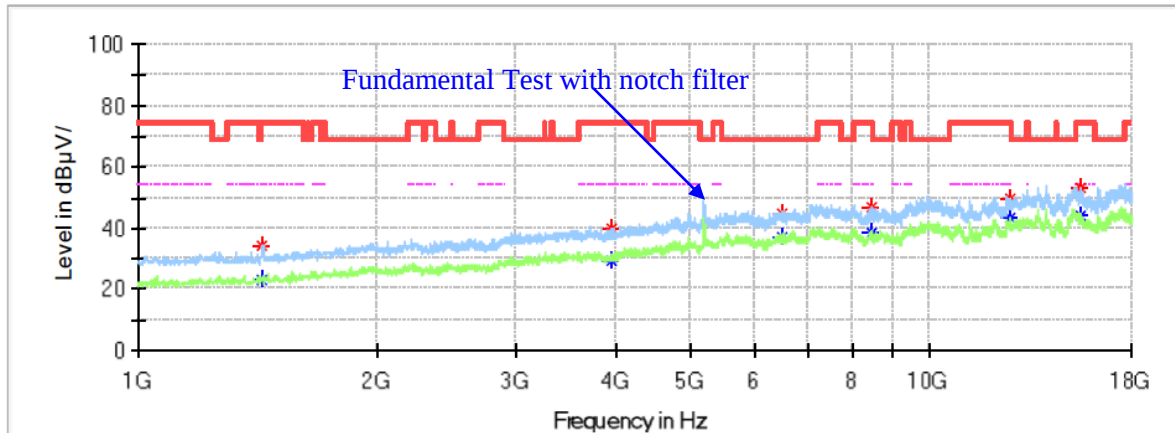


802.11ac40 Mode: (worst case)**Low Channel: 5190MHz****Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ac40 mode of low channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

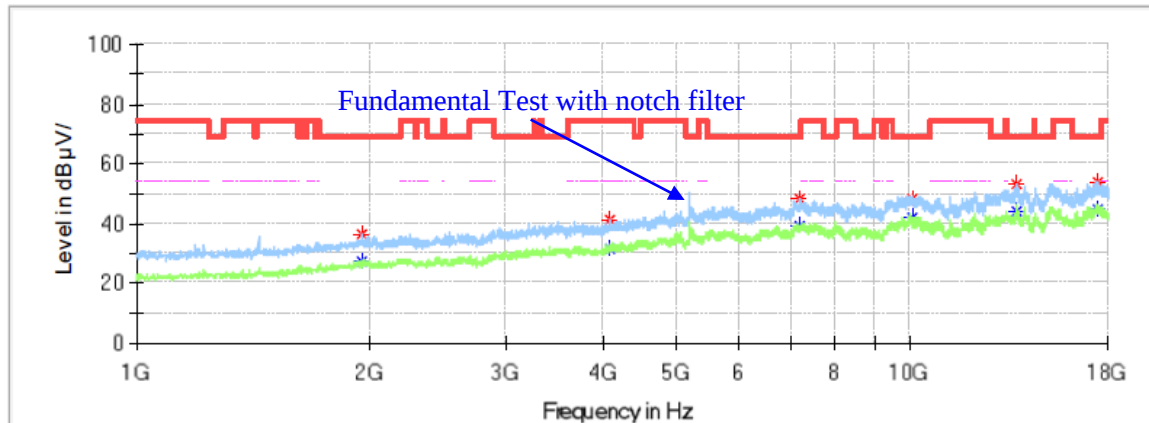


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5190MHz						
1433.500000	34.21	---	68.20	33.99	H	-14.1
3973.300000	39.75	---	74.00	34.25	H	-5.1
3973.300000	---	29.58	54.00	24.42	H	-5.1
6496.100000	44.79	---	68.20	23.41	H	0.8
8427.300000	46.82	---	74.00	27.18	H	3.9
8427.300000	---	38.26	54.00	15.74	H	3.9
12629.700000	49.40	---	74.00	24.60	H	8.6
12629.700000	---	43.49	54.00	10.51	H	8.6
15540.100000	53.12	---	74.00	20.88	H	11.5
15540.100000	---	43.80	54.00	10.20	H	11.5
15540.100000	52.74	---	74.00	21.26	V	11.5
15540.100000	---	42.89	54.00	11.11	V	11.5
High Channel: 5230MHz						
1198.900000	---	22.96	54.00	31.04	V	-14.9
1198.900000	31.72	---	74.00	42.28	V	-14.9
1938.400000	35.92	---	68.20	32.28	H	-11.0
6472.300000	47.64	---	68.20	20.56	H	0.8
9947.100000	49.57	---	68.20	18.63	H	7.6
13678.600000	52.93	---	68.20	15.27	H	10.8
17563.100000	53.81	---	68.20	14.39	H	13.4

802.11ac80 Mode: (worst case)**Channel: 5210MHz****Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac80
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

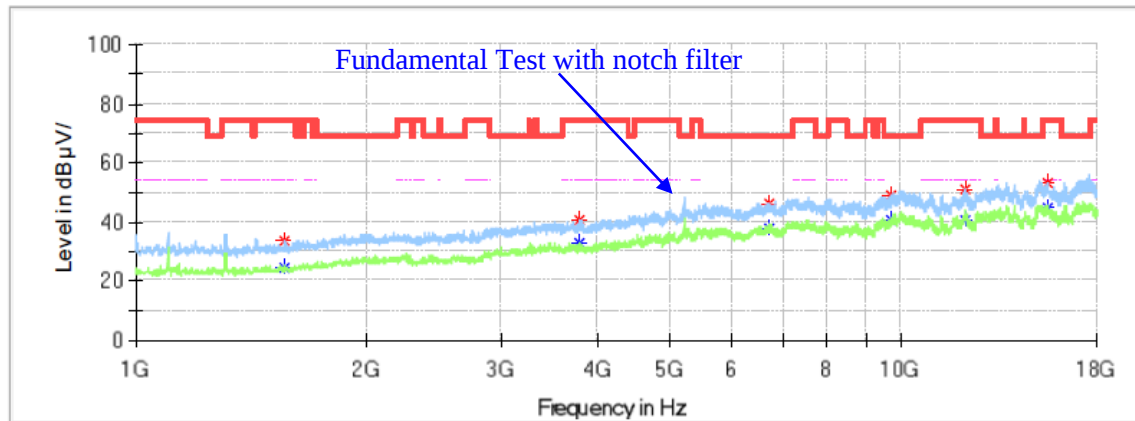


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5210MHz						
1955.400000	36.69	---	68.20	31.51	H	-10.9
4078.700000	---	31.81	54.00	22.19	H	-4.9
4078.700000	40.94	---	74.00	33.06	H	-4.9
7210.100000	48.27	---	68.20	19.93	H	4.0
10023.600000	48.37	---	68.20	19.83	H	7.8
13678.600000	53.21	---	68.20	14.99	H	10.8
17430.500000	53.96	---	68.20	14.24	H	13.4
13678.600000	53.77	---	68.20	14.43	V	10.8
17430.500000	53.14	---	68.20	15.06	V	13.4

802.11ax20 Mode: (worst case)**Middle Channel: 5200MHz****Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ax20 mode of middle channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

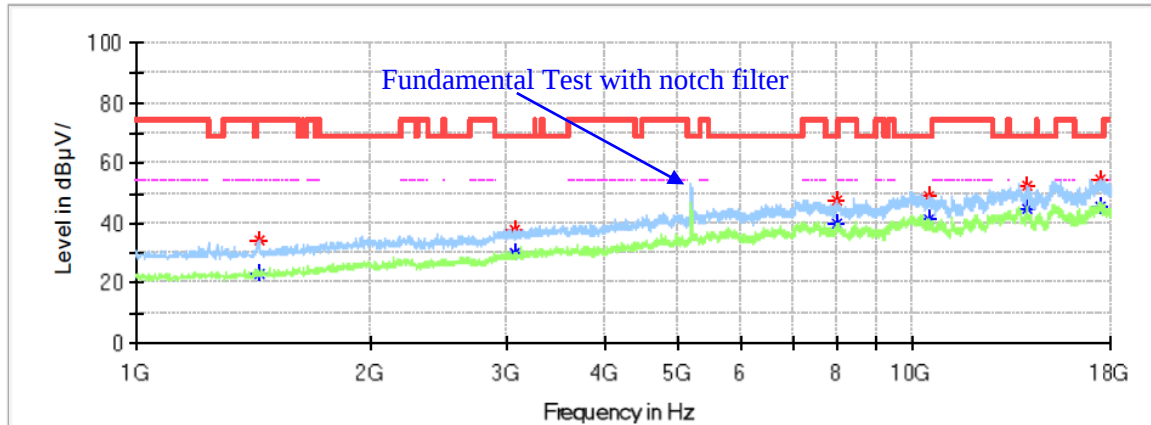


Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5180MHz						
1435.200000	---	24.30	54.00	29.70	H	-14.1
1435.200000	35.58	---	74.00	38.42	H	-14.1
3701.300000	---	32.58	54.00	21.42	V	-5.7
3701.300000	40.71	---	74.00	33.29	V	-5.7
7359.700000	---	39.15	54.00	14.85	H	4.1
7359.700000	46.78	---	74.00	27.22	H	4.1
9726.100000	50.61	---	68.20	17.59	H	6.9
14030.500000	52.58	---	68.20	15.62	H	10.4
15511.200000	---	44.01	54.00	9.99	V	11.7
15511.200000	54.04	---	74.00	19.96	V	11.7
Middle Channel: 5200MHz						
1567.800000	---	24.32	54.00	29.68	H	-13.5
1567.800000	33.31	---	74.00	40.69	H	-13.5
3786.300000	---	32.93	54.00	21.07	H	-5.5
3786.300000	40.73	---	74.00	33.27	H	-5.5
6698.400000	46.24	---	68.20	21.96	H	2.0
9700.600000	49.21	---	68.20	18.99	H	6.9
12095.900000	---	40.38	54.00	13.62	H	7.1
12095.900000	50.74	---	74.00	23.26	H	7.1
15472.100000	---	44.71	54.00	9.29	H	11.7
15472.100000	52.88	---	74.00	21.12	H	11.7
15472.100000	---	43.83	54.00	10.17	V	11.7
15472.100000	51.94	---	74.00	22.06	V	11.7
High Channel: 5240MHz						
1195.500000	---	23.41	54.00	30.59	V	-14.9
1195.500000	34.93	---	74.00	39.07	V	-14.9
2968.600000	38.54	---	68.20	29.66	H	-8.1
6729.000000	46.50	---	68.20	21.70	H	2.2
10190.200000	49.05	---	68.20	19.15	H	7.6
14001.600000	53.59	---	68.20	14.61	H	10.5
17637.900000	54.89	---	68.20	13.31	H	13.0

802.11ax40 Mode: (worst case)**Low Channel: 5190MHz****Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ax40 mode of low channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum



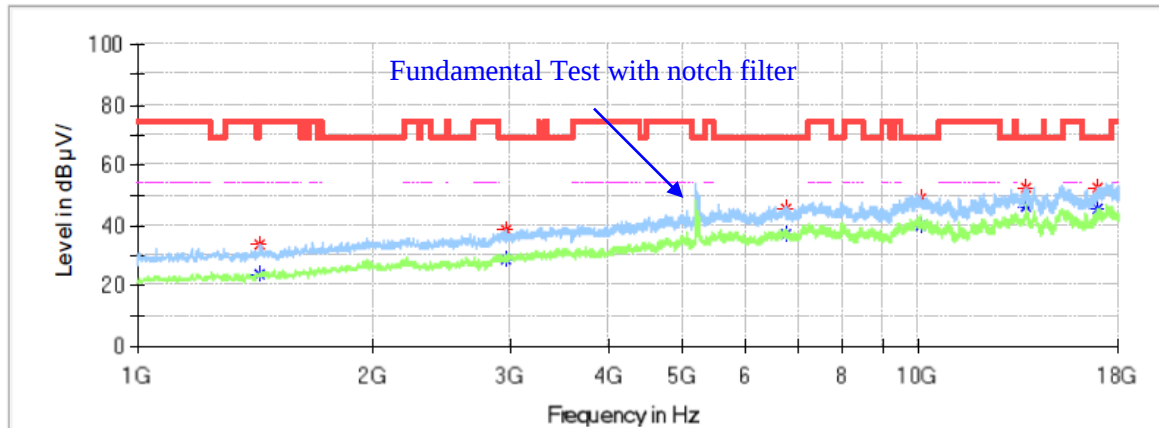
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5190MHz						
1438.600000	---	23.32	54.00	30.68	H	-14.1
1438.600000	34.44	---	74.00	39.56	H	-14.1
3063.800000	37.95	---	68.20	30.25	H	-7.8
7992.100000	47.80	---	68.20	20.40	H	3.8
10521.700000	49.19	---	68.20	19.01	H	7.2
14003.300000	52.70	---	68.20	15.50	H	10.5
17403.300000	54.56	---	68.20	13.64	H	13.4
14003.300000	54.14	---	68.20	14.06	V	10.5
17403.300000	54.07	---	68.20	14.13	V	13.4
High Channel: 5230MHz						
1600.100000	---	23.38	54.00	30.62	H	-13.3
1600.100000	33.40	---	74.00	40.60	H	-13.3
3186.200000	38.90	---	68.20	29.30	H	-7.3
7288.300000	---	38.23	54.00	15.77	V	4.0
7288.300000	48.00	---	74.00	26.00	V	4.0
10271.800000	49.51	---	68.20	18.69	V	7.5
14005.000000	52.60	---	68.20	15.60	H	10.5
17167.000000	53.14	---	68.20	15.06	H	12.8

802.11ax80 Mode: (worst case)**Channel: 5210MHz**

Common Information

Project No.: RKSA240325003
 Test Mode: 802.11ax80
 Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
 Test Engineer: Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5210MHz						
1436.900000	---	23.96	54.00	30.04	H	-14.1
1436.900000	33.44	---	74.00	40.56	H	-14.1
2958.400000	38.29	---	68.20	29.91	H	-8.2
6752.800000	45.80	---	68.20	22.40	H	2.3
10074.600000	49.22	---	68.20	18.98	H	7.7
13678.600000	52.46	---	68.20	15.74	H	10.8
16946.000000	52.79	---	68.20	15.41	H	12.1
13678.600000	52.02	---	68.20	16.18	V	10.8
16946.000000	52.44	---	68.20	15.76	V	12.1

1GHz-18GHz(5250-5350MHz Band):

Chain 0:

802.11a Mode: (worst case)**Low Channel: 5260MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11a mode of low channel

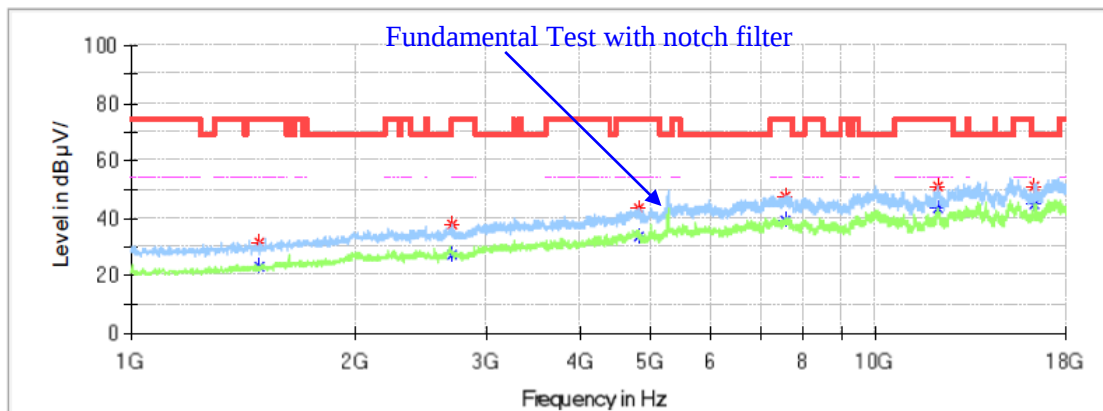
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5260MHz						
1487.900000	---	23.40	54.00	30.60	H	-14.0
1487.900000	31.72	---	74.00	42.28	H	-14.0
2700.000000	---	27.27	54.00	26.73	H	-9.1
2700.000000	37.94	---	74.00	36.06	H	-9.1
4816.500000	---	33.68	54.00	20.32	H	-2.2
4816.500000	43.04	---	74.00	30.96	H	-2.2
7560.300000	---	38.91	54.00	15.09	H	4.1
7560.300000	47.72	---	74.00	26.28	H	4.1
12128.200000	---	43.34	54.00	10.66	H	7.2
12128.200000	50.71	---	74.00	23.29	H	7.2
16301.700000	51.24	---	68.20	16.96	H	9.7
12128.200000	---	43.15	54.00	10.85	V	7.2
12128.200000	51.74	---	74.00	22.26	V	7.2
Middle Channel: 5280MHz						
1438.600000	33.07	---	74.00	40.93	H	-14.1
1438.600000	---	22.59	54.00	31.41	H	-14.1
3553.400000	40.44	---	68.20	27.76	H	-6.0
7252.600000	---	37.86	54.00	16.14	V	4.0
7252.600000	47.78	---	74.00	26.22	V	4.0
9987.900000	50.69	---	68.20	17.51	H	7.8
14001.600000	54.16	---	68.20	14.04	H	10.5
17364.200000	54.58	---	68.20	13.62	V	13.3
High Channel: 5320MHz						
1464.100000	---	22.77	54.00	31.23	V	-14.0
1464.100000	31.54	---	74.00	42.46	V	-14.0
3148.800000	38.84	---	68.20	29.36	H	-7.5
6645.700000	47.02	---	68.20	21.18	H	1.7
9998.100000	50.33	---	68.20	17.87	V	7.8
14003.300000	52.71	---	68.20	15.49	H	10.5
17634.500000	54.18	---	68.20	14.02	H	13.1

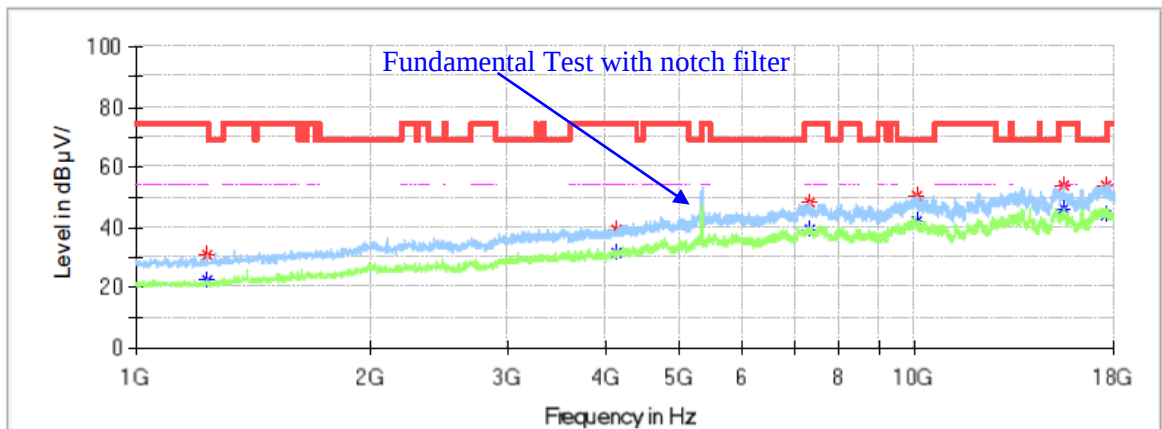
Chain 1:

802.11a Mode: (worst case)**High Channel: 5320MHz**

Common Information

Project No.:	RKSA240325003
Test Mode:	802.11a mode of high channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum



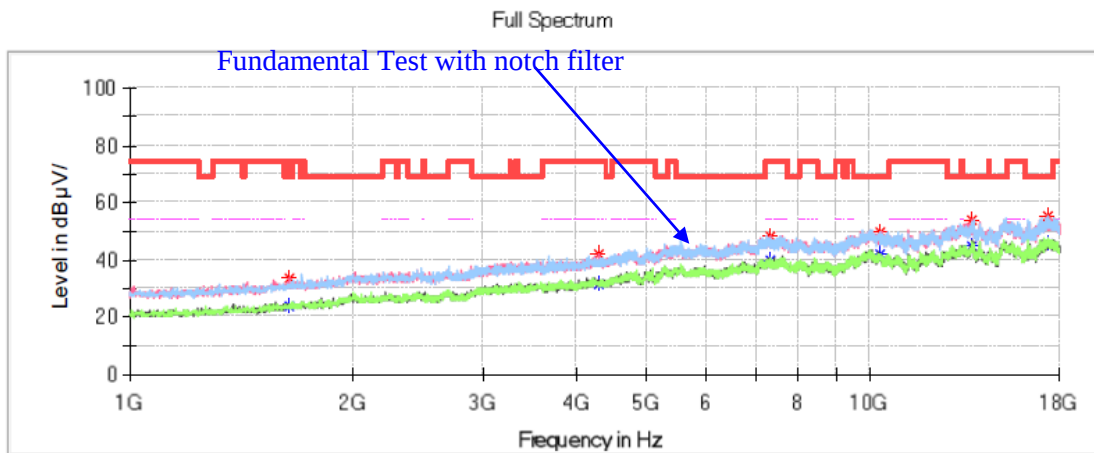
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5260MHz						
1884.000000	33.62	---	68.20	34.58	H	-11.3
2915.900000	37.18	---	68.20	31.02	H	-8.3
7089.400000	46.90	---	68.20	21.30	H	3.9
9955.600000	50.32	---	68.20	17.88	H	7.7
13386.200000	49.81	---	74.00	24.19	V	10.6
13386.200000	---	44.91	54.00	9.09	V	10.6
16973.200000	54.29	---	68.20	13.91	H	12.2
Middle Channel: 5280MHz						
1368.900000	---	21.47	54.00	32.53	V	-14.3
1368.900000	31.62	---	74.00	42.38	V	-14.3
2315.800000	---	26.99	54.00	27.01	H	-10.1
2315.800000	34.89	---	74.00	39.11	H	-10.1
7439.600000	---	38.52	54.00	15.48	V	4.1
7439.600000	47.98	---	74.00	26.02	V	4.1
9994.700000	49.66	---	68.20	18.54	H	7.8
14086.600000	52.06	---	68.20	16.14	H	10.1
16308.500000	52.00	---	68.20	16.20	H	9.7
High Channel: 5320MHz						
1232.900000	---	22.47	54.00	31.53	H	-14.8
1232.900000	30.54	---	74.00	43.46	H	-14.8
4136.500000	---	31.26	54.00	22.74	H	-4.7
4136.500000	39.51	---	74.00	34.49	H	-4.7
7312.100000	---	38.93	54.00	15.07	H	4.0
7312.100000	48.29	---	74.00	25.71	H	4.0
10016.800000	50.15	---	68.20	18.05	H	7.8
15478.900000	---	46.18	54.00	7.82	H	11.7
15478.900000	53.65	---	74.00	20.35	H	11.7
17578.400000	54.08	---	68.20	14.12	H	13.3
15478.900000	---	45.23	54.00	8.77	V	11.7
15478.900000	54.09	---	74.00	19.91	V	11.7

Chain 0+Chain 1:
802.11ac20 Mode:

Low Channel: 5260MHz

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of low channel
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

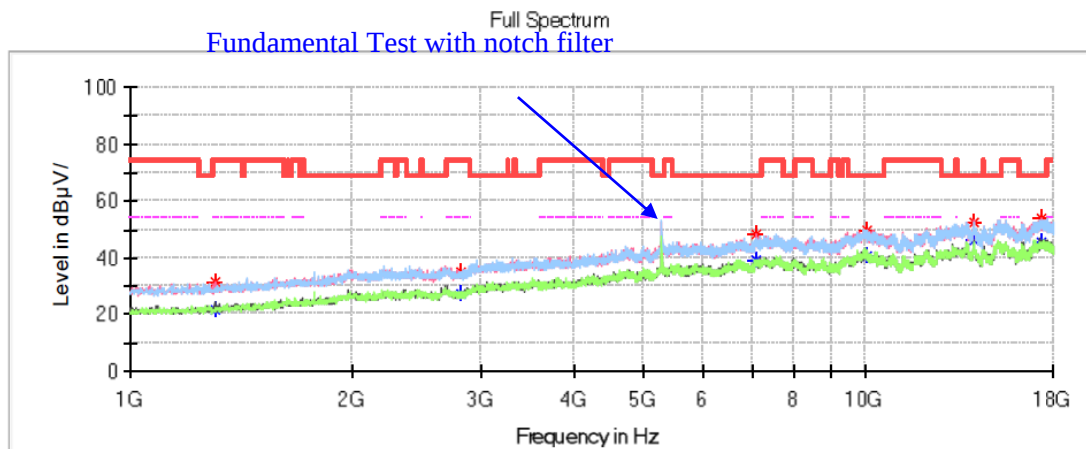


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1640.900000	33.70	---	68.20	34.50	V	-13.0
4304.800000	---	31.71	54.00	22.29	V	-4.3
4304.800000	41.66	---	74.00	32.34	V	-4.3
7308.700000	---	40.03	54.00	13.97	V	4.0
7308.700000	48.47	---	74.00	25.53	V	4.0
10293.900000	49.98	---	68.20	18.22	H	7.5
13692.200000	54.12	---	68.20	14.08	H	10.8
17384.600000	55.30	---	68.20	12.90	V	13.3

Middle Channel: 5280MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of middle channel
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

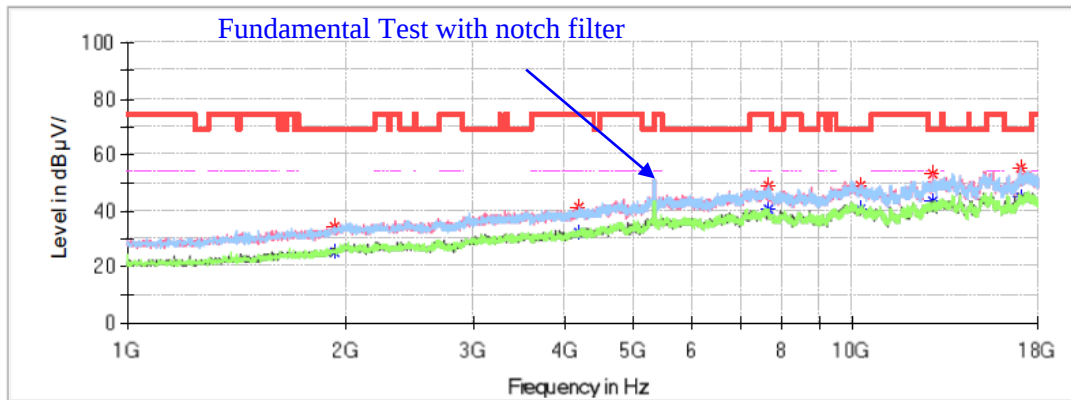
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1309.400000	---	21.50	54.00	32.50	V	-14.5
1309.400000	31.42	---	74.00	42.58	V	-14.5
2812.200000	---	27.33	54.00	26.67	H	-8.7
2812.200000	35.20	---	74.00	38.80	H	-8.7
7080.900000	48.27	---	68.20	19.93	V	3.9
10066.100000	49.83	---	68.20	18.37	V	7.7
14003.300000	52.59	---	68.20	15.61	H	10.5
17337.000000	54.04	---	68.20	14.16	V	13.2

High Channel: 5320MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of high channel
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1926.500000	34.26	---	68.20	33.94	H	-11.1
4189.200000	---	32.10	54.00	21.90	V	-4.6
4189.200000	41.54	---	74.00	32.46	V	-4.6
7624.900000	---	40.40	54.00	13.60	H	4.1
7624.900000	48.65	---	74.00	25.35	H	4.1
10219.100000	48.82	---	68.20	19.38	V	7.6
12876.200000	53.14	---	68.20	15.06	V	8.9
16985.100000	54.94	---	68.20	13.26	H	12.3

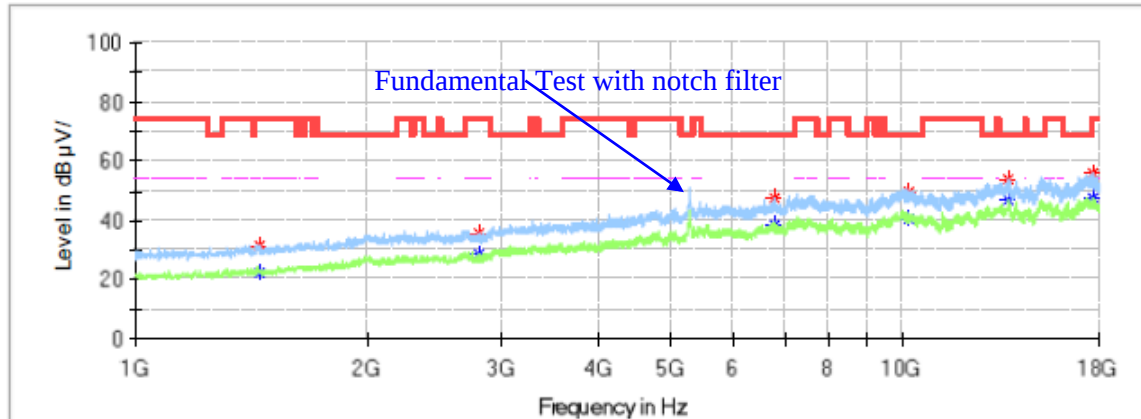
802.11ac40 Mode: (worst case)

Low Channel: 5270MHz

Common Information

Project No.:	RKSA240325003
Test Mode:	802.11ac40 mode of low channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

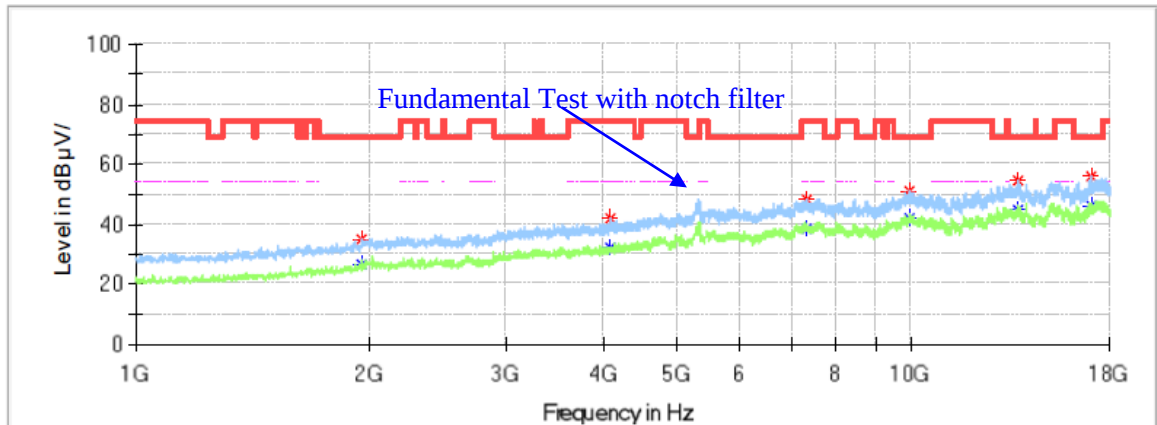


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5270MHz						
1453.900000	---	22.22	54.00	31.78	H	-14.1
1453.900000	31.20	---	74.00	42.80	H	-14.1
2807.100000	---	28.34	54.00	25.66	H	-8.7
2807.100000	35.53	---	74.00	38.47	H	-8.7
6812.300000	47.46	---	68.20	20.74	H	2.7
10203.800000	49.89	---	68.20	18.31	H	7.6
13741.500000	53.80	---	68.20	14.40	H	10.8
17626.000000	55.78	---	68.20	12.42	H	13.1
13741.500000	52.17	---	68.20	16.03	V	10.8
17626.000000	52.85	---	68.20	15.35	V	13.1
High Channel: 5310MHz						
1547.400000	---	23.59	54.00	30.41	H	-13.6
1547.400000	33.51	---	74.00	40.49	H	-13.6
4260.600000	---	31.81	54.00	22.19	V	-4.4
4260.600000	42.05	---	74.00	31.95	V	-4.4
7405.600000	---	38.19	54.00	15.81	V	4.1
7405.600000	48.45	---	74.00	25.55	V	4.1
9923.300000	50.94	---	68.20	17.26	H	7.6
14010.100000	53.07	---	68.20	15.13	H	10.5
17646.400000	55.67	---	68.20	12.53	H	13.0

802.11ac80 Mode: (worst case)**Channel: 5290MHz****Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac80
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5290MHz						
1953.700000	35.21	---	68.20	32.99	H	-10.9
4094.000000	---	31.99	54.00	22.01	H	-4.8
4094.000000	41.70	---	74.00	32.30	H	-4.8
7334.200000	---	38.80	54.00	15.20	H	4.1
7334.200000	48.02	---	74.00	25.98	H	4.1
9938.600000	50.79	---	68.20	17.41	H	7.6
13682.000000	54.20	---	68.20	14.00	H	10.8
17029.300000	55.68	---	68.20	12.52	H	12.4
13682.000000	54.12	---	68.20	14.08	V	10.8
17029.300000	55.06	---	68.20	13.14	V	12.4

802.11ax20 Mode: (worst case)**High Channel: 5320MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ax20 mode of high channel

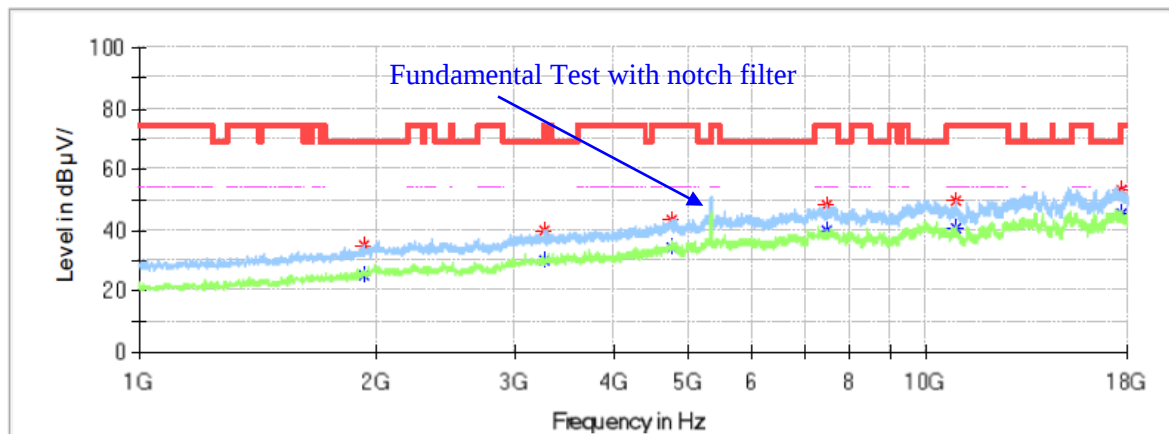
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5260MHz						
1236.300000	---	21.28	54.00	32.72	H	-14.8
1236.300000	30.04	---	74.00	43.96	H	-14.8
2246.100000	36.35	---	74.00	37.65	V	-10.2
2247.800000	---	28.14	54.00	25.86	V	-10.2
3560.200000	40.34	---	68.20	27.86	H	-6.0
7293.400000	---	39.25	54.00	14.75	V	4.0
7293.400000	48.04	---	74.00	25.96	V	4.0
10020.200000	51.01	---	68.20	17.19	H	7.8
14001.600000	52.55	---	68.20	15.65	H	10.5
Middle Channel: 5280MHz						
1550.800000	---	23.64	54.00	30.36	H	-13.6
1550.800000	32.54	---	74.00	41.46	H	-13.6
2864.900000	---	26.99	54.00	27.01	V	-8.5
2864.900000	37.00	---	74.00	37.00	V	-8.5
4632.900000	---	32.53	54.00	21.47	H	-3.1
4632.900000	42.48	---	74.00	31.52	H	-3.1
7619.800000	---	37.48	54.00	16.52	H	4.1
7619.800000	48.06	---	74.00	25.94	H	4.1
14003.300000	53.54	---	68.20	14.66	H	10.5
17673.600000	54.23	---	68.20	13.97	V	12.9
High Channel: 5320MHz						
1933.300000	34.78	---	68.20	33.42	H	-11.0
3267.800000	40.02	---	68.20	28.18	H	-7.0
4733.200000	---	34.01	54.00	19.99	H	-2.6
4733.200000	43.50	---	74.00	30.50	H	-2.6
7448.100000	---	39.56	54.00	14.44	H	4.1
7448.100000	47.99	---	74.00	26.01	H	4.1
10868.500000	---	40.37	54.00	13.63	H	6.6
10868.500000	49.53	---	74.00	24.47	H	6.6
17636.200000	53.31	---	68.20	14.89	H	13.1
10868.500000	---	39.85	54.00	14.15	V	6.6
10868.500000	50.43	---	74.00	23.57	V	6.6

802.11ax40 Mode: (worst case)**Low Channel: 5270MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

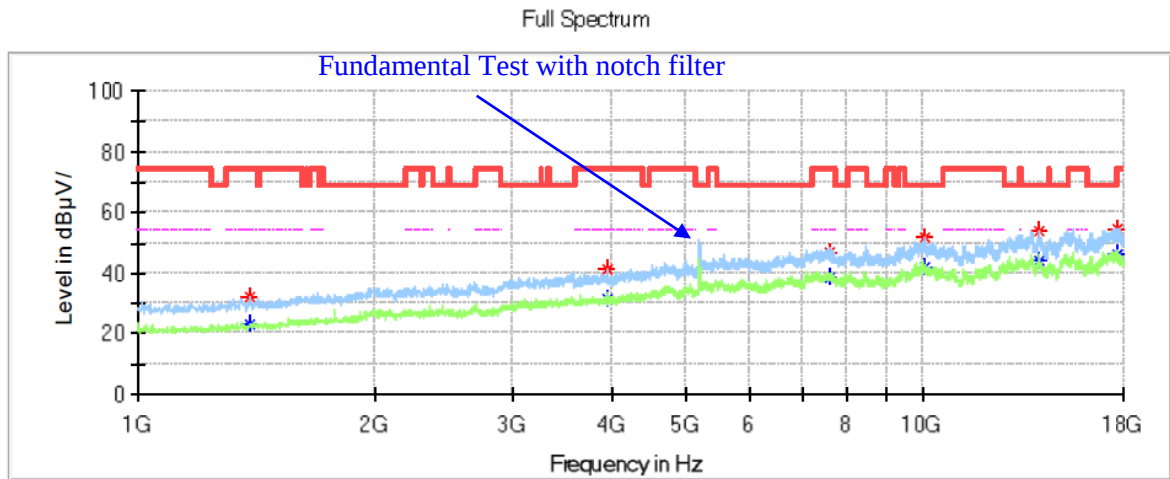
802.11ax40 mode of low channel

Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

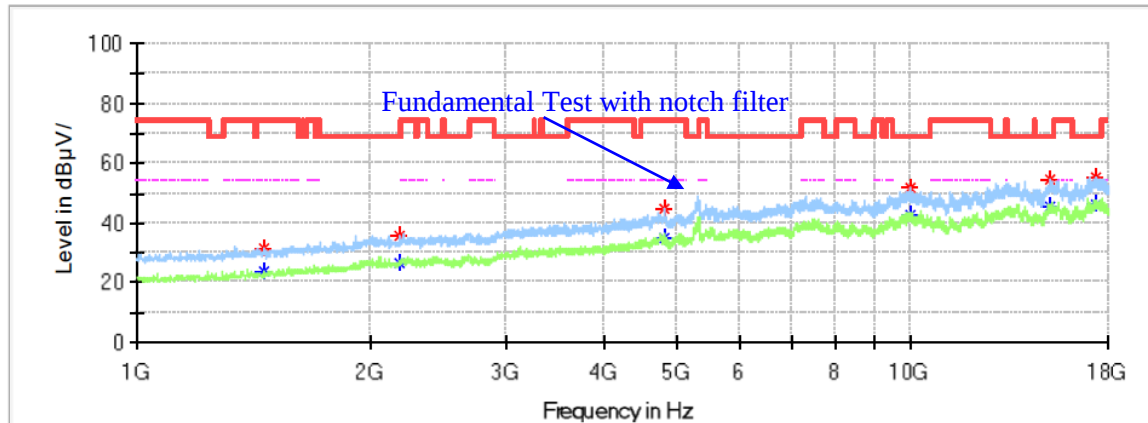


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5270MHz						
1389.300000	32.16	---	74.00	41.84	H	-14.3
1389.300000	---	23.18	54.00	30.82	H	-14.3
3956.300000	41.09	---	74.00	32.91	H	-5.1
3956.300000	---	31.55	54.00	22.45	H	-5.1
7619.800000	47.12	---	74.00	26.88	H	4.1
7619.800000	---	38.71	54.00	15.29	H	4.1
10025.300000	51.55	---	68.20	16.65	H	7.8
14003.300000	53.94	---	68.20	14.26	H	10.5
17644.700000	54.83	---	68.20	13.37	H	13.0
14003.300000	53.76	---	68.20	14.44	V	10.5
17644.700000	54.57	---	68.20	13.63	V	13.0
High Channel: 5310MHz						
1724.200000	33.53	---	68.20	34.67	H	-12.4
3978.400000	---	31.96	54.00	22.04	V	-5.1
3978.400000	39.71	---	74.00	34.29	V	-5.1
7373.300000	---	37.34	54.00	16.66	H	4.1
7373.300000	47.25	---	74.00	26.75	H	4.1
9960.700000	51.20	---	68.20	17.00	H	7.7
12876.200000	52.79	---	68.20	15.41	V	8.9
16317.000000	53.41	---	68.20	14.79	H	9.7

802.11ax80 Mode: (worst case)**Channel: 5290MHz****Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax80
Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5290MHz						
1462.400000	31.14	---	74.00	42.86	H	-14.0
1462.400000	---	23.74	54.00	30.26	H	-14.0
2179.800000	35.35	---	68.20	32.85	H	-10.3
4806.300000	---	35.03	54.00	18.97	H	-2.2
4806.300000	44.60	---	74.00	29.40	H	-2.2
10013.400000	51.63	---	68.20	16.57	H	7.8
15138.900000	54.75	---	68.20	13.45	H	10.6
17391.400000	55.53	---	68.20	12.67	H	13.3
15138.900000	54.23	---	68.20	13.97	V	10.6
17391.400000	54.85	---	68.20	13.35	V	13.3

1GHz-18GHz(5470-5725MHz Band):

Chain 0:

802.11a Mode:**Low Channel: 5500MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11a mode of low channel

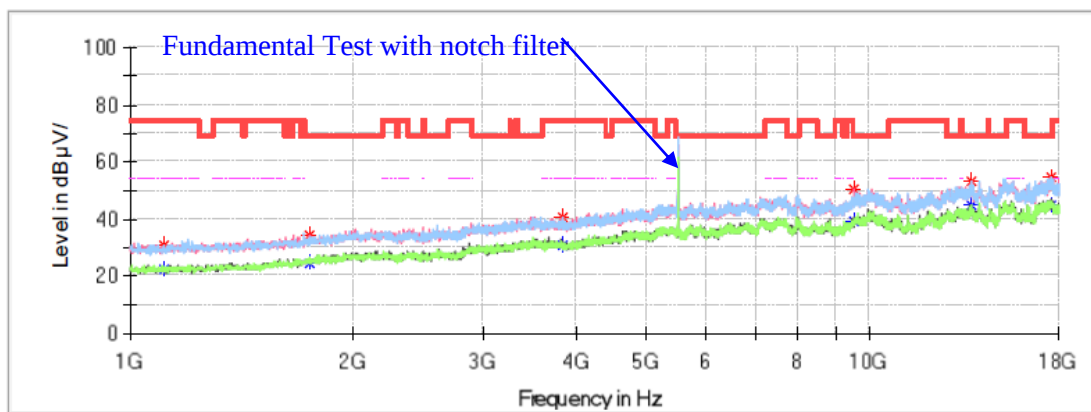
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

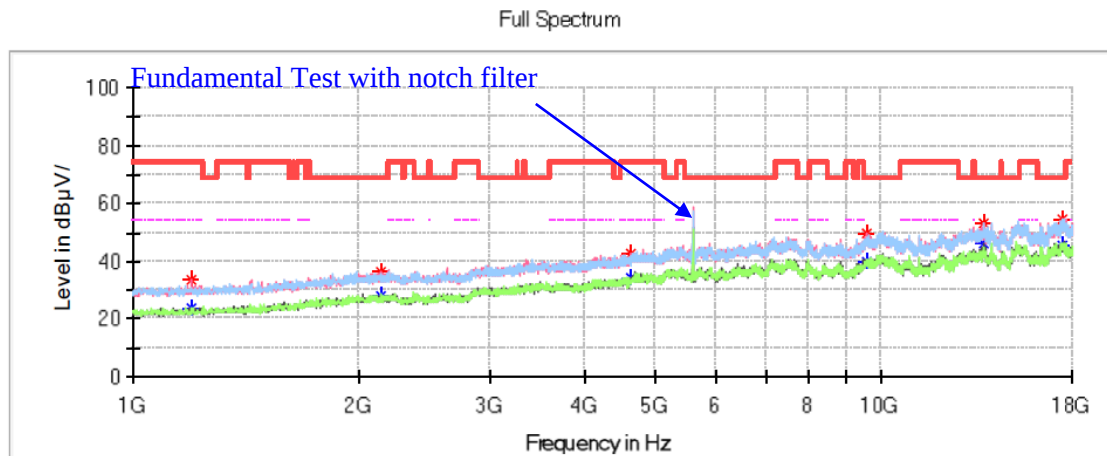
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1108.800000	---	22.38	54.00	31.62	V	-15.2
1108.800000	30.93	---	74.00	43.07	V	-15.2
1751.400000	34.61	---	68.20	33.59	H	-12.2
3850.900000	---	30.44	54.00	23.56	V	-5.4
3850.900000	40.21	---	74.00	33.79	V	-5.4
9489.800000	---	39.47	54.00	14.53	V	6.2
9489.800000	50.34	---	74.00	23.66	V	6.2
13682.000000	52.89	---	68.20	15.31	V	10.8
17598.800000	54.80	---	68.20	13.40	V	13.2

Middle Channel: 5580MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11a mode of middle channel
Standard: FCC Part 15.20 5& FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

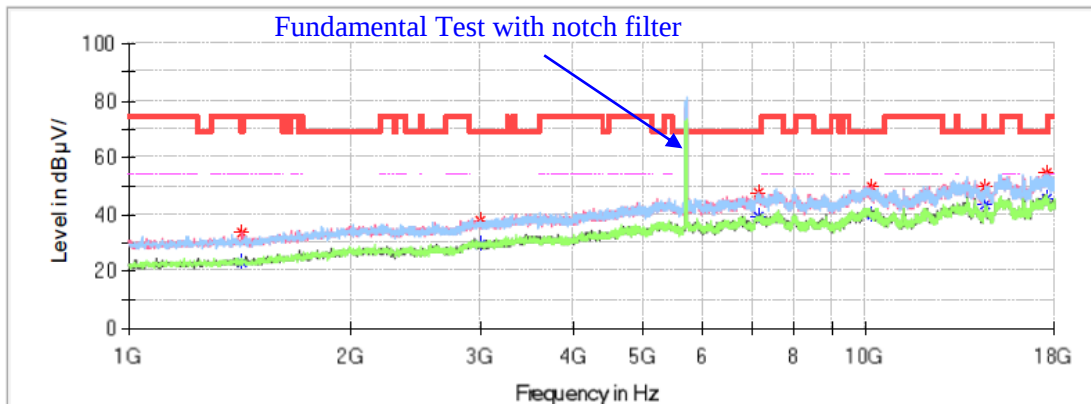
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1195.500000	---	23.91	54.00	30.09	V	-14.9
1195.500000	33.63	---	74.00	40.37	V	-14.9
2147.500000	36.33	---	68.20	31.87	V	-10.3
4629.500000	---	34.03	54.00	19.97	V	-3.1
4629.500000	42.81	---	74.00	31.19	V	-3.1
9559.500000	49.38	---	68.20	18.82	V	6.4
13678.600000	53.24	---	68.20	14.96	H	10.8
17401.600000	54.59	---	68.20	13.61	H	13.4

High Channel: 5700MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1428.400000	33.44	---	68.20	34.76	V	-14.2
2995.800000	38.05	---	68.20	30.15	H	-8.0
7145.500000	47.72	---	68.20	20.48	H	3.9
10146.000000	49.80	---	68.20	18.40	V	7.7
14489.500000	49.45	---	74.00	24.55	V	8.2
14489.500000	---	43.40	54.00	10.60	V	8.2
17609.000000	54.39	---	68.20	13.81	V	13.2

Chain 1:

802.11a Mode: (worst case)

Low channel: 5500 MHz

Common Information

Project No.:

RKSA240325003

Test Mode:

802.11a mode of low channel

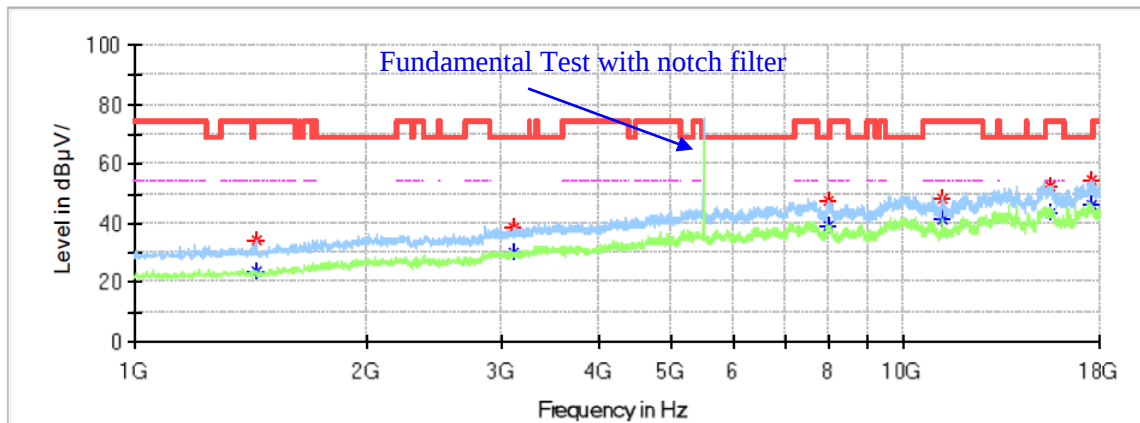
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low channel: 5500 MHz						
1438.600000	---	23.63	54.00	30.37	H	-14.1
1438.600000	34.30	---	74.00	39.70	H	-14.1
3113.100000	38.34	---	68.20	29.86	H	-7.6
7993.800000	47.84	---	68.20	20.36	H	3.8
11201.700000	---	41.29	54.00	12.71	H	6.7
11201.700000	47.96	---	74.00	26.04	H	6.7
15490.800000	---	43.31	54.00	10.69	H	11.7
15490.800000	52.39	---	74.00	21.61	H	11.7
17547.800000	54.73	---	68.20	13.47	H	13.4
15490.800000	---	42.98	54.00	11.02	V	11.7
15490.800000	54.37	---	74.00	19.63	V	11.7
Middle channel: 5580 MHz						
1379.100000	---	23.04	54.00	30.96	H	-14.3
1379.100000	32.77	---	74.00	41.23	H	-14.3
3002.600000	37.77	---	68.20	30.43	V	-8.0
7174.400000	48.25	---	68.20	19.95	H	3.9
10860.000000	49.62	---	74.00	24.38	V	6.6
10860.000000	---	39.08	54.00	14.92	V	6.6
14008.400000	52.74	---	68.20	15.46	H	10.5
17581.800000	50.65	---	68.20	17.55	H	13.3
High channel: 5700 MHz						
1241.400000	31.34	---	68.20	36.86	H	-14.8
3675.800000	---	30.99	54.00	23.01	V	-5.7
3675.800000	39.64	---	74.00	34.36	V	-5.7
7077.500000	46.63	---	68.20	21.57	H	3.9
10025.300000	51.17	---	68.20	17.03	H	7.8
14006.700000	53.32	---	68.20	14.88	V	10.5
17539.300000	54.17	---	68.20	14.03	H	13.5

Chain 0+Chain 1:

802.11ac20 Mode: (worst case)**High Channel: 5700MHz**

Common Information

Project No.:

RKSA240325003

Test Mode:

802.11ac20 mode of high channel

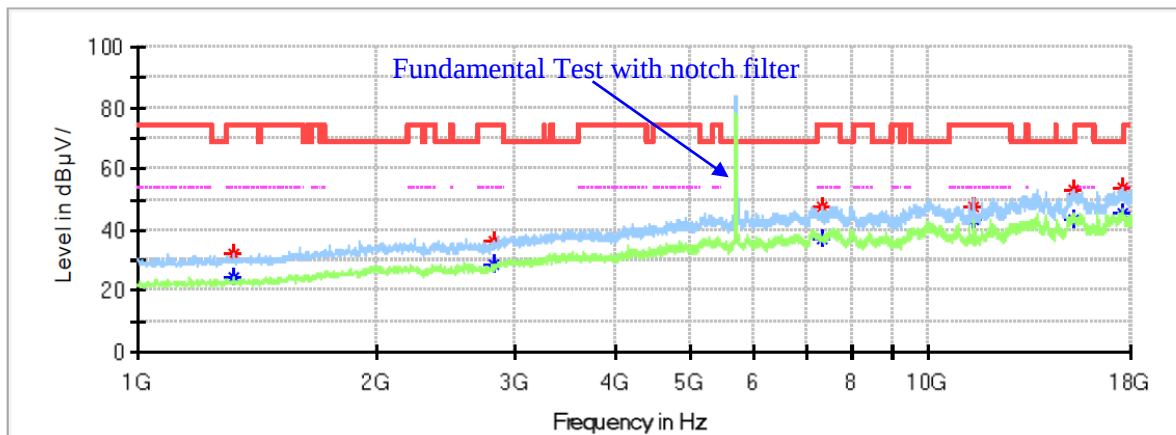
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



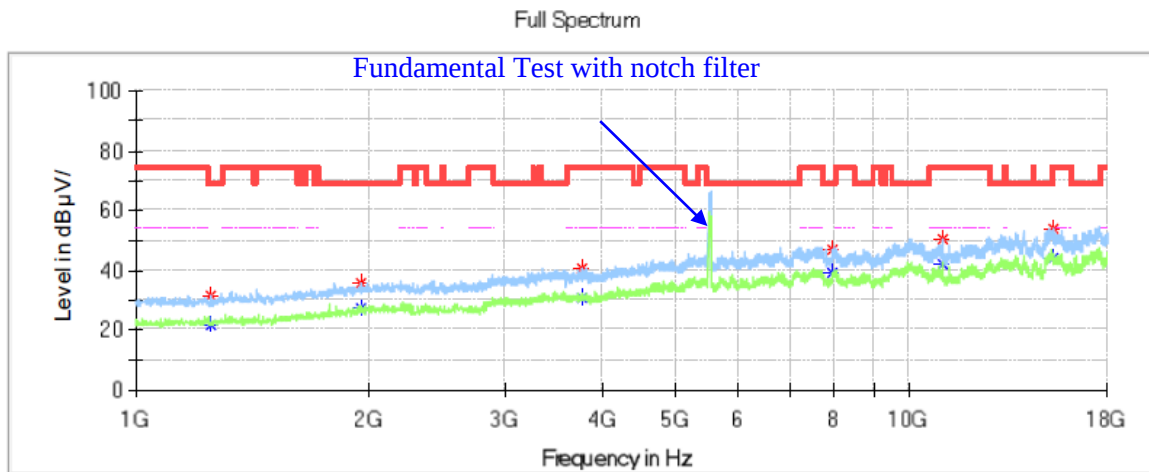
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5500MHz						
1156.400000	---	21.57	54.00	32.43	V	-15.0
1156.400000	31.31	---	74.00	42.69	V	-15.0
3526.200000	39.79	---	68.20	28.41	H	-6.1
7985.300000	47.65	---	68.20	20.55	H	3.8
10044.000000	49.19	---	68.20	19.01	H	7.8
14001.600000	51.52	---	68.20	16.68	V	10.5
17559.700000	54.19	---	68.20	14.01	H	13.4
Middle Channel: 5580MHz						
1217.600000	32.49	---	74.00	41.51	V	-14.8
1217.600000	---	23.50	54.00	30.50	V	-14.8
2079.500000	36.60	---	68.20	31.60	H	-10.4
4350.700000	42.03	---	74.00	31.97	V	-4.2
4350.700000	---	31.47	54.00	22.53	V	-4.2
7992.100000	45.75	---	68.20	22.45	H	3.8
11203.400000	49.53	---	74.00	24.47	H	6.7
11203.400000	---	40.79	54.00	13.21	H	6.7
16092.600000	49.12	---	74.00	24.88	H	9.1
16092.600000	---	42.95	54.00	11.05	H	9.1
High Channel: 5700MHz						
1319.600000	---	24.45	54.00	29.55	H	-14.5
1319.600000	32.24	---	74.00	41.76	H	-14.5
2824.100000	---	28.85	54.00	25.15	H	-8.6
2824.100000	36.24	---	74.00	37.76	H	-8.6
7342.700000	---	37.24	54.00	16.76	H	4.1
7342.700000	47.46	---	74.00	26.54	H	4.1
11402.300000	47.73	---	74.00	26.27	H	7.1
11402.300000	---	43.26	54.00	10.74	H	7.1
15184.800000	53.47	---	68.20	14.73	H	10.7
17595.400000	54.02	---	68.20	14.18	H	13.2
11402.300000	47.54	---	74.00	26.46	V	7.1
11402.300000	---	42.56	54.00	11.44	V	7.1

802.11ac40 Mode: (worst case)

Low Channel: 5510MHz

Common Information

Project No.:	RKSA240325003
Test Mode:	802.11ac40 mode of low channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5510MHz						
1248.200000	31.82	---	68.20	36.38	H	-14.7
1950.300000	35.96	---	68.20	32.24	H	-10.9
3765.900000	---	30.43	54.00	23.57	H	-5.5
3765.900000	40.31	---	74.00	33.69	H	-5.5
7953.000000	47.00	---	68.20	21.20	H	3.9
11024.900000	---	42.23	54.00	11.77	H	6.4
11024.900000	50.42	---	74.00	23.58	H	6.4
15288.500000	53.91	---	68.20	14.29	H	11.1
11024.900000	---	41.94	54.00	12.06	V	6.4
11024.900000	53.45	---	74.00	20.55	V	6.4
Middle Channel: 5550MHz						
1348.500000	---	22.36	54.00	31.64	H	-14.4
1348.500000	30.46	---	74.00	43.54	H	-14.4
2739.100000	---	27.28	54.00	26.72	V	-8.9
2739.100000	34.72	---	74.00	39.28	V	-8.9
4100.800000	---	30.87	54.00	23.13	H	-4.8
4100.800000	39.79	---	74.00	34.21	H	-4.8
7160.800000	46.31	---	68.20	21.89	V	3.9
9925.000000	49.98	---	68.20	18.22	H	7.6
14016.900000	52.66	---	68.20	15.54	H	10.4
High Channel: 5670MHz						
1501.500000	---	24.26	54.00	29.74	H	-13.9
1501.500000	33.42	---	74.00	40.58	H	-13.9
3136.900000	37.87	---	68.20	30.33	V	-7.5
5217.700000	45.25	---	68.20	22.95	H	-0.3
8398.400000	---	37.72	54.00	16.28	V	3.9
8398.400000	47.68	---	74.00	26.32	V	3.9
13687.100000	53.34	---	68.20	14.86	H	10.8
17602.200000	55.71	---	68.20	12.49	H	13.2

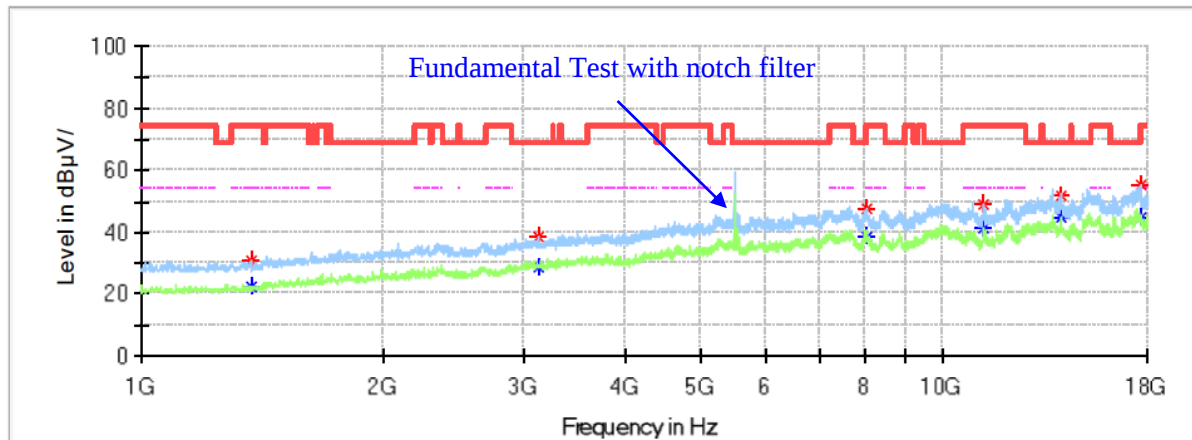
802.11ac80 Mode: (worst case)

Low Channel: 5530MHz

Common Information

Project No.: RKSA240325003
 Test Mode: 802.11ac80 mode of low channel
 Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
 Test Engineer: Hugh Wu

Full Spectrum

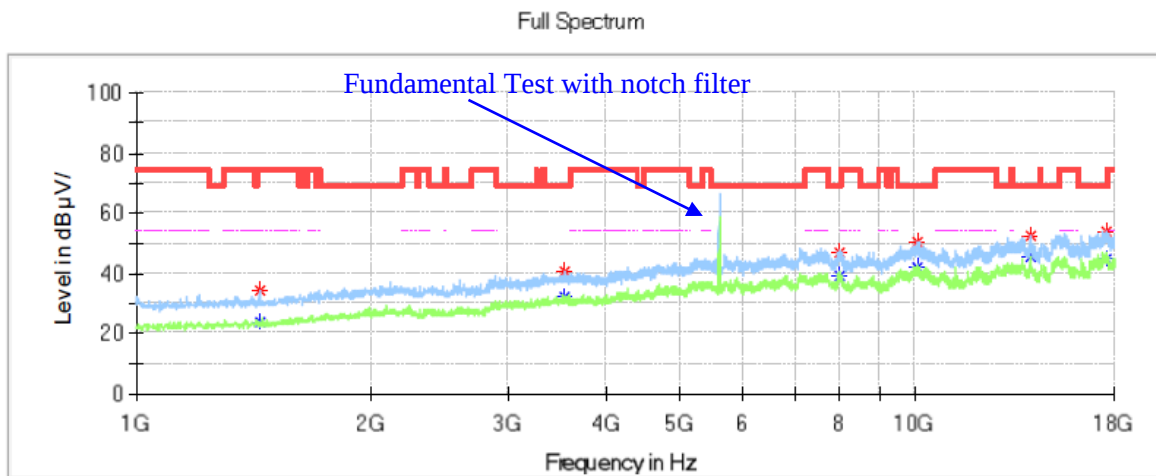


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5530MHz						
1368.900000	---	22.35	54.00	31.65	H	-14.3
1368.900000	30.48	---	74.00	43.52	H	-14.3
3136.900000	38.78	---	68.20	29.42	H	-7.5
8021.000000	47.46	---	68.20	20.74	H	3.8
11201.700000	---	41.60	54.00	12.40	H	6.7
11201.700000	48.76	---	74.00	25.24	H	6.7
14001.600000	51.64	---	68.20	16.56	H	10.5
17617.500000	55.04	---	68.20	13.16	H	13.1
11201.700000	---	40.89	54.00	13.11	V	6.7
11201.700000	49.74	---	74.00	24.26	V	6.7
High Channel: 5610MHz						
1345.100000	---	22.94	54.00	31.06	H	-14.4
1345.100000	30.15	---	74.00	43.85	H	-14.4
6655.900000	45.89	---	68.20	22.31	H	1.8
8022.700000	46.64	---	68.20	21.56	H	3.8
11201.700000	---	41.19	54.00	12.81	H	6.7
11201.700000	48.30	---	74.00	25.70	H	6.7
14001.600000	51.76	---	68.20	16.44	H	10.5
17546.100000	53.74	---	68.20	14.46	H	13.4

802.11ax20 Mode: (worst case)**Middle Channel: 5580MHz**

Common Information

Project No.:	RKSA240325003
Test Mode:	802.11ax20 mode of middle channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

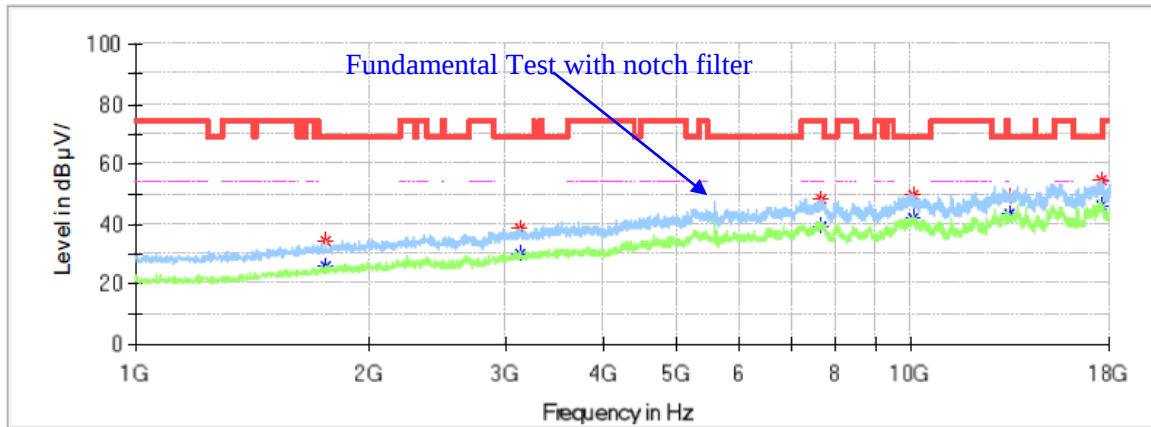


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5500MHz						
1144.500000	---	22.66	54.00	31.34	H	-15.1
1144.500000	31.75	---	74.00	42.25	H	-15.1
3024.700000	37.49	---	68.20	30.71	H	-7.9
7475.300000	---	38.63	54.00	15.37	V	4.2
7475.300000	48.10	---	74.00	25.90	V	4.2
10110.300000	49.21	---	68.20	18.99	H	7.7
14008.400000	53.36	---	68.20	14.84	H	10.5
17520.600000	53.61	---	68.20	14.59	V	13.5
Middle Channel: 5580MHz						
1438.600000	---	24.03	54.00	29.97	H	-14.1
1438.600000	34.08	---	74.00	39.92	H	-14.1
3543.200000	40.30	---	68.20	27.90	H	-6.0
7995.500000	47.16	---	68.20	21.04	H	3.8
10025.300000	50.68	---	68.20	17.52	H	7.8
14001.600000	52.79	---	68.20	15.41	H	10.5
17556.300000	53.85	---	68.20	14.35	H	13.4
14001.600000	52.57	---	68.20	15.63	V	10.5
17556.300000	53.04	---	68.20	15.16	V	13.4
High Channel: 5700MHz						
1440.300000	---	23.55	54.00	30.45	H	-14.1
1440.300000	31.69	---	74.00	42.31	H	-14.1
3393.600000	40.05	---	68.20	28.15	V	-6.5
7097.900000	47.69	---	68.20	20.51	H	3.9
10144.300000	48.95	---	68.20	19.25	H	7.7
14001.600000	51.09	---	68.20	17.11	V	10.5
17039.500000	53.24	---	68.20	14.96	H	12.4

802.11ax40 Mode: (worst case)**Middle Channel: 5550MHz****Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ax40 mode of middle channel
Standard:	FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5510MHz						
1499.800000	---	22.48	54.00	31.52	H	-13.9
1499.800000	32.34	---	74.00	41.66	H	-13.9
2783.300000	---	26.25	54.00	27.75	V	-8.8
2783.300000	36.03	---	74.00	37.97	V	-8.8
7993.800000	47.93	---	68.20	20.27	H	3.8
10018.500000	50.23	---	68.20	17.97	H	7.8
14006.700000	52.91	---	68.20	15.29	H	10.5
17573.300000	54.85	---	68.20	13.35	V	13.3
Middle Channel: 5550MHz						
1759.900000	34.43	---	68.20	33.77	H	-12.2
3133.500000	38.71	---	68.20	29.49	H	-7.5
7645.300000	---	39.16	54.00	14.84	H	4.1
7645.300000	48.44	---	74.00	25.56	H	4.1
10033.800000	49.54	---	68.20	18.66	H	7.8
13389.600000	---	43.10	54.00	10.90	H	10.6
13389.600000	48.68	---	74.00	25.32	H	10.6
17585.200000	54.51	---	68.20	13.69	H	13.3
13389.600000	---	42.60	54.00	11.40	V	10.6
13389.600000	49.49	---	74.00	24.51	V	10.6
High Channel: 5670MHz						
1358.700000	---	22.24	54.00	31.76	H	-14.4
1358.700000	30.73	---	74.00	43.27	H	-14.4
3385.100000	39.95	---	68.20	28.25	H	-6.5
8031.200000	---	39.07	54.00	14.93	V	3.8
8031.200000	47.88	---	74.00	26.12	V	3.8
11201.700000	49.66	---	74.00	24.34	H	6.7
11201.700000	---	41.49	54.00	12.51	H	6.7
14941.700000	52.90	---	68.20	15.30	V	9.9
17484.900000	54.62	---	68.20	13.58	H	13.6

802.11ax80 Mode: (worst case)**High Channel: 5610MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ax80 mode of high channel

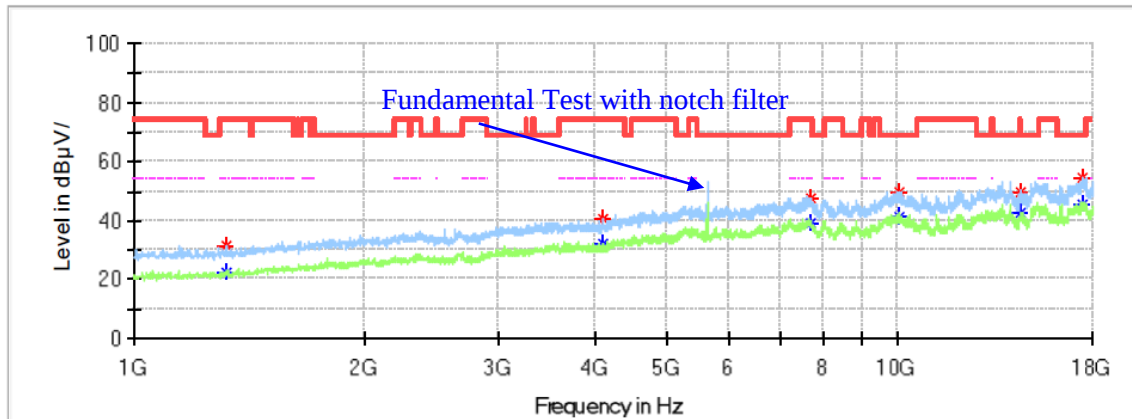
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5530MHz						
1328.100000	---	21.89	54.00	32.11	H	-14.5
1328.100000	31.06	---	74.00	42.94	H	-14.5
3143.700000	37.43	---	68.20	30.77	V	-7.5
8009.100000	46.91	---	68.20	21.29	H	3.8
11203.400000	---	41.35	54.00	12.65	V	6.7
11203.400000	48.62	---	74.00	25.38	V	6.7
14003.300000	53.37	---	68.20	14.83	H	10.5
17416.900000	56.05	---	68.20	12.15	H	13.4
High Channel: 5610MHz						
1317.900000	31.70	---	74.00	42.30	H	-14.5
1317.900000	---	22.20	54.00	31.80	H	-14.5
4105.900000	40.44	---	74.00	33.56	H	-4.8
4105.900000	---	32.48	54.00	21.52	H	-4.8
7706.500000	47.63	---	74.00	26.37	H	4.0
7706.500000	---	38.91	54.00	15.09	H	4.0
10050.800000	49.66	---	68.20	18.54	H	7.8
14494.600000	49.38	---	74.00	24.62	H	8.2
14494.600000	---	42.36	54.00	11.64	H	8.2
17478.100000	54.61	---	68.20	13.59	H	13.6
14494.600000	50.43	---	74.00	23.57	V	8.2
14494.600000	---	41.79	54.00	12.21	V	8.2

1GHz-18GHz(5725-5850MHz Band):

Chain 0:

802.11a Mode:**Low Channel: 5745MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11a mode of low channel

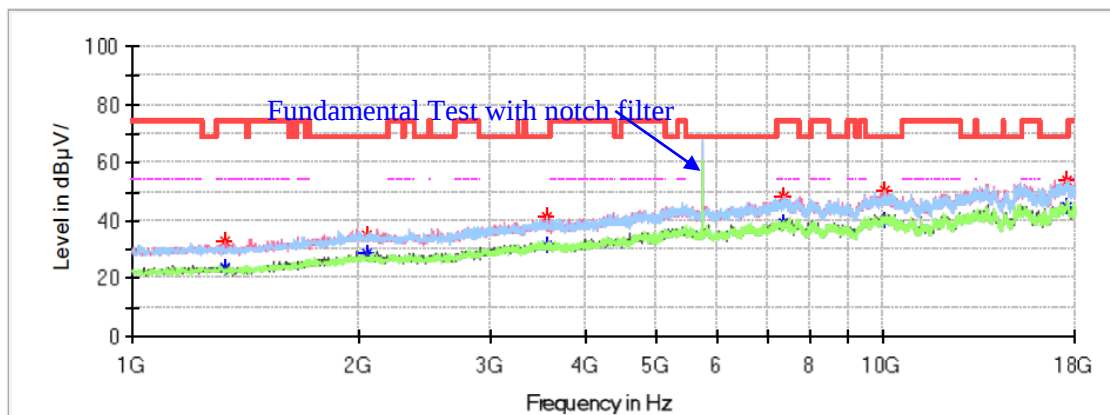
Standard:

FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum

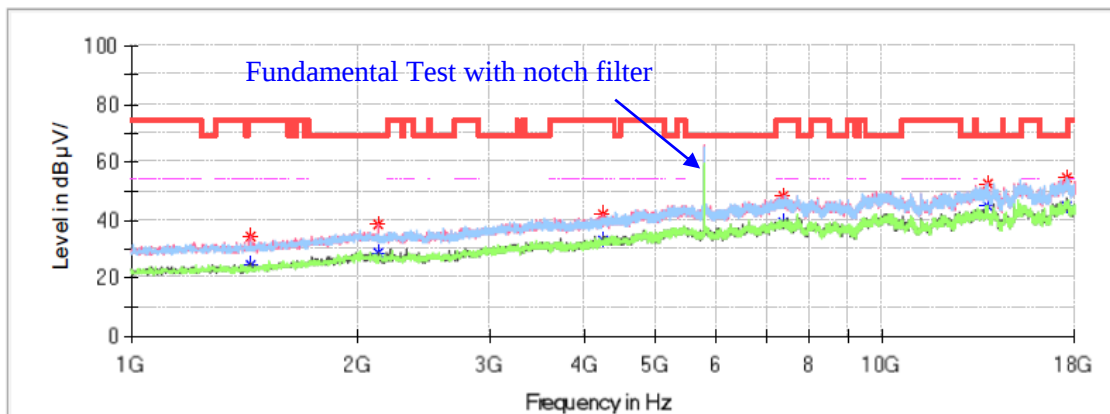
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1329.800000	---	24.06	54.00	29.94	V	-14.5
1329.800000	33.16	---	74.00	40.84	V	-14.5
2048.900000	34.85	---	68.20	33.35	V	-10.5
3567.000000	40.95	---	68.20	27.25	H	-6.0
7363.100000	---	39.35	54.00	14.65	H	4.1
7363.100000	48.21	---	74.00	25.79	H	4.1
10072.900000	50.15	---	68.20	18.05	H	7.7
17595.400000	54.18	---	68.20	14.02	V	13.2

Middle Channel: 5785MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11a mode of middle channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

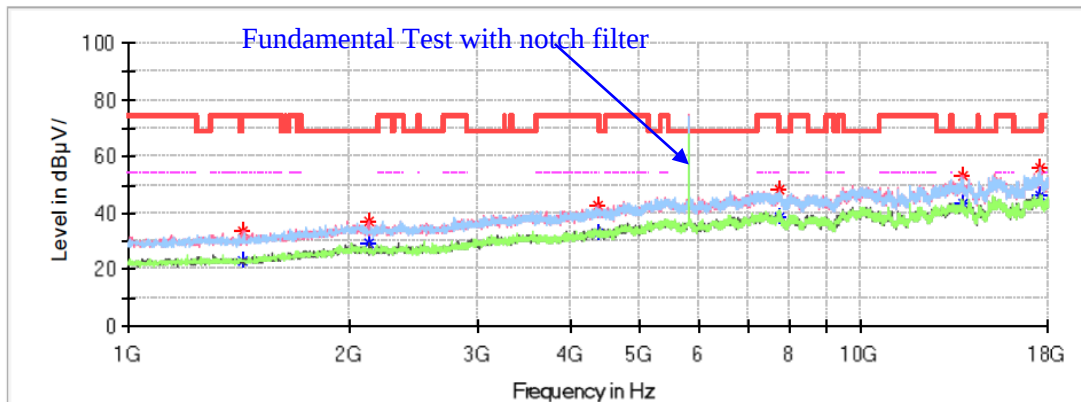
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1440.300000	---	24.80	54.00	29.20	V	-14.1
1440.300000	34.37	---	74.00	39.63	V	-14.1
2132.200000	38.67	---	68.20	29.53	V	-10.4
4252.100000	---	32.99	54.00	21.01	H	-4.4
4252.100000	42.22	---	74.00	31.78	H	-4.4
7383.500000	---	39.08	54.00	14.92	V	4.1
7383.500000	48.43	---	74.00	25.57	V	4.1
13761.900000	52.61	---	68.20	15.59	H	10.7
17590.300000	54.61	---	68.20	13.59	H	13.2

High Channel: 5825MHz**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1436.900000	---	23.27	54.00	30.73	H	-14.1
1436.900000	33.54	---	74.00	40.46	H	-14.1
2127.100000	37.31	---	68.20	30.89	V	-10.4
4371.100000	---	32.67	54.00	21.33	V	-4.1
4371.100000	42.64	---	74.00	31.36	V	-4.1
7732.000000	---	38.68	54.00	15.32	V	4.0
7732.000000	48.01	---	74.00	25.99	V	4.0
13755.100000	53.37	---	68.20	14.83	V	10.8
17576.700000	55.59	---	68.20	12.61	H	13.3

802.11ac20 Mode: (worst case)**High Channel: 5825MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ac20 mode of high channel

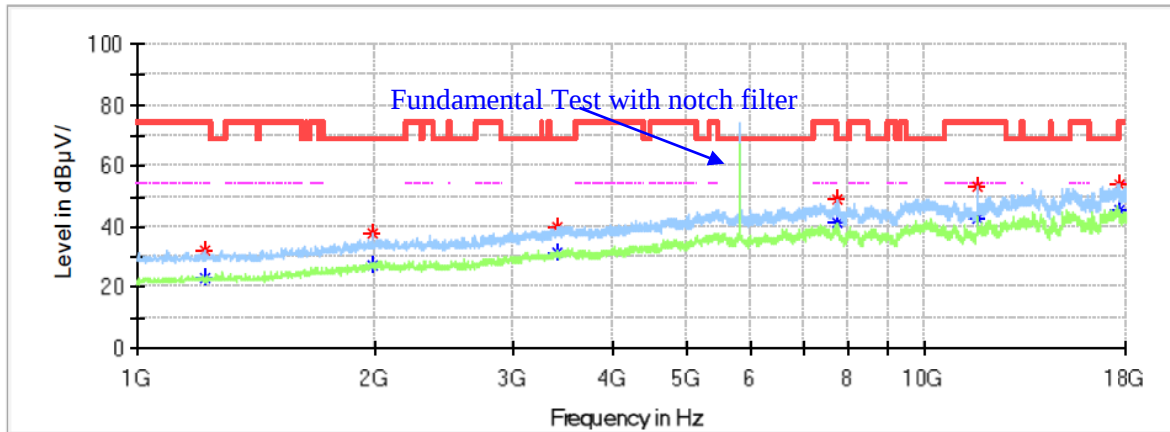
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum

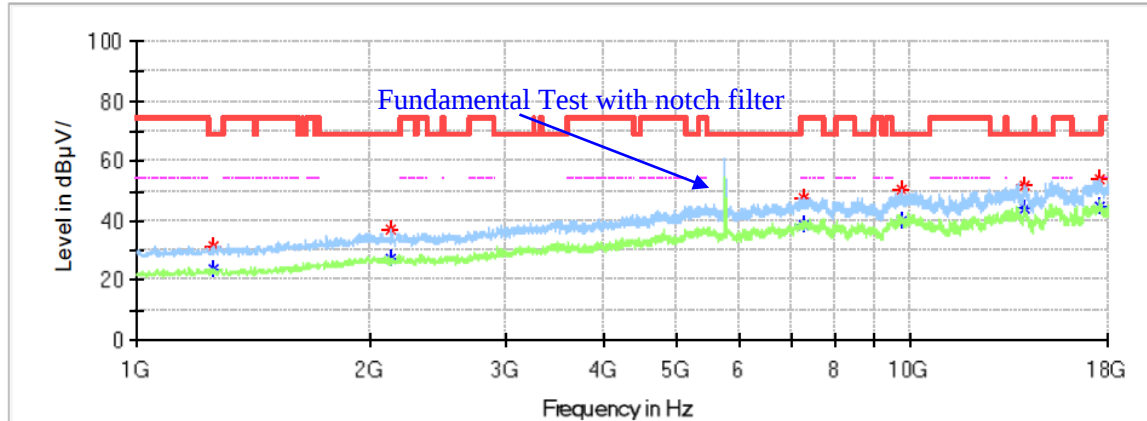


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5745MHz						
1185.300000	31.44	---	74.00	42.56	V	-14.9
1185.300000	---	22.09	54.00	31.91	V	-14.9
2445.000000	37.28	---	68.20	30.92	H	-9.8
4451.000000	41.95	---	68.20	26.25	H	-3.9
7174.400000	46.17	---	68.20	22.03	H	3.9
14005.000000	52.00	---	68.20	16.20	H	10.5
17651.500000	53.79	---	68.20	14.41	H	13.0
Middle Channel: 5785MHz						
1511.700000	---	23.98	54.00	30.02	V	-13.9
1511.700000	33.05	---	74.00	40.95	V	-13.9
2756.100000	---	27.93	54.00	26.07	H	-8.9
2756.100000	37.85	---	74.00	36.15	H	-8.9
4566.600000	---	33.73	54.00	20.27	H	-3.5
4566.600000	42.85	---	74.00	31.15	H	-3.5
7713.300000	---	41.74	54.00	12.26	V	4.0
7713.300000	48.22	---	74.00	25.78	V	4.0
14001.600000	51.71	---	68.20	16.49	H	10.5
17632.800000	53.71	---	68.20	14.49	H	13.1
High Channel: 5825MHz						
1219.300000	---	23.15	54.00	30.85	H	-14.8
1219.300000	32.15	---	74.00	41.85	H	-14.8
1989.400000	37.50	---	68.20	30.70	H	-10.6
3424.200000	39.89	---	68.20	28.31	H	-6.4
7766.000000	48.87	---	68.20	19.33	H	4.0
11647.100000	---	42.91	54.00	11.09	H	7.2
11647.100000	53.44	---	74.00	20.56	H	7.2
17619.200000	53.90	---	68.20	14.30	H	13.1
11647.100000	---	41.19	54.00	12.81	V	7.2
11647.100000	52.86	---	74.00	21.14	V	7.2

802.11ac40 Mode: (worst case)**Low Channel: 5755MHz****Common Information**

Project No.: RKSA240325003
 Test Mode: 802.11ac40 mode of low channel
 Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
 Test Engineer: Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5755MHz						
1261.800000	31.23	---	68.20	36.97	H	-14.7
2130.500000	36.93	---	68.20	31.27	H	-10.4
7269.600000	---	38.64	54.00	15.36	H	4.0
7269.600000	47.55	---	74.00	26.45	H	4.0
9719.300000	50.21	---	68.20	17.99	H	6.9
14001.600000	51.94	---	68.20	16.26	H	10.5
17595.400000	53.62	---	68.20	14.58	H	13.2
14001.600000	50.49	---	68.20	17.71	V	10.5
17595.400000	52.76	---	68.20	15.44	V	13.2
High Channel: 5795MHz						
1224.400000	---	22.69	54.00	31.31	H	-14.8
1224.400000	32.10	---	74.00	41.90	H	-14.8
1958.800000	36.58	---	68.20	31.62	V	-10.8
3108.000000	38.78	---	68.20	29.42	H	-7.6
4850.500000	---	34.30	54.00	19.70	V	-2.0
4850.500000	43.27	---	74.00	30.73	V	-2.0
7560.300000	---	37.45	54.00	16.55	H	4.1
7560.300000	46.38	---	74.00	27.62	H	4.1
14001.600000	50.57	---	68.20	17.63	H	10.5

802.11ac80 Mode: (worst case)**Channel: 5775MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ac80

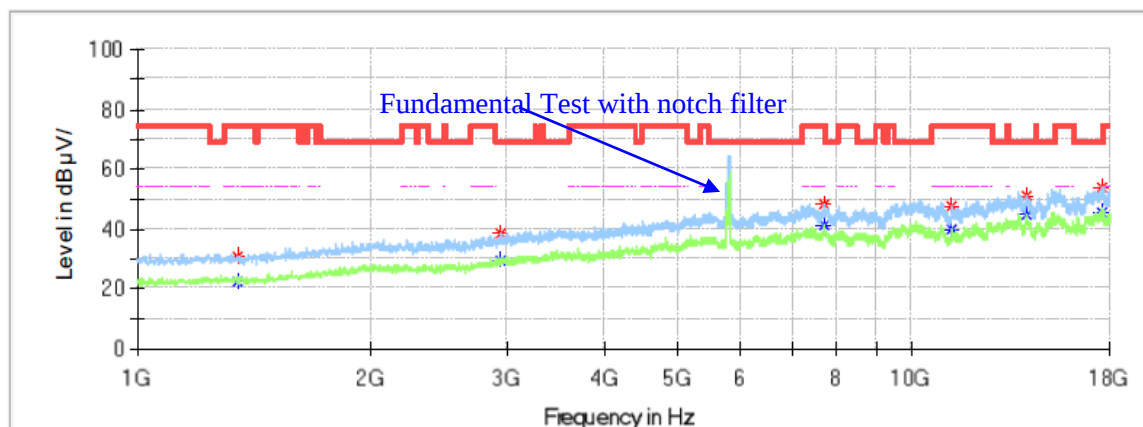
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5775MHz						
1350.200000	---	22.19	54.00	31.81	H	-14.4
1350.200000	30.90	---	74.00	43.10	H	-14.4
2949.900000	38.54	---	68.20	29.66	H	-8.2
7699.700000	---	41.13	54.00	12.87	H	4.0
7699.700000	48.57	---	74.00	25.43	H	4.0
11201.700000	---	39.80	54.00	14.20	H	6.7
11201.700000	47.40	---	74.00	26.60	H	6.7
14001.600000	50.85	---	68.20	17.35	H	10.5
17554.600000	53.53	---	68.20	14.67	H	13.4
7699.700000	---	40.91	54.00	13.09	V	4.0
7699.700000	48.25	---	74.00	25.75	V	4.0

802.11ax20 Mode: (worst case)**High Channel: 5825MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ax20 mode of high channel

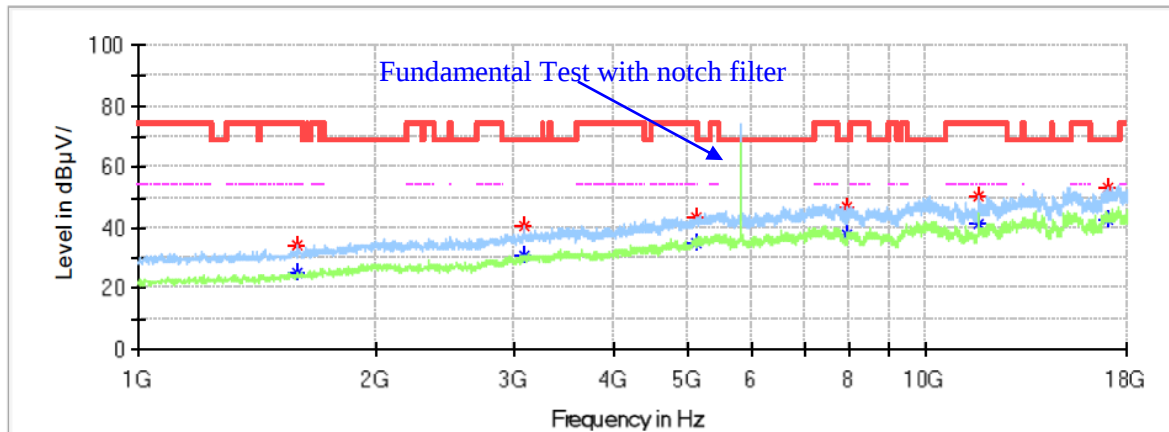
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum



Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5745MHz						
1246.500000	31.84	---	68.20	36.36	H	-14.7
2307.300000	36.35	---	68.20	31.85	H	-10.1
4185.800000	---	31.91	54.00	22.09	V	-4.6
4185.800000	41.85	---	74.00	32.15	V	-4.6
7699.700000	---	38.77	54.00	15.23	H	4.0
7699.700000	48.35	---	74.00	25.65	H	4.0
10334.700000	49.56	---	68.20	18.64	V	7.4
15181.400000	53.98	---	68.20	14.22	H	10.7
Middle Channel: 5785MHz						
1231.200000	---	24.38	54.00	29.62	H	-14.8
1231.200000	32.11	---	74.00	41.89	H	-14.8
2543.600000	36.84	---	68.20	31.36	V	-9.6
4716.200000	---	34.06	54.00	19.94	H	-2.7
4716.200000	43.88	---	74.00	30.12	H	-2.7
7645.300000	---	38.02	54.00	15.98	V	4.1
7645.300000	47.30	---	74.00	26.70	V	4.1
13676.900000	52.48	---	68.20	15.72	H	10.8
17617.500000	53.67	---	68.20	14.53	H	13.1
High Channel: 5825MHz						
1589.900000	34.49	---	74.00	39.51	H	-13.3
1589.900000	---	25.17	54.00	28.83	H	-13.3
3099.500000	40.42	---	68.20	27.78	H	-7.6
5114.000000	43.32	---	74.00	30.68	H	-0.7
5114.000000	---	35.12	54.00	18.88	H	-0.7
7956.400000	47.04	---	68.20	21.16	H	3.9
11662.400000	50.56	---	74.00	23.44	H	7.2
11662.400000	---	41.04	54.00	12.96	H	7.2
16986.800000	53.49	---	68.20	14.71	H	12.3
11662.400000	49.65	---	74.00	24.35	V	7.2
11662.400000	---	40.40	54.00	13.60	V	7.2

802.11ax40 Mode: (worst case)**High Channel: 5795MHz****Common Information**

Project No.:

RKSA240325003

Test Mode:

802.11ax40 mode of high channel

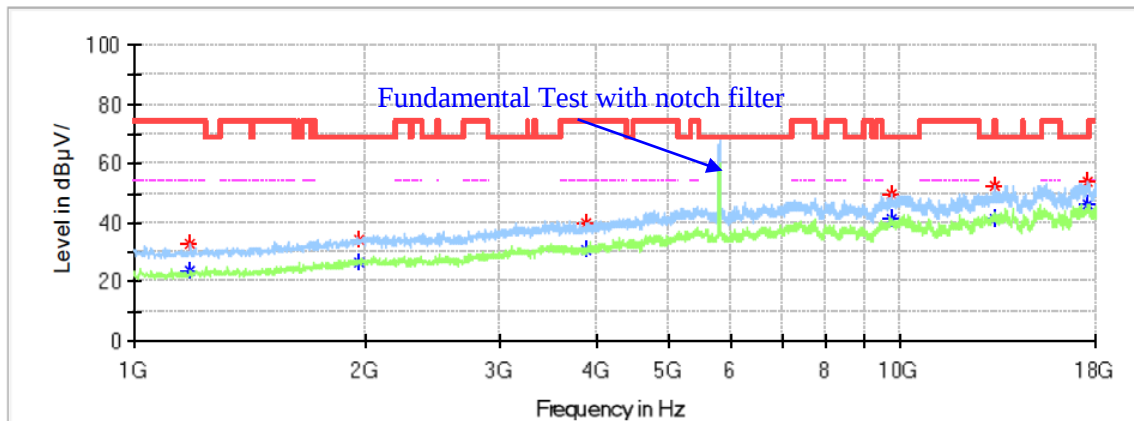
Standard:

FCC Part 15.205& FCC Part 15.209& FCC Part 15.407

Test Engineer:

Hugh Wu

Full Spectrum

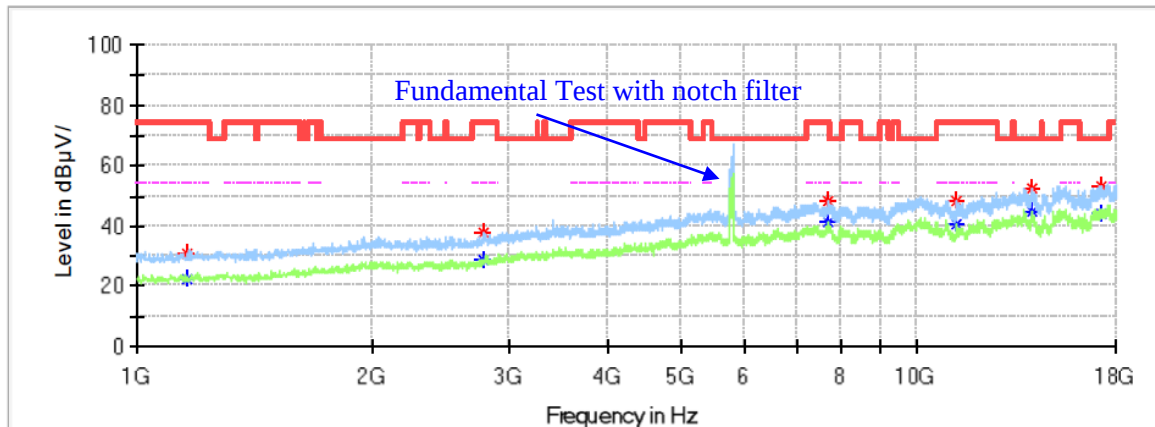


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Low Channel: 5755MHz						
1314.500000	---	23.31	54.00	30.69	H	-14.5
1314.500000	32.46	---	74.00	41.54	H	-14.5
2128.800000	36.28	---	68.20	31.92	H	-10.4
3939.300000	---	31.55	54.00	22.45	V	-5.2
3939.300000	39.70	---	74.00	34.30	V	-5.2
7949.600000	43.07	---	68.20	25.13	H	3.9
14003.300000	51.79	---	68.20	16.41	H	10.5
17590.300000	53.77	---	68.20	14.43	V	13.2
High Channel: 5795MHz						
1185.300000	---	23.45	54.00	30.55	H	-14.9
1185.300000	32.55	---	74.00	41.45	H	-14.9
1962.200000	34.42	---	68.20	33.78	H	-10.8
3884.900000	---	30.75	54.00	23.25	H	-5.3
3884.900000	39.61	---	74.00	34.39	H	-5.3
9722.700000	49.54	---	68.20	18.66	H	6.9
13299.500000	---	41.29	54.00	12.71	H	10.2
13299.500000	52.17	---	74.00	21.83	H	10.2
17568.200000	53.99	---	68.20	14.21	H	13.3
13299.500000	---	40.75	54.00	13.25	V	10.2
13299.500000	51.71	---	74.00	22.29	V	10.2

802.11ax80 Mode: (worst case)**Channel: 5775MHz****Common Information**

Project No.: RKSA240325003
 Test Mode: 802.11ax80
 Standard: FCC Part 15.205& FCC Part 15.209& FCC Part 15.407
 Test Engineer: Hugh Wu

Full Spectrum

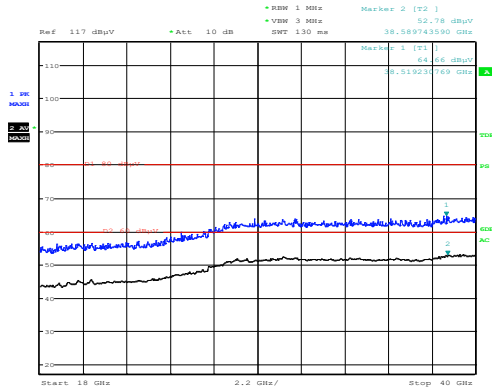


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
Channel: 5775MHz						
1159.800000	---	22.24	54.00	31.76	H	-15.0
1159.800000	30.83	---	74.00	43.17	H	-15.0
2790.100000	---	28.69	54.00	25.31	H	-8.8
2790.100000	37.72	---	74.00	36.28	H	-8.8
7699.700000	---	41.26	54.00	12.74	H	4.0
7699.700000	48.03	---	74.00	25.97	H	4.0
11203.400000	---	40.73	54.00	13.27	H	6.7
11203.400000	48.50	---	74.00	25.50	H	6.7
14001.600000	52.30	---	68.20	15.90	H	10.5
17274.100000	53.24	---	68.20	14.96	H	13.0
7699.700000	---	40.62	54.00	13.38	V	4.0
7699.700000	49.11	---	74.00	24.89	V	4.0

18GHz-40GHz:

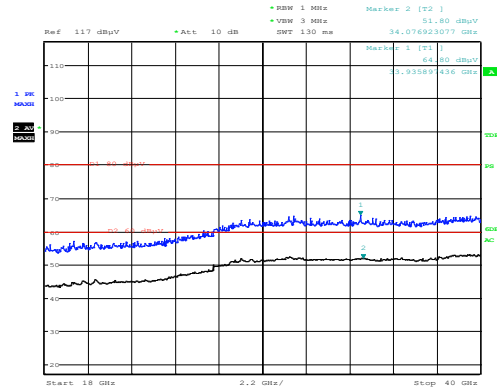
Pre-scan with 802.11a, 802.11ac20, 802.11ax20, 802.11ac40, 802.11ax40, 802.11ac80, 802.11ax80 modes of operation in the X,Y and Z axes of orientation, the worst case **802.11ax20 mode (5180MHz)** was recorded

Horizontal



Project No. RKSA240325003 Tester: Hugh Wu
Date: 24.MAY.2024 21:21:43

Vertical



Project No. RKSA240325003 Tester: Hugh Wu
Date: 24.MAY.2024 21:38:32

Note: The test distance is 1.5m. The limit is 80dBμV/m (Peak) and 60dBμV/m (Average).

Band Edge Test (5150-5250MHz Band):

Note:

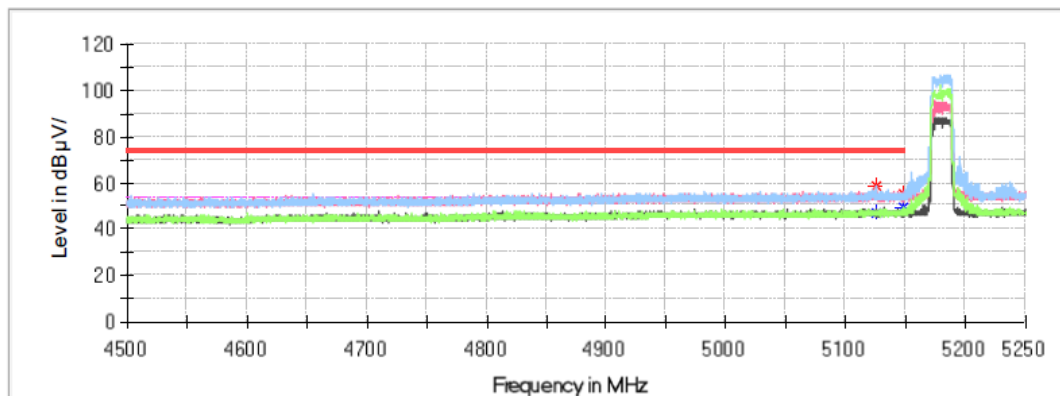
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

Chain 0:

802.11a Mode:**Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11a mode of low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

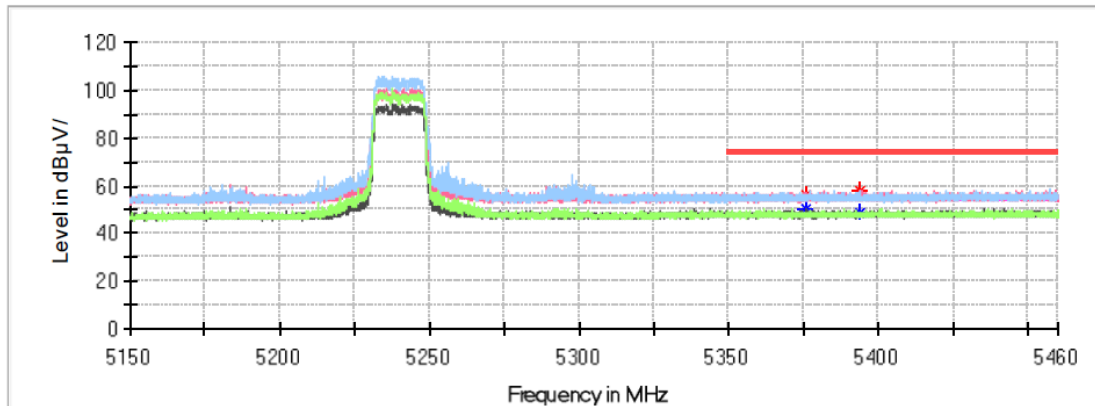
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5124.750000	58.90	---	74.00	15.10	H	9.3
5124.750000	---	46.89	54.00	7.11	H	9.3
5148.975000	55.48	---	74.00	18.52	H	9.4
5148.975000	---	49.53	54.00	4.47	H	9.4

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5376.052000	56.10	---	74.00	17.90	V	10.3
5376.052000	---	50.65	54.00	3.35	V	10.3
5394.156000	---	48.63	54.00	5.37	H	10.4
5394.156000	58.11	---	74.00	15.89	H	10.4

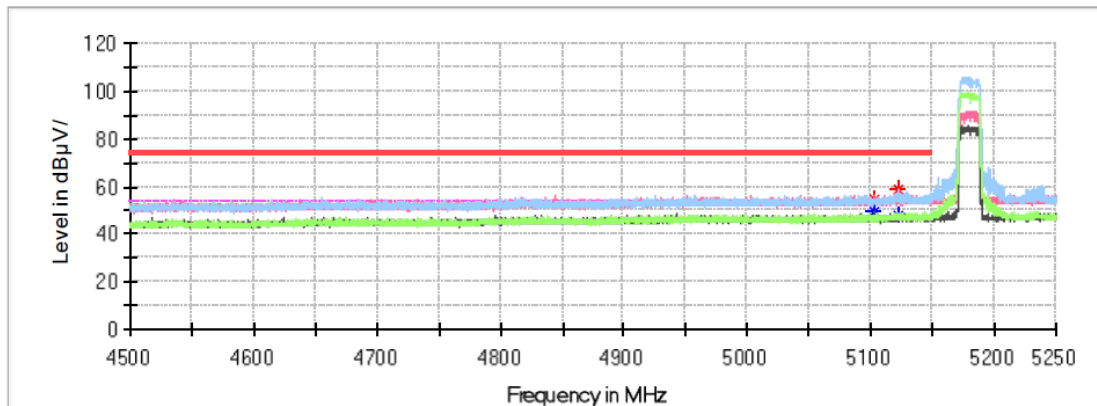
Chain 1:

802.11a Mode:

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



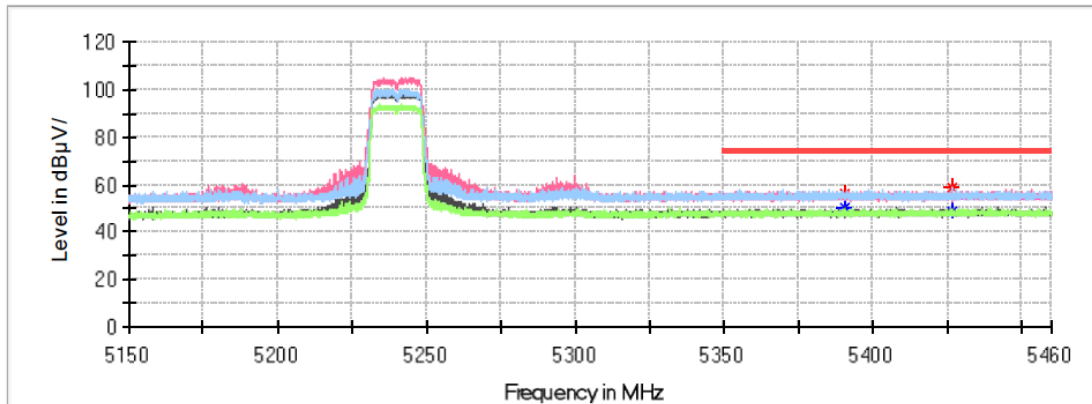
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5103.225000	---	49.85	54.00	4.15	V	9.2
5103.225000	54.37	---	74.00	19.63	V	9.2
5121.675000	---	47.88	54.00	6.12	H	9.3
5121.675000	58.44	---	74.00	15.56	H	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

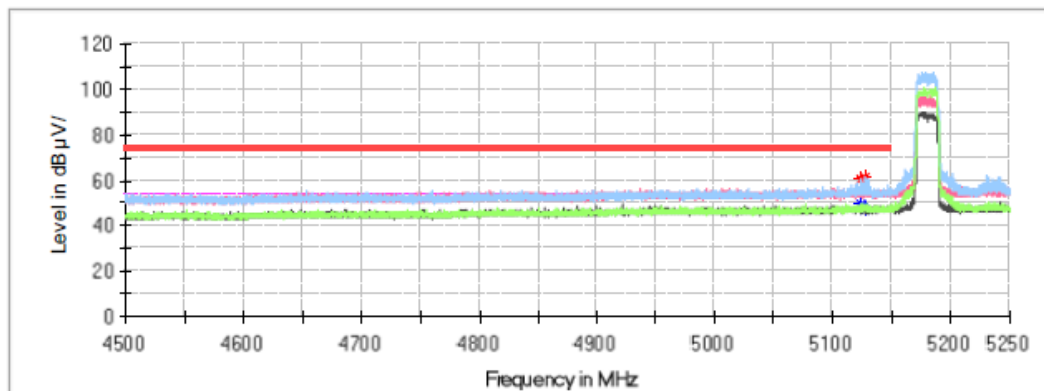
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5390.498000	56.05	---	74.00	17.95	V	10.4
5390.498000	---	50.66	54.00	3.34	V	10.4
5426.582000	---	48.36	54.00	5.64	H	10.5
5426.582000	59.16	---	74.00	14.84	H	10.5

Chain 0+Chain 1:
802.11ac20 Mode:

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



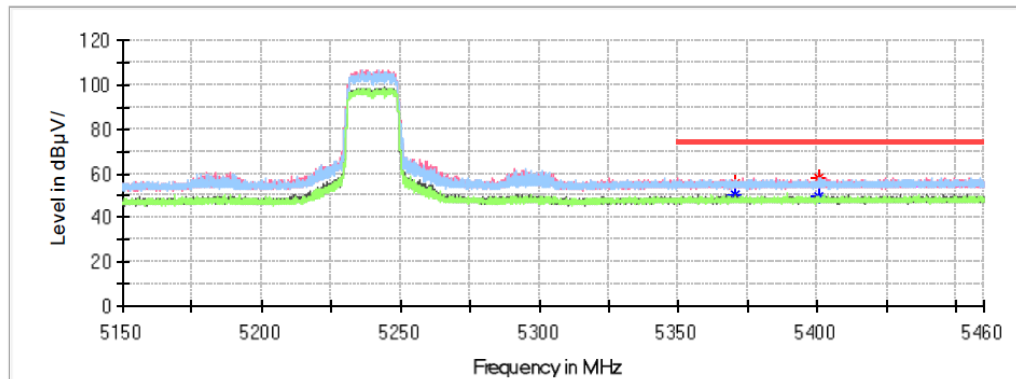
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5123.925000	---	49.40	54.00	4.60	H	9.3
5123.925000	60.13	---	74.00	13.87	H	9.3
5127.300000	---	46.67	54.00	7.33	H	9.3
5127.300000	60.87	---	74.00	13.13	H	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



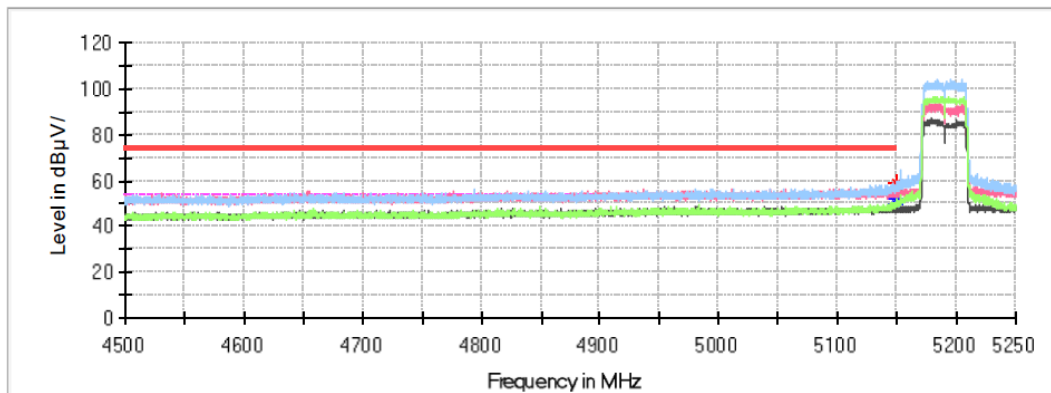
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5370.162000	55.66	---	74.00	18.34	V	10.3
5370.162000	---	50.49	54.00	3.51	V	10.3
5400.542000	---	49.83	54.00	4.17	H	10.4
5400.542000	58.04	---	74.00	15.96	H	10.4

802.11ac40 Mode:**Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ac40 mode of low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

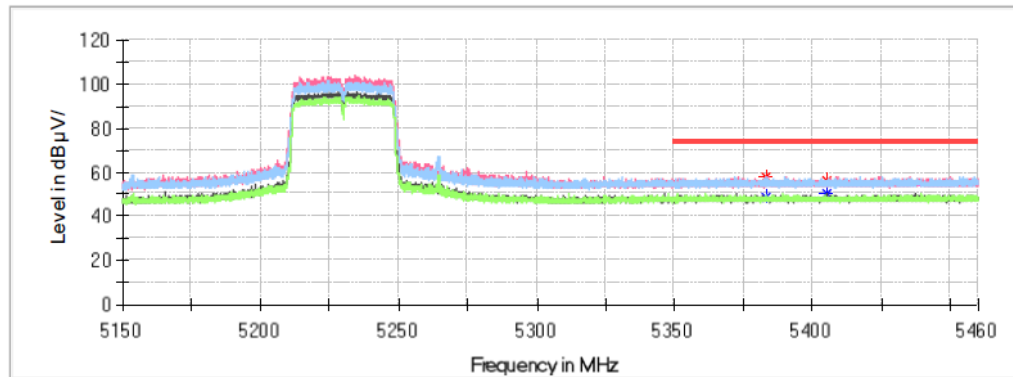
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5149.500000	58.80	---	74.00	15.20	H	9.4
5149.500000	---	49.78	54.00	4.22	H	9.4
5149.650000	56.10	---	74.00	17.90	H	9.4
5149.650000	---	51.65	54.00	2.35	H	9.4

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac40 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



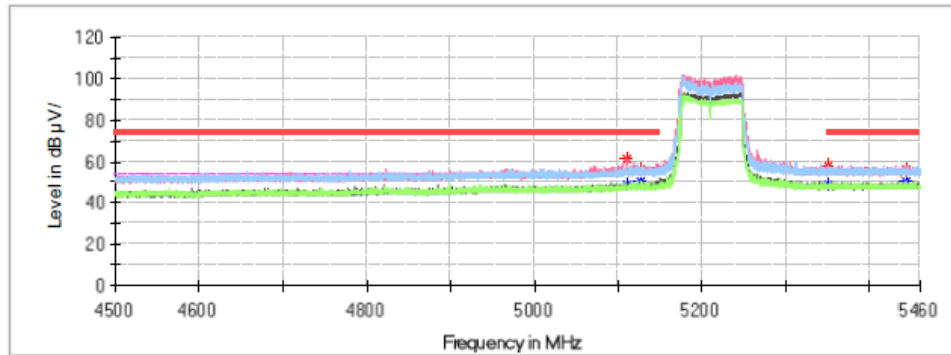
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5383.368000	---	48.71	54.00	5.29	H	10.4
5383.368000	58.03	---	74.00	15.97	H	10.4
5405.130000	55.94	---	74.00	18.06	V	10.5
5405.130000	---	50.35	54.00	3.65	V	10.5

802.11ac80 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac80
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

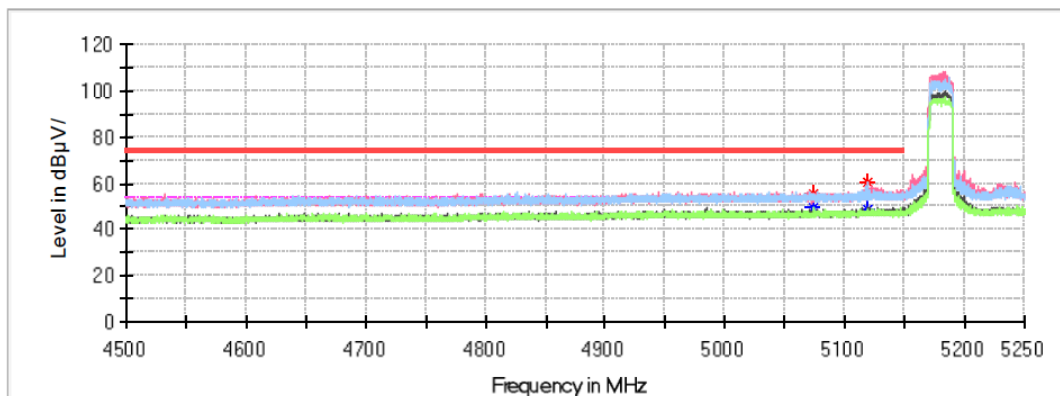
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5110.080000	60.92	---	74.00	13.08	V	9.2
5110.080000	---	48.72	54.00	5.28	V	9.2
5126.400000	55.83	---	74.00	18.17	V	9.3
5126.400000	---	50.51	54.00	3.49	V	9.3
5350.464000	---	48.33	54.00	5.67	H	10.2
5350.464000	57.73	---	74.00	16.27	H	10.2
5443.584000	56.00	---	74.00	18.00	H	10.6
5443.584000	---	50.43	54.00	3.57	H	10.6

802.11ax20 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax20 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

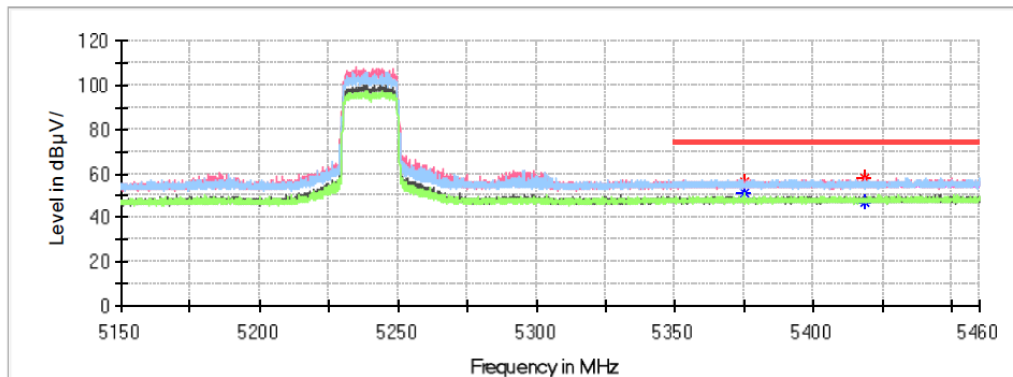
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5074.575000	---	49.57	54.00	4.43	H	9.1
5074.575000	54.99	---	74.00	19.01	H	9.1
5119.500000	---	49.02	54.00	4.98	H	9.3
5119.500000	60.38	---	74.00	13.62	H	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ax20 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



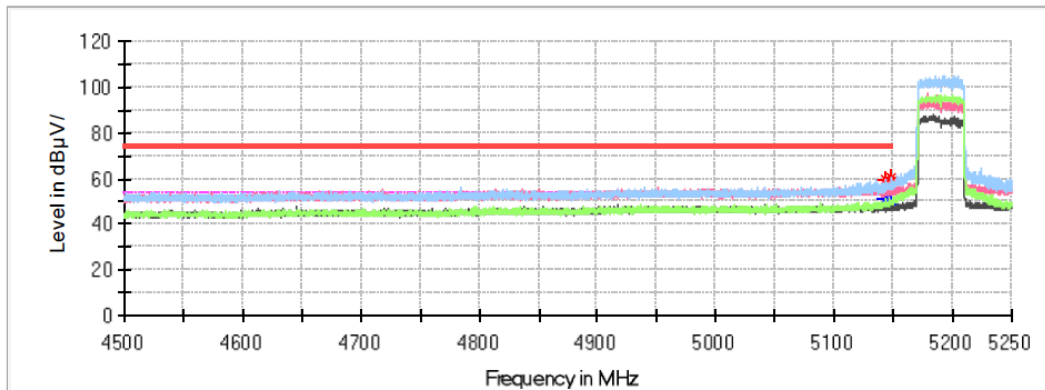
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5375.370000	56.16	---	74.00	17.84	V	10.3
5375.370000	---	50.84	54.00	3.16	V	10.3
5418.491000	---	47.36	54.00	6.64	V	10.5
5418.491000	57.96	---	74.00	16.04	V	10.5

802.11ax40 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax40 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

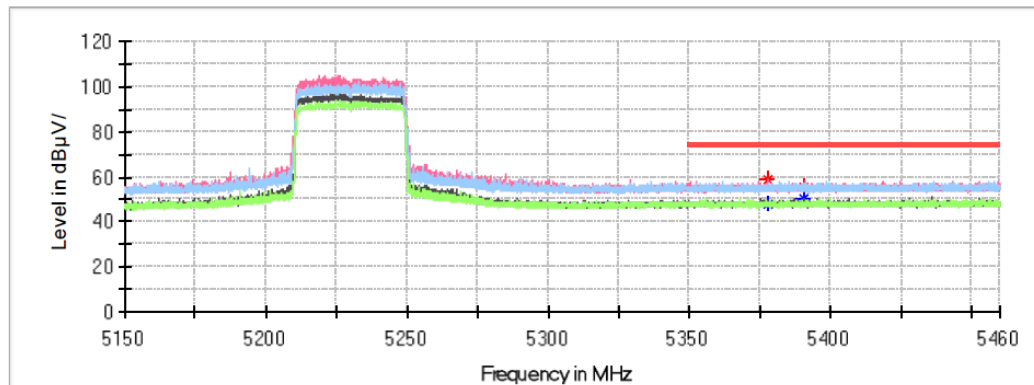
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5143.350000	---	50.98	54.00	3.02	H	9.4
5143.350000	59.20	---	74.00	14.80	H	9.4
5147.550000	---	48.97	54.00	5.03	H	9.4
5147.550000	60.43	---	74.00	13.57	H	9.4

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ax40 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



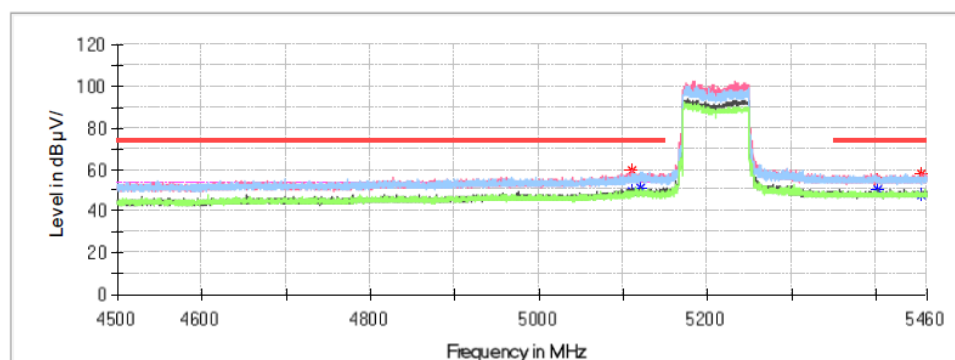
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5378.067000	---	48.08	54.00	5.92	H	10.3
5378.067000	58.62	---	74.00	15.38	H	10.3
5390.343000	54.97	---	74.00	19.03	V	10.4
5390.343000	---	50.38	54.00	3.62	V	10.4

802.11ax80 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax80
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5110.176000	59.38	---	74.00	14.62	V	9.2
5110.176000	---	49.18	54.00	4.82	V	9.2
5121.120000	55.54	---	74.00	18.46	V	9.3
5121.120000	---	51.36	54.00	2.64	V	9.3
5401.824000	54.54	---	74.00	19.46	V	10.4
5401.824000	---	50.49	54.00	3.51	V	10.4
5453.376000	---	47.71	54.00	6.29	V	10.6
5453.376000	58.27	---	74.00	15.73	V	10.6

Band Edge Test (5250-5350MHz Band):

Note:

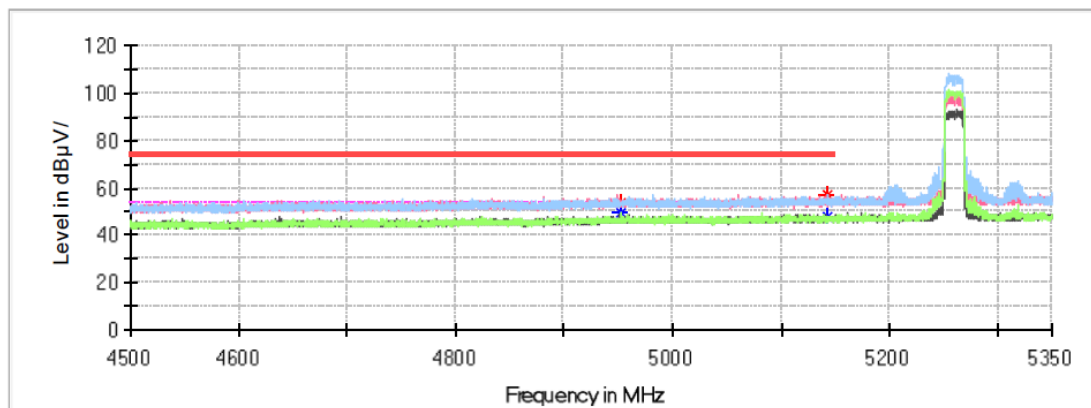
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

Chain 0:

802.11a Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11a mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

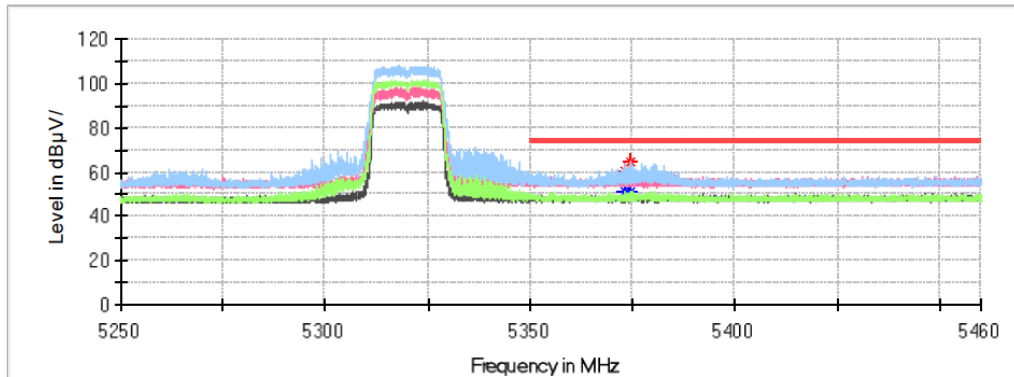
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4952.200000	---	49.25	54.00	4.75	H	8.5
4952.200000	53.75	---	74.00	20.25	H	8.5
5142.600000	---	47.97	54.00	6.03	H	9.4
5142.600000	56.94	---	74.00	17.06	H	9.4

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5372.976000	---	51.57	54.00	2.43	H	10.3
5372.976000	60.80	---	74.00	13.20	H	10.3
5374.614000	---	51.33	54.00	2.67	H	10.3
5374.614000	64.31	---	74.00	9.69	H	10.3

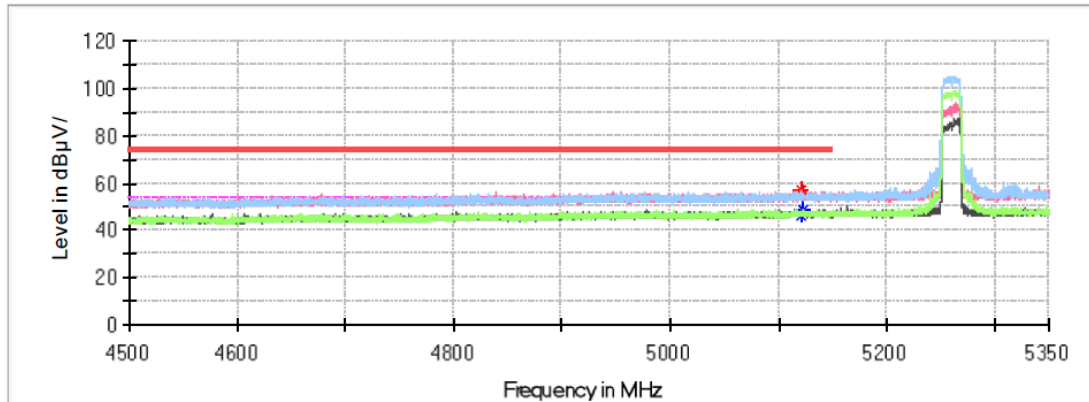
Chain 1:

802.11a Mode:

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



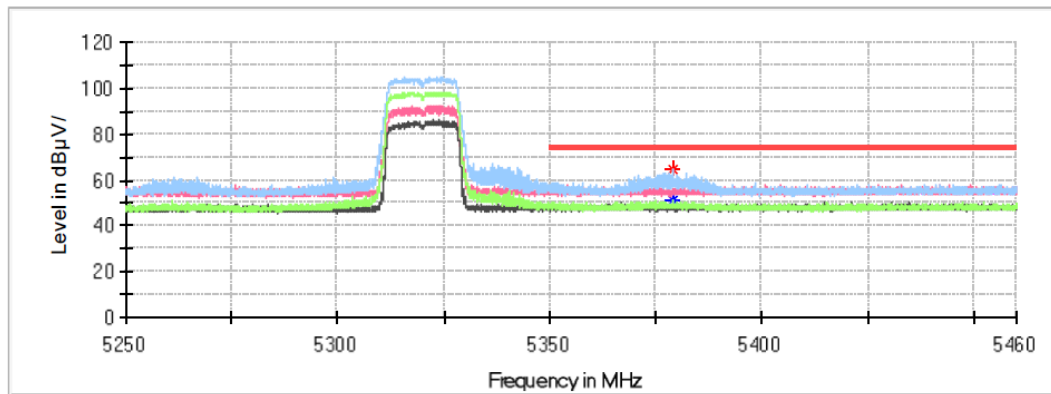
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5121.435000	56.77	---	74.00	17.23	V	9.3
5121.435000	---	46.48	54.00	7.52	V	9.3
5122.285000	55.60	---	74.00	18.40	H	9.3
5122.285000	---	49.06	54.00	4.94	H	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

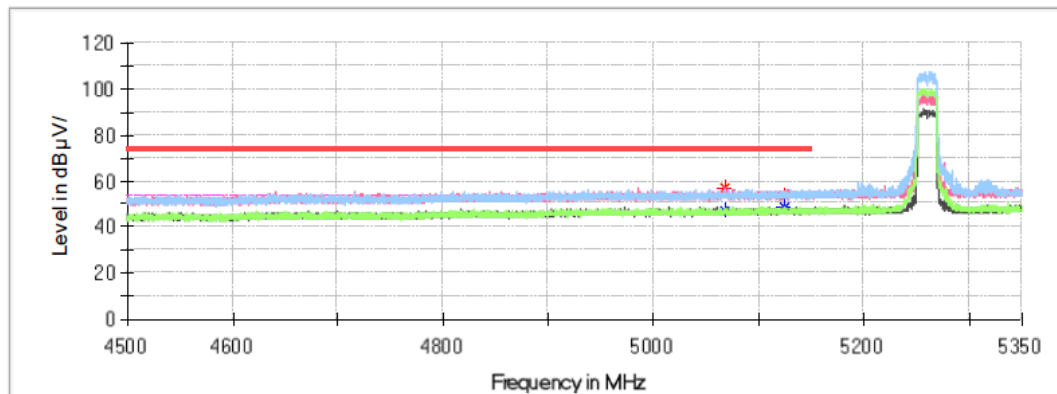
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Poi	Corr. (dB/m)
5378.835000	---	50.85	54.00	3.15	H	10.3
5378.835000	64.26	---	74.00	9.74	H	10.3

Chain 0+chain 1:
802.11ac20 Mode:

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



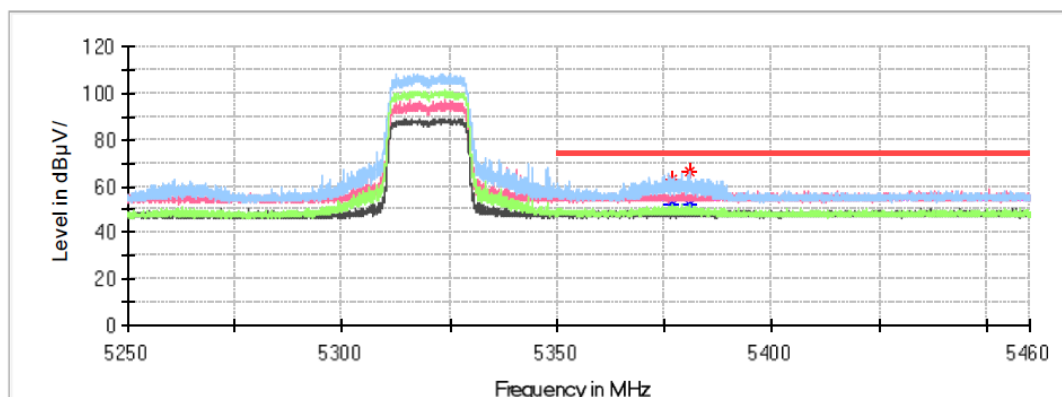
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
5068.310000	57.18	---	74.00	16.82	V	9.1
5068.310000	---	47.11	54.00	6.89	V	9.1
5124.410000	54.10	---	74.00	19.90	H	9.3
5124.410000	---	48.85	54.00	5.15	H	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



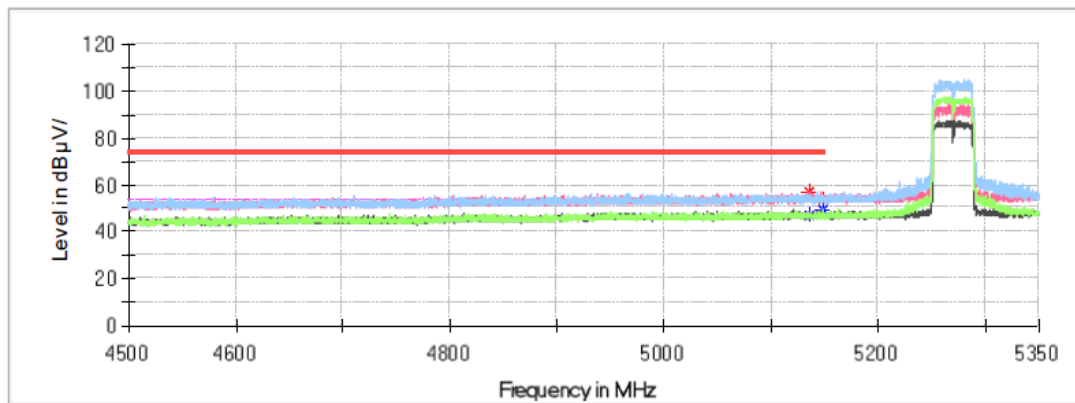
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5376.546000	---	51.96	54.00	2.04	H	10.3
5376.546000	63.23	---	74.00	10.77	H	10.3
5380.851000	---	51.88	54.00	2.12	H	10.4
5380.851000	66.02	---	74.00	7.98	H	10.4

802.11ac40 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac40 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

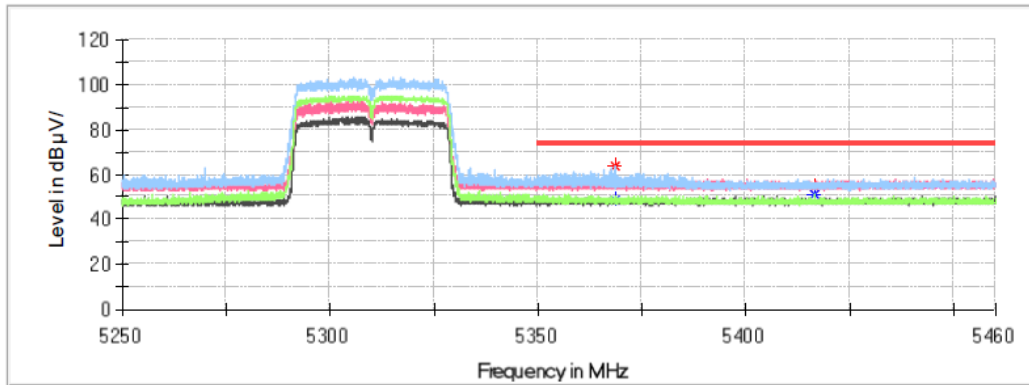
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5135.035000	57.37	---	74.00	16.63	V	9.3
5135.035000	---	46.73	54.00	7.27	V	9.3
5148.380000	53.97	---	74.00	20.03	H	9.4
5148.380000	---	49.48	54.00	4.52	H	9.4

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac40 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



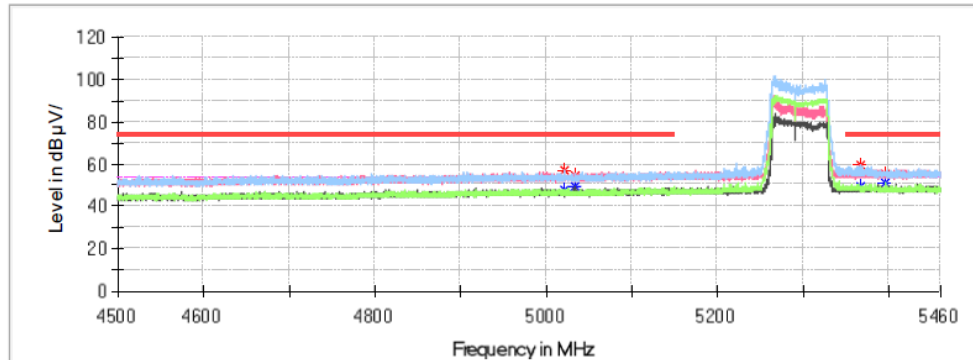
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5368.356000	63.90	---	74.00	10.10	H	10.3
5368.356000	---	48.56	54.00	5.44	H	10.3
5416.635000	54.74	---	74.00	19.26	H	10.5
5416.635000	---	51.07	54.00	2.93	H	10.5

802.11ac80 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac80
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

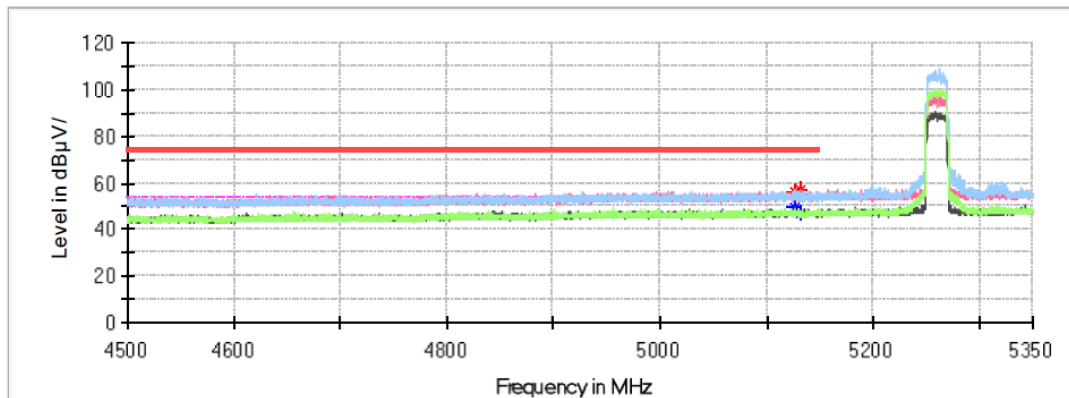
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5020.800000	---	48.06	54.00	5.94	H	8.9
5020.800000	56.85	---	74.00	17.15	H	8.9
5034.144000	---	49.68	54.00	4.32	V	8.9
5034.144000	54.93	---	74.00	19.07	V	8.9
5366.592000	---	49.17	54.00	4.83	H	10.3
5366.592000	59.78	---	74.00	14.22	H	10.3
5396.064000	55.21	---	74.00	18.79	H	10.4
5396.064000	---	51.10	54.00	2.90	H	10.4

802.11ax20 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax20 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

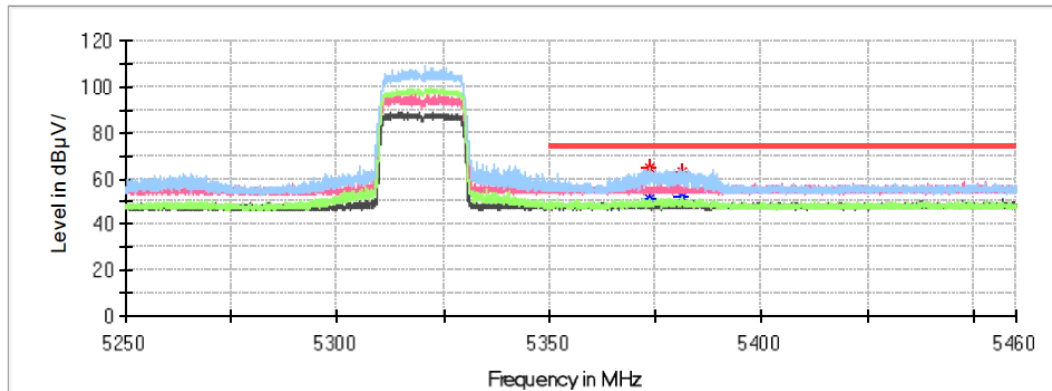
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5126.365000	---	49.64	54.00	4.36	V	9.3
5126.365000	56.17	---	74.00	17.83	V	9.3
5132.740000	---	47.19	54.00	6.81	V	9.3
5132.740000	56.70	---	74.00	17.30	V	9.3

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ax20 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



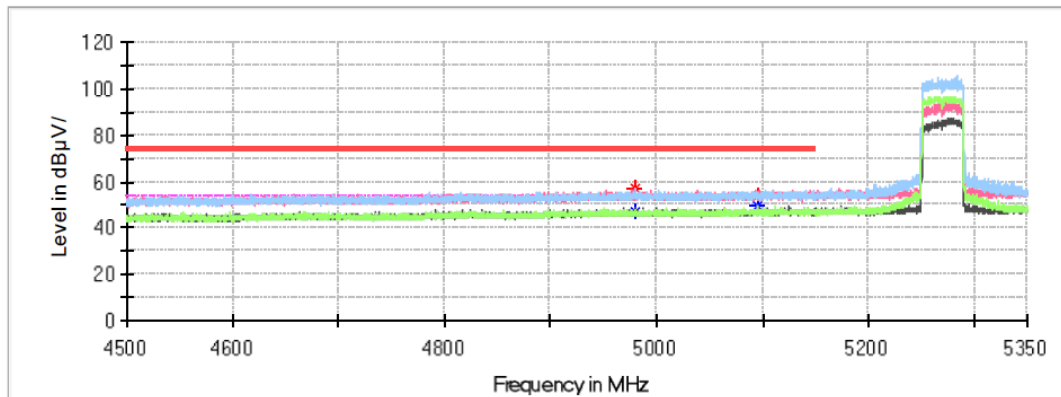
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5373.627000	64.47	---	74.00	9.53	H	10.3
5373.627000	---	50.96	54.00	3.04	H	10.3
5381.166000	62.71	---	74.00	11.29	H	10.4
5381.166000	---	51.73	54.00	2.27	H	10.4

802.11ax40 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ax40 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum

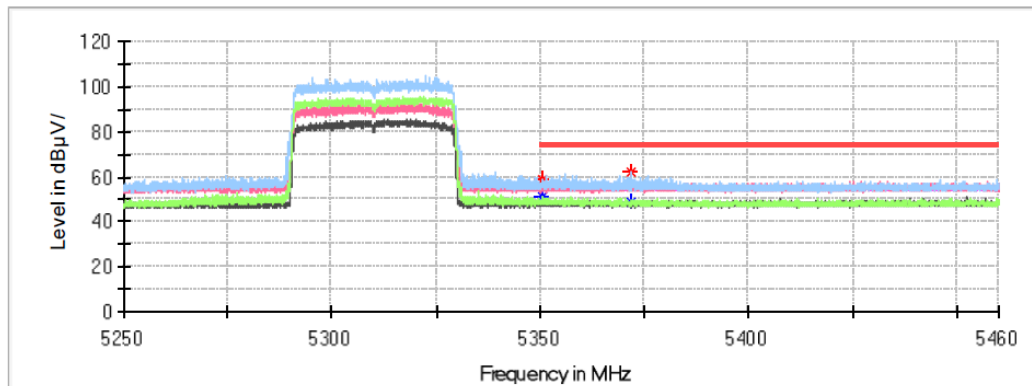
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4980.250000	56.72	---	74.00	17.28	H	8.7
4980.250000	---	47.02	54.00	6.98	H	8.7
5096.190000	53.78	---	74.00	20.22	H	9.2
5096.190000	---	49.34	54.00	4.66	H	9.2

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ax40 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



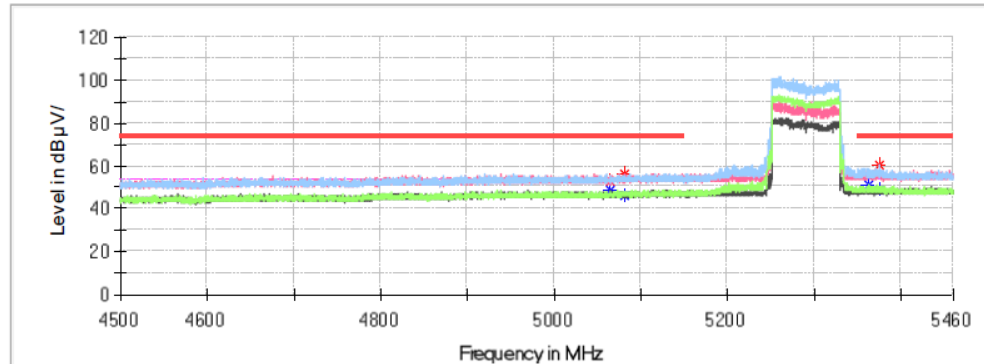
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.632000	---	51.55	54.00	2.45	H	10.2
5350.632000	58.45	---	74.00	15.55	H	10.2
5371.821000	---	48.70	54.00	5.30	H	10.3
5371.821000	61.76	---	74.00	12.24	H	10.3

802.11ax80 Mode:**Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11ax80
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Hugh Wu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5064.288000	---	48.88	54.00	5.12	V	9.1
5064.288000	53.22	---	74.00	20.78	V	9.1
5082.240000	---	46.36	54.00	7.64	V	9.1
5082.240000	56.48	---	74.00	17.52	V	9.1
5361.888000	55.12	---	74.00	18.88	H	10.3
5361.888000	---	50.99	54.00	3.01	H	10.3
5374.752000	---	48.77	54.00	5.23	H	10.3
5374.752000	60.28	---	74.00	13.72	H	10.3

Band Edge Test (5470-5725MHz Band):

Note:

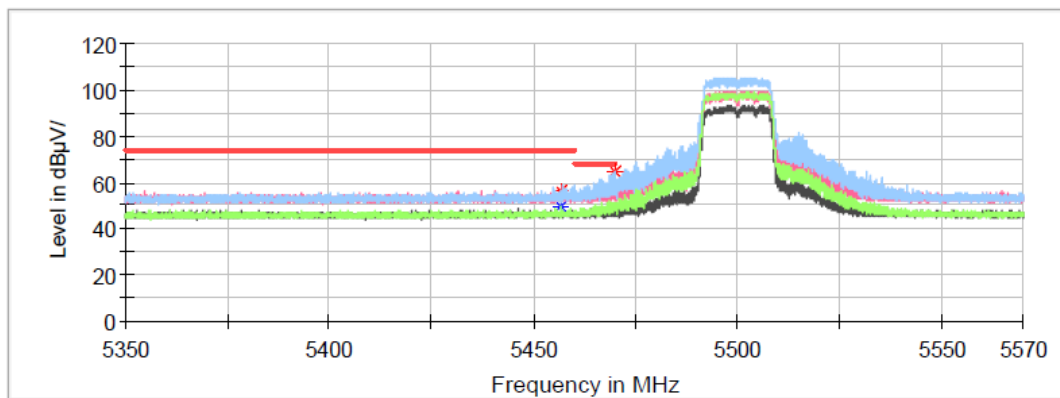
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

Chain 0:

802.11a Mode:**Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11a mode of low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Klein Zhu

Full Spectrum

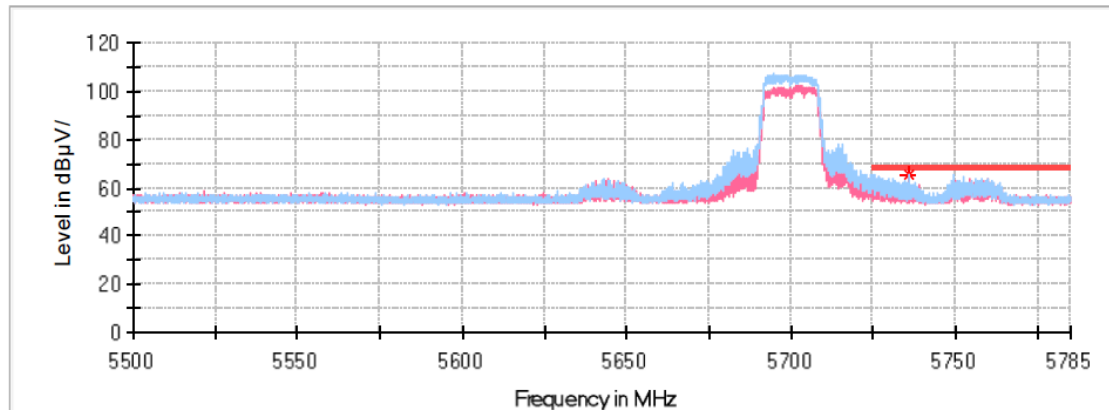
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5456.876000	56.55	---	74.00	17.45	H	9.0
5456.876000	---	49.52	54.00	4.48	H	9.0
5469.944000	64.69	---	68.20	3.51	H	9.0

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

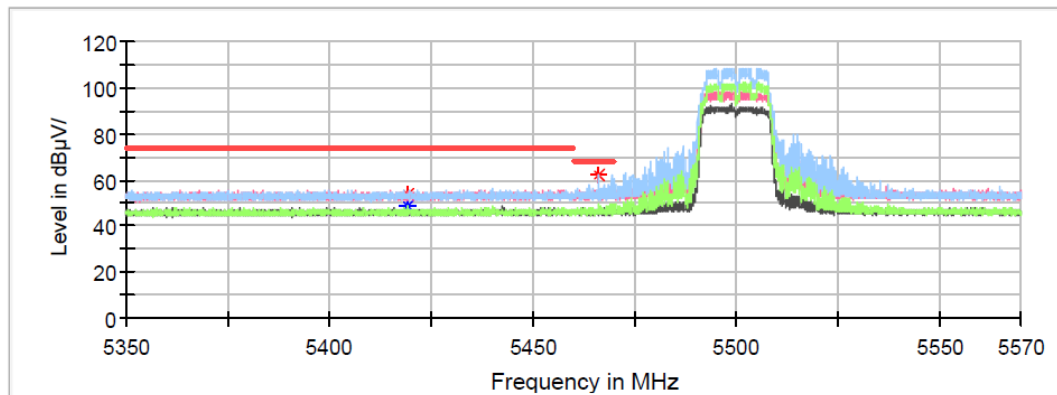
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5735.809000	65.84	---	68.20	2.36	H	10.5

Chain 1:

802.11a Mode:**Common Information**

Project No.:	RKSA240325003
Test Mode:	802.11a mode of low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Klein Zhu

Full Spectrum

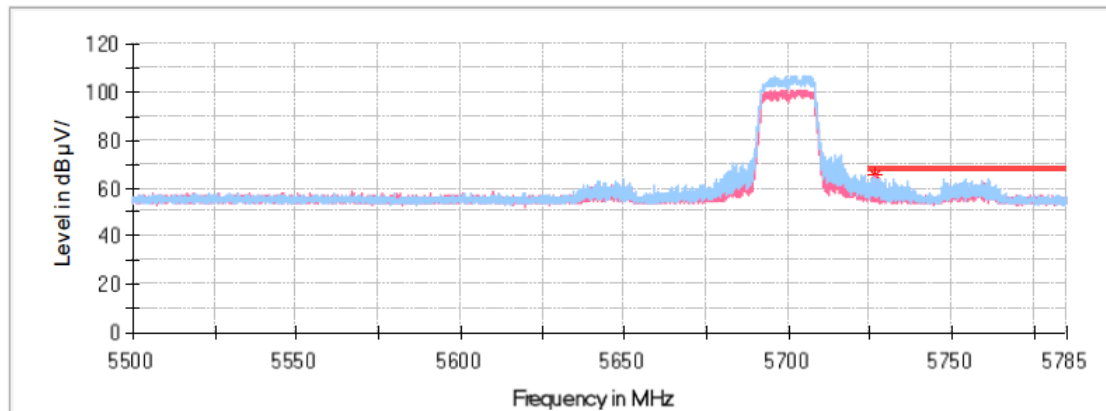
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5419.036000	53.74	---	74.00	20.26	V	8.9
5419.036000	---	48.36	54.00	5.64	V	8.9
5466.270000	62.44	---	68.20	5.76	H	9.0

Common Information

Project No.: RKSA240325003
Test Mode: 802.11a mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



Critical_Freqs

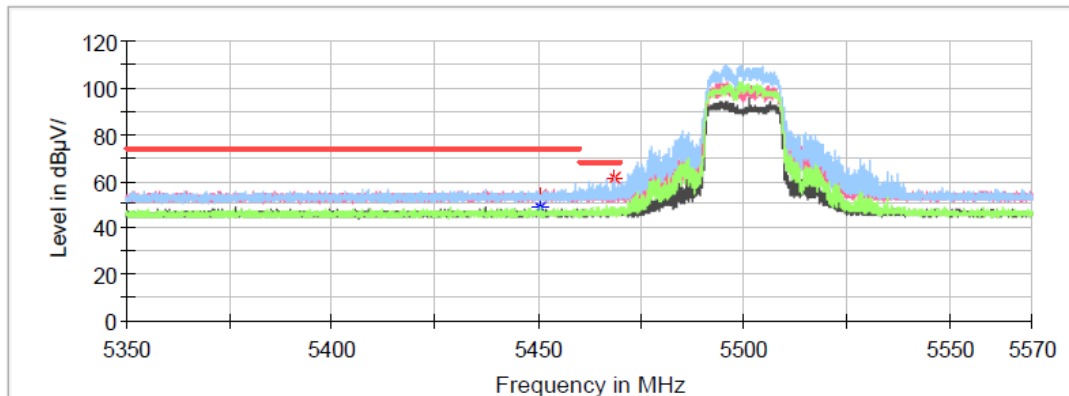
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5726.860000	65.83	---	68.20	2.37	V	10.5

Chain 0+Chain 1:
802.11ac20 Mode:

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Klein Zhu

Full Spectrum



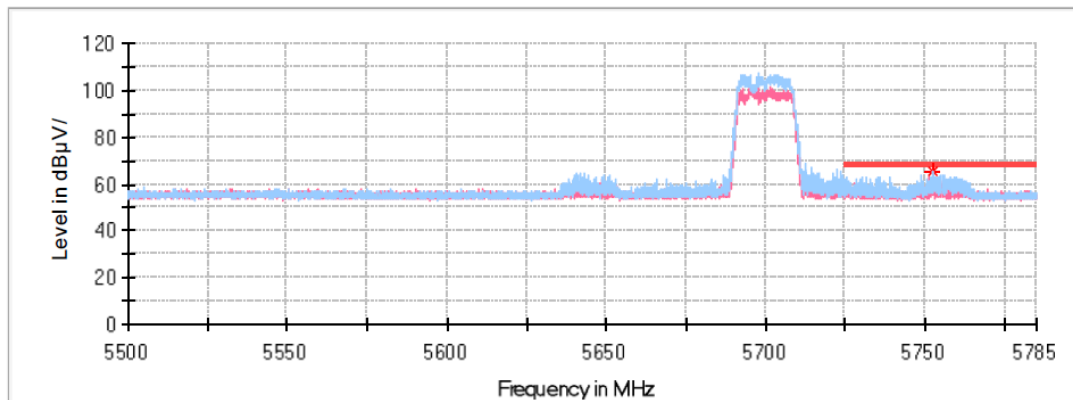
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5450.628000	53.40	---	74.00	20.60	H	9.0
5450.628000	---	48.85	54.00	5.15	H	9.0
5468.360000	61.18	---	68.20	7.02	H	9.0

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac20 mode of high channel
Standard: FCC Part 15.20 5& FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



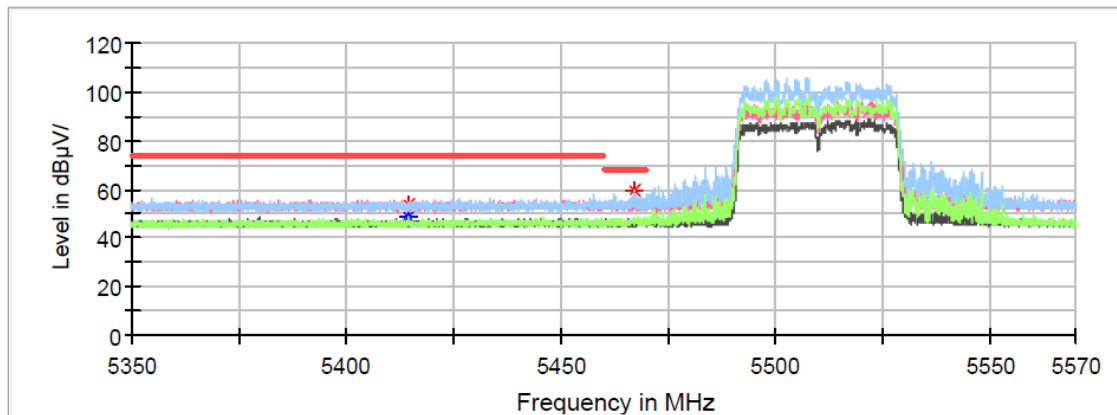
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5752.738000	65.74	---	68.20	2.46	H	10.5

802.11ac40 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac40 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Klein Zhu

Full Spectrum

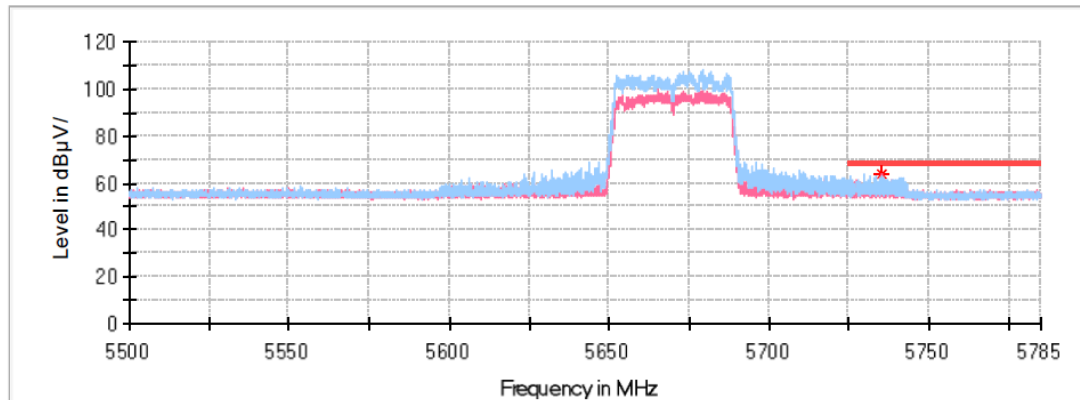
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5414.526000	53.55	---	74.00	20.45	H	8.9
5414.526000	---	48.51	54.00	5.49	H	8.9
5467.150000	59.85	---	68.20	8.35	H	9.0

Common Information

Project No.: RKSA240325003
Test Mode: 802.11ac40 mode of high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Hugh Wu

Full Spectrum



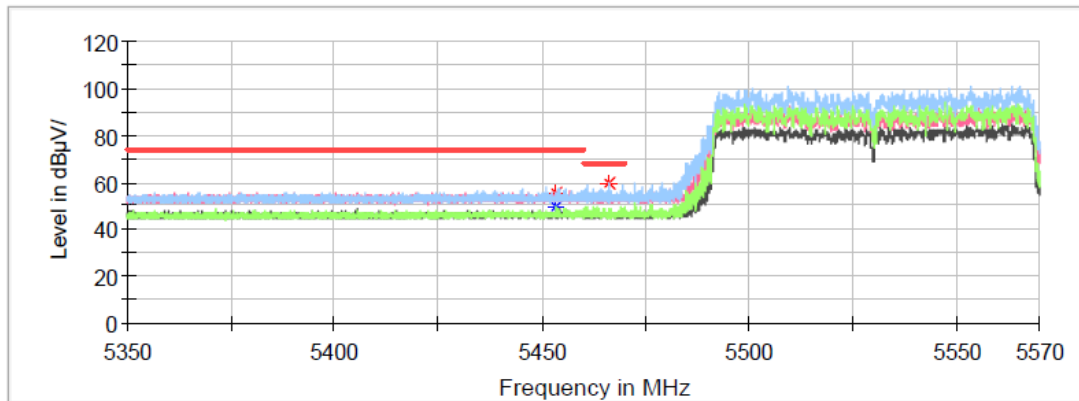
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5735.296000	63.50	---	68.20	4.70	V	10.5

802.11ac80 Mode:**Common Information**

Project No.: RKSA240325003
Test Mode: 802.11ac80 mode of low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Klein Zhu

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5453.466000	55.36	---	74.00	18.64	V	9.0
5453.466000	---	49.12	54.00	4.88	H	9.0
5466.182000	59.48	---	68.20	8.72	H	9.0