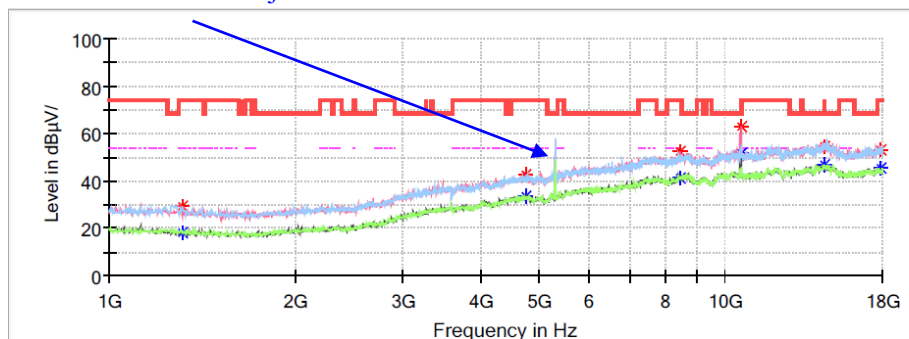


Middle Channel: 5300MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5℃
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental Test with Band Reject Filter Full Spectrum**Critical_Freqs**

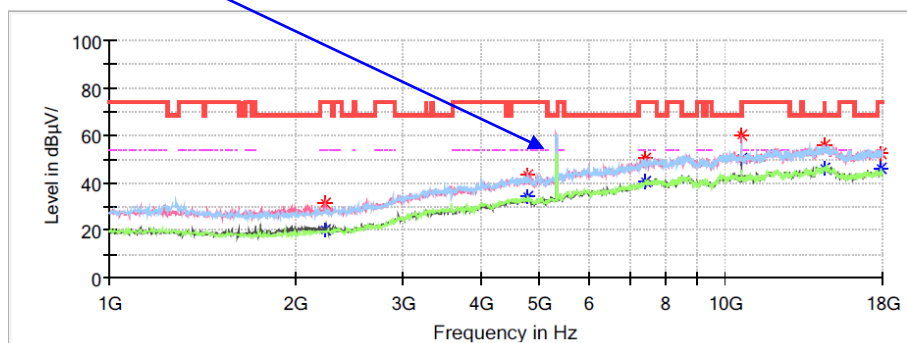
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1312.800000	29.48	---	74.00	44.52	H	-14.1
1312.800000	---	18.22	54.00	35.78	H	-14.1
4753.600000	---	33.35	54.00	20.65	H	-3.5
4753.600000	42.93	---	74.00	31.07	H	-3.5
8429.000000	52.18	---	74.00	21.82	V	4.5
8429.000000	---	41.59	54.00	12.41	V	4.5
10601.600000	---	51.45	54.00	2.55	V	6.7
10601.600000	63.16	---	74.00	10.84	V	6.7
14484.400000	54.79	---	74.00	19.21	H	11.9
14484.400000	---	46.86	54.00	7.14	H	11.9
17932.000000	52.96	---	74.00	21.04	V	11.6
17932.000000	---	45.20	54.00	8.80	V	11.6

High Channel: 5320MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental Test with Band Reject Filter

Full Spectrum

**Critical_Freqs**

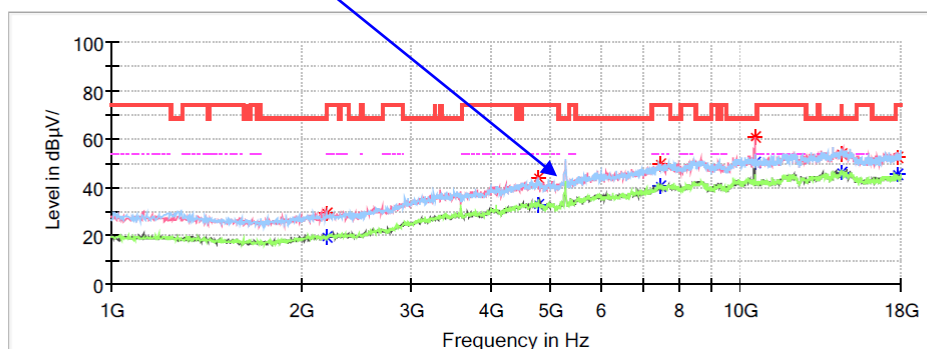
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2234.200000	31.37	---	74.00	42.63	V	-9.8
2234.200000	---	20.42	54.00	33.58	V	-9.8
4787.600000	---	34.08	54.00	19.92	H	-3.5
4787.600000	43.10	---	74.00	30.90	H	-3.5
7405.600000	50.55	---	74.00	23.45	H	2.7
7405.600000	---	40.78	54.00	13.22	H	2.7
10632.200000	60.06	---	74.00	13.94	V	6.7
10632.200000	---	50.33	54.00	3.67	V	6.7
14477.600000	---	46.26	54.00	7.74	V	11.9
14477.600000	55.70	---	74.00	18.30	V	11.9
17918.400000	52.70	---	74.00	21.30	V	11.5
17918.400000	---	45.91	54.00	8.09	V	11.5

802.11ac40 Mode:**Low Channel: 5270MHz****Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental Test with Band Reject Filter

Full Spectrum

**Critical Freqs**

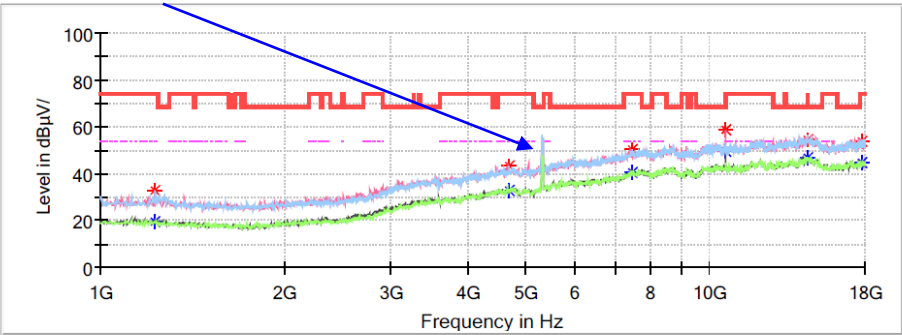
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2200.200000	---	19.54	54.00	34.46	H	-9.8
2200.200000	29.52	---	74.00	44.48	H	-9.8
4774.000000	44.05	---	74.00	29.95	H	-3.5
4774.000000	---	32.85	54.00	21.15	H	-3.5
7443.000000	49.89	---	74.00	24.11	H	2.8
7443.000000	---	40.66	54.00	13.34	H	2.8
10540.400000	60.53	---	68.20	7.67	V	6.7
14494.600000	---	46.30	54.00	7.70	V	12.0
14494.600000	54.11	---	74.00	19.89	V	12.0
17809.600000	52.29	---	74.00	21.71	V	11.3
17809.600000	---	45.65	54.00	8.35	V	11.3

High Channel: 5310MHz

Common Information

Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
Test Mode:	5G WIFI 802.11ac40 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:	16.5℃
Humidity:	40%
Atmospheric Pressure:	102.3kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/23

Fundamental Test with Band Reject Filter Full Spectrum

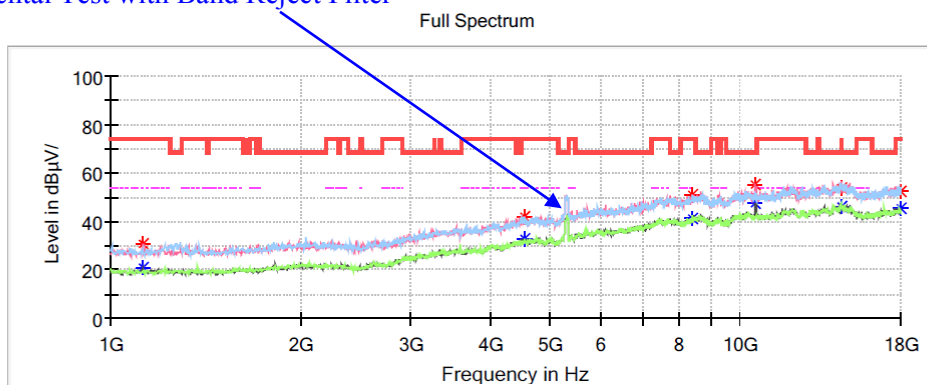


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1227.800000	---	19.88	54.00	34.12	H	-14.4
1227.800000	32.90	---	74.00	41.10	H	-14.4
4682.200000	---	33.07	54.00	20.93	H	-3.7
4682.200000	43.19	---	74.00	30.81	H	-3.7
7466.800000	---	40.83	54.00	13.17	V	2.9
7466.800000	50.57	---	74.00	23.43	V	2.9
10618.600000	58.88	---	74.00	15.12	V	6.7
10618.600000	---	49.33	54.00	4.67	V	6.7
14494.600000	54.27	---	74.00	19.73	H	12.0
14494.600000	---	46.68	54.00	7.32	H	12.0
17806.200000	---	45.06	54.00	8.94	H	11.2
17806.200000	54.17	---	74.00	19.83	H	11.2

802.11ac80 Mode:**Channel: 5290MHz****Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80
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: 16.5℃
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

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)
1122.400000	---	20.89	54.00	33.11	V	-14.8
1122.400000	30.74	---	74.00	43.26	V	-14.8
4549.600000	42.29	---	74.00	31.71	H	-4.1
4549.600000	---	32.75	54.00	21.25	H	-4.1
8415.400000	---	41.31	54.00	12.69	H	4.5
8415.400000	51.32	---	74.00	22.68	H	4.5
10574.40000	55.03	---	68.20	13.17	V	6.7
14494.600000	53.75	---	74.00	20.25	V	12.0
14494.600000	---	46.14	54.00	7.86	V	12.0
17989.800000	---	45.44	54.00	8.56	V	11.7
17989.800000	52.53	---	74.00	21.47	V	11.7

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

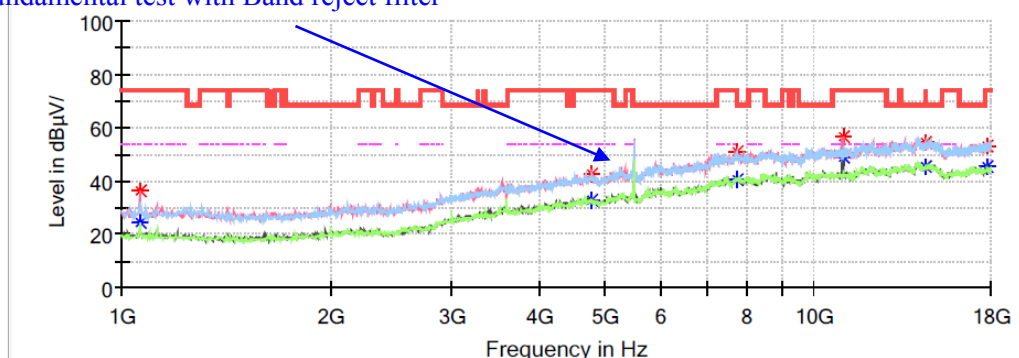
Chain 0

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

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.3°C
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

Full Spectrum

Fundamental test with Band reject filter

**Critical Freqs**

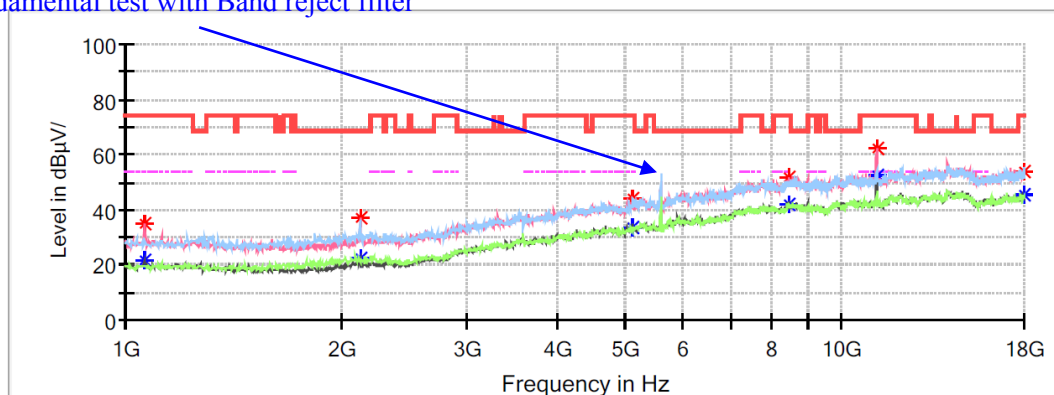
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	24.72	54.00	29.28	H	-15.0
1061.200000	36.02	---	74.00	37.98	H	-15.0
4787.600000	42.66	---	74.00	31.34	H	-3.5
4787.600000	---	32.54	54.00	21.46	H	-3.5
7721.800000	---	40.59	54.00	13.41	H	3.1
7721.800000	50.84	---	74.00	23.16	H	3.1
10999.400000	---	48.87	54.00	5.13	V	6.6
10999.400000	56.52	---	74.00	17.48	V	6.6
14494.600000	54.70	---	74.00	19.30	V	12.0
14494.600000	---	45.34	54.00	8.66	V	12.0
17779.000000	52.80	---	74.00	21.20	V	11.2
17779.000000	---	45.60	54.00	8.40	V	11.2

Middle Channel: 5580MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.3°C
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

Fundamental test with Band reject filter

Full Spectrum

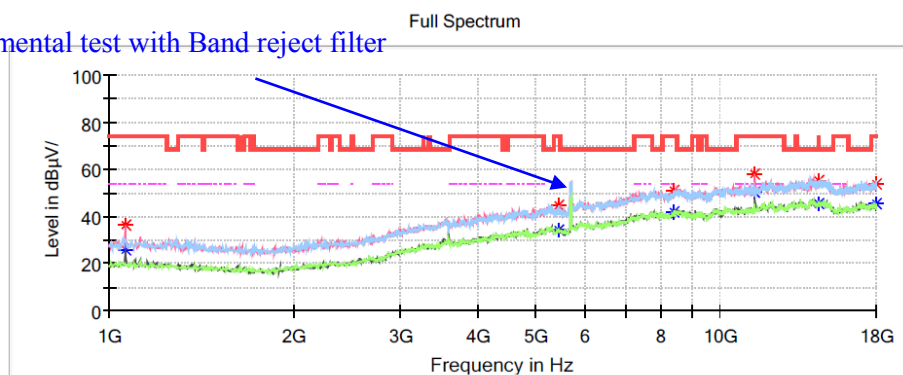
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	21.91	54.00	32.09	V	-15.0
1061.200000	35.10	---	74.00	38.90	V	-15.0
2125.400000	37.10	---	68.20	31.10	V	-9.9
5124.200000	---	33.26	54.00	20.74	H	-2.6
5124.200000	43.95	---	74.00	30.05	H	-2.6
8432.400000	---	41.68	54.00	12.32	V	4.5
8432.400000	51.94	---	74.00	22.06	V	4.5
11160.000000	---	52.79	54.00	1.21	V	7.2
11160.000000	62.52	---	74.00	11.48	V	7.2
17979.600000	53.78	---	74.00	20.22	H	11.7
17979.600000	---	45.76	54.00	8.24	H	11.7

High Channel: 5700MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.3℃
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

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)
1061.200000	---	26.17	54.00	27.83	V	-15.0
1061.200000	36.11	---	74.00	37.89	V	-15.0
5426.800000	---	34.16	54.00	19.84	H	-1.9
5426.800000	44.88	---	74.00	29.12	H	-1.9
8405.200000	---	41.91	54.00	12.09	V	4.4
8405.200000	51.30	---	74.00	22.70	V	4.4
11400.600000	57.72	---	74.00	16.28	V	7.8
11400.600000	---	50.30	54.00	3.70	V	7.8
14498.000000	---	45.31	54.00	8.69	H	12.0
14498.000000	55.35	---	74.00	18.65	H	12.0
17966.000000	53.51	---	74.00	20.49	H	11.7
17966.000000	---	45.75	54.00	8.25	H	11.7

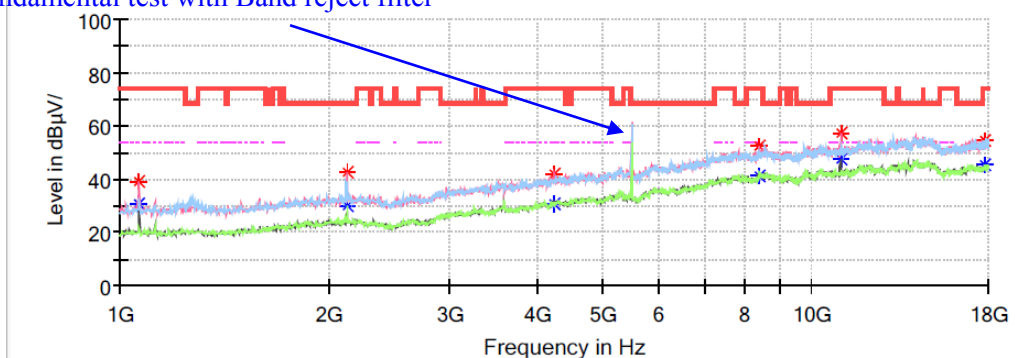
Chain 1

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

Project No.: RBJ251015001
 EUT Model: ZYCXD105U
 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: 17.1°C
 Humidity: 44%
 Atmospheric Pressure: 103.1kPa
 Test Engineer: Destine Hu
 Test Date: 2025/12/13

Full Spectrum

Fundamental test with Band reject filter

**Critical_Freqs**

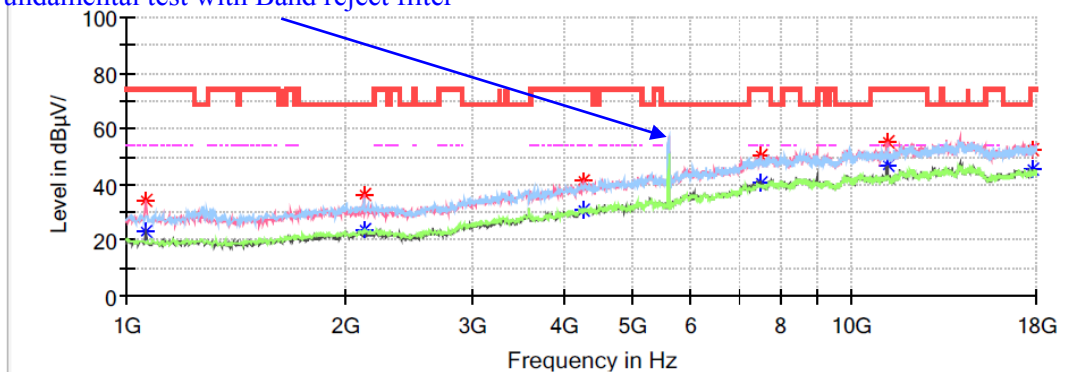
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.600000	39.20	---	74.00	34.80	V	-15.0
1064.600000	---	30.79	54.00	23.21	V	-15.0
2125.400000	42.44	---	68.20	25.76	H	-9.9
4253.800000	---	30.97	54.00	23.03	V	-4.6
4253.800000	41.99	---	74.00	32.01	V	-4.6
8398.400000	---	41.49	54.00	12.51	V	4.4
8398.400000	52.30	---	74.00	21.70	V	4.4
10999.400000	57.24	---	74.00	16.76	V	6.6
10999.400000	---	47.55	54.00	6.45	V	6.6
17816.400000	---	45.72	54.00	8.28	H	11.3
17816.400000	54.39	---	74.00	19.61	H	11.3

Middle Channel: 5580MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.1°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/12/13

Full Spectrum

Fundamental test with Band reject filter

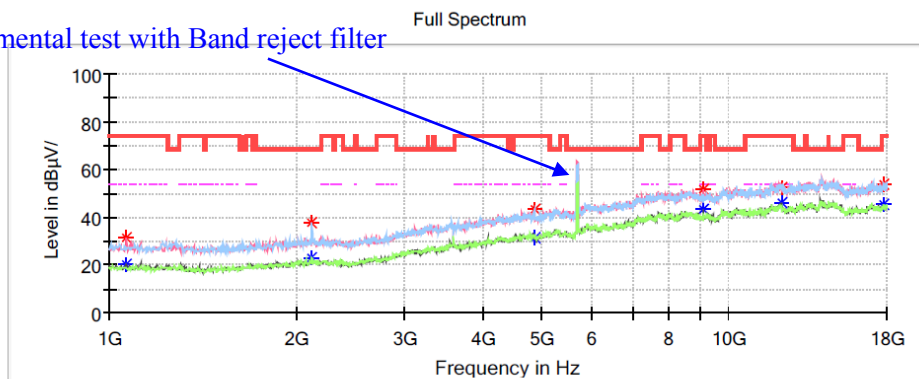
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	23.25	54.00	30.75	V	-15.0
1061.200000	34.51	---	74.00	39.49	V	-15.0
2125.400000	36.13	---	68.20	32.07	H	-9.9
4264.000000	41.13	---	74.00	32.87	H	-4.6
4264.000000	---	30.72	54.00	23.28	H	-4.6
7521.200000	50.33	---	74.00	23.67	H	3.0
7521.200000	---	40.65	54.00	13.35	H	3.0
11160.000000	55.36	---	74.00	18.64	V	7.2
11160.000000	---	47.03	54.00	6.97	V	7.2
17813.000000	---	45.40	54.00	8.60	V	11.3
17813.000000	52.77	---	74.00	21.23	V	11.3

High Channel: 5700MHz**Common Information**

Project No.: RBJ251015001
 EUT Model: ZYCXD105U
 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: 17.1℃
 Humidity: 44%
 Atmospheric Pressure: 103.1kPa
 Test Engineer: Destine Hu
 Test Date: 2025/12/13

Fundamental test with Band reject filter

**Critical Freqs**

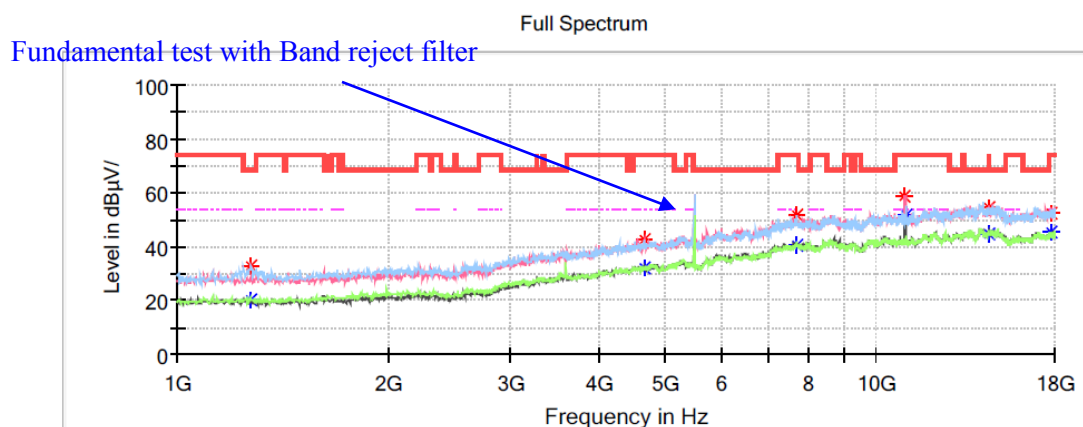
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.600000	---	20.16	54.00	33.84	V	-15.0
1064.600000	31.52	---	74.00	42.48	V	-15.0
2122.000000	37.57	---	68.20	30.63	H	-9.9
4848.800000	---	31.78	54.00	22.22	H	-3.3
4848.800000	43.31	---	74.00	30.69	H	-3.3
9119.200000	---	43.05	54.00	10.95	V	4.7
9119.200000	52.01	---	74.00	21.99	V	4.7
12145.200000	---	46.07	54.00	7.93	V	9.0
12145.200000	52.32	---	74.00	21.68	V	9.0
17816.400000	53.83	---	74.00	20.17	V	11.3
17816.400000	---	45.54	54.00	8.46	V	11.3

MIMO(Chain 0+Chain 1):
802.11ac20 Mode:

Low Channel: 5500MHz

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5℃
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23



Critical_Freqs

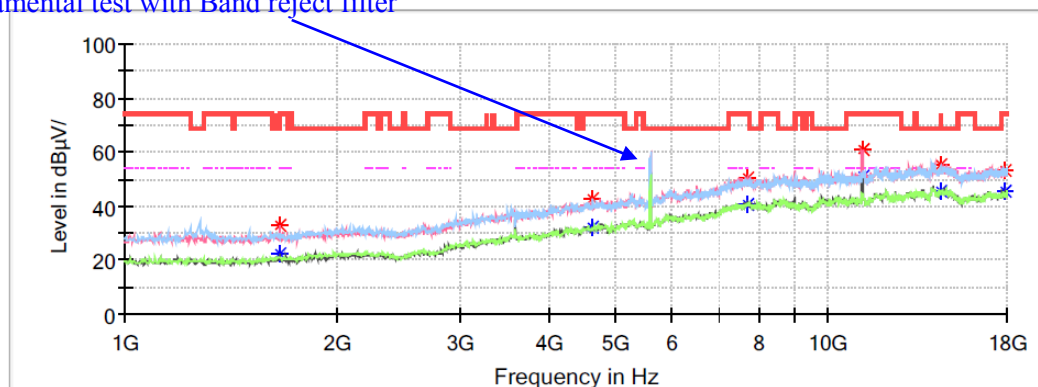
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1275.400000	32.75	---	68.20	35.45	H	-14.2
4658.400000	---	32.29	54.00	21.71	H	-3.8
4658.400000	42.59	---	74.00	31.41	H	-3.8
7701.400000	---	40.85	54.00	13.15	H	3.1
7701.400000	51.56	---	74.00	22.44	H	3.1
10992.600000	58.94	---	74.00	15.06	V	6.6
10992.600000	---	51.55	54.00	2.45	V	6.6
14498.000000	---	44.50	54.00	9.50	V	12.0
14498.000000	54.49	---	74.00	19.51	V	12.0
17802.800000	---	45.38	54.00	8.62	H	11.2
17802.800000	52.78	---	74.00	21.22	H	11.2

Middle Channel: 5580MHz**Common Information**

Project No.: RBJ251015001
 EUT Model: ZYCXD105U
 Test Mode: 5G WIFI 802.11ac20 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: 16.5°C
 Humidity: 40%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Test Date: 2025/12/23

Fundamental test with Band reject filter

Full Spectrum

**Critical_Freqs**

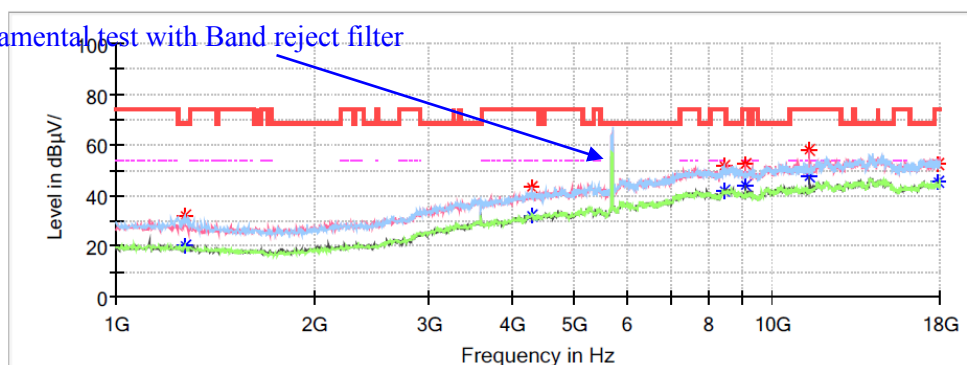
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1663.000000	---	22.32	54.00	31.68	V	-12.3
1663.000000	32.78	---	74.00	41.22	V	-12.3
4641.400000	---	32.16	54.00	21.84	H	-3.8
4641.400000	42.49	---	74.00	31.51	H	-3.8
7674.200000	---	40.82	54.00	13.18	H	3.1
7674.200000	50.24	---	74.00	23.76	H	3.1
11160.000000	60.64	---	74.00	13.36	V	7.2
11160.000000	---	50.86	54.00	3.14	V	7.2
14494.600000	---	45.37	54.00	8.63	V	12.0
14494.600000	55.03	---	74.00	18.97	V	12.0
17833.400000	53.47	---	74.00	20.53	V	11.3
17833.400000	---	45.37	54.00	8.63	V	11.3

High Channel: 5700MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Full Spectrum

Fundamental test with Band reject filter

**Critical Freqs**

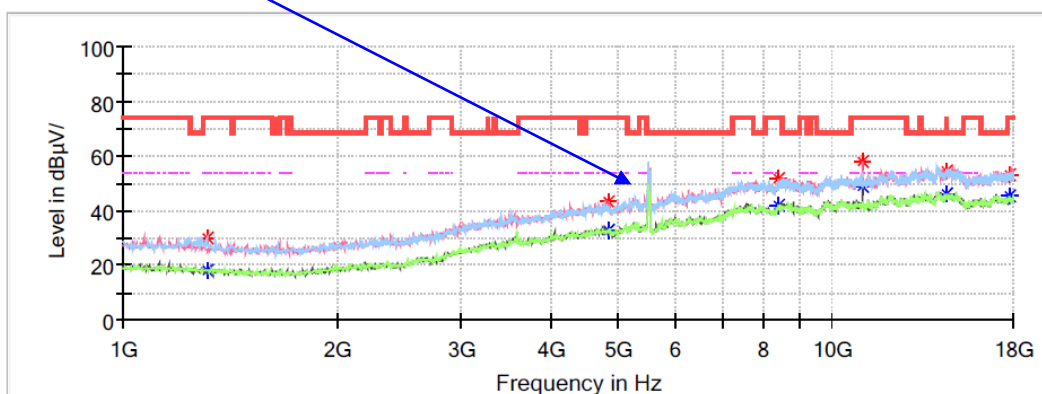
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1272.000000	32.17	---	68.20	36.03	H	-14.2
4287.800000	---	31.89	54.00	22.11	H	-4.5
4287.800000	43.49	---	74.00	30.51	H	-4.5
8422.200000	---	42.21	54.00	11.79	H	4.5
8422.200000	52.04	---	74.00	21.96	H	4.5
9119.200000	---	44.36	54.00	9.64	V	4.7
9119.200000	52.37	---	74.00	21.63	V	4.7
11393.800000	57.81	---	74.00	16.19	V	7.8
11393.800000	---	47.81	54.00	6.19	V	7.8
17840.200000	52.70	---	74.00	21.30	V	11.3
17840.200000	---	45.42	54.00	8.58	V	11.3

802.11ac40 Mode:**Low Channel: 5510MHz****Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 16.5℃
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental test with Band reject filter

Full Spectrum

**Critical Freqs**

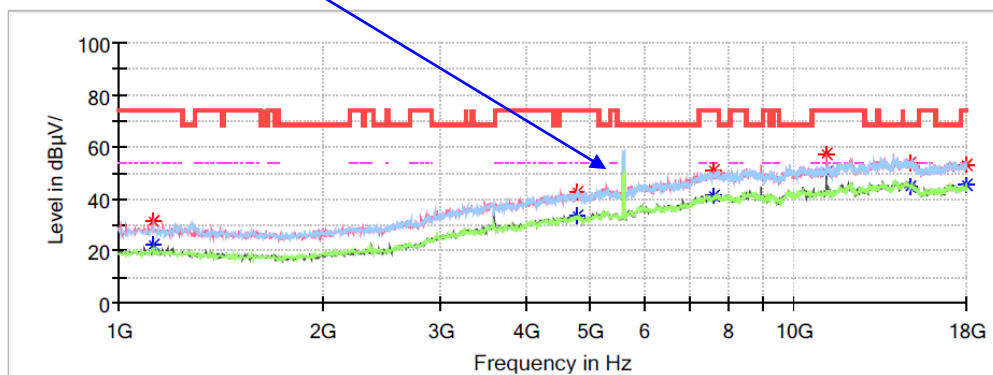
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1312.800000	---	18.39	54.00	35.61	H	-14.1
1312.800000	29.81	---	74.00	44.19	H	-14.1
4835.200000	---	32.91	54.00	21.09	V	-3.3
4835.200000	43.36	---	74.00	30.64	V	-3.3
8405.200000	---	42.00	54.00	12.00	H	4.4
8405.200000	51.86	---	74.00	22.14	H	4.4
11019.800000	---	48.64	54.00	5.36	V	6.7
11019.800000	58.15	---	74.00	15.85	V	6.7
14481.000000	---	46.32	54.00	7.68	H	11.9
14481.000000	54.80	---	74.00	19.20	H	11.9
17816.400000	---	45.53	54.00	8.47	V	11.3
17816.400000	53.39	---	74.00	20.61	V	11.3

Middle Channel: 5550MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental test with Band reject filter

Full Spectrum

**Critical_Freqs**

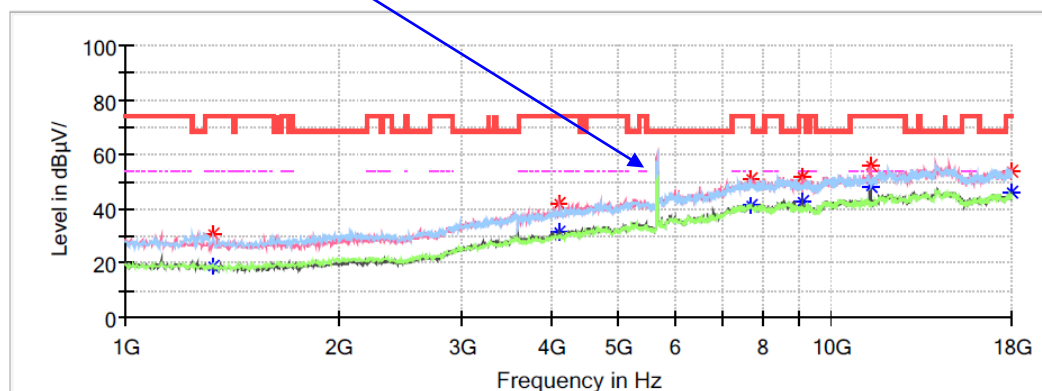
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1122.400000	---	22.61	54.00	31.39	V	-14.8
1122.400000	31.37	---	74.00	42.63	V	-14.8
4760.400000	---	33.77	54.00	20.23	H	-3.5
4760.400000	42.74	---	74.00	31.26	H	-3.5
7602.800000	---	41.12	54.00	12.88	V	3.0
7602.800000	51.06	---	74.00	22.94	V	3.0
11176.200000	57.21	---	74.00	16.79	V	7.1
11176.200000	---	50.02	54.00	3.98	V	7.1
14838.000000	54.13	---	68.20	14.07	H	10.8
17986.400000	---	45.76	54.00	8.24	V	11.7
17986.400000	53.30	---	74.00	20.70	V	11.7

High Channel: 5670MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental test with Band reject filter

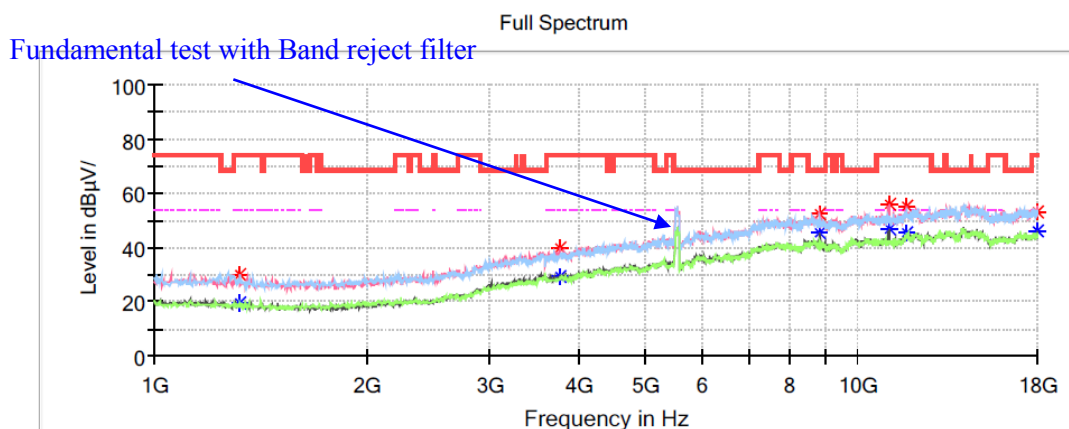
Full Spectrum

**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)
1329.800000	---	19.12	54.00	34.88	V	-14.0
1329.800000	30.84	---	74.00	43.16	V	-14.0
4124.600000	---	31.28	54.00	22.72	V	-4.8
4124.600000	41.71	---	74.00	32.29	V	-4.8
7711.600000	---	40.92	54.00	13.08	H	3.1
7711.600000	51.17	---	74.00	22.83	H	3.1
9071.600000	---	42.87	54.00	11.13	V	4.7
9071.600000	51.72	---	74.00	22.28	V	4.7
11346.200000	55.60	---	74.00	18.40	V	7.6
11346.200000	---	48.51	54.00	5.49	V	7.6
17976.200000	53.62	---	74.00	20.38	V	11.7
17976.200000	---	46.05	54.00	7.95	V	11.7

802.11ac80 Mode:**Low Channel: 5530MHz****Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80 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: 16.5℃
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

**Critical_Freqs**

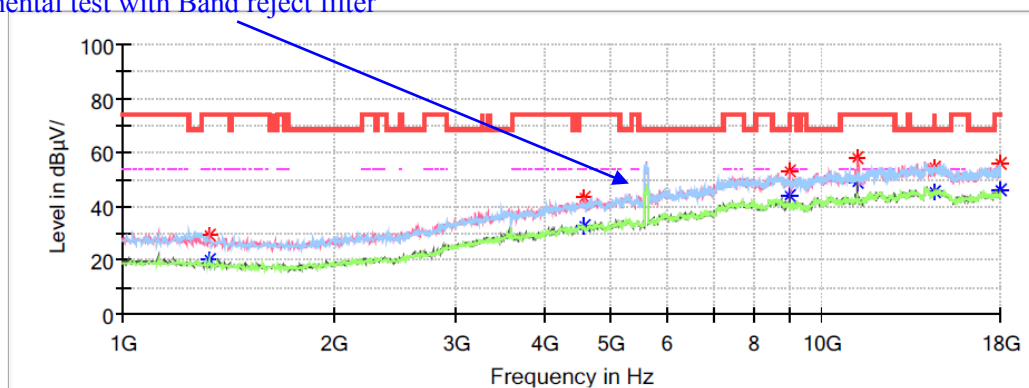
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1323.000000	---	19.49	54.00	34.51	H	-14.1
1323.000000	30.38	---	74.00	43.62	H	-14.1
3774.400000	---	29.53	54.00	24.47	V	-5.6
3774.400000	40.04	---	74.00	33.96	V	-5.6
8847.200000	52.59	---	68.20	15.61	V	4.7
11077.600000	55.98	---	74.00	18.02	V	6.8
11077.600000	---	46.95	54.00	7.05	V	6.8
11733.800000	---	45.16	54.00	8.84	H	8.6
11733.800000	55.55	---	74.00	18.45	H	8.6
17996.600000	---	45.97	54.00	8.03	V	11.8
17996.600000	53.33	---	74.00	20.67	V	11.8

High Channel: 5610MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

Fundamental test with Band reject filter

Full Spectrum

**Critical_Freqs**

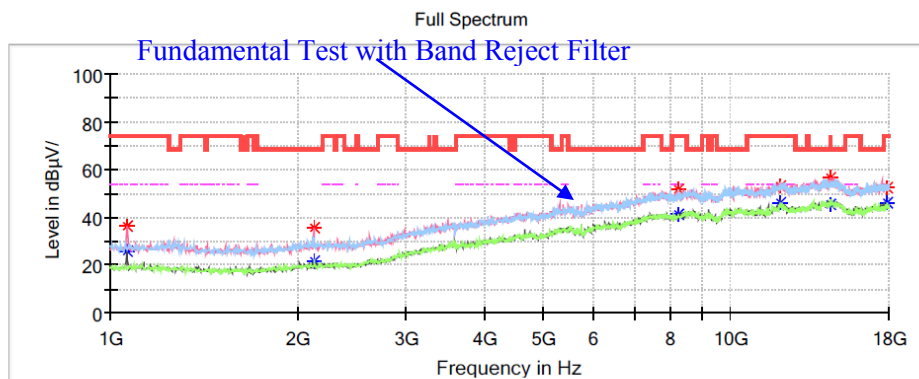
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1326.400000	---	20.57	54.00	33.43	V	-14.0
1326.400000	29.54	---	74.00	44.46	V	-14.0
4570.000000	43.57	---	74.00	30.43	V	-4.0
4570.000000	---	32.98	54.00	21.02	V	-4.0
8976.400000	52.94	---	68.20	15.26	V	4.7
11213.600000	---	49.15	54.00	4.85	V	7.3
11213.600000	58.31	---	74.00	15.69	V	7.3
14470.800000	54.32	---	74.00	19.68	H	11.9
14470.800000	---	45.78	54.00	8.22	H	11.9
17962.600000	55.86	---	74.00	18.14	H	11.7
17966.000000	---	46.02	54.00	7.98	H	11.7

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

Chain 0

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

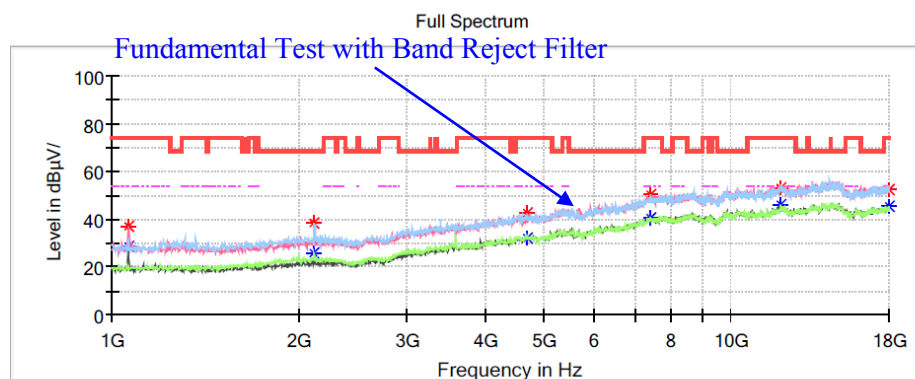
Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11a mode Low Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.3℃
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

**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	36.57	---	74.00	37.43	V	-15.0
1061.200000	---	25.85	54.00	28.15	V	-15.0
2125.400000	35.84	---	68.20	32.36	V	-9.9
8231.800000	---	41.53	54.00	12.47	H	3.9
8231.800000	51.97	---	74.00	22.03	H	3.9
12029.600000	---	46.23	54.00	7.77	H	9.1
12029.600000	53.33	---	74.00	20.67	H	9.1
14491.200000	---	45.24	54.00	8.76	V	12.0
14491.200000	56.83	---	74.00	17.17	V	12.0
17908.200000	---	46.05	54.00	7.95	H	11.5
17908.200000	52.53	---	74.00	21.47	H	11.5

Middle Channel: 5785MHz**Common Information**

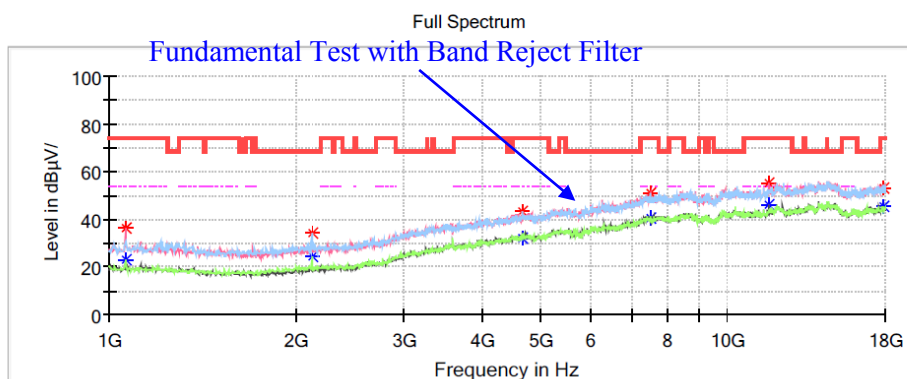
Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11a mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.3°C
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

**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	---	28.36	54.00	25.64	V	-15.0
1061.200000	37.32	---	74.00	36.68	V	-15.0
2122.000000	38.11	---	68.20	30.09	H	-9.9
4678.800000	---	32.09	54.00	21.91	V	-3.7
4678.800000	42.44	---	74.00	31.56	V	-3.7
7405.600000	---	40.88	54.00	13.12	V	2.7
7405.600000	50.68	---	74.00	23.32	V	2.7
12039.800000	53.43	---	74.00	20.57	H	9.0
12039.800000	---	45.84	54.00	8.16	H	9.0
17976.200000	52.19	---	74.00	21.81	H	11.7
17976.200000	---	45.63	54.00	8.37	H	11.7

High Channel: 5825MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.3℃
Humidity: 41%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/9

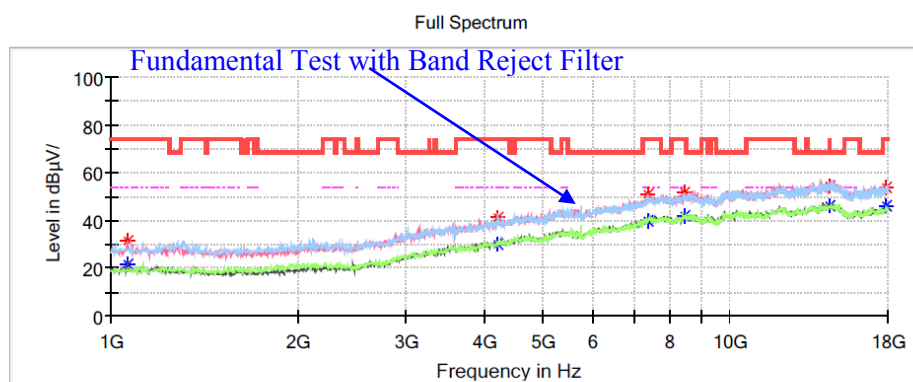
**Critical Freqs**

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	---	23.38	54.00	30.62	V	-15.0
1061.200000	36.28	---	74.00	37.72	V	-15.0
2125.400000	34.25	---	68.20	33.95	H	-9.9
4651.600000	---	32.38	54.00	21.62	H	-3.8
4651.600000	43.10	---	74.00	30.90	H	-3.8
7517.800000	---	40.23	54.00	13.77	H	3.0
7517.800000	51.34	---	74.00	22.66	H	3.0
11648.800000	55.07	---	74.00	18.93	V	8.4
11648.800000	---	46.00	54.00	8.00	V	8.4
17853.800000	53.25	---	74.00	20.75	V	11.4
17853.800000	---	45.51	54.00	8.49	V	11.4

Chain 1

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

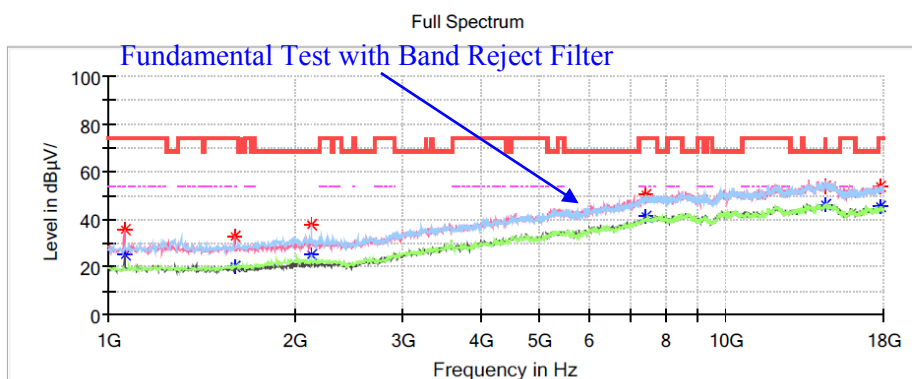
Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
Test Mode:	5G WIFI 802.11a mode Low Channel
Standard:	FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	17.1°C
Humidity:	44%
Atmospheric Pressure:	103.1kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/13

**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	---	21.40	54.00	32.60	V	-15.0
1061.200000	31.56	---	74.00	42.44	V	-15.0
4226.600000	---	30.12	54.00	23.88	V	-4.6
4226.600000	41.19	---	74.00	32.81	V	-4.6
7371.600000	---	40.19	54.00	13.81	H	2.6
7371.600000	51.16	---	74.00	22.84	H	2.6
8429.000000	---	41.71	54.00	12.29	H	4.5
8429.000000	51.99	---	74.00	22.01	H	4.5
14498.000000	---	46.23	54.00	7.77	V	12.0
14498.000000	54.88	---	74.00	19.12	V	12.0
17877.600000	53.57	---	74.00	20.43	H	11.4
17877.600000	---	45.87	54.00	8.13	H	11.4

Middle Channel: 5785MHz**Common Information**

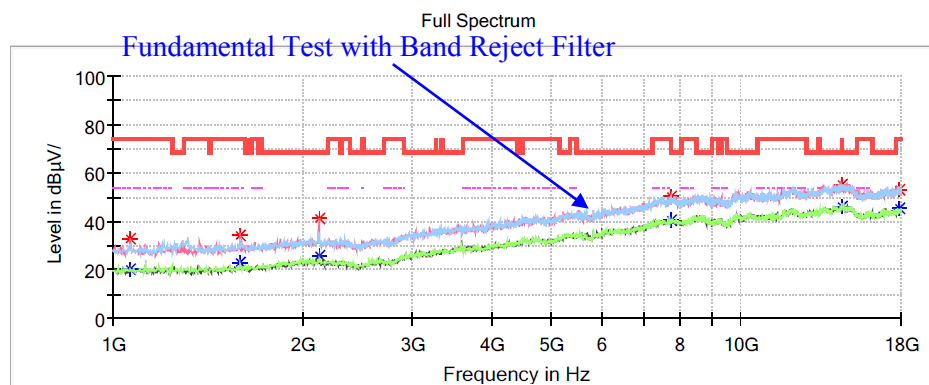
Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11a mode Middle Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.1°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/12/13

**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	---	24.88	54.00	29.12	V	-15.0
1061.200000	35.36	---	74.00	38.64	V	-15.0
1598.400000	---	20.57	54.00	33.43	V	-12.8
1598.400000	32.56	---	74.00	41.44	V	-12.8
2128.800000	37.94	---	68.20	30.26	H	-9.9
7422.600000	---	41.14	54.00	12.86	V	2.7
7422.600000	50.62	---	74.00	23.38	V	2.7
14491.200000	53.51	---	74.00	20.49	H	12.0
14491.200000	---	46.14	54.00	7.86	H	12.0
17806.200000	53.79	---	74.00	20.21	H	11.2
17806.200000	---	45.48	54.00	8.52	H	11.2

High Channel: 5825MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.1°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/12/13

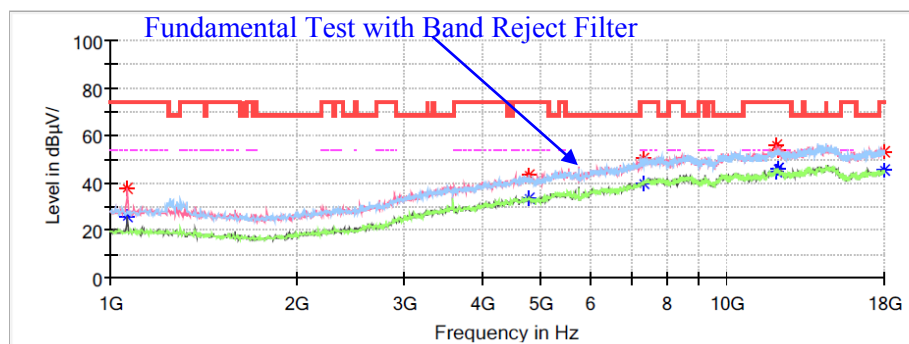
**Critical_Freqs**

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	---	20.12	54.00	33.88	V	-15.0
1064.600000	32.84	---	74.00	41.16	V	-15.0
1595.000000	---	22.98	54.00	31.02	V	-12.8
1595.000000	34.12	---	74.00	39.88	V	-12.8
2125.400000	41.01	---	68.20	27.19	V	-9.9
7721.800000	---	40.82	54.00	13.18	H	3.1
7721.800000	50.59	---	74.00	23.41	H	3.1
14498.000000	---	45.81	54.00	8.19	H	12.0
14498.000000	54.93	---	74.00	19.07	H	12.0
17898.000000	---	45.52	54.00	8.48	V	11.5
17898.000000	53.18	---	74.00	20.82	V	11.5

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

Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
Test Mode:	5G WIFI 802.11ac20 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:	16.5℃
Humidity:	40%
Atmospheric Pressure:	102.3kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/23

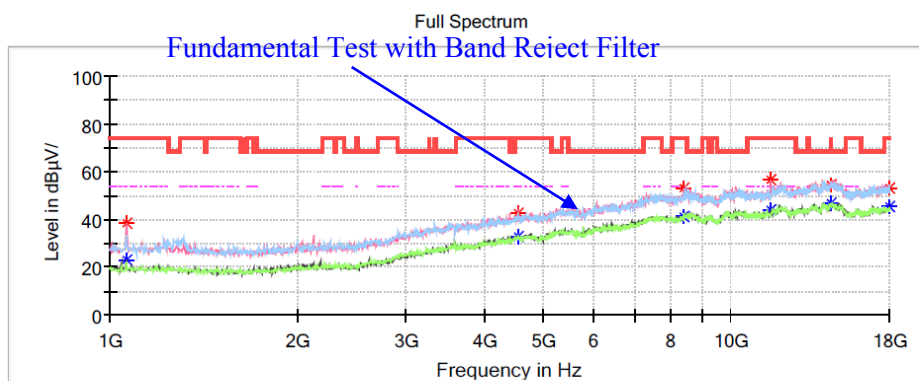
Full Spectrum

**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	---	26.14	54.00	27.86	V	-15.0
1064.600000	37.65	---	74.00	36.35	V	-15.0
4770.600000	---	33.32	54.00	20.68	V	-3.5
4770.600000	43.67	---	74.00	30.33	V	-3.5
7330.800000	---	40.20	54.00	13.80	H	2.5
7330.800000	50.51	---	74.00	23.49	H	2.5
12043.200000	---	45.03	54.00	8.97	V	9.0
12043.200000	56.14	---	74.00	17.86	V	9.0
12094.200000	54.00	---	74.00	20.00	H	9.0
12094.200000	---	46.23	54.00	7.77	H	9.0
17986.400000	---	45.78	54.00	8.22	H	11.7
17986.400000	53.44	---	74.00	20.56	H	11.7

Middle Channel: 5785MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

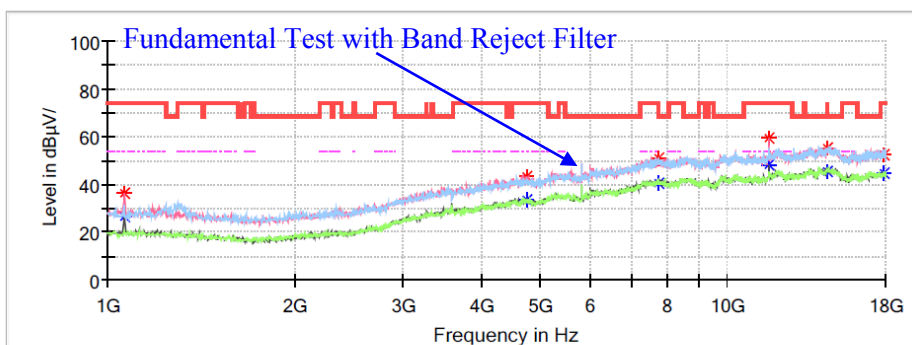
**Critical_Freqs**

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	38.43	---	74.00	35.57	V	-15.0
1061.200000	---	22.93	54.00	31.07	V	-15.0
4529.200000	---	33.13	54.00	20.87	H	-4.1
4529.200000	43.01	---	74.00	30.99	H	-4.1
8415.400000	53.10	---	74.00	20.90	H	4.5
8415.400000	---	41.45	54.00	12.55	H	4.5
11570.600000	56.36	---	74.00	17.64	V	8.2
11570.600000	---	44.17	54.00	9.83	V	8.2
14477.600000	---	46.95	54.00	7.05	V	11.9
14477.600000	54.44	---	74.00	19.56	V	11.9
17959.200000	53.38	---	74.00	20.62	V	11.7
17959.200000	---	45.20	54.00	8.80	V	11.7

High Channel: 5825MHz**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

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	---	26.68	54.00	27.32	V	-15.0
1064.600000	36.06	---	74.00	37.94	V	-15.0
4733.200000	43.34	---	74.00	30.66	V	-3.6
4733.200000	---	33.83	54.00	20.17	V	-3.6
7745.600000	---	40.56	54.00	13.44	V	3.1
7745.600000	51.29	---	74.00	22.71	V	3.1
11645.400000	59.50	---	74.00	14.50	V	8.4
11645.400000	---	48.26	54.00	5.74	V	8.4
14470.800000	55.04	---	74.00	18.96	H	11.9
14470.800000	---	45.66	54.00	8.34	H	11.9
17925.200000	---	45.08	54.00	8.92	H	11.6
17925.200000	52.56	---	74.00	21.44	H	11.6

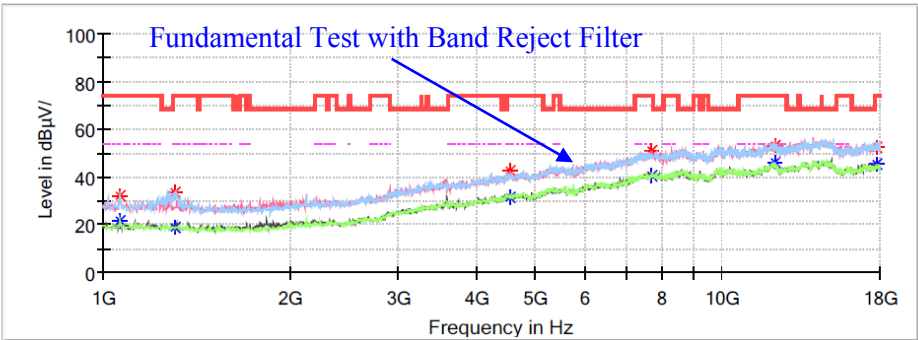
802.11ac40 Mode:

Channel: 5755MHz

Common Information

Project No.: RBJ251015001
 EUT Model: ZYCXD105U
 Test Mode: 5G WIFI 802.11ac40 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: 16.5°C
 Humidity: 40%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Test Date: 2025/12/23

Full Spectrum

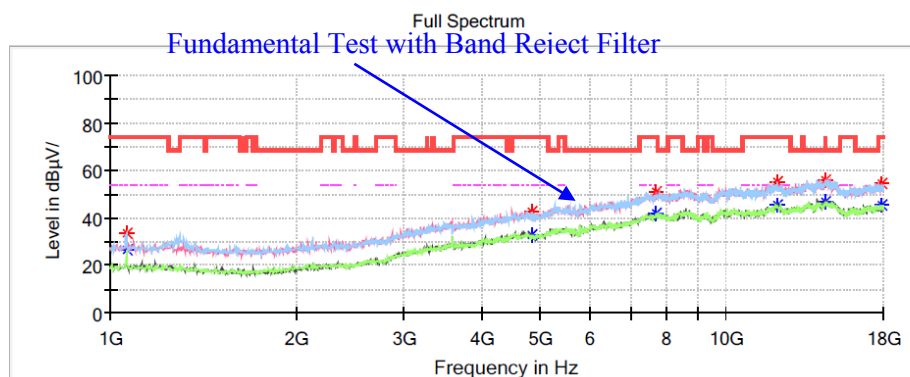


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	21.61	54.00	32.39	V	-15.0
1061.200000	32.51	---	74.00	41.49	V	-15.0
1302.600000	---	18.84	54.00	35.16	V	-14.1
1302.600000	33.75	---	74.00	40.25	V	-14.1
4536.000000	---	31.68	54.00	22.32	H	-4.1
4536.000000	43.01	---	74.00	30.99	H	-4.1
7687.800000	---	40.70	54.00	13.30	V	3.1
7687.800000	50.92	---	74.00	23.08	V	3.1
12165.600000	52.93	---	74.00	21.07	H	9.0
12165.600000	---	46.13	54.00	7.87	H	9.0
17799.400000	---	45.43	54.00	8.57	V	11.2
17799.400000	52.76	---	74.00	21.24	V	11.2

Channel: 5795MHz**Common Information**

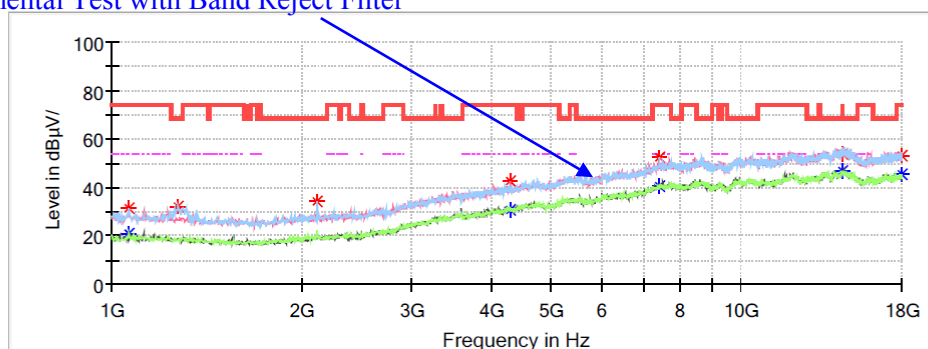
Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 mode High Channel
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

**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)
1061.200000	---	26.64	54.00	27.36	H	-15.0
1061.200000	33.52	---	74.00	40.48	H	-15.0
4821.600000	42.71	---	74.00	31.29	V	-3.4
4821.600000	---	32.63	54.00	21.37	V	-3.4
7684.400000	---	41.81	54.00	12.19	V	3.1
7684.400000	50.74	---	74.00	23.26	V	3.1
12094.200000	---	45.38	54.00	8.62	H	9.0
12094.200000	55.45	---	74.00	18.55	H	9.0
14484.400000	55.74	---	74.00	18.26	H	11.9
14484.400000	---	47.17	54.00	6.83	H	11.9
17843.600000	---	45.39	54.00	8.61	V	11.3
17843.600000	54.51	---	74.00	19.49	V	11.3

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

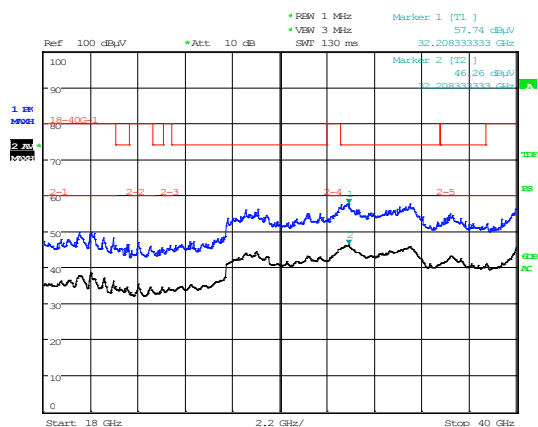
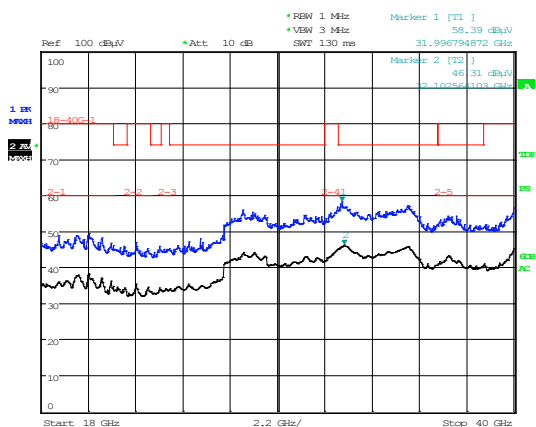
Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80
Standard: FCC Part 15.407& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 16.5°C
Humidity: 40%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Test Date: 2025/12/23

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)
1064.600000	31.68	---	74.00	42.32	H	-15.0
1064.600000	---	20.86	54.00	33.14	H	-15.0
1275.400000	32.30	---	68.20	35.90	H	-14.2
2122.000000	34.06	---	68.20	34.14	H	-9.9
4291.200000	42.36	---	74.00	31.64	V	-4.5
4291.200000	---	30.98	54.00	23.02	V	-4.5
7422.600000	---	40.61	54.00	13.39	V	2.7
7422.600000	52.22	---	74.00	21.78	V	2.7
14494.600000	54.07	---	74.00	19.93	H	12.0
14494.600000	---	46.93	54.00	7.07	H	12.0
17996.600000	---	45.50	54.00	8.50	H	11.8
17996.600000	53.33	---	74.00	20.67	H	11.8

18GHz-40GHz:

Pre-scan with 802.11a, 802.11ac20, 802.11ac40, 802.11ac80 modes of operation in the X,Y and Z axes of orientation, the worst case **802.11ac40 mode (5755MHz)** was recorded

Horizontal**Vertical**

Project No :RBJ251015001 Tester :Hugh Wu
Date: 15.DEC.2025 17:53:54

Project No :RBJ251015001 Tester :Hugh Wu
Date: 15.DEC.2025 18:26:51

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)
32.00	58.39	74.2	15.81	V	23.14
32.21	57.74	74.2	16.46	H	23.35

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

Note:

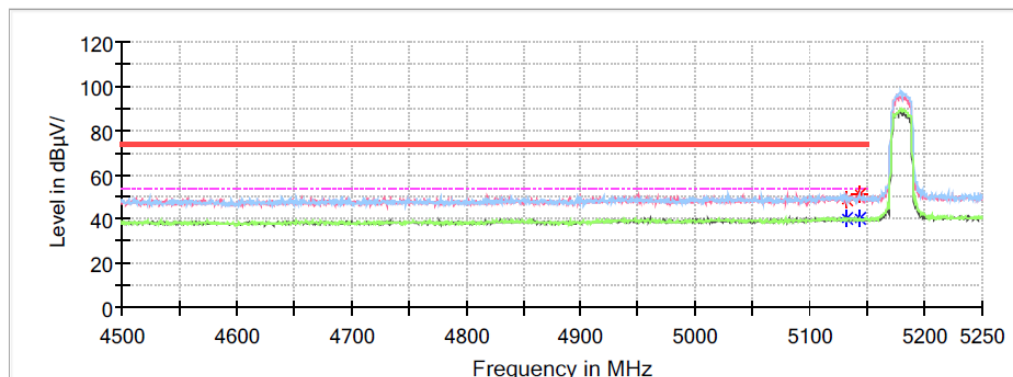
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

Chain 0

802.11a Mode:**Common Information**

Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
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:	17.2℃
Humidity:	43%
Atmospheric Pressure:	103.0kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/8

Full Spectrum

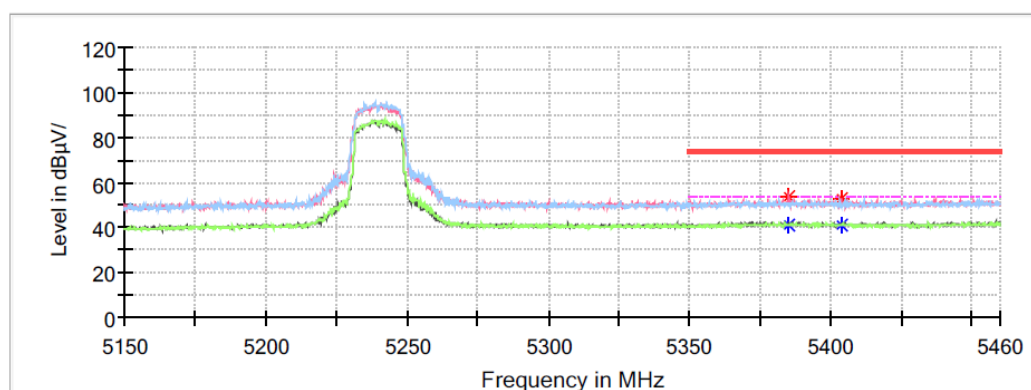
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5132.100000	---	40.64	54.00	13.36	H	3.4
5132.100000	49.00	---	74.00	25.00	H	3.4
5142.600000	---	40.29	54.00	13.71	H	3.4
5142.600000	51.55	---	74.00	22.45	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

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)
5385.476000	---	41.43	54.00	12.57	V	4.0
5385.476000	54.04	---	74.00	19.96	V	4.0
5403.704000	---	41.44	54.00	12.56	V	4.1
5403.704000	52.76	---	74.00	21.24	V	4.1

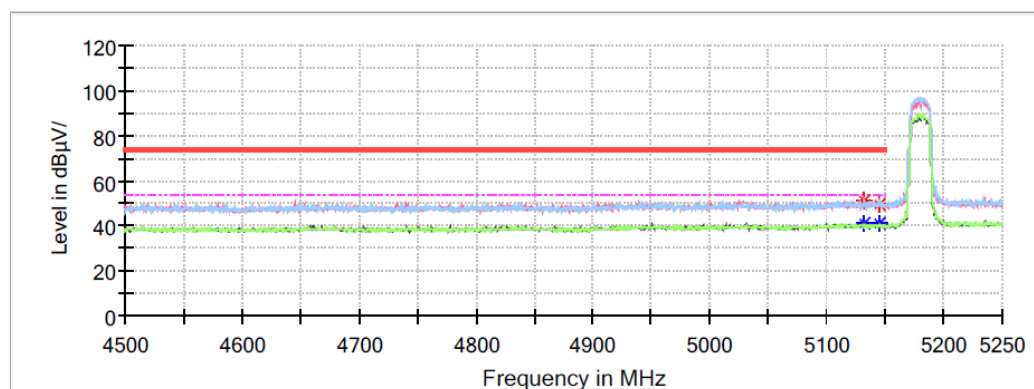
Chain 1

802.11a Mode:

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.4℃
Humidity: 44%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2025/12/10

Full Spectrum



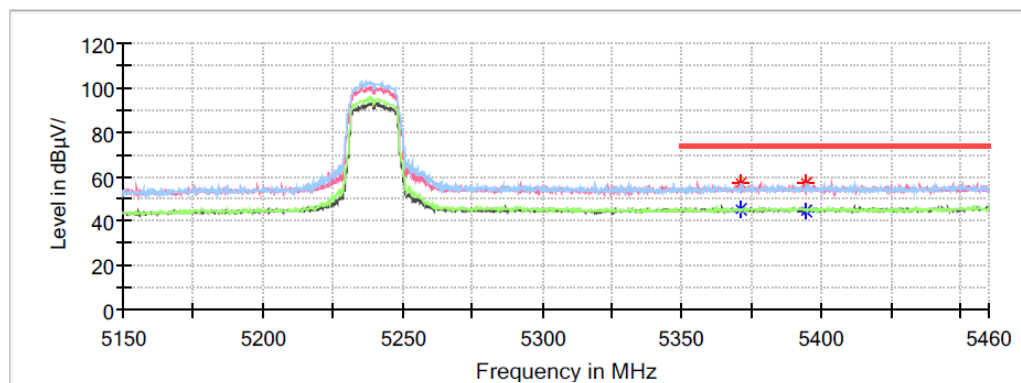
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5132.700000	51.57	---	74.00	22.43	H	3.4
5132.700000	---	40.70	54.00	13.30	H	3.4
5145.600000	49.37	---	74.00	24.63	H	3.4
5145.600000	---	40.86	54.00	13.14	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.4℃
Humidity: 44%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2025/12/10

Full Spectrum



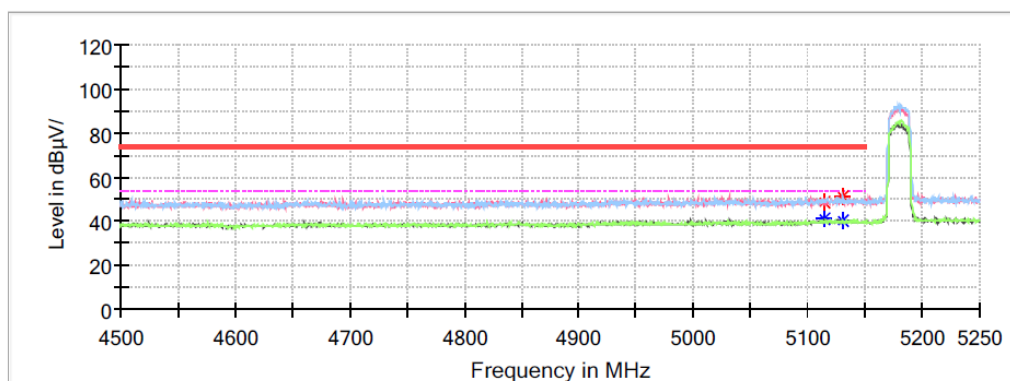
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5370.968000	---	45.25	54.00	8.75	H	8.0
5370.968000	57.10	---	74.00	16.90	H	8.0
5394.652000	---	44.86	54.00	9.14	H	8.0
5394.652000	57.26	---	74.00	16.74	H	8.0

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

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum

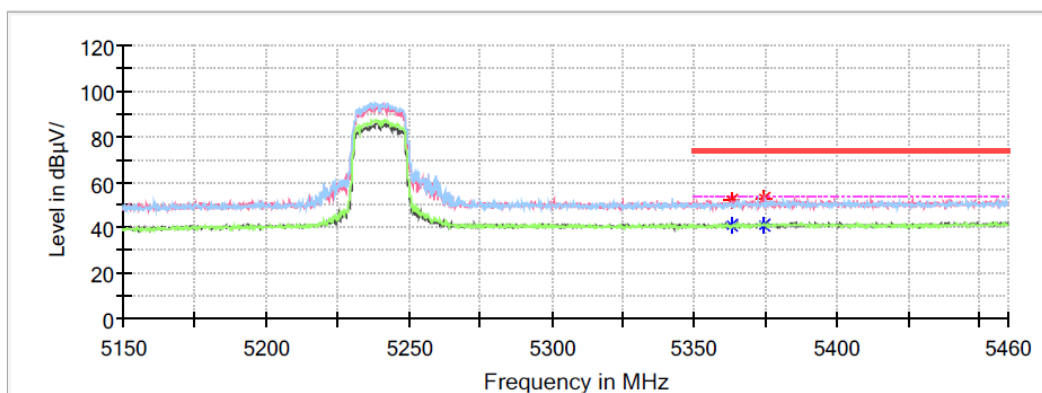
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5113.800000	---	40.83	54.00	13.17	V	3.4
5113.800000	48.78	---	74.00	25.22	V	3.4
5130.900000	---	40.19	54.00	13.81	H	3.4
5130.900000	51.42	---	74.00	22.58	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum



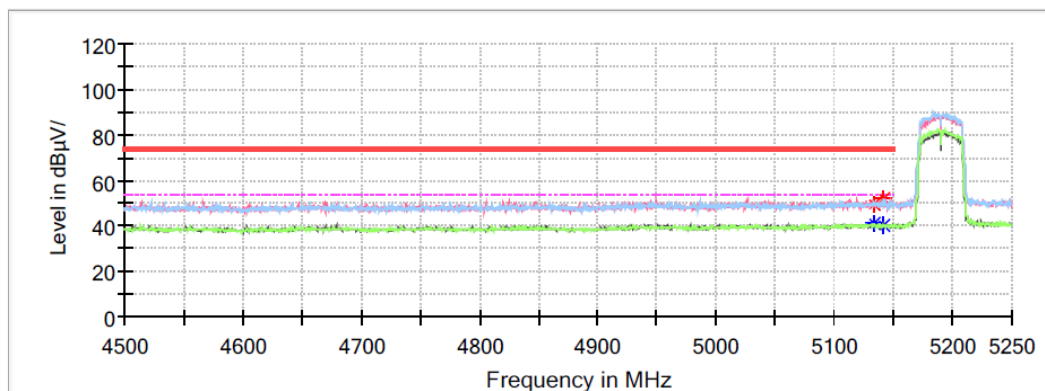
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5363.032000	---	41.42	54.00	12.58	V	4.0
5363.032000	52.32	---	74.00	21.68	V	4.0
5374.812000	53.09	---	74.00	20.91	V	4.0
5374.812000	---	41.09	54.00	12.91	V	4.0

802.11ac40 Mode:**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum

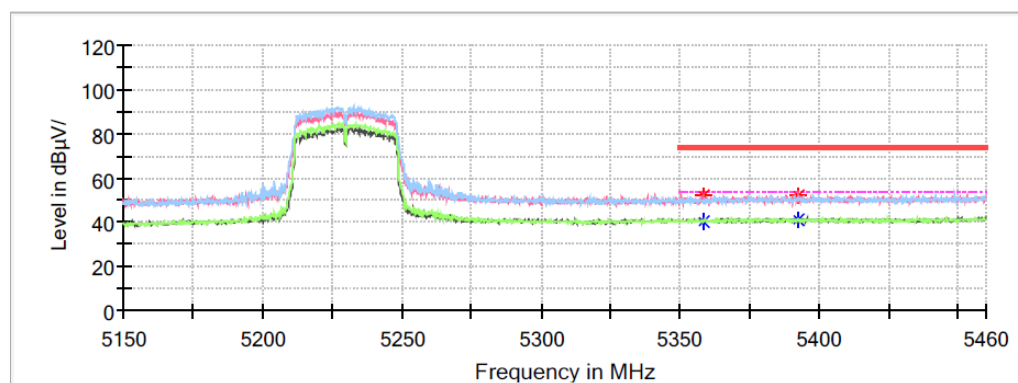
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5133.600000	---	40.89	54.00	13.11	H	3.4
5133.600000	49.87	---	74.00	24.13	H	3.4
5142.000000	---	39.95	54.00	14.05	H	3.4
5142.000000	51.73	---	74.00	22.27	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum



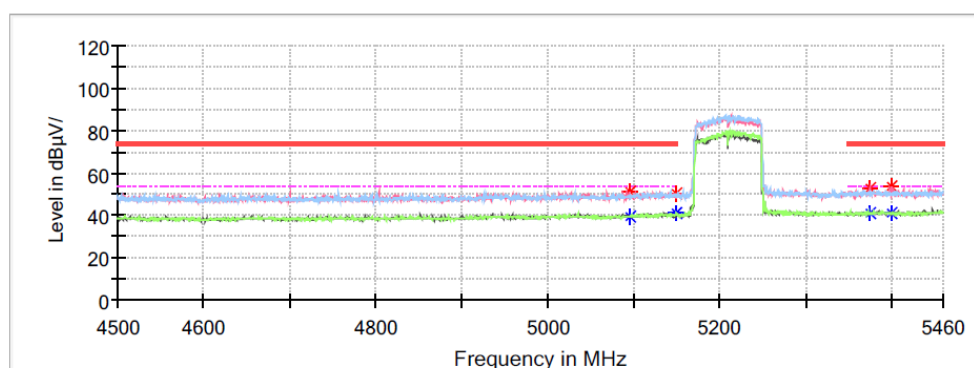
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5358.196000	---	40.70	54.00	13.30	V	4.0
5358.196000	52.08	---	74.00	21.92	V	4.0
5392.792000	---	41.23	54.00	12.77	V	4.0
5392.792000	52.14	---	74.00	21.86	V	4.0

802.11ac80 Mode:**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80
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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

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)
5095.968000	51.36	---	74.00	22.64	V	3.3
5095.968000	---	39.41	54.00	14.59	V	3.3
5149.728000	49.95	---	74.00	24.05	H	3.5
5149.728000	---	40.98	54.00	13.02	H	3.5
5374.368000	---	41.07	54.00	12.93	V	4.0
5374.368000	52.61	---	74.00	21.39	V	4.0
5400.480000	---	41.23	54.00	12.77	V	4.1
5400.480000	53.37	---	74.00	20.63	V	4.1

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

Note:

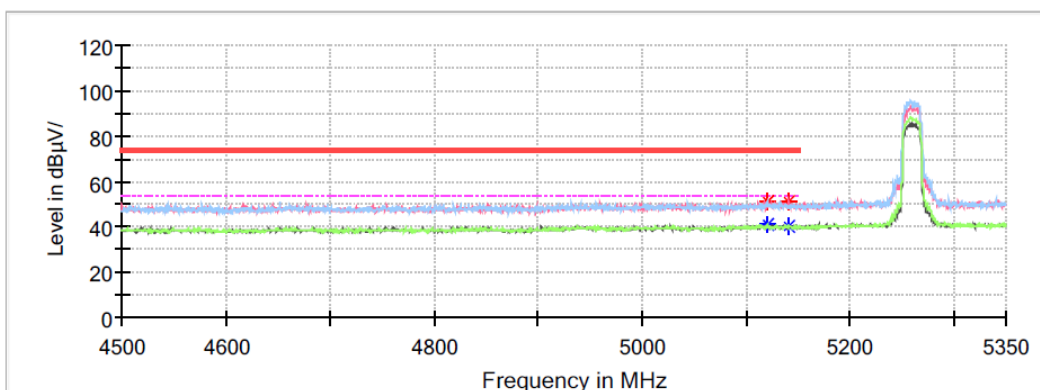
1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

Chain 0

802.11a Mode:**Common Information**

Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
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:	17.2°C
Humidity:	43%
Atmospheric Pressure:	103.0kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/8

Full Spectrum

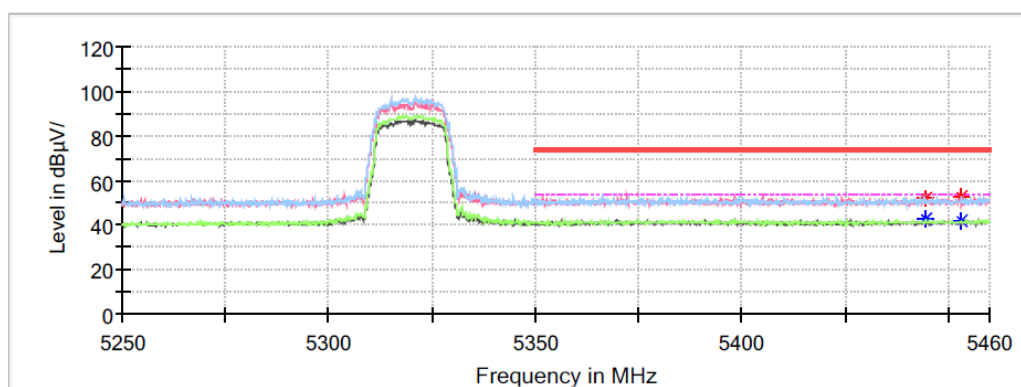
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5120.160000	50.88	---	74.00	23.12	H	3.4
5120.160000	---	40.97	54.00	13.03	H	3.4
5141.920000	51.21	---	74.00	22.79	H	3.4
5141.920000	---	40.41	54.00	13.59	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum



Critical Freqs

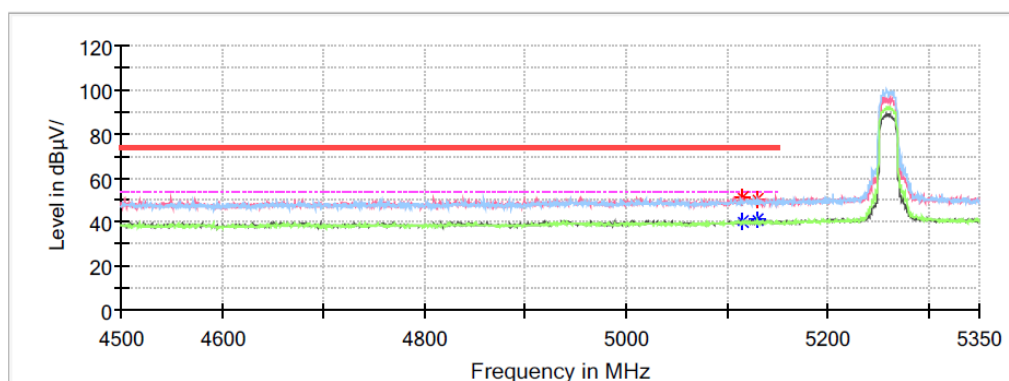
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5444.544000	51.63	---	74.00	22.37	H	4.2
5444.544000	---	42.49	54.00	11.51	H	4.2
5453.112000	52.69	---	74.00	21.31	H	4.2
5453.112000	---	41.73	54.00	12.27	H	4.2

Chain 1

802.11a Mode:**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.4℃
Humidity: 44%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2025/12/10

Full Spectrum

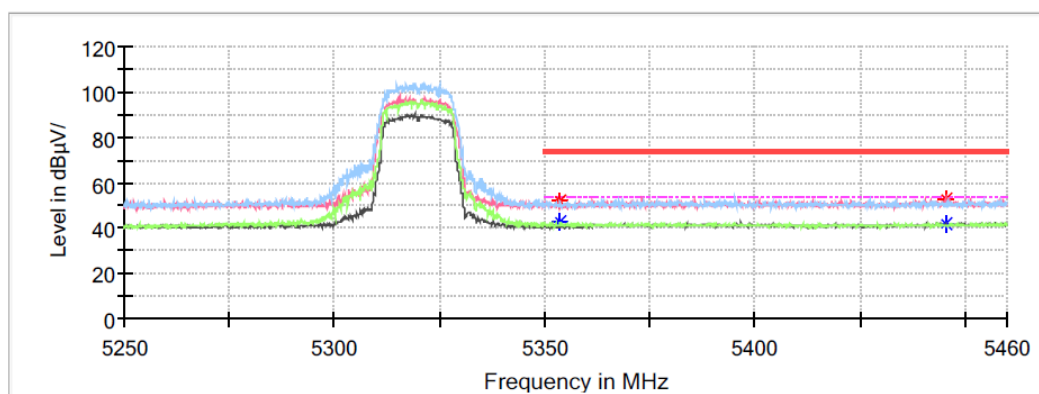
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5116.080000	51.02	---	74.00	22.98	V	3.4
5116.080000	---	39.95	54.00	14.05	V	3.4
5131.040000	50.47	---	74.00	23.53	H	3.4
5131.040000	---	40.76	54.00	13.24	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
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: 17.4℃
Humidity: 44%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2025/12/10

Full Spectrum



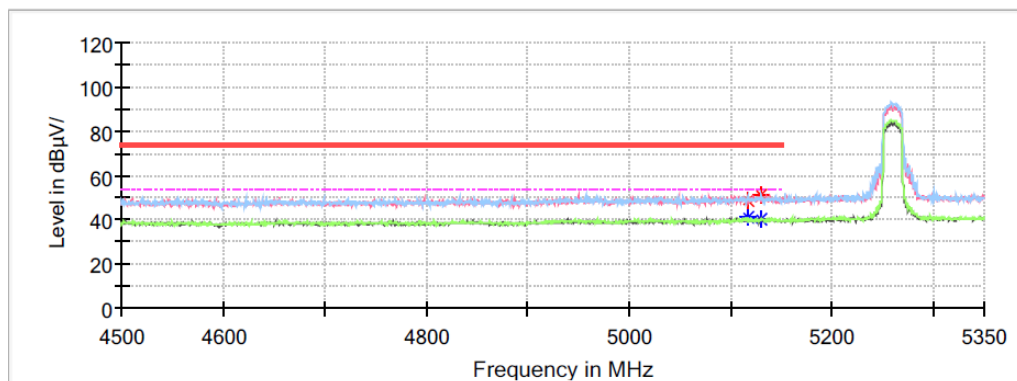
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5353.572000	---	42.59	54.00	11.41	H	3.9
5353.572000	52.16	---	74.00	21.84	H	3.9
5445.300000	---	41.86	54.00	12.14	V	4.2
5445.300000	53.16	---	74.00	20.84	V	4.2

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

Project No.:	RBJ251015001
EUT Model:	ZYCXD105U
Test Mode:	5G WIFI 802.11ac20 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:	17.2°C
Humidity:	43%
Atmospheric Pressure:	103.0kPa
Test Engineer:	Destine Hu
Test Date:	2025/12/8

Full Spectrum

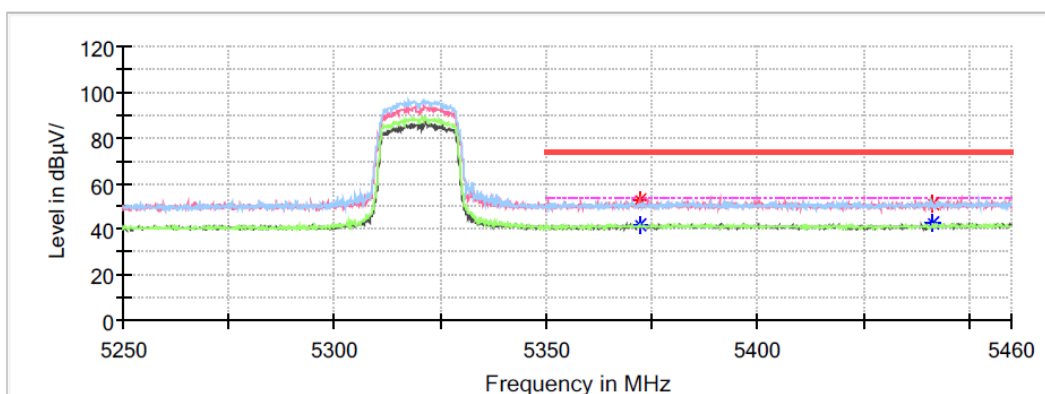
**Critical_Freqs**

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	---	40.87	54.00	13.13	H	3.4
5117.440000	49.07	---	74.00	24.93	H	3.4
5131.040000	---	40.20	54.00	13.80	H	3.4
5131.040000	50.96	---	74.00	23.04	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac20 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum



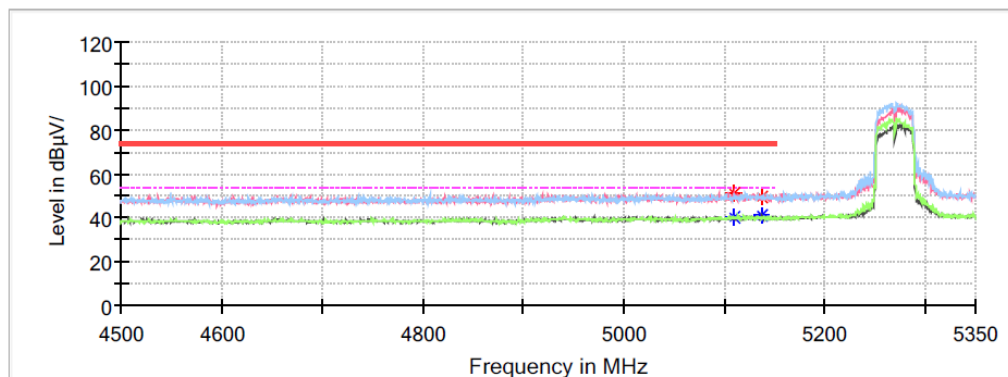
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5372.052000	52.88	---	74.00	21.12	H	4.0
5372.052000	---	41.65	54.00	12.35	H	4.0
5441.520000	50.94	---	74.00	23.06	H	4.2
5441.520000	---	42.39	54.00	11.61	H	4.2

802.11ac40 Mode:**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum

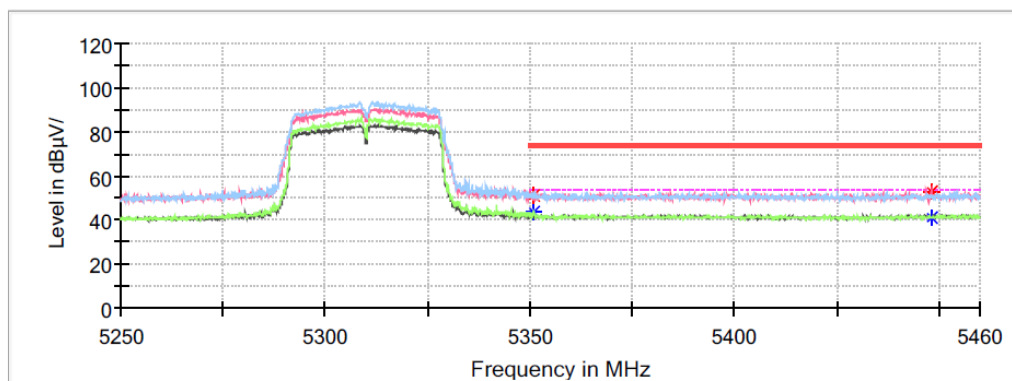
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5109.280000	51.38	---	74.00	22.62	H	3.4
5109.280000	---	40.25	54.00	13.75	H	3.4
5138.180000	49.13	---	74.00	24.87	H	3.4
5138.180000	---	40.89	54.00	13.11	H	3.4

Common Information

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac40 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: 17.2℃
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

Full Spectrum



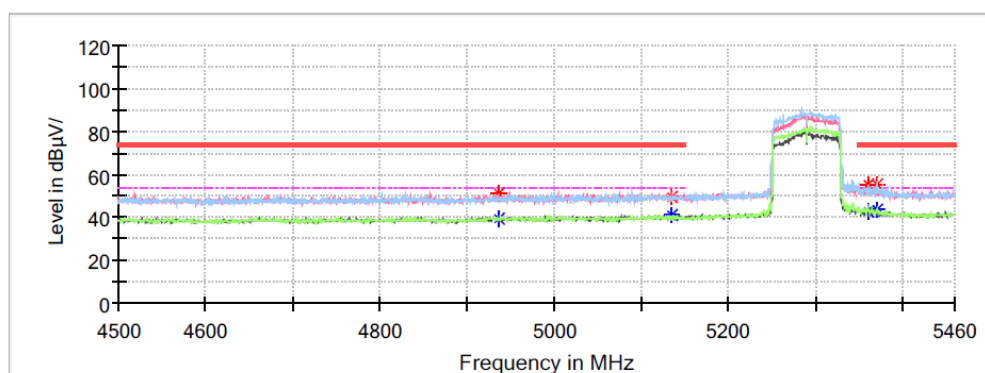
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5351.136000	---	43.63	54.00	10.37	H	3.9
5351.136000	51.56	---	74.00	22.44	H	3.9
5448.072000	---	41.50	54.00	12.50	H	4.2
5448.072000	53.10	---	74.00	20.90	H	4.2

802.11ac80 Mode:**Common Information**

Project No.: RBJ251015001
EUT Model: ZYCXD105U
Test Mode: 5G WIFI 802.11ac80
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: 17.2°C
Humidity: 43%
Atmospheric Pressure: 103.0kPa
Test Engineer: Destine Hu
Test Date: 2025/12/8

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)
4936.608000	---	39.65	54.00	14.35	V	2.9
4936.608000	51.26	---	74.00	22.74	V	2.9
5135.520000	---	41.06	54.00	12.94	V	3.4
5135.520000	49.24	---	74.00	24.76	V	3.4
5361.312000	55.01	---	74.00	18.99	V	4.0
5361.312000	---	42.47	54.00	11.53	V	4.0
5370.144000	---	43.35	54.00	10.65	H	4.0
5370.144000	55.42	---	74.00	18.58	H	4.0