Product Name:AX1800 Gigabit Whole Home Mesh WiFi System	**Report No: ITEZA2-202400364RF2**
Product Model: Please refer to the Page 6 model list	**Security Classification: Open**
Version: V1.0	**Total Page:499**

TIRT Testing Report

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FCCRadio Test Report

FCC ID: 2BLJV-R-W62411

This report concerns:Original Grant

Applicant:	Shenzhen Dbit Network Equipment Co., Ltd
Address:	4002, Phase II, Qianhai Shimao Financial Center, No. 3040 Xinghai Avenue, Nanshan Street, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, China
Manufacturer:	Shenzhen Dbit Network Equipment Co., Ltd
Address:	4002, Phase II, Qianhai Shimao Financial Center, No. 3040 Xinghai Avenue, Nanshan Street, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, China
Factory:	Micronet Union Technology (Chengdu) Co., Ltd
Address:	No.2068, Aviation Kechuang Avenue, Hi-Tech Industrial Park, Xindu District, Chengdu, China
Sample No:	1000048055
Product Name:	AX1800 Gigabit Whole Home Mesh WiFi System
Brand Name:	N/A
Model No.:	Please refer to the Page 6 model list
Test No.:	D-MAX5

Date of Receipt:	2024/10/22
Date of Test:	2024/10/22~2024/12/17
Issued Date:	2024/12/18
Testing Lab:	TIRT

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
ITEZA2-202400364RF2	V1.0	Original Report.	2024.12.18	Valid

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	------
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	PASS	------
15.407(a)	MaximumOutput Power	APPENDIX F	PASS	------
15.407(a)	Power Spectral Density	APPENDIX G	PASS	------
15.407(g)	Frequency Stability	APPENDIX H	PASS	**NOTE (5)**
15.203	Antenna Requirements	------	PASS	**NOTE (2)**
15.407(c)	Automatically Discontinue Transmission	------	PASS	**NOTE (3)**

Note:
(1) "N/A" denotes test is not applicable in this test report.
(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
(3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving.the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
(4) For UNII-1 this device was functioned as a
☐Outdoor access point device
☐Indoor access point device
☐Fixed point-to-point access points device
☒Client device
(5) The manufacturer states that the frequency sability is in compliance with 15.407(g).
(6) Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart E

ANSI C63.4:2014, ANSI C63.10:2013

Model List

D-MAX1, D-MAX2, D-MAX3, D-MAX4, D-MAX5, D-MAX6, D-MAX7, D-MAX8, D-MAX9, D-MAX10, D-MAX11, D-MAX12, D-MAX13, D-MAX14, D-MAX15, D-MAX16, D-MAX17, D-MAX18, D-MAX19, D-MAX20, D-MAX21, D-MAX22, D-MAX23, D-MAX24, D-MAX25, D-MAX26, D-MAX27, D-MAX28, D-MAX29, D-MAX30, D-MAX31, D-MAX32, D-MAX33, D-MAX34, D-MAX35, D-MAX36, D-MAX37, D-MAX38, D-MAX39, D-MAX40, D-MAX41, D-MAX42, D-MAX43, D-MAX44, D-MAX45, D-MAX46, D-MAX47, D-MAX48, D-MAX49, D-MAX50

1.1 TEST FACILITY

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	104 Building C, Xinmingsheng Industrial Park No.132, Zhangge Old Village East Zone, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, Guangdong, P. R. China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab.Designation Number:	CN1366
FCC Test Firm Registration Number:	820690
Telephone:	+86-0755-27087573

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))
The TIRT measurement uncertainty as below table:

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	±142.12 KHz
RF power conducted	±0.74 dB
RF power radiated	±3.25dB
Spurious emissions, conducted	±1.78dB
Spurious emissions, radiated (30MHz～1GHz)	±4.6dB
Spurious emissions, radiated (1GHz ~ 18GHz)	±4.9dB
Conduction Emissions(150kHz~30MHz)	±3.1 dB
Humidity	±4.6%
Temperature	±0.7°C
Time	±1.25%

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25.1°C	52%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
Radiated Emissions-9kHz to 30MHz	24.5°C	50%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
Radiated Emissions-30MHz to 1000MHz	24.2°C	53%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
Radiated Emissions-Above 1000 MHz	26.0°C	53%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
Bandwidth	25.0°C	56%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
MaximumOutput Power	24.9°C	54%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang
Power Spectral Density	25.1°C	62%	DC 12V from SWITCHING POWER ADAPTER	Stone Tang

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1800 Gigabit Whole Home Mesh WiFi System
Brand Name	N/A
Test Model	D-MAX5
Series Model	Please refer to the Page 6 model list
Model Difference(s)	There is no difference except the structural housing of the model. All tests are made with the D-MAX5 model.
Software Version	V1.0.0
Hardware Version	V1.0
Power Rating	DC 12V from SWITCHING POWER ADAPTER
Operation FrequencyBand(s)	UNII-1: 5180 MHz~5240 MHz UNII-2A: 5260 MHz ~ 5320 MHz UNII-2C: 5500 MHz ~ 5700 MHz UNII-3: 5745 MHz~5825MHz
Modulation Type	IEEE 802.11n: OFDM (64QAM,16QAM,QPSK,BPSK) IEEE 802.11a: OFDM (64QAM,16QAM,QPSK,BPSK) IEEE802.11ac: OFDM (64QAM,16QAM, 256QAM,QPSK,BPSK) IEEE802.11ax:OFDMA(64QAM,16QAM,QPSK,BPSK,256QAM,1024QAM)
MaximumOutput Power _UNII-1	11ax80MIMO: 16.44dBm(0.044055W)
MaximumOutput Power _UNII-2A	11ax80MIMO: 15.70dBm(0.037154W)
MaximumOutput Power _UNII-2C	11n20MIMO: 14.06dBm(0.025468W)
MaximumOutput Power _UNII-3	11n20MIMO: 13.76dBm(0.023768W)

Note:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the user's manual.

2. Channel List:

IEEE 802.11a IEEE 802.11n20 IEEE 802.11ac20 IEEE 802.11ax20		IEEE 802.11n40 IEEE 802.11ac40 IEEE 802.11ax40		IEEE 802.11ac80 IEEE 802.11ax80	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n20 IEEE 802.11ac20 IEEE 802.11ax20		IEEE 802.11n40 IEEE 802.11ac40 IEEE 802.11ax40		IEEE 802.11ac80 IEEE 802.11ax80	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n20 IEEE 802.11ac20 IEEE 802.11ax20		IEEE 802.11n40 IEEE 802.11ac40 IEEE 802.11ax40		IEEE 802.11ac80 IEEE 802.11ax80	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
116	5580	110	5550	122	5610
136	5680				
140	5700				

IEEE 802.11a IEEE 802.11n20 IEEE 802.11ac20 IEEE 802.11ax20		IEEE 802.11n40 IEEE 802.11ac40 IEEE 802.11ax40		IEEE 802.11ac80 IEEE 802.11ax80	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Manufactured	Model Name	Antenna Type	Connector	Gain (dBi)
1	Shenzhen Free Walk Communication Technology Co.LTD	WalmartA X3000	FPC	N/A	3.94
2	Shenzhen Free Walk Communication Technology Co.LTD.	WalmartA X3000	FPC	N/A	3.86

Note:
1) The antenna gain is provided by the manufacturer.
2) The antenna is for testing and fixation purposes
3) The device supports WLAN MIMO CDD mode

4. Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(N_{ANT}/N_{SS}=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with

G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

Mode	ANT1(dBi)	ANT2(dBi)	DG for Power (dBi)	DG for PSD(dBi)	Power Limit Reduction (dBi)	PSD Limit Reduction (dBi)
5GWIFI	3.94	3.86	3.94	6.95	0	0.95

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

2.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX A ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 2	TX N20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 3	TX N40 Mode Channel 38/46 (UNII-1) SISO/MIMO
Mode 4	TX AC20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 5	TX AC40 ModeChannel 38/46 (UNII-1) SISO/MIMO
Mode 6	TX AC80 Mode Channel 42 (UNII-1) SISO/MIMO
Mode 7	TX A Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 8	TX N20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 9	TX N40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 10	TX AC20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 11	TX AC40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 12	TX AC80 Mode Channel 155 (UNII-3) SISO/MIMO
Mode 13	TX A Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 14	TX N20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 15	TX N40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 16	TX AC20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 17	TX AC40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 18	TX AC80 Mode Channel 58 (UNII-2A) SISO/MIMO
Mode 19	TX A Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 20	TX N20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 21	TX N40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 22	TX AC20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 23	TX AC40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 24	TX AC80 Mode Channel 106/122 (UNII-2C) SISO/MIMO
Mode 25	TX AX20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 26	TX AX40 ModeChannel 38/46 (UNII-1) SISO/MIMO
Mode 27	TX AX80 Mode Channel 42 (UNII-1) SISO/MIMO
Mode 28	TX AX20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 29	TX AX40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 30	TX AX80 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 31	TX AX20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 32	TX AX40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 33	TX AX80 Mode Channel 106/122 (UNII-2C) SISO/MIMO
Mode 34	TX AX20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 35	TX AX40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 36	TX AX80 Mode Channel 155 (UNII-3) SISO/MIMO

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 18	TX AC80 Mode Channel 58 (UNII-2A) MIMO

Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 18	TX AC80 Mode Channel 58 (UNII-2A) MIMO

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 25	TX AX20 Mode Channel 36/40/48 (UNII-1) MIMO
Mode 16	TX AC20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 22	TX AC20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 10	TX AC20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO

Final conducted RF Test Mode	Description
Mode 1	TX A ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 2	TX N20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 3	TX N40 Mode Channel 38/46 (UNII-1) SISO/MIMO
Mode 4	TX AC20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO
Mode 5	TX AC40 ModeChannel 38/46 (UNII-1) SISO/MIMO
Mode 6	TX AC80 Mode Channel 42 (UNII-1) SISO/MIMO
Mode 7	TX A Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 8	TX N20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 9	TX N40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 10	TX AC20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 11	TX AC40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 12	TX AC80 Mode Channel 155 (UNII-3) SISO/MIMO
Mode 13	TX A Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 14	TX N20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 15	TX N40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 16	TX AC20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 17	TX AC40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 18	TX AC80 Mode Channel 58 (UNII-2A) SISO/MIMO
Mode 19	TX A Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 20	TX N20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 21	TX N40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 22	TX AC20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 23	TX AC40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 24	TX AC80 Mode Channel 106/122 (UNII-2C) SISO/MIMO
Mode 25	TX AX20 ModeChannel 36/40/48 (UNII-1) SISO/MIMO

Mode 26	TX AX40 ModeChannel 38/46 (UNII-1) SISO/MIMO
Mode 27	TX AX80 Mode Channel 42 (UNII-1) SISO/MIMO
Mode 28	TX AX20 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 29	TX AX40 Mode Channel 54/62 (UNII-2A) SISO/MIMO
Mode 30	TX AX80 Mode Channel 52/60/64 (UNII-2A) SISO/MIMO
Mode 31	TX AX20 Mode Channel 100/116/140 (UNII-2C) SISO/MIMO
Mode 32	TX AX40 Mode Channel 102/110/134 (UNII-2C) SISO/MIMO
Mode 33	TX AX80 Mode Channel 106/122 (UNII-2C) SISO/MIMO
Mode 34	TX AX20 Mode Channel 149/157/165 (UNII-3) SISO/MIMO
Mode 35	TX AX40 Mode Channel 151/159 (UNII-3) SISO/MIMO
Mode 36	TX AX80 Mode Channel 155 (UNII-3) SISO/MIMO

Note:

(1) For AC power line conducted emissions andradiated emission below 1 GHz test, the TX AC80 Mode Channel 58 (UNII-2A) MIMO is found to be the worst case and recorded.

(2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.

(3) All the bit rate of transmitter have been tested and found the lowest rate is found tobe the worst case and recorded.

2.3DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.
The output power = measured power + duty factor.
The power spectral density = measured power spectral density + duty factor.

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.43	97.20
	Ant2	5180	0.18	0.22	81.82
	Ant1	5200	1.40	1.43	97.90
	Ant2	5200	1.39	1.42	97.89
	Ant1	5240	1.40	1.43	97.90
	Ant2	5240	1.39	1.43	97.20
	Ant1	5260	1.39	1.43	97.20
	Ant2	5260	1.40	1.43	97.90
	Ant1	5280	1.40	1.43	97.90
	Ant2	5280	1.39	1.43	97.20
	Ant1	5320	1.39	1.43	97.20
	Ant2	5320	1.39	1.42	97.89
	Ant1	5500	1.39	1.43	97.20
	Ant2	5500	1.39	1.43	97.20
	Ant1	5580	1.39	1.43	97.20
	Ant2	5580	1.39	1.43	97.20
	Ant1	5700	1.40	1.43	97.90
	Ant2	5700	1.39	1.43	97.20
	Ant1	5745	1.39	1.43	97.20
	Ant2	5745	1.38	1.43	96.50
	Ant1	5785	1.39	1.43	97.20
	Ant2	5785	1.39	1.43	97.20
	Ant1	5825	1.40	1.43	97.90
	Ant2	5825	1.40	1.43	97.90
11N20MIMO	Ant1	5180	0.16	0.20	80.00
	Ant2	5180	0.17	0.20	85.00
	Ant1	5200	0.16	0.20	80.00
	Ant2	5200	0.17	0.20	85.00
	Ant1	5240	0.16	0.20	80.00
	Ant2	5240	0.17	0.20	85.00
	Ant1	5260	0.17	0.20	85.00
	Ant2	5260	0.17	0.20	85.00
	Ant1	5300	0.17	0.20	85.00
	Ant2	5300	0.17	0.20	85.00
	Ant1	5320	0.17	0.20	85.00
	Ant2	5320	0.17	0.20	85.00
	Ant1	5500	0.16	0.20	80.00
	Ant2	5500	0.16	0.20	80.00
	Ant1	5600	0.17	0.20	85.00
	Ant2	5600	0.16	0.20	80.00
	Ant1	5700	0.17	0.20	85.00
	Ant2	5700	0.17	0.20	85.00
	Ant1	5745	0.17	0.20	85.00
	Ant2	5745	0.17	0.20	85.00
	Ant1	5785	0.16	0.20	80.00
	Ant2	5785	0.16	0.20	80.00
	Ant1	5825	0.17	0.20	85.00
	Ant2	5825	0.17	0.20	85.00
11N40MIMO	Ant1	5190	0.10	0.14	71.43
	Ant2	5190	0.10	0.13	76.92
	Ant1	5230	0.10	0.13	76.92
	Ant2	5230	0.10	0.14	71.43
	Ant1	5270	0.10	0.14	71.43
	Ant2	5270	0.10	0.17	58.82
	Ant1	5310	0.10	0.13	76.92
	Ant2	5310	0.10	0.14	71.43
	Ant1	5510	0.10	0.14	71.43
	Ant2	5510	0.10	0.14	71.43
	Ant1	5590	0.10	0.13	76.92

	Ant2	5590	0.10	0.16	62.50
	Ant1	5670	0.10	0.14	71.43
	Ant2	5670	0.10	0.14	71.43
	Ant1	5755	0.10	0.13	76.92
	Ant2	5755	0.10	0.16	62.50
	Ant1	5795	0.10	0.14	71.43
	Ant2	5795	0.10	0.15	66.67
11AC20MIMO	Ant1	5180	0.17	0.21	80.95
	Ant2	5180	0.17	0.21	80.95
	Ant1	5200	0.17	0.21	80.95
	Ant2	5200	0.17	0.20	85.00
	Ant1	5240	0.17	0.21	80.95
	Ant2	5240	0.17	0.21	80.95
	Ant1	5260	0.17	0.20	85.00
	Ant2	5260	0.17	0.21	80.95
	Ant1	5300	0.17	0.21	80.95
	Ant2	5300	0.16	0.20	80.00
	Ant1	5320	0.17	0.21	80.95
	Ant2	5320	0.17	0.20	85.00
	Ant1	5500	0.16	0.20	80.00
	Ant2	5500	0.17	0.21	80.95
	Ant1	5600	0.17	0.21	80.95
	Ant2	5600	0.17	0.20	85.00
	Ant1	5700	0.17	0.20	85.00
	Ant2	5700	0.16	0.20	80.00
	Ant1	5745	0.17	0.20	85.00
	Ant2	5745	0.16	0.20	80.00
	Ant1	5785	0.17	0.20	85.00
	Ant2	5785	0.17	0.21	80.95
	Ant1	5825	0.17	0.21	80.95
	Ant2	5825	0.17	0.20	85.00
11AC40MIMO	Ant1	5190	0.11	0.14	78.57
	Ant2	5190	0.10	0.14	71.43
	Ant1	5230	0.10	0.14	71.43
	Ant2	5230	0.10	0.14	71.43
	Ant1	5270	0.10	0.14	71.43
	Ant2	5270	0.10	0.14	71.43
	Ant1	5310	0.10	0.14	71.43
	Ant2	5310	0.10	0.14	71.43
	Ant1	5510	0.10	0.14	71.43
	Ant2	5510	0.11	0.14	78.57
	Ant1	5590	0.10	0.14	71.43
	Ant2	5590	0.10	0.14	71.43
	Ant1	5670	0.10	0.14	71.43
	Ant2	5670	0.10	0.14	71.43
	Ant1	5755	0.10	0.14	71.43
	Ant2	5755	0.10	0.14	71.43
	Ant1	5795	0.11	0.14	78.57
	Ant2	5795	0.11	0.27	40.74
11AC80MIMO	Ant1	5210	0.08	0.21	38.10
	Ant2	5210	0.07	0.13	53.85
	Ant1	5290	0.08	0.11	72.73
	Ant2	5290	0.07	0.12	58.33
	Ant1	5530	0.07	0.11	63.64
	Ant2	5530	0.07	0.11	63.64
	Ant1	5610	0.07	0.14	50.00
	Ant2	5610	0.07	0.11	63.64
	Ant1	5775	0.07	0.14	50.00
	Ant2	5775	0.07	0.17	41.18
11AX20MIMO	Ant1	5180	0.17	0.20	85.00
	Ant2	5180	0.17	0.21	80.95
	Ant1	5200	0.17	0.21	80.95
	Ant2	5200	0.17	0.21	80.95
	Ant1	5240	0.17	0.20	85.00
	Ant2	5240	0.17	0.20	85.00
	Ant1	5260	0.17	0.21	80.95
	Ant2	5260	0.17	0.20	85.00

	Ant1	5300	0.17	0.21	80.95
	Ant2	5300	0.17	0.20	85.00
	Ant1	5320	0.17	0.20	85.00
	Ant2	5320	0.17	0.21	80.95
	Ant1	5500	0.16	0.20	80.00
	Ant2	5500	0.16	0.20	80.00
	Ant1	5600	0.17	0.21	80.95
	Ant2	5600	0.17	0.20	85.00
	Ant1	5700	0.17	0.21	80.95
	Ant2	5700	0.17	0.21	80.95
	Ant1	5745	0.17	0.21	80.95
	Ant2	5745	0.17	0.21	80.95
	Ant1	5785	0.17	0.20	85.00
	Ant2	5785	0.17	0.21	80.95
	Ant1	5825	0.17	0.21	80.95
	Ant2	5825	0.17	0.21	80.95
11AX40MIMO	Ant1	5190	0.11	0.14	78.57
	Ant2	5190	0.11	0.14	78.57
	Ant1	5230	0.10	0.14	71.43
	Ant2	5230	0.10	0.14	71.43
	Ant1	5270	0.10	0.14	71.43
	Ant2	5270	0.10	0.14	71.43
	Ant1	5310	0.10	0.14	71.43
	Ant2	5310	0.10	0.14	71.43
	Ant1	5510	0.10	0.14	71.43
	Ant2	5510	0.10	0.14	71.43
	Ant1	5590	0.11	0.14	78.57
	Ant2	5590	0.10	0.14	71.43
	Ant1	5670	0.10	0.14	71.43
	Ant2	5670	0.10	0.14	71.43
	Ant1	5755	0.10	0.14	71.43
	Ant2	5755	0.11	0.14	78.57
	Ant1	5795	0.10	0.14	71.43
	Ant2	5795	0.10	0.14	71.43
11AX80MIMO	Ant1	5210	0.07	0.16	43.75
	Ant2	5210	0.07	0.16	43.75
	Ant1	5290	0.08	0.11	72.73
	Ant2	5290	0.07	0.16	43.75
	Ant1	5530	0.07	0.15	46.67
	Ant2	5530	0.08	0.11	72.73
	Ant1	5610	0.07	0.17	41.18
	Ant2	5610	0.07	0.10	70.00
	Ant1	5775	0.07	0.16	43.75
	Ant2	5775	0.07	0.19	36.84

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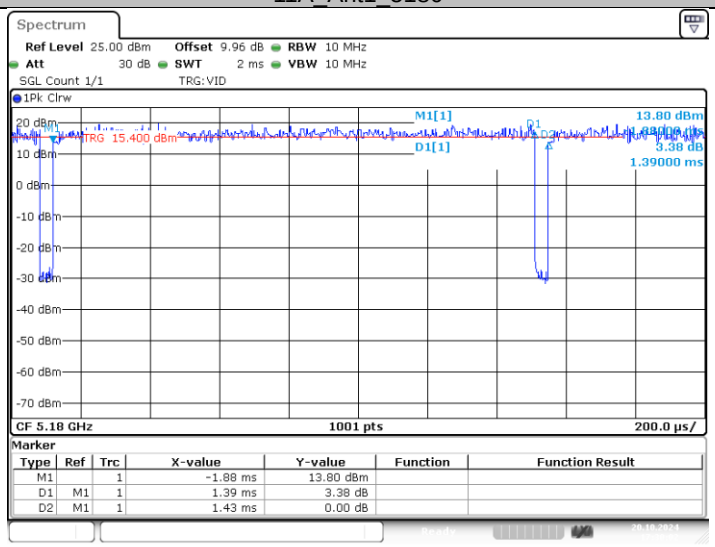

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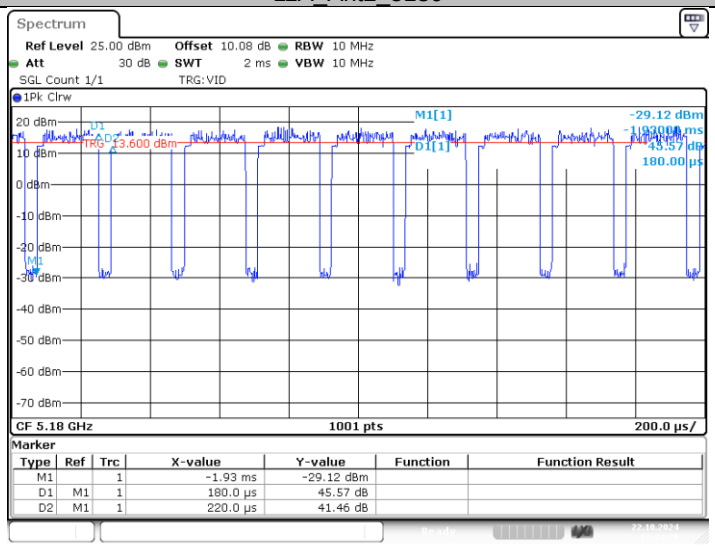

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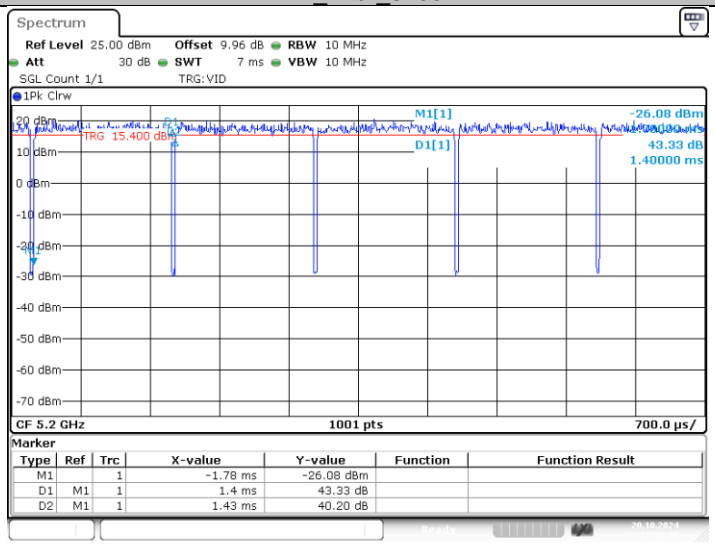

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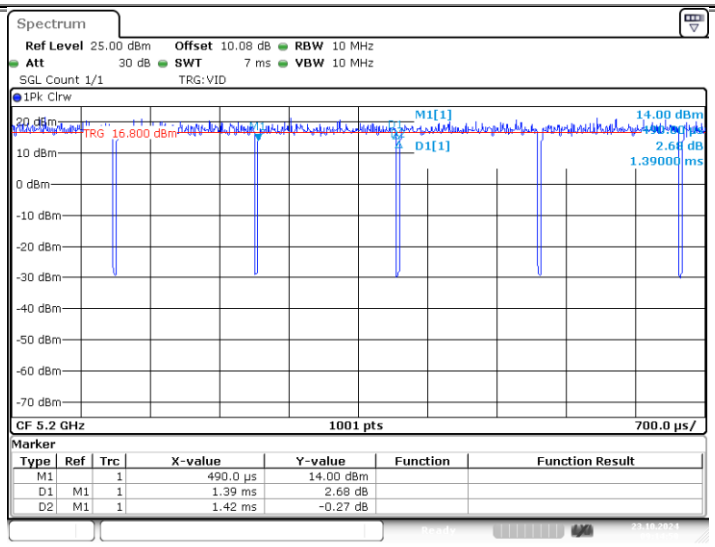

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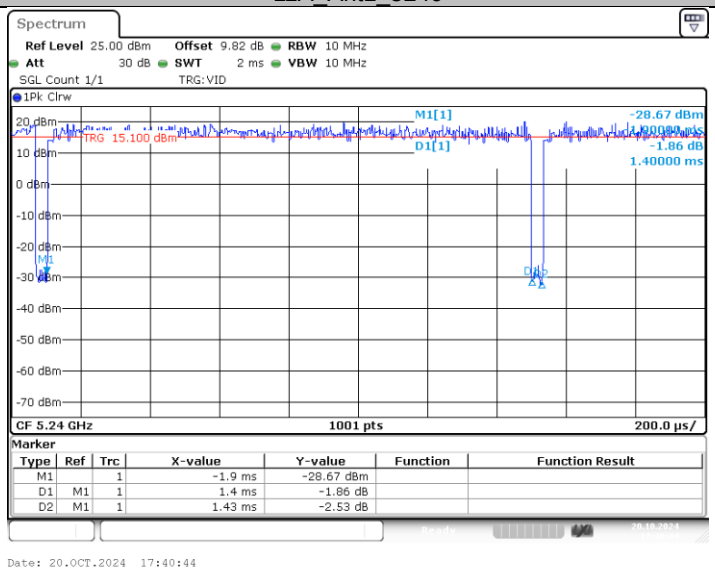

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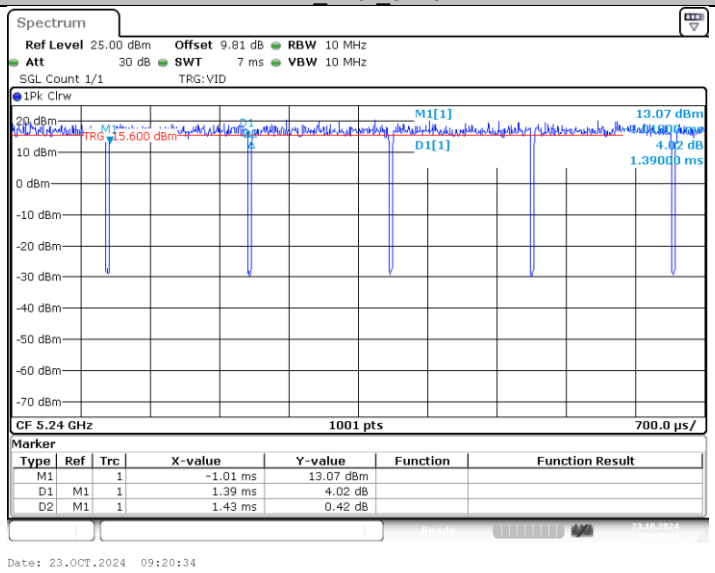

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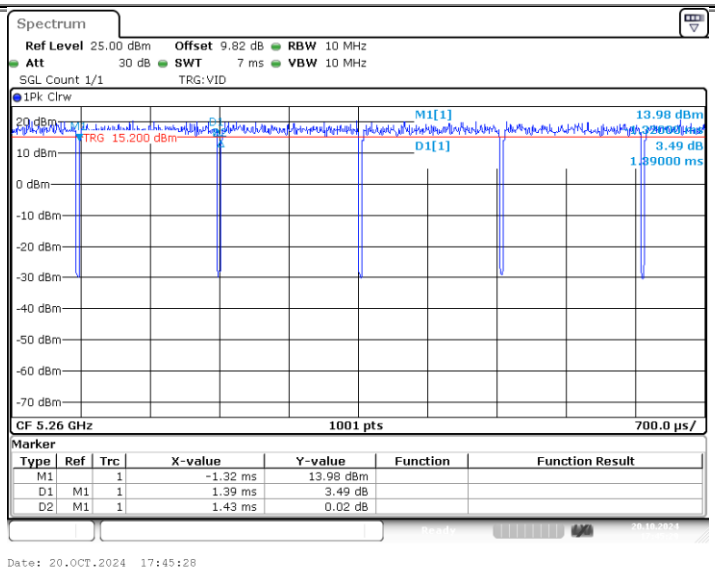

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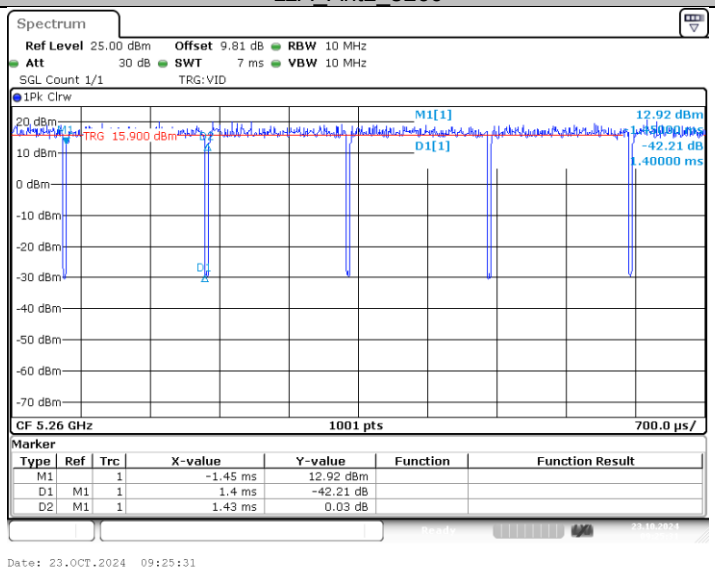

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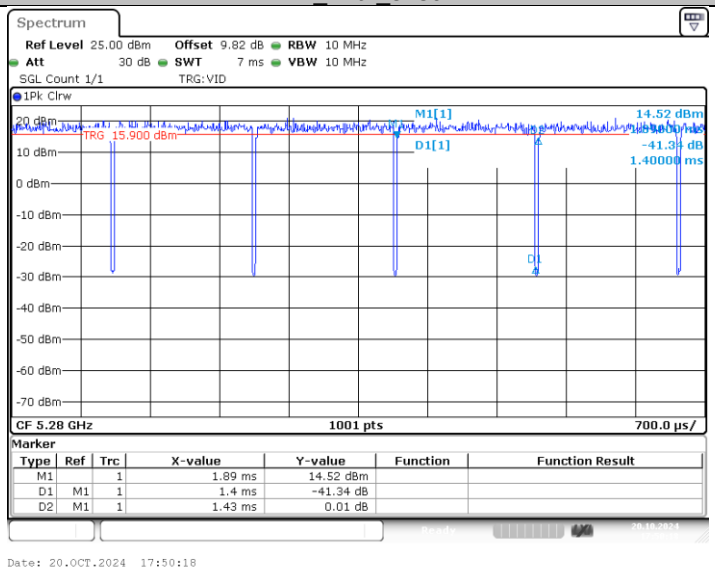

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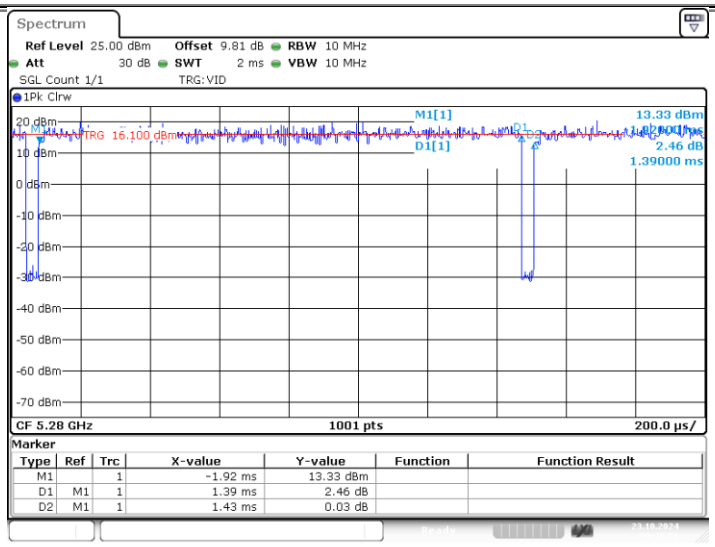

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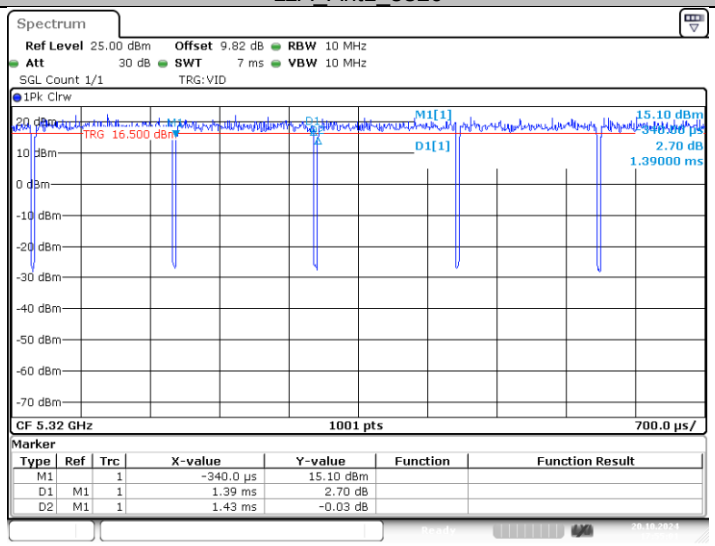

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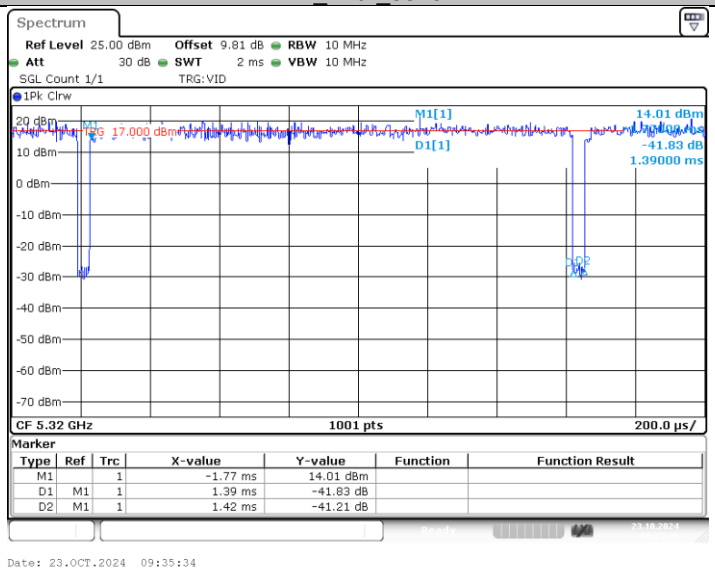

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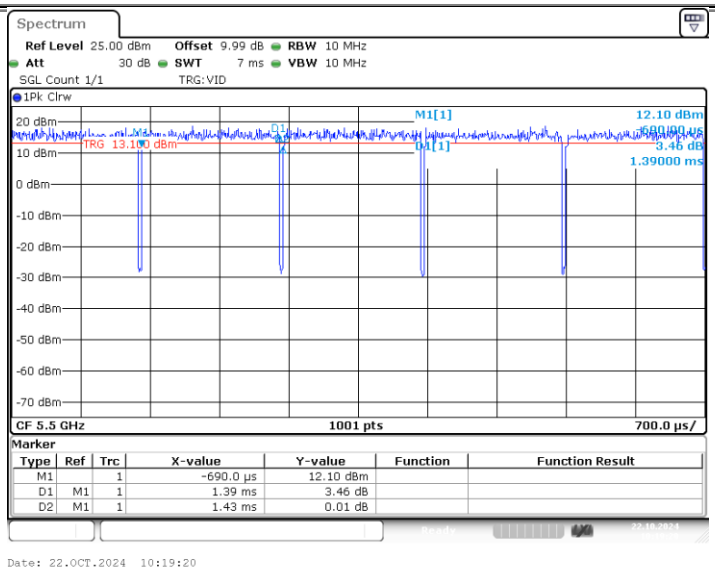

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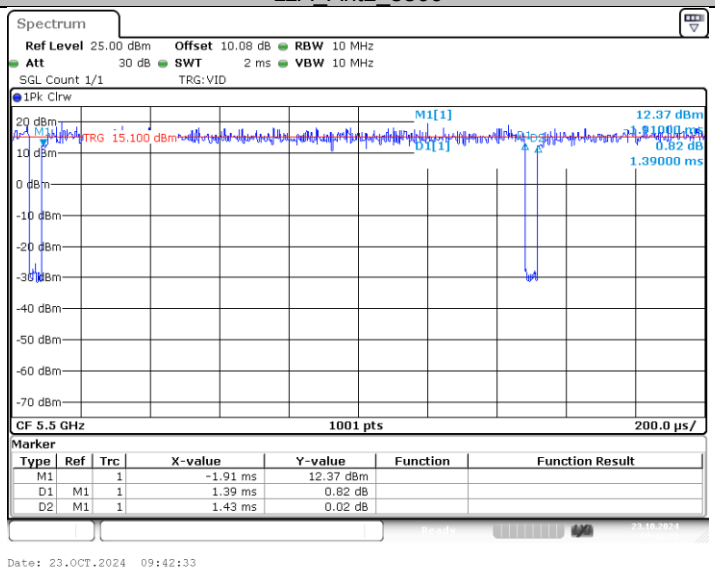

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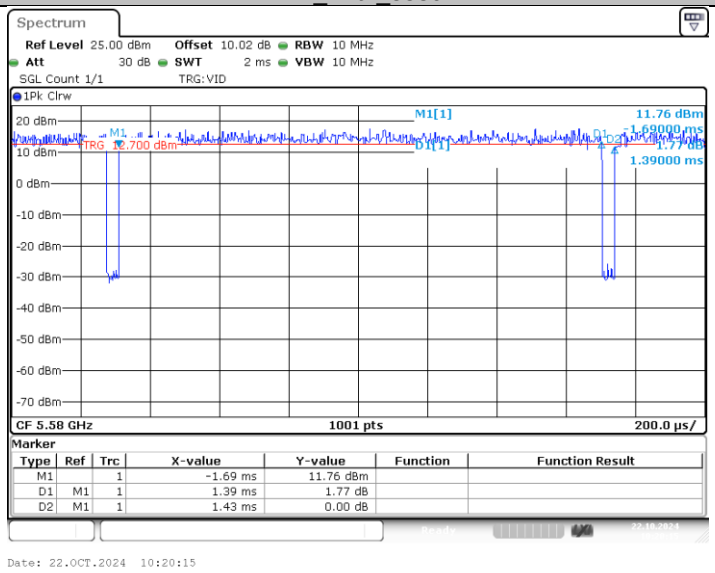

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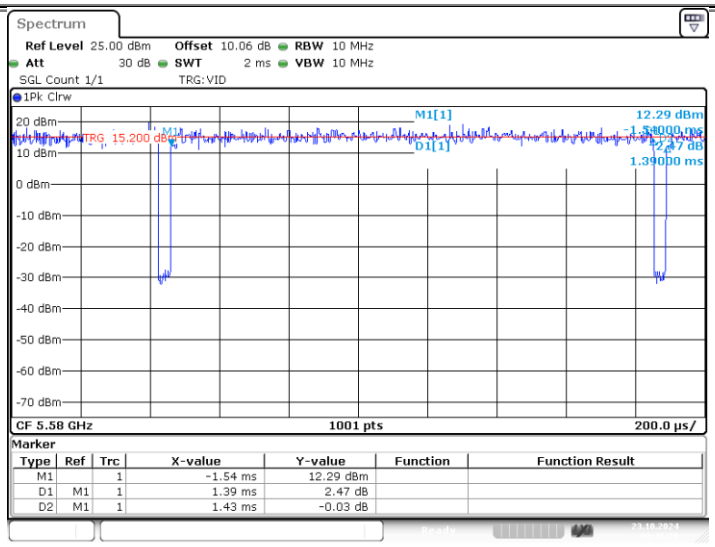

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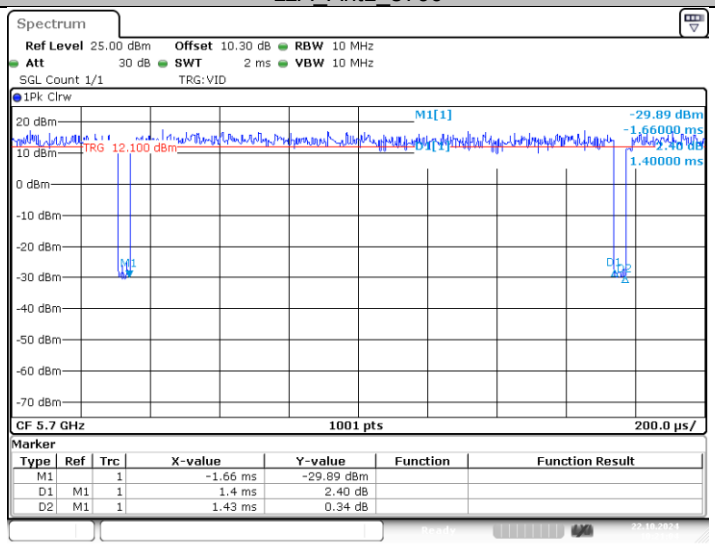

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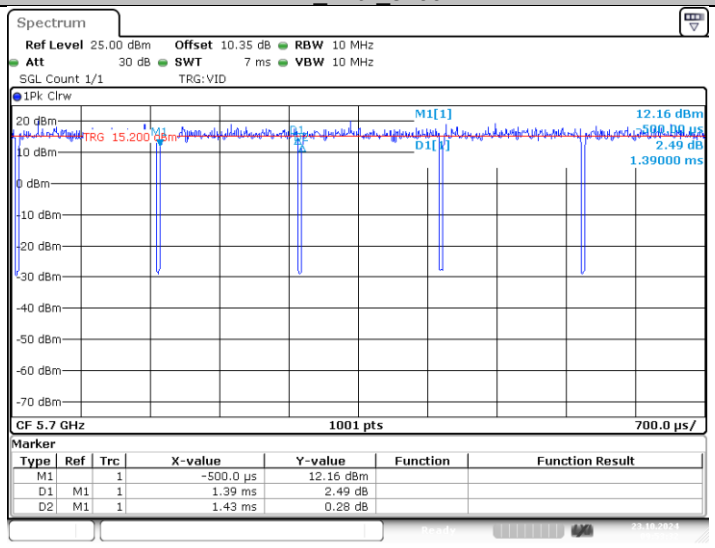

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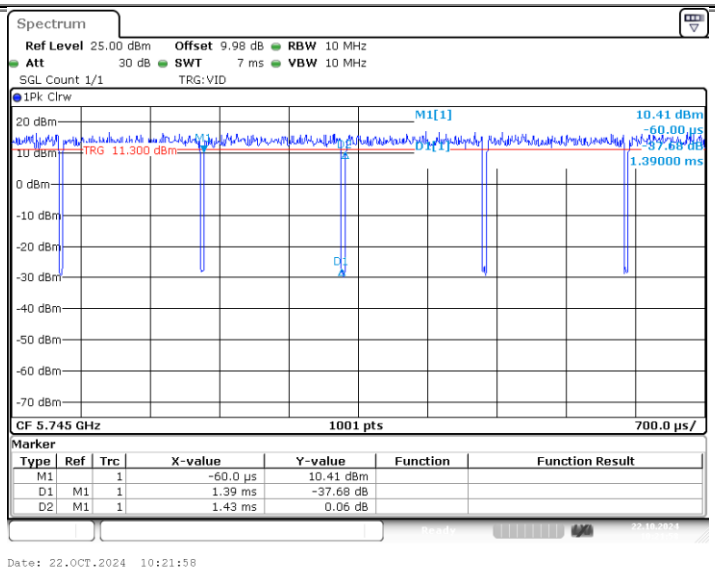

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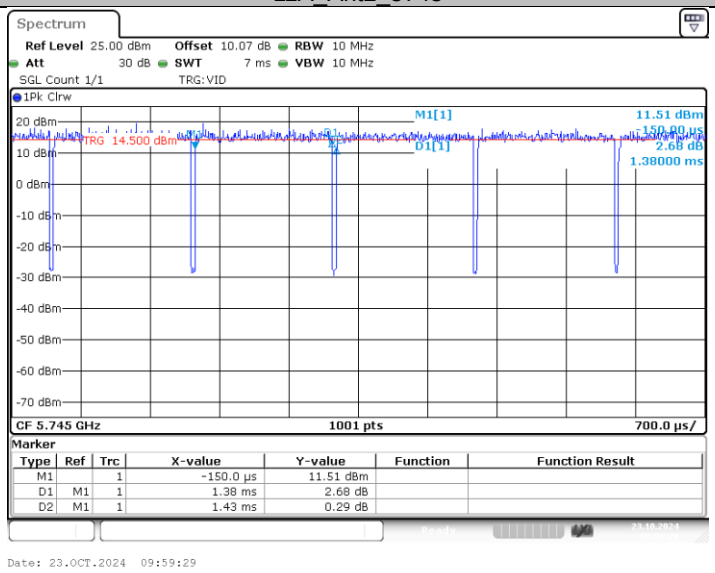

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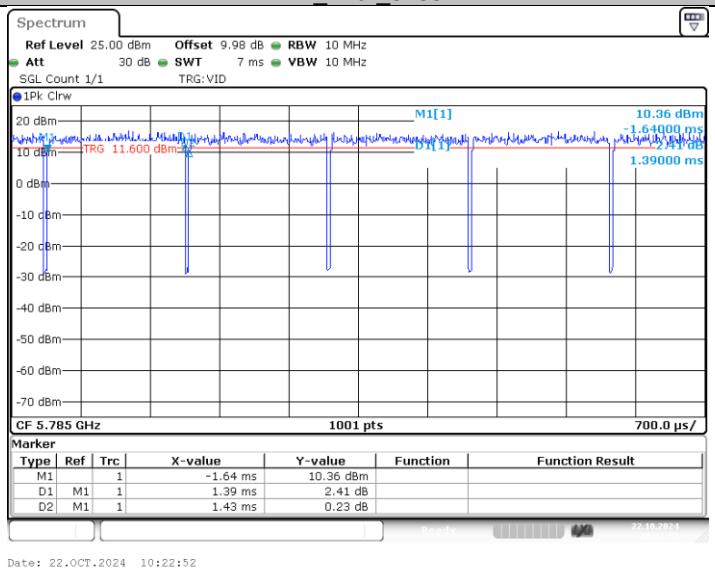

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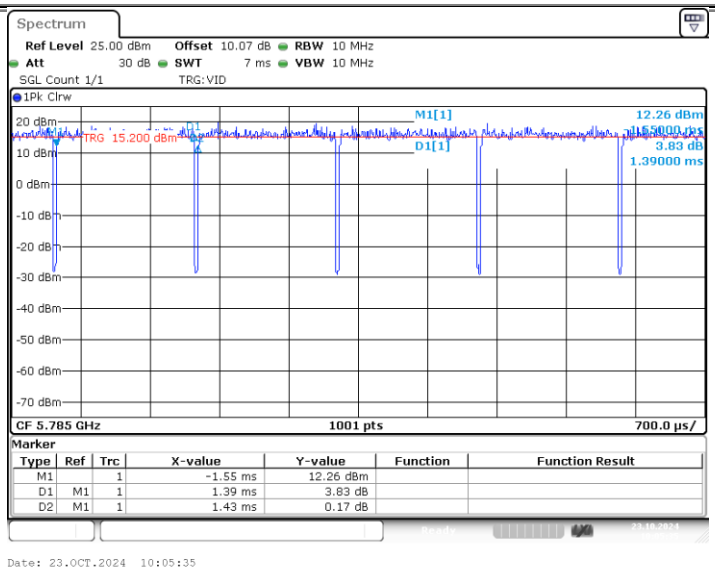

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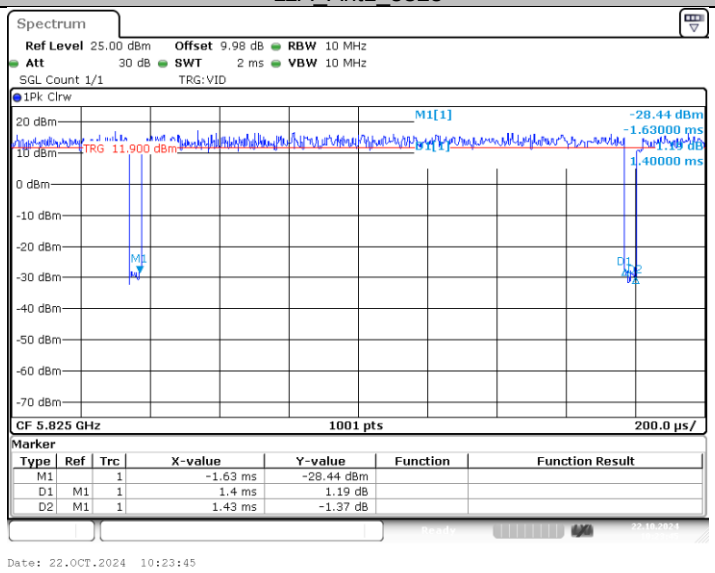

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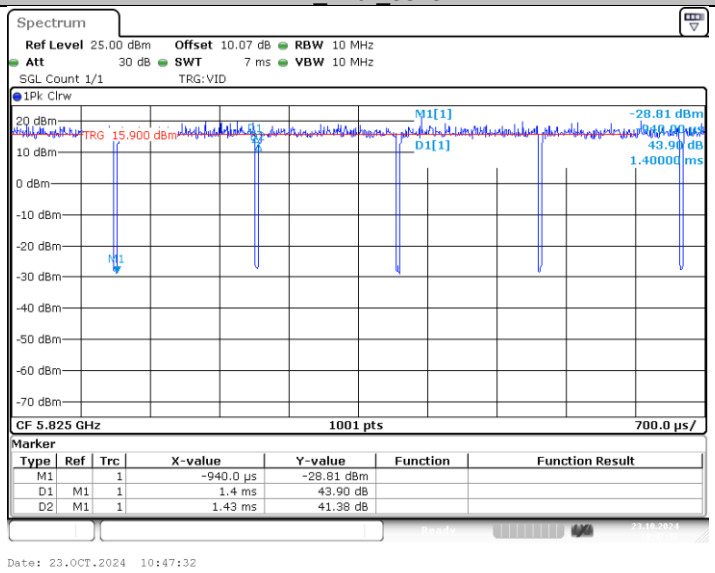

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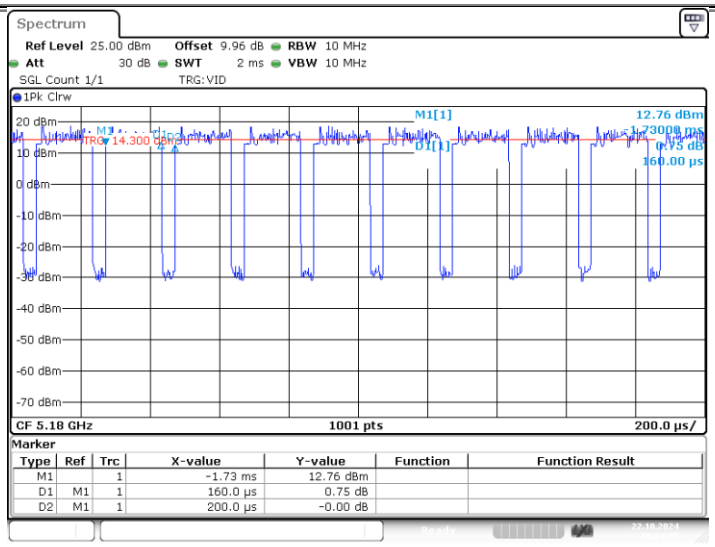

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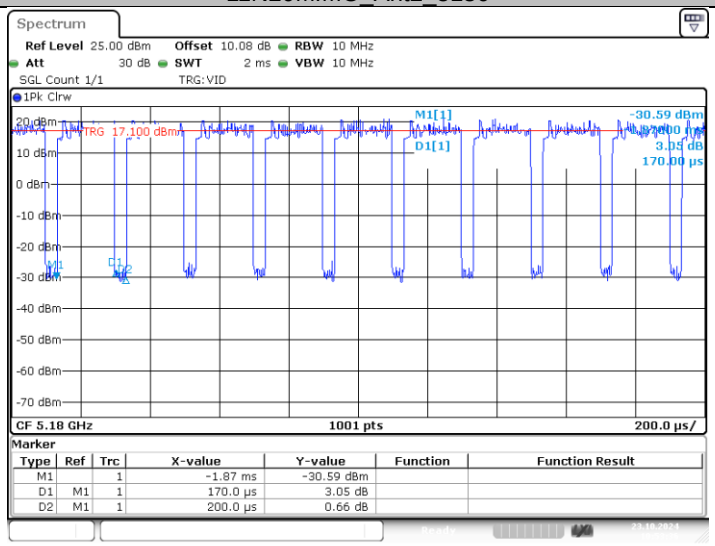

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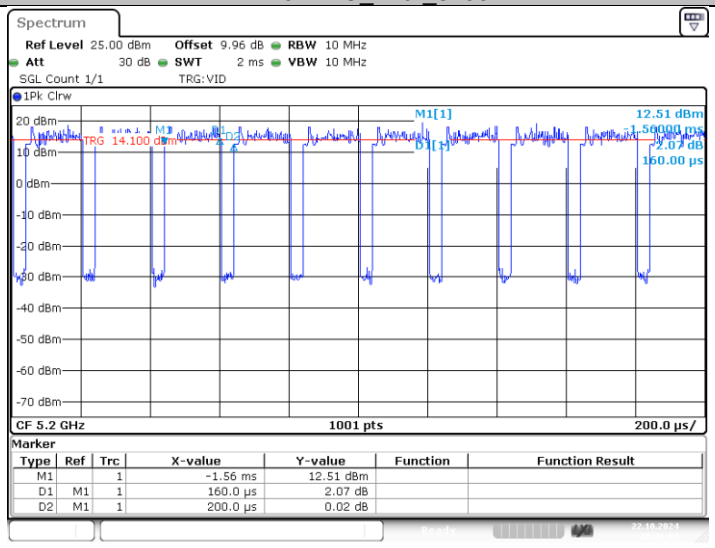

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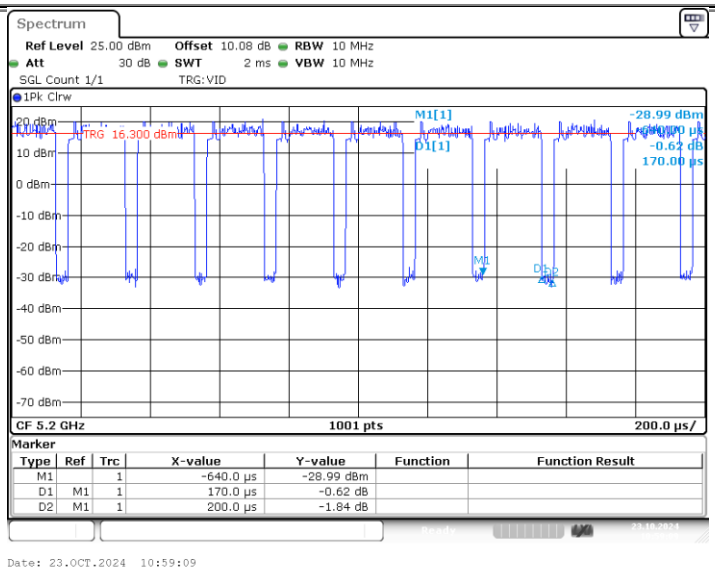

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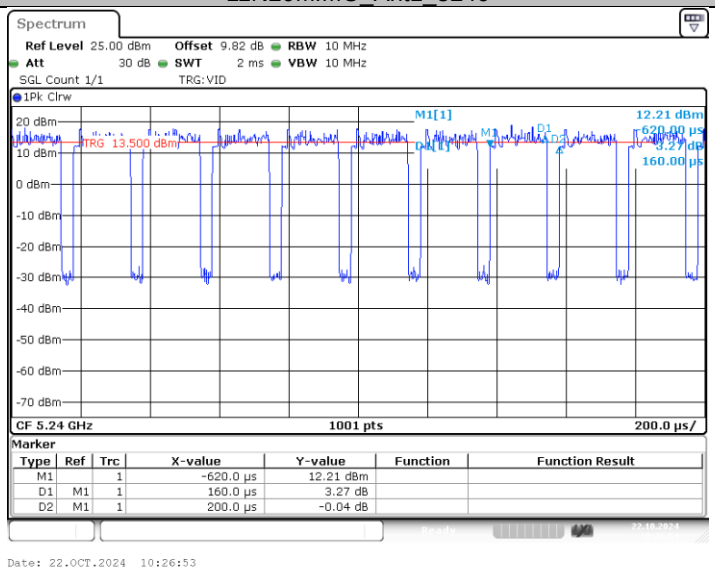

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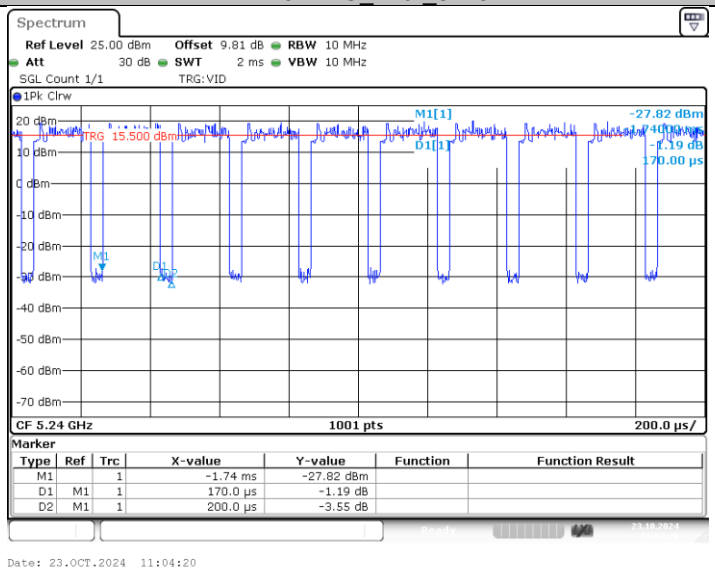

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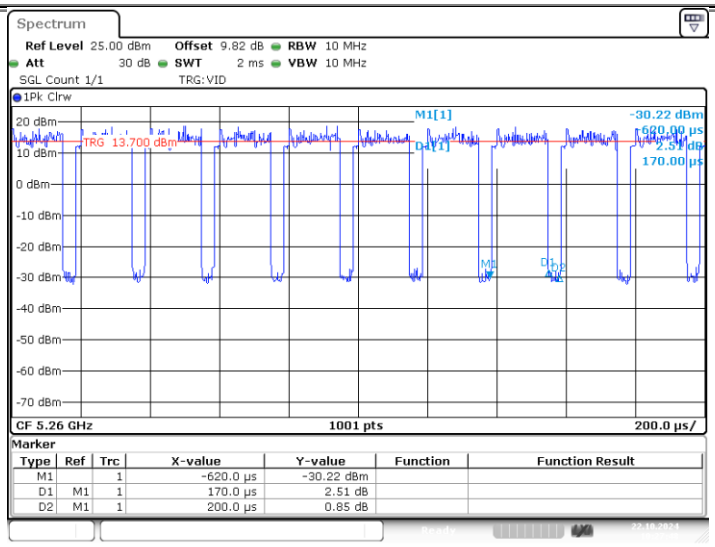

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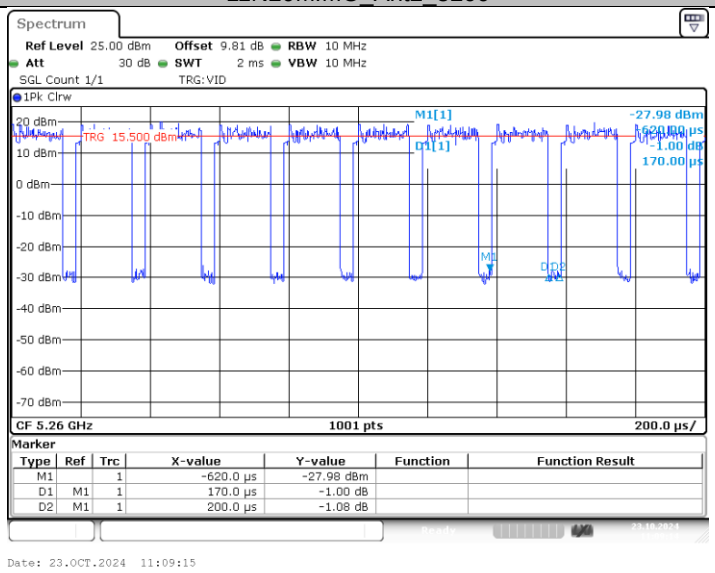

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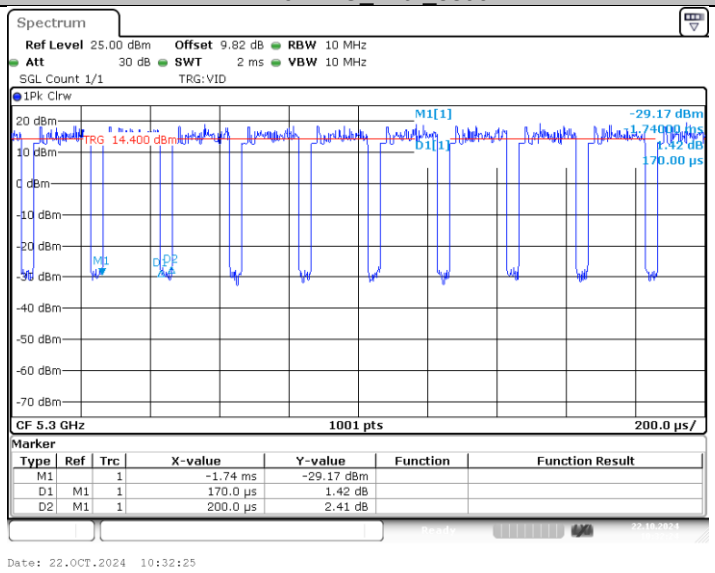

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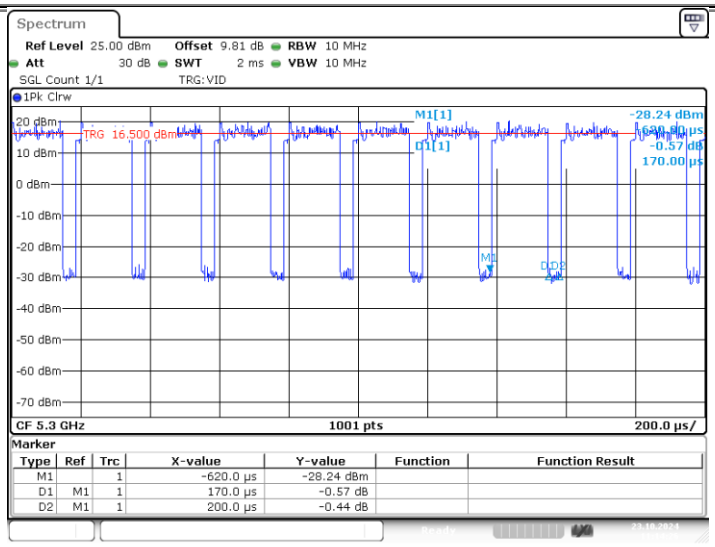

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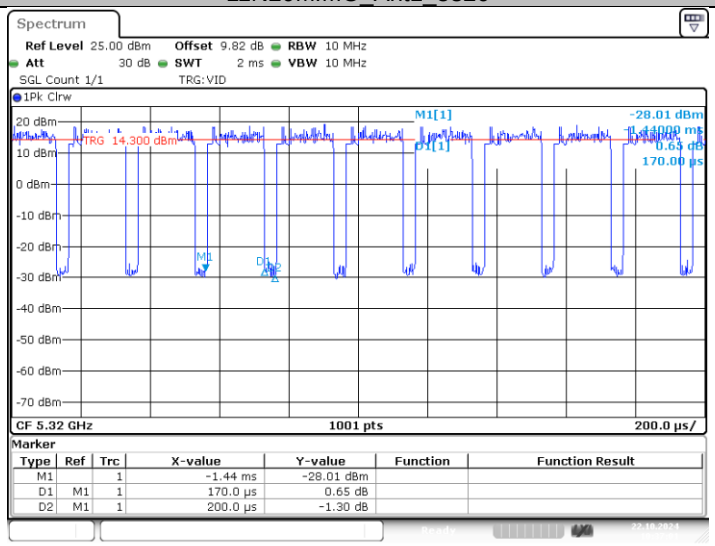

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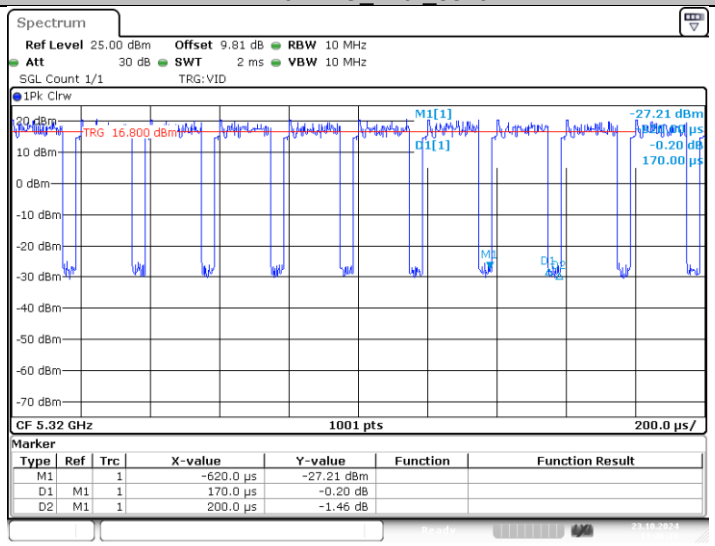

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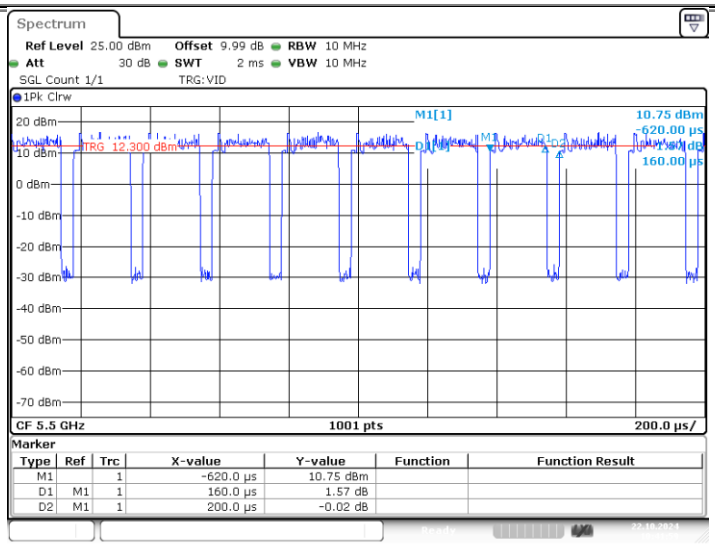

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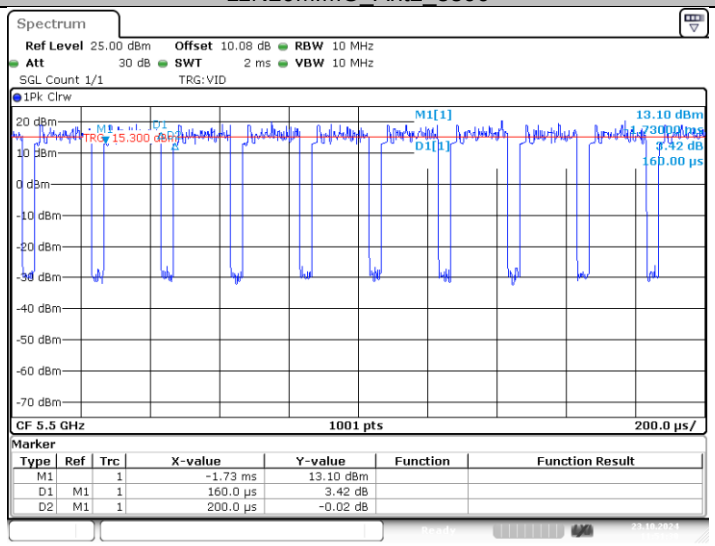

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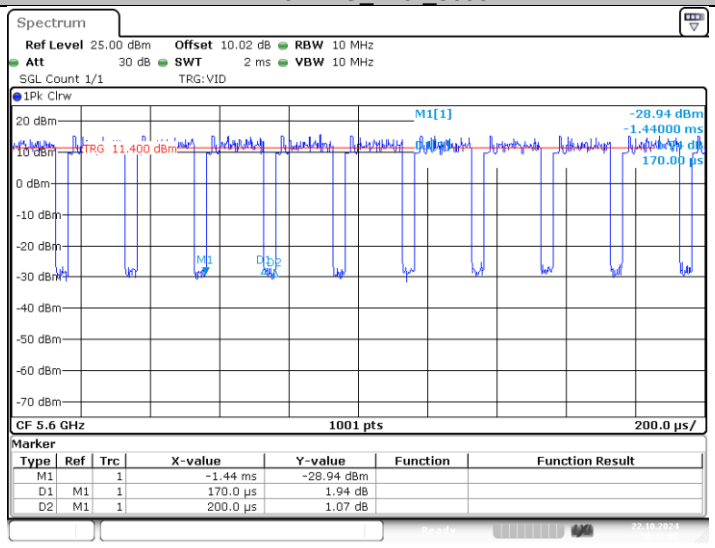

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