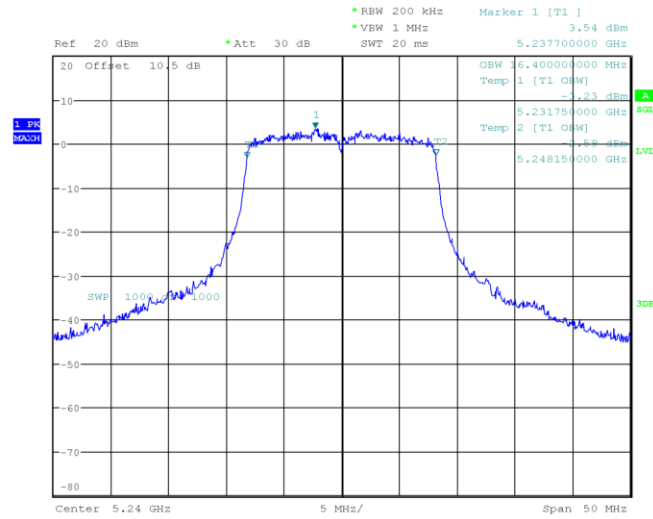
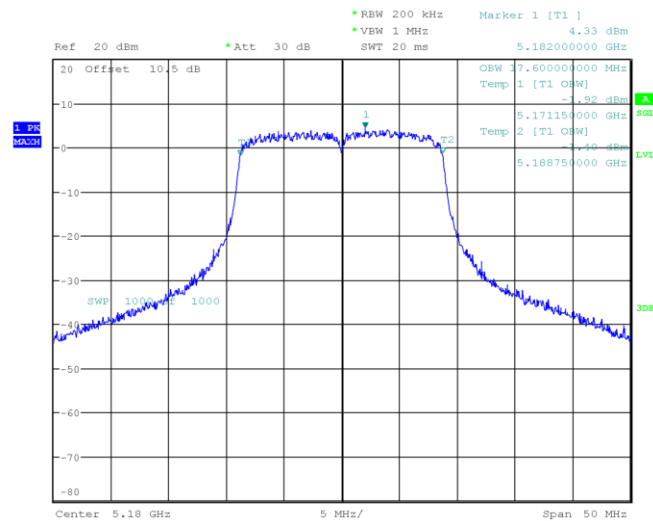


802.11a mode, 5240MHz



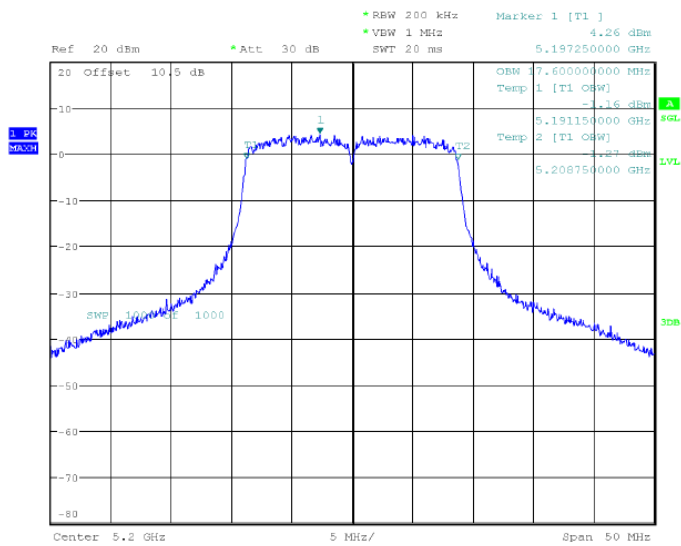
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:23:42

802.11n20 mode, 5180MHz



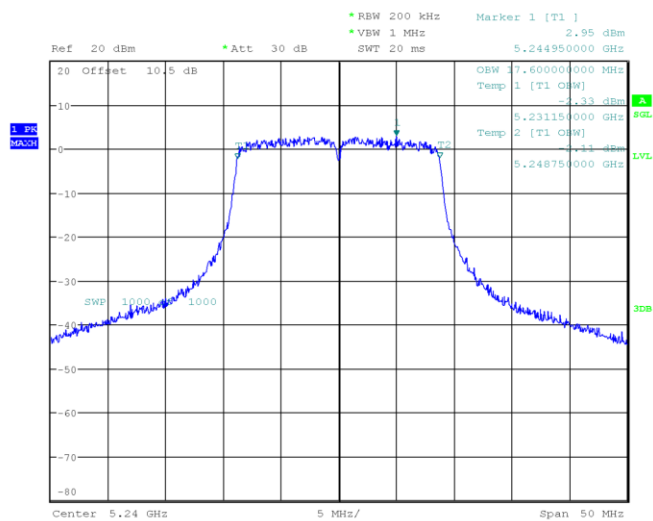
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:42:10

802.11n20 mode, 5200MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:47:03

802.11n20 mode, 5240MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:51:39

Ref 20 dBm *Att 30 dB SWT 20 ms 5.186400000 GHz

RBW 500 kHz 3.55 dBm
VBW 2 MHz

Marker 1 [T1] 5.171900000 GHz
Temp 1 [T1 CHW] -1.68 dBm
Temp 2 [T1 CHW] 5.208100000 GHz
Temp 3 [T1 CHW] -1.71 dBm

SWP 1000 5000

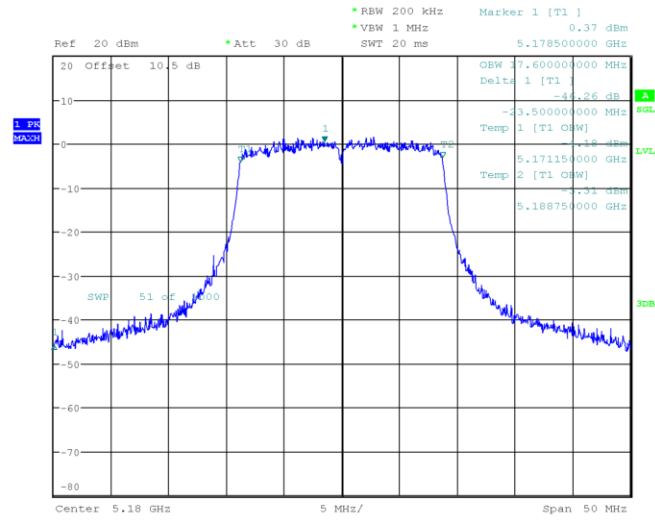
Center 5.19 GHz 10 MHz/ Span 100 MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:57:54

[illegible]

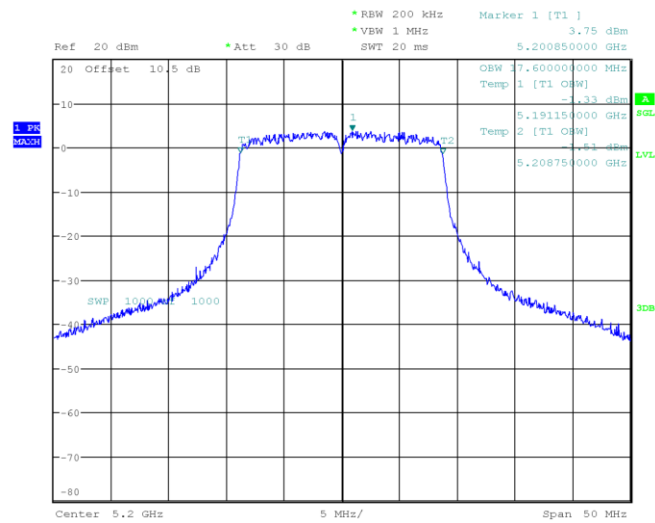
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:03:13

802.11ac20 mode, 5180MHz



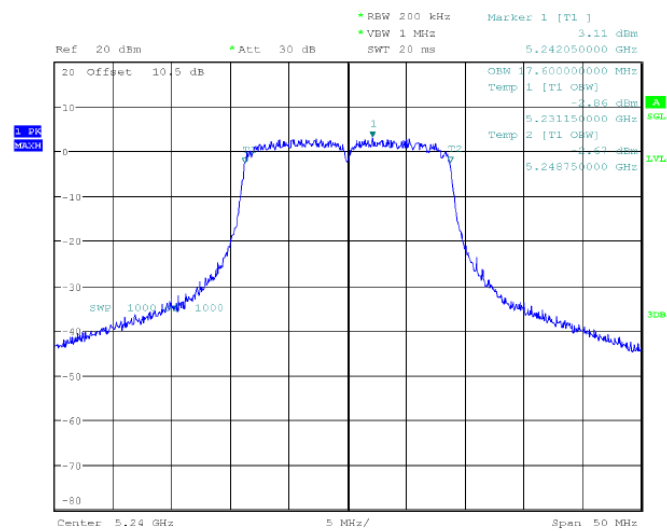
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:26:09

802.11ac20 mode, 5200MHz



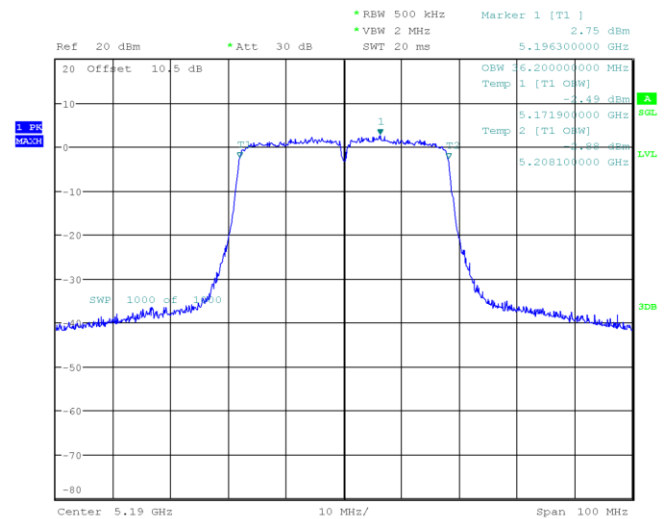
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:35:44

802.11ac20 mode, 5240MHz



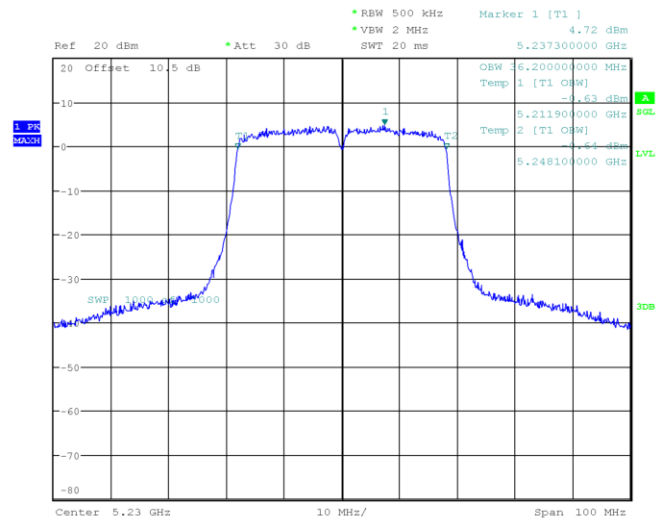
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:40:35

802.11 ac40 mode, 5190MHz



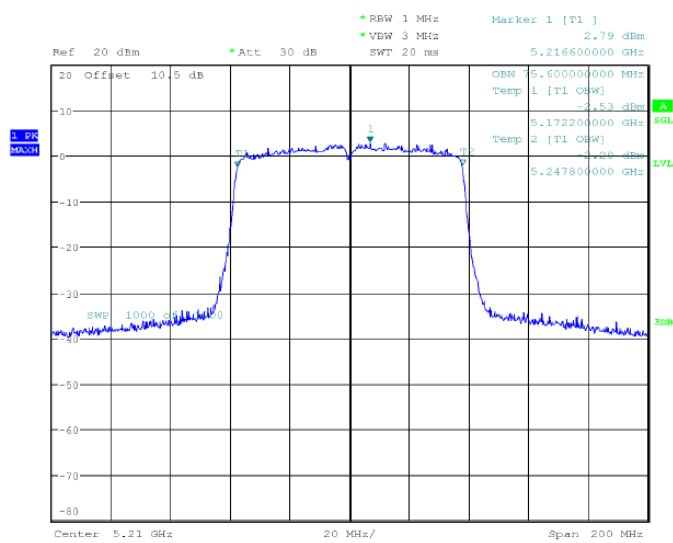
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:46:38

802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 13:41:48

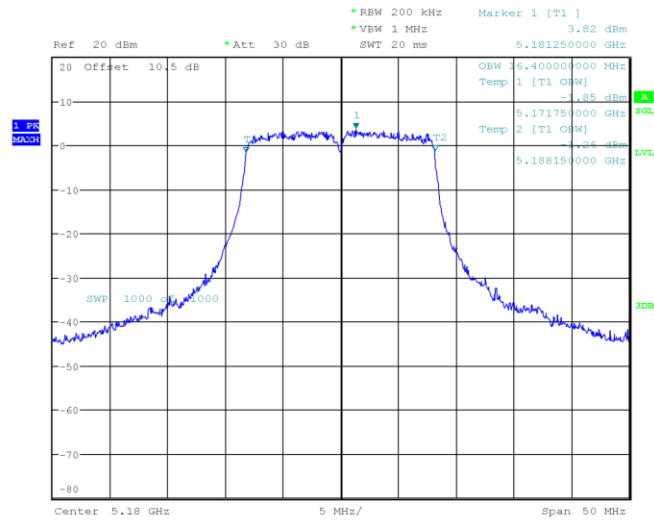
802.11ac80 mode, 5210MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 17:59:49

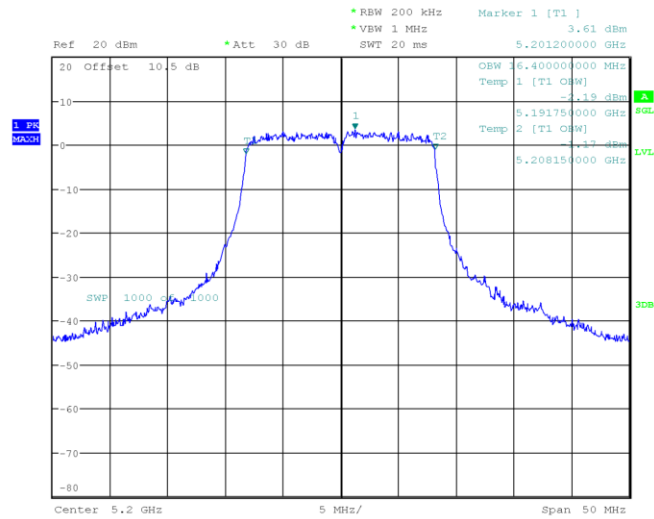
Chain 4:

802.11a mode, 5180MHz



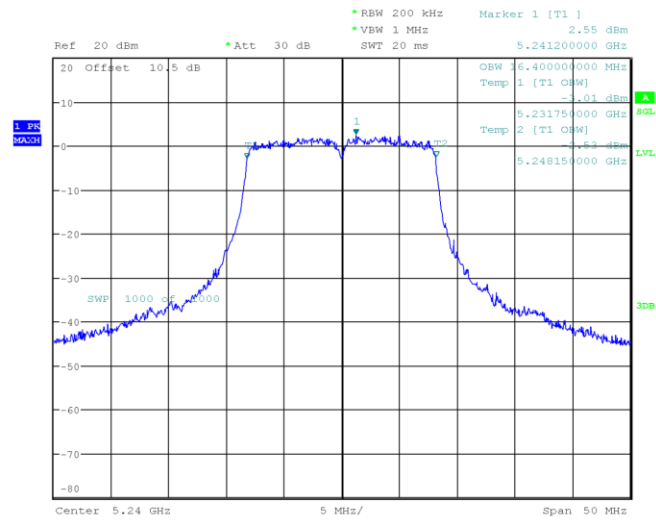
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 11:28:38

802.11a mode, 5200MHz



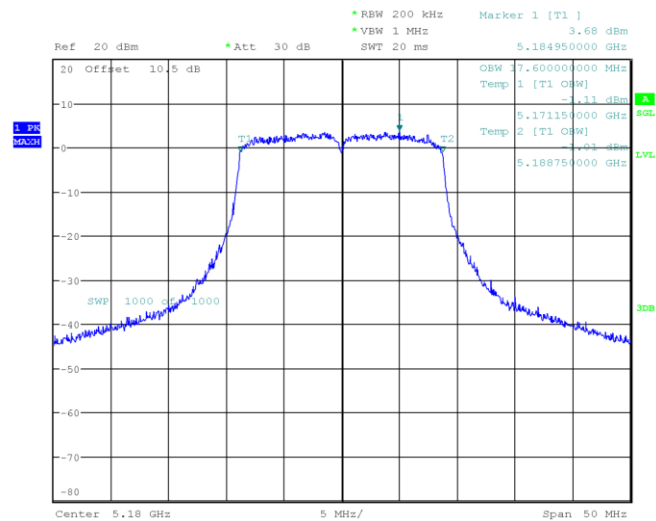
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 11:33:12

802.11a mode, 5240MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 11:38:30

802.11n20 mode, 5180MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 11:43:24

Ref 20 dBm *Att 30 dB SWT 20 ms 5.204350000 GHz

OBW 7.600000000 MHz
Temp 1 [T1 CHW] -1.45 dBm
Temp 2 [T1 CHW] -1.52 dBm

Center 5.2 GHz Span 50 MHz SWP 1000

Ref 20 dBm *Att 30 dB SWT 20 ms 5.244950000 GHz

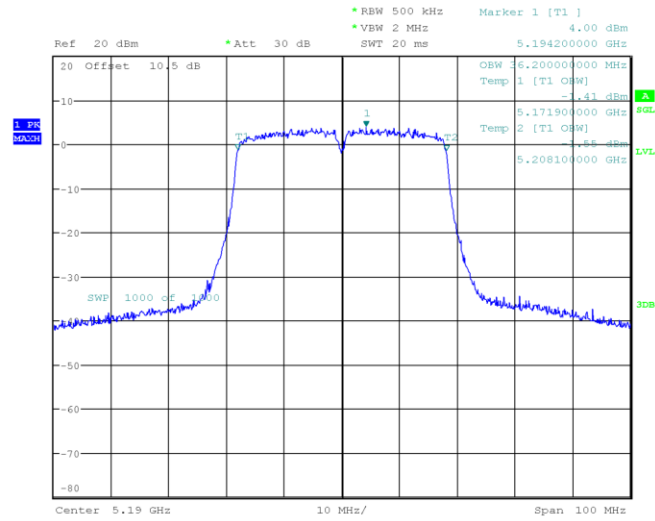
OBW 7.600000000 MHz
Temp 1 [T1 CW] -1.00 dBm
5.231150000 GHz
Temp 2 [T1 CW] -1.00 dBm
5.248750000 GHz

SWP 1000 1000

Center 5.24 GHz Span 50 MHz

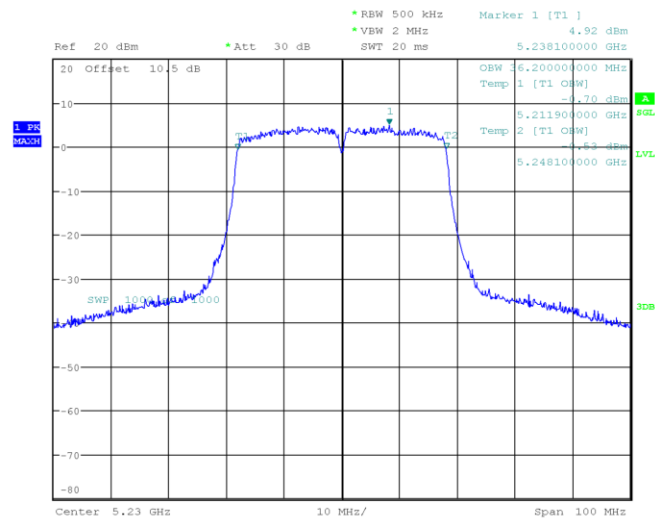
Page 191 of 285

802.11n40 mode, 5190MHz



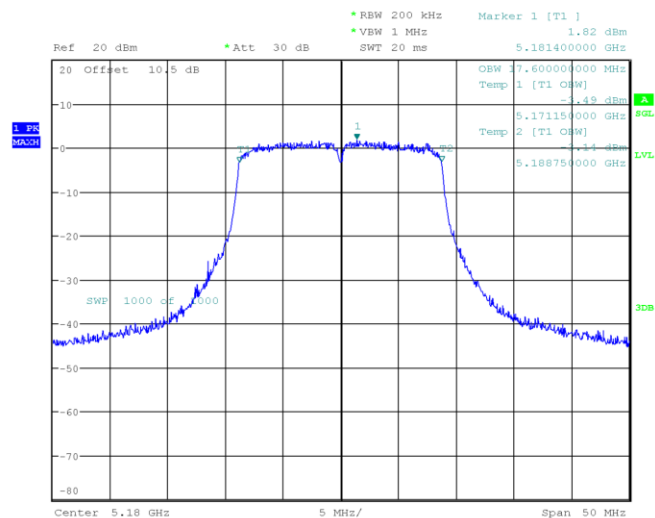
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 13:10:26

802.11n40 mode, 5230MHz



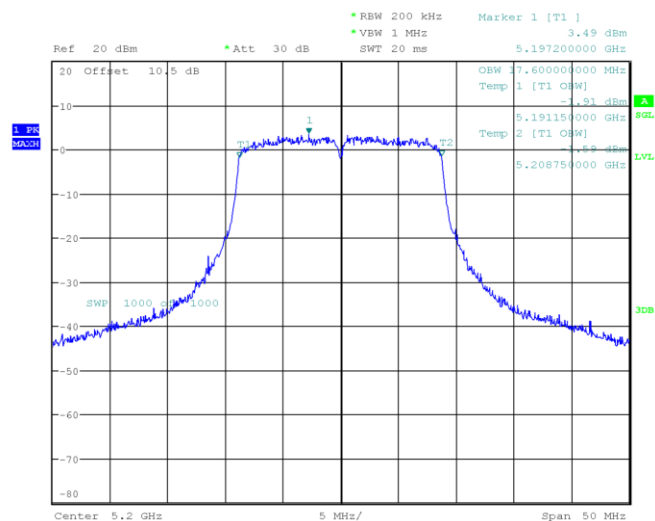
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 13:15:57

802.11ac20 mode, 5180MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 13:20:46

802.11ac20 mode, 5200MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 13:25:57

Ref 20 dBm *Att 30 dB SWT 20 ms 5.239300000 GHz

Marker 1 [T1] 5.239300000 MHz
Temp 1 [T1 CW] -1.91 dBm

Marker 2 [T1 CW] 5.231150000 GHz
Temp 2 [T1 CW] -1.40 dBm

Marker 3 [T1 CW] 5.248750000 GHz

SWP 1000.0 MHz

Center 5.24 GHz 5 MHz/ Span 50 MHz

Ref 20 dBm *Att 30 dB SWT 20 ms 5.197200000 GHz

2 Off-set 10.5 dB

10

0

-10

-20

-30

-40

-50

-60

-70

-80

SWP 1000 of 1000

1

1 [T1 CHW]

-2.67 dBm

5.171900000 GHz

2 [T1 CHW]

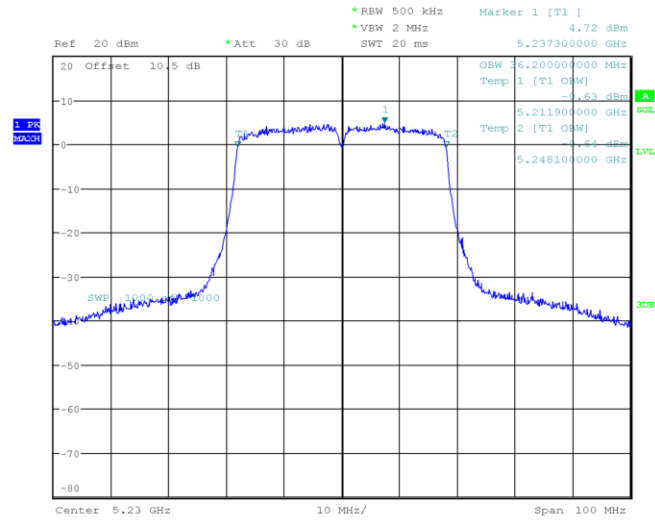
-2.67 dBm

5.208100000 GHz

Center 5.19 GHz 10 MHz/ Span 100 MHz

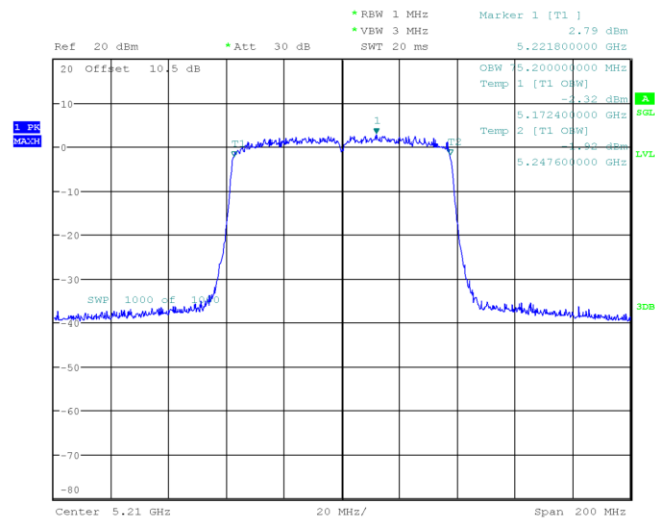
Page 194 of 285

802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 13:41:48

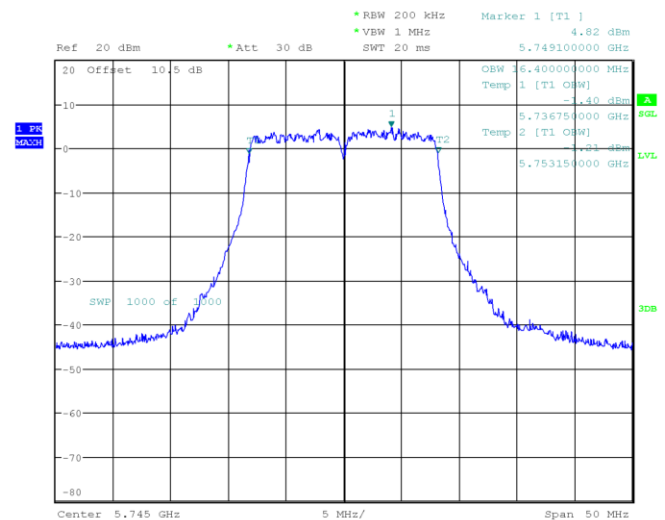
802.11ac80 mode, 5210MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 13:47:26

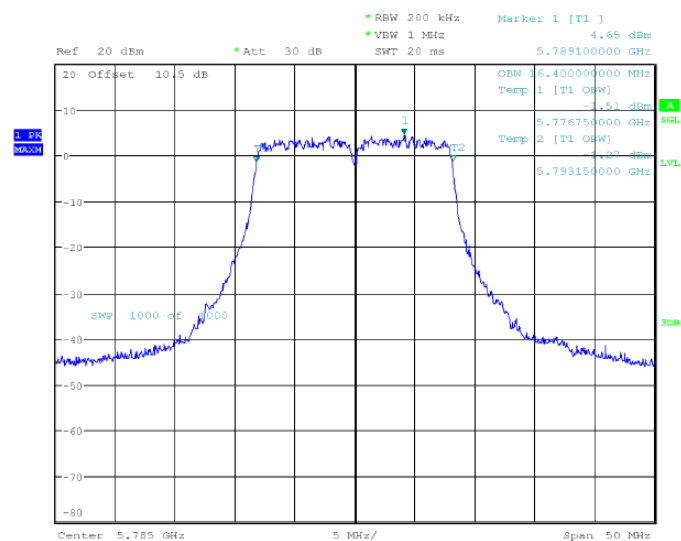
5725-5850 MHz Band
Chain 1:

802.11a mode, 5745MHz



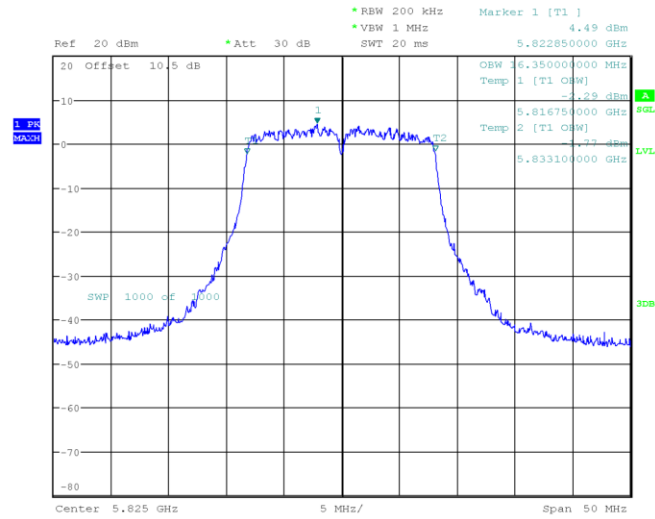
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:43:17

802.11a mode, 5785MHz



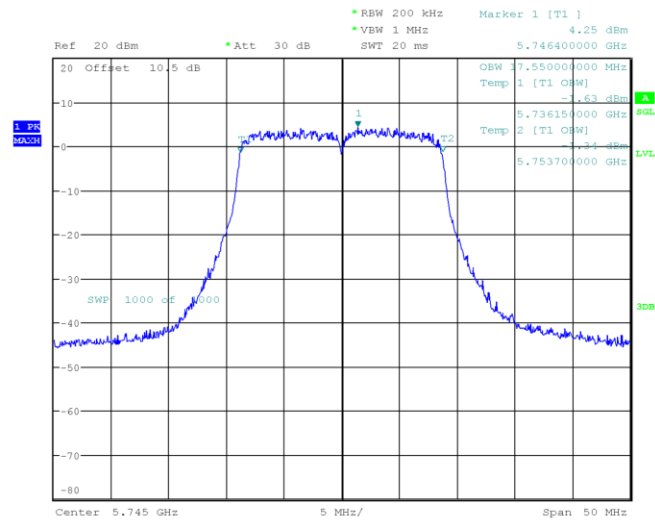
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:44:30

802.11a mode, 5825MHz



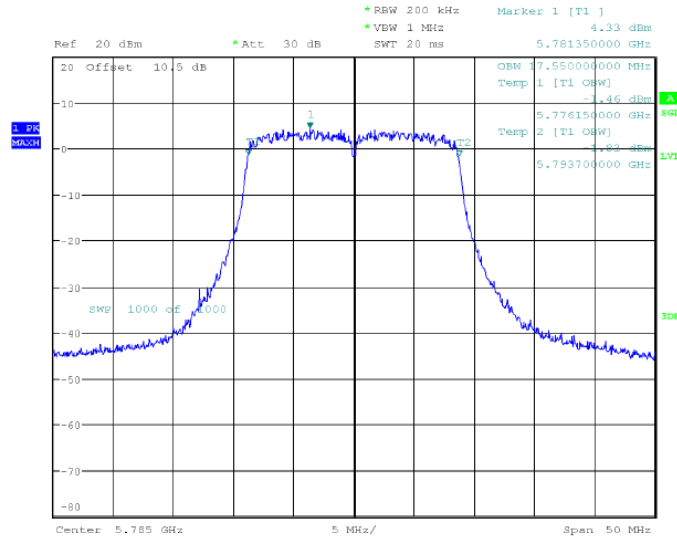
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:45:46

802.11n20 mode, 5745MHz



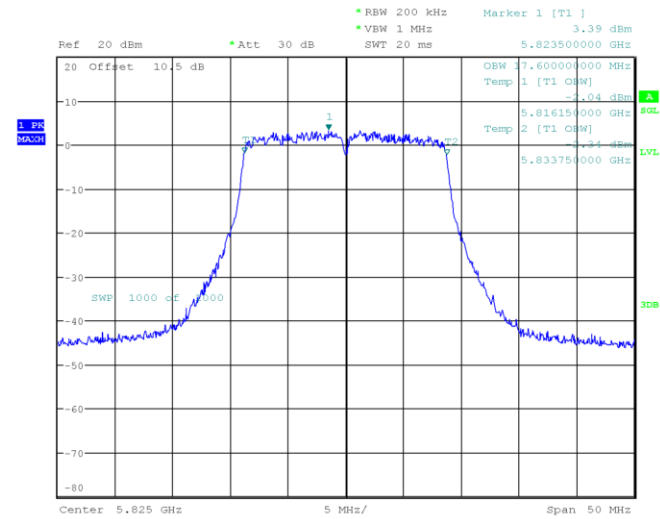
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:18:45

802.11 n20 mode, 5785MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:20:21

802.11 n20 mode, 5825MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:24:28

Ref 20 dBm *Att 30 dB SWT 20 ms 5.765100000 GHz

20 Offset 10.5 dB

SWP 1000 of 1000

Center 5.755 GHz 10 MHz/ Span 100 MHz

Marker 1 [T1] 5.97 dBm

OBW 6.200000000 MHz
Temp 1 [T1 OBW] 0.00 dBm

5.736900000 GHz
Temp 2 [T1 OBW] 0.00 dBm

5.773100000 GHz

3dB

Ref 20 dBm *Att 30 dB *RBW 500 kHz *VBW 2 MHz SWT 20 ns 5.78 dBm 5.797200000 GHz

20 Offset 10.5 dB

1. PR
MAGN

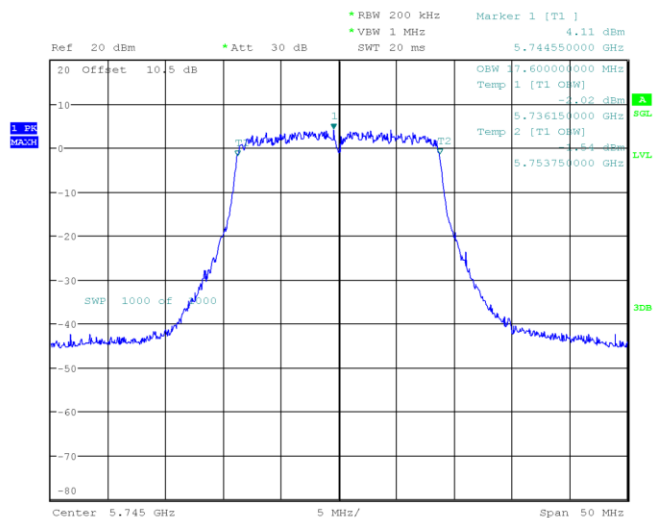
SWG 1000 of 1000

QBW 6.100000000 MHz
Temp 1 [T1 ON]
5.776300000 GHz
Temp 2 [T1 ON]
5.813000000 GHz

Center 5.795 GHz 10 MHz/ Span 100 MHz

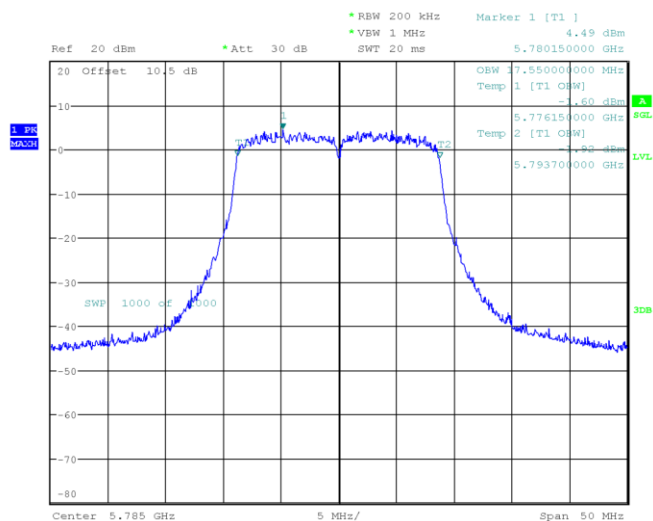
Page 199 of 285

802.11 ac20 mode, 5745MHz



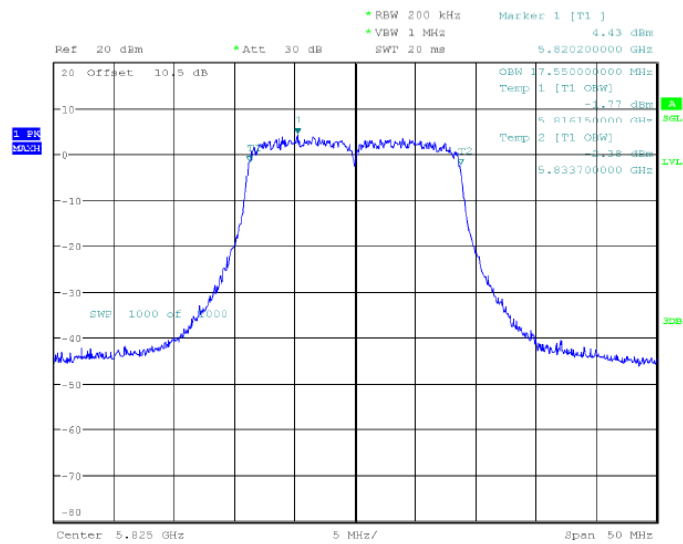
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:30:42

802.11ac20 mode, 5785MHz



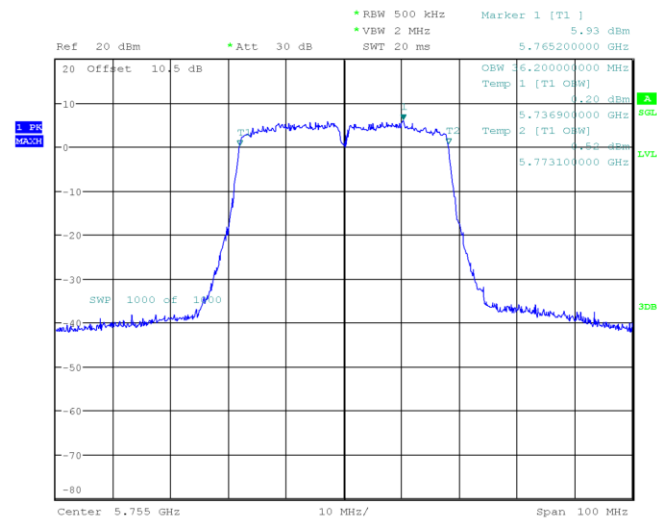
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 29.APR.2024 19:31:58

802.11ac20 mode, 5825MHz



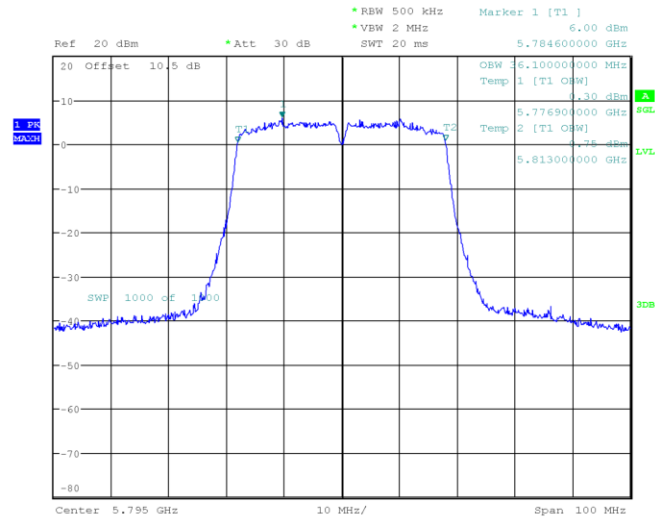
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:33:14

802.11ac40 mode, 5755MHz



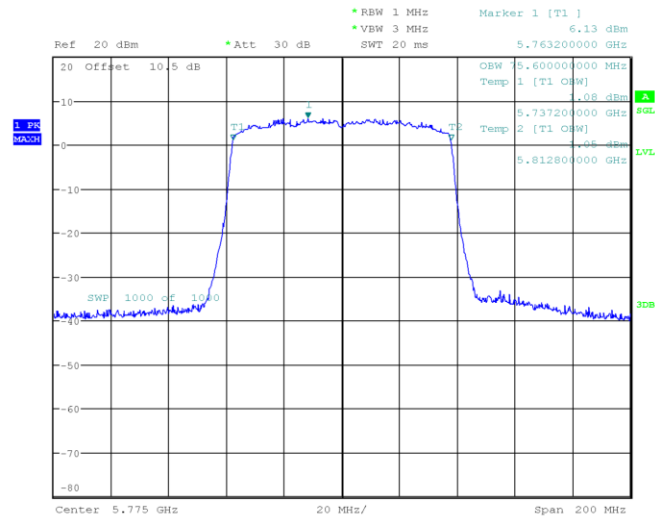
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:35:41

802.11ac40 mode, 5795MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:38:06

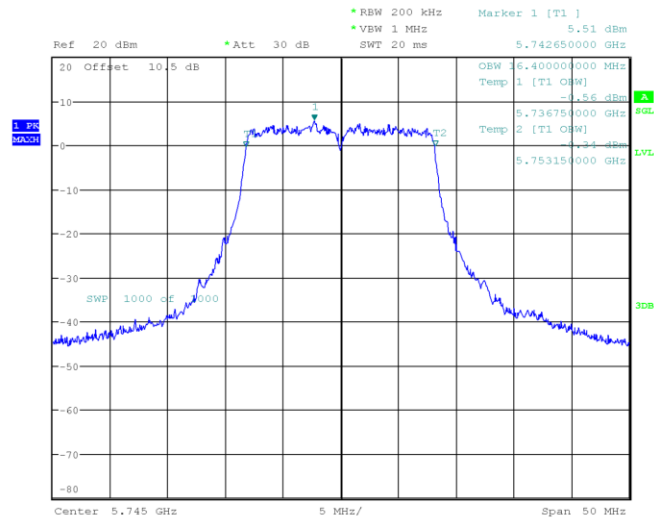
802.11ac80 mode, 5775MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 29.APR.2024 19:40:25

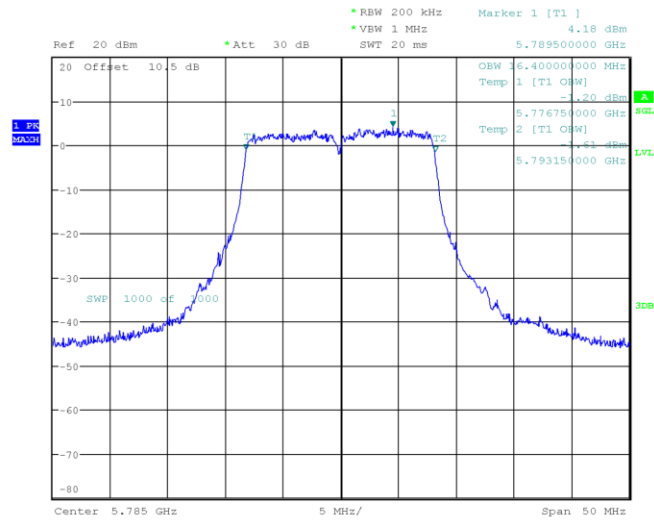
Chain 2:

802.11a mode, 5745MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:25:47

802.11a mode, 5785MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 09:44:05

Ref 20 dBm *Att 30 dB SWT 20 ms 5.822650000 GHz
 RBW 200 kHz 3.92 dBm
 VBW 1 MHz

1. Pa
 MA33

10.5 dB
 SWP 1000 Hz
 1000

1
 2
 T1
 T2

OBW 6.400000000 MHz
 1 [T1 CW]
 Temp -1.52 dBm
 5.816700000 GHz
 2 [T1 CW]
 Temp -1.03 dBm
 5.833100000 GHz

3dB

Center 5.825 GHz 5 MHz/ Span 50 MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:36:19

Ref 20 dBm *Att 30 dB SWT 20 ms 5.748900000 GHz

1 Pk
36A01

20 Offset 10.5 dB

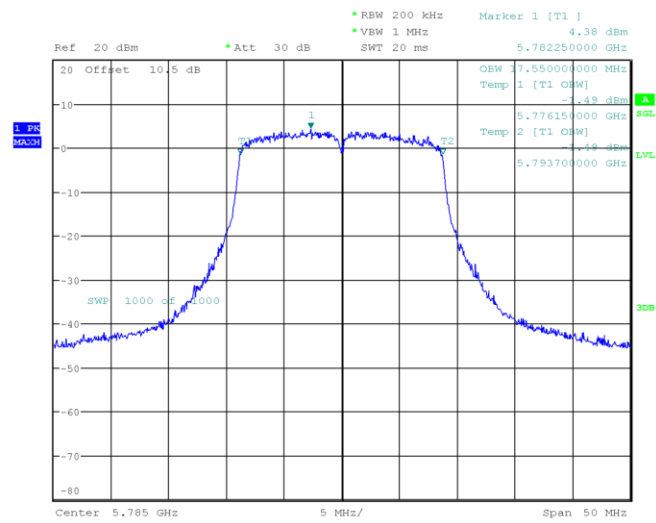
SWP 1000 Hz

Center 5.745 GHz 5 MHz/ Span 50 MHz

OWB 7.600000000 MHz
Temp 1 [T1 OW] -4.33 dBm
5.736150000 GHz
Temp 2 [T1 OW] -4.33 dBm
5.753750000 GHz

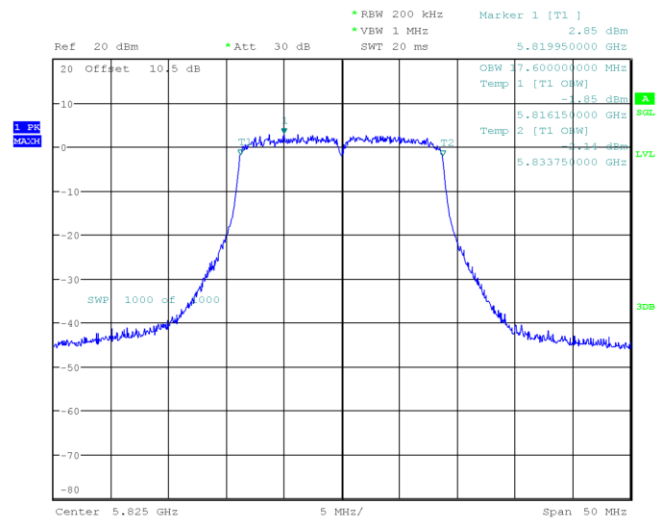
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:40:36

802.11 n20 mode, 5785MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:45:44

802.11 n20 mode, 5825MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:53:12

Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 5.762600000 GHz

20 Offset 10.5 dB

10

0

-10

-20

-30

-40

-50

-60

-70

-80

SWP 1000 of 1000

3dB

Center 5.755 GHz 10 MHz/ Span 100 MHz

OBW 6.100000000 MHz
Temp 1 [T1 OBW] 6.23 dBm

5.736900000 GHz
Temp 2 [T1 OBW] 6.23 dBm

5.773000000 GHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 14:13:11

Ref 20 dBm *Att 30 dB SWT 20 ms Marker 1 [T1] 5.802500000 GHz

10.5 dBm

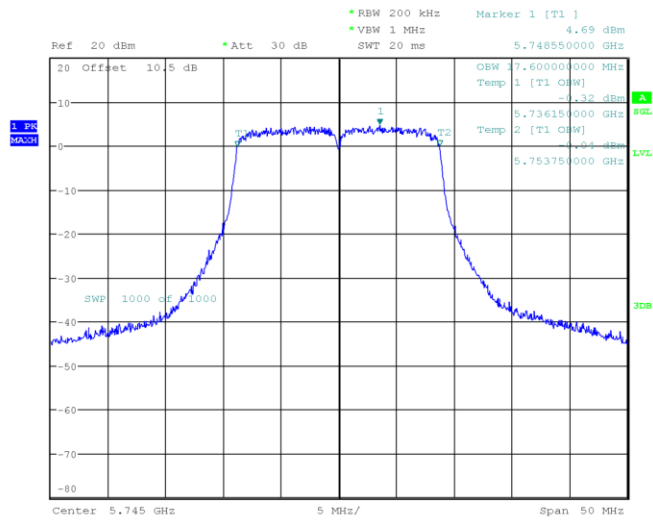
SWP 1000 GHz 1000

Center 5.795 GHz 10 MHz/ Span 100 MHz

OBW 6.200000000 MHz
Temp 1 [T1 CHW] 1.10 dBm
5.776800000 GHz
Temp 2 [T1 CHW] 1.03 dBm
5.813000000 GHz

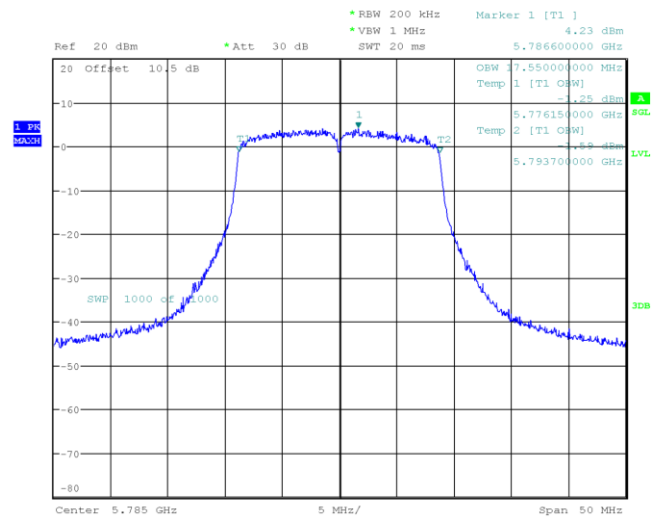
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 14:20:38

802.11 ac20 mode, 5745MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 14:25:18

802.11ac20 mode, 5785MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 14:29:55

1 dB MAGN

Ref 20 dBm Att 30 dB SWT 20 ms 5.827250000 GHz

Marker 1 [T1] 5.816150000 GHz -1.20 dBm

Marker 2 [T1] 5.833750000 GHz -1.20 dBm

Center 5.825 GHz 5 MHz/ Span 50 MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 14:35:24

Ref 20 dBm *Att 30 dB SWT 20 ms 5.760000000 GHz

20 Offset 10 5 dB

10

0

-10

-20

-30

-40

-50

-60

-70

-80

SWP 1000 of 1000

OBW 6.100000000 MHz

1 [T1 ONW]

Temp 1 -7.79 dBm

5.736900000 GHz

2 [T1 ONW]

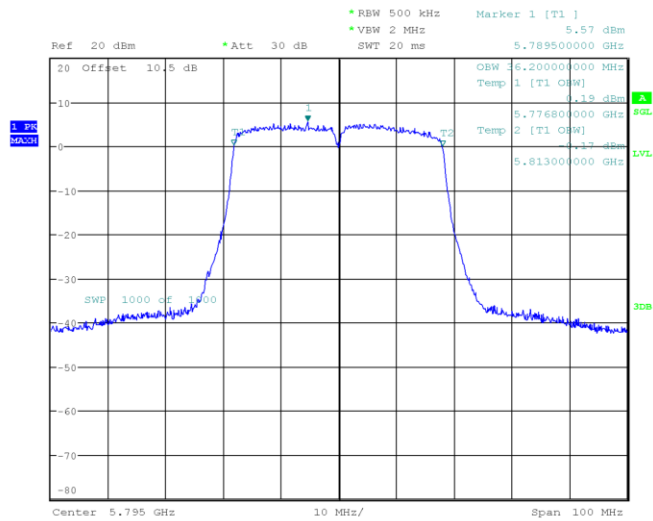
Temp 2 -7.08 dBm

5.773000000 GHz

Center 5.755 GHz 10 MHz/ Span 100 MHz

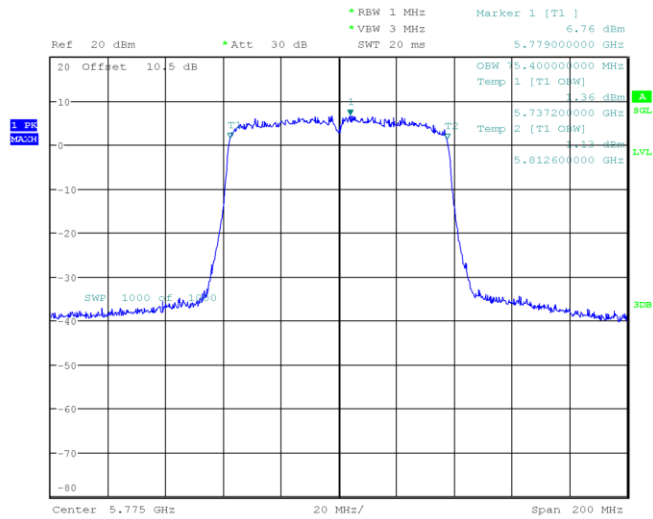
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 15:11:59

802.11ac40 mode, 5795MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 15:18:13

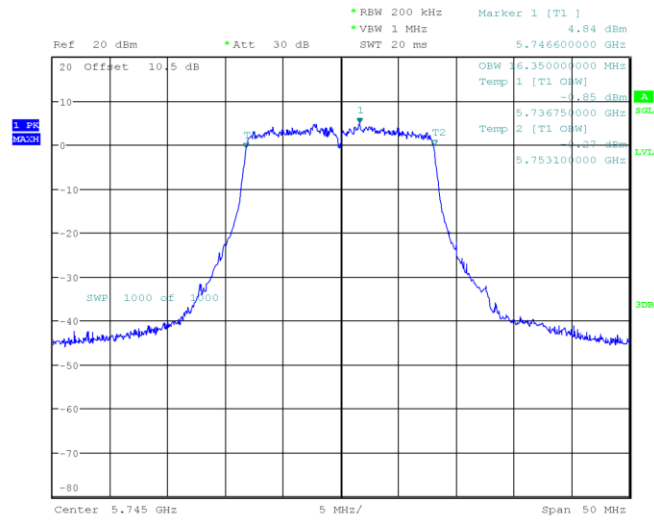
802.11ac80 mode, 5775MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 15:25:02

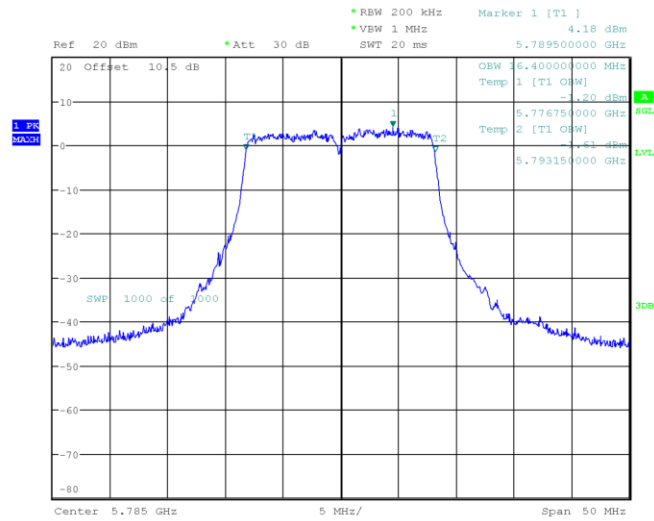
Chain 3:

802.11a mode, 5745MHz



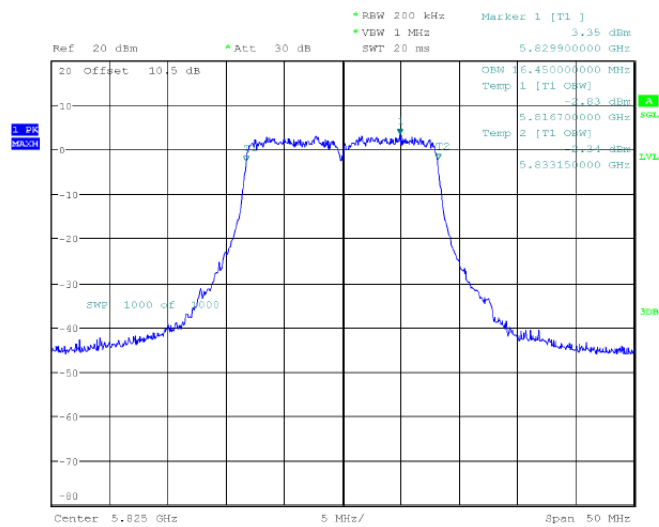
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 09:39:51

802.11a mode, 5785MHz



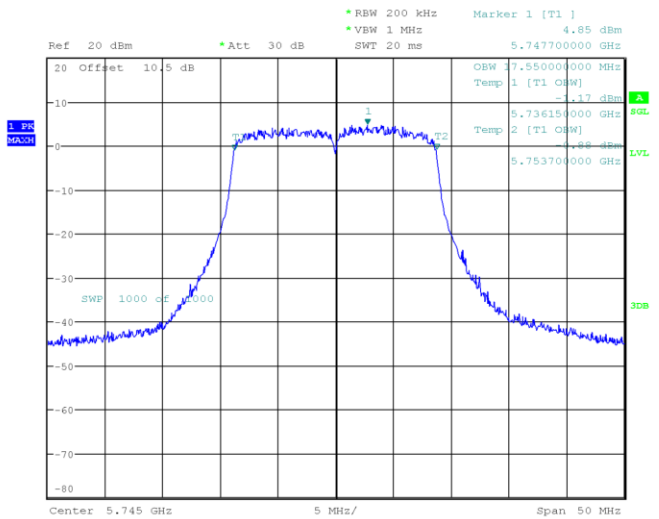
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 09:44:05

802.11a mode, 5825MHz



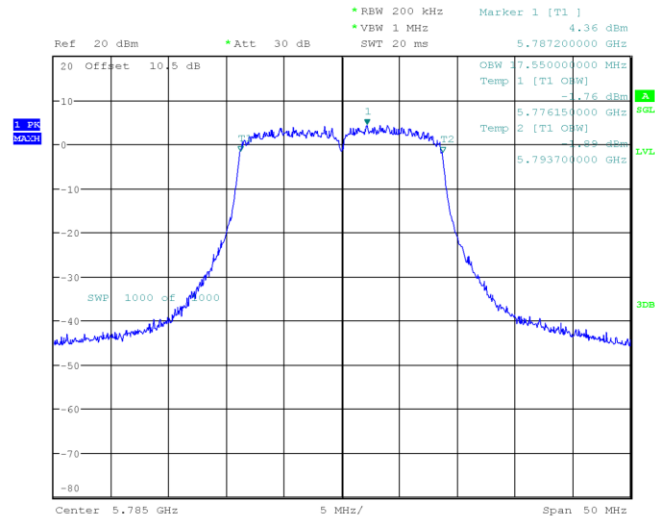
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 09:47:52

802.11n20 mode, 5745MHz



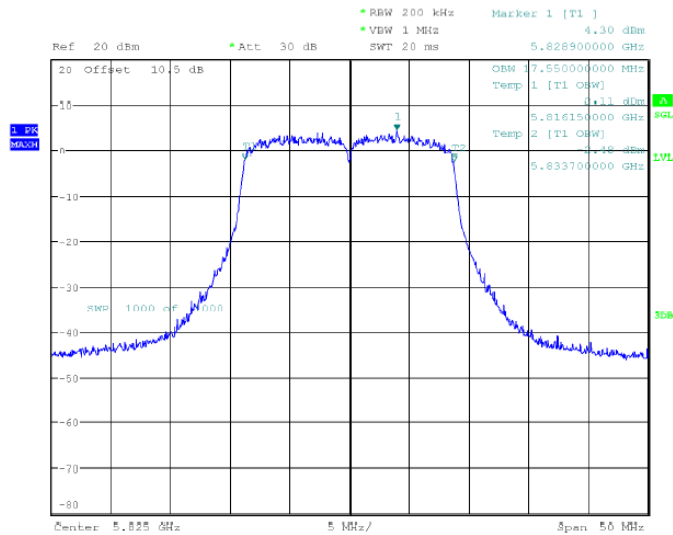
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 09:56:11

802.11n20 mode, 5785MHz



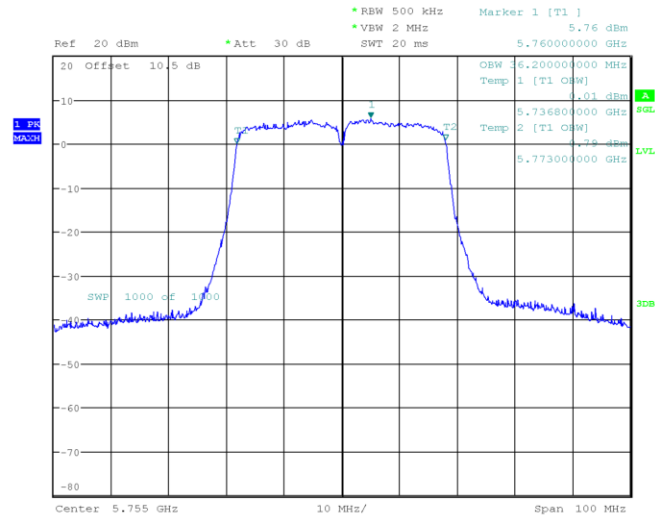
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:00:42

802.11n20 mode, 5825MHz



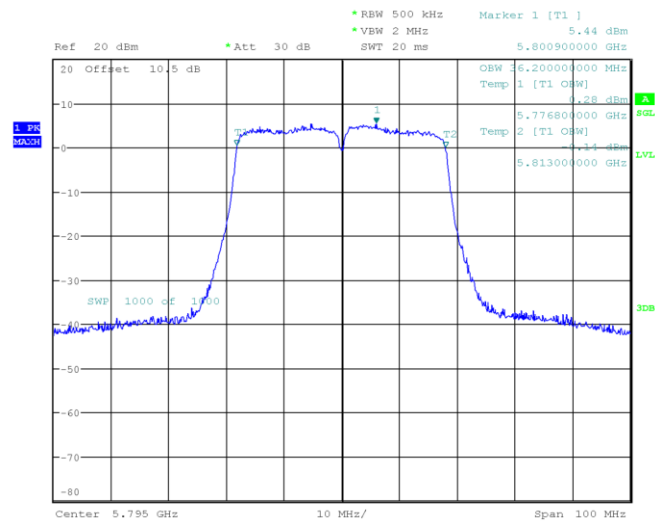
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:04:49

802.11n40 mode, 5755MHz

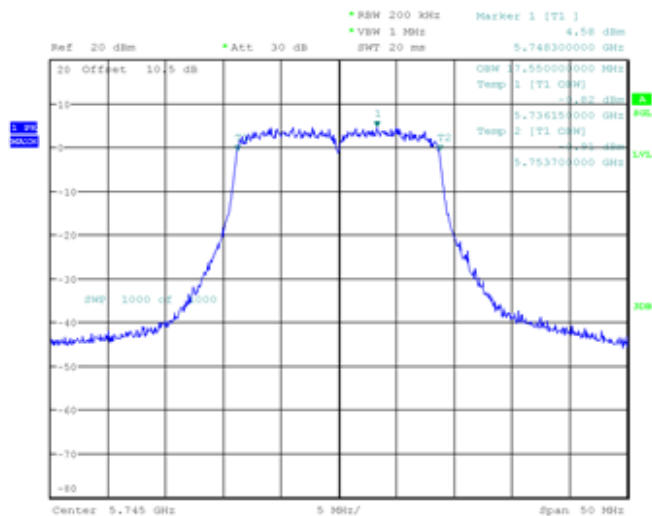


ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:20:47

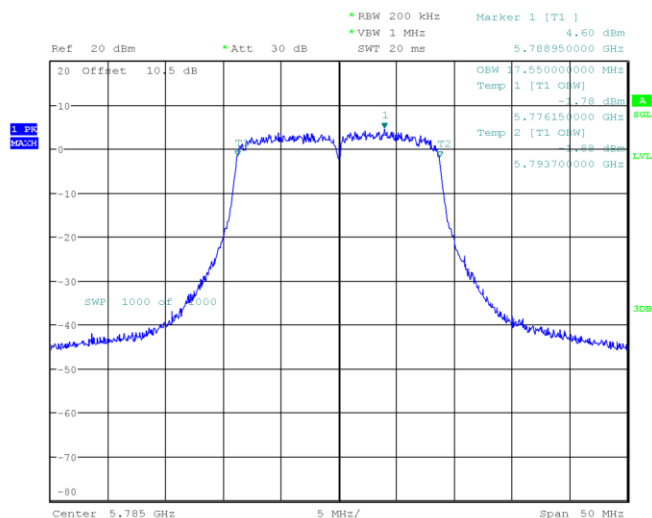
802.11n40 mode, 5795MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:27:36

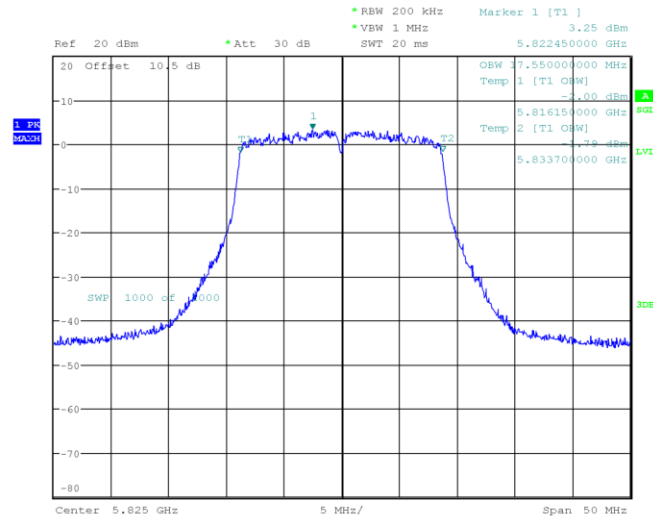
802.11 ac20 mode, 5745MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:39:40

802.11ac20 mode, 5785MHz

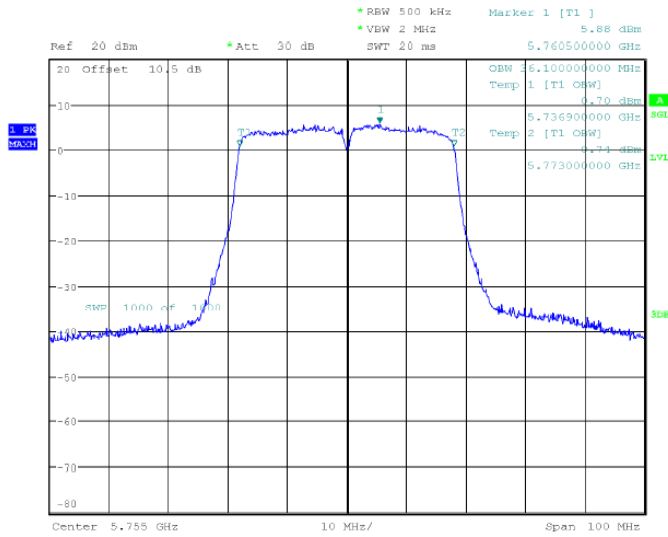
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 10:46:24

802.11ac20 mode, 5825MHz



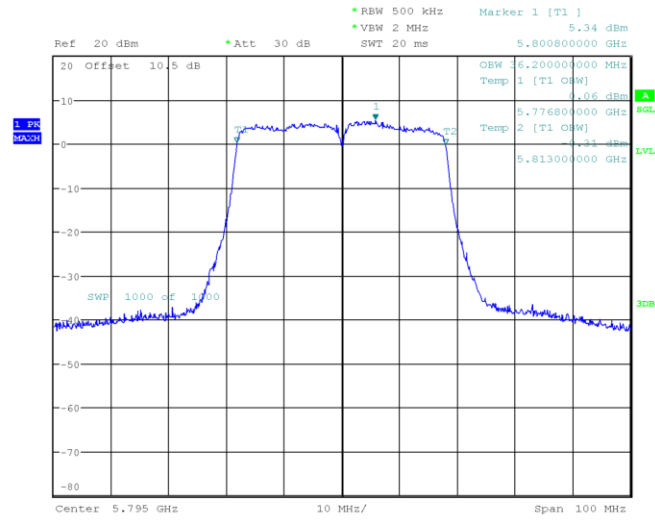
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 10:50:27

802.11ac40 mode, 5755MHz



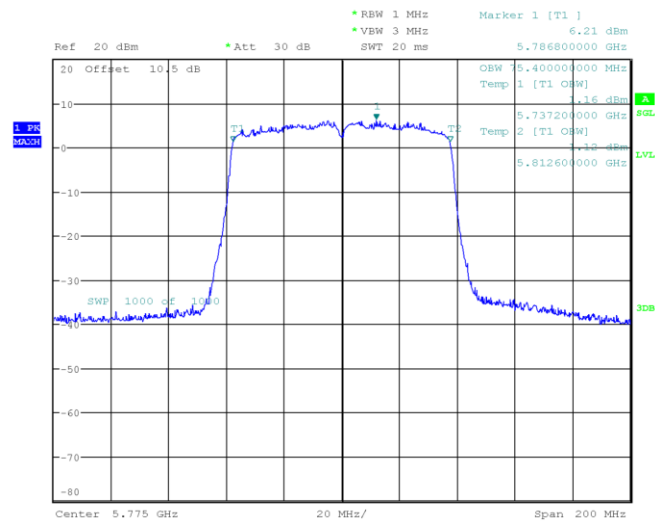
ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 10:57:20

802.11ac40 mode, 5795MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 11:03:42

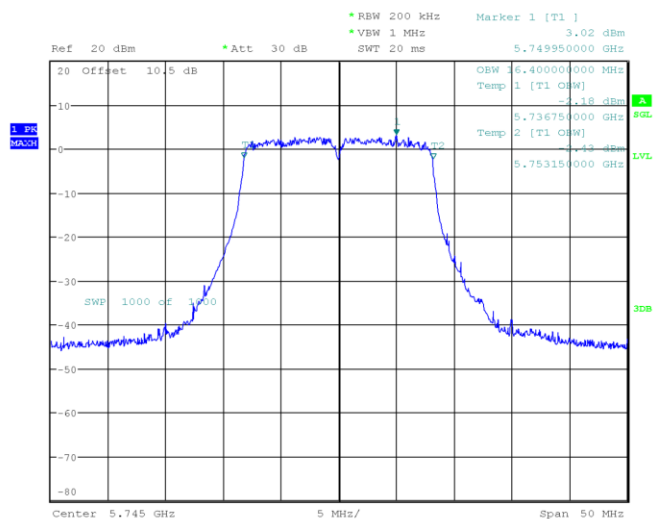
802.11ac80 mode, 5775MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
 Date: 6.MAY.2024 11:16:29

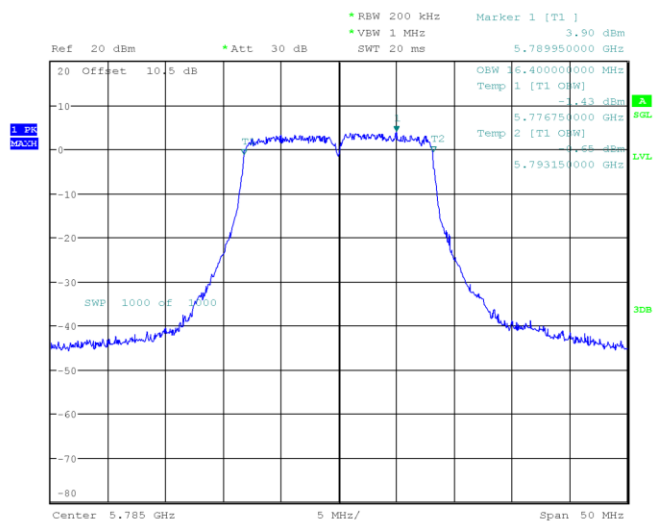
Chain 4:

802.11a mode, 5745MHz



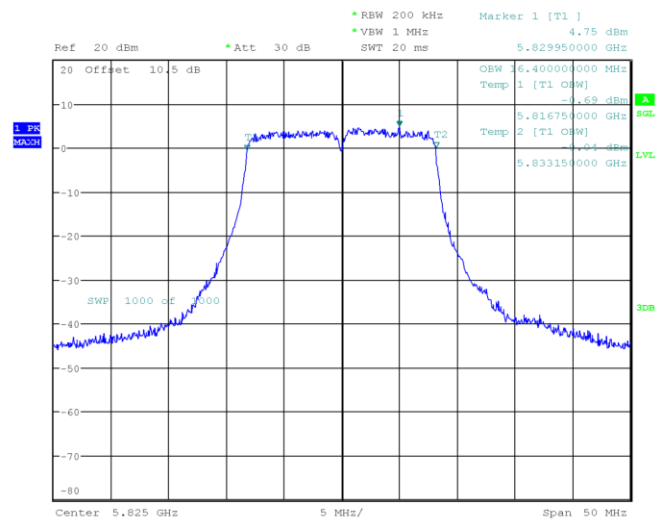
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:15:28

802.11a mode, 5785MHz



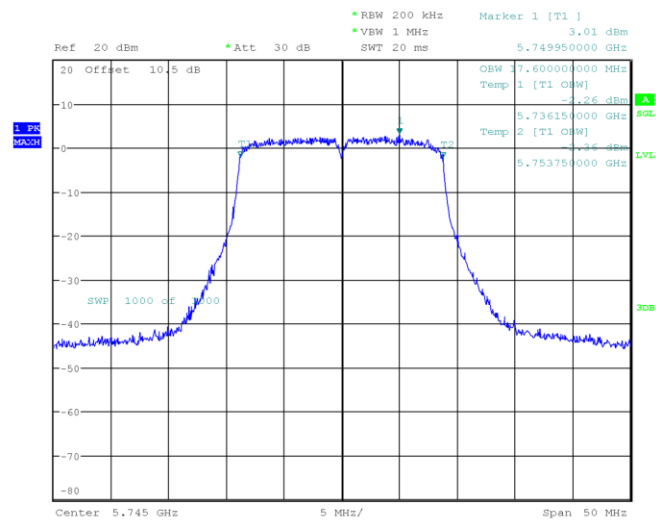
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:33:06

802.11a mode, 5825MHz



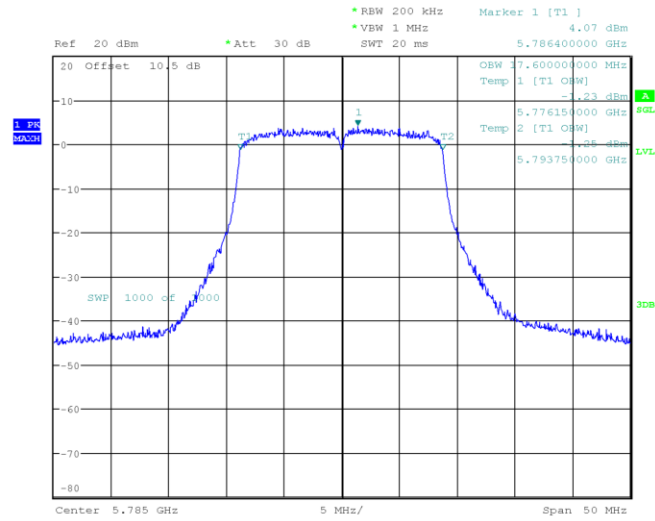
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:37:11

802.11n20 mode, 5745MHz



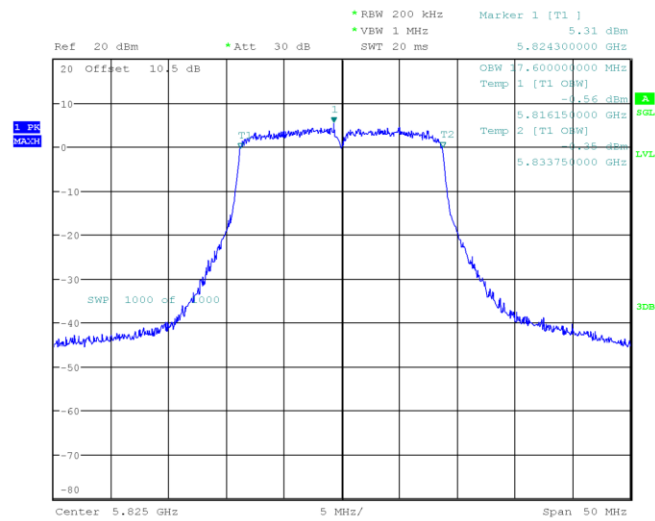
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:41:45

802.11n20 mode, 5785MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:46:25

802.11n20 mode, 5825MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 14:50:39

Ref 20 dBm *Att 30 dB SWT 20 ms 5.760000000 GHz

20 Offset 10 5 dB

10

0

-10

-20

-30

-40

-50

-60

-70

-80

SWP 1000 of 1000

3dB

Marker 1 [T1] 5.760000000 MHz 1 [T1 CW] -1.66 dBm

Temp 2 [T1 CW] 5.736900000 GHz -1.66 dBm

5.773100000 GHz

Center 5.755 GHz 10 MHz/ Span 100 MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:26:50

1. PS MACM

Ref 20 dBm Att 30 dB SWT 20 ms 5.785500000 GHz

20 Offset 10 5 dB

OBW 6.200000000 MHz
Temp 1 [T1 ON] -7.79 dBm

5.776900000 GHz
Temp 2 [T1 ON] -3.34 dBm

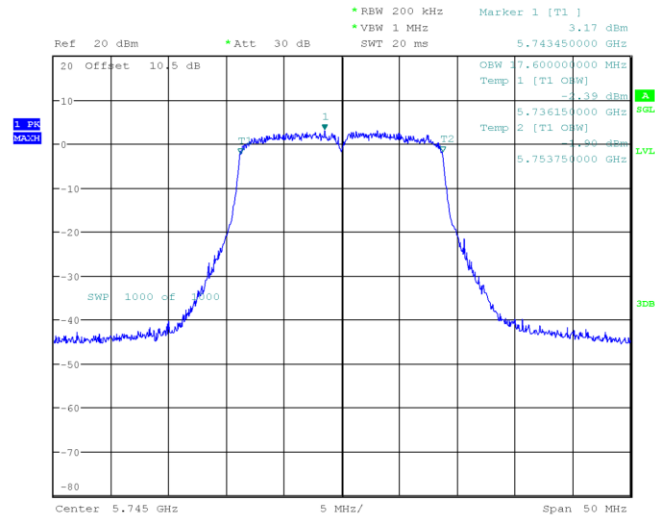
5.813100000 GHz

SWP 1000 of 1700

Center 5.795 GHz 10 MHz/ Span 100 MHz

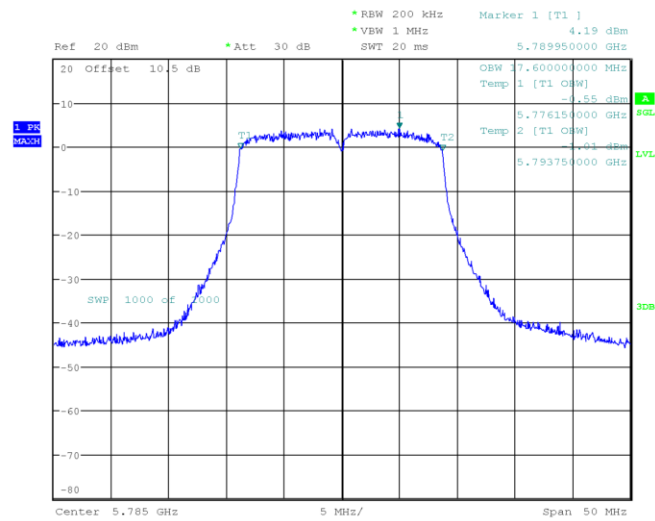
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:33:27

802.11ac20 mode, 5745MHz



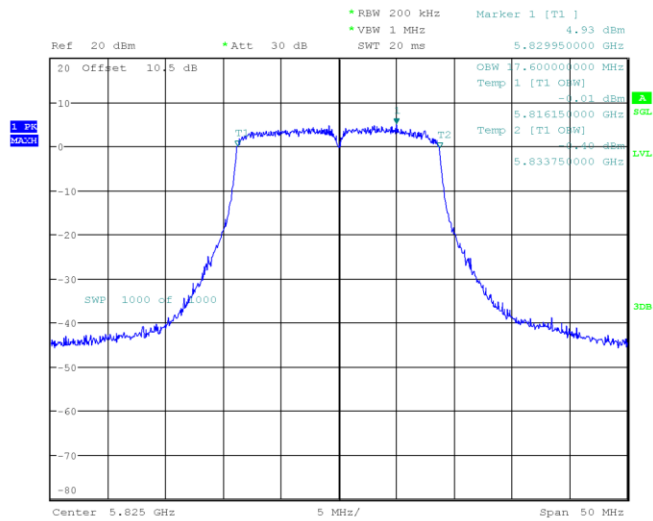
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:38:11

802.11ac20 mode, 5785MHz



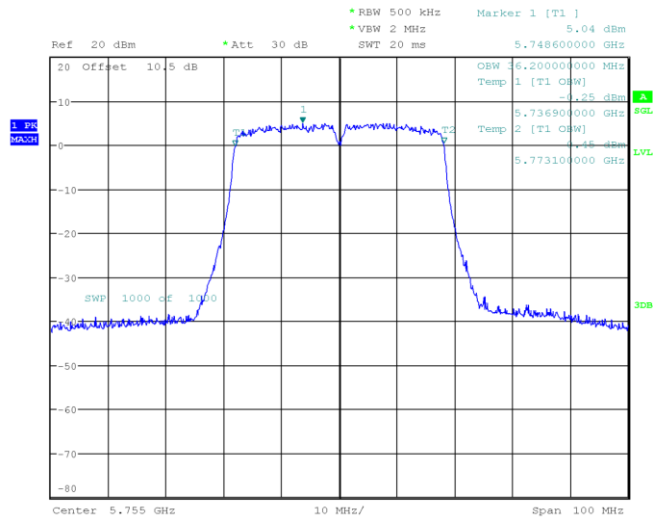
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:43:15

802.11ac20 mode, 5825MHz



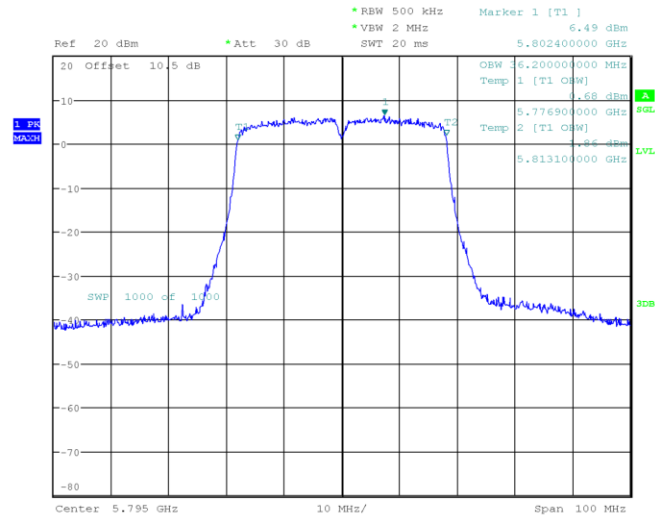
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:47:22

802.11ac40 mode, 5755MHz



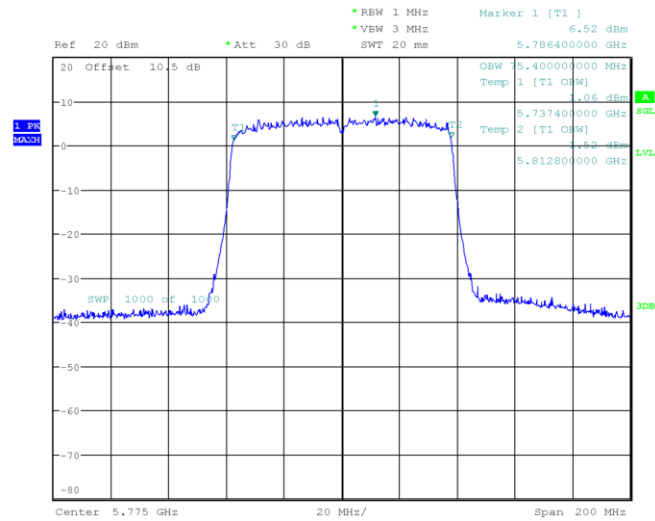
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 15:53:34

802.11ac40 mode, 5795MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 16:00:38

802.11ac80 mode, 5775MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 6.MAY.2024 16:07:02

Conducted Transmitter Output Power*Test Mode: Transmitting*

Band	Mode	Frequency (MHz)	Output Power					Limit (dBm)
			Chain 1	Chain 2	Chain 3	Chain 4	Total	
5150-5250 MHz	802.11 a	5180	22.707	23.418	23.296	23.505	/	≤30.00
		5200	22.994	23.443	23.083	23.455	/	
		5240	22.575	23.448	23.053	23.172	/	
	802.11 n20	5180	22.754	23.313	23.124	23.411	29.18	
		5200	22.928	23.269	23.065	23.191	29.14	
		5240	22.779	23.207	23.196	23.395	29.17	
	802.11 n40	5190	22.967	23.236	23.189	23.483	29.24	
		5230	22.877	23.026	23.027	23.038	29.01	
	802.11 ac20	5180	22.526	23.062	23.145	23.434	29.07	
		5200	22.988	23.168	23.223	23.037	29.13	
		5240	22.744	22.951	23.094	22.882	28.94	
	802.11 ac40	5190	22.964	23.344	23.117	23.415	29.23	
		5230	22.876	23.317	23.111	23.113	29.13	
	802.11 ac80	5210	23.352	23.142	23.543	23.475	29.40	

Band	Mode	Frequency (MHz)	Output Power					Limit (dBm)
			Chain 1	Chain 2	Chain 3	Chain 4	Total	
5725-5850 MHz	802.11 a	5745	23.032	23.262	23.485	22.908	/	≤30.00
		5785	23.144	23.512	23.468	23.491	/	
		5825	23.424	23.372	23.332	22.923	/	
	802.11 n20	5745	23.156	23.355	23.279	22.805	29.17	
		5785	23.183	23.481	22.902	22.841	29.13	
		5825	23.335	23.086	23.041	22.792	29.09	
	802.11 n40	5755	23.249	23.722	23.441	22.995	29.38	
		5795	23.106	23.084	22.975	22.953	29.05	
	802.11 ac20	5745	23.019	23.686	23.378	22.906	29.28	
		5785	23.017	23.097	23.039	22.808	29.01	
		5825	23.361	23.018	23.069	23.056	29.15	
	802.11 ac40	5755	23.134	23.627	23.221	22.958	29.26	
		5795	23.474	22.898	22.881	23.052	29.10	
	802.11 ac80	5775	23.583	23.774	23.663	23.301	29.60	

Note:

1. The maximum antenna gain is 6dBi for band 1, 6dBi for band 4.

2. The maximum antenna gain is 6dBi, 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 NANT ≤ 4;

So: Directional gain = GANT + Array Gain = 6dBi, no RF out power limit was reduced.

Power Spectral Density

Test Mode: Transmitting

Band	Mode	Frequency (MHz)	Result (dBm/MHz)					Limit (dBm/MHz)
			Chain 1	Chain 2	Chain 3	Chain 4	Total	
5150-5250 MHz	802.11 a	5180	6.90	6.72	6.80	6.35	/	≤17.00
		5200	6.84	5.87	6.36	5.97	/	
		5240	6.19	4.79	5.62	4.89	/	
	802.11 n20	5180	2.60	2.03	2.39	1.73	8.22	≤11.00
		5200	2.02	1.81	1.99	1.59	7.88	
		5240	1.95	0.18	1.03	0.34	6.95	
	802.11 n40	5190	-2.37	-2.75	-2.56	-3.04	3.35	
		5230	-0.48	-2.11	-1.44	-1.99	4.56	
	802.11 ac20	5180	0.35	0.11	0.05	-0.24	6.09	
		5200	2.52	1.40	1.70	1.45	7.81	
		5240	1.84	0.46	0.75	0.33	6.91	
	802.11 ac40	5190	-4.79	-3.65	-3.71	-4.12	1.98	
		5230	-2.53	-2.17	-1.26	-2.25	4.00	
	802.11 ac80	5210	-7.49	-7.61	-7.36	-8.03	-1.59	

Band	Mode	Frequency (MHz)	Result (dBm/500kHz)					Limit (dBm/500kHz)
			Chain 1	Chain 2	Chain 3	Chain 4	Total	
5725-5850 MHz	802.11 a	5745	3.84	4.29	4.10	2.62	/	≤30.00
		5785	3.48	3.72	3.57	3.69	/	
		5825	2.62	2.74	2.77	4.52	/	
	802.11 n20	5745	-0.47	-0.40	-0.18	-2.11	5.29	≤24.00
		5785	-0.41	-0.69	-0.60	-0.83	5.39	
		5825	-1.00	0.30	-1.35	-0.50	5.43	
	802.11 n40	5755	-3.04	-3.21	-3.01	-4.52	2.62	
		5795	-3.22	-4.06	-3.49	-3.51	2.46	
	802.11 ac20	5745	-0.37	-0.56	-0.62	-1.80	5.22	
		5785	-0.87	-0.79	-0.92	-0.70	5.20	
		5825	-1.10	-1.75	-1.50	-0.04	4.97	
	802.11 ac40	5755	-3.03	-3.29	-3.25	-4.39	2.56	
		5795	-3.23	-3.8	-3.52	-3.20	2.59	
	802.11 ac80	5775	-6.55	-6.68	-6.3	-7.25	-0.66	

Note:

1. The maximum antenna gain is 6 dBi. The device employed Cyclic Delay Diversity (CDD) for 802.11MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

Array Gain = $10 \cdot \log(\text{NANT/NSS})$ dB.

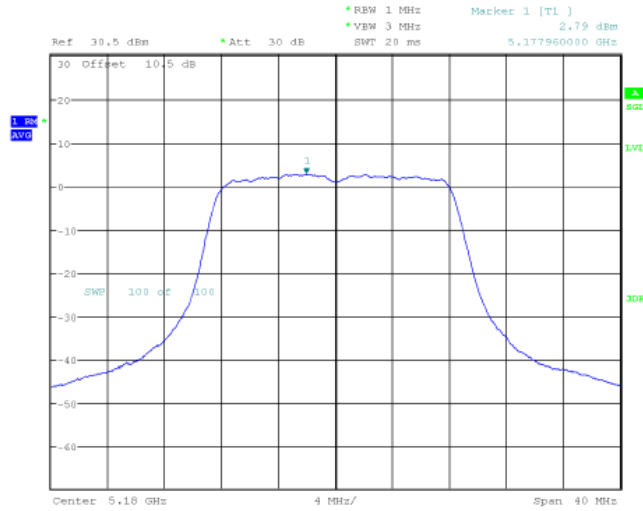
So: Directional gain = GANT + Array Gain = $6 + 10 \cdot \log(4/1) = 12\text{dBi} > 6\text{dBi}$, so power spectral density limit was reduced 6dB.

2. Note: Result= reading +duty cycle factor

5150MHz-5250 MHz Band:

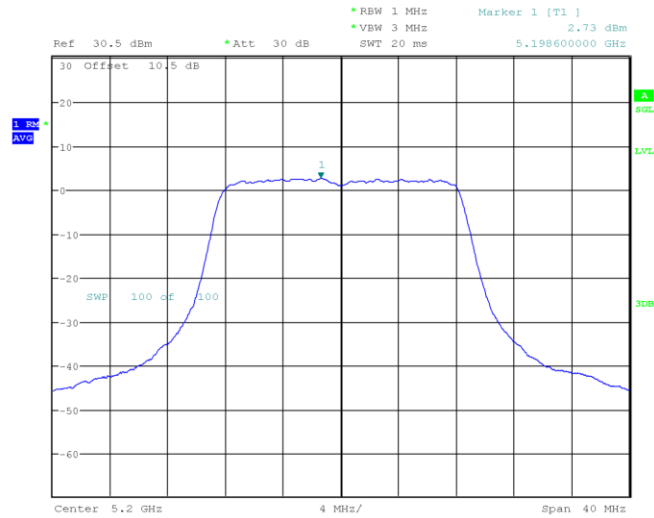
Chain 1:

802.11a mode, Power spectral density-5180MHz



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Date: 25.APR.2024 18:43:34

802.11a mode, Power spectral density-5200MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 18:50:32

Ref 30.5 dBm *Att 30 dB SWT 20 ms 5.234240000 GHz

30 Offset 10 5 dB

1 RBW
AVG

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

SWP 100 of 100

Marker 1 [T1] 2.08 dBm

30

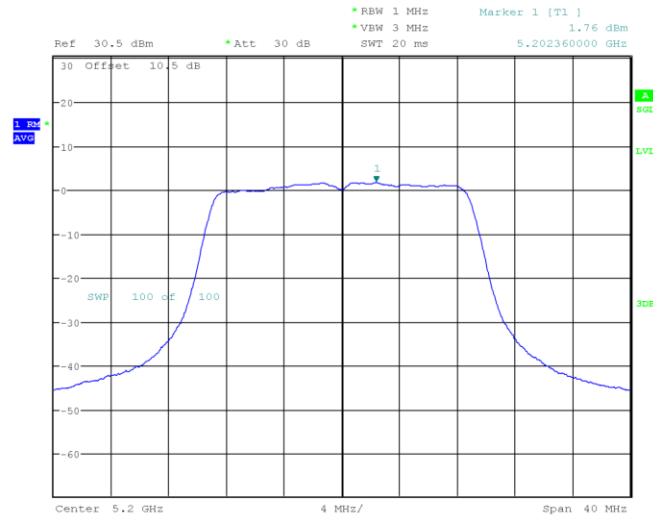
Center 5.24 GHz 4 MHz/ Span 40 MHz

ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 18:55:42

[illegible]

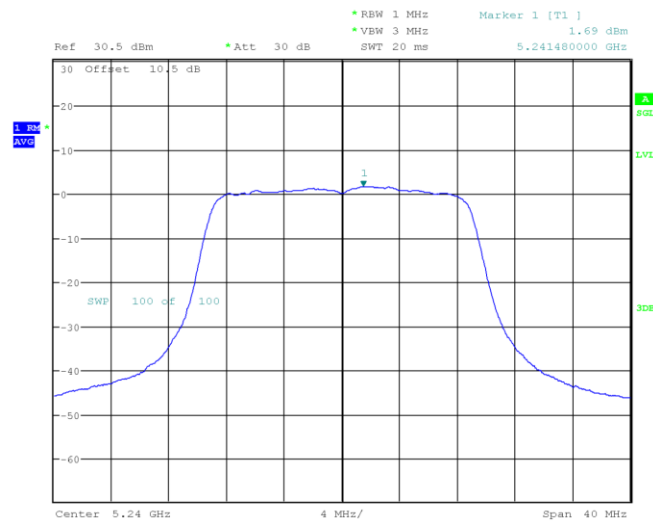
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:06:08

802.11n20 mode, Power spectral density-5200MHz



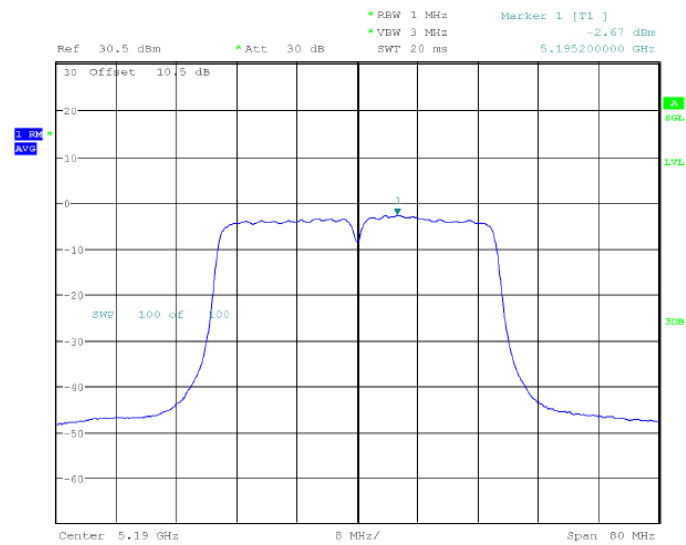
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:11:13

802.11n20 mode, Power spectral density-5240MHz



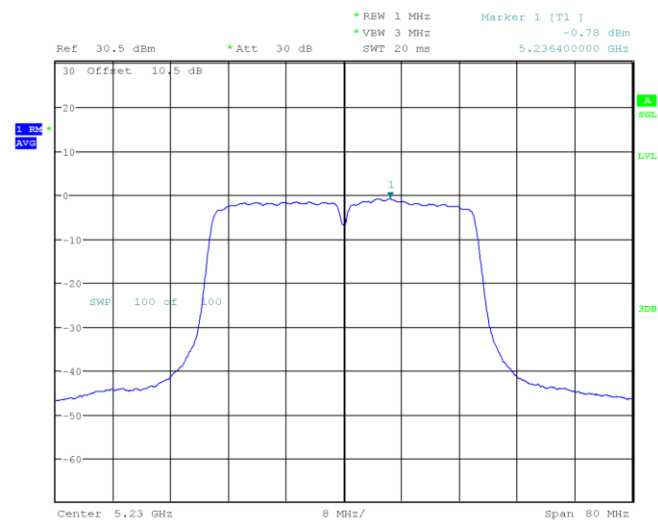
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:16:46

802.11n40 mode, Power spectral density-5190MHz



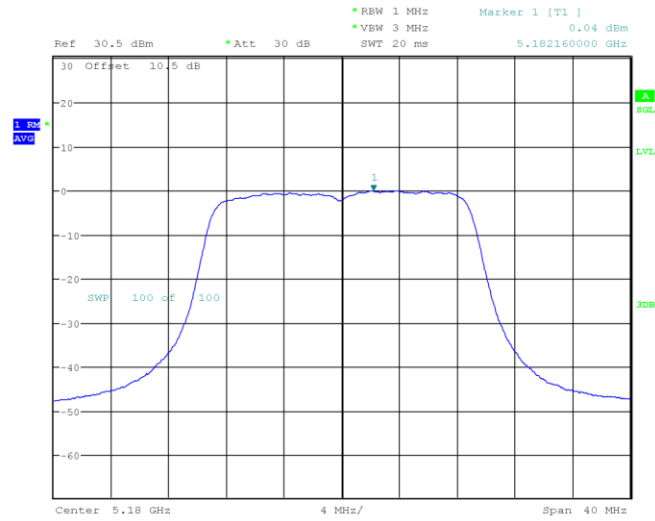
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:23:01

802.11n40 mode, Power spectral density-5230MHz



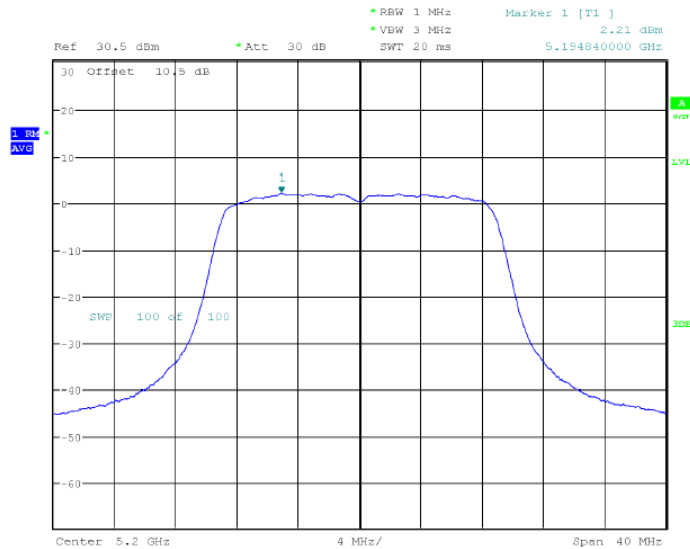
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:29:20

802.11 ac20 mode, Power spectral density-5180MHz



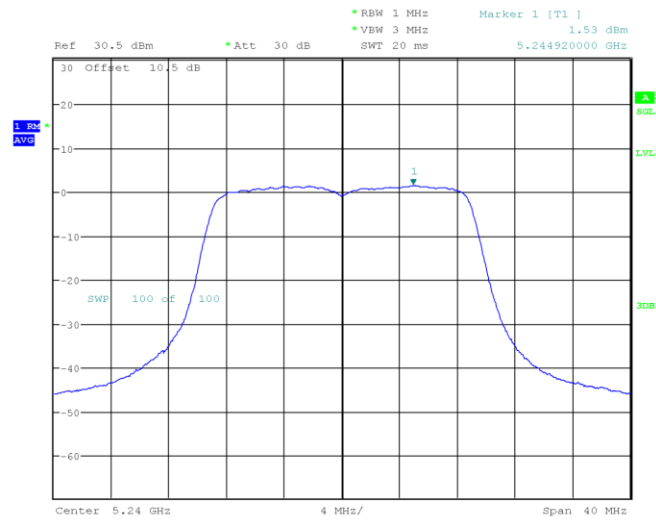
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:45:20

802.11ac20 mode, Power spectral density-5200MHz



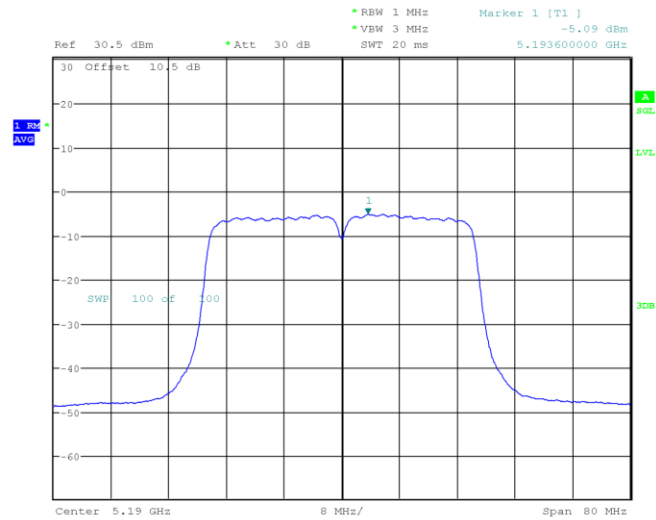
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:51:49

802.11 ac20 mode, Power spectral density-5240MHz



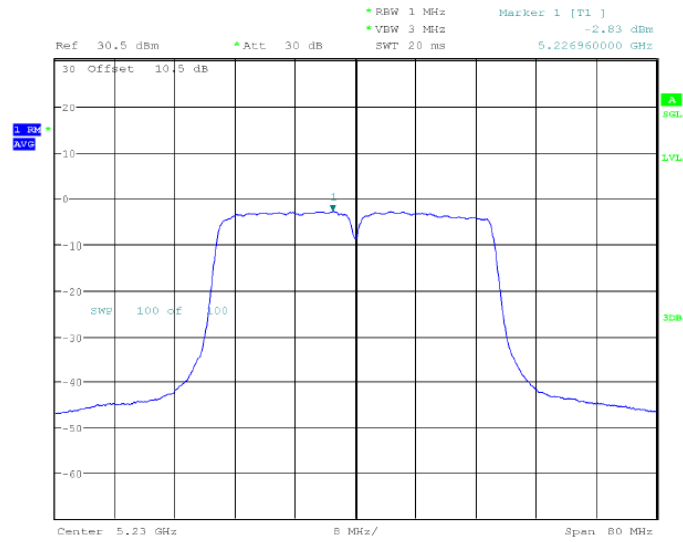
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 25.APR.2024 19:58:34

802.11 ac40 mode, Power spectral density-5190MHz



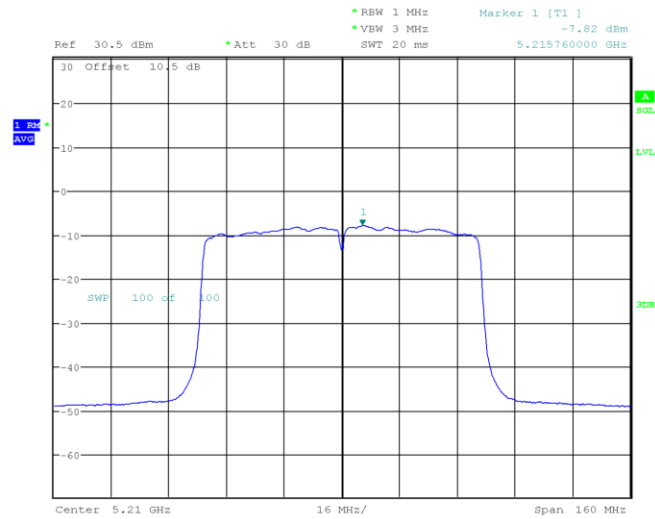
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 15:43:21

802.11 ac40 mode, Power spectral density-5230MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 15:45:31

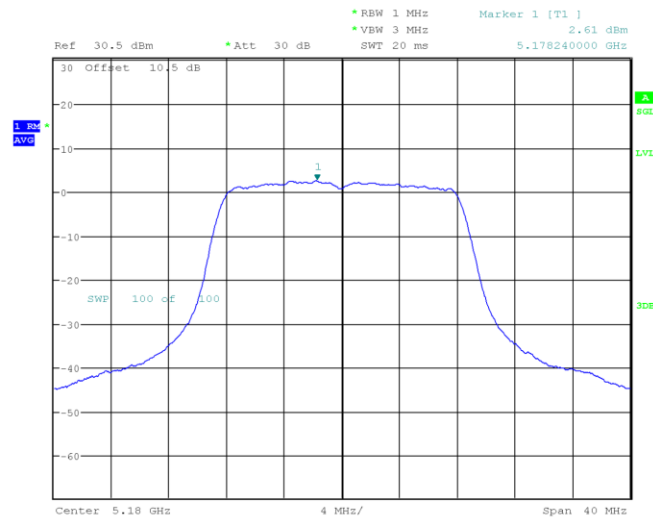
802.11 ac80 mode, Power spectral density-5210MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 26.APR.2024 09:41:38

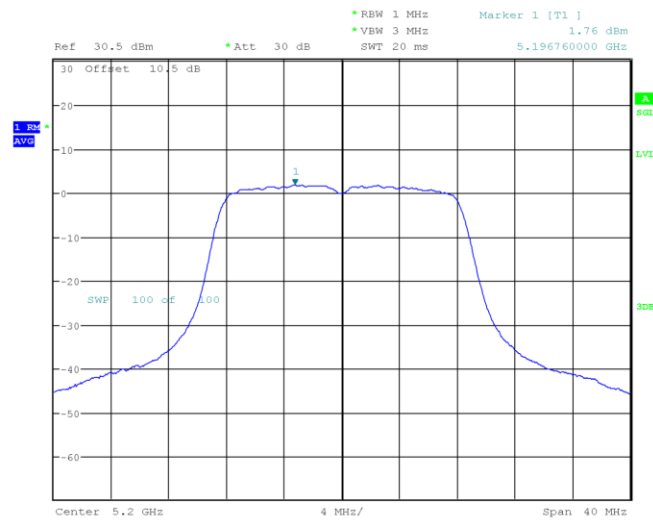
Chain 2:

802.11a mode, Power spectral density-5180MHz



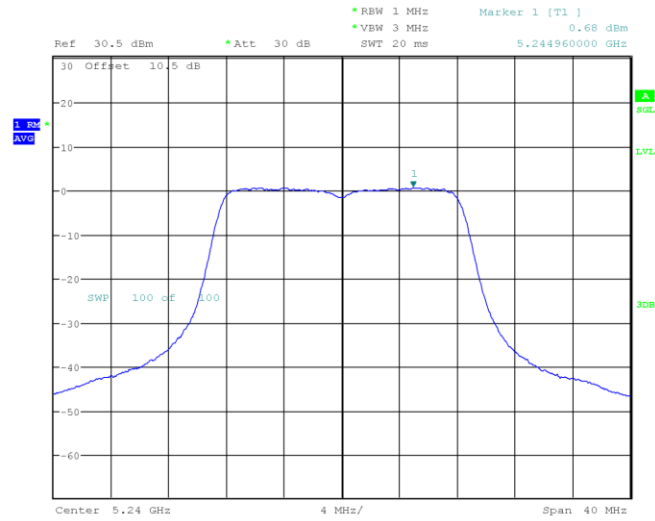
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 10:49:42

802.11a mode, Power spectral density-5200MHz



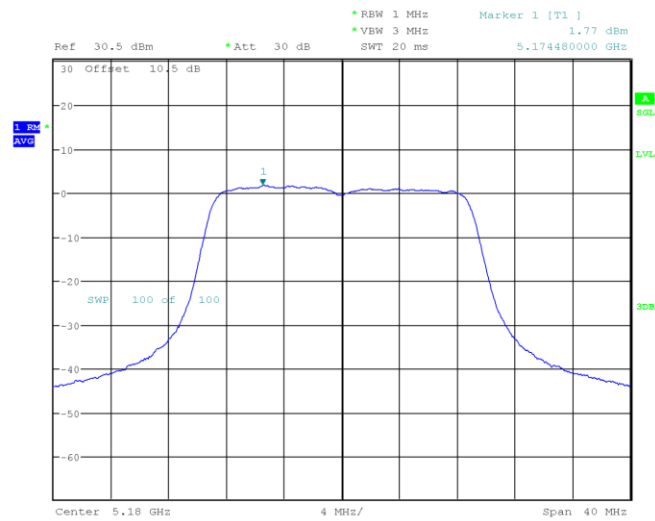
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 10:53:42

802.11a mode, Power spectral density-5240MHz



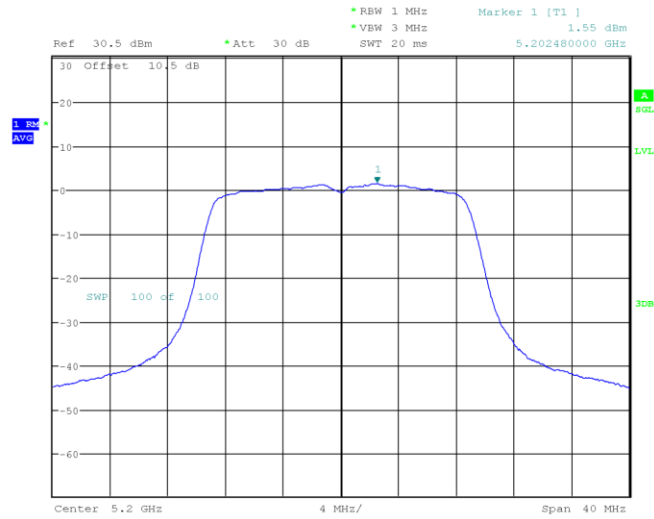
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 10:58:58

802.11n20 mode, Power spectral density-5180MHz



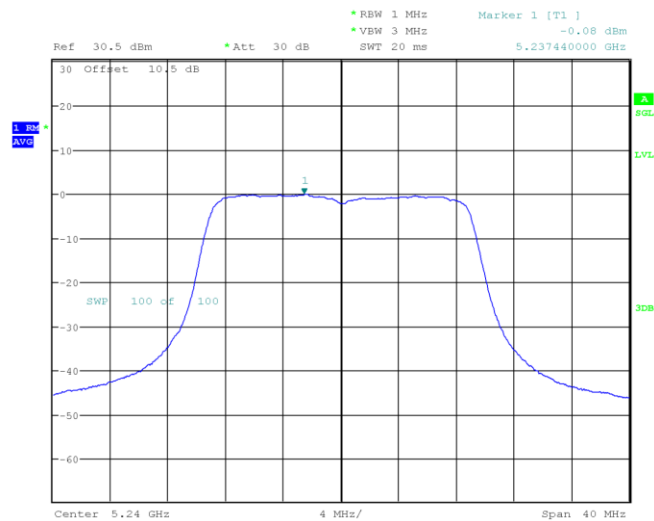
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:04:07

802.11n20 mode, Power spectral density-5200MHz



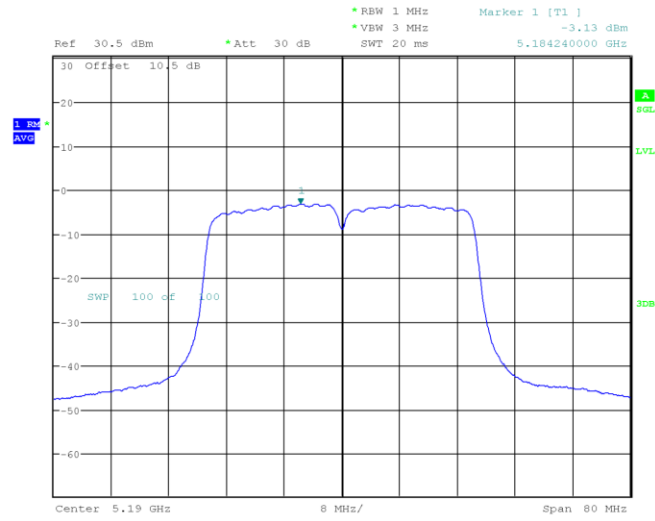
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:11:35

802.11n20 mode, Power spectral density-5240MHz



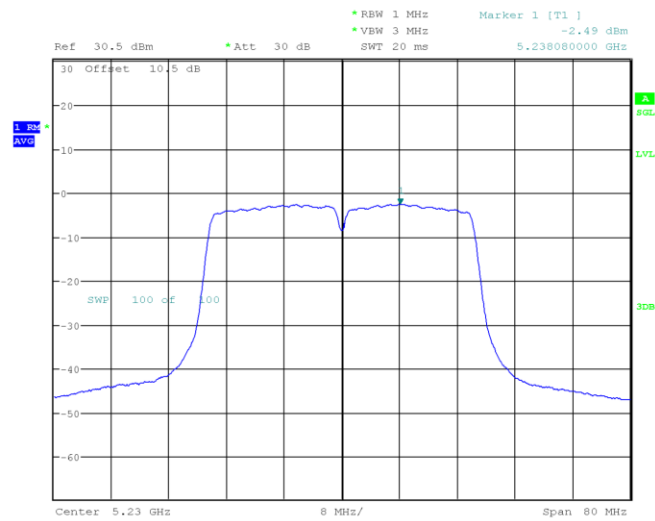
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:16:24

802.11n40 mode, Power spectral density-5190MHz



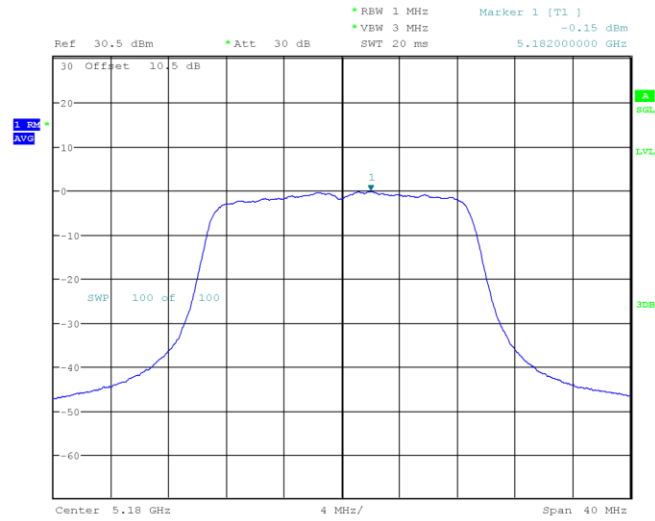
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:21:51

802.11n40 mode, Power spectral density-5230MHz



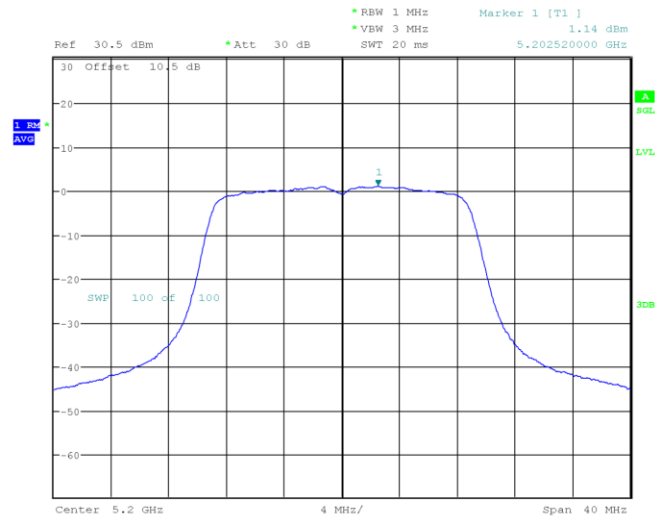
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:27:54

802.11 ac20 mode, Power spectral density-5180MHz



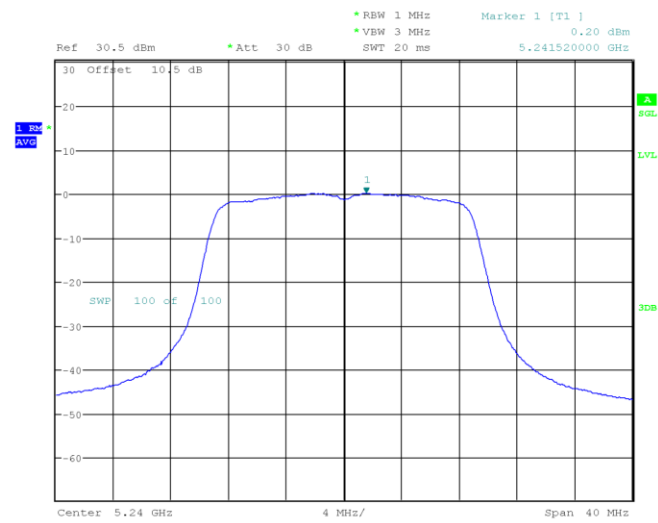
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:34:13

802.11ac20 mode, Power spectral density-5200MHz



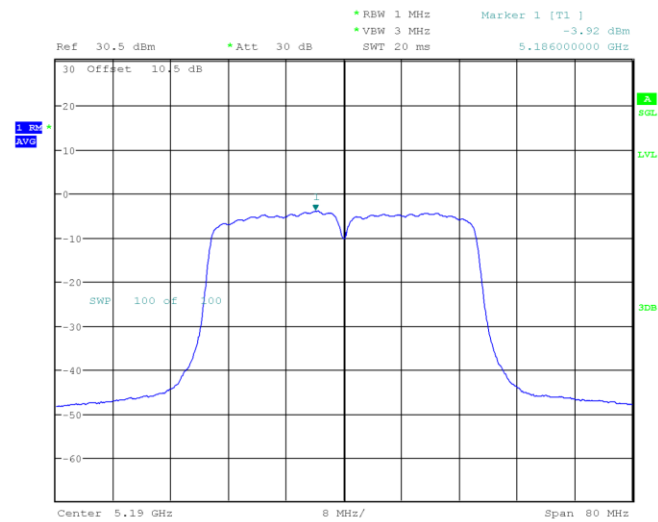
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:39:46

802.11 ac20 mode, Power spectral density-5240MHz



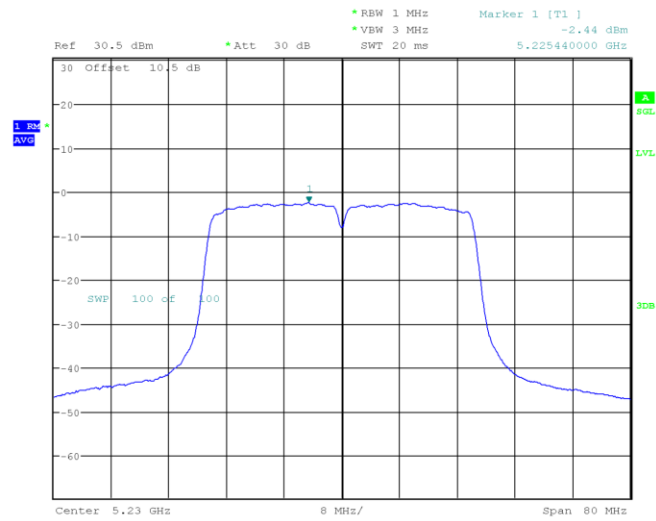
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:45:28

802.11 ac40 mode, Power spectral density-5190MHz



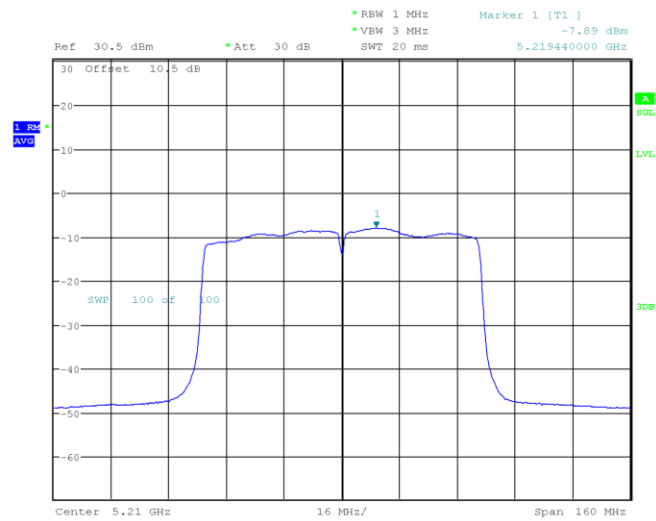
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 11:54:02

802.11 ac40 mode, Power spectral density-5230MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 12:00:45

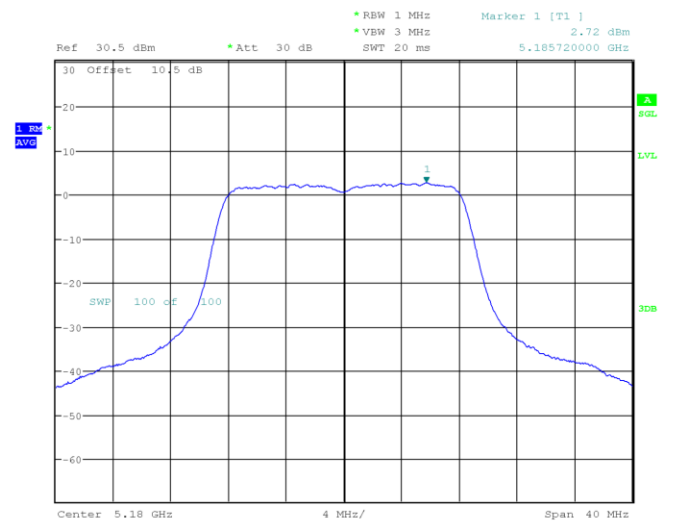
802.11 ac80 mode, Power spectral density-5210MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 13:19:01

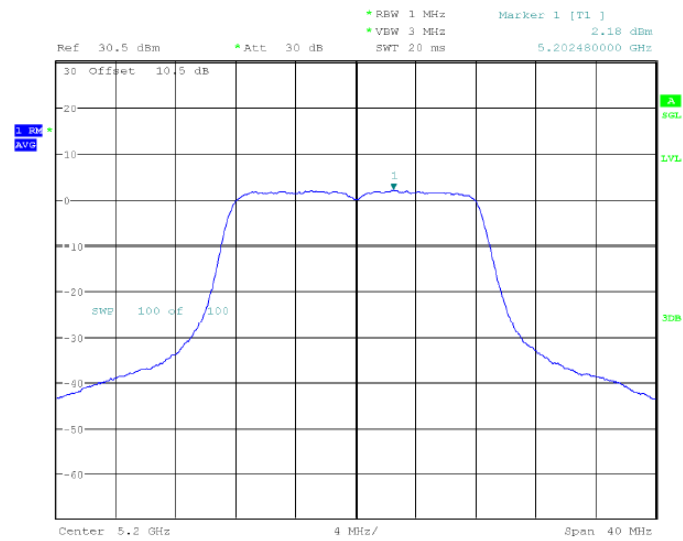
Chain 3:

802.11a mode, Power spectral density-5180MHz



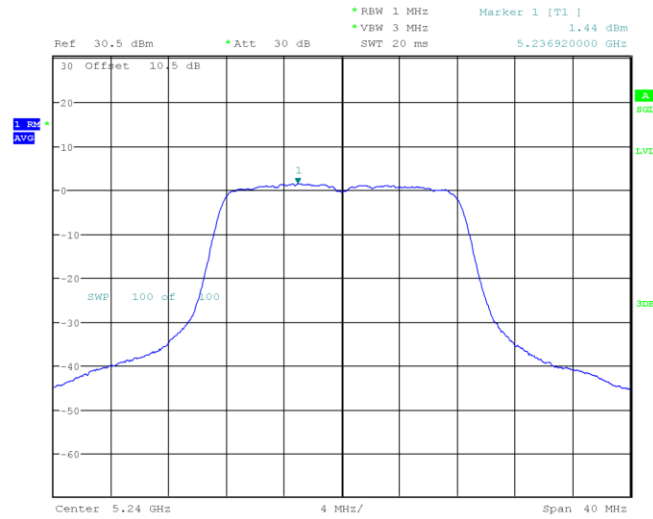
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:08:59

802.11a mode, Power spectral density-5200MHz



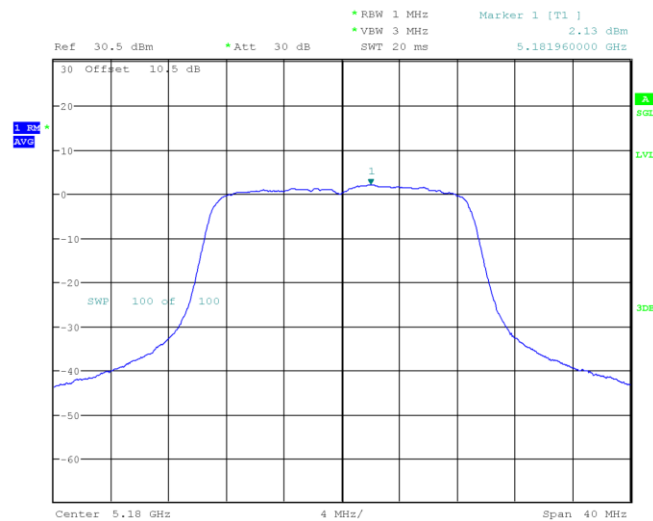
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:22:11

802.11a mode, Power spectral density-5240MHz



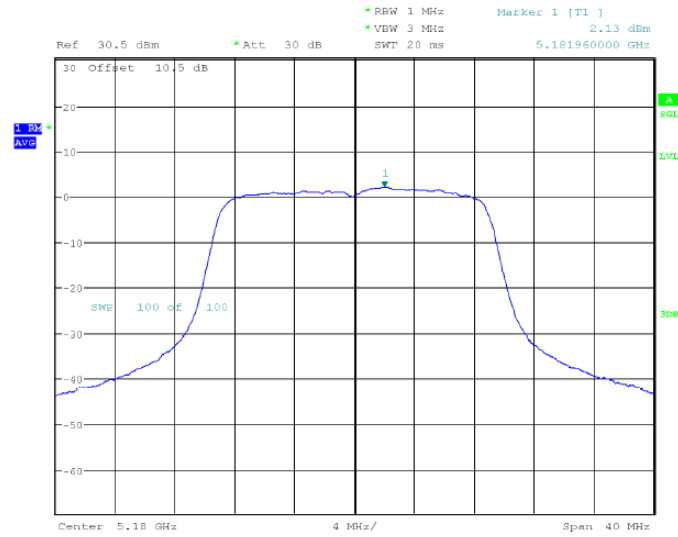
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:26:38

802.11n20 mode, Power spectral density-5180MHz



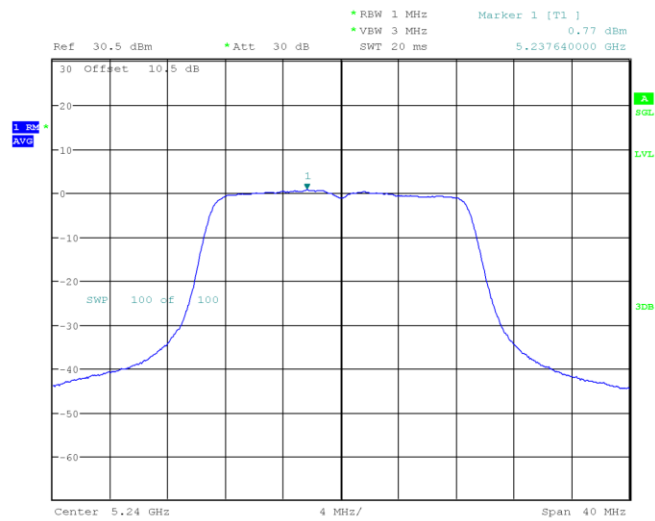
ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:45:28

802.11n20 mode, Power spectral density-5200MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 20.APR.2024 16:45:28

802.11n20 mode, Power spectral density-5240MHz



ProjectNo.:RKSA240228003 Tester:Jay Liu
Date: 30.APR.2024 16:55:08