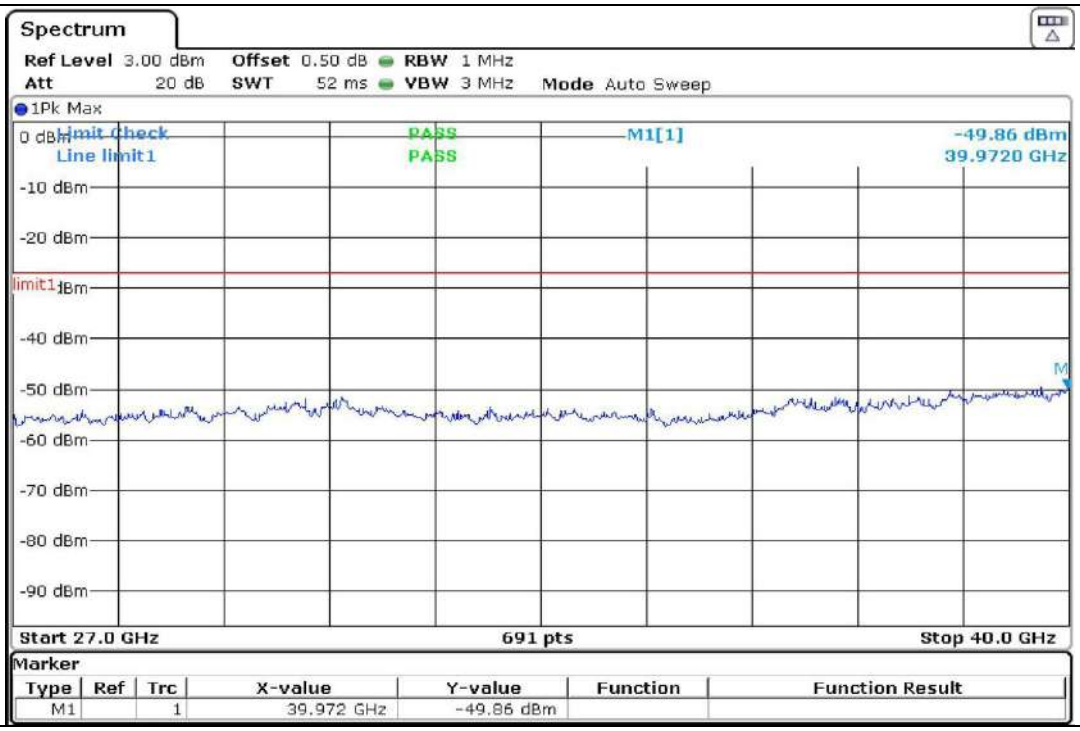
ac40 5.270 GHz



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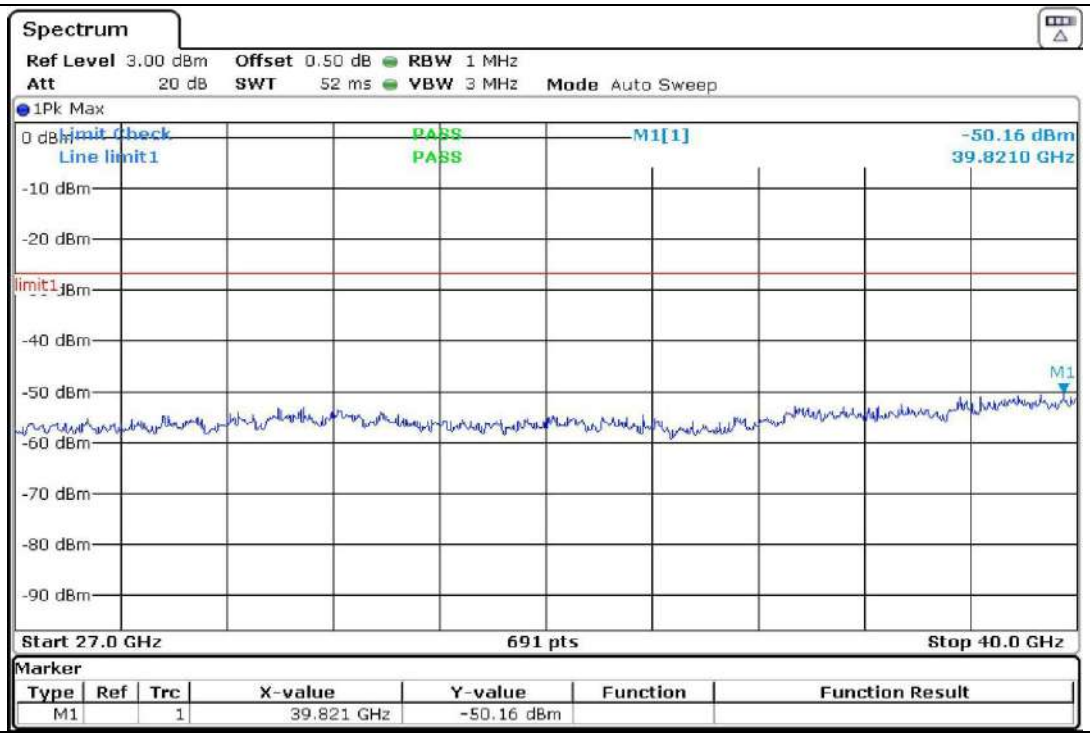
ac40 5.310 GHz



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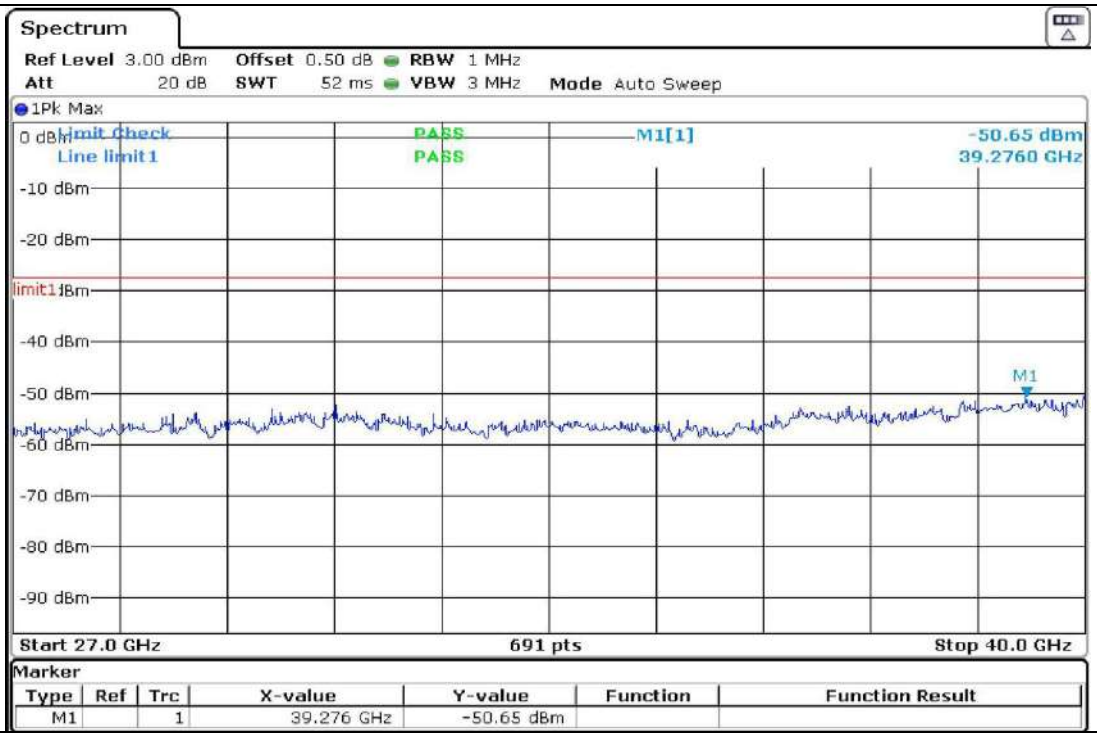
ac80 5.290 GHz



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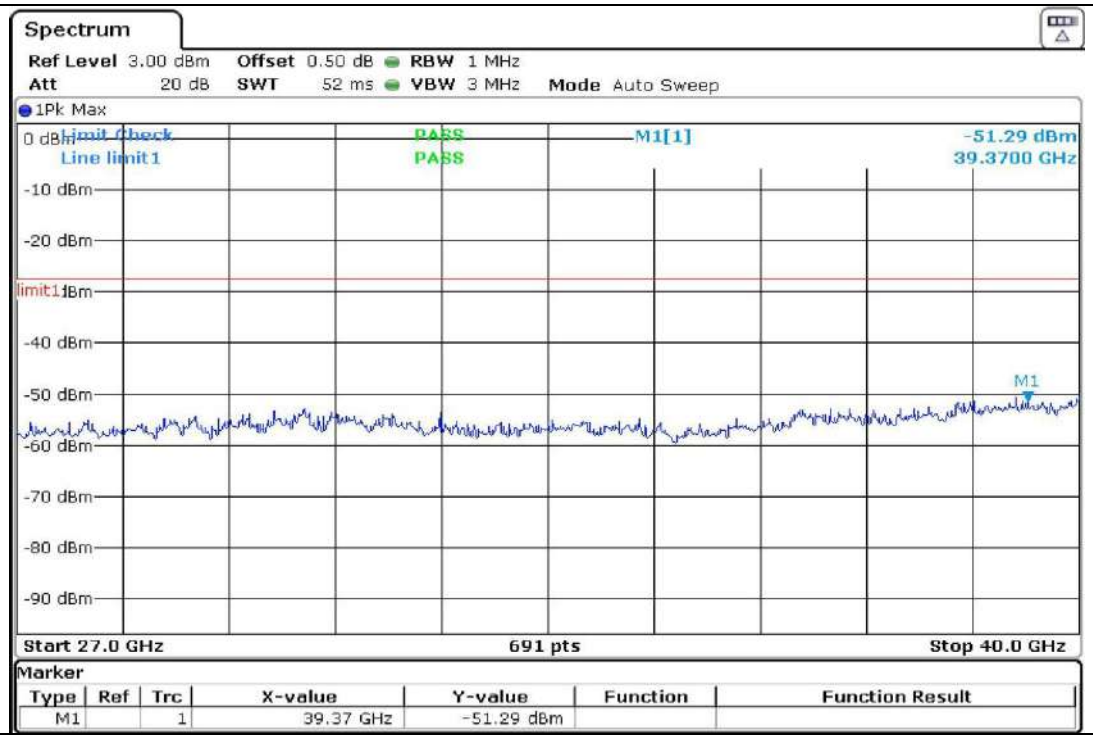
ax20 5.260 GHz



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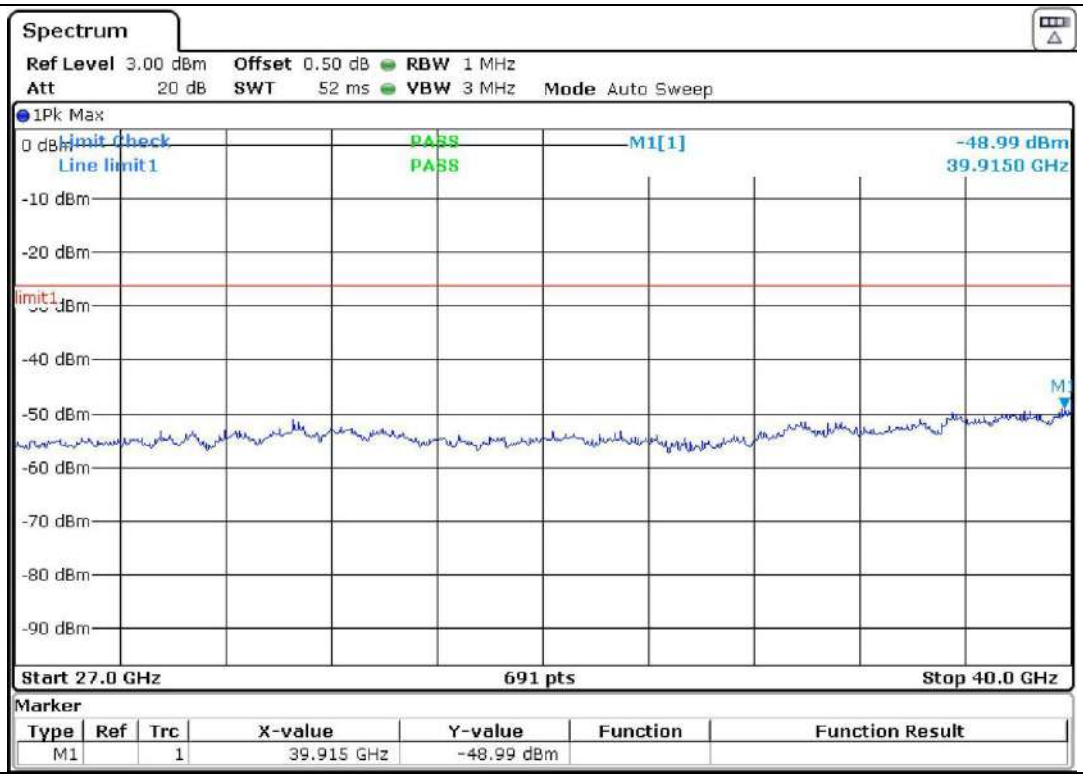
ax20 5.320 GHz



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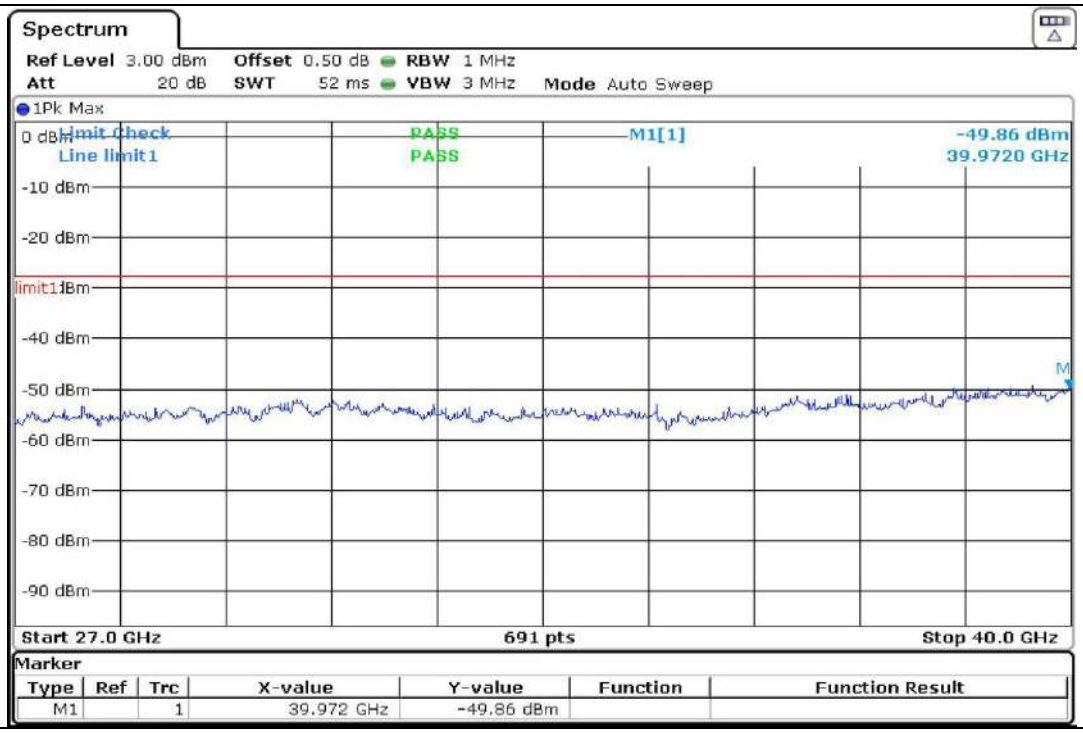
ax40 5.270 GHz



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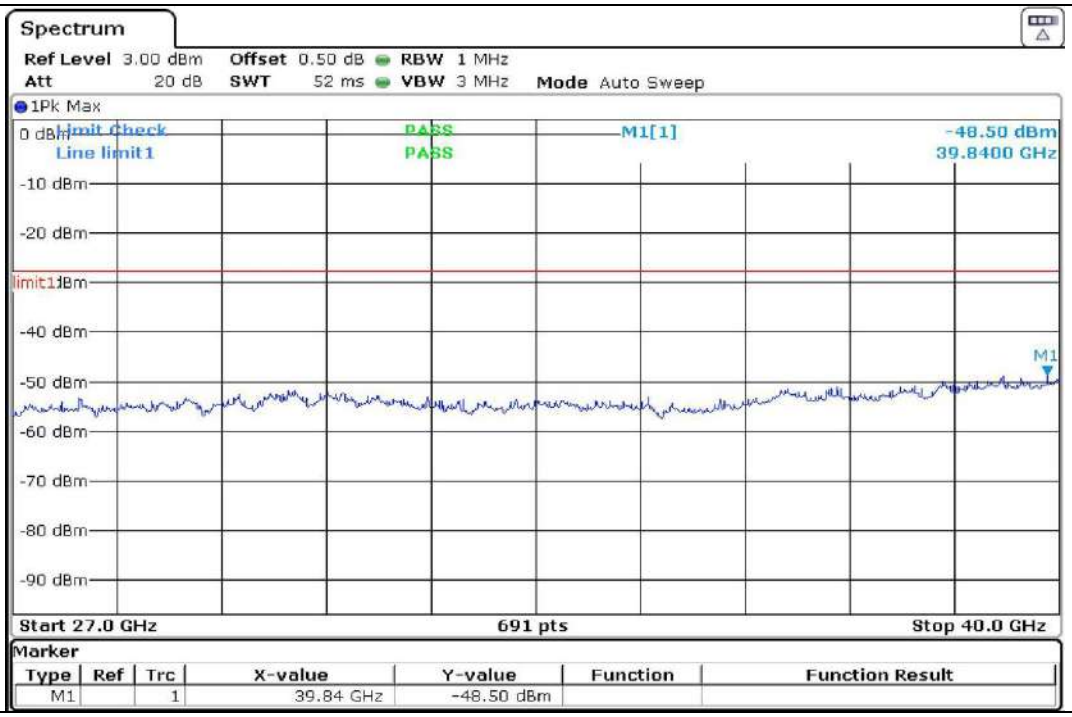
ax40 5.310 GHz



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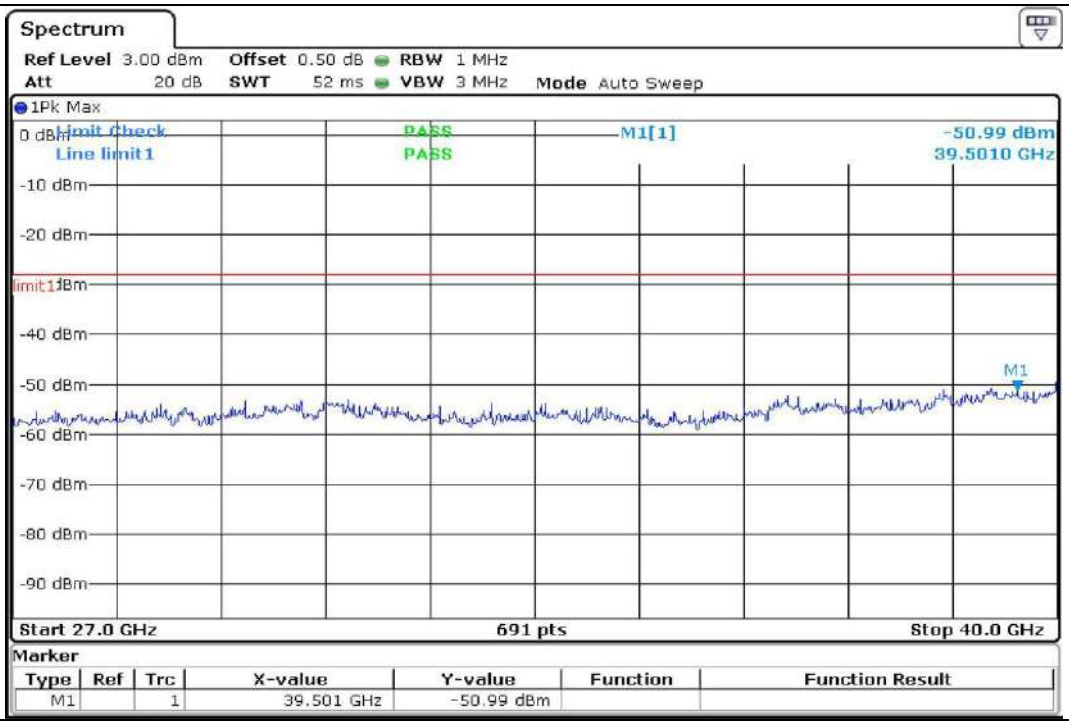
ax80 5.290 GHz



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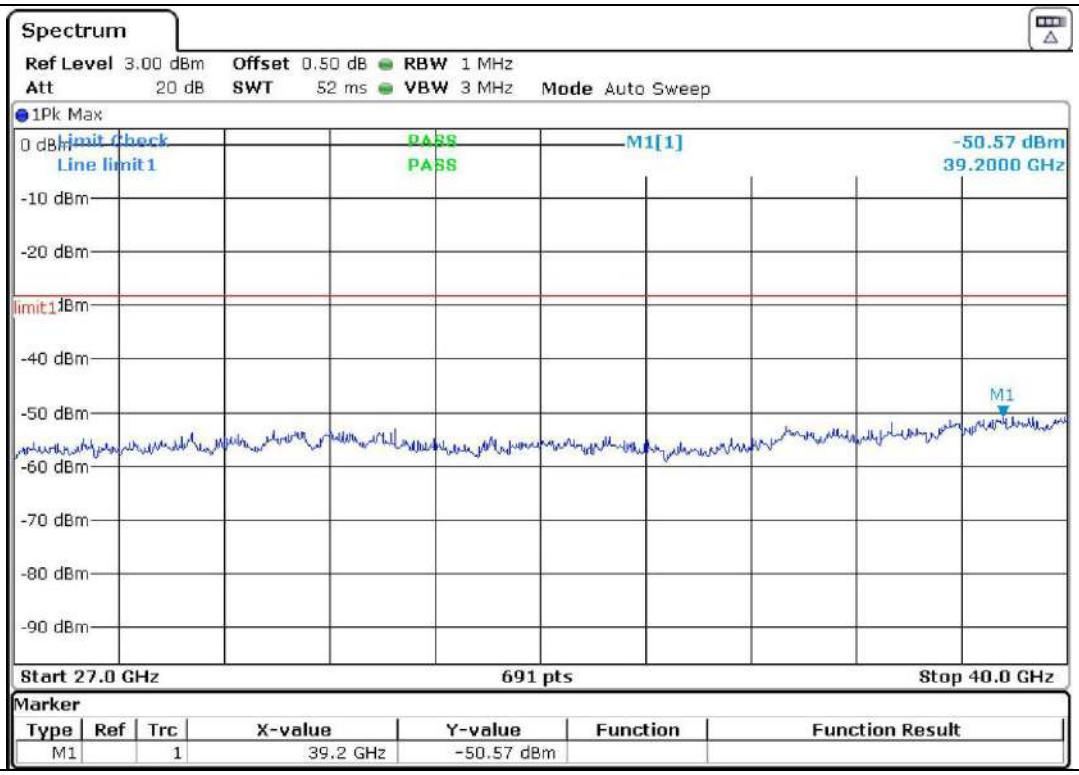
ac20 5.500 GHz



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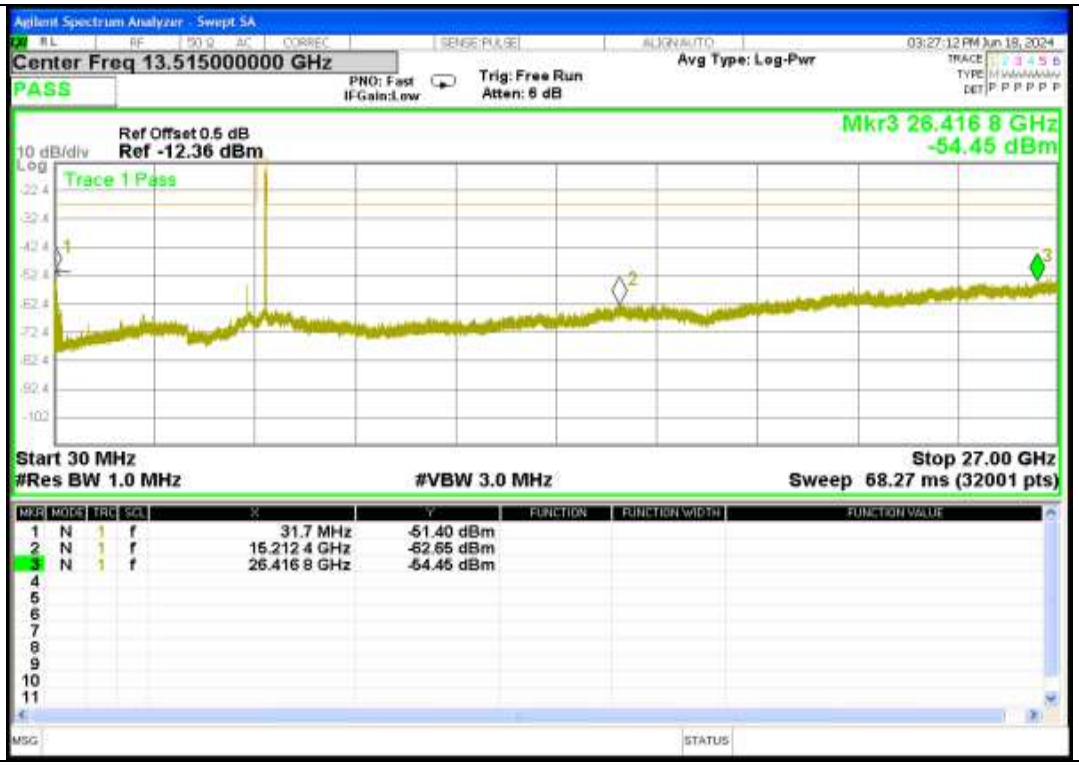
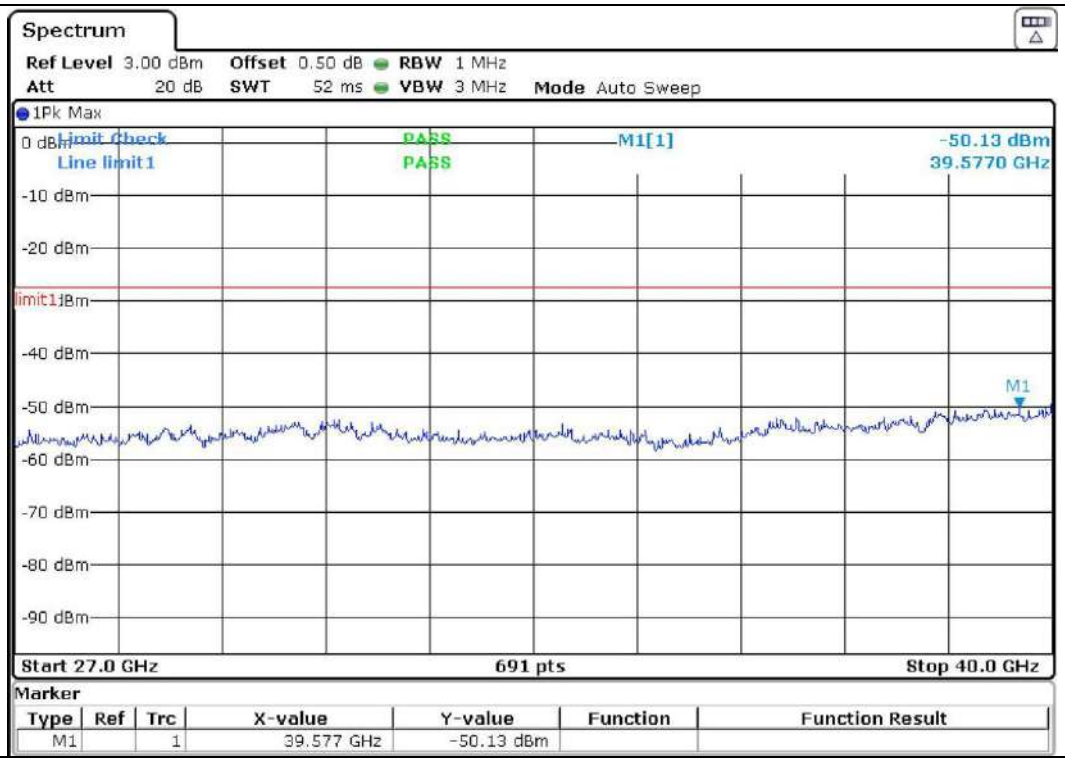
ac20 5.700 GHz





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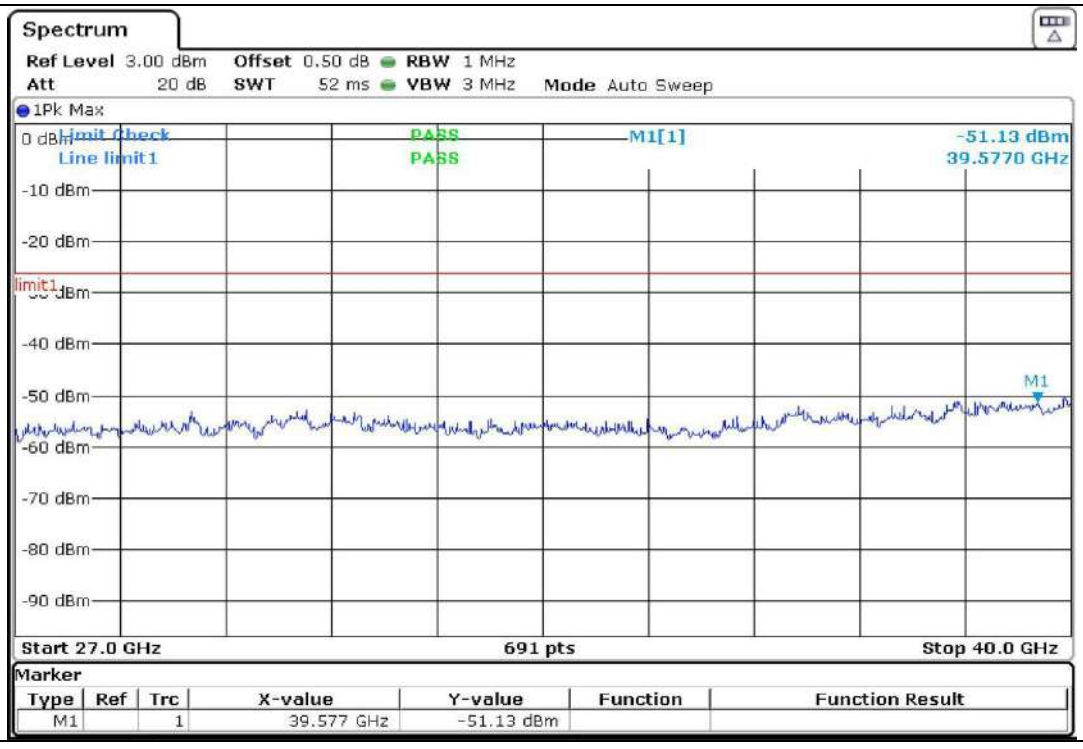
ac40 5.510 GHz



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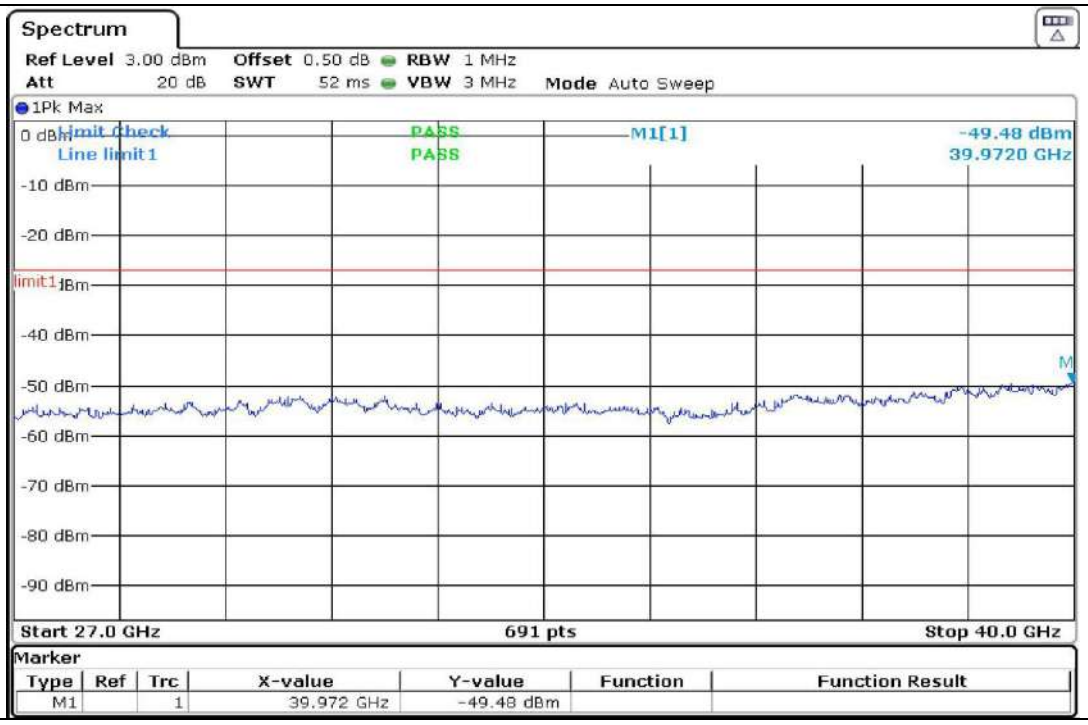
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

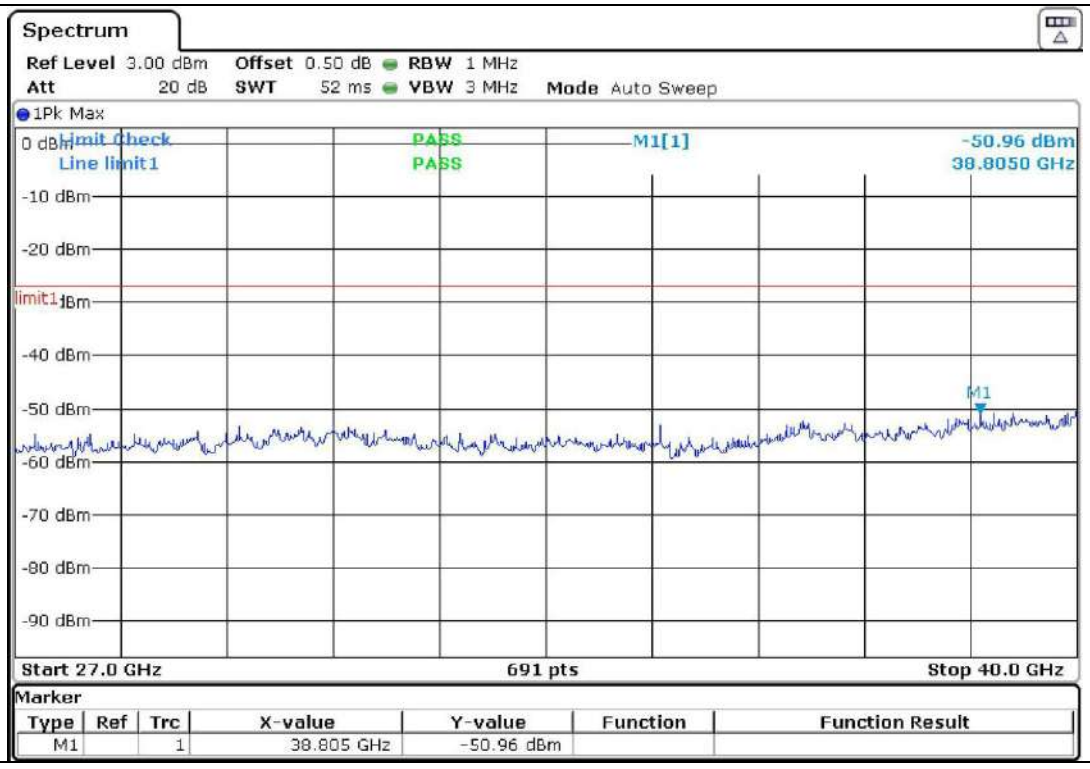
ac40 5.670 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

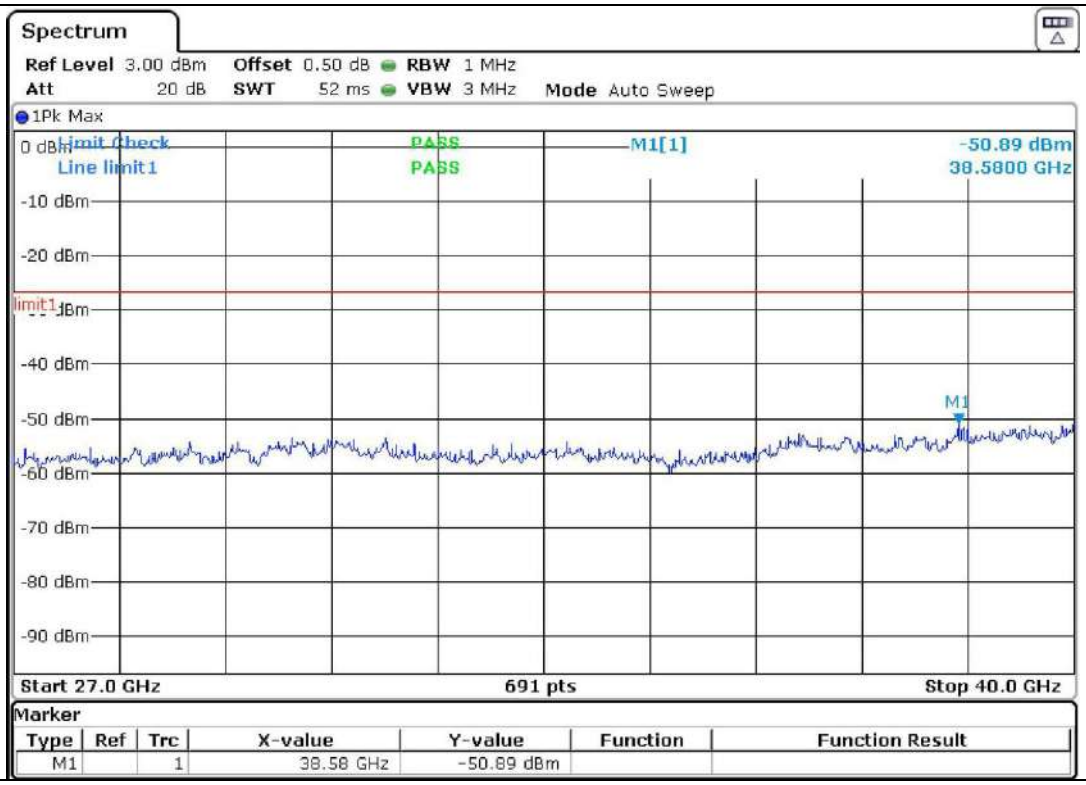
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.530 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

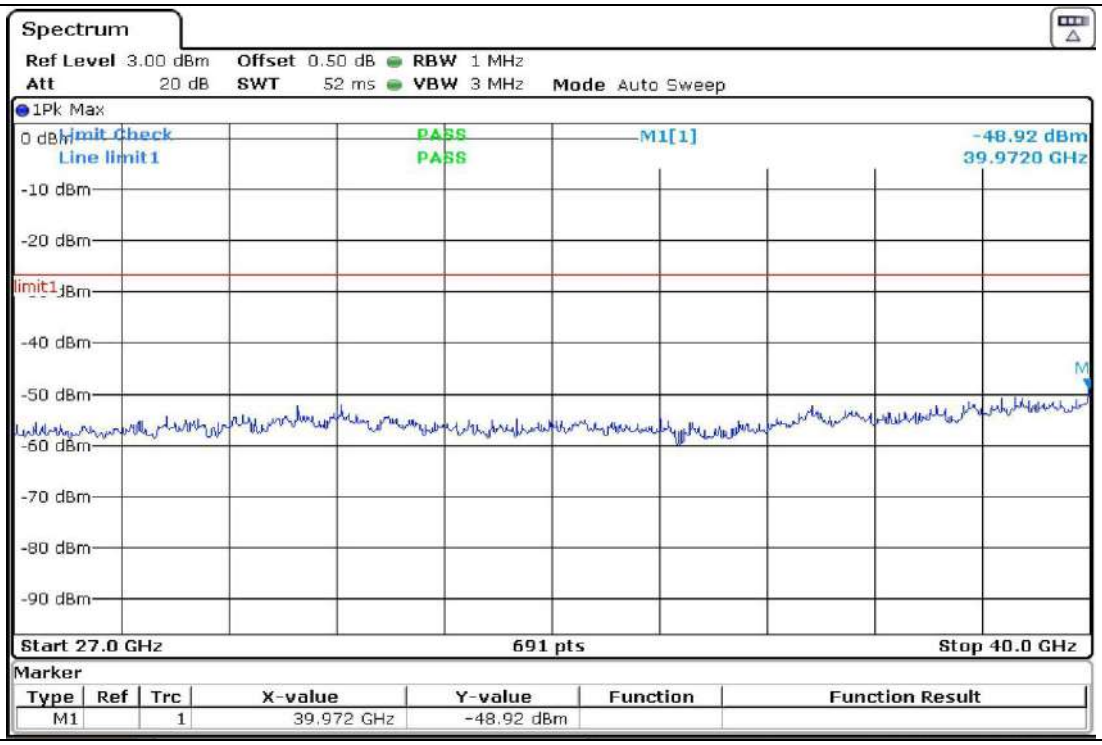
ac80 5.610 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac160 5.610 GHz



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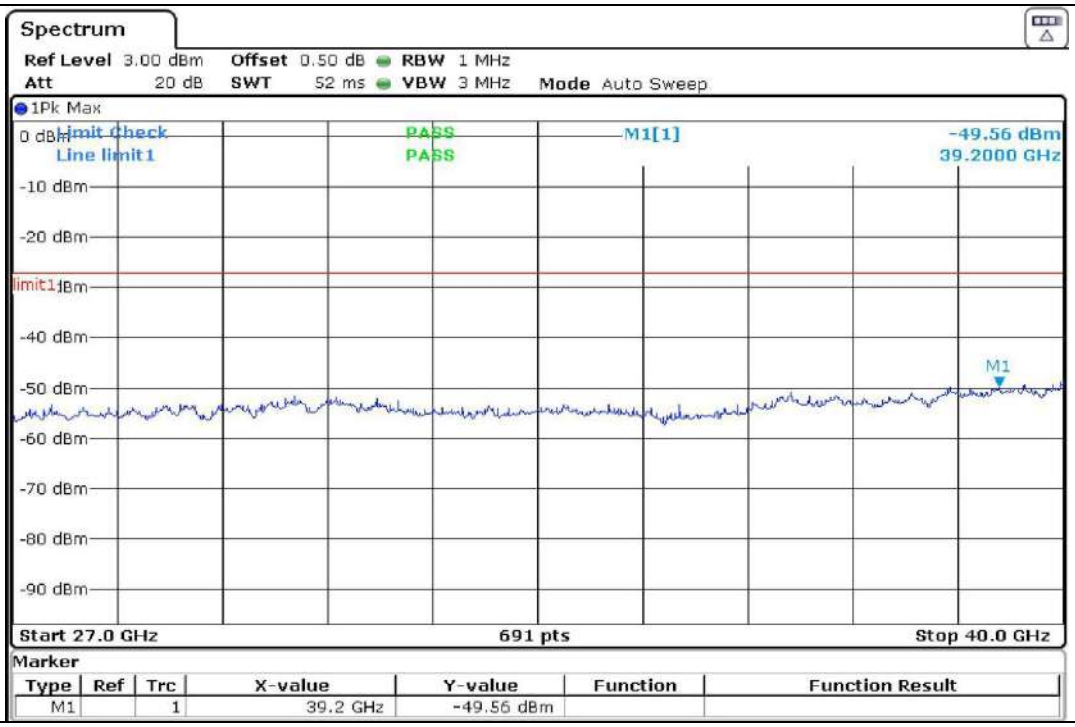
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.500 GHz



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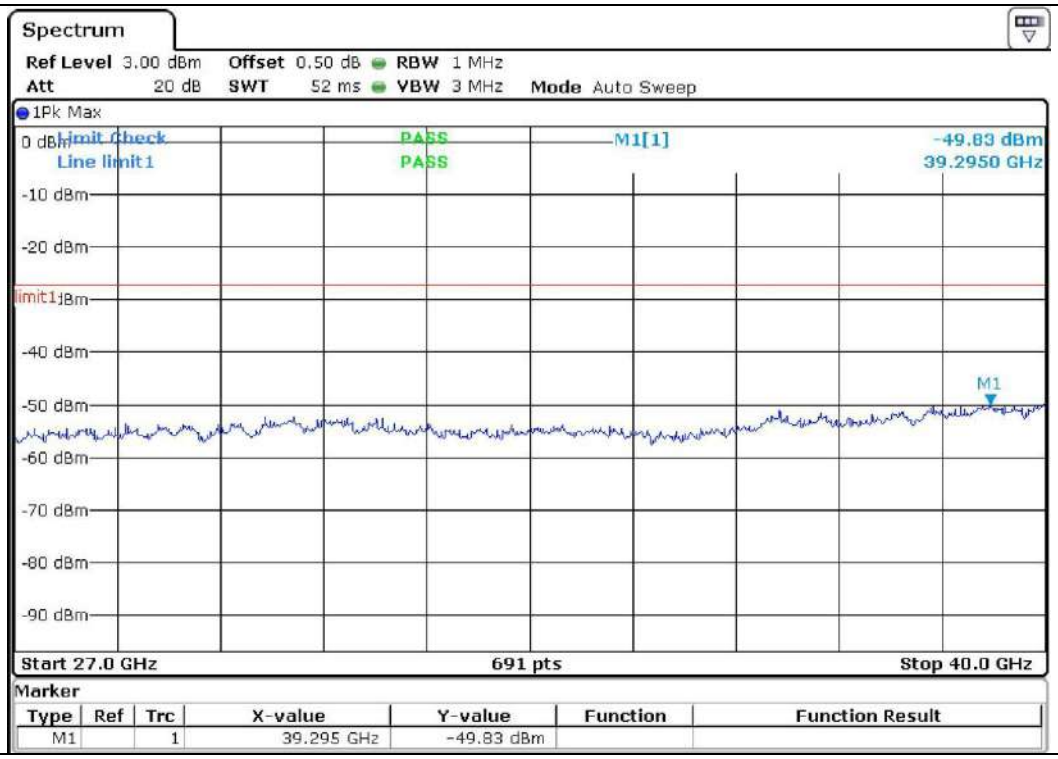
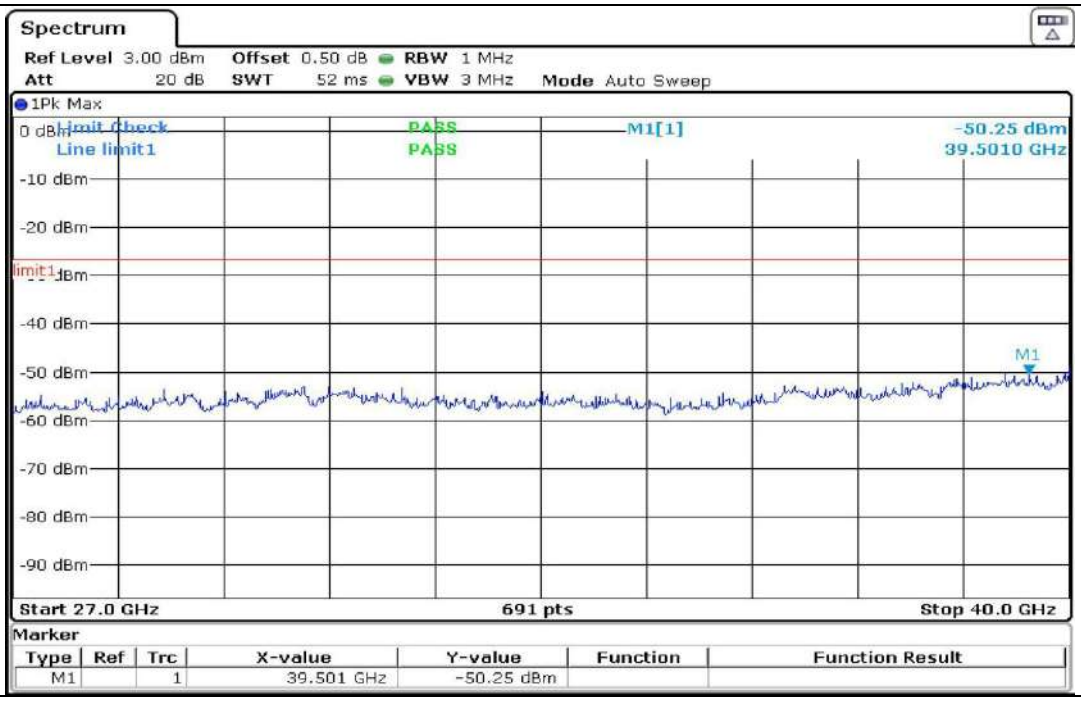
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.700 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.510 GHz



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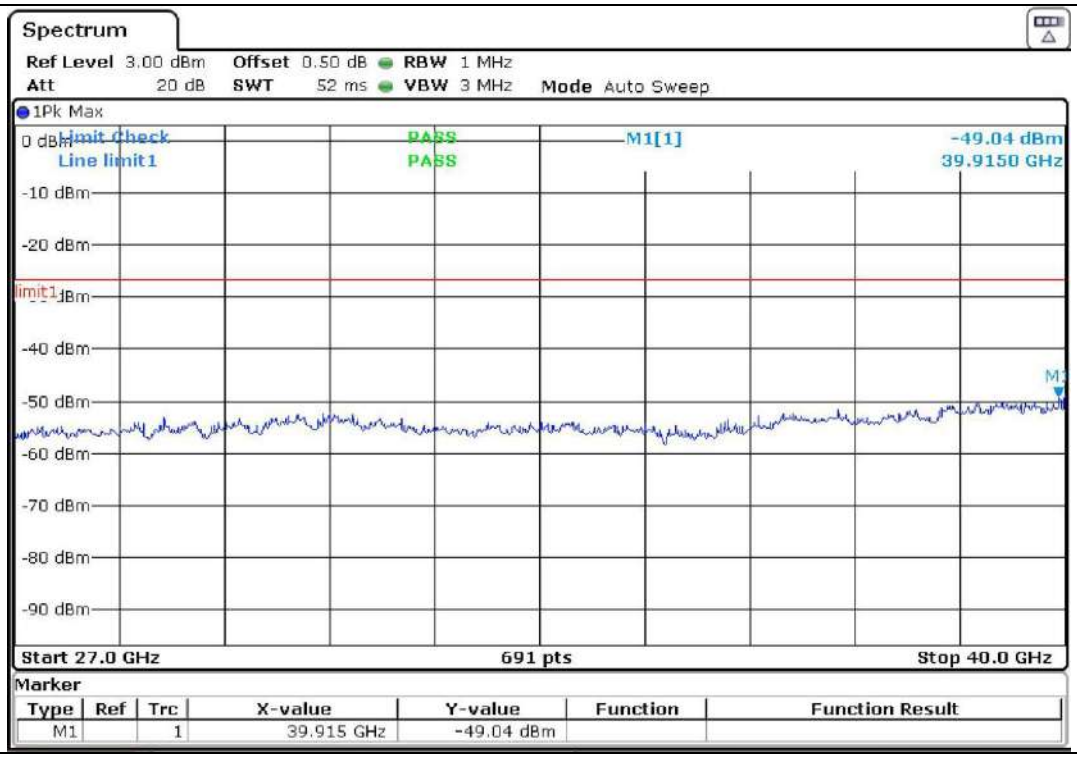
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.670 GHz



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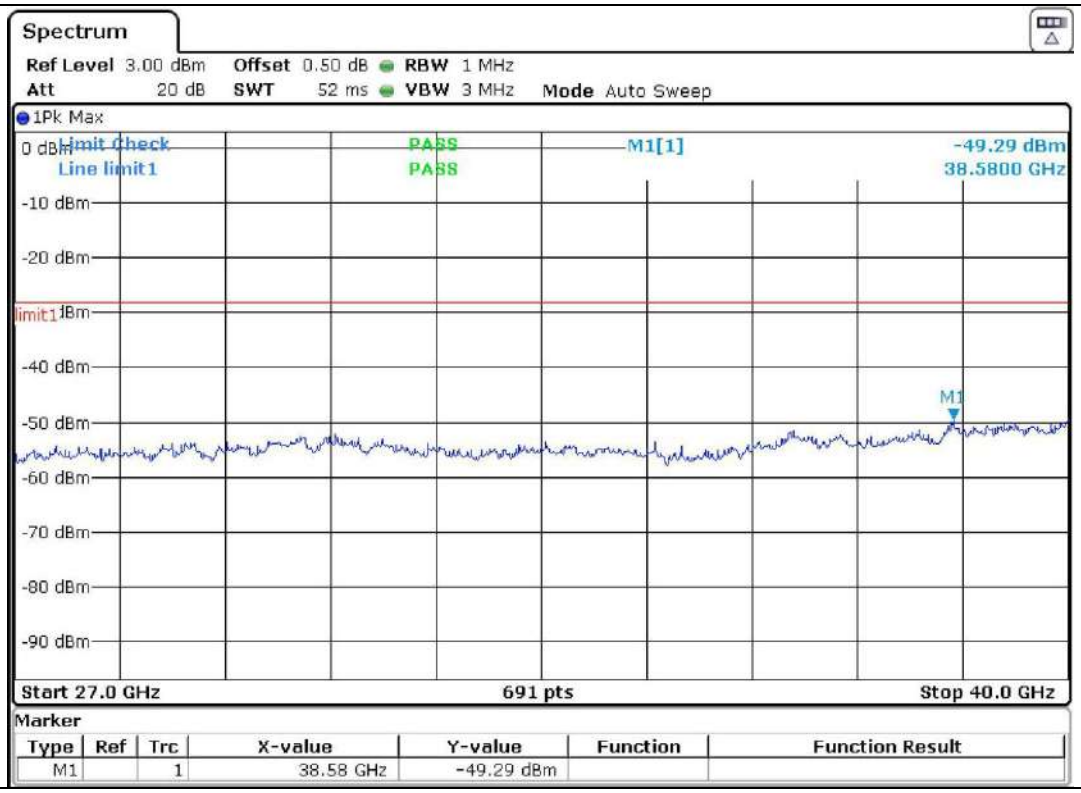
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax80 5.530 GHz



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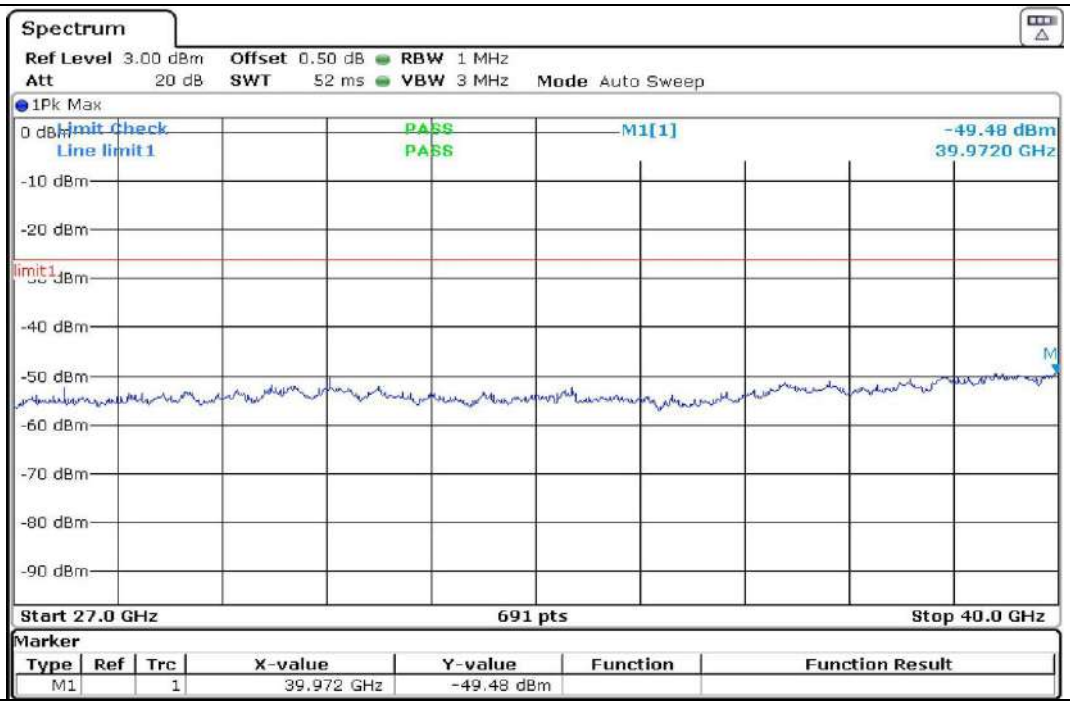
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax80 5.610 GHz



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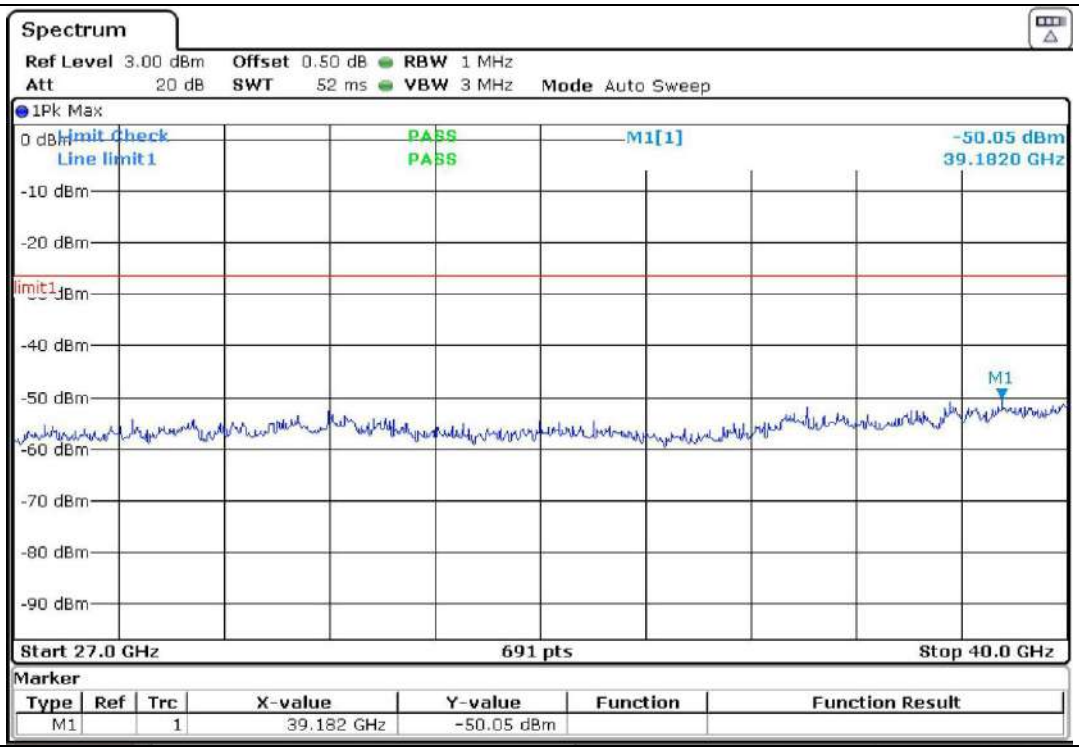
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax160 5.610 GHz



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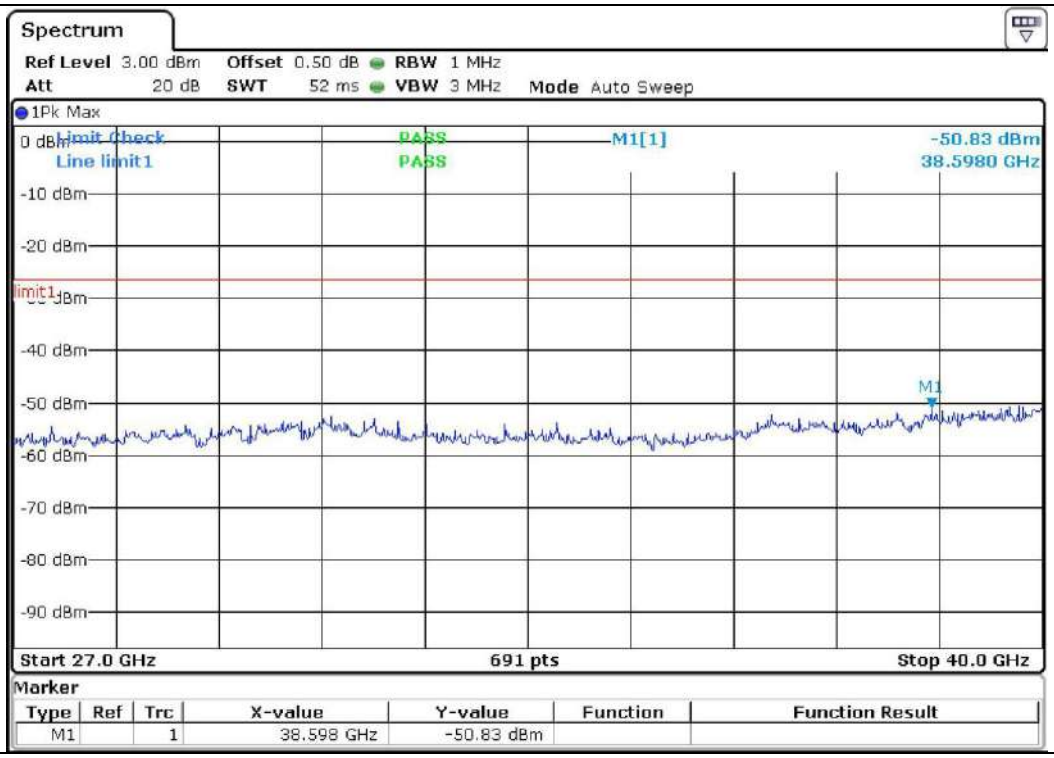
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

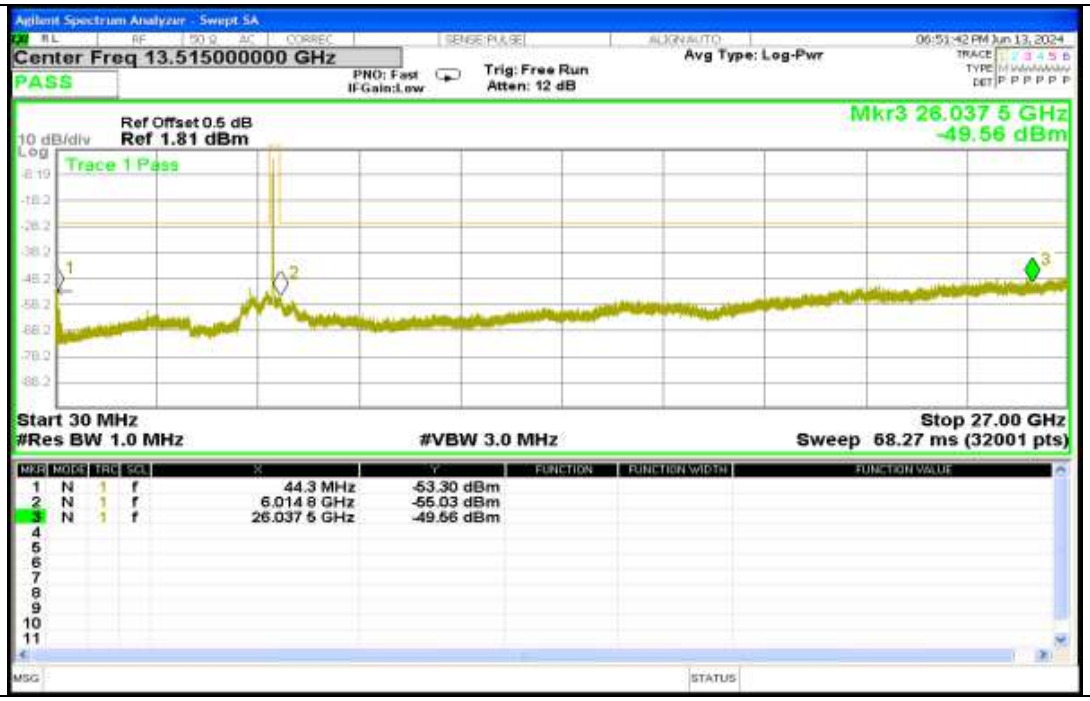
ac20 5.745 GHz

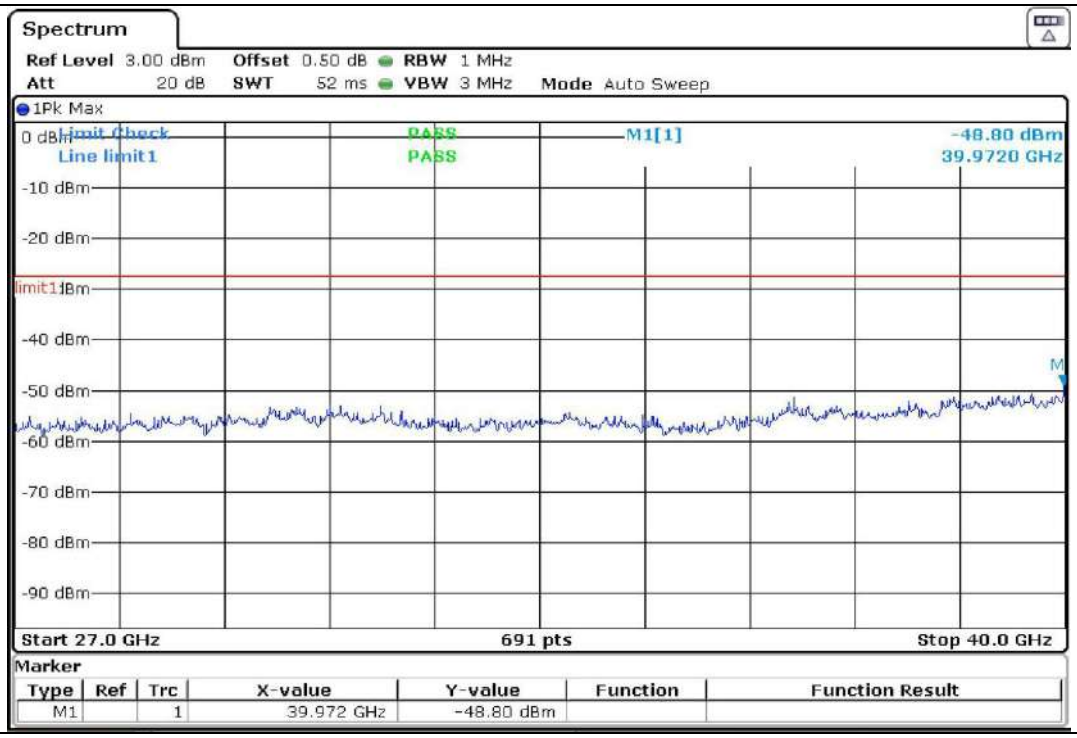


Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac20 5.825 GHz





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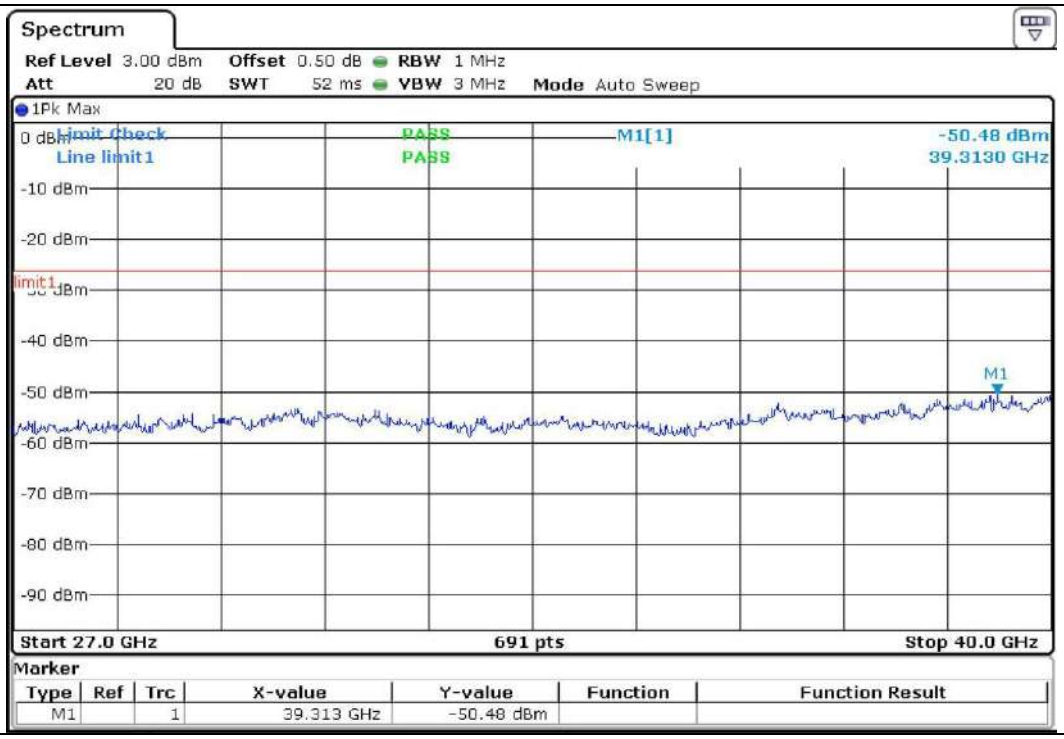
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.755 GHz



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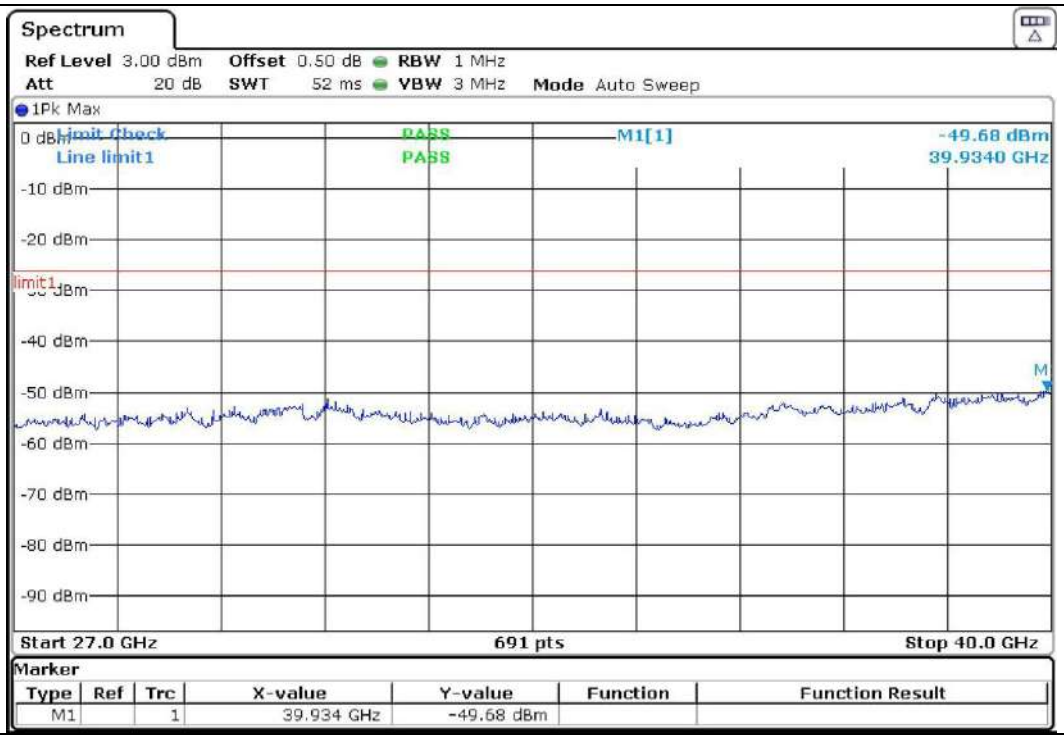
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.795 GHz



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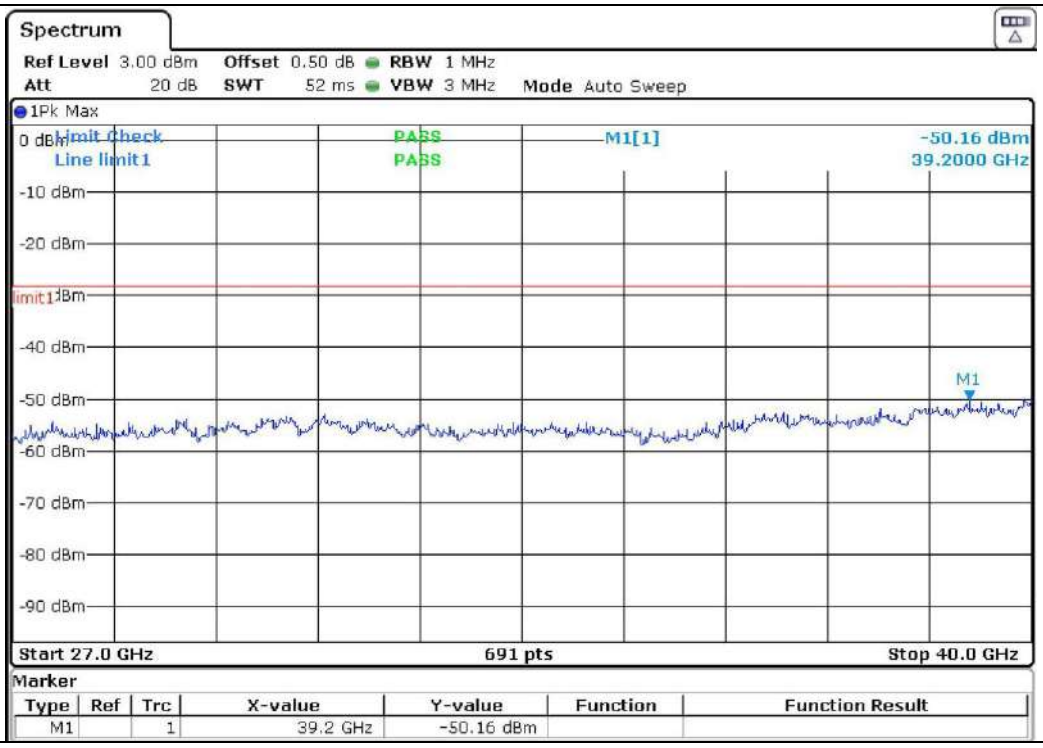
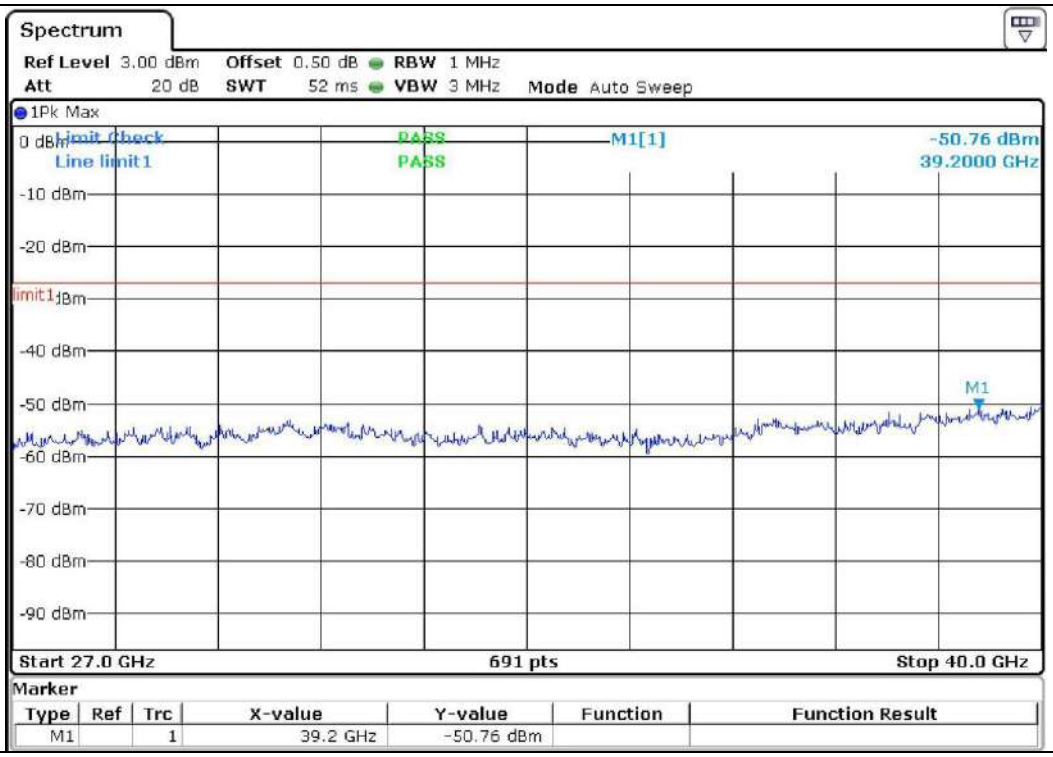
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.775 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.745 GHz



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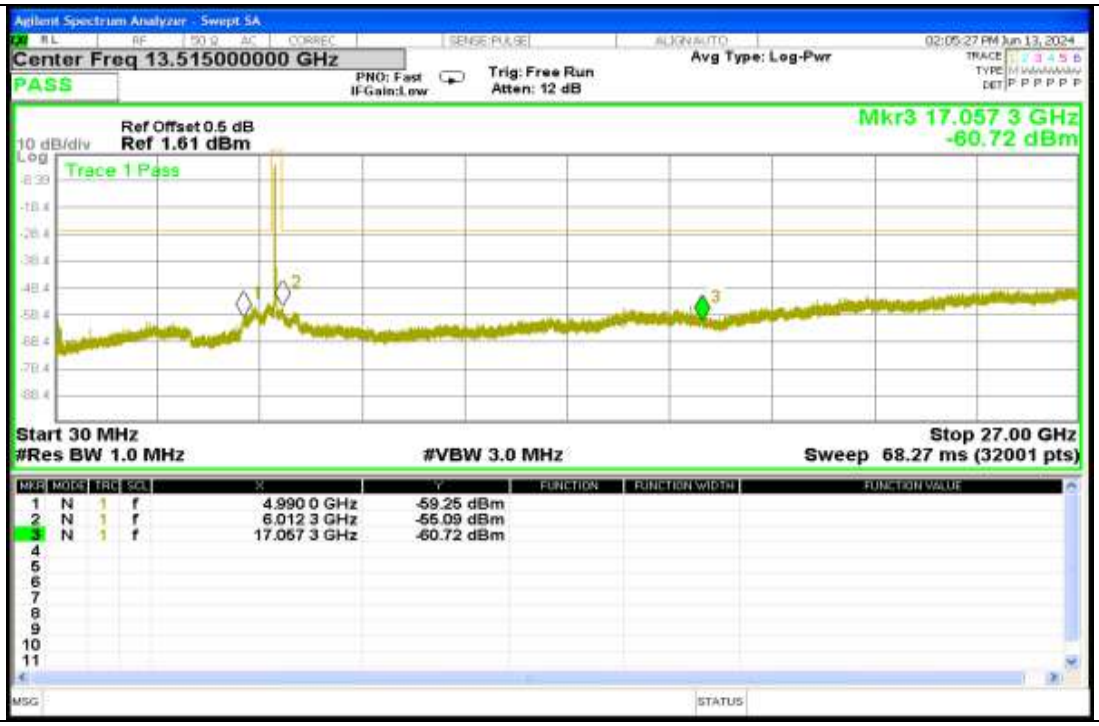
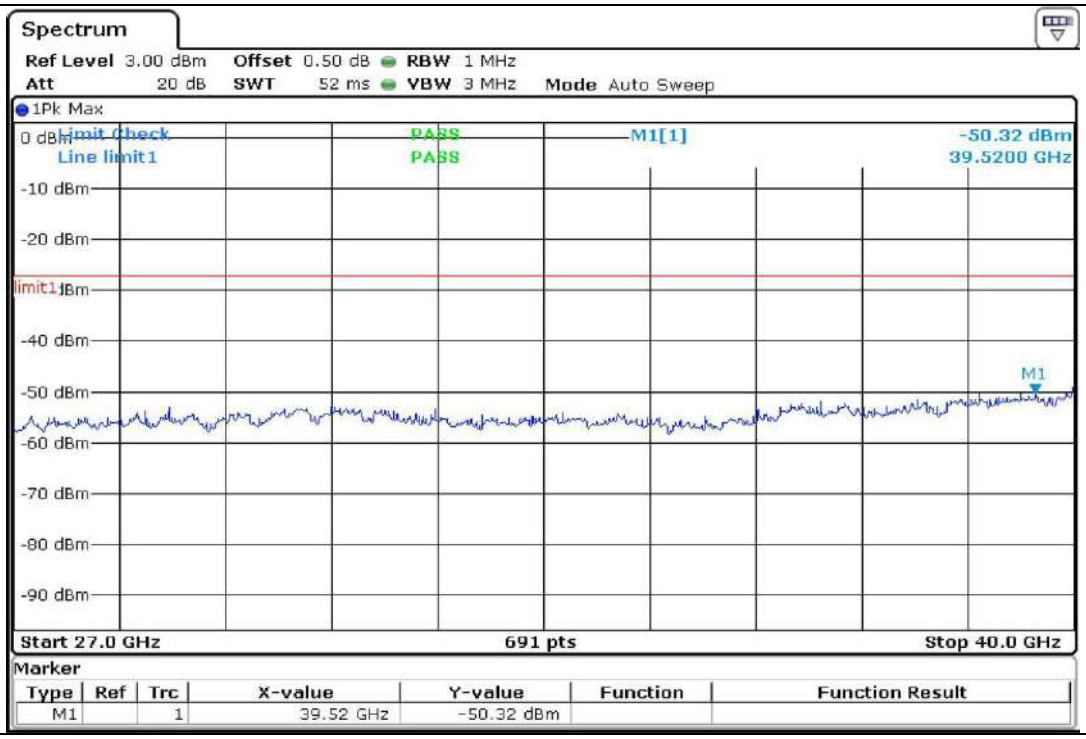
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.825 GHz





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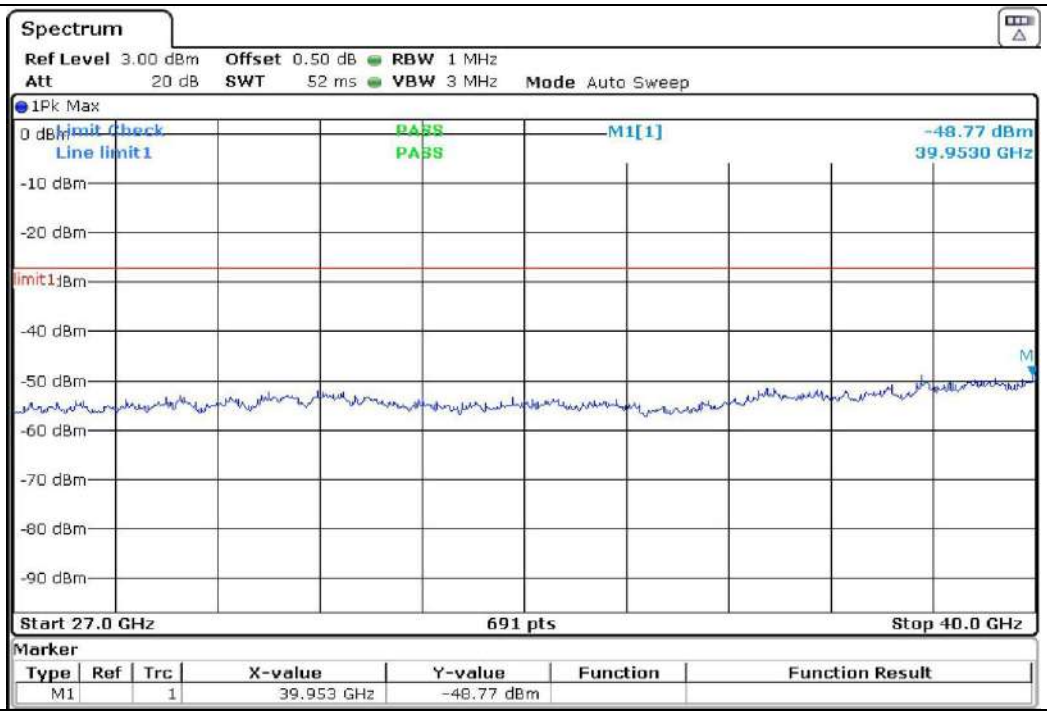
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.755 GHz



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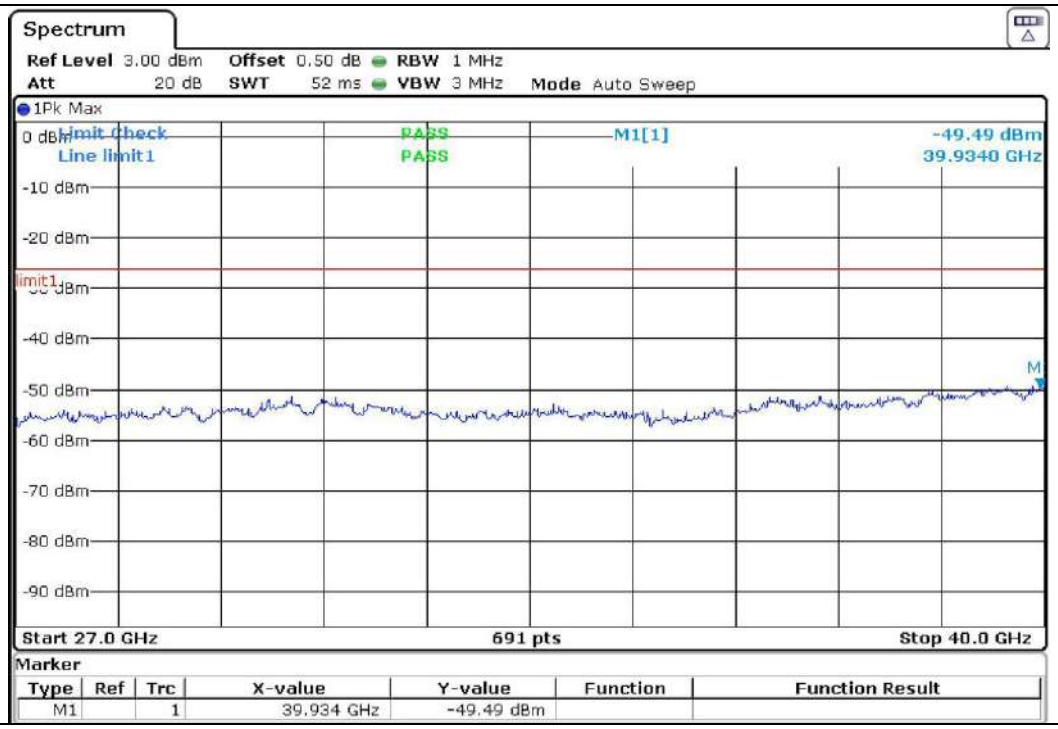
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.795 GHz



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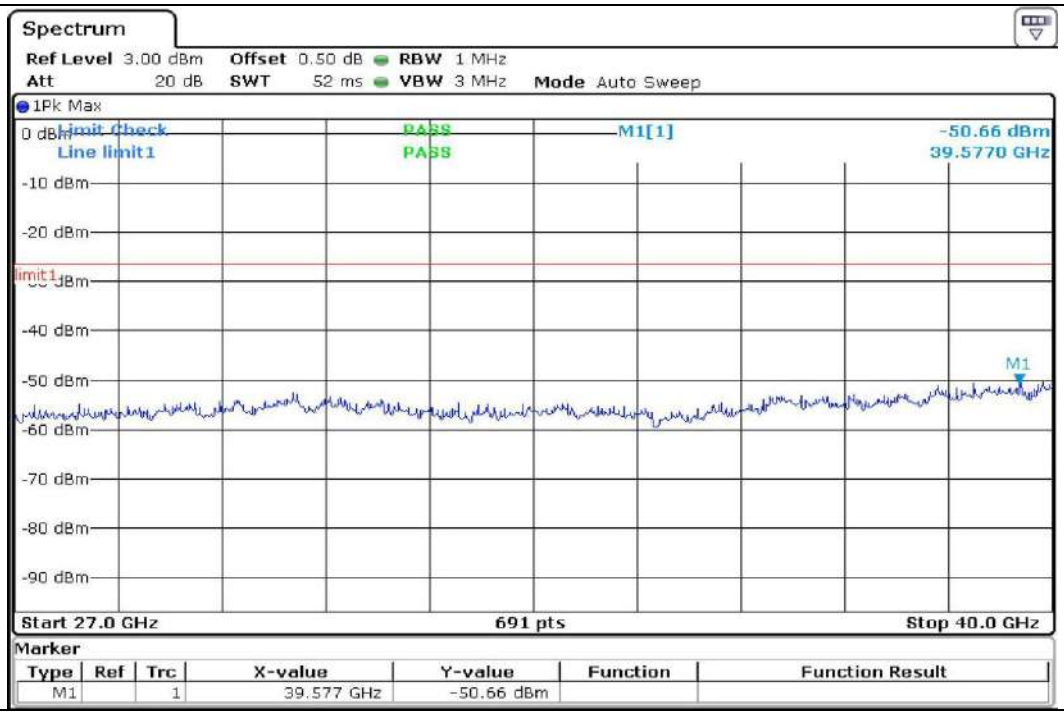
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax80 5.775 GHz

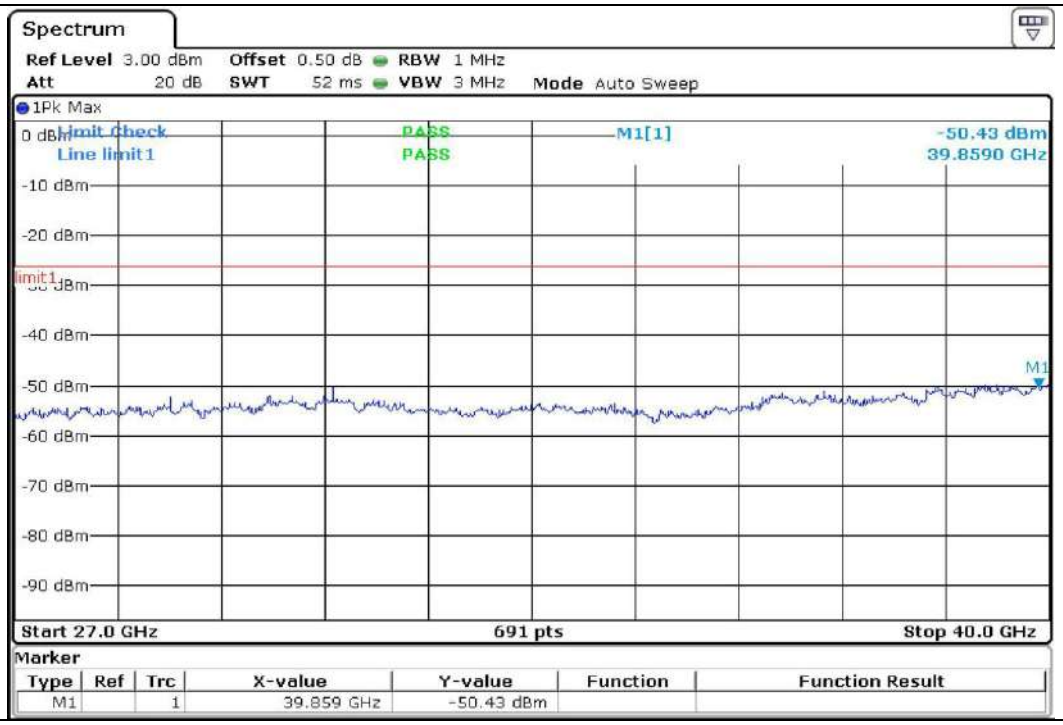


Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Antenna 1:

ac20 5.180 GHz



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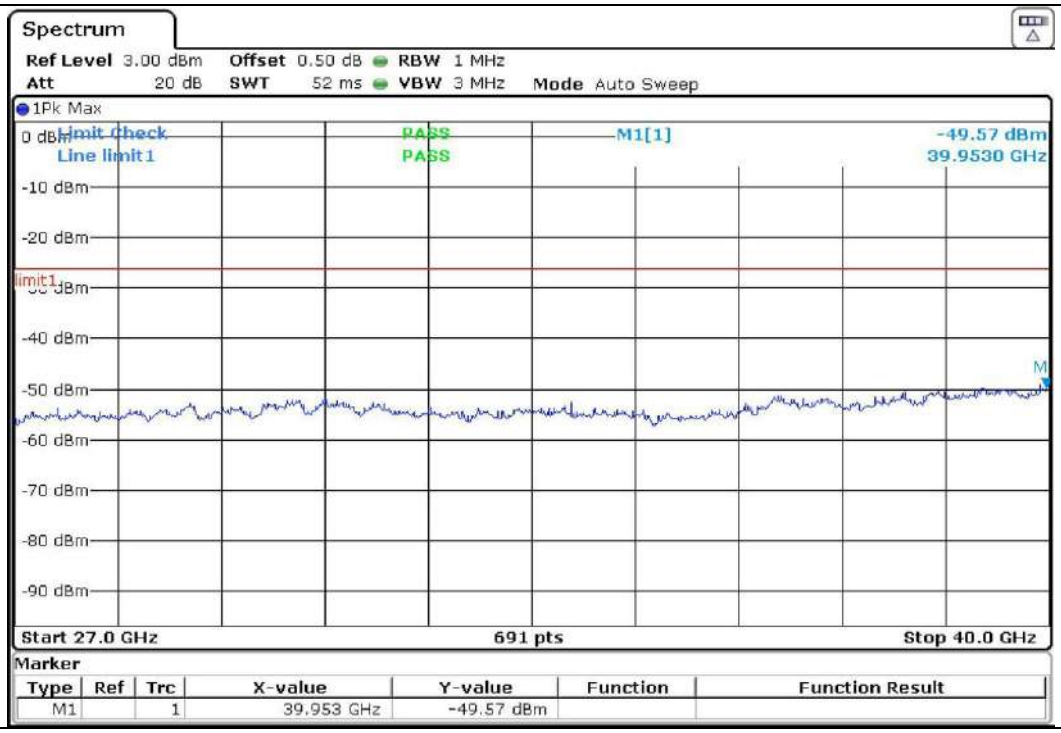
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

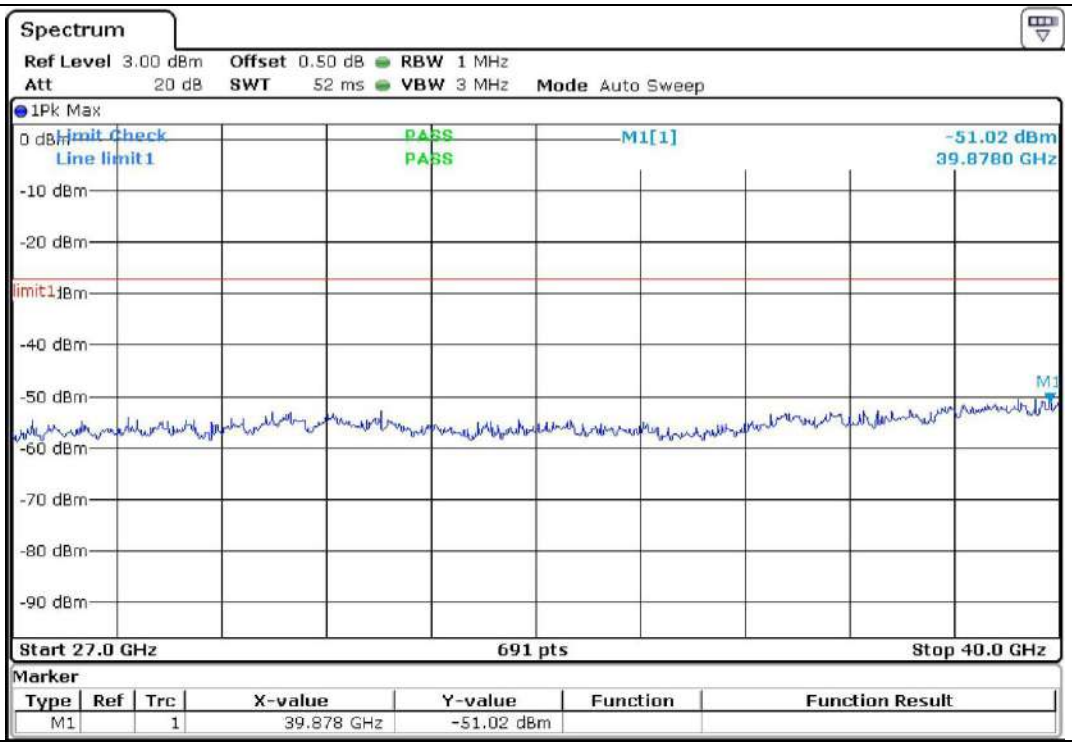
ac20 5.240 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

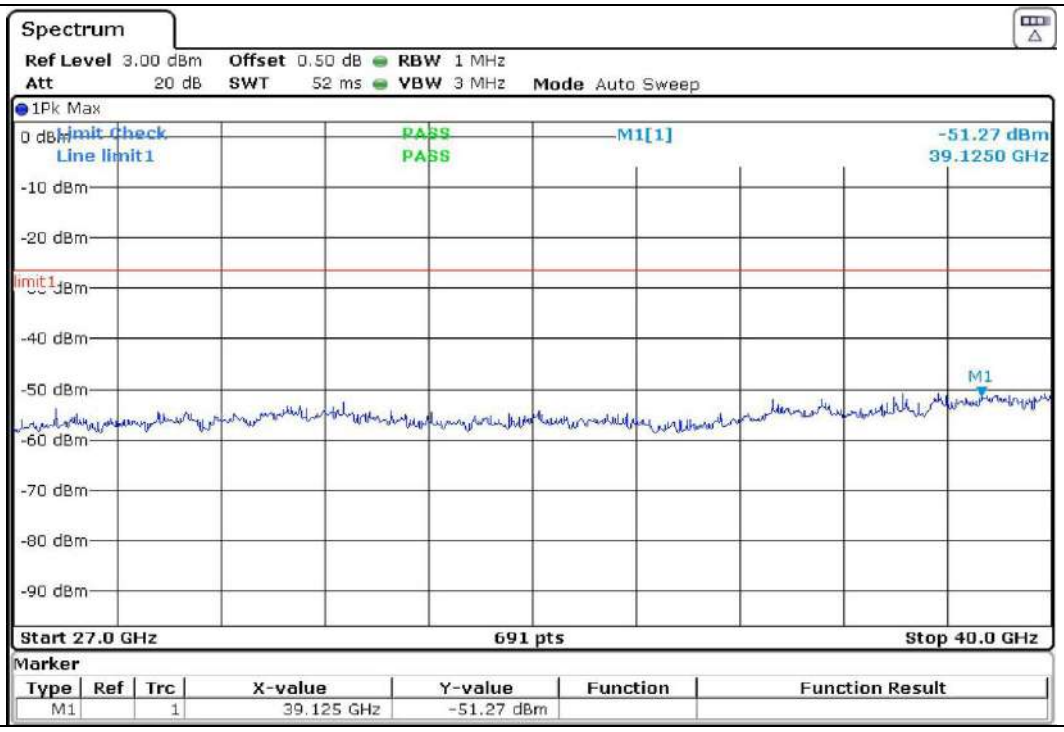
ac40 5.190 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.230 GHz



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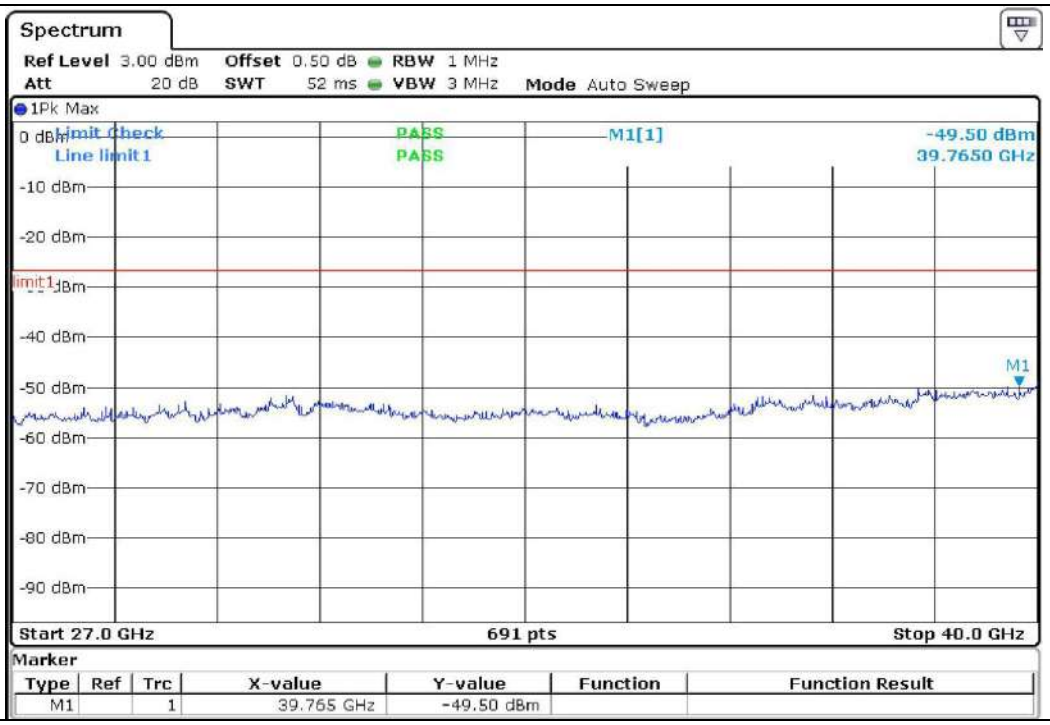
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.210 GHz



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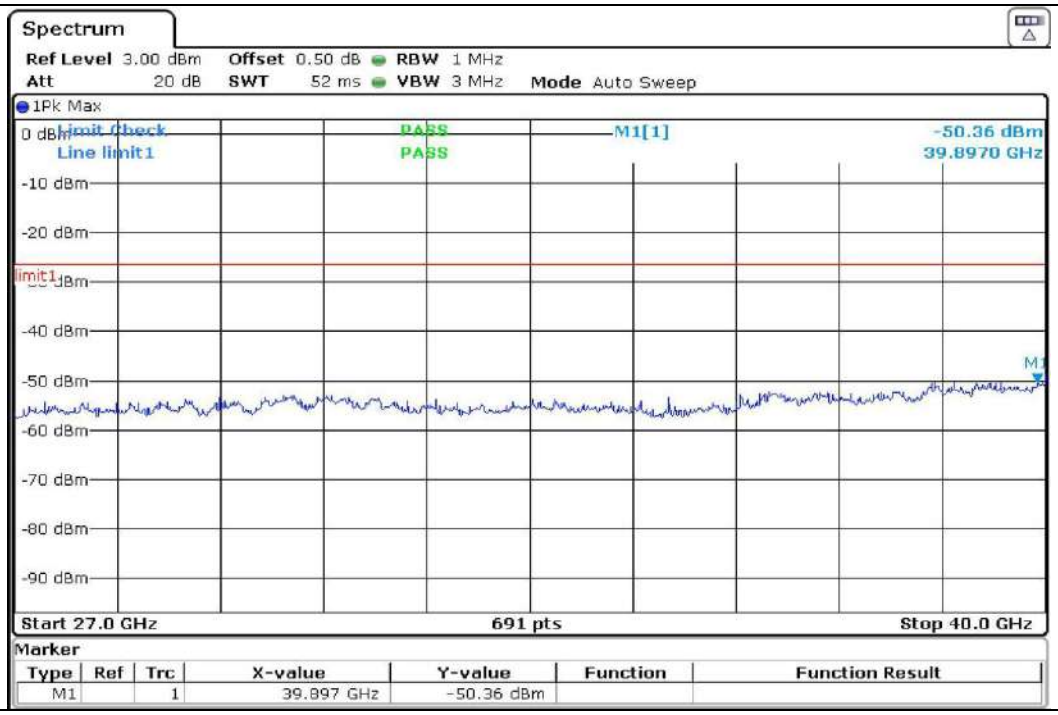
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.180 GHz



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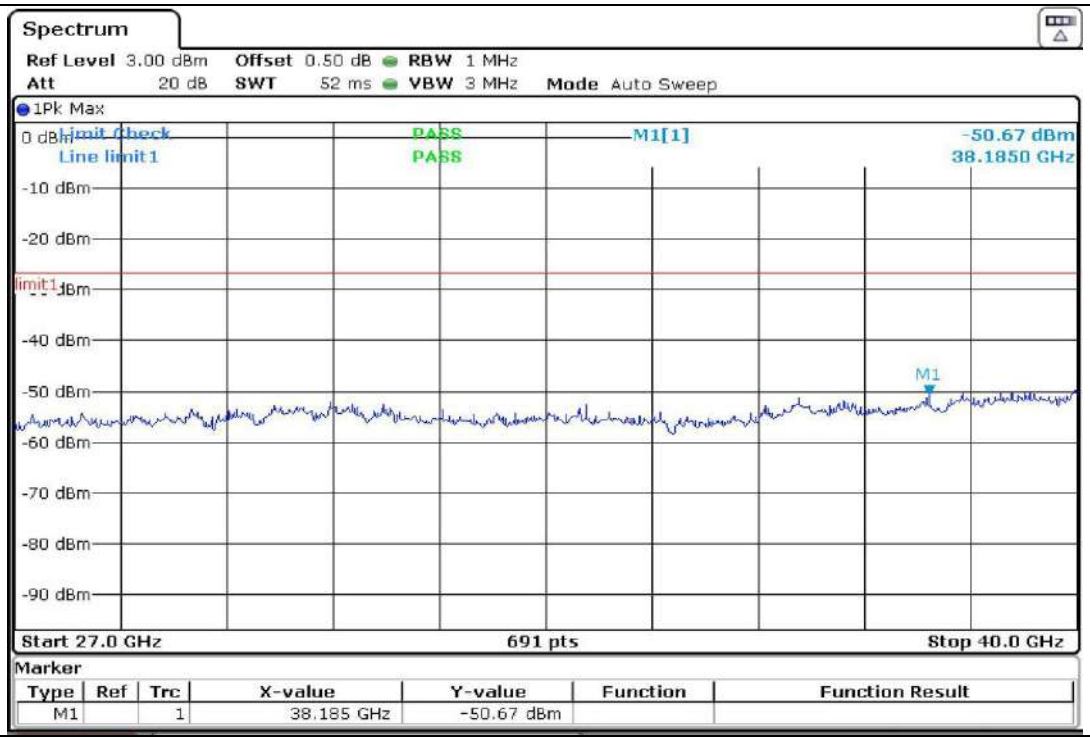
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.240 GHz



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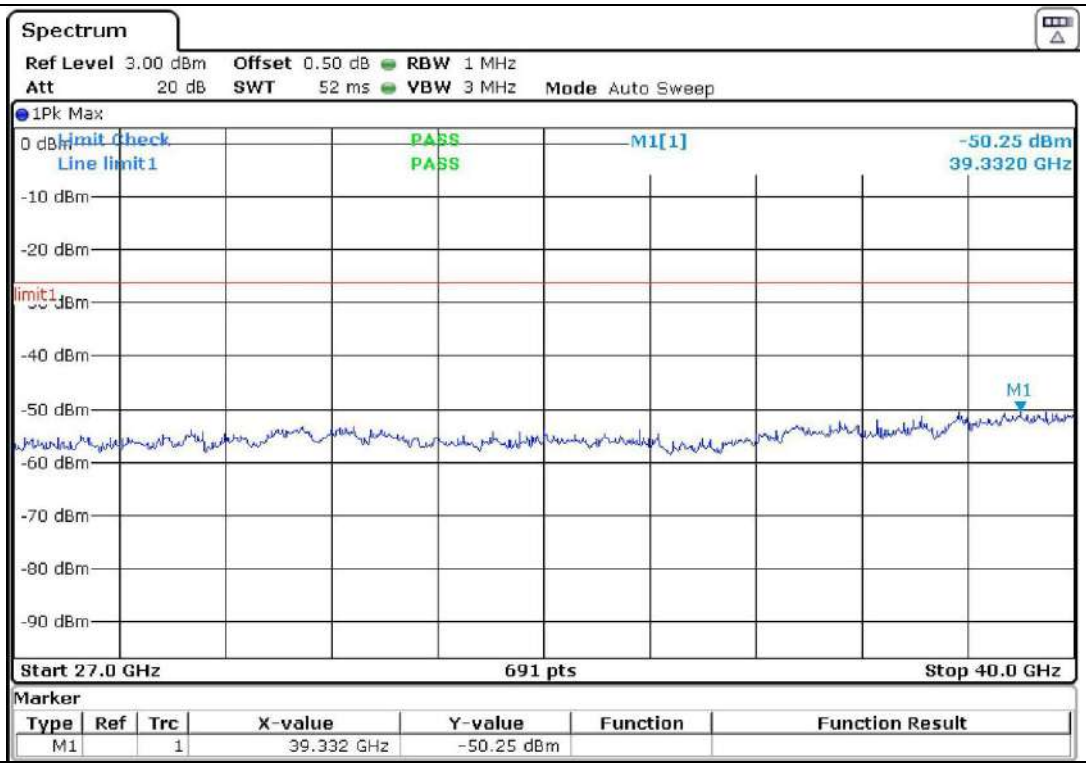
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

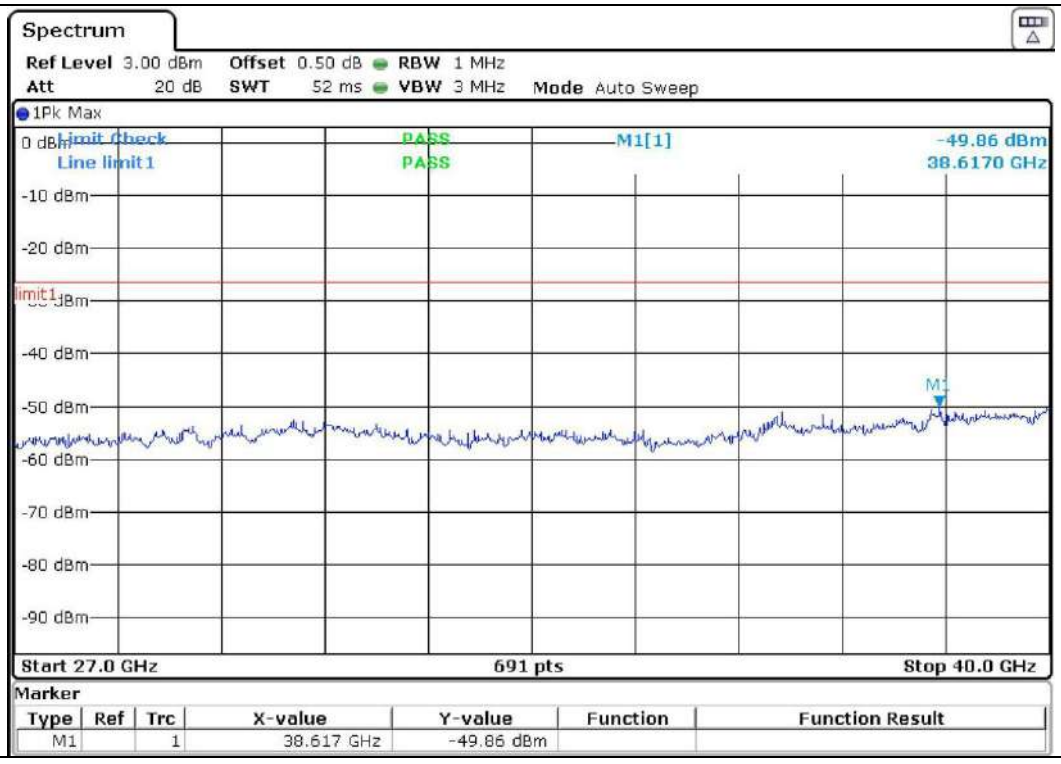
ax40 5.190 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.230 GHz



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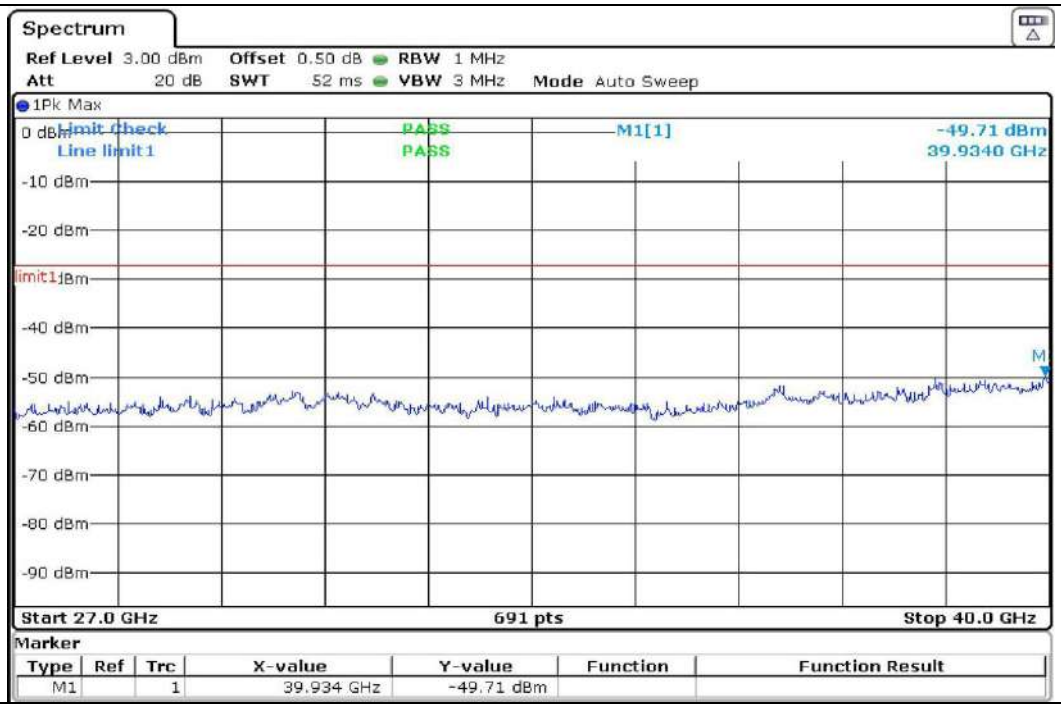
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax80 5.210 GHz



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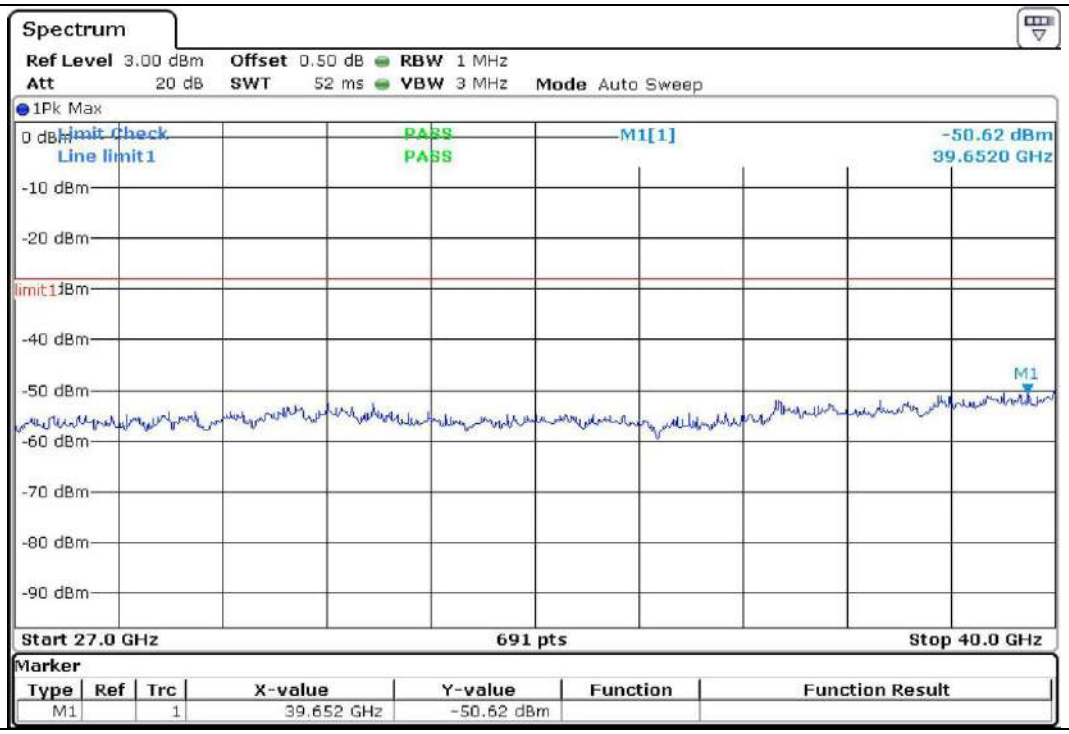
ac20 5.260 GHz



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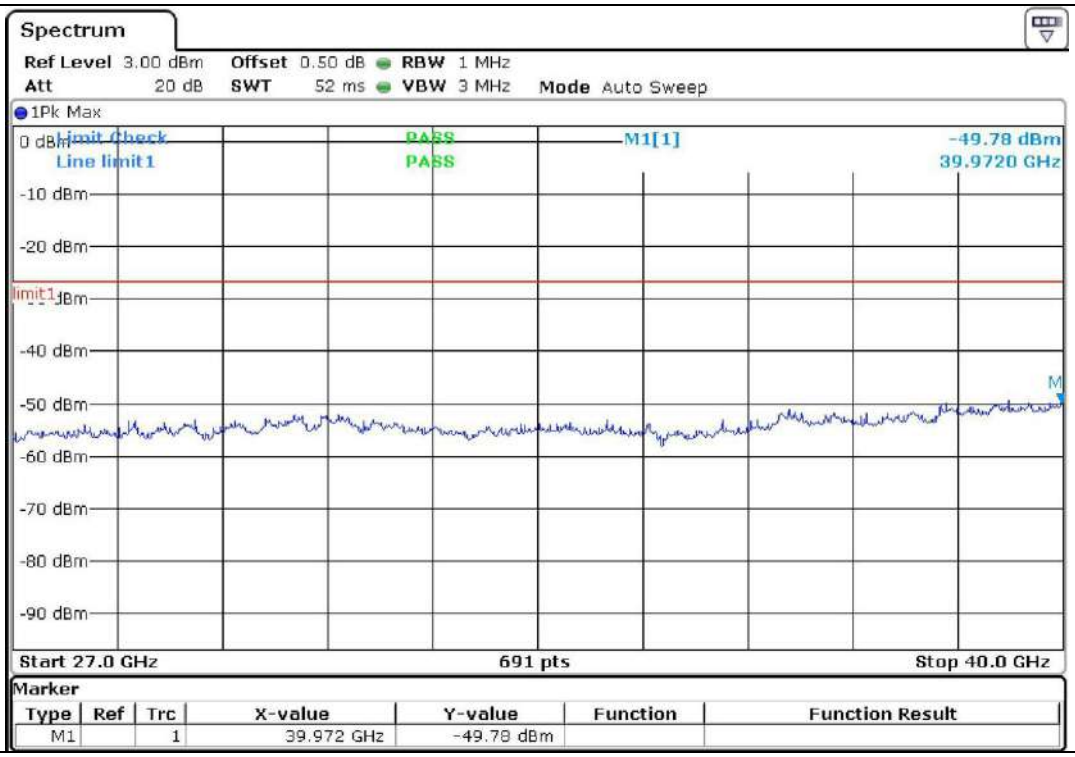
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac20 5.320 GHz



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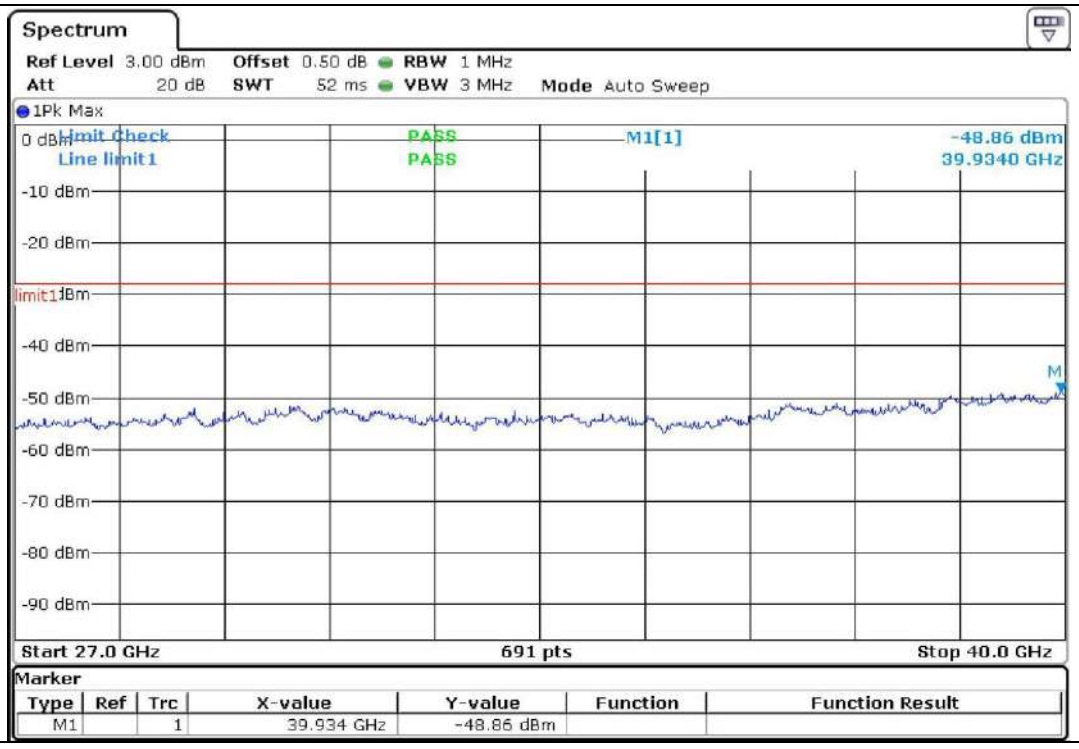
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

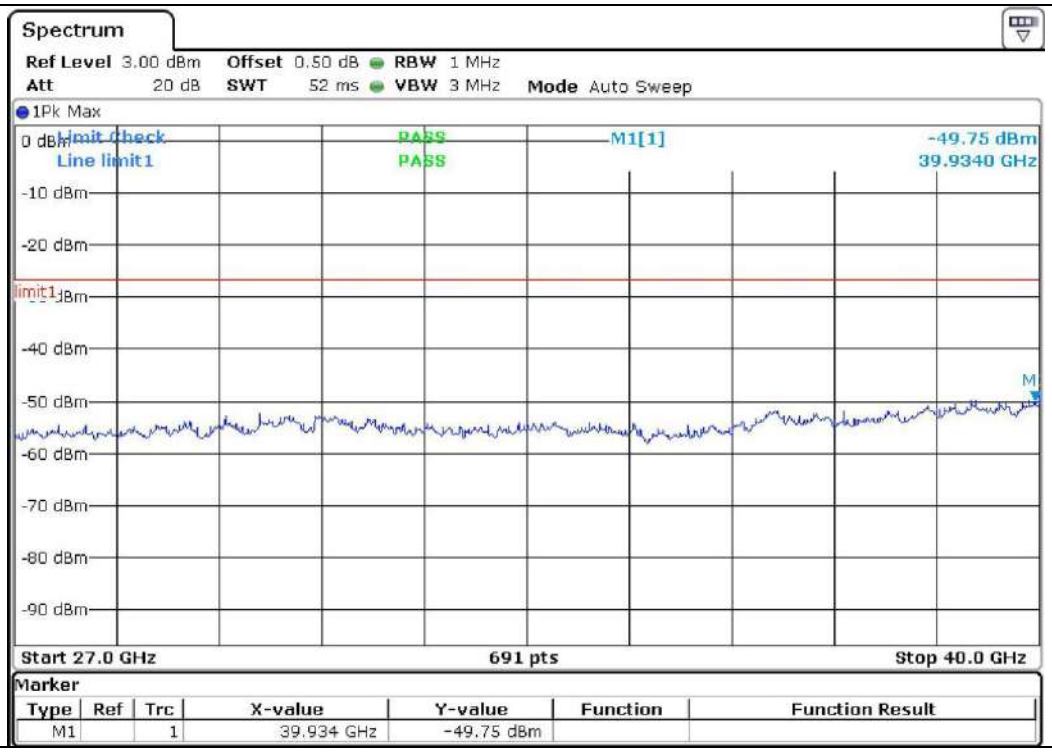
ac40 5.270 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.310 GHz



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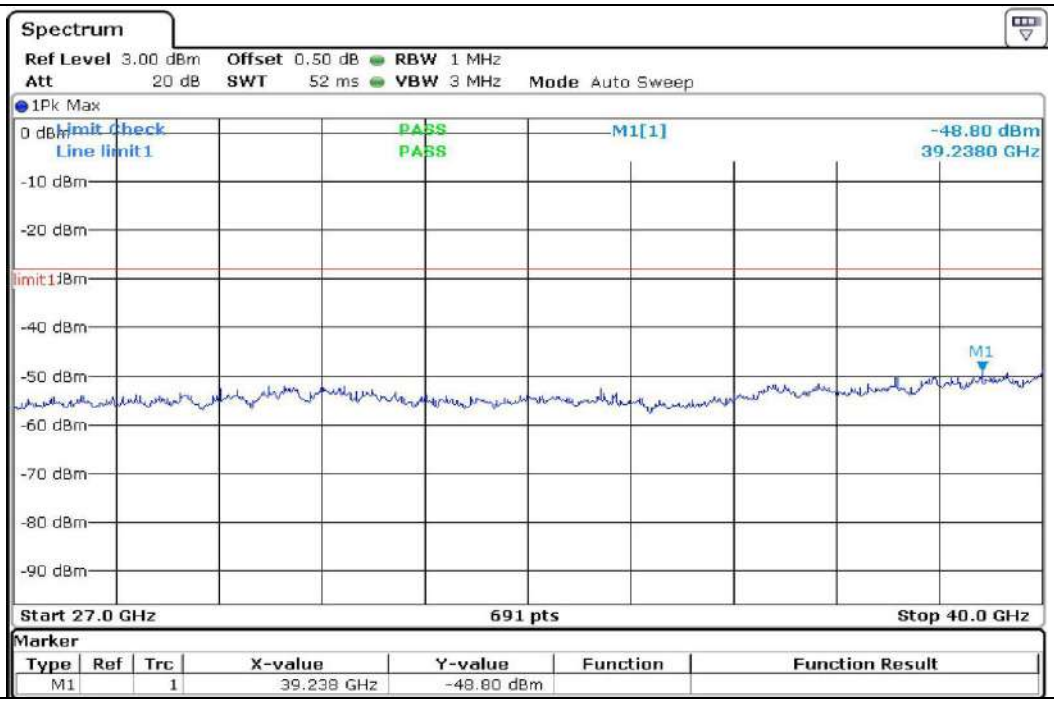
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.290 GHz



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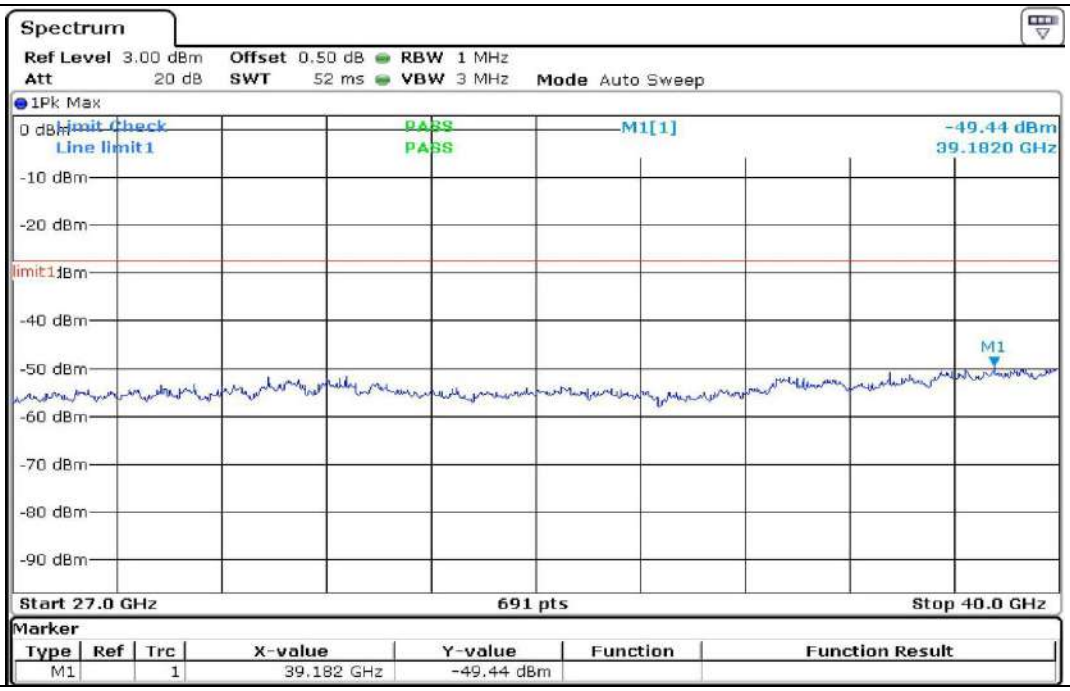
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.260 GHz



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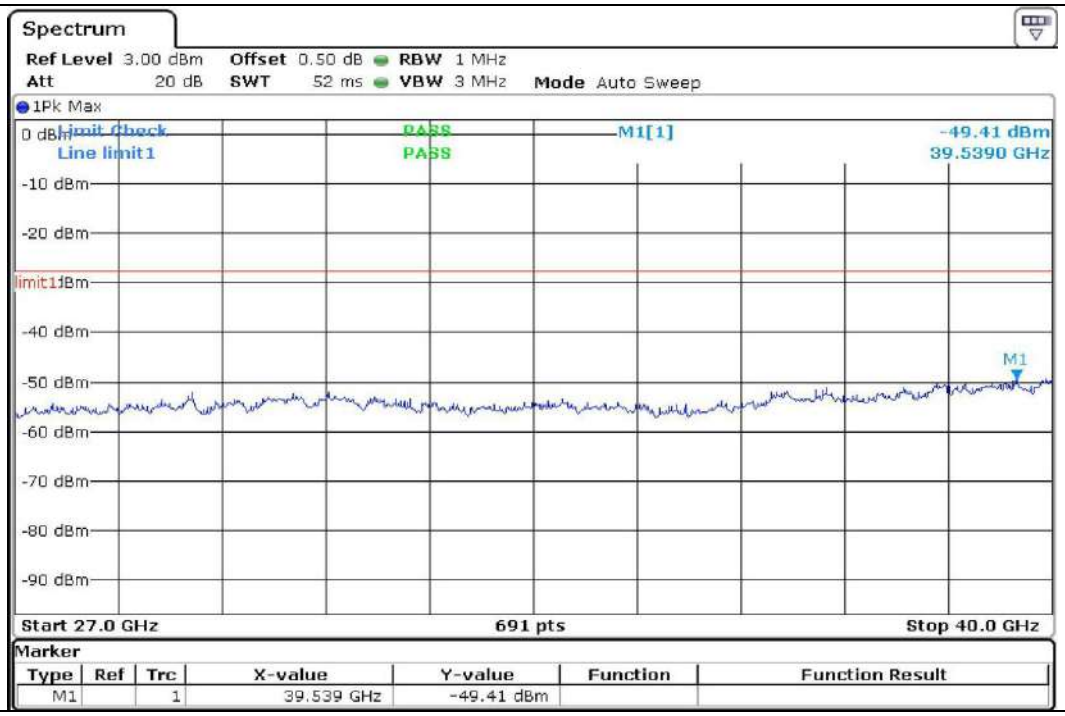
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.320 GHz



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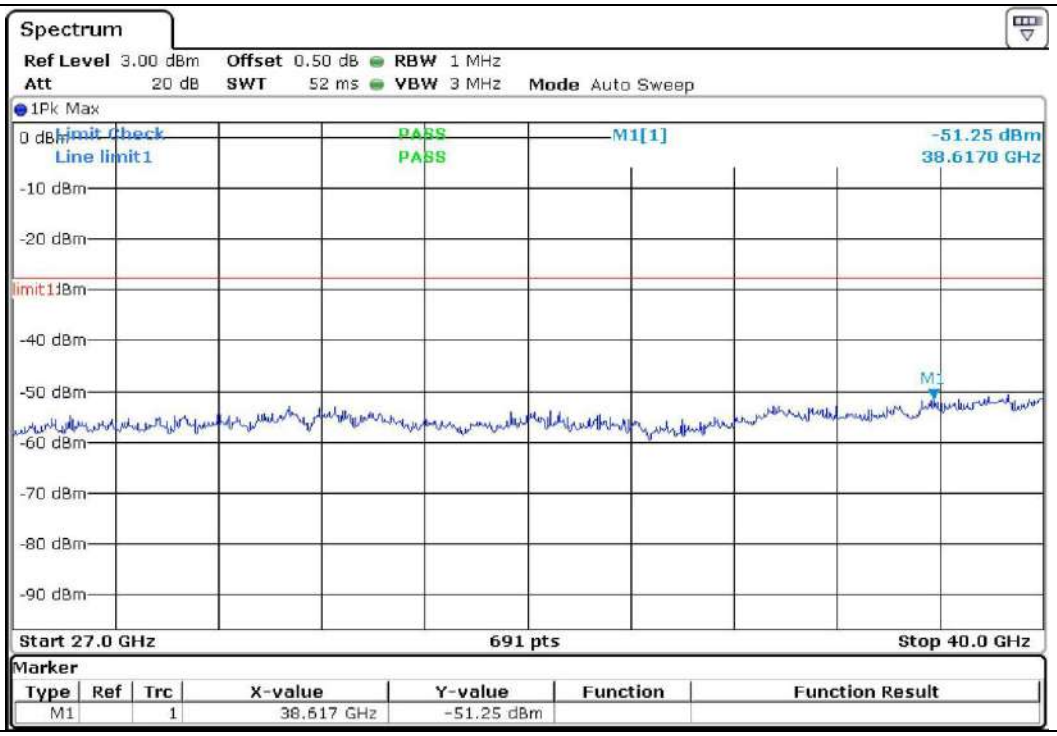
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.270 GHz



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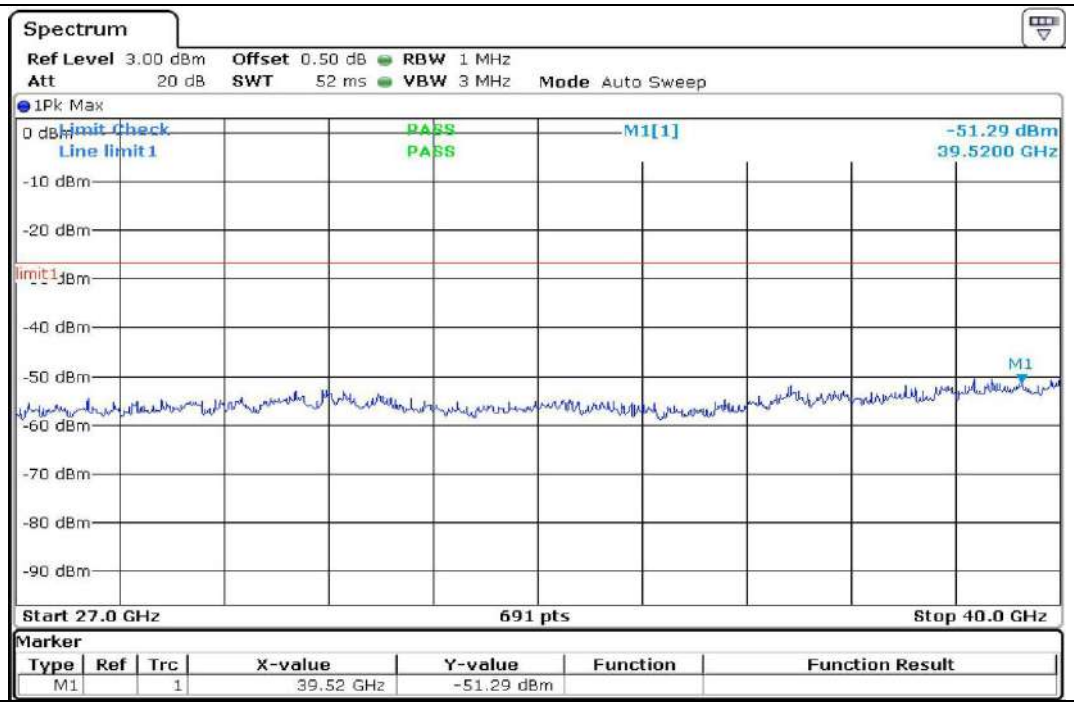
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.310 GHz



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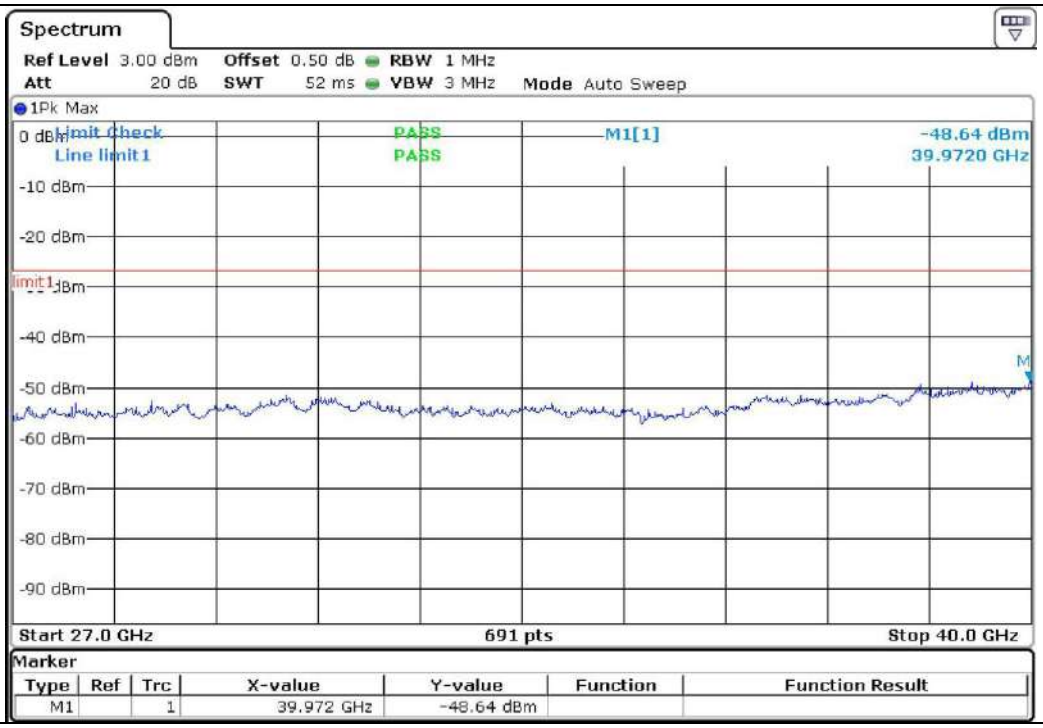
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax80 5.290 GHz



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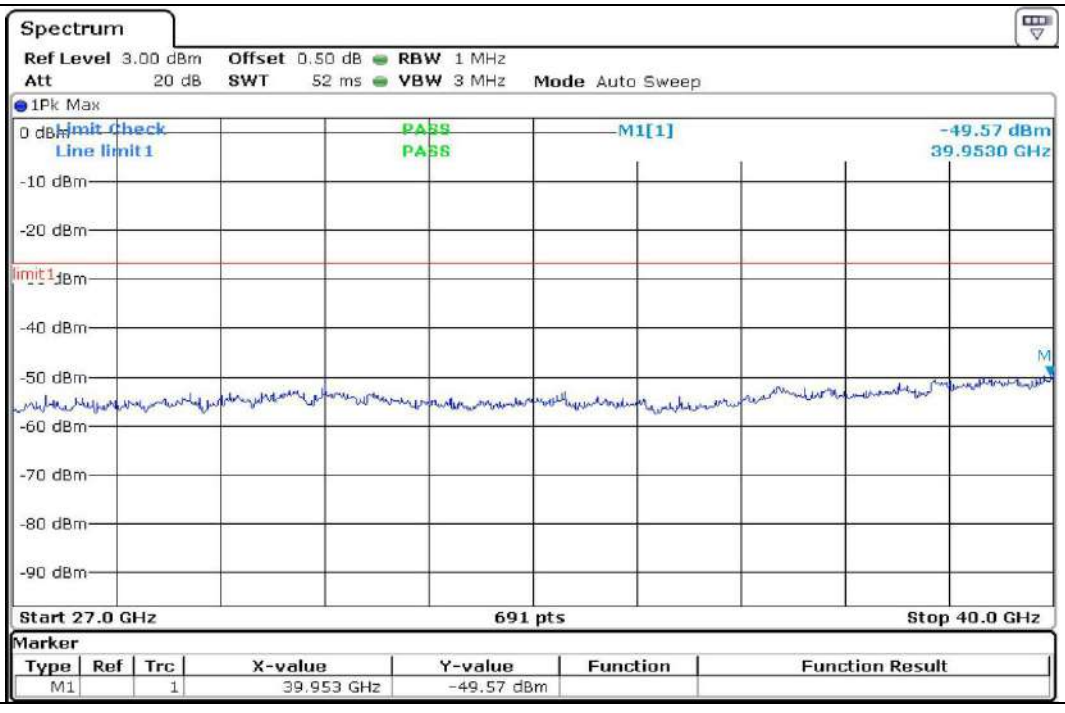
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac20 5.500 GHz



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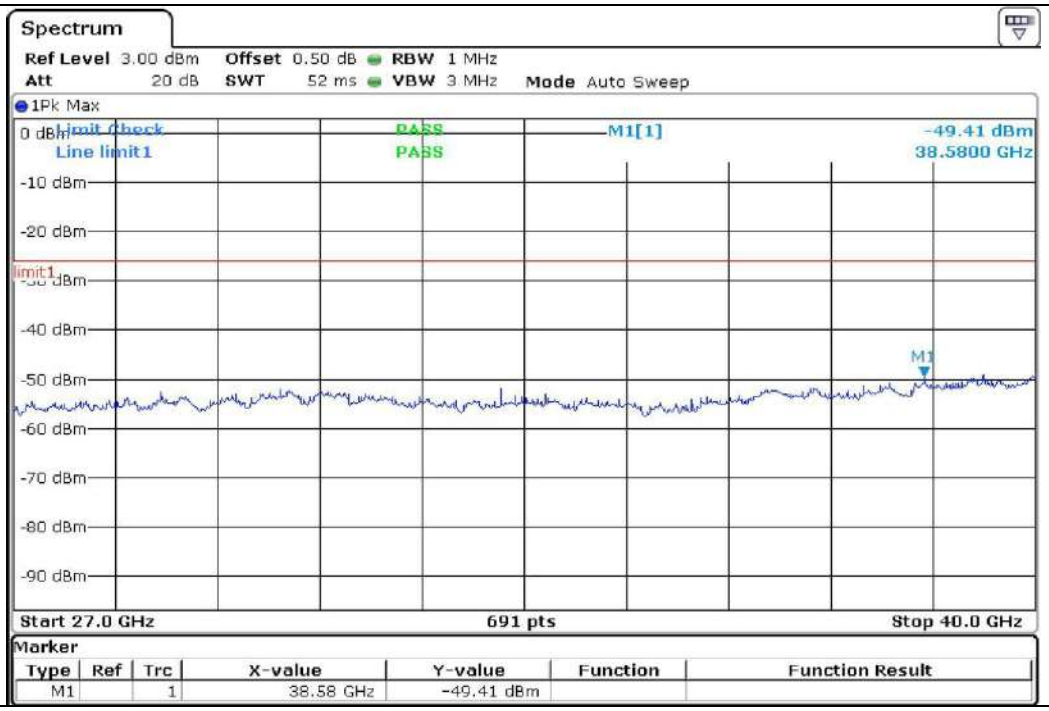
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac20 5.700 GHz



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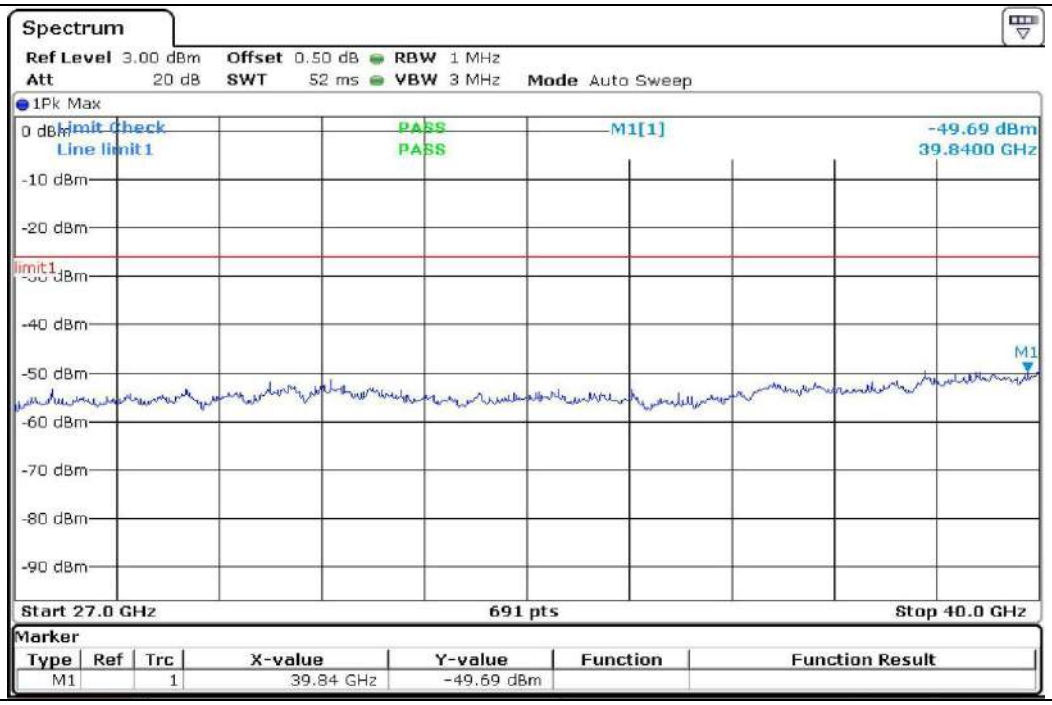
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.510 GHz



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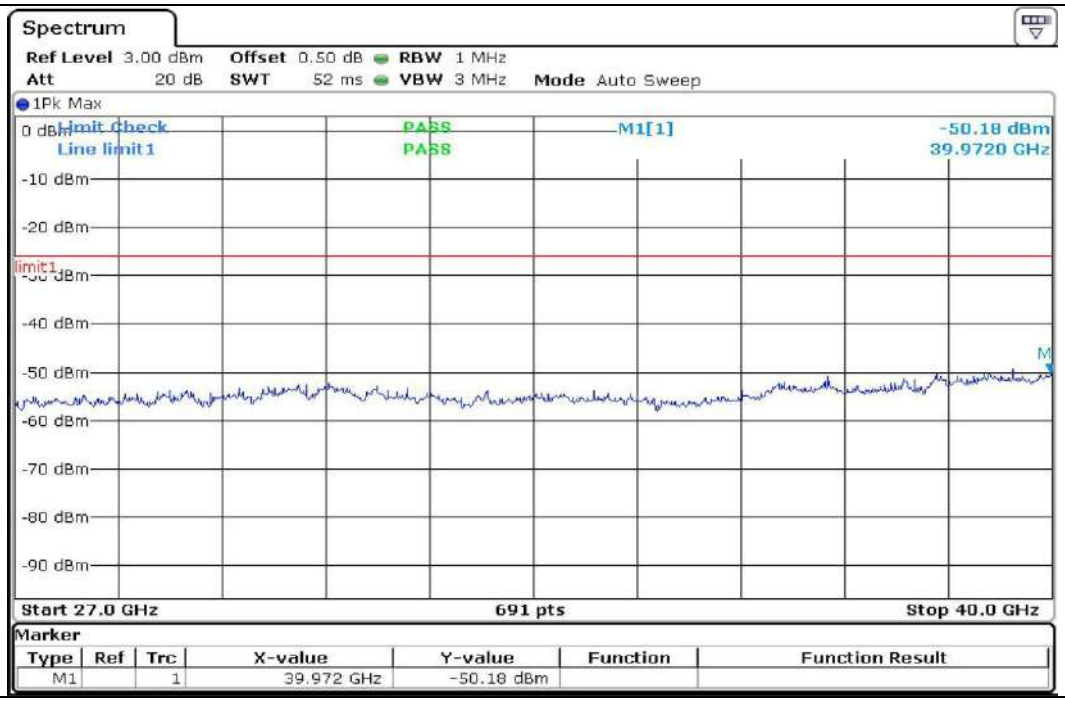
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

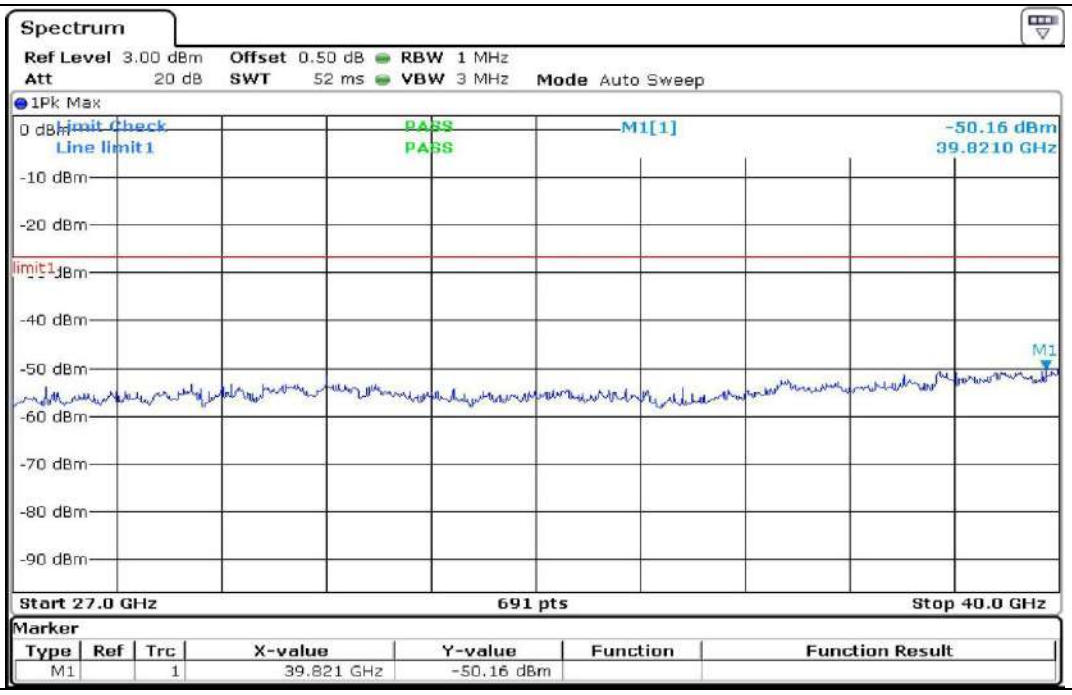
ac40 5.670 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.530 GHz



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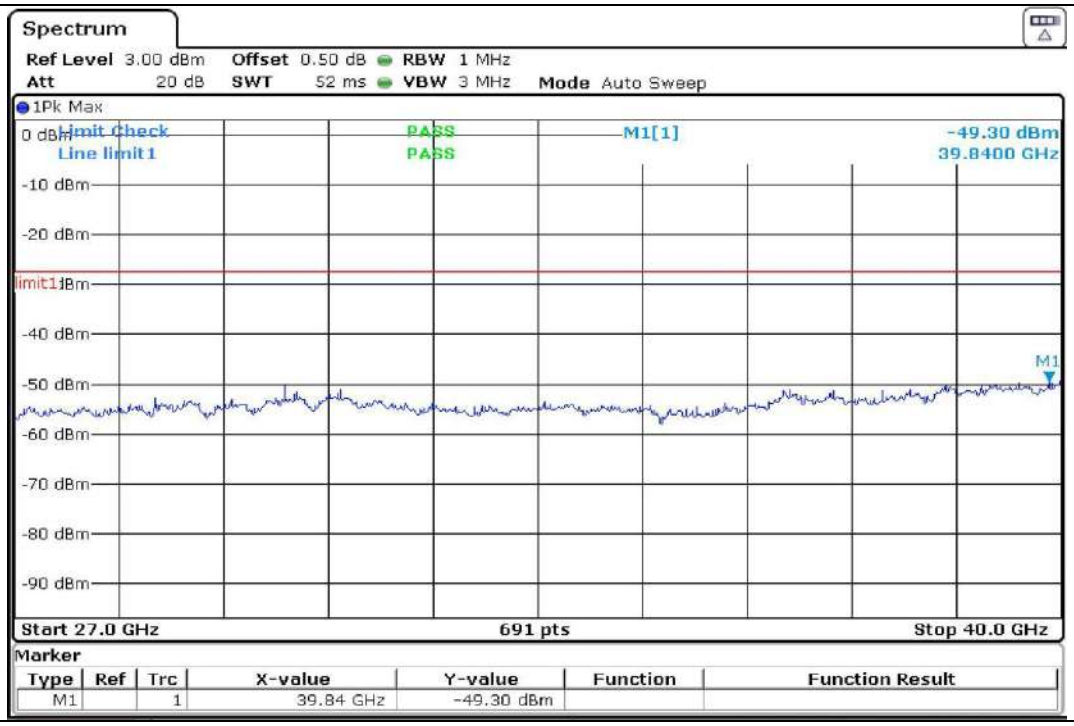
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac160 5.610 GHz



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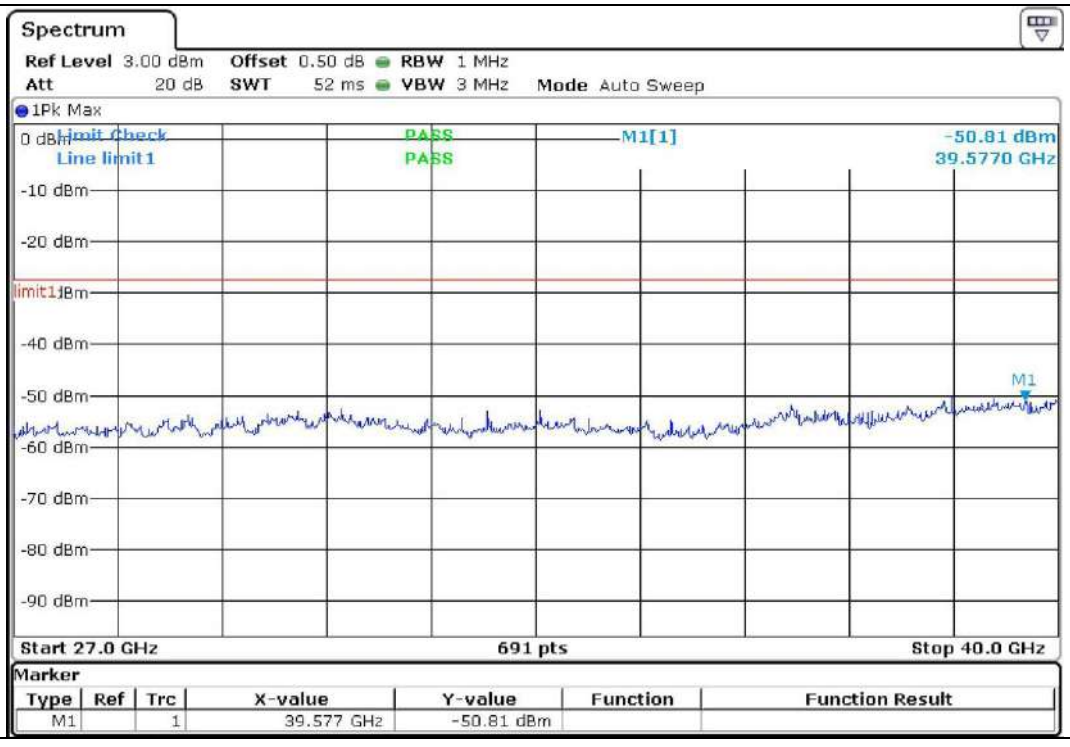
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.500 GHz



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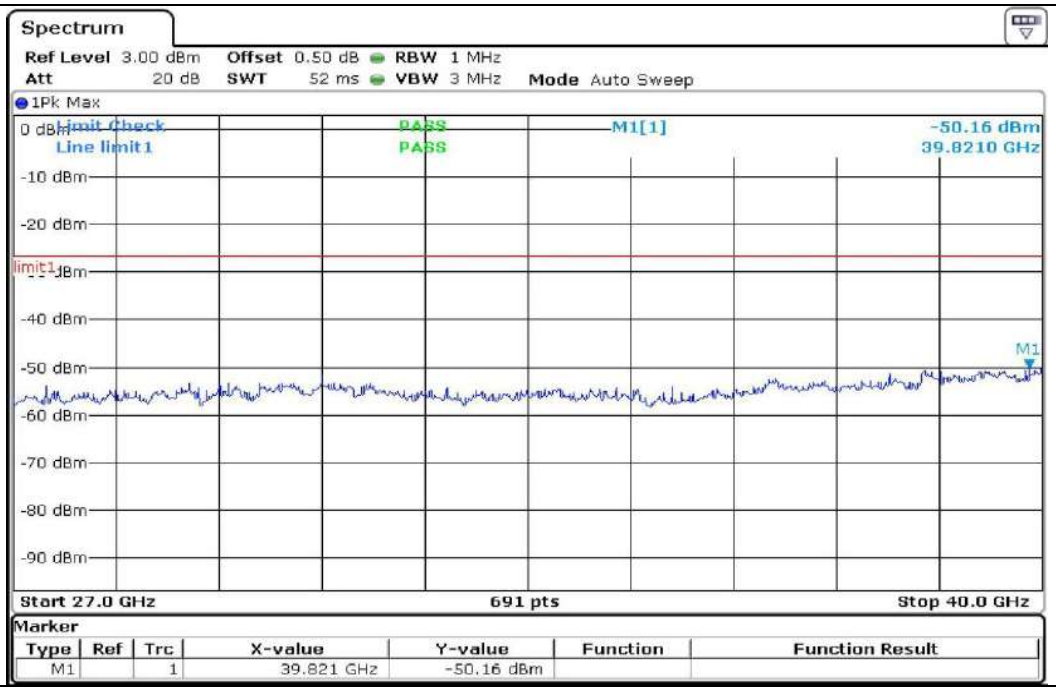
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax20 5.700 GHz



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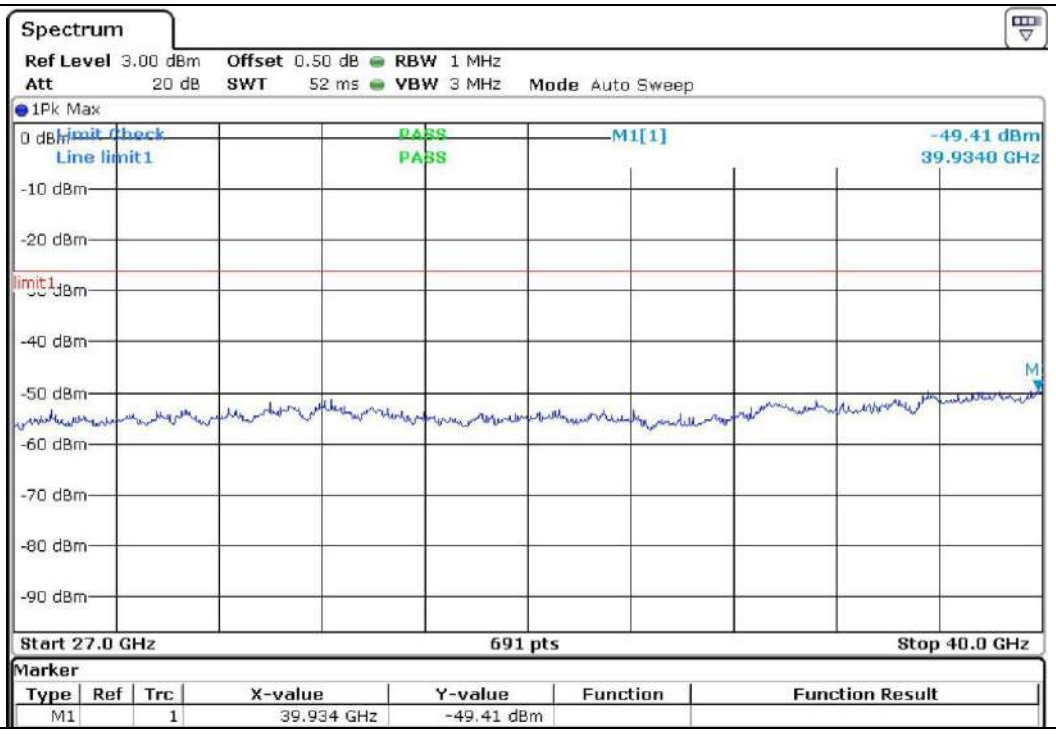
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.510 GHz



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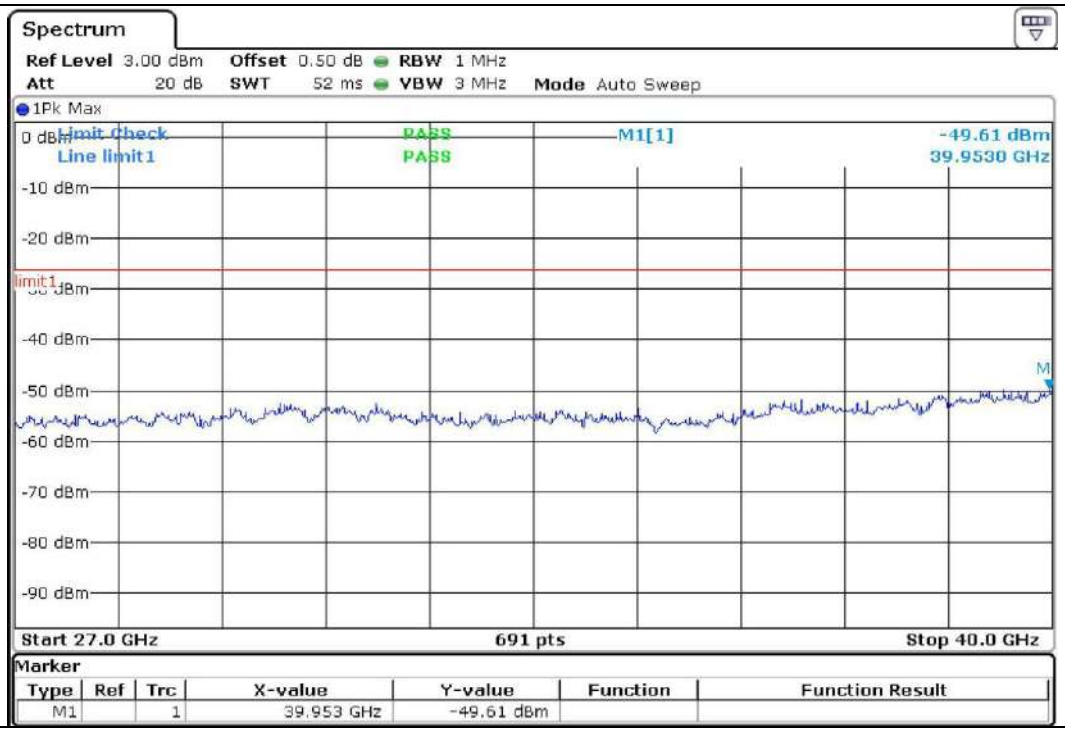
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.670 GHz



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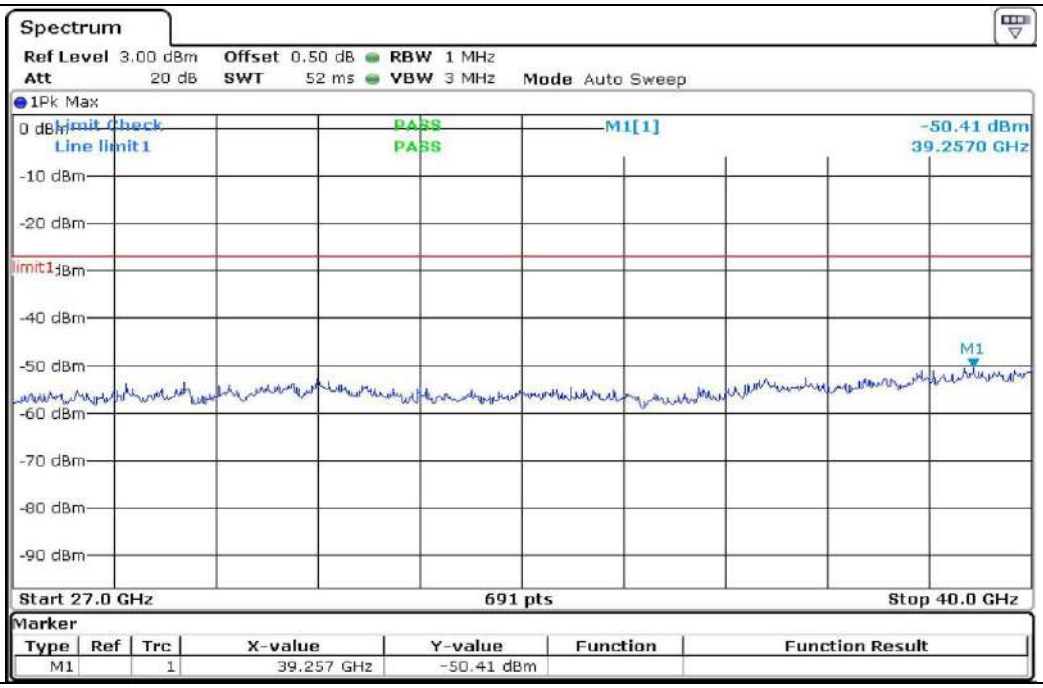
ax80 5.530 GHz



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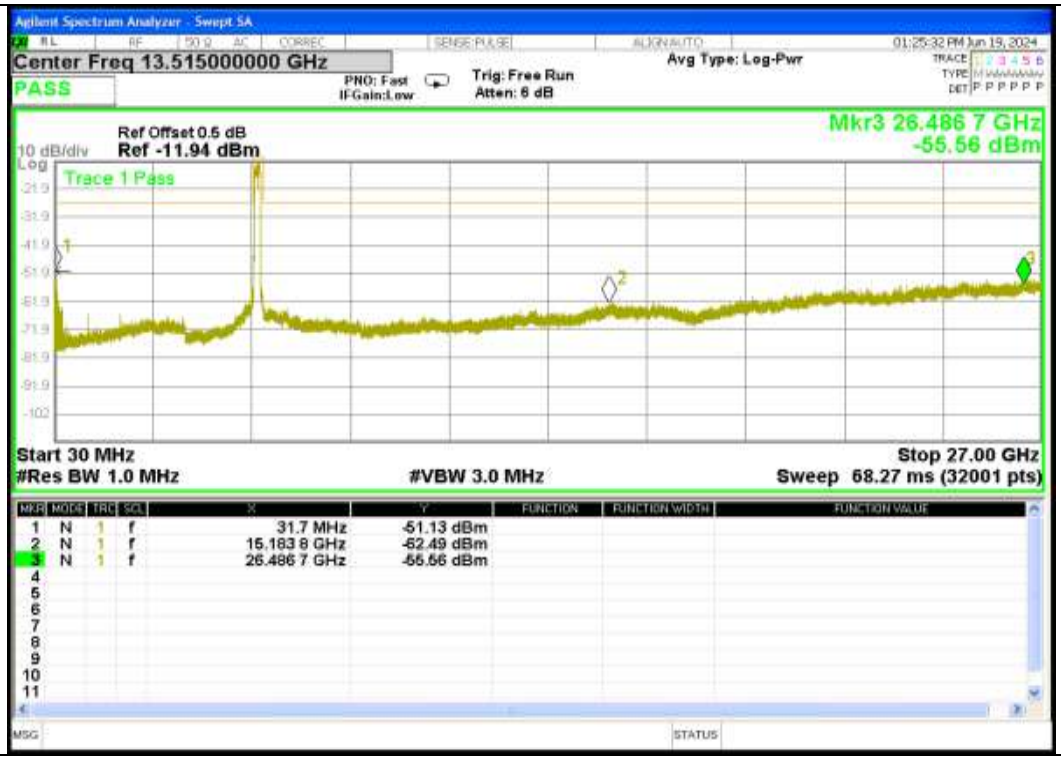
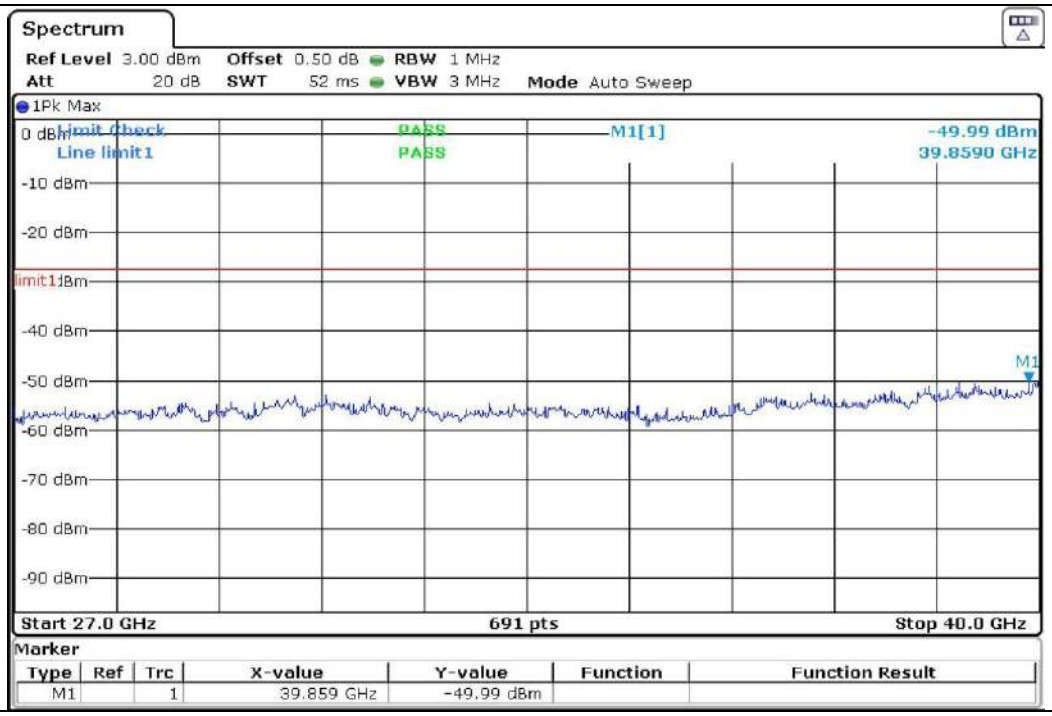
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax160 5.610 GHz





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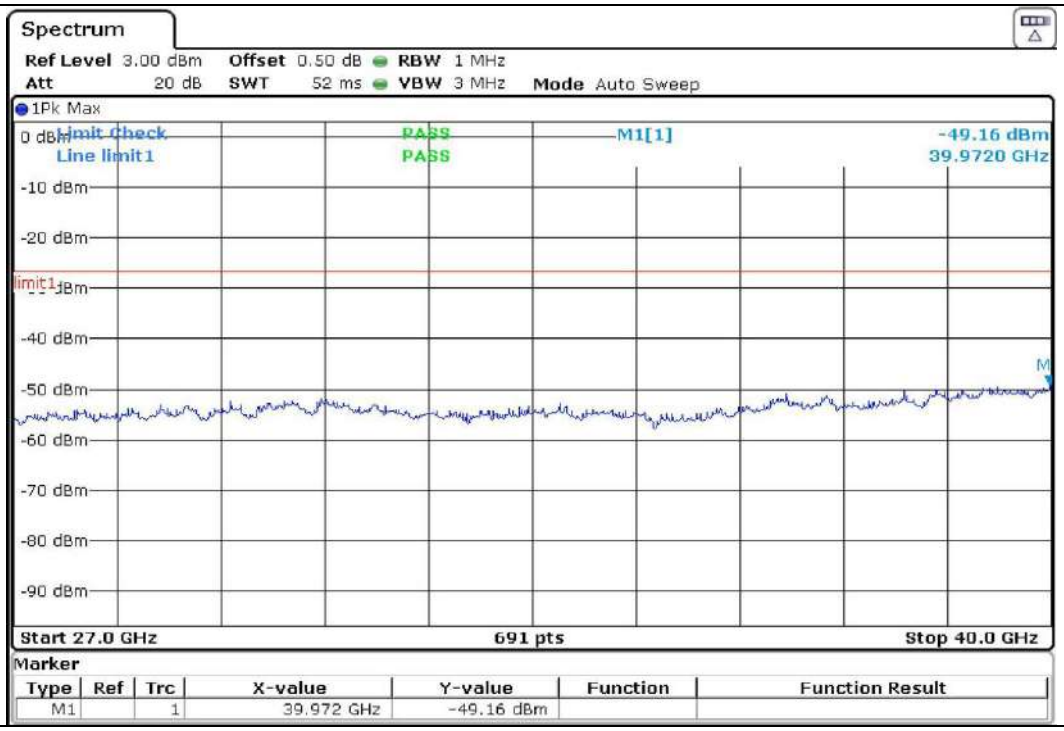
ac20 5.745 GHz



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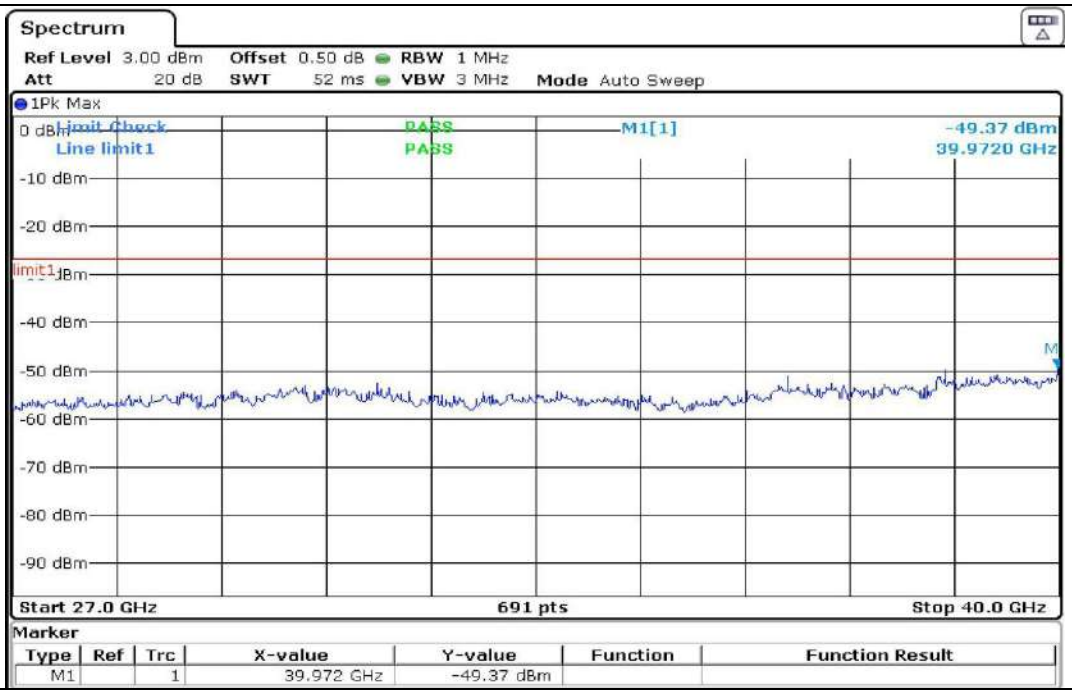
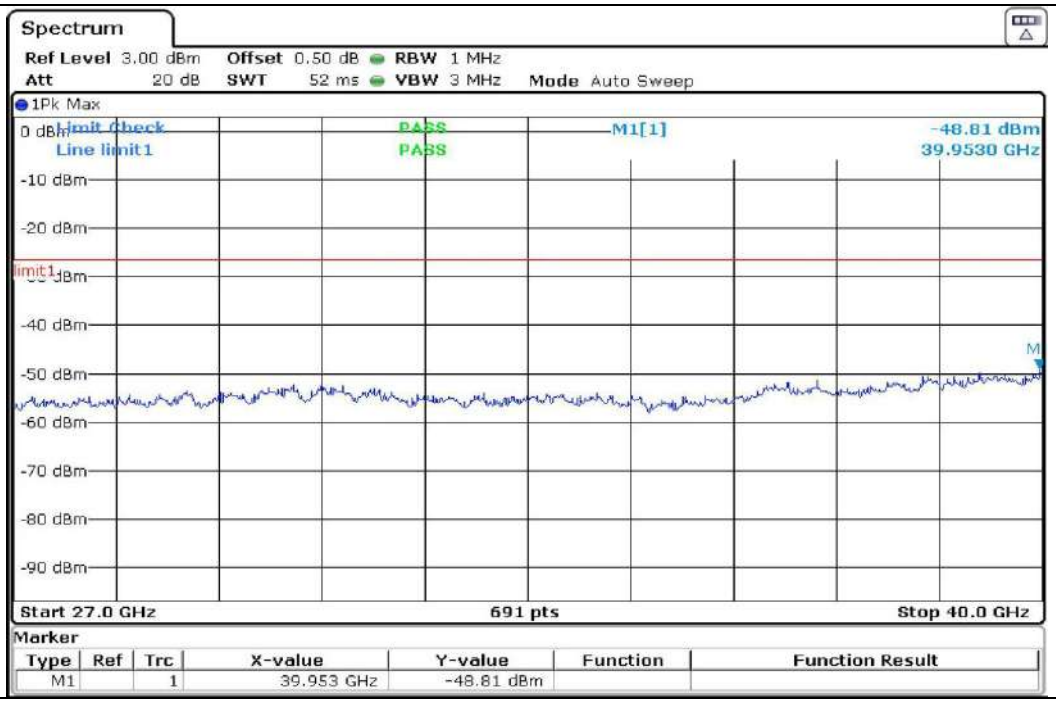
ac20 5.825 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.755 GHz



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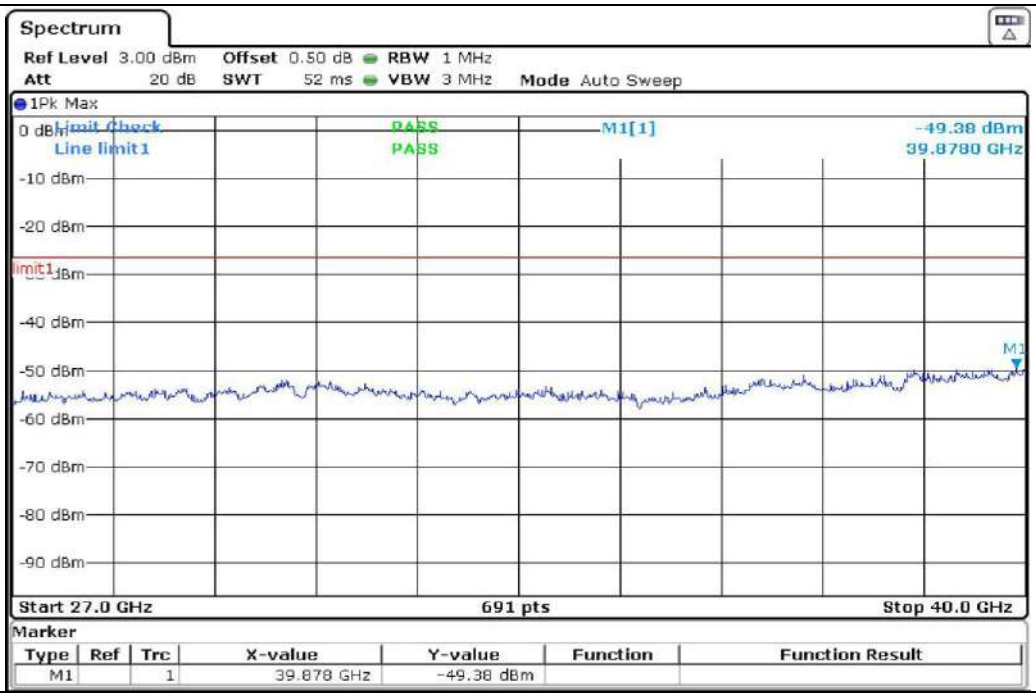
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac40 5.795 GHz



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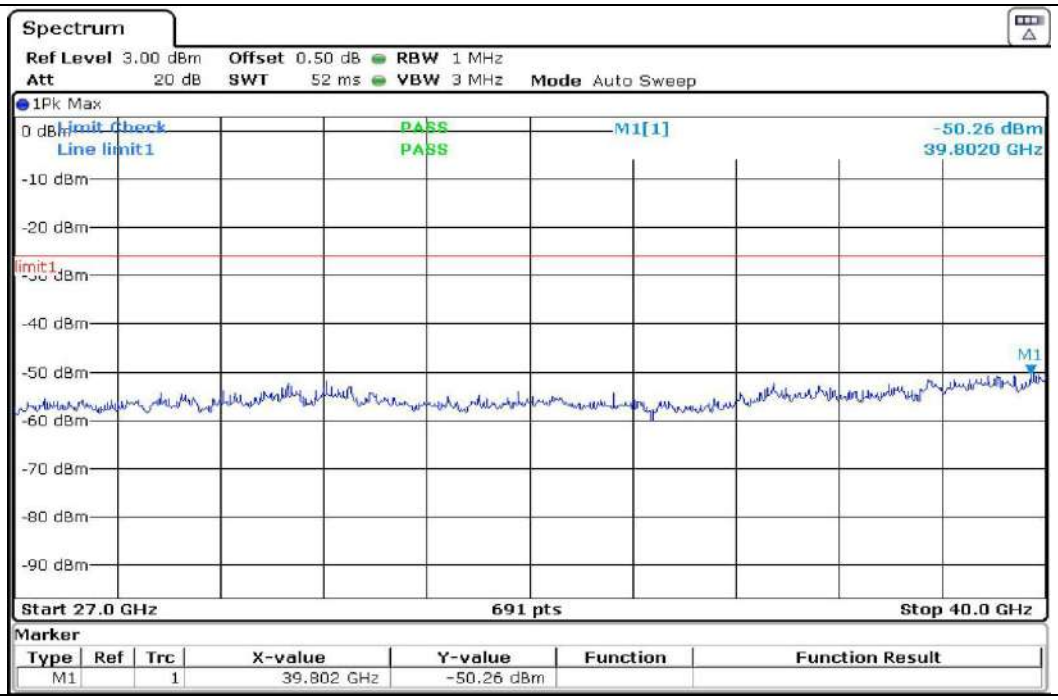
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ac80 5.775 GHz



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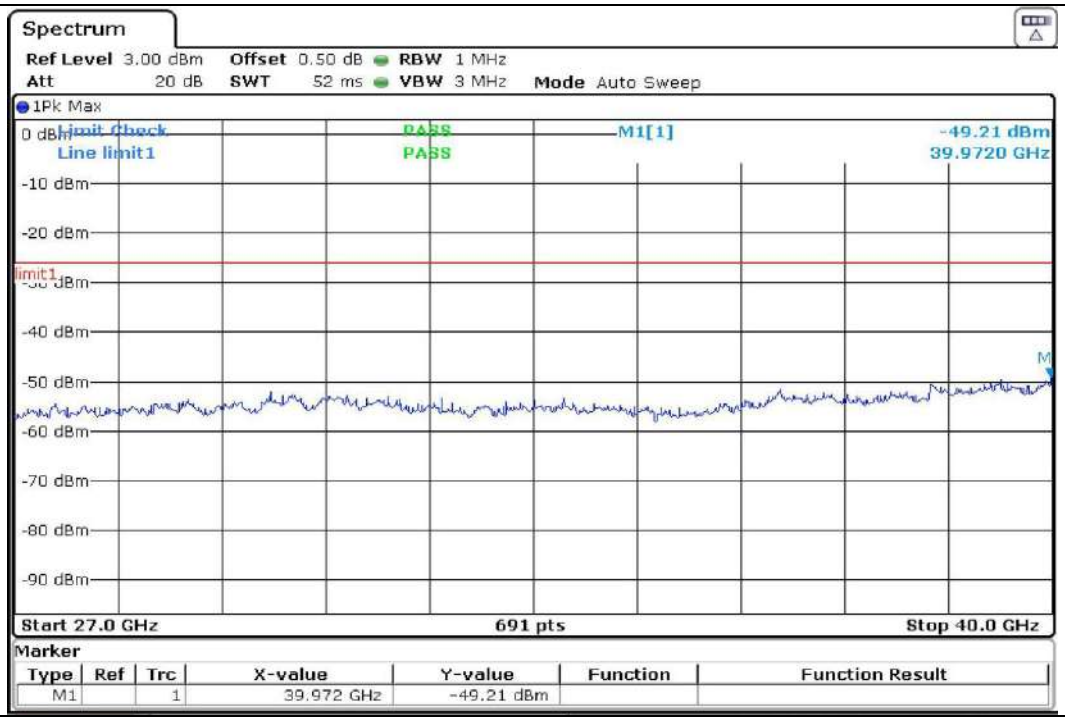
ax20 5.745 GHz



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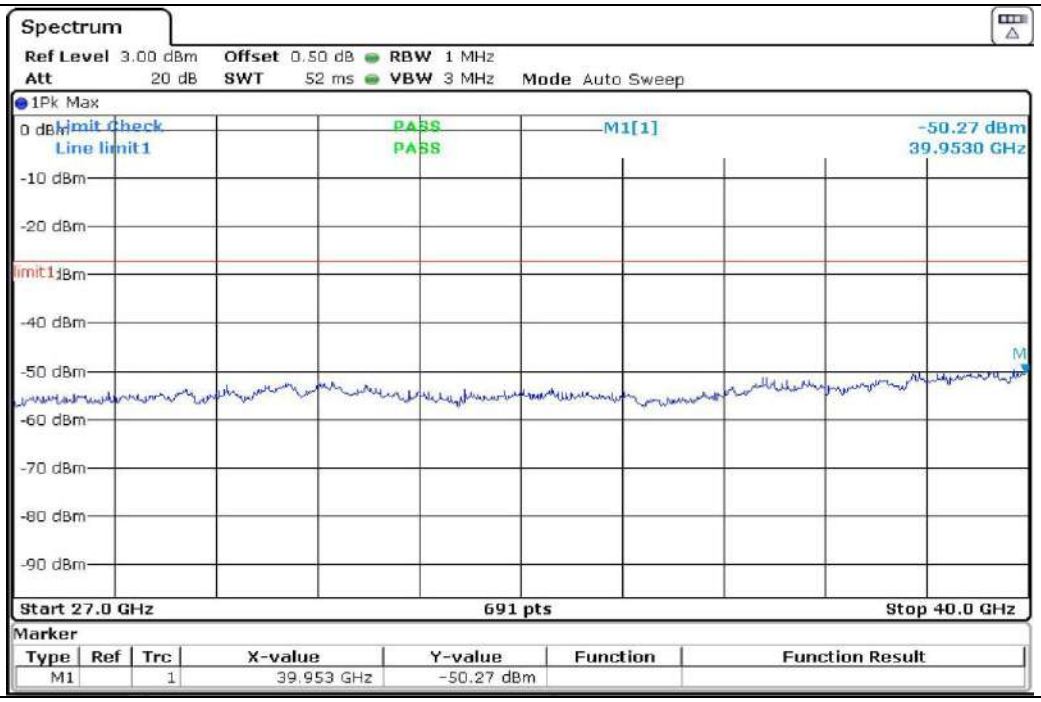
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

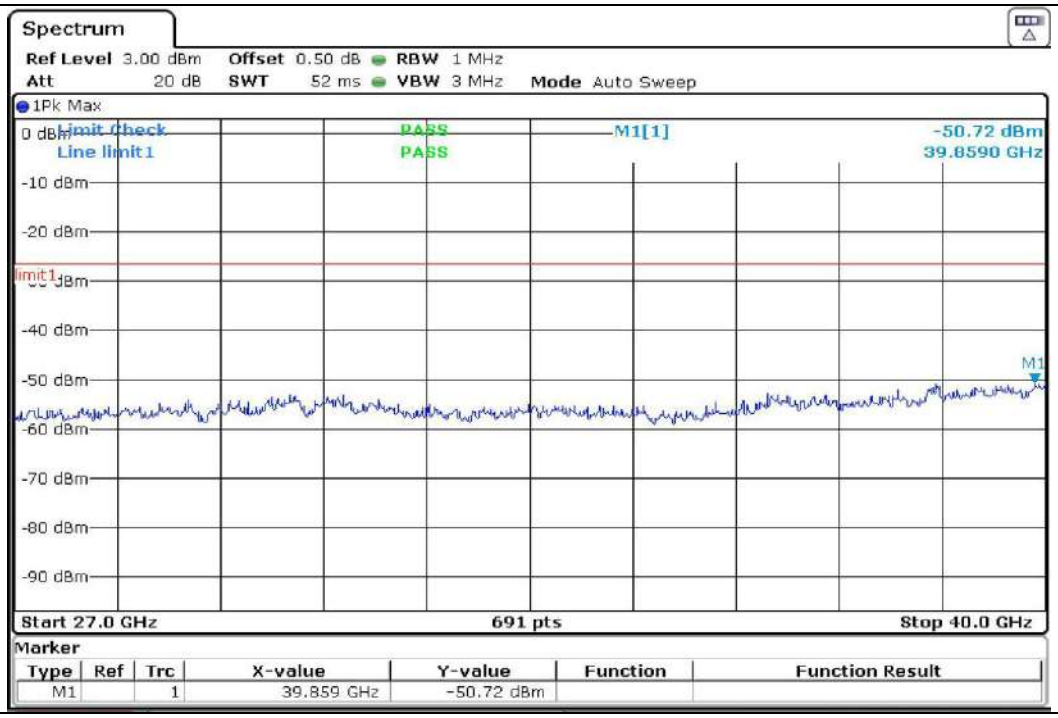
ax20 5.825 GHz



Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.755 GHz



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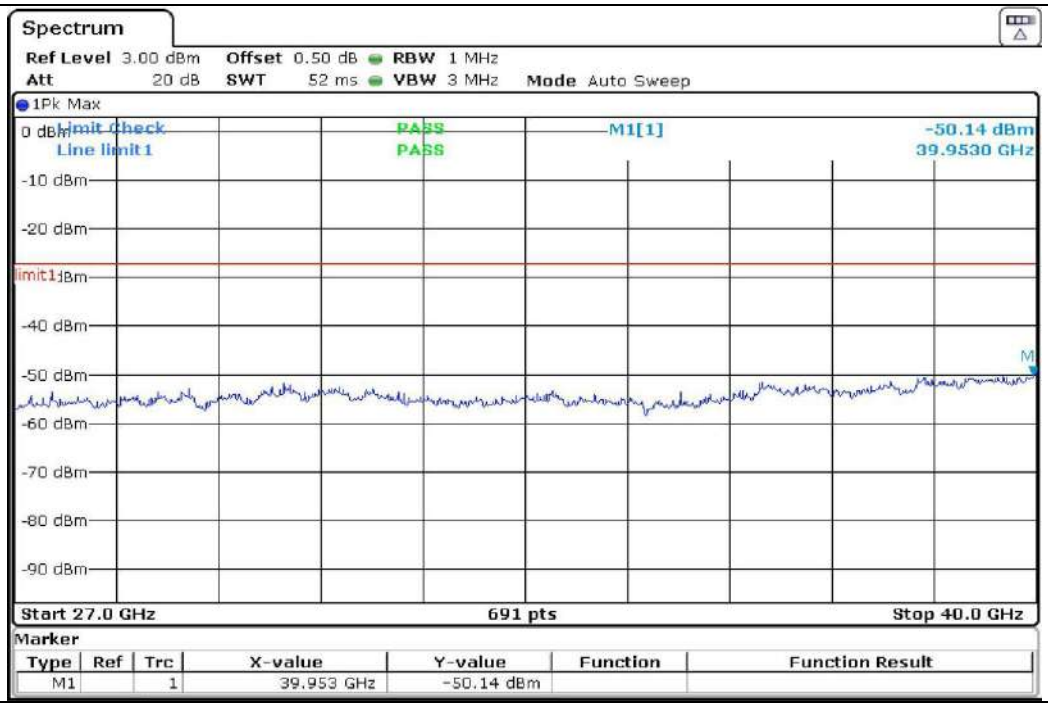
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

ax40 5.795 GHz



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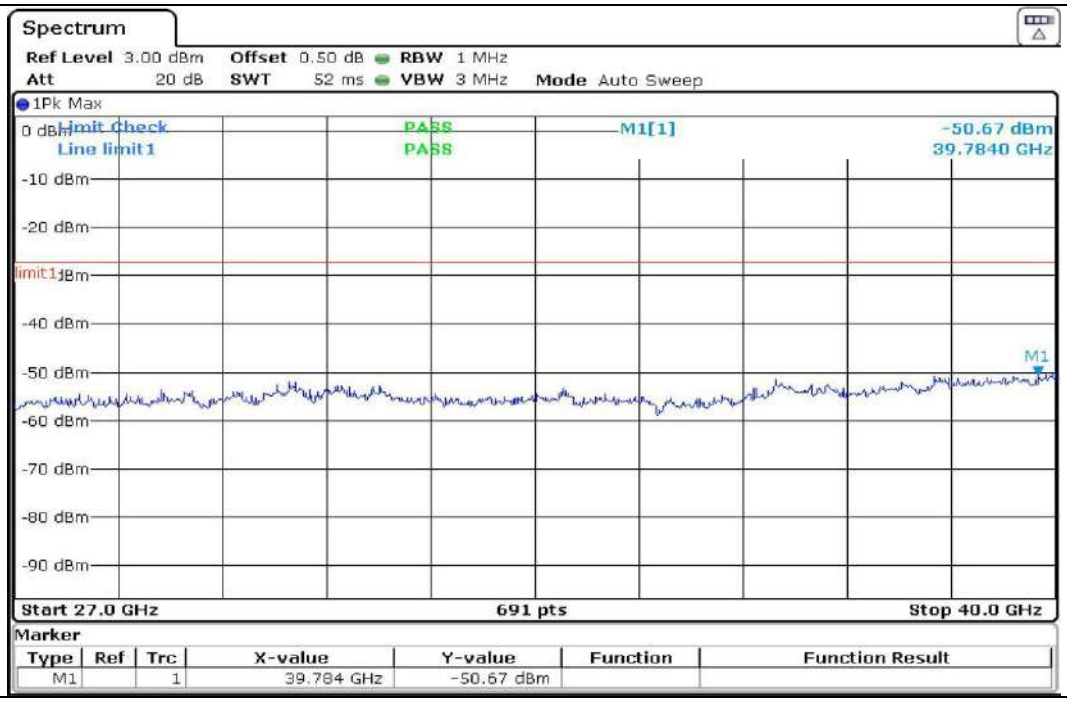
ax80 5.775 GHz



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11. ANTENNA REQUIREMENTS

11.1. Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

11.2. EUT ANTENNA

The antennas used for this product are External (Screw on): Cassegrain Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 25 dBi. and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

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End of Report

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

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