

FCC Part 15.247

Test Information:

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

Environmental Conditions:

Temperature: (°C)	22.9	Relative Humidity: (%)	48	ATM Pressure: (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

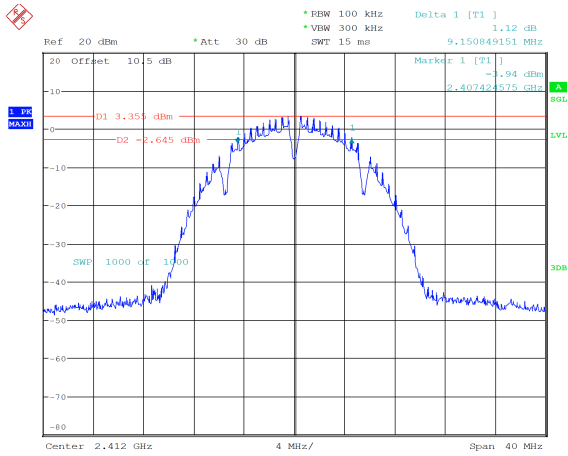
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

6dB Emission Bandwidth

Mode	Value (MHz)	Limit (MHz)	Result
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

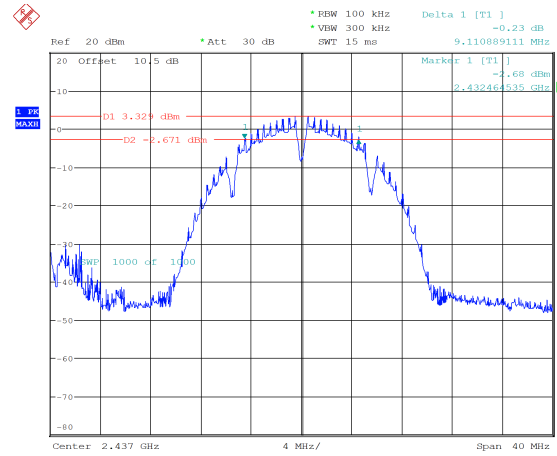
2.4G

b_2412MHz_Chain 0 9.151 MHz



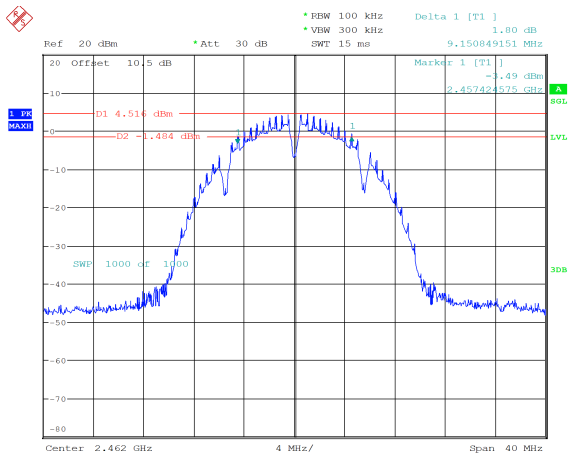
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:48:41

b_2437MHz_Chain 0 9.111 MHz



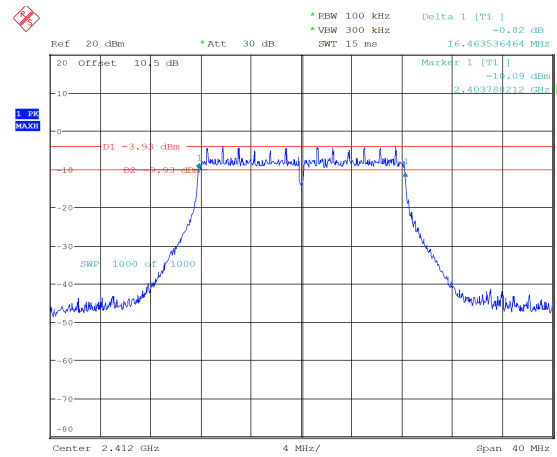
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:52:27

b_2462MHz_Chain 0 9.151 MHz



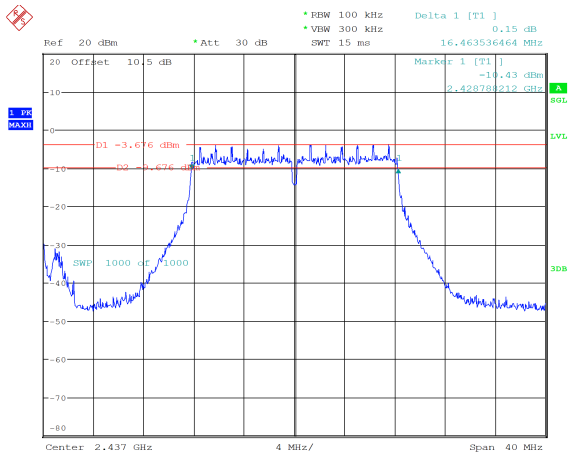
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:57:40

g_2412MHz_Chain 0 16.464 MHz



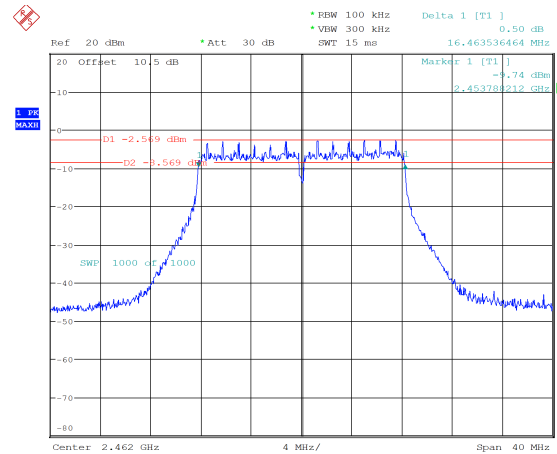
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Date: 1.MAR.2024 18:17:54

g_2437MHz_Chain 0 16.464 MHz



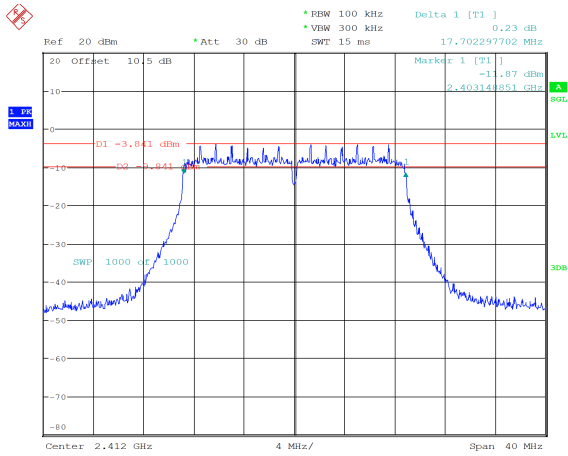
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:23:34

g_2462MHz_Chain 0 16.464 MHz



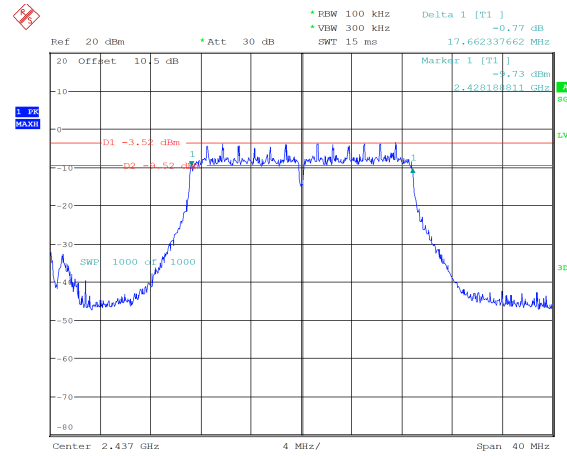
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Date: 1.MAR.2024 18:30:52

n20_2412MHz_Chain 0 17.702 MHz



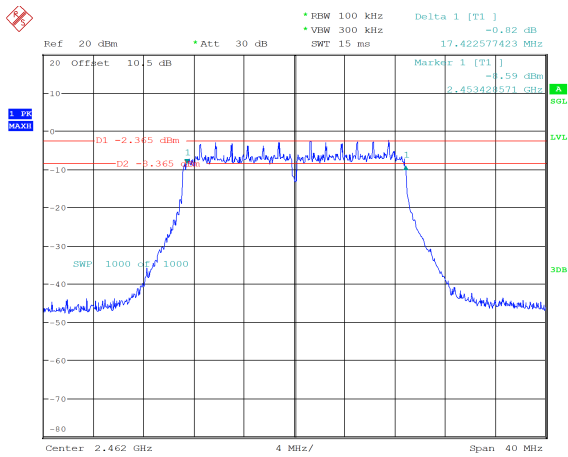
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Date: 1.MAR.2024 18:38:32

n20_2437MHz_Chain 0 17.662 MHz



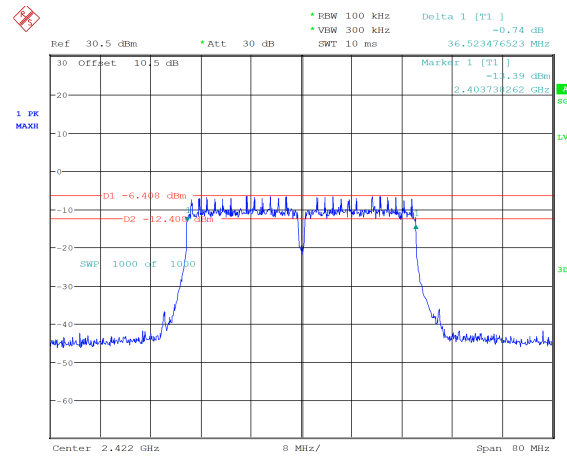
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Date: 1.MAR.2024 18:42:02

n20_2462MHz_Chain 0 17.423 MHz



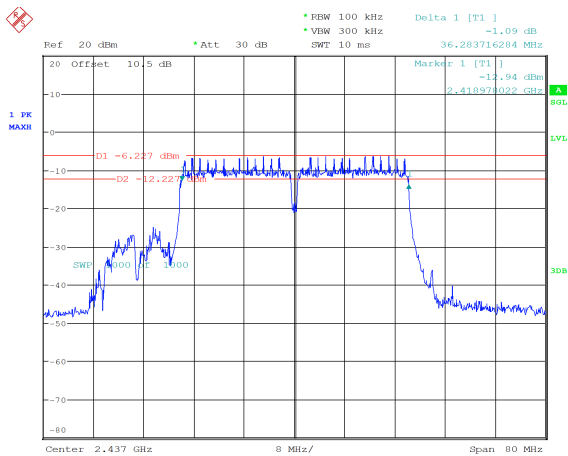
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:57:02

n40_2422MHz_Chain 0 36.523 MHz



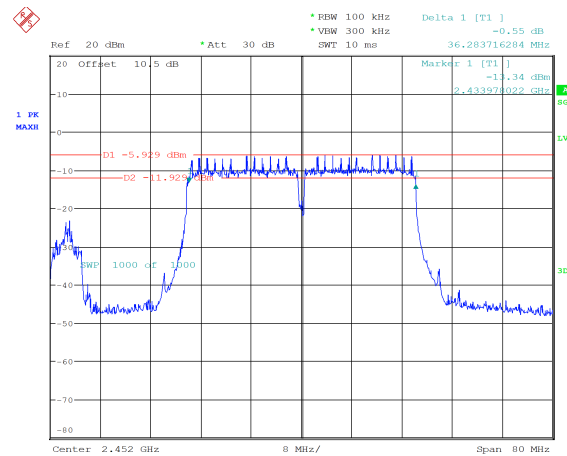
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 21:30:26

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



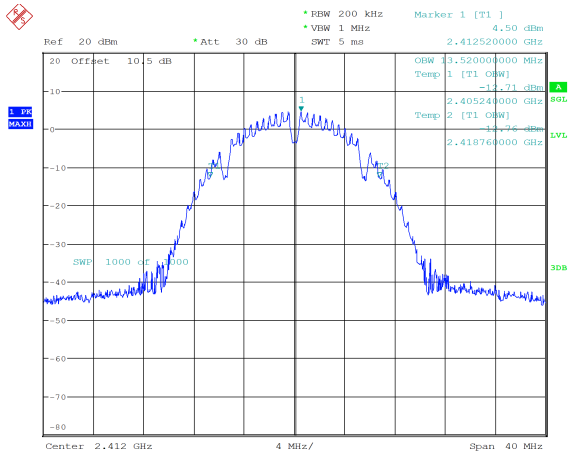
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 21:33:56

99% Occupied Bandwidth

Mode	99% OBW (MHz)
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

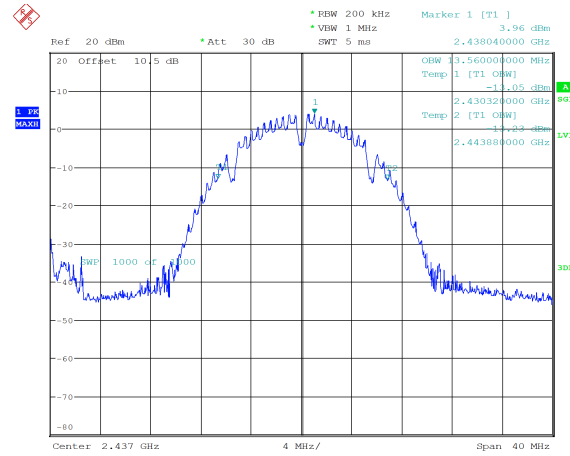
2.4G

b_2412MHz_Chain 0 13.520 MHz



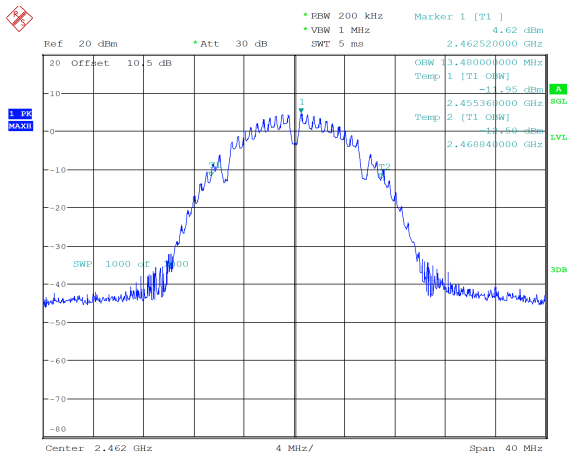
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:05:56

b_2437MHz_Chain 0 13.560 MHz



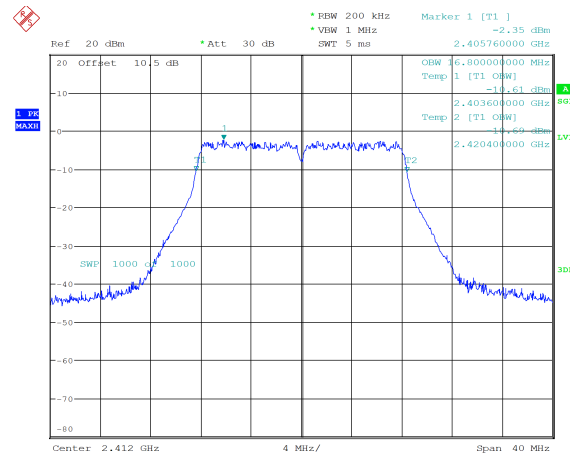
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Date: 1.MAR.2024 20:07:27

b_2462MHz_Chain 0 13.480 MHz



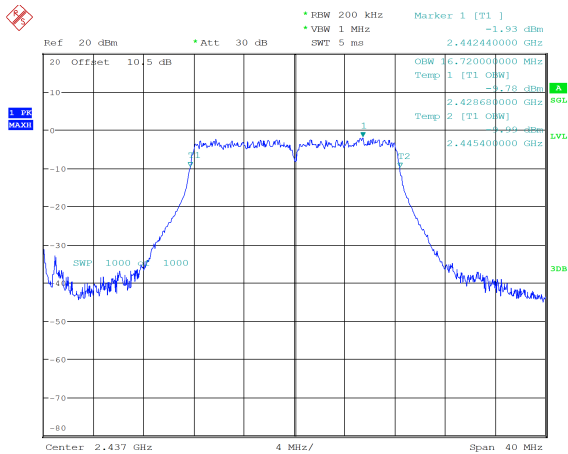
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:09:22

g_2412MHz_Chain 0 16.800 MHz



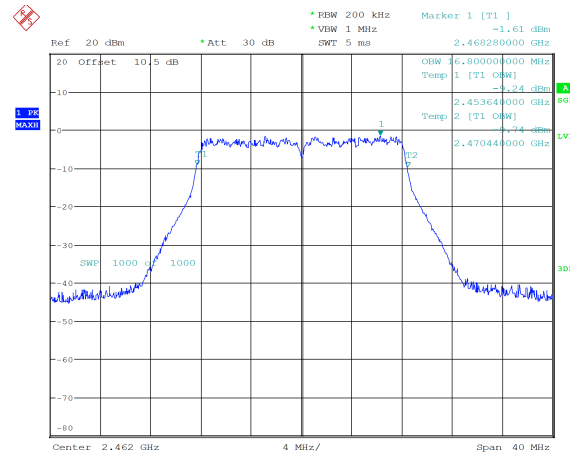
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:11:25

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



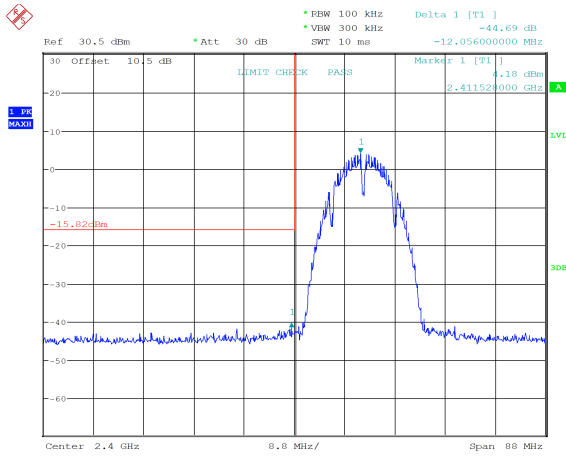
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:14:59

100 kHz Bandwidth of Frequency Band Edge

Mode	Value (dB)	Limit (dB)	Result
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

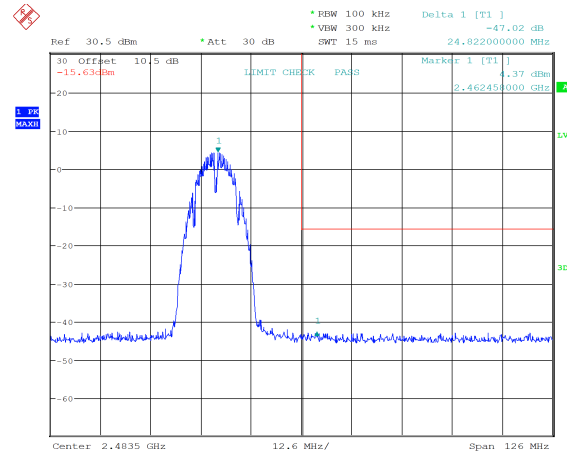
2.4G

b_2412MHz_Chain 0 44.69 dB



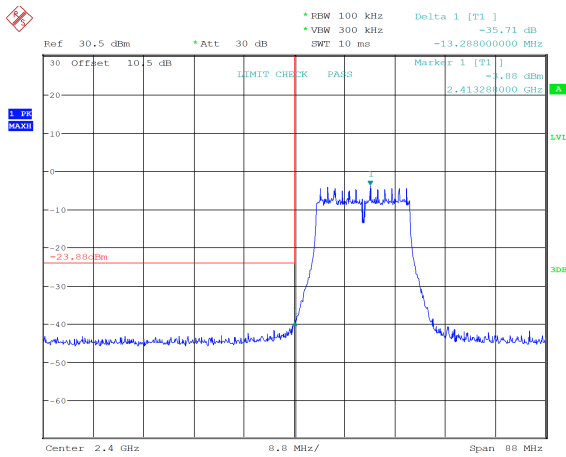
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:33:17

b_2462MHz_Chain 0 47.02 dB



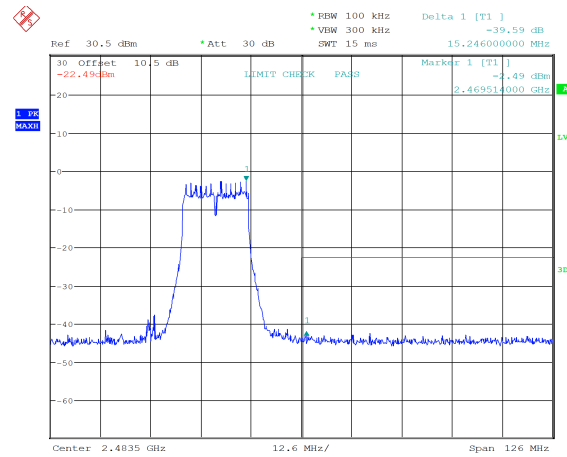
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:56:09

g_2412MHz_Chain 0 35.71 dB



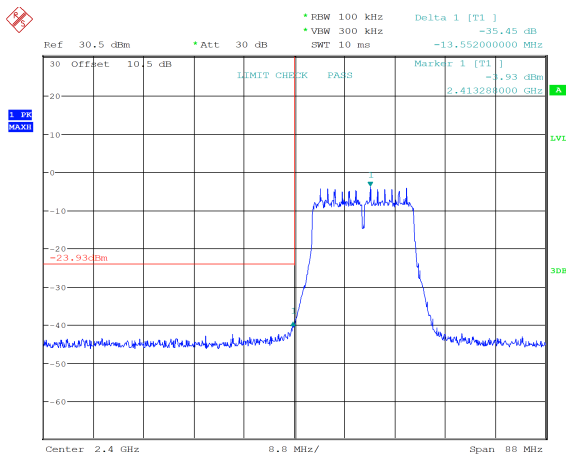
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:16:42

g_2462MHz_Chain 0 39.59 dB



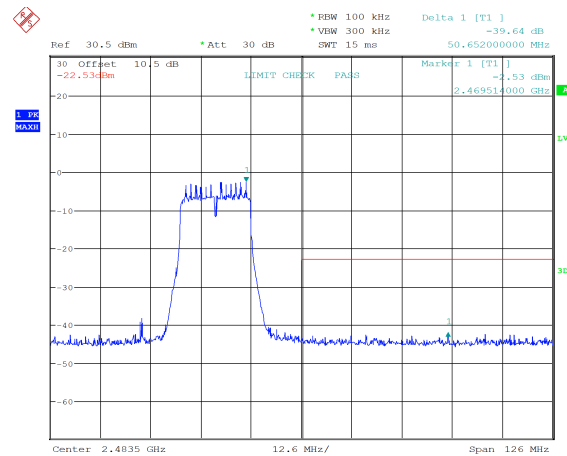
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:28:40

n20_2412MHz_Chain 0 35.45 dB



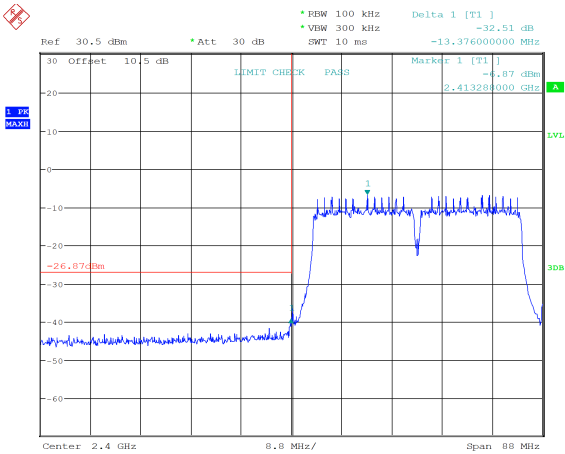
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:36:41

n20_2462MHz_Chain 0 39.64 dB



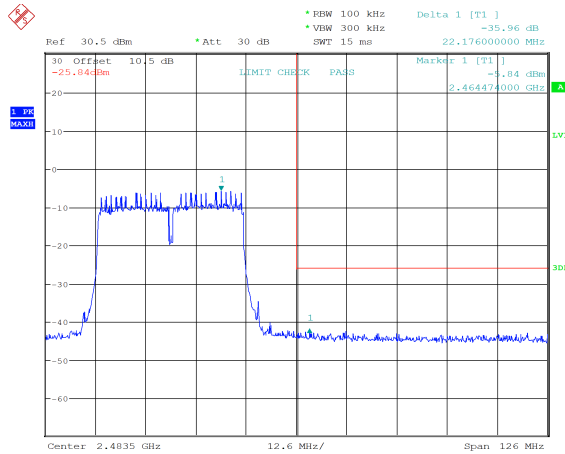
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:54:50

n40_2422MHz_Chain 0 32.51 dB



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

n40_2452MHz_Chain 0 35.96 dB



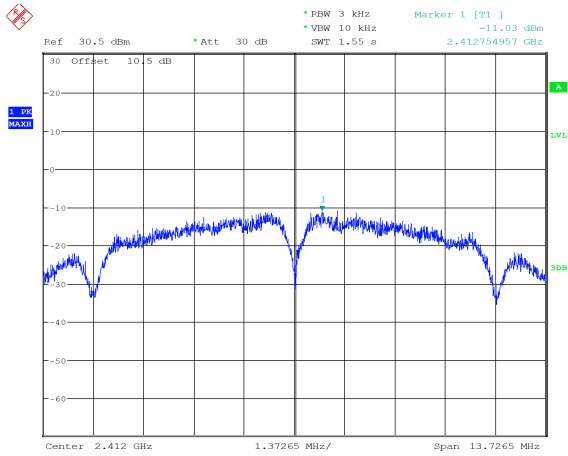
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:35:10

Power Spectral Density

Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
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

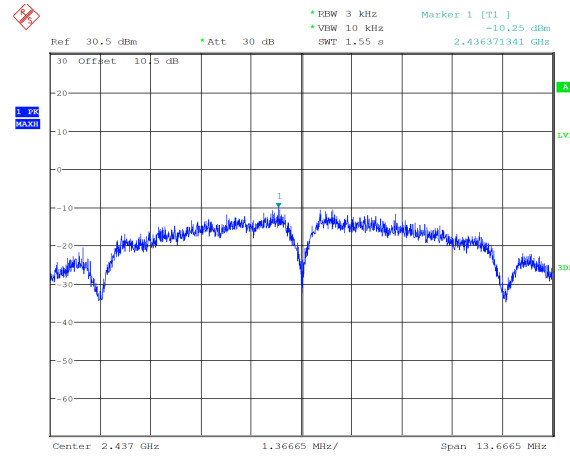
2.4G

b_2412MHz_Chain 0 -11.03 dBm/3kHz



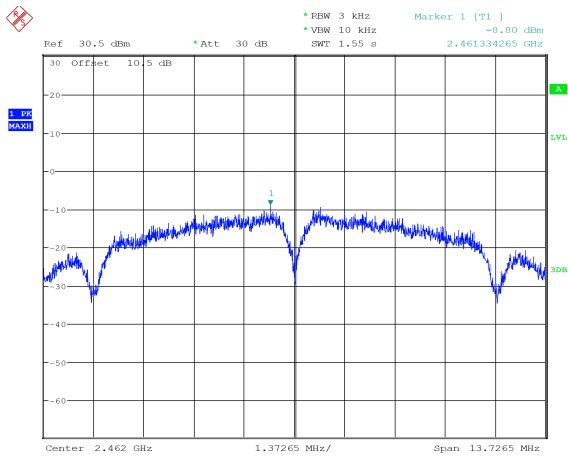
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:50:32

b_2437MHz_Chain 0 -10.25 dBm/3kHz



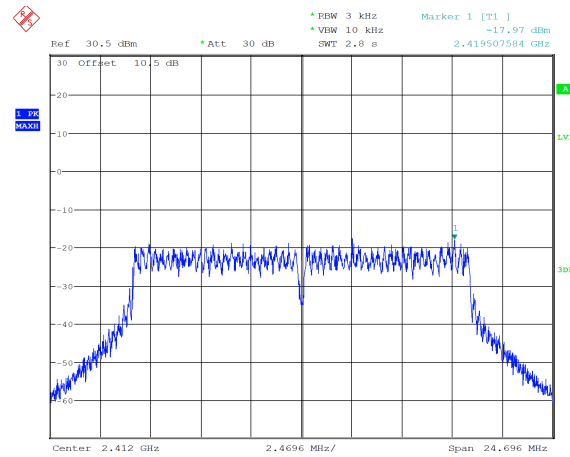
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:54:01

b_2462MHz_Chain 0 -8.80 dBm/3kHz



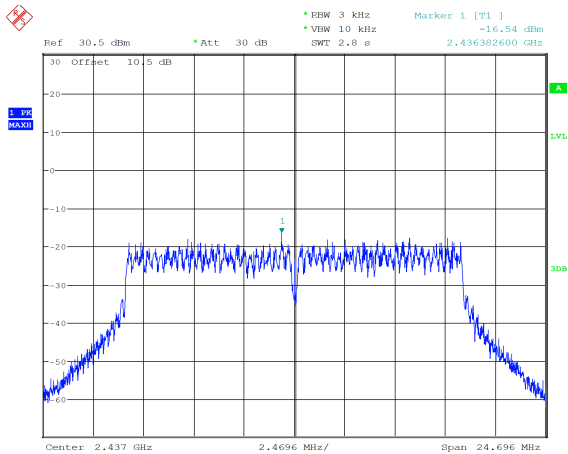
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 17:59:47

g_2412MHz_Chain 0 -17.97 dBm/3kHz



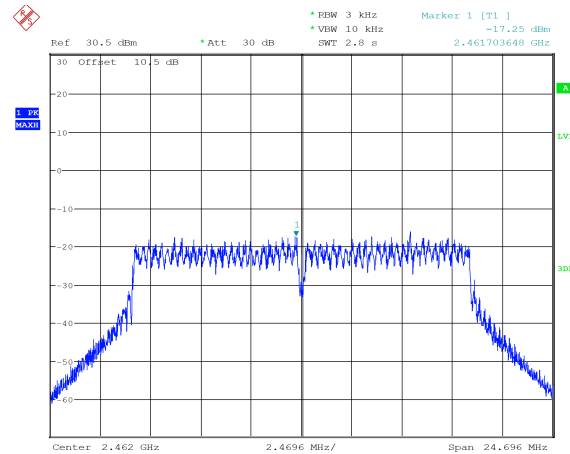
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:19:42

g_2437MHz_Chain 0 -16.54 dBm/3kHz



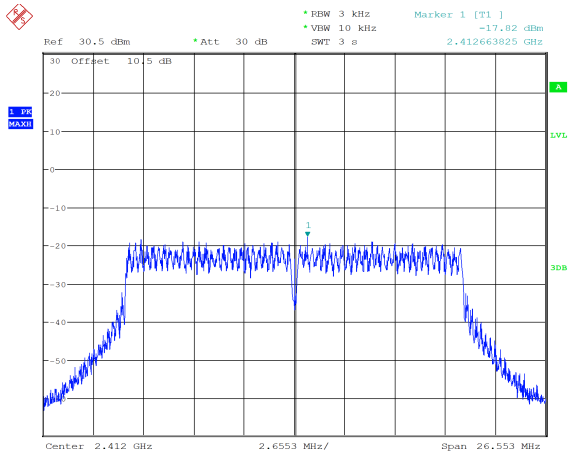
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:26:14

g_2462MHz_Chain 0 -17.25 dBm/3kHz



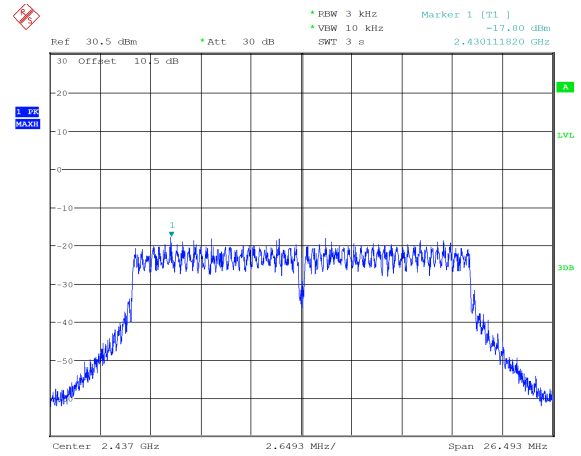
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:34:08

n20_2412MHz_Chain 0 -17.82 dBm/3kHz



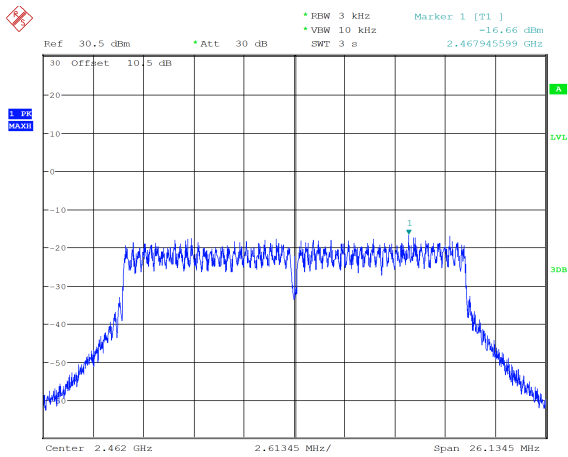
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:39:53

n20_2437MHz_Chain 0 -17.80 dBm/3kHz



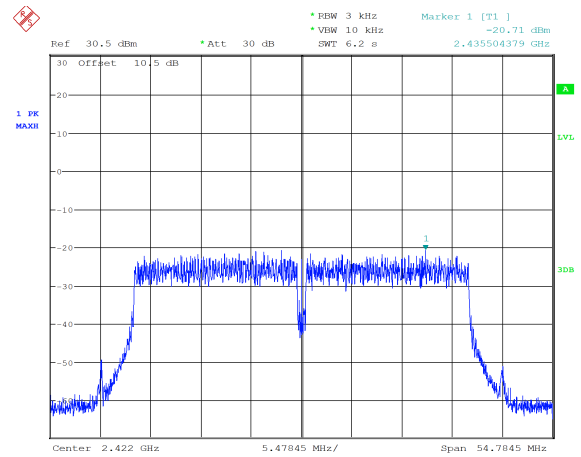
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 18:43:38

n20_2462MHz_Chain 0 -16.66 dBm/3kHz



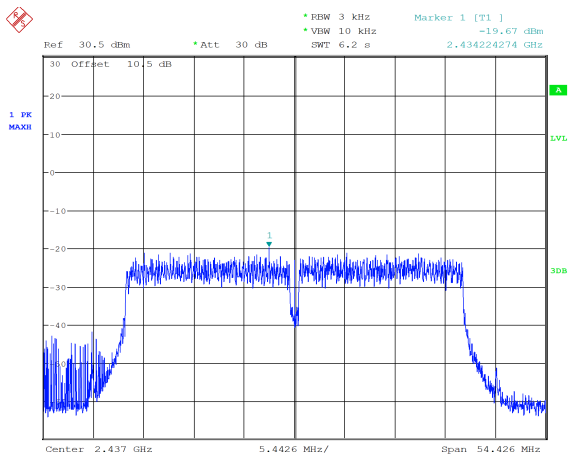
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:00:19

n40_2422MHz_Chain 0 -20.71 dBm/3kHz



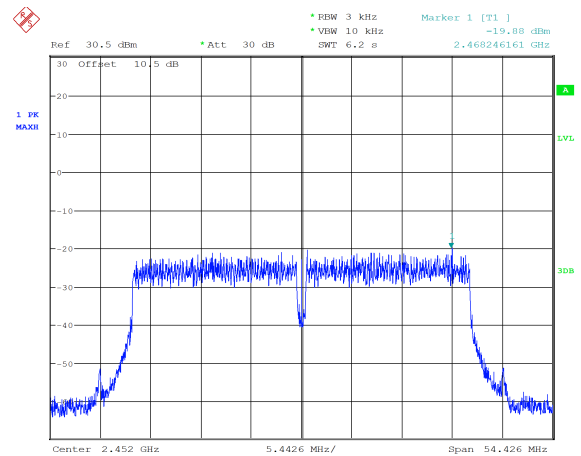
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 21:31:08

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

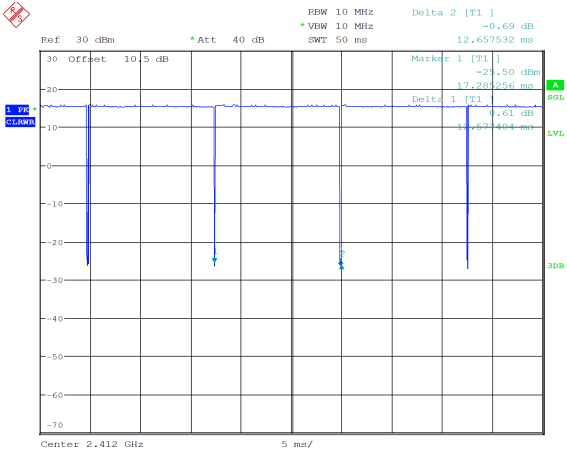
Duty Cycle

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/Ton (Hz)	VBW Setting (kHz)
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%

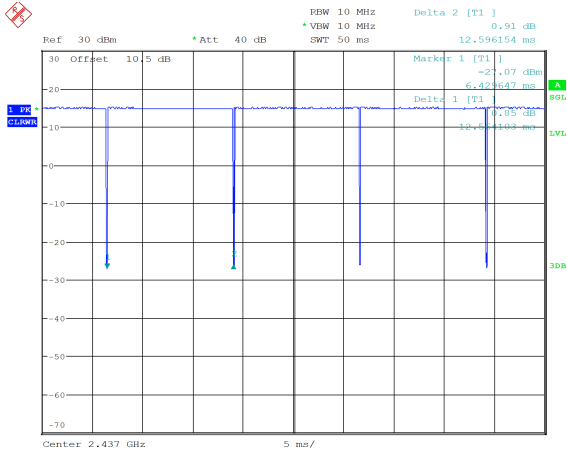
2.4G

b_2412MHz_Chain 0
12.577 ms,12.658ms



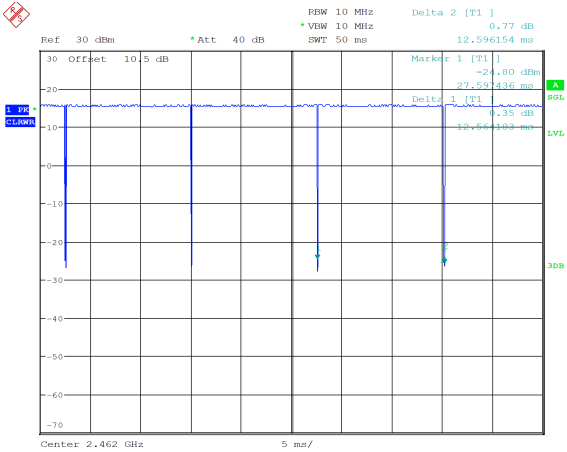
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:43:31

b_2437MHz_Chain 0
12.564 ms,12.596ms



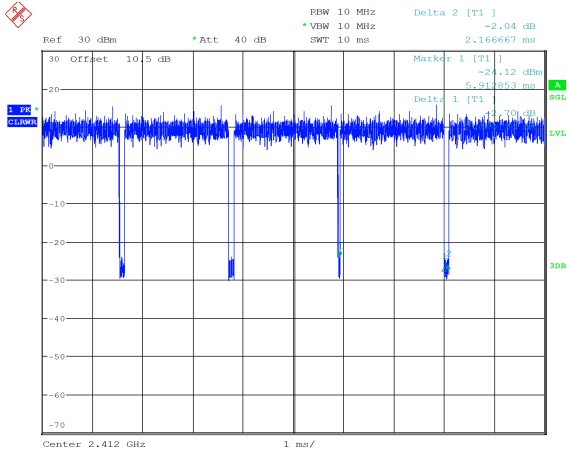
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:46:34

b_2462MHz_Chain 0
12.564 ms,12.596ms



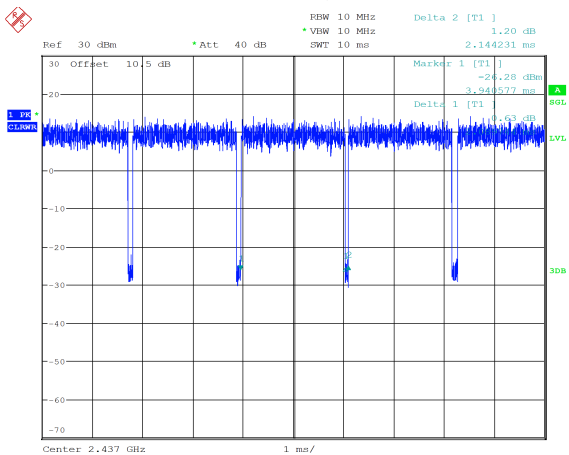
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:49:28

g_2412MHz_Chain 0
2.080 ms,2.167ms



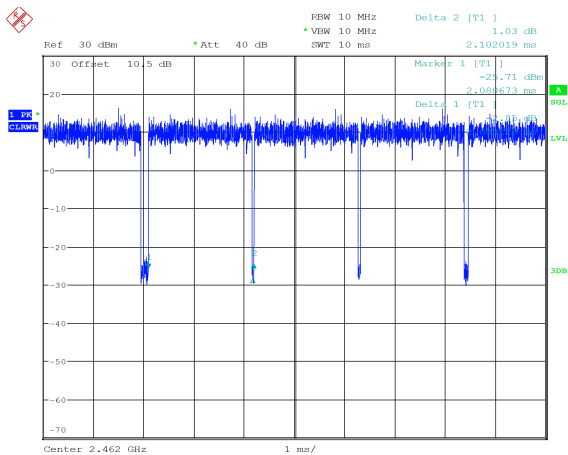
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:52:59

g_2437MHz_Chain 0
2.090 ms,2.144ms



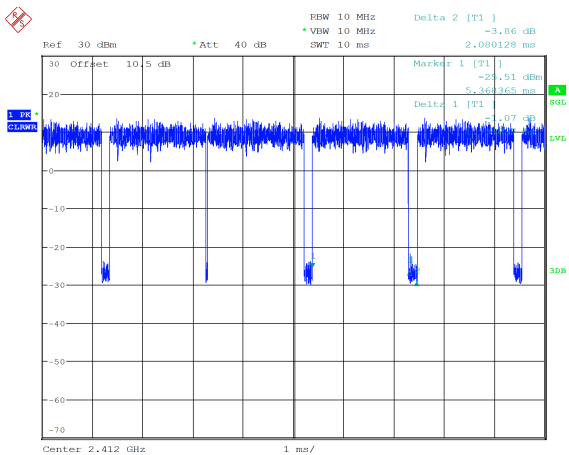
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:55:02

g_2462MHz_Chain 0
2.080 ms,2.102ms



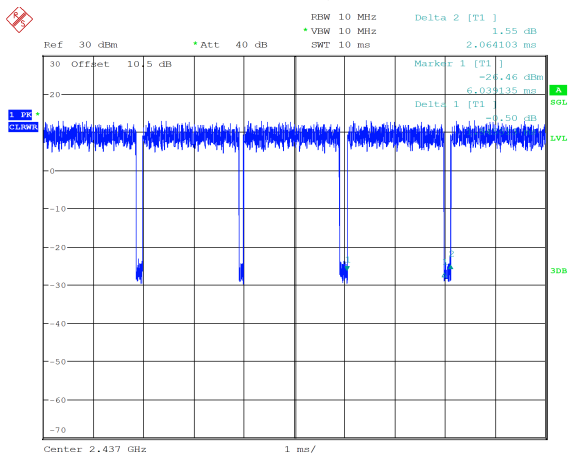
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:57:01

n20_2412MHz_Chain 0
1.936 ms,2.08ms



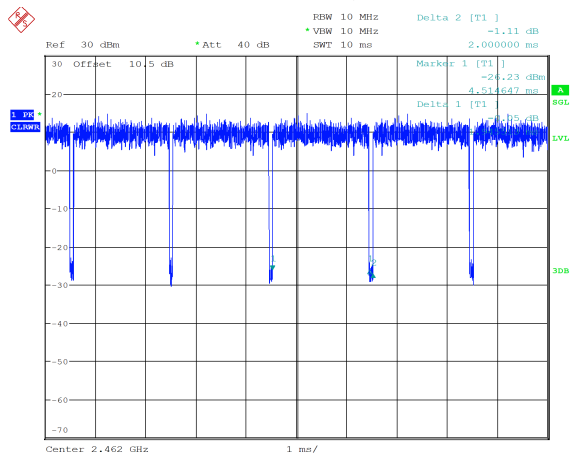
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:58:15

n20_2437MHz_Chain 0
1.946 ms,2.064ms



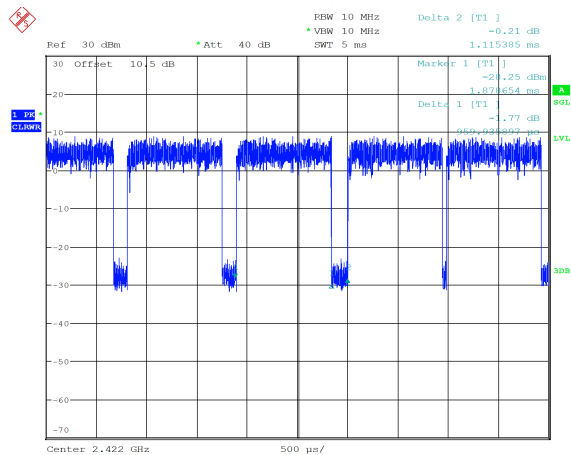
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:00:09

n20_2462MHz_Chain 0
1.946 ms,2ms



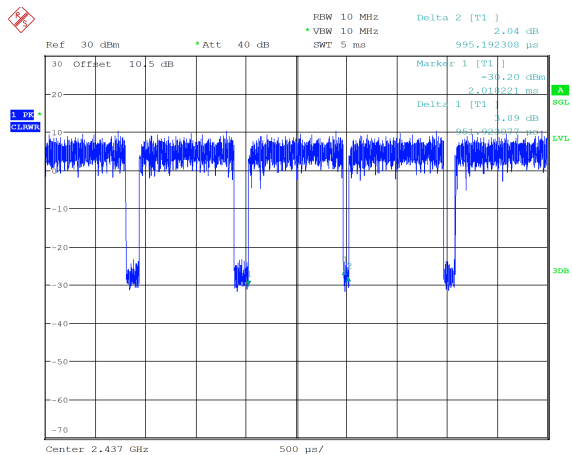
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 20:02:39

n40_2422MHz_Chain 0
0.960 ms,1.115ms



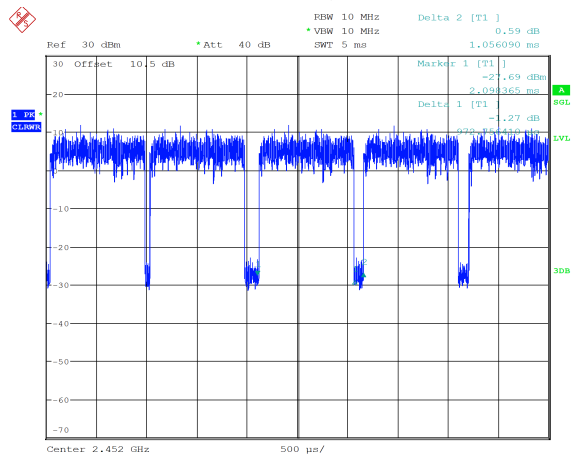
ProjectNo.:CR240102703-RF Tester:Chin
Date: 1.MAR.2024 19:20:19

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