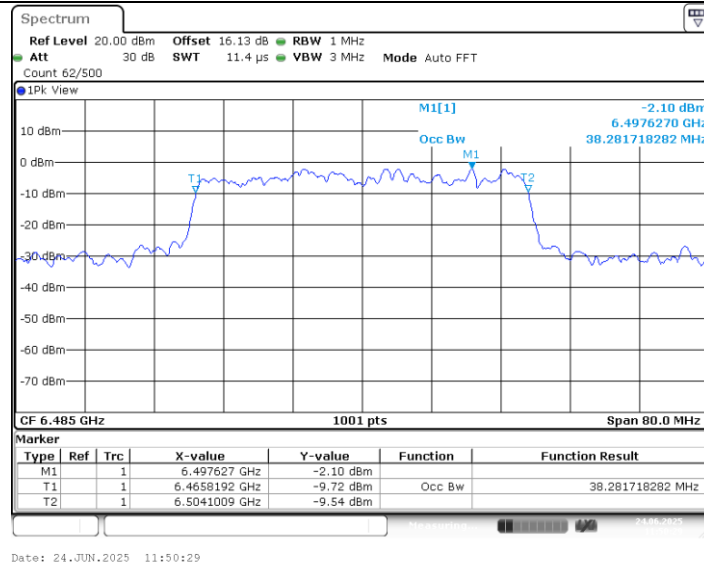
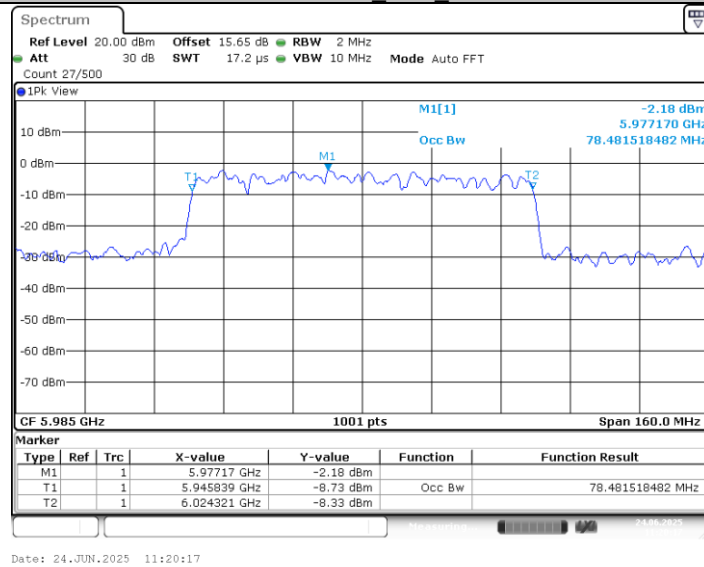
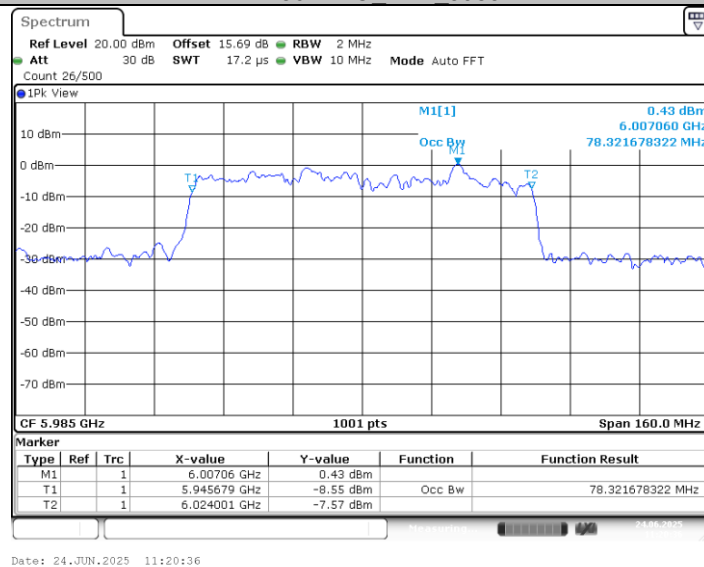




11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



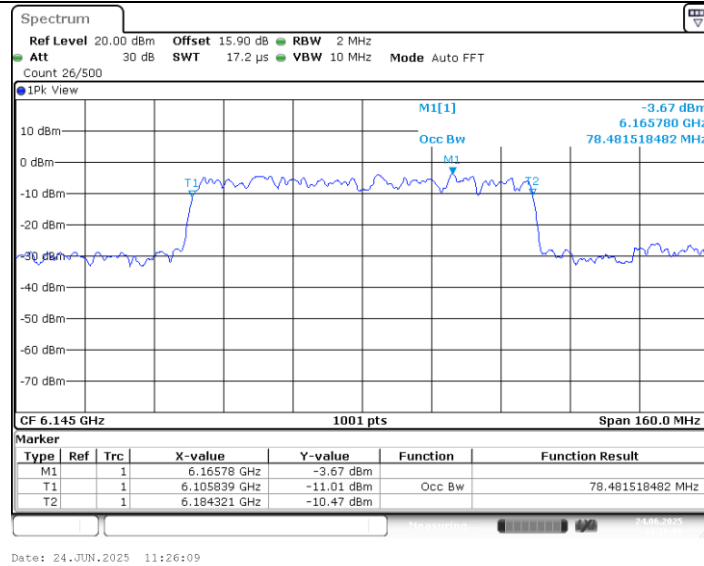
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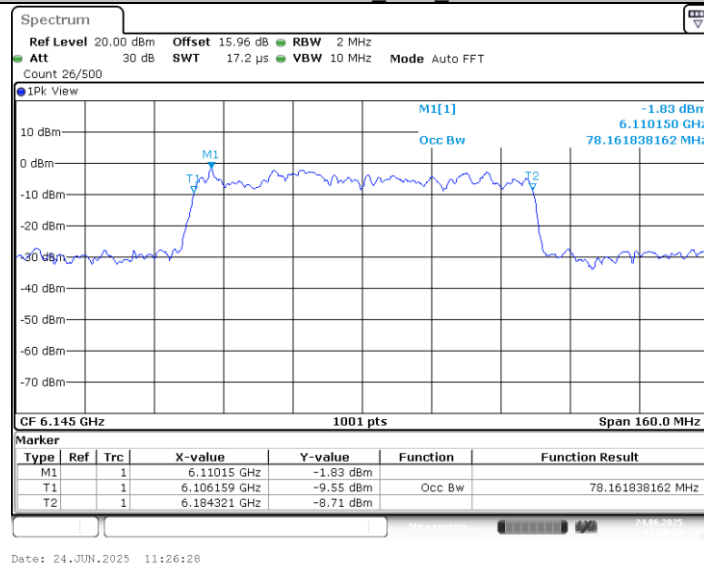
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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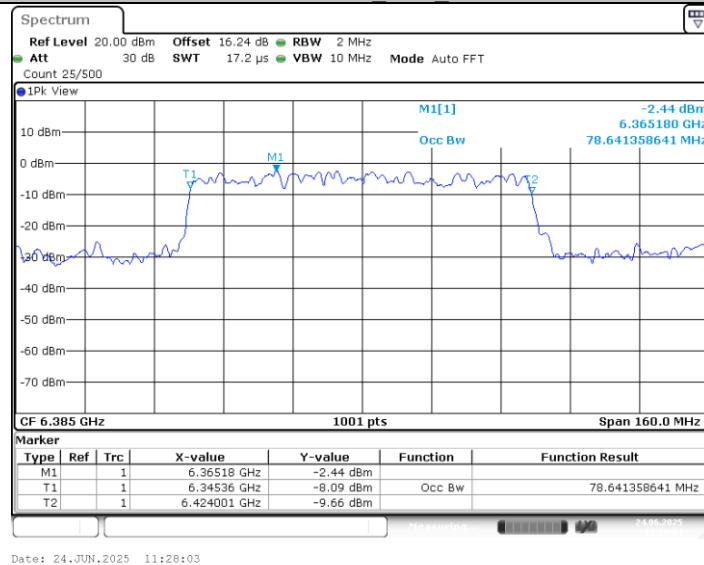
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11AX80MIMO_Ant2_6145



11AX80MIMO_Ant1_6385



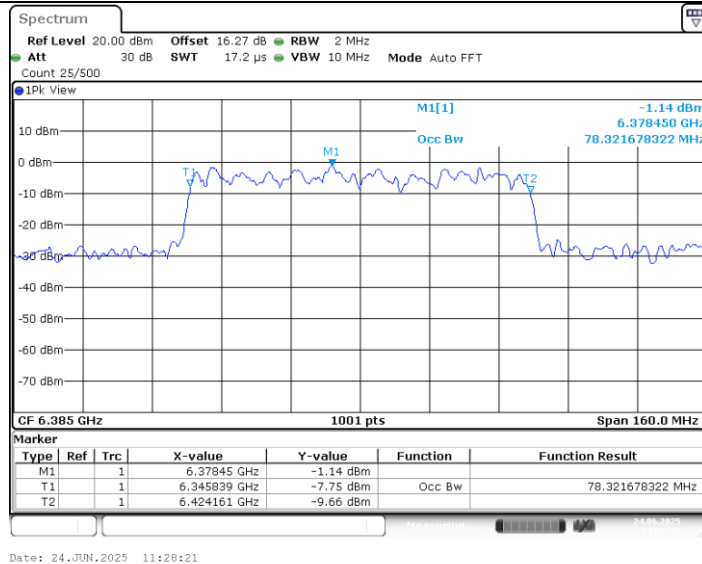
11AX80MIMO_Ant2_6385

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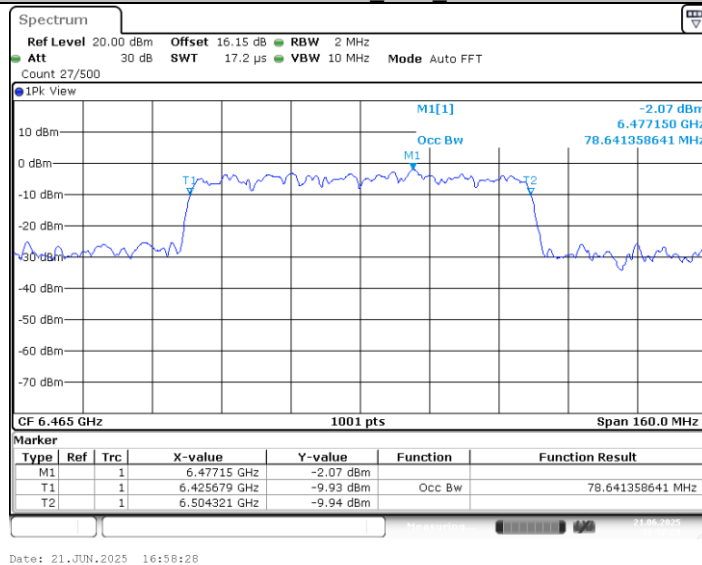
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

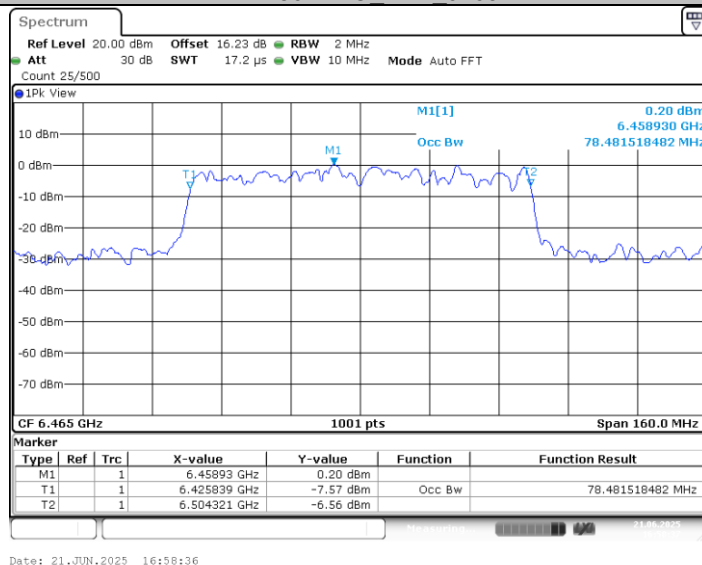
For anti-fake verification, please visit the official website of China Inspection And Testing Society : yz.cncaq.com



11AX80MIMO Ant1_6465



11AX80MIMO Ant2_6465



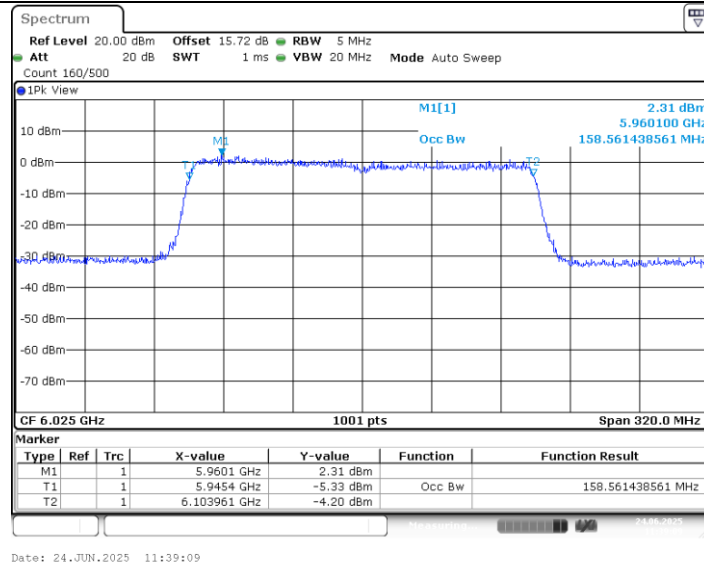
11AX160MIMO Ant1_6025

CTC Laboratories, Inc.

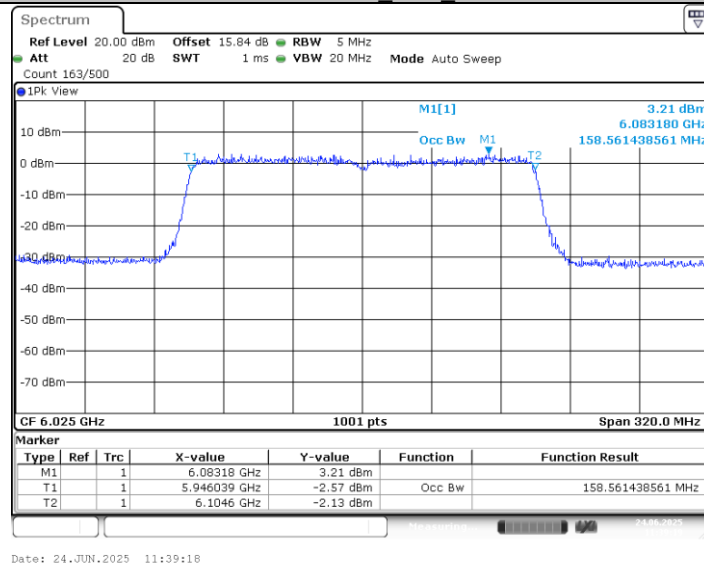
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

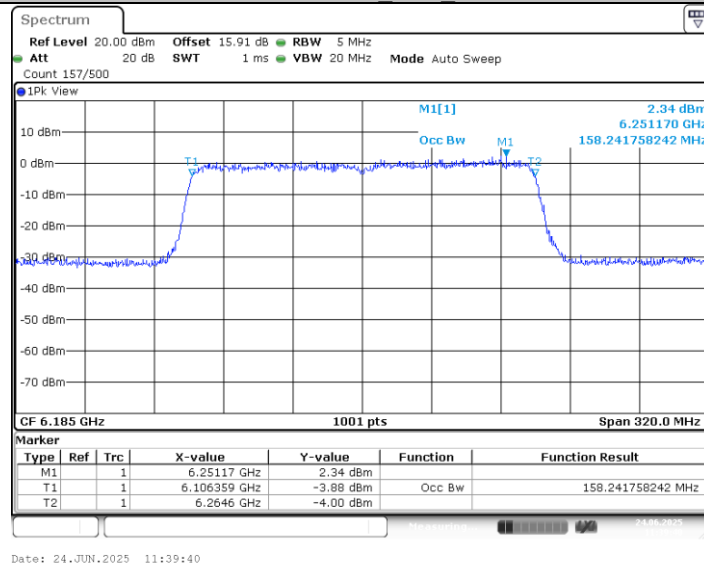
For anti-fake verification, please visit the official website of China Inspection And Testing
Society : [yz.cncaq.com](http://www.cncaq.com)



11AX160MIMO_Ant2_6025



11AX160MIMO_Ant1_6185



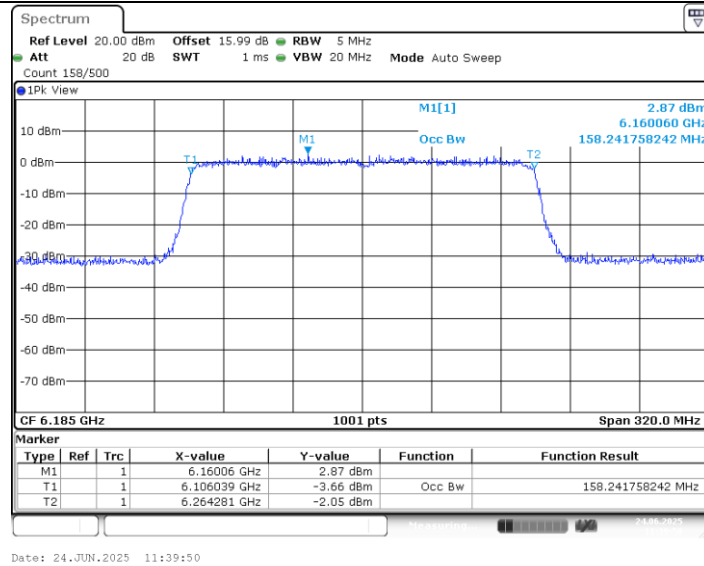
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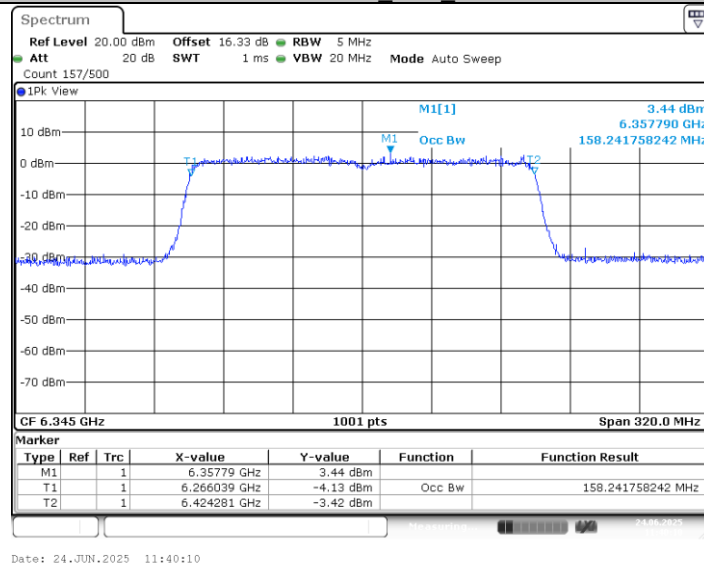
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

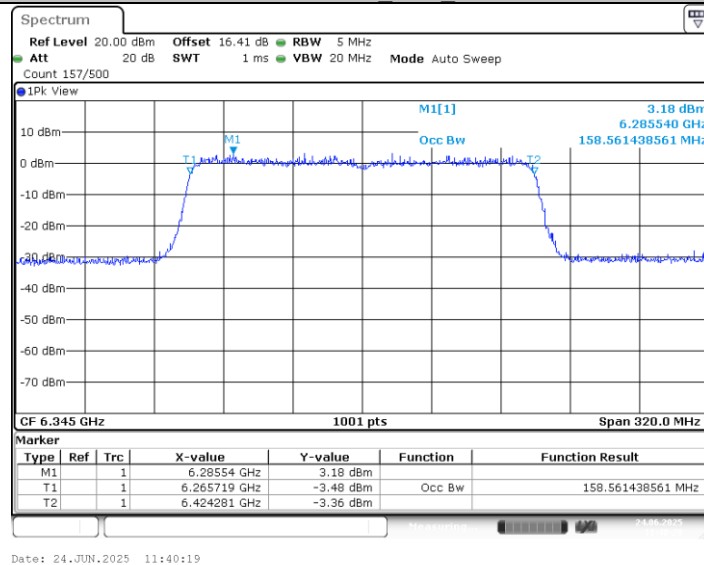
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11AX160MIMO_Ant1_6345



11AX160MIMO_Ant2_6345



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3.5. Maximum E.I.R.P.

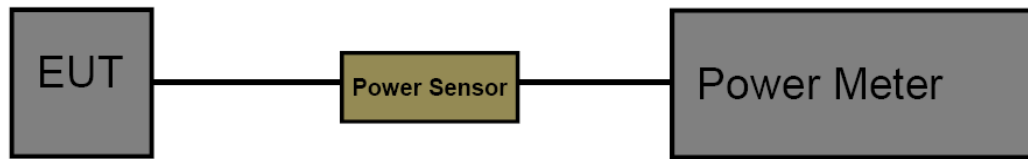
Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(a)& RSS-248 4.5

State	Eq Class	Devices Type	U-NII Bands (MHz)	Maximum Output Power (EIRP)
FCC&IC	6ID	Low Power Indoor Access Point	U-NII 5: 5925 - 6425 U-NII 6: 6425 - 6525 U-NII 7: 6525 - 6875 U-NII 8: 6875 - 7125	30dBm
FCC&IC	6XD	Low Power Indoor Client		24dBm
FCC&IC	6PP	Subordinate Device		30dBm
FCC&IC	6CD	Dual Client		24dBm
IC	6VL	Very Low Power		14dBm
FCC&IC	6SD	Standard Power Access Point	U-NII 5: 5925 - 6425 U-NII 7: 6525 - 6875	36dBm
FCC&IC	6FX	Standard Client		30dBm
FCC&IC	6FC	Fixed Client		36dBm
FCC	6VL	Very Low Power		14dBm

Note:

- 1) For standard power access point and fixed client device, the maximum e.i.r.p. for a device not enclosed by walls and a ceiling, measured at any elevation angle greater than 30 degrees above the horizon, shall not exceed 21 dBm.
- 2) For client devices operating under the control of a standard-power access point, the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point.

**Test Configuration****Test Procedure**

The measurement is according to section 3 of KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

Test Mode

Please refer to the clause 2.4.

**Test Result**

Test Mode	Antenna	Channel	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20MIMO	Ant1	5955	3.36	3.71	7.07	≤24	PASS
	Ant2	5955	1.24	3.56	4.8	≤24	PASS
	total	5955	5.44	6.68	12.12	≤24	PASS
	Ant1	6175	0.15	3.71	3.86	≤24	PASS
	Ant2	6175	1.22	3.56	4.78	≤24	PASS
	total	6175	3.73	6.68	10.41	≤24	PASS
	Ant1	6415	2.75	3.71	6.46	≤24	PASS
	Ant2	6415	3.22	3.56	6.78	≤24	PASS
	total	6415	6.00	6.68	12.68	≤24	PASS
	Ant1	6435	0.35	2.36	2.71	≤24	PASS
	Ant2	6435	0.18	2.56	2.74	≤24	PASS
	total	6435	3.28	5.47	8.75	≤24	PASS
	Ant1	6475	0.60	2.36	2.96	≤24	PASS
	Ant2	6475	1.18	2.56	3.74	≤24	PASS
	total	6475	3.91	5.47	9.38	≤24	PASS
	Ant1	6515	2.32	2.36	4.68	≤24	PASS
	Ant2	6515	4.13	2.56	6.69	≤24	PASS
	total	6515	6.33	5.47	11.8	≤24	PASS
11AX40MIMO	Ant1	5965	3.57	3.71	7.28	≤24	PASS
	Ant2	5965	2.42	3.56	5.98	≤24	PASS
	total	5965	6.04	6.68	12.72	≤24	PASS
	Ant1	6165	2.91	3.71	6.62	≤24	PASS
	Ant2	6165	3.57	3.56	7.13	≤24	PASS
	total	6165	6.26	6.68	12.94	≤24	PASS
	Ant1	6405	5.58	3.71	9.29	≤24	PASS
	Ant2	6405	6.18	3.56	9.74	≤24	PASS
	total	6405	8.90	6.68	15.58	≤24	PASS
	Ant1	6445	1.95	2.36	4.31	≤24	PASS
	Ant2	6445	2.17	2.56	4.73	≤24	PASS
	total	6445	5.07	5.47	10.54	≤24	PASS
11AX80MIMO	Ant1	5985	4.31	3.71	8.02	≤24	PASS
	Ant2	5985	5.93	3.56	9.49	≤24	PASS
	total	5985	8.21	6.68	14.89	≤24	PASS
	Ant1	6145	6.48	3.71	10.19	≤24	PASS
	Ant2	6145	7.00	3.56	10.56	≤24	PASS
	total	6145	9.76	6.68	16.44	≤24	PASS
	Ant1	6385	5.51	3.71	9.22	≤24	PASS
	Ant2	6385	6.24	3.56	9.8	≤24	PASS
	total	6385	8.90	6.68	15.58	≤24	PASS
	Ant1	6465	6.33	2.36	8.69	≤24	PASS
	Ant2	6465	6.61	2.56	9.17	≤24	PASS
	total	6465	9.48	5.47	14.95	≤24	PASS
11AX160MIMO	Ant1	6025	5.06	3.71	8.77	≤24	PASS
	Ant2	6025	6.85	3.56	10.41	≤24	PASS
	total	6025	9.06	6.68	15.74	≤24	PASS
	Ant1	6185	6.47	3.71	10.18	≤24	PASS
	Ant2	6185	6.79	3.56	10.35	≤24	PASS
	total	6185	9.64	6.68	16.32	≤24	PASS
	Ant1	6345	6.93	3.71	10.64	≤24	PASS
	Ant2	6345	6.80	3.56	10.36	≤24	PASS
	total	6345	9.88	6.68	16.56	≤24	PASS

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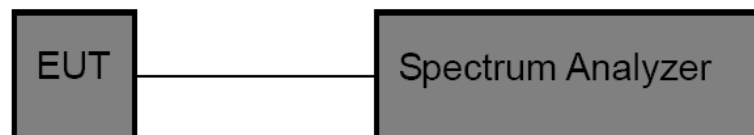
3.6. Maximum Power Spectral Density (E.I.R.P.)

Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(a)& RSS-247 6.2

State	Eq Class	Devices Type	U-NII Bands (MHz)	Maximum Power Spectral Density (PSD) (EIRP)
FCC&IC	6ID	Low Power Indoor Access Point	U-NII 5: 5925 - 6425 U-NII 6: 6425 - 6525 U-NII 7: 6525 - 6875 U-NII 8: 6875 - 7125	5dBm/MHz
FCC&IC	6XD	Low Power Indoor Client		-1dBm/MHz
FCC&IC	6PP	Subordinate Device		5dBm/MHz
FCC&IC	6CD	Dual Client		-1dBm/MHz
IC	6VL	Very Low Power		-5dBm/MHz
FCC&IC	6SD	Standard Power Access Point	U-NII 5: 5925 - 6425 U-NII 7: 6525 - 6875	23dBm/MHz
FCC&IC	6FX	Standard Client		17dBm/MHz
FCC&IC	6FC	Fixed Client		23dBm/MHz
FCC	6VL	Very Low Power		-5dBm/MHz

Test Configuration



Test

Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement is according to KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) (alternatively, the entire 99% OBW) of the signal.
- (4) RBW=1MHz
- (5) Set the VBW to: ≥ 3 RBW
- (6) Detector: AVG or RMS
- (7) Sweep time: auto
- (8) Trace: average at least 100 traces in power averaging.
- (9) User the peak marker function to determine the maximum amplitude level within the RBW. Apply correction to the result if different RBW is used.

NOTE: The EUT was set to continuously transmitting in each mode and low, middle and high channel for

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the test.

Test Mode

Please refer to the clause 2.4.

Test Result

TestMode	Antenna	Channel	Channel PSD [dBm/MHz]	DC Factor [dBm]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5955	-12.06	2.32	-9.74	3.71	-6.03	≤-1.00	PASS
	Ant2	5955	-13.09	1.12	-11.97	3.56	-8.41	≤-1.00	PASS
	total	5955	---	---	-7.70	6.68	-1.02	≤-1.00	PASS
	Ant1	6175	-12.77	1.12	-11.65	3.71	-7.94	≤-1.00	PASS
	Ant2	6175	-11.97	1.12	-10.85	3.56	-7.29	≤-1.00	PASS
	total	6175	---	---	-8.22	6.68	-1.54	≤-1.00	PASS
	Ant1	6415	-12.12	1.12	-11.00	3.71	-7.29	≤-1.00	PASS
	Ant2	6415	-11.73	0.87	-10.86	3.56	-7.3	≤-1.00	PASS
	total	6415	---	---	-7.92	6.68	-1.24	≤-1.00	PASS
	Ant1	6435	-12.82	1.12	-11.70	2.36	-9.34	≤-1.00	PASS
	Ant2	6435	-12.42	0.87	-11.55	2.56	-8.99	≤-1.00	PASS
	total	6435	---	---	-8.61	5.47	-3.14	≤-1.00	PASS
	Ant1	6475	-12.62	1.12	-11.50	2.36	-9.14	≤-1.00	PASS
	Ant2	6475	-11.79	1.12	-10.67	2.56	-8.11	≤-1.00	PASS
	total	6475	---	---	-8.05	5.47	-2.58	≤-1.00	PASS
11AX40MIMO	Ant1	5965	-11.78	1.12	-10.66	3.71	-6.95	≤-1.00	PASS
	Ant2	5965	-13.02	1.12	-11.90	3.56	-8.34	≤-1.00	PASS
	total	5965	---	---	-8.23	6.68	-1.55	≤-1.00	PASS
	Ant1	6165	-12.54	1.06	-11.48	3.71	-7.77	≤-1.00	PASS
	Ant2	6165	-10.96	0.87	-10.09	3.56	-6.53	≤-1.00	PASS
	total	6165	---	---	-7.72	6.68	-1.04	≤-1.00	PASS
	Ant1	6405	-12.91	1.12	-11.79	3.71	-8.08	≤-1.00	PASS
	Ant2	6405	-11.36	1.12	-10.24	3.56	-6.68	≤-1.00	PASS
	total	6405	---	---	-7.94	6.68	-1.26	≤-1.00	PASS
	Ant1	6445	-13.64	1.12	-12.52	2.36	-10.16	≤-1.00	PASS
	Ant2	6445	-13.65	1.12	-12.53	2.56	-9.97	≤-1.00	PASS
	total	6445	---	---	-9.51	5.47	-4.04	≤-1.00	PASS
	Ant1	6485	-9.67	1.12	-11.74	2.36	-9.38	≤-1.00	PASS
	Ant2	6485	-10.46	1.50	-9.88	2.56	-7.32	≤-1.00	PASS
	total	6485	---	---	-7.70	5.47	-2.23	≤-1.00	PASS
11AX80MIMO	Ant1	5985	-12.44	0.87	-11.57	3.71	-7.86	≤-1.00	PASS
	Ant2	5985	-12.42	0.87	-11.55	3.56	-7.99	≤-1.00	PASS
	total	5985	---	---	-8.55	6.68	-1.87	≤-1.00	PASS
	Ant1	6145	-14.06	1.12	-12.94	3.71	-9.23	≤-1.00	PASS
	Ant2	6145	-13.86	1.12	-12.74	3.56	-9.18	≤-1.00	PASS
	total	6145	---	---	-9.83	6.68	-3.15	≤-1.00	PASS
	Ant1	6385	-12.46	0.87	-11.59	3.71	-7.88	≤-1.00	PASS
	Ant2	6385	-12.88	1.12	-11.76	3.56	-8.2	≤-1.00	PASS
	total	6385	---	---	-8.66	6.68	-1.98	≤-1.00	PASS
	Ant1	6465	-14.37	1.50	-12.87	2.36	-10.51	≤-1.00	PASS
	Ant2	6465	-13.22	1.12	-12.10	2.56	-9.54	≤-1.00	PASS
	total	6465	---	---	-9.46	5.47	-3.99	≤-1.00	PASS
11AX160MIMO	Ant1	6025	-15.92	1.12	-14.80	3.71	-11.09	≤-1.00	PASS
	Ant2	6025	-15.16	1.12	-14.04	3.56	-10.48	≤-1.00	PASS
	total	6025	---	---	-11.39	6.68	-4.71	≤-1.00	PASS
	Ant1	6185	-16.86	0.87	-15.99	3.71	-12.28	≤-1.00	PASS
	Ant2	6185	-16.09	1.12	-14.97	3.56	-11.41	≤-1.00	PASS
	total	6185	---	---	-12.44	6.68	-5.76	≤-1.00	PASS
	Ant1	6345	-15.63	1.12	-14.51	3.71	-10.8	≤-1.00	PASS
	Ant2	6345	-15.52	1.12	-14.40	3.56	-10.84	≤-1.00	PASS

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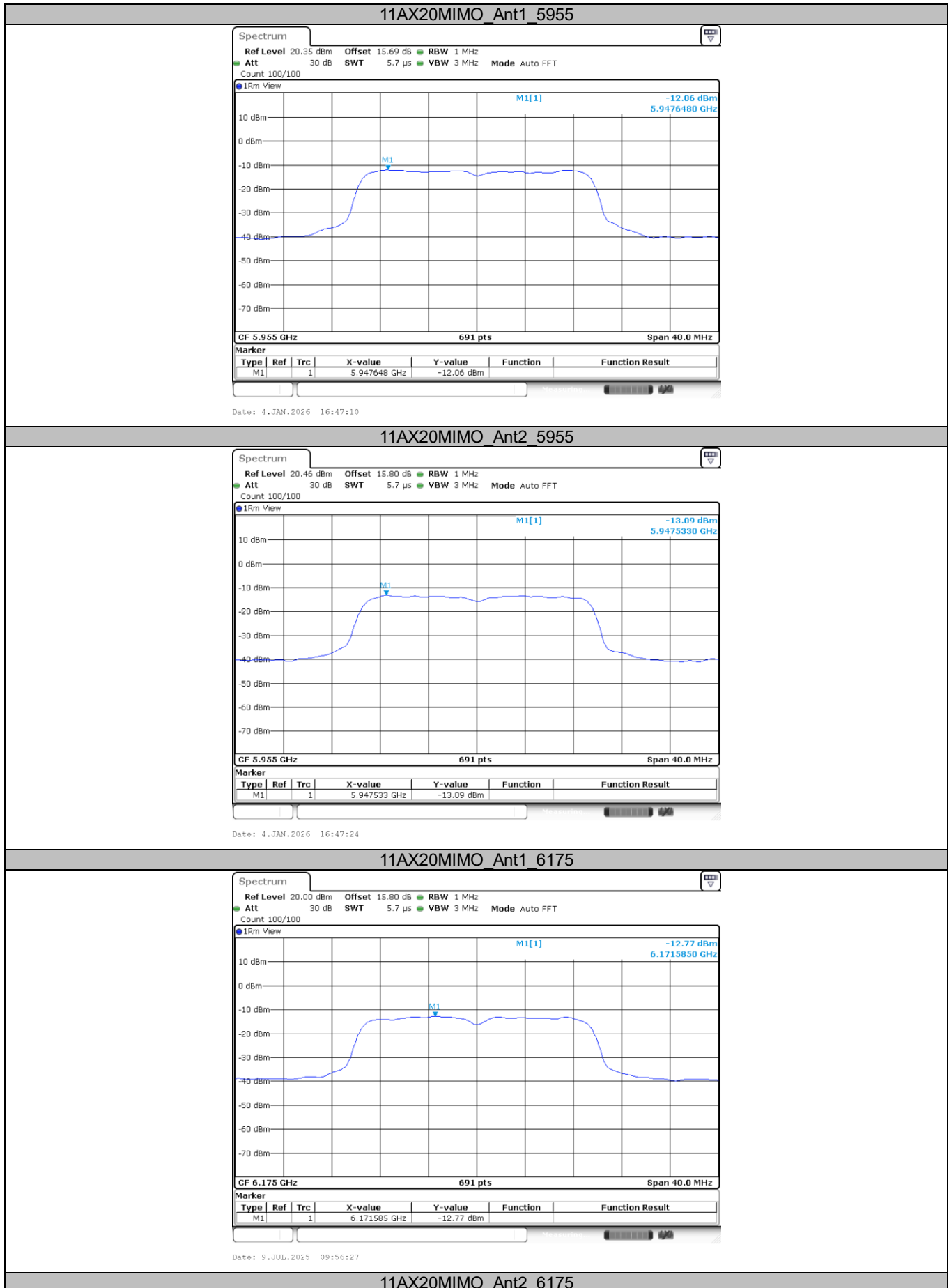
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	total	6345	---	---	-11.44	6.68	-4.76	≤ -1.00	PASS
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**Test Graphs:**

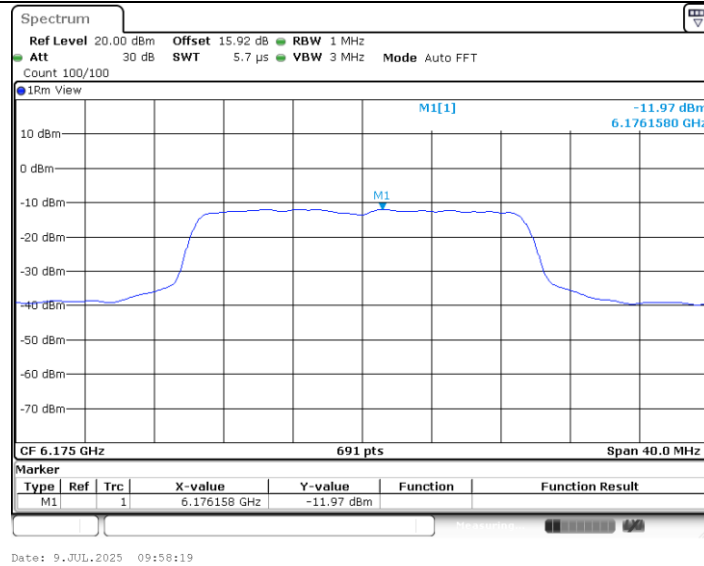
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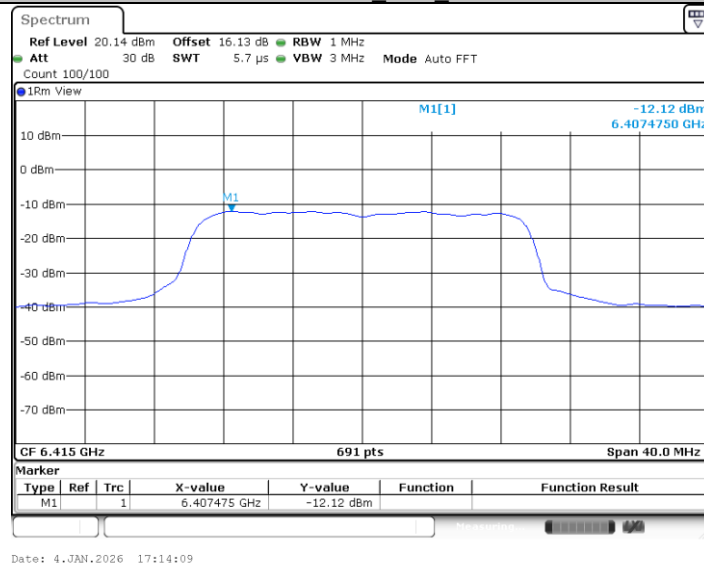
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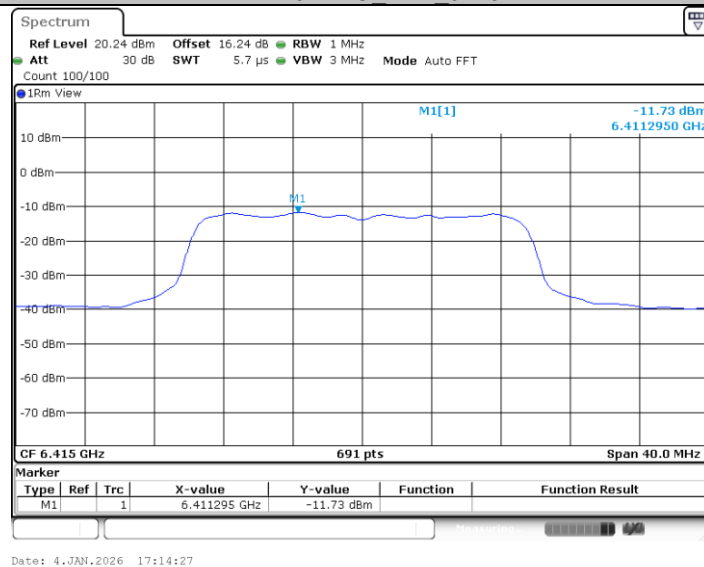
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11AX20MIMO_Ant1_6415



11AX20MIMO_Ant2_6415



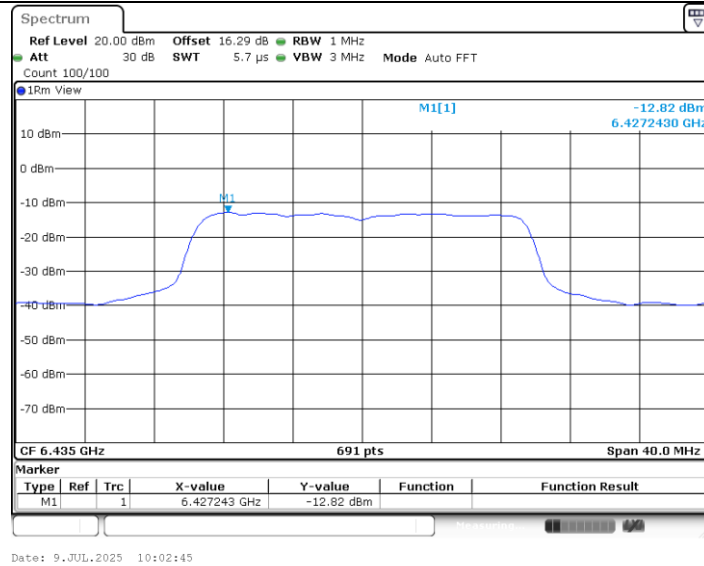
11AX20MIMO_Ant1_6435

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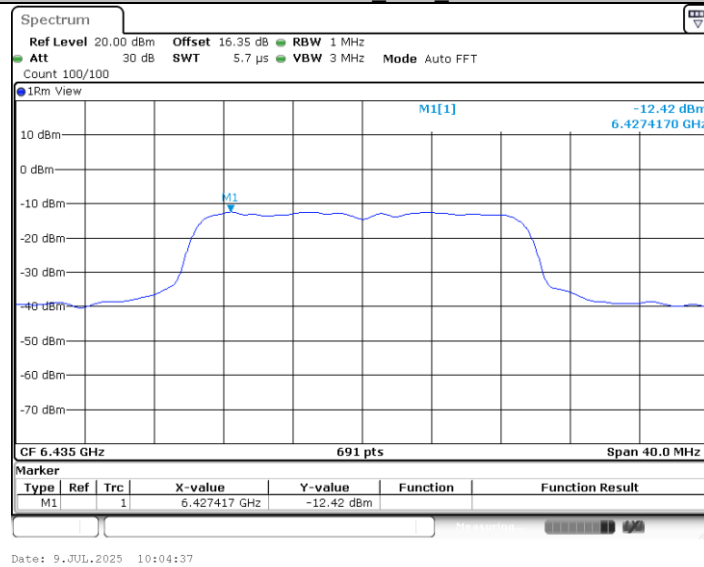
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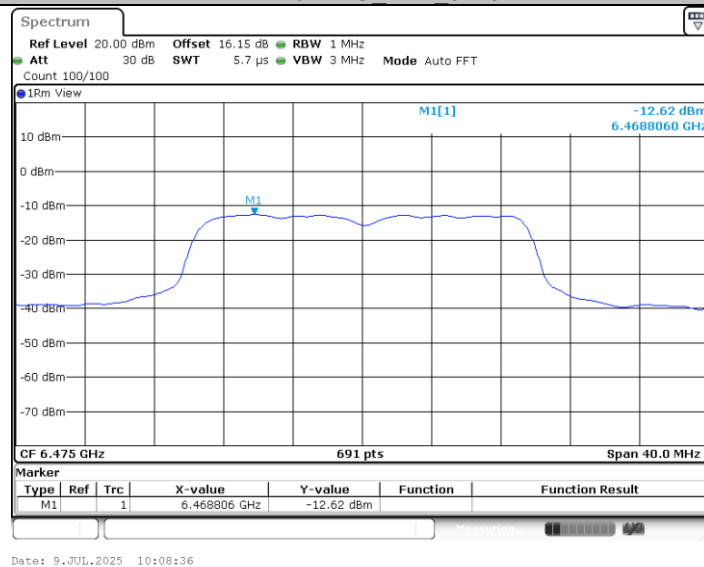
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11AX20MIMO_Ant2_6435



11AX20MIMO_Ant1_6475



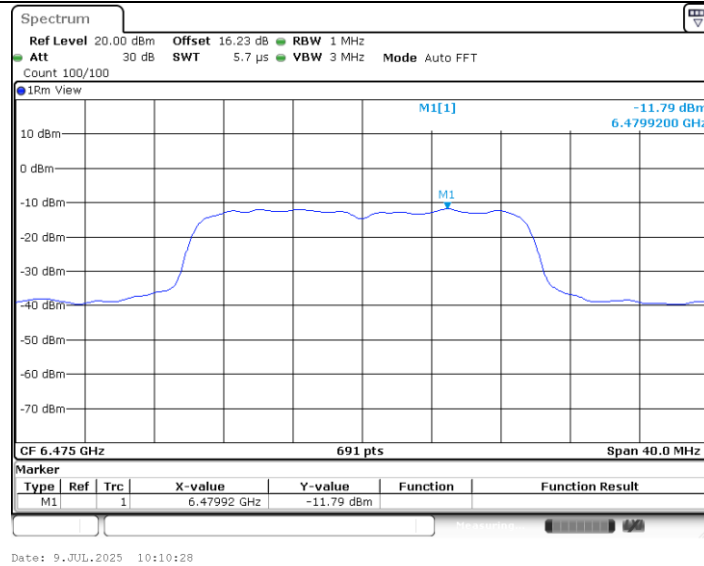
11AX20MIMO_Ant2_6475

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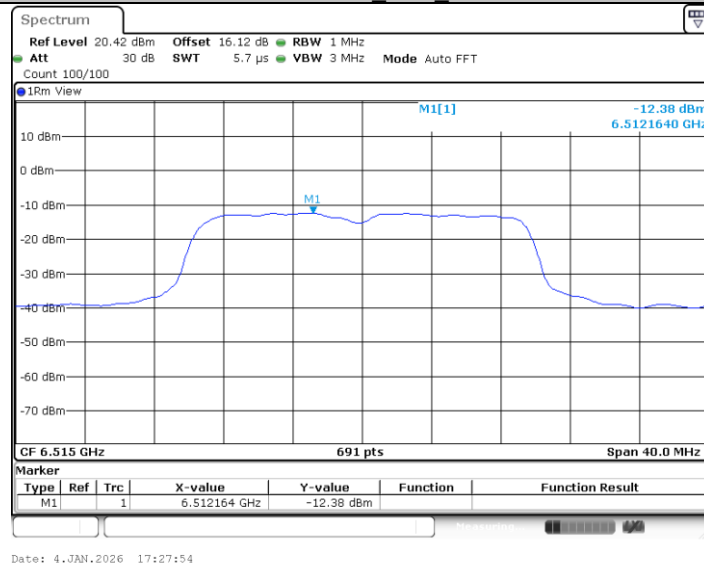
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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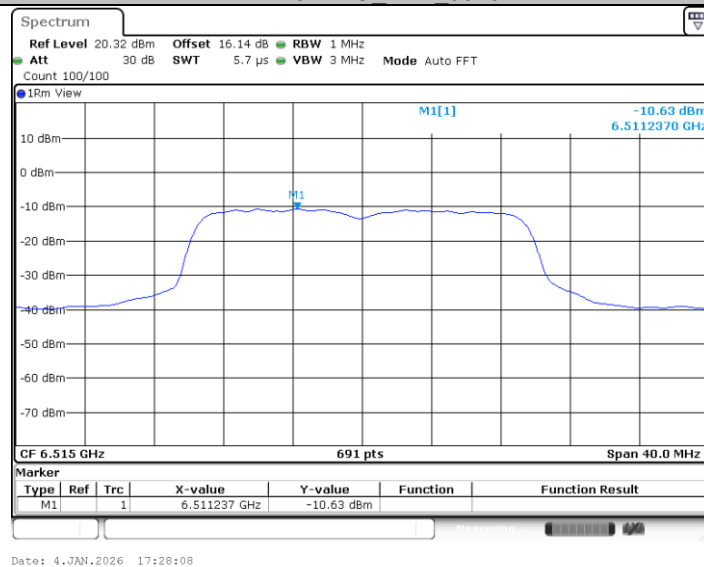
For anti-fake verification, please visit the official website of China Inspection And Testing Society : yz.cncaq.com



11AX20MIMO_Ant1_6515



11AX20MIMO_Ant2_6515



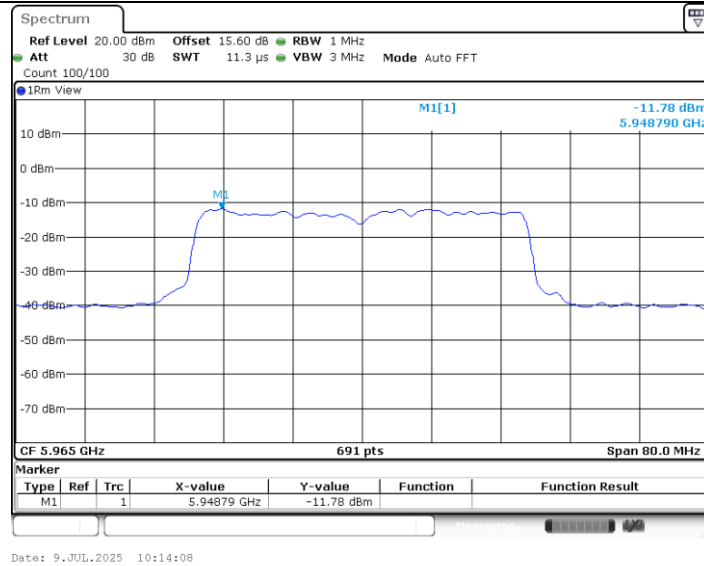
11AX40MIMO_Ant1_5965

CTC Laboratories, Inc.

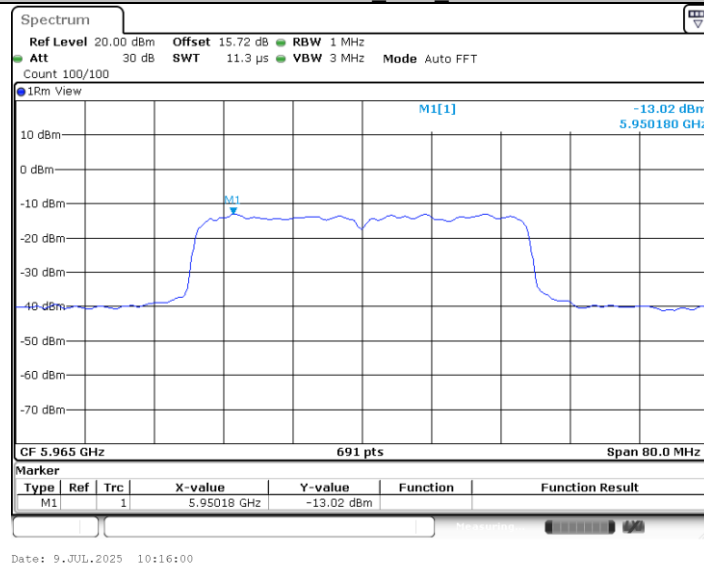
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

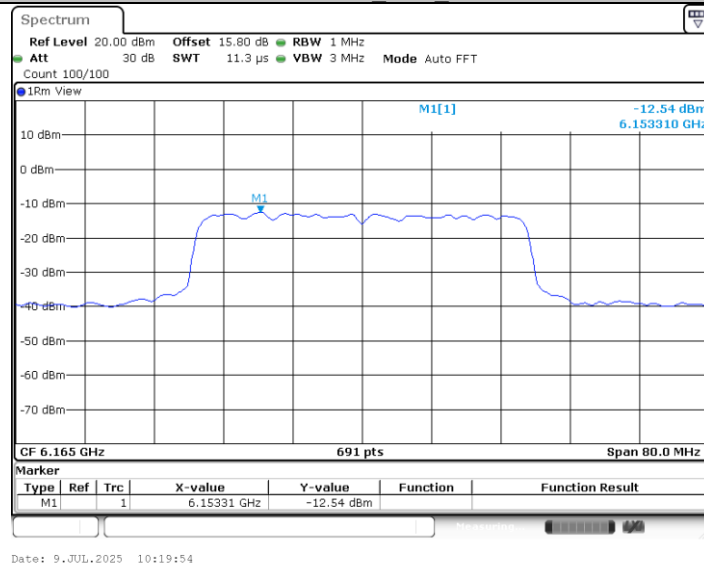
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11AX40MIMO_Ant2_5965



11AX40MIMO_Ant1_6165



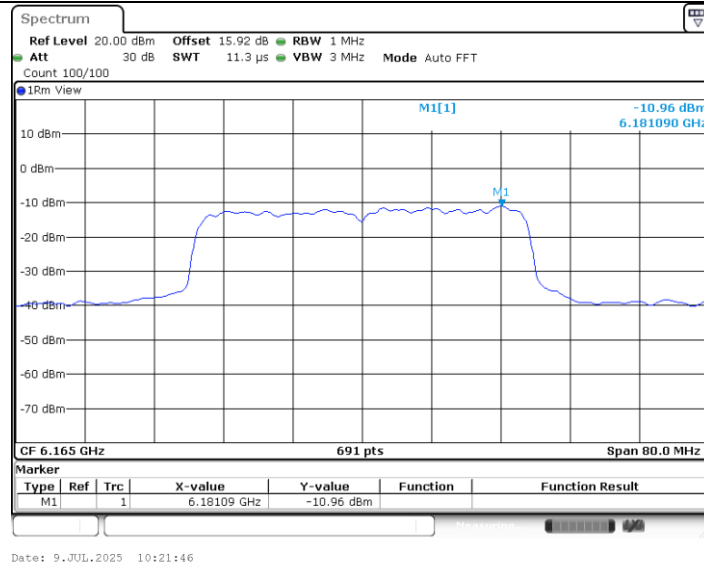
11AX40MIMO_Ant2_6165

CTC Laboratories, Inc.

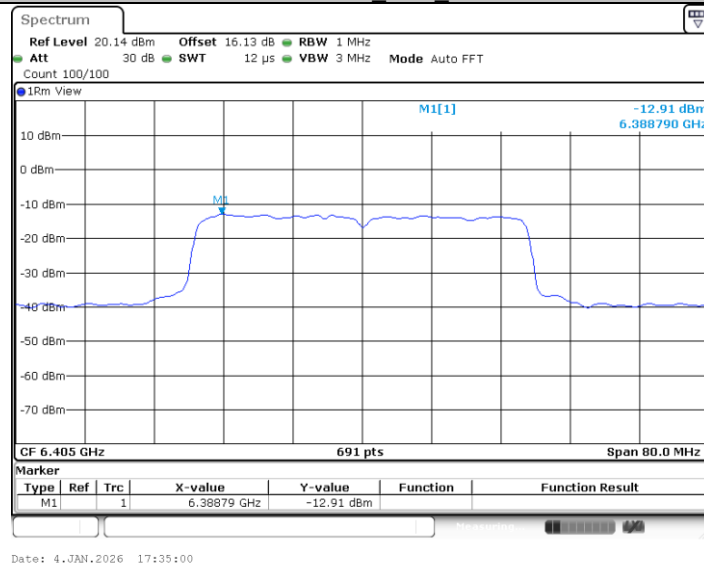
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

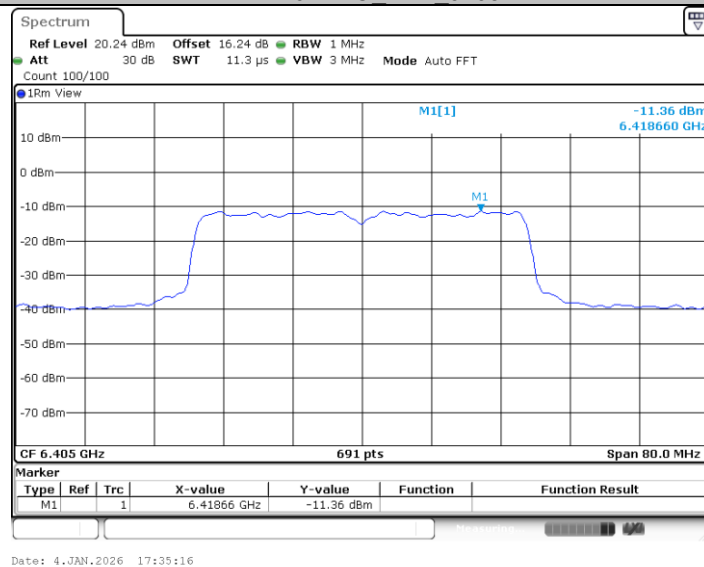
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Society : yz.cncaq.com



11AX40MIMO_Ant1_6405



11AX40MIMO_Ant2_6405



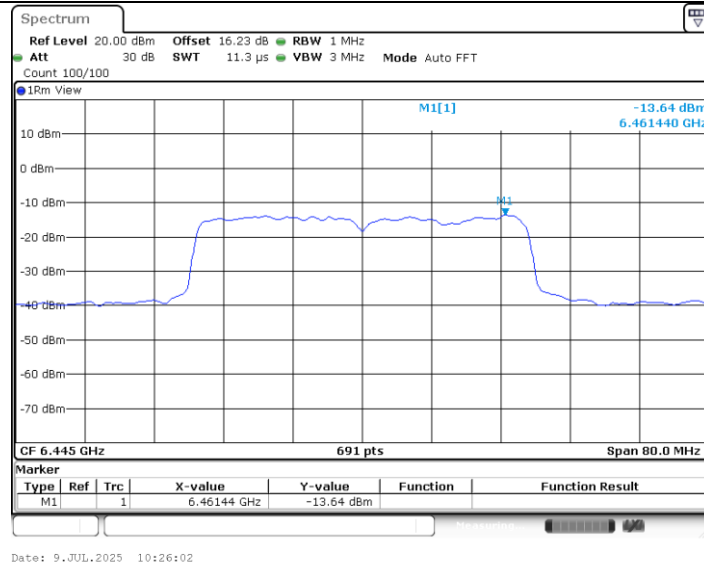
11AX40MIMO_Ant1_6445

CTC Laboratories, Inc.

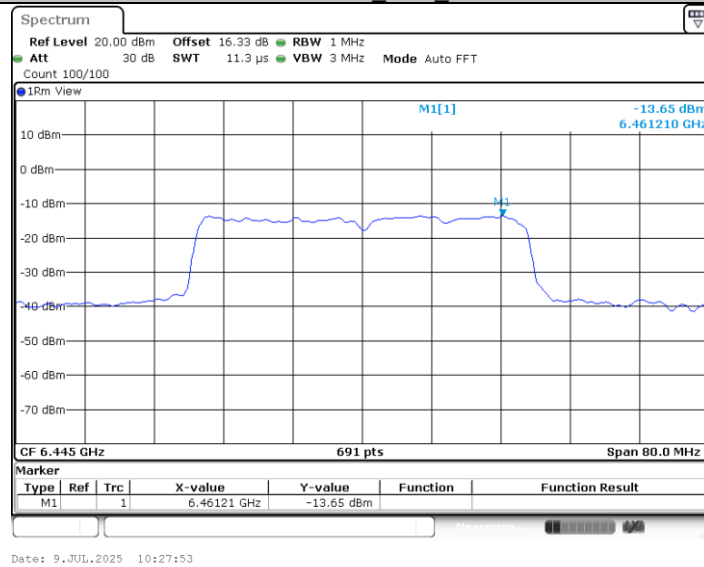
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

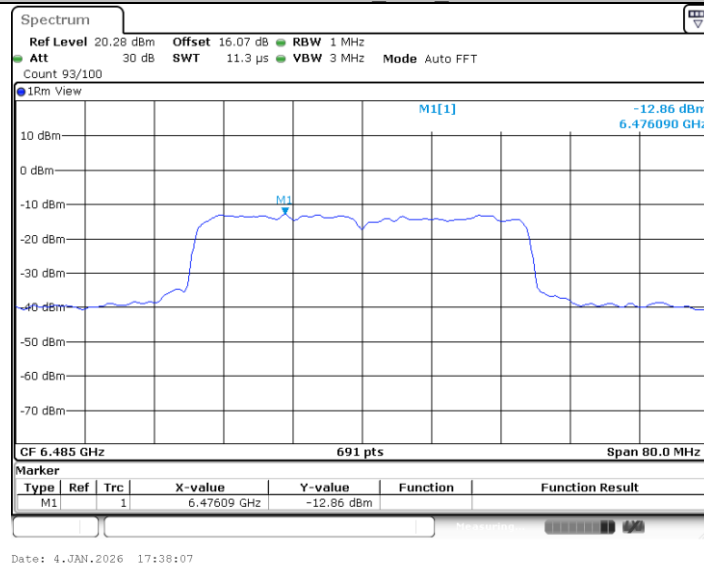
For anti-fake verification, please visit the official website of China Inspection And Testing
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11AX40MIMO_Ant2_6445



11AX40MIMO_Ant1_6485



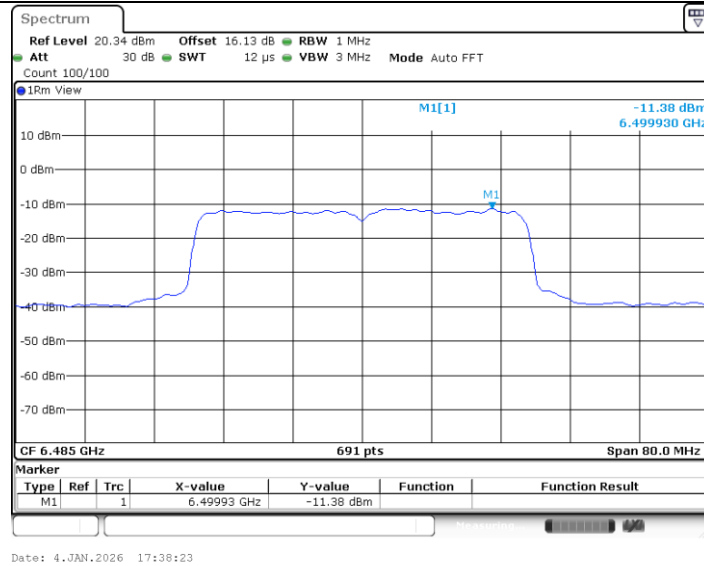
11AX40MIMO_Ant2_6485

CTC Laboratories, Inc.

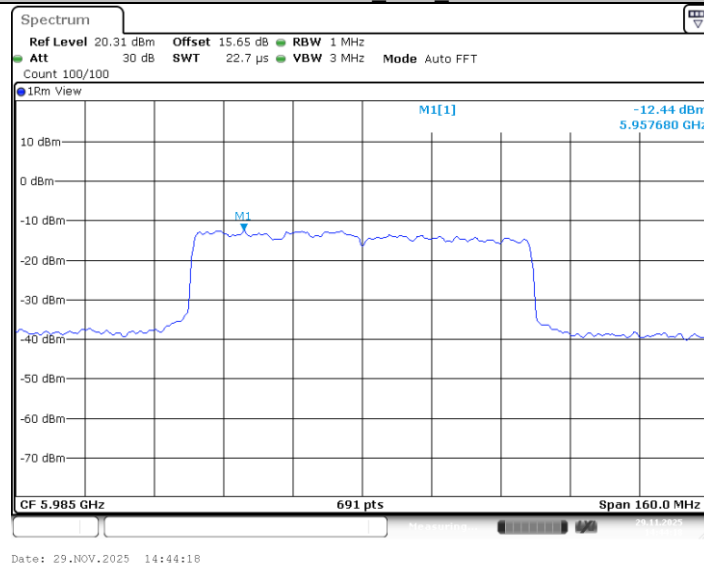
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TRF No: CTC-TR-150_A2

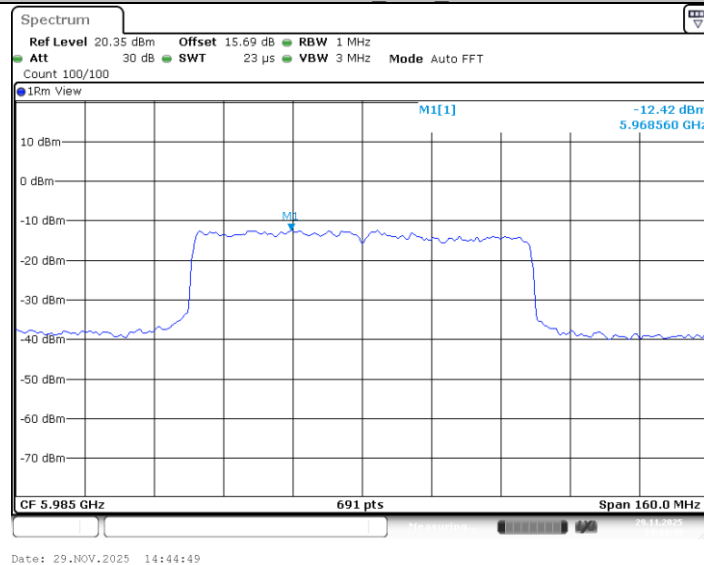
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11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



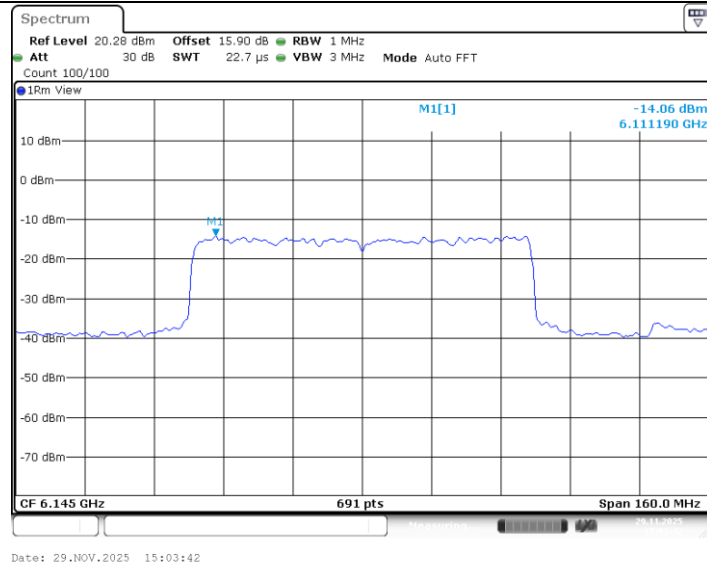
11AX80MIMO_Ant1_6145

CTC Laboratories, Inc.

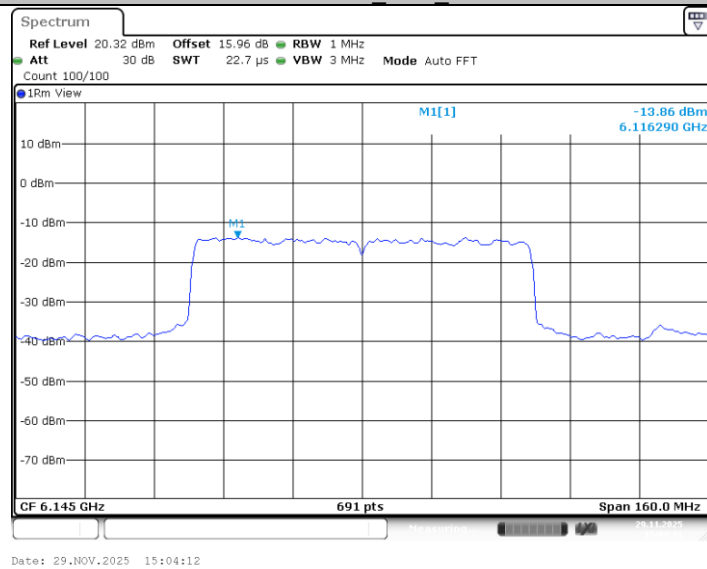
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TRF No: CTC-TR-150_A2

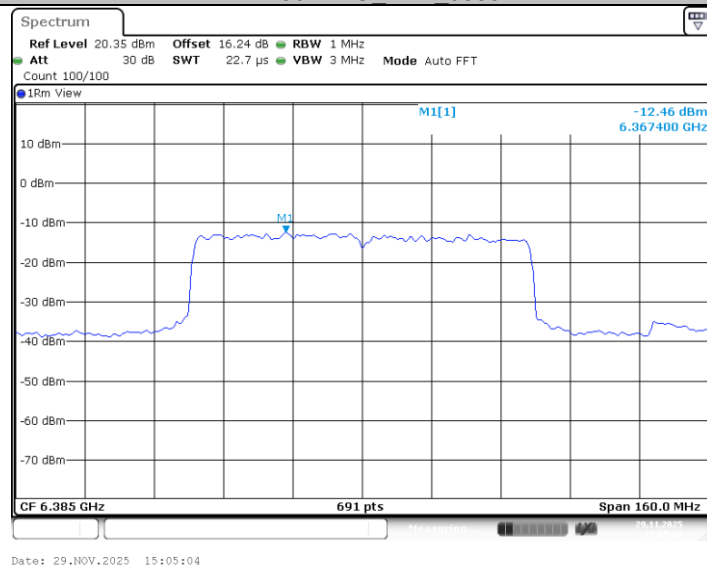
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11AX80MIMO_Ant2_6145



11AX80MIMO_Ant1_6385



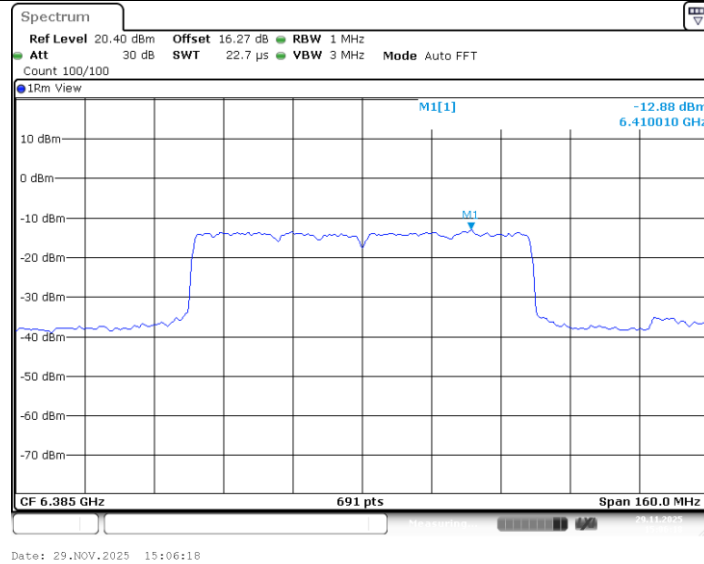
11AX80MIMO_Ant2_6385

CTC Laboratories, Inc.

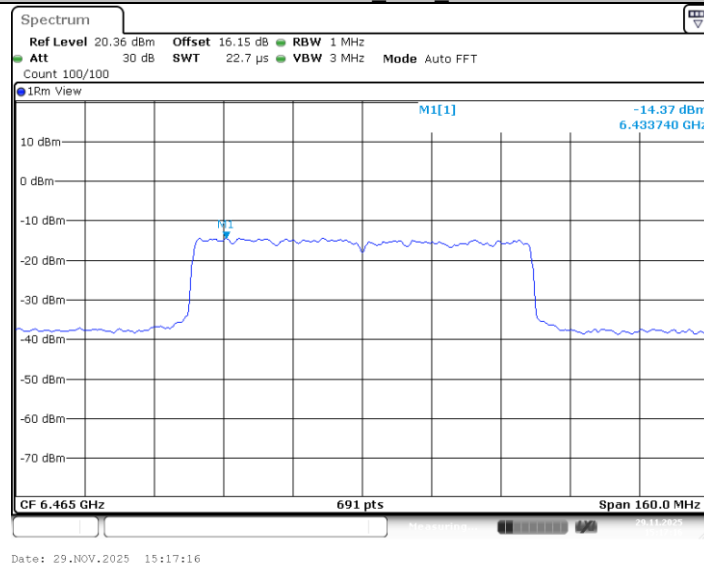
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TRF No: CTC-TR-150_A2

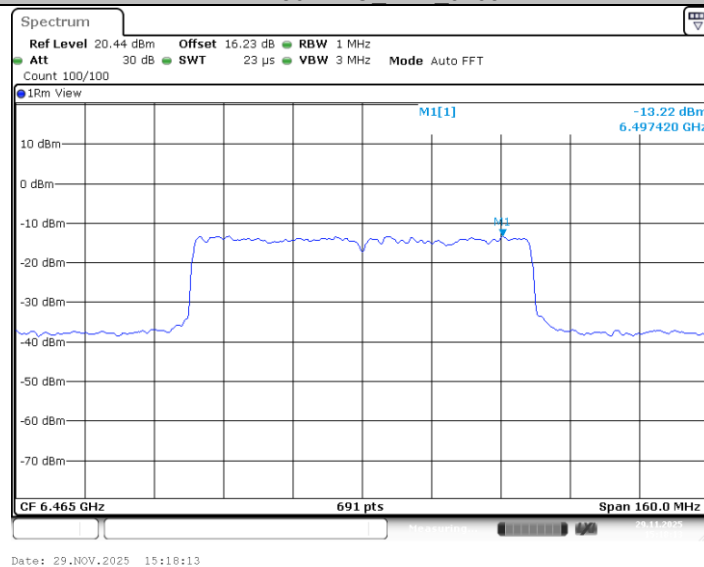
For anti-fake verification, please visit the official website of China Inspection And Testing
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11AX80MIMO_Ant1_6465



11AX80MIMO_Ant2_6465



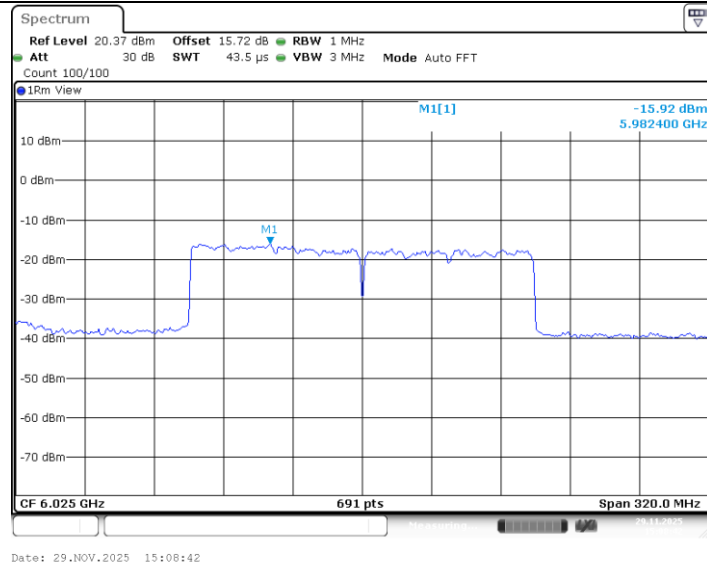
11AX160MIMO_Ant1_6025

CTC Laboratories, Inc.

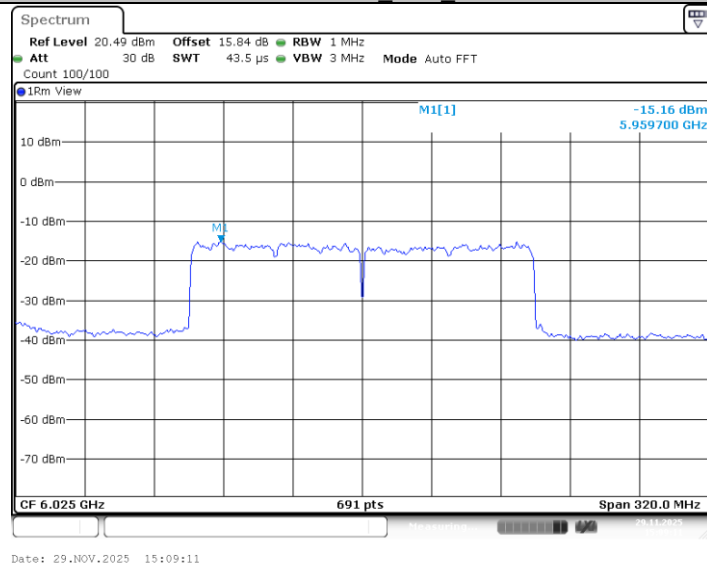
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

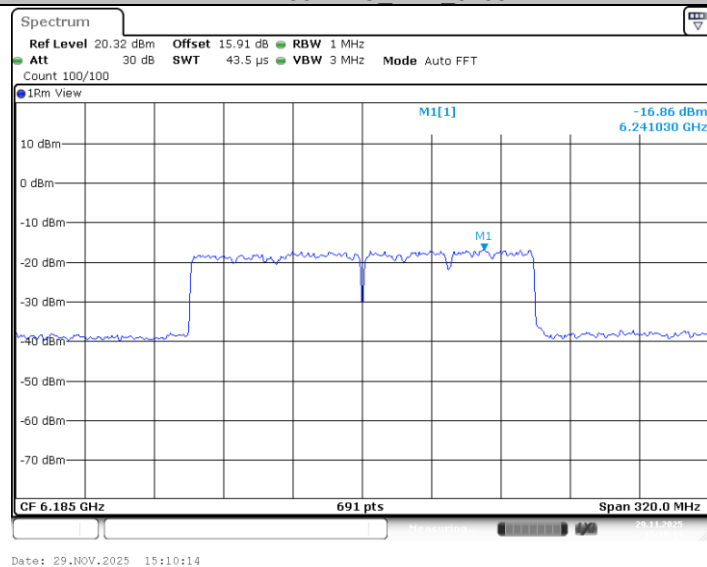
For anti-fake verification, please visit the official website of China Inspection And Testing
Society : yz.cncaq.com



11AX160MIMO_Ant2_6025



11AX160MIMO_Ant1_6185



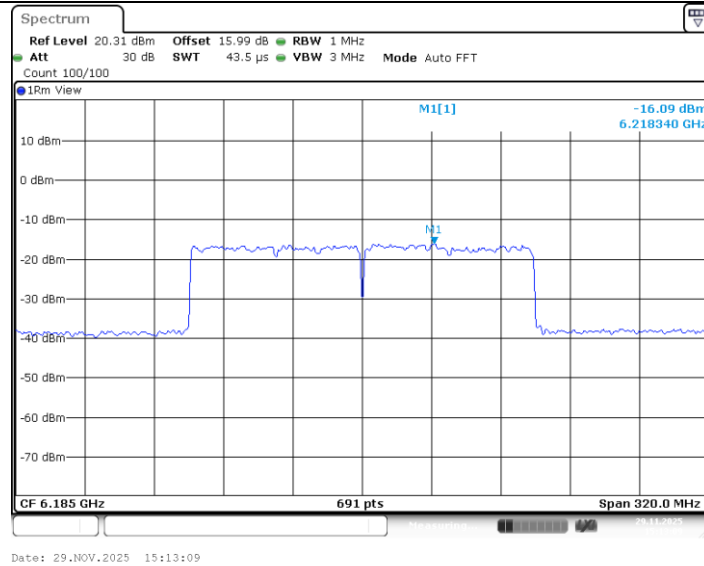
11AX160MIMO_Ant2_6185

CTC Laboratories, Inc.

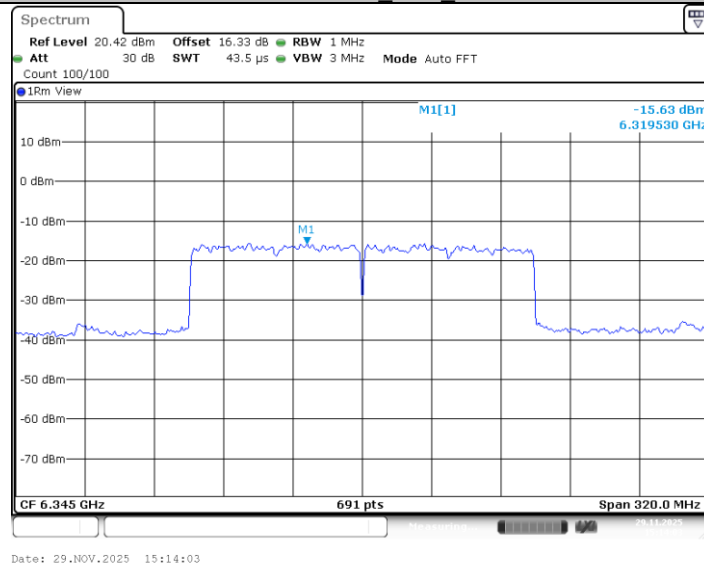
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
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TRF No: CTC-TR-150_A2

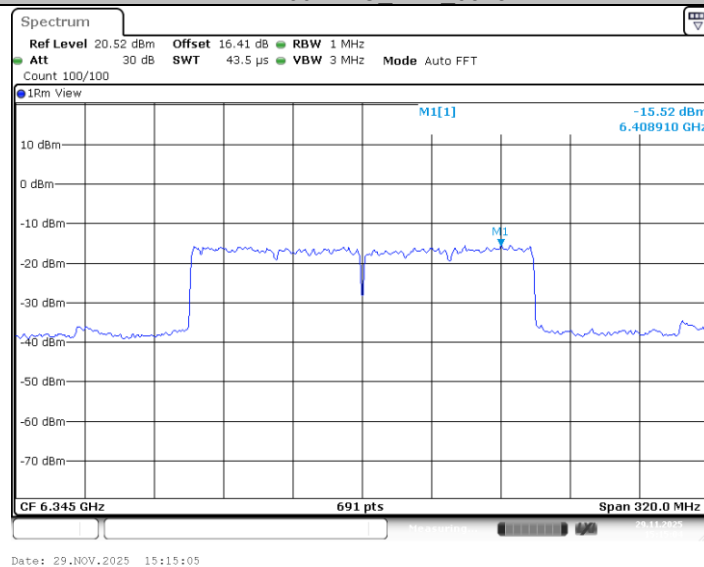
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11AX160MIMO Ant1 6345



11AX160MIMO Ant2 6345



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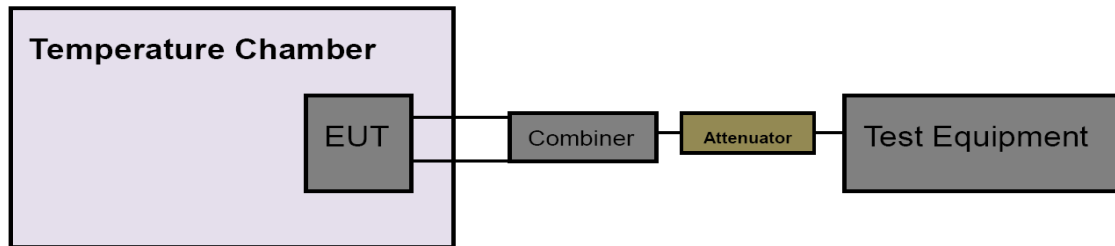
3.7. Frequency Stability

Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(g) / RSS-Gen 6.11

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

Test Configuration



Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 8MHz, VBW=8MHz with peak detector and max hold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 18V to 22V percent of the nominal value.
- (6) Extreme temperature is -20℃~60℃

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

Test Mode

Please refer to the clause 2.4.

**Test Result**

TestMode	Antenna	Channel	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
20M	Ant1	5955	LV	NT	-20980.00	-3.523090	20	PASS
			HV	NT	-20980.00	-3.523090	20	PASS
			NV	NT	-20980.00	-3.523090	20	PASS
	Ant2	5955	NV	NT	-20980.00	-3.523090	20	PASS
			LV	NT	-20980.00	-3.523090	20	PASS
			HV	NT	-20980.00	-3.523090	20	PASS
	Ant1	6175	HV	NT	-23480.00	-3.802429	20	PASS
			LV	NT	-23480.00	-3.802429	20	PASS
			NV	NT	-22980.00	-3.721457	20	PASS
	Ant2	6175	LV	NT	-23480.00	-3.802429	20	PASS
			HV	NT	-23480.00	-3.802429	20	PASS
			NV	NT	-23480.00	-3.802429	20	PASS
	Ant1	6415	NV	NT	-24480.00	-3.816056	20	PASS
			HV	NT	-24480.00	-3.816056	20	PASS
			LV	NT	-24480.00	-3.816056	20	PASS
	Ant2	6415	LV	NT	-24480.00	-3.816056	20	PASS
			HV	NT	-24480.00	-3.816056	20	PASS
			NV	NT	-24480.00	-3.816056	20	PASS
	Ant1	6435	NV	NT	-24480.00	-3.804196	20	PASS
			LV	NT	-24980.00	-3.881896	20	PASS
			HV	NT	-24980.00	-3.881896	20	PASS
	Ant2	6435	NV	NT	-24480.00	-3.804196	20	PASS
			LV	NT	-24980.00	-3.881896	20	PASS
			HV	NT	-24980.00	-3.881896	20	PASS
	Ant1	6475	HV	NT	-25970.00	-4.010811	20	PASS
			LV	NT	-25470.00	-3.933591	20	PASS
			NV	NT	-25470.00	-3.933591	20	PASS
	Ant2	6475	NV	NT	-24480.00	-3.780695	20	PASS
			LV	NT	-24980.00	-3.857915	20	PASS
			HV	NT	-25470.00	-3.933591	20	PASS
	Ant1	6515	NV	NT	-23980.00	-3.680737	20	PASS
			LV	NT	-24480.00	-3.757483	20	PASS
			HV	NT	-24480.00	-3.757483	20	PASS
	Ant2	6515	HV	NT	-23980.00	-3.680737	20	PASS
			NV	NT	-23480.00	-3.603991	20	PASS
			LV	NT	-23980.00	-3.680737	20	PASS
40M	Ant1	5965	LV	NT	-24480.00	-4.103940	20	PASS
			NV	NT	-24480.00	-4.103940	20	PASS
			HV	NT	-24480.00	-4.103940	20	PASS
	Ant2	5965	NV	NT	-23980.00	-4.020117	20	PASS
			HV	NT	-24480.00	-4.103940	20	PASS
			LV	NT	-24480.00	-4.103940	20	PASS
	Ant1	6165	LV	NT	-25970.00	-4.212490	20	PASS
			HV	NT	-25970.00	-4.212490	20	PASS
			NV	NT	-25470.00	-4.131387	20	PASS
	Ant2	6165	LV	NT	-25470.00	-4.131387	20	PASS
			NV	NT	-25470.00	-4.131387	20	PASS
			HV	NT	-24480.00	-3.970803	20	PASS
	Ant1	6405	NV	NT	-26970.00	-4.210773	20	PASS
			HV	NT	-25970.00	-4.054645	20	PASS
			LV	NT	-26470.00	-4.132709	20	PASS
	Ant2	6405	HV	NT	-25970.00	-4.054645	20	PASS
			NV	NT	-26470.00	-4.132709	20	PASS
			LV	NT	-26470.00	-4.132709	20	PASS
	Ant1	6445	HV	NT	-26970.00	-4.184639	20	PASS
			LV	NT	-26970.00	-4.184639	20	PASS
			NV	NT	-26470.00	-4.107060	20	PASS
	Ant2	6445	HV	NT	-27470.00	-4.262219	20	PASS
			LV	NT	-27970.00	-4.339798	20	PASS

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	Ant1	6485	NV	NT	-27970.00	-4.339798	20	PASS
			HV	NT	-26470.00	-4.081727	20	PASS
			NV	NT	-26970.00	-4.158828	20	PASS
			LV	NT	-27470.00	-4.235929	20	PASS
	Ant2	6485	NV	NT	-26470.00	-4.081727	20	PASS
			LV	NT	-26970.00	-4.158828	20	PASS
			HV	NT	-26470.00	-4.081727	20	PASS
80M	Ant1	5985	NV	NT	-24980.00	-4.173768	20	PASS
			HV	NT	-24980.00	-4.173768	20	PASS
			LV	NT	-24980.00	-4.173768	20	PASS
	Ant2	5985	HV	NT	-24980.00	-4.173768	20	PASS
			LV	NT	-24980.00	-4.173768	20	PASS
			NV	NT	-24480.00	-4.090226	20	PASS
	Ant1	6145	NV	NT	-25970.00	-4.226200	20	PASS
			HV	NT	-26470.00	-4.307567	20	PASS
			LV	NT	-26970.00	-4.388934	20	PASS
	Ant2	6145	HV	NT	-26470.00	-4.307567	20	PASS
			NV	NT	-26470.00	-4.307567	20	PASS
			LV	NT	-26470.00	-4.307567	20	PASS
	Ant1	6385	LV	NT	-17980.00	-2.815975	20	PASS
			HV	NT	-19980.00	-3.129209	20	PASS
			NV	NT	-12990.00	-2.034456	20	PASS
	Ant2	6385	HV	NT	-24480.00	-3.833986	20	PASS
			LV	NT	-22980.00	-3.599060	20	PASS
			NV	NT	-17980.00	-2.815975	20	PASS
	Ant1	6465	LV	NT	-26470.00	-4.094354	20	PASS
			HV	NT	-26470.00	-4.094354	20	PASS
			NV	NT	-25470.00	-3.939675	20	PASS
	Ant2	6465	HV	NT	-26970.00	-4.171694	20	PASS
			LV	NT	-27470.00	-4.249033	20	PASS
			NV	NT	-26970.00	-4.171694	20	PASS
160M	Ant1	6025	LV	NT	-24980.00	-4.146058	20	PASS
			HV	NT	-25470.00	-4.227386	20	PASS
			NV	NT	-22980.00	-3.814108	20	PASS
	Ant2	6025	NV	NT	-24980.00	-4.146058	20	PASS
			LV	NT	-25470.00	-4.227386	20	PASS
			HV	NT	-25470.00	-4.227386	20	PASS
	Ant1	6185	NV	NT	-24980.00	-4.038804	20	PASS
			LV	NT	-24980.00	-4.038804	20	PASS
			HV	NT	-25970.00	-4.198868	20	PASS
	Ant2	6185	LV	NT	-25970.00	-4.198868	20	PASS
			HV	NT	-25470.00	-4.118027	20	PASS
			NV	NT	-25470.00	-4.118027	20	PASS
	Ant1	6345	HV	NT	-26970.00	-4.250591	20	PASS
			LV	NT	-27470.00	-4.329393	20	PASS
			NV	NT	-27470.00	-4.329393	20	PASS
	Ant2	6345	LV	NT	-26970.00	-4.250591	20	PASS
			HV	NT	-26970.00	-4.250591	20	PASS
			NV	NT	-26970.00	-4.250591	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20M	Ant1	5955	NV	-20	-20980.00	-3.523090	20	PASS
			NV	0	-20980.00	-3.523090	20	PASS
			NV	20	-21480.00	-3.607053	20	PASS
			NV	40	-21480.00	-3.607053	20	PASS
			NV	60	-21480.00	-3.607053	20	PASS
	Ant2	5955	NV	-20	-21480.00	-3.607053	20	PASS
			NV	0	-21480.00	-3.607053	20	PASS
			NV	20	-21480.00	-3.607053	20	PASS
			NV	40	-20980.00	-3.523090	20	PASS
			NV	60	-21480.00	-3.607053	20	PASS
	Ant1	6175	NV	-20	-23480.00	-3.802429	20	PASS

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			NV	0	-23480.00	-3.802429	20	PASS
			NV	20	-23480.00	-3.802429	20	PASS
			NV	40	-23480.00	-3.802429	20	PASS
			NV	60	-23480.00	-3.802429	20	PASS
	Ant2	6175	NV	-20	-23480.00	-3.802429	20	PASS
			NV	0	-23980.00	-3.883401	20	PASS
			NV	20	-23980.00	-3.883401	20	PASS
			NV	40	-23480.00	-3.802429	20	PASS
			NV	60	-23480.00	-3.802429	20	PASS
			NV	-20	-24480.00	-3.816056	20	PASS
			NV	0	-24480.00	-3.816056	20	PASS
			NV	20	-24980.00	-3.893998	20	PASS
	Ant1	6415	NV	40	-24980.00	-3.893998	20	PASS
			NV	60	-24480.00	-3.816056	20	PASS
			NV	-20	-24980.00	-3.893998	20	PASS
			NV	0	-24980.00	-3.893998	20	PASS
			NV	20	-24480.00	-3.816056	20	PASS
			NV	40	-24480.00	-3.816056	20	PASS
			NV	60	-24480.00	-3.816056	20	PASS
			NV	-20	-25470.00	-3.958042	20	PASS
	Ant1	6435	NV	0	-25470.00	-3.958042	20	PASS
			NV	20	-25470.00	-3.958042	20	PASS
			NV	40	-25470.00	-3.958042	20	PASS
			NV	60	-25470.00	-3.958042	20	PASS
			NV	-20	-24980.00	-3.881896	20	PASS
			NV	0	-24980.00	-3.881896	20	PASS
			NV	20	-25470.00	-3.958042	20	PASS
			NV	40	-24980.00	-3.881896	20	PASS
			NV	60	-24980.00	-3.881896	20	PASS
			NV	-20	-25970.00	-4.010811	20	PASS
			NV	0	-25970.00	-4.010811	20	PASS
			NV	20	-25470.00	-3.933591	20	PASS
	Ant1	6475	NV	40	-25970.00	-4.010811	20	PASS
			NV	60	-25970.00	-4.010811	20	PASS
			NV	-20	-25470.00	-3.933591	20	PASS
			NV	0	-25470.00	-3.933591	20	PASS
			NV	20	-25470.00	-3.933591	20	PASS
			NV	40	-25470.00	-3.933591	20	PASS
			NV	60	-25470.00	-3.933591	20	PASS
			NV	-20	-24480.00	-3.757483	20	PASS
	Ant1	6515	NV	0	-24480.00	-3.757483	20	PASS
			NV	20	-24480.00	-3.757483	20	PASS
			NV	40	-24480.00	-3.757483	20	PASS
			NV	60	-24480.00	-3.757483	20	PASS
			NV	-20	-24480.00	-3.757483	20	PASS
			NV	0	-24480.00	-3.757483	20	PASS
			NV	20	-24480.00	-3.757483	20	PASS
			NV	40	-24480.00	-3.757483	20	PASS
			NV	60	-24480.00	-3.757483	20	PASS
			NV	-20	-25970.00	-4.353730	20	PASS
			NV	0	-25970.00	-4.353730	20	PASS
			NV	20	-25470.00	-4.269908	20	PASS
	Ant1	5965	NV	40	-25970.00	-4.353730	20	PASS
			NV	60	-25970.00	-4.353730	20	PASS
			NV	-20	-25470.00	-4.269908	20	PASS
			NV	0	-25470.00	-4.269908	20	PASS
			NV	20	-25470.00	-4.269908	20	PASS
			NV	40	-25470.00	-4.269908	20	PASS
			NV	60	-25470.00	-4.269908	20	PASS
			NV	-20	-25470.00	-4.131387	20	PASS
	Ant1	6165	NV	0	-25970.00	-4.212490	20	PASS
			NV	20	-25470.00	-4.131387	20	PASS
			NV	40	-25470.00	-4.131387	20	PASS
			NV	60	-24980.00	-4.051906	20	PASS
			NV	-20	-23480.00	-3.808597	20	PASS
			NV	-20	-23480.00	-3.808597	20	PASS
			NV	-20	-23480.00	-3.808597	20	PASS
			NV	-20	-23480.00	-3.808597	20	PASS

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			NV	0	-22980.00	-3.727494	20	PASS
			NV	20	-22980.00	-3.727494	20	PASS
			NV	40	-22980.00	-3.727494	20	PASS
			NV	60	-23480.00	-3.808597	20	PASS
	Ant1	6405	NV	-20	-25470.00	-3.976581	20	PASS
			NV	0	-25470.00	-3.976581	20	PASS
			NV	20	-25470.00	-3.976581	20	PASS
			NV	40	-25470.00	-3.976581	20	PASS
			NV	60	-25970.00	-4.054645	20	PASS
	Ant2	6405	NV	-20	-24980.00	-3.900078	20	PASS
			NV	0	-25470.00	-3.976581	20	PASS
			NV	20	-25470.00	-3.976581	20	PASS
			NV	40	-25470.00	-3.976581	20	PASS
			NV	60	-25970.00	-4.054645	20	PASS
	Ant1	6445	NV	-20	-28470.00	-4.417378	20	PASS
			NV	0	-27970.00	-4.339798	20	PASS
			NV	20	-27970.00	-4.339798	20	PASS
			NV	40	-28470.00	-4.417378	20	PASS
			NV	60	-27970.00	-4.339798	20	PASS
	Ant2	6445	NV	-20	-26970.00	-4.184639	20	PASS
			NV	0	-26970.00	-4.184639	20	PASS
			NV	20	-26970.00	-4.184639	20	PASS
			NV	40	-26970.00	-4.184639	20	PASS
			NV	60	-26970.00	-4.184639	20	PASS
	Ant1	6485	NV	-20	-25970.00	-4.004626	20	PASS
			NV	0	-26470.00	-4.081727	20	PASS
			NV	20	-25970.00	-4.004626	20	PASS
			NV	40	-25970.00	-4.004626	20	PASS
			NV	60	-26470.00	-4.081727	20	PASS
	Ant2	6485	NV	-20	-24980.00	-3.851966	20	PASS
			NV	0	-25470.00	-3.927525	20	PASS
			NV	20	-24980.00	-3.851966	20	PASS
			NV	40	-25470.00	-3.927525	20	PASS
			NV	60	-25970.00	-4.004626	20	PASS
80M	Ant1	5985	NV	-20	-24480.00	-4.090226	20	PASS
			NV	0	-24480.00	-4.090226	20	PASS
			NV	20	-24480.00	-4.090226	20	PASS
			NV	40	-24480.00	-4.090226	20	PASS
			NV	60	-24480.00	-4.090226	20	PASS
	Ant2	5985	NV	-20	-24980.00	-4.173768	20	PASS
			NV	0	-24980.00	-4.173768	20	PASS
			NV	20	-24480.00	-4.090226	20	PASS
			NV	40	-24480.00	-4.090226	20	PASS
			NV	60	-24480.00	-4.090226	20	PASS
	Ant1	6145	NV	-20	-25970.00	-4.226200	20	PASS
			NV	0	-25970.00	-4.226200	20	PASS
			NV	20	-25970.00	-4.226200	20	PASS
			NV	40	-25970.00	-4.226200	20	PASS
			NV	60	-25970.00	-4.226200	20	PASS
	Ant2	6145	NV	-20	-24480.00	-3.983727	20	PASS
			NV	0	-25970.00	-4.226200	20	PASS
			NV	20	-25470.00	-4.144833	20	PASS
			NV	40	-25470.00	-4.144833	20	PASS
			NV	60	-24980.00	-4.065094	20	PASS
	Ant1	6385	NV	-20	-22480.00	-3.520752	20	PASS
			NV	0	-23480.00	-3.677369	20	PASS
			NV	20	-24480.00	-3.833986	20	PASS
			NV	40	-24980.00	-3.912294	20	PASS
			NV	60	-24980.00	-3.912294	20	PASS
	Ant2	6385	NV	-20	-26970.00	-4.223962	20	PASS
			NV	0	-25970.00	-4.067345	20	PASS
			NV	20	-25970.00	-4.067345	20	PASS
			NV	40	-26470.00	-4.145654	20	PASS
			NV	60	-26970.00	-4.223962	20	PASS
	Ant1	6465	NV	-20	-27470.00	-4.249033	20	PASS

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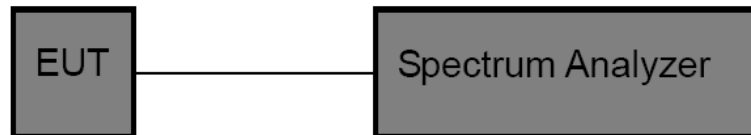
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			NV	20	-27470.00	-4.249033	20	PASS
			NV	40	-26470.00	-4.094354	20	PASS
			NV	60	-26970.00	-4.171694	20	PASS
	Ant2	6465	NV	-20	-26470.00	-4.094354	20	PASS
			NV	0	-26470.00	-4.094354	20	PASS
			NV	20	-26470.00	-4.094354	20	PASS
			NV	40	-25970.00	-4.017015	20	PASS
160M			NV	60	-26470.00	-4.094354	20	PASS
			NV	-20	-25970.00	-4.310373	20	PASS
			NV	0	-25970.00	-4.310373	20	PASS
			NV	20	-25970.00	-4.310373	20	PASS
	Ant1	6025	NV	40	-25470.00	-4.227386	20	PASS
			NV	60	-25470.00	-4.227386	20	PASS
	Ant2	6025	NV	-20	-25970.00	-4.310373	20	PASS
			NV	0	-26470.00	-4.393361	20	PASS
			NV	20	-25970.00	-4.310373	20	PASS
			NV	40	-25470.00	-4.227386	20	PASS
			NV	60	-25470.00	-4.227386	20	PASS
			NV	-20	-26470.00	-4.279709	20	PASS
			NV	0	-25970.00	-4.198868	20	PASS
			NV	20	-25970.00	-4.198868	20	PASS
	Ant1	6185	NV	40	-25970.00	-4.198868	20	PASS
			NV	60	-26470.00	-4.279709	20	PASS
	Ant2	6185	NV	-20	-24980.00	-4.038804	20	PASS
			NV	0	-25470.00	-4.118027	20	PASS
			NV	20	-24980.00	-4.038804	20	PASS
			NV	40	-24980.00	-4.038804	20	PASS
			NV	60	-24980.00	-4.038804	20	PASS
			NV	-20	-26470.00	-4.171789	20	PASS
			NV	0	-26970.00	-4.250591	20	PASS
			NV	20	-26970.00	-4.250591	20	PASS
	Ant1	6345	NV	40	-26470.00	-4.171789	20	PASS
			NV	60	-26470.00	-4.171789	20	PASS
	Ant2	6345	NV	-20	-26470.00	-4.171789	20	PASS
			NV	0	-26970.00	-4.250591	20	PASS
			NV	20	-26470.00	-4.171789	20	PASS
			NV	40	-26470.00	-4.171789	20	PASS
			NV	60	-26470.00	-4.171789	20	PASS

3.8. Duty Cycle

Limit

None, for report purposes only.

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section B of 789033 D02 General U-NII Test Procedures New Rules v02r01.
3. Spectrum Setting:
Set analyzer center frequency to test channel center frequency.
Set the span to 0Hz.
Set the RBW to 10MHz.
Set the VBW to 10MHz.
Detector: Peak.
Sweep time: Auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.

**Test Result**

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T Minimum VBW (kHz)	Final Setting for VBW (kHz)
11AX20MIMO	Ant1	5955	0.17	0.29	58.62	5.88	6
	Ant2	5955	0.17	0.22	77.27	5.88	6
	Ant1	6175	0.17	0.22	77.27	5.88	6
	Ant2	6175	0.17	0.22	77.27	5.88	6
	Ant1	6415	0.17	0.22	77.27	5.88	6
	Ant2	6415	0.18	0.22	81.82	5.56	6
	Ant1	6435	0.17	0.22	77.27	5.88	6
	Ant2	6435	0.18	0.22	81.82	5.56	6
	Ant1	6475	0.17	0.22	77.27	5.88	6
	Ant2	6475	0.17	0.22	77.27	5.88	6
	Ant1	6515	0.17	0.21	80.95	5.88	6
	Ant2	6515	0.17	0.22	77.27	5.88	6
11AX40MIMO	Ant1	5965	0.17	0.22	77.27	5.88	6
	Ant2	5965	0.17	0.22	77.27	5.88	6
	Ant1	6165	0.18	0.23	78.26	5.56	6
	Ant2	6165	0.18	0.22	81.82	5.56	6
	Ant1	6405	0.17	0.22	77.27	5.88	6
	Ant2	6405	0.17	0.22	77.27	5.88	6
	Ant1	6445	0.17	0.22	77.27	5.88	6
	Ant2	6445	0.17	0.22	77.27	5.88	6
	Ant1	6485	0.17	0.22	77.27	5.88	6
	Ant2	6485	0.17	0.24	70.83	5.88	6
11AX80MIMO	Ant1	5985	0.18	0.22	81.82	5.56	6
	Ant2	5985	0.18	0.22	81.82	5.56	6
	Ant1	6145	0.17	0.22	77.27	5.88	6
	Ant2	6145	0.17	0.22	77.27	5.88	6
	Ant1	6385	0.18	0.22	81.82	5.56	6
	Ant2	6385	0.17	0.22	77.27	5.88	6
	Ant1	6465	0.17	0.22	77.27	5.88	6
	Ant2	6465	0.17	0.22	77.27	5.88	6
11AX160MIMO	Ant1	6025	0.17	0.22	77.27	5.88	6
	Ant2	6025	0.17	0.22	77.27	5.88	6
	Ant1	6185	0.18	0.22	81.82	5.56	6
	Ant2	6185	0.17	0.22	77.27	5.88	6
	Ant1	6345	0.17	0.22	77.27	5.88	6
	Ant2	6345	0.17	0.22	77.27	5.88	6

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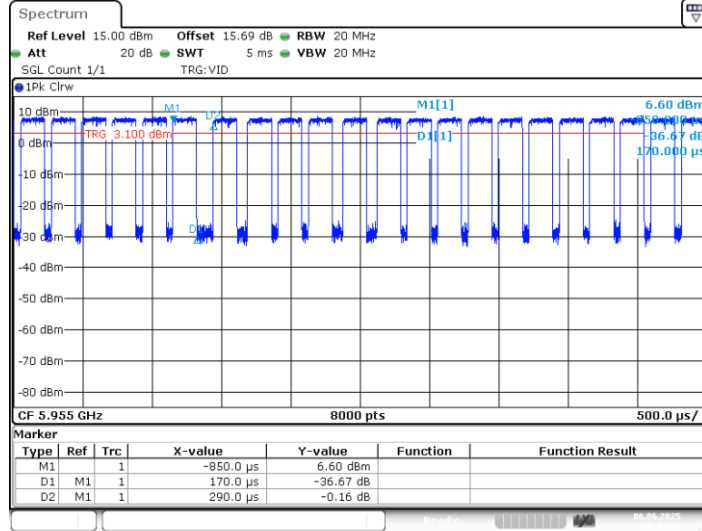
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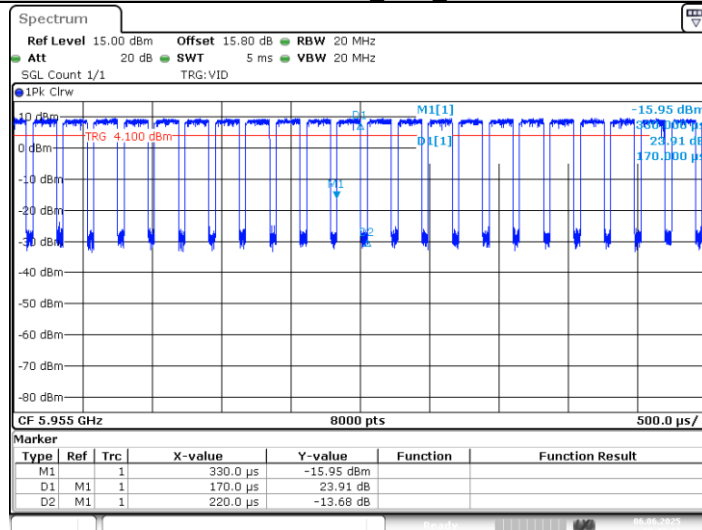


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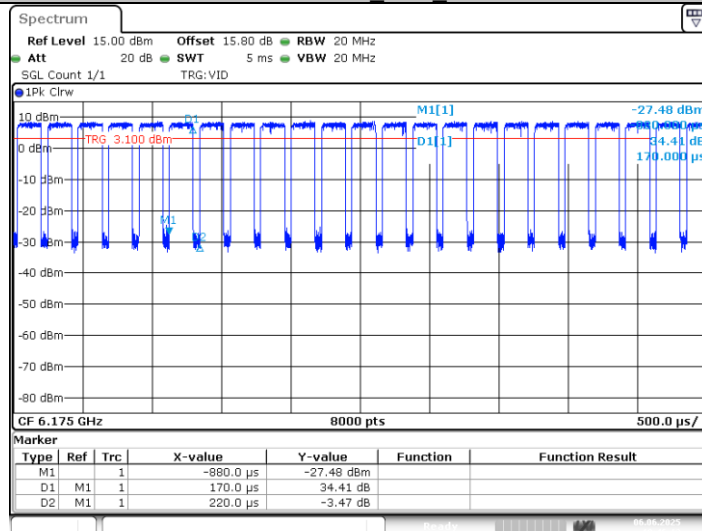
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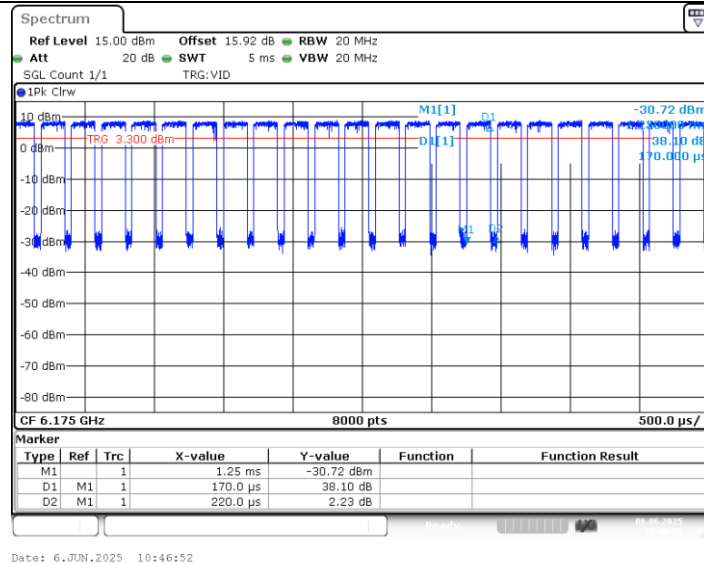
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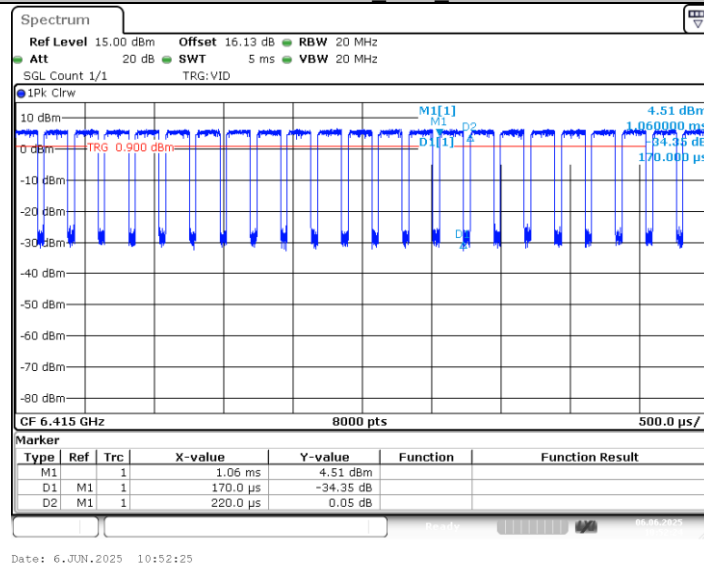


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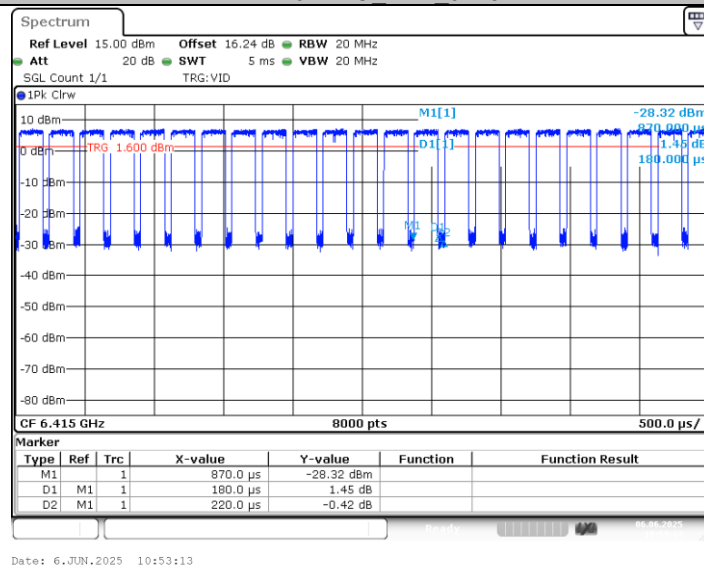
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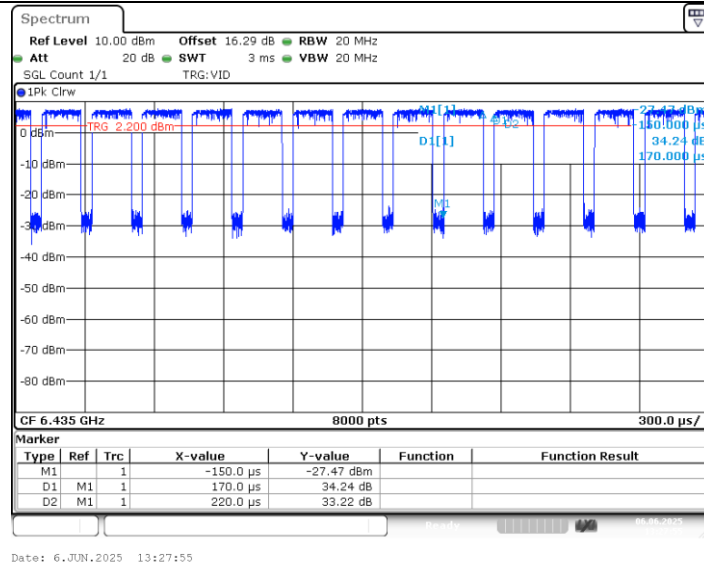
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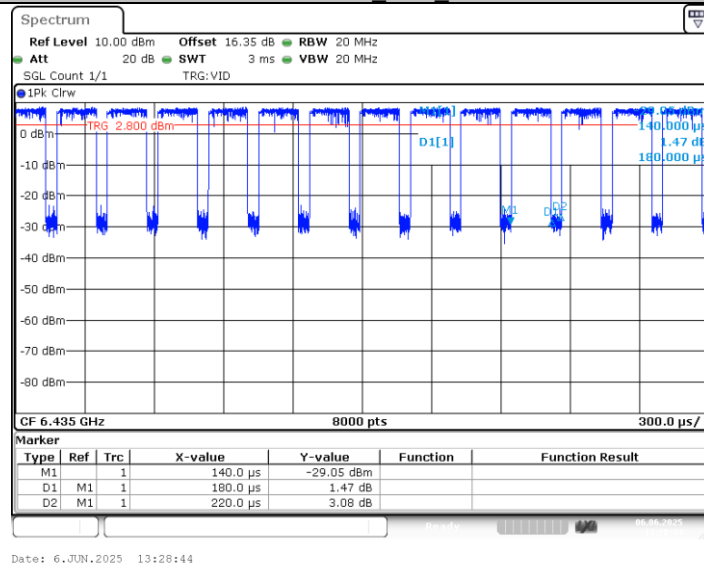
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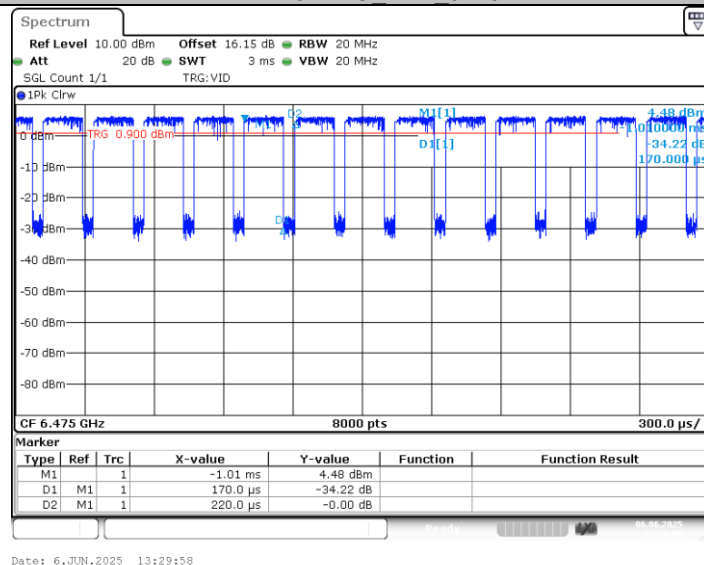
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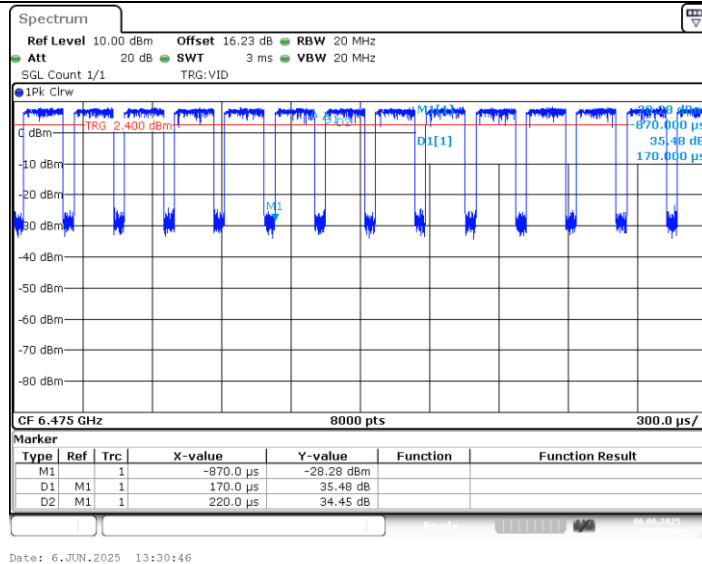
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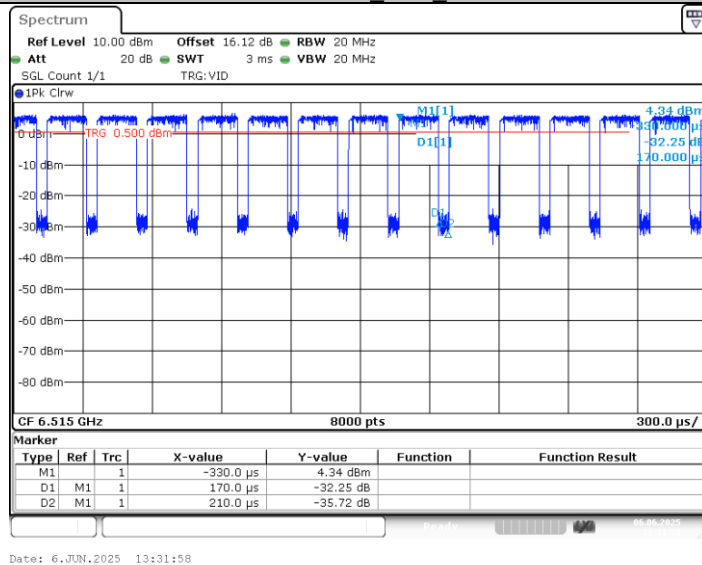
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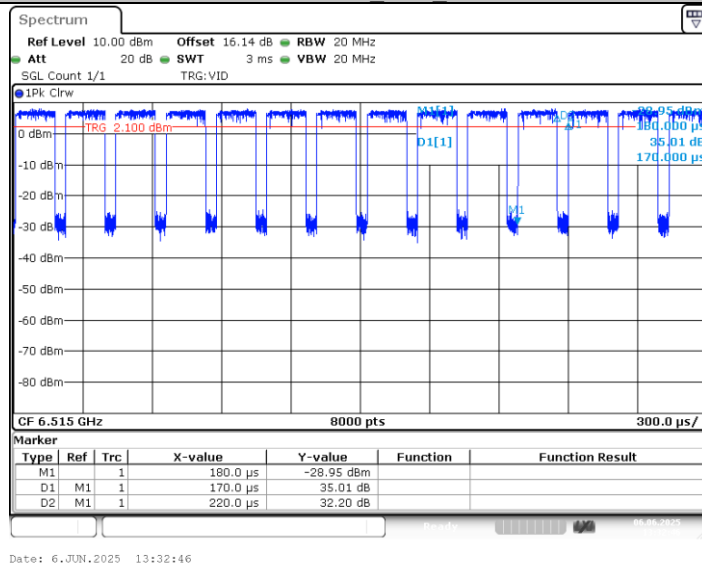
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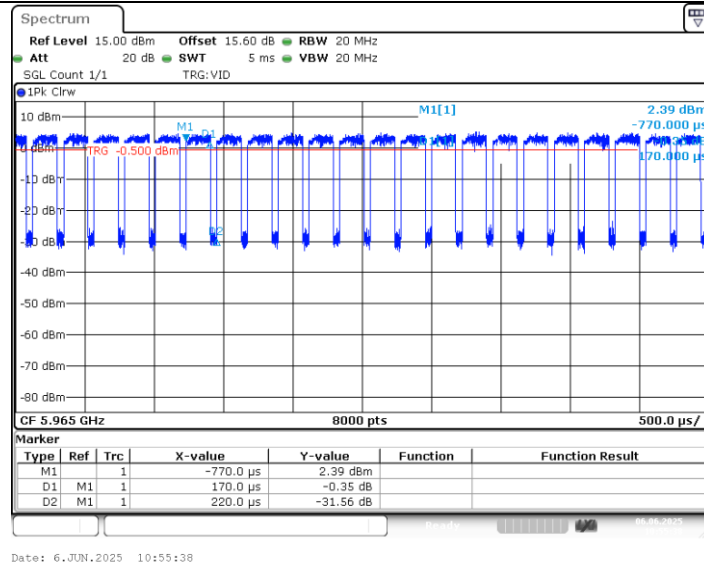
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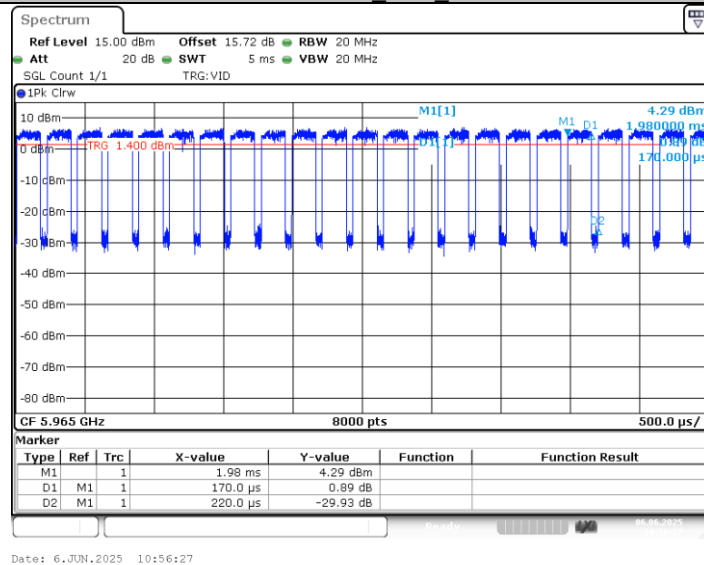
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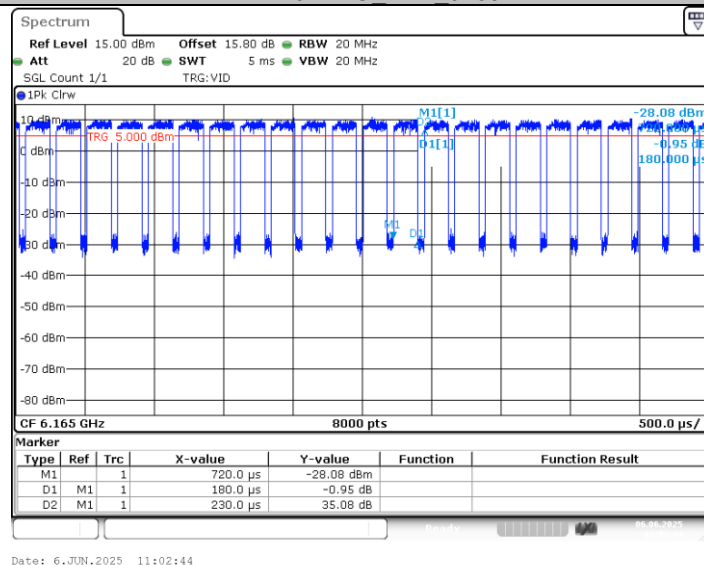
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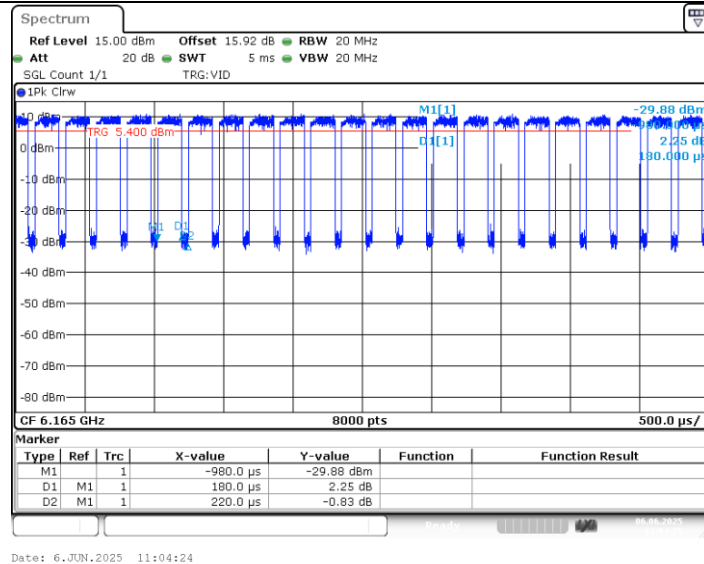
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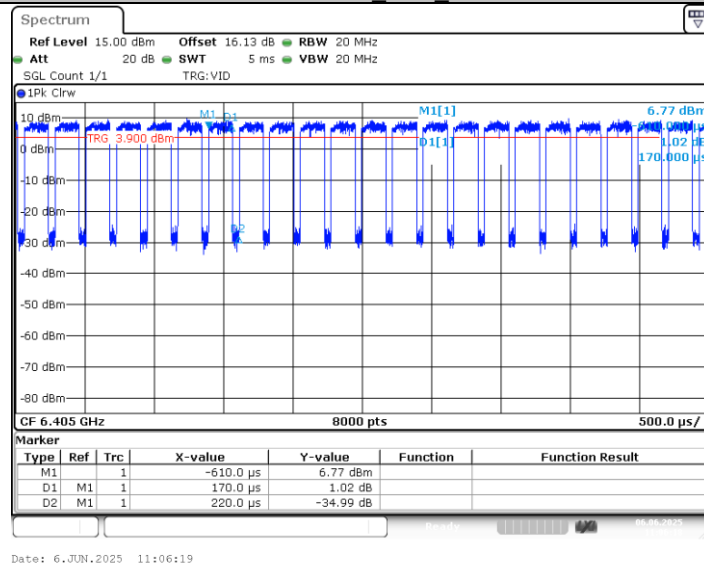
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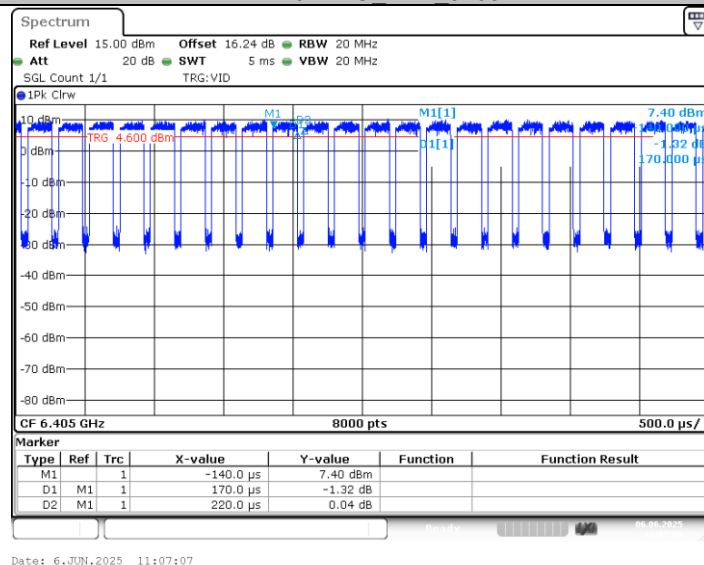
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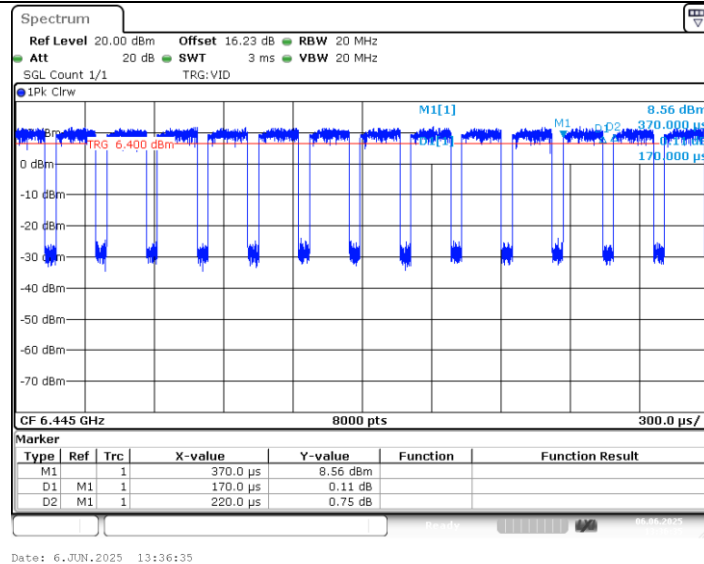
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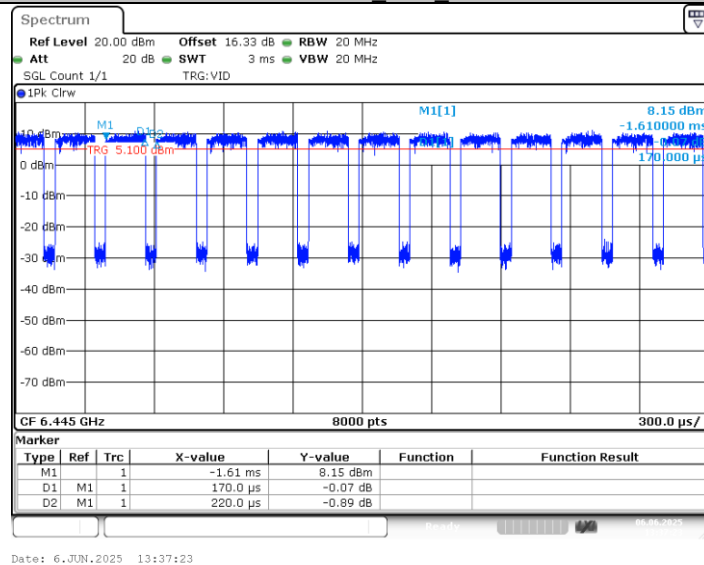
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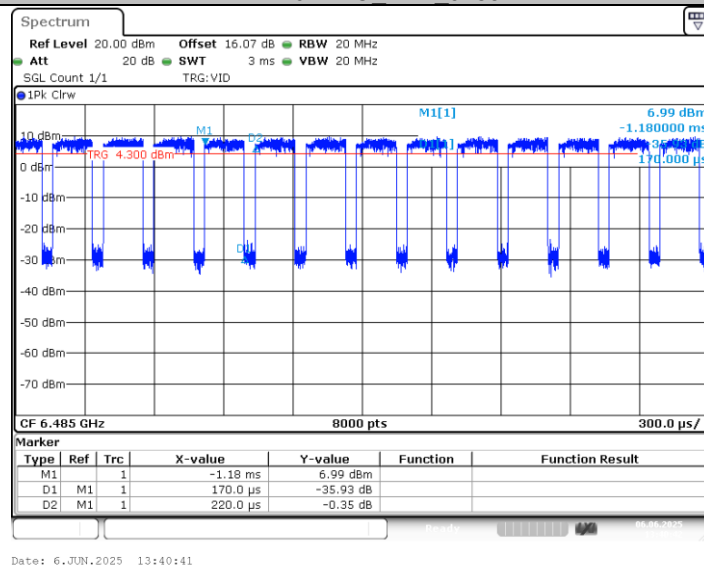
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11AX40MIMO_Ant2_6445



11AX40MIMO_Ant1_6485



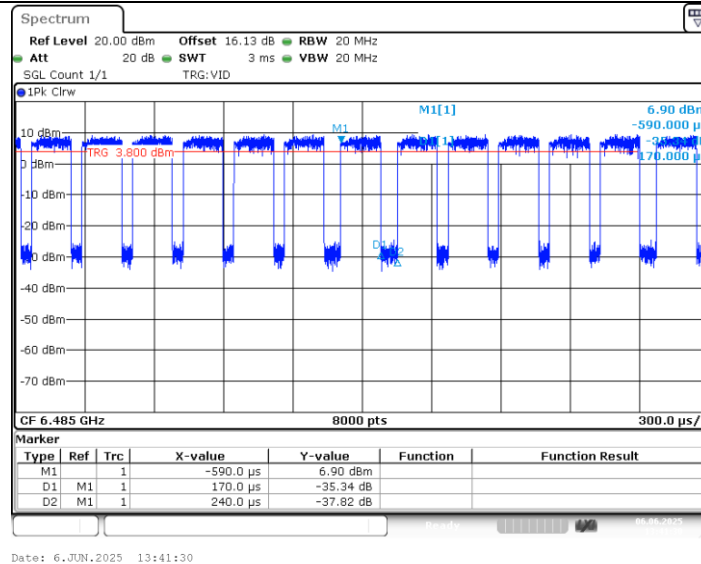
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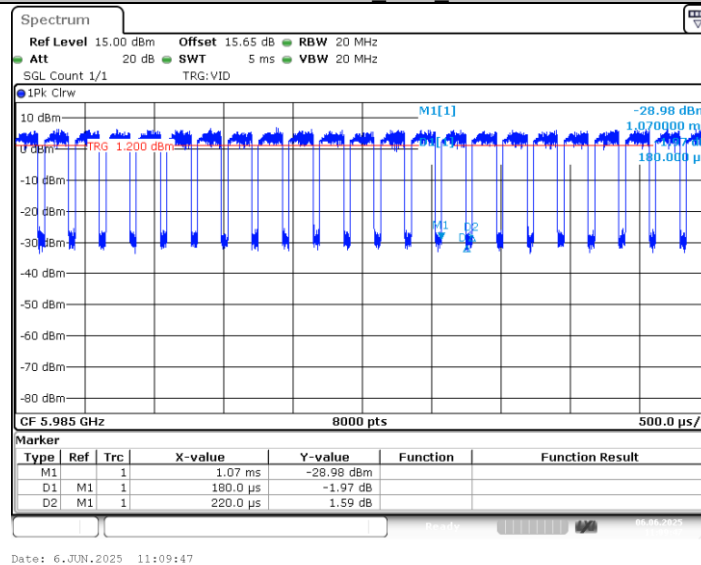
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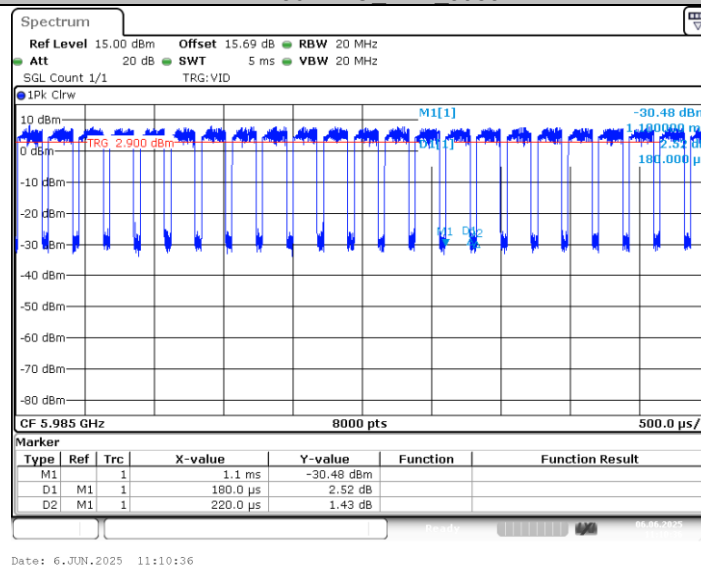
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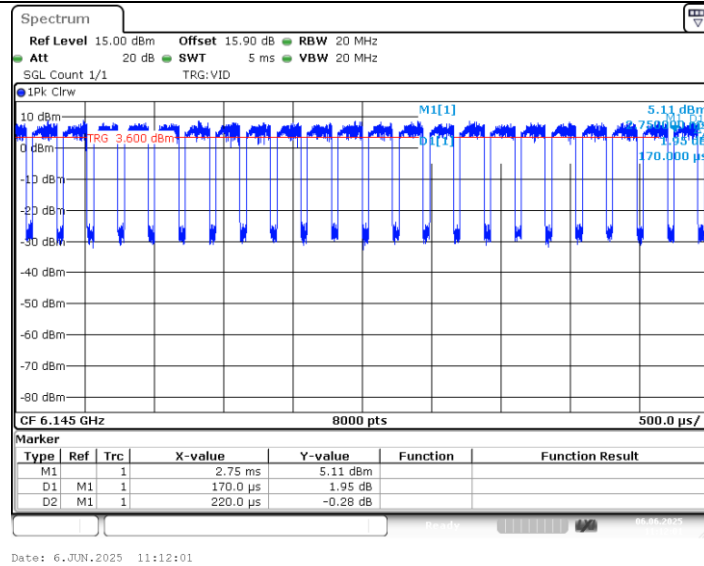
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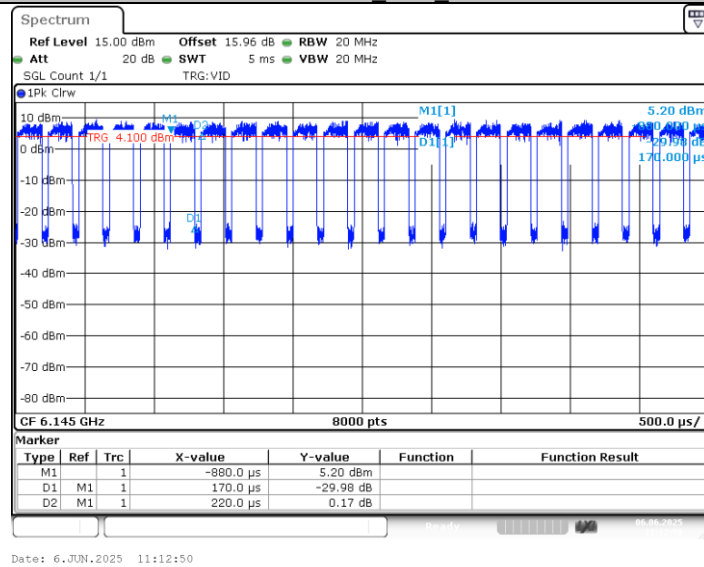
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150_A2

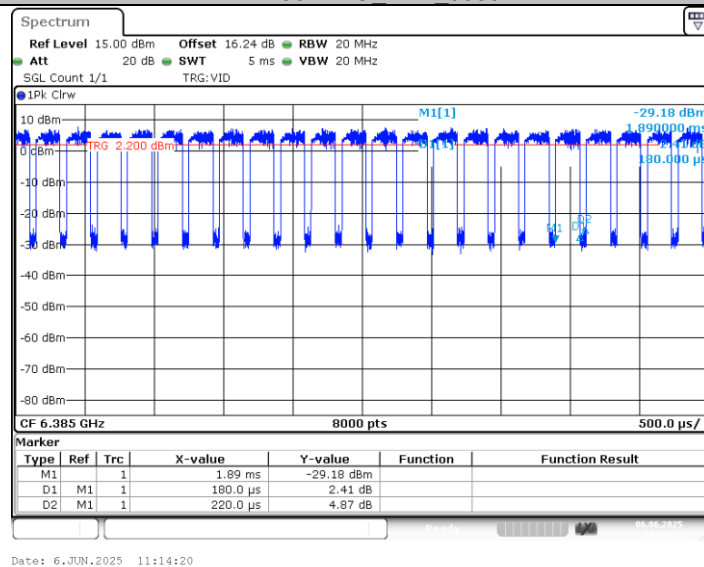
For anti-fake verification, please visit the official website of China Inspection And Testing
Society : yz.cncaq.com



11AX80MIMO_Ant2_6145



11AX80MIMO_Ant1_6385



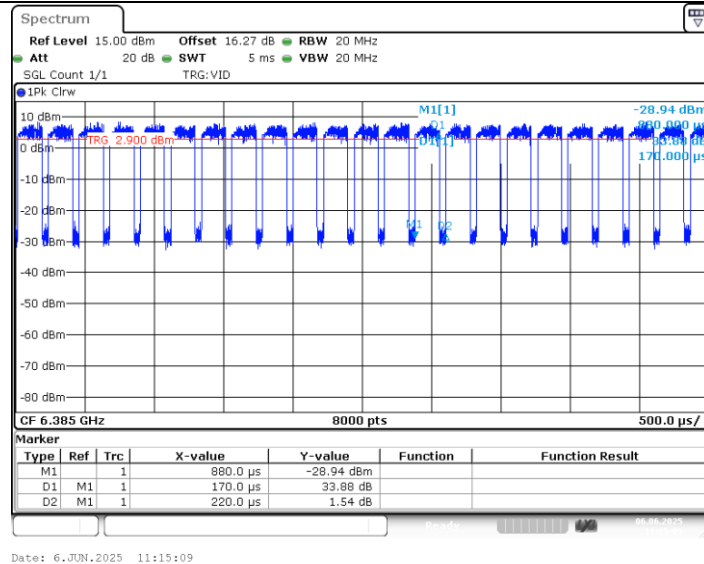
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CTC Laboratories, Inc.

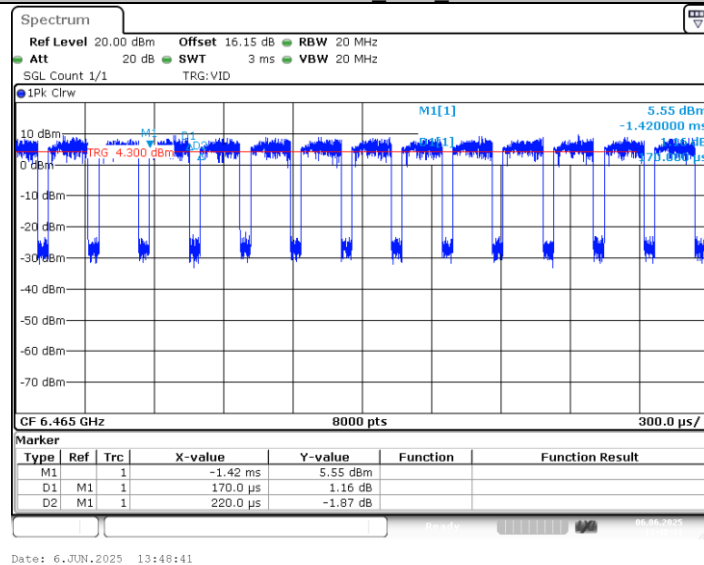
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,
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TRF No: CTC-TR-150_A2

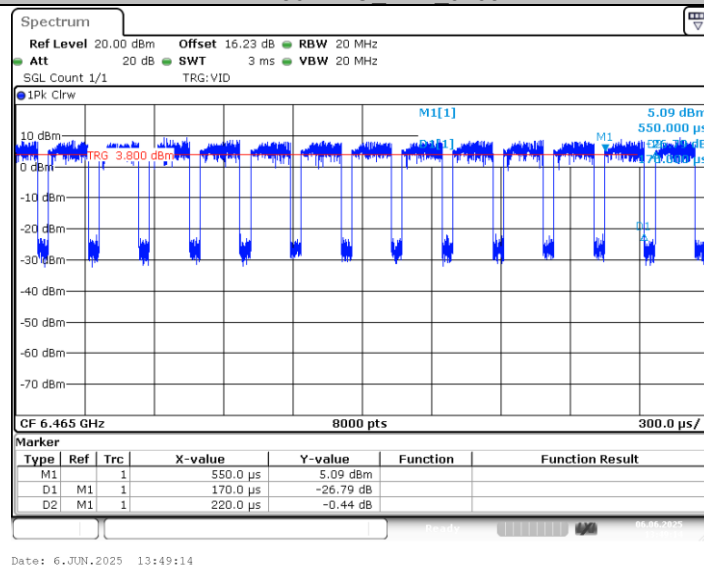
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11AX80MIMO_Ant1_6465



11AX80MIMO_Ant2_6465



11AX160MIMO_Ant1_6025