

FCC Part 15.247

Test Information:

Serial No.:	2KI0-3	Test Date:	2024/05/07~2024/05/09
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.4-26.3	Relative Humidity: (%)	49-51	ATM Pressure: (kPa)	100.9-101
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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	2024/04/01	2025/03/31
R&S	Spectrum Analyzer	FSU26	100147	2024/04/01	2025/03/31
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A

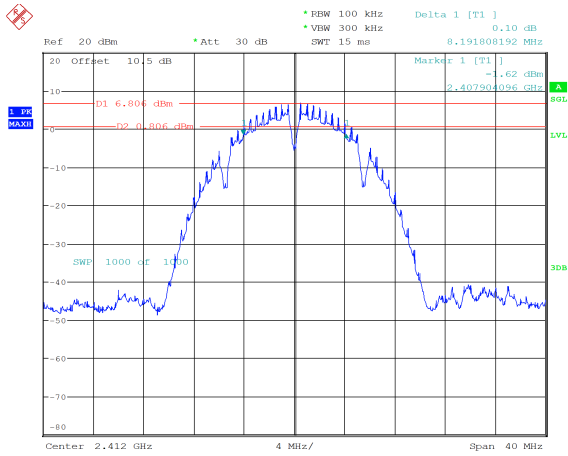
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

6dB Emission Bandwidth

Mode	Value (MHz)	Limit (MHz)	Result
b_2412MHz_Chain 0	8.192	0.5	Pass
b_2412MHz_Chain 1	8.122	0.5	Pass
b_2437MHz_Chain 0	8.152	0.5	Pass
b_2437MHz_Chain 1	8.153	0.5	Pass
b_2462MHz_Chain 0	8.192	0.5	Pass
b_2462MHz_Chain 1	8.185	0.5	Pass
g_2412MHz_Chain 0	16.424	0.5	Pass
g_2412MHz_Chain 1	16.371	0.5	Pass
g_2437MHz_Chain 0	16.464	0.5	Pass
g_2437MHz_Chain 1	16.403	0.5	Pass
g_2462MHz_Chain 0	16.464	0.5	Pass
g_2462MHz_Chain 1	16.403	0.5	Pass
n20_2412MHz_Chain 0	17.702	0.5	Pass
n20_2412MHz_Chain 1	17.682	0.5	Pass
n20_2437MHz_Chain 0	17.650	0.5	Pass
n20_2437MHz_Chain 1	17.650	0.5	Pass
n20_2462MHz_Chain 0	17.650	0.5	Pass
n20_2462MHz_Chain 1	17.682	0.5	Pass
n40_2422MHz_Chain 0	36.195	0.5	Pass
n40_2422MHz_Chain 1	36.284	0.5	Pass
n40_2437MHz_Chain 0	36.515	0.5	Pass
n40_2437MHz_Chain 1	36.523	0.5	Pass
n40_2452MHz_Chain 0	36.579	0.5	Pass
n40_2452MHz_Chain 1	36.523	0.5	Pass

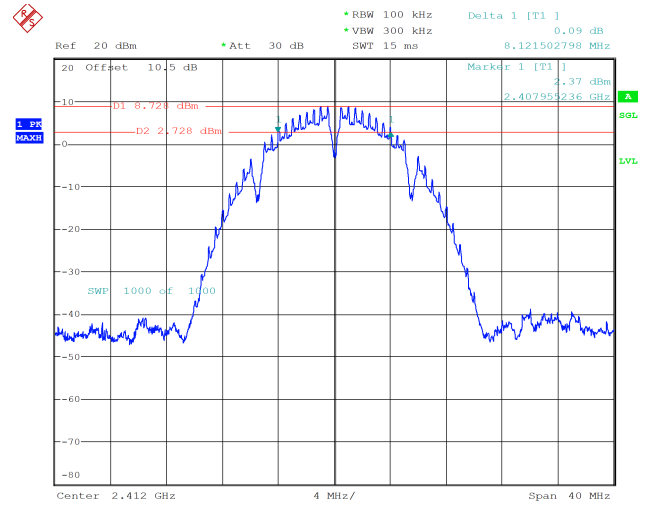
2.4G

b_2412MHz_Chain 0 8.192 MHz



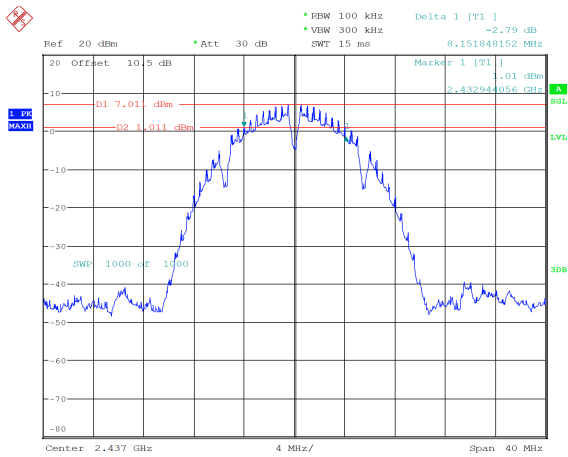
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:04:58

b_2412MHz_Chain 1 8.122 MHz



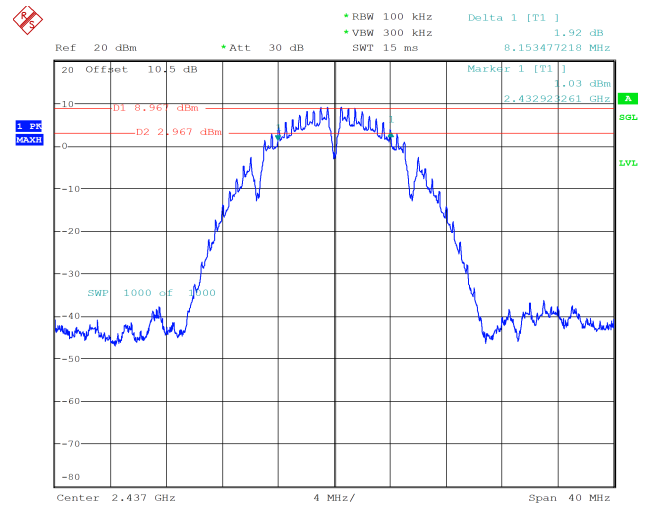
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:02:16

b_2437MHz_Chain 0 8.152 MHz



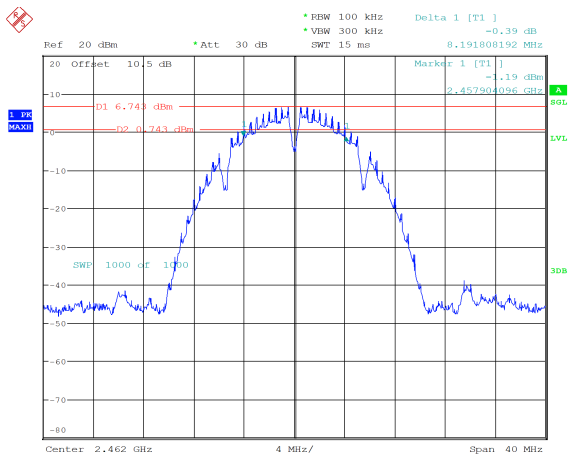
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Date: 8.MAY.2024 00:10:07

b_2437MHz_Chain 1 8.153 MHz



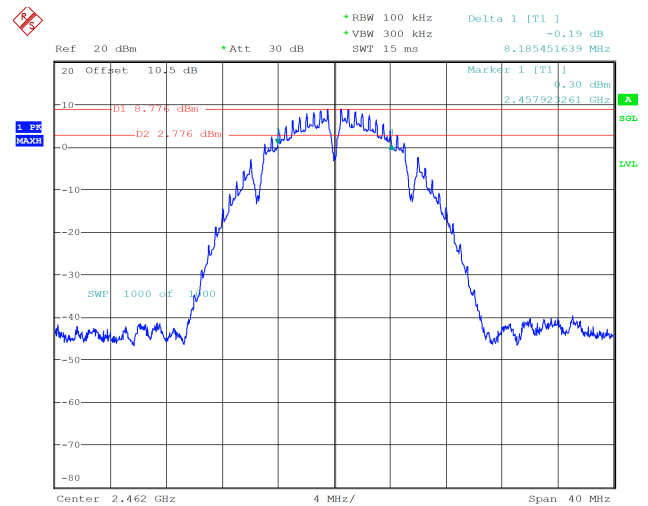
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:04:21

b_2462MHz_Chain 0 8.192 MHz



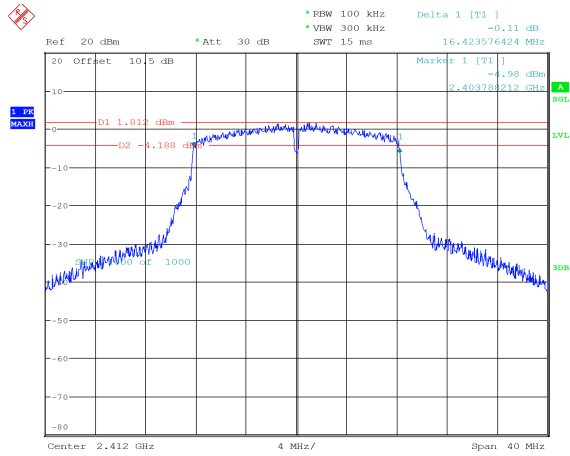
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Date: 8.MAY.2024 00:17:04

b_2462MHz_Chain 1 8.185 MHz



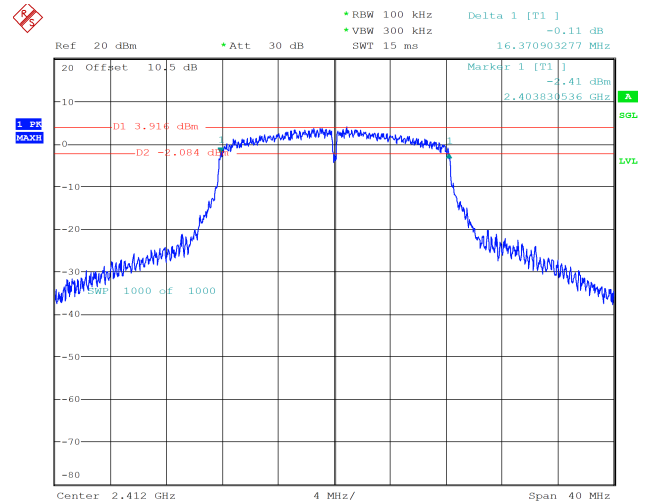
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Date: 8.MAY.2024 20:08:32

g_2412MHz_Chain 0 16.424 MHz



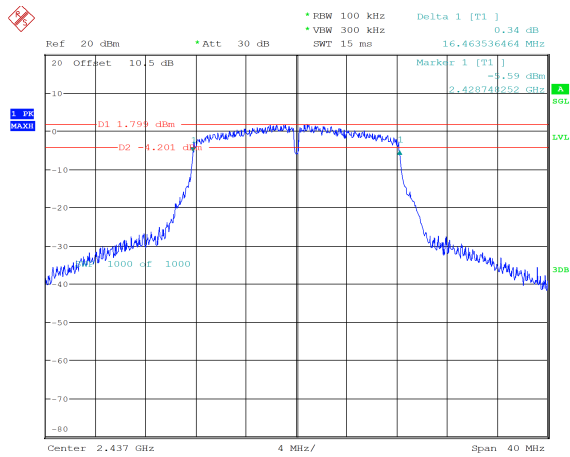
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Date: 8.MAY.2024 00:23:58

g_2412MHz_Chain 1 16.371 MHz



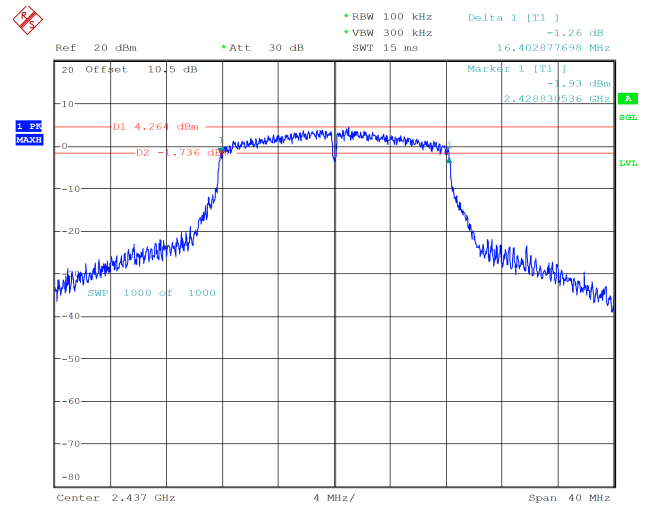
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g_2437MHz_Chain 0 16.464 MHz



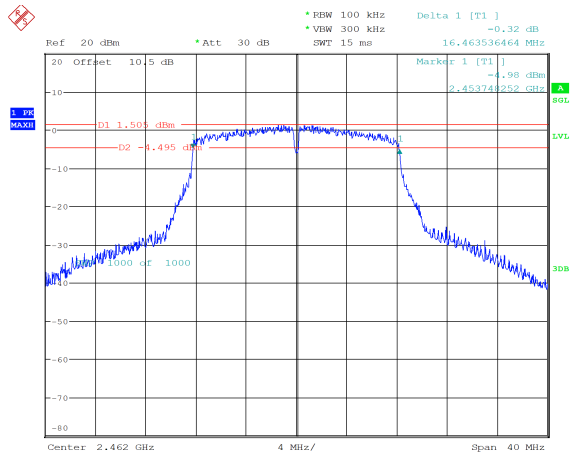
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Date: 8.MAY.2024 00:31:31

g_2437MHz_Chain 1 16.403 MHz



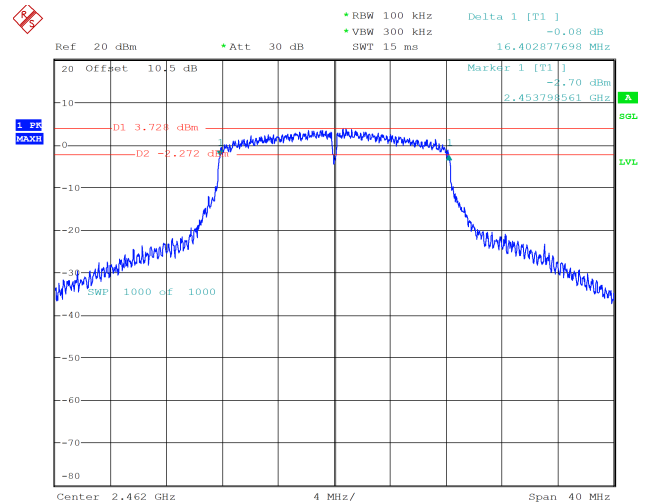
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Date: 8.MAY.2024 20:17:23

g_2462MHz_Chain 0 16.464 MHz



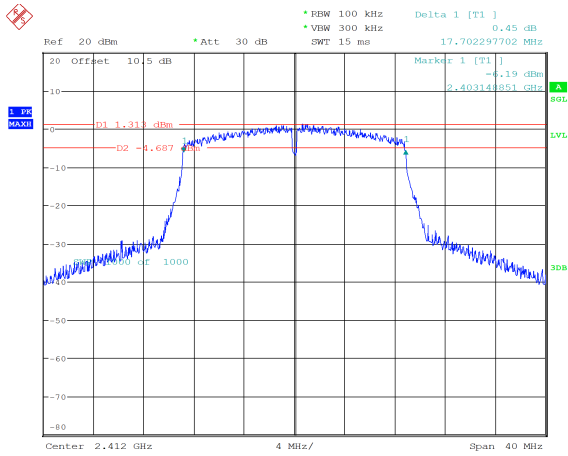
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:40:46

g_2462MHz_Chain 1 16.403 MHz



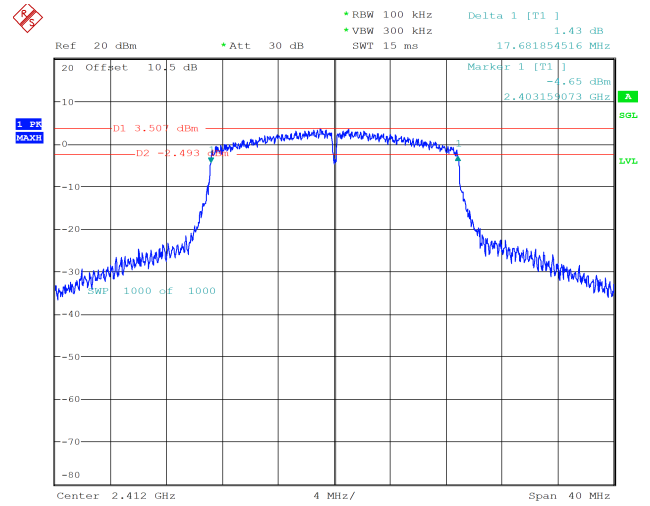
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:21:03

n20_2412MHz_Chain 0 17.702 MHz



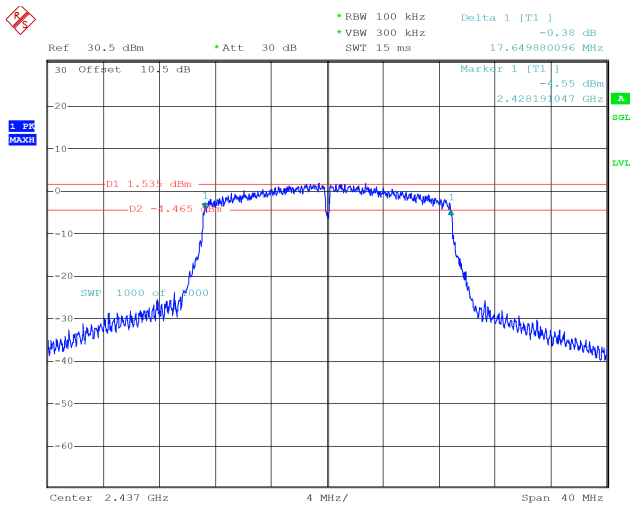
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:50:01

n20_2412MHz_Chain 1 17.682 MHz



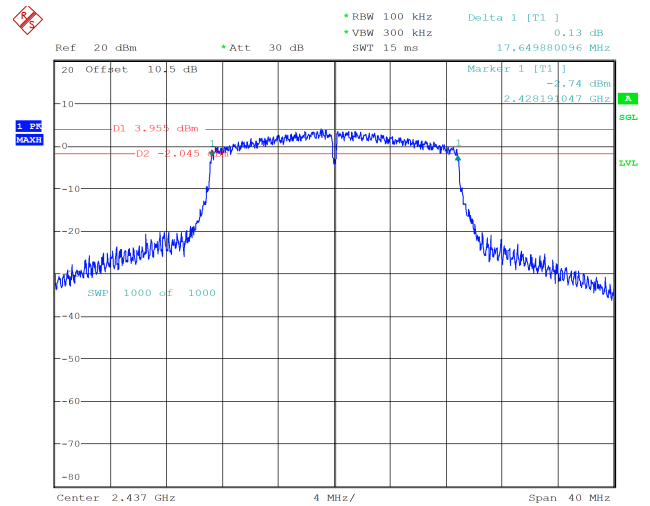
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:25:06

n20_2437MHz_Chain 0 17.650 MHz



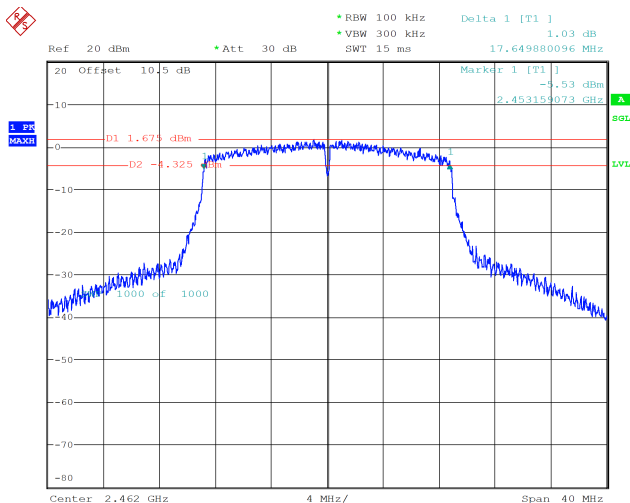
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Date: 8.MAY.2024 18:36:37

n20_2437MHz_Chain 1 17.650 MHz



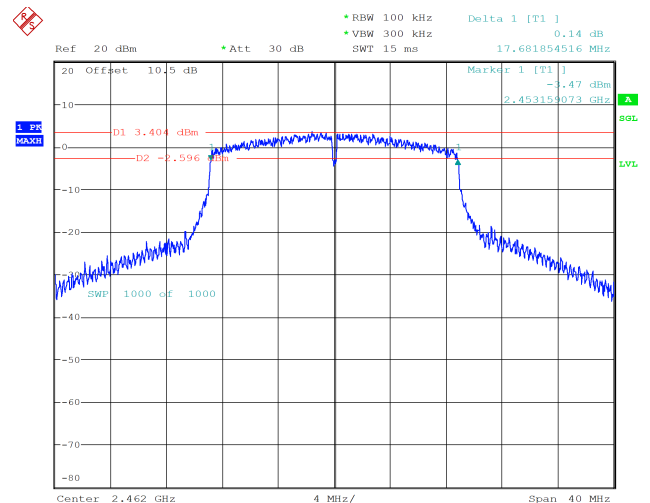
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n20_2462MHz_Chain 0 17.650 MHz



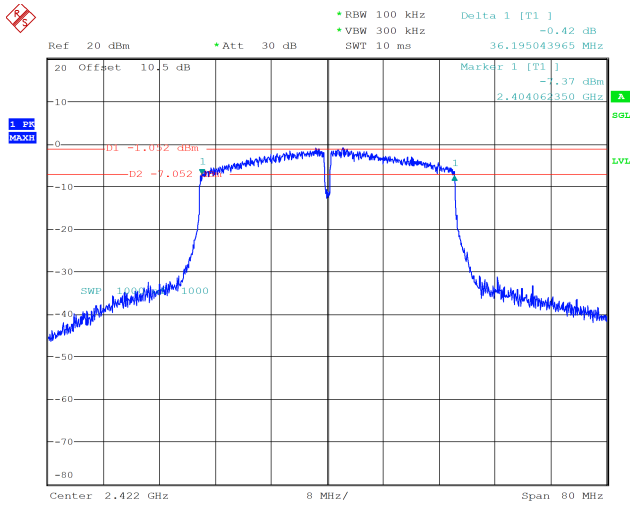
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Date: 8.MAY.2024 18:40:58

n20_2462MHz_Chain 1 17.682 MHz



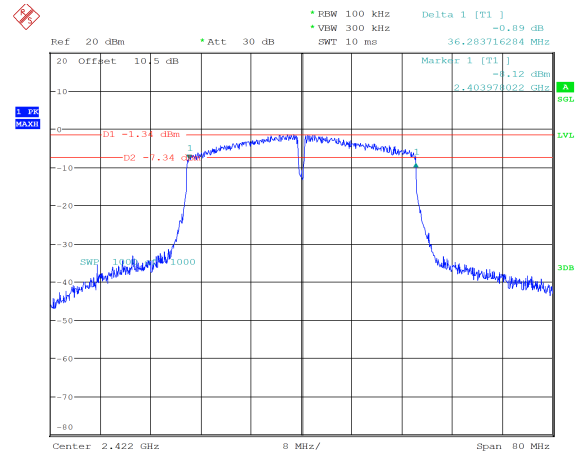
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:31:20

n40_2422MHz_Chain 0 36.195 MHz



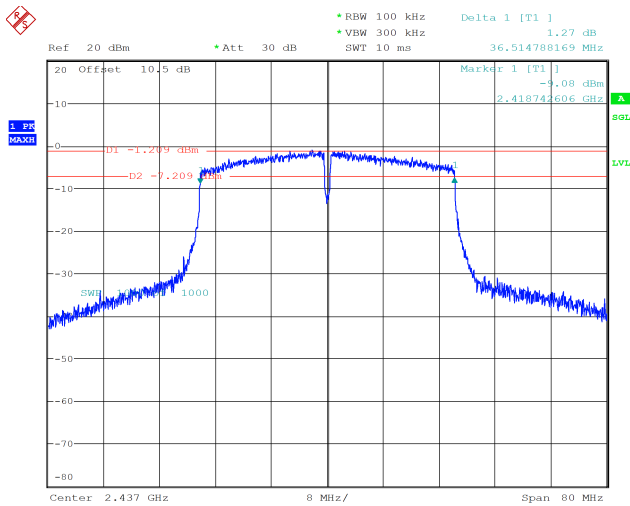
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:44:20

n40_2422MHz_Chain 1 36.284 MHz



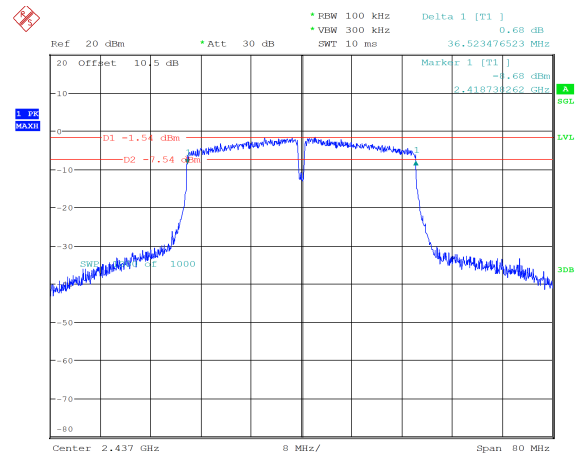
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:30:45

n40_2437MHz_Chain 0 36.515 MHz



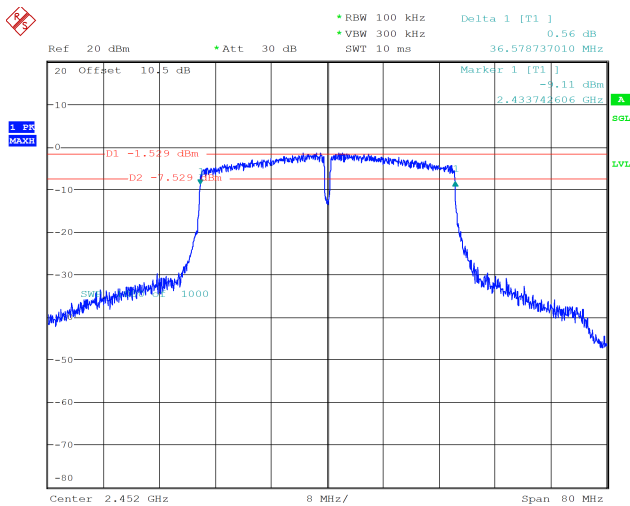
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:48:14

n40_2437MHz_Chain 1 36.523 MHz



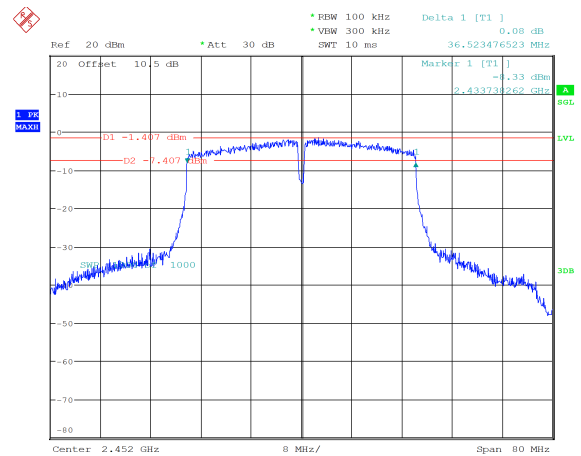
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:43:50

n40_2452MHz_Chain 0 36.579 MHz



Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:51:30

n40_2452MHz_Chain 1 36.523 MHz



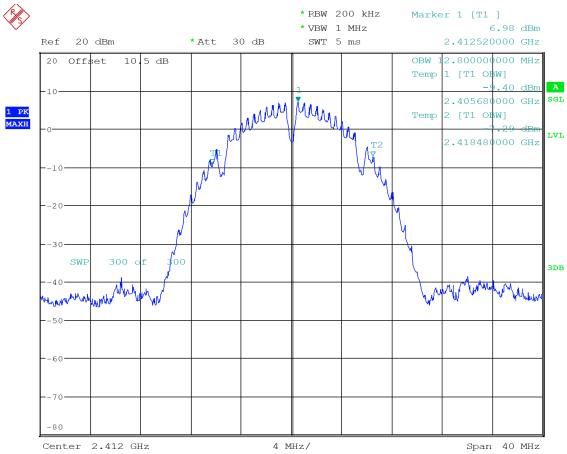
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:57:48

99% Occupied Bandwidth

Mode	99% OBW (MHz)
b_2412MHz_Chain 0	12.800
b_2412MHz_Chain 1	12.768
b_2437MHz_Chain 0	12.760
b_2437MHz_Chain 1	12.960
b_2462MHz_Chain 0	12.760
b_2462MHz_Chain 1	12.896
g_2412MHz_Chain 0	16.560
g_2412MHz_Chain 1	16.608
g_2437MHz_Chain 0	16.560
g_2437MHz_Chain 1	16.640
g_2462MHz_Chain 0	16.640
g_2462MHz_Chain 1	16.736
n20_2412MHz_Chain 0	17.640
n20_2412MHz_Chain 1	17.696
n20_2437MHz_Chain 0	17.664
n20_2437MHz_Chain 1	17.760
n20_2462MHz_Chain 0	17.696
n20_2462MHz_Chain 1	17.760
n40_2422MHz_Chain 0	36.096
n40_2422MHz_Chain 1	36.160
n40_2437MHz_Chain 0	36.352
n40_2437MHz_Chain 1	36.400
n40_2452MHz_Chain 0	36.416
n40_2452MHz_Chain 1	36.400

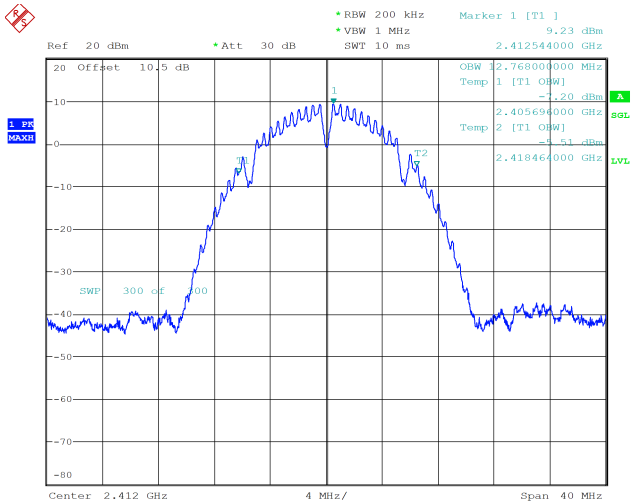
2.4G

b_2412MHz_Chain 0 12.800 MHz



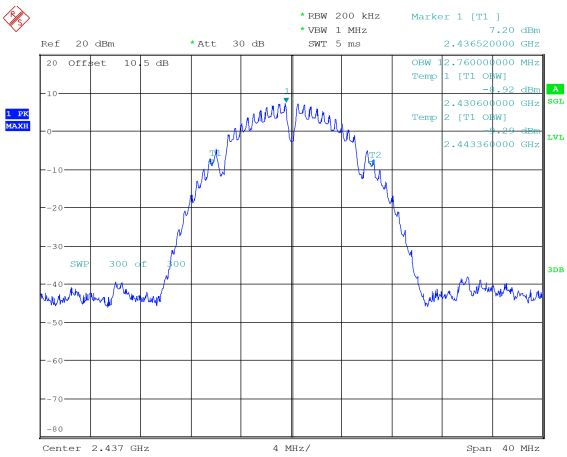
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:05:45

b_2412MHz_Chain 1 12.768 MHz



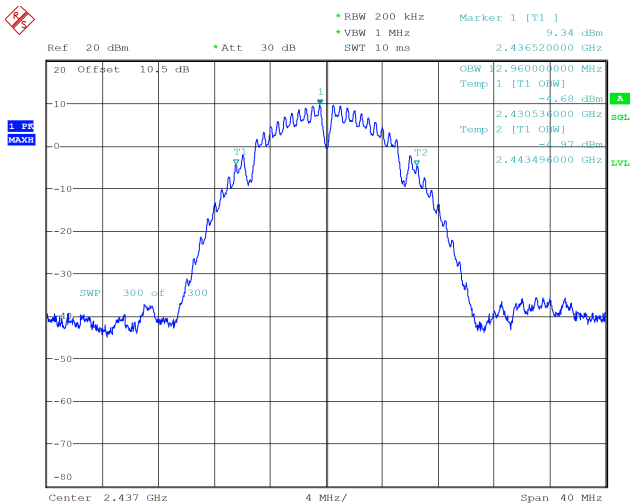
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:02:48

b_2437MHz_Chain 0 12.760 MHz



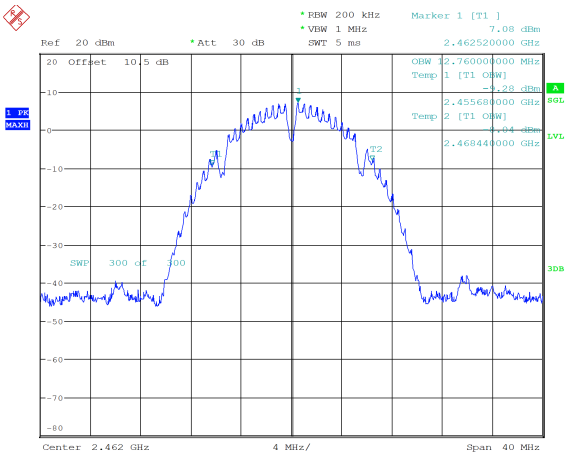
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:10:50

b_2437MHz_Chain 1 12.960 MHz



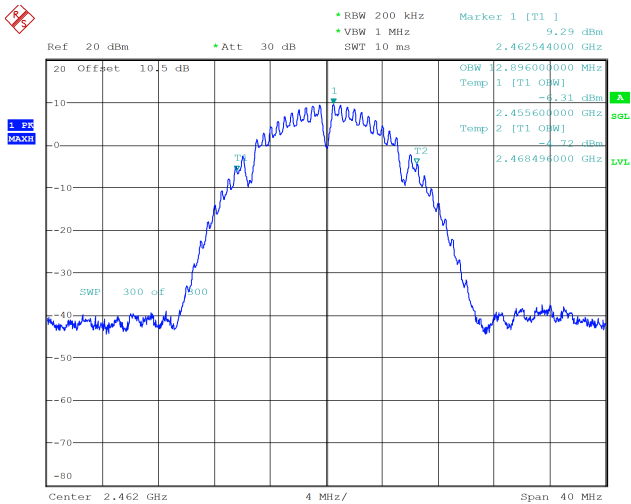
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:04:56

b_2462MHz_Chain 0 12.760 MHz



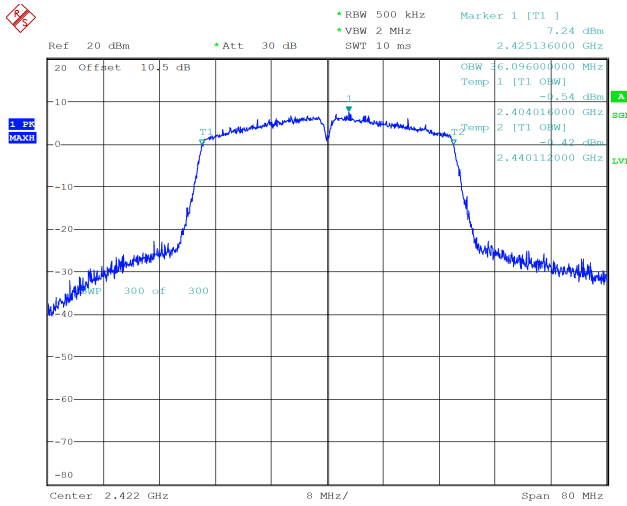
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:17:57

b_2462MHz_Chain 1 12.896 MHz



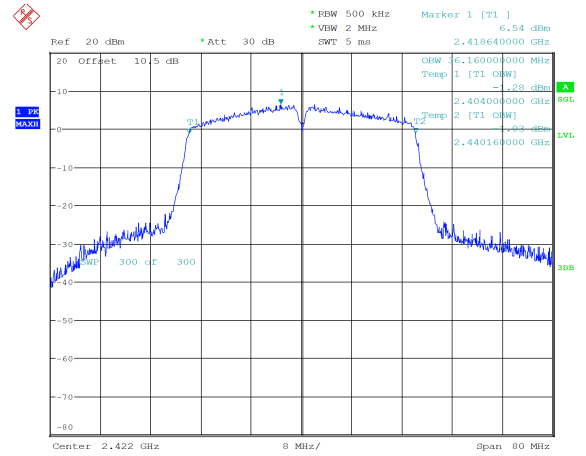
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:09:04

n40_2422MHz_Chain 0 36.096 MHz



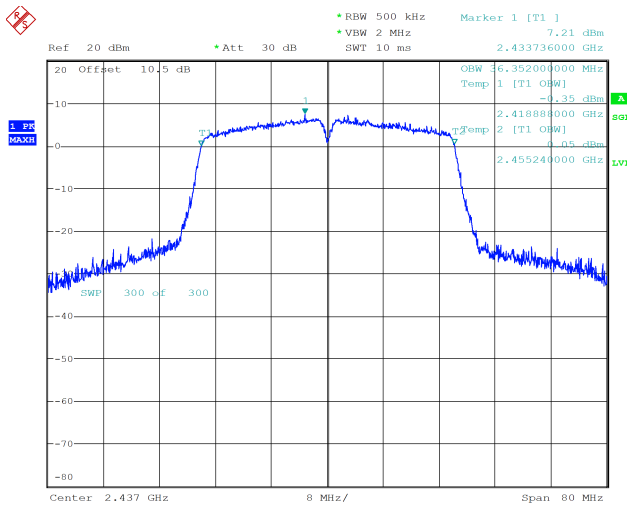
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Date: 8.MAY.2024 18:44:52

n40_2422MHz_Chain 1 36.160 MHz



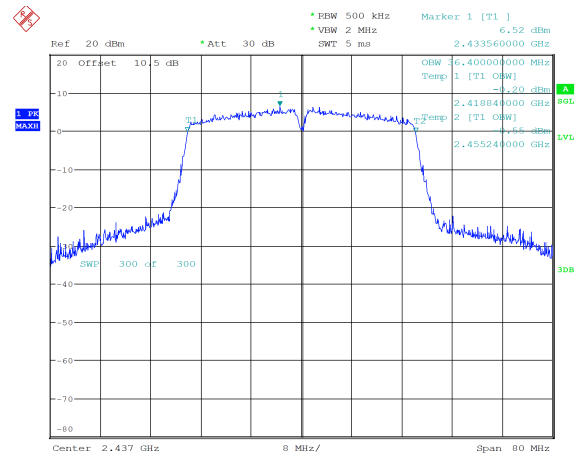
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Date: 9.MAY.2024 20:31:22

n40_2437MHz_Chain 0 36.352 MHz



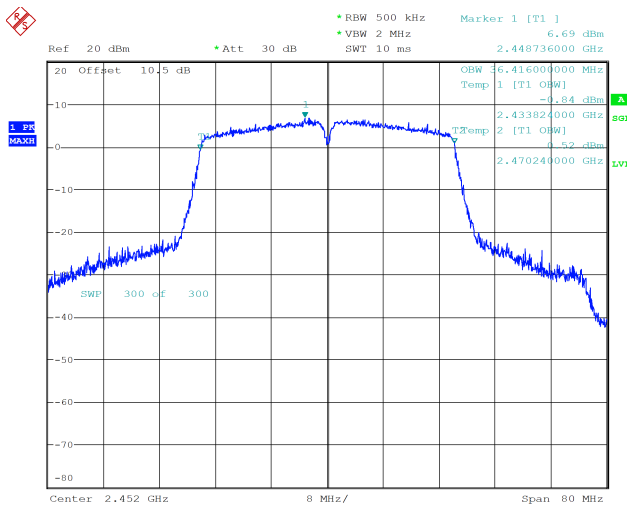
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:48:46

n40_2437MHz_Chain 1 36.400 MHz



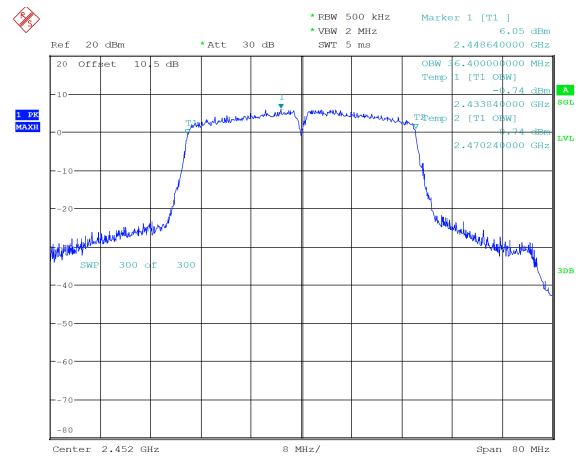
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:44:26

n40_2452MHz_Chain 0 36.416 MHz



Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:52:02

n40_2452MHz_Chain 1 36.400 MHz



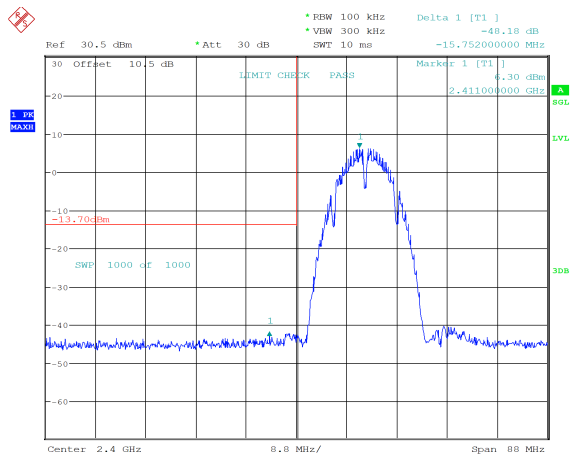
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:58:22

100 kHz Bandwidth of Frequency Band Edge

Mode	Value (dB)	Limit (dB)	Result
b_2412MHz_Chain 0	48.18	20.00	Pass
b_2412MHz_Chain 1	49.18	20.00	Pass
b_2462MHz_Chain 0	49.25	20.00	Pass
b_2462MHz_Chain 1	50.84	20.00	Pass
g_2412MHz_Chain 0	31.87	20.00	Pass
g_2412MHz_Chain 1	27.07	20.00	Pass
g_2462MHz_Chain 0	42.07	20.00	Pass
g_2462MHz_Chain 1	41.15	20.00	Pass
n20_2412MHz_Chain 0	30.56	20.00	Pass
n20_2412MHz_Chain 1	28.25	20.00	Pass
n20_2462MHz_Chain 0	41.73	20.00	Pass
n20_2462MHz_Chain 1	38.07	20.00	Pass
n40_2422MHz_Chain 0	31.65	20.00	Pass
n40_2422MHz_Chain 1	30.70	20.00	Pass
n40_2452MHz_Chain 0	34.23	20.00	Pass
n40_2452MHz_Chain 1	35.48	20.00	Pass

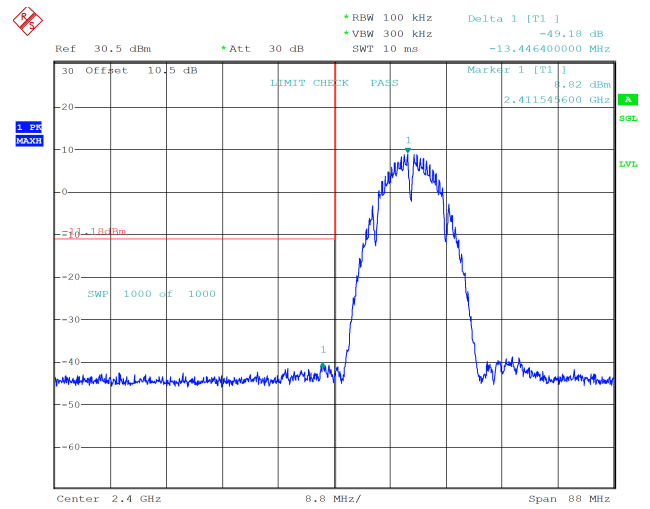
2.4G

b_2412MHz_Chain 0 48.18 dB



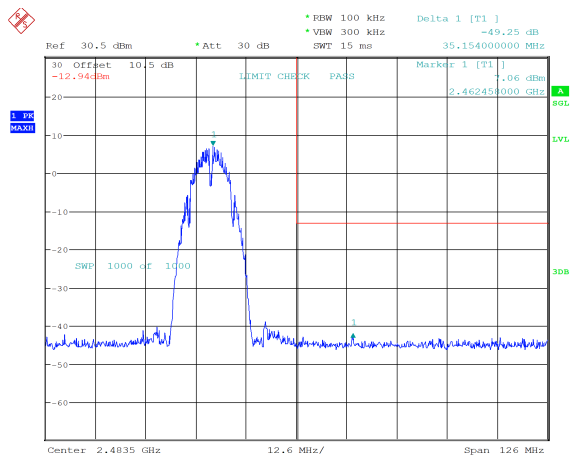
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Date: 8.MAY.2024 00:03:10

b_2412MHz_Chain 1 49.18 dB



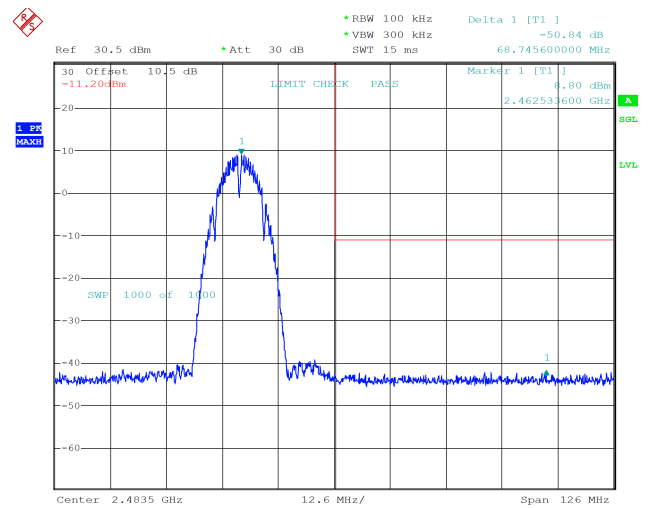
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:00:44

b_2462MHz_Chain 0 49.25 dB



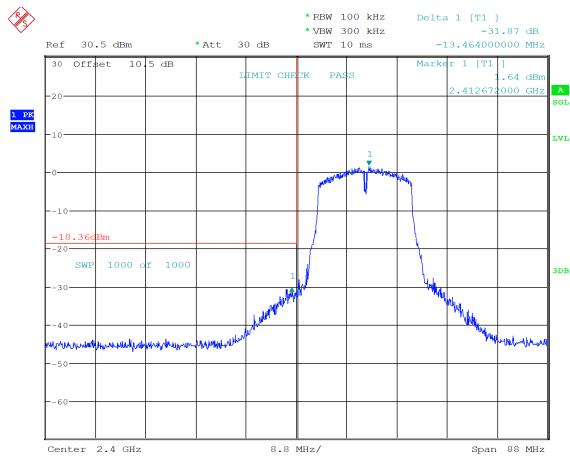
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Date: 8.MAY.2024 00:14:55

b_2462MHz_Chain 1 50.84 dB



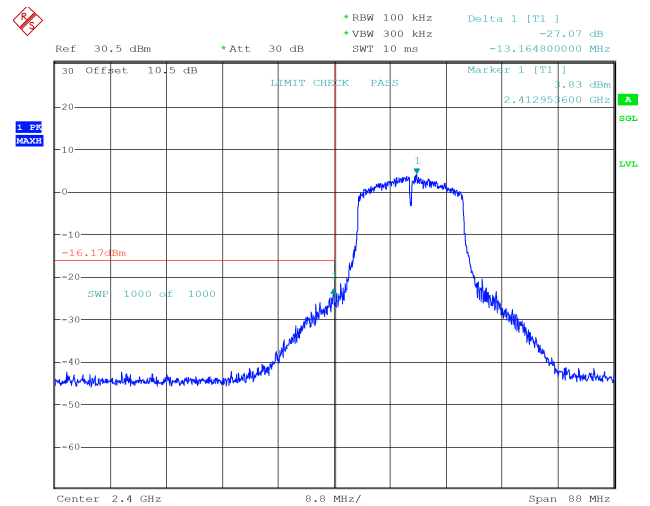
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:06:40

g_2412MHz_Chain 0 31.87 dB



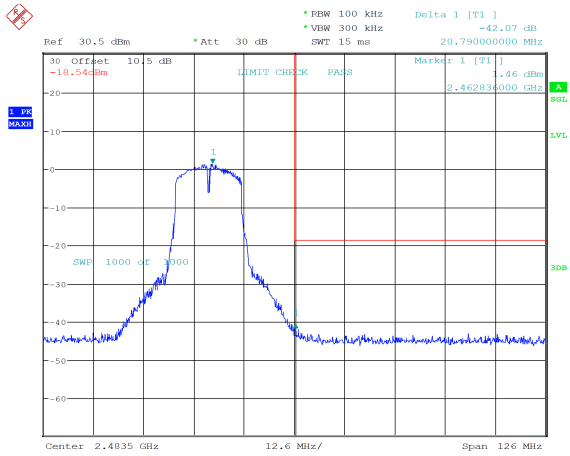
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:22:10

g_2412MHz_Chain 1 27.07 dB

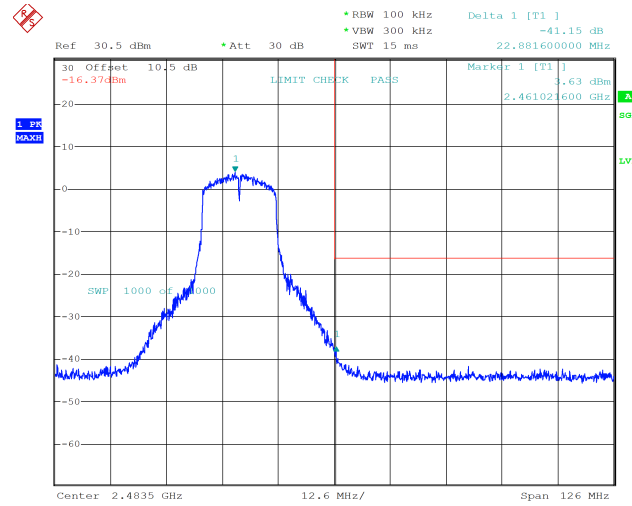


Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:10:32

g_2462MHz_Chain 0 42.07 dB



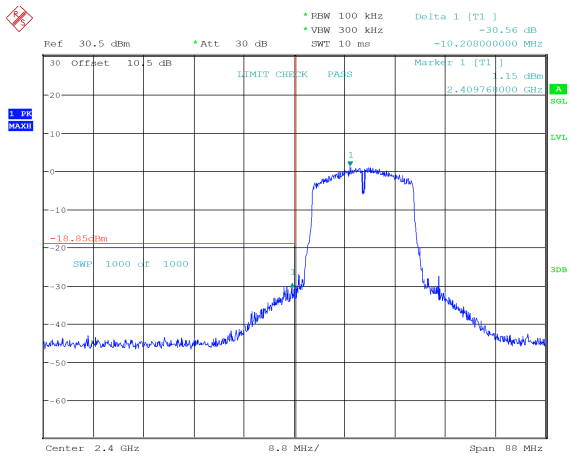
g_2462MHz_Chain 1 41.15 dB



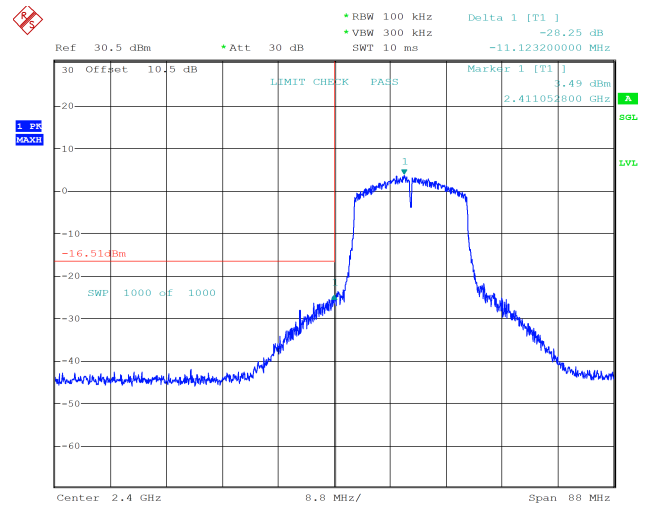
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:38:37

Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:19:11

n20_2412MHz_Chain 0 30.56 dB



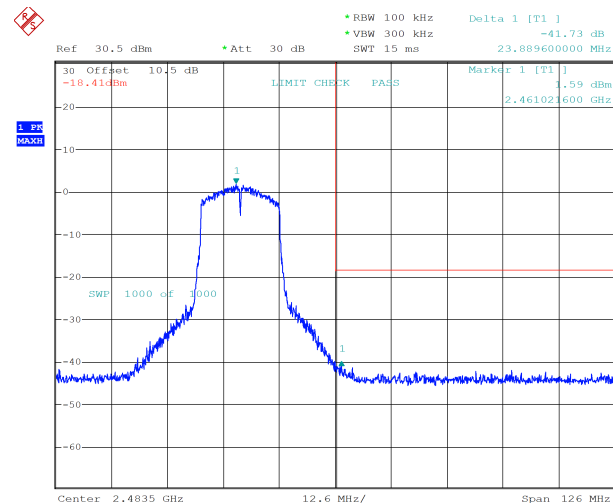
n20_2412MHz_Chain 1 28.25 dB



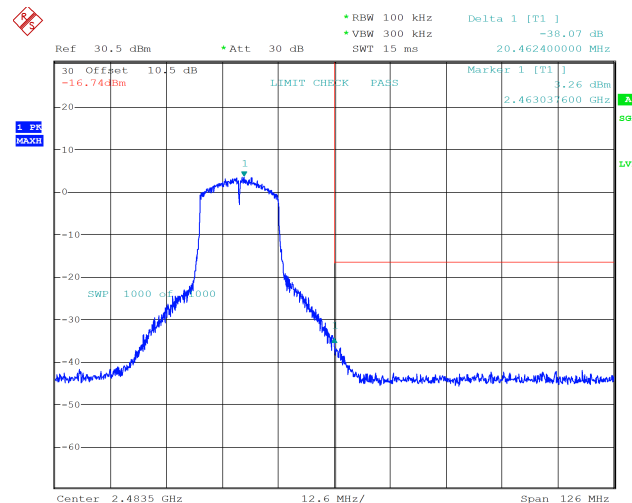
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:48:13

Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:23:33

n20_2462MHz_Chain 0 41.73 dB



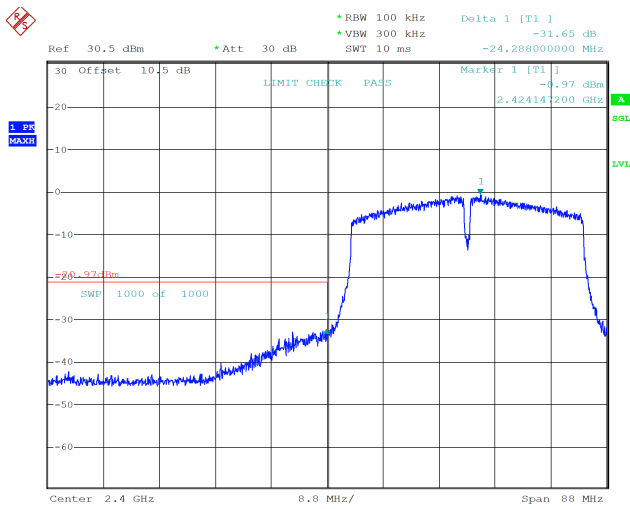
n20_2462MHz_Chain 1 38.07 dB



Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:39:06

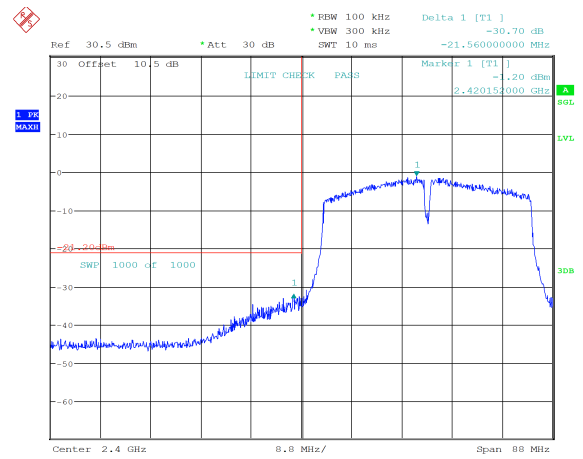
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 20:29:25

n40_2422MHz_Chain 0 31.65 dB



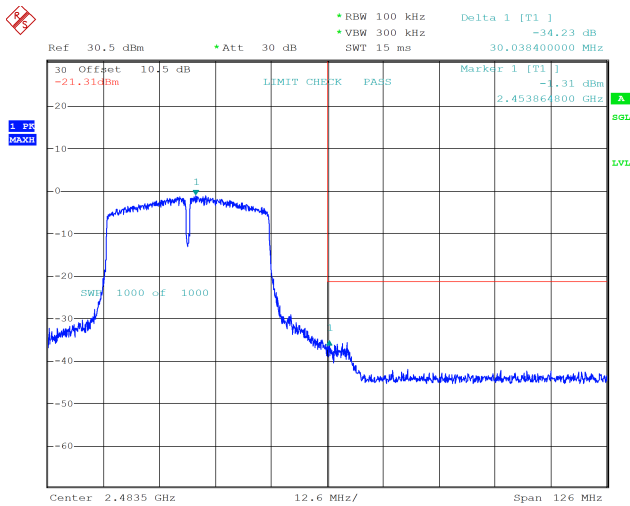
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:43:13

n40_2422MHz_Chain 1 30.70 dB



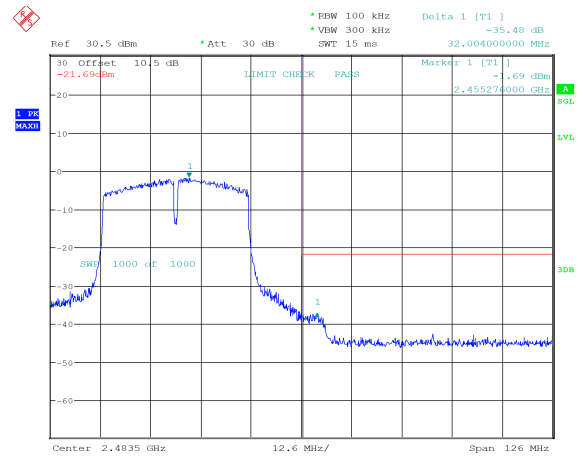
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:29:34

n40_2452MHz_Chain 0 34.23 dB



Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 18:50:26

n40_2452MHz_Chain 1 35.48 dB



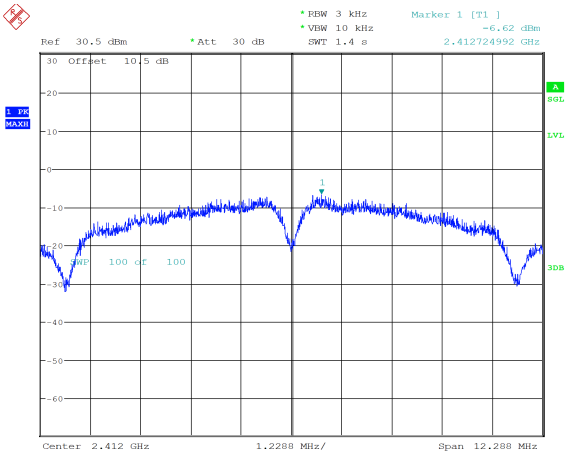
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 20:56:44

Power Spectral Density

Mode	Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
b_2412MHz_Chain 0	-6.62	8.00	Pass
b_2412MHz_Chain 1	-4.65	8.00	Pass
b_2437MHz_Chain 0	-6.15	8.00	Pass
b_2437MHz_Chain 1	-4.21	8.00	Pass
b_2462MHz_Chain 0	-6.52	8.00	Pass
b_2462MHz_Chain 1	-4.28	8.00	Pass
g_2412MHz_Chain 0	-9.62	8.00	Pass
g_2412MHz_Chain 1	-7.68	8.00	Pass
g_2437MHz_Chain 0	-9.24	8.00	Pass
g_2437MHz_Chain 1	-7.65	8.00	Pass
g_2462MHz_Chain 0	-9.55	8.00	Pass
g_2462MHz_Chain 1	-7.70	8.00	Pass
n20_2412MHz_Chain 0	-9.45	8.00	Pass
n20_2412MHz_Chain 1	-7.12	8.00	Pass
n20_2437MHz_Chain 0	-9.37	8.00	Pass
n20_2437MHz_Chain 1	-6.31	8.00	Pass
n20_2462MHz_Chain 0	-9.81	8.00	Pass
n20_2462MHz_Chain 1	-7.70	8.00	Pass
n40_2422MHz_Chain 0	-11.54	8.00	Pass
n40_2422MHz_Chain 1	-10.78	8.00	Pass
n40_2437MHz_Chain 0	-22.33	8.00	Pass
n40_2437MHz_Chain 1	-12.33	8.00	Pass
n40_2452MHz_Chain 0	-22.31	8.00	Pass
n40_2452MHz_Chain 1	-12.18	8.00	Pass

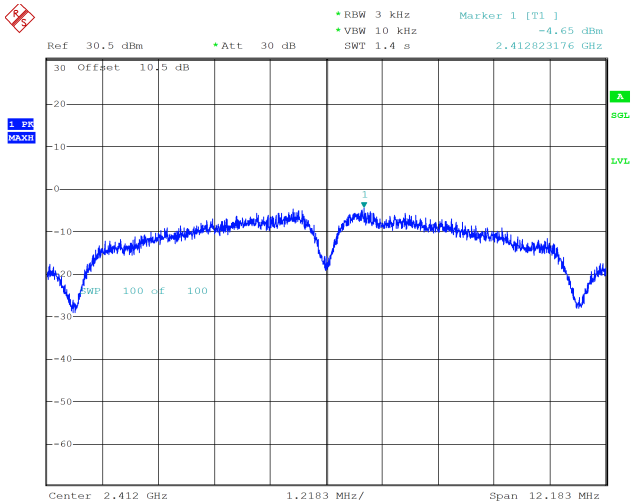
2.4G

b_2412MHz_Chain 0 -6.62 dBm/3kHz



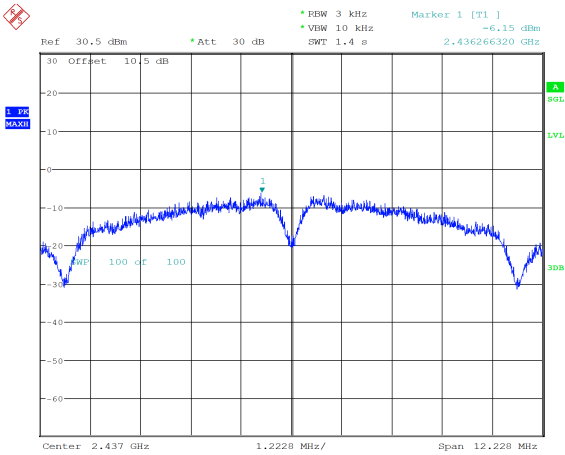
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:08:16

b_2412MHz_Chain 1 -4.65 dBm/3kHz



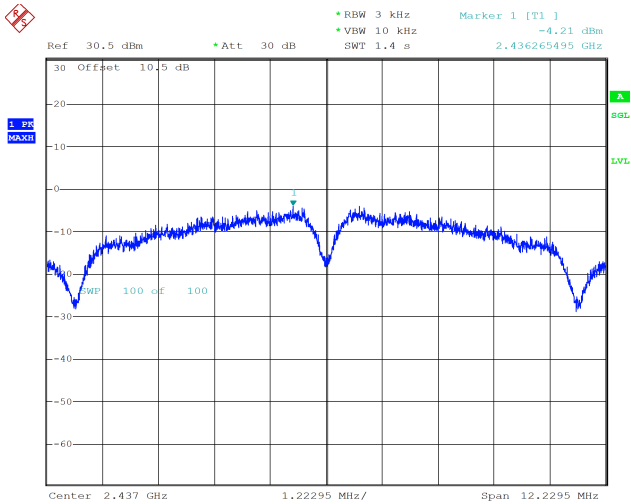
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 23:36:52

b_2437MHz_Chain 0 -6.15 dBm/3kHz



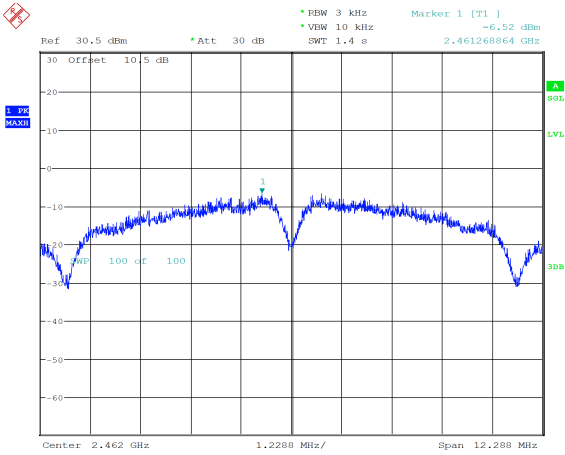
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:13:20

b_2437MHz_Chain 1 -4.21 dBm/3kHz



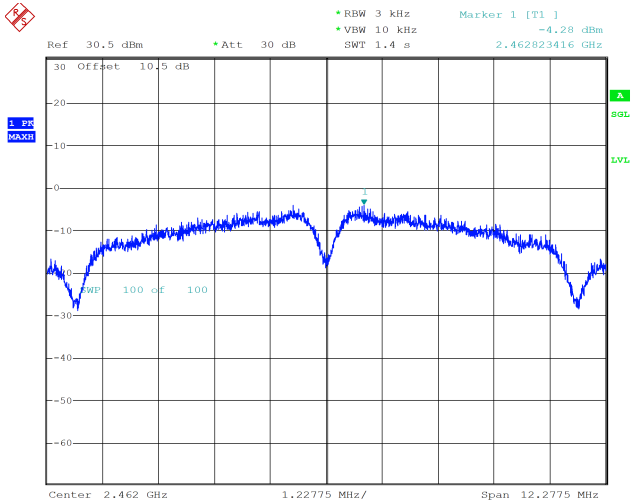
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 23:39:37

b_2462MHz_Chain 0 -6.52 dBm/3kHz



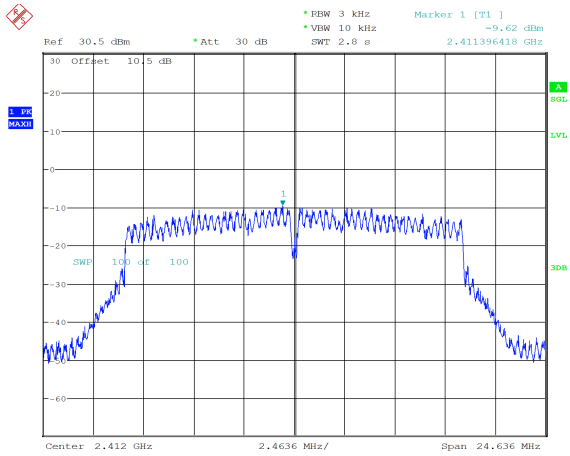
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:20:28

b_2462MHz_Chain 1 -4.28 dBm/3kHz



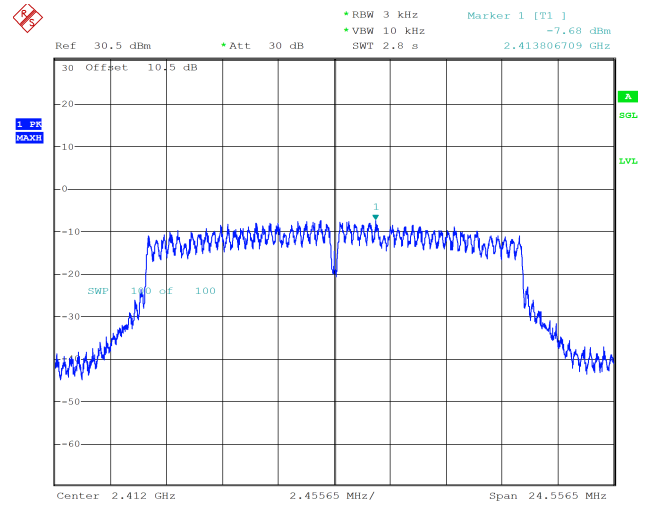
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 23:42:33

g_2412MHz_Chain 0 -9.62 dBm/3kHz



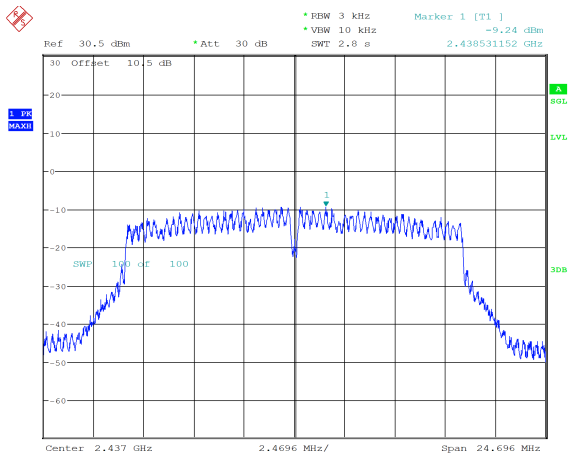
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:29:36

g_2412MHz_Chain 1 -7.68 dBm/3kHz



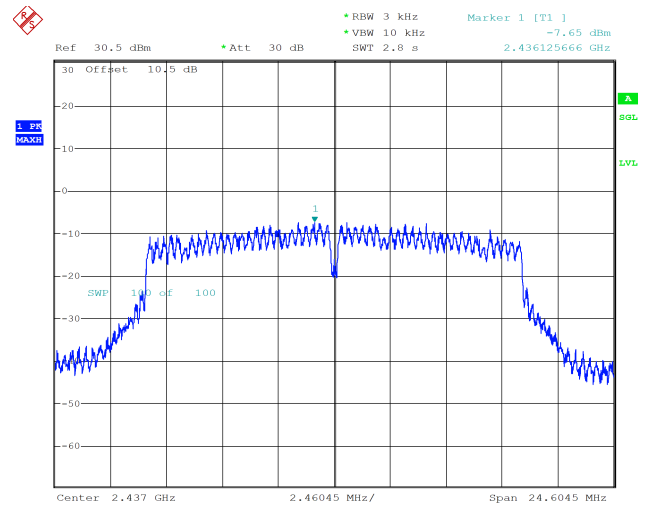
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 00:11:04

g_2437MHz_Chain 0 -9.24 dBm/3kHz



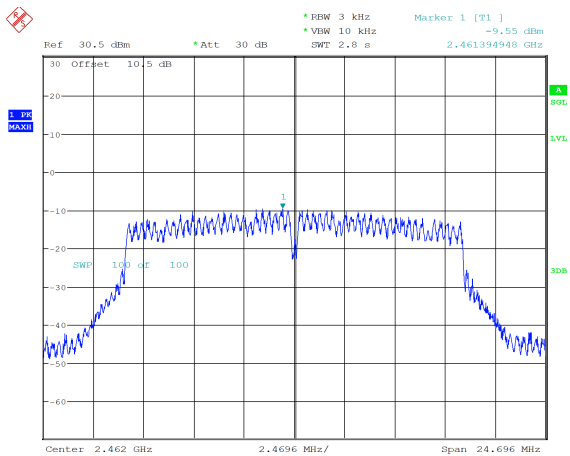
ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:37:04

g_2437MHz_Chain 1 -7.65 dBm/3kHz



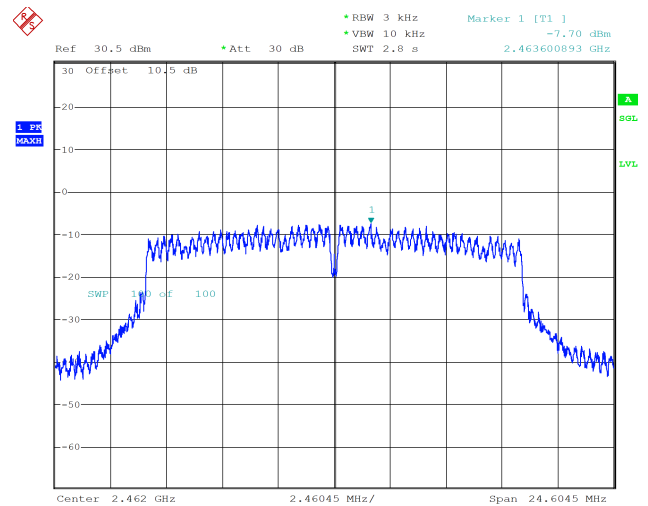
Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 00:16:51

g_2462MHz_Chain 0 -9.55 dBm/3kHz



ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 8.MAY.2024 00:46:30

g_2462MHz_Chain 1 -7.70 dBm/3kHz



Comment: ProjectNo.:2403S72396E-RF Tester:Chin Qin
Date: 9.MAY.2024 00:40:15