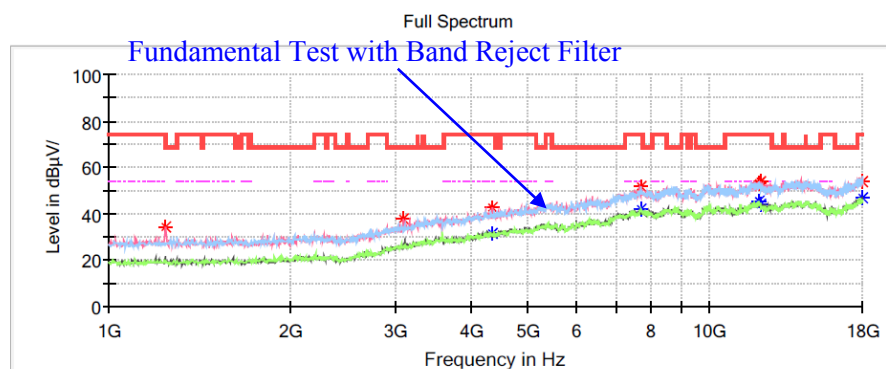


High Channel: 5825MHz**Common Information**

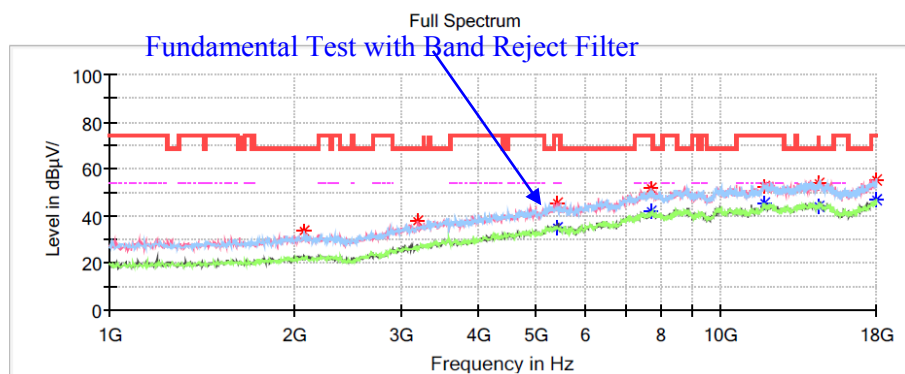
Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11a mode chain 1 High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.7 °C
 Humidity: 43%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/5

**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)
1241.400000	34.51	---	68.20	33.69	V	-15.1
3091.000000	38.09	---	68.20	30.11	V	-8.0
4355.800000	---	31.24	54.00	22.76	H	-4.6
4355.800000	43.00	---	74.00	31.00	H	-4.6
7694.600000	---	42.25	54.00	11.75	V	3.4
7694.600000	51.94	---	74.00	22.06	V	3.4
12090.800000	---	45.65	54.00	8.35	H	9.0
12090.800000	52.96	---	74.00	21.04	H	9.0
12162.200000	---	44.11	54.00	9.89	V	8.9
12162.200000	53.77	---	74.00	20.23	V	8.9
17979.600000	---	46.68	54.00	7.32	V	13.7
17979.600000	54.09	---	74.00	19.91	V	13.7

**MIMO (Chain 0+Chain 1):
802.11ac20 Mode:****Low Channel: 5745MHz****Common Information**

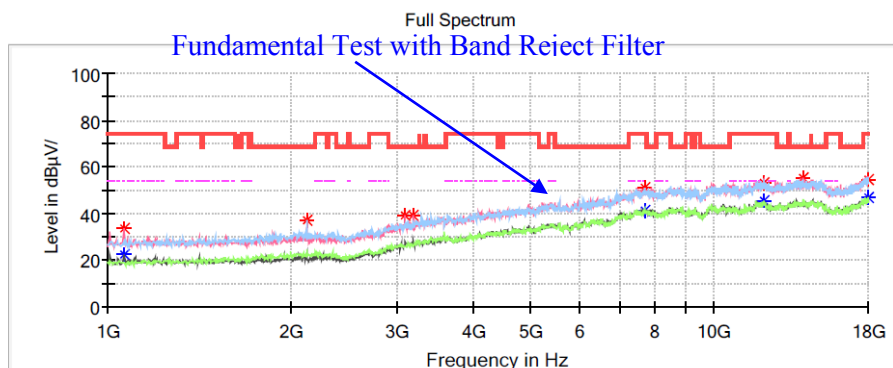
Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11ac20 mode chain 0+1 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.7°C
Humidity:	43%
Atmospheric Pressure:	101.1kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/5

**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)
2084.600000	33.39	---	68.20	34.81	H	-11.4
3189.600000	38.02	---	68.20	30.18	V	-7.6
5409.800000	---	35.11	54.00	18.89	V	-1.8
5409.800000	45.71	---	74.00	28.29	V	-1.8
7681.000000	---	41.70	54.00	12.30	V	3.4
7681.000000	51.73	---	74.00	22.27	V	3.4
11829.000000	---	45.19	54.00	8.81	H	8.7
11829.000000	52.41	---	74.00	21.59	H	8.7
14494.600000	---	44.01	54.00	9.99	H	11.1
14494.600000	54.13	---	74.00	19.87	H	11.1
17993.200000	---	46.85	54.00	7.15	V	13.8
17993.200000	55.51	---	74.00	18.49	V	13.8

Middle Channel: 5785MHz**Common Information**

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11ac20 mode chain 0+1 Middle Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40.3115, PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.7°C
 Humidity: 43%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/5

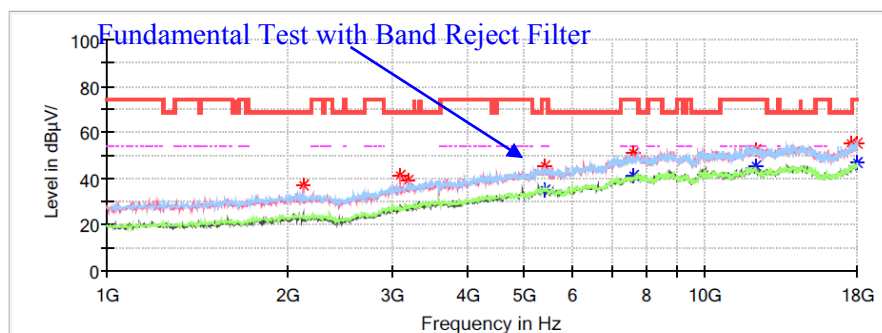
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	22.24	54.00	31.76	V	-15.9
1061.200000	33.52	---	74.00	40.48	V	-15.9
2128.800000	36.78	---	68.20	31.42	H	-11.3
3087.600000	38.94	---	68.20	29.26	V	-8.0
3189.600000	39.48	---	68.20	28.72	V	-7.6
7715.000000	---	41.01	54.00	12.99	V	3.4
7715.000000	51.14	---	74.00	22.86	V	3.4
12087.400000	53.22	---	74.00	20.78	H	9.0
12087.400000	---	45.54	54.00	8.46	H	9.0
14015.200000	55.06	---	68.20	13.14	V	10.7
17962.600000	54.28	---	74.00	19.72	H	13.6
17962.600000	---	47.10	54.00	6.90	H	13.6

High Channel: 5825MHz**Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11ac20 mode chain 0+1 High Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.7°C
Humidity:	43%
Atmospheric Pressure:	101.1kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/5

Full Spectrum

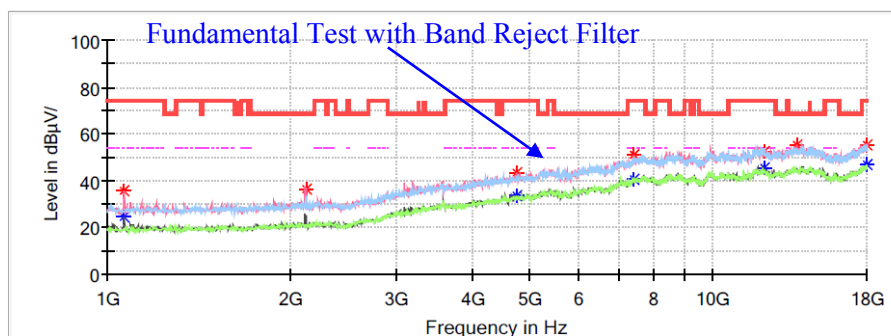
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2125.400000	37.03	---	68.20	31.17	V	-11.3
3087.600000	41.13	---	68.20	27.07	V	-8.0
3189.600000	39.47	---	68.20	28.73	V	-7.6
5403.000000	45.31	---	74.00	28.69	V	-1.8
5403.000000	---	35.00	54.00	19.00	V	-1.8
7596.000000	51.37	---	74.00	22.63	V	3.3
7596.000000	---	41.19	54.00	12.81	V	3.3
12145.200000	52.69	---	74.00	21.31	V	9.0
12145.200000	---	45.62	54.00	8.38	V	9.0
17537.600000	55.06	---	68.20	13.14	V	11.0
17993.200000	---	46.86	54.00	7.14	H	13.8
17993.200000	55.58	---	74.00	18.42	H	13.8

802.11ac40 Mode:**Low Channel: 5755MHz****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac40 mode chain 0+1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

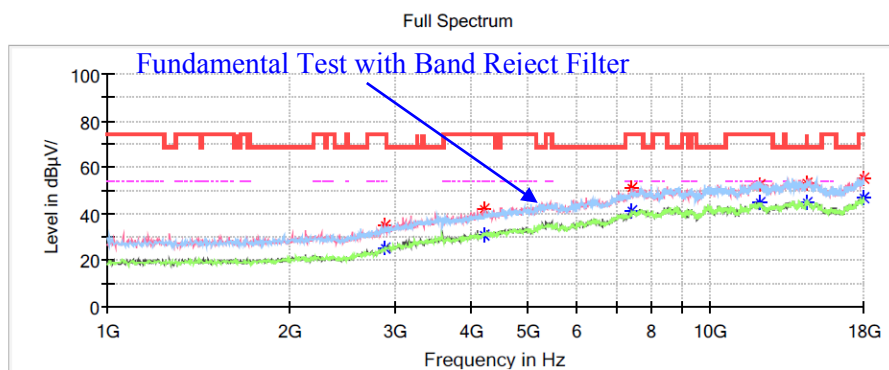
Full Spectrum

**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)
1064.600000	---	24.31	54.00	29.69	V	-15.9
1064.600000	35.92	---	74.00	38.08	V	-15.9
2125.400000	36.09	---	68.20	32.11	V	-11.3
4743.400000	---	33.74	54.00	20.26	H	-3.6
4743.400000	43.45	---	74.00	30.55	H	-3.6
7419.200000	---	40.85	54.00	13.15	V	3.0
7419.200000	50.80	---	74.00	23.20	V	3.0
12152.000000	52.46	---	74.00	21.54	H	8.9
12152.000000	---	45.65	54.00	8.35	H	8.9
13753.400000	55.40	---	68.20	12.80	V	10.2
17989.800000	55.37	---	74.00	18.63	V	13.8
17989.800000	---	47.10	54.00	6.90	V	13.8

High Channel: 5795MHz**Common Information**

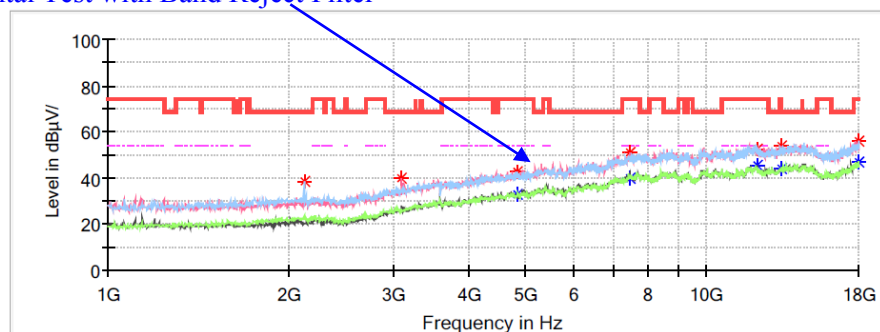
Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11ac40 mode chain 0+1 High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.7°C
 Humidity: 43%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/5

**Critical_Freqs**

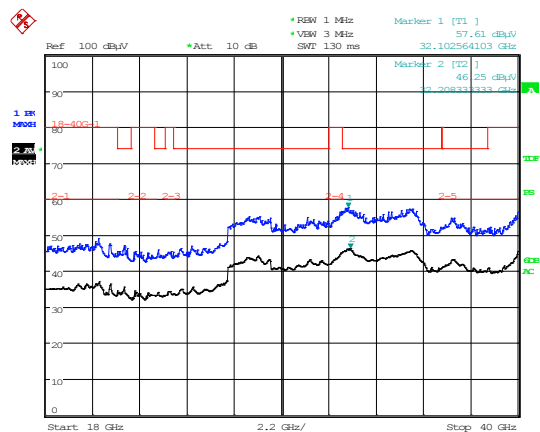
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2893.800000	---	24.96	54.00	29.04	H	-8.8
2893.800000	34.91	---	74.00	39.09	H	-8.8
4219.800000	---	31.09	54.00	22.91	H	-4.7
4219.800000	41.79	---	74.00	32.21	H	-4.7
7412.400000	50.80	---	74.00	23.20	V	3.0
7412.400000	---	41.12	54.00	12.88	V	3.0
12101.000000	---	44.95	54.00	9.05	H	9.0
12101.000000	52.26	---	74.00	21.74	H	9.0
14494.600000	53.02	---	74.00	20.98	H	11.1
14494.600000	---	44.88	54.00	9.12	H	11.1
17996.600000	55.31	---	74.00	18.69	H	13.8
17996.600000	---	46.87	54.00	7.13	H	13.8

802.11ac80 Mode:**Channel: 5775MHz****Common Information**

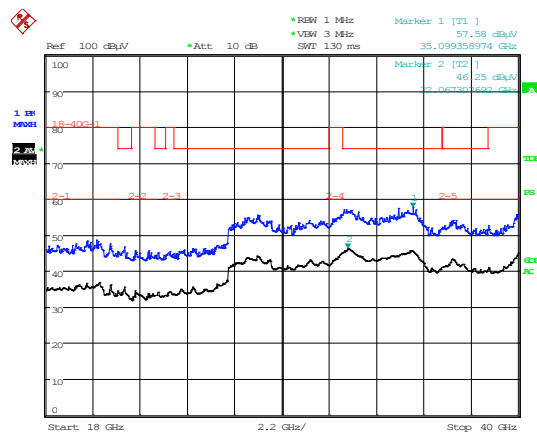
Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac80 mode chain 0+1
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7℃
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Fundamental Test with Band Reject Filter 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)
2125.400000	38.22	---	68.20	29.98	H	-11.3
3091.000000	39.89	---	68.20	28.31	V	-8.0
4835.200000	42.70	---	74.00	31.30	H	-3.3
4835.200000	---	33.10	54.00	20.90	H	-3.3
7446.400000	51.09	---	74.00	22.91	V	3.1
7446.400000	---	40.05	54.00	13.95	V	3.1
12152.000000	52.51	---	74.00	21.49	V	8.9
12152.000000	---	45.61	54.00	8.39	V	8.9
13352.200000	---	44.27	54.00	9.73	H	9.4
13352.200000	53.85	---	74.00	20.15	H	9.4
17996.600000	---	47.01	54.00	6.99	V	13.8
17996.600000	56.09	---	74.00	17.91	V	13.8

18GHz-40GHz:**Transmitting in 802.11ac20 mode 5745MHz (maximum output power)****Horizontal**

Project No.: RKSA260709001 Tester: Hugh Wu
 Date: 31.JUL.2026 13:33:17

Vertical

Project No.: RKSA260709001 Tester: Hugh Wu
 Date: 31.JUL.2026 14:06:11

Note: The test distance is 1.5m.

Extrapolation factor of 20dB/decade from 3m to 1.5m

Distance extrapolation factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1.5m]})$ dB

Limit = Specific limits(dBμV/m) + distance extrapolation factor (6 dB)

Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
35.10	57.58	---	74.2	16.62	V	22.32
32.10	57.61	---	74.2	16.59	H	23.24

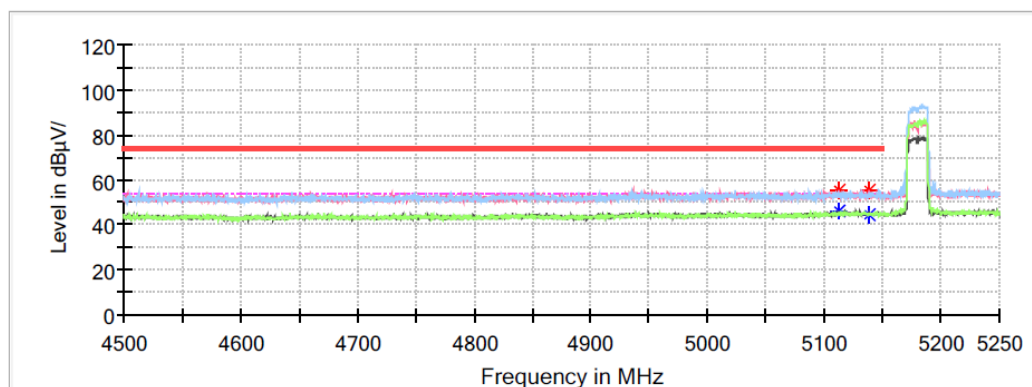
Restricted Bands Emissions Test (5150-5250MHz Band):

Chain 0

802.11a Mode:**Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11a mode chain 0 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.9°C
Humidity:	44%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/4

Full Spectrum

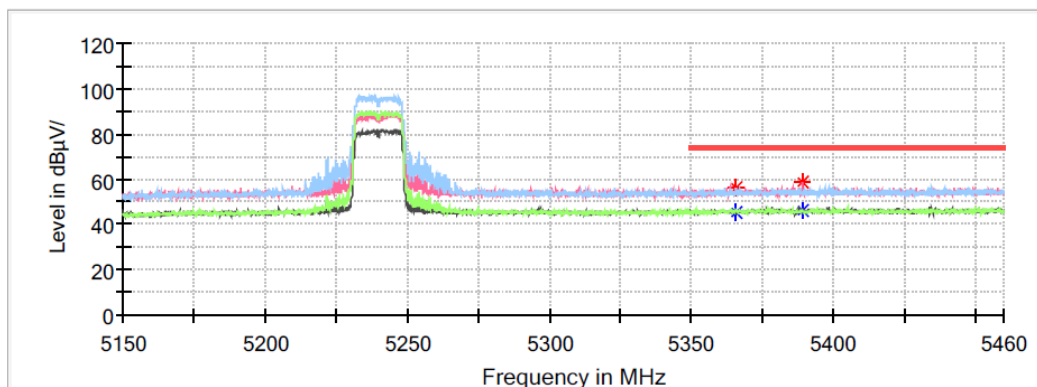
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5113.050000	55.63	---	74.00	18.37	V	7.5
5113.050000	---	46.28	54.00	7.72	V	7.5
5138.100000	55.68	---	74.00	18.32	H	7.6
5138.100000	---	44.83	54.00	9.17	H	7.6

Common Information

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11a mode chain 0 High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.9°C
 Humidity: 44%
 Atmospheric Pressure: 101.2kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/4

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)
5365.636000	56.17	---	74.00	17.83	V	8.2
5365.636000	---	45.58	54.00	8.42	V	8.2
5389.444000	---	45.86	54.00	8.14	V	8.2
5389.444000	58.35	---	74.00	15.65	V	8.2

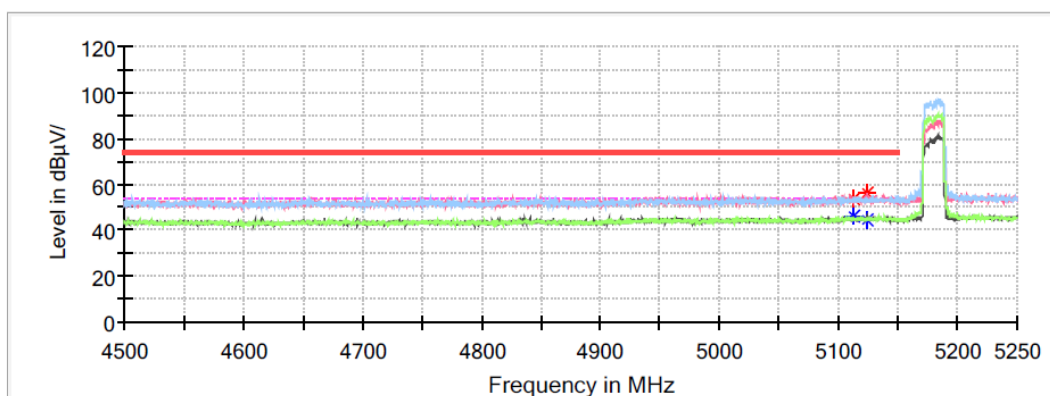
Chain 1

802.11a Mode:

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11a mode chain 1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9°C
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

Full Spectrum



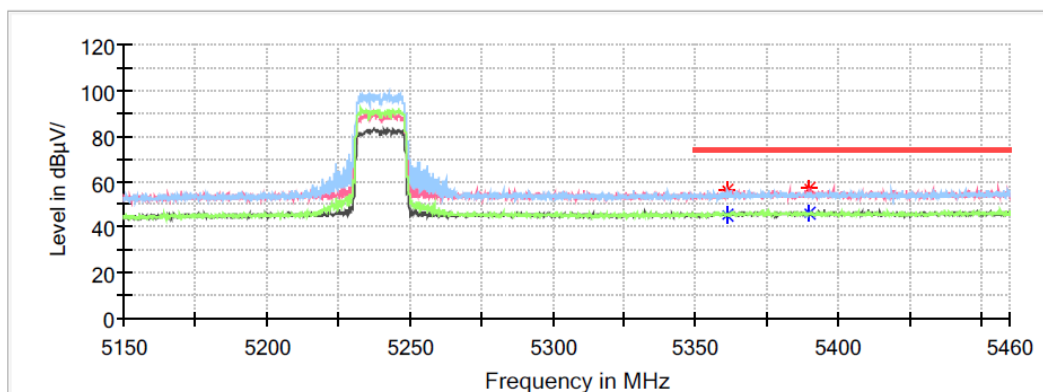
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
5112.450000	---	46.28	54.00	7.72	V	7.5
5112.450000	53.39	---	74.00	20.61	V	7.5
5123.850000	---	44.54	54.00	9.46	H	7.6
5123.850000	55.91	---	74.00	18.09	H	7.6

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11a mode chain 1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9°C
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

Full Spectrum



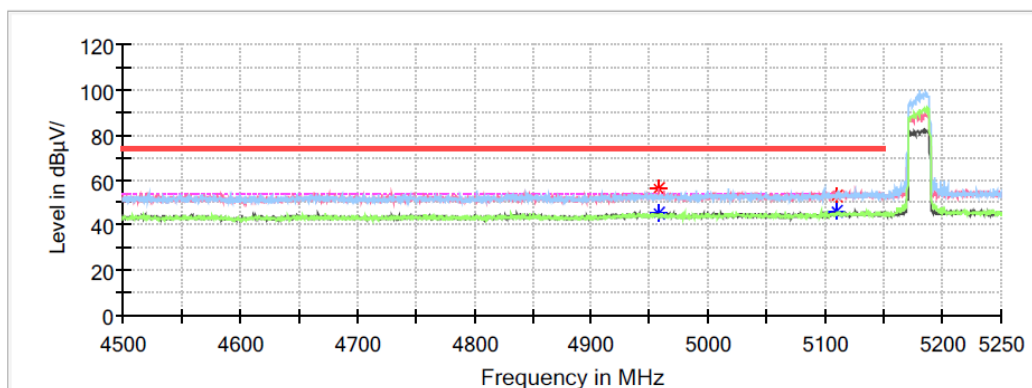
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5361.420000	56.17	---	74.00	17.83	H	8.2
5361.420000	---	45.41	54.00	8.59	H	8.2
5390.064000	---	45.77	54.00	8.23	V	8.2
5390.064000	56.79	---	74.00	17.21	V	8.2

MIMO(Chain 0+Chain 1):**802.11ac20 Mode:****Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11ac20 mode chain 0+1 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.9°C
Humidity:	44%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/4

Full Spectrum

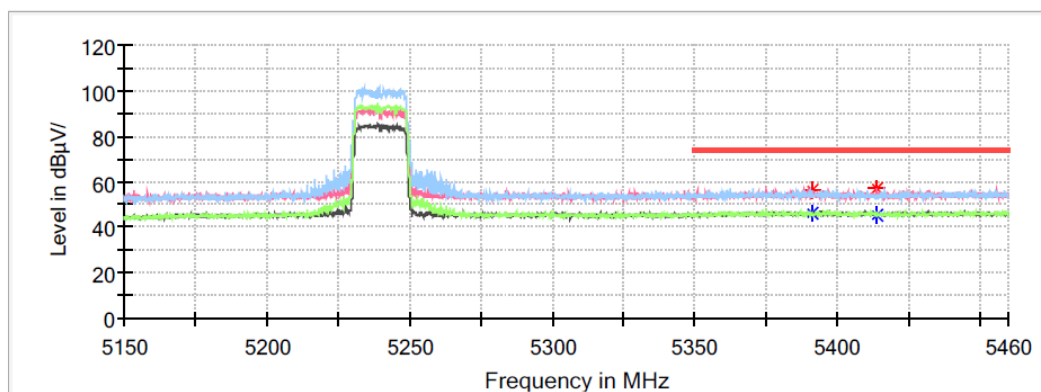
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4957.650000	---	45.44	54.00	8.56	V	7.1
4957.650000	56.39	---	74.00	17.61	V	7.1
5108.850000	---	46.24	54.00	7.76	V	7.5
5108.850000	53.21	---	74.00	20.79	V	7.5

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac20 mode chain 0+1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9℃
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

Full Spectrum



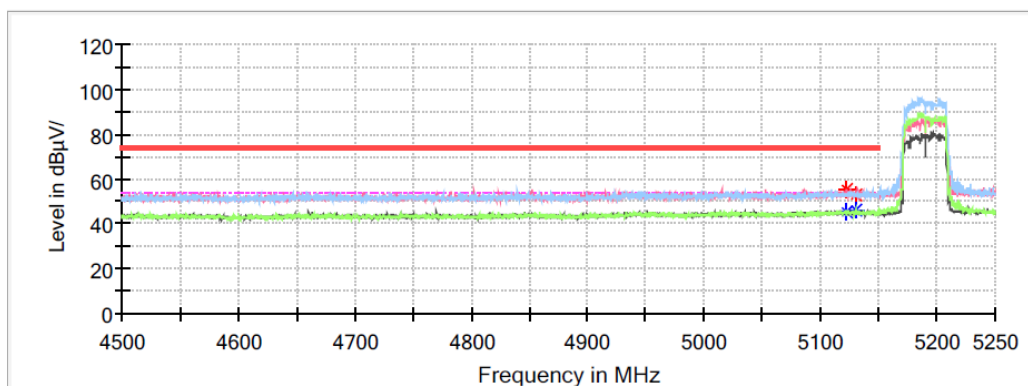
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5391.118000	56.31	---	74.00	17.69	V	8.2
5391.118000	---	45.74	54.00	8.26	V	8.2
5414.120000	---	45.36	54.00	8.64	V	8.3
5414.120000	56.94	---	74.00	17.06	V	8.3

802.11ac40 Mode:**Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac40 mode chain 0+1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9°C
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

Full Spectrum

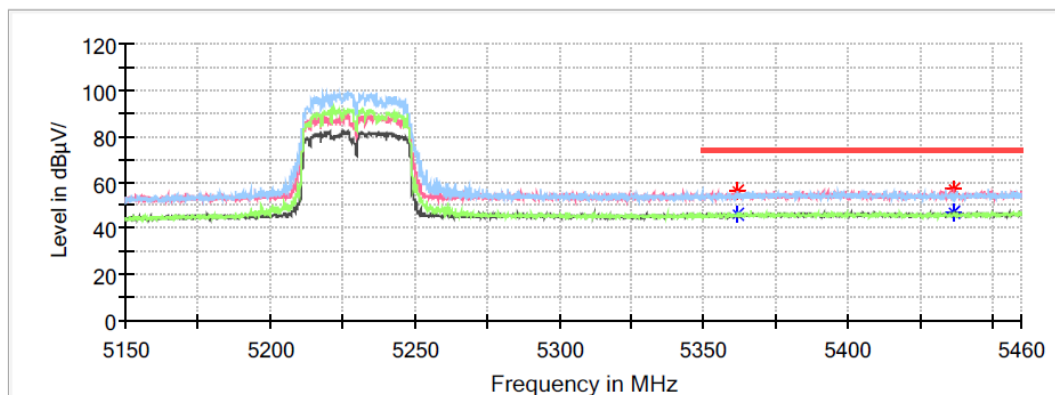
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5122.350000	---	45.09	54.00	8.91	H	7.6
5122.350000	55.76	---	74.00	18.24	H	7.6
5129.700000	---	46.37	54.00	7.63	H	7.6
5129.700000	52.79	---	74.00	21.21	H	7.6

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac40 mode chain 0+1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9°C
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

Full Spectrum



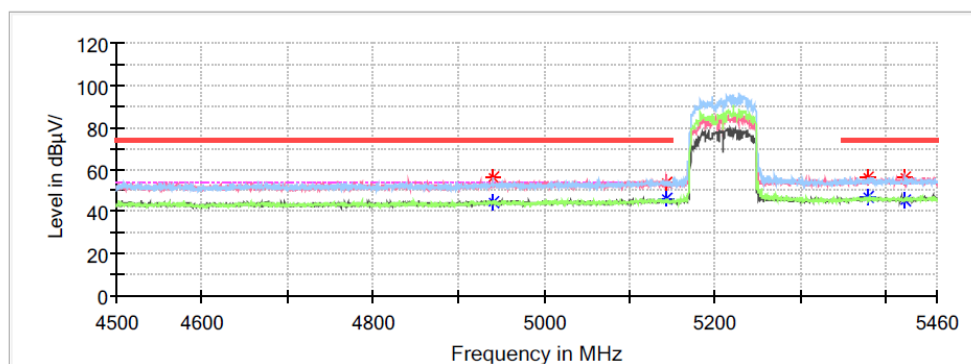
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5361.730000	56.16	---	74.00	17.84	H	8.2
5361.730000	---	46.07	54.00	7.93	H	8.2
5436.874000	---	46.60	54.00	7.40	V	8.4
5436.874000	57.25	---	74.00	16.75	V	8.4

802.11ac80 Mode:**Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac80 Chain0+1 mode
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.9℃
Humidity: 44%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/4

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)
4940.832000	56.00	---	74.00	18.00	H	7.1
4940.832000	---	44.20	54.00	9.80	H	7.1
5143.392000	53.68	---	74.00	20.32	H	7.6
5143.392000	---	46.25	54.00	7.75	H	7.6
5379.552000	56.55	---	74.00	17.45	H	8.2
5379.552000	---	46.72	54.00	7.28	H	8.2
5423.712000	---	45.41	54.00	8.59	V	8.3
5423.712000	56.58	---	74.00	17.42	V	8.3

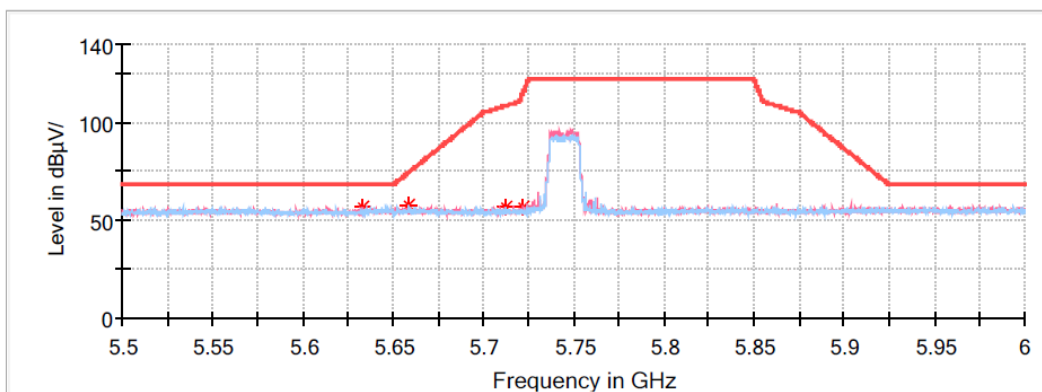
Bandedge Emissions Test (5725-5850MHz Band):

Chain 0

802.11a Mode:**Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11a mode chain 0 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	25.7 °C
Humidity:	43%
Atmospheric Pressure:	101.1kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/5

Full Spectrum

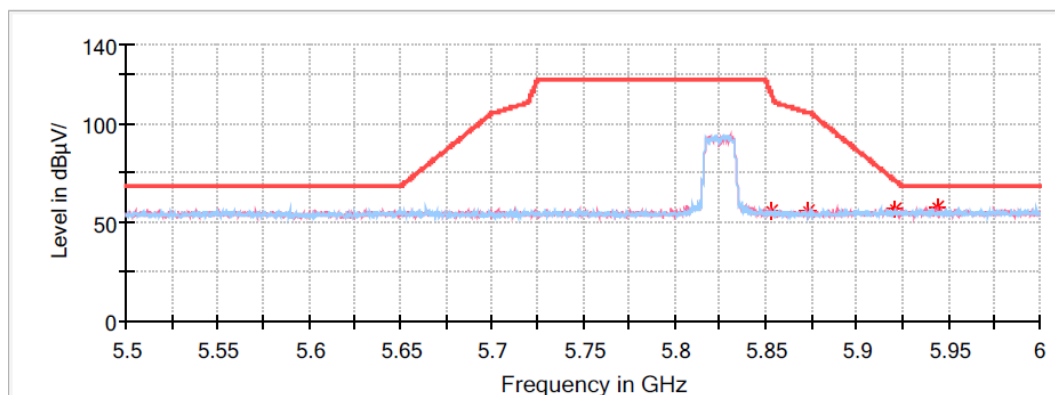
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5633.500000	56.54	---	68.20	11.66	V	8.8
5658.400000	57.45	---	74.42	16.96	H	8.8
5712.900000	57.20	---	108.81	51.61	H	8.9
5722.500000	56.72	---	116.50	59.78	V	9.0

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11a mode chain 0 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

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)
5852.900000	55.43	---	115.59	60.16	H	9.2
5873.200000	55.96	---	105.70	49.75	V	9.3
5920.900000	56.90	---	71.23	14.34	V	9.4
5943.600000	57.57	---	68.20	10.63	V	9.4

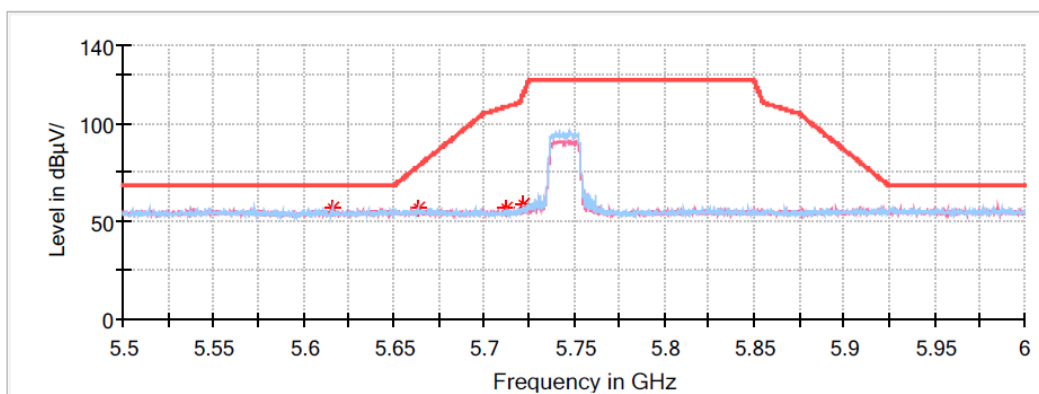
Chain 1

802.11a Mode:

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11a mode chain 1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Full Spectrum



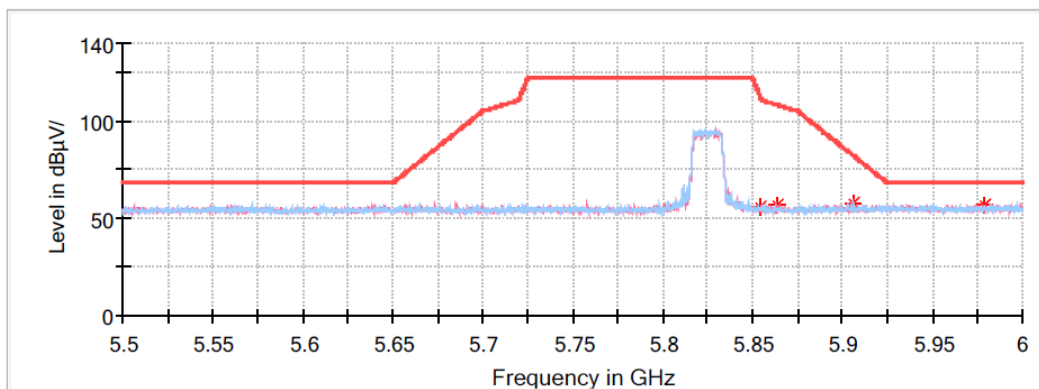
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5615.800000	56.89	---	68.20	11.31	H	8.8
5663.800000	56.80	---	78.41	21.61	H	8.8
5712.800000	56.52	---	108.78	52.26	V	8.9
5722.200000	58.79	---	115.82	57.03	H	9.0

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11a mode chain 1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Full Spectrum



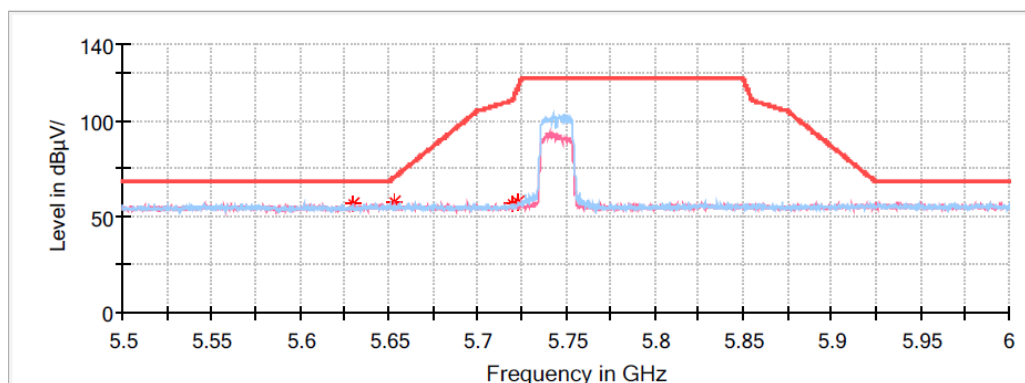
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5853.900000	55.47	---	113.31	57.84	H	9.2
5864.000000	56.58	---	108.28	51.70	V	9.2
5906.400000	57.47	---	81.96	24.50	H	9.3
5979.200000	57.27	---	68.20	10.93	H	9.5

MIMO(Chain 0+Chain 1):**802.11ac20 Mode:****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac20 mode chain 0+1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Full Spectrum

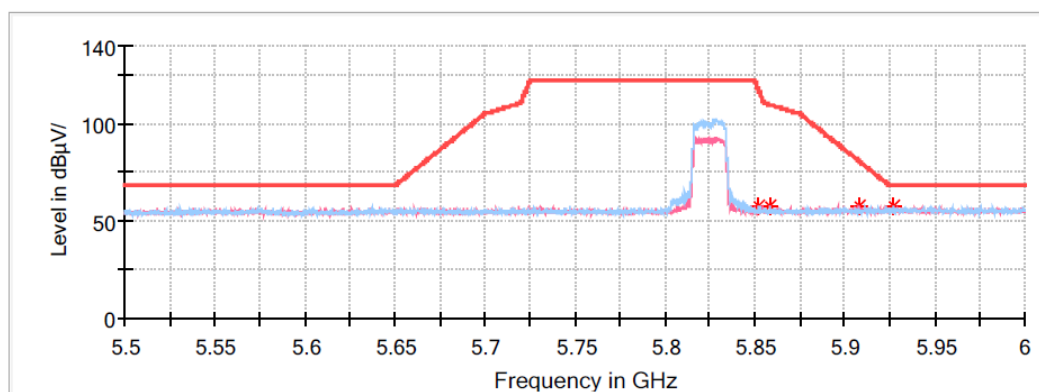
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5630.400000	56.77	---	68.20	11.43	V	8.8
5653.700000	57.28	---	70.94	13.66	V	8.8
5719.900000	56.79	---	110.77	53.98	V	9.0
5723.200000	57.79	---	118.10	60.30	H	9.0

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac20 mode chain 0+1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Full Spectrum



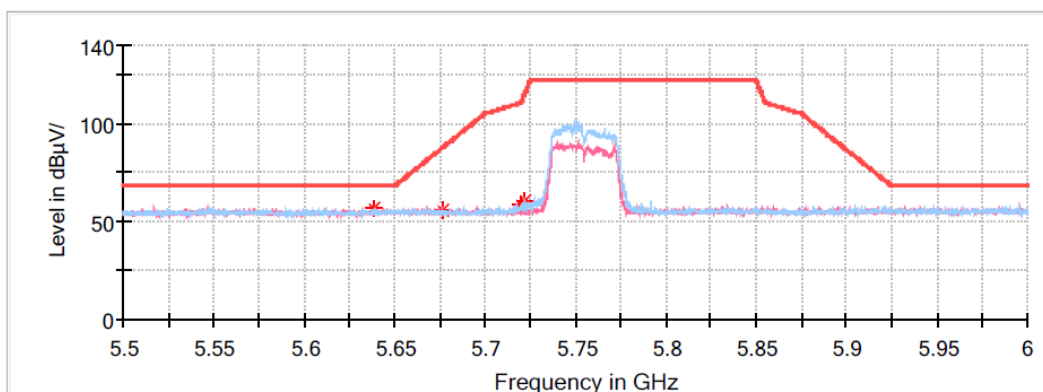
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.300000	58.24	---	116.96	58.72	H	9.2
5858.700000	57.41	---	109.76	52.35	H	9.2
5908.300000	57.32	---	80.56	23.24	V	9.3
5927.400000	58.05	---	68.20	10.15	H	9.4

802.11ac40 Mode:**Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11ac40 mode chain 0+1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 25.7°C
Humidity: 43%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/5

Full Spectrum

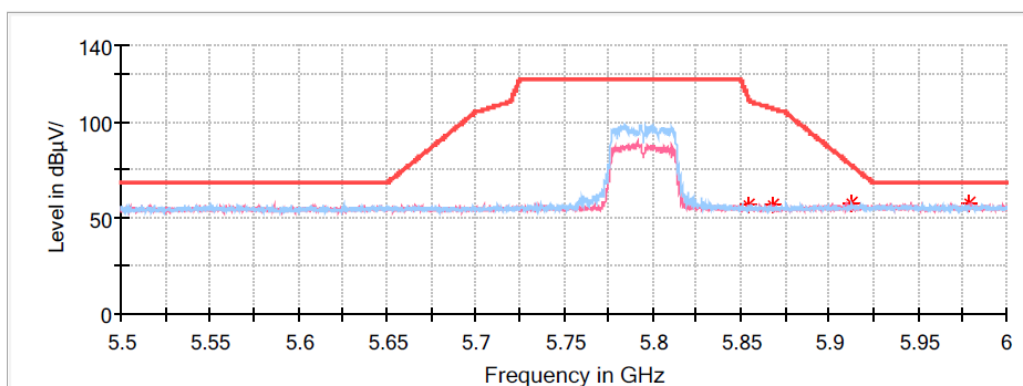
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5638.100000	56.84	---	68.20	11.36	V	8.8
5676.300000	55.96	---	87.66	31.70	H	8.9
5719.600000	58.97	---	110.69	51.72	H	9.0
5721.900000	61.04	---	115.13	54.10	H	9.0

Common Information

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11ac40 mode chain 0+1 High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.7°C
 Humidity: 43%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/5

Full Spectrum



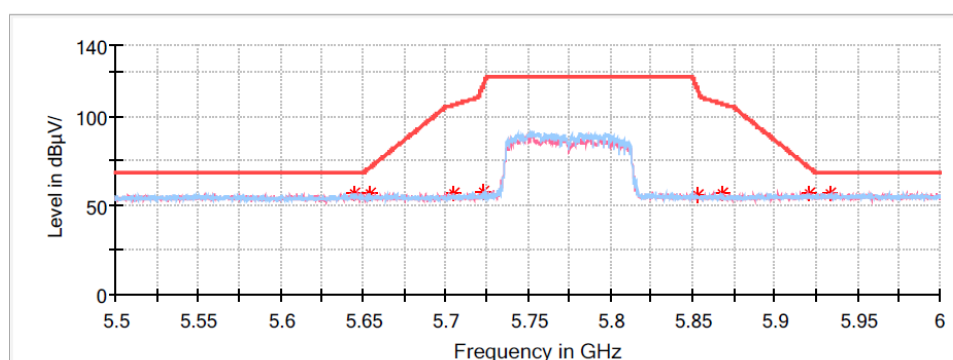
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5854.500000	56.86	---	111.94	55.08	H	9.2
5867.600000	57.15	---	107.27	50.13	V	9.3
5912.700000	57.45	---	77.30	19.85	H	9.3
5978.600000	58.23	---	68.20	9.97	V	9.5

802.11ac80 Mode:**Common Information**

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in 802.11ac80 mode chain 0+1
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 25.7°C
 Humidity: 43%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/5

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)
5644.800000	57.16	---	68.20	11.04	H	8.8
5654.700000	56.52	---	71.68	15.16	H	8.8
5705.100000	56.37	---	106.63	50.26	H	8.9
5723.200000	58.12	---	118.10	59.98	H	9.0
5853.100000	55.89	---	115.13	59.24	H	9.2
5868.000000	56.83	---	107.16	50.33	H	9.3
5921.000000	56.88	---	71.16	14.28	H	9.4
5933.500000	57.18	---	68.20	11.02	V	9.4

EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-08-06 to 2026-08-07
Temperature:	25.8-26 °C
Relative Humidity:	48-50 %
ATM Pressure:	100.9-101.2 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

Test Result: Compliant*5150-5250 MHz:*

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Chain 0	Chain 1	Chain 0	Chain 1
802.11a	Low	5180	18.669	18.418	16.350	16.350
	Middle	5200	18.669	18.569	16.350	16.350
	High	5240	18.569	18.519	16.350	16.350
802.11ac20	Low	5180	19.520	19.520	17.500	17.500
	Middle	5200	19.570	19.570	17.500	17.550
	High	5240	19.520	19.520	17.500	17.500
802.11ac40	Low	5190	42.543	41.642	36.400	36.200
	High	5230	42.042	42.242	36.300	36.300
802.11ac80	Middle	5210	92.693	89.089	75	74.800

Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz

5725-5850MHz:

Test mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
802.11a	Low	5745	16.350	16.350
	Middle	5785	16.350	16.350
	High	5825	16.350	16.350
802.11ac20	Low	5745	17.550	17.550
	Middle	5785	17.550	17.500
	High	5825	17.550	17.500
802.11ac40	Low	5755	36.200	36.300
	High	5795	36.300	36.300
802.11ac80	Middle	5775	75.200	75

Note: the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz

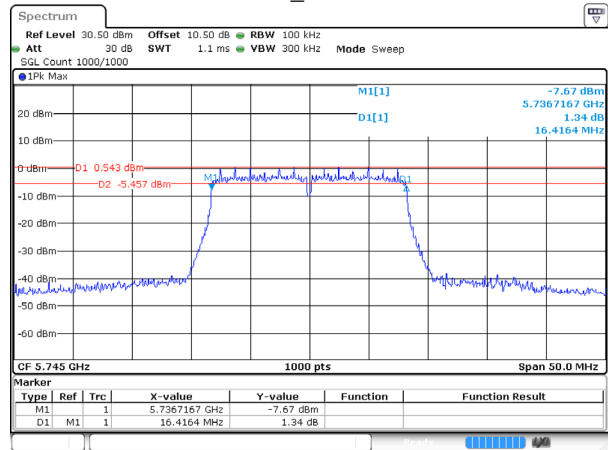
Test mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)
			Chain 0	Chain 1	
802.11a	Low	5745	16.416	16.416	0.5
	Middle	5785	16.416	16.416	
	High	5825	16.366	16.416	
802.11ac20	Low	5745	17.668	17.618	
	Middle	5785	17.668	17.618	
	High	5825	17.668	17.618	
802.11ac40	Low	5755	35.335	35.335	
	High	5795	35.235	35.235	
802.11ac80	Middle	5775	75.475	75.475	

Chain 0

6dB Bandwidth

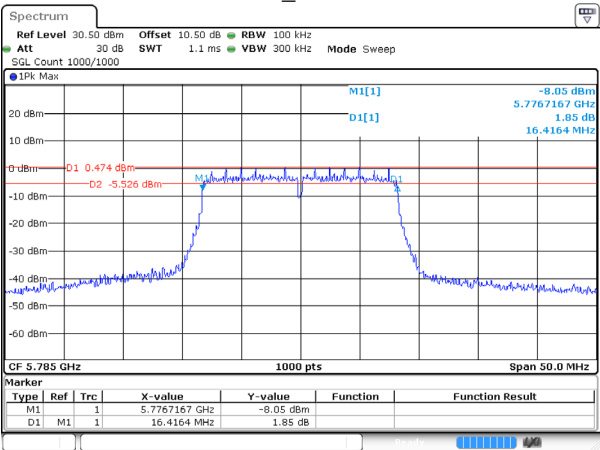
5725-5850 MHz Band

802.11a_5745MHz



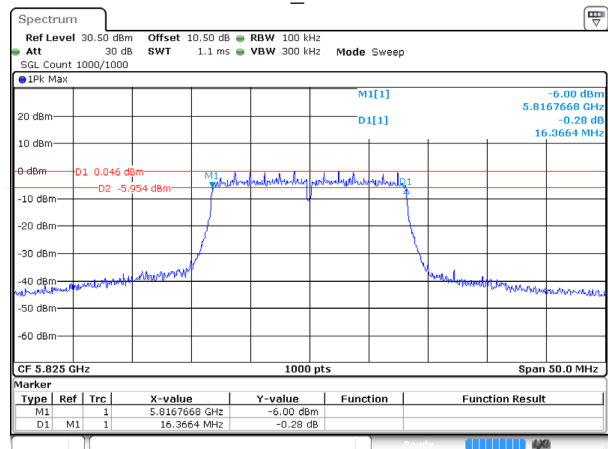
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802.11a_5785MHz



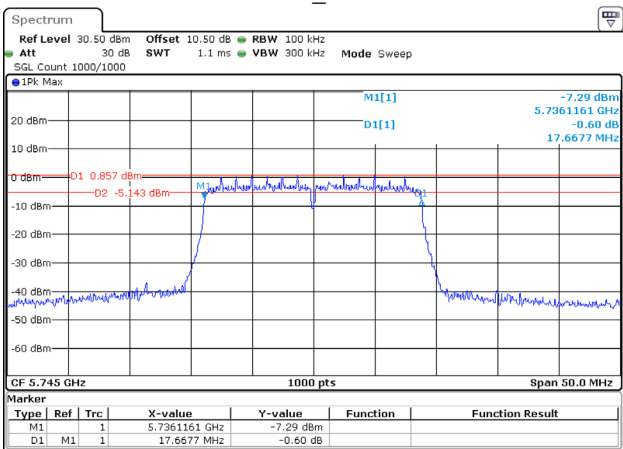
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802.11a_5825MHz



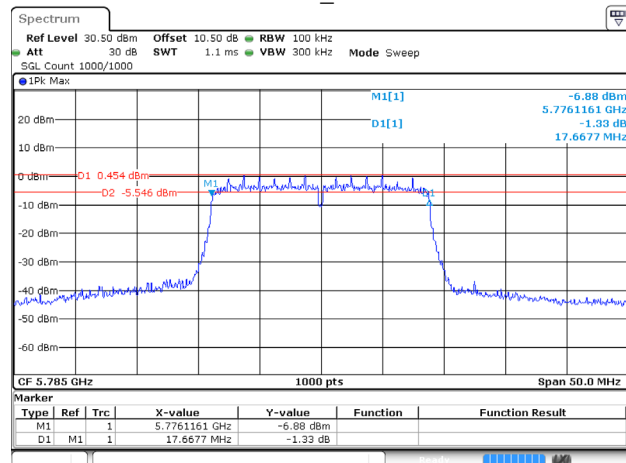
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802.11ac20_5745MHz



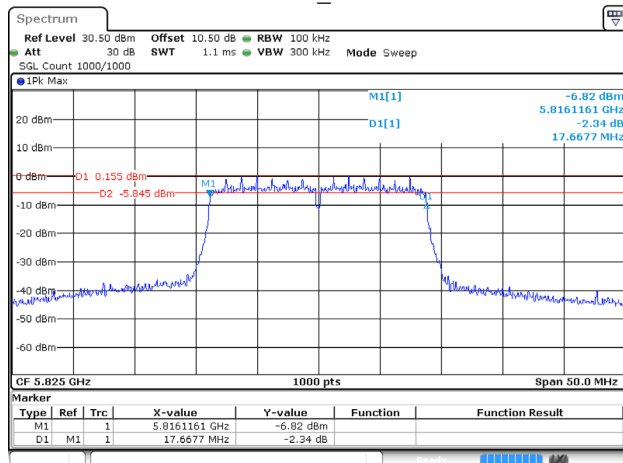
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802.11ac20_5785MHz



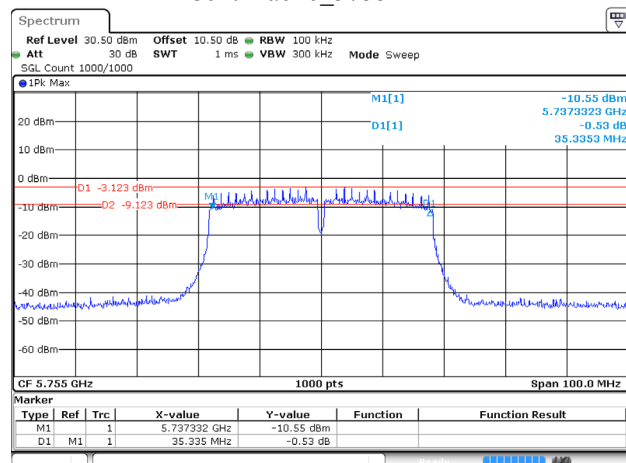
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802.11ac20_5825MHz



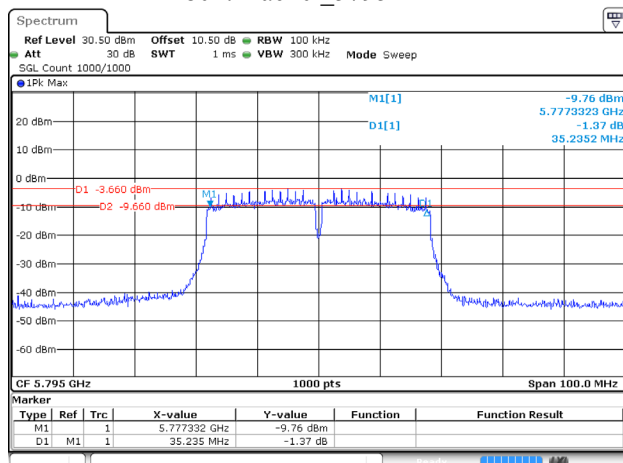
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802.11ac40_5755MHz



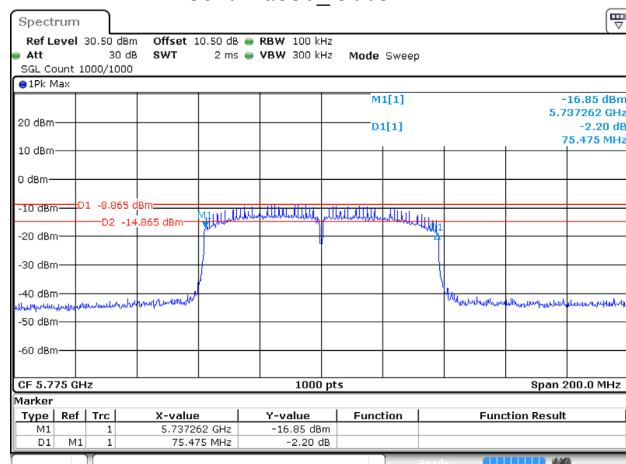
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Date: 6 AUG 2026 20:14:04

802.11ac40_5795MHz



ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 6 AUG 2026 20:31:25

802.11ac80_5775MHz



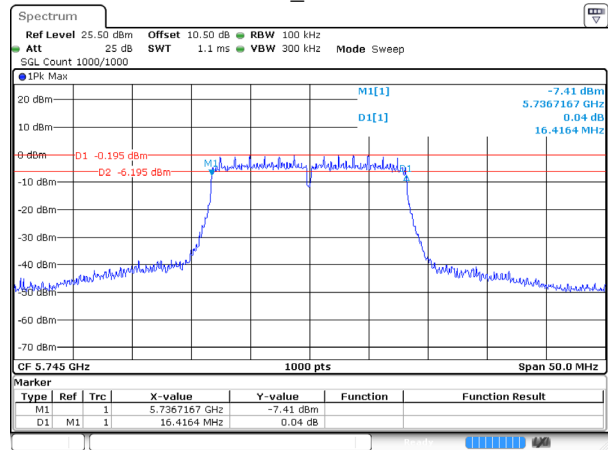
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Date: 7 AUG 2026 11:08:26

Chain 1

6dB Bandwidth

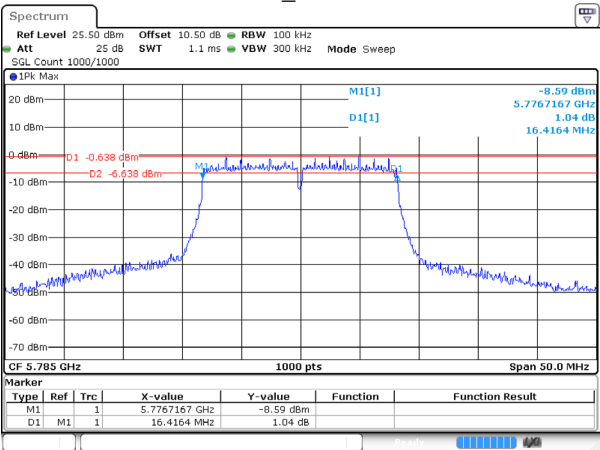
5725-5850 MHz Band

802.11a_5745MHz



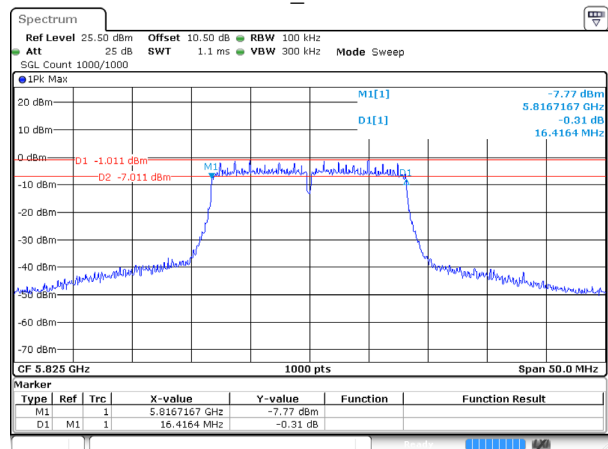
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802.11a_5785MHz



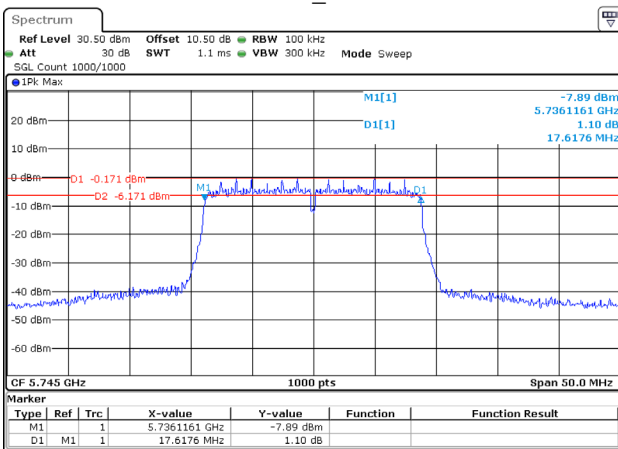
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802.11a_5825MHz



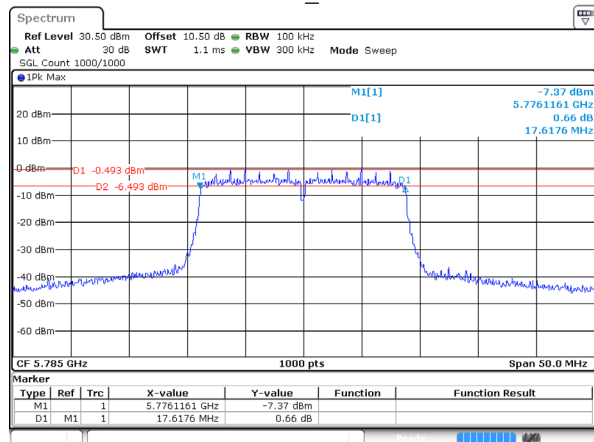
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802.11ac20_5745MHz



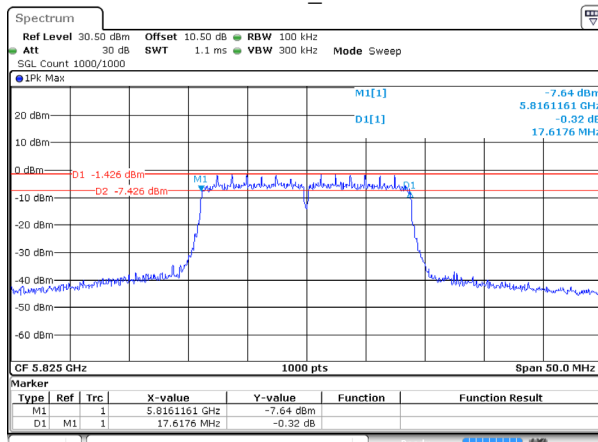
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802.11ac20_5785MHz



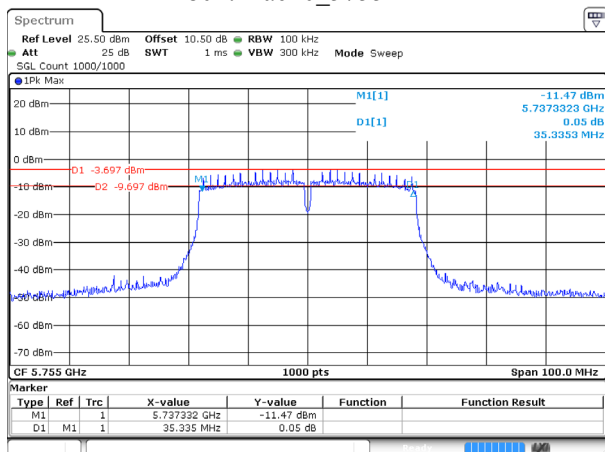
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802.11ac20_5825MHz



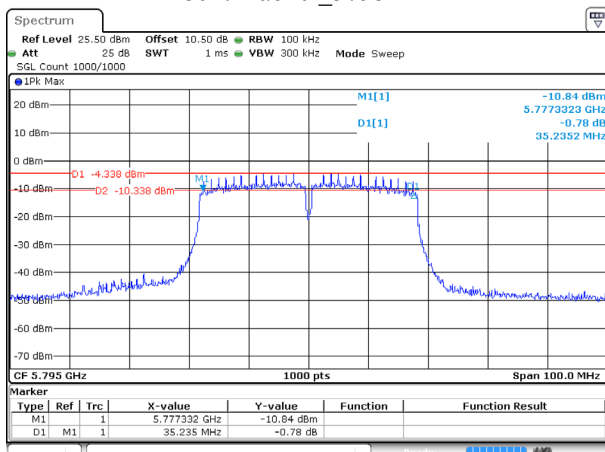
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802.11ac40_5755MHz



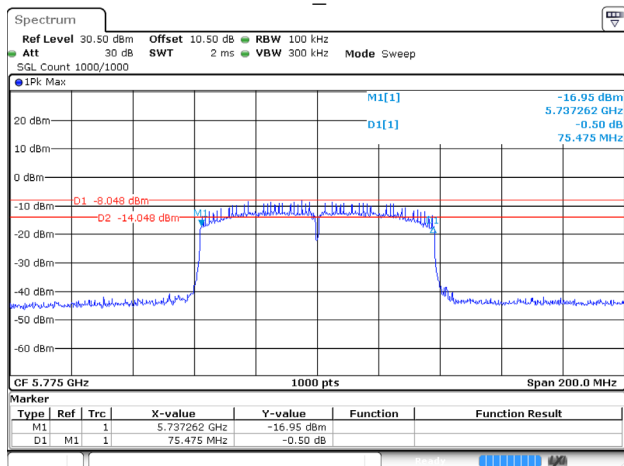
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802.11ac40_5795MHz



ProjectNo.:RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 12:18:17

802.11ac80_5775MHz



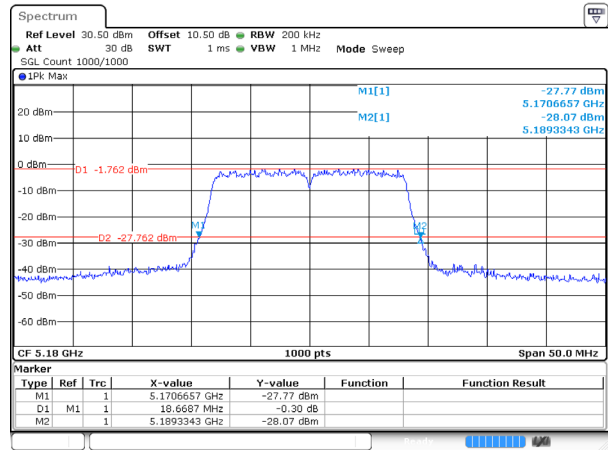
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26 Bandwidth

Chain 0

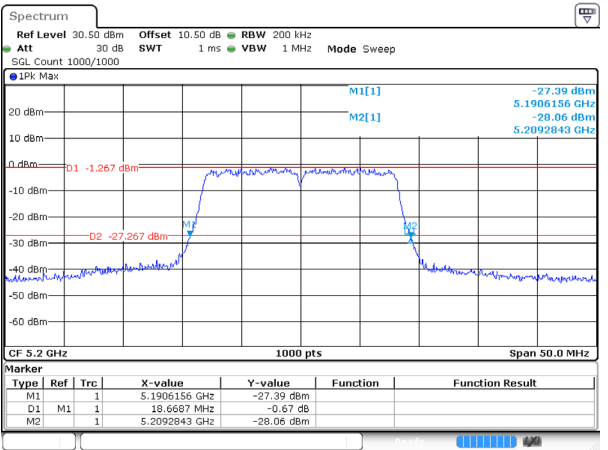
5150-5250 MHz Band:

802.11a_5180MHz



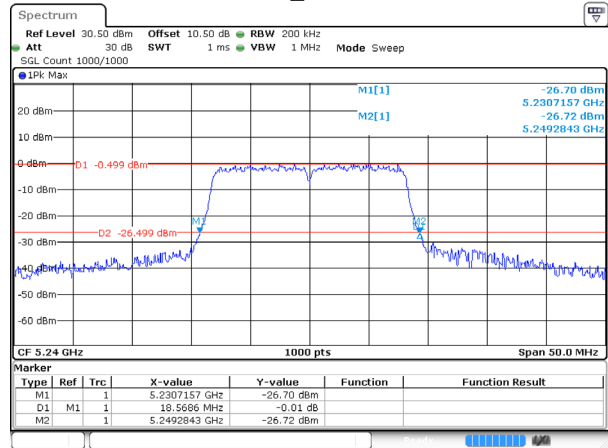
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802.11a_5200MHz



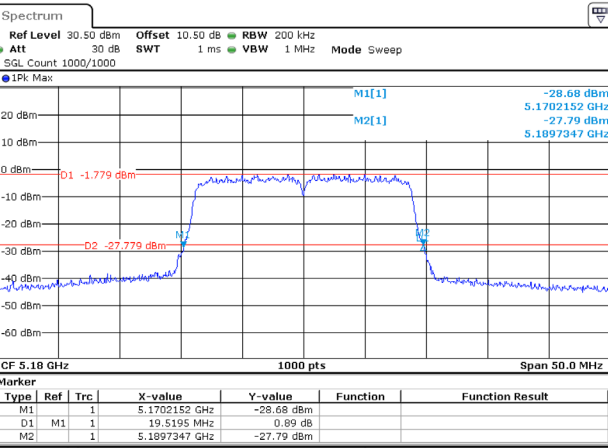
ProjectNo.:RKSA260709001 Tester:Hugh Wu
Date: 6.AUG.2026 17:14:34

802.11a_5240MHz



ProjectNo.:RKSA260709001 Tester:Hugh Wu
Date: 6.AUG.2026 17:17:23

802.11ac20_5180MHz



ProjectNo.:RKSA260709001 Tester:Hugh Wu
Date: 6.AUG.2026 18:07:56