

FCC Part 15.407

Test Information:

Serial No.:	2DXO-7	Test Date:	2023/12/18~2023/12/19
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1-25.8	Relative Humidity: (%)	54-56	ATM Pressure: (kPa)	101.1-102.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	100147	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
Anritsu	Power Meter	ML2495A	1106009	2023/08/04	2024/08/03
Anritsu	Pulse Power Sensor	MA2411A	10780	2023/08/04	2024/08/03

* 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).

Emission Bandwidth**5.2G_26 dB EBW**

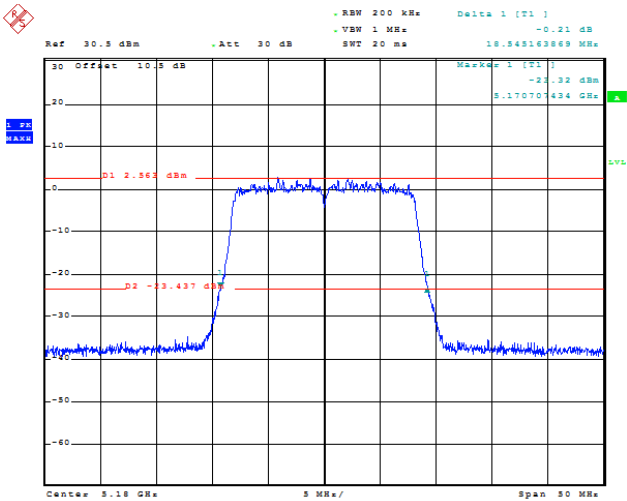
Mode	Value (MHz)
a_5180MHz_Chain 0	18.545
a_5200MHz_Chain 0	18.585
a_5240MHz_Chain 0	18.745
n20_5180MHz_Chain 0	19.584
n20_5200MHz_Chain 0	19.544
n20_5240MHz_Chain 0	19.544
n40_5190MHz_Chain 0	39.249
n40_5230MHz_Chain 0	39.169
ac80_5210MHz_Chain 0	86.491
ax20_5180MHz_Chain 0	20.424
ax20_5200MHz_Chain 0	20.424
ax20_5240MHz_Chain 0	20.344
ax40_5190MHz_Chain 0	40.608
ax40_5230MHz_Chain 0	40.608
ax80_5210MHz_Chain 0	82.814

5.8G_6 dB EBW

Mode	Value (MHz)	Limit (MHz)	Result
a_5745MHz_Chain 0	16.403	0.500	Pass
a_5785MHz_Chain 0	16.403	0.500	Pass
a_5825MHz_Chain 0	16.403	0.500	Pass
n20_5745MHz_Chain 0	17.330	0.500	Pass
n20_5785MHz_Chain 0	17.330	0.500	Pass
n20_5825MHz_Chain 0	17.170	0.500	Pass
n40_5755MHz_Chain 0	35.939	0.500	Pass
n40_5795MHz_Chain 0	35.811	0.500	Pass
ac80_5775MHz_Chain 0	76.739	0.500	Pass
ax20_5745MHz_Chain 0	18.066	0.500	Pass
ax20_5785MHz_Chain 0	18.066	0.500	Pass
ax20_5825MHz_Chain 0	18.066	0.500	Pass
ax40_5755MHz_Chain 0	37.794	0.500	Pass
ax40_5795MHz_Chain 0	37.794	0.500	Pass
ax80_5775MHz_Chain 0	78.018	0.500	Pass

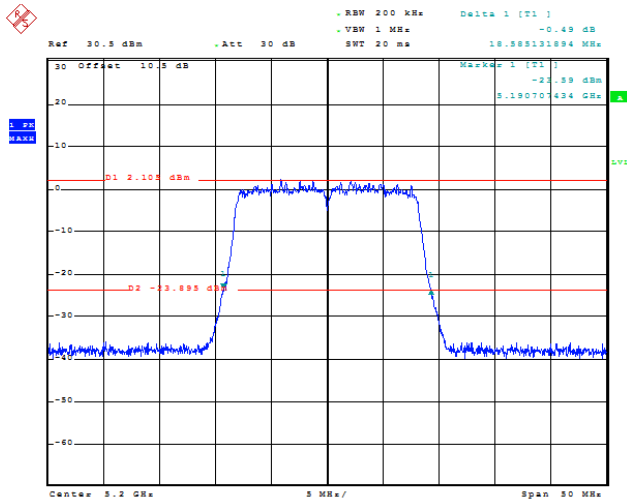
5.2G

a_5180MHz_Chain 0 18.545 MHz



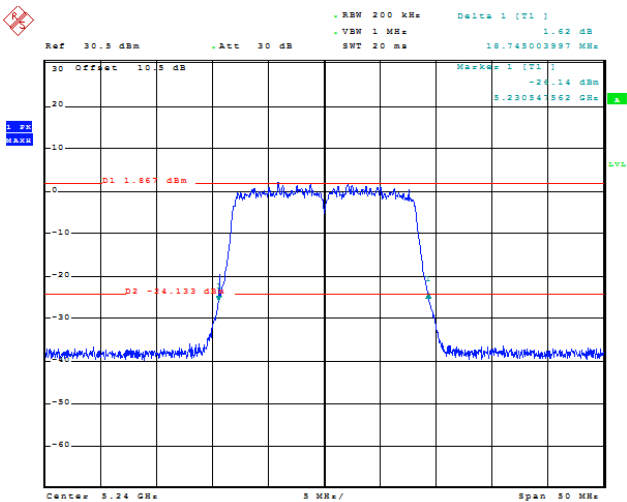
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:26:26

a_5200MHz_Chain 0 18.585 MHz



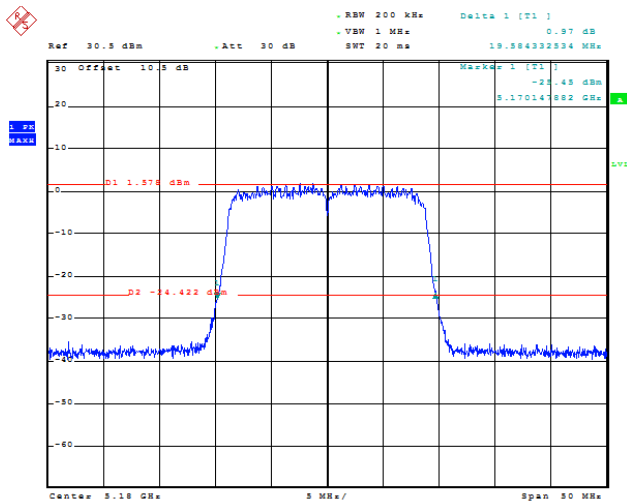
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:28:05

a_5240MHz_Chain 0 18.745 MHz



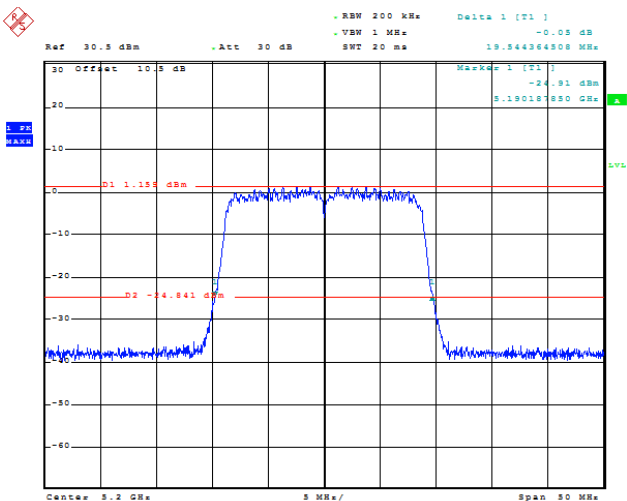
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n20_5180MHz_Chain 0 19.584 MHz



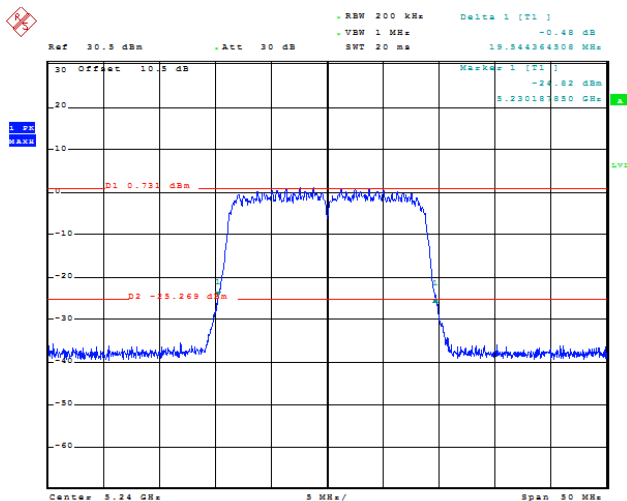
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Date: 18.DEC.2023 22:34:11

n20_5200MHz_Chain 0 19.544 MHz



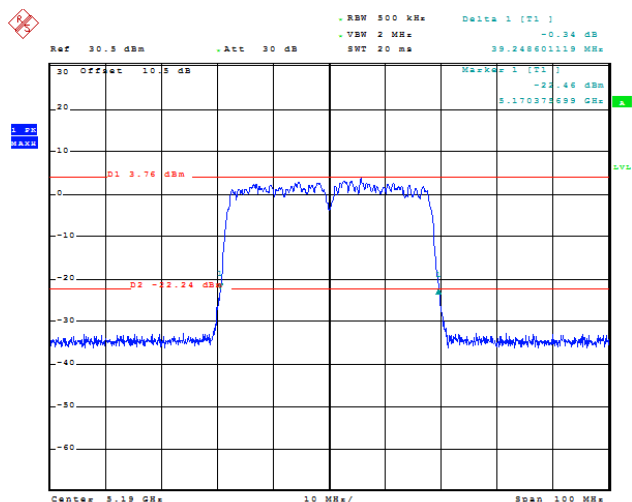
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n20_5240MHz_Chain 0 19.544 MHz



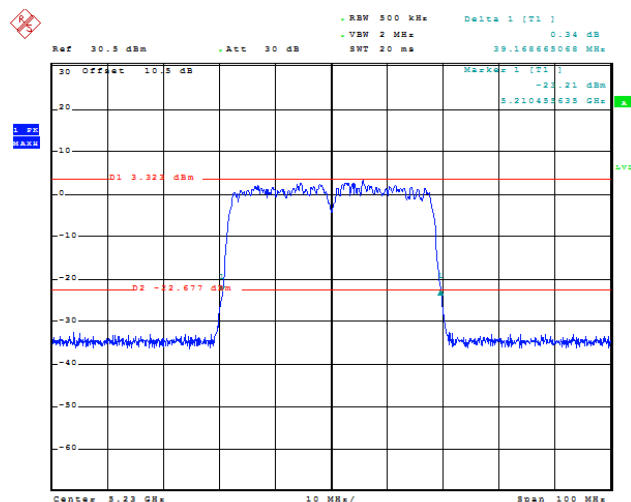
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Date: 18.DEC.2023 22:38:20

n40_5190MHz_Chain 0 39.249 MHz



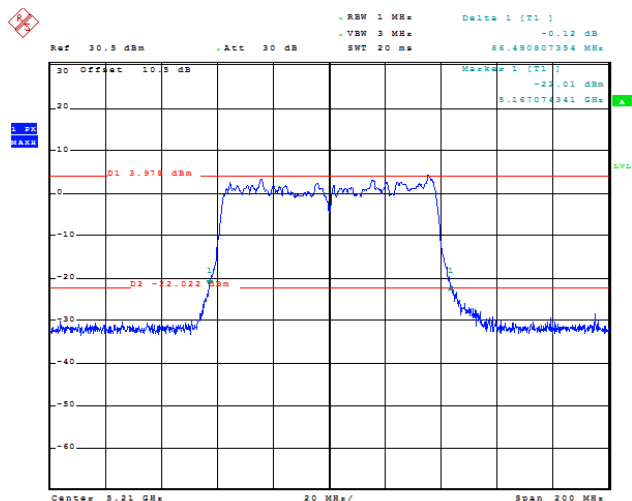
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Date: 18.DEC.2023 22:40:11

n40_5230MHz_Chain 0 39.169 MHz



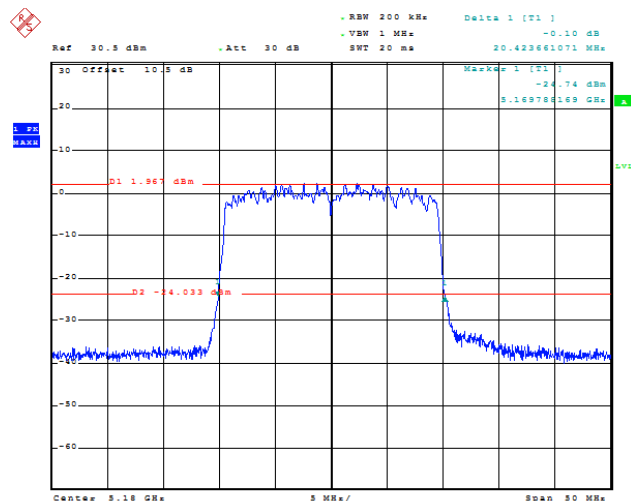
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Date: 18.DEC.2023 22:43:14

ac80_5210MHz_Chain 0 86.491 MHz



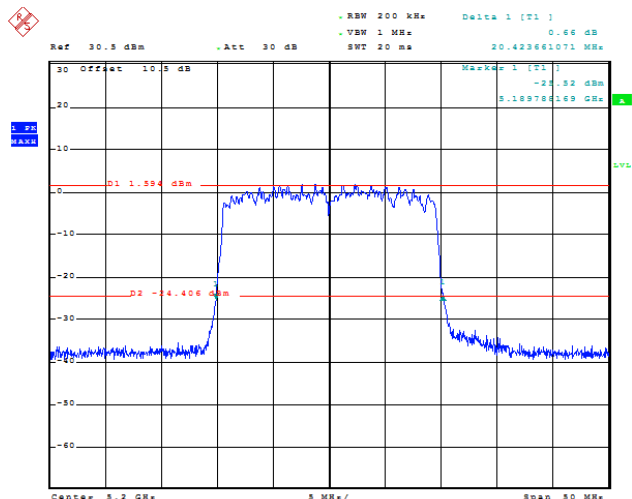
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Date: 18.DEC.2023 22:47:33

ax20_5180MHz_Chain 0 20.424 MHz



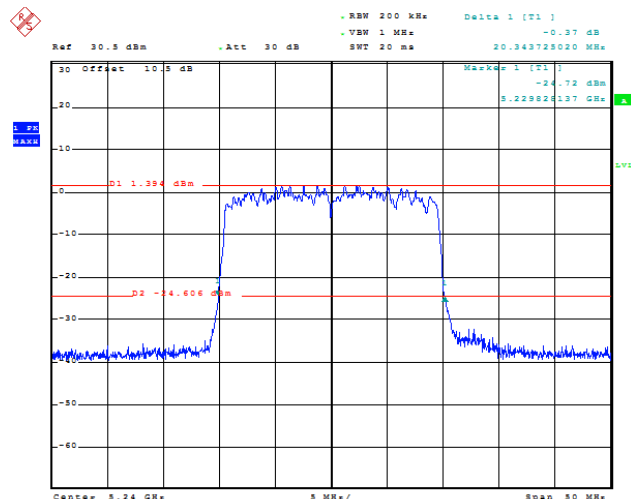
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ax20_5200MHz_Chain 0 20.424 MHz



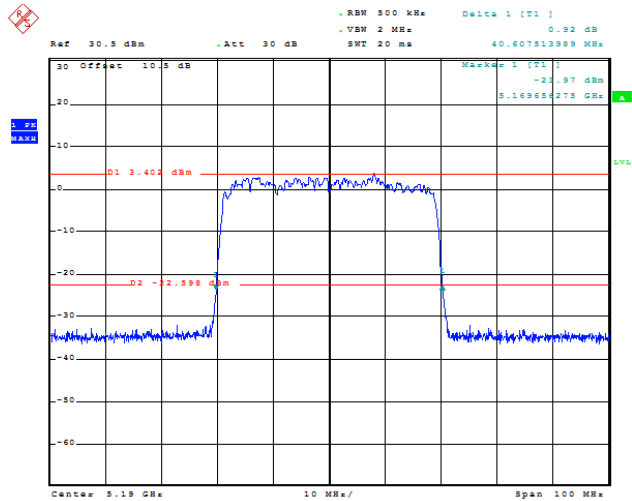
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ax20_5240MHz_Chain 0 20.344 MHz



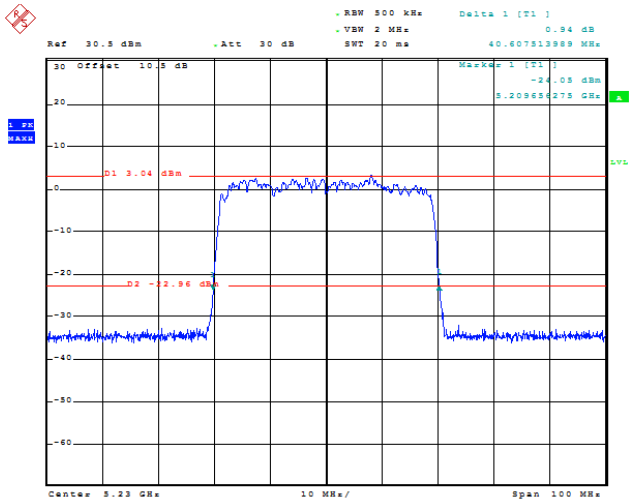
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:56:53

ax40_5190MHz_Chain 0 40.608 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:59:16

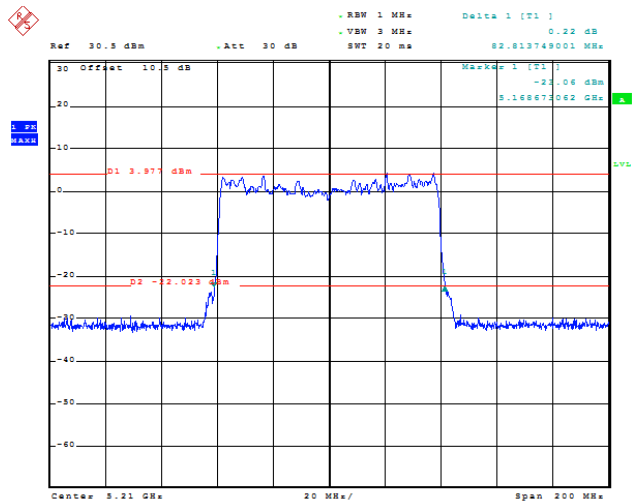
ax40_5230MHz_Chain 0 40.608 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:02:21

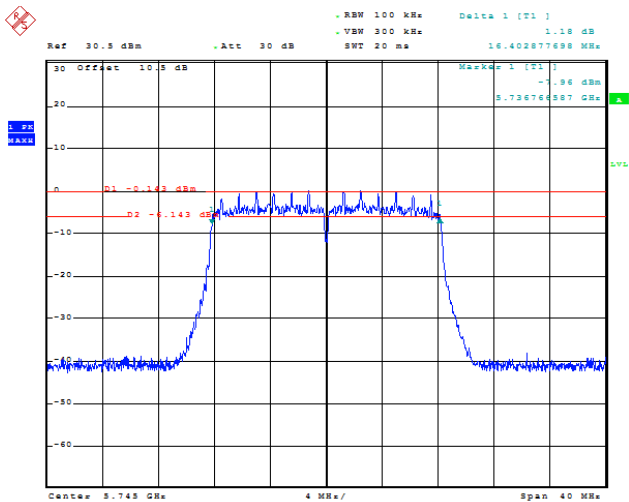
5.8G

ax80_5210MHz_Chain 0 82.814 MHz



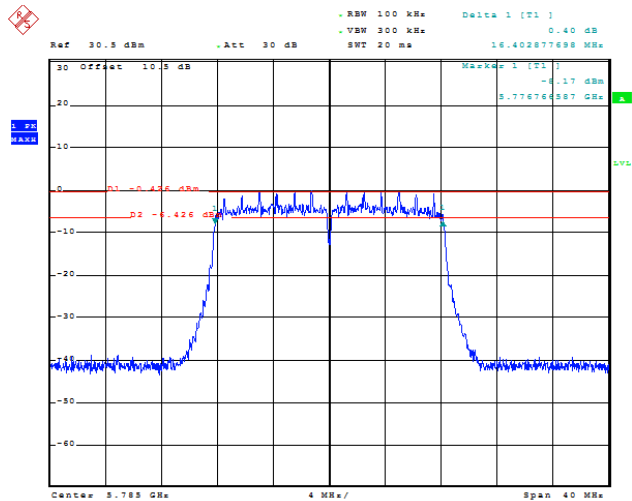
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:04:24

a_5745MHz_Chain 0 16.403 MHz



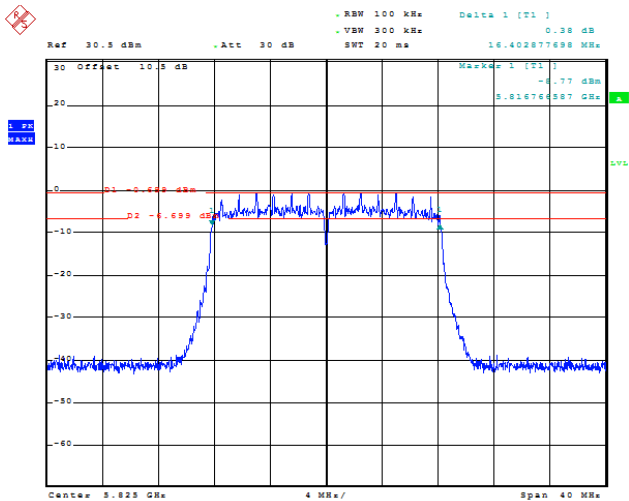
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Date: 18.DEC.2023 23:13:01

a_5785MHz_Chain 0 16.403 MHz



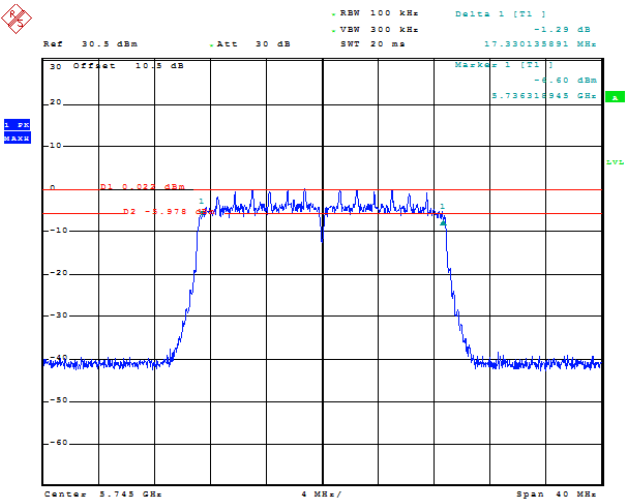
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Date: 18.DEC.2023 23:14:16

a_5825MHz_Chain 0 16.403 MHz



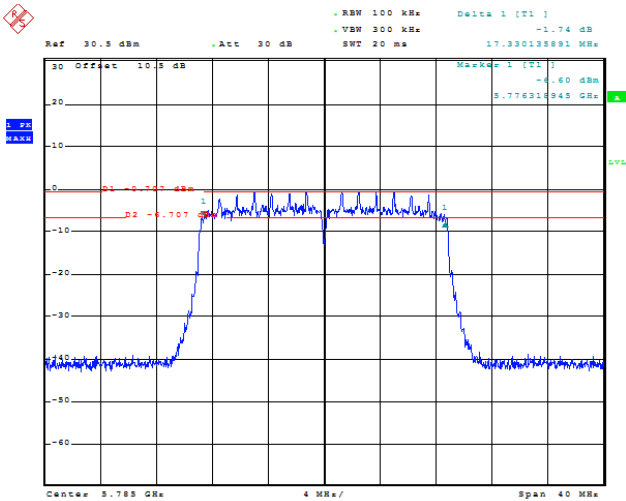
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Date: 18.DEC.2023 23:15:35

n20_5745MHz_Chain 0 17.330 MHz



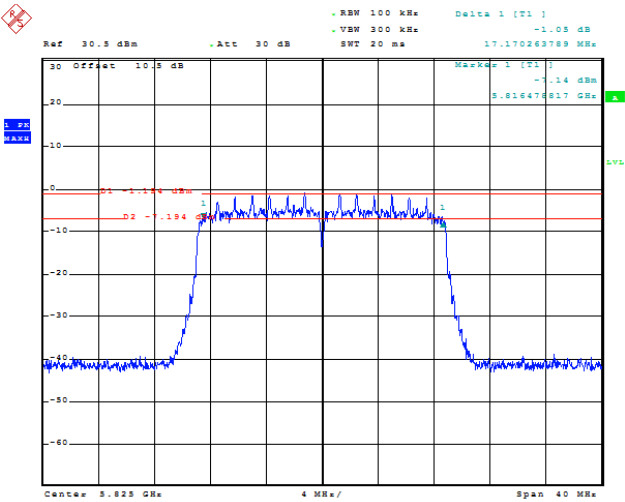
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n20_5785MHz_Chain 0 17.330 MHz



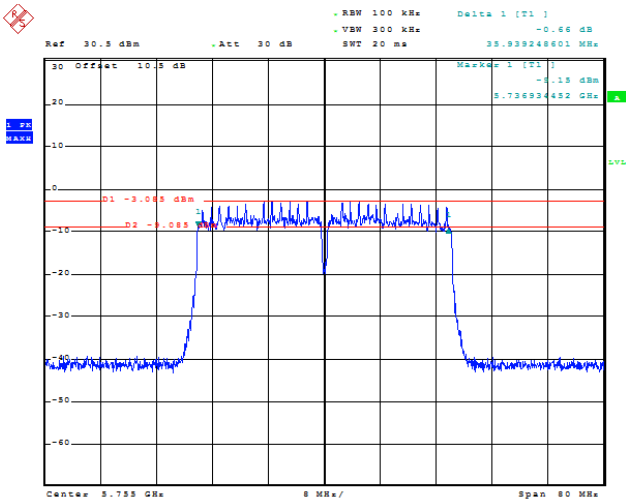
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Date: 18.DEC.2023 23:19:47

n20_5825MHz_Chain 0 17.170 MHz



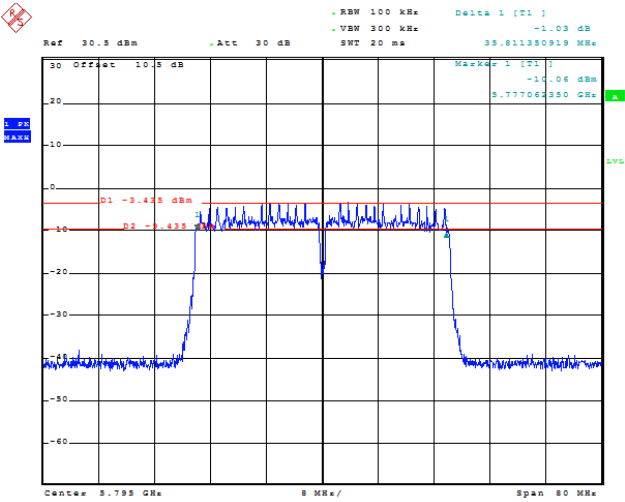
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n40_5755MHz_Chain 0 35.939 MHz



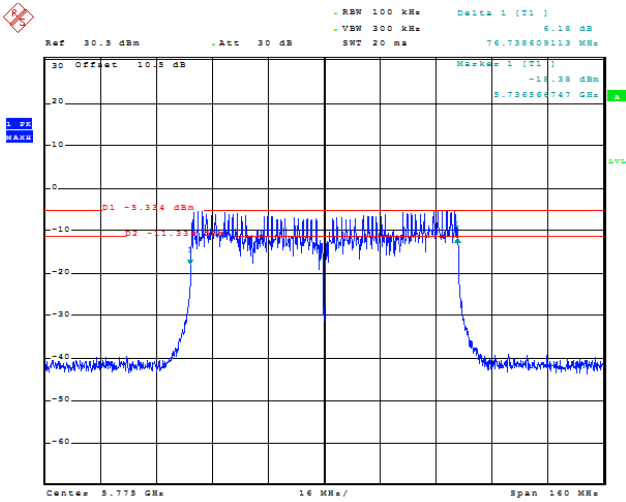
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Date: 18.DEC.2023 23:23:22

n40_5795MHz_Chain 0 35.811 MHz



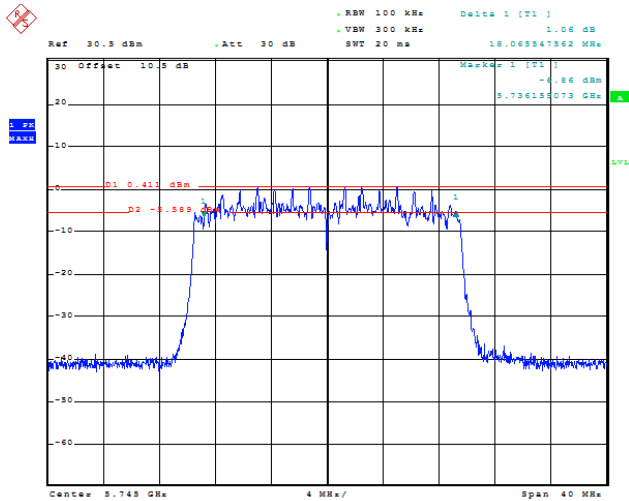
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Date: 18.DEC.2023 23:24:29

ac80_5775MHz_Chain 0 76.739 MHz



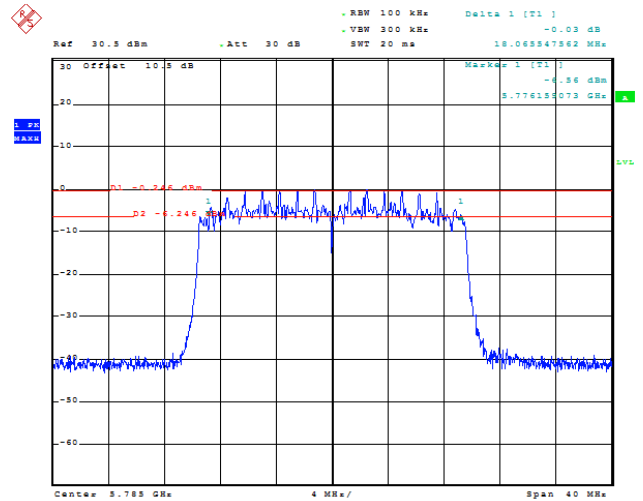
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Date: 18.DEC.2023 23:26:29

ax20_5745MHz_Chain 0 18.066 MHz



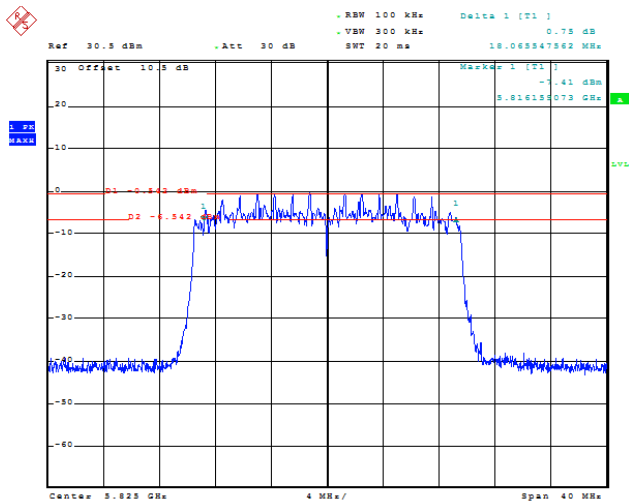
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 Date: 18.DEC.2023 23:28:44

ax20_5785MHz_Chain 0 18.066 MHz



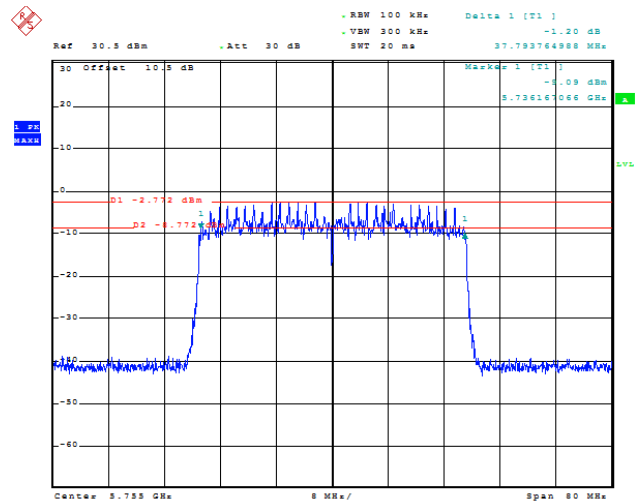
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 Date: 18.DEC.2023 23:30:05

ax20_5825MHz_Chain 0 18.066 MHz



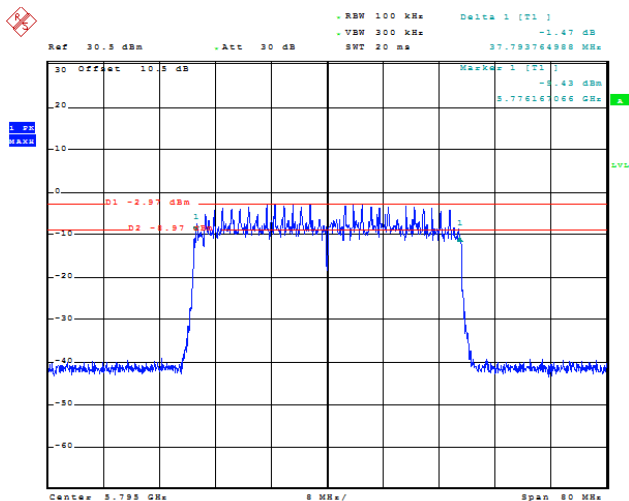
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 Date: 18.DEC.2023 23:31:27

ax40_5755MHz_Chain 0 37.794 MHz



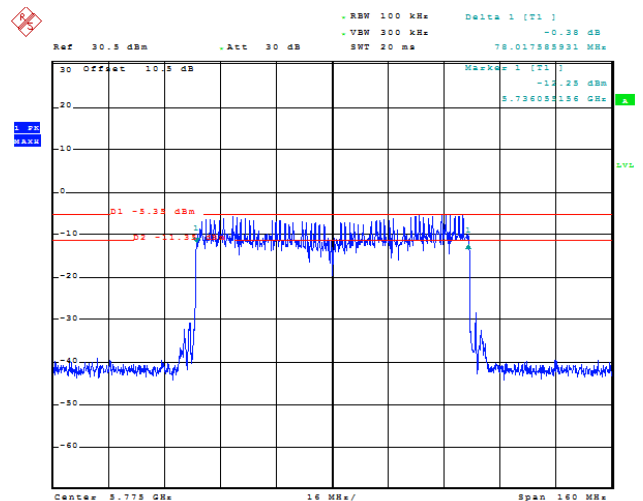
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 Date: 18.DEC.2023 23:33:05

ax40_5795MHz_Chain 0 37.794 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
 Date: 18.DEC.2023 23:34:33

ax80_5775MHz_Chain 0 78.018 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
 Date: 18.DEC.2023 23:35:58

99% Occupied Bandwidth**5.2G**

Mode	99% OBW (MHz)
a_5180MHz_Chain 0	16.352
a_5200MHz_Chain 0	16.352
a_5240MHz_Chain 0	16.352
n20_5180MHz_Chain 0	17.504
n20_5200MHz_Chain 0	17.504
n20_5240MHz_Chain 0	17.536
n40_5190MHz_Chain 0	36.160
n40_5230MHz_Chain 0	36.160
ac80_5210MHz_Chain 0	77.056
ax20_5180MHz_Chain 0	18.912
ax20_5200MHz_Chain 0	18.912
ax20_5240MHz_Chain 0	18.912
ax40_5190MHz_Chain 0	37.824
ax40_5230MHz_Chain 0	37.760
ax80_5210MHz_Chain 0	77.824

Note:

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5.8G

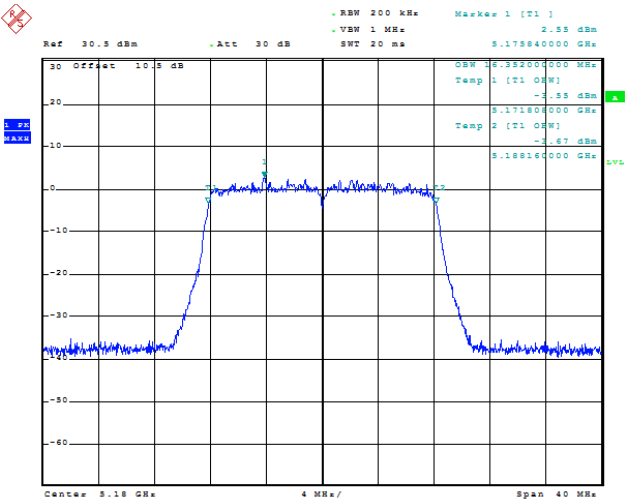
Mode	99% OBW (MHz)
a_5745MHz_Chain 0	16.384
a_5785MHz_Chain 0	16.352
a_5825MHz_Chain 0	16.384
n20_5745MHz_Chain 0	17.504
n20_5785MHz_Chain 0	17.536
n20_5825MHz_Chain 0	17.536
n40_5755MHz_Chain 0	36.160
n40_5795MHz_Chain 0	36.160
ac80_5775MHz_Chain 0	77.056
ax20_5745MHz_Chain 0	18.912
ax20_5785MHz_Chain 0	18.912
ax20_5825MHz_Chain 0	18.912
ax40_5755MHz_Chain 0	37.824
ax40_5795MHz_Chain 0	37.824
ax80_5775MHz_Chain 0	77.824

Note:

The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

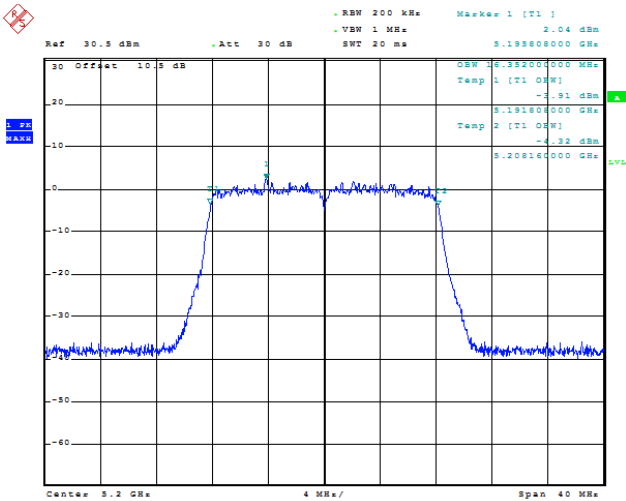
5.2G

a_5180MHz_Chain 0 16.352 MHz



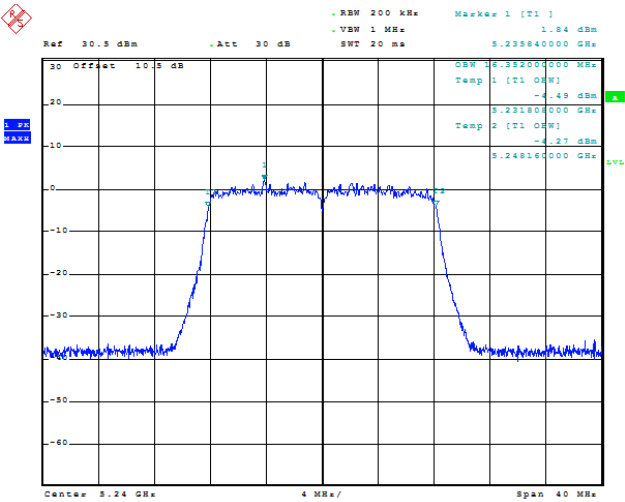
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Date: 18.DEC.2023 22:26:47

a_5200MHz_Chain 0 16.352 MHz



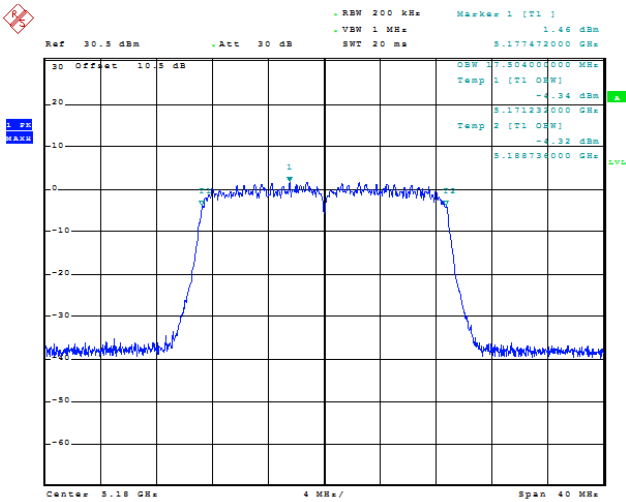
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a_5240MHz_Chain 0 16.352 MHz



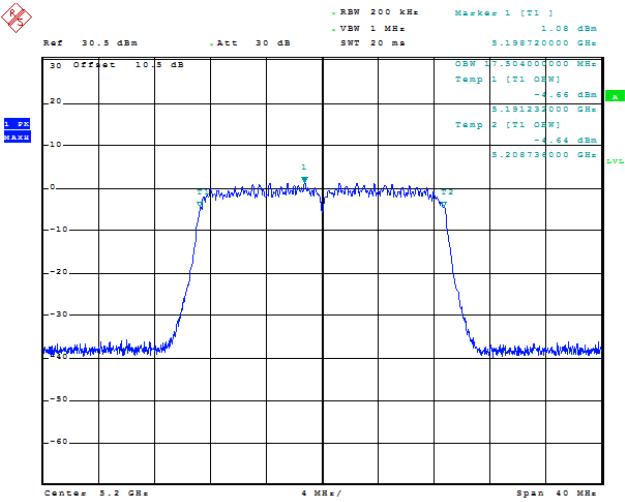
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Date: 18.DEC.2023 22:32:19

n20_5180MHz_Chain 0 17.504 MHz



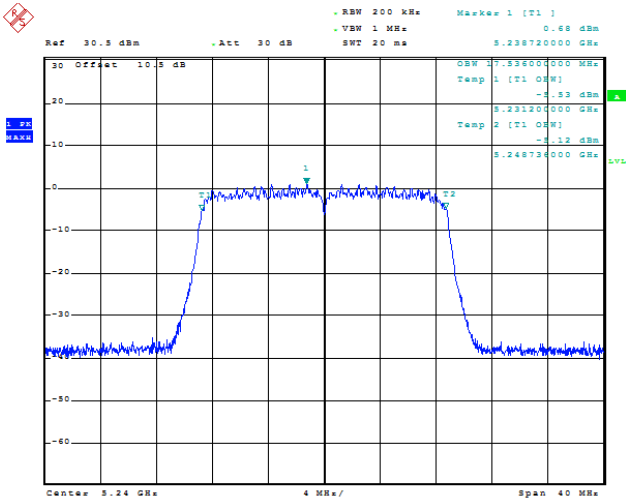
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n20_5200MHz_Chain 0 17.504 MHz



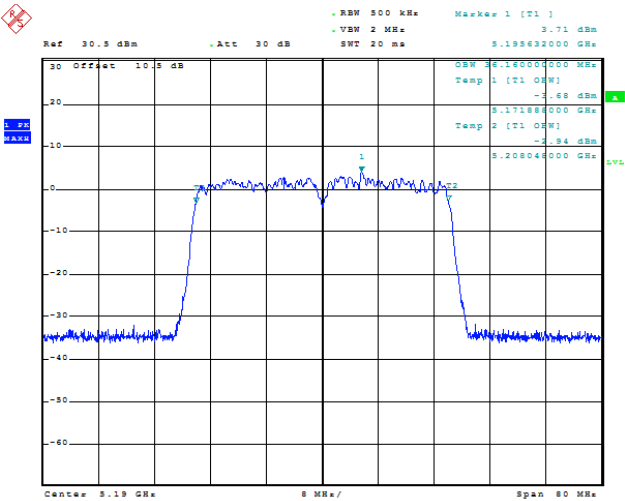
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n20_5240MHz_Chain 0 17.536 MHz



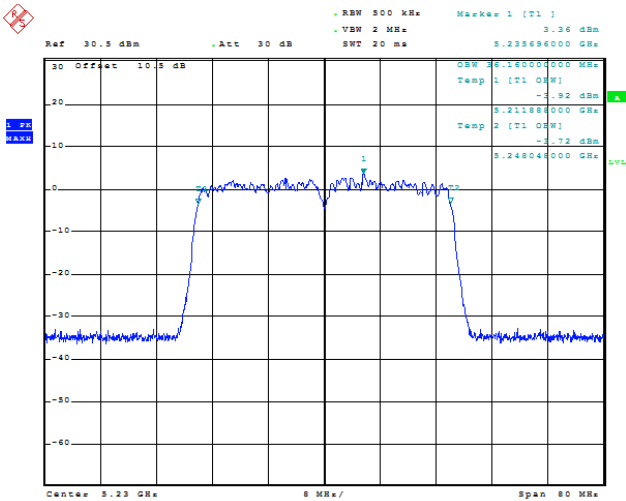
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n40_5190MHz_Chain 0 36.160 MHz



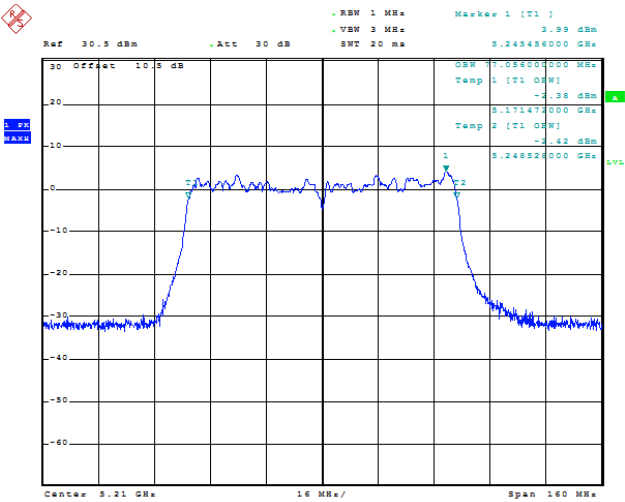
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n40_5230MHz_Chain 0 36.160 MHz



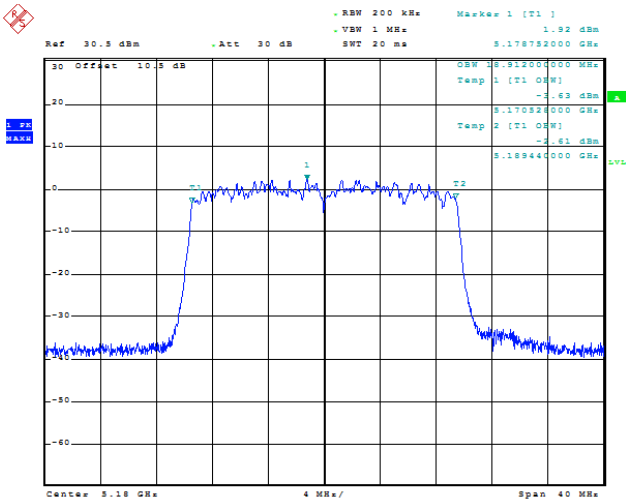
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Date: 18.DEC.2023 22:43:31

ac80_5210MHz_Chain 0 77.056 MHz



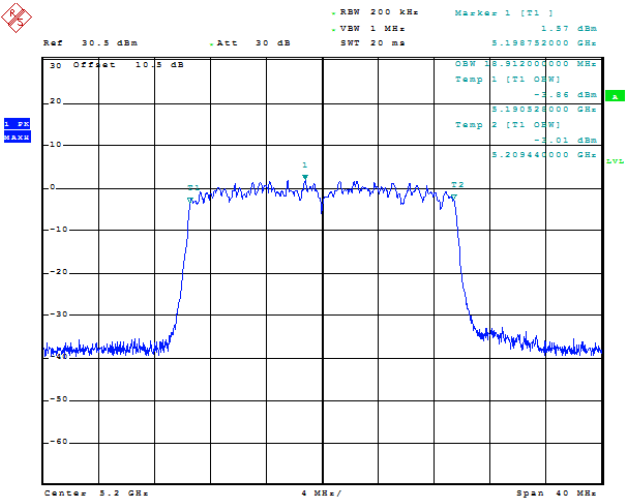
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Date: 18.DEC.2023 22:47:32

ax20_5180MHz_Chain 0 18.912 MHz



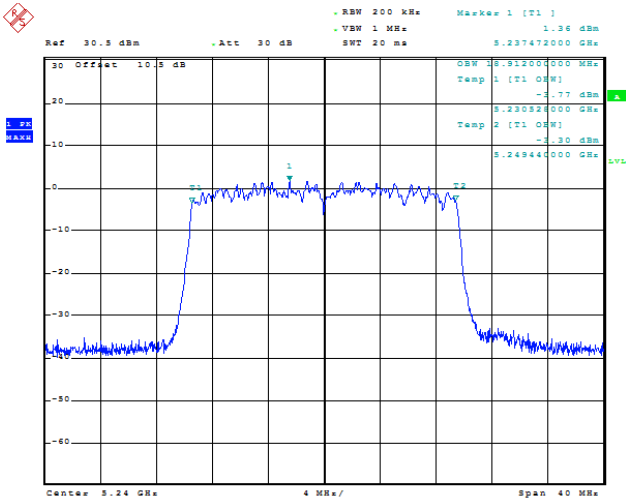
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ax20_5200MHz_Chain 0 18.912 MHz



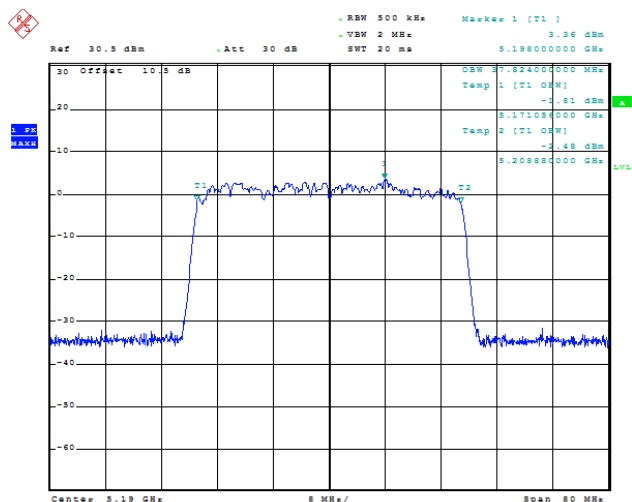
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ax20_5240MHz_Chain 0 18.912 MHz



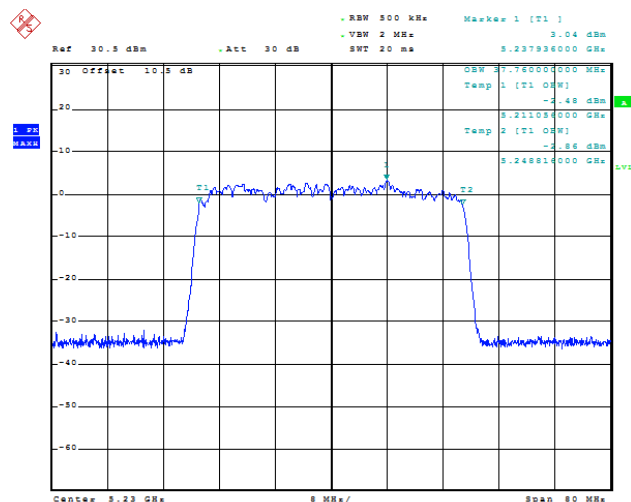
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Date: 18.DEC.2023 22:57:13

ax40_5190MHz_Chain 0 37.824 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:59:34

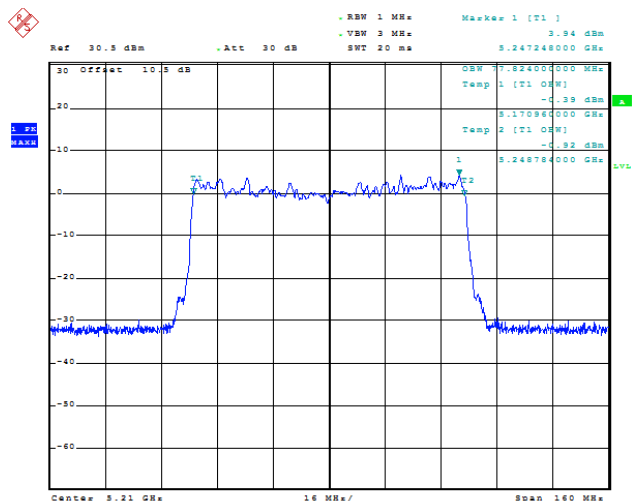
ax40_5230MHz_Chain 0 37.760 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:02:38

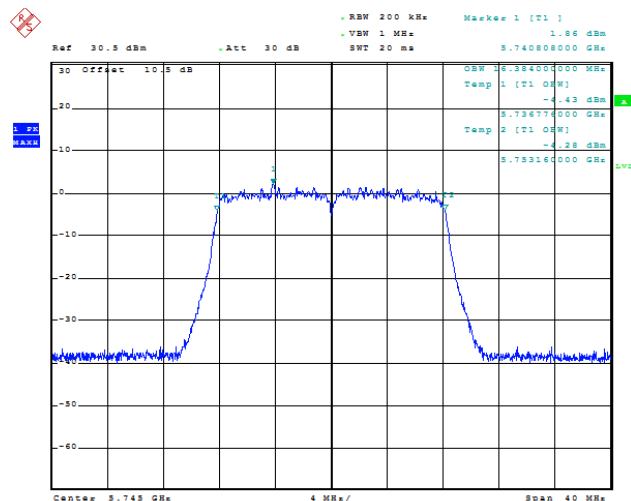
5.8G

ax80_5210MHz_Chain 0 77.824 MHz



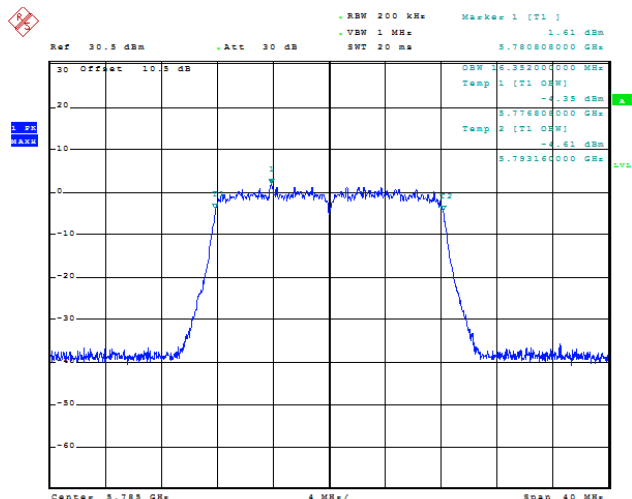
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Date: 18.DEC.2023 23:04:40

a_5745MHz_Chain 0 16.384 MHz



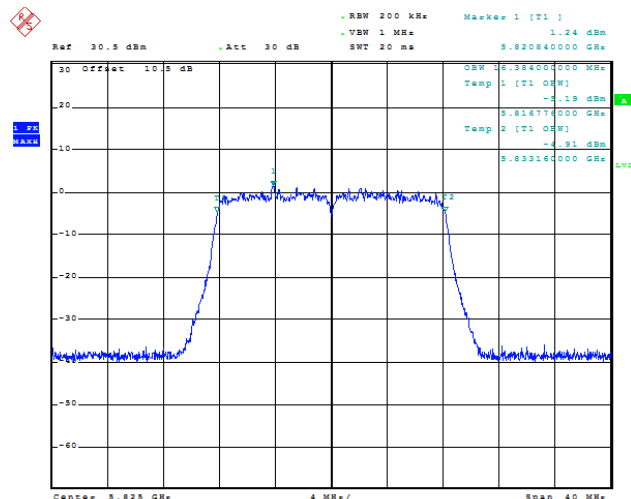
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Date: 18.DEC.2023 23:13:23

a_5785MHz_Chain 0 16.352 MHz



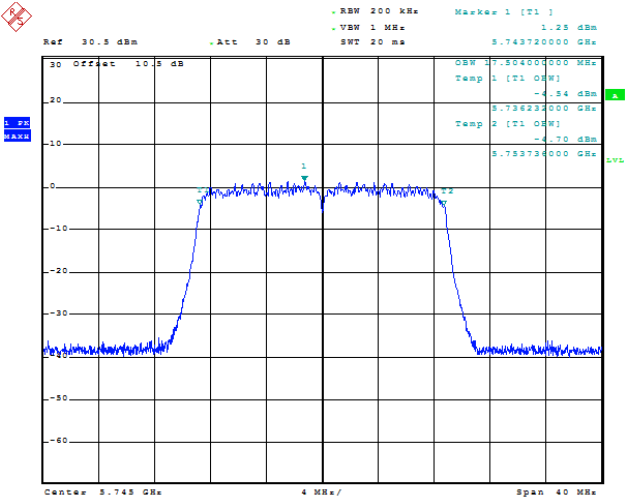
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Date: 18.DEC.2023 23:14:34

a_5825MHz_Chain 0 16.384 MHz



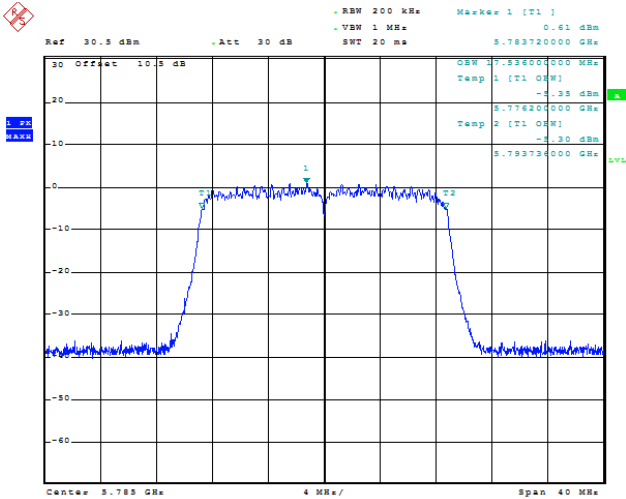
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Date: 18.DEC.2023 23:15:55

n20_5745MHz_Chain 0 17.504 MHz



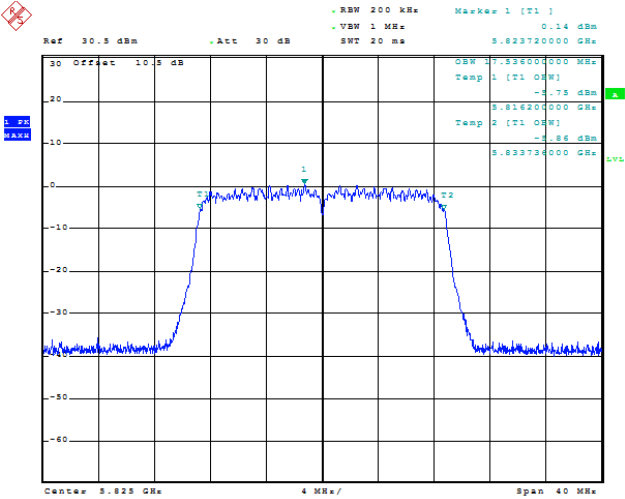
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:18:44

n20_5785MHz_Chain 0 17.536 MHz



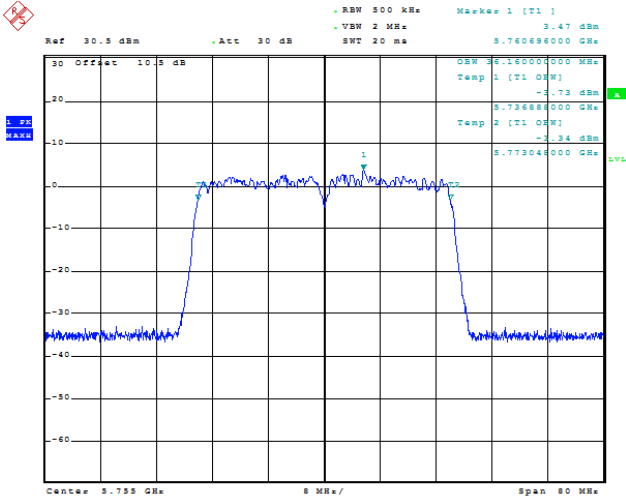
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:20:07

n20_5825MHz_Chain 0 17.536 MHz



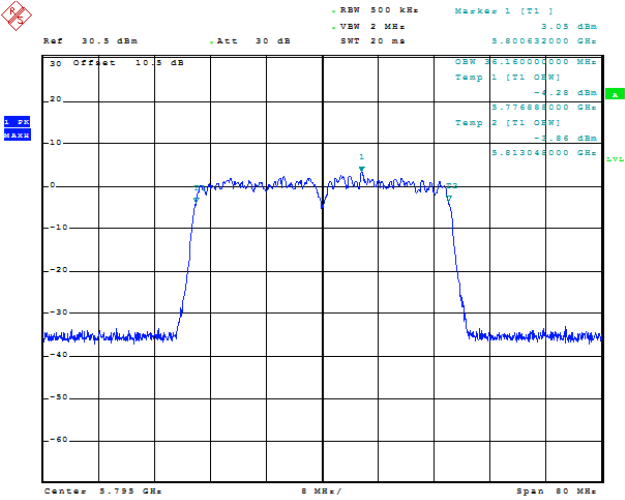
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:21:38

n40_5755MHz_Chain 0 36.160 MHz



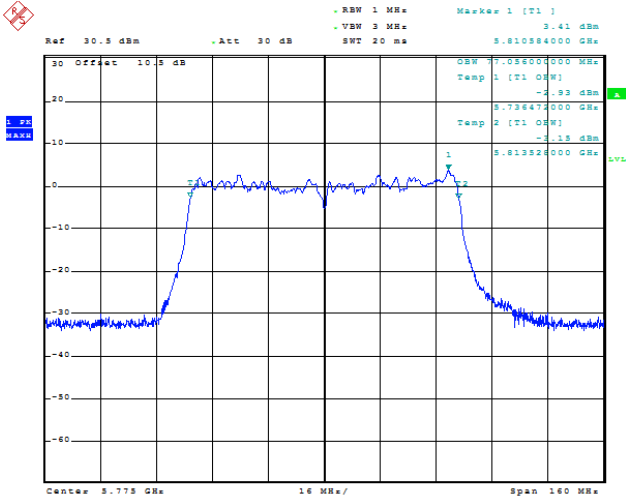
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Date: 18.DEC.2023 23:23:38

n40_5795MHz_Chain 0 36.160 MHz



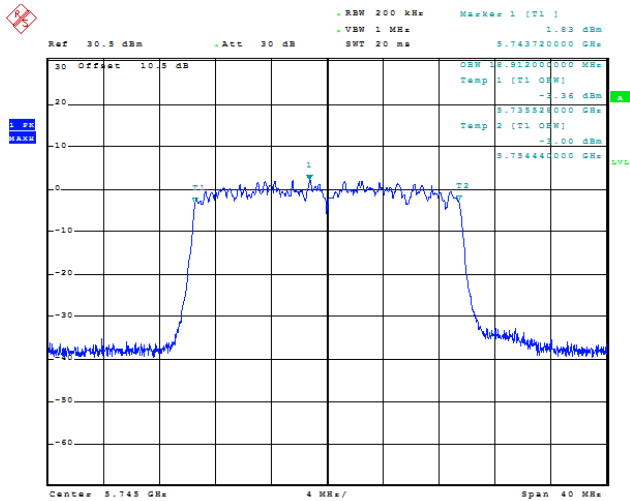
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:24:48

ac80_5775MHz_Chain 0 77.056 MHz



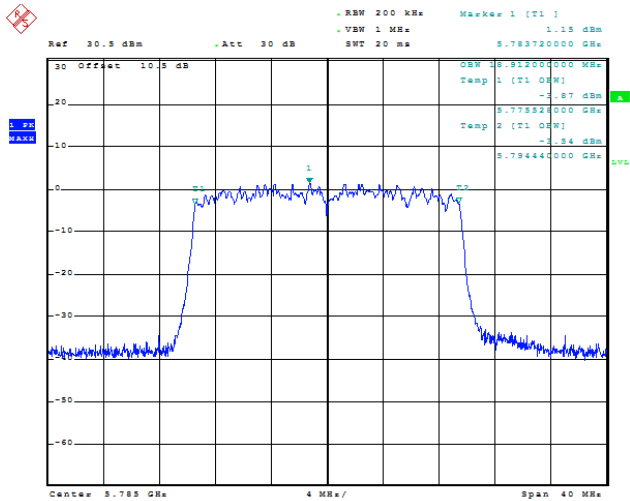
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Date: 18.DEC.2023 23:26:50

ax20_5745MHz_Chain 0 18.912 MHz



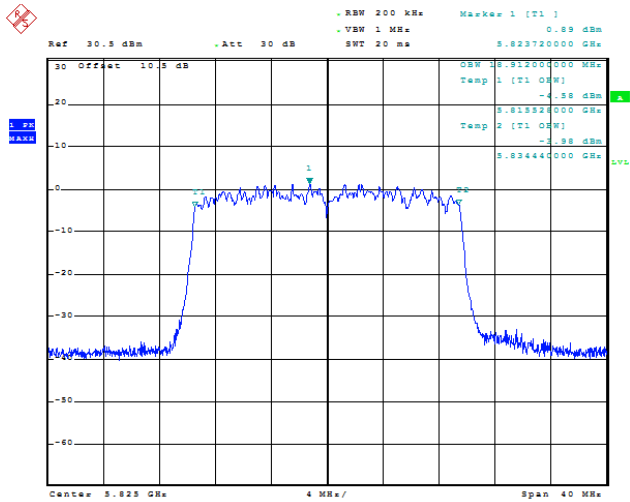
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Date: 18.DEC.2023 23:29:08

ax20_5785MHz_Chain 0 18.912 MHz



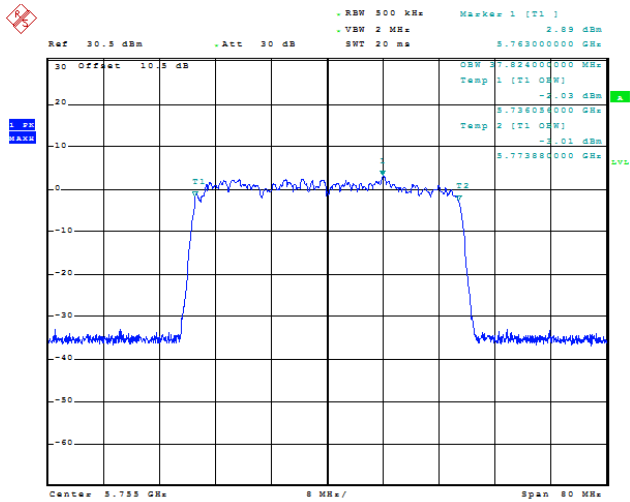
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Date: 18.DEC.2023 23:30:25

ax20_5825MHz_Chain 0 18.912 MHz



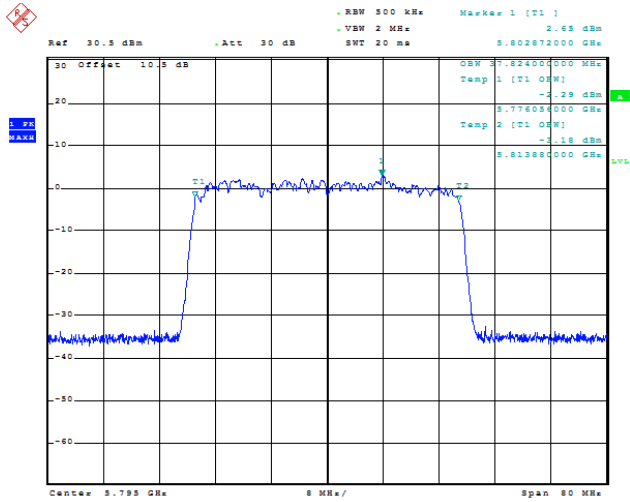
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:31:48

ax40_5755MHz_Chain 0 37.824 MHz



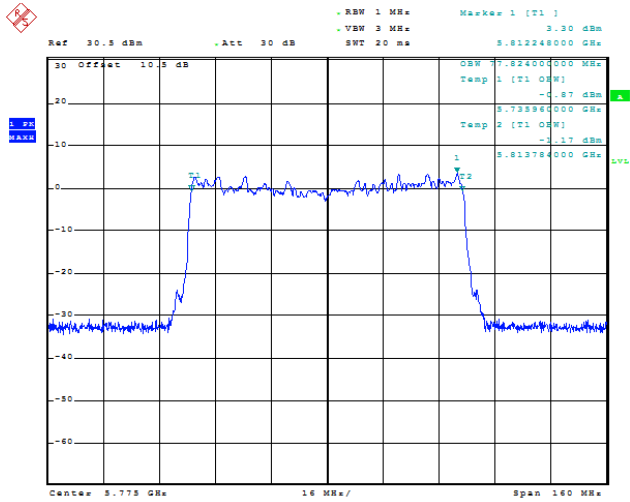
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:33:22

ax40_5795MHz_Chain 0 37.824 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:34:52

ax80_5775MHz_Chain 0 77.824 MHz



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:36:16

Maximum Conducted Output Power

Test Data:

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		Chain 0	Chain 1	Total	Limit
802.11a	5180	11.31	10.83	/	24
	5200	11.07	10.57	/	24
	5240	11.01	10.28	/	24
802.11n ht20	5180	11.65	10.83	14.27	24
	5200	11.38	10.56	14.00	24
	5240	10.91	10.31	13.63	24
802.11n ht40	5190	11.76	11.01	14.41	24
	5230	11.45	10.73	14.12	24
802.11ac vht80	5210	12.05	11.55	14.82	24
802.11ax hew20	5180	12.18	11.26	14.75	24
	5200	12.03	11.14	14.62	24
	5240	11.67	10.89	14.31	24
802.11ax hew40	5190	12.18	11.45	14.84	24
	5230	11.92	11.15	14.56	24
802.11ax hew80	5210	12.06	11.58	14.84	24

Note:

The device is a client device.

The duty cycle factor has been calculated into the test data.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$, so directional gain is 2.72 dBi.

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		Chain 0	Chain 1	Total	Limit
802.11a	5745	12.11	11.31	/	30
	5785	11.52	11.01	/	30
	5825	11.61	10.94	/	30
802.11n ht20	5745	11.98	11.23	14.63	30
	5785	11.69	11.03	14.38	30
	5825	11.67	11.36	14.53	30
802.11n ht40	5755	12.28	11.76	15.04	30
	5795	12.26	11.47	14.89	30
802.11ac vht80	5775	12.61	11.81	15.24	30
802.11ax hew20	5745	12.58	11.85	15.24	30
	5785	12.47	11.79	15.15	30
	5825	12.31	11.54	14.95	30
802.11ax hew40	5755	12.84	12.02	15.46	30
	5795	12.65	11.81	15.26	30
802.11ax hew80	5775	12.55	11.76	15.18	30

Note: The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices: Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$, so directional gain is 3.11 dBi.

Power Spectral Density

5.2G

Mode	Value (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
a_5180MHz_Chain 0	-1.50	0.37	-1.13	11.00	Pass
a_5180MHz_Chain 1	-1.76	0.37	-1.39	11.00	Pass
a_5200MHz_Chain 0	-1.80	0.37	-1.43	11.00	Pass
a_5200MHz_Chain 1	-1.78	0.37	-1.41	11.00	Pass
a_5240MHz_Chain 0	-2.02	0.37	-1.65	11.00	Pass
a_5240MHz_Chain 1	-1.88	0.37	-1.51	11.00	Pass
n20_5180MHz_Chain 0	-7.49	0.71	-6.78	11.00	Pass
n20_5180MHz_Chain 1	-9.80	0.71	-9.09	11.00	Pass
n20_5180MHz_Chain 0+Chain 1	-5.48	0.71	-4.77	11.00	Pass
n20_5200MHz_Chain 0	-9.21	0.71	-8.50	11.00	Pass
n20_5200MHz_Chain 1	-11.00	0.71	-10.29	11.00	Pass
n20_5200MHz_Chain 0+Chain 1	-7.00	0.71	-6.29	11.00	Pass
n20_5240MHz_Chain 0	-8.41	0.71	-7.70	11.00	Pass
n20_5240MHz_Chain 1	-11.16	0.71	-10.45	11.00	Pass
n20_5240MHz_Chain 0+Chain 1	-6.56	0.71	-5.85	11.00	Pass
n40_5190MHz_Chain 0	-13.02	1.24	-11.78	11.00	Pass
n40_5190MHz_Chain 1	-15.79	1.24	-14.55	11.00	Pass
n40_5190MHz_Chain 0+Chain 1	-11.18	1.24	-9.94	11.00	Pass
n40_5230MHz_Chain 0	-12.55	1.24	-11.31	11.00	Pass
n40_5230MHz_Chain 1	-14.67	1.24	-13.43	11.00	Pass
n40_5230MHz_Chain 0+Chain 1	-10.47	1.24	-9.23	11.00	Pass
ac80_5210MHz_Chain 0	-15.58	4.8	-10.78	11.00	Pass
ac80_5210MHz_Chain 1	-17.48	4.8	-12.68	11.00	Pass
ac80_5210MHz_Chain 0+Chain 1	-13.42	4.8	-8.62	11.00	Pass
ax20_5180MHz_Chain 0	-8.24	3.01	-5.23	11.00	Pass
ax20_5180MHz_Chain 1	-9.07	3.01	-6.06	11.00	Pass
ax20_5200MHz_Chain 0	-8.48	3.01	-5.47	11.00	Pass
ax20_5200MHz_Chain 1	-9.30	3.01	-6.29	11.00	Pass
ax20_5240MHz_Chain 0	-9.29	3.01	-6.28	11.00	Pass
ax20_5240MHz_Chain 1	-9.94	3.01	-6.93	11.00	Pass
ax20_5180MHz_Chain 0+Chain 1	-5.62	3.01	-2.61	11.00	Pass
ax20_5200MHz_Chain 0+Chain 1	-5.86	3.01	-2.85	11.00	Pass
ax20_5240MHz_Chain 0+Chain 1	-6.59	3.01	-3.58	11.00	Pass
ax40_5190MHz_Chain 0	-11.19	3.58	-7.61	11.00	Pass
ax40_5190MHz_Chain 1	-12.27	3.58	-8.69	11.00	Pass
ax40_5230MHz_Chain 0	-13.38	3.58	-9.80	11.00	Pass
ax40_5230MHz_Chain 1	-11.79	3.58	-8.21	11.00	Pass
ax40_5190MHz_Chain 0+Chain 1	-8.69	3.58	-5.11	11.00	Pass
ax40_5230MHz_Chain 0+Chain 1	-9.50	3.58	-5.92	11.00	Pass
ax80_5210MHz_Chain 0	-15.90	3.92	-11.98	11.00	Pass
ax80_5210MHz_Chain 1	-14.78	3.92	-10.86	11.00	Pass
ax80_5210MHz_Chain 0+Chain 1	-12.29	3.92	-8.37	11.00	Pass

Note:

The device is a client device.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911

D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain is $2.72+10*\log(2/1) = 5.72$ dBi.

Power Spectral Density

5.8G

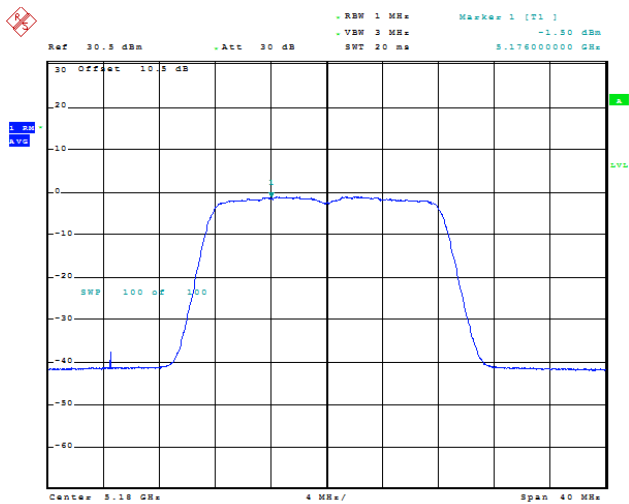
Mode	Value (dBm/500kHz)	Duty Cycle Factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
a_5745MHz_Chain 0	-4.63	0.37	-4.26	29.89	Pass
a_5745MHz_Chain 1	-6.01	0.37	-5.64	29.89	Pass
a_5785MHz_Chain 0	-5.01	0.37	-4.64	29.89	Pass
a_5785MHz_Chain 1	-5.97	0.37	-5.60	29.89	Pass
a_5825MHz_Chain 0	-5.38	0.37	-5.01	29.89	Pass
a_5825MHz_Chain 1	-6.19	0.37	-5.82	29.89	Pass
n20_5745MHz_Chain 0	-10.46	0.71	-9.75	29.89	Pass
n20_5745MHz_Chain 1	-9.97	0.71	-9.26	29.89	Pass
n20_5745MHz_Chain 0+Chain 1	-7.20	0.71	-6.49	29.89	Pass
n20_5785MHz_Chain 0	-11.54	0.71	-10.83	29.89	Pass
n20_5785MHz_Chain 1	-11.82	0.71	-11.11	29.89	Pass
n20_5785MHz_Chain 0+Chain 1	-8.67	0.71	-7.96	29.89	Pass
n20_5825MHz_Chain 0	-9.63	0.71	-8.92	29.89	Pass
n20_5825MHz_Chain 1	-11.61	0.71	-10.90	29.89	Pass
n20_5825MHz_Chain 0+Chain 1	-7.50	0.71	-6.79	29.89	Pass
n40_5755MHz_Chain 0	-14.83	1.24	-13.59	29.89	Pass
n40_5755MHz_Chain 1	-15.84	1.24	-14.60	29.89	Pass
n40_5755MHz_Chain 0+Chain 1	-12.30	1.24	-11.06	29.89	Pass
n40_5795MHz_Chain 0	-15.98	1.24	-14.74	29.89	Pass
n40_5795MHz_Chain 1	-16.41	1.24	-15.17	29.89	Pass
n40_5795MHz_Chain 0+Chain 1	-13.18	1.24	-11.94	29.89	Pass
ac80_5775MHz_Chain 0	-19.11	4.8	-14.31	29.89	Pass
ac80_5775MHz_Chain 1	-20.23	4.8	-15.43	29.89	Pass
ac80_5775MHz_Chain 0+Chain 1	-16.62	4.8	-11.82	29.89	Pass
ax20_5745MHz_Chain 0	-10.53	3.01	-7.52	29.89	Pass
ax20_5745MHz_Chain 1	-12.79	3.01	-9.78	29.89	Pass
ax20_5785MHz_Chain 0	-10.85	3.01	-7.84	29.89	Pass
ax20_5785MHz_Chain 1	-12.14	3.01	-9.13	29.89	Pass
ax20_5825MHz_Chain 0	-11.59	3.01	-8.58	29.89	Pass
ax20_5825MHz_Chain 1	-12.13	3.01	-9.12	29.89	Pass
ax20_5745MHz_Chain 0+Chain 1	-8.50	3.01	-5.49	29.89	Pass
ax20_5785MHz_Chain 0+Chain 1	-8.44	3.01	-5.43	29.89	Pass
ax20_5825MHz_Chain 0+Chain 1	-8.84	3.01	-5.83	29.89	Pass
ax40_5755MHz_Chain 0	-13.02	3.58	-9.44	29.89	Pass
ax40_5755MHz_Chain 1	-14.99	3.58	-11.41	29.89	Pass
ax40_5795MHz_Chain 0	-15.31	3.58	-11.73	29.89	Pass
ax40_5795MHz_Chain 1	-15.05	3.58	-11.47	29.89	Pass
ax40_5755MHz_Chain 0+Chain 1	-10.88	3.58	-7.30	29.89	Pass
ax40_5795MHz_Chain 0+Chain 1	-12.17	3.58	-8.59	29.89	Pass
ax80_5775MHz_Chain 0	-18.14	3.92	-14.22	29.89	Pass
ax80_5775MHz_Chain 1	-19.04	3.92	-15.12	29.89	Pass
ax80_5775MHz_Chain 0+Chain 1	-15.56	3.92	-11.64	29.89	Pass

Note:

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:
 Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain is $3.11+10*\log(2/1) = 6.11$ dBi.

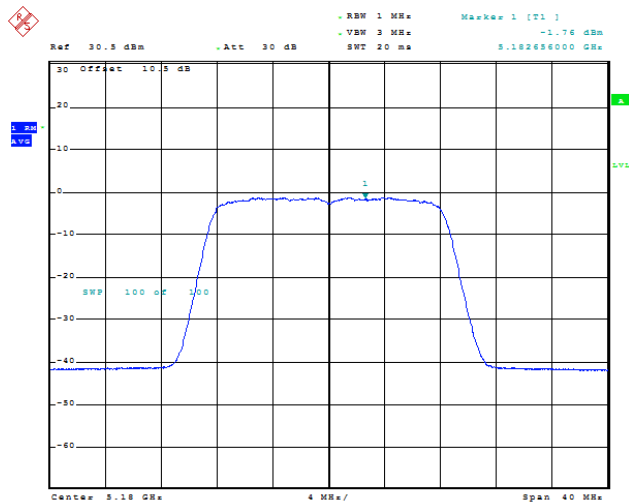
5.2G

a_5180MHz_Chain 0 -1.50 dBm



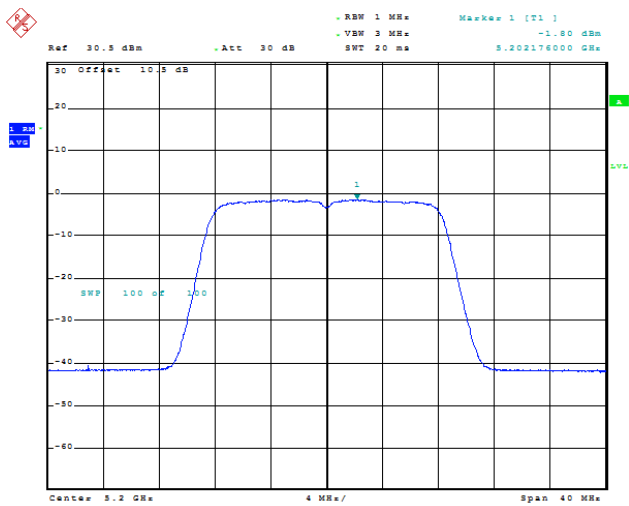
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Date: 19.DEC.2023 14:05:51

a_5180MHz_Chain 1 -1.76 dBm



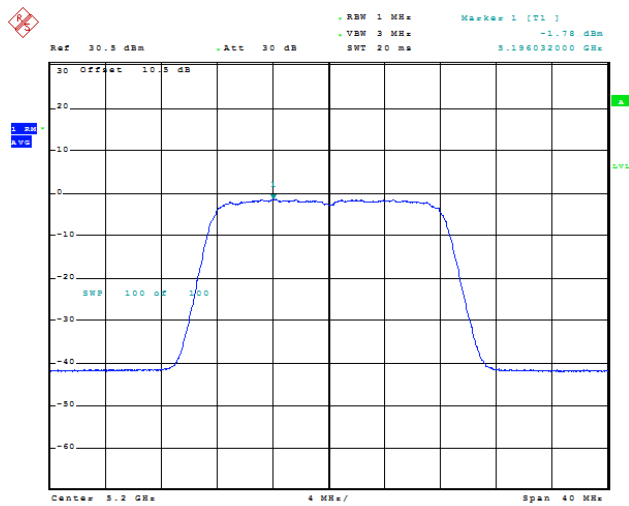
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 10:42:19

a_5200MHz_Chain 0 -1.80 dBm



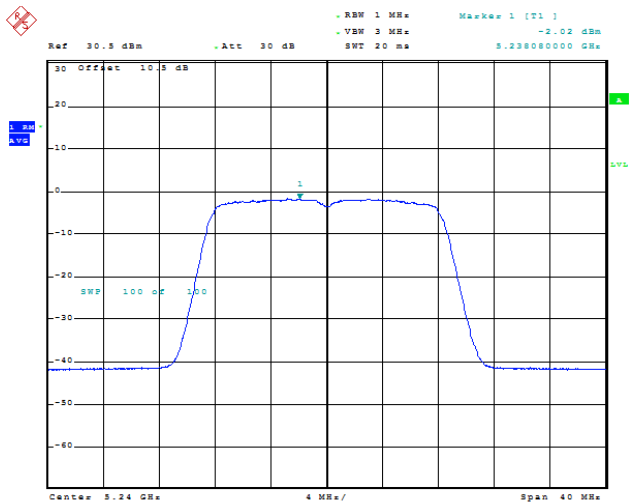
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Date: 19.DEC.2023 14:06:47

a_5200MHz_Chain 1 -1.78 dBm



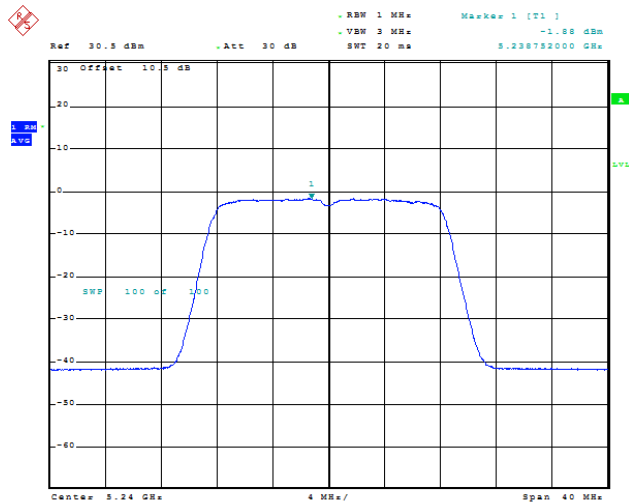
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Date: 19.DEC.2023 10:43:24

a_5240MHz_Chain 0 -2.02 dBm



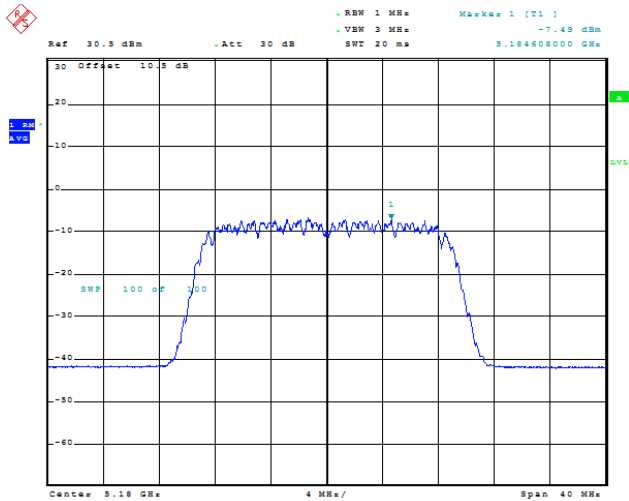
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Date: 19.DEC.2023 14:07:45

a_5240MHz_Chain 1 -1.88 dBm



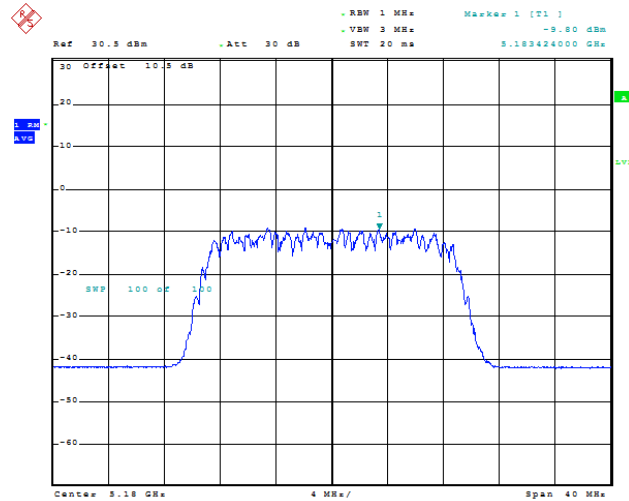
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Date: 19.DEC.2023 10:44:26

n20_5180MHz_Chain 0 -7.49 dBm



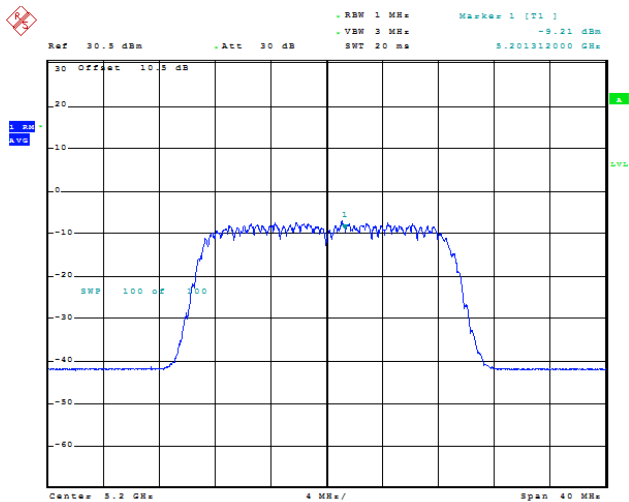
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n20_5180MHz_Chain 1 -9.80 dBm



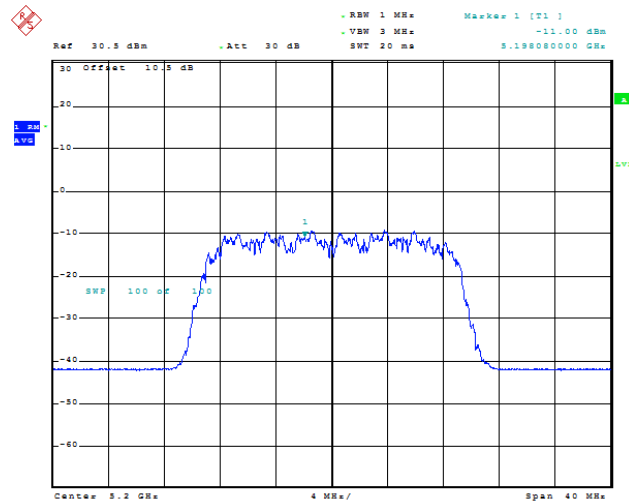
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n20_5200MHz_Chain 0 -9.21 dBm



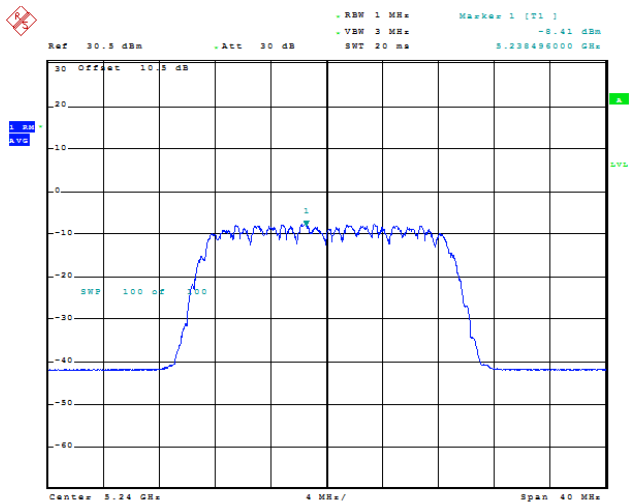
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Date: 19.DEC.2023 14:10:01

n20_5200MHz_Chain 1 -11.00 dBm



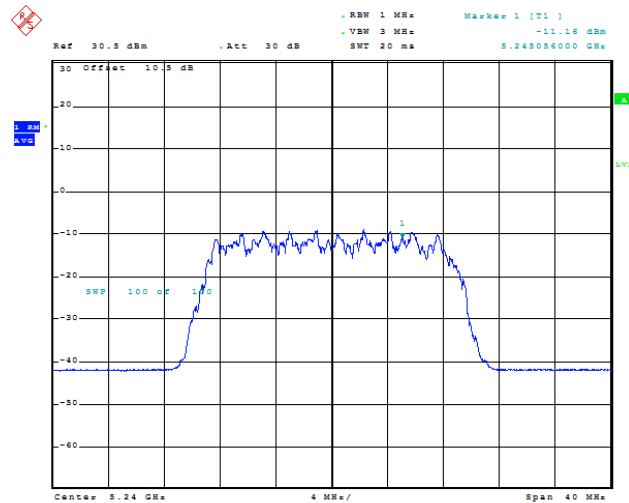
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Date: 19.DEC.2023 10:56:14

n20_5240MHz_Chain 0 -8.41 dBm



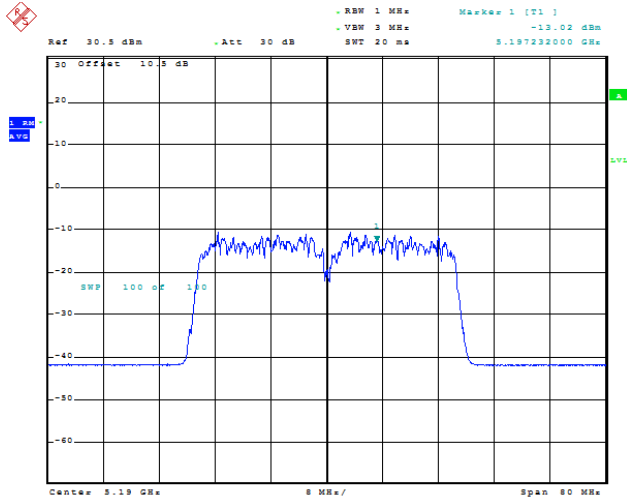
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:10:45

n20_5240MHz_Chain 1 -11.16 dBm



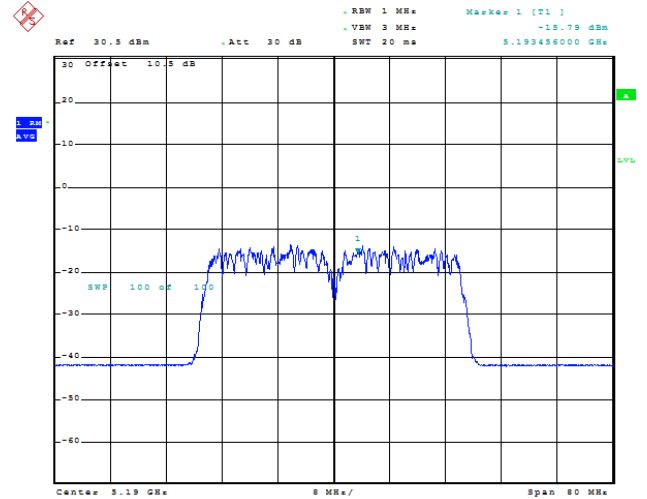
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:02:02

n40_5190MHz_Chain 0 -13.02 dBm



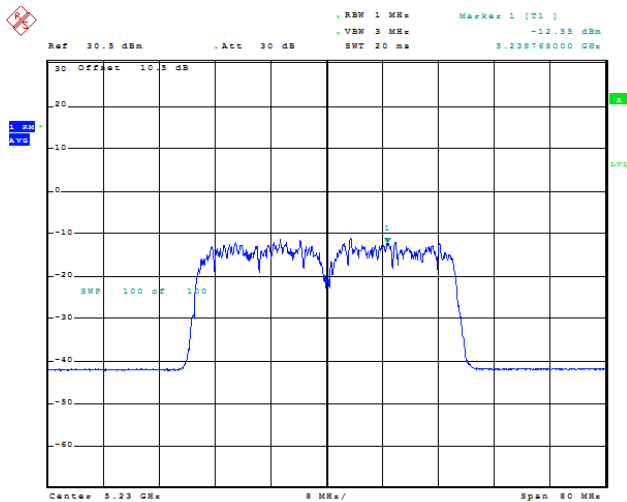
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Date: 19.DEC.2023 14:11:49

n40_5190MHz_Chain 1 -15.79 dBm



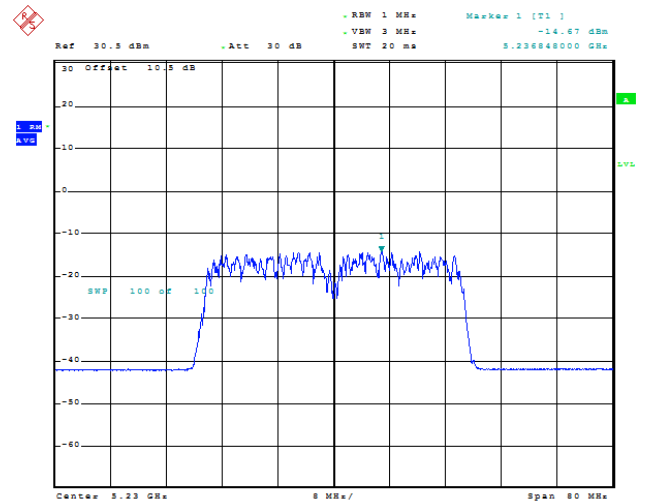
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Date: 19.DEC.2023 11:08:30

n40_5230MHz_Chain 0 -12.55 dBm



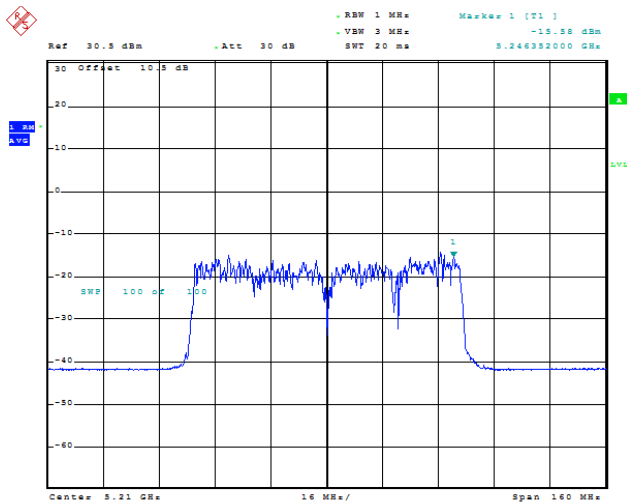
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Date: 19.DEC.2023 14:12:35

n40_5230MHz_Chain 1 -14.67 dBm



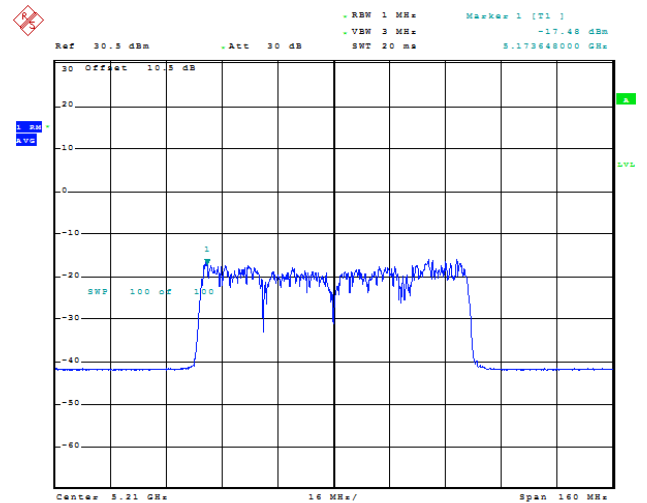
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Date: 19.DEC.2023 11:05:32

ac80_5210MHz_Chain 0 -15.58 dBm



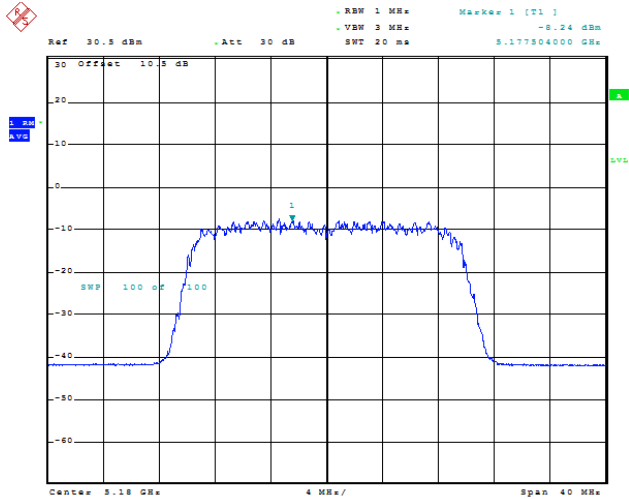
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Date: 19.DEC.2023 14:13:45

ac80_5210MHz_Chain 1 -17.48 dBm



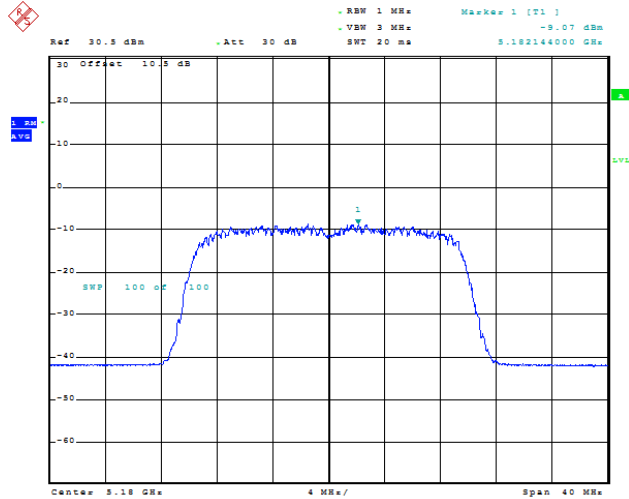
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Date: 19.DEC.2023 11:10:19

ax20_5180MHz_Chain 0 -8.24 dBm



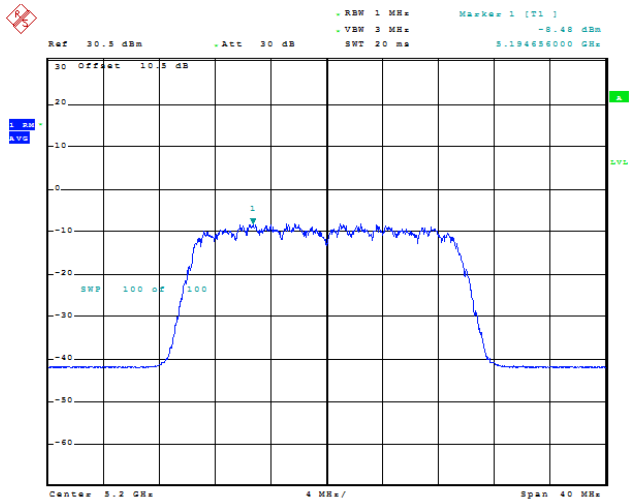
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:14:36

ax20_5180MHz_Chain 1 -9.07 dBm



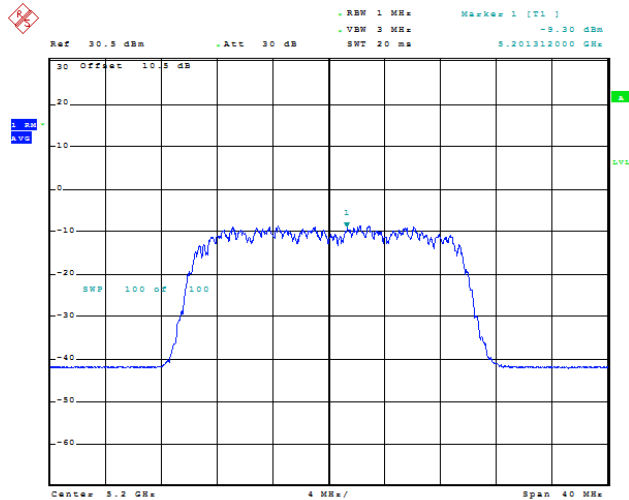
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:11:35

ax20_5200MHz_Chain 0 -8.48 dBm



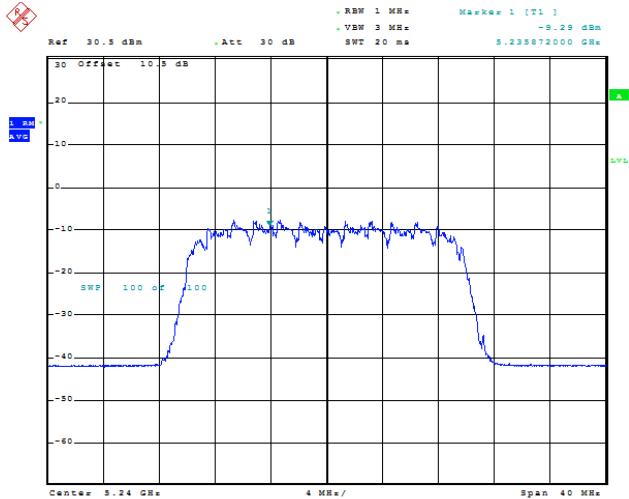
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:15:18

ax20_5200MHz_Chain 1 -9.30 dBm



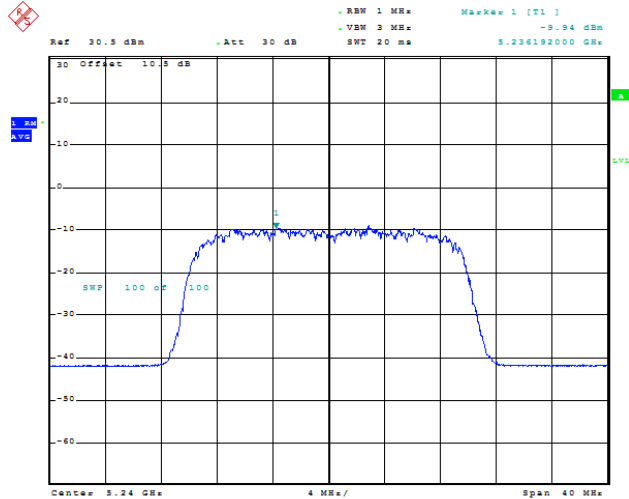
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:12:55

ax20_5240MHz_Chain 0 -9.29 dBm



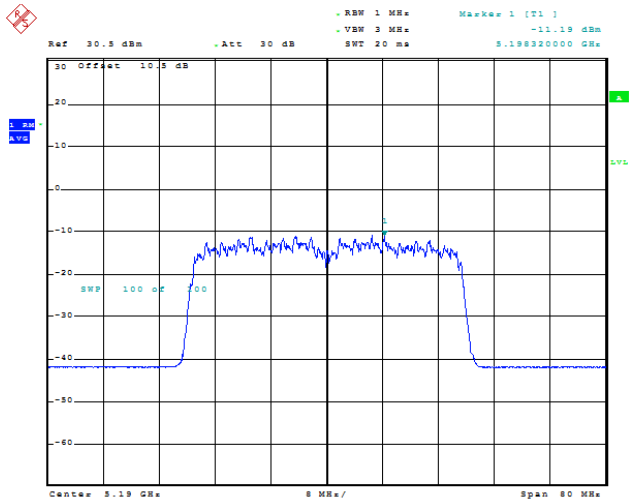
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:16:16

ax20_5240MHz_Chain 1 -9.94 dBm



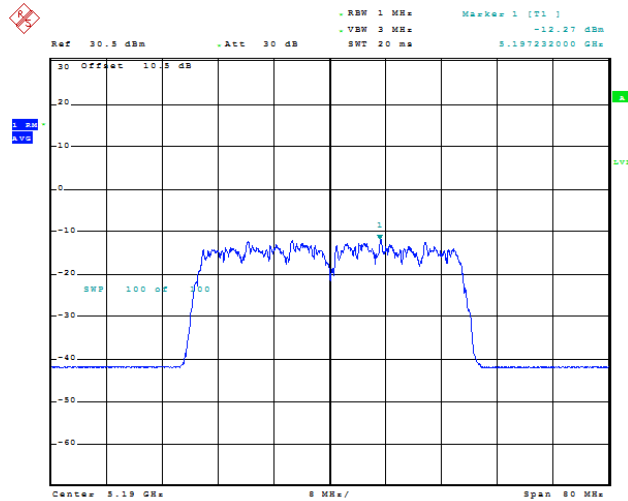
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:14:56

ax40_5190MHz_Chain 0 -11.19 dBm



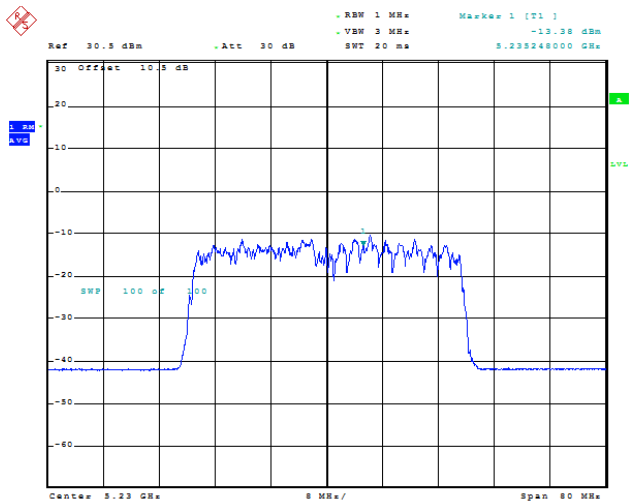
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:17:12

ax40_5190MHz_Chain 1 -12.27 dBm



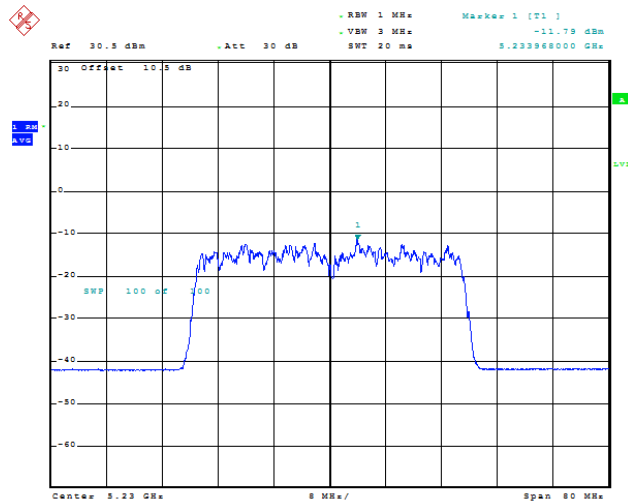
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:16:16

ax40_5230MHz_Chain 0 -13.38 dBm



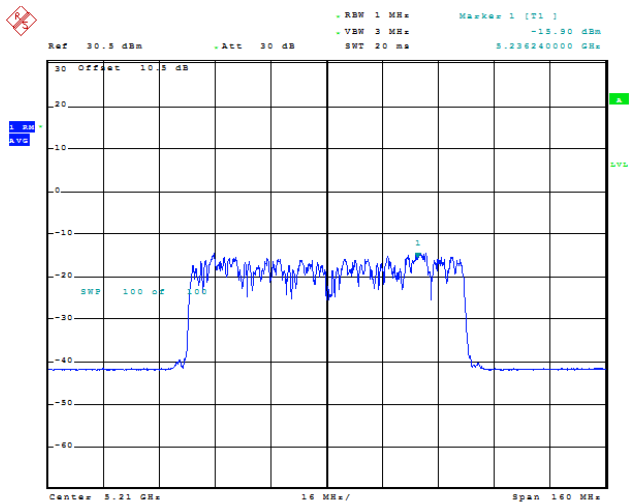
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:17:53

ax40_5230MHz_Chain 1 -11.79 dBm



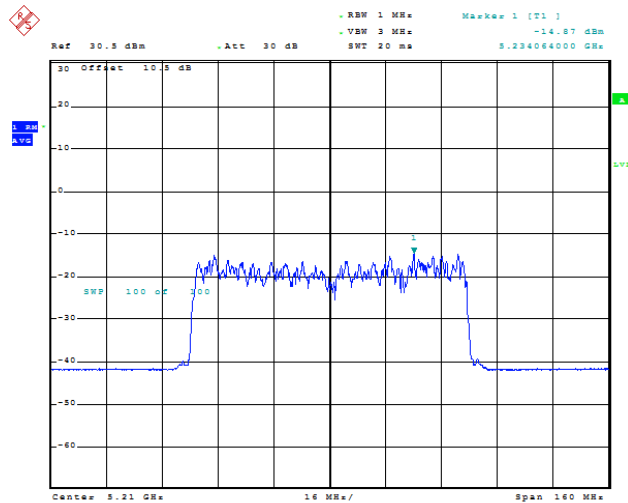
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:17:23

ax80_5210MHz_Chain 0 -15.90 dBm



Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:18:47

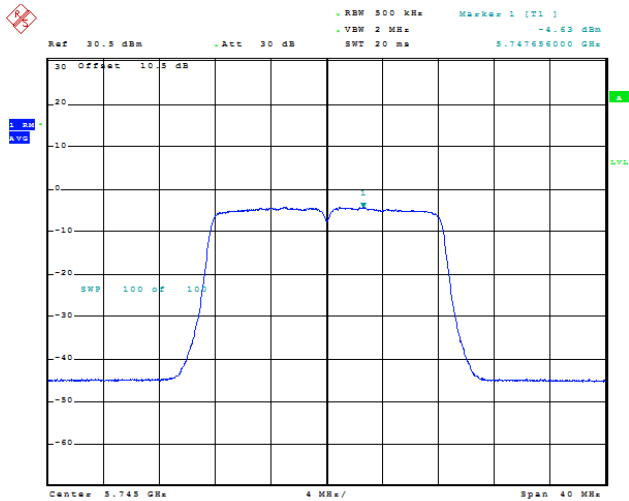
ax80_5210MHz_Chain 1 -14.87 dBm



Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:18:59

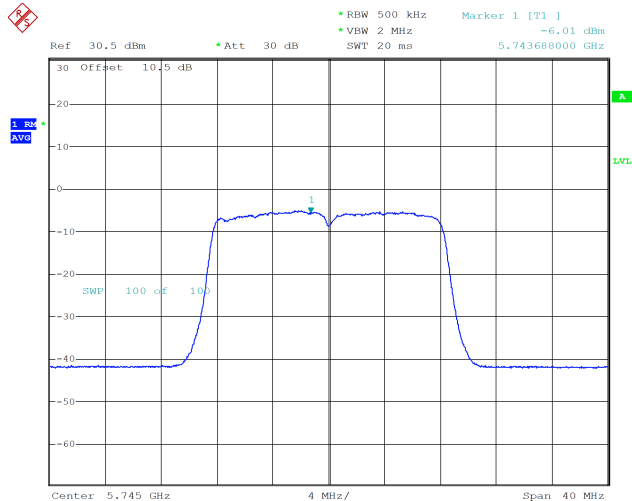
5.8G

a_5745MHz_Chain 0 -4.63 dBm



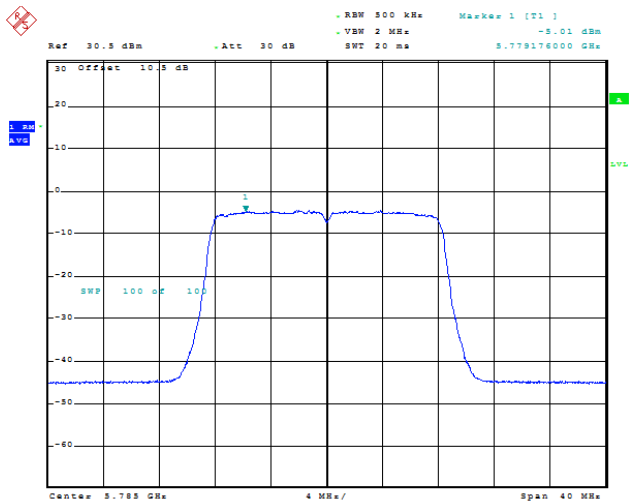
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:34:54

a_5745MHz_Chain 1 -6.01 dBm



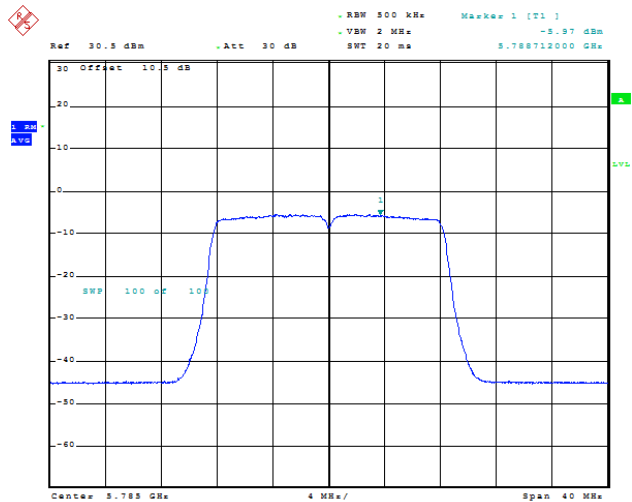
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 28.FEB.2024 10:01:28

a_5785MHz_Chain 0 -5.01 dBm



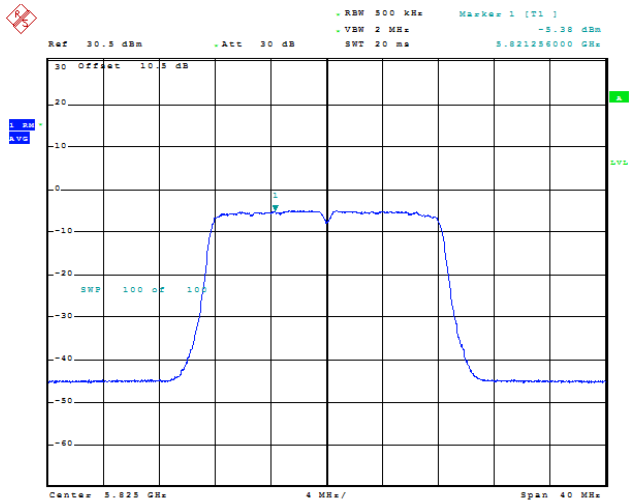
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:35:50

a_5785MHz_Chain 1 -5.97 dBm



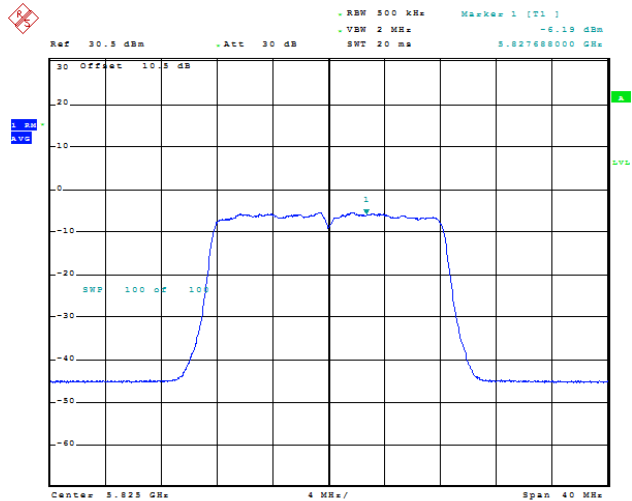
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:37:25

a_5825MHz_Chain 0 -5.38 dBm



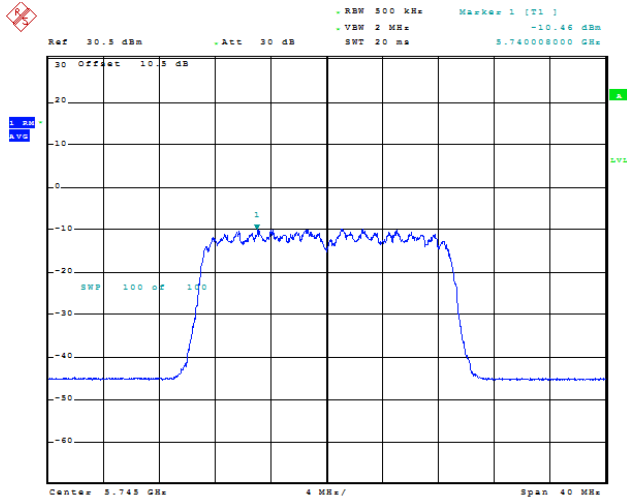
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:39:13

a_5825MHz_Chain 1 -6.19 dBm



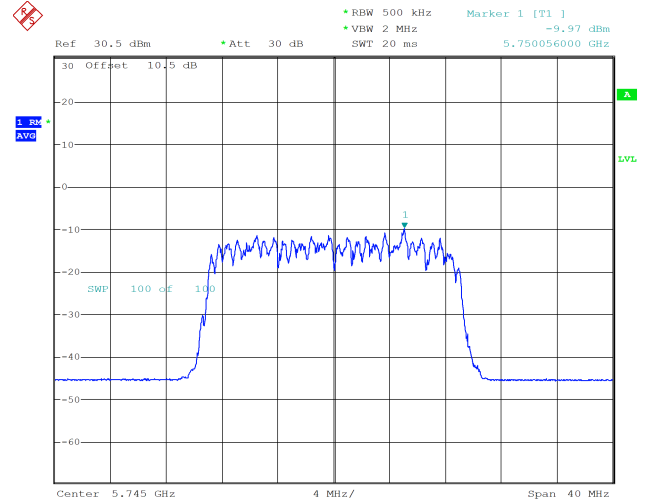
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:38:25

n20_5745MHz_Chain 0 -10.46 dBm



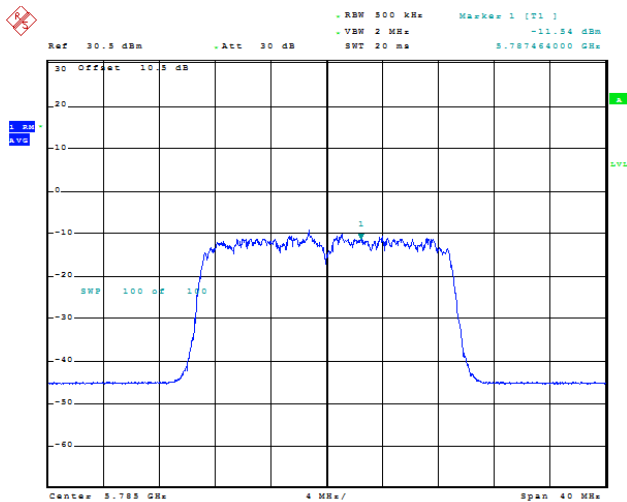
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:47:43

n20_5745MHz_Chain 1 -9.97 dBm



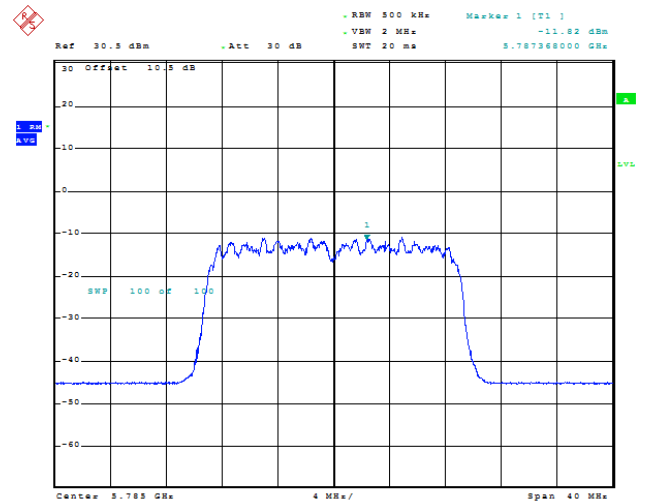
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 28.FEB.2024 10:13:30

n20_5785MHz_Chain 0 -11.54 dBm



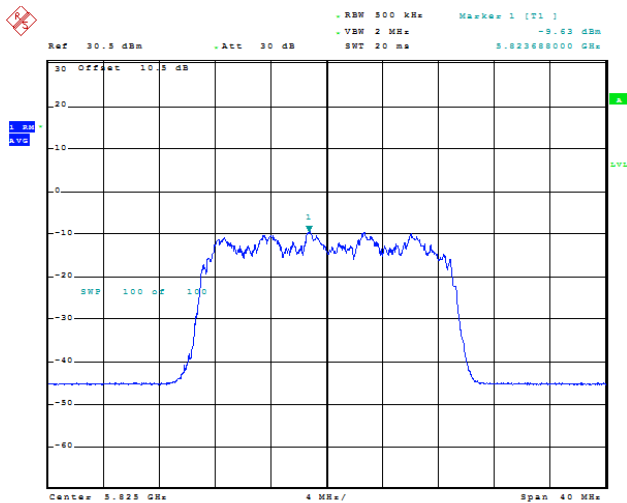
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:49:19

n20_5785MHz_Chain 1 -11.82 dBm



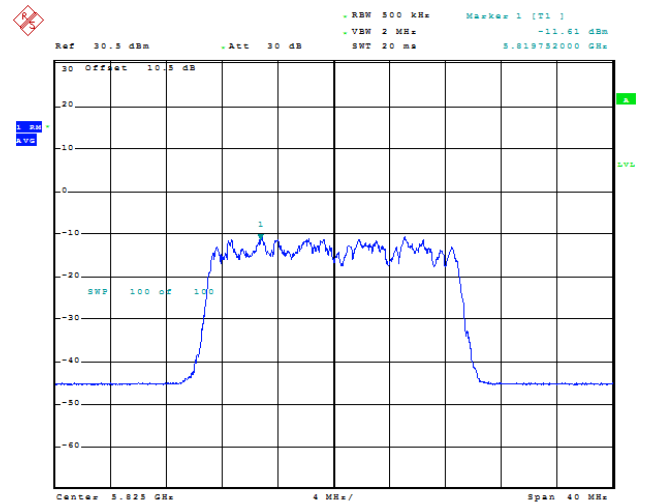
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:45:32

n20_5825MHz_Chain 0 -9.63 dBm



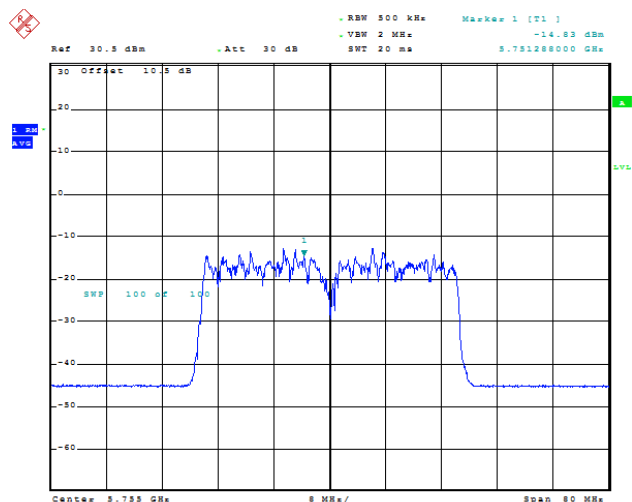
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:42:54

n20_5825MHz_Chain 1 -11.61 dBm



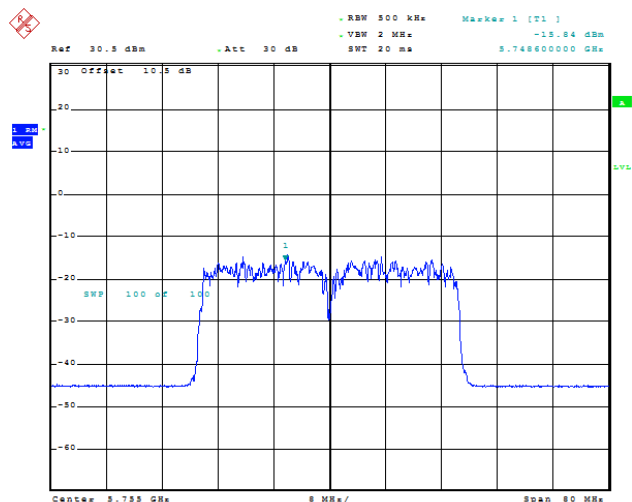
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:50:44

n40_5755MHz_Chain 0 -14.83 dBm



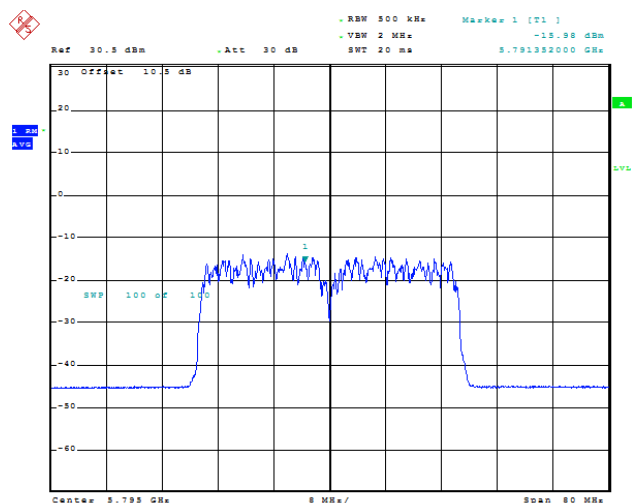
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:50:31

n40_5755MHz_Chain 1 -15.84 dBm



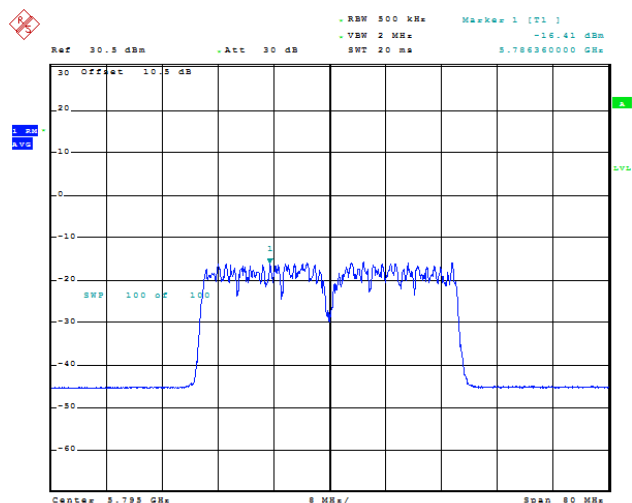
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 14:26:45

n40_5795MHz_Chain 0 -15.98 dBm



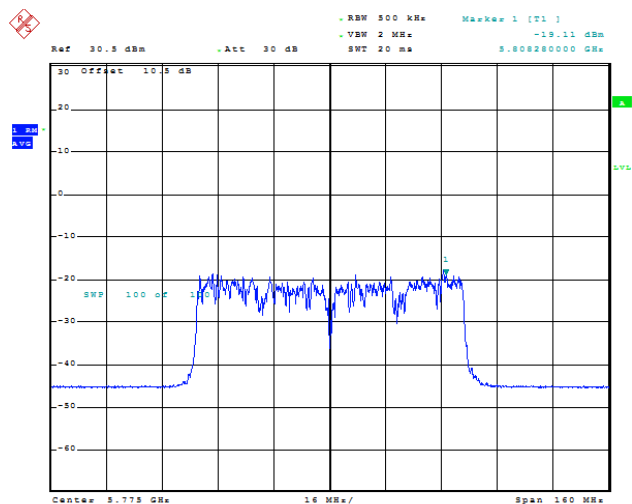
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:51:19

n40_5795MHz_Chain 1 -16.41 dBm



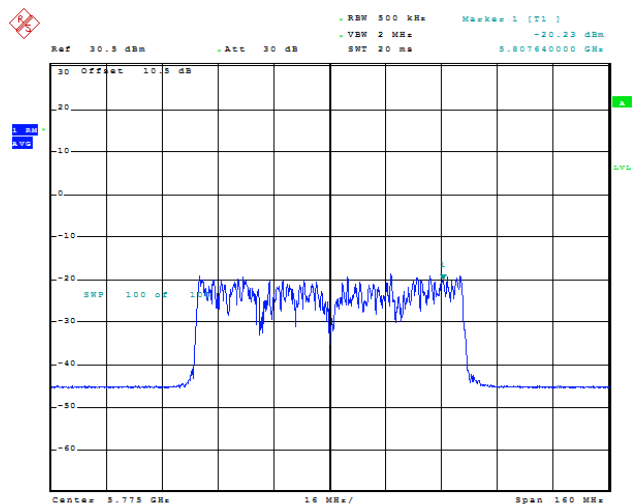
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:53:01

ac80_5775MHz_Chain 0 -19.11 dBm



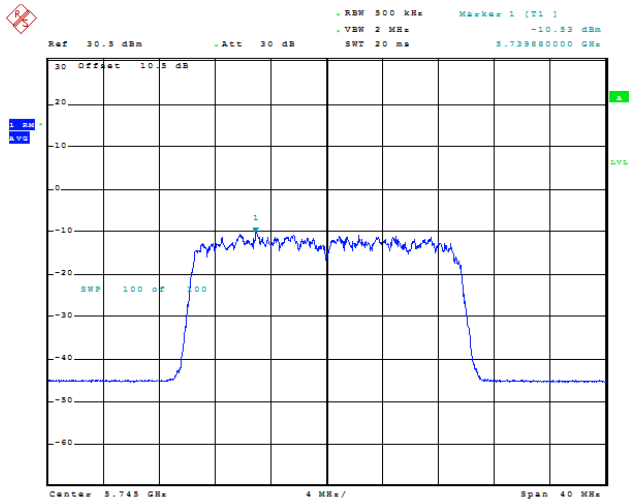
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:52:34

ac80_5775MHz_Chain 1 -20.23 dBm



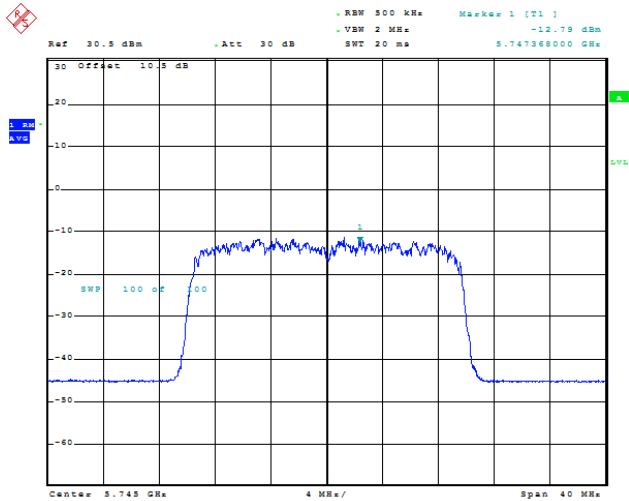
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:56:03

ax20_5745MHz_Chain 0 -10.53 dBm



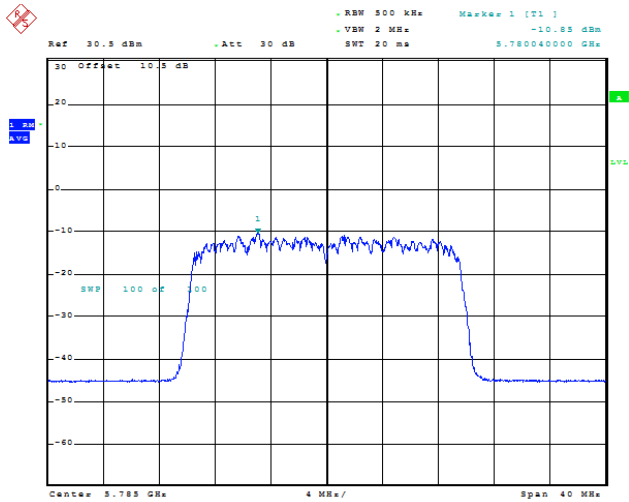
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:53:34

ax20_5745MHz_Chain 1 -12.79 dBm



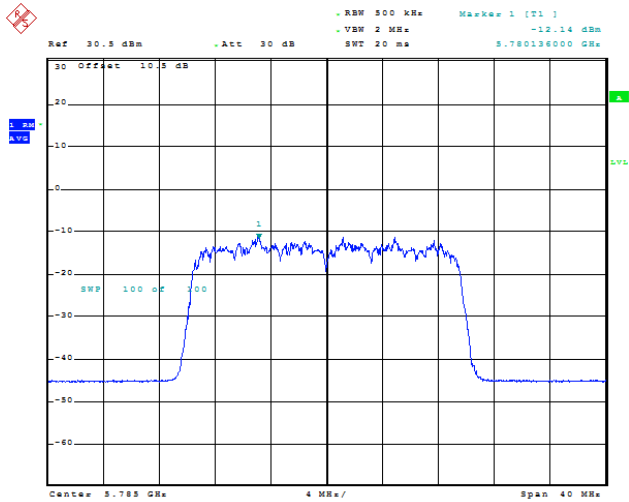
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 11:57:57

ax20_5785MHz_Chain 0 -10.85 dBm



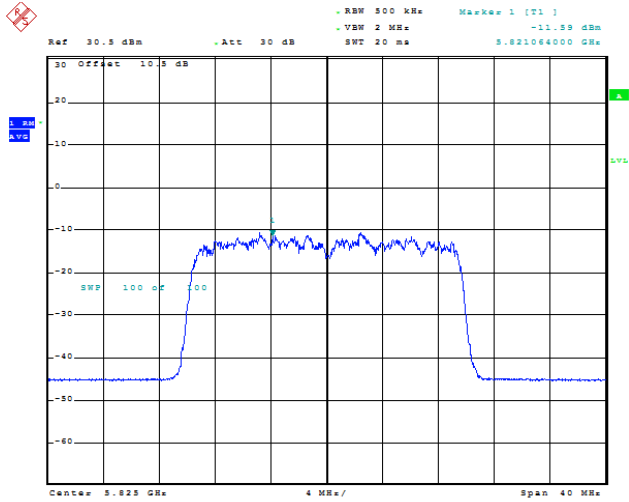
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:54:32

ax20_5785MHz_Chain 1 -12.14 dBm



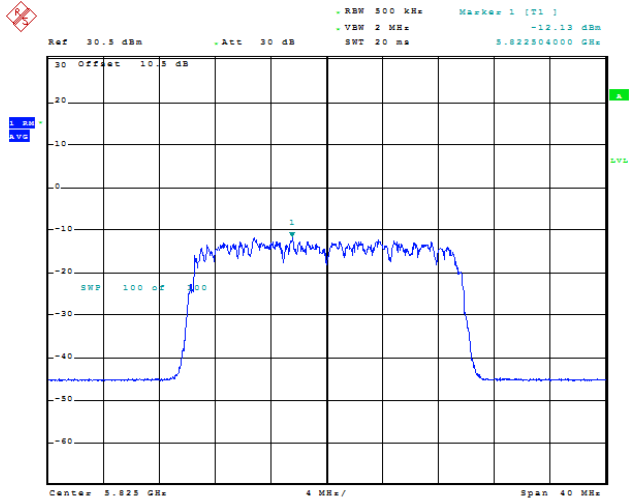
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:21:07

ax20_5825MHz_Chain 0 -11.59 dBm



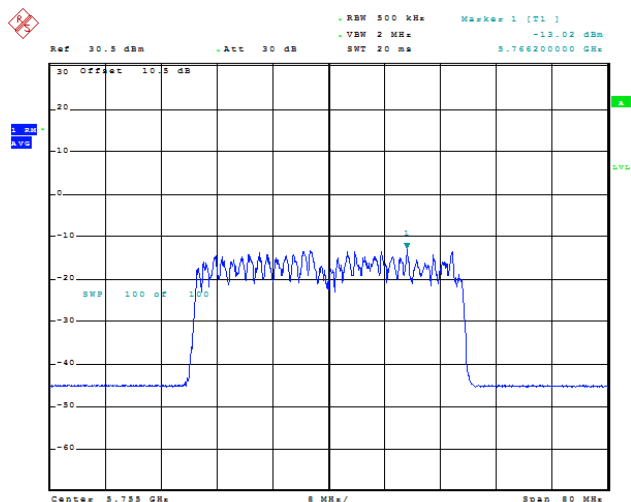
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:55:18

ax20_5825MHz_Chain 1 -12.13 dBm



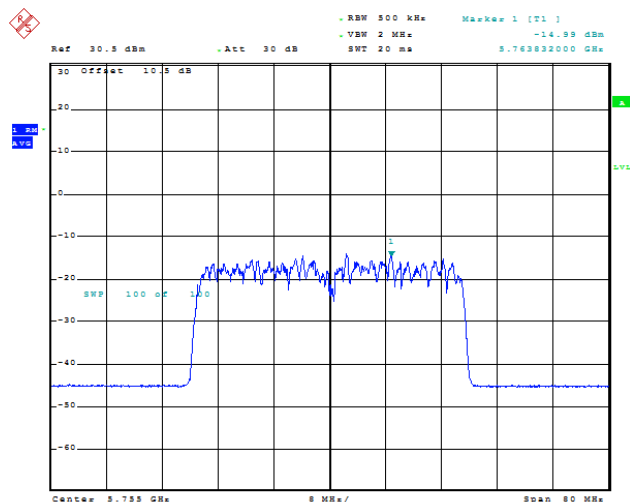
Comment: ProjectNo.:CR231168373-RF Tester:Lingling Li
Date: 19.DEC.2023 13:23:02

ax40_5755MHz_Chain 0 -13.02 dBm



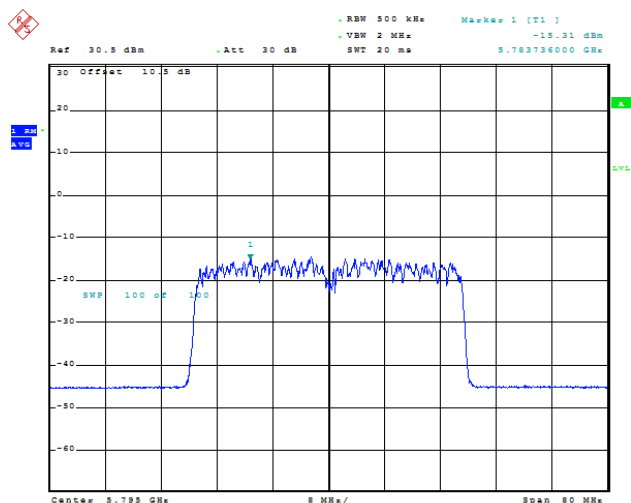
Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:56:18

ax40_5755MHz_Chain 1 -14.99 dBm



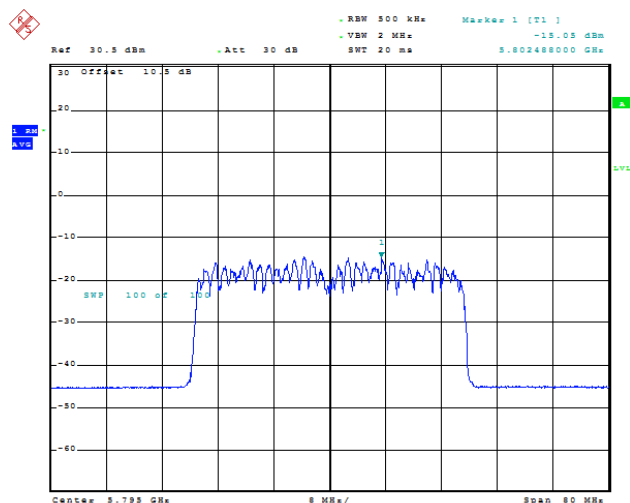
Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:27:45

ax40_5795MHz_Chain 0 -15.31 dBm



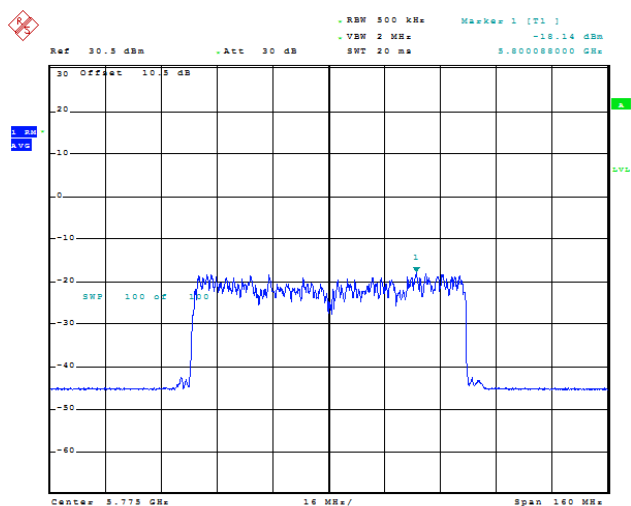
Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:57:06

ax40_5795MHz_Chain 1 -15.05 dBm



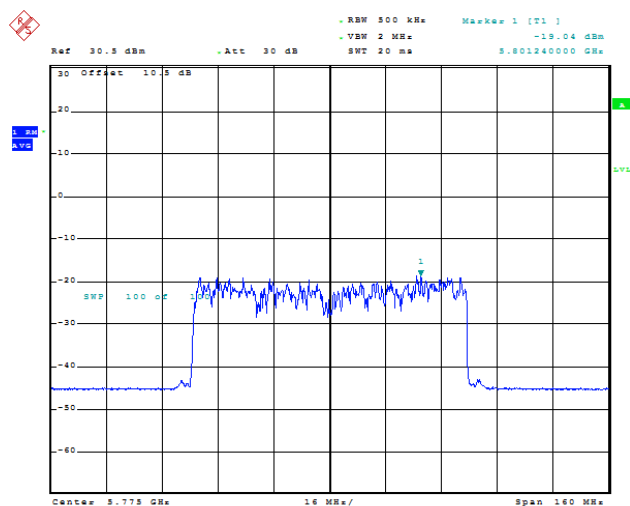
Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:28:46

ax80_5775MHz_Chain 0 -18.14 dBm



Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:58:10

ax80_5775MHz_Chain 1 -19.04 dBm



Comment: ProjectNo.:CR231168373-RF Testee:Lingling Li
Date: 19.DEC.2023 13:30:07

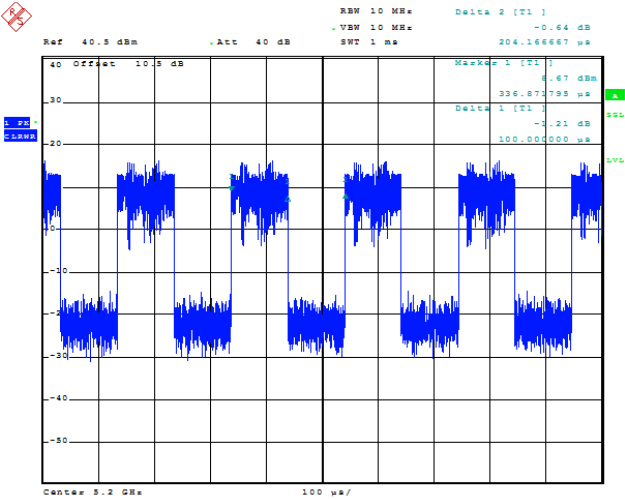
Duty Cycle

5.2G

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/Ton (Hz)	VBW Setting (kHz)
a_5200MHz_Chain 0	1.350	1.47	91.84	0.37	741	1
n20_5200MHz_Chain 0	0.595	0.70	85.00	0.71	1681	2
n40_5190MHz_Chain 0	0.308	0.41	75.12	1.24	3247	5
ac80_5210MHz_Chain 0	0.053	0.16	33.13	4.8	18868	20
ax20_5200MHz_Chain 0	0.100	0.20	50.00	3.01	10000	10
ax40_5190MHz_Chain 0	0.079	0.18	43.89	3.58	12658	20
ax80_5210MHz_Chain 0	0.069	0.17	40.59	3.92	14493	20

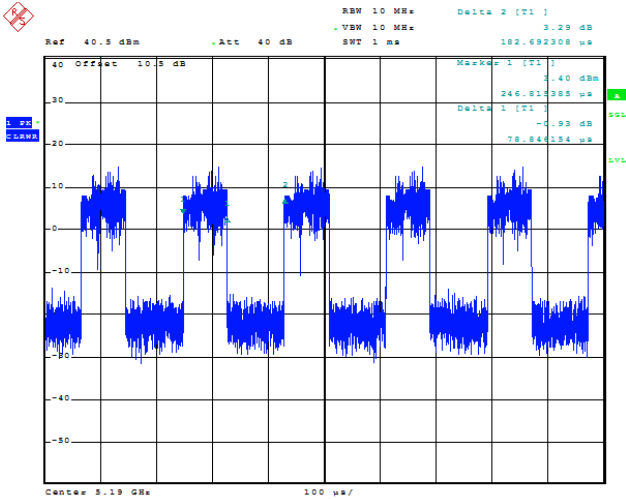
$$\text{Duty Cycle} = \text{Ton}/(\text{Ton}+\text{Toff})*100\%$$

ax20_5200MHz_Chain 0
48.980 ms,0.1ms



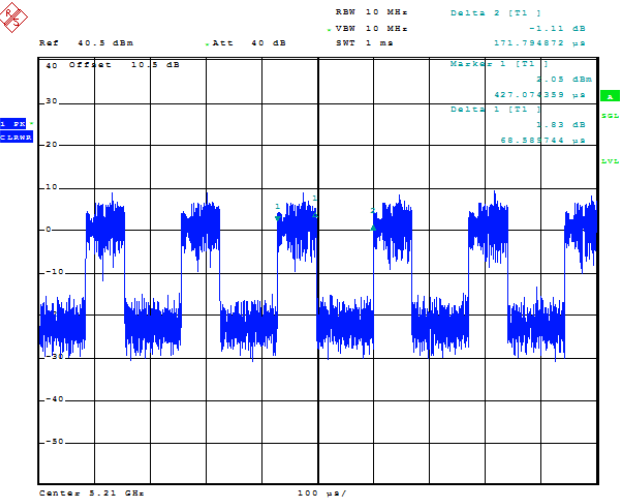
Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 22:56:07

ax40_5190MHz_Chain 0
43.158 ms,0.079ms



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:01:26

ax80_5210MHz_Chain 0
39.925 ms,0.069ms



Comment: ProjectNo.:CR231168373-RF Tester:Arthur Su
Date: 18.DEC.2023 23:06:04