

## FCC Part 15.247

## Test Information:

<b>Serial No.:</b>	2GJV-2	<b>Test Date:</b>	2024/03/01
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Chin	<b>Test Result:</b>	Pass

## Environmental Conditions:

<b>Temperature:</b> (°C)	22.9	<b>Relative Humidity:</b> (%)	48	<b>ATM Pressure:</b> (kPa)	101.6
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## Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2023/03/31	2024/03/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A

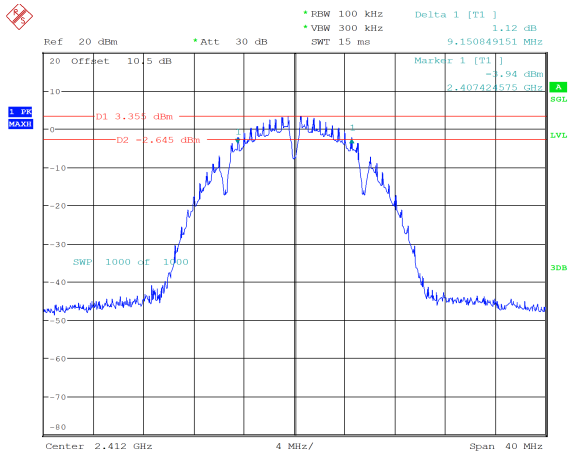
\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**6dB Emission Bandwidth**

<b>Mode</b>	<b>Value (MHz)</b>	<b>Limit (MHz)</b>	<b>Result</b>
b_2412MHz_Chain 0	9.151	0.5	Pass
b_2437MHz_Chain 0	9.111	0.5	Pass
b_2462MHz_Chain 0	9.151	0.5	Pass
g_2412MHz_Chain 0	16.464	0.5	Pass
g_2437MHz_Chain 0	16.464	0.5	Pass
g_2462MHz_Chain 0	16.464	0.5	Pass
n20_2412MHz_Chain 0	17.702	0.5	Pass
n20_2437MHz_Chain 0	17.662	0.5	Pass
n20_2462MHz_Chain 0	17.423	0.5	Pass
n40_2422MHz_Chain 0	36.523	0.5	Pass
n40_2437MHz_Chain 0	36.284	0.5	Pass
n40_2452MHz_Chain 0	36.284	0.5	Pass

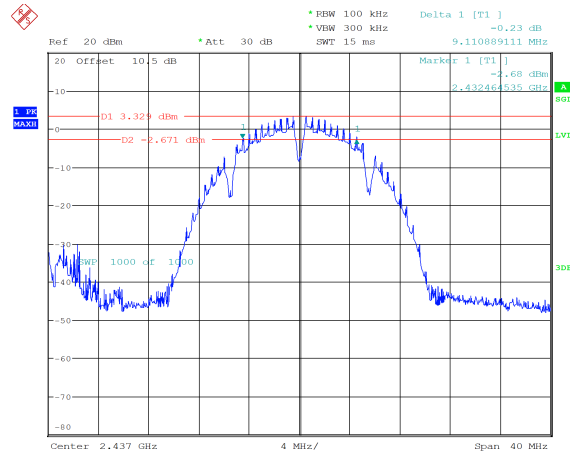
2.4G

b\_2412MHz\_Chain 0 9.151 MHz



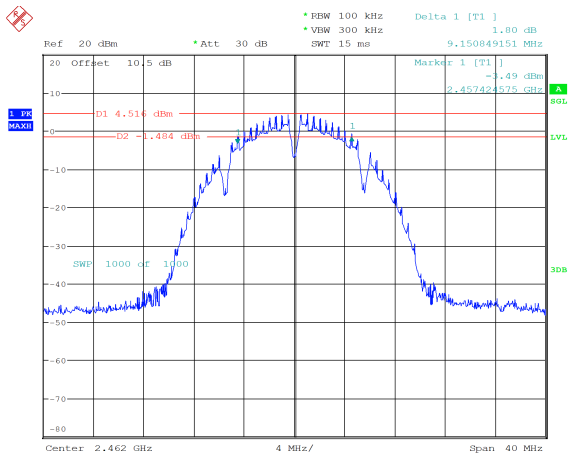
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:48:41

b\_2437MHz\_Chain 0 9.111 MHz



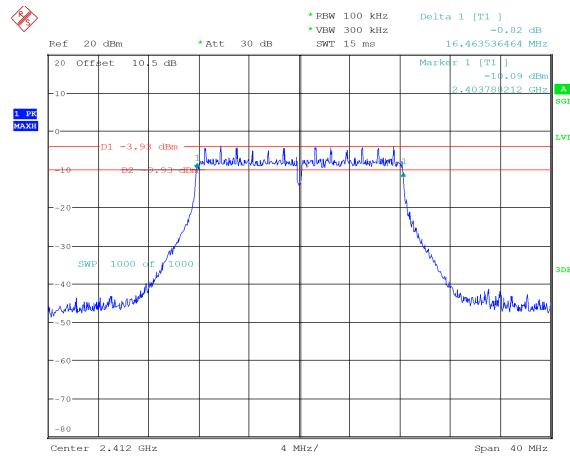
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:52:27

b\_2462MHz\_Chain 0 9.151 MHz



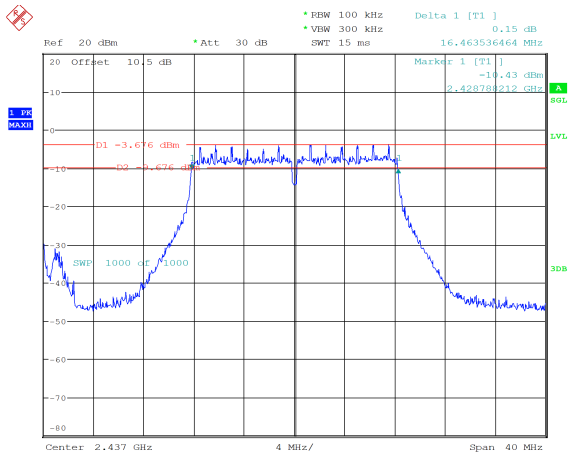
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:57:40

g\_2412MHz\_Chain 0 16.464 MHz



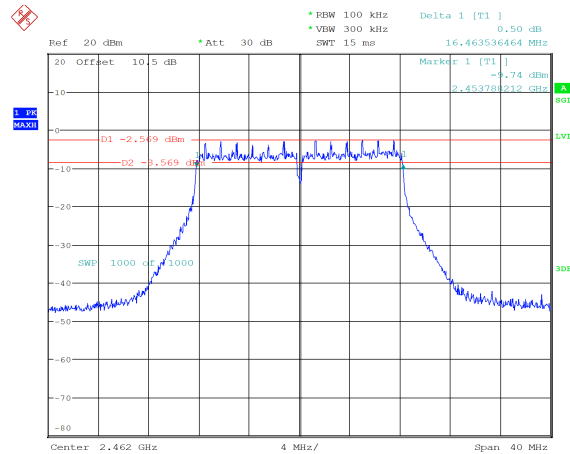
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:17:54

g\_2437MHz\_Chain 0 16.464 MHz



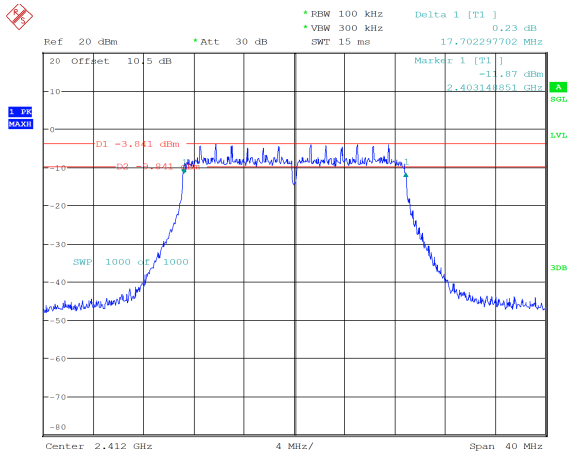
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Date: 1.MAR.2024 18:23:34

g\_2462MHz\_Chain 0 16.464 MHz



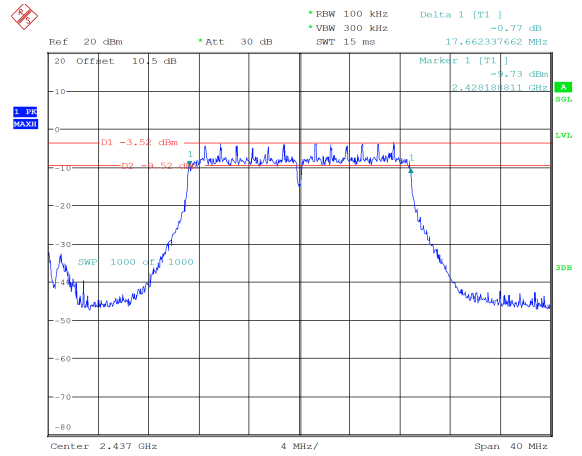
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:30:52

n20\_2412MHz\_Chain 0 17.702 MHz



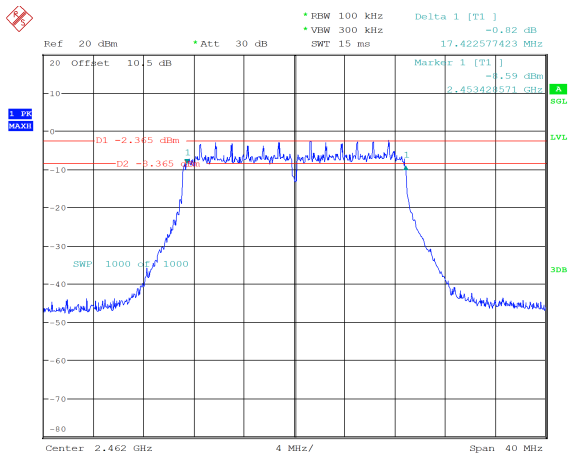
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Date: 1.MAR.2024 18:38:32

n20\_2437MHz\_Chain 0 17.662 MHz



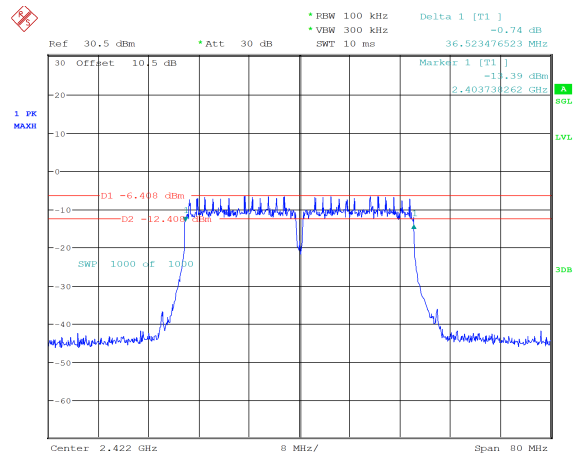
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:42:02

n20\_2462MHz\_Chain 0 17.423 MHz



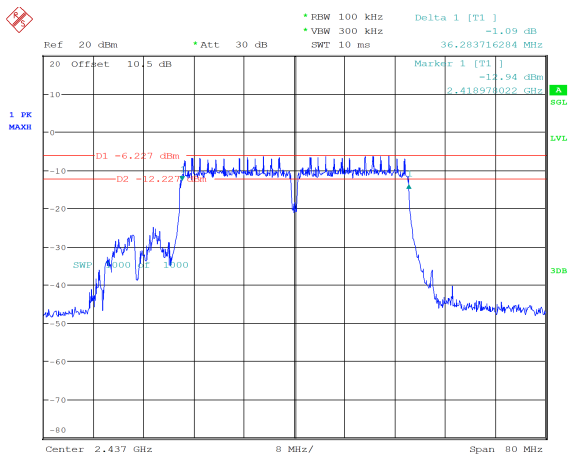
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:57:02

n40\_2422MHz\_Chain 0 36.523 MHz



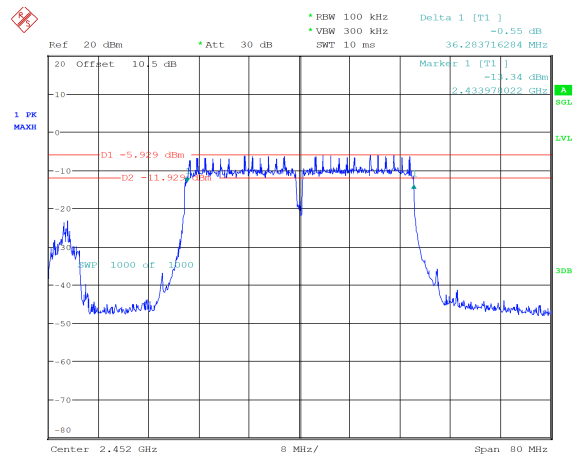
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:30:26

n40\_2437MHz\_Chain 0 36.284 MHz



ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:32:09

n40\_2452MHz\_Chain 0 36.284 MHz



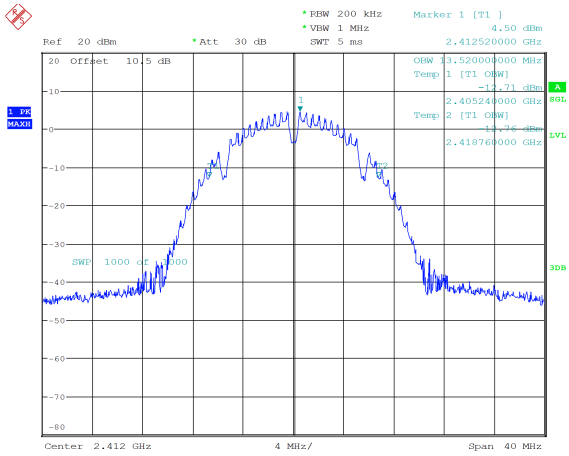
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:33:56

**99% Occupied Bandwidth**

<b>Mode</b>	<b>99% OBW (MHz)</b>
b_2412MHz_Chain 0	13.520
b_2437MHz_Chain 0	13.560
b_2462MHz_Chain 0	13.480
g_2412MHz_Chain 0	16.800
g_2437MHz_Chain 0	16.720
g_2462MHz_Chain 0	16.800
n20_2412MHz_Chain 0	17.800
n20_2437MHz_Chain 0	17.880
n20_2462MHz_Chain 0	17.840
n40_2422MHz_Chain 0	36.400
n40_2437MHz_Chain 0	36.720
n40_2452MHz_Chain 0	36.480

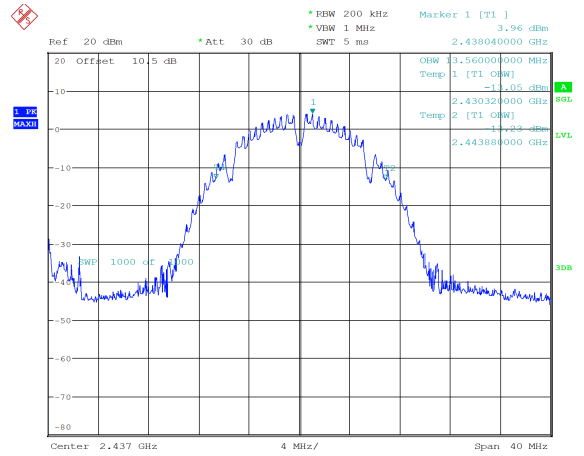
2.4G

b\_2412MHz\_Chain 0 13.520 MHz



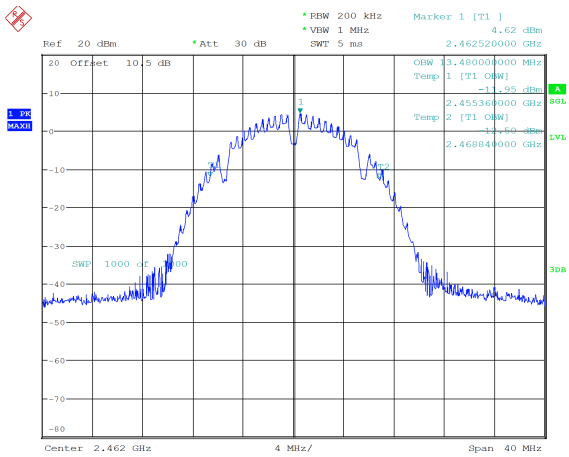
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:05:56

b\_2437MHz\_Chain 0 13.560 MHz



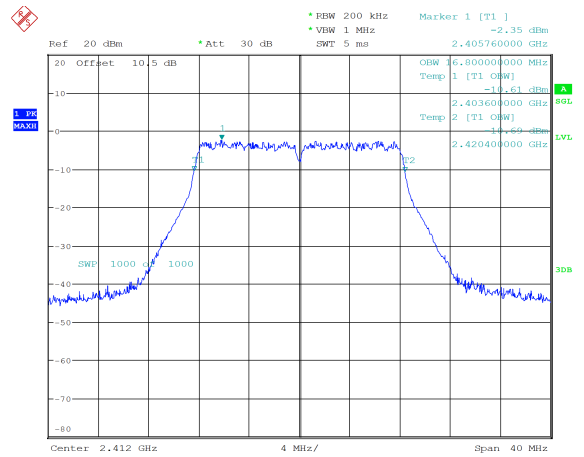
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:07:27

b\_2462MHz\_Chain 0 13.480 MHz



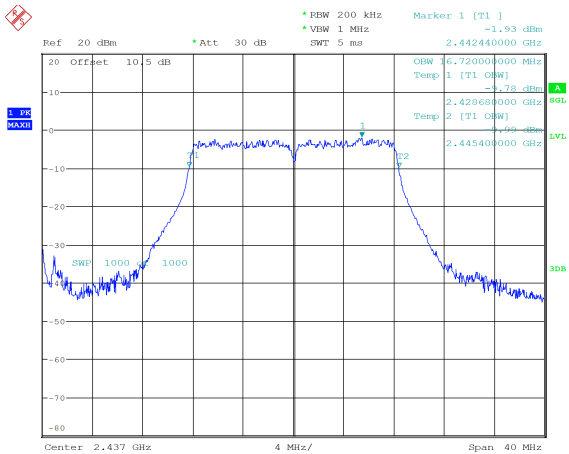
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:09:22

g\_2412MHz\_Chain 0 16.800 MHz



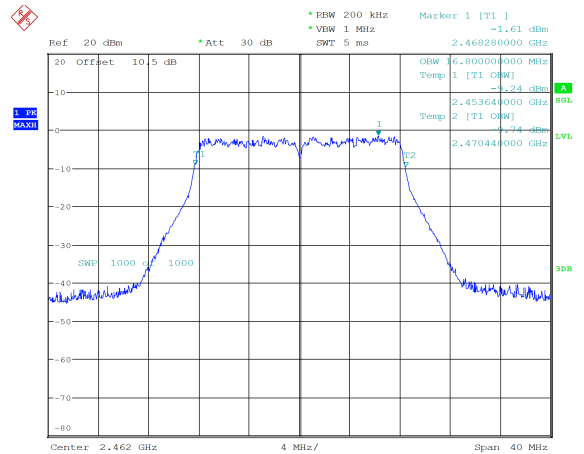
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:11:25

g\_2437MHz\_Chain 0 16.720 MHz



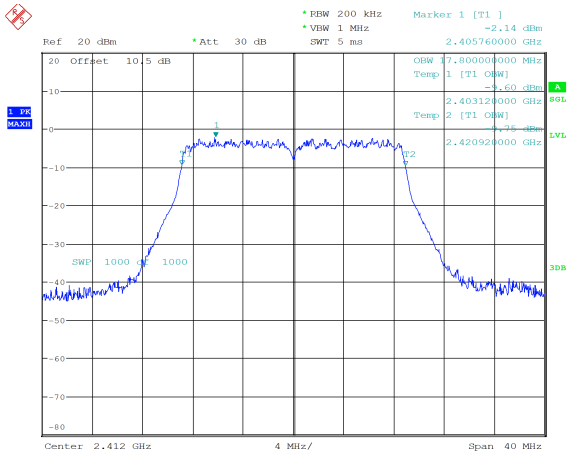
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:13:02

g\_2462MHz\_Chain 0 16.800 MHz



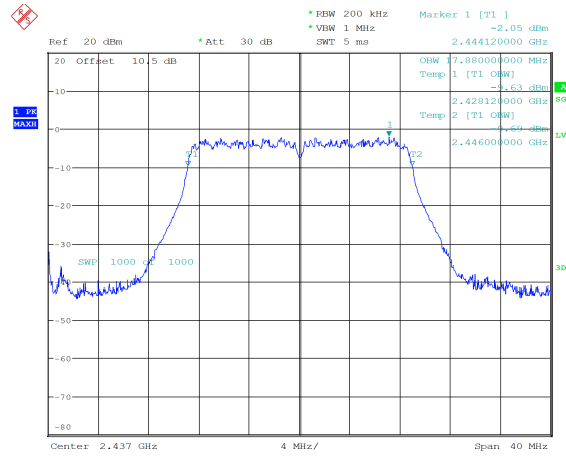
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:14:59

n20\_2412MHz\_Chain 0 17.800 MHz



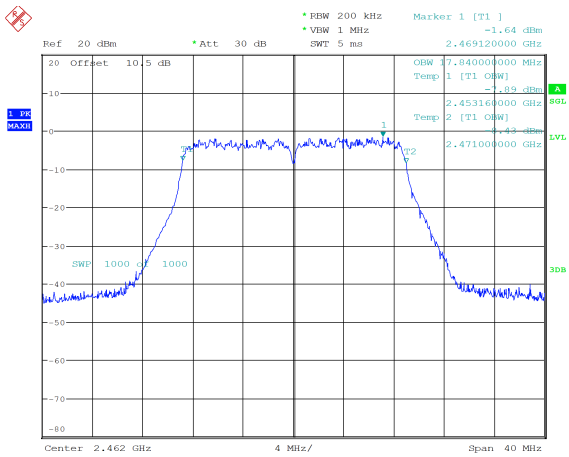
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:16:53

n20\_2437MHz\_Chain 0 17.880 MHz



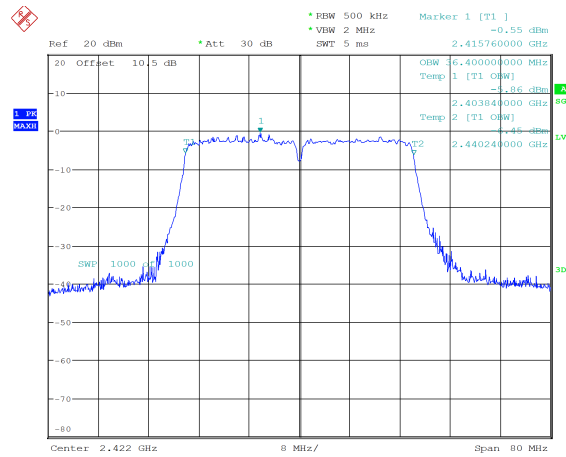
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:18:15

n20\_2462MHz\_Chain 0 17.840 MHz



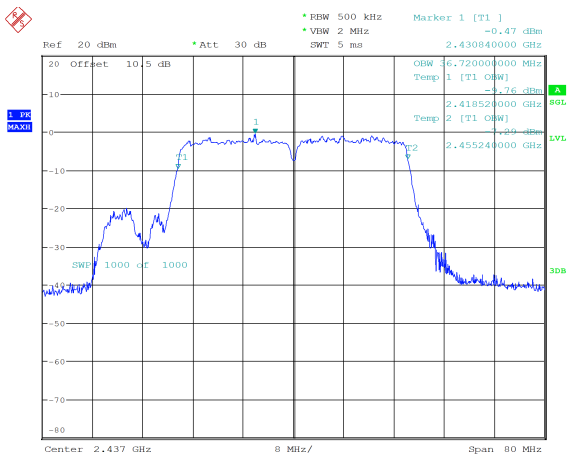
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:20:10

n40\_2422MHz\_Chain 0 36.400 MHz



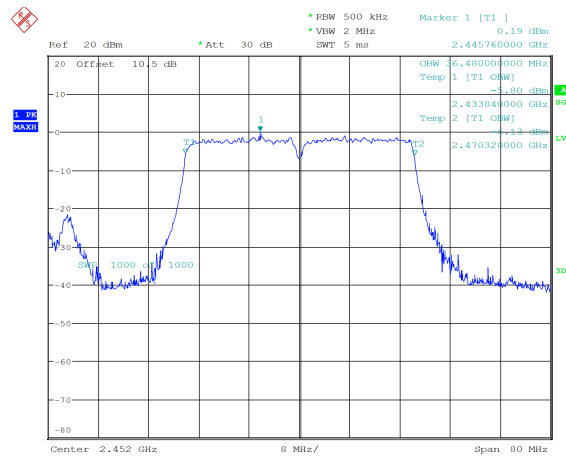
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:21:38

n40\_2437MHz\_Chain 0 36.720 MHz



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:23:00

n40\_2452MHz\_Chain 0 36.480 MHz



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:24:09

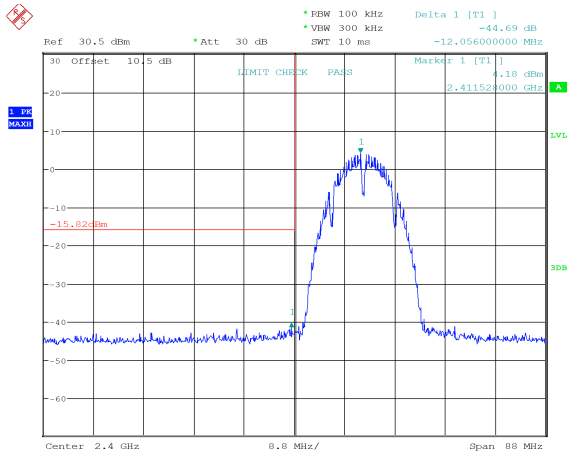
**100 kHz Bandwidth of Frequency Band Edge**

<b>Mode</b>	<b>Value (dB)</b>	<b>Limit (dB)</b>	<b>Result</b>
b_2412MHz_Chain 0	44.69	20.00	Pass
b_2462MHz_Chain 0	47.02	20.00	Pass
g_2412MHz_Chain 0	35.71	20.00	Pass
g_2462MHz_Chain 0	39.59	20.00	Pass
n20_2412MHz_Chain 0	35.45	20.00	Pass
n20_2462MHz_Chain 0	39.64	20.00	Pass
n40_2422MHz_Chain 0	32.51	20.00	Pass
n40_2452MHz_Chain 0	35.96	20.00	Pass



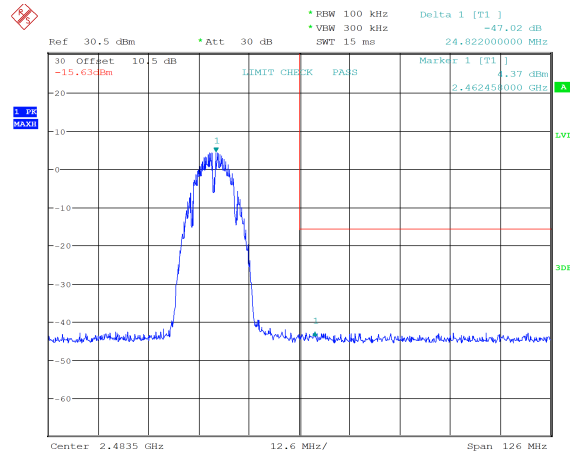
2.4G

b\_2412MHz\_Chain 0 44.69 dB



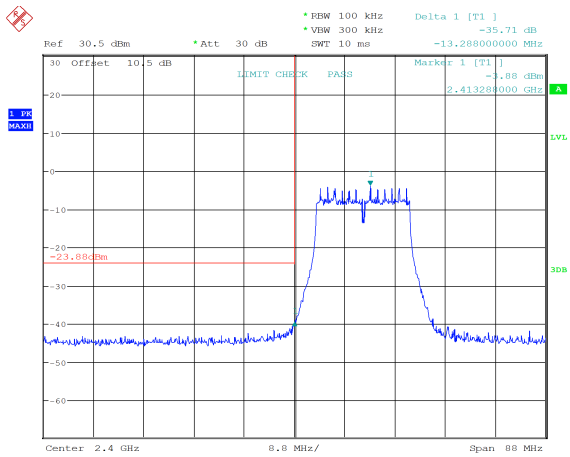
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 20:33:17

b\_2462MHz\_Chain 0 47.02 dB



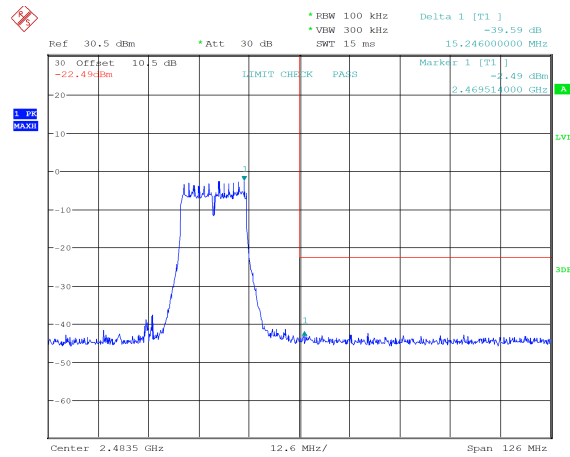
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:56:09

g\_2412MHz\_Chain 0 35.71 dB



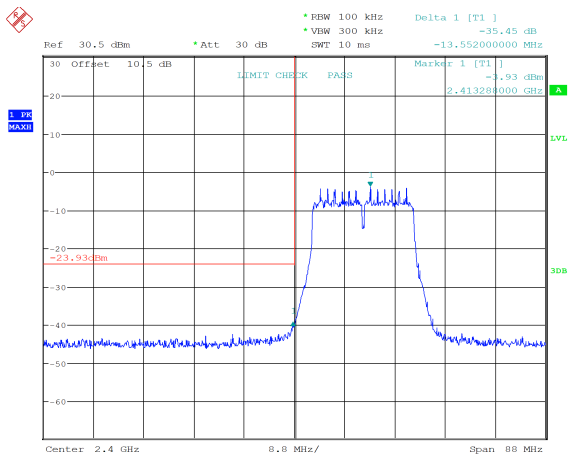
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:16:42

g\_2462MHz\_Chain 0 39.59 dB



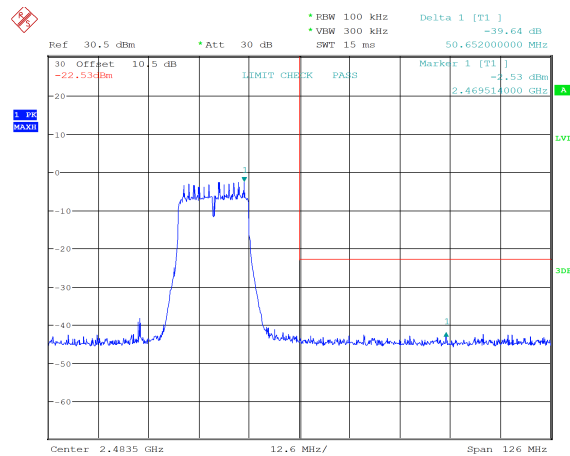
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:28:40

n20\_2412MHz\_Chain 0 35.45 dB



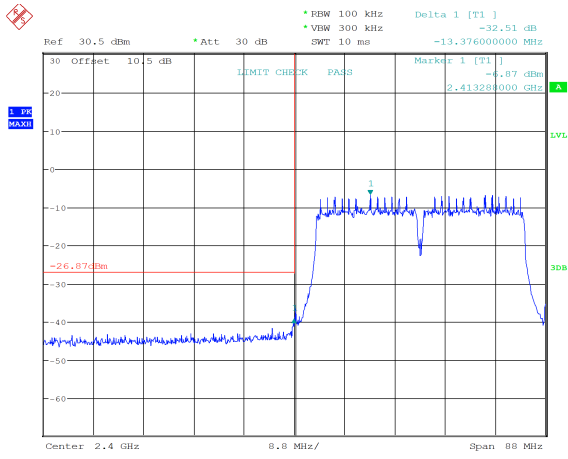
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:36:41

n20\_2462MHz\_Chain 0 39.64 dB

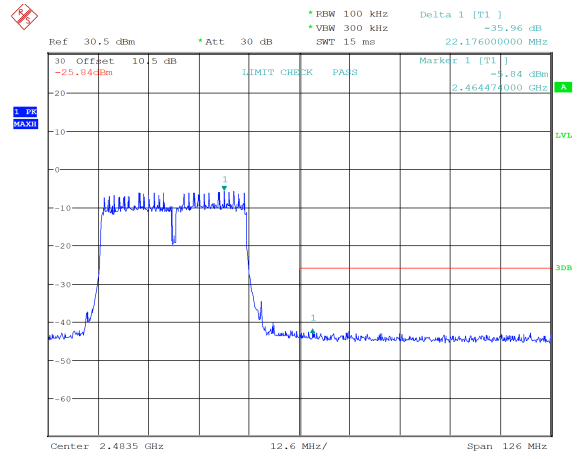


ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:54:50

n40\_2422MHz\_Chain 0 32.51 dB



n40\_2452MHz\_Chain 0 35.96 dB



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:08:09

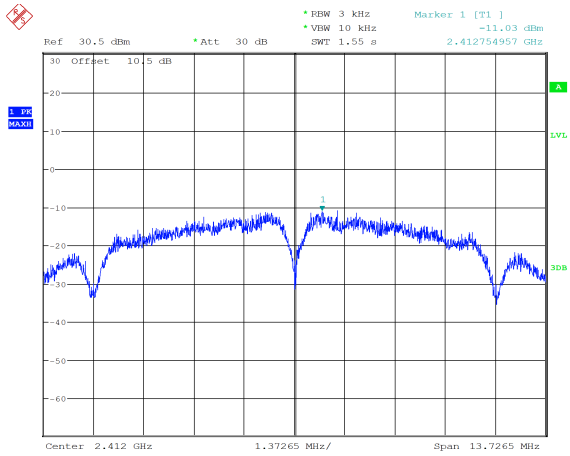
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:35:10

**Power Spectral Density**

<b>Mode</b>	<b>Value (dBm/3kHz)</b>	<b>Limit (dBm/3kHz)</b>	<b>Result</b>
b_2412MHz_Chain 0	-11.03	8.00	Pass
b_2437MHz_Chain 0	-10.25	8.00	Pass
b_2462MHz_Chain 0	-8.80	8.00	Pass
g_2412MHz_Chain 0	-17.97	8.00	Pass
g_2437MHz_Chain 0	-16.54	8.00	Pass
g_2462MHz_Chain 0	-17.25	8.00	Pass
n20_2412MHz_Chain 0	-17.82	8.00	Pass
n20_2437MHz_Chain 0	-17.80	8.00	Pass
n20_2462MHz_Chain 0	-16.66	8.00	Pass
n40_2422MHz_Chain 0	-20.71	8.00	Pass
n40_2437MHz_Chain 0	-19.67	8.00	Pass
n40_2452MHz_Chain 0	-19.88	8.00	Pass

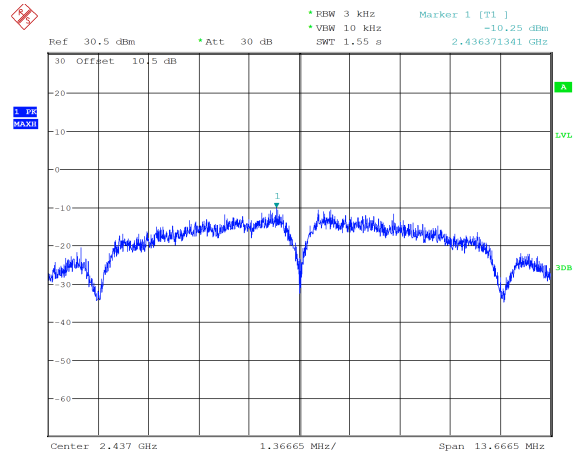
2.4G

b\_2412MHz\_Chain 0 -11.03 dBm/3kHz



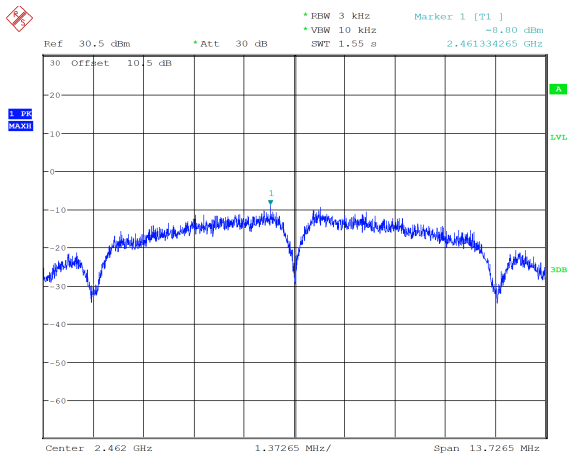
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:50:32

b\_2437MHz\_Chain 0 -10.25 dBm/3kHz



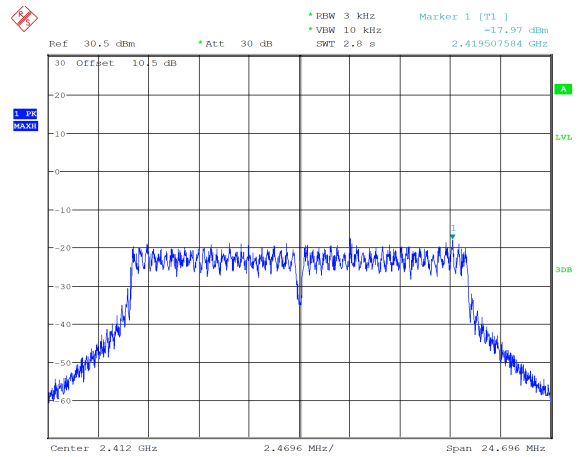
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Date: 1.MAR.2024 17:54:01

b\_2462MHz\_Chain 0 -8.80 dBm/3kHz



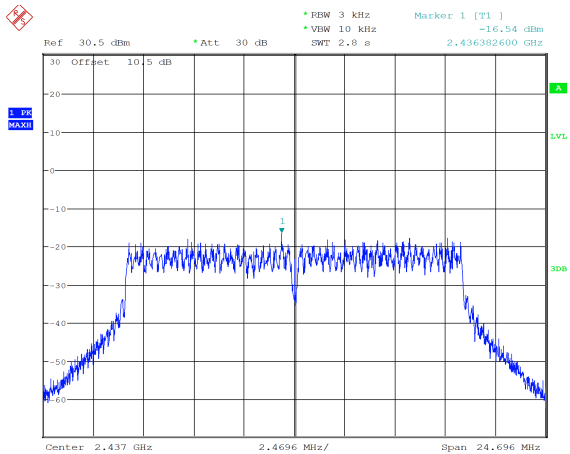
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 17:59:47

g\_2412MHz\_Chain 0 -17.97 dBm/3kHz



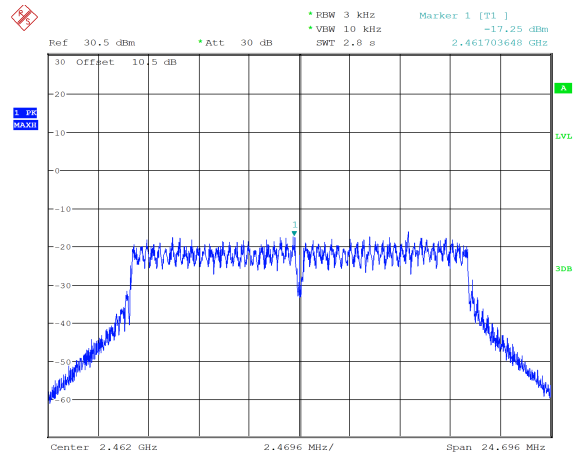
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:19:42

g\_2437MHz\_Chain 0 -16.54 dBm/3kHz



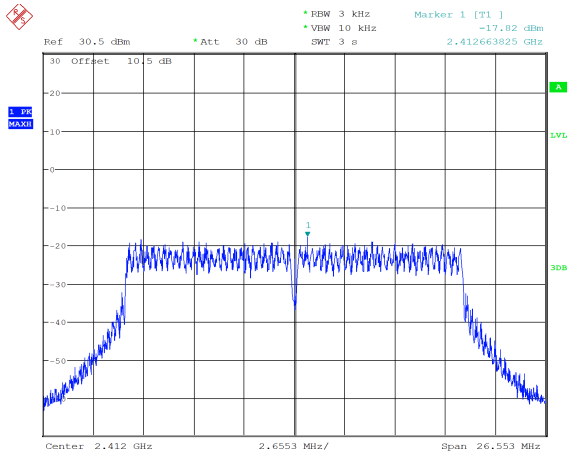
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Date: 1.MAR.2024 18:26:14

g\_2462MHz\_Chain 0 -17.25 dBm/3kHz



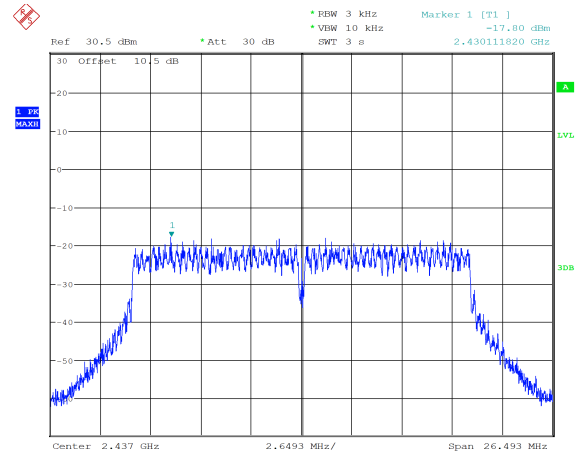
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:34:08

n20\_2412MHz\_Chain 0 -17.82 dBm/3kHz



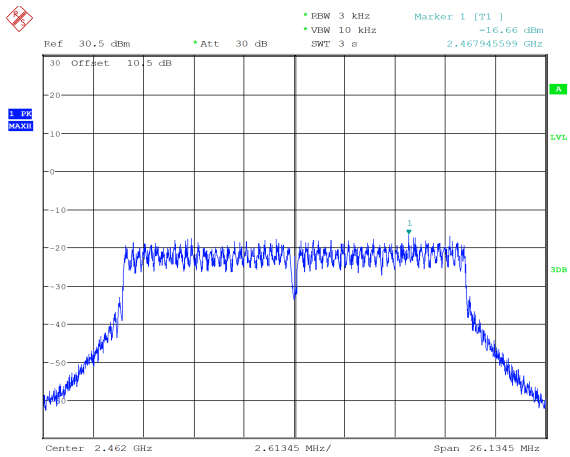
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:39:53

n20\_2437MHz\_Chain 0 -17.80 dBm/3kHz



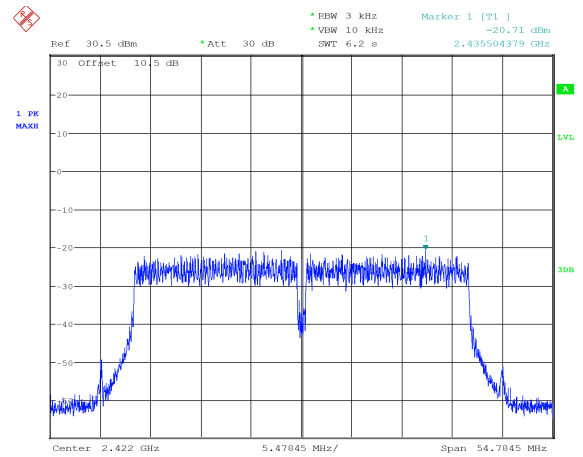
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 18:43:38

n20\_2462MHz\_Chain 0 -16.66 dBm/3kHz



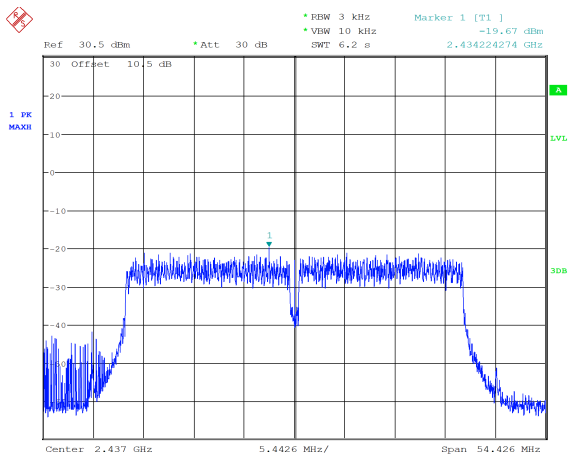
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 19:00:19

n40\_2422MHz\_Chain 0 -20.71 dBm/3kHz



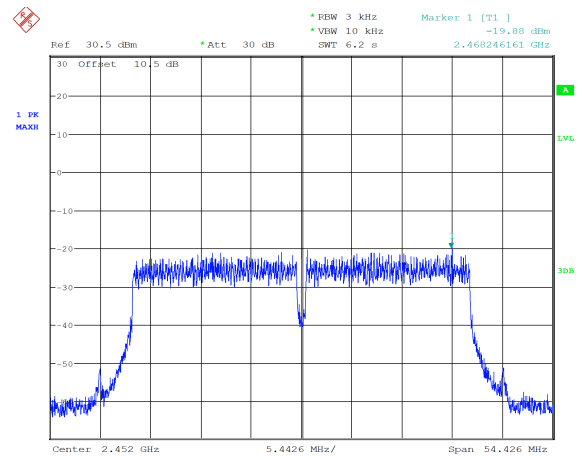
ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:31:08

n40\_2437MHz\_Chain 0 -19.67 dBm/3kHz



ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:32:56

n40\_2452MHz\_Chain 0 -19.88 dBm/3kHz



ProjectNo.:CR240102703-RF Tester:Chin  
Date: 1.MAR.2024 21:34:38

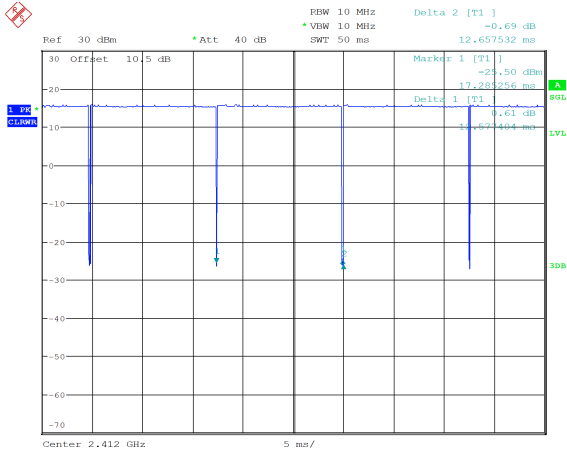
**Duty Cycle**

<b>Mode</b>	<b>Ton (ms)</b>	<b>Ton+Toff (ms)</b>	<b>Duty Cycle (%)</b>	<b>Duty Cycle Factor (dB)</b>	<b>1/Ton (Hz)</b>	<b>VBW Setting (kHz)</b>
b_2412MHz_Chain 0	12.577	12.658	99.36	/	/	0.01
b_2437MHz_Chain 0	12.564	12.596	99.75	/	/	0.01
b_2462MHz_Chain 0	12.564	12.596	99.75	/	/	0.01
g_2412MHz_Chain 0	2.080	2.167	95.99	0.18	481	0.50
g_2437MHz_Chain 0	2.090	2.144	97.48	0.11	478	0.50
g_2462MHz_Chain 0	2.080	2.102	98.95	/	/	0.01
n20_2412MHz_Chain 0	1.936	2.080	93.08	0.31	517	1
n20_2437MHz_Chain 0	1.946	2.064	94.28	0.26	514	1
n20_2462MHz_Chain 0	1.946	2	97.30	0.12	514	1
n40_2422MHz_Chain 0	0.960	1.115	86.10	0.65	1042	2
n40_2437MHz_Chain 0	0.952	0.995	95.68	0.19	1050	2
n40_2452MHz_Chain 0	0.973	1.056	92.14	0.36	1028	2

**Duty Cycle = Ton/(Ton+Toff)\*100%**

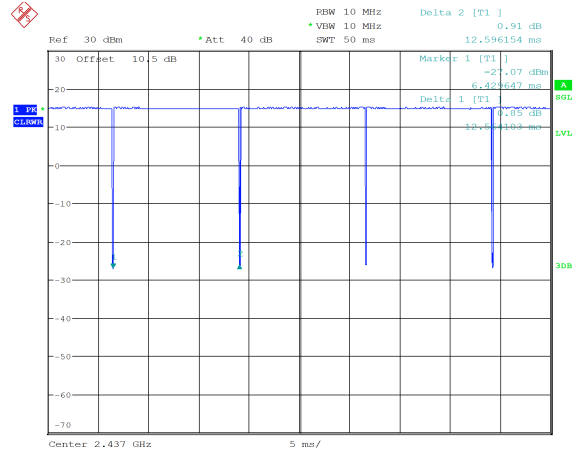
2.4G

b\_2412MHz\_Chain 0  
12.577 ms,12.658ms



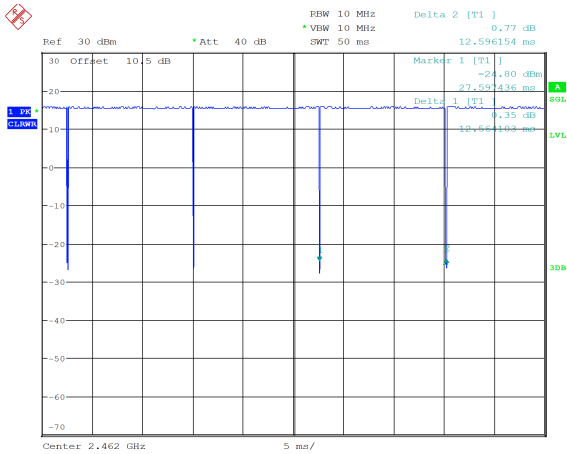
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:43:31

b\_2437MHz\_Chain 0  
12.564 ms,12.596ms



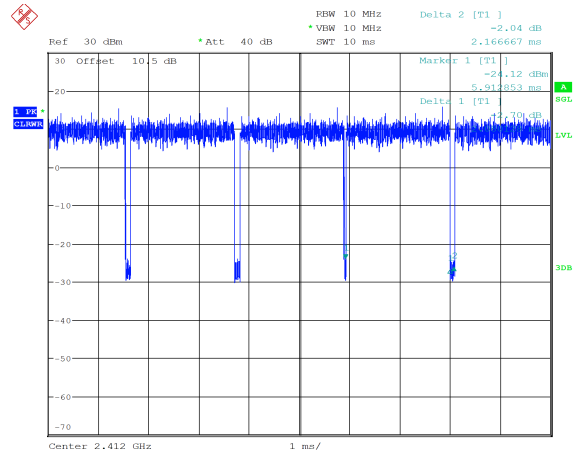
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:46:34

b\_2462MHz\_Chain 0  
12.564 ms,12.596ms



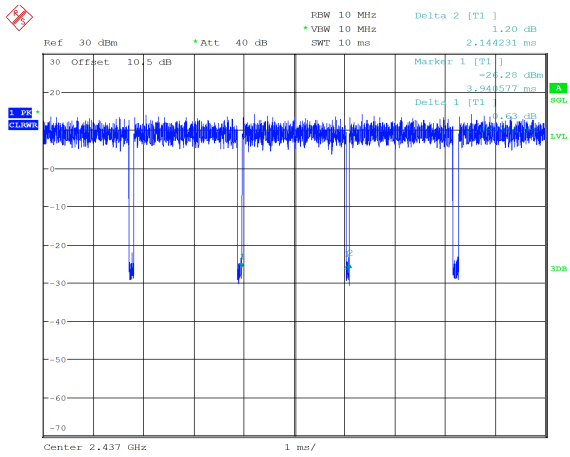
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:49:28

g\_2412MHz\_Chain 0  
2.080 ms,2.167ms



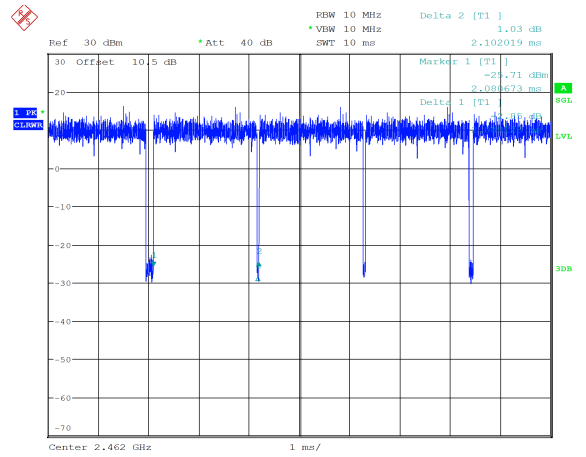
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:52:59

g\_2437MHz\_Chain 0  
2.090 ms,2.144ms



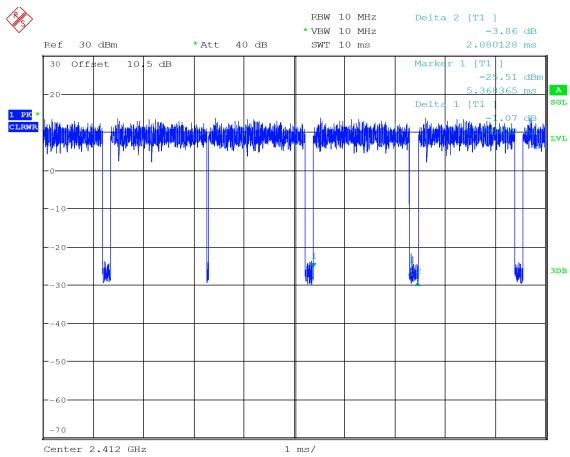
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:55:02

g\_2462MHz\_Chain 0  
2.080 ms,2.102ms



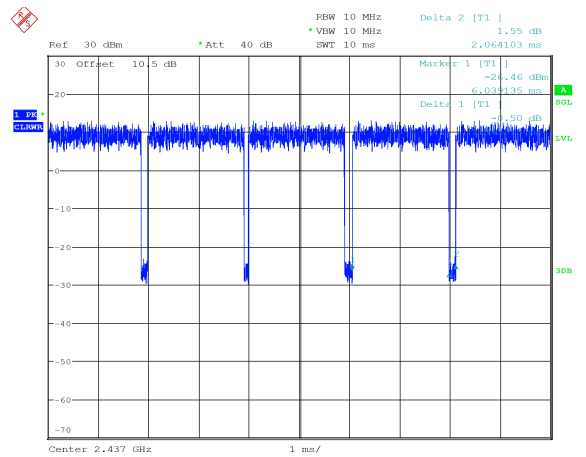
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:57:01

n20\_2412MHz\_Chain 0  
1.936 ms,2.08ms



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:58:15

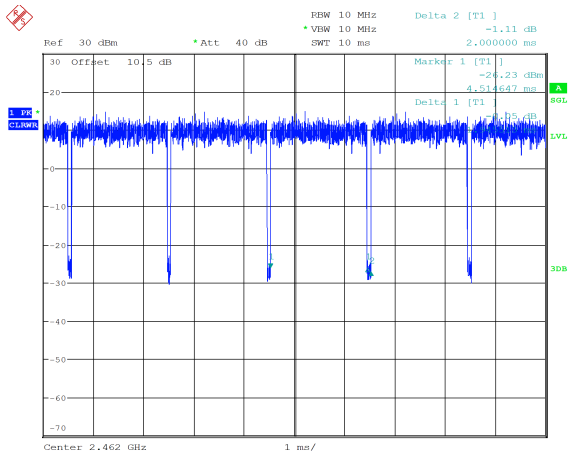
n20\_2437MHz\_Chain 0  
1.946 ms,2.064ms



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:00:09

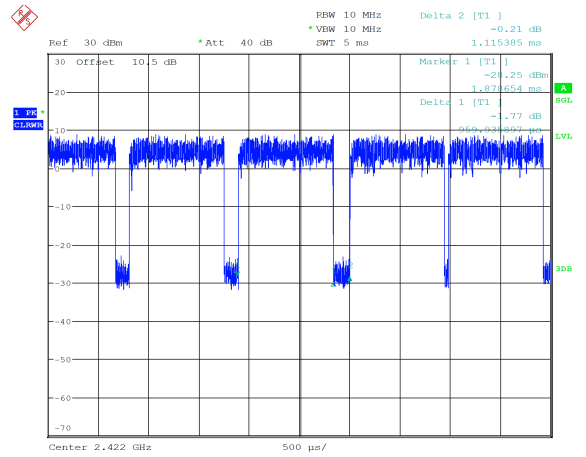


n20\_2462MHz\_Chain 0  
1.946 ms,2ms



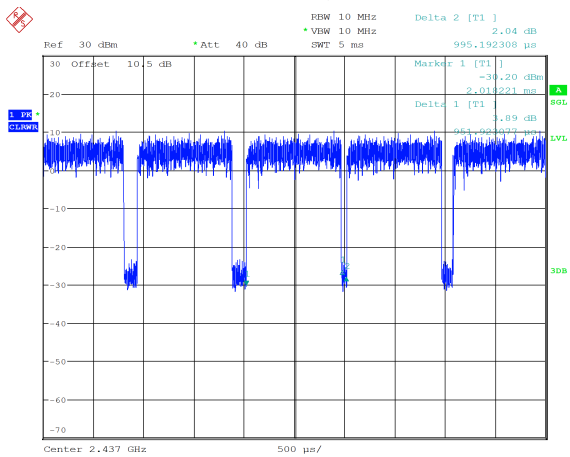
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 20:02:39

n40\_2422MHz\_Chain 0  
0.960 ms,1.115ms



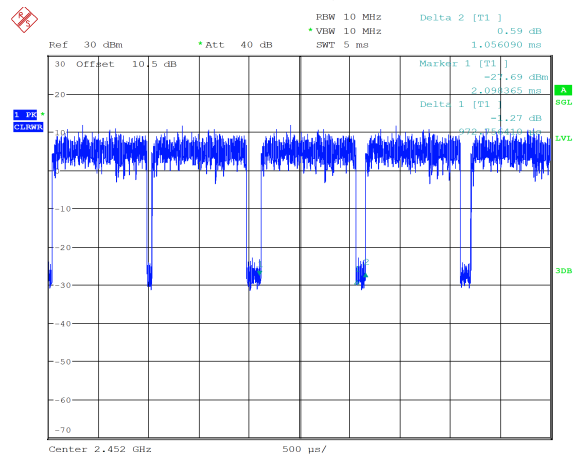
ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:20:19

n40\_2437MHz\_Chain 0  
0.952 ms,0.995ms



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:24:14

n40\_2452MHz\_Chain 0  
0.973 ms,1.056ms



ProjectNo.:CR240102703-RF Tester:Chin  
 Date: 1.MAR.2024 19:38:50