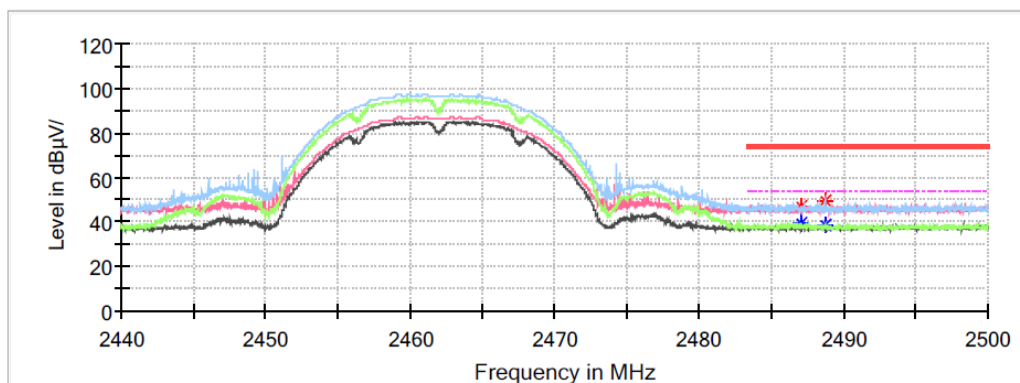


High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11b mode chain 0 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum



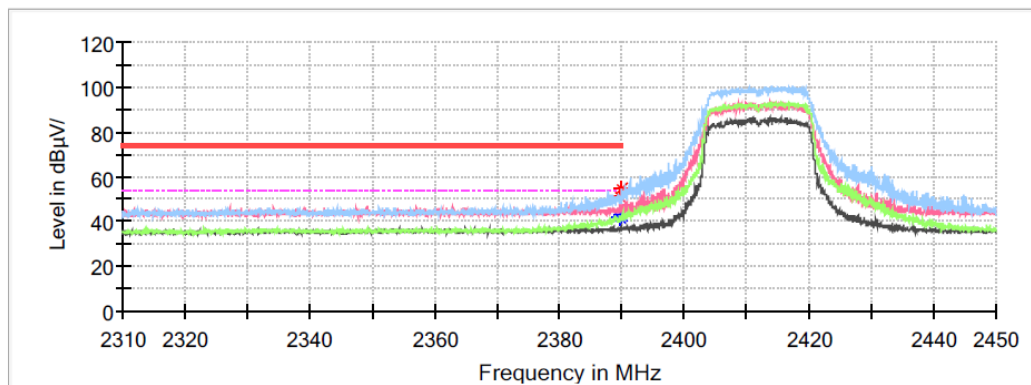
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2487.028000	---	39.53	54.00	14.47	H	-0.3
2487.028000	46.97	---	74.00	27.03	H	-0.3
2488.696000	---	38.21	54.00	15.79	H	-0.3
2488.696000	49.19	---	74.00	24.81	H	-0.3

802.11g Mode :**Low Channel****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11g mode chain 0 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum

**Critical_Freqs**

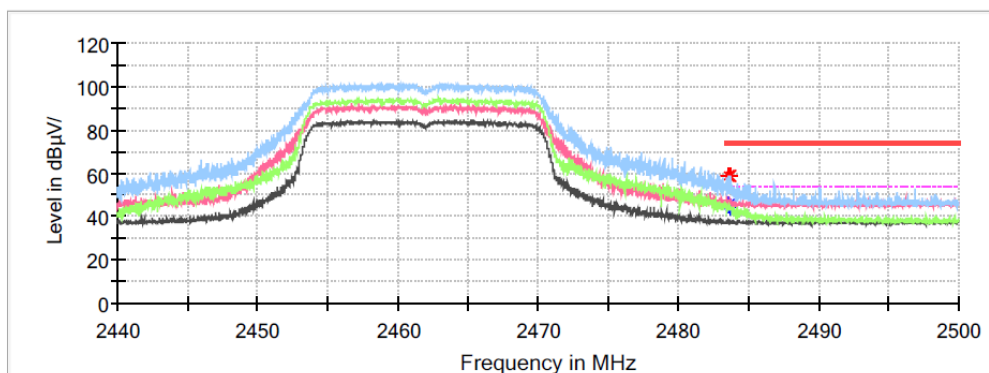
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	PoI	Corr. (dB/m)
2389.800000	50.82	---	74.00	23.18	H	-0.6
2389.800000	---	42.08	54.00	11.92	H	-0.6
2389.996000	---	42.45	54.00	11.55	H	-0.6
2389.996000	54.30	---	74.00	19.70	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11g mode chain 0 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum



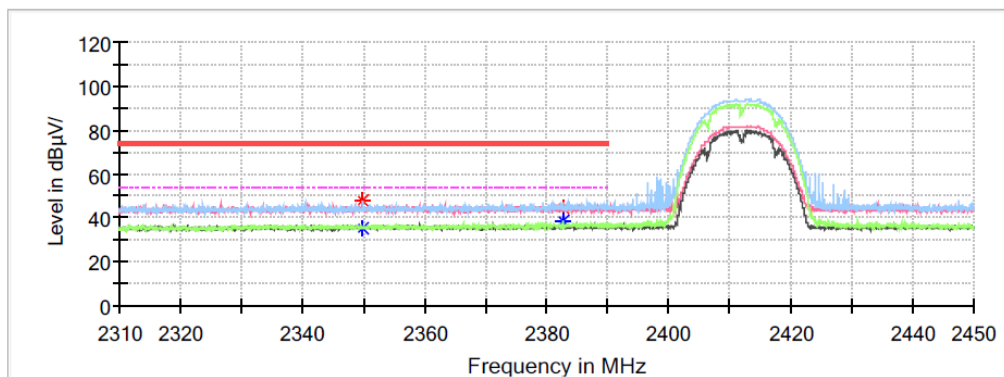
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2483.572000	---	45.06	54.00	8.94	H	-0.3
2483.572000	59.03	---	74.00	14.97	H	-0.3
2483.764000	---	44.73	54.00	9.27	H	-0.3
2483.764000	58.63	---	74.00	15.37	H	-0.3

Chain 1**802.11b Mode:****Low Channel****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11b mode chain 1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum

**Critical_Freqs**

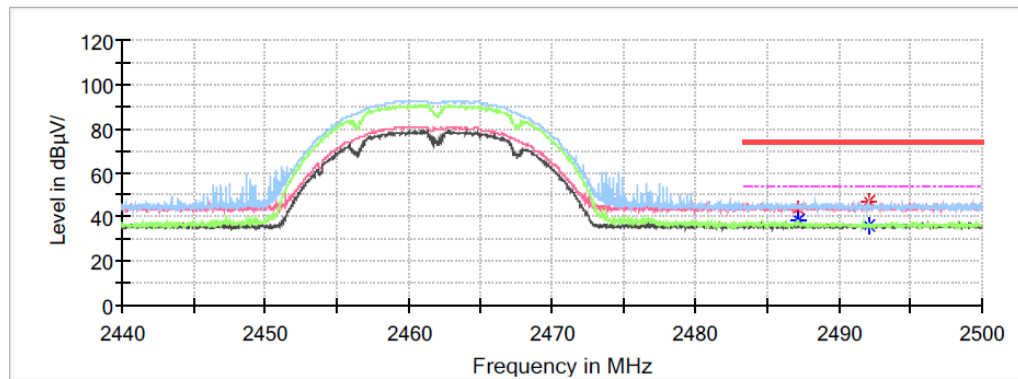
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2349.788000	---	35.65	54.00	18.35	H	-0.7
2349.788000	47.45	---	74.00	26.55	H	-0.7
2382.716000	---	38.45	54.00	15.55	H	-0.6
2382.716000	44.36	---	74.00	29.64	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11b mode chain 1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

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)
2487.148000	---	38.26	54.00	15.74	H	-0.3
2487.148000	44.02	---	74.00	29.98	H	-0.3
2492.056000	---	35.79	54.00	18.21	V	-0.3
2492.056000	47.23	---	74.00	26.77	V	-0.3

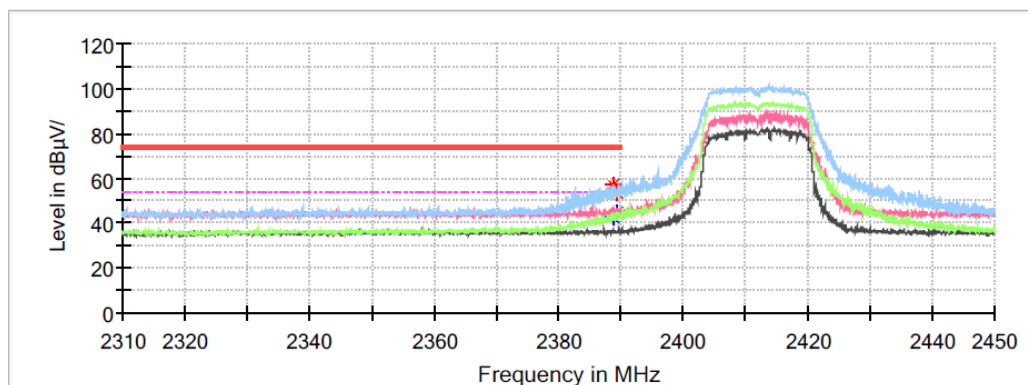
802.11g Mode :

Low Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11g mode chain 1 Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum



Critical_Freqs

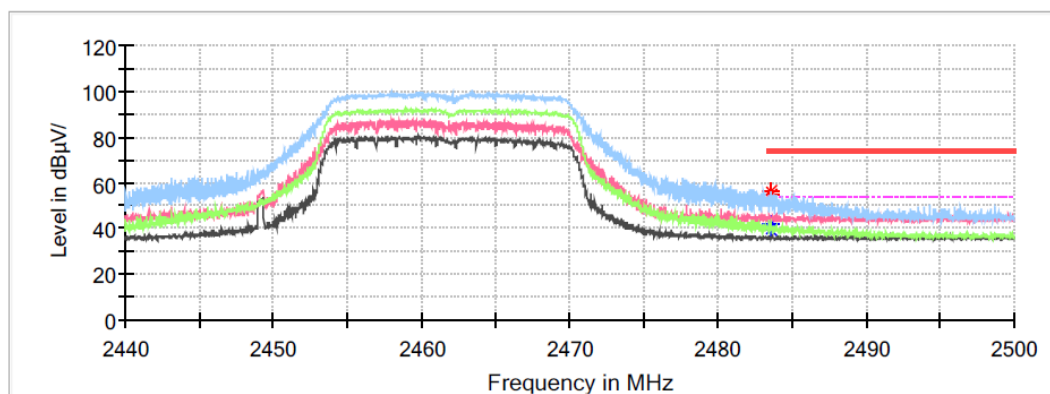
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2388.792000	---	42.97	54.00	11.03	H	-0.6
2388.792000	56.78	---	74.00	17.22	H	-0.6
2389.408000	---	44.35	54.00	9.65	H	-0.6
2389.408000	54.05	---	74.00	19.95	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11g mode chain 1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum



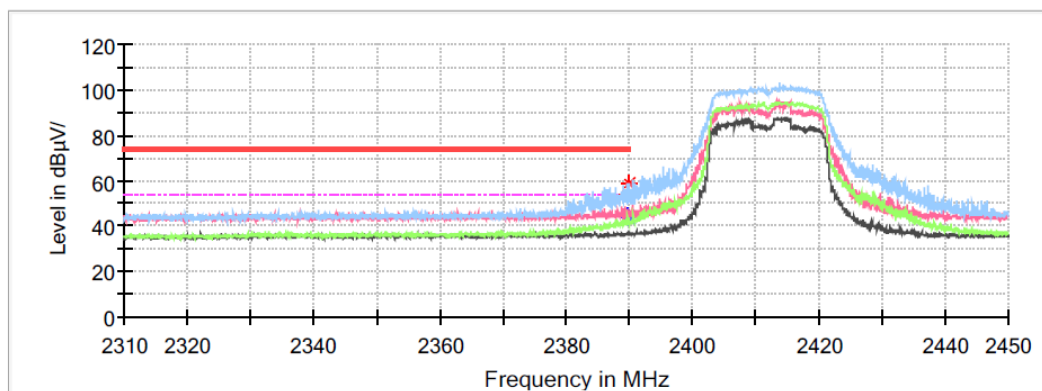
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2483.584000	---	42.26	54.00	11.74	H	-0.3
2483.584000	54.44	---	74.00	19.56	H	-0.3
2483.596000	---	39.29	54.00	14.71	H	-0.3
2483.596000	55.83	---	74.00	18.17	H	-0.3

Chain0+Chain1
802.11n-HT20 Mode:**Low Channel****Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11n20 mode chain 0+1 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

Full Spectrum

**Critical_Freqs**

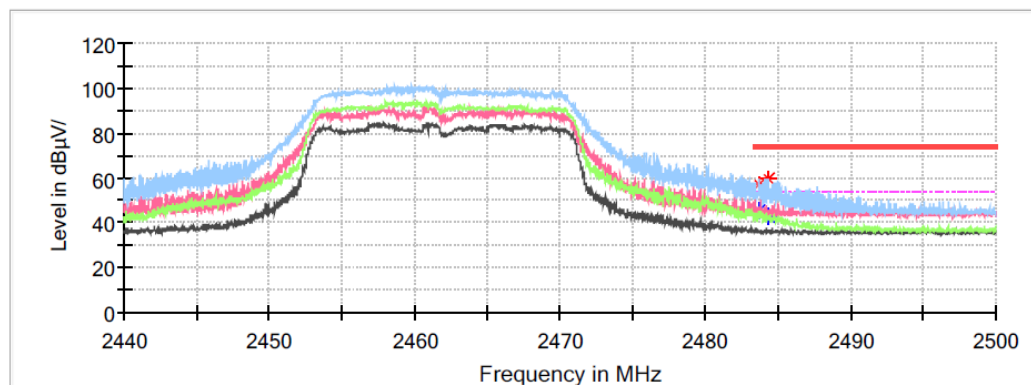
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2389.800000	53.78	---	74.00	20.22	H	-0.6
2389.800000	---	44.29	54.00	9.71	H	-0.6
2389.940000	---	43.84	54.00	10.16	H	-0.6
2389.940000	58.88	---	74.00	15.12	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11n20 mode chain 0+1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum



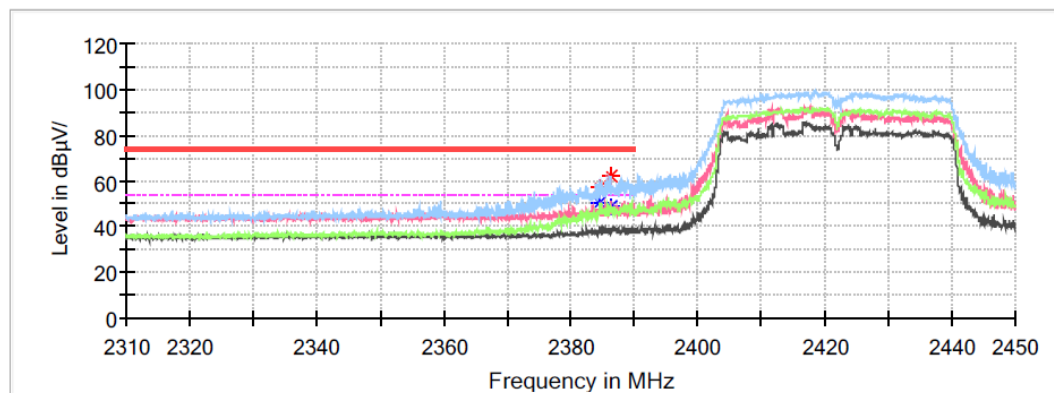
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2483.752000	---	45.57	54.00	8.43	H	-0.3
2483.752000	57.26	---	74.00	16.74	H	-0.3
2484.340000	---	42.57	54.00	11.43	H	-0.3
2484.340000	59.99	---	74.00	14.01	H	-0.3

802.11n-HT40 Mode:**Low Channel****Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in 802.11n40 mode chain 0+1 Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

Full Spectrum

**Critical_Freqs**

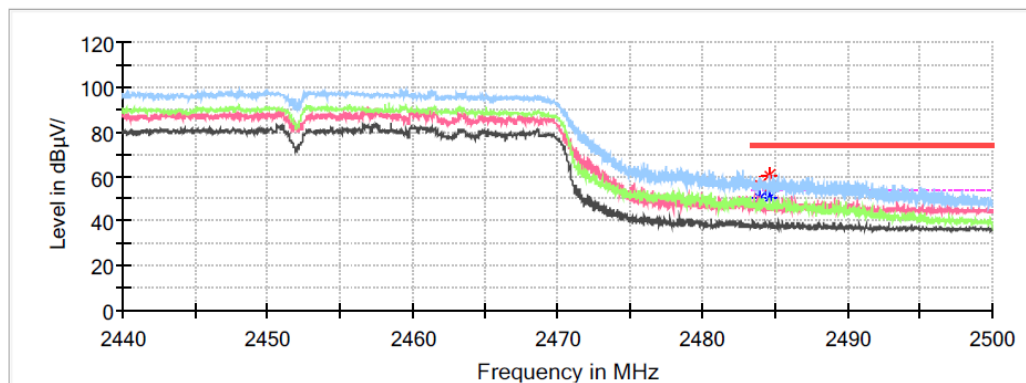
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2384.424000	---	50.11	54.00	3.89	H	-0.6
2384.424000	57.41	---	74.00	16.59	H	-0.6
2386.300000	---	48.75	54.00	5.25	H	-0.6
2386.300000	61.75	---	74.00	12.25	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in 802.11n40 mode chain 0+1 High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

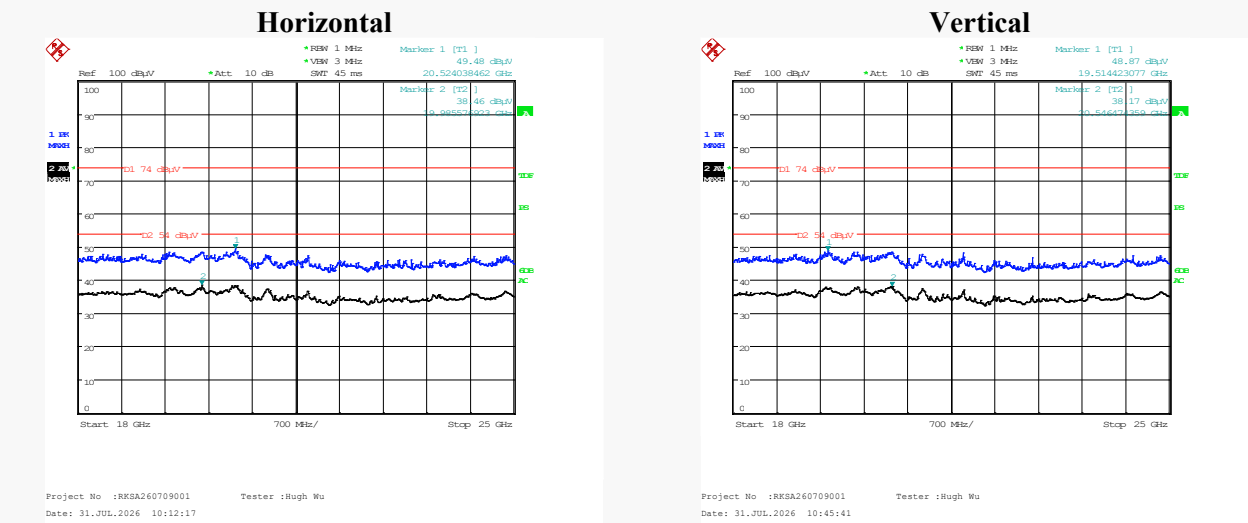
Full Spectrum



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)
2483.992000	---	50.62	54.00	3.38	H	-0.3
2483.992000	55.94	---	74.00	18.06	H	-0.3
2484.568000	---	50.32	54.00	3.68	H	-0.3
2484.568000	60.12	---	74.00	13.88	H	-0.3

18GHz-25GHz: Transmitting in maximum output power mode and 802.11n-HT40 mode low channel

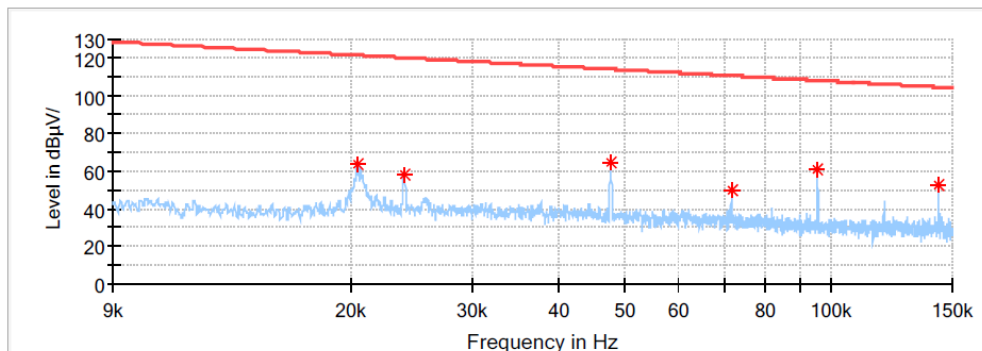


Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.55	---	38.17	54	15.83	V	12.77
19.51	48.87	---	74	25.13	V	10.88
19.99	---	38.46	54	15.54	H	12.24
20.52	49.48	---	74	24.52	H	12.75

Note: The test distance is 3m. The limit is 74dB μ V/m (Peak) and 54dB μ V/m (Average).

For BLE Mode:**BLE (1 Mbps) 9kHz-150kHz** (Transmitting in maximum output power mode BLE (1 Mbps) high channel)**High Channel: 2480MHz****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE 1M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, 1313-1A, 310N
Receiver Setting: RBW: 200 Hz, VBW: 1 kHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 59%
Barometric Pressure: 100.3 kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/8/11

**Critical Freqs**

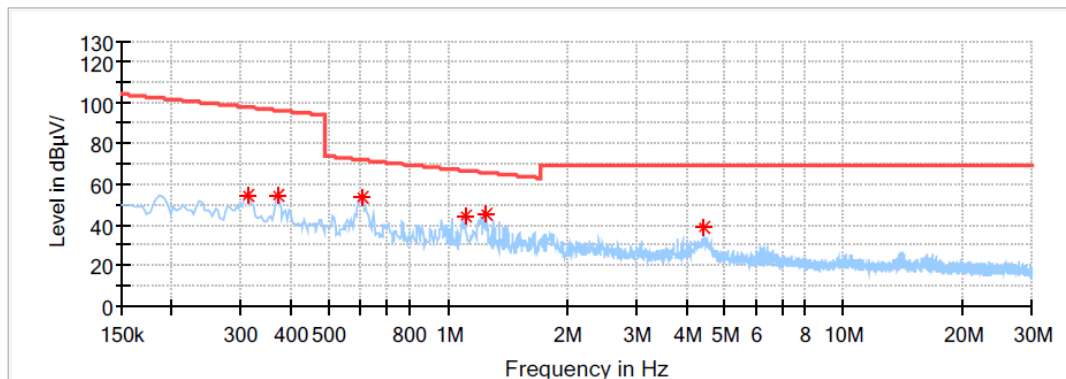
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020386	63.50	121.41	57.91	Parallel	-0.1
0.023840	58.09	120.05	61.96	Parallel	-0.1
0.047722	64.57	114.03	49.46	Parallel	-2.9
0.071586	49.48	110.51	61.02	Parallel	-5.8
0.095468	60.48	108.01	47.53	Parallel	-8.1
0.143197	52.91	104.48	51.57	Parallel	-10.3

150 kHz-30MHz: (Transmitting in maximum output power mode BLE (1 Mbps) high channel)

High Channel: 2480MHz

Common Information

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in BLE 1M High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
 Test Equipment: ESCI, 1313-1A, 310N
 Receiver Setting: RBW:9 kHz, VBW:30 kHz, Sweep Time: Auto
 Temperature: 24.3°C
 Humidity: 59%
 Barometric Pressure: 100.3kPa
 Test Engineer: Scarf Yang
 Check by: Winnie Yang
 Test Date: 2026/8/11

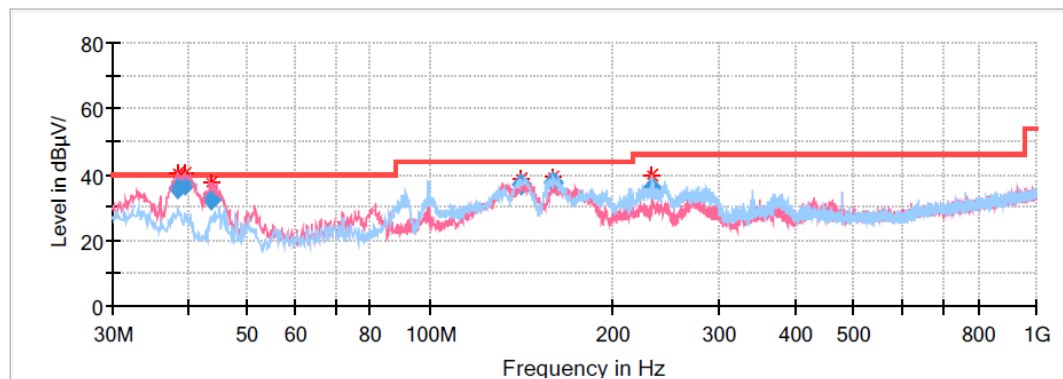


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.310444	54.33	97.64	43.31	Parallel	-17.3
0.370144	54.25	96.14	41.89	Parallel	-18.7
0.608944	53.86	71.79	17.93	Parallel	-23.1
1.101469	43.85	66.57	22.72	Parallel	-27.4
1.250719	44.79	65.50	20.71	Parallel	-27.9
4.433475	38.30	69.54	31.24	Parallel	-31.3

30MHz-1GHz (Transmitting in maximum output power mode BLE (1 Mbps) high channel)**High Channel: 2480MHz****Common Information**

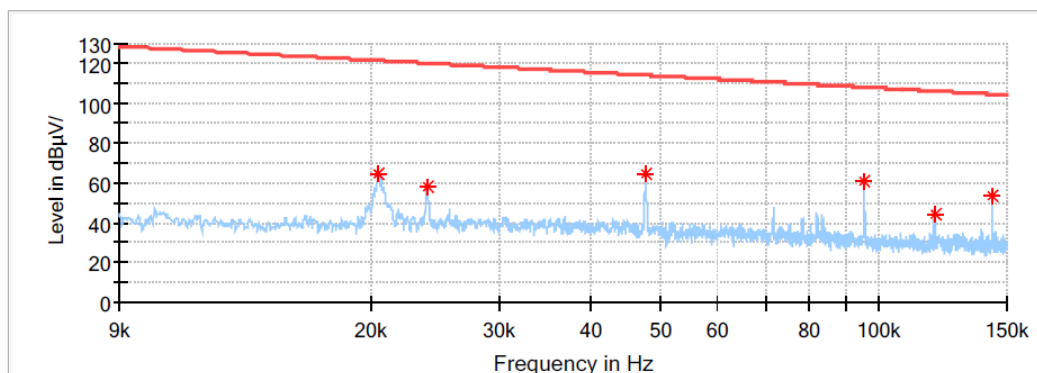
Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE 1M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 59%
Barometric Pressure: 100.3kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/8/11

**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
38.487500	36.02	40.00	3.98	V	-10.9
39.457500	36.95	40.00	3.05	V	-11.1
43.701250	32.54	40.00	7.46	V	-13.8
141.792500	36.72	43.50	6.78	H	-11.1
159.980000	37.26	43.50	6.24	H	-11.9
232.851250	35.65	46.00	10.35	H	-12.5

BLE (2 Mbps) 9kHz-150kHz (Transmitting in maximum output power mode BLE (2 Mbps) High channel)**High Channel: 2480MHz****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE2M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, 1313-1A, 310N
Receiver Setting: RBW: 200 Hz, VBW: 1 kHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 59%
Barometric Pressure: 100.3kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/8/11

**Critical Freqs**

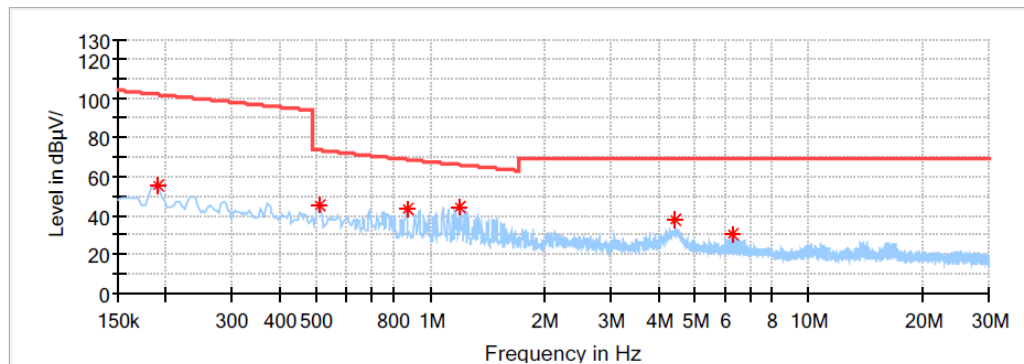
Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020421	64.64	121.40	56.76	Parallel	-0.1
0.023858	58.01	120.04	62.03	Parallel	-0.1
0.047722	64.31	114.03	49.72	Parallel	-2.9
0.095433	60.60	108.01	47.41	Parallel	-8.1
0.119297	43.99	106.07	62.08	Parallel	-9.3
0.143162	53.08	104.48	51.40	Parallel	-10.3

150 kHz-30MHz: (Transmitting in maximum output power mode BLE (2 Mbps) high channel)

High Channel: 2480MHz

Common Information

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in BLE 2M High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
 Test Equipment: ESCI, 1313-1A, 310N
 Receiver Setting: RBW:9 kHz, VBW:30 kHz, Sweep Time: Auto
 Temperature: 24.3°C
 Humidity: 59%
 Barometric Pressure: 100.3kPa
 Test Engineer: Scarf Yang
 Check by: Winnie Yang
 Test Date: 2026/8/11

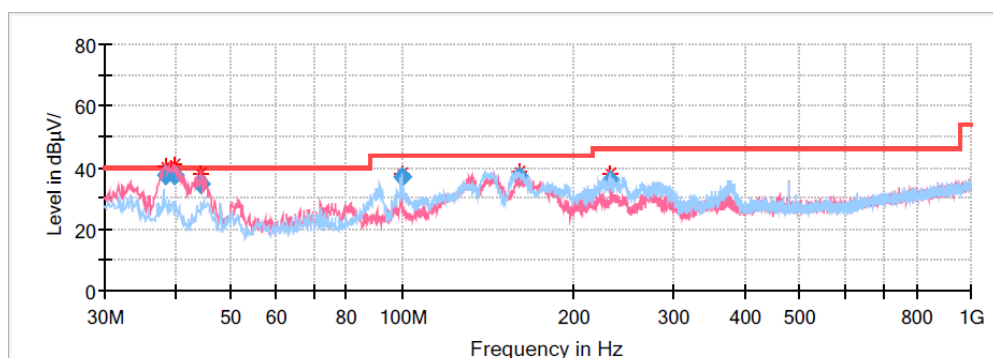


Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.191044	55.08	101.89	46.81	Parallel	-12.4
0.511931	45.05	73.39	28.34	Parallel	-21.9
0.866400	43.32	68.64	25.31	Parallel	-26.0
1.198481	44.30	65.86	21.56	Parallel	-27.7
4.433475	37.94	69.54	31.60	Parallel	-31.3
6.310294	30.41	69.54	39.13	Parallel	-31.6

30MHz-1GHz (Transmitting in maximum output power mode BLE (2 Mbps) high channel)**High Channel: 2480MHz****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE 2M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 59%
Barometric Pressure: 100.3kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/8/11

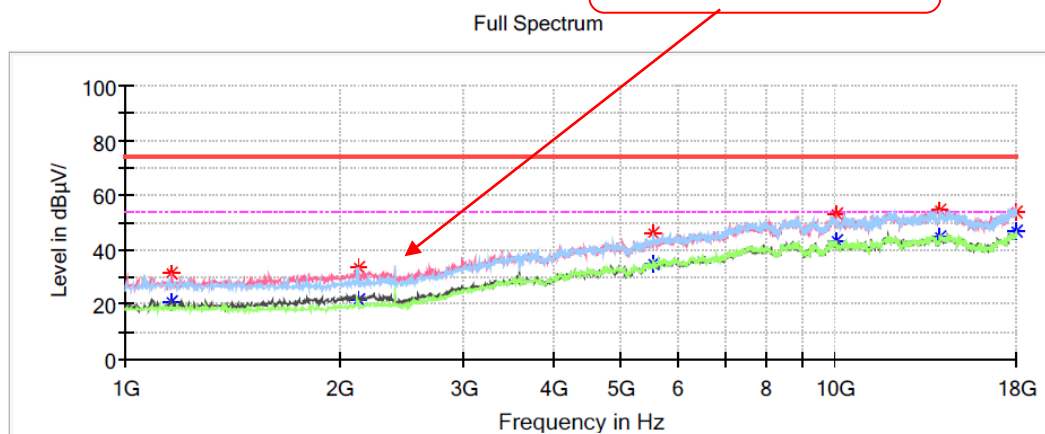
**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
38.487500	37.39	40.00	2.61	V	-10.9
39.821250	37.31	40.00	2.69	V	-10.9
44.428750	34.45	40.00	5.55	V	-13.7
99.961250	36.73	43.50	6.77	H	-14.2
160.828750	36.84	43.50	6.66	H	-11.9
232.608750	35.66	46.00	10.34	H	-12.5

BLE (1 Mbps)
1GHz-18GHz:
Low Channel: 2402MHz
Common Information

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in BLE1M Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

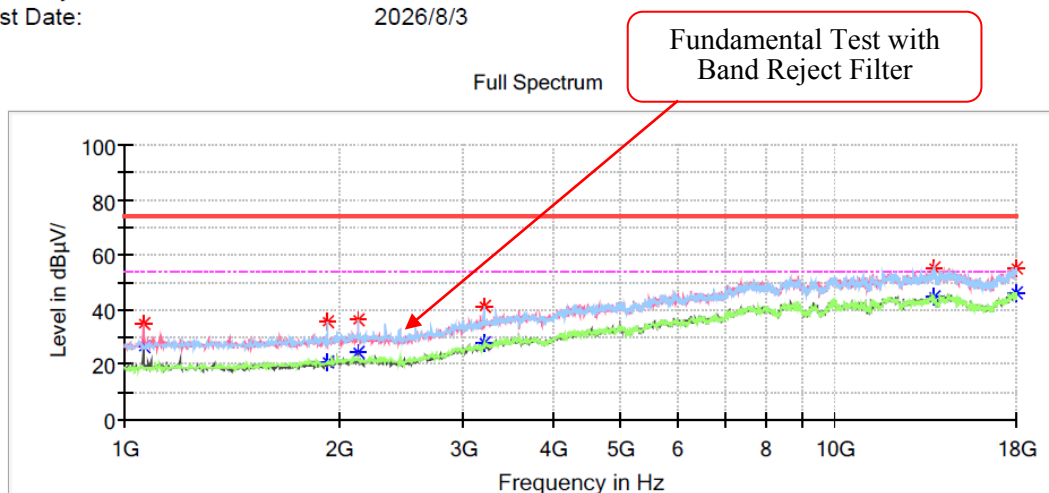
Fundamental Test with
Band Reject Filter


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)
1163.200000	31.43	---	74.00	42.57	V	-15.5
1163.200000	---	21.29	54.00	32.71	V	-15.5
2128.800000	33.88	---	74.00	40.12	H	-11.3
2128.800000	---	21.83	54.00	32.17	H	-11.3
5535.600000	45.82	---	74.00	28.18	H	-1.5
5535.600000	---	34.87	54.00	19.13	H	-1.5
10030.400000	53.36	---	74.00	20.64	V	6.4
10030.400000	---	43.21	54.00	10.79	V	6.4
14076.400000	54.32	---	74.00	19.68	H	10.7
14076.400000	---	44.72	54.00	9.28	H	10.7
17986.400000	53.55	---	74.00	20.45	H	13.7
17986.400000	---	46.54	54.00	7.46	H	13.7

Middle Channel: 2440MHz**Common Information**

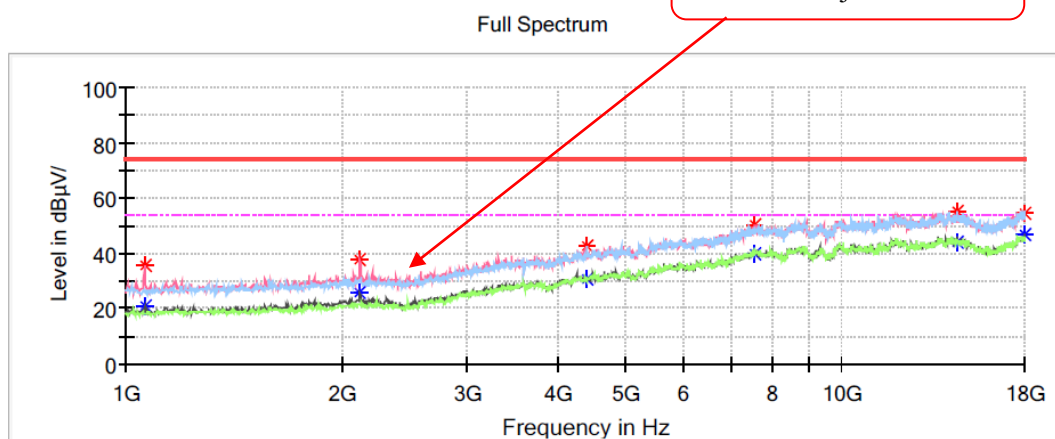
Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE1M Middle Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

**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	34.83	---	74.00	39.17	V	-15.9
1061.200000	---	26.42	54.00	27.58	V	-15.9
1931.600000	35.56	---	74.00	38.44	H	-12.0
1931.600000	---	20.90	54.00	33.10	H	-12.0
2132.200000	36.50	---	74.00	37.50	V	-11.3
2132.200000	---	24.37	54.00	29.63	V	-11.3
3199.800000	41.55	---	74.00	32.45	H	-7.6
3199.800000	---	27.92	54.00	26.08	H	-7.6
13746.600000	---	44.84	54.00	9.16	V	10.1
13746.600000	55.02	---	74.00	18.98	V	10.1
17993.200000	---	46.37	54.00	7.63	H	13.8
17993.200000	55.11	---	74.00	18.89	H	13.8

High Channel: 2480MHz**Common Information**

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in BLE1M High Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.6°C
 Humidity: 42%
 Atmospheric Pressure: 101.2kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/3

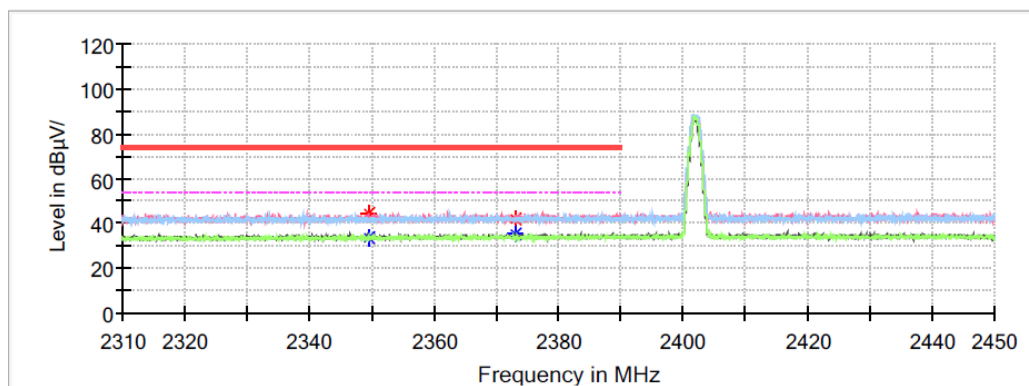
**Critical_Freqs**

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	---	21.15	54.00	32.85	V	-15.9
1061.200000	35.67	---	74.00	38.33	V	-15.9
2122.000000	---	25.58	54.00	28.42	V	-11.3
2122.000000	37.84	---	74.00	36.16	V	-11.3
4410.200000	---	31.09	54.00	22.91	H	-4.5
4410.200000	42.36	---	74.00	31.64	H	-4.5
7558.600000	---	39.91	54.00	14.09	V	3.3
7558.600000	50.19	---	74.00	23.81	V	3.3
14481.000000	---	44.14	54.00	9.86	V	11.1
14481.000000	55.55	---	74.00	18.45	V	11.1
17996.600000	54.21	---	74.00	19.79	V	13.8
17996.600000	---	46.84	54.00	7.16	V	13.8

Band Edge:**Low Channel****Common Information**

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE1M Low Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

Full Spectrum

**Critical Freqs**

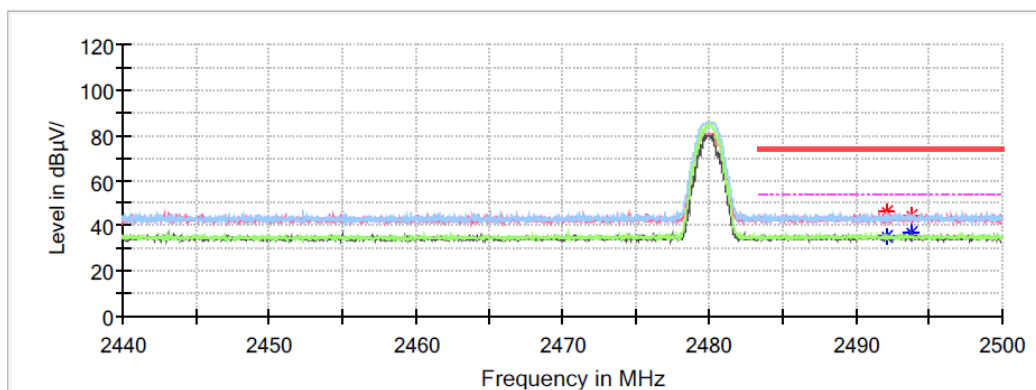
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2349.620000	44.58	---	74.00	29.42	V	-0.7
2349.620000	---	33.76	54.00	20.24	V	-0.7
2373.196000	42.28	---	74.00	31.72	V	-0.6
2373.196000	---	35.65	54.00	18.35	V	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE1M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

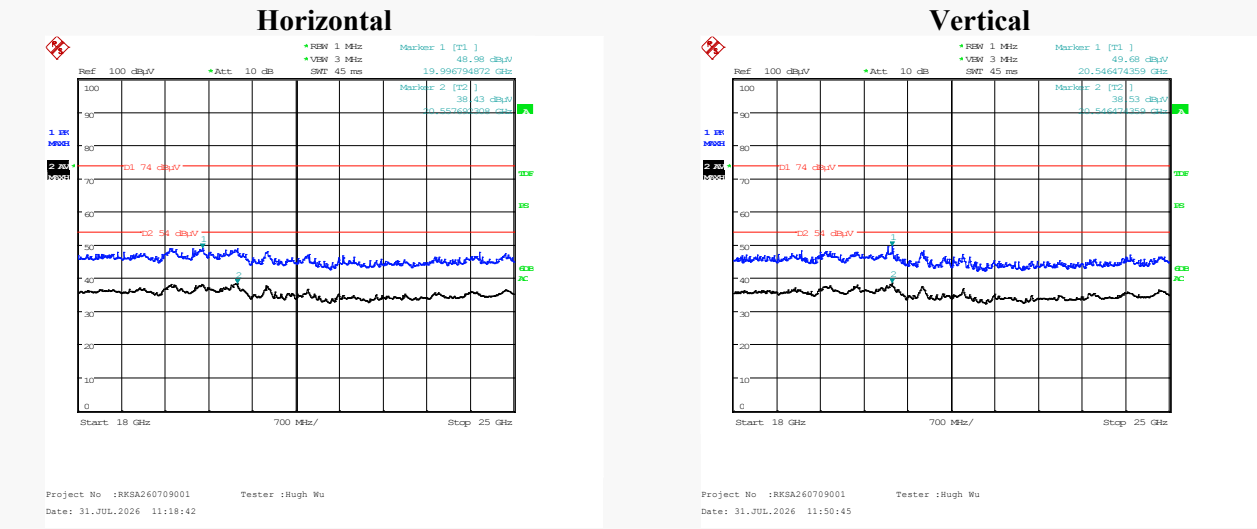
Full Spectrum



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)
2492.128000	45.88	---	74.00	28.12	H	-0.3
2492.128000	---	35.25	54.00	18.75	H	-0.3
2493.856000	44.55	---	74.00	29.45	V	-0.3
2493.856000	---	36.99	54.00	17.01	V	-0.3

18GHz-25GHz: Transmitting in maximum output power mode and BLE 1M high channel

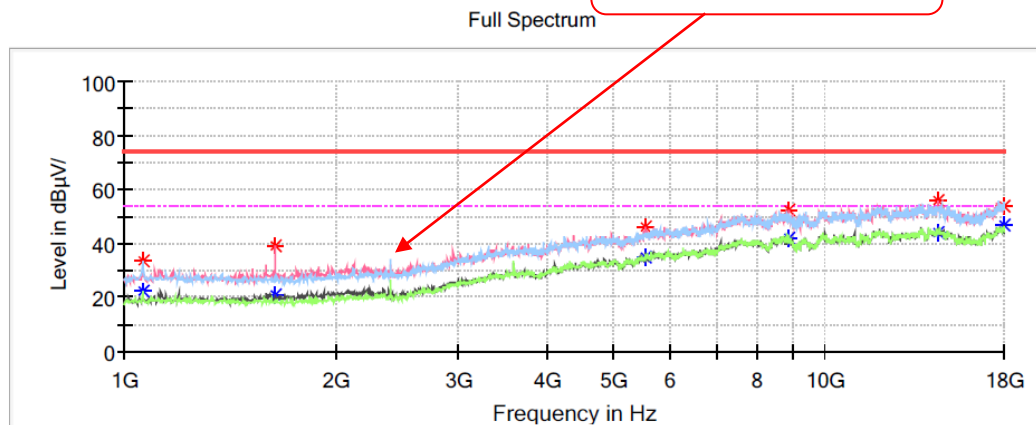


Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.55	---	38.53	54	15.47	V	12.77
20.55	49.68	---	74	24.32	V	12.77
20.56	---	38.43	54	15.57	H	12.78
20.00	48.98	---	74	25.02	H	12.27

Note: The test distance is 3m. The limit is 74dB μ V/m(Peak) and 54dB μ V/m(Average).

**BLE (2 Mbps)
1GHz-18GHz:****Low Channel: 2402MHz****Common Information**

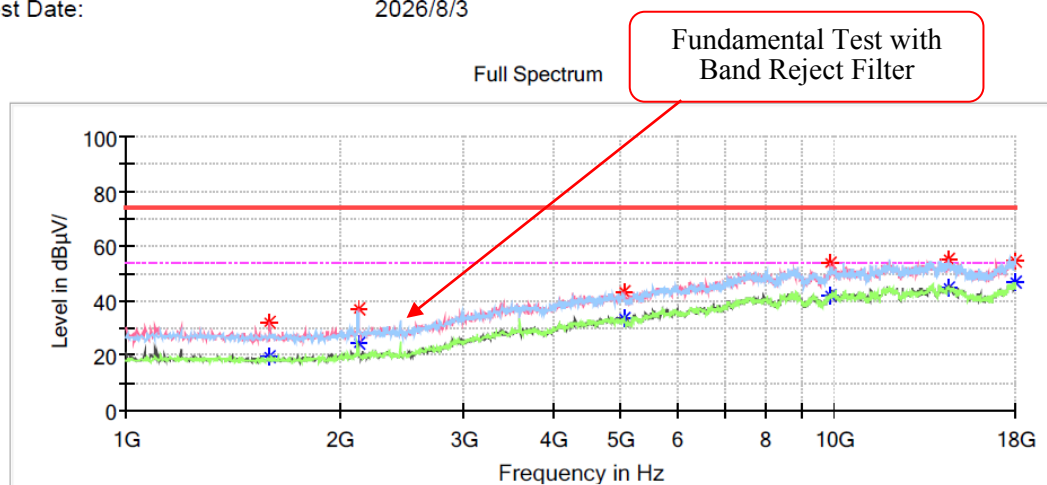
Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in BLE2M Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

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	33.55	---	74.00	40.45	H	-15.9
1061.200000	---	22.13	54.00	31.87	H	-15.9
1642.600000	39.51	---	74.00	34.49	V	-13.4
1642.600000	---	20.92	54.00	33.08	V	-13.4
5552.600000	---	35.13	54.00	18.87	V	-1.5
5552.600000	46.10	---	74.00	27.90	V	-1.5
8857.400000	---	41.95	54.00	12.05	V	4.8
8857.400000	52.40	---	74.00	21.60	V	4.8
14481.000000	55.64	---	74.00	18.36	H	11.1
14481.000000	---	44.39	54.00	9.61	H	11.1
17993.200000	53.67	---	74.00	20.33	V	13.8
17993.200000	---	46.55	54.00	7.45	V	13.8

Middle Channel: 2440MHz**Common Information**

Project No: RKSA260709001
 EUT Model: EC5350
 Test Mode: Transmitting in BLE2M Middle Channel
 Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.6℃
 Humidity: 42%
 Atmospheric Pressure: 101.2kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/8/3

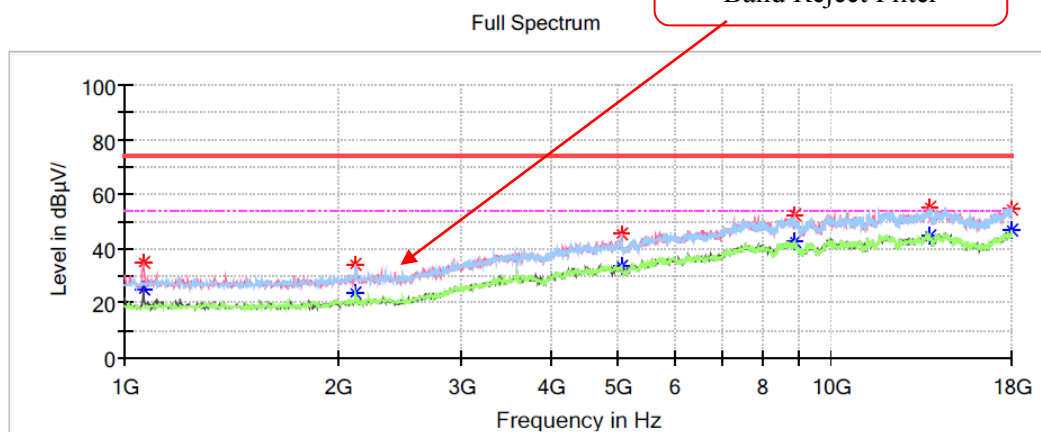
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1595.000000	---	19.39	54.00	34.61	V	-13.6
1595.000000	31.85	---	74.00	42.15	V	-13.6
2125.400000	36.97	---	74.00	37.03	V	-11.3
2125.400000	---	24.72	54.00	29.28	V	-11.3
5035.800000	---	33.76	54.00	20.24	V	-2.7
5035.800000	43.52	---	74.00	30.48	V	-2.7
9843.400000	---	41.94	54.00	12.06	V	5.9
9843.400000	53.59	---	74.00	20.41	V	5.9
14450.400000	---	44.98	54.00	9.02	V	11.1
14450.400000	55.02	---	74.00	18.98	V	11.1
17996.600000	54.67	---	74.00	19.33	H	13.8
17996.600000	---	46.67	54.00	7.33	H	13.8

High Channel: 2480MHz**Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in BLE2M High Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

Fundamental Test with
Band Reject Filter

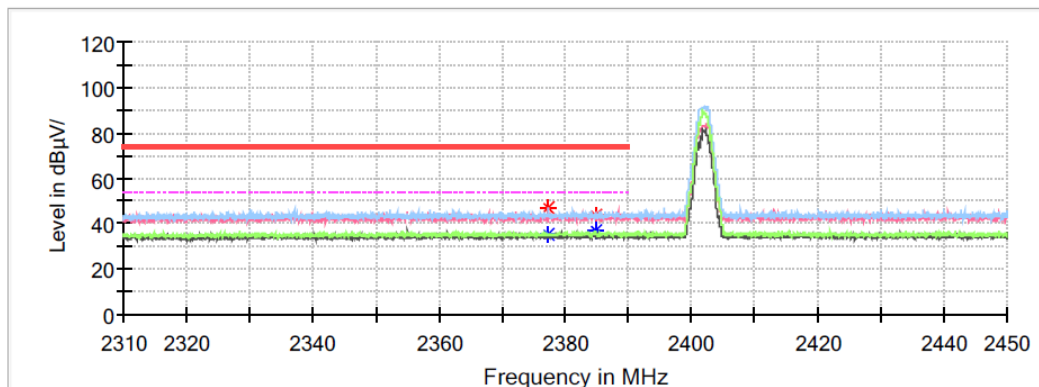
**Critical Freqs**

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	---	24.98	54.00	29.02	V	-15.9
1061.200000	34.75	---	74.00	39.25	V	-15.9
2122.000000	---	23.56	54.00	30.44	H	-11.3
2122.000000	33.92	---	74.00	40.08	H	-11.3
5032.400000	---	33.53	54.00	20.47	H	-2.7
5032.400000	45.17	---	74.00	28.83	H	-2.7
8850.600000	---	42.68	54.00	11.32	V	4.8
8850.600000	52.33	---	74.00	21.67	V	4.8
13773.800000	---	44.62	54.00	9.38	H	10.2
13773.800000	55.13	---	74.00	18.87	H	10.2
17993.200000	54.43	---	74.00	19.57	V	13.8
17993.200000	---	46.88	54.00	7.12	V	13.8

Band Edge:**Low Channel****Common Information**

Project No:	RKSA260709001
EUT Model:	EC5350
Test Mode:	Transmitting in BLE2M Low Channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	42%
Atmospheric Pressure:	101.2kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/8/3

Full Spectrum

**Critical_Freqs**

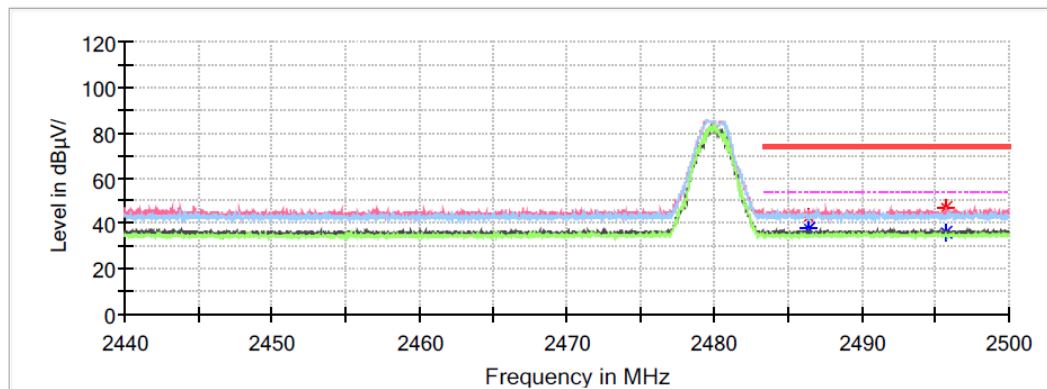
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2377.228000	46.62	---	74.00	27.38	H	-0.6
2377.228000	---	35.18	54.00	18.82	H	-0.6
2384.788000	44.02	---	74.00	29.98	H	-0.6
2384.788000	---	37.26	54.00	16.74	H	-0.6

High Channel

Common Information

Project No: RKSA260709001
EUT Model: EC5350
Test Mode: Transmitting in BLE2M High Channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6°C
Humidity: 42%
Atmospheric Pressure: 101.2kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/8/3

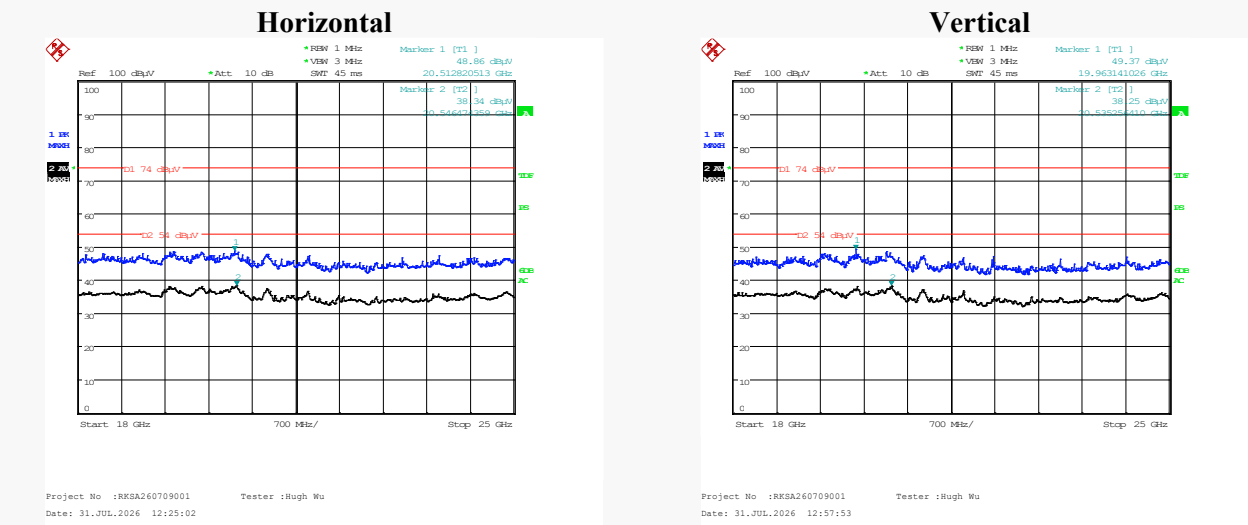
Full Spectrum



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)
2486.416000	42.89	---	74.00	31.11	V	-0.3
2486.416000	---	37.61	54.00	16.39	V	-0.3
2495.788000	---	35.78	54.00	18.22	V	-0.3
2495.788000	46.91	---	74.00	27.09	V	-0.3

18GHz-25GHz: Transmitting in maximum output power mode and BLE 2M high channel



Frequency (GHz)	MaxPea (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.54	---	38.25	54	15.75	V	12.76
19.96	49.37	---	74	24.63	V	12.17
20.55	---	38.34	54	15.66	H	12.77
20.51	48.86	---	74	25.14	H	12.74

Note: The test distance is 3m. The limit is 74dBμV/m(Peak) and 54dBμV/m(Average).

6 dB EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-08-06 to 2026-08-11
Temperature:	22.4-24.3 °C
Relative Humidity:	54-59%
ATM Pressure:	100.3-100.8 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

Test Result: Compliant.

EUT operation mode: Transmitting

For Wi-Fi Mode:**Chain 0**

Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
802.11b Mode				
Low	2412	10.250	≥ 0.5	Pass
Middle	2437	10.250	≥ 0.5	Pass
High	2462	10.250	≥ 0.5	Pass
802.11g Mode				
Low	2412	16.336	≥ 0.5	Pass
Middle	2437	16.376	≥ 0.5	Pass
High	2462	16.296	≥ 0.5	Pass
802.11n-HT20 Mode				
Low	2412	17.297	≥ 0.5	Pass
Middle	2437	17.337	≥ 0.5	Pass
High	2462	17.257	≥ 0.5	Pass
802.11n-HT40 Mode				
Low	2422	36.196	≥ 0.5	Pass
Middle	2437	36.356	≥ 0.5	Pass
High	2452	36.356	≥ 0.5	Pass

Chain 1

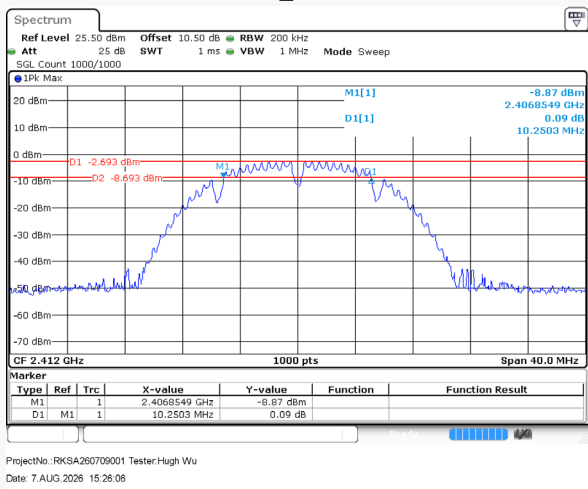
Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
802.11b Mode				
Low	2412	10.250	≥ 0.5	Pass
Middle	2437	10.250	≥ 0.5	Pass
High	2462	10.250	≥ 0.5	Pass
802.11g Mode				
Low	2412	16.416	≥ 0.5	Pass
Middle	2437	16.256	≥ 0.5	Pass
High	2462	16.376	≥ 0.5	Pass
802.11n-HT20 Mode				
Low	2412	17.377	≥ 0.5	Pass
Middle	2437	17.337	≥ 0.5	Pass
High	2462	17.297	≥ 0.5	Pass
802.11n-HT40 Mode				
Low	2422	36.436	≥ 0.5	Pass
Middle	2437	36.436	≥ 0.5	Pass
High	2452	36.356	≥ 0.5	Pass

For BLE Mode:

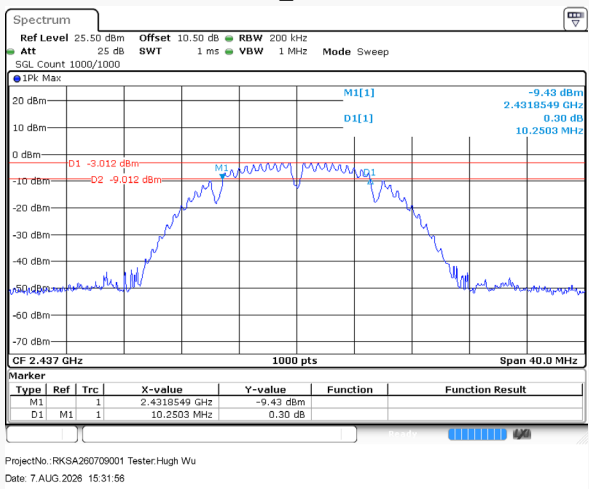
Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
BLE (1 Mbps)	Low	2402	0.673	≥ 0.5	Pass
	Middle	2440	0.673	≥ 0.5	Pass
	High	2480	0.673	≥ 0.5	Pass
BLE (2 Mbps)	Low	2402	1.171	≥ 0.5	Pass
	Middle	2440	1.159	≥ 0.5	Pass
	High	2480	1.159	≥ 0.5	Pass

For Wi-Fi Mode:
Chain0

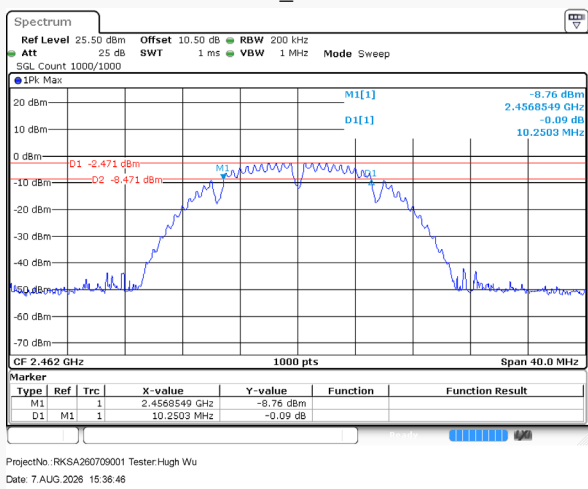
802.11b_2412MHz



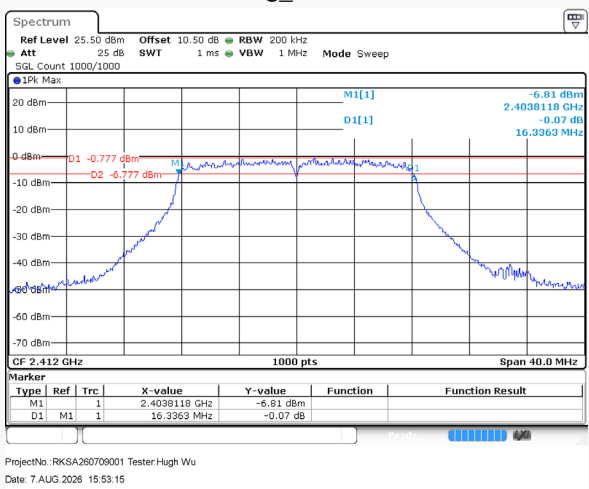
802.11b_2437MHz



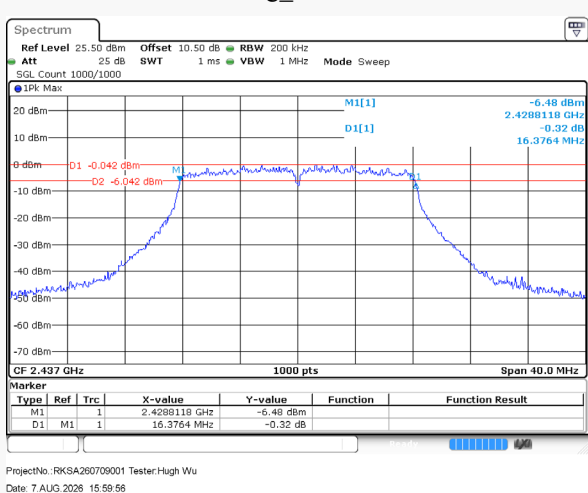
802.11b_2462MHz



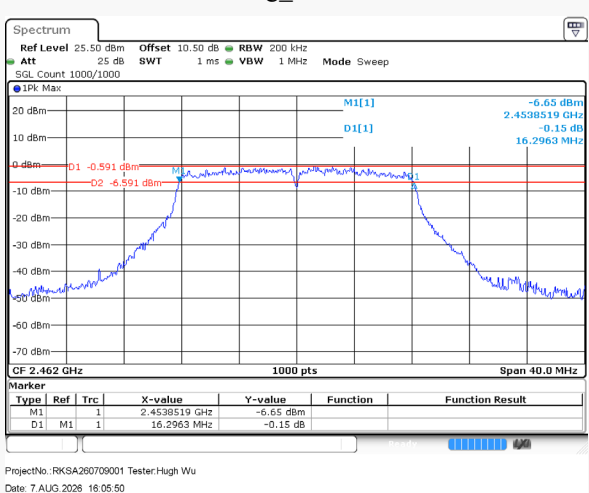
802.11g_2412MHz



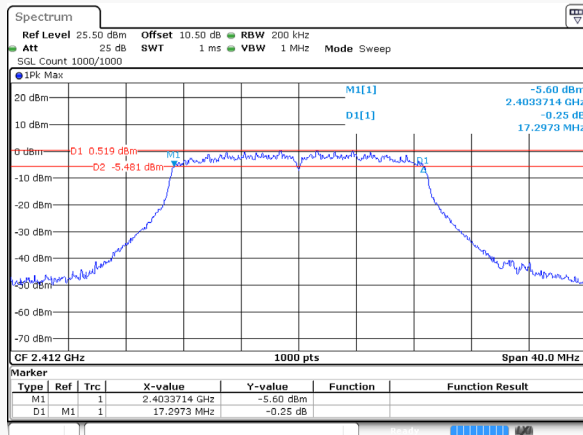
802.11g_2437MHz



802.11g_2462MHz

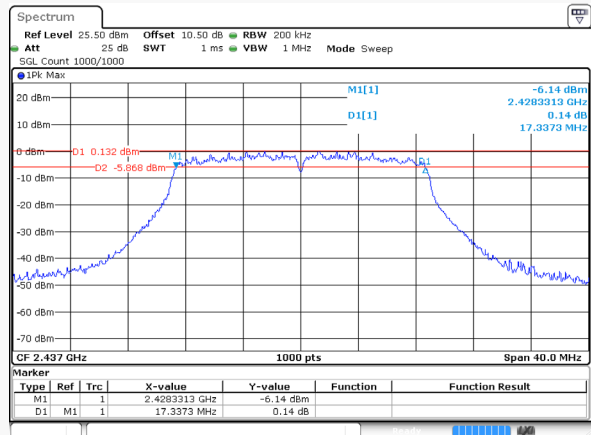


802.11n-HT20_2412MHz



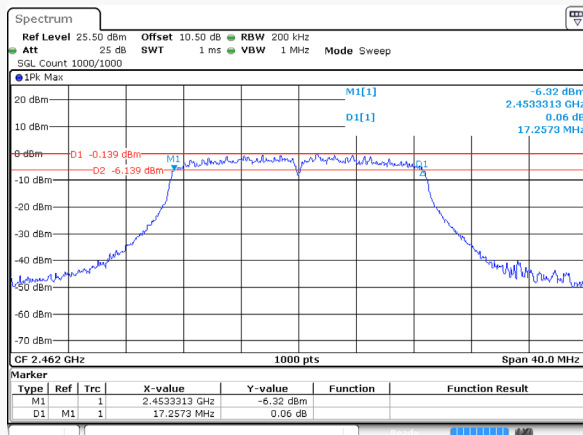
ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:12:35

802.11n-HT20_2437MHz



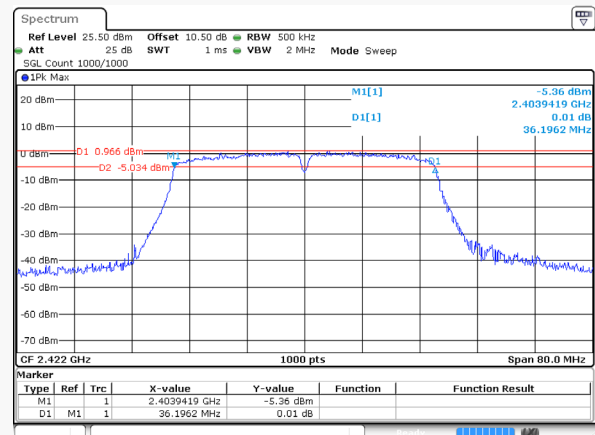
ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:22:59

802.11n-HT20_2462MHz



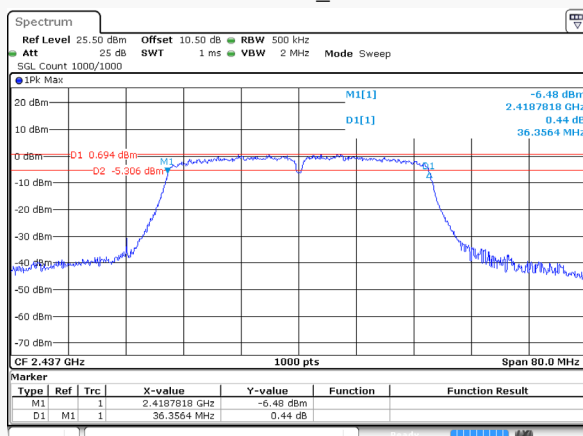
ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:30:30

802.11n-HT40_2422MHz



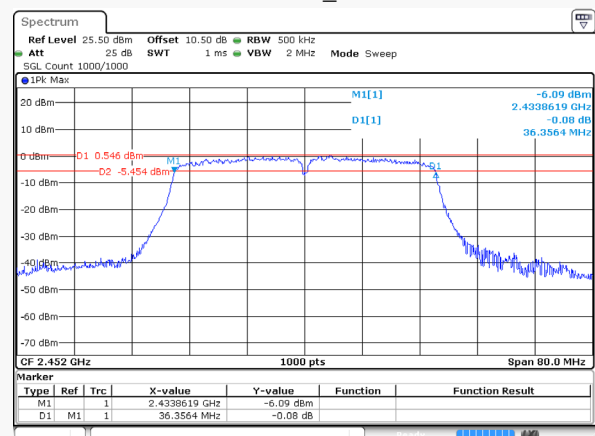
ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:38:09

802.11n-HT40_2437MHz



ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:43:01

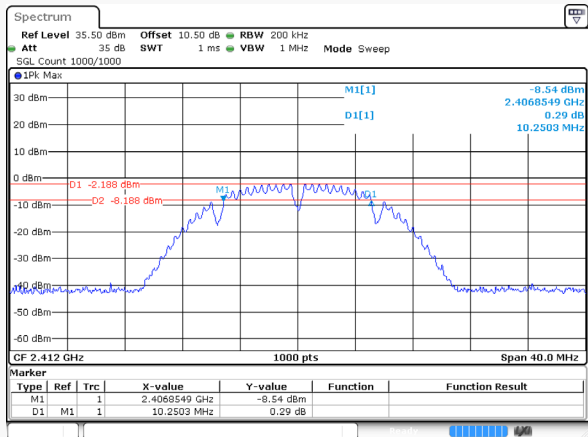
802.11n-HT40_2452MHz



ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 7.AUG.2026 16:48:19

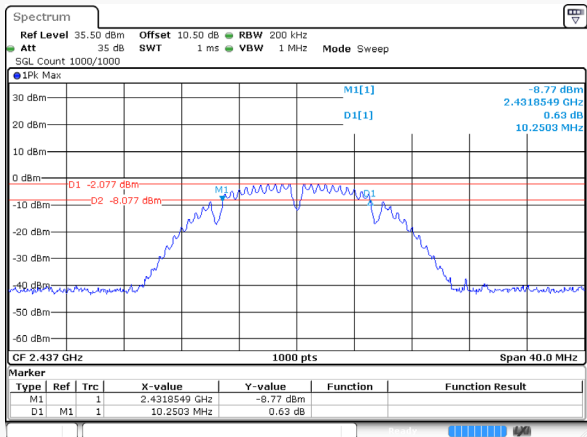
Chain1

802.11b_2412MHz



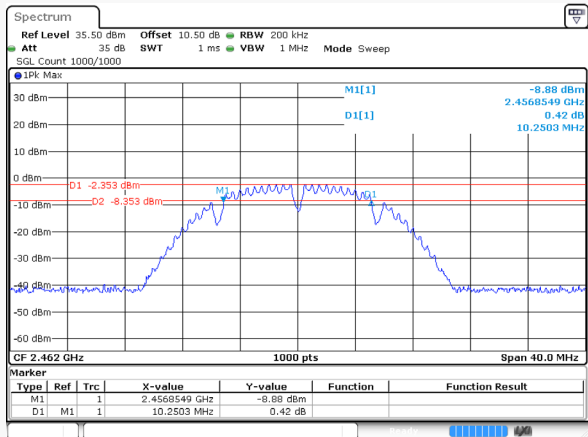
ProjectNo.: RKSA260709001 Tester:High Wu
Date: 6.AUG.2026 15:33:31

802.11b_2437MHz



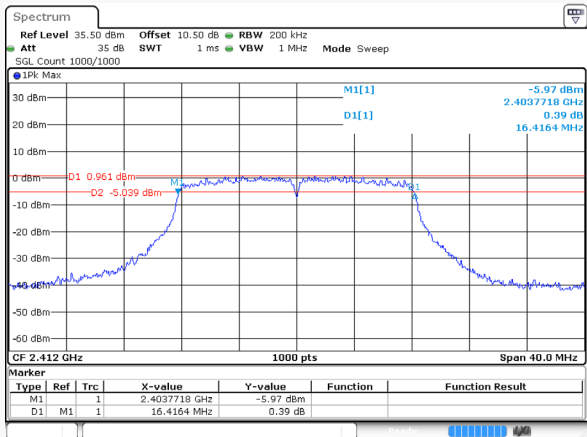
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802.11b_2462MHz



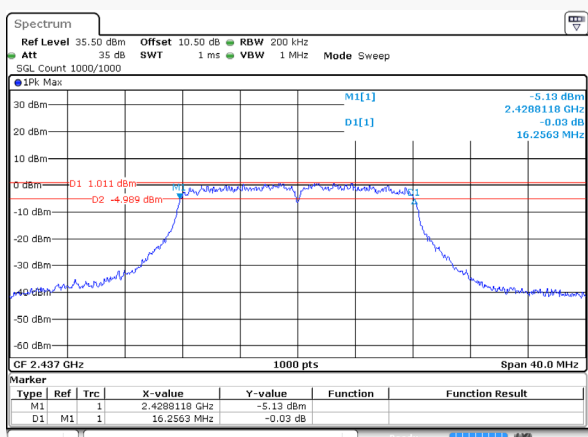
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Date: 6.AUG.2026 15:44:52

802.11g_2412MHz



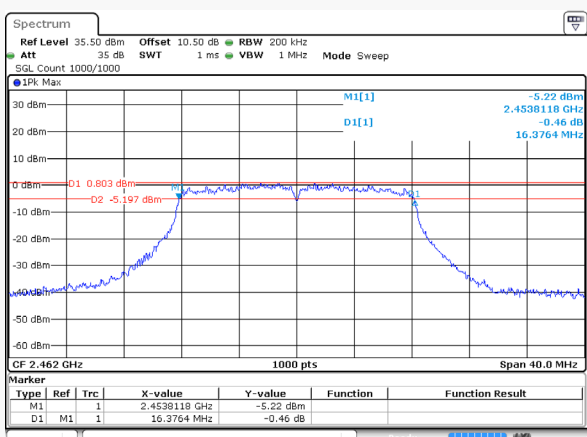
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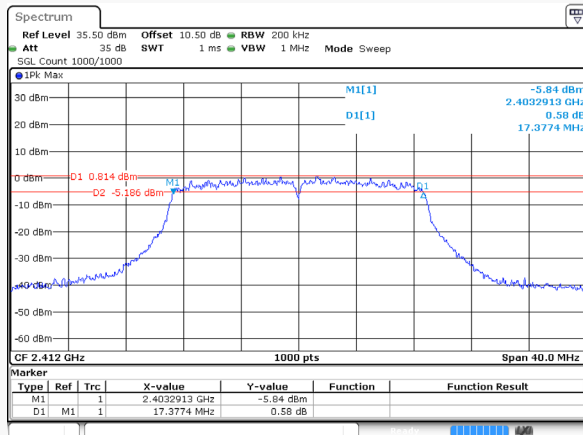
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Date: 6.AUG.2026 16:01:02

802.11g_2462MHz



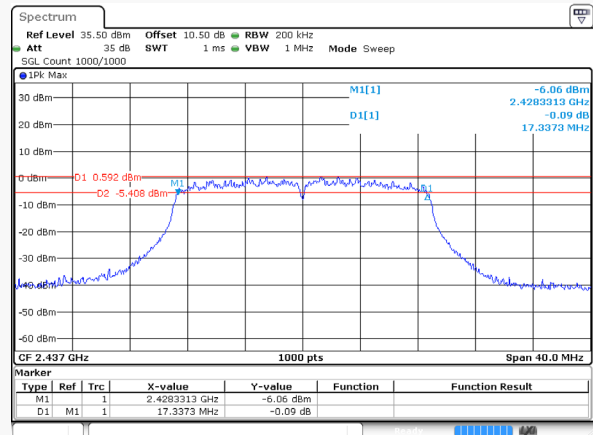
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802.11n-HT20_2412MHz



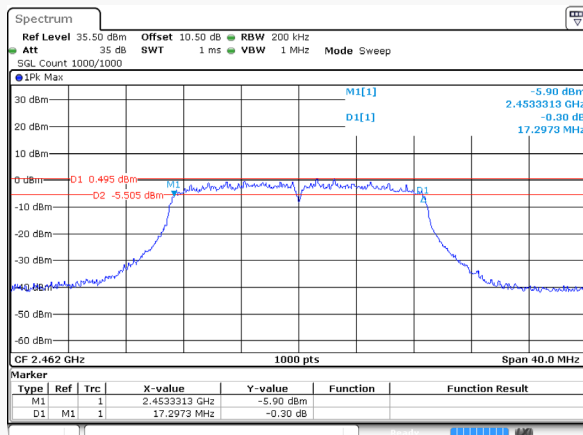
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Date: 6 AUG 2026 16:14:13

802.11n-HT20_2437MHz



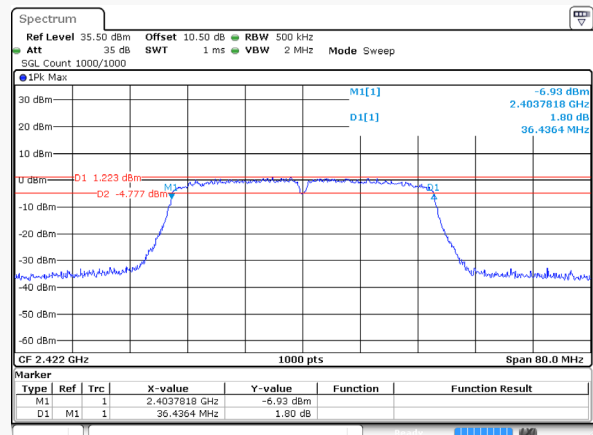
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Date: 6 AUG 2026 16:19:52

802.11n-HT20_2462MHz



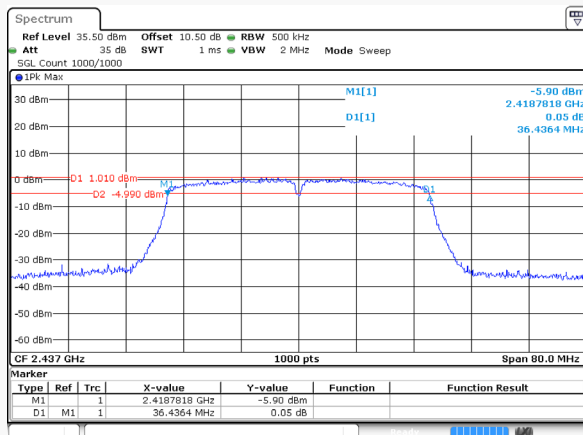
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Date: 6 AUG 2026 16:27:58

802.11n-HT40_2422MHz



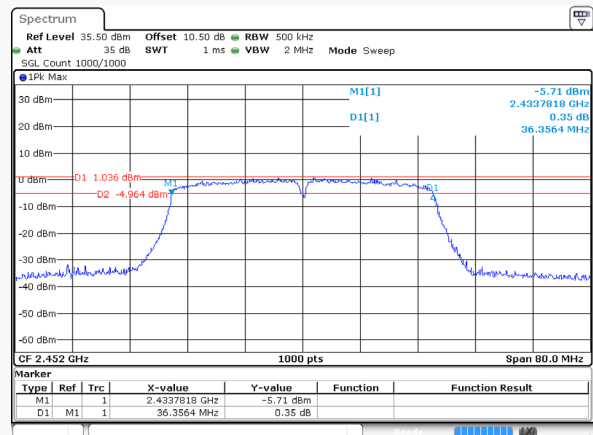
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Date: 6 AUG 2026 16:35:40

802.11n-HT40_2437MHz



ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 6 AUG 2026 16:41:28

802.11n-HT40_2452MHz



ProjectNo: RKSA260709001 Tester:Hugh Wu
Date: 6 AUG 2026 16:50:25