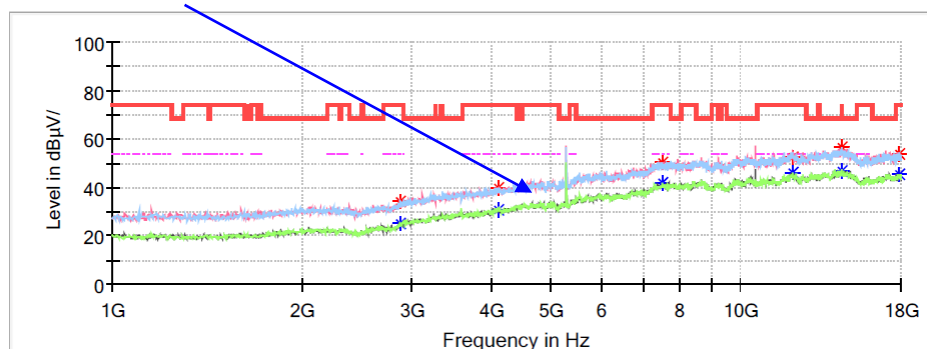


Middle Channel: 5300MHz**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Fundamental Test with Band Reject Filter

Full Spectrum

**Critical_Freqs**

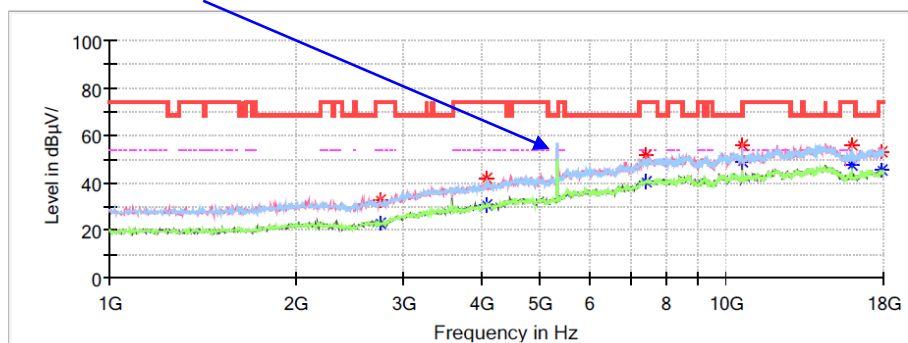
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2876.800000	33.99	---	74.00	40.01	V	-8.4
2876.800000	---	25.13	54.00	28.87	V	-8.4
4121.200000	39.99	---	74.00	34.01	H	-4.8
4121.200000	---	30.85	54.00	23.15	H	-4.8
7521.200000	50.39	---	74.00	23.61	H	3.0
7521.200000	---	41.64	54.00	12.36	H	3.0
12094.200000	52.76	---	74.00	21.24	H	9.0
12094.200000	---	46.20	54.00	7.80	H	9.0
14477.600000	---	46.69	54.00	7.31	H	11.9
14477.600000	56.33	---	74.00	17.67	H	11.9
17925.200000	---	45.39	54.00	8.61	V	11.6
17925.200000	53.53	---	74.00	20.47	V	11.6

High Channel: 5320MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Fundamental Test with Band Reject Filter

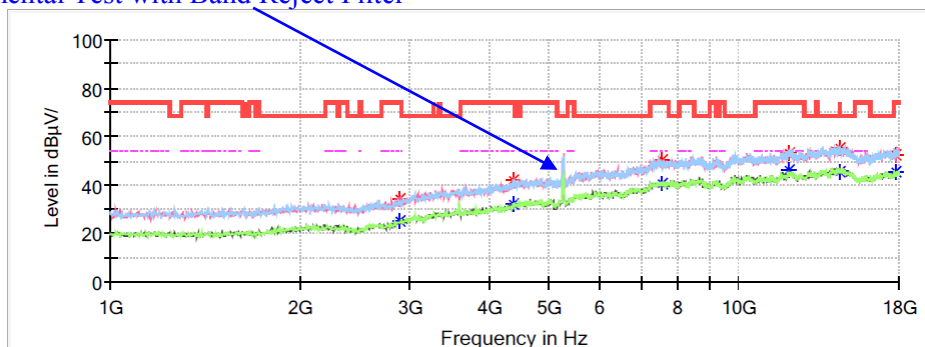
Full Spectrum

**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)
2751.000000	---	23.38	54.00	30.62	H	-8.8
2751.000000	33.09	---	74.00	40.91	H	-8.8
4080.400000	---	31.03	54.00	22.97	H	-4.8
4080.400000	42.11	---	74.00	31.89	H	-4.8
7422.600000	51.85	---	74.00	22.15	V	2.7
7422.600000	---	40.39	54.00	13.61	V	2.7
10639.000000	55.61	---	74.00	18.39	V	6.7
10639.000000	---	48.61	54.00	5.39	V	6.7
15970.200000	55.85	---	74.00	18.15	V	8.8
15970.200000	---	47.42	54.00	6.58	V	8.8
17840.200000	---	45.71	54.00	8.29	H	11.3
17840.200000	52.84	---	74.00	21.16	H	11.3

802.11n40 Mode:**Low Channel: 5270MHz****Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Fundamental Test with Band Reject Filter Full Spectrum**Critical Freqs**

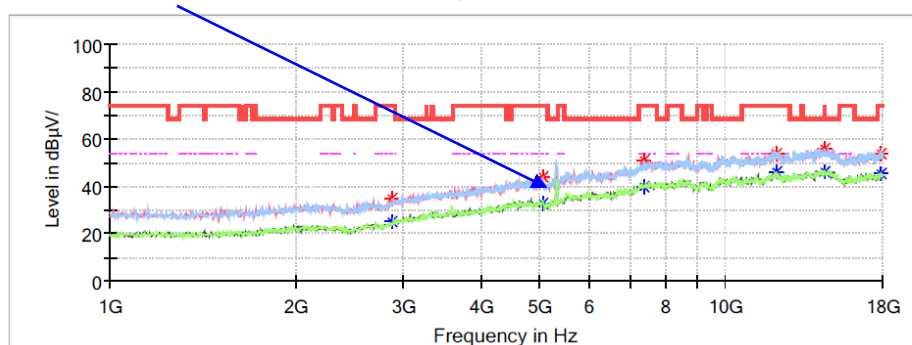
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2893.800000	---	25.15	54.00	28.85	V	-8.4
2893.800000	33.99	---	74.00	40.01	V	-8.4
4383.000000	---	32.01	54.00	21.99	H	-4.4
4383.000000	42.15	---	74.00	31.85	H	-4.4
7551.800000	---	40.37	54.00	13.63	V	3.0
7551.800000	50.19	---	74.00	23.81	V	3.0
12029.600000	---	45.85	54.00	8.15	H	9.1
12029.600000	53.33	---	74.00	20.67	H	9.1
14474.200000	---	45.64	54.00	8.36	V	11.9
14474.200000	54.94	---	74.00	19.06	V	11.9
17796.000000	---	45.40	54.00	8.60	V	11.2
17796.000000	52.32	---	74.00	21.68	V	11.2

High Channel: 5310MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Fundamental Test with Band Reject Filter

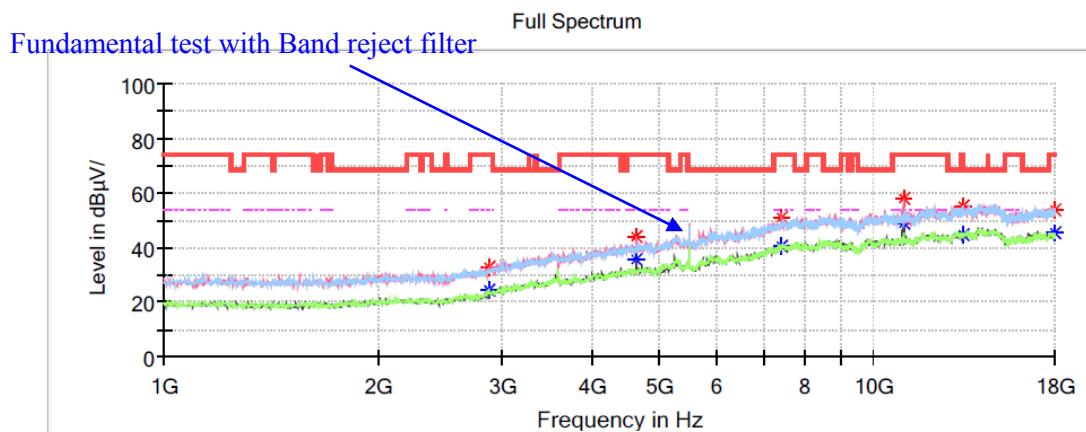
Full Spectrum

**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)
2870.000000	---	25.40	54.00	28.60	V	-8.4
2870.000000	34.82	---	74.00	39.18	V	-8.4
5032.400000	44.39	---	74.00	29.61	V	-2.8
5032.400000	---	32.61	54.00	21.39	V	-2.8
7351.200000	51.24	---	74.00	22.76	H	2.5
7351.200000	---	40.04	54.00	13.96	H	2.5
12131.600000	---	46.48	54.00	7.52	H	9.0
12131.600000	54.15	---	74.00	19.85	H	9.0
14481.000000	---	46.35	54.00	7.65	V	11.9
14481.000000	56.00	---	74.00	18.00	V	11.9
17860.600000	---	45.66	54.00	8.34	V	11.4
17860.600000	54.03	---	74.00	19.97	V	11.4

1GHz-18GHz(5470-5725MHz Band):**802.11a Mode:****Low Channel: 5500MHz****Common Information**

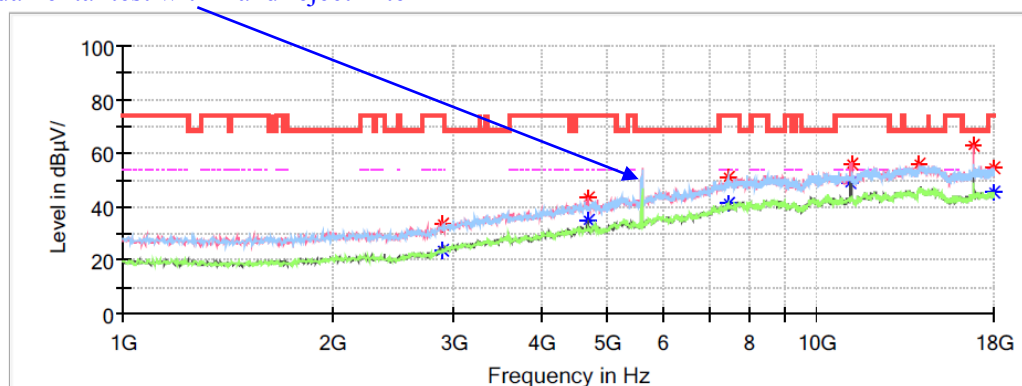
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2℃
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

**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)
2866.600000	---	24.23	54.00	29.77	V	-8.4
2866.600000	32.66	---	74.00	41.34	V	-8.4
4631.200000	44.13	---	74.00	29.87	V	-3.9
4631.200000	---	35.35	54.00	18.65	V	-3.9
7436.200000	---	40.60	54.00	13.40	V	2.8
7436.200000	51.15	---	74.00	22.85	V	2.8
11002.800000	---	49.03	54.00	4.97	V	6.6
11002.800000	58.14	---	74.00	15.86	V	6.6
13389.600000	54.91	---	74.00	19.09	H	9.8
13389.600000	---	44.80	54.00	9.20	H	9.8
17976.200000	53.98	---	74.00	20.02	H	11.7
17976.200000	---	45.65	54.00	8.35	H	11.7

Middle Channel: 5580MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11a mode Middle Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Fundamental test with Band reject filter Full Spectrum**Critical Freqs**

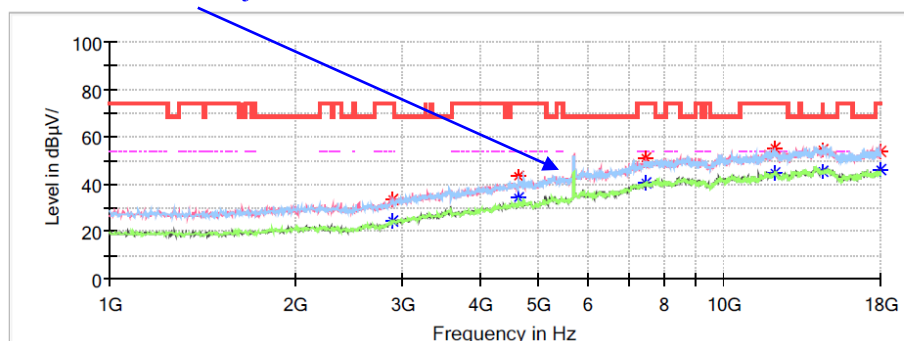
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2883.600000	33.44	---	74.00	40.56	H	-8.4
2883.600000	---	23.81	54.00	30.19	H	-8.4
4675.400000	43.63	---	74.00	30.37	V	-3.7
4675.400000	---	35.07	54.00	18.93	V	-3.7
7439.600000	50.81	---	74.00	23.19	H	2.8
7439.600000	---	41.23	54.00	12.77	H	2.8
11200.600000	---	49.08	54.00	4.92	V	7.2
11200.000000	56.00	---	74.00	18.00	V	7.2
14035.600000	56.21	---	68.20	11.99	V	11.2
16803.200000	62.88	---	68.20	5.32	V	10.2
17989.800000	54.57	---	74.00	19.43	V	11.7
17989.800000	---	45.77	54.00	8.23	V	11.7

High Channel: 5700MHz**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2℃
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Fundamental test with Band reject filter

Full Spectrum

**Critical_Freqs**

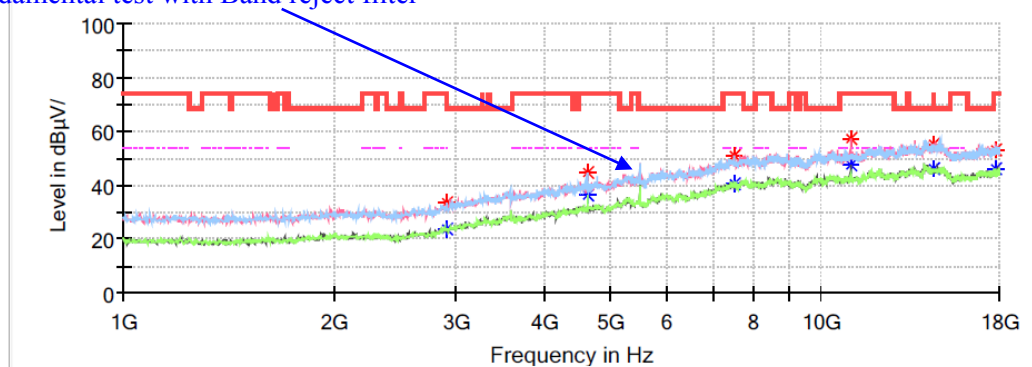
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2893.800000	33.87	---	74.00	40.13	H	-8.4
2893.800000	---	24.36	54.00	29.64	H	-8.4
4621.000000	43.24	---	74.00	30.76	H	-3.9
4621.000000	---	34.01	54.00	19.99	H	-3.9
7460.000000	50.71	---	74.00	23.29	V	2.9
7460.000000	---	40.87	54.00	13.13	V	2.9
12124.800000	55.06	---	74.00	18.94	H	9.0
12124.800000	---	44.89	54.00	9.11	H	9.0
14474.200000	---	45.74	54.00	8.26	H	11.9
14474.200000	54.71	---	74.00	19.29	H	11.9
17993.200000	53.50	---	74.00	20.50	H	11.8
17993.200000	---	46.15	54.00	7.85	H	11.8

802.11n20 Mode:**Low Channel: 5500MHz****Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2℃
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Full Spectrum

Fundamental test with Band reject filter

**Critical_Freqs**

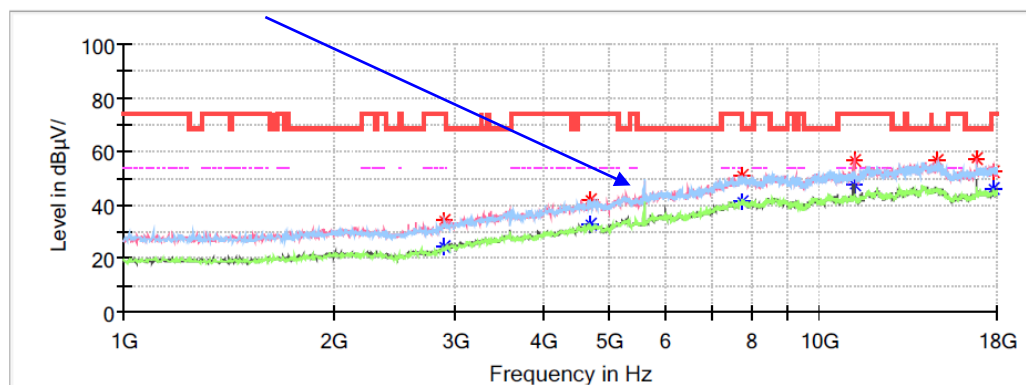
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB)
2904.000000	33.36	---	68.20	34.84	H	-8.3
2904.000000	---	23.60	---	---	H	-8.3
4634.600000	44.94	---	74.00	29.06	H	-3.9
4634.600000	---	36.10	54.00	17.90	H	-3.9
7507.600000	50.94	---	74.00	23.06	H	3.0
7507.600000	---	40.48	54.00	13.52	H	3.0
10999.400000	---	47.58	54.00	6.42	V	6.6
10999.400000	57.47	---	74.00	16.53	V	6.6
14474.200000	---	45.91	54.00	8.09	H	11.9
14474.200000	55.30	---	74.00	18.70	H	11.9
17816.400000	53.39	---	74.00	20.61	V	11.3
17816.400000	---	46.26	54.00	7.74	V	11.3

Middle Channel: 5580MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode Middle Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Fundamental test with Band reject filter

Full Spectrum

**Critical_Freqs**

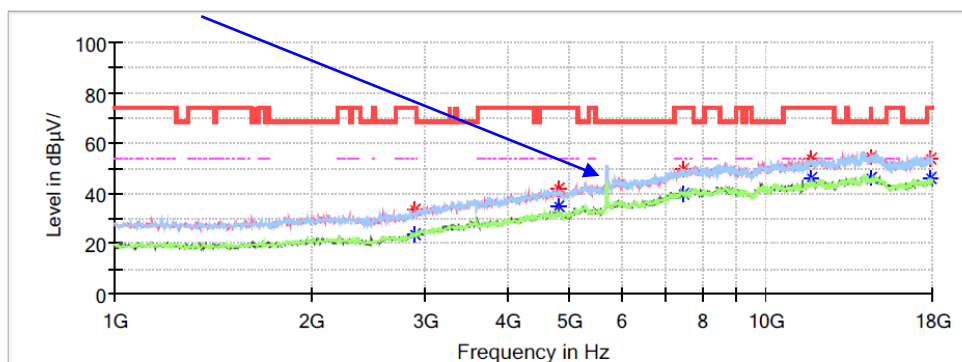
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2893.800000	---	24.57	54.00	29.43	H	-8.4
2893.800000	34.36	---	74.00	39.64	H	-8.4
4695.800000	---	32.99	54.00	21.01	H	-3.7
4695.800000	41.82	---	74.00	32.18	H	-3.7
7728.600000	---	40.96	54.00	13.04	H	3.1
7728.600000	50.93	---	74.00	23.07	H	3.1
11200.000000	---	47.79	54.00	6.21	V	7.2
11200.000000	56.60	---	74.00	17.40	V	7.2
14756.400000	56.59	---	68.20	11.61	V	11.1
16796.400000	57.05	---	68.20	11.15	V	10.2
17799.400000	52.12	---	74.00	21.88	V	11.2
17799.400000	---	46.30	54.00	7.70	V	11.2

High Channel: 5700MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Fundamental test with Band reject filter

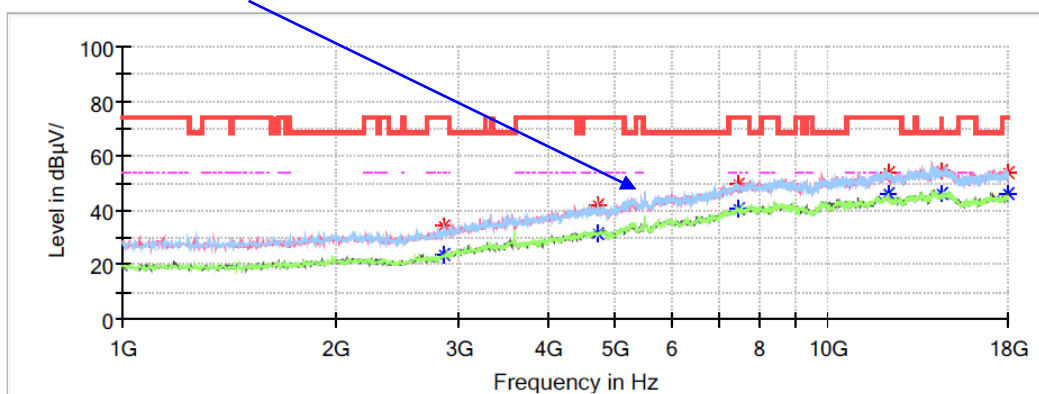
Full Spectrum

**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)
2880.200000	---	23.78	54.00	30.22	V	-8.4
2880.200000	33.24	---	74.00	40.76	V	-8.4
4797.800000	42.30	---	74.00	31.70	V	-3.4
4797.800000	---	35.22	54.00	18.78	V	-3.4
7463.400000	49.93	---	74.00	24.07	H	2.9
7463.400000	---	39.79	54.00	14.21	H	2.9
11744.000000	---	45.89	54.00	8.11	H	8.6
11744.000000	53.88	---	74.00	20.12	H	8.6
14474.200000	54.40	---	74.00	19.60	H	11.9
14474.200000	---	46.48	54.00	7.52	H	11.9
17857.200000	---	45.85	54.00	8.15	H	11.4
17857.200000	54.08	---	74.00	19.92	H	11.4

802.11n40 Mode:**Low Channel: 5510MHz****Common Information**

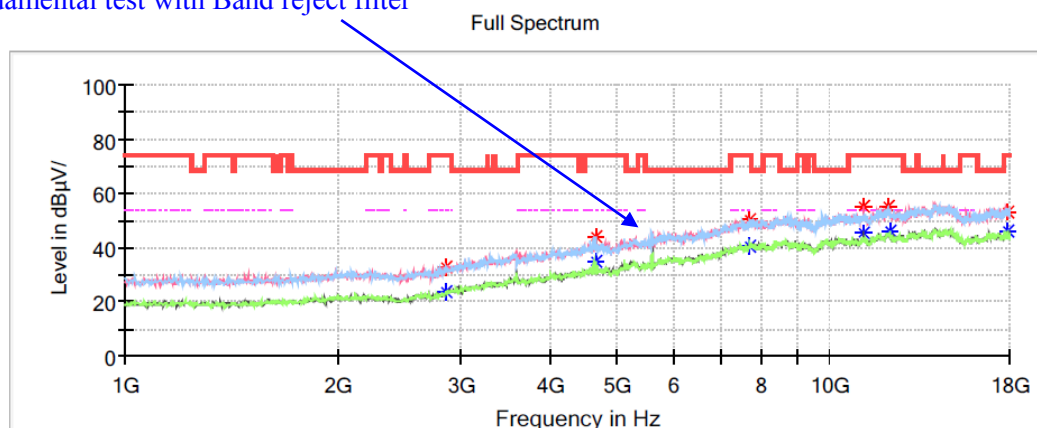
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n40 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2℃
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

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)
2859.800000	34.03	---	74.00	39.97	V	-8.5
2859.800000	---	23.60	54.00	30.40	V	-8.5
4726.400000	42.02	---	74.00	31.98	V	-3.6
4726.400000	---	31.60	54.00	22.40	V	-3.6
7463.400000	49.92	---	74.00	24.08	H	2.9
7463.400000	---	40.28	54.00	13.72	H	2.9
12175.800000	53.58	---	74.00	20.42	H	9.0
12175.800000	---	46.11	54.00	7.89	H	9.0
14477.600000	---	46.11	54.00	7.89	H	11.9
14477.600000	54.84	---	74.00	19.16	H	11.9
17976.200000	53.66	---	74.00	20.34	H	11.7
17976.200000	---	46.03	54.00	7.97	H	11.7

Middle Channel: 5550MHz**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n40 mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Fundamental test with Band reject filter**Critical_Freqs**

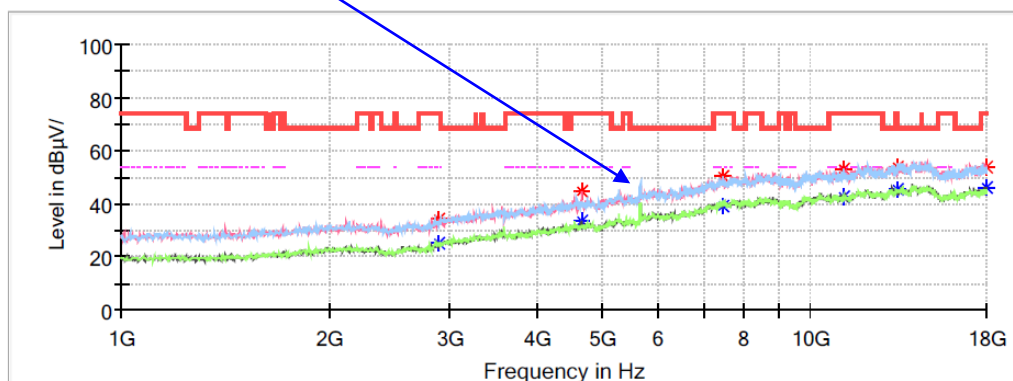
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2856.400000	---	24.06	54.00	29.94	V	-8.5
2856.400000	33.08	---	74.00	40.92	V	-8.5
4665.200000	---	35.19	54.00	18.81	H	-3.8
4665.200000	44.01	---	74.00	29.99	H	-3.8
7677.600000	---	40.32	54.00	13.68	H	3.1
7677.600000	50.53	---	74.00	23.47	H	3.1
11186.400000	55.29	---	74.00	18.71	V	7.2
11186.400000	---	45.12	54.00	8.88	V	7.2
12128.200000	54.92	---	74.00	19.08	H	9.0
12148.600000	---	46.07	54.00	7.93	H	9.0
17877.600000	53.39	---	74.00	20.61	H	11.4
17877.600000	---	46.43	54.00	7.57	H	11.4

High Channel: 5670MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2℃
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Fundamental test with Band reject filter

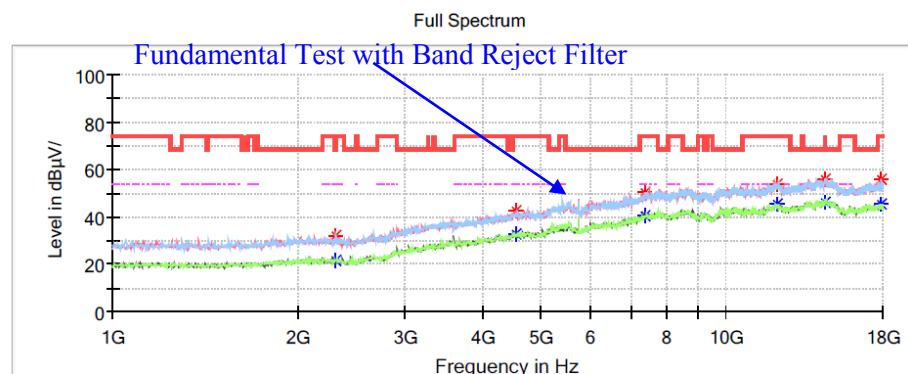
Full Spectrum

**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)
2883.600000	34.52	---	74.00	39.48	V	-8.4
2883.600000	---	25.01	54.00	28.99	V	-8.4
4648.200000	44.42	---	74.00	29.58	V	-3.8
4648.200000	---	33.80	54.00	20.20	V	-3.8
7470.200000	50.14	---	74.00	23.86	H	2.9
7470.200000	---	39.46	54.00	14.54	H	2.9
11159.200000	---	42.88	54.00	11.12	H	7.1
11159.200000	53.04	---	74.00	20.96	H	7.1
13365.800000	53.87	---	74.00	20.13	V	9.8
13365.800000	---	45.67	54.00	8.33	V	9.8
17966.000000	53.90	---	74.00	20.10	V	11.7
17966.000000	---	46.25	54.00	7.75	V	11.7

1GHz-18GHz(5725-5850MHz Band):**802.11a Mode:****Low Channel: 5745MHz****Common Information**

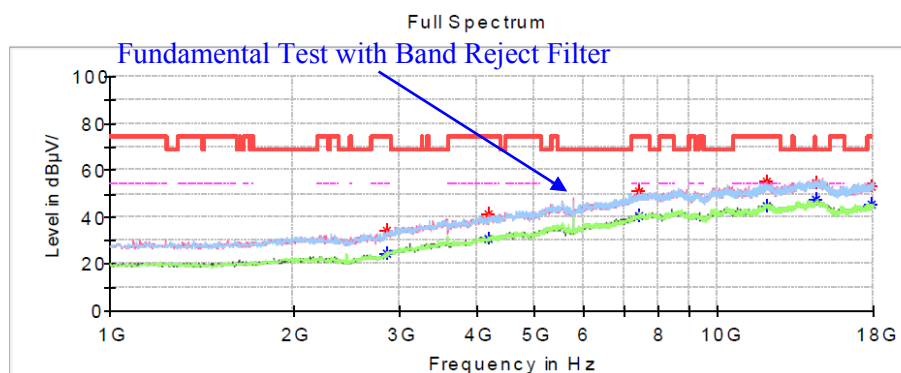
Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 20.3℃
Humidity: 52%
Atmospheric Pressure: 101.8kPa
Test Engineer: Destine Hu
Test Date: 2026/1/15

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
2315.800000	32.13	---	74.00	41.87	H	-9.7
2315.800000	---	21.61	54.00	32.39	H	-9.7
4549.600000	42.84	---	74.00	31.16	V	-4.1
4549.600000	---	32.55	54.00	21.45	V	-4.1
7375.000000	50.49	---	74.00	23.51	H	2.6
7375.000000	---	40.62	54.00	13.38	H	2.6
12087.400000	---	45.60	54.00	8.40	V	9.0
12087.400000	54.11	---	74.00	19.89	H	9.0
14481.000000	55.70	---	74.00	18.30	V	11.9
14481.000000	---	46.04	54.00	7.96	V	11.9
17928.600000	55.65	---	74.00	18.35	H	11.6
17928.600000	---	45.17	54.00	8.83	H	11.6

Middle Channel: 5785MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11a mode Middle Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 20.3℃
 Humidity: 52%
 Atmospheric Pressure: 101.8kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/15

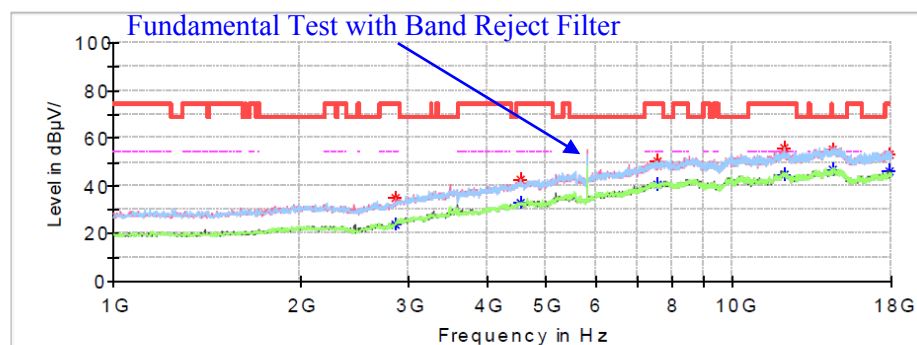
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2856.400000	34.22	---	74.00	39.78	V	-8.5
2856.400000	---	24.79	54.00	29.21	V	-8.5
4202.800000	41.50	---	74.00	32.50	V	-4.7
4202.800000	---	30.59	54.00	23.41	V	-4.7
7432.800000	50.86	---	74.00	23.14	V	2.8
7432.800000	---	40.77	54.00	13.23	V	2.8
12019.400000	55.10	---	74.00	18.90	V	9.1
12019.400000	---	44.89	54.00	9.11	V	9.1
14477.600000	---	47.23	54.00	6.77	V	11.9
14477.600000	54.38	---	74.00	19.62	V	11.9
17932.000000	---	45.51	54.00	8.49	V	11.6
17932.000000	53.24	---	74.00	20.76	V	11.6

High Channel: 5825MHz**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 20.3°C
Humidity: 52%
Atmospheric Pressure: 101.8kPa
Test Engineer: Destine Hu
Test Date: 2026/1/15

Full Spectrum

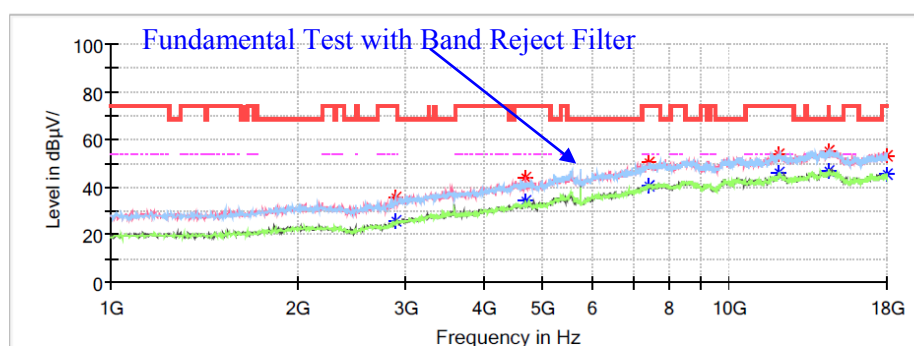
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB)
2856.400000	---	24.10	54.00	29.90	H	-8.5
2856.400000	34.62	---	74.00	39.38	V	-8.5
4546.200000	42.77	---	74.00	31.23	H	-4.1
4546.200000	---	32.67	54.00	21.33	V	-4.1
7555.200000	50.61	---	74.00	23.39	H	3.0
7555.200000	---	40.65	54.00	13.35	H	3.0
12131.600000	56.05	---	74.00	17.95	H	9.0
12131.600000	---	44.56	54.00	9.44	V	9.0
14481.000000	---	46.64	54.00	7.36	H	11.9
14481.000000	55.58	---	74.00	18.42	H	11.9
17887.800000	53.12	---	74.00	20.88	H	11.5
17887.800000	---	46.10	54.00	7.90	V	11.5

802.11n 20 Mode:**Low Channel: 5745MHz****Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

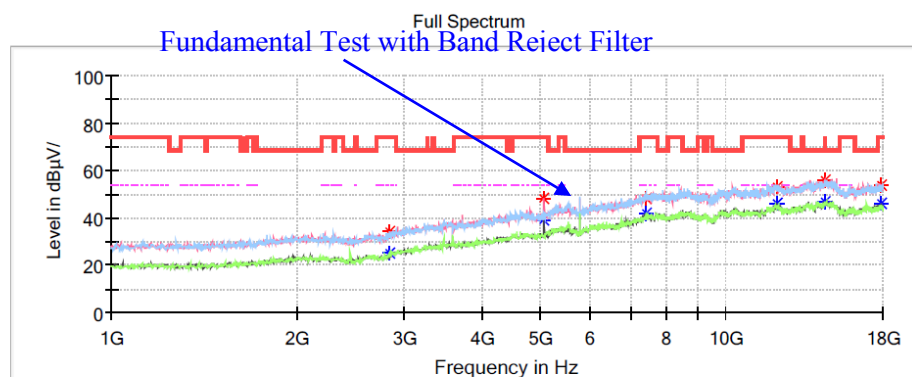
Full Spectrum

**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)
2880.200000	---	25.55	54.00	28.45	V	-8.4
2880.200000	35.37	---	74.00	38.63	V	-8.4
4685.600000	44.02	---	74.00	29.98	V	-3.7
4685.600000	---	34.34	54.00	19.66	V	-3.7
7426.000000	50.54	---	74.00	23.46	H	2.8
7426.000000	---	40.70	54.00	13.30	H	2.8
12012.600000	---	46.12	54.00	7.88	H	9.1
12012.600000	53.77	---	74.00	20.23	H	9.1
14484.400000	55.07	---	74.00	18.93	H	11.9
14484.400000	---	46.71	54.00	7.29	H	11.9
17966.000000	---	45.68	54.00	8.32	V	11.7
17966.000000	52.88	---	74.00	21.12	V	11.7

Middle Channel: 5785MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode Middle Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

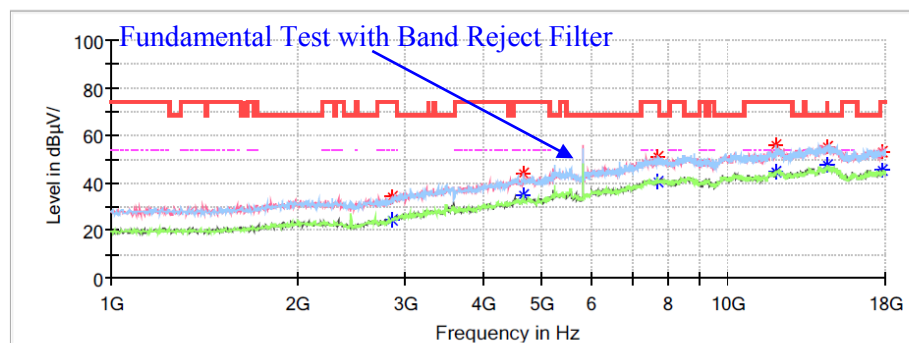
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	PoI	Corr. (dB/m)
2839.400000	---	24.87	54.00	29.13	V	-8.5
2839.400000	34.19	---	74.00	39.81	V	-8.5
5059.600000	---	38.85	54.00	15.15	V	-2.8
5059.600000	48.07	---	74.00	25.93	V	-2.8
7432.800000	---	41.95	54.00	12.05	H	2.8
7432.800000	48.56	---	74.00	25.44	H	2.8
12090.800000	---	46.01	54.00	7.99	H	9.0
12090.800000	53.10	---	74.00	20.90	H	9.0
14498.000000	55.64	---	74.00	18.36	V	12.0
14498.000000	---	46.69	54.00	7.31	V	12.0
17887.800000	---	45.94	54.00	8.06	V	11.5
17887.800000	53.97	---	74.00	20.03	V	11.5

High Channel: 5825MHz**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n20 mode High Channel
 Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

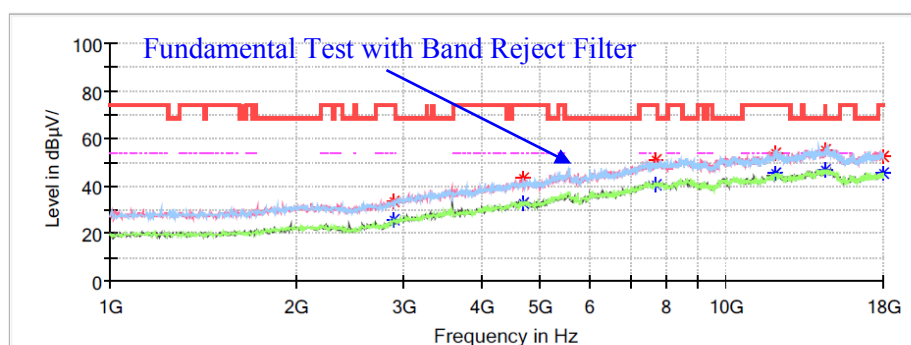
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2853.000000	---	24.54	54.00	29.46	V	-8.5
2853.000000	34.55	---	74.00	39.45	V	-8.5
4658.400000	---	35.01	54.00	18.99	V	-3.8
4658.400000	43.83	---	74.00	30.17	V	-3.8
7718.400000	---	40.85	54.00	13.15	H	3.1
7718.400000	51.40	---	74.00	22.60	H	3.1
11965.000000	---	44.54	54.00	9.46	H	9.0
11965.000000	55.62	---	74.00	18.38	H	9.0
14498.000000	55.05	---	74.00	18.95	H	12.0
14498.000000	---	47.38	54.00	6.62	H	12.0
17826.600000	53.27	---	74.00	20.73	V	11.3
17826.600000	---	45.63	54.00	8.37	V	11.3

802.11n40 Mode:**Channel: 5755MHz****Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

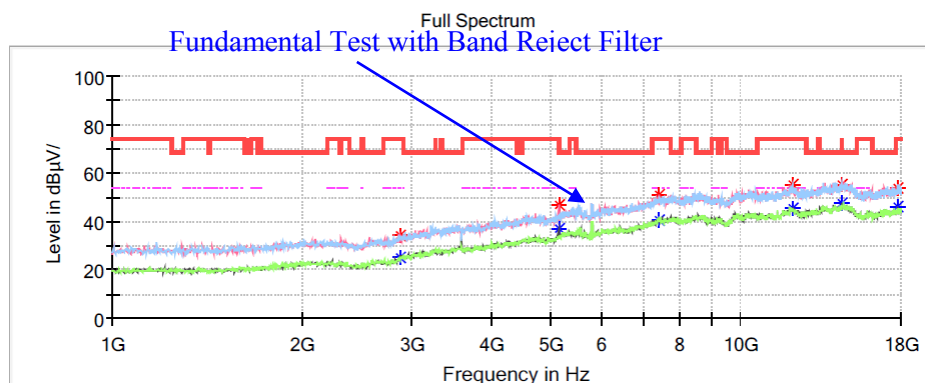
Full Spectrum

**Critical Freqs**

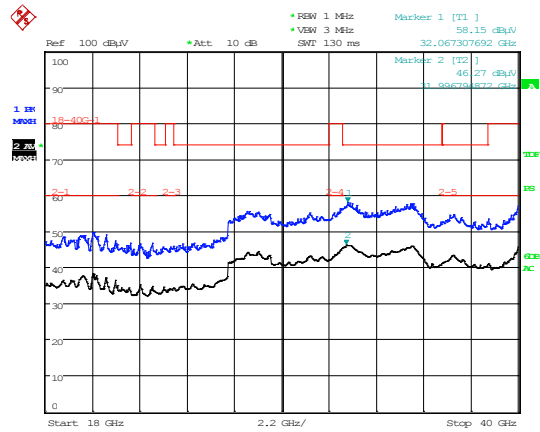
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2890.400000	33.77	---	74.00	40.23	H	-8.4
2890.400000	---	25.70	54.00	28.30	H	-8.4
4678.800000	---	33.15	54.00	20.85	H	-3.7
4678.800000	43.15	---	74.00	30.85	H	-3.7
7704.800000	---	40.63	54.00	13.37	V	3.1
7704.800000	51.04	---	74.00	22.96	V	3.1
12019.400000	53.57	---	74.00	20.43	V	9.1
12019.400000	---	45.69	54.00	8.31	V	9.1
14477.600000	---	46.87	54.00	7.13	V	11.9
14477.600000	54.94	---	74.00	19.06	V	11.9
17962.600000	52.54	---	74.00	21.46	H	11.7
17962.600000	---	45.52	54.00	8.48	H	11.7

Channel: 5795MHz**Common Information**

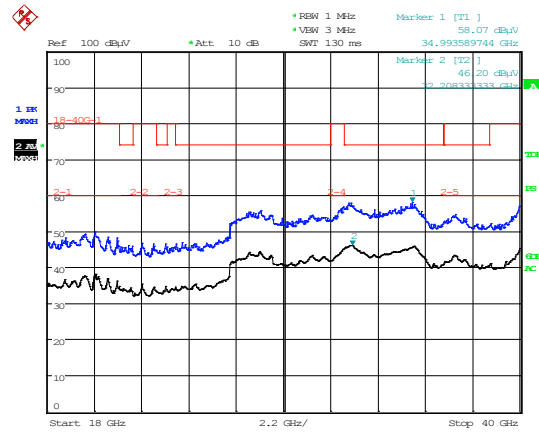
Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

**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)
2870.000000	---	24.93	54.00	29.07	V	-8.4
2870.000000	34.41	---	74.00	39.59	V	-8.4
5127.600000	47.18	---	74.00	26.82	V	-2.6
5127.600000	---	36.80	54.00	17.20	V	-2.6
7419.200000	---	40.85	54.00	13.15	V	2.7
7419.200000	51.06	---	74.00	22.94	V	2.7
12067.000000	54.96	---	74.00	19.04	H	9.0
12067.000000	---	45.56	54.00	8.44	H	9.0
14477.600000	---	47.40	54.00	6.60	V	11.9
14477.600000	54.98	---	74.00	19.02	V	11.9
17819.800000	53.54	---	74.00	20.46	V	11.3
17819.800000	---	45.91	54.00	8.09	V	11.3

18GHz-40GHz: Transmitting in 802.11a mode 5180MHz (maximum output power)**Horizontal**

Project No :RKSA251230001 Tester :Rugh Wu
 Date: 7.FEB.2026 16:26:47

Vertical

Project No :RKSA251230001 Tester :Rugh Wu
 Date: 7.FEB.2026 16:59:03

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

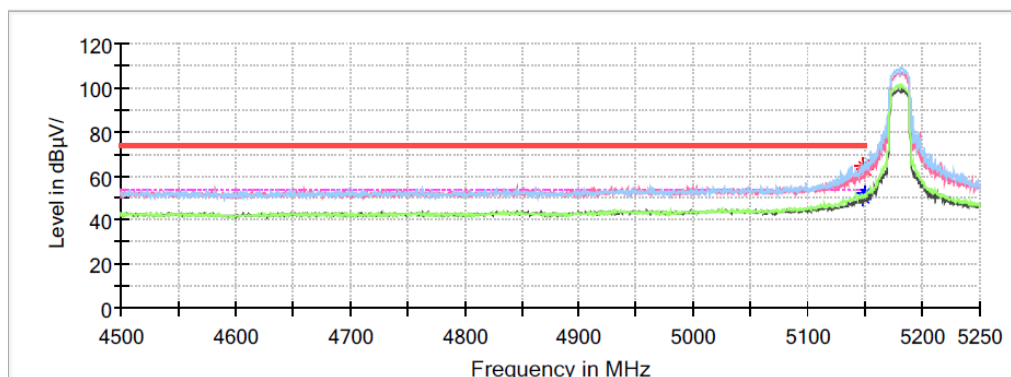
Limit = Specific limits(dBμV/m) + distance extrapolation factor (6 dB)

Frequency (GHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
34.99	58.07	74.2	16.13	V	22.65
32.07	58.15	74.2	16.05	H	23.21

Restricted Bands Emissions Test (5150-5250MHz Band):**802.11a Mode:****Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 2.4G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.4°C
Humidity: 43%
Atmospheric Pressure: 101.9kPa
Test Engineer: Destine Hu
Test Date: 2026/1/17

Full Spectrum

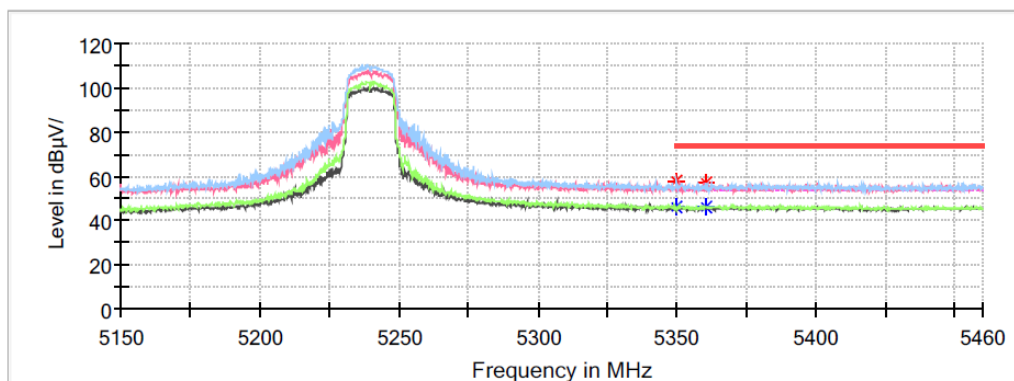
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5148.300000	---	50.46	54.00	3.54	H	7.5
5148.300000	64.87	---	74.00	9.13	H	7.5
5149.800000	---	52.02	54.00	1.98	H	7.5
5149.800000	63.18	---	74.00	10.82	H	7.5

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 2.4G WIFI 802.11a mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.4℃
Humidity: 43%
Atmospheric Pressure: 101.9kPa
Test Engineer: Destine Hu
Test Date: 2026/1/17

Full Spectrum



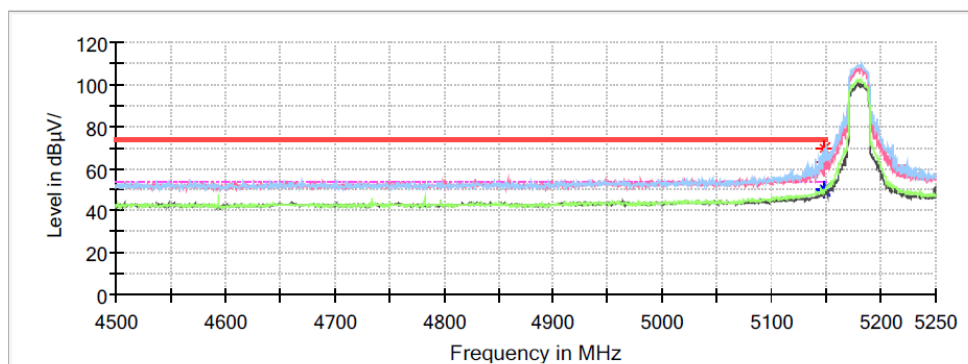
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.012000	58.20	---	74.00	15.80	H	7.9
5350.012000	---	45.96	54.00	8.04	H	7.9
5360.304000	---	46.07	54.00	7.93	H	8.0
5360.304000	57.21	---	74.00	16.79	H	8.0

802.11n20 Mode:**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 2.4G WIFI 802.11n20 mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.4℃
Humidity: 43%
Atmospheric Pressure: 101.9kPa
Test Engineer: Destine Hu
Test Date: 2026/1/17

Full Spectrum

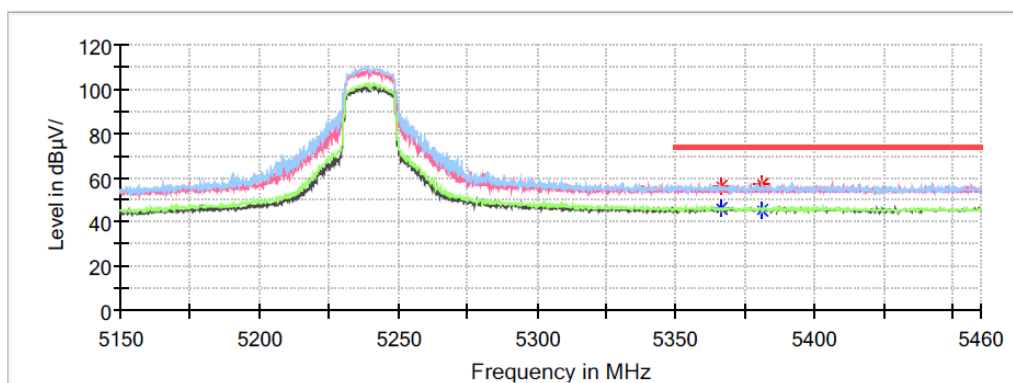
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5148.300000	---	50.52	54.00	3.48	H	7.5
5148.300000	62.58	---	74.00	11.42	H	7.5
5148.900000	---	49.80	54.00	4.20	H	7.5
5148.900000	69.71	---	74.00	4.29	H	7.5

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 2.4G WIFI 802.11n20 mode High Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.4℃
 Humidity: 43%
 Atmospheric Pressure: 101.9kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/17

Full Spectrum



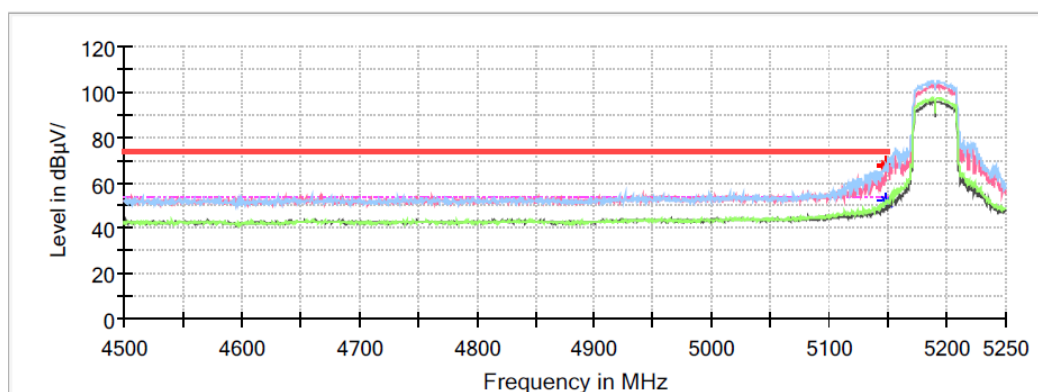
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5366.256000	---	46.03	54.00	7.97	H	8.0
5366.256000	56.62	---	74.00	17.38	H	8.0
5381.384000	57.19	---	74.00	16.81	H	8.0
5381.384000	---	45.55	54.00	8.45	H	8.0

802.11n40 Mode:**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 2.4G WIFI 802.11n40 mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.4℃
Humidity: 43%
Atmospheric Pressure: 101.9kPa
Test Engineer: Destine Hu
Test Date: 2026/1/17

Full Spectrum

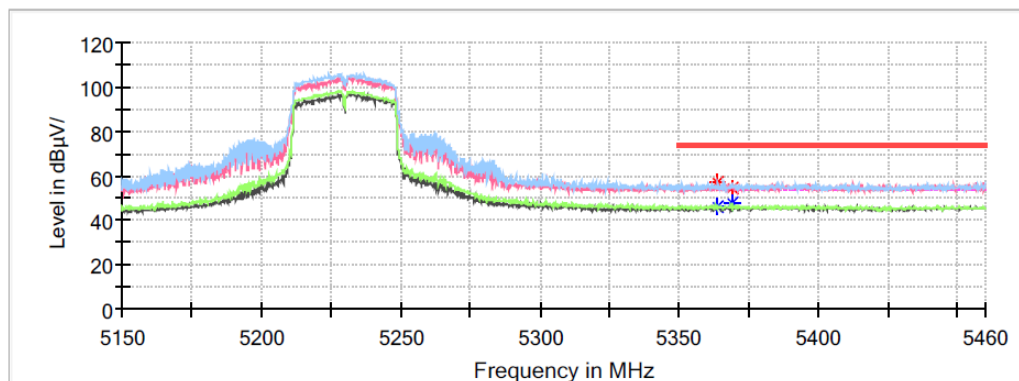
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5148.000000	---	51.67	54.00	2.33	H	7.5
5148.000000	66.76	---	74.00	7.24	H	7.5
5148.900000	---	51.62	54.00	2.38	H	7.5
5148.900000	67.97	---	74.00	6.03	H	7.5

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 2.4G WIFI 802.11n40 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.4℃
Humidity: 43%
Atmospheric Pressure: 101.9kPa
Test Engineer: Destine Hu
Test Date: 2026/1/17

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)
5364.024000	---	45.99	54.00	8.01	H	8.0
5364.024000	56.88	---	74.00	17.12	H	8.0
5369.108000	---	47.49	54.00	6.51	H	8.0
5369.108000	54.88	---	74.00	19.12	H	8.0

Restricted Bands Emissions Test (5250-5350MHz Band):

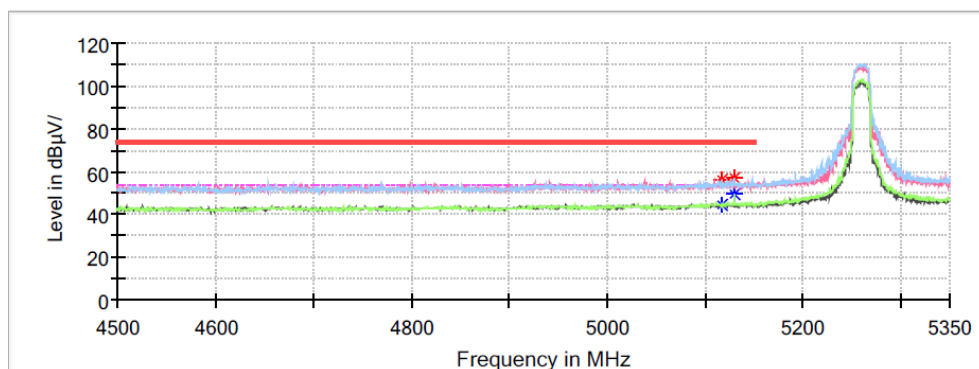
Note:

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

802.11a Mode:**Common Information**

Project No.:	RKSA251230001
EUT Model:	K1141
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	16.2℃
Humidity:	43%
Atmospheric Pressure:	102.2kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/14

Full Spectrum

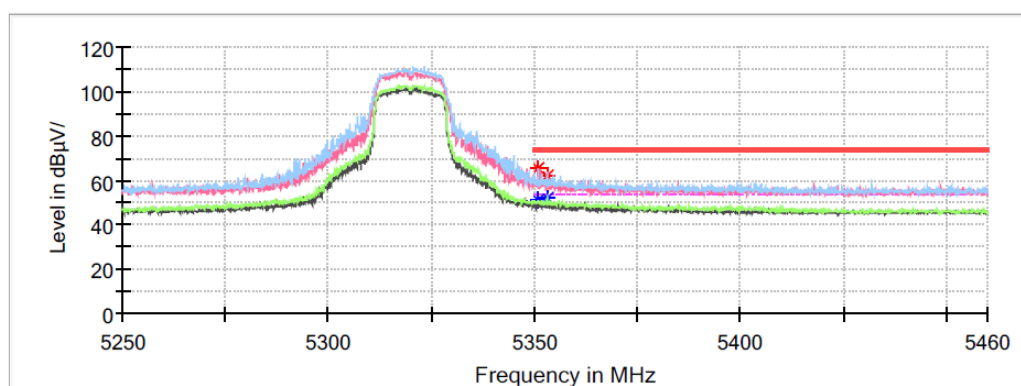
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5117.440000	---	44.56	54.00	9.44	H	7.4
5117.440000	56.10	---	74.00	17.90	H	7.4
5130.020000	---	49.29	54.00	4.71	H	7.4
5130.020000	56.70	---	74.00	17.30	H	7.4

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11a mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2℃
 Humidity: 43%
 Atmospheric Pressure: 102.2kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/14

Full Spectrum



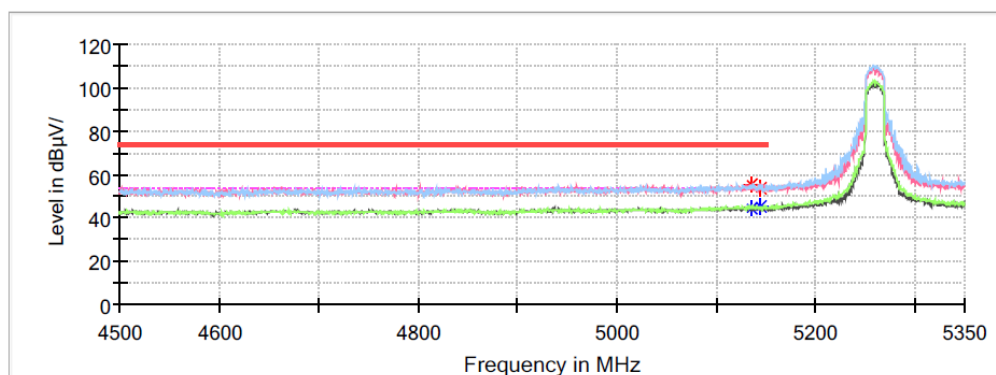
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5351.052000	---	50.82	54.00	3.18	H	7.9
5351.052000	65.41	---	74.00	8.59	H	7.9
5352.984000	---	51.75	54.00	2.25	H	7.9
5352.984000	61.96	---	74.00	12.04	H	7.9

802.11n20 Mode:**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Full Spectrum

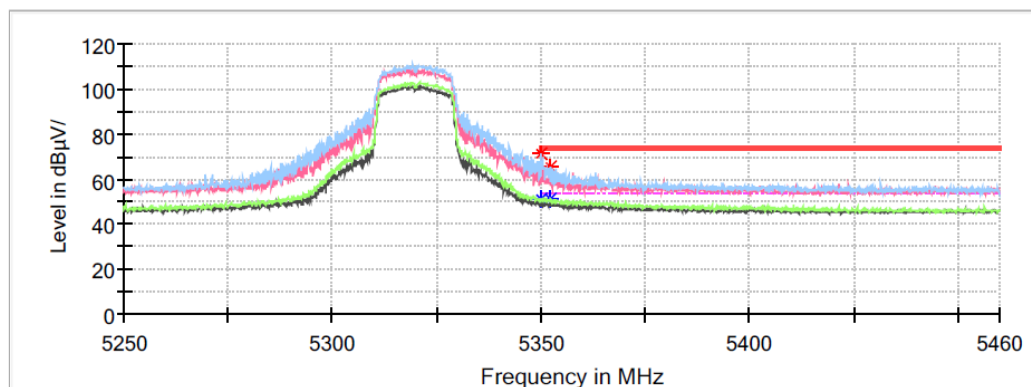
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5135.460000	---	44.59	54.00	9.41	H	7.4
5135.460000	55.75	---	74.00	18.25	H	7.4
5145.320000	---	45.67	54.00	8.33	H	7.4
5145.320000	53.53	---	74.00	20.47	H	7.4

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Full Spectrum



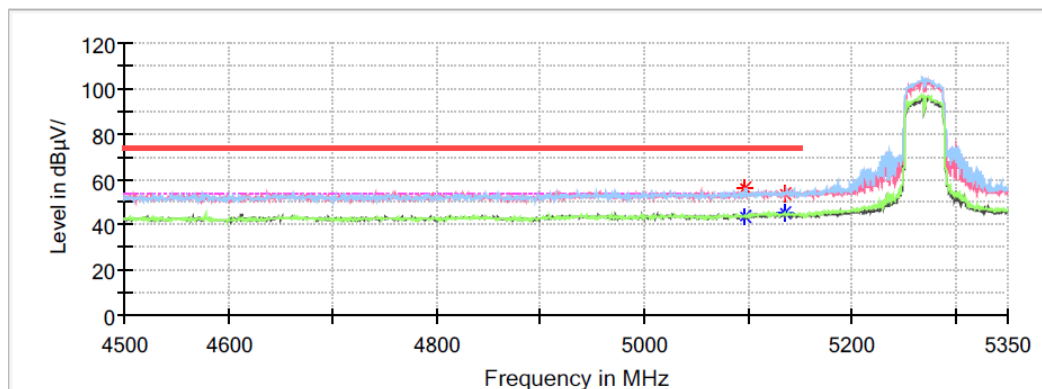
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.044000	---	50.92	54.00	3.08	H	7.9
5350.044000	71.39	---	74.00	2.61	H	7.9
5352.480000	---	51.57	54.00	2.43	H	7.9
5352.480000	65.65	---	74.00	8.35	H	7.9

802.11n40 Mode:**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n40 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Full Spectrum

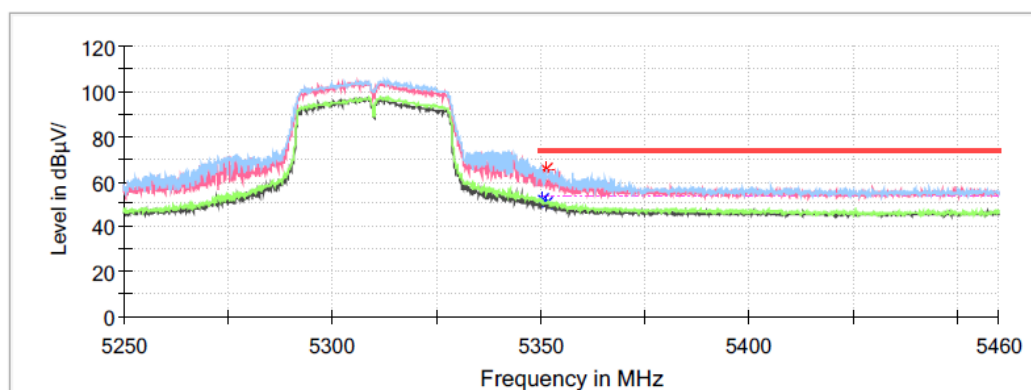
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5097.380000	---	43.90	54.00	10.10	H	7.3
5097.380000	55.87	---	74.00	18.13	H	7.3
5136.140000	---	45.73	54.00	8.27	H	7.4
5136.140000	53.47	---	74.00	20.53	H	7.4

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2℃
Humidity: 43%
Atmospheric Pressure: 102.2kPa
Test Engineer: Destine Hu
Test Date: 2026/1/14

Full Spectrum



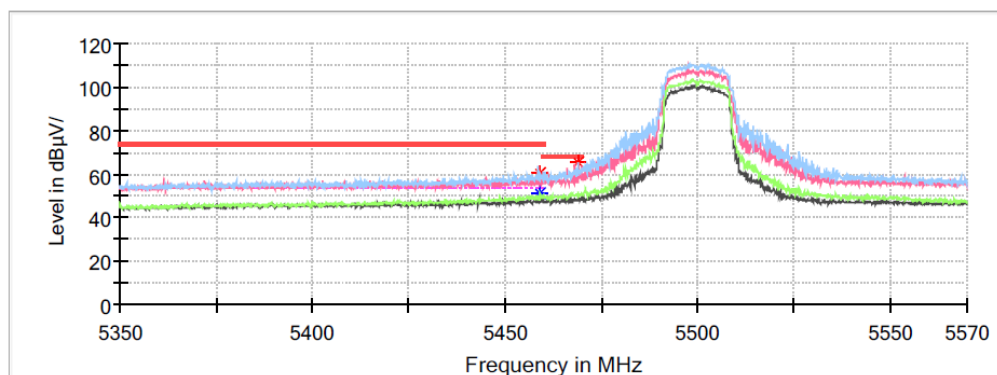
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5350.380000	---	51.80	54.00	2.20	H	7.9
5350.380000	62.23	---	74.00	11.77	H	7.9
5351.304000	---	50.54	54.00	3.46	H	7.9
5351.304000	65.80	---	74.00	8.20	H	7.9

Band Edge Test (5470-5725MHz Band):**802.11a Mode:****Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Full Spectrum

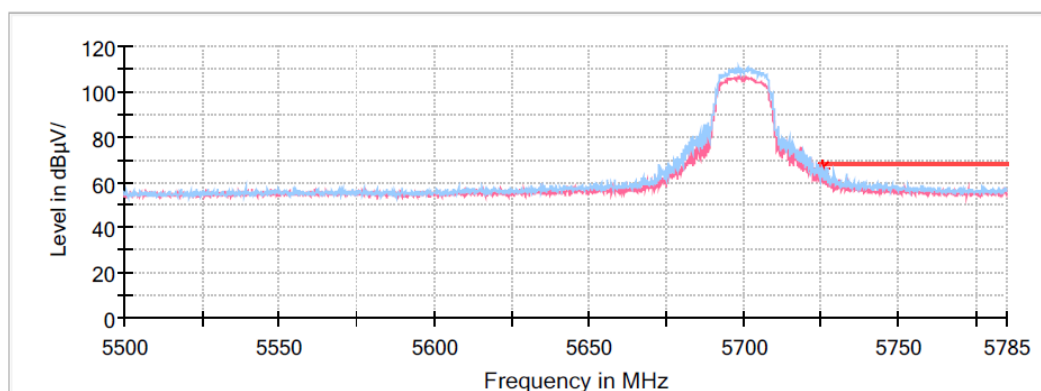
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5459.208000	60.56	---	74.00	13.44	H	8.2
5459.208000	---	50.82	54.00	3.18	H	8.2
5469.064000	65.28	---	68.20	2.92	H	8.2

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2℃
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Full Spectrum



Critical_Freqs

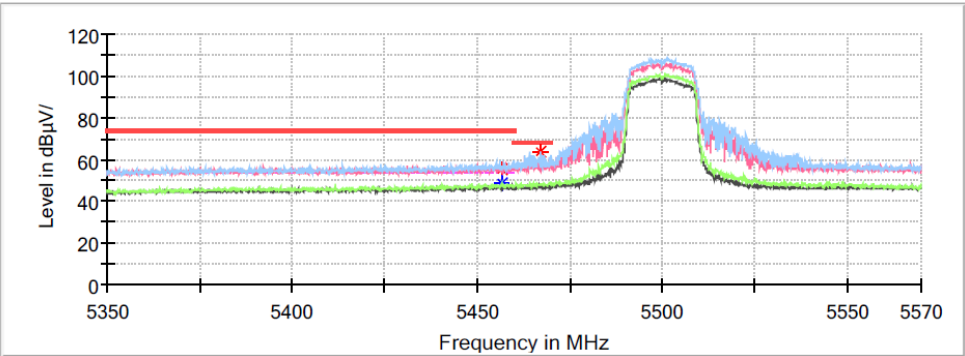
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5725.150000	66.55	---	68.20	1.65	H	8.8
5725.720000	66.46	---	68.20	1.74	H	8.8

802.11n20 Mode:

Common Information

Project No.:	RKSA251230001
EUT Model:	K1141
Test Mode:	5G WIFI 802.11n20 mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	16.2℃
Humidity:	41%
Atmospheric Pressure:	103.3kPa
Test Engineer:	Destine Hu
Test Date:	2026/1/24

Full Spectrum



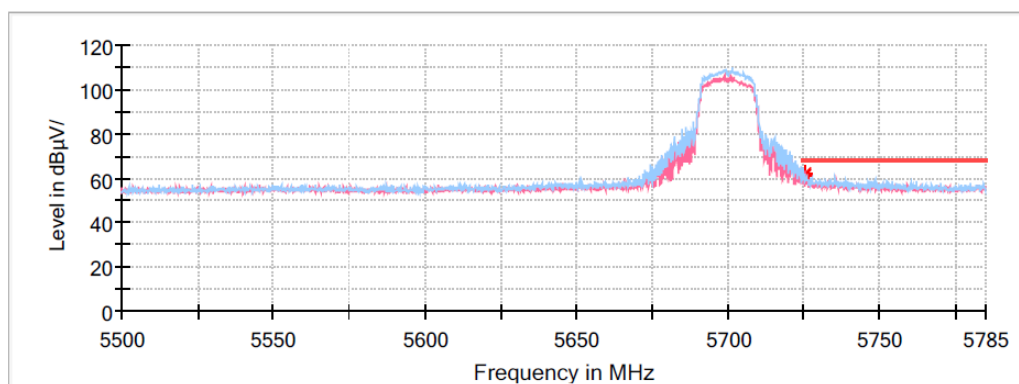
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5456.480000	55.71	---	74.00	18.29	H	8.2
5456.480000	---	48.43	54.00	5.57	H	8.2
5467.040000	63.60	---	68.20	4.60	H	8.2

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Full Spectrum



Critical_Freqs

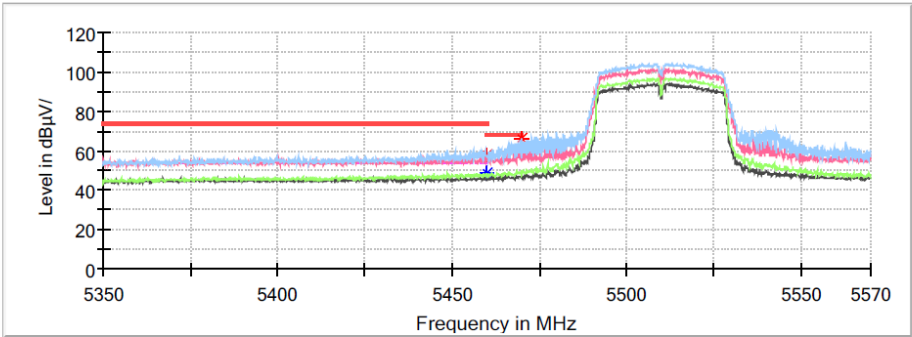
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5725.492000	61.75	---	68.20	6.45	H	8.8
5725.720000	61.38	---	68.20	6.82	V	8.8

802.11n40 Mode:

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode Low Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 16.2°C
 Humidity: 41%
 Atmospheric Pressure: 103.3kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/24

Full Spectrum



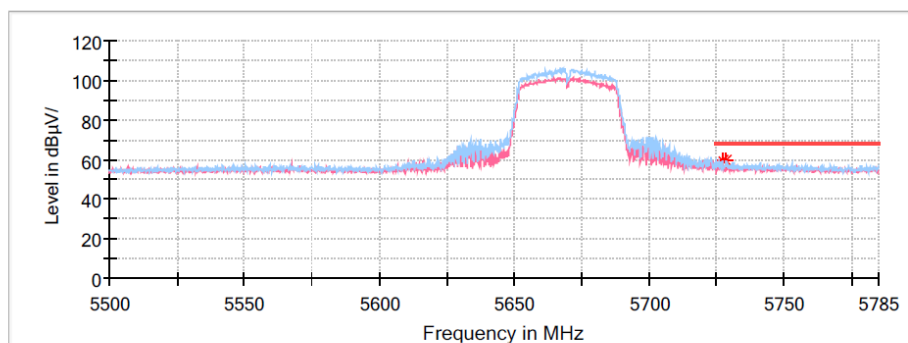
Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5459.912000	57.99	---	74.00	16.01	H	8.2
5459.912000	---	49.03	54.00	4.97	H	8.2
5469.856000	66.07	---	68.20	2.13	H	8.2

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.2°C
Humidity: 41%
Atmospheric Pressure: 103.3kPa
Test Engineer: Destine Hu
Test Date: 2026/1/24

Full Spectrum

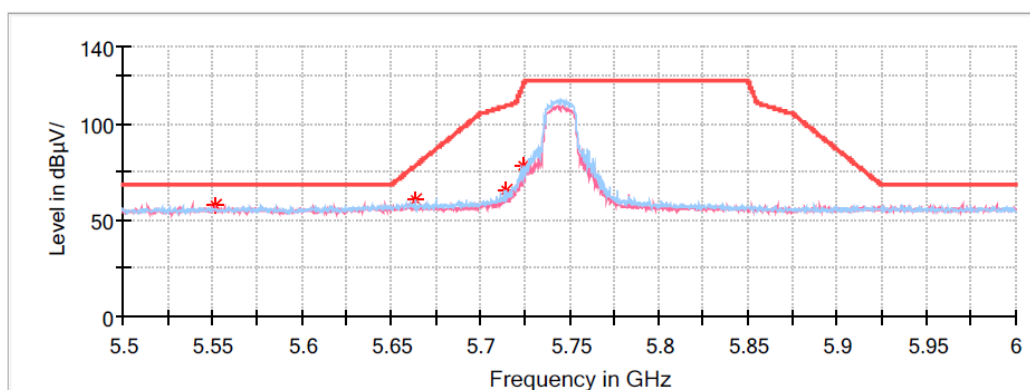
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5727.088000	59.44	---	68.20	8.76	H	8.8
5728.570000	59.65	---	68.20	8.55	H	8.8

Bandedge Emissions Test (5725-5850MHz Band):**802.11a Mode:****Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

Full Spectrum

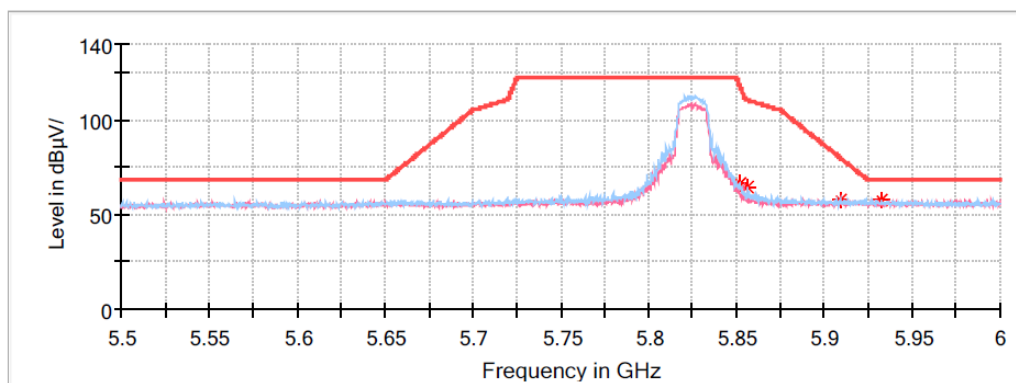
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5551.600000	57.57	---	68.20	10.63	V	8.4
5663.800000	60.88	---	78.41	17.53	H	8.6
5714.400000	65.52	---	109.23	43.71	H	8.8
5724.000000	78.47	---	119.92	41.45	H	8.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11a mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum



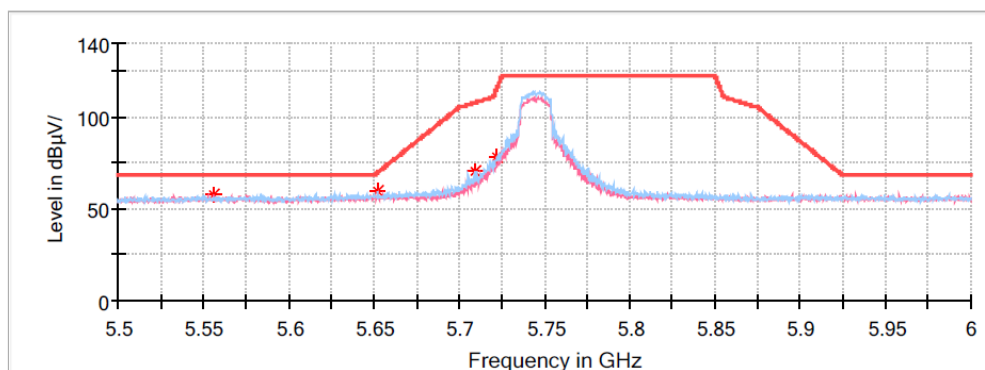
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5851.600000	66.43	---	118.55	52.12	H	9.1
5856.400000	64.95	---	110.41	45.46	H	9.1
5908.600000	58.20	---	80.34	22.13	H	9.2
5932.600000	58.09	---	68.20	10.11	H	9.2

802.11n20 Mode:**Common Information**

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5℃
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

Full Spectrum

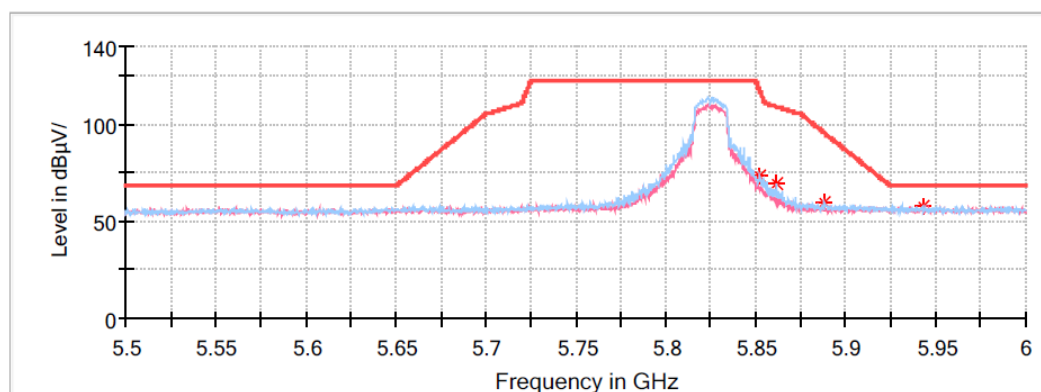
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5555.800000	57.35	---	68.20	10.85	V	8.4
5652.400000	59.65	---	69.98	10.32	H	8.6
5708.800000	70.17	---	107.66	37.49	H	8.7
5721.800000	78.77	---	114.90	36.14	H	8.8

Common Information

Project No.: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI 802.11n20 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.5°C
Humidity: 42%
Atmospheric Pressure: 101.7kPa
Test Engineer: Destine Hu
Test Date: 2026/1/18

Full Spectrum



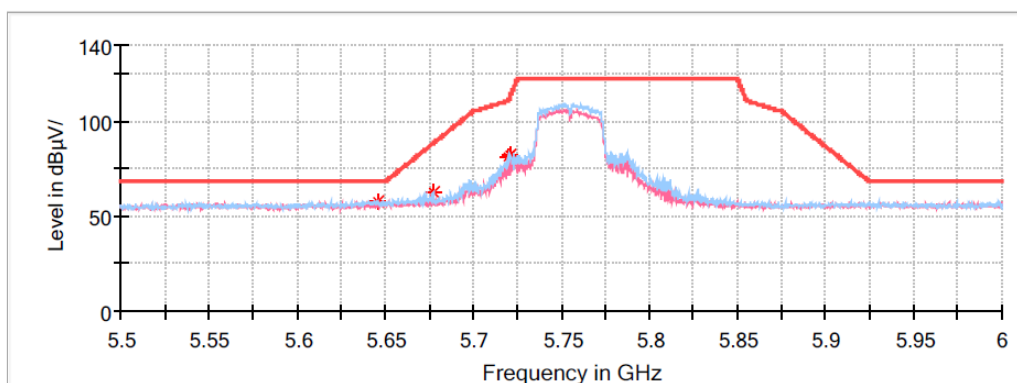
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.000000	73.86	---	117.64	43.78	H	9.1
5861.600000	69.57	---	108.95	39.39	H	9.1
5888.400000	59.97	---	95.28	35.32	H	9.1
5942.400000	58.15	---	68.20	10.05	H	9.3

802.11n40 Mode:**Common Information**

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5°C
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

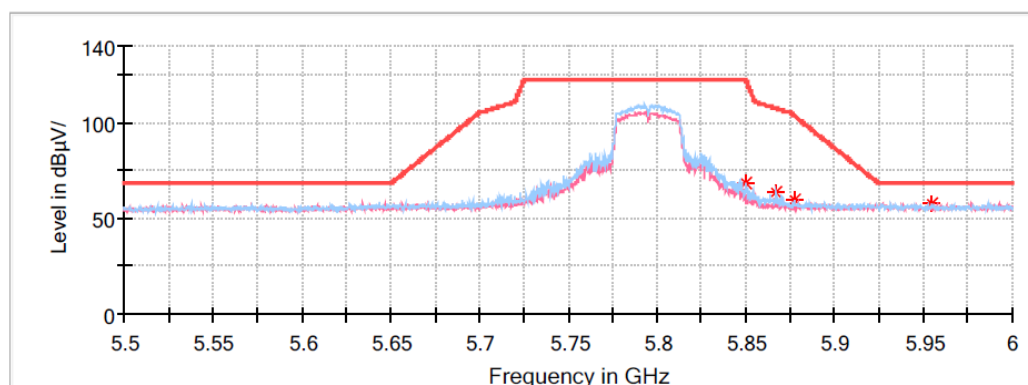
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5645.800000	57.90	---	68.20	10.30	H	8.6
5677.200000	63.06	---	88.33	25.27	H	8.7
5719.400000	81.17	---	110.63	29.46	H	8.8
5721.400000	82.37	---	113.99	31.62	H	8.8

Common Information

Project No.: RKSA251230001
 EUT Model: K1141
 Test Mode: 5G WIFI 802.11n40 mode High Channel
 Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.5℃
 Humidity: 42%
 Atmospheric Pressure: 101.7kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/18

Full Spectrum

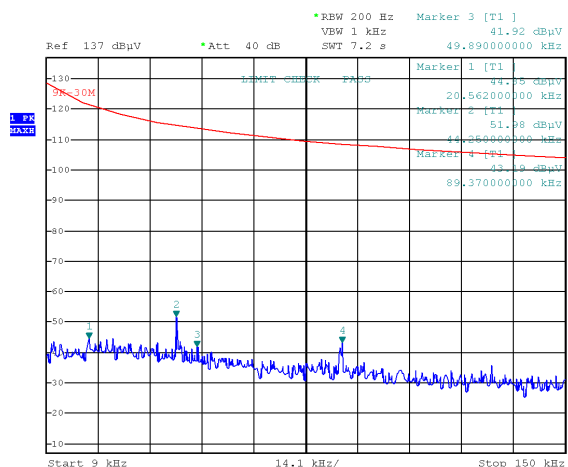
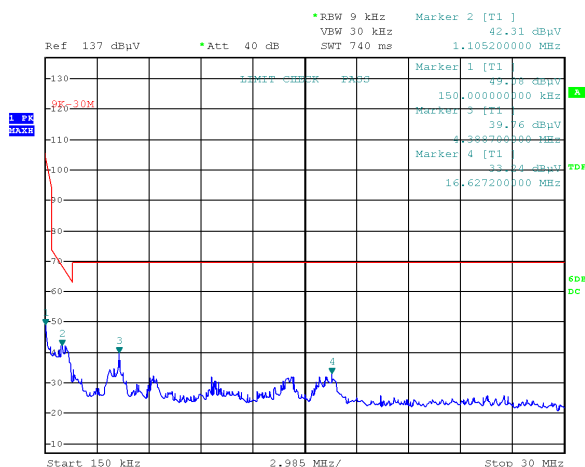


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5850.200000	68.47	---	121.74	53.28	H	9.1
5867.200000	63.53	---	107.38	43.85	H	9.1
5877.600000	59.26	---	103.28	44.01	H	9.1
5954.600000	57.40	---	68.20	10.80	H	9.3

Configuration 4

**9 kHz-30 MHz: Transmitting in 802.11a mode 5180MHz (maximum output power)
Parallel(worst case)**

9kHz-150kHz**150kHz-30MHz**

Project No.RKSA251230001
Date: 14.JAN.2026 15:44:22

Tester:Scarf Yang

Project No.RKSA251230001
Date: 14.JAN.2026 17:33:14

Tester:Scarf Yang

9kHz-150kHz

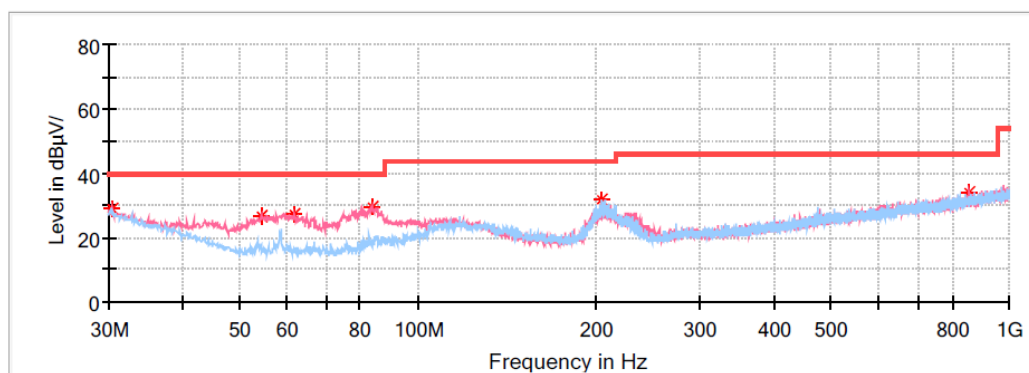
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.020562	44.85	PK	-0.56	121.34	76.49
0.044250	51.98	PK	-2.89	114.69	62.71
0.049890	41.92	PK	-3.79	113.64	71.72
0.089370	43.19	PK	-8.20	108.58	65.39

150kHz-30MHz

Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	49.08	PK	-11.34	104.08	55.00
1.105200	42.31	PK	-27.96	66.74	24.43
4.388700	39.76	PK	-31.97	69.54	29.78
16.627200	33.24	PK	-33.18	69.54	36.30

30MHz-1GHz: Transmitting in 802.11a mode 5180MHz (maximum output power)**Common Information**

Project No: RKSA251230001
EUT Model: K1141
Test Mode: 5G WIFI
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 15.6°C
Humidity: 43%
Barometric Pressure: 102.3kPa
Test Engineer: Scarf Yang
Check Engineer: Hardy Huang
Test Date: 2026/1/13

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.485000	28.71	40.00	11.29	V	-5.0
54.492500	26.40	40.00	13.60	V	-17.1
62.010000	27.36	40.00	12.64	V	-17.0
83.956250	29.70	40.00	10.30	V	-17.0
204.963750	31.85	43.50	11.65	H	-12.4
858.622500	34.17	46.00	11.83	V	0.3

EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-01-19 to 2026-01-26
Temperature:	21.3-22.7°C
Relative Humidity:	51-53 %
ATM Pressure:	101.4-102.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant

5150-5250 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11a	Low	5180	20.452	16.600
	Middle	5200	20.553	16.650
	High	5240	20.402	16.600
802.11n20	Low	5180	20.961	17.700
	Middle	5200	21.833	17.700
	High	5240	20.757	17.700
802.11n40	Low	5190	41.500	36.300
	High	5230	41.200	36.300

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

5250-5350 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11a	Low	5260	20.450	16.600
	Middle	5300	20.503	16.550
	High	5320	20.451	16.550
802.11n20	Low	5260	20.655	17.750
	Middle	5300	23.626	17.650
	High	5320	25.758	17.750
802.11n40	Low	5270	41.100	36.200
	High	5310	41.000	36.200

5470-5725 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11a	Low	5500	21.670	16.700
	Middle	5580	22.427	16.650
	High	5700	20.466	16.600
	Cross	5720	20.351	16.600
802.11n20	Low	5500	20.705	17.650
	Middle	5580	20.705	17.650
	High	5700	20.549	17.650
	Cross	5720	20.756	17.650
802.11n40	Low	5510	41.300	36.200
	Middle	5550	41.400	36.200
	High	5670	41.400	36.300
	Cross	5710	41.400	36.200

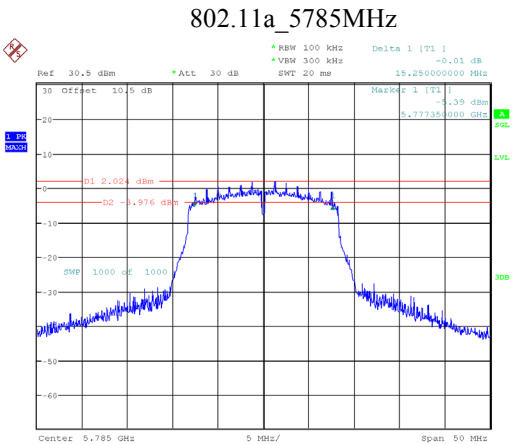
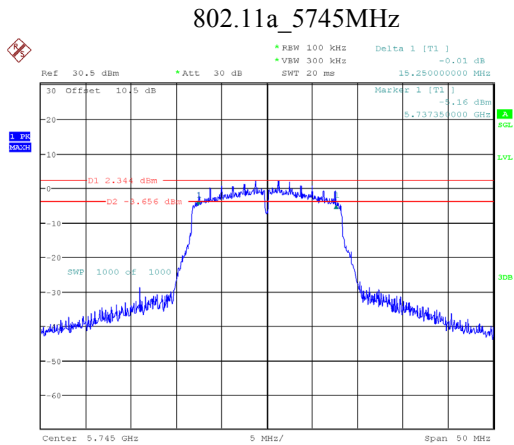
5725-5850MHz:

Test mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)
802.11a	Low	5745	16.650
	Middle	5785	16.650
	High	5825	16.650
802.11n20	Low	5745	17.800
	Middle	5785	17.800
	High	5825	17.750
802.11n40	Low	5755	36.400
	High	5795	36.400

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

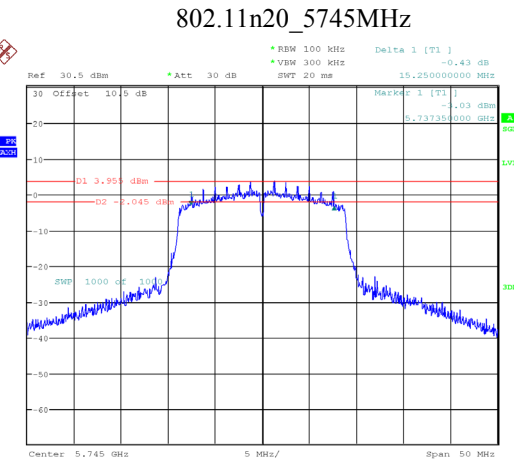
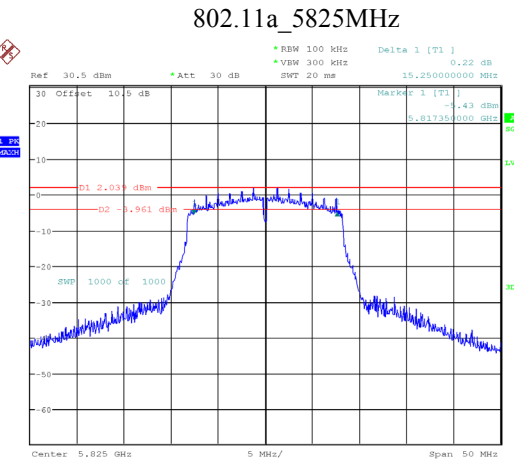
Test mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
802.11a	Low	5745	15.250	0.5
	Middle	5785	15.250	
	High	5825	15.250	
802.11n20	Low	5745	15.250	
	Middle	5785	15.450	
	High	5825	15.250	
802.11n40	Low	5755	35.300	
	High	5795	35.300	

6dB Bandwidth
5725-5850 MHz Band



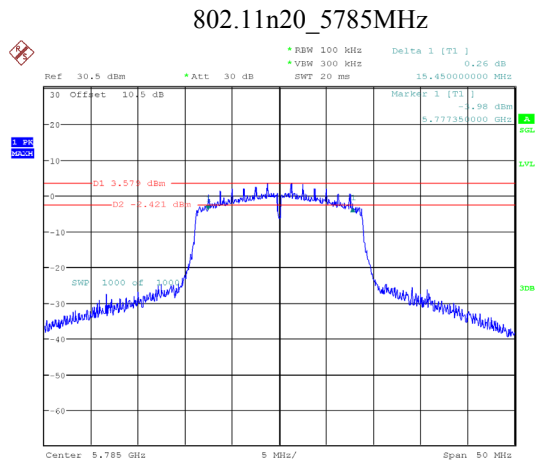
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:00:09

ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:01:35

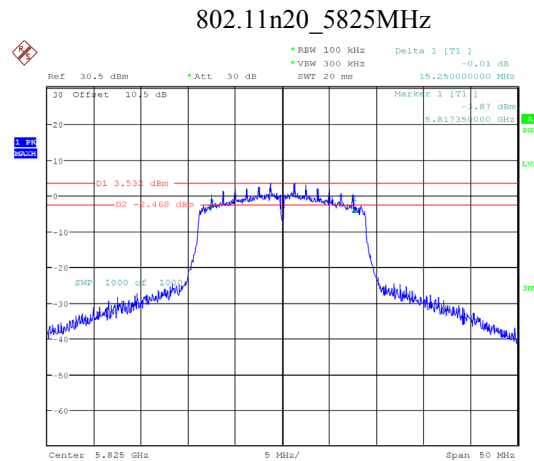


ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:03:17

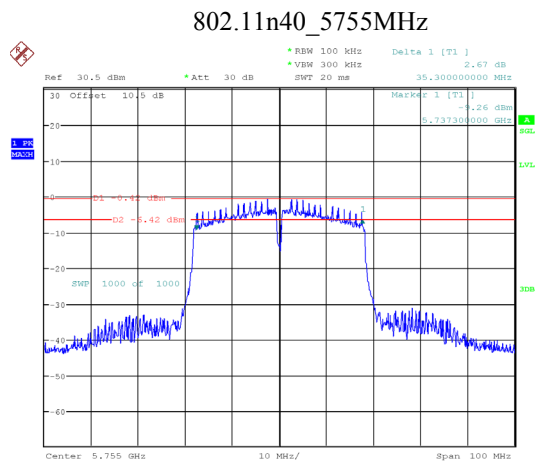
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:05:21



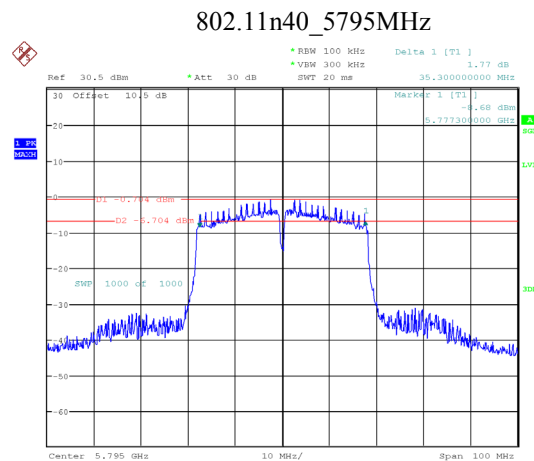
ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:07:15



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:10:33



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:12:44



ProjectNo.:RKSA251230001 Tester:Neil Zhou
Date: 22.JAN.2026 17:14:49