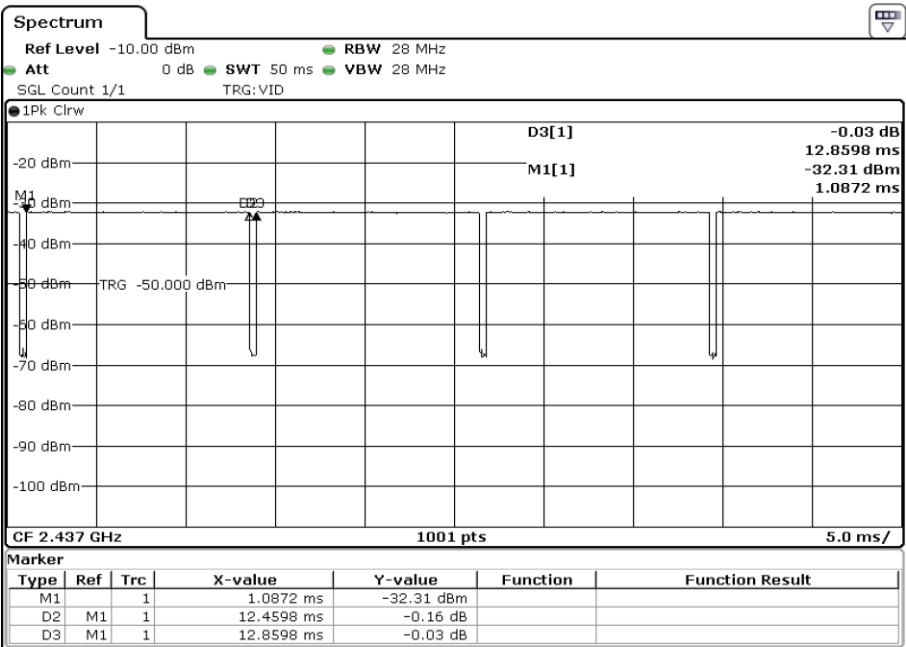


Appendix Data

1. DUTY CYCLE.....	2
2. MINIMUM 6 DB BANDWIDTH.....	18
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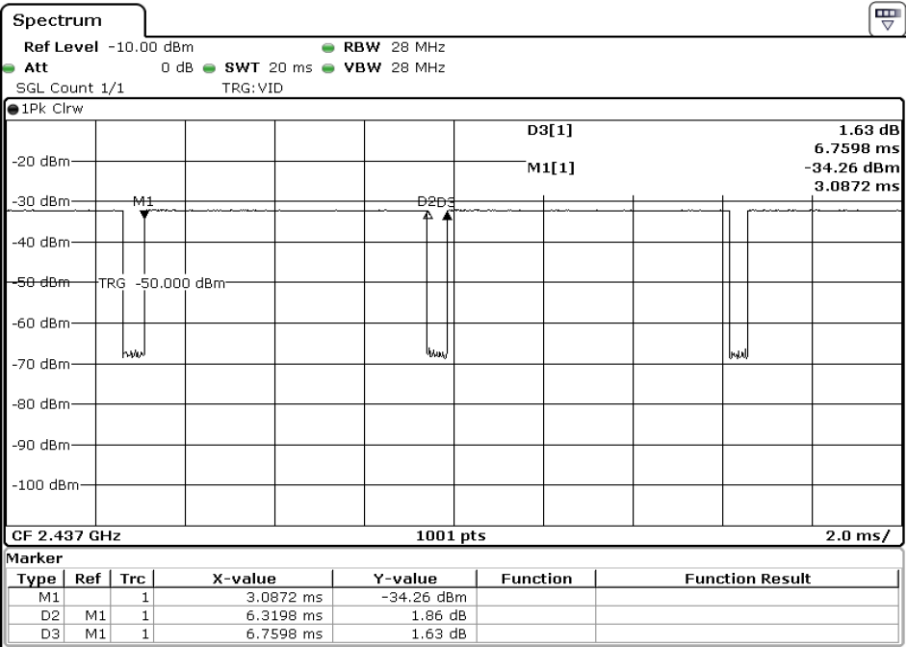
Test Band				WLAN_2.4GHz			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Rate	Bandwidthh	RU Tone	RB index	Verdict
Duty Cycle	1	802.11 b	1	20 MHz	-	-	Pass
	2	802.11 b	2	20 MHz	-	-	Pass
	3	802.11 b	5.5	20 MHz	-	-	Pass
	4	802.11 b	11	20 MHz	-	-	Pass
	5	802.11 g	6	20 MHz	-	-	Pass
	6	802.11 g	9	20 MHz	-	-	Pass
	7	802.11 g	12	20 MHz	-	-	Pass
	8	802.11 g	18	20 MHz	-	-	Pass
	9	802.11 g	24	20 MHz	-	-	Pass
	10	802.11 g	36	20 MHz	-	-	Pass
	11	802.11 g	48	20 MHz	-	-	Pass
	12	802.11 g	54	20 MHz	-	-	Pass
	13	802.11 n20	MCS0	20 MHz	-	-	Pass
	14	802.11 n20	MCS1	20 MHz	-	-	Pass
	15	802.11 n20	MCS2	20 MHz	-	-	Pass
	16	802.11 n20	MCS3	20 MHz	-	-	Pass
	17	802.11 n20	MCS4	20 MHz	-	-	Pass
	18	802.11 n20	MCS5	20 MHz	-	-	Pass
	19	802.11 n20	MCS6	20 MHz	-	-	Pass
	20	802.11 n20	MCS7	20 MHz	-	-	Pass

Test Band				WLAN_2.4GHz			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Rate	Bandwidthh	RU Tone	RB index	Verdict
Duty Cycle	21	802.11 n40	MCS0	40 MHz	-	-	Pass
	22	802.11 n40	MCS1	40 MHz	-	-	Pass
	23	802.11 n40	MCS2	40 MHz	-	-	Pass
	24	802.11 n40	MCS3	40 MHz	-	-	Pass
	25	802.11 n40	MCS4	40 MHz	-	-	Pass
	26	802.11 n40	MCS5	40 MHz	-	-	Pass
	27	802.11 n40	MCS6	40 MHz	-	-	Pass
	28	802.11 n40	MCS7	40 MHz	-	-	Pass



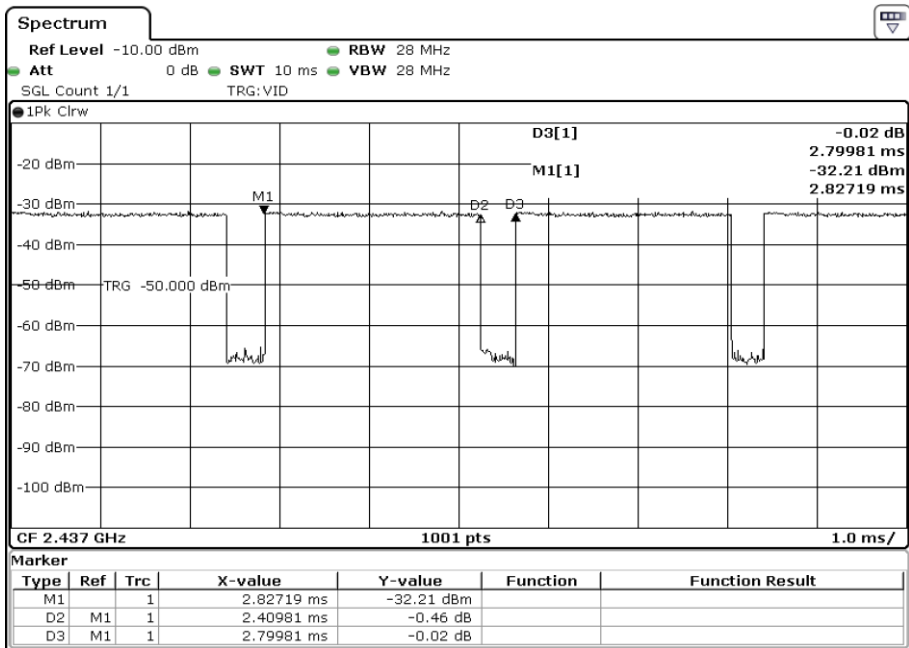
Date: 30.AUG.2024 14:02:55

1	Duty Cycle
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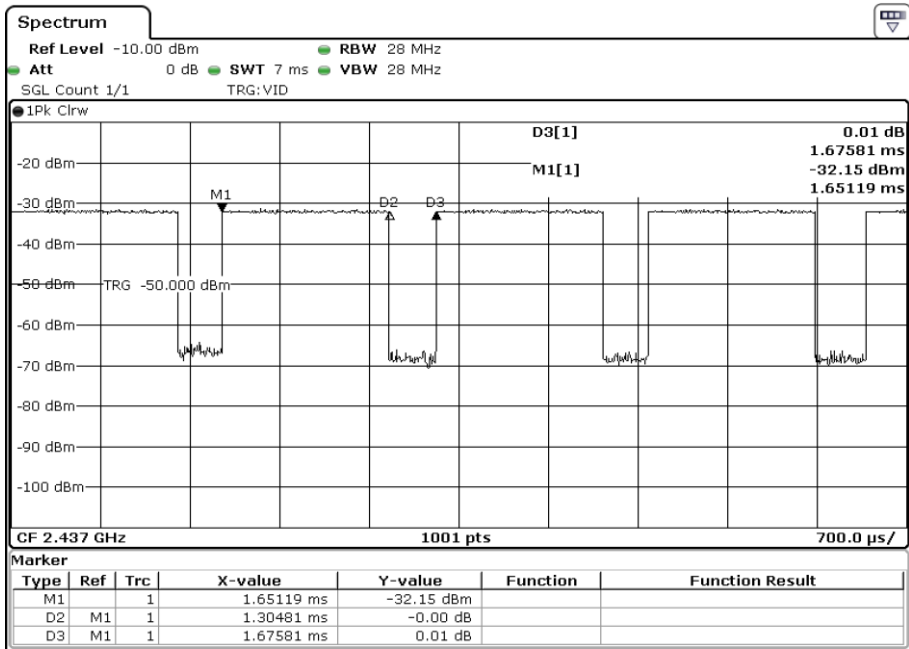
Date: 30.AUG.2024 14:03:51

2	Duty Cycle
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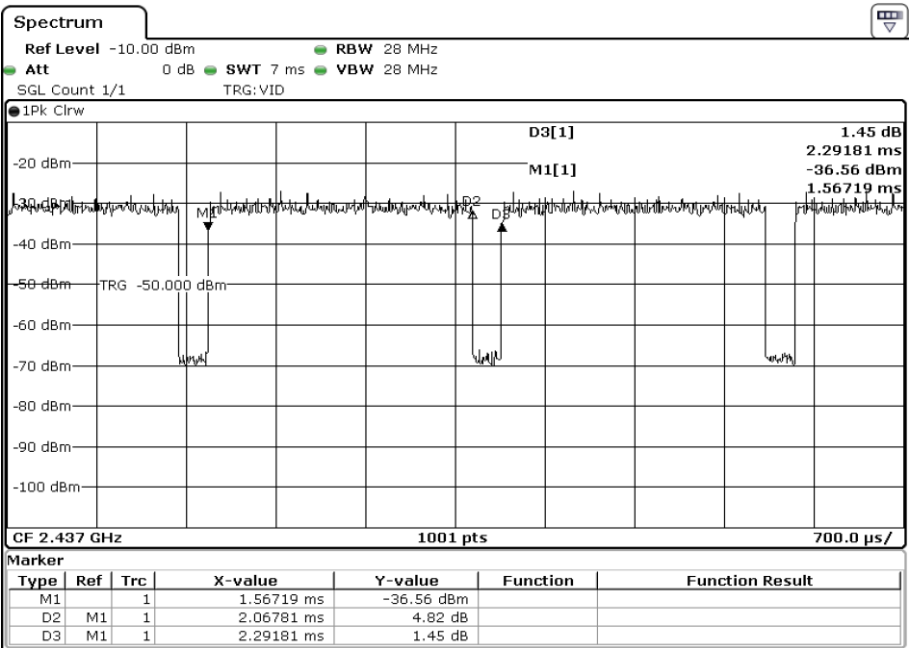
Date: 30.AUG.2024 14:04:59

3	Duty Cycle
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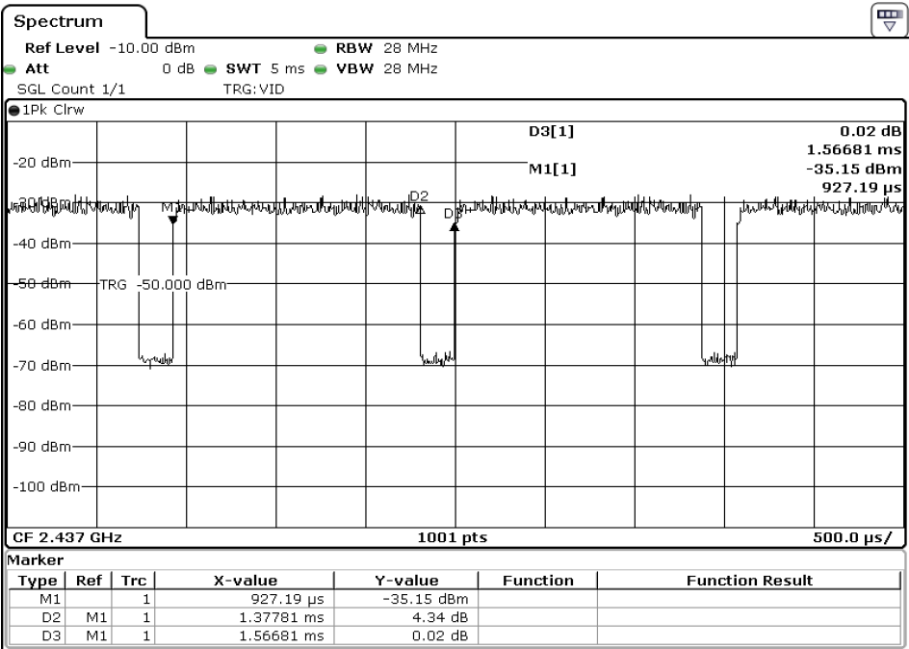
Date: 30.AUG.2024 14:05:58

4	Duty Cycle
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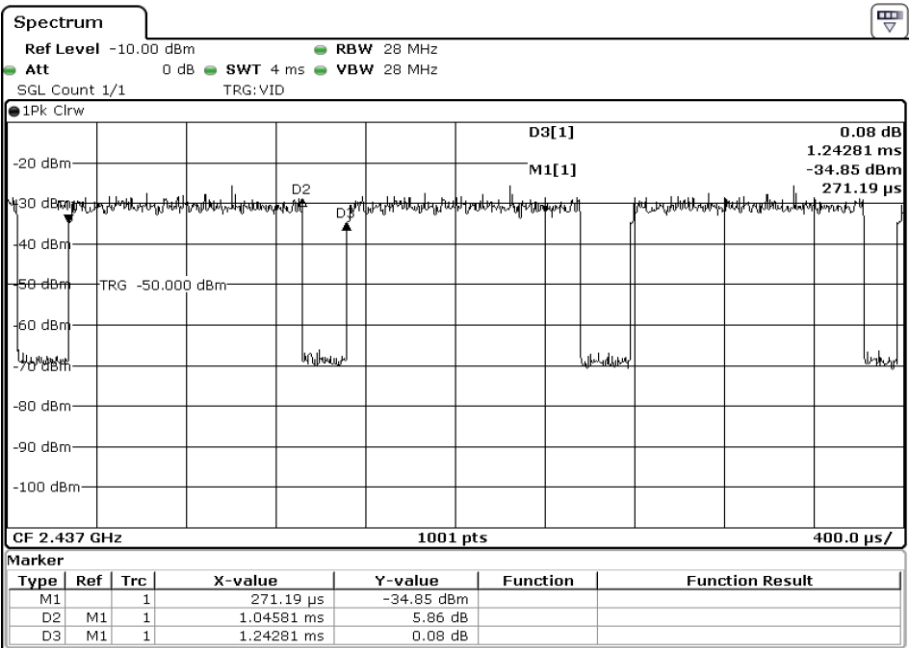
Date: 30.AUG.2024 14:07:22

5	Duty Cycle
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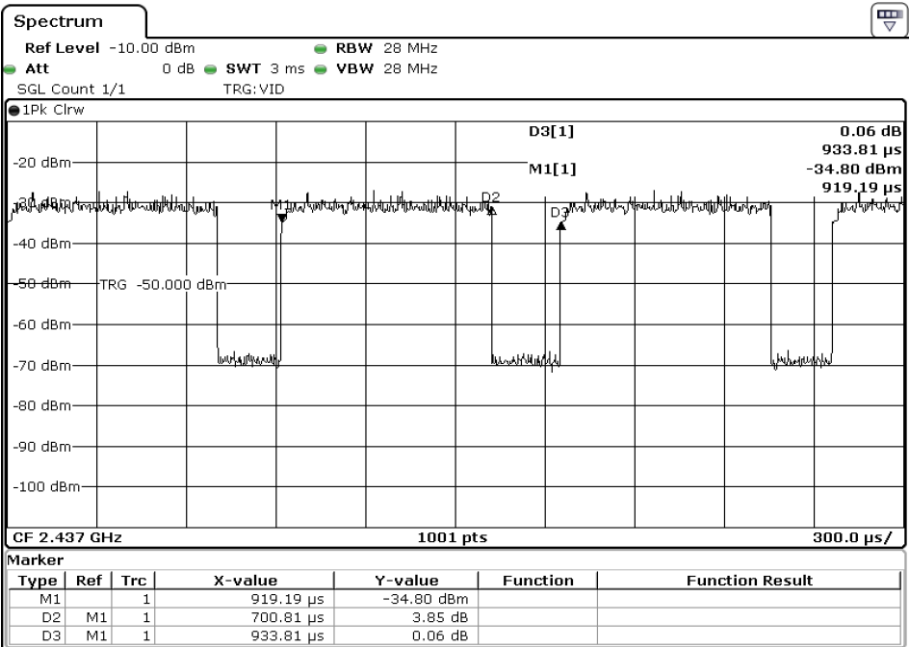
Date: 30.AUG.2024 14:09:15

6	Duty Cycle
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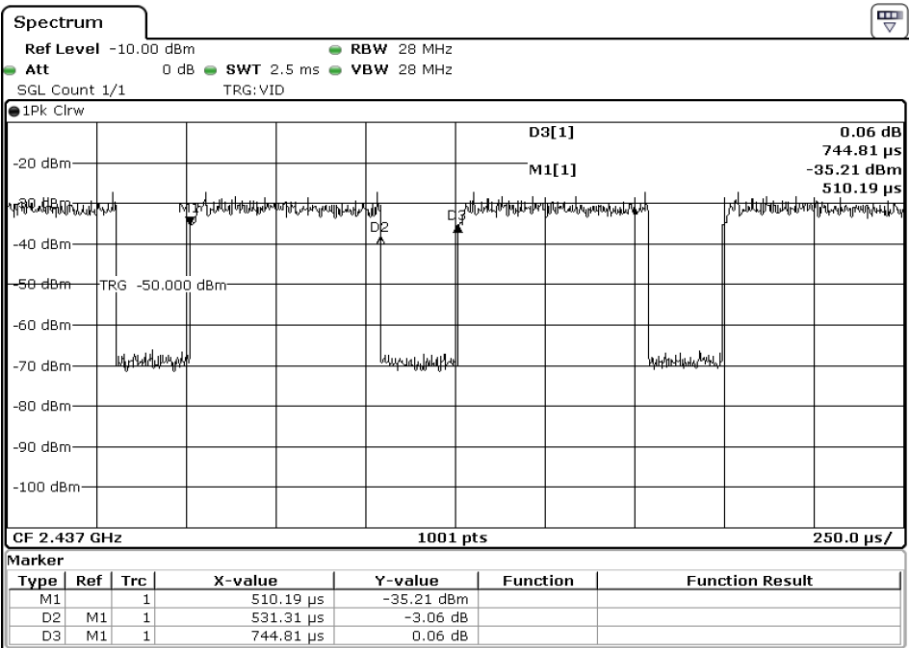
Date: 30.AUG.2024 14:10:10

7	Duty Cycle
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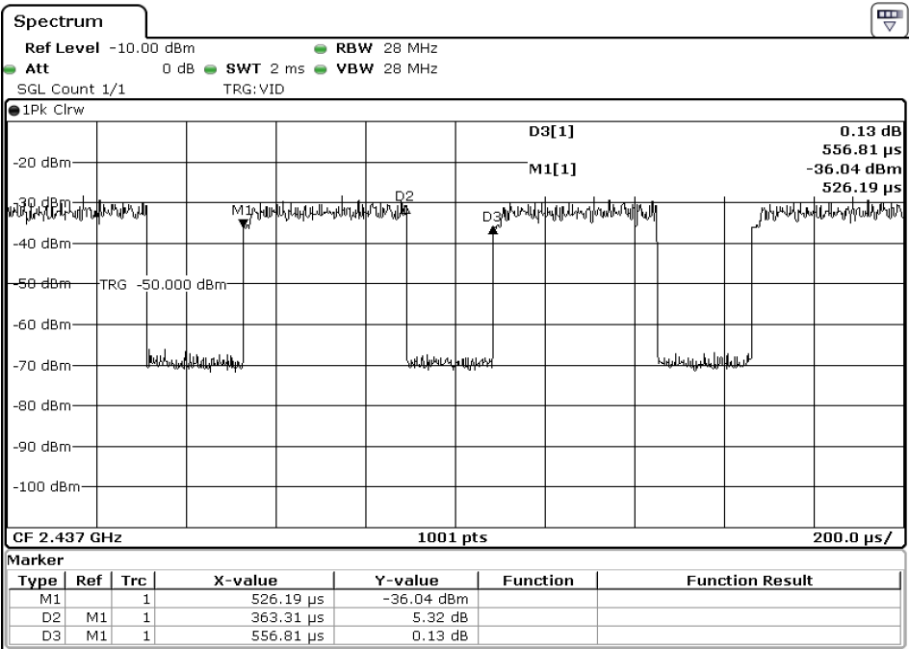
Date: 30.AUG.2024 14:11:06

8	Duty Cycle
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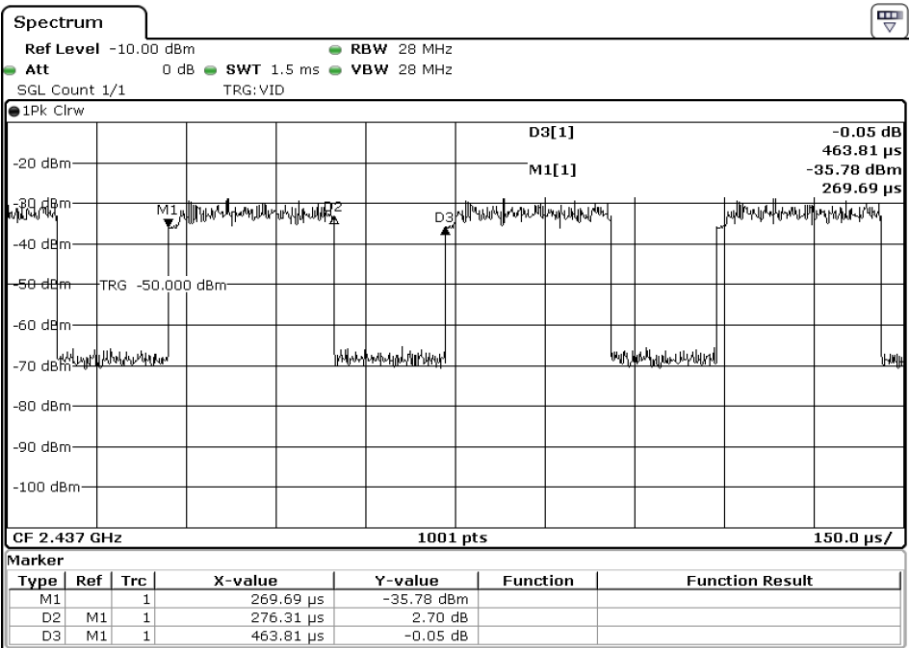
Date: 30.AUG.2024 14:13:16

9	Duty Cycle
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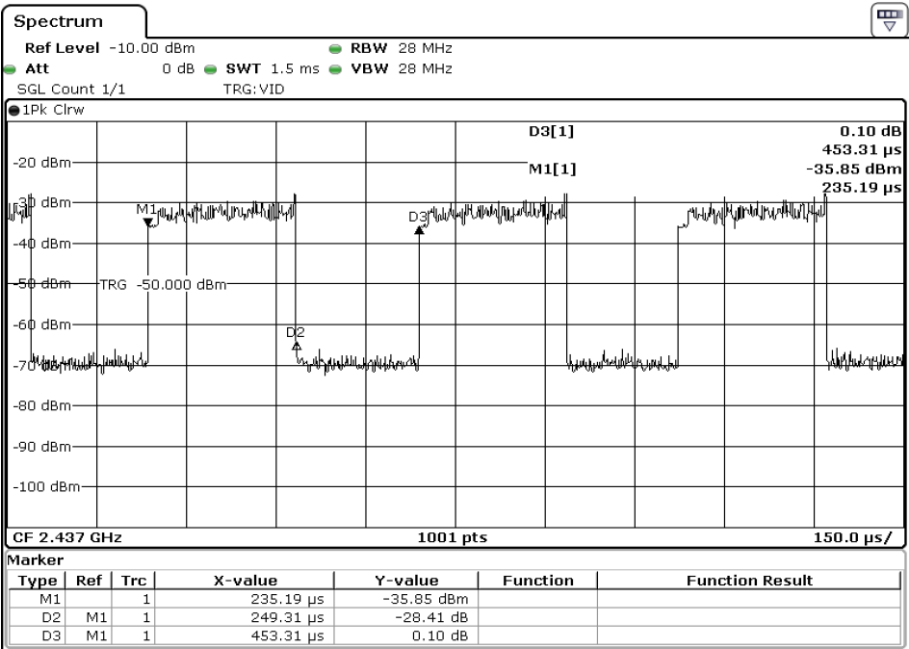
Date: 30.AUG.2024 14:16:29

10	Duty Cycle
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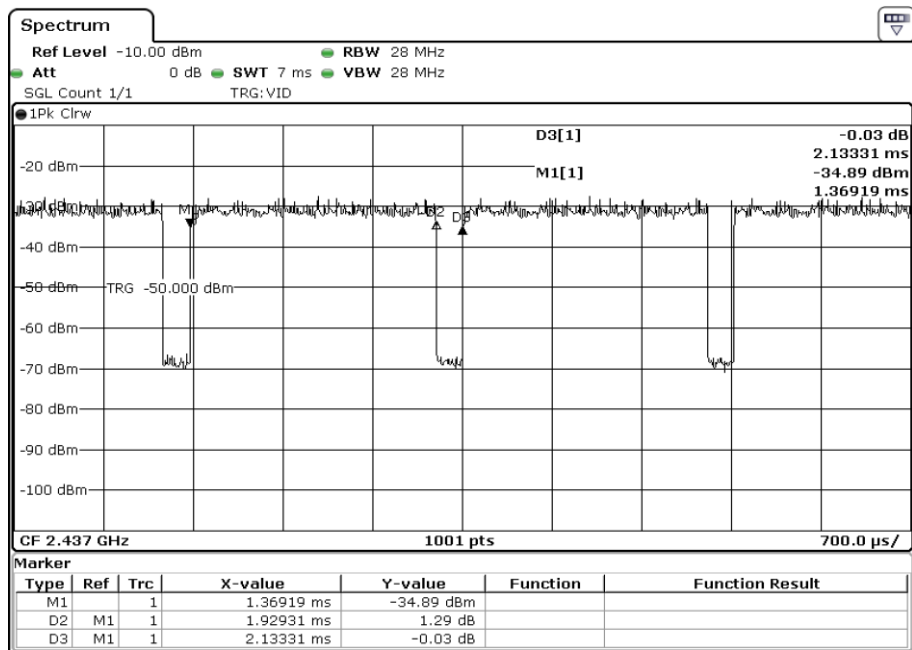
Date: 30.AUG.2024 14:19:02

11	Duty Cycle
----	------------



Date: 30.AUG.2024 14:20:01

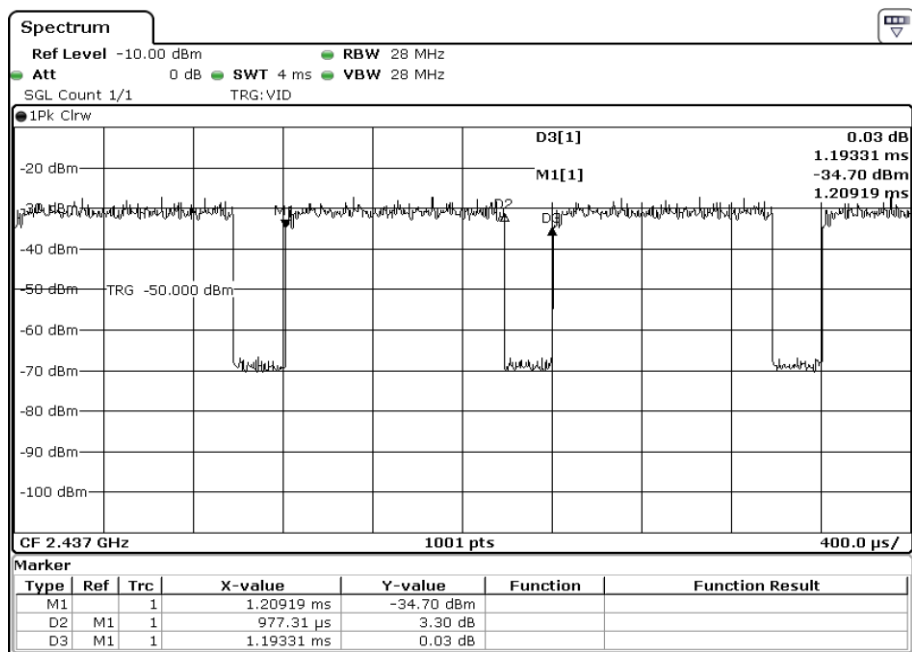
12	Duty Cycle
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Date: 30.AUG.2024 14:23:04

13

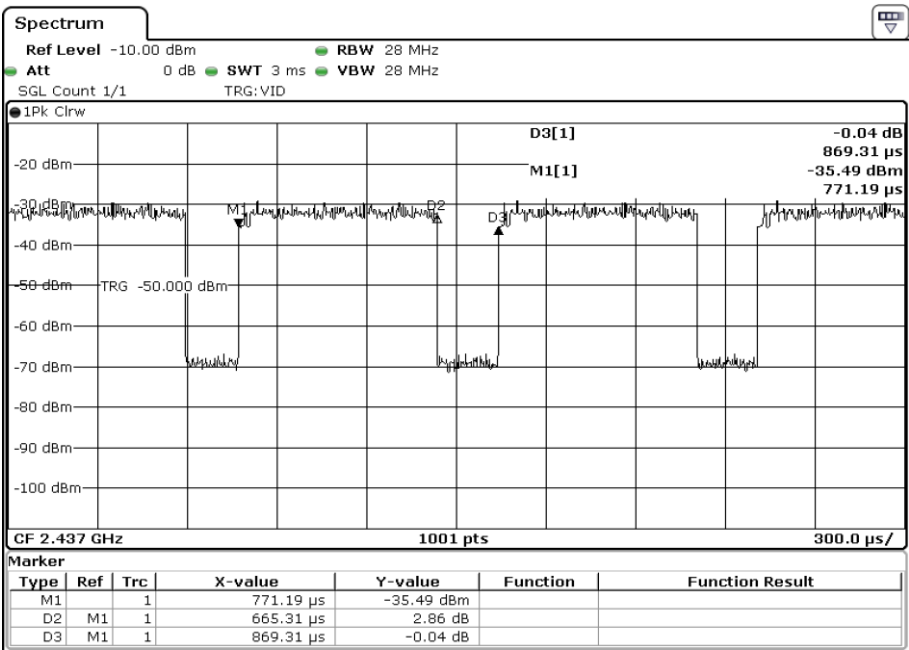
Duty Cycle



Date: 30.AUG.2024 14:24:31

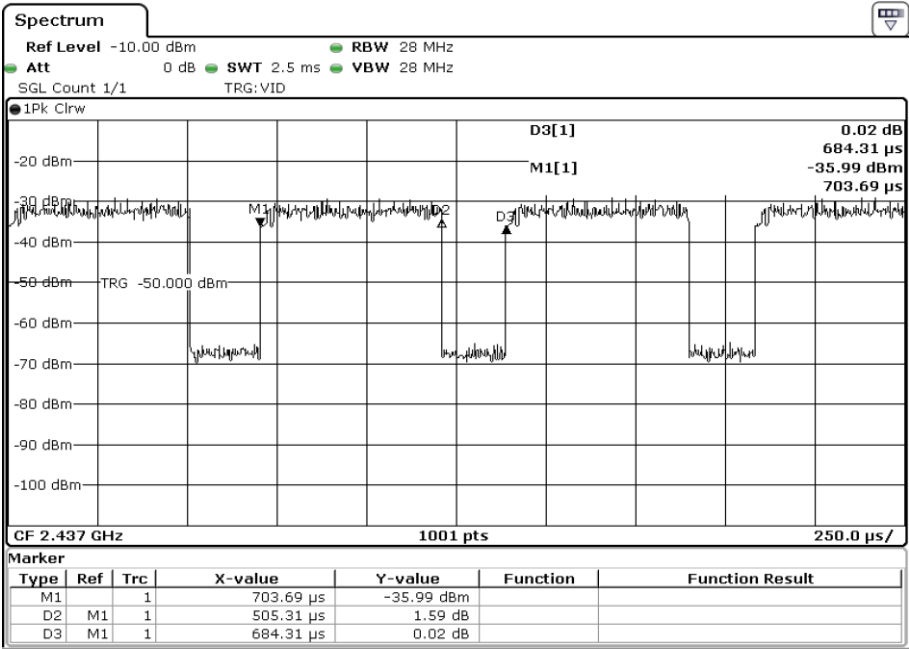
14

Duty Cycle



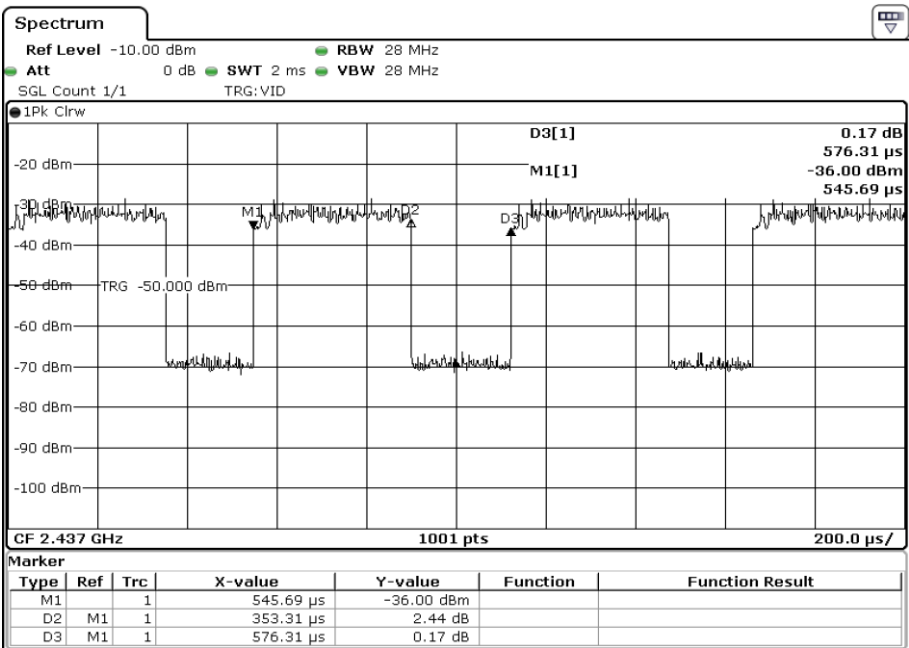
Date: 30.AUG.2024 14:26:10

15	Duty Cycle
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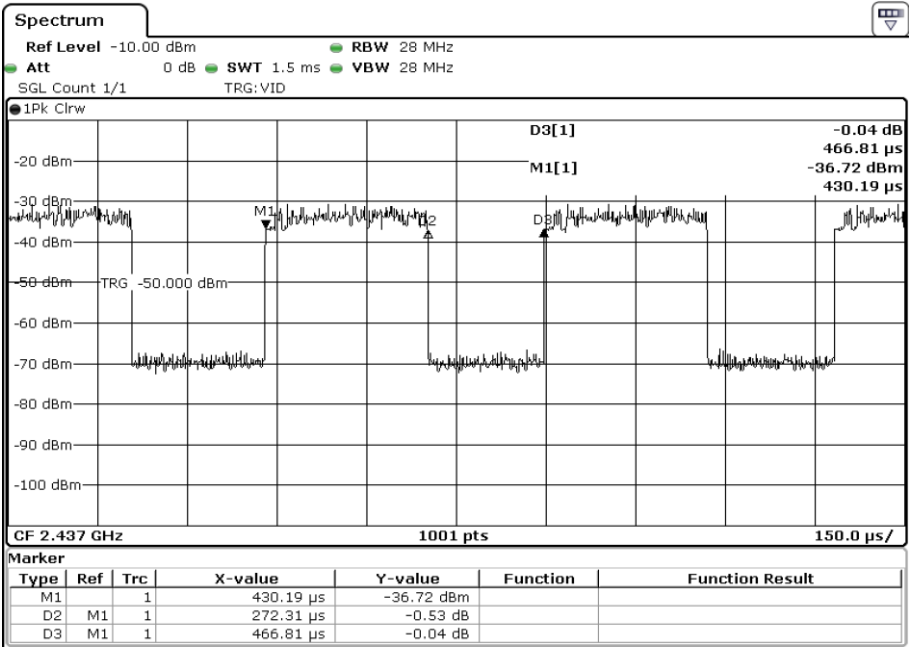
Date: 30.AUG.2024 14:27:34

16	Duty Cycle
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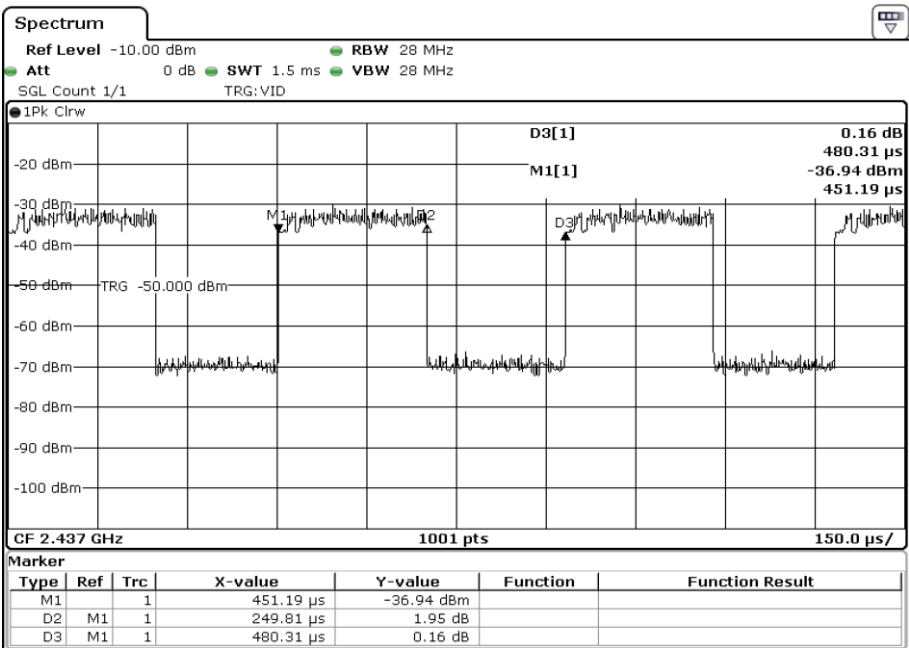
Date: 30.AUG.2024 14:29:38

17	Duty Cycle
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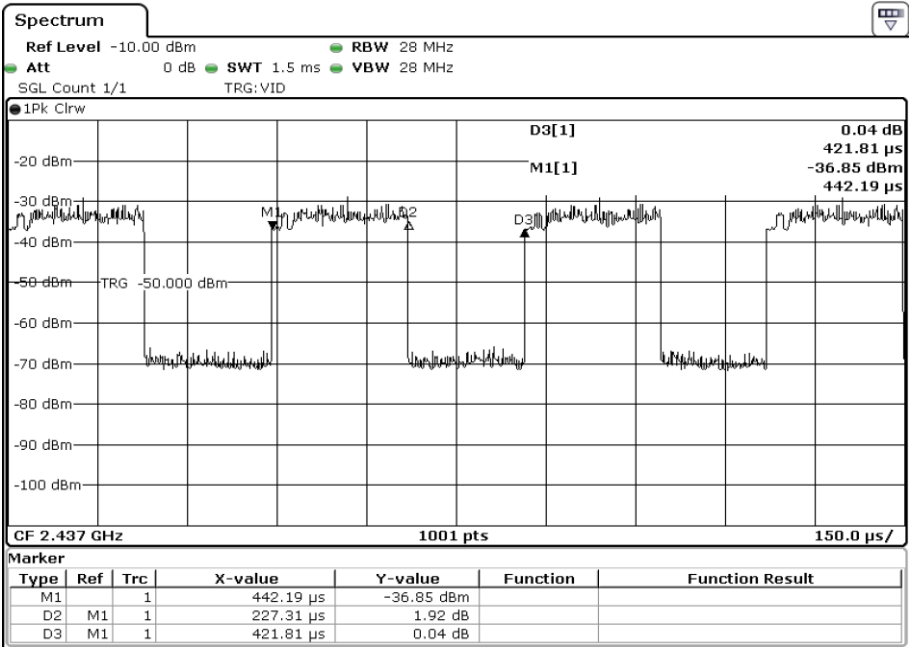
Date: 30.AUG.2024 14:30:22

18	Duty Cycle
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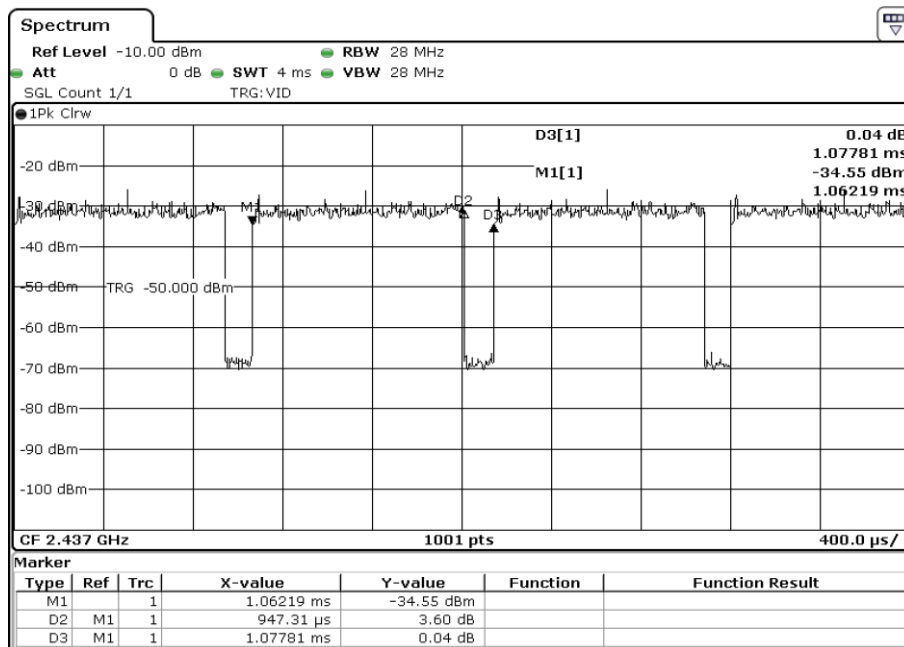
Date: 30.AUG.2024 14:31:14

19	Duty Cycle
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Date: 30.AUG.2024 14:33:52

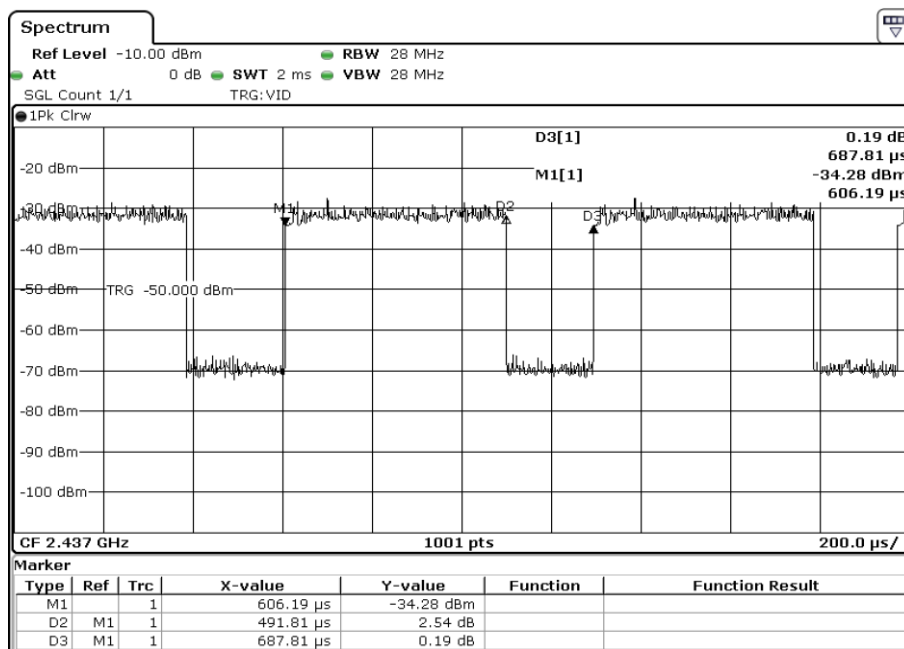
20	Duty Cycle
----	------------



Date: 30.AUG.2024 14:35:52

21

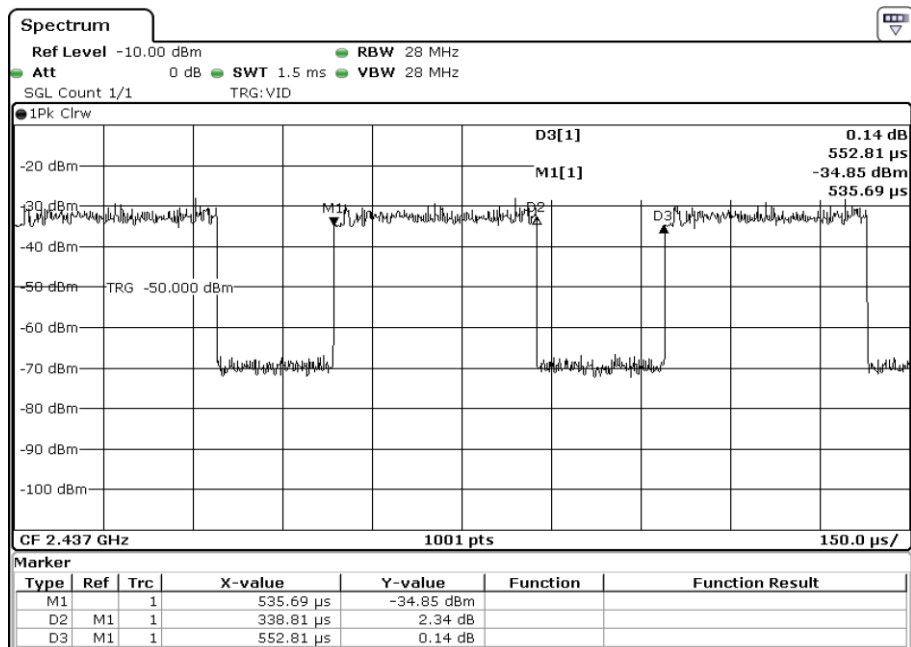
Duty Cycle



Date: 30.AUG.2024 14:37:07

22

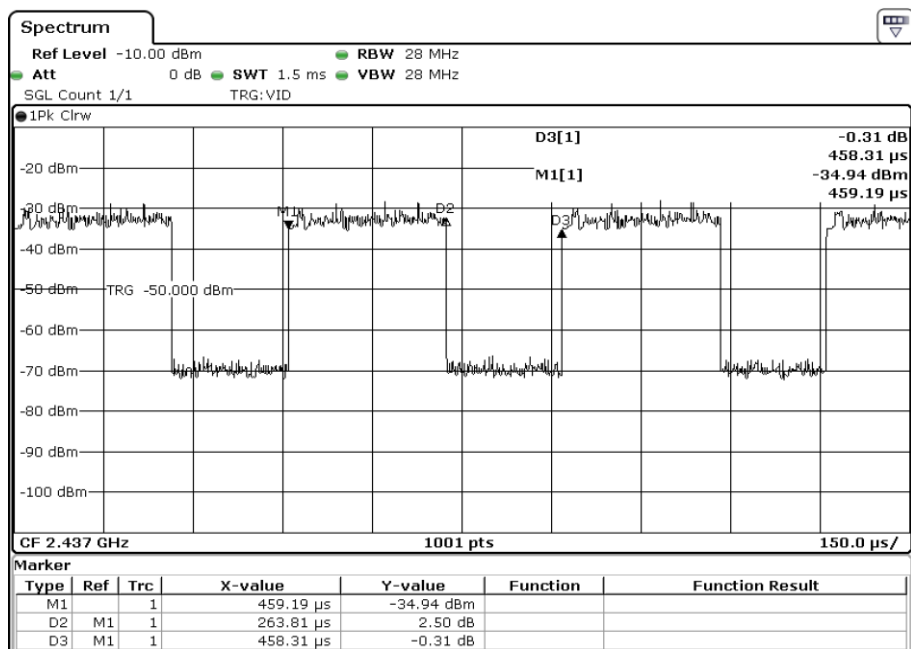
Duty Cycle



Date: 30.AUG.2024 14:42:12

23

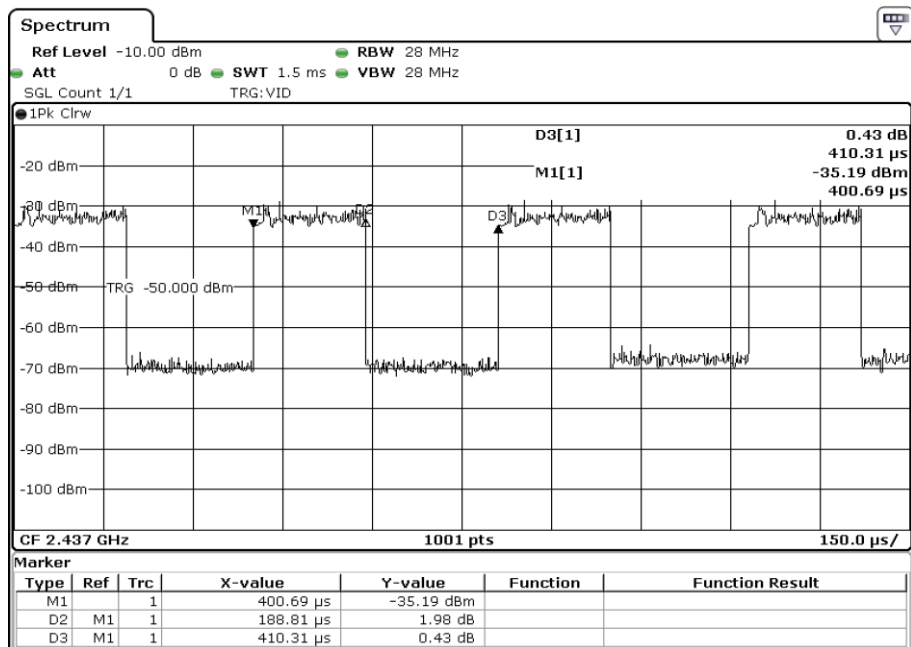
Duty Cycle



Date: 30.AUG.2024 14:43:14

24

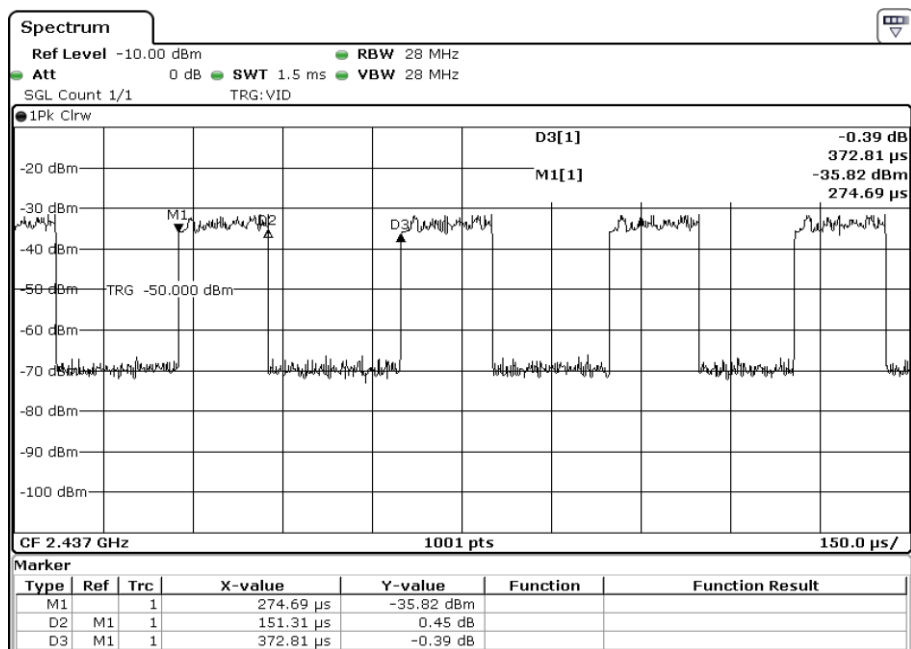
Duty Cycle



Date: 30.AUG.2024 14:44:17

25

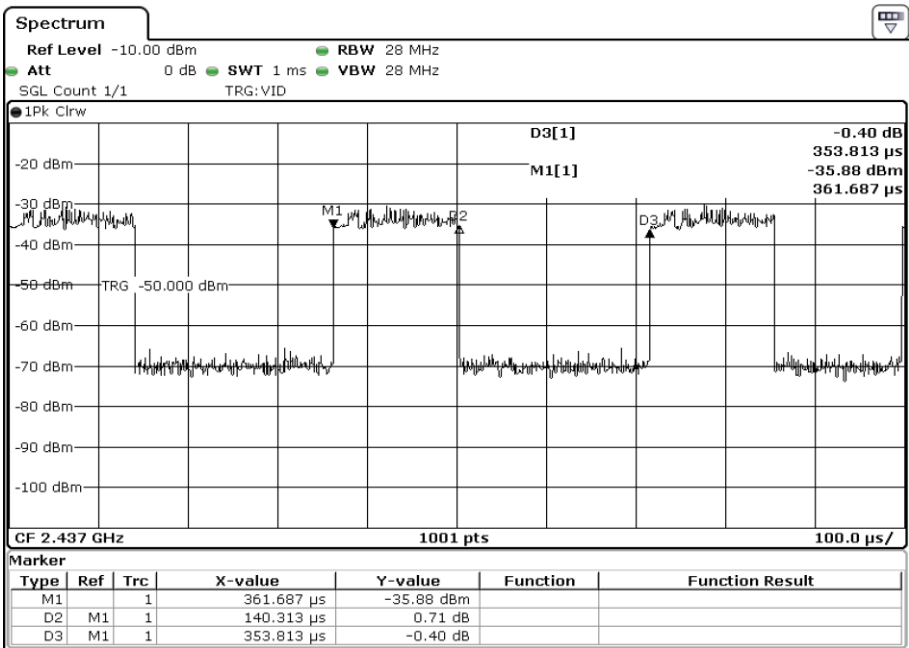
Duty Cycle



Date: 30.AUG.2024 14:45:20

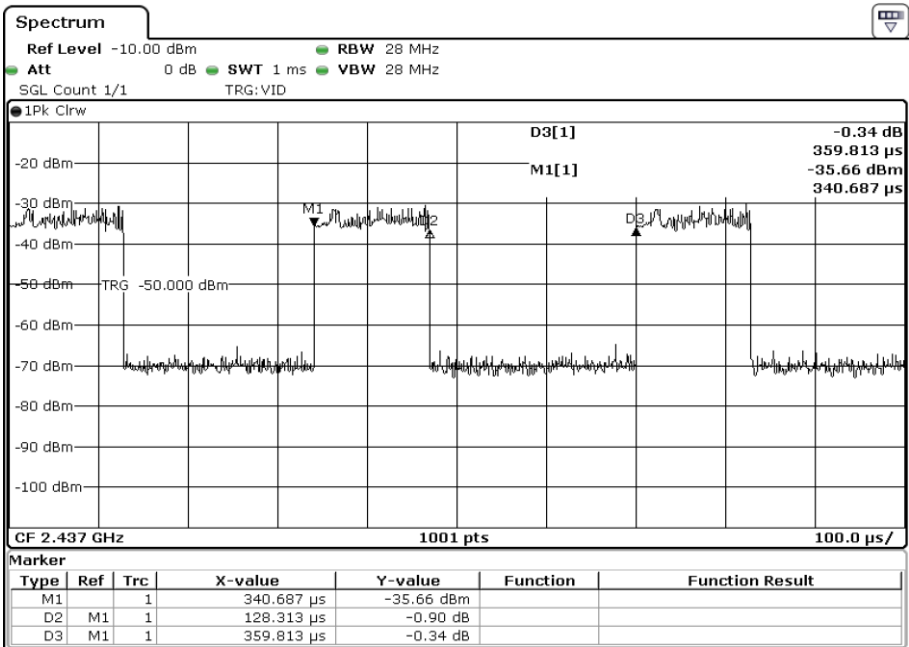
26

Duty Cycle



Date: 30.AUG.2024 14:46:25

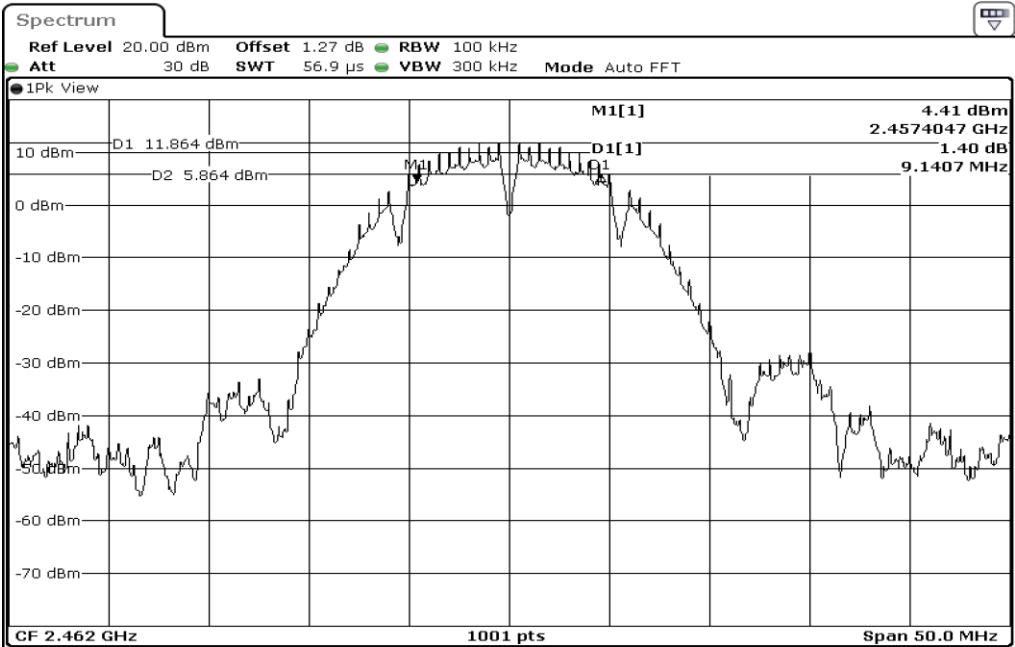
27	Duty Cycle
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Date: 30.AUG.2024 14:47:10

28	Duty Cycle
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Test Band				WLAN_2.4GHz_DC 12 V			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwidthh	RU Tone	RB index	Verdict
6dB Bandwidth	1	802.11 b	2412	20 MHz	-	-	Pass
	2	802.11 b	2437	20 MHz	-	-	Pass
	3	802.11 b	2462	20 MHz	-	-	Pass
	4	802.11 g	2412	20 MHz	-	-	Pass
	5	802.11 g	2437	20 MHz	-	-	Pass
	6	802.11 g	2462	20 MHz	-	-	Pass
	7	802.11 n20	2412	20 MHz	-	-	Pass
	8	802.11 n20	2437	20 MHz	-	-	Pass
	9	802.11 n20	2462	20 MHz	-	-	Pass
	10	802.11 n40	2422	40 MHz	-	-	Pass
	11	802.11 n40	2437	40 MHz	-	-	Pass
	12	802.11 n40	2452	40 MHz	-	-	Pass



Date: 10.OCT.2024 14:55:02

3	6dB Bandwidth
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Spectrum

Ref Level 20.00 dBm Offset 1.22 dB RBW 100 kHz
Att 30 dB SWT 56.9 μ s VBW 300 kHz Mode Auto FFT

● 1Pk View

M1[1] -4.81 dBm
D1[1] 2.4041078 GHz
-0.42 dB
15.8344 MHz

D1 0.995 dBm
D2 -5.005 dBm
M1

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

CF 2.412 GHz 1001 pts Span 50.0 MHz

4	6dB Bandwidth
---	---------------

Spectrum

Ref Level 20.00 dBm Offset 1.22 dB RBW 100 kHz
Att 30 dB SWT 56.9 μ s VBW 300 kHz Mode Auto FFT

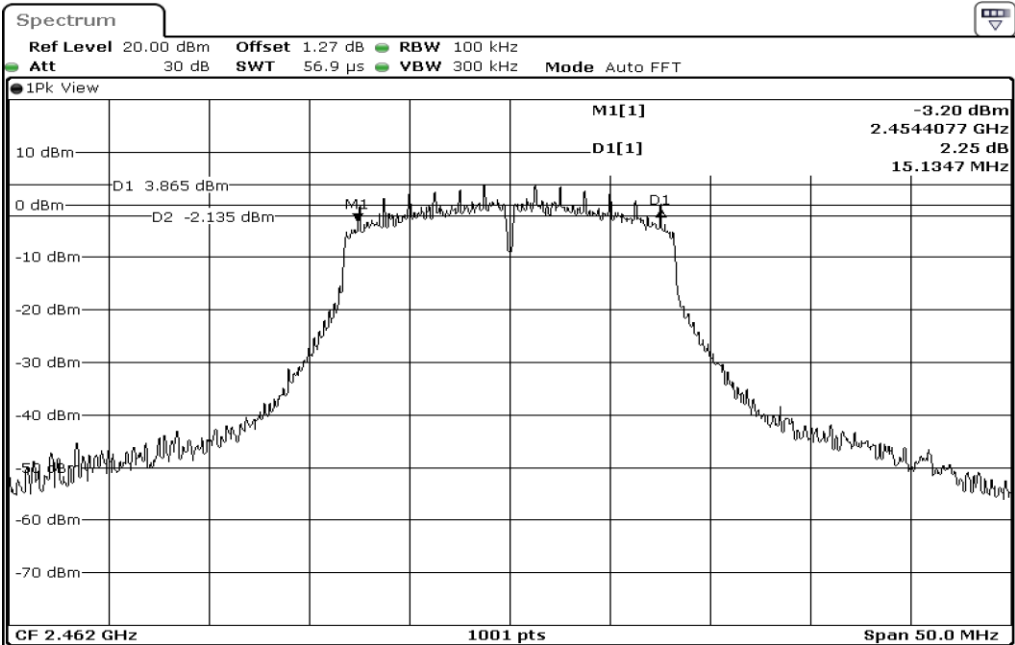
1Pk View

M1[1] -3.69 dBm
D1[1] 2.4292078 GHz -0.87 dB
15.6344 MHz

D1 1.426 dBm
D2 -4.574 dBm

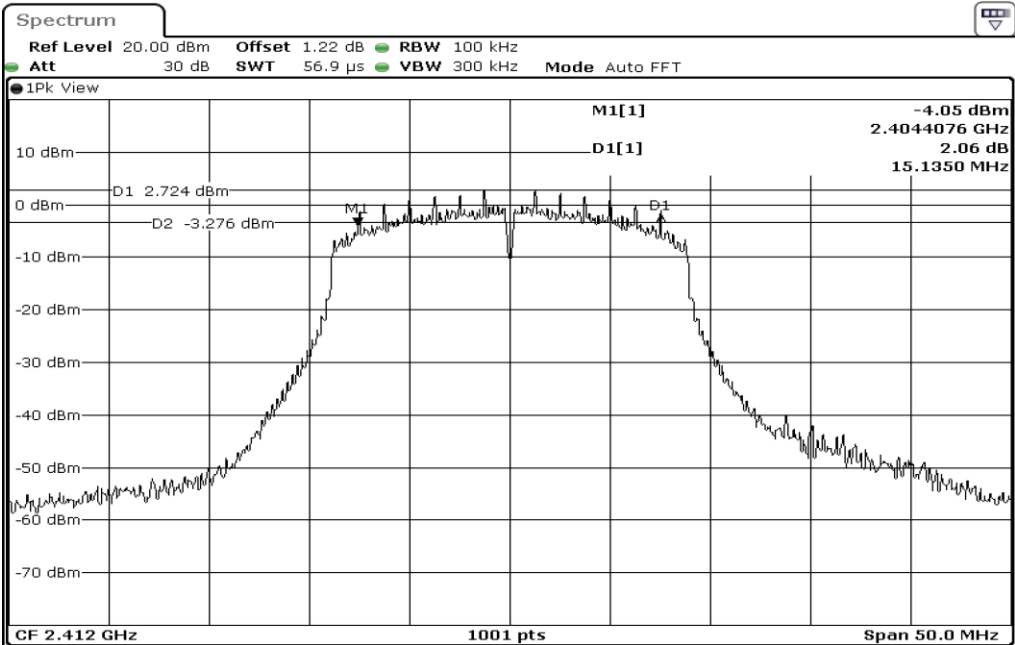
CF 2.437 GHz 1001 pts Span 50.0 MHz

5	6dB Bandwidth
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Date: 10.OCT.2024 15:02:54

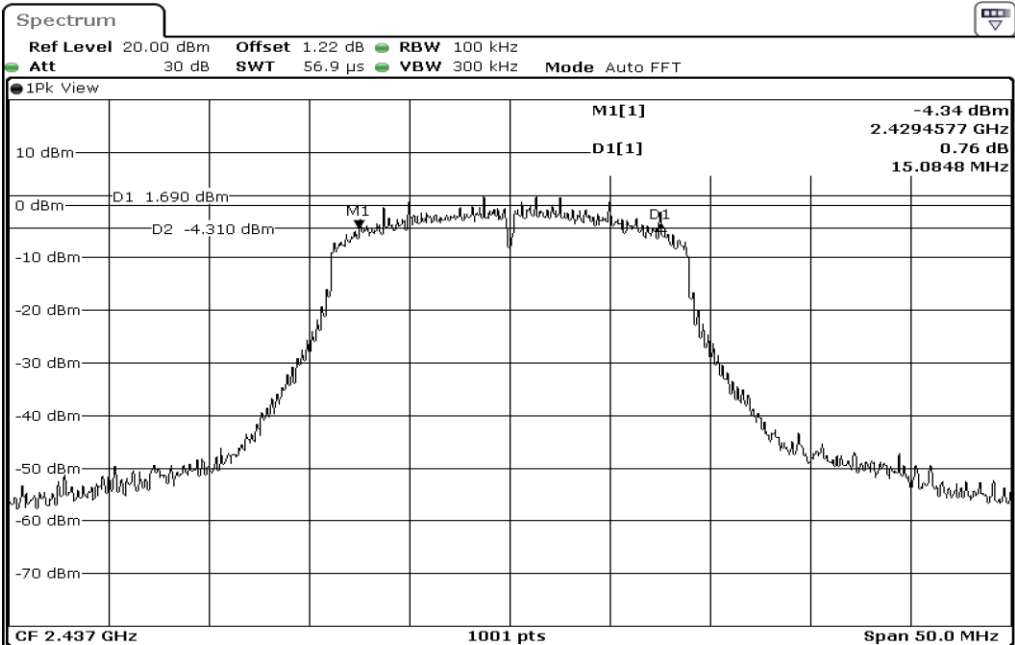
6	6dB Bandwidth
---	---------------



Date: 10.OCT.2024 15:30:32

7

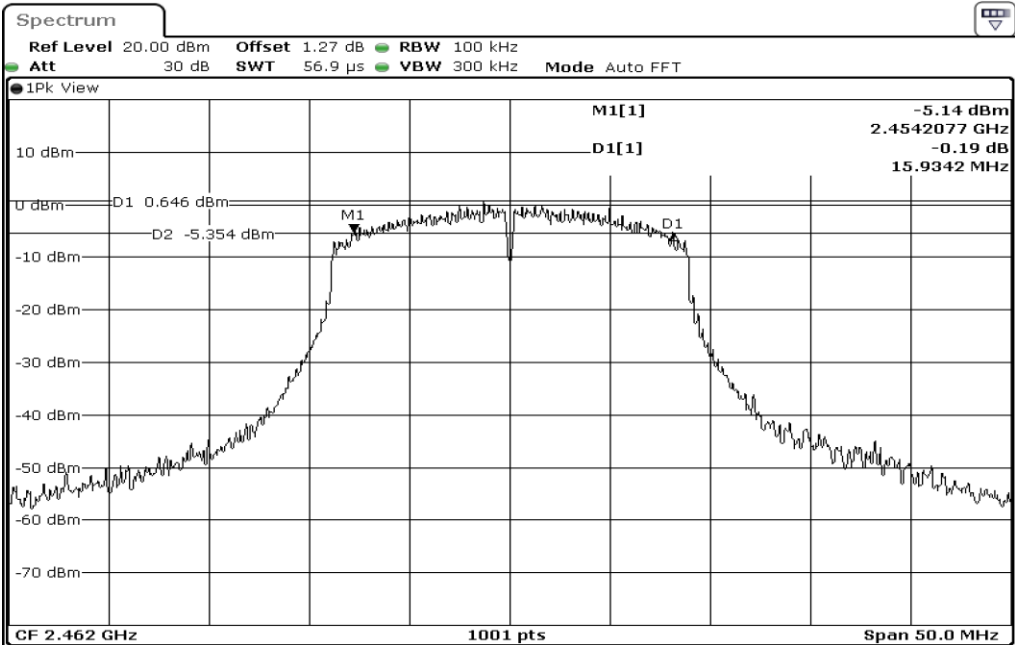
6dB Bandwidth



Date: 10.OCT.2024 15:32:04

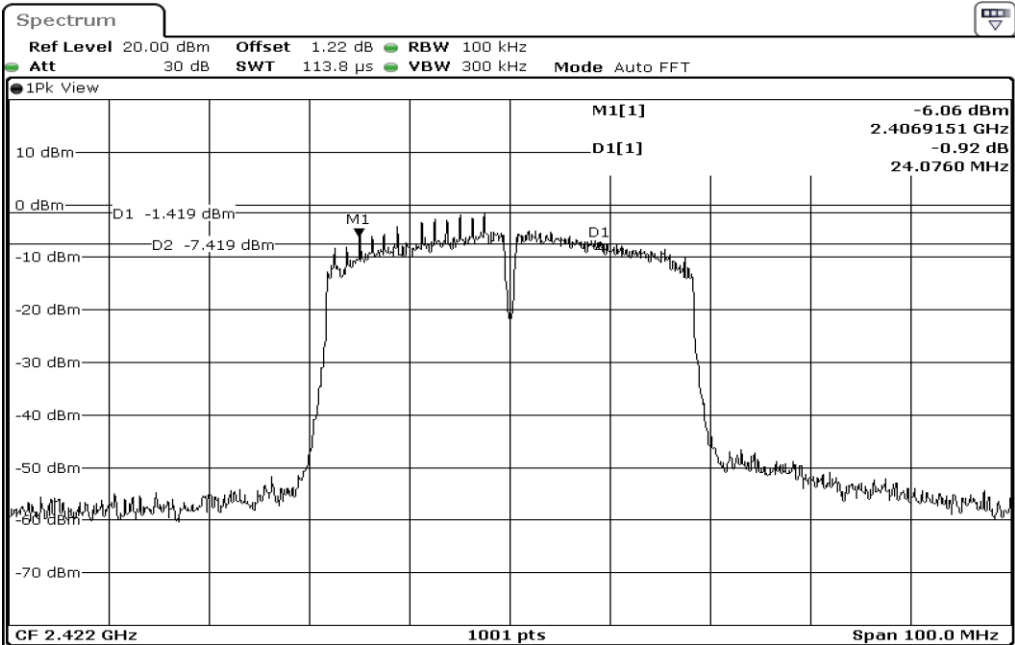
8

6dB Bandwidth



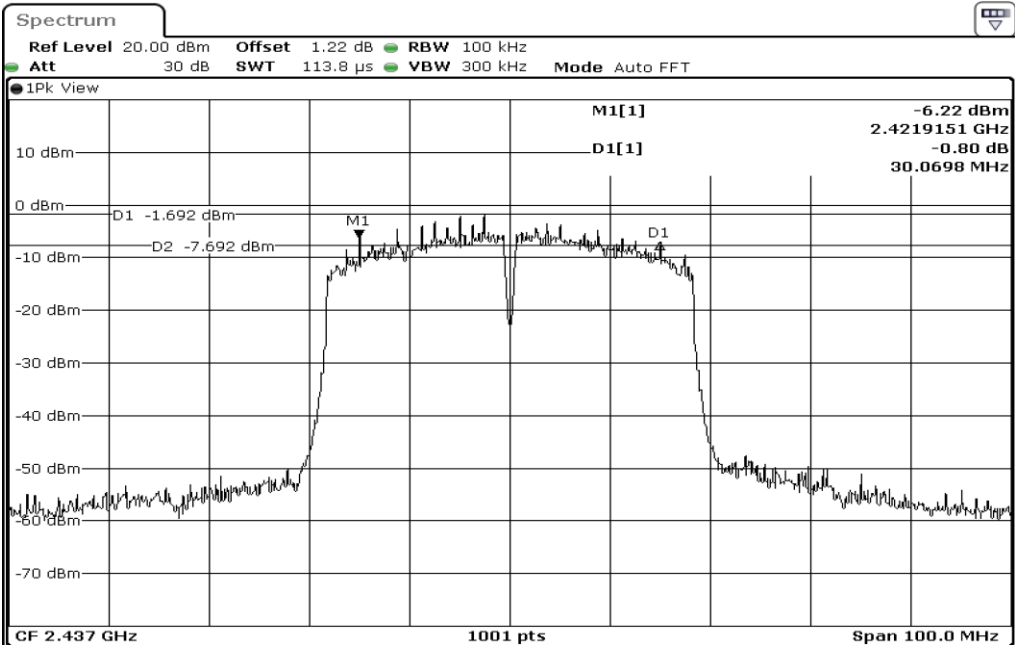
Date: 10.OCT.2024 15:33:39

9	6dB Bandwidth
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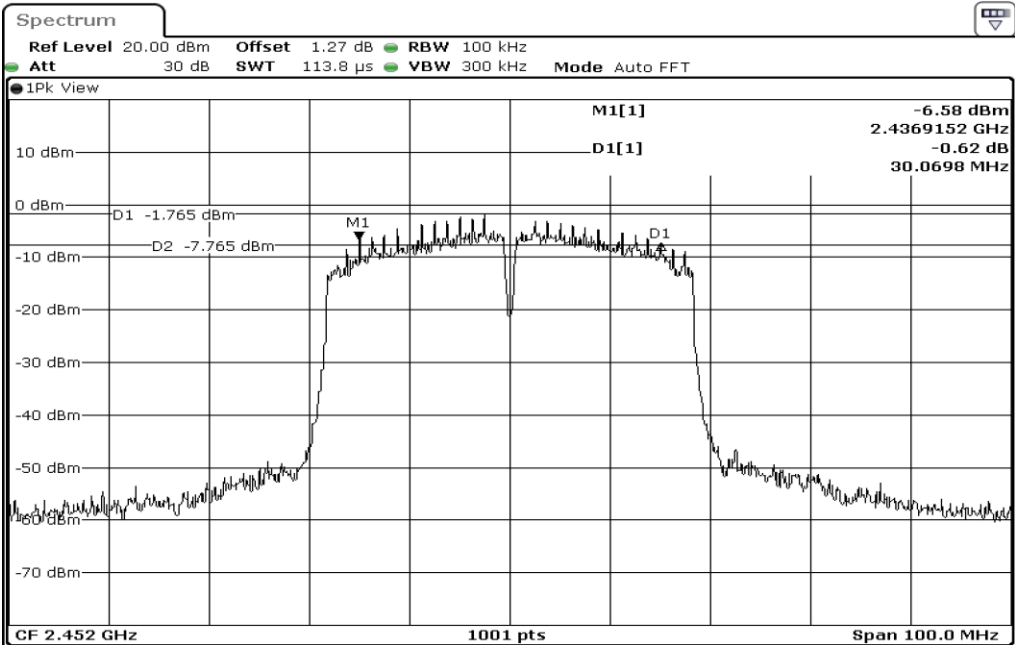
Date: 10.OCT.2024 15:37:11

10	6dB Bandwidth
----	---------------



Date: 10.OCT.2024 15:38:49

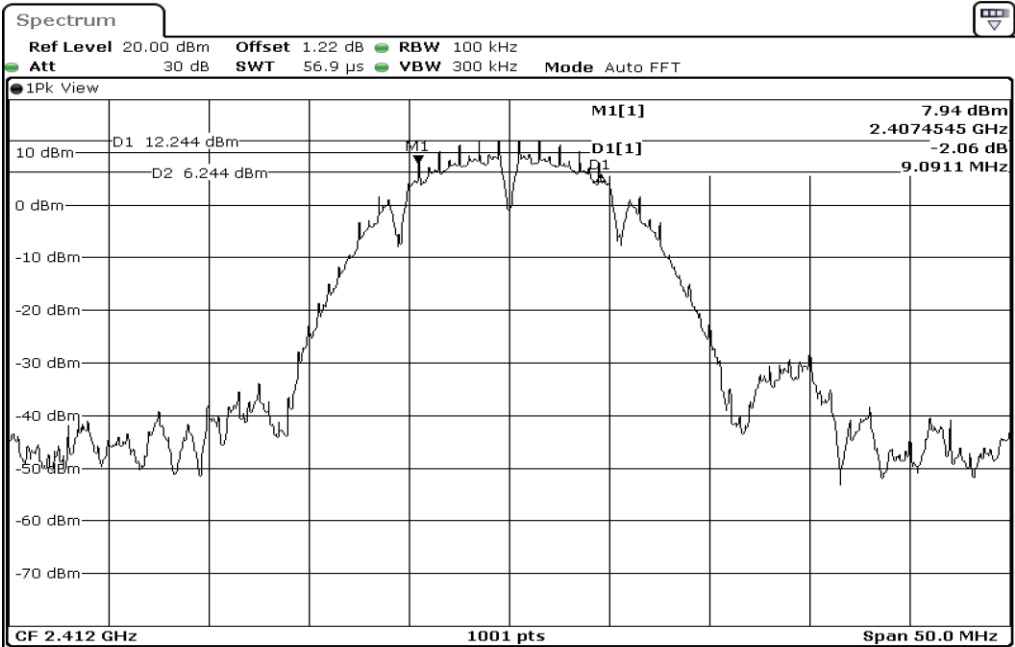
11	6dB Bandwidth
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Date: 10.OCT.2024 15:40:27

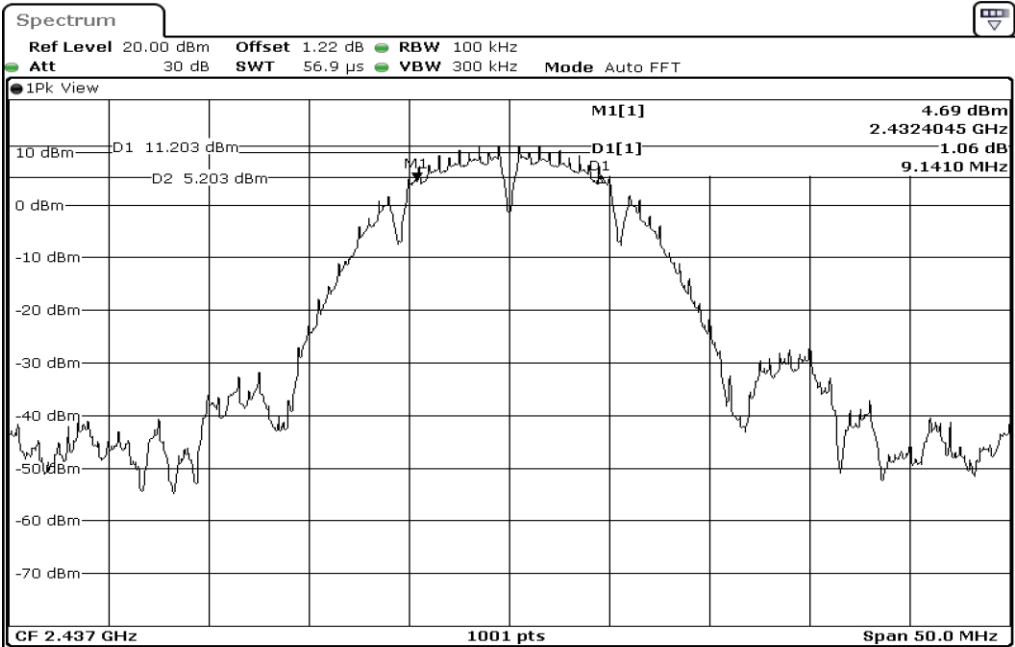
12	6dB Bandwidth
----	---------------

Test Band				WLAN_2.4GHz_DC 24 V			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwidthh	RU Tone	RB index	Verdict
6dB Bandwidth	1	802.11 b	2412	20 MHz	-	-	Pass
	2	802.11 b	2437	20 MHz	-	-	Pass
	3	802.11 b	2462	20 MHz	-	-	Pass
	4	802.11 g	2412	20 MHz	-	-	Pass
	5	802.11 g	2437	20 MHz	-	-	Pass
	6	802.11 g	2462	20 MHz	-	-	Pass
	7	802.11 n20	2412	20 MHz	-	-	Pass
	8	802.11 n20	2437	20 MHz	-	-	Pass
	9	802.11 n20	2462	20 MHz	-	-	Pass
	10	802.11 n40	2422	40 MHz	-	-	Pass
	11	802.11 n40	2437	40 MHz	-	-	Pass
	12	802.11 n40	2452	40 MHz	-	-	Pass



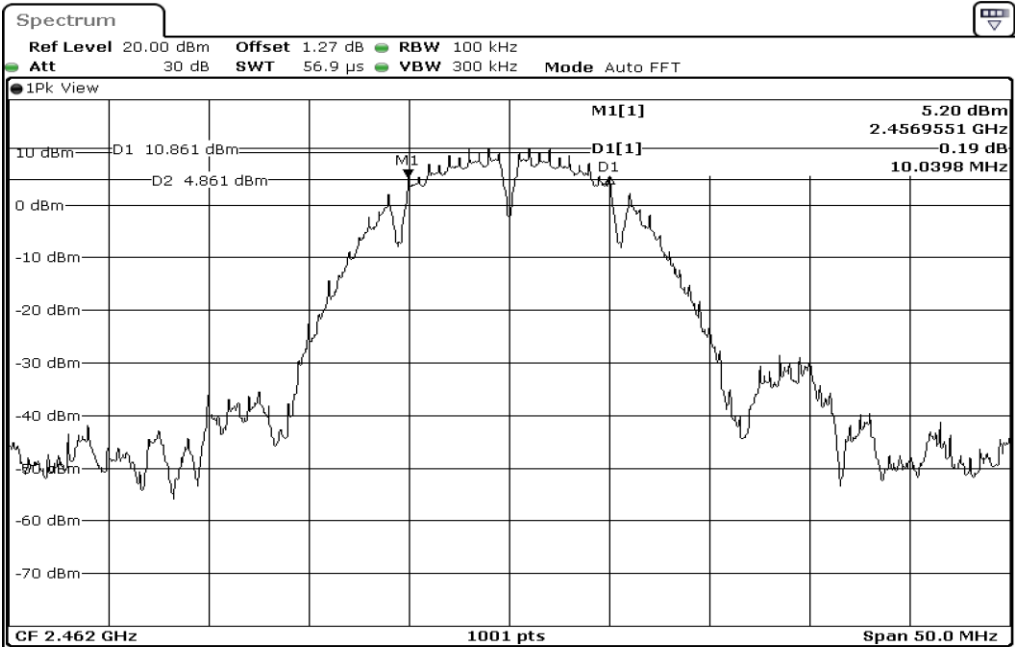
Date: 10.OCT.2024 14:46:13

1	6dB Bandwidth
---	---------------



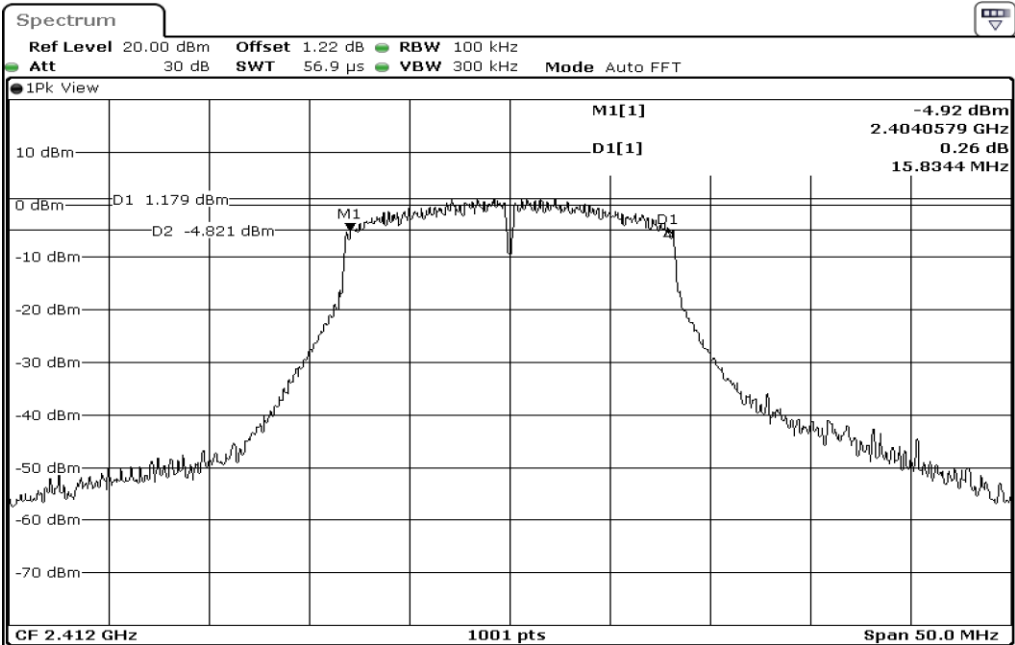
Date: 10.OCT.2024 14:47:45

2	6dB Bandwidth
---	---------------



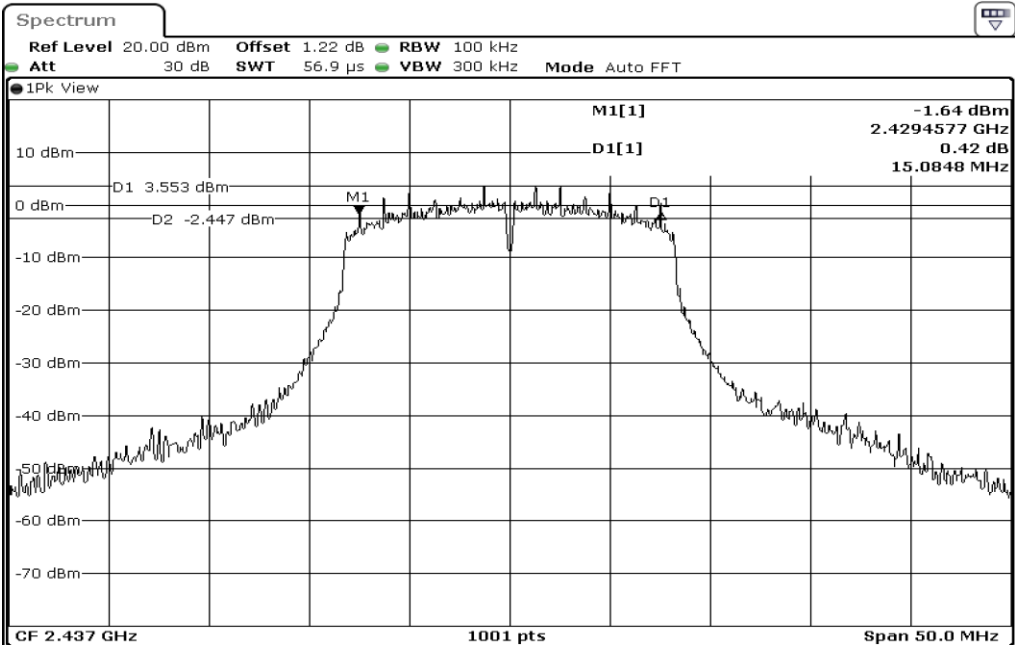
Date: 10.OCT.2024 14:49:16

3	6dB Bandwidth
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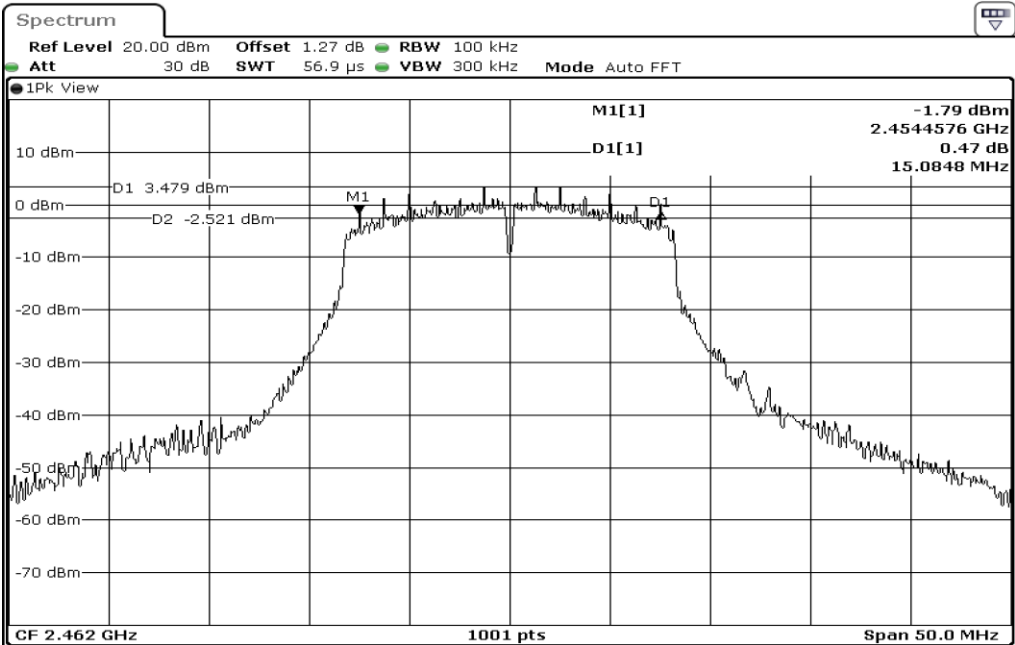
Date: 10.OCT.2024 15:05:29

4	6dB Bandwidth
---	---------------



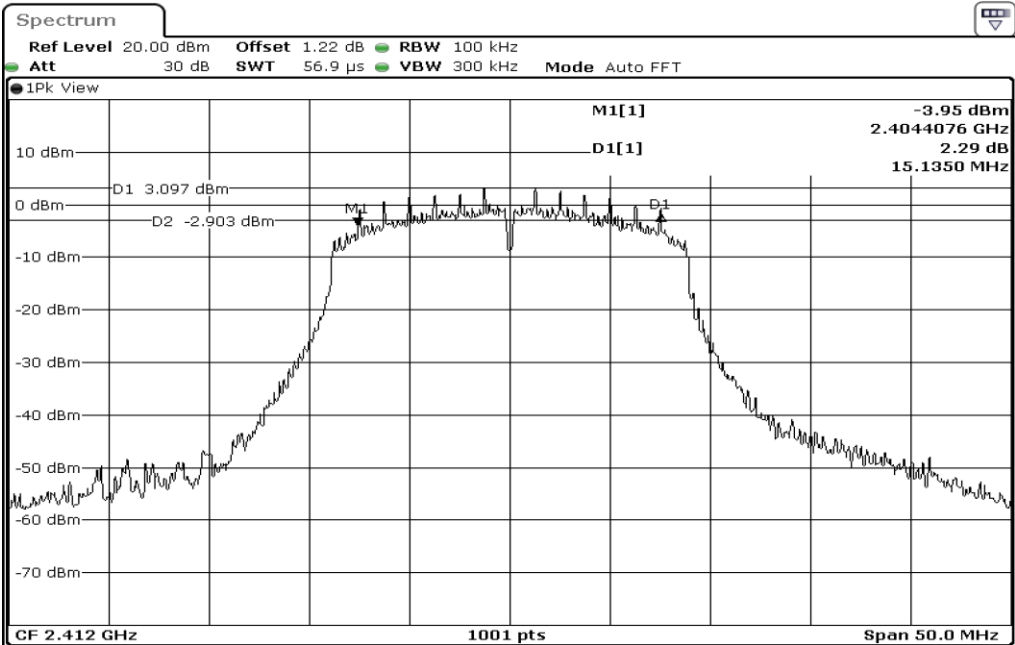
Date: 10.OCT.2024 15:09:20

5	6dB Bandwidth
---	---------------



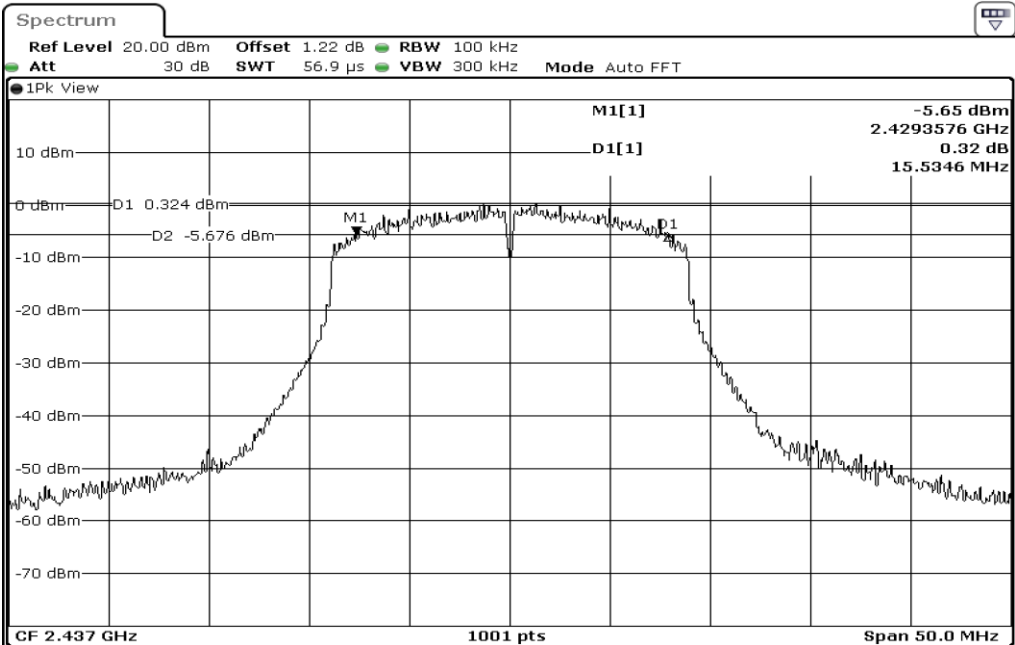
Date: 10.OCT.2024 15:10:49

6	6dB Bandwidth
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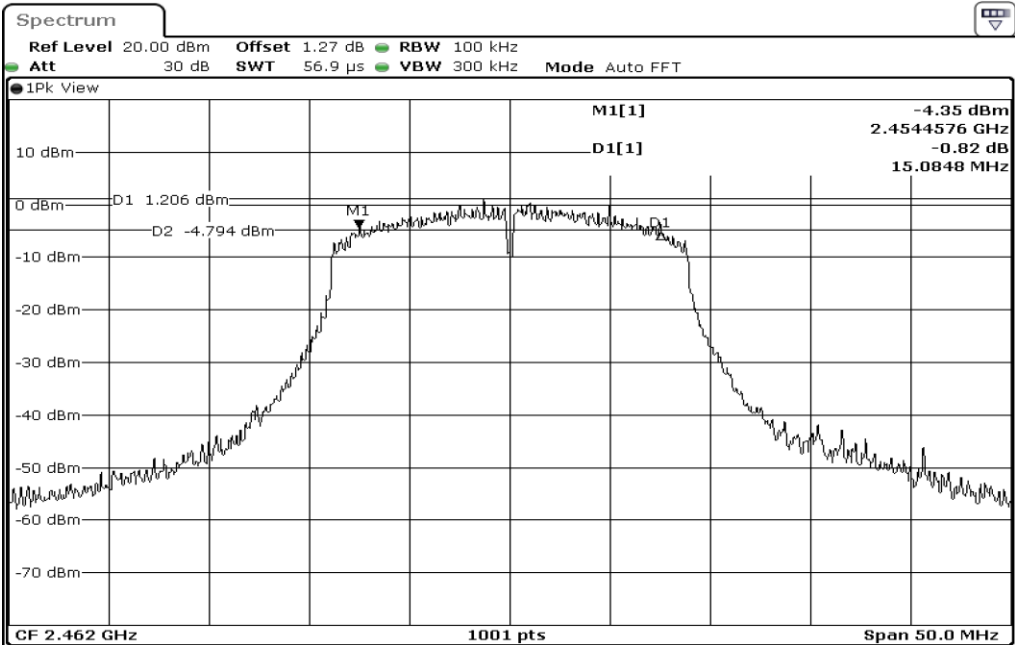
Date: 10.OCT.2024 15:20:04

7	6dB Bandwidth
---	---------------



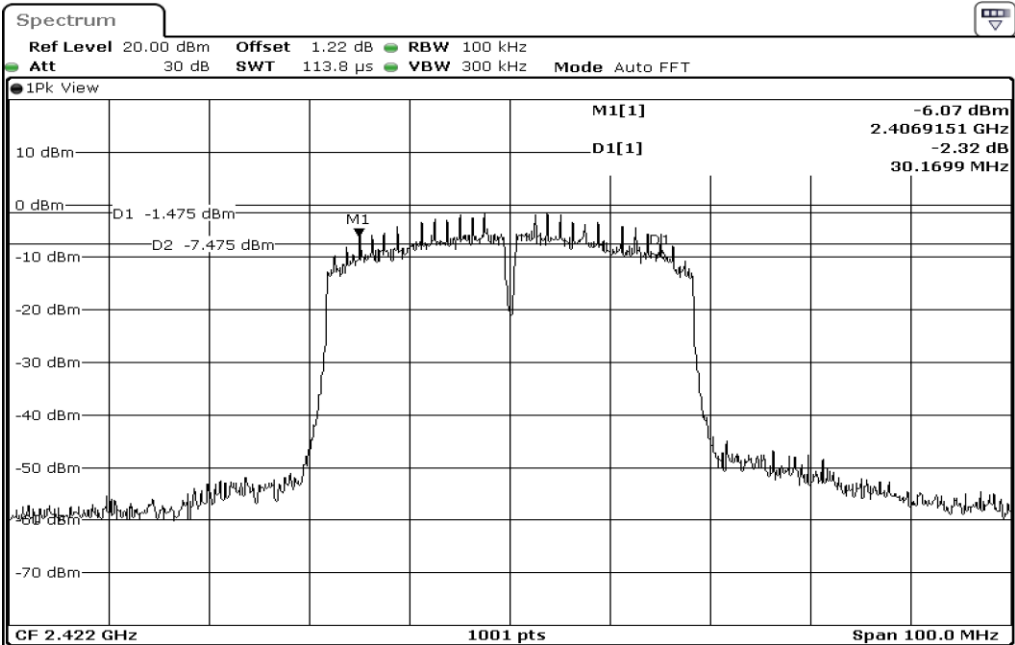
Date: 10.OCT.2024 15:21:35

8	6dB Bandwidth
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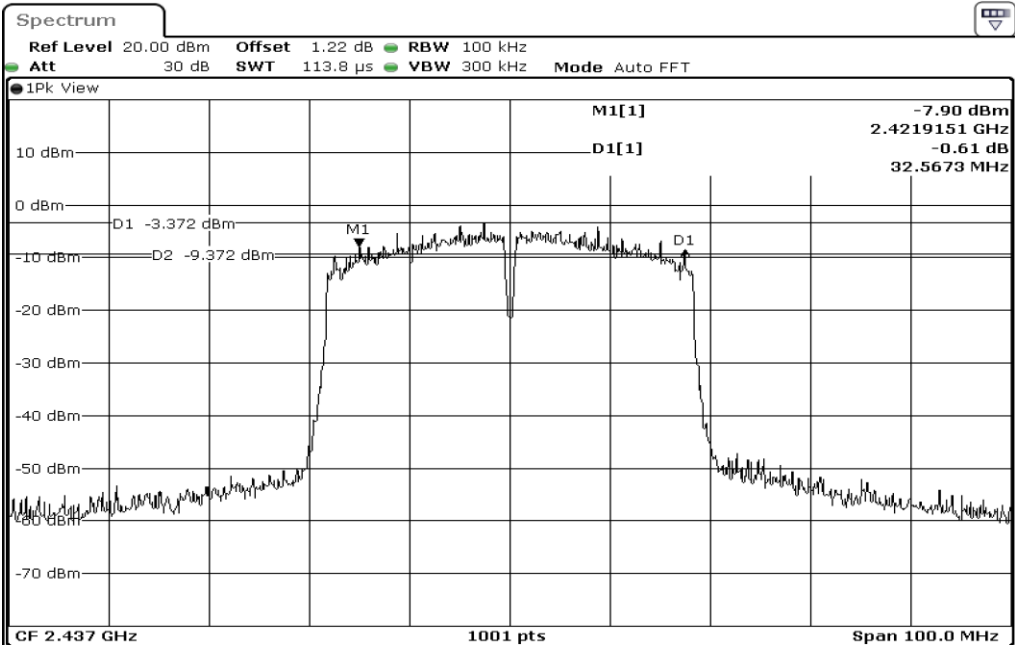
Date: 10.OCT.2024 15:24:01

9	6dB Bandwidth
---	---------------



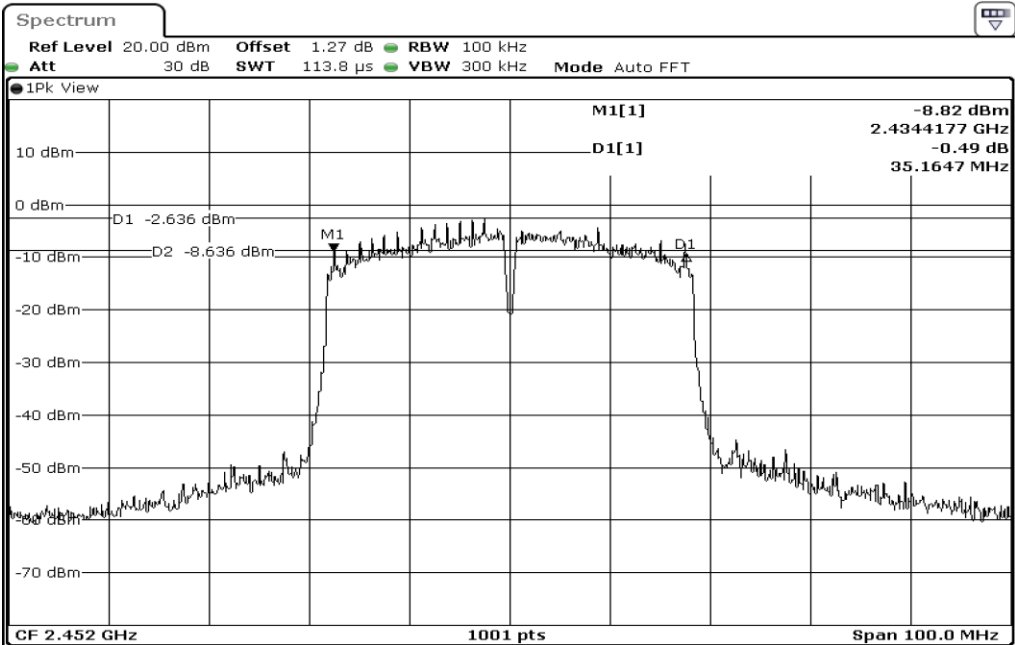
Date: 10.OCT.2024 15:42:35

10	6dB Bandwidth
----	---------------



Date: 10.OCT.2024 15:44:13

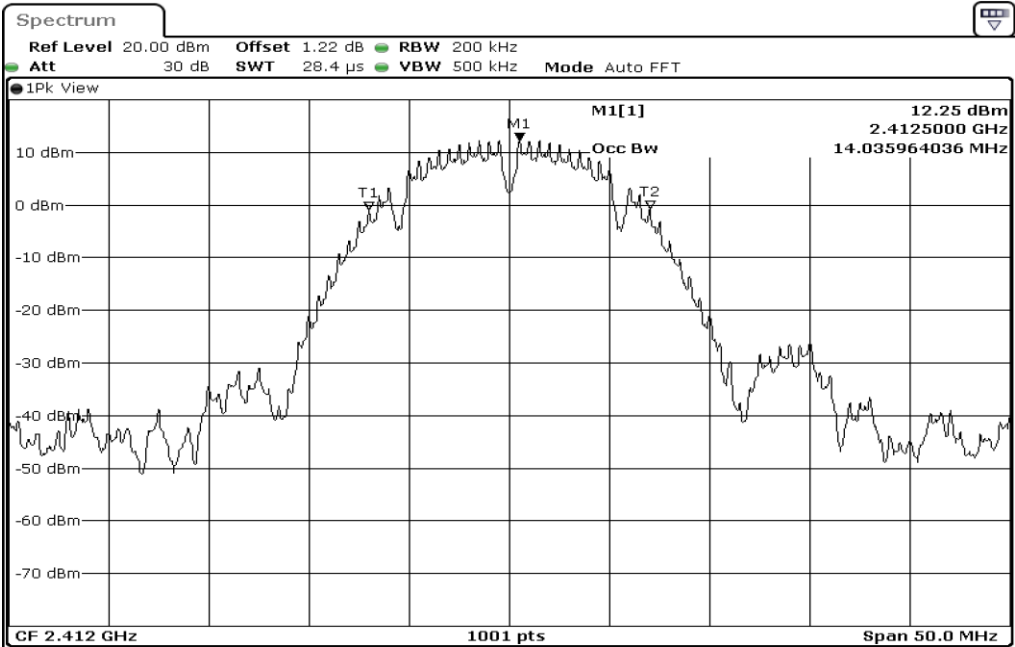
11	6dB Bandwidth
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Date: 10.OCT.2024 15:45:56

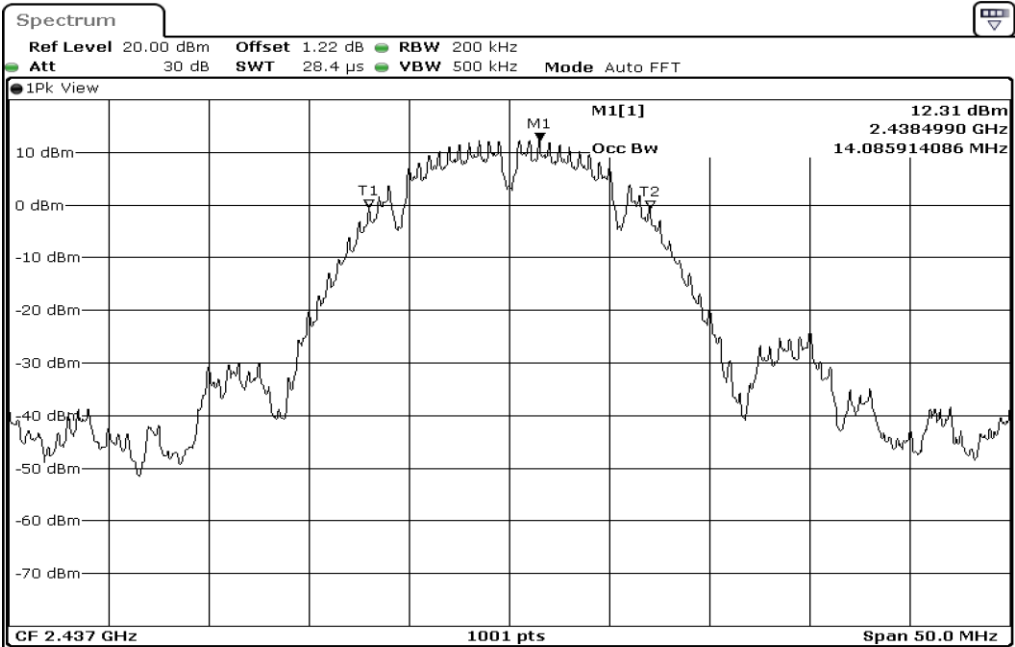
12	6dB Bandwidth
----	---------------

Test Band				WLAN_2.4GHz_DC 12 V			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwidthh	RU Tone	RB index	Verdict
99% Occupied Bandwidth	1	802.11 b	2412	20 MHz	-	-	Pass
	2	802.11 b	2437	20 MHz	-	-	Pass
	3	802.11 b	2462	20 MHz	-	-	Pass
	4	802.11 g	2412	20 MHz	-	-	Pass
	5	802.11 g	2437	20 MHz	-	-	Pass
	6	802.11 g	2462	20 MHz	-	-	Pass
	7	802.11 n20	2412	20 MHz	-	-	Pass
	8	802.11 n20	2437	20 MHz	-	-	Pass
	9	802.11 n20	2462	20 MHz	-	-	Pass
	10	802.11 n40	2422	40 MHz	-	-	Pass
	11	802.11 n40	2437	40 MHz	-	-	Pass
	12	802.11 n40	2452	40 MHz	-	-	Pass



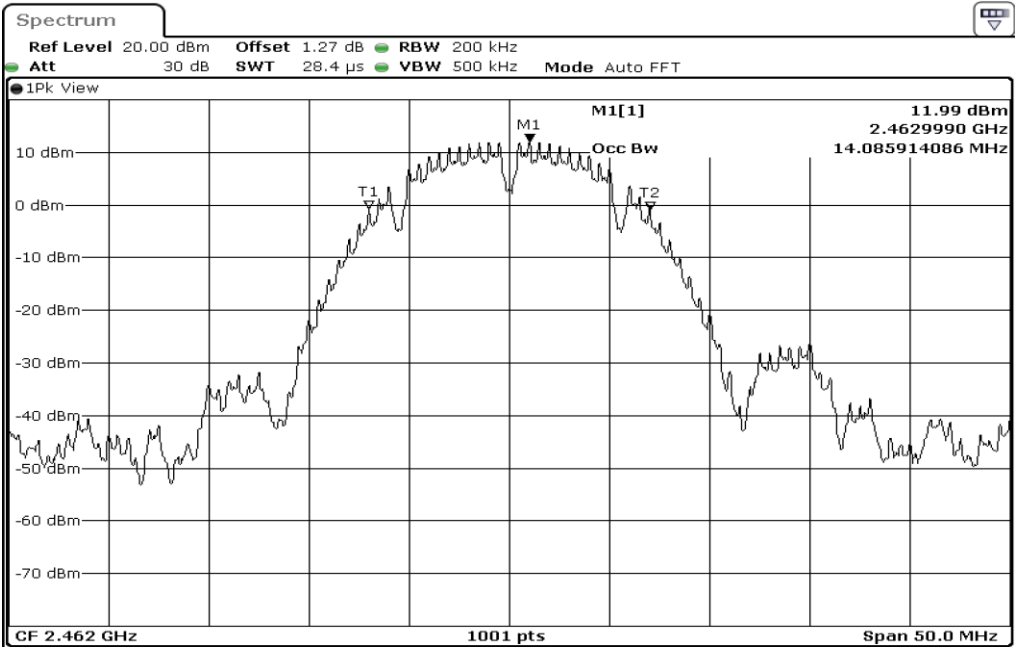
Date: 10.OCT.2024 14:52:11

1	99% Occupied Bandwidth
---	------------------------



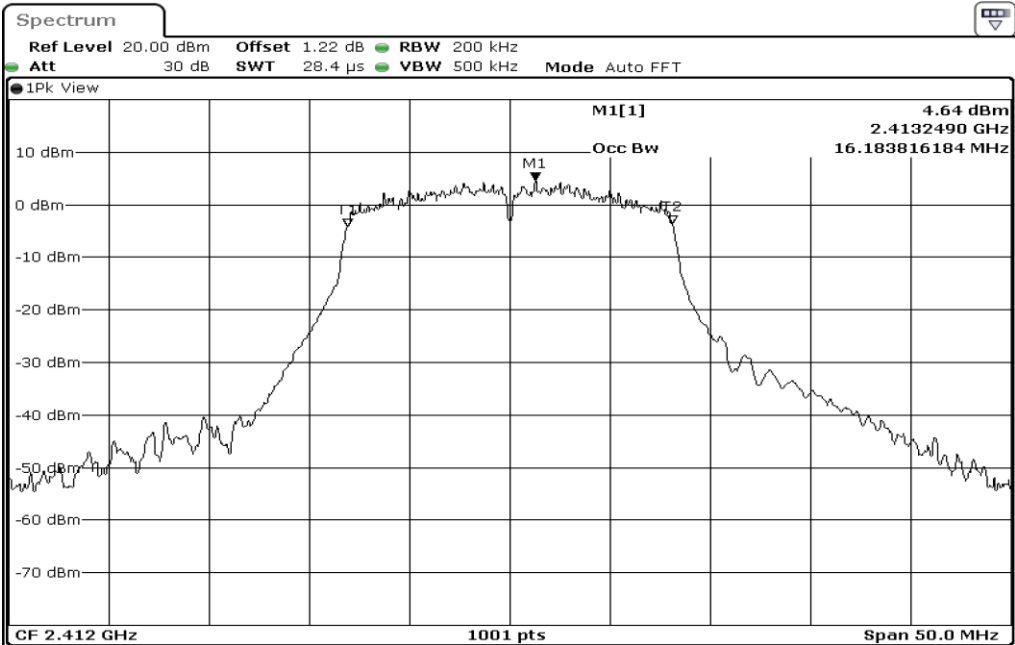
Date: 10.OCT.2024 14:53:42

2	99% Occupied Bandwidth
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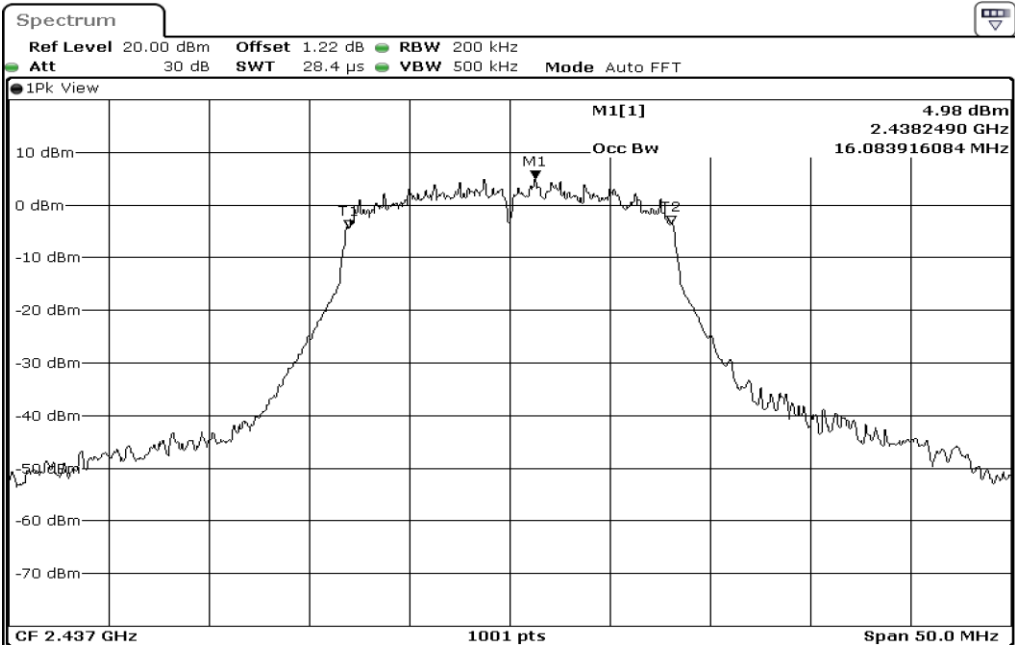
Date: 10.OCT.2024 14:55:11

3	99% Occupied Bandwidth
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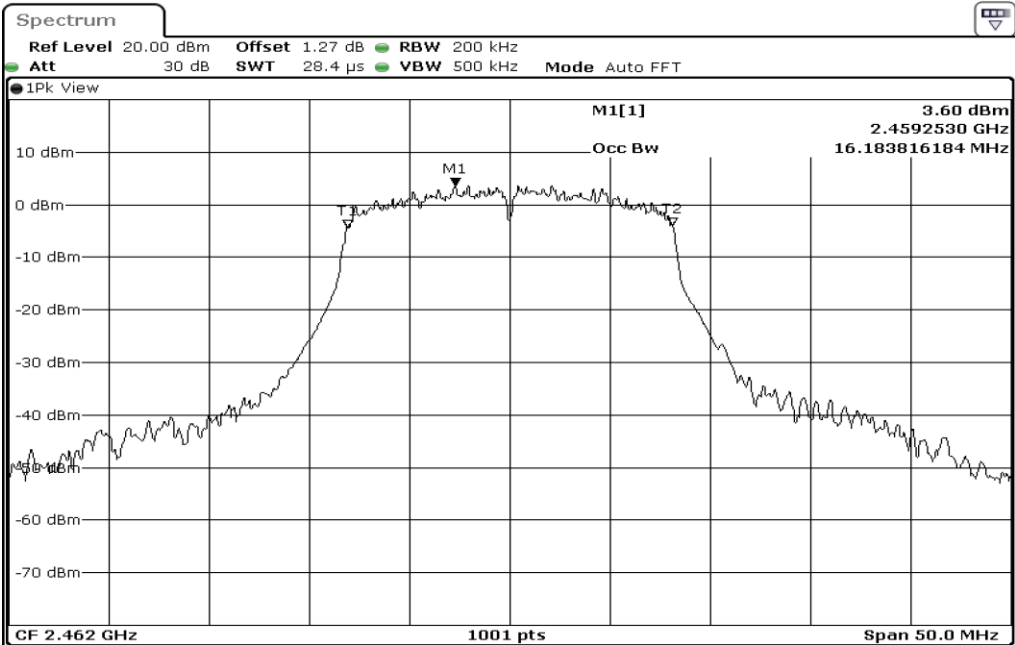
Date: 10.OCT.2024 15:00:04

4	99% Occupied Bandwidth
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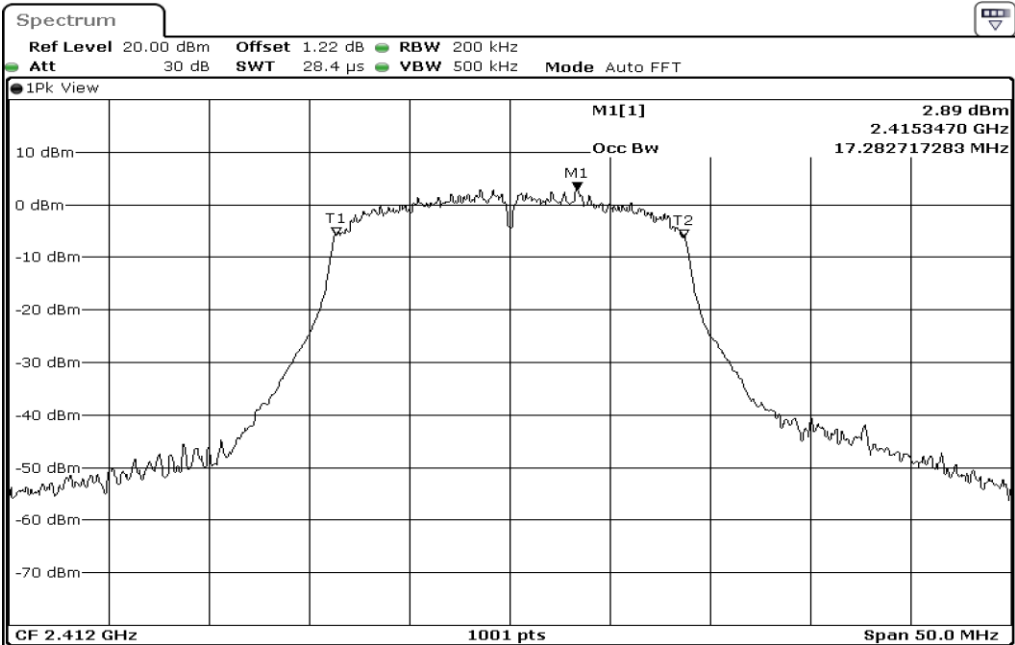
Date: 10.OCT.2024 15:01:36

5	99% Occupied Bandwidth
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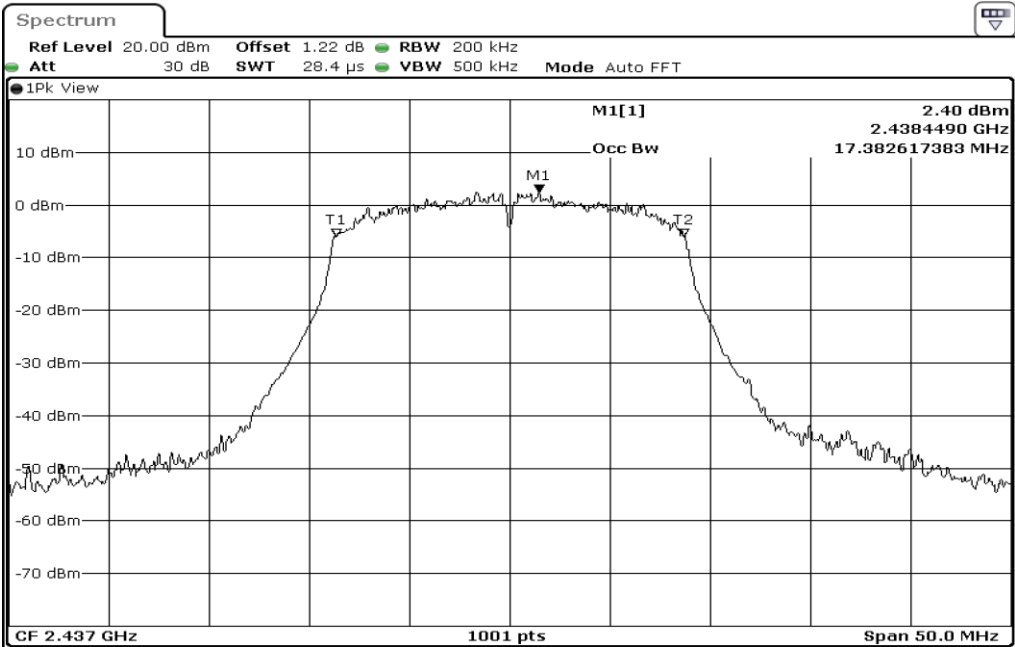
Date: 10.OCT.2024 15:03:03

6	99% Occupied Bandwidth
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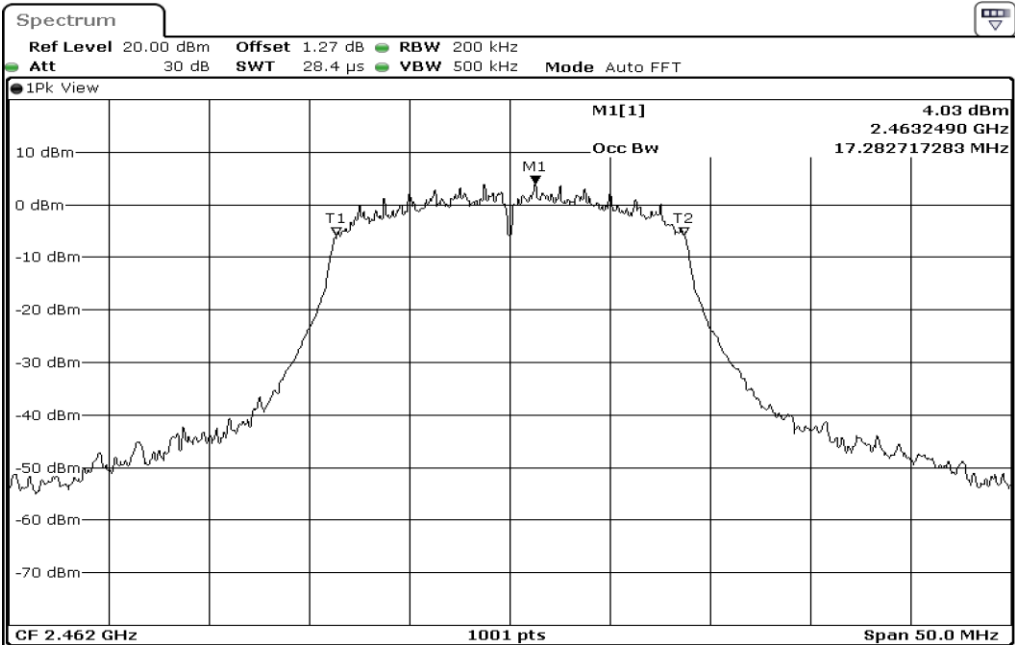
Date: 10.OCT.2024 15:30:40

7	99% Occupied Bandwidth
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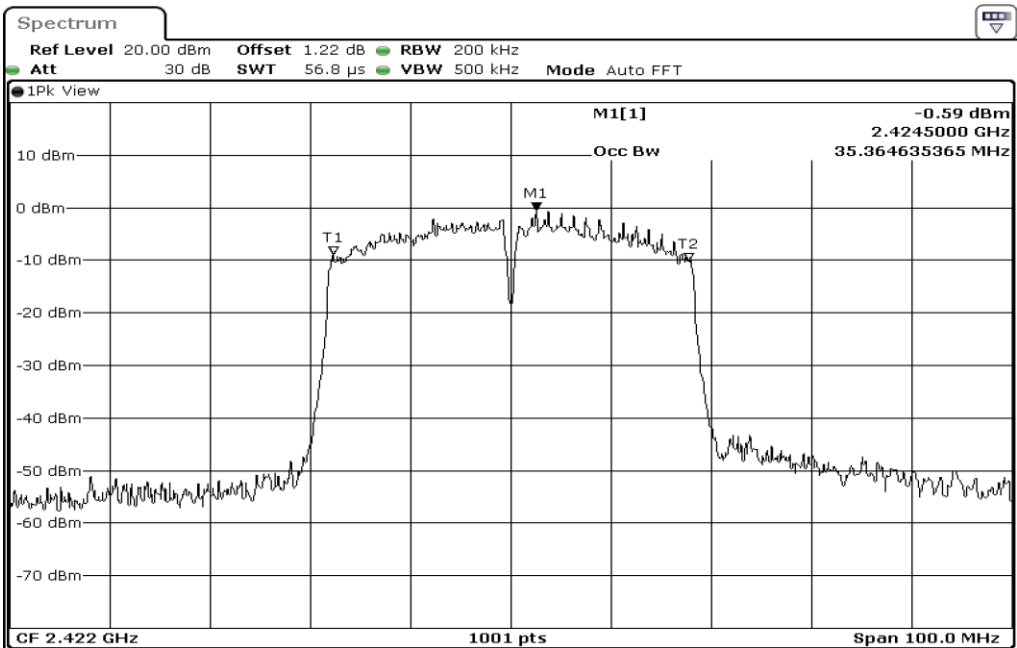
Date: 10.OCT.2024 15:32:12

8	99% Occupied Bandwidth
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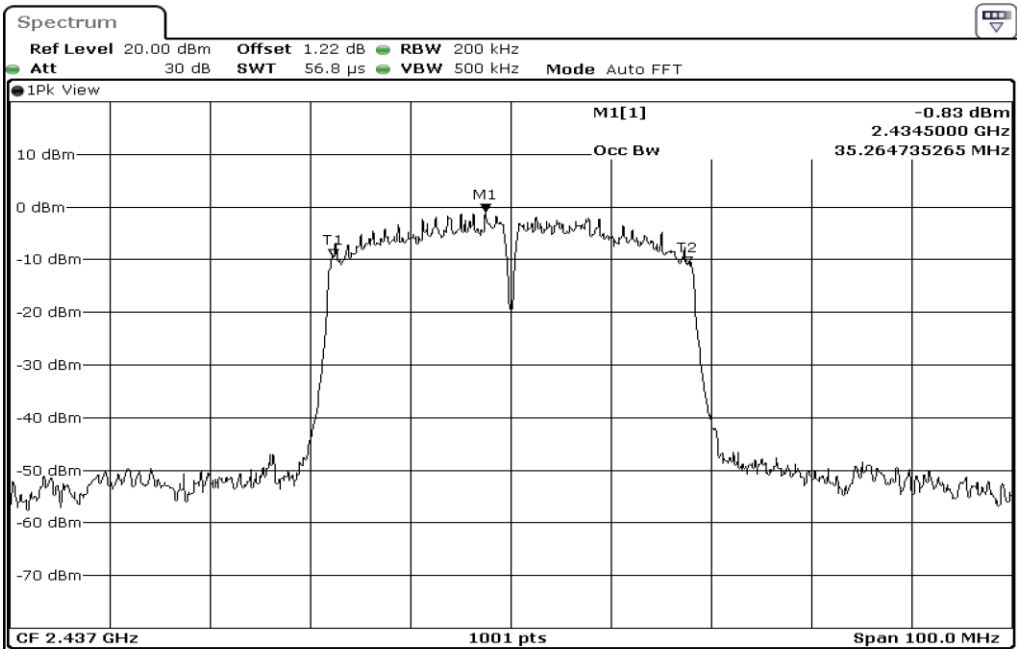
Date: 10.OCT.2024 15:33:47

9	99% Occupied Bandwidth
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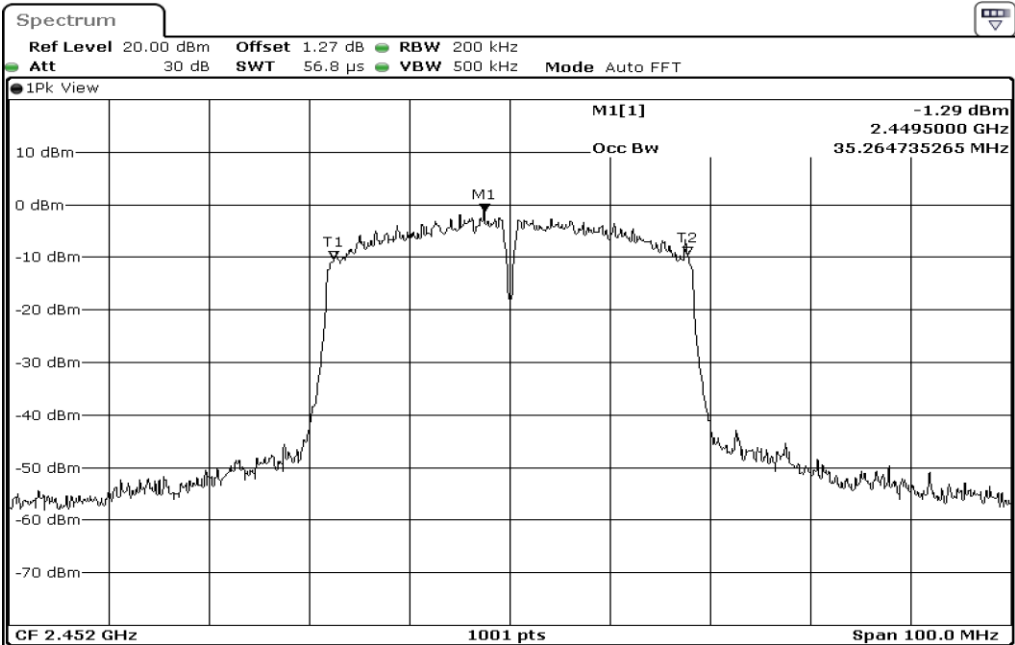
Date: 10.OCT.2024 15:37:19

10	99% Occupied Bandwidth
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Date: 10.OCT.2024 15:38:58

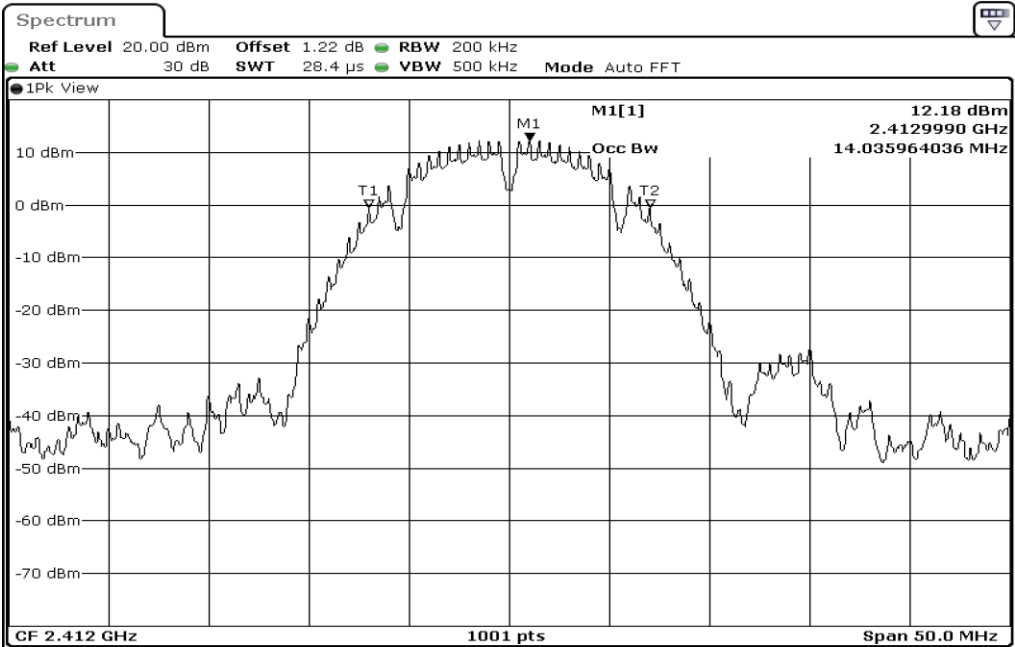
11	99% Occupied Bandwidth
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Date: 10.OCT.2024 15:40:35

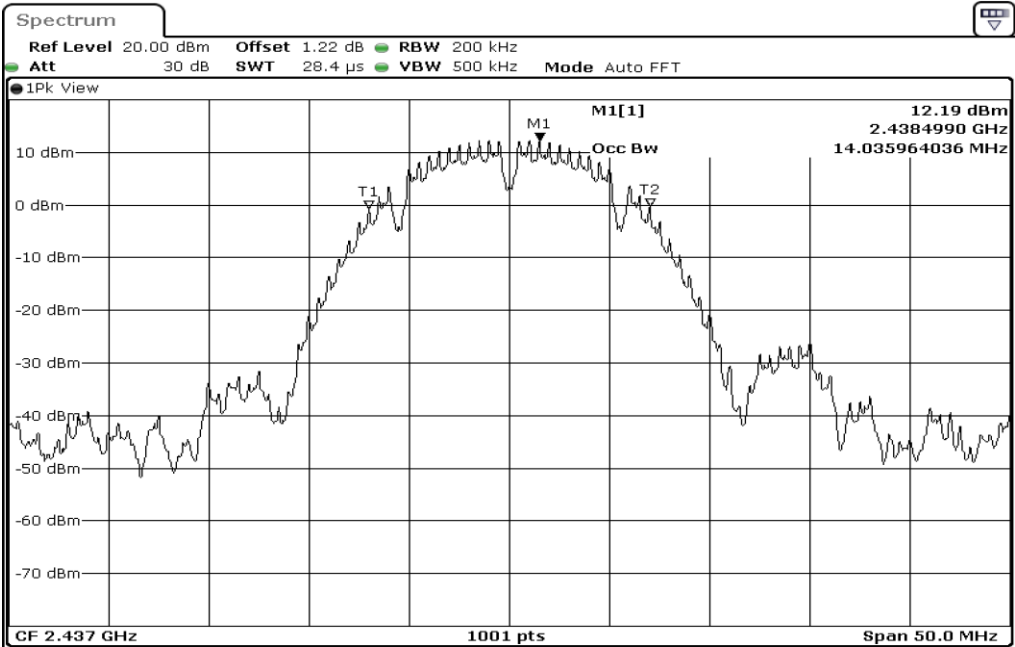
12	99% Occupied Bandwidth
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Test Band				WLAN_2.4GHz_DC 24 V			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwidthh	RU Tone	RB index	Verdict
99% Occupied Bandwidth	1	802.11 b	2412	20 MHz	-	-	Pass
	2	802.11 b	2437	20 MHz	-	-	Pass
	3	802.11 b	2462	20 MHz	-	-	Pass
	4	802.11 g	2412	20 MHz	-	-	Pass
	5	802.11 g	2437	20 MHz	-	-	Pass
	6	802.11 g	2462	20 MHz	-	-	Pass
	7	802.11 n20	2412	20 MHz	-	-	Pass
	8	802.11 n20	2437	20 MHz	-	-	Pass
	9	802.11 n20	2462	20 MHz	-	-	Pass
	10	802.11 n40	2422	40 MHz	-	-	Pass
	11	802.11 n40	2437	40 MHz	-	-	Pass
	12	802.11 n40	2452	40 MHz	-	-	Pass



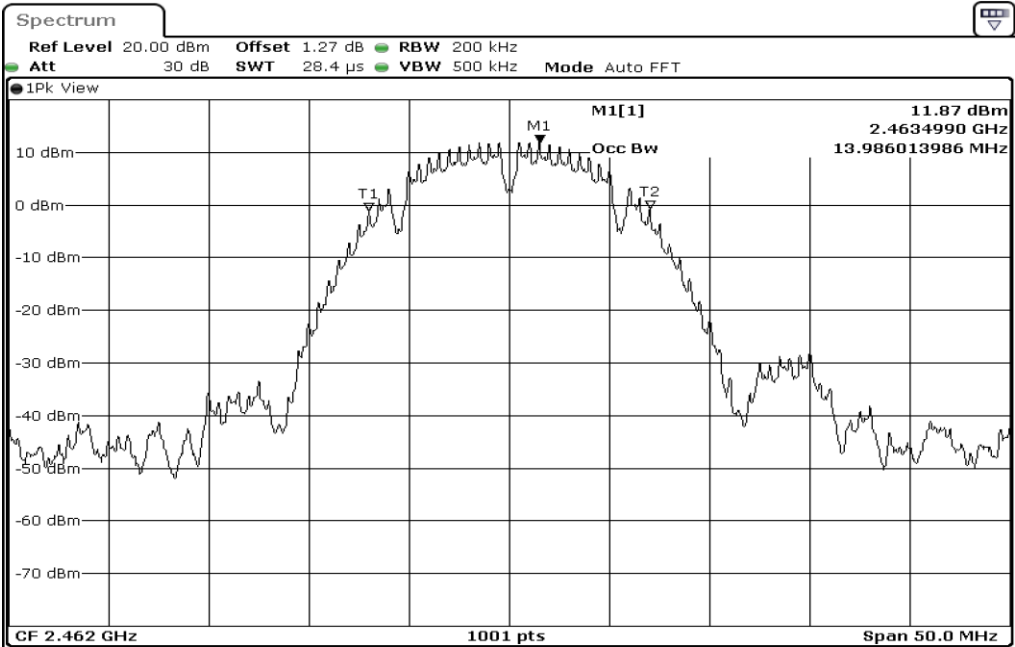
Date: 10.OCT.2024 14:46:22

1	99% Occupied Bandwidth
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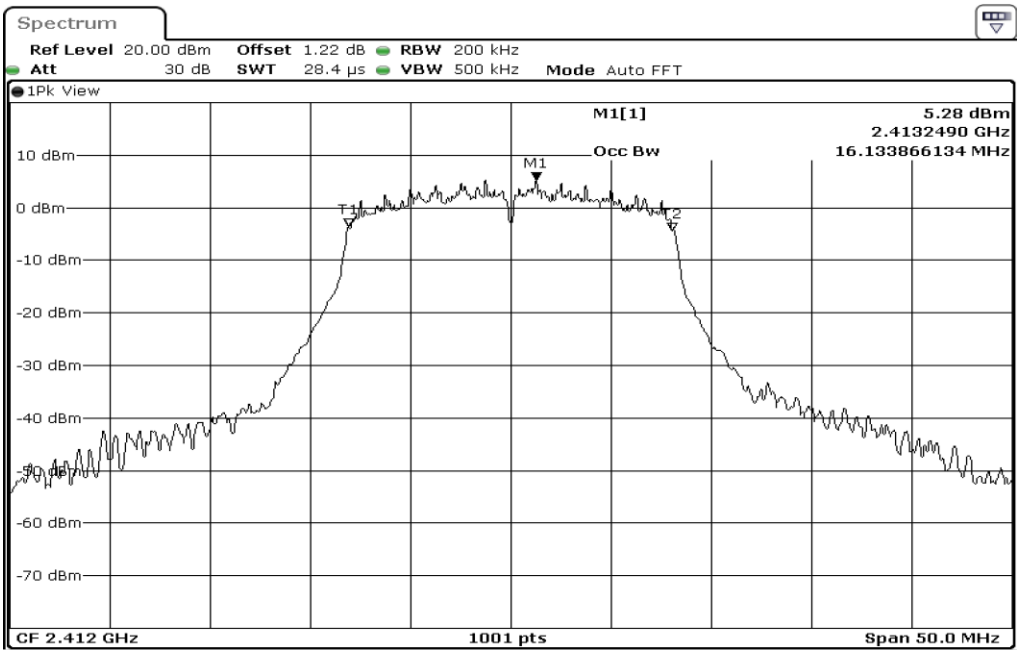
Date: 10.OCT.2024 14:47:53

2	99% Occupied Bandwidth
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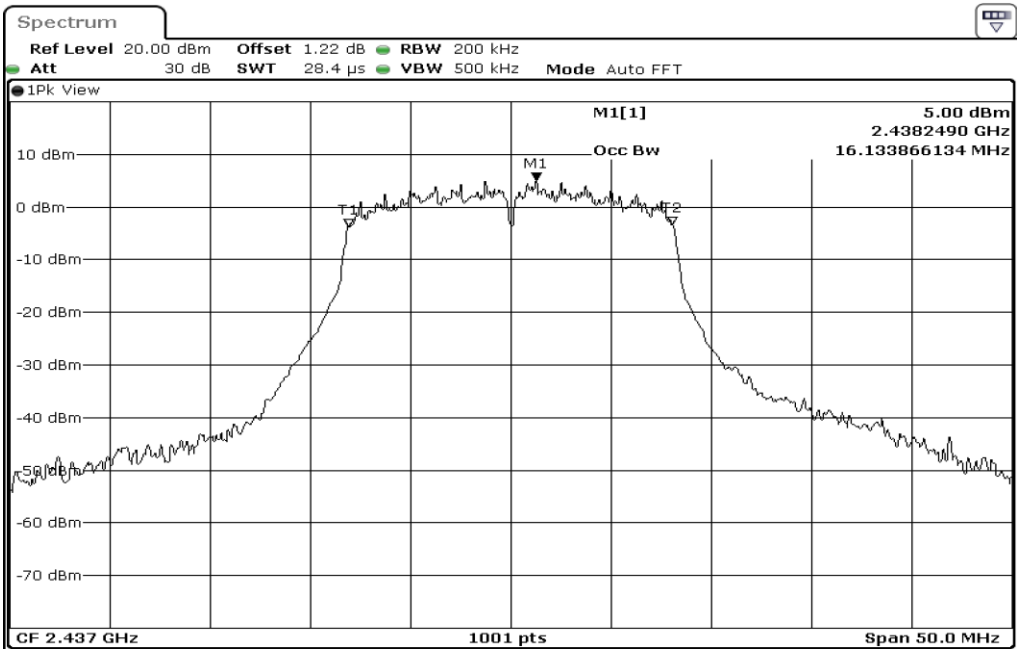
Date: 10.OCT.2024 14:49:25

3	99% Occupied Bandwidth
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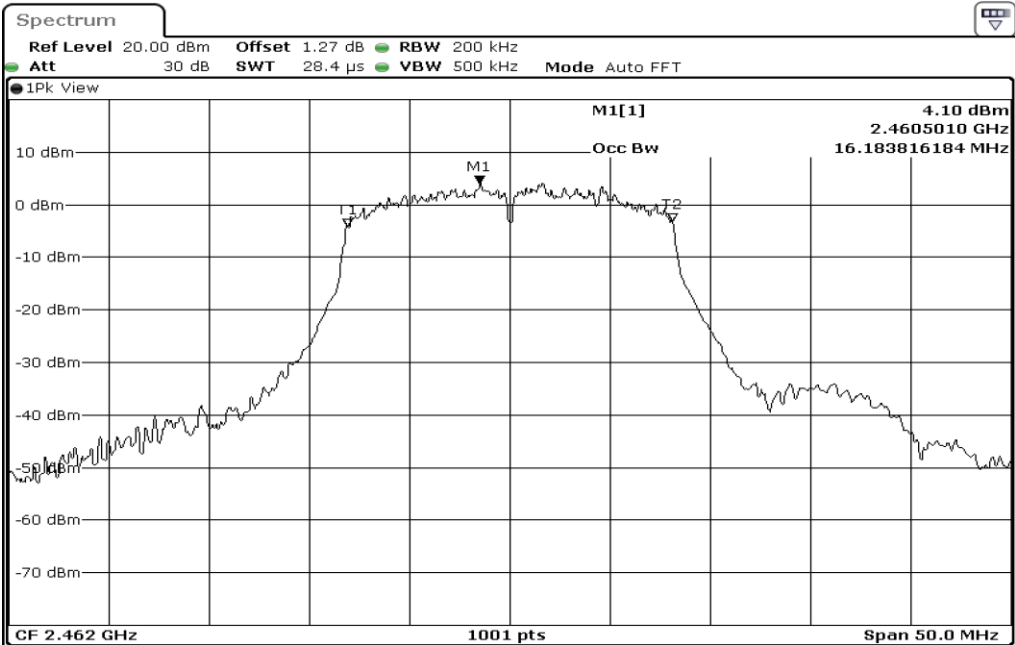
Date: 10.OCT.2024 15:05:37

4	99% Occupied Bandwidth
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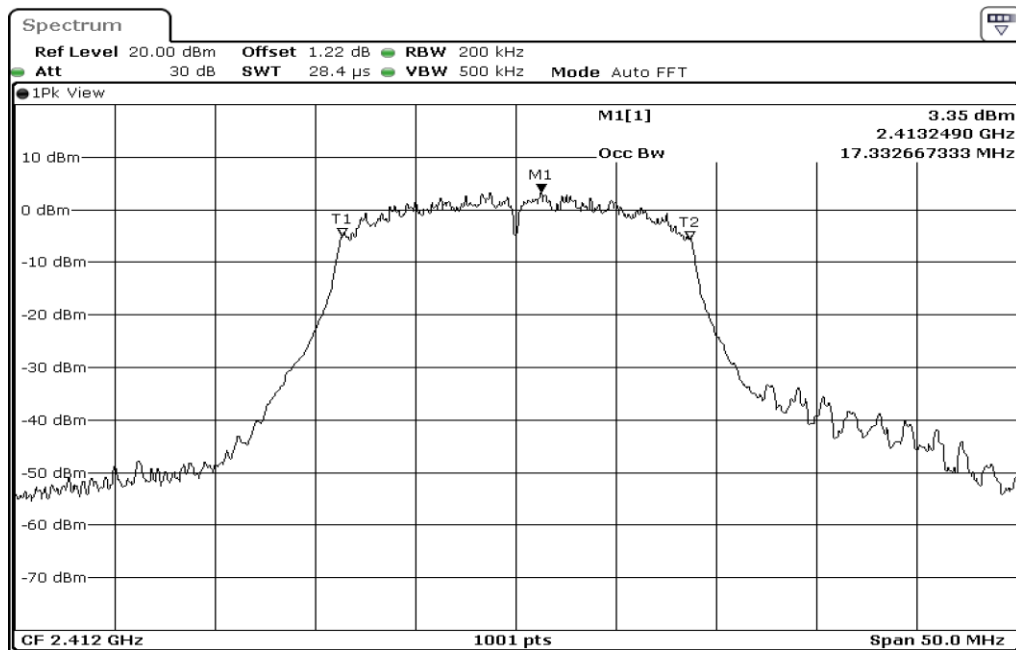
Date: 10.OCT.2024 15:09:28

5	99% Occupied Bandwidth
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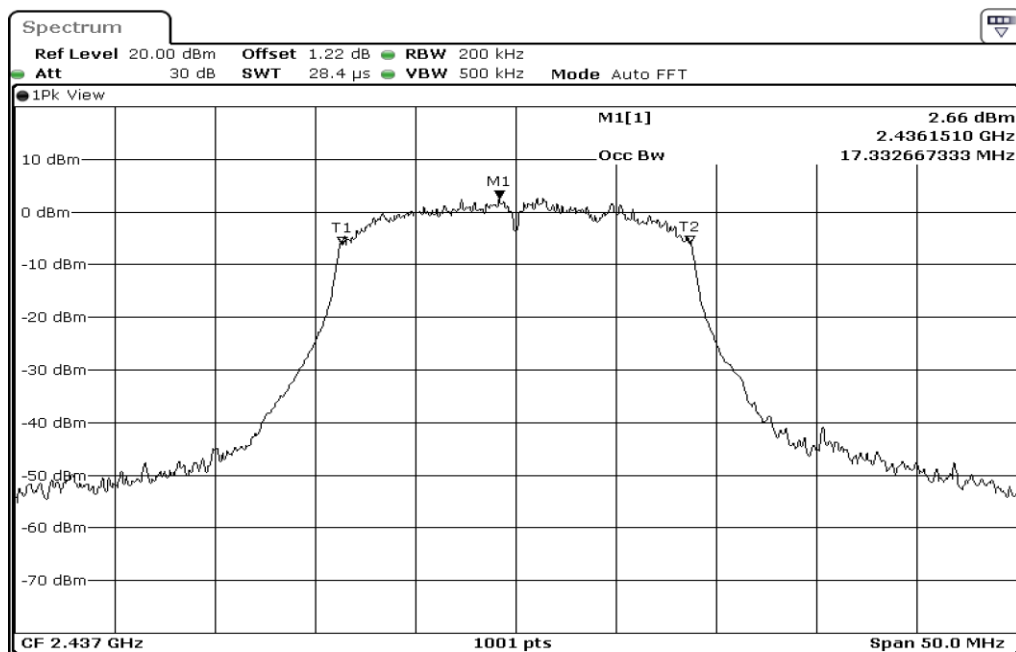
Date: 10.OCT.2024 15:10:57

6	99% Occupied Bandwidth
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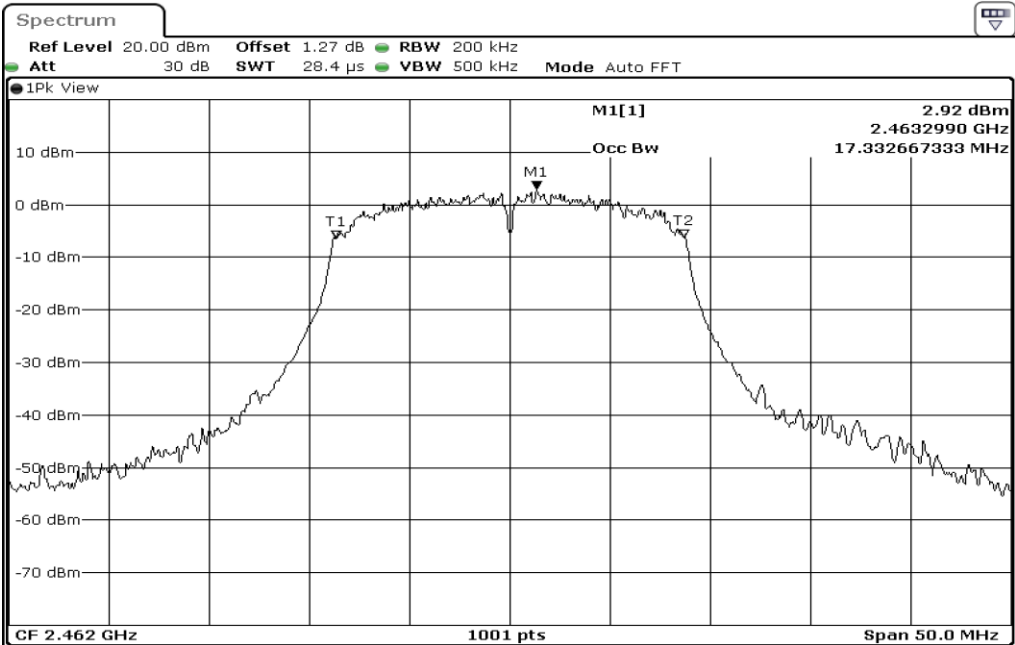
Date: 10.OCT.2024 15:20:12

7	99% Occupied Bandwidth
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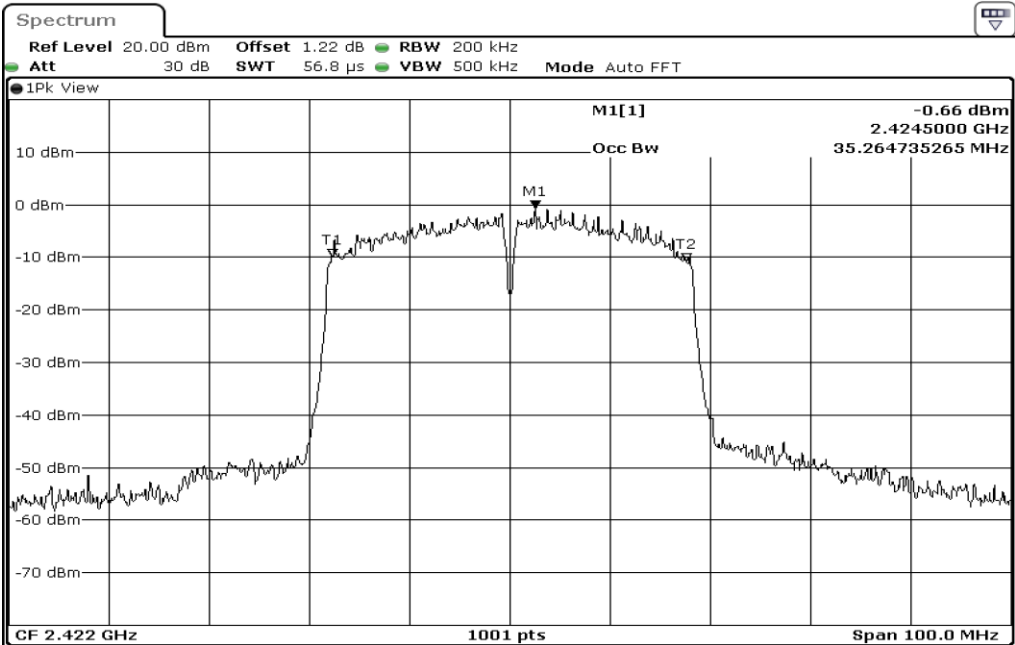
Date: 10.OCT.2024 15:21:43

8	99% Occupied Bandwidth
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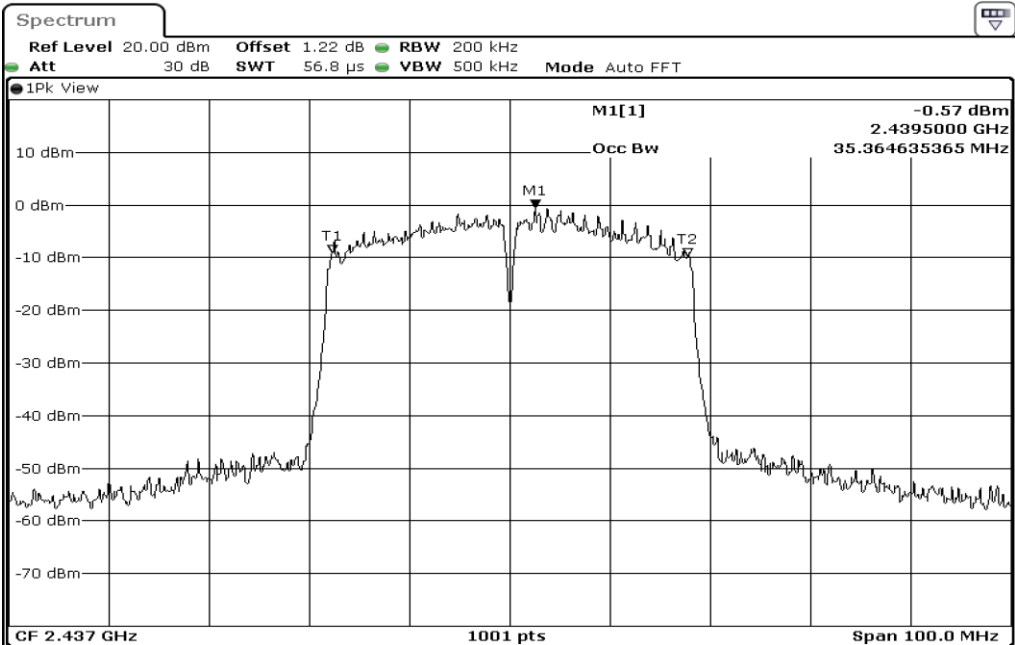
Date: 10.OCT.2024 15:24:09

9	99% Occupied Bandwidth
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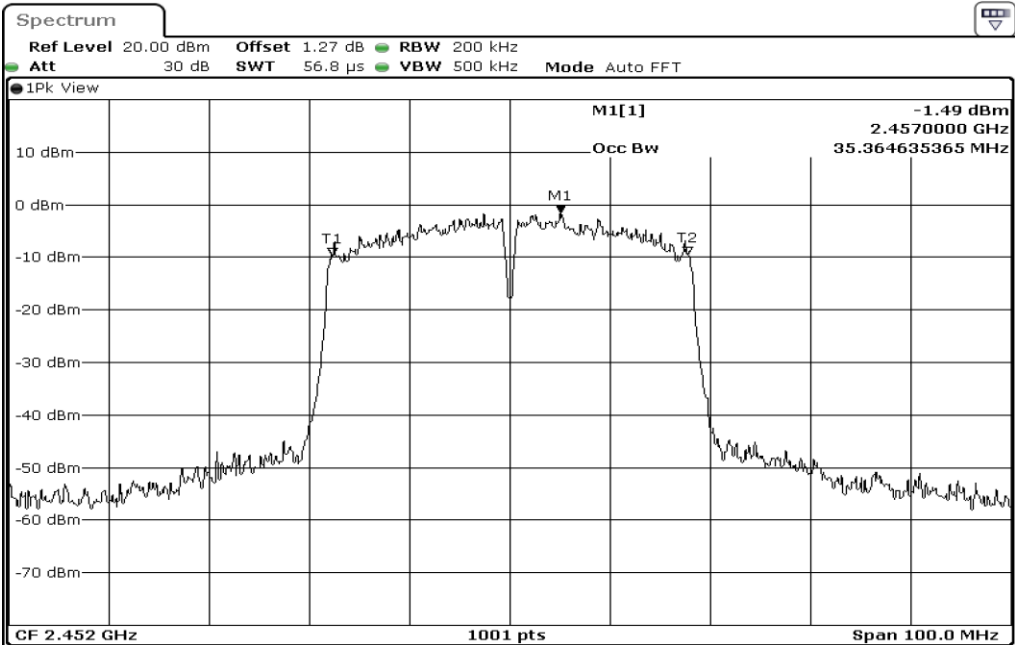
Date: 10.OCT.2024 15:42:43

10	99% Occupied Bandwidth
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Date: 10.OCT.2024 15:44:21

11	99% Occupied Bandwidth
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Date: 10.OCT.2024 15:46:04

12	99% Occupied Bandwidth
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