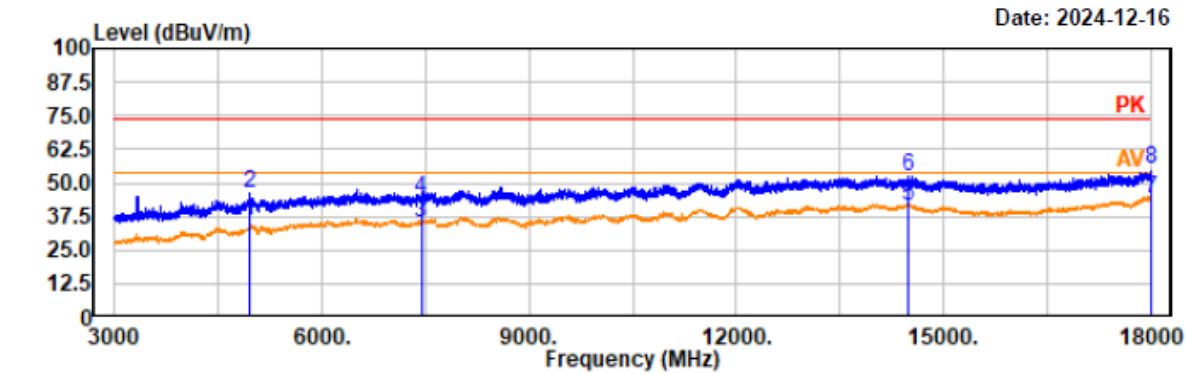


Project No.: 2407X32126E-RF
Test Mode: 1M-2480
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4960.00	39.92	-4.01	35.91	54.00	18.09	vertical	Average
4960.00	50.14	-4.01	46.13	74.00	27.87	vertical	Peak
7440.00	36.74	-1.59	35.15	54.00	18.85	vertical	Average
7440.00	45.95	-1.59	44.36	74.00	29.64	vertical	Peak
14500.50	36.25	4.98	41.23	54.00	12.77	vertical	Average
14500.50	47.27	4.98	52.25	74.00	21.75	vertical	Peak
17999.00	36.66	7.74	44.40	54.00	9.60	vertical	Average
17999.00	47.65	7.74	55.39	74.00	18.61	vertical	Peak

For 2.4G WIFI:

Project No.: 2407X32126E-RF

Test Mode: 11b-2412

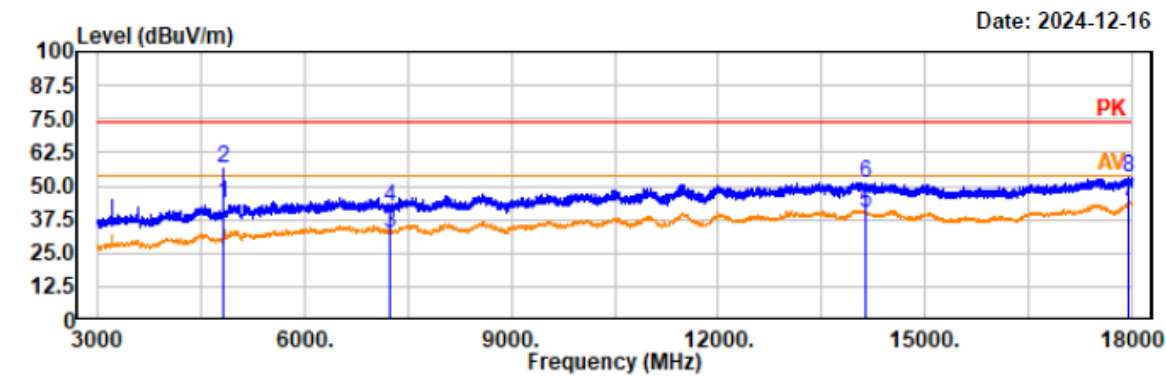
EUT Model: YS-001

Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

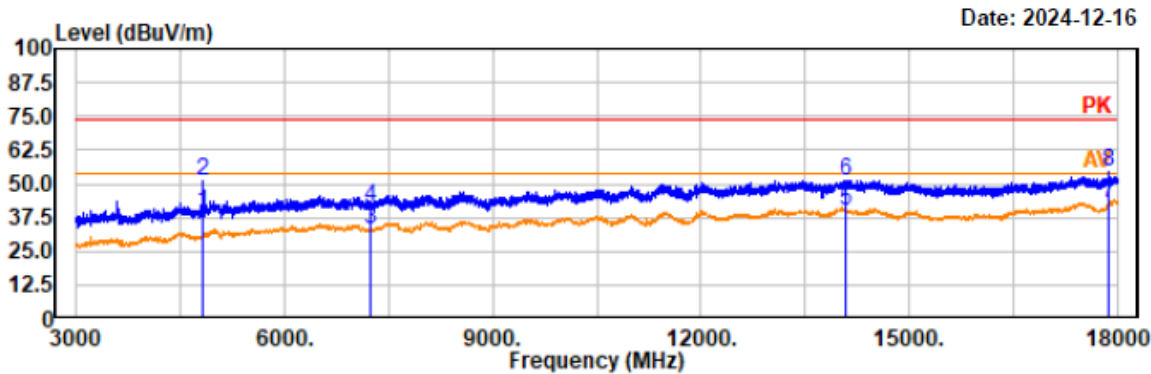


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	49.80	-4.39	45.41	54.00	8.59	horizontal	Average
4824.00	60.83	-4.39	56.44	74.00	17.56	horizontal	Peak
7236.00	34.46	-1.70	32.76	54.00	21.24	horizontal	Average
7236.00	43.49	-1.70	41.79	74.00	32.21	horizontal	Peak
14151.00	34.48	5.25	39.73	54.00	14.27	horizontal	Average
14151.00	45.98	5.25	51.23	74.00	22.77	horizontal	Peak
17958.00	36.45	7.68	44.13	54.00	9.87	horizontal	Average
17958.00	45.35	7.68	53.03	74.00	20.97	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

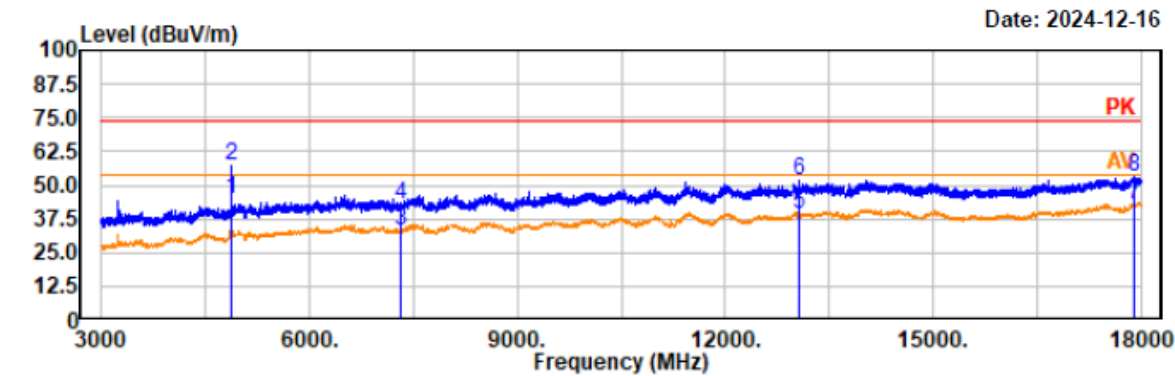


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	43.88	-4.39	39.49	54.00	14.51	vertical	Average
4824.00	55.50	-4.39	51.11	74.00	22.89	vertical	Peak
7236.00	34.72	-1.70	33.02	54.00	20.98	vertical	Average
7236.00	43.40	-1.70	41.70	74.00	32.30	vertical	Peak
14092.50	34.99	5.23	40.22	54.00	13.78	vertical	Average
14092.50	45.95	5.23	51.18	74.00	22.82	vertical	Peak
17883.00	34.91	7.53	42.44	54.00	11.56	vertical	Average
17883.00	47.23	7.53	54.76	74.00	19.24	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

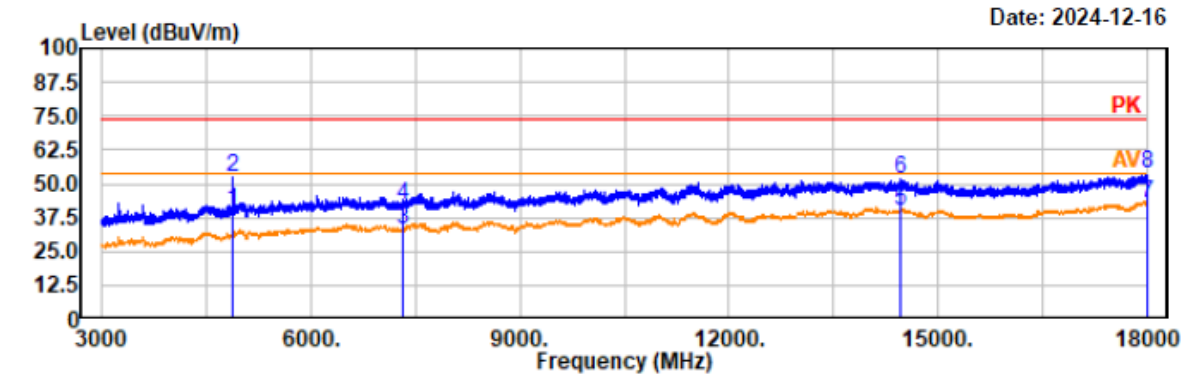


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	49.82	-4.26	45.56	54.00	8.44	horizontal	Average
4873.50	61.36	-4.26	57.10	74.00	16.90	horizontal	Peak
7311.00	34.84	-1.63	33.21	54.00	20.79	horizontal	Average
7311.00	44.32	-1.63	42.69	74.00	31.31	horizontal	Peak
13062.00	34.22	5.11	39.33	54.00	14.67	horizontal	Average
13062.00	46.65	5.11	51.76	74.00	22.24	horizontal	Peak
17892.00	34.92	7.56	42.48	54.00	11.52	horizontal	Average
17892.00	45.42	7.56	52.98	74.00	21.02	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



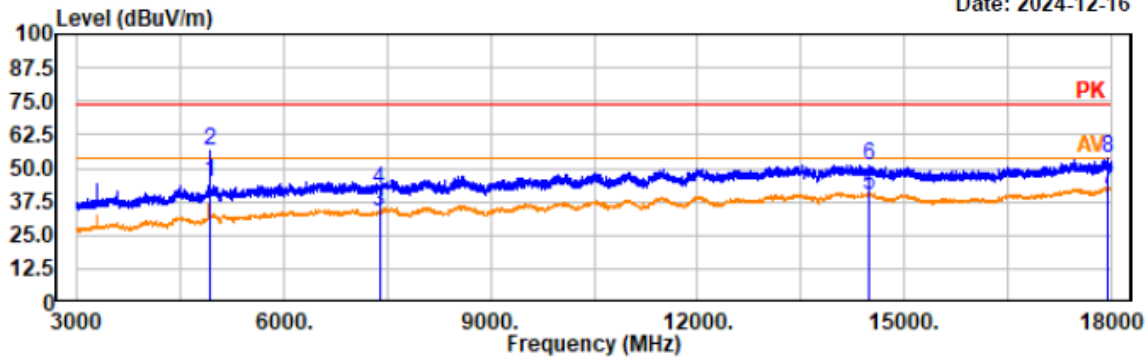
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	44.26	-4.26	40.00	54.00	14.00	vertical	Average
4873.50	56.69	-4.26	52.43	74.00	21.57	vertical	Peak
7311.00	34.99	-1.63	33.36	54.00	20.64	vertical	Average
7311.00	43.73	-1.63	42.10	74.00	31.90	vertical	Peak
14470.50	34.77	5.03	39.80	54.00	14.20	vertical	Average
14470.50	46.68	5.03	51.71	74.00	22.29	vertical	Peak
17999.40	35.25	7.74	42.99	54.00	11.01	vertical	Average
17999.40	45.73	7.74	53.47	74.00	20.53	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

Date: 2024-12-16



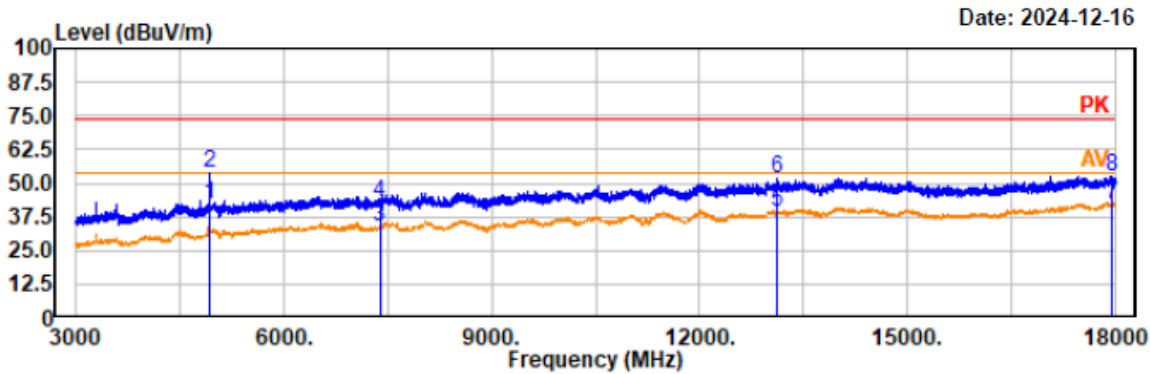
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4923.00	48.71	-4.13	44.58	54.00	9.42	horizontal	Average
4923.00	60.52	-4.13	56.39	74.00	17.61	horizontal	Peak
7386.00	35.32	-1.62	33.70	54.00	20.30	horizontal	Average
7386.00	44.03	-1.62	42.41	74.00	31.59	horizontal	Peak
14481.00	34.86	5.01	39.87	54.00	14.13	horizontal	Average
14481.00	46.14	5.01	51.15	74.00	22.85	horizontal	Peak
17956.50	34.64	7.68	42.32	54.00	11.68	horizontal	Average
17956.50	45.86	7.68	53.54	74.00	20.46	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



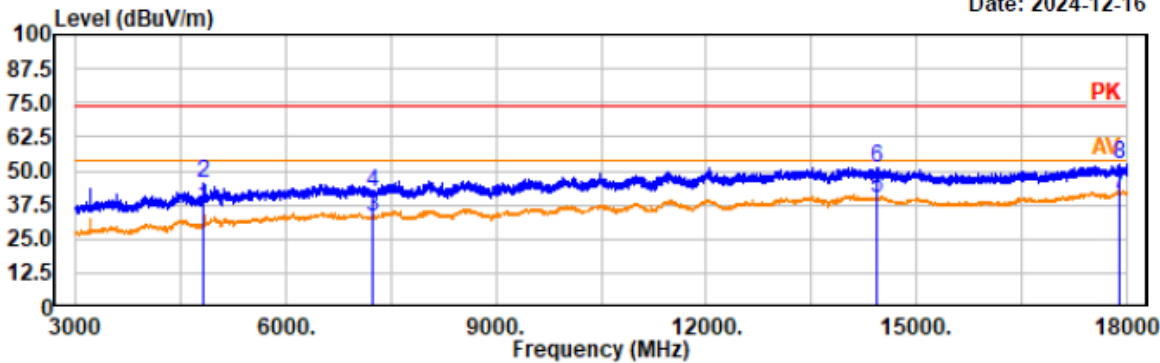
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4923.00	47.00	-4.13	42.87	54.00	11.13	vertical	Average
4923.00	57.96	-4.13	53.83	74.00	20.17	vertical	Peak
7386.00	35.43	-1.62	33.81	54.00	20.19	vertical	Average
7386.00	44.14	-1.62	42.52	74.00	31.48	vertical	Peak
13131.00	34.31	5.06	39.37	54.00	14.63	vertical	Average
13131.00	46.58	5.06	51.64	74.00	22.36	vertical	Peak
17964.00	34.49	7.68	42.17	54.00	11.83	vertical	Average
17964.00	44.88	7.68	52.56	74.00	21.44	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

Date: 2024-12-16

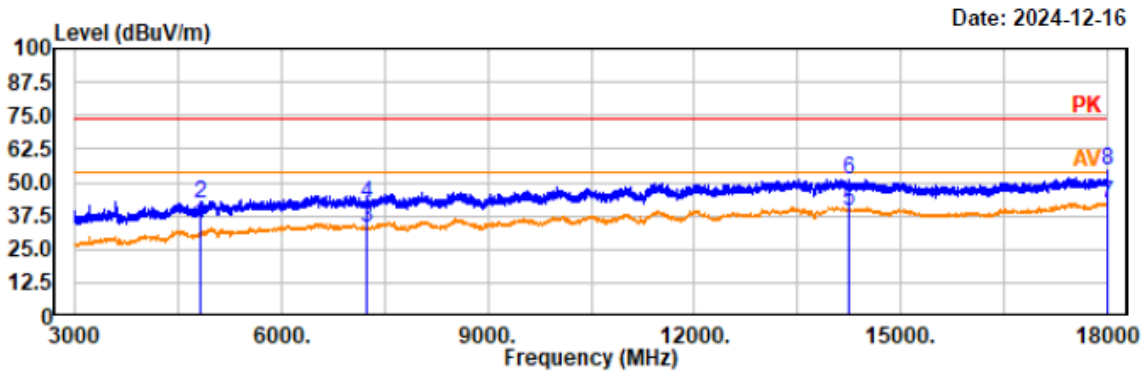


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	41.28	-4.39	36.89	54.00	17.11	horizontal	Average
4824.00	49.92	-4.39	45.53	74.00	28.47	horizontal	Peak
7236.00	34.58	-1.70	32.88	54.00	21.12	horizontal	Average
7236.00	43.77	-1.70	42.07	74.00	31.93	horizontal	Peak
14442.00	34.76	5.08	39.84	54.00	14.16	horizontal	Average
14442.00	46.27	5.08	51.35	74.00	22.65	horizontal	Peak
17902.50	33.69	7.59	41.28	54.00	12.72	horizontal	Average
17902.50	44.87	7.59	52.46	74.00	21.54	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

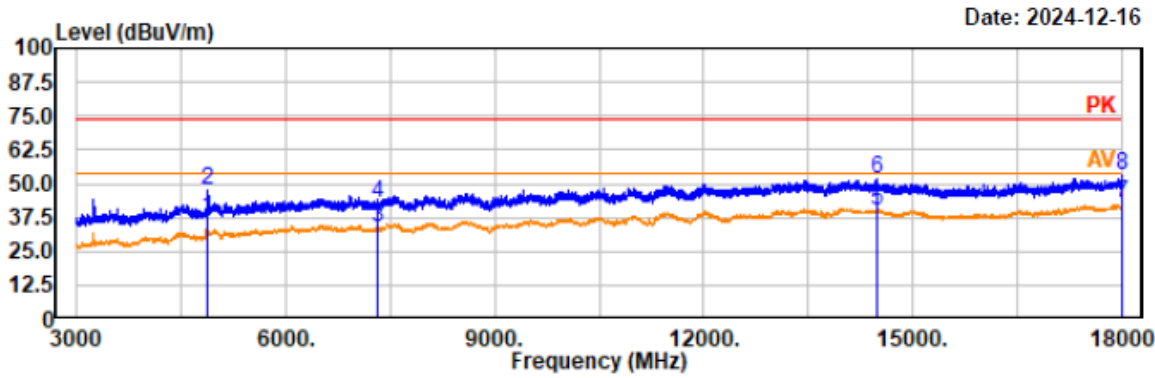


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	38.63	-4.39	34.24	54.00	19.76	vertical	Average
4824.00	46.35	-4.39	41.96	74.00	32.04	vertical	Peak
7236.00	34.69	-1.70	32.99	54.00	21.01	vertical	Average
7236.00	43.94	-1.70	42.24	74.00	31.76	vertical	Peak
14236.50	34.23	5.24	39.47	54.00	14.53	vertical	Average
14236.50	46.13	5.24	51.37	74.00	22.63	vertical	Peak
17997.00	34.50	7.74	42.24	54.00	11.76	vertical	Average
17997.00	46.81	7.74	54.55	74.00	19.45	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



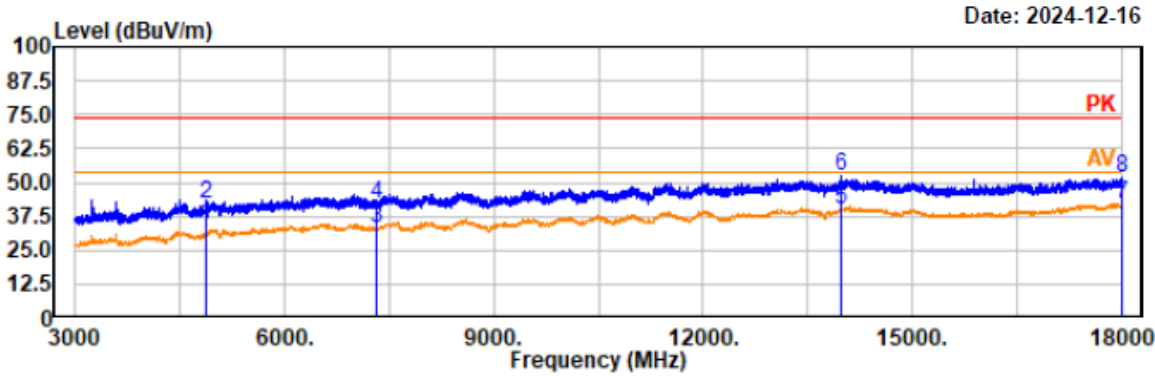
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4874.00	41.61	-4.26	37.35	54.00	16.65	horizontal	Average
4874.00	51.96	-4.26	47.70	74.00	26.30	horizontal	Peak
7311.00	35.10	-1.63	33.47	54.00	20.53	horizontal	Average
7311.00	44.09	-1.63	42.46	74.00	31.54	horizontal	Peak
14491.50	34.84	4.99	39.83	54.00	14.17	horizontal	Average
14491.50	46.50	4.99	51.49	74.00	22.51	horizontal	Peak
17998.50	34.76	7.74	42.50	54.00	11.50	horizontal	Average
17998.50	45.22	7.74	52.96	74.00	21.04	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	38.69	-4.26	34.43	54.00	19.57	vertical	Average
4873.50	46.61	-4.26	42.35	74.00	31.65	vertical	Peak
7311.00	34.84	-1.63	33.21	54.00	20.79	vertical	Average
7311.00	43.39	-1.63	41.76	74.00	32.24	vertical	Peak
13990.50	35.21	5.09	40.30	54.00	13.70	vertical	Average
13990.50	47.31	5.09	52.40	74.00	21.60	vertical	Peak
17997.00	34.50	7.74	42.24	54.00	11.76	vertical	Average
17997.00	44.23	7.74	51.97	74.00	22.03	vertical	Peak

Project No.: 2407X32126E-RF

Test Mode: 11g-2462

EUT Model: YS-001

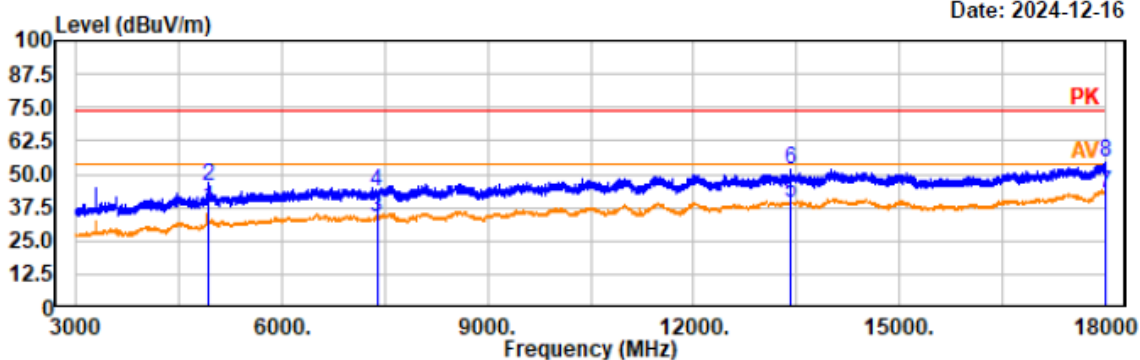
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

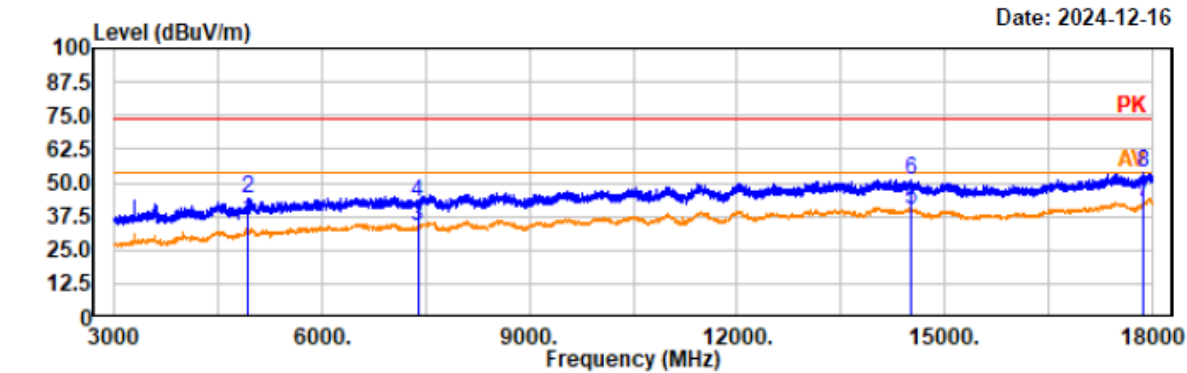
Date: 2024-12-16



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	41.43	-4.12	37.31	54.00	16.69	horizontal	Average
4924.50	49.37	-4.12	45.25	74.00	28.75	horizontal	Peak
7386.00	35.65	-1.62	34.03	54.00	19.97	horizontal	Average
7386.00	44.99	-1.62	43.37	74.00	30.63	horizontal	Peak
13410.00	34.65	4.83	39.48	54.00	14.52	horizontal	Average
13410.00	47.22	4.83	52.05	74.00	21.95	horizontal	Peak
17994.00	34.96	7.72	42.68	54.00	11.32	horizontal	Average
17994.00	46.46	7.72	54.18	74.00	19.82	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

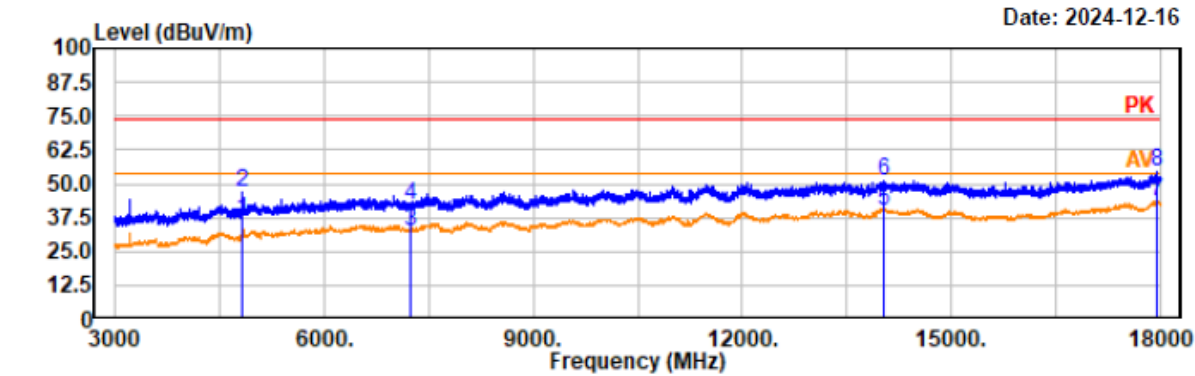


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	39.82	-4.12	35.70	54.00	18.30	vertical	Average
4924.50	48.30	-4.12	44.18	74.00	29.82	vertical	Peak
7386.00	35.43	-1.62	33.81	54.00	20.19	vertical	Average
7386.00	44.51	-1.62	42.89	74.00	31.11	vertical	Peak
14517.00	35.25	4.96	40.21	54.00	13.79	vertical	Average
14517.00	46.18	4.96	51.14	74.00	22.86	vertical	Peak
17878.50	35.16	7.51	42.67	54.00	11.33	vertical	Average
17878.50	46.12	7.51	53.63	74.00	20.37	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

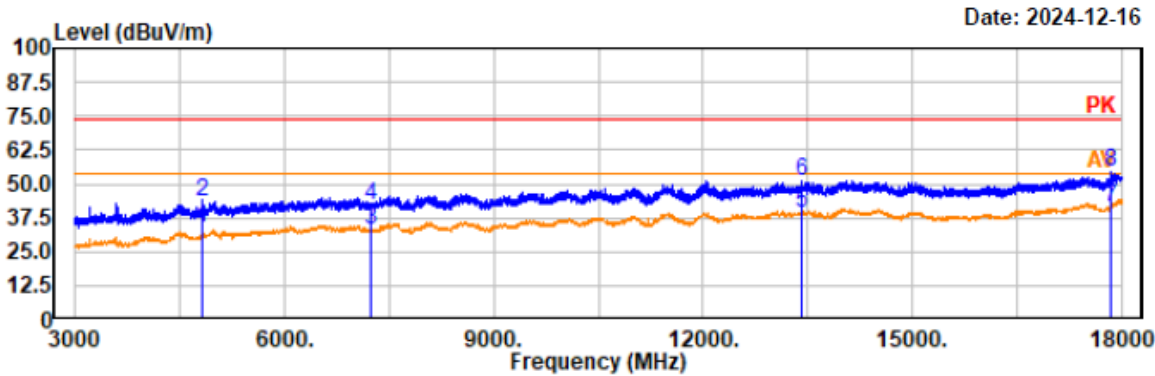


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	41.15	-4.39	36.76	54.00	17.24	horizontal	Average
4824.00	51.13	-4.39	46.74	74.00	27.26	horizontal	Peak
7236.00	34.27	-1.70	32.57	54.00	21.43	horizontal	Average
7236.00	44.10	-1.70	42.40	74.00	31.60	horizontal	Peak
14032.50	34.96	5.13	40.09	54.00	13.91	horizontal	Average
14032.50	46.10	5.13	51.23	74.00	22.77	horizontal	Peak
17941.50	35.70	7.65	43.35	54.00	10.65	horizontal	Average
17941.50	46.71	7.65	54.36	74.00	19.64	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



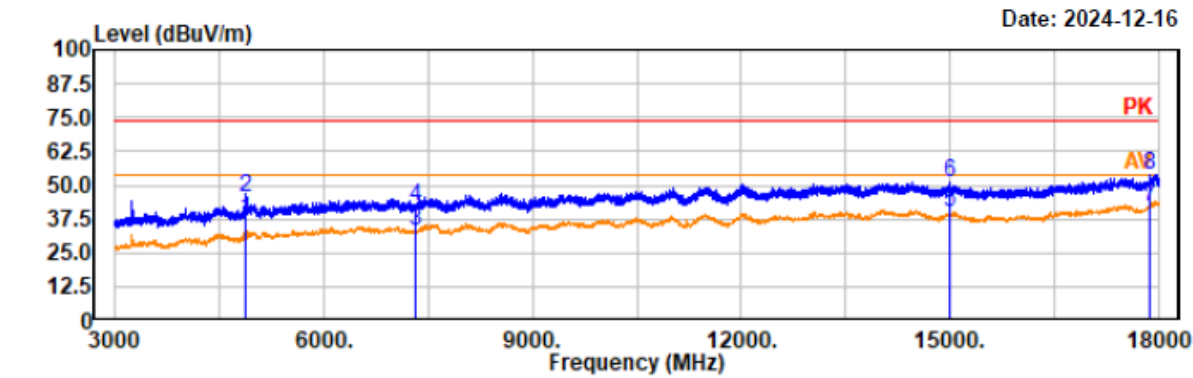
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	38.09	-4.39	33.70	54.00	20.30	vertical	Average
4824.00	47.72	-4.39	43.33	74.00	30.67	vertical	Peak
7236.00	34.78	-1.70	33.08	54.00	20.92	vertical	Average
7236.00	43.80	-1.70	42.10	74.00	31.90	vertical	Peak
13408.50	34.51	4.84	39.35	54.00	14.65	vertical	Average
13408.50	46.21	4.84	51.05	74.00	22.95	vertical	Peak
17842.50	34.25	7.39	41.64	54.00	12.36	vertical	Average
17842.50	46.76	7.39	54.15	74.00	19.85	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	41.74	-4.26	37.48	54.00	16.52	horizontal	Average
4873.50	49.44	-4.26	45.18	74.00	28.82	horizontal	Peak
7311.00	34.88	-1.63	33.25	54.00	20.75	horizontal	Average
7311.00	43.69	-1.63	42.06	74.00	31.94	horizontal	Peak
14988.00	35.46	4.20	39.66	54.00	14.34	horizontal	Average
14988.00	47.13	4.20	51.33	74.00	22.67	horizontal	Peak
17863.50	34.62	7.46	42.08	54.00	11.92	horizontal	Average
17863.50	46.53	7.46	53.99	74.00	20.01	horizontal	Peak

Project No.: 2407X32126E-RF

Test Mode: 11n20-2437

EUT Model: YS-001

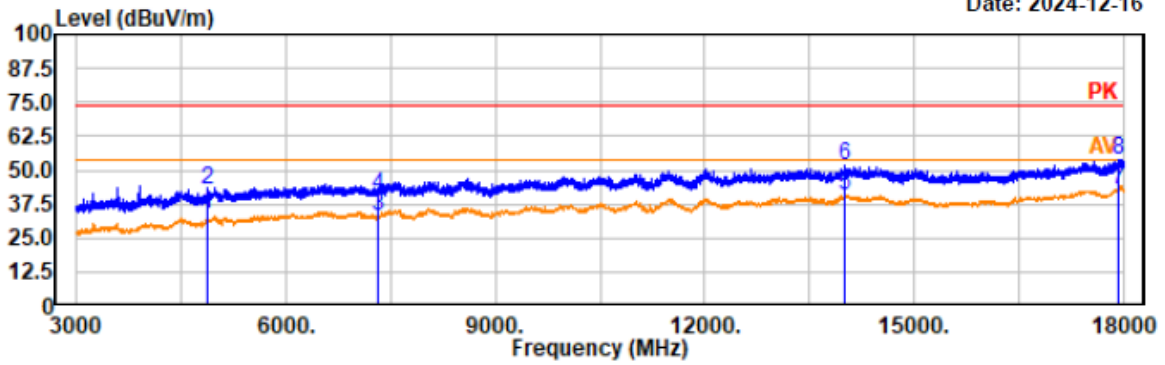
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

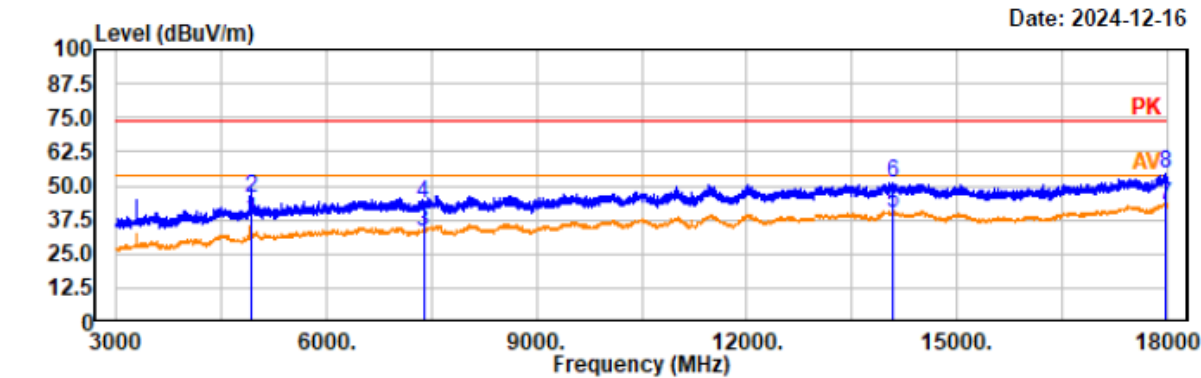
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	37.78	-4.26	33.52	54.00	20.48	vertical	Average
4873.50	47.00	-4.26	42.74	74.00	31.26	vertical	Peak
7311.00	34.88	-1.63	33.25	54.00	20.75	vertical	Average
7311.00	42.52	-1.63	40.89	74.00	33.11	vertical	Peak
14013.00	35.38	5.12	40.50	54.00	13.50	vertical	Average
14013.00	46.29	5.12	51.41	74.00	22.59	vertical	Peak
17916.00	35.04	7.62	42.66	54.00	11.34	vertical	Average
17916.00	46.28	7.62	53.90	74.00	20.10	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

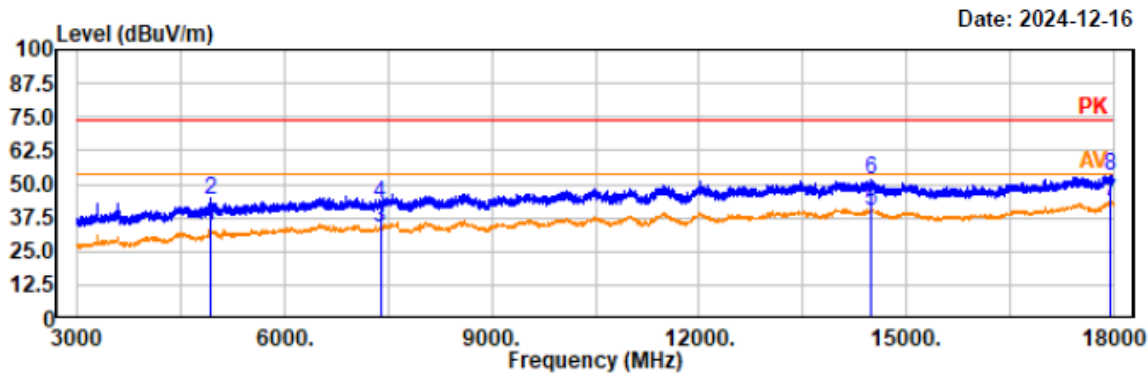


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	41.36	-4.12	37.24	54.00	16.76	horizontal	Average
4924.50	49.38	-4.12	45.26	74.00	28.74	horizontal	Peak
7386.00	35.03	-1.62	33.41	54.00	20.59	horizontal	Average
7386.00	45.08	-1.62	43.46	74.00	30.54	horizontal	Peak
14091.00	34.95	5.22	40.17	54.00	13.83	horizontal	Average
14091.00	45.84	5.22	51.06	74.00	22.94	horizontal	Peak
17976.00	35.13	7.71	42.84	54.00	11.16	horizontal	Average
17976.00	46.83	7.71	54.54	74.00	19.46	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	38.38	-4.12	34.26	54.00	19.74	vertical	Average
4924.50	47.97	-4.12	43.85	74.00	30.15	vertical	Peak
7386.00	35.54	-1.62	33.92	54.00	20.08	vertical	Average
7386.00	44.71	-1.62	43.09	74.00	30.91	vertical	Peak
14499.00	35.18	4.98	40.16	54.00	13.84	vertical	Average
14499.00	46.80	4.98	51.78	74.00	22.22	vertical	Peak
17947.50	35.82	7.66	43.48	54.00	10.52	vertical	Average
17947.50	45.54	7.66	53.20	74.00	20.80	vertical	Peak

Project No.: 2407X32126E-RF

Test Mode: 11n40-2422

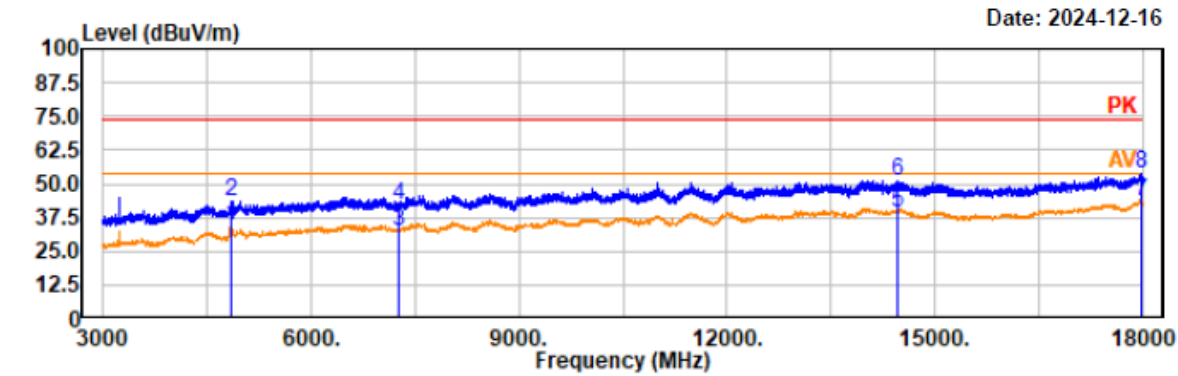
EUT Model: YS-001

Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



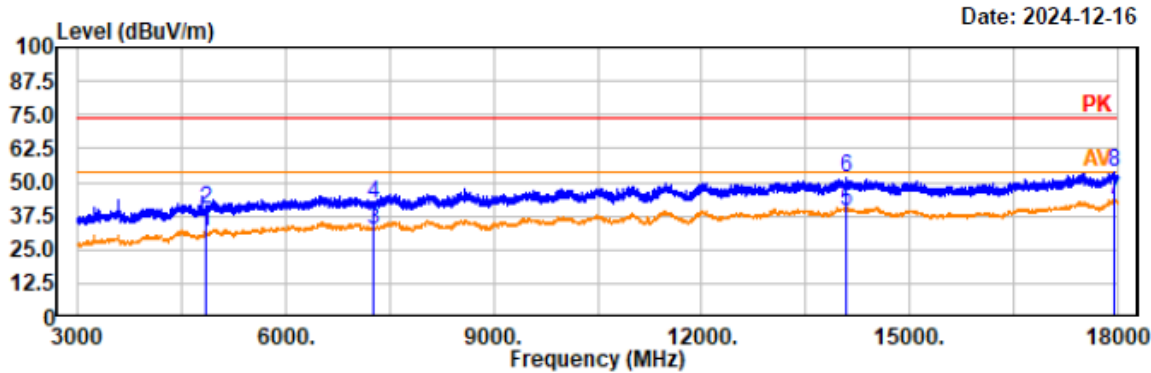
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4843.50	38.99	-4.34	34.65	54.00	19.35	horizontal	Average
4843.50	47.48	-4.34	43.14	74.00	30.86	horizontal	Peak
7266.00	34.30	-1.66	32.64	54.00	21.36	horizontal	Average
7266.00	43.67	-1.66	42.01	74.00	31.99	horizontal	Peak
14457.00	34.54	5.05	39.59	54.00	14.41	horizontal	Average
14457.00	46.29	5.05	51.34	74.00	22.66	horizontal	Peak
17974.50	35.65	7.70	43.35	54.00	10.65	horizontal	Average
17974.50	46.12	7.70	53.82	74.00	20.18	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2422
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

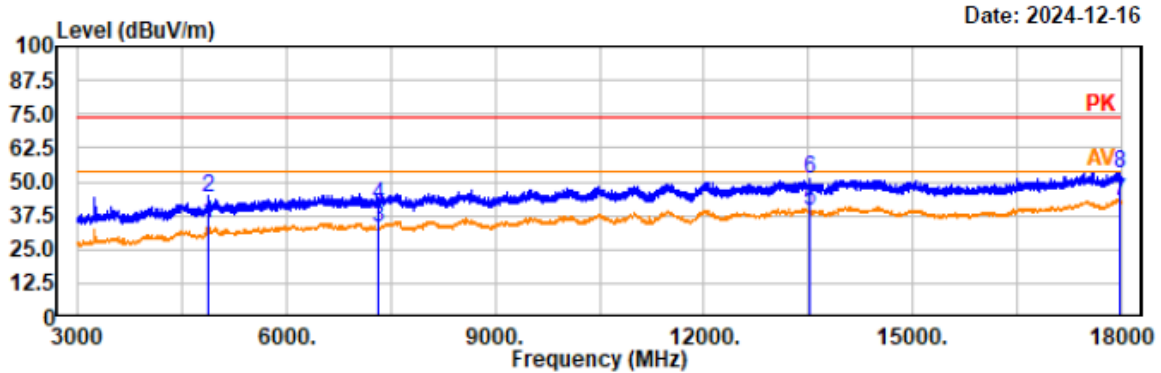


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4843.50	36.23	-4.34	31.89	54.00	22.11	vertical	Average
4843.50	44.00	-4.34	39.66	74.00	34.34	vertical	Peak
7266.00	34.37	-1.66	32.71	54.00	21.29	vertical	Average
7266.00	43.52	-1.66	41.86	74.00	32.14	vertical	Peak
14092.50	34.35	5.23	39.58	54.00	14.42	vertical	Average
14092.50	46.26	5.23	51.49	74.00	22.51	vertical	Peak
17944.50	36.13	7.65	43.78	54.00	10.22	vertical	Average
17944.50	46.14	7.65	53.79	74.00	20.21	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



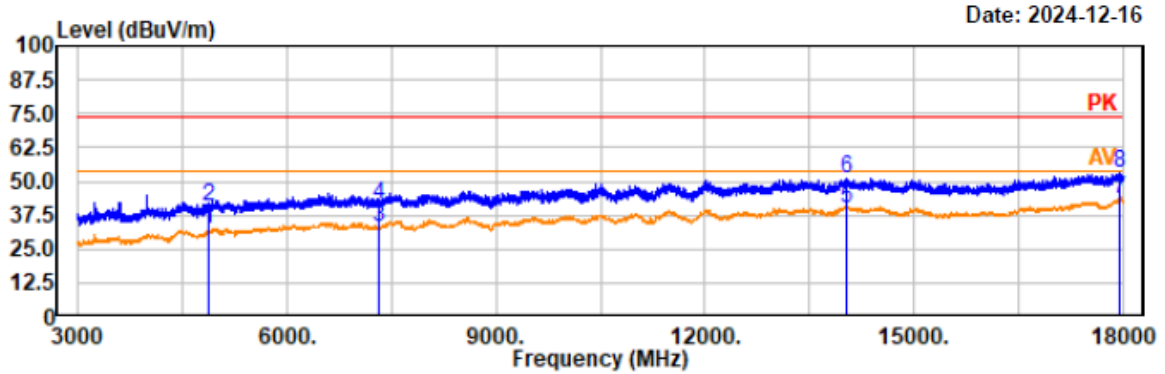
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	38.71	-4.26	34.45	54.00	19.55	horizontal	Average
4873.50	48.69	-4.26	44.43	74.00	29.57	horizontal	Peak
7311.00	34.46	-1.63	32.83	54.00	21.17	horizontal	Average
7311.00	43.27	-1.63	41.64	74.00	32.36	horizontal	Peak
13519.50	34.65	4.81	39.46	54.00	14.54	horizontal	Average
13519.50	46.11	4.81	50.92	74.00	23.08	horizontal	Peak
17971.50	35.02	7.69	42.71	54.00	11.29	horizontal	Average
17971.50	45.69	7.69	53.38	74.00	20.62	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2437
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



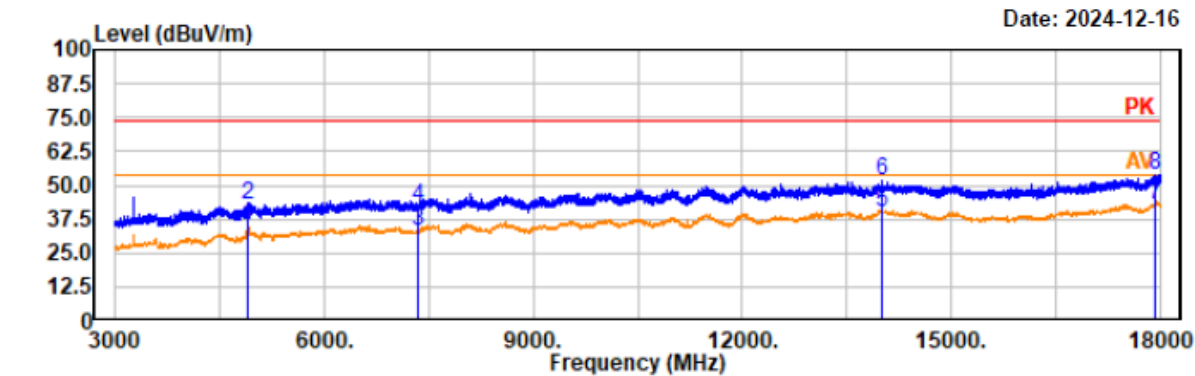
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	36.53	-4.26	32.27	54.00	21.73	vertical	Average
4873.50	44.78	-4.26	40.52	74.00	33.48	vertical	Peak
7311.00	34.76	-1.63	33.13	54.00	20.87	vertical	Average
7311.00	43.06	-1.63	41.43	74.00	32.57	vertical	Peak
14020.50	34.57	5.11	39.68	54.00	14.32	vertical	Average
14020.50	46.20	5.11	51.31	74.00	22.69	vertical	Peak
17962.50	35.52	7.68	43.20	54.00	10.80	vertical	Average
17962.50	45.12	7.68	52.80	74.00	21.20	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2452
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
 AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4903.50	39.24	-4.18	35.06	54.00	18.94	horizontal	Average
4903.50	47.04	-4.18	42.86	74.00	31.14	horizontal	Peak
7356.00	34.58	-1.59	32.99	54.00	21.01	horizontal	Average
7356.00	43.98	-1.59	42.39	74.00	31.61	horizontal	Peak
13995.00	34.97	5.09	40.06	54.00	13.94	horizontal	Average
13995.00	46.35	5.09	51.44	74.00	22.56	horizontal	Peak
17926.50	34.95	7.64	42.59	54.00	11.41	horizontal	Average
17926.50	46.15	7.64	53.79	74.00	20.21	horizontal	Peak

Project No.: 2407X32126E-RF

Test Mode: 11n40-2452

EUT Model: YS-001

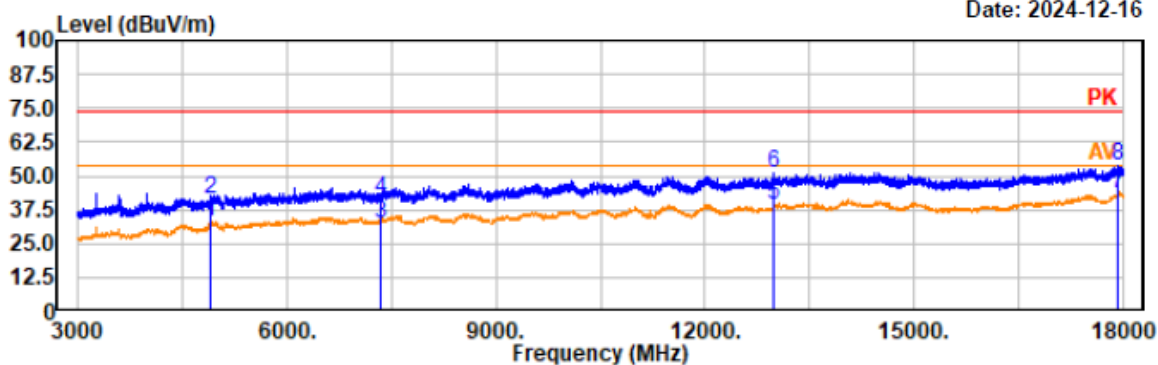
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4903.50	37.53	-4.18	33.35	54.00	20.65	vertical	Average
4903.50	45.89	-4.18	41.71	74.00	32.29	vertical	Peak
7356.00	34.20	-1.59	32.61	54.00	21.39	vertical	Average
7356.00	43.13	-1.59	41.54	74.00	32.46	vertical	Peak
12990.00	33.96	5.15	39.11	54.00	14.89	vertical	Average
12990.00	45.70	5.15	50.85	74.00	23.15	vertical	Peak
17935.50	35.58	7.64	43.22	54.00	10.78	vertical	Average
17935.50	46.07	7.64	53.71	74.00	20.29	vertical	Peak

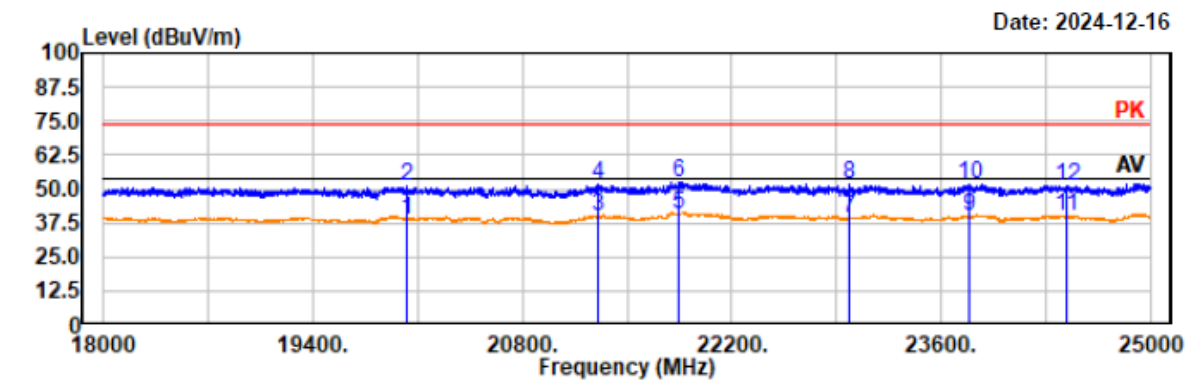
5) 18GHz~25GHz

For BLE:

EUT operation mode: Transmitting in BLE 1Mbps high channel (worst case).

Project No.: 2407X32126E-RF
Test Mode: 1M-2480
EUT Model: YS-001
Test distance: 1m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



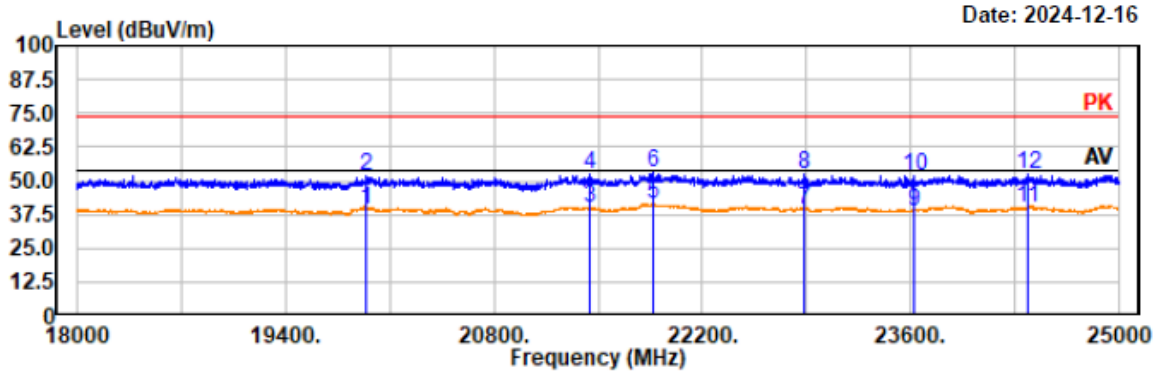
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
20032.80	38.74	0.04	38.78	54.00	15.22	horizontal	Average
20032.80	50.82	0.04	50.86	74.00	23.14	horizontal	Peak
21302.20	39.19	0.78	39.97	54.00	14.03	horizontal	Average
21302.20	50.81	0.78	51.59	74.00	22.41	horizontal	Peak
21850.00	39.06	1.47	40.53	54.00	13.47	horizontal	Average
21850.00	50.78	1.47	52.25	74.00	21.75	horizontal	Peak
22987.40	37.61	1.43	39.04	54.00	14.96	horizontal	Average
22987.40	50.57	1.43	52.00	74.00	22.00	horizontal	Peak
23790.40	38.00	1.67	39.67	54.00	14.33	horizontal	Average
23790.40	50.11	1.67	51.78	74.00	22.22	horizontal	Peak
24435.00	37.28	2.59	39.87	54.00	14.13	horizontal	Average
24435.00	48.74	2.59	51.33	74.00	22.67	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 1M-2480
EUT Model: YS-001
Test distance: 1m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

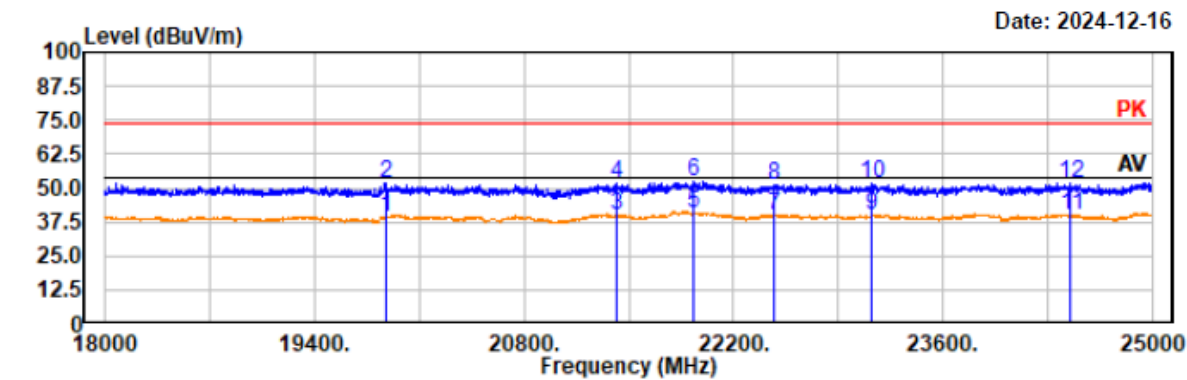
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
19938.20	39.63	-0.04	39.59	54.00	14.41	vertical	Average
19938.20	51.56	-0.04	51.52	74.00	22.48	vertical	Peak
21443.00	38.69	1.00	39.69	54.00	14.31	vertical	Average
21443.00	51.59	1.00	52.59	74.00	21.41	vertical	Peak
21865.40	39.45	1.62	41.07	54.00	12.93	vertical	Average
21865.40	51.27	1.62	52.89	74.00	21.11	vertical	Peak
22881.80	38.04	1.46	39.50	54.00	14.50	vertical	Average
22881.80	50.82	1.46	52.28	74.00	21.72	vertical	Peak
23621.00	37.28	1.39	38.67	54.00	15.33	vertical	Average
23621.00	50.43	1.39	51.82	74.00	22.18	vertical	Peak
24388.80	37.36	2.52	39.88	54.00	14.12	vertical	Average
24388.80	50.09	2.52	52.61	74.00	21.39	vertical	Peak

For 2.4G WIFI:

EUT operation mode: Transmitting in Wifi 802.11b middle channel (worst case).

Project No.: 2407X32126E-RF
Test Mode: 11b 2437
EUT Model: YS-001
Test distance: 1m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

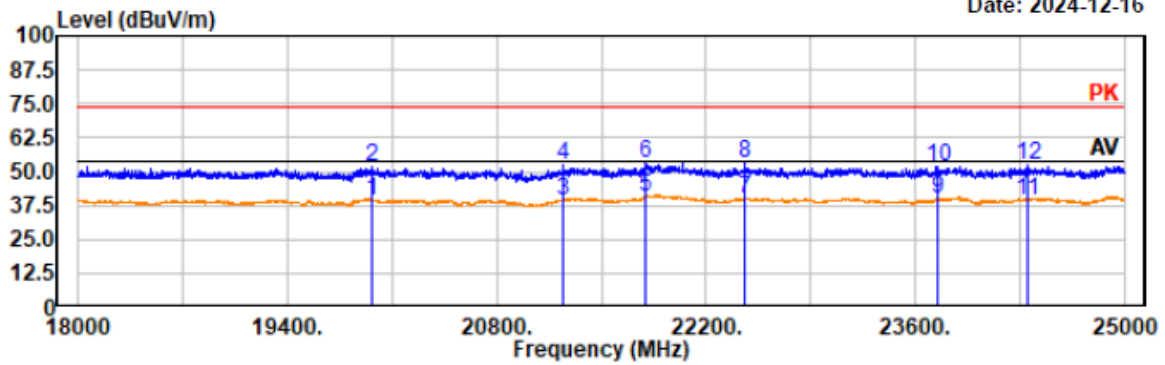
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
19876.60	39.47	-0.09	39.38	54.00	14.62	horizontal	Average
19876.60	52.03	-0.09	51.94	74.00	22.06	horizontal	Peak
21418.80	38.93	0.97	39.90	54.00	14.10	horizontal	Average
21418.80	50.69	0.97	51.66	74.00	22.34	horizontal	Peak
21931.40	39.25	1.65	40.90	54.00	13.10	horizontal	Average
21931.40	50.68	1.65	52.33	74.00	21.67	horizontal	Peak
22470.40	38.41	1.45	39.86	54.00	14.14	horizontal	Average
22470.40	49.63	1.45	51.08	74.00	22.92	horizontal	Peak
23121.60	38.35	1.40	39.75	54.00	14.25	horizontal	Average
23121.60	50.57	1.40	51.97	74.00	22.03	horizontal	Peak
24454.80	37.72	2.61	40.33	54.00	13.67	horizontal	Average
24454.80	48.82	2.61	51.43	74.00	22.57	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b 2437
EUT Model: YS-001
Test distance: 1m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

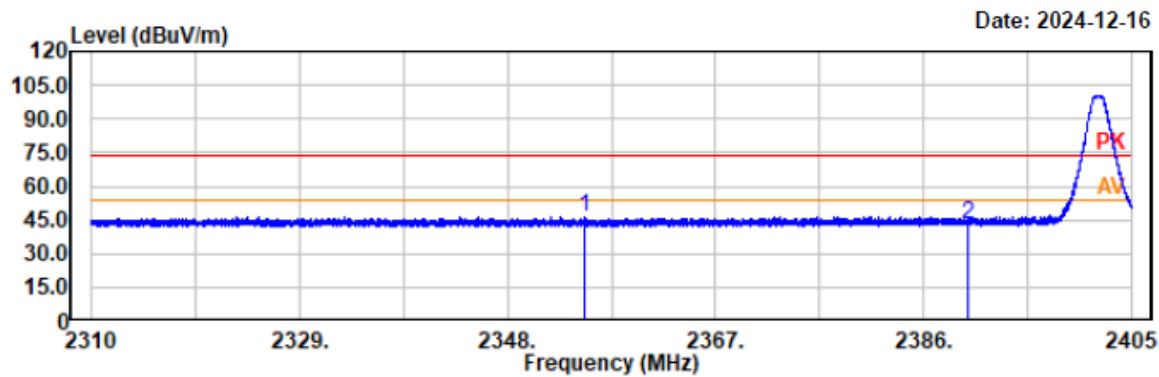
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
19960.20	39.52	-0.04	39.48	54.00	14.52	vertical	Average
19960.20	51.47	-0.04	51.43	74.00	22.57	vertical	Peak
21240.60	38.68	0.68	39.36	54.00	14.64	vertical	Average
21240.60	51.88	0.68	52.56	74.00	21.44	vertical	Peak
21799.40	39.43	1.48	40.91	54.00	13.09	vertical	Average
21799.40	51.81	1.48	53.29	74.00	20.71	vertical	Peak
22459.40	38.72	1.42	40.14	54.00	13.86	vertical	Average
22459.40	51.36	1.42	52.78	74.00	21.22	vertical	Peak
23750.80	38.48	1.62	40.10	54.00	13.90	vertical	Average
23750.80	50.33	1.62	51.95	74.00	22.05	vertical	Peak
24351.40	37.00	2.47	39.47	54.00	14.53	vertical	Average
24351.40	49.63	2.47	52.10	74.00	21.90	vertical	Peak

Restricted Bands Emissions:

For BLE:

Project No.: 2407X32126E-RF
Test Mode: 1M-2402
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

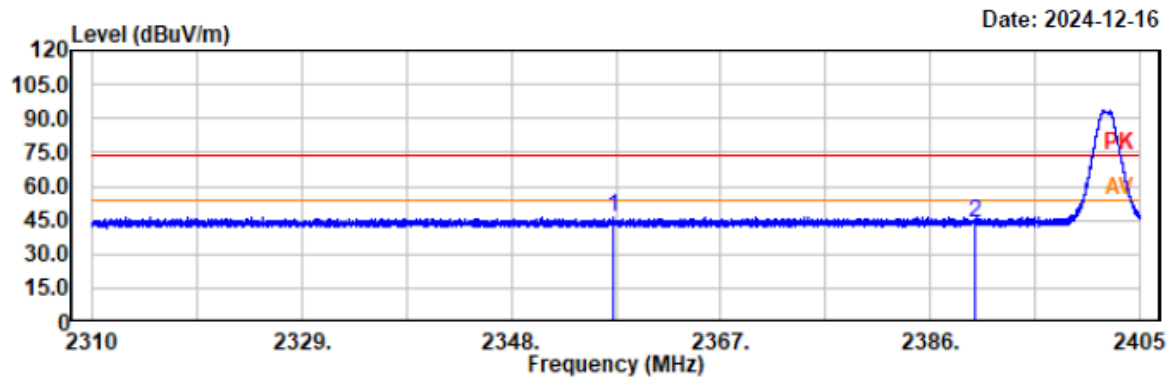


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2354.99	47.25	-0.81	46.44	74.00	27.56	horizontal	Peak
2390.00	43.69	-0.63	43.06	74.00	30.94	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 1M-2402
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

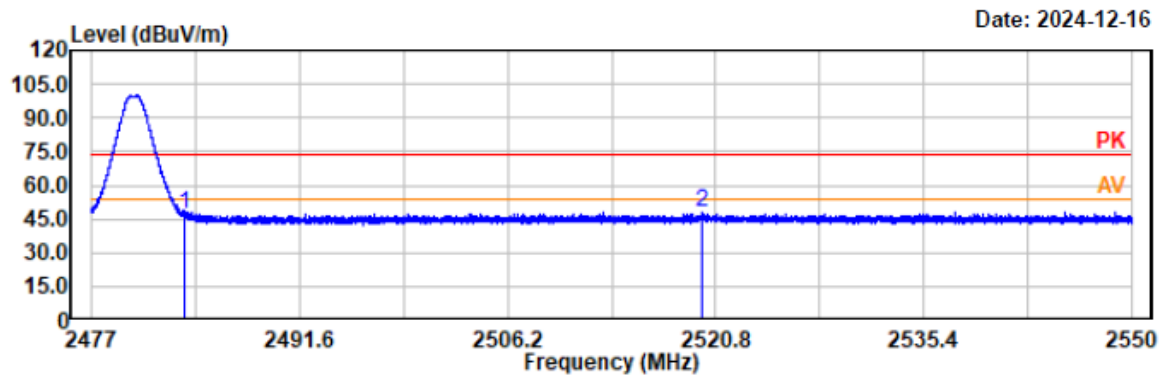


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2357.26	47.06	-0.80	46.26	74.00	27.74	vertical	Peak
2390.00	44.11	-0.63	43.48	74.00	30.52	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 1M-2480
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

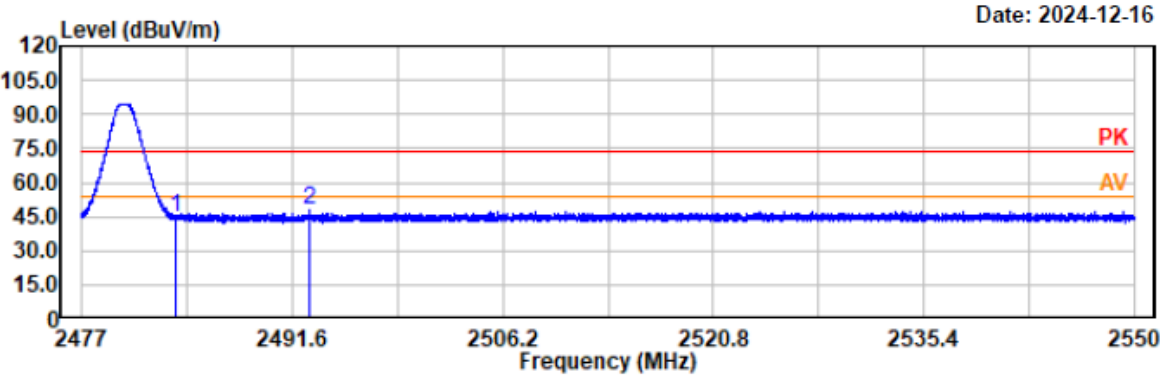


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	47.27	-0.17	47.10	74.00	26.90	horizontal	Peak
2519.78	47.67	-0.06	47.61	74.00	26.39	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 1M-2480
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.15	-0.17	44.98	74.00	29.02	vertical	Peak
2492.83	48.02	-0.11	47.91	74.00	26.09	vertical	Peak

For 2.4G WIFI:

Project No.: 2407X32126E-RF

Test Mode: 11b-2412

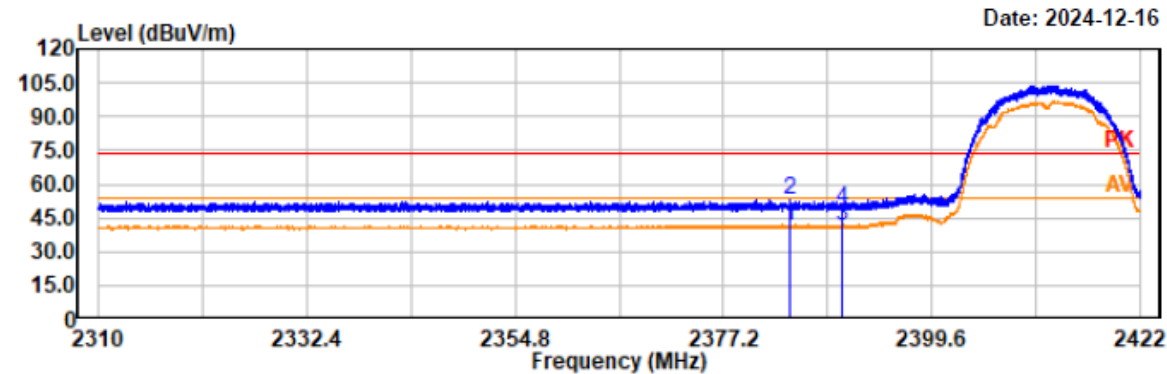
EUT Model: YS-001

Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



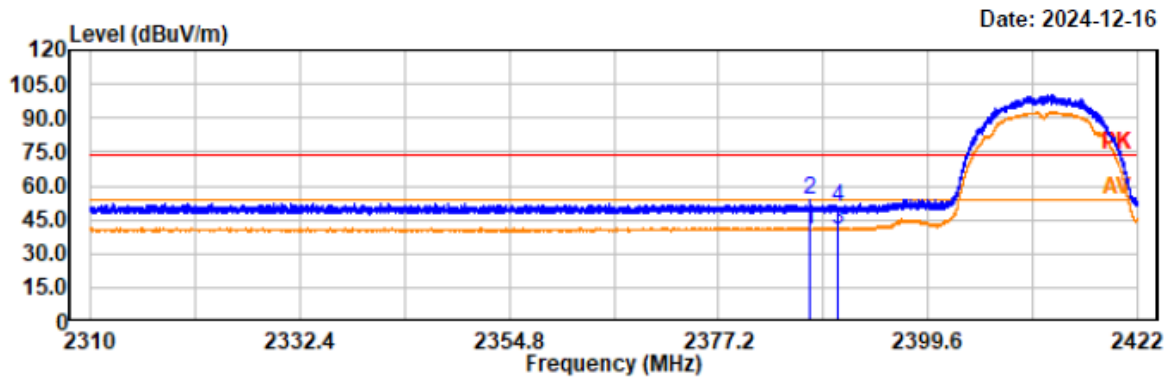
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2384.40	35.87	5.34	41.21	54.00	12.79	horizontal	Average
2384.40	47.50	5.34	52.84	74.00	21.16	horizontal	Peak
2390.00	35.70	5.37	41.07	54.00	12.93	horizontal	Average
2390.00	43.86	5.37	49.23	74.00	24.77	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2386.88	35.01	5.35	40.36	54.00	13.64	vertical	Average
2386.88	48.10	5.35	53.45	74.00	20.55	vertical	Peak
2390.00	35.53	5.37	40.90	54.00	13.10	vertical	Average
2390.00	44.93	5.37	50.30	74.00	23.70	vertical	Peak

Project No.: 2407X32126E-RF

Test Mode: 11b-2462

EUT Model: YS-001

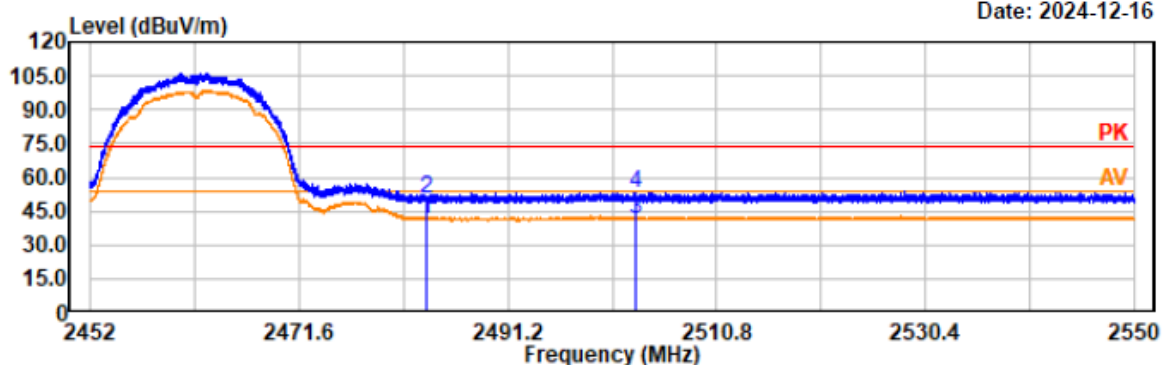
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

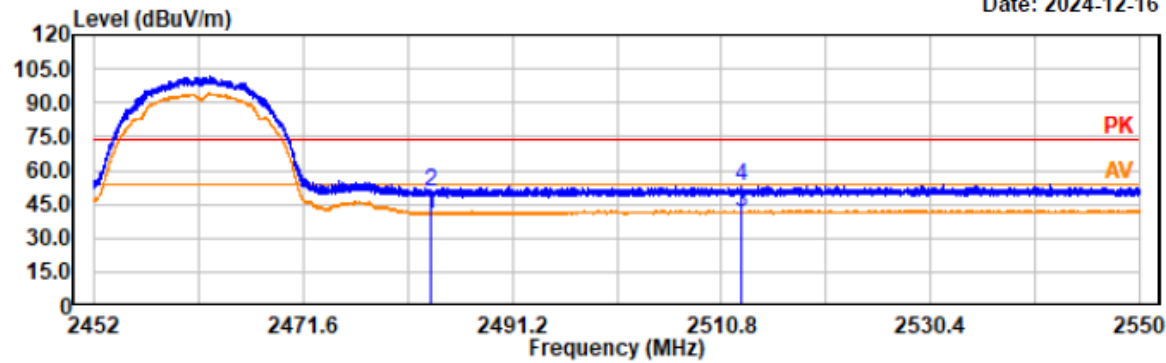
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	35.92	5.83	41.75	54.00	12.25	horizontal	Average
2483.50	44.44	5.83	50.27	74.00	23.73	horizontal	Peak
2503.12	35.73	5.93	41.66	54.00	12.34	horizontal	Average
2503.12	47.01	5.93	52.94	74.00	21.06	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11b-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	35.11	5.83	40.94	54.00	13.06	vertical	Average
2483.50	44.80	5.83	50.63	74.00	23.37	vertical	Peak
2512.62	35.72	5.94	41.66	54.00	12.34	vertical	Average
2512.62	47.17	5.94	53.11	74.00	20.89	vertical	Peak

Project No.: 2407X32126E-RF

Test Mode: 11g-2412

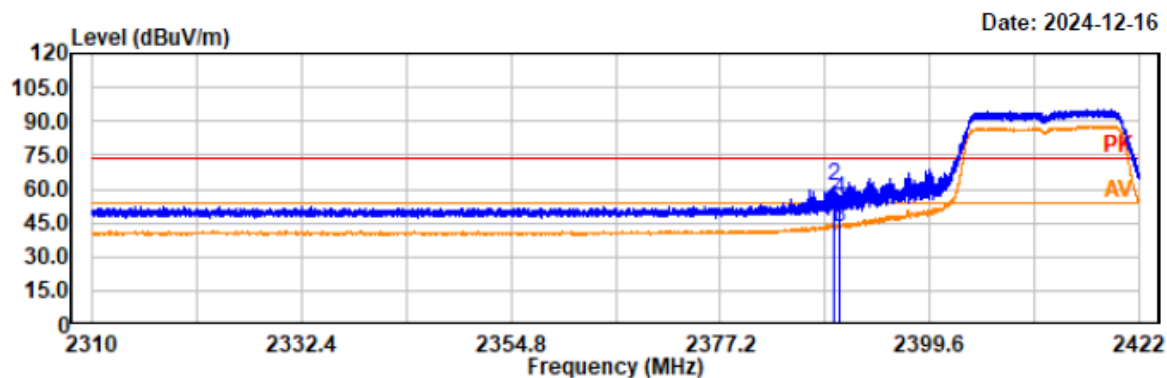
EUT Model: YS-001

Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2389.39	37.73	5.37	43.10	54.00	10.90	horizontal	Average
2389.39	55.93	5.37	61.30	74.00	12.70	horizontal	Peak
2390.00	37.29	5.37	42.66	54.00	11.34	horizontal	Average
2390.00	50.46	5.37	55.83	74.00	18.17	horizontal	Peak

Project No.: 2407X32126E-RF

Test Mode: 11g-2412

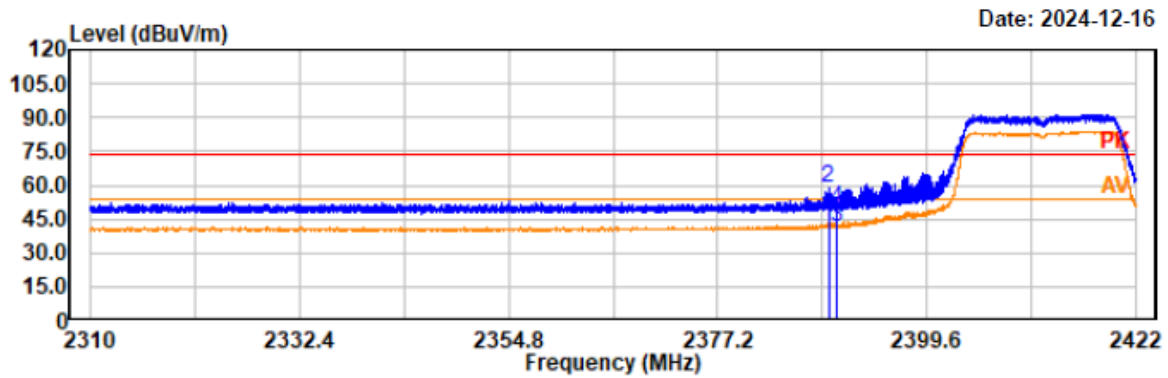
EUT Model: YS-001

Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Trace: 1

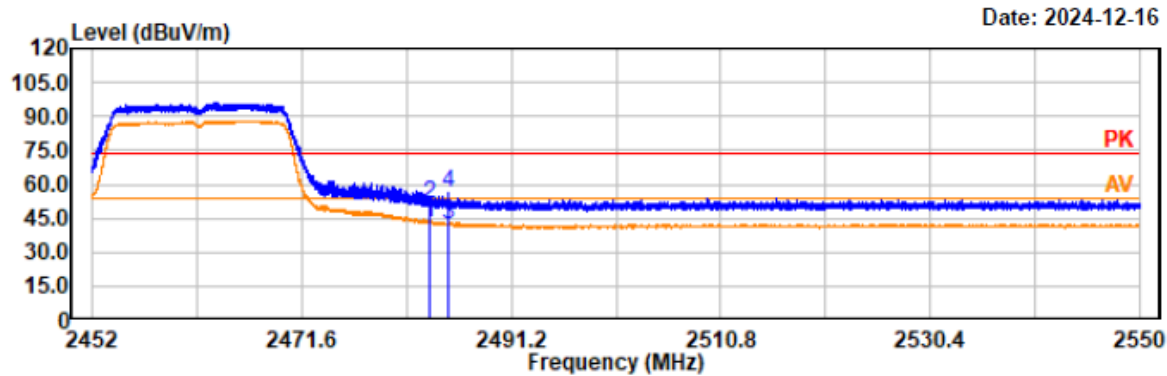
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2389.06	37.34	5.37	42.71	54.00	11.29	vertical	Average
2389.06	53.26	5.37	58.63	74.00	15.37	vertical	Peak
2390.00	36.21	5.37	41.58	54.00	12.42	vertical	Average
2390.00	44.63	5.37	50.00	74.00	24.00	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



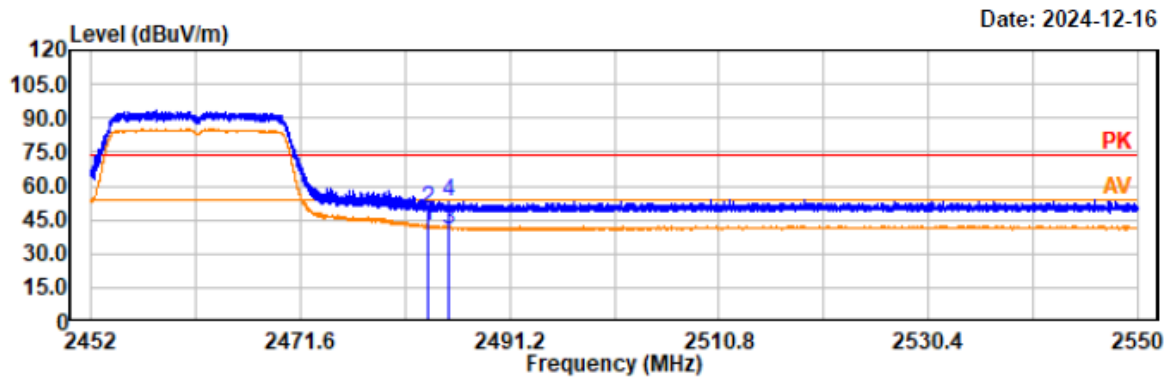
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	37.01	5.83	42.84	54.00	11.16	horizontal	Average
2483.50	45.88	5.83	51.71	74.00	22.29	horizontal	Peak
2485.26	36.74	5.84	42.58	54.00	11.42	horizontal	Average
2485.26	50.31	5.84	56.15	74.00	17.85	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11g-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



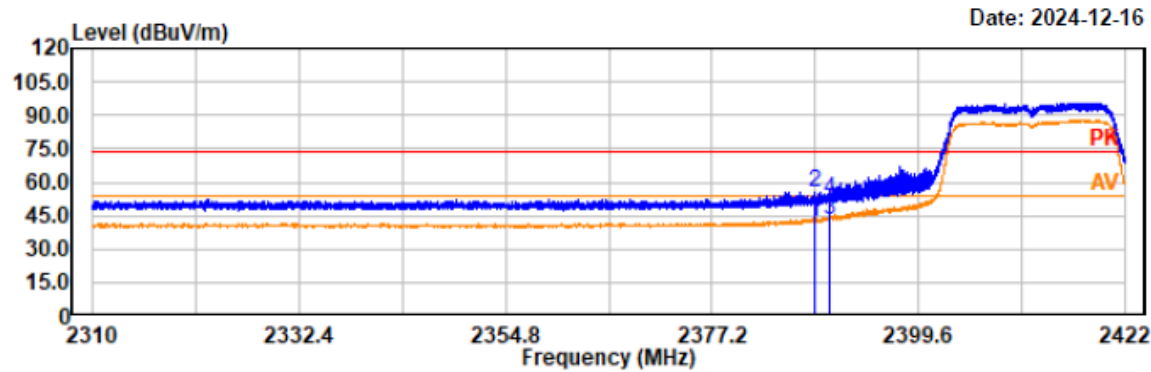
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	36.62	5.83	42.45	54.00	11.55	vertical	Average
2483.50	44.15	5.83	49.98	74.00	24.02	vertical	Peak
2485.44	35.07	5.84	40.91	54.00	13.09	vertical	Average
2485.44	47.47	5.84	53.31	74.00	20.69	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



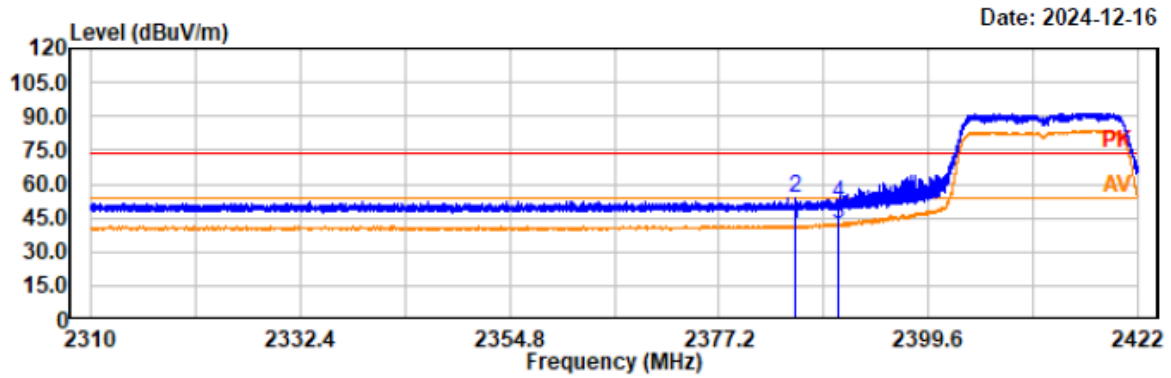
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2388.29	36.88	5.36	42.24	54.00	11.76	horizontal	Average
2388.29	50.21	5.36	55.57	74.00	18.43	horizontal	Peak
2390.00	37.78	5.37	43.15	54.00	10.85	horizontal	Average
2390.00	46.92	5.37	52.29	74.00	21.71	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2412
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



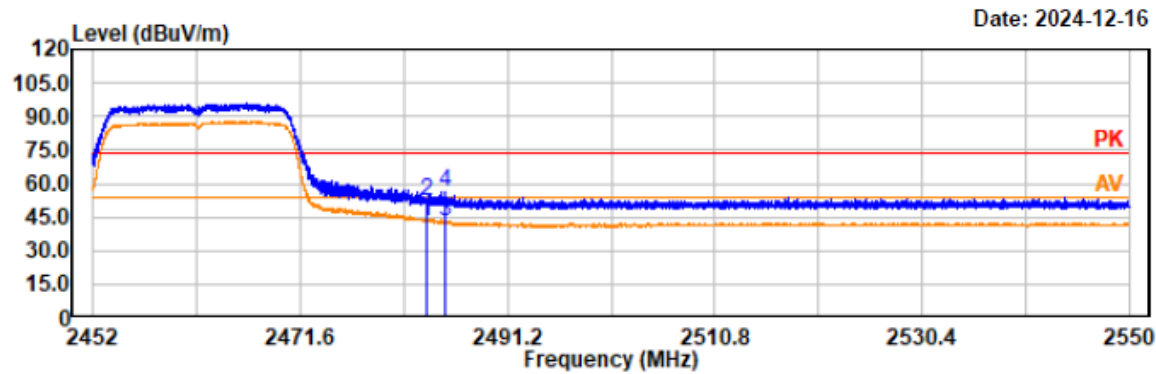
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2385.37	36.52	5.34	41.86	54.00	12.14	vertical	Average
2385.37	48.22	5.34	53.56	74.00	20.44	vertical	Peak
2390.00	36.73	5.37	42.10	54.00	11.90	vertical	Average
2390.00	45.60	5.37	50.97	74.00	23.03	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n20-2462
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	37.39	5.83	43.22	54.00	10.78	horizontal	Average
2483.50	46.13	5.83	51.96	74.00	22.04	horizontal	Peak
2485.27	36.79	5.84	42.63	54.00	11.37	horizontal	Average
2485.27	50.50	5.84	56.34	74.00	17.66	horizontal	Peak

Project No.: 2407X32126E-RF

Test Mode: 11n20-2462

EUT Model: YS-001

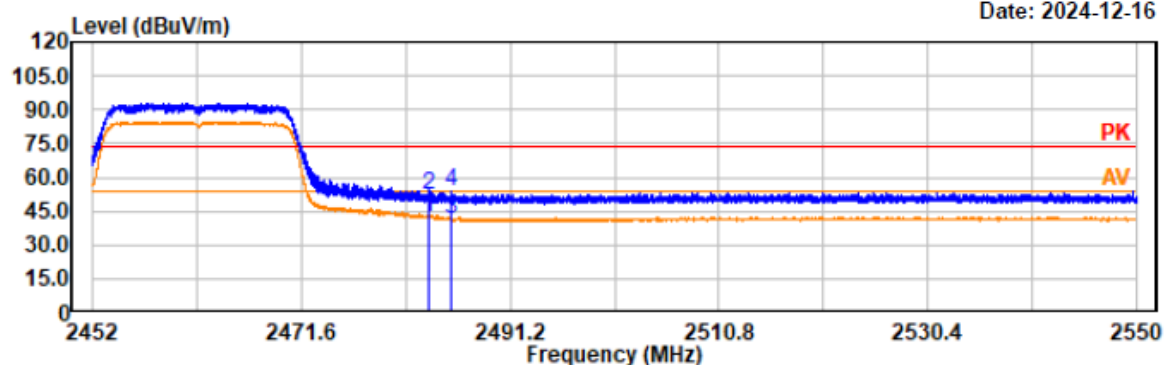
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

Date: 2024-12-16



Trace: 1

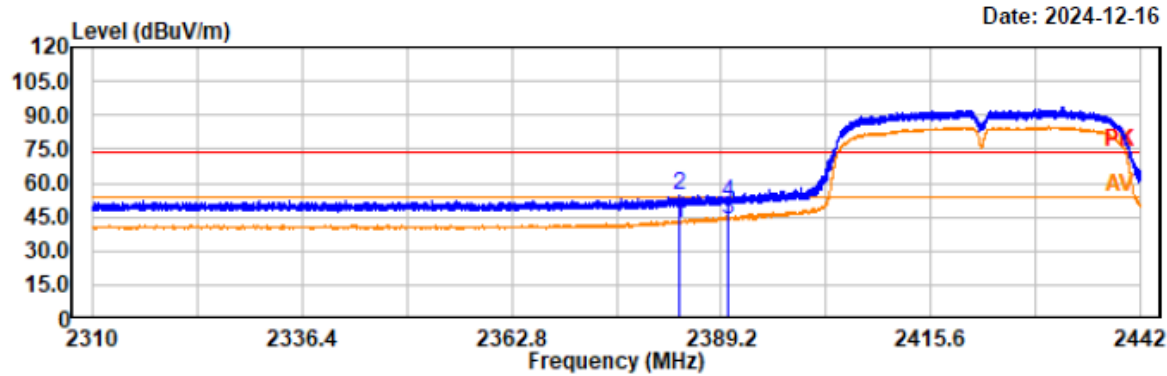
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	36.35	5.83	42.18	54.00	11.82	vertical	Average
2483.50	46.69	5.83	52.52	74.00	21.48	vertical	Peak
2485.68	35.47	5.84	41.31	54.00	12.69	vertical	Average
2485.68	48.09	5.84	53.93	74.00	20.07	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2422
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



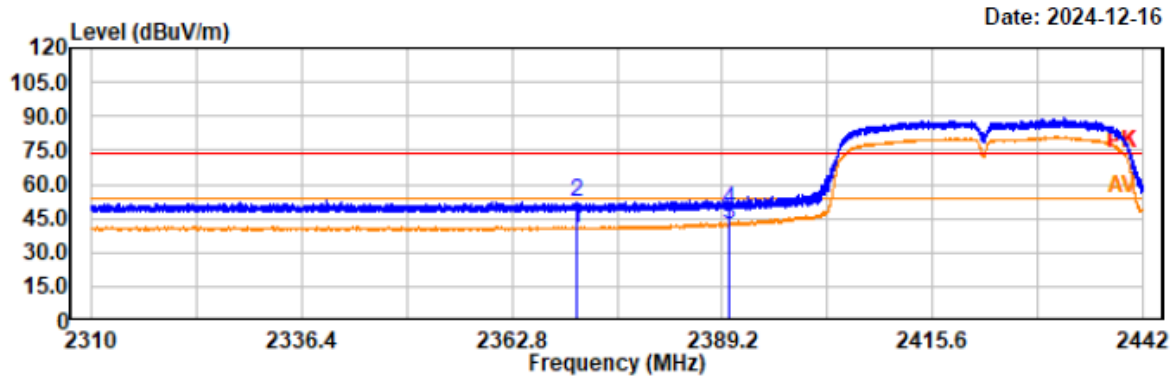
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2383.97	37.08	5.34	42.42	54.00	11.58	horizontal	Average
2383.97	49.15	5.34	54.49	74.00	19.51	horizontal	Peak
2390.01	38.57	5.37	43.94	54.00	10.06	horizontal	Average
2390.01	46.12	5.37	51.49	74.00	22.51	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2422
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



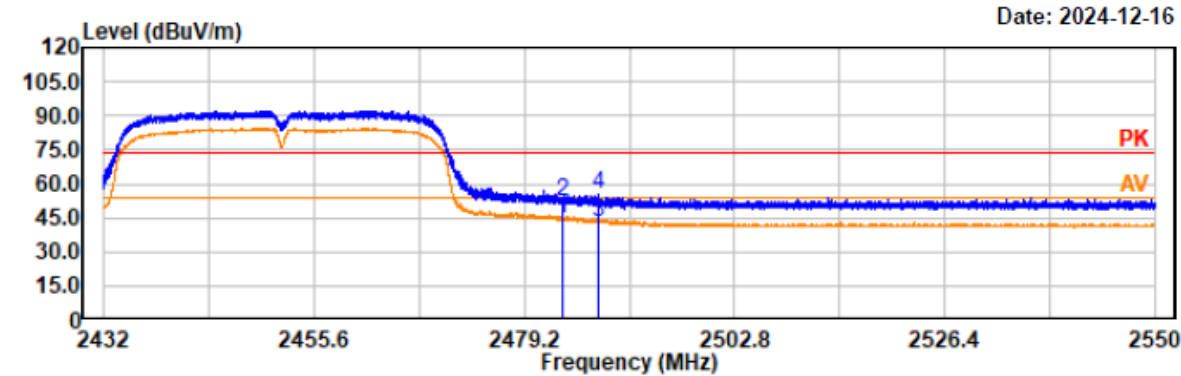
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2370.98	35.26	5.27	40.53	54.00	13.47	vertical	Average
2370.98	46.87	5.27	52.14	74.00	21.86	vertical	Peak
2390.01	36.66	5.37	42.03	54.00	11.97	vertical	Average
2390.01	43.87	5.37	49.24	74.00	24.76	vertical	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2452
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



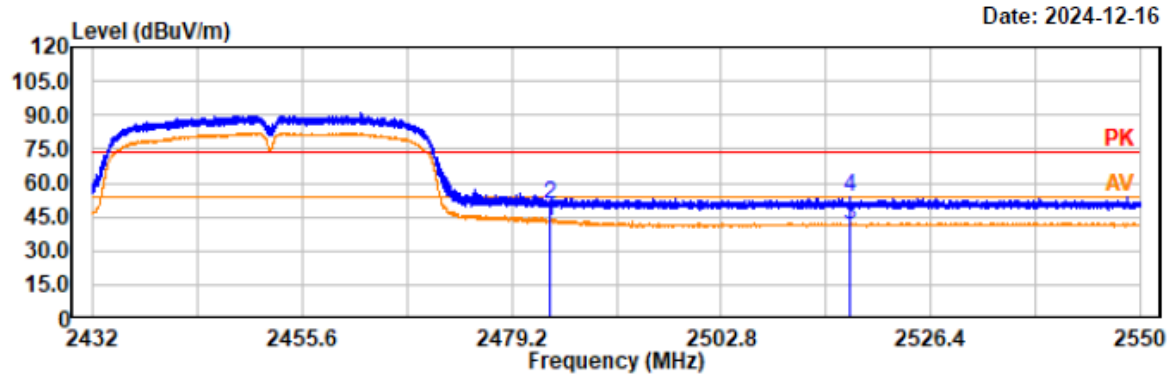
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	38.73	5.83	44.56	54.00	9.44	horizontal	Average
2483.50	46.47	5.83	52.30	74.00	21.70	horizontal	Peak
2487.59	37.17	5.85	43.02	54.00	10.98	horizontal	Average
2487.59	49.54	5.85	55.39	74.00	18.61	horizontal	Peak

Project No.: 2407X32126E-RF
Test Mode: 11n40-2452
EUT Model: YS-001
Test distance: 3m

Temp/Humi/ATM: 23.1°C/48%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



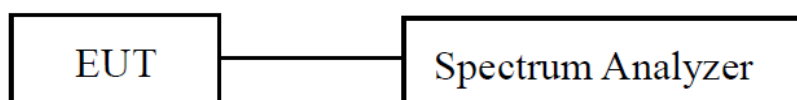
Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	37.32	5.83	43.15	54.00	10.85	vertical	Average
2483.50	44.77	5.83	50.60	74.00	23.40	vertical	Peak
2517.26	35.49	5.93	41.42	54.00	12.58	vertical	Average
2517.26	47.66	5.93	53.59	74.00	20.41	vertical	Peak

FCC §15.247(a) (2) – 6 dB EMISSION BANDWIDTH**Applicable Standard**

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 11.8

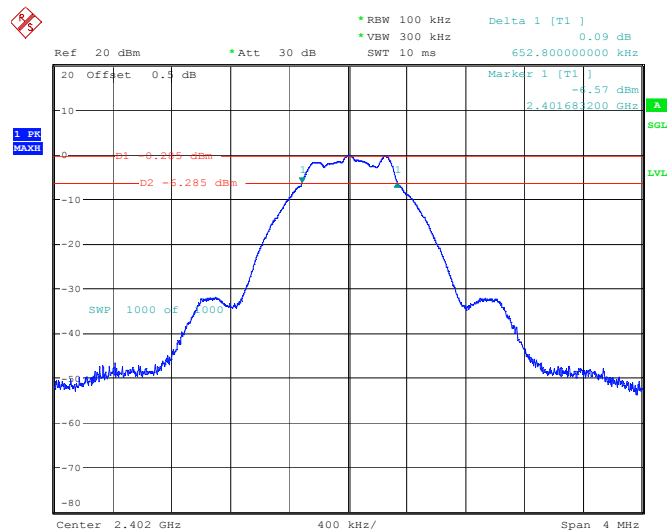
- Set RBW = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Data**For BLE:**

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-11	Test Voltage:	AC 120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 25.9°C Humi.: 60% Atm.: 100.2kPa
Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
BLE 1Mbps	2402	0.653	≥ 0.5
	2440	0.653	≥ 0.5
	2480	0.656	≥ 0.5

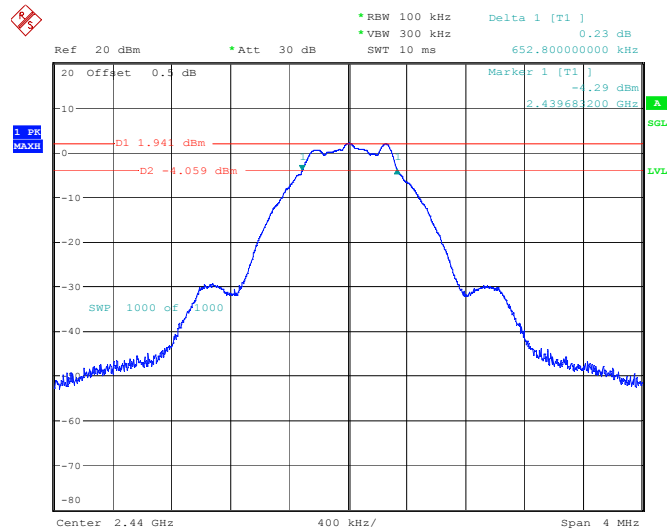
Please refer to below plots:

BLE 1Mbps Low Channel



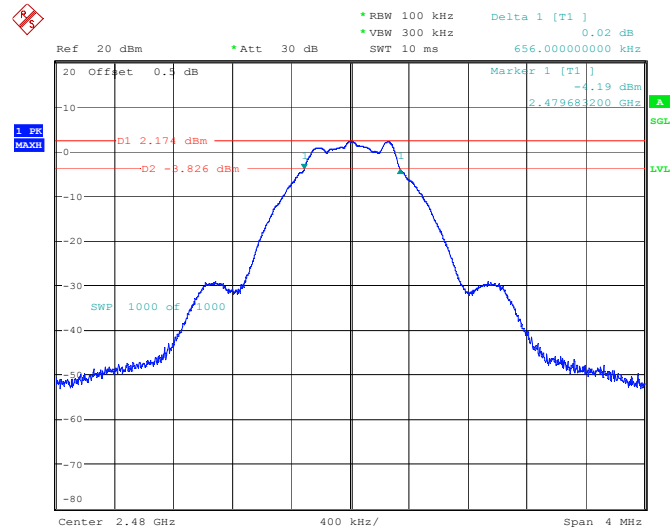
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:06:47

BLE 1Mbps Middle Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:10:46

BLE 1Mbps High Channel



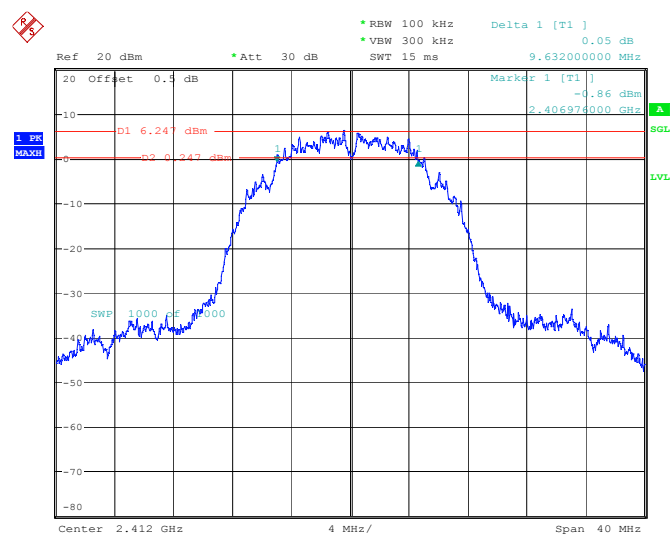
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:12:24

For 2.4G WIFI:

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-10	Test Voltage:	AC 120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 21.6°C Humi.: 55% Atm.: 100.1kPa
Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
802.11b	2412	9.632	0.5
	2437	9.632	0.5
	2462	9.632	0.5
802.11g	2412	16.544	0.5
	2437	16.544	0.5
	2462	16.512	0.5
802.11n ht20	2412	17.184	0.5
	2437	17.216	0.5
	2462	17.248	0.5
802.11n ht40	2422	33.728	0.5
	2437	33.984	0.5
	2452	33.728	0.5

Please refer to below plots:

802.11b Mode Low Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:12:36

*RBW 100 kHz Delta 1 [T1]
 *VBW 300 kHz -0.01 dB
 SWT 15 ms 9.63200000 MHz

Ref 20 dBm
 *Att 30 dB

20 Offset 0.5 dB

Marker 1 [T1]
 -0.33 dBm
 2.437 GHz

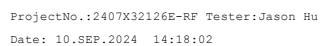
100 kHz
 MAX

D1 6.595 dBm
 D2 0.595 dBm

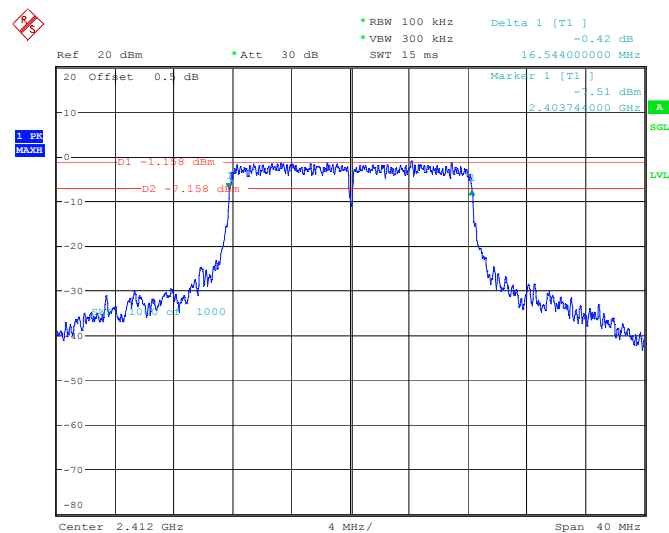
1000

Center 2.437 GHz
 4 MHz/
 Span 40 MHz

802.11b Mode High Channel

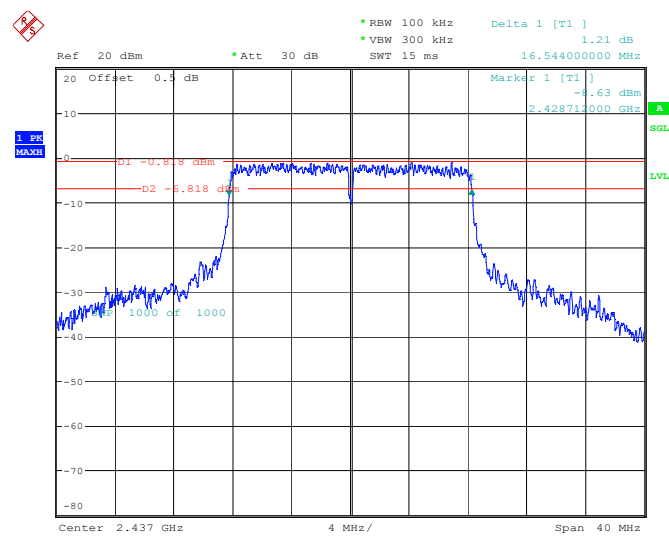


802.11g Mode Low Channel



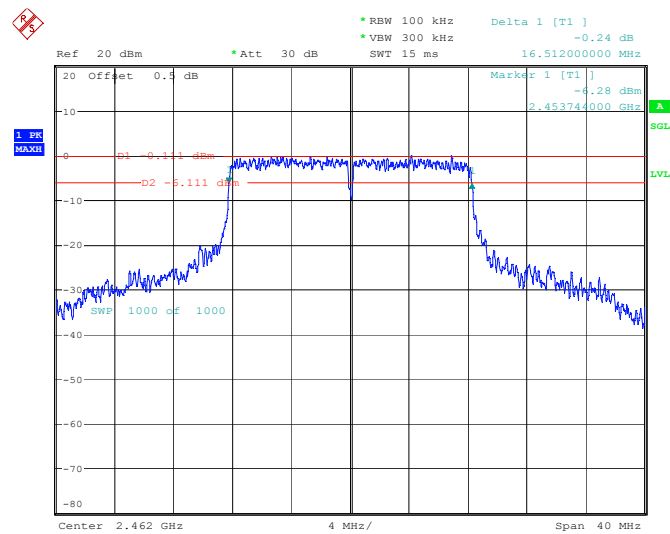
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:19:37

802.11g Mode Middle Channel



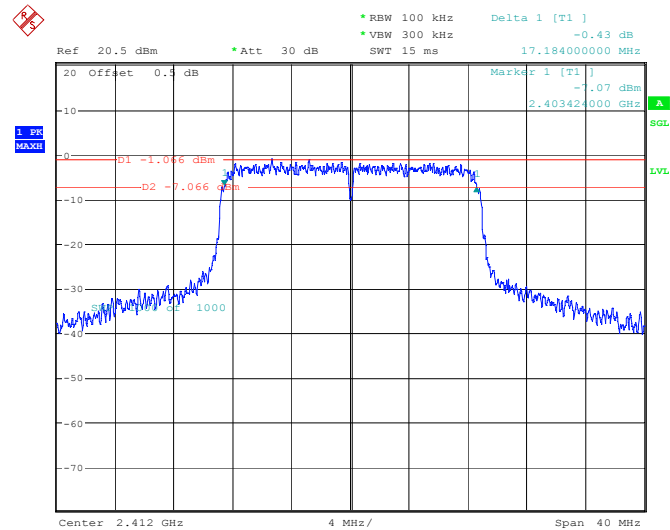
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:20:54

802.11g Mode High Channel



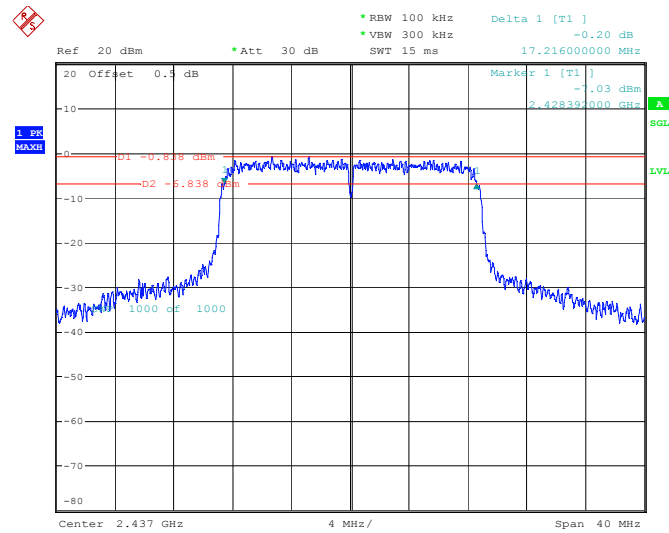
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:23:52

802.11n-ht20 Mode Low Channel



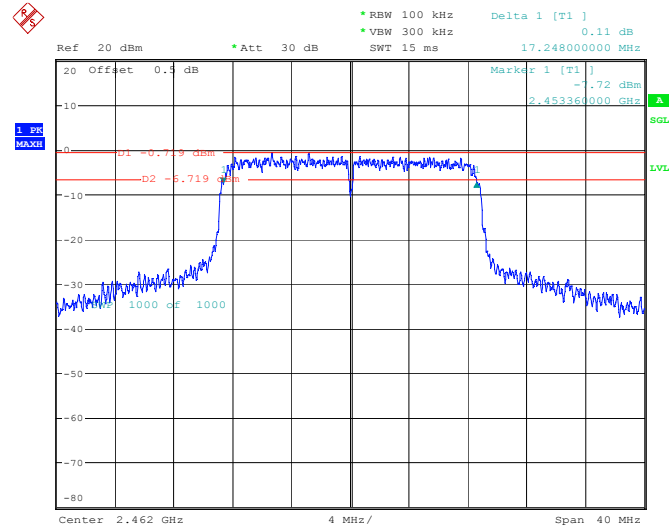
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:28:23

802.11n-ht20 Mode Middle Channel



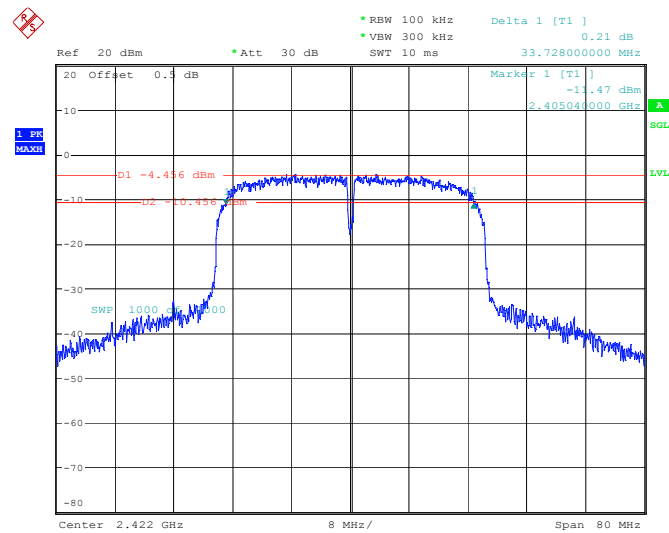
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:30:33

802.11n-ht20 Mode High Channel



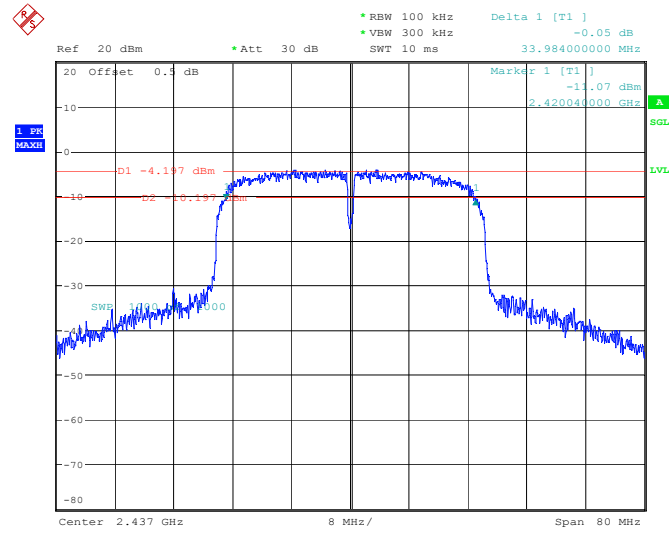
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:32:21

802.11n-ht40 Mode Low Channel



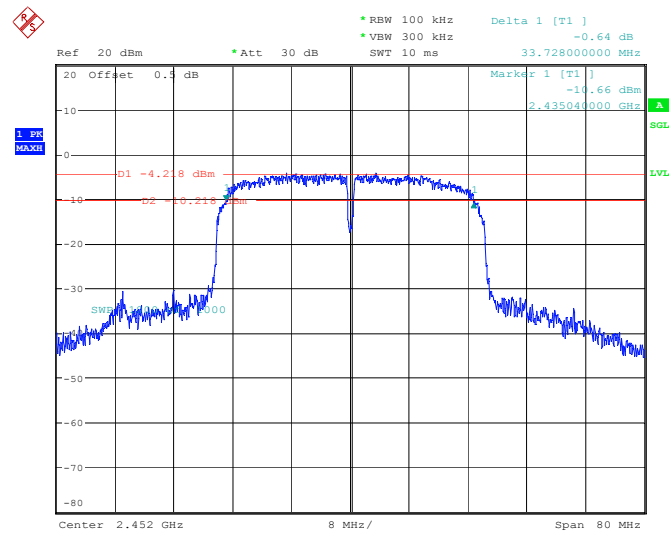
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:33:33

802.11n-ht40 Mode Middle Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:34:34

802.11n-ht40 Mode High Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 14:36:17

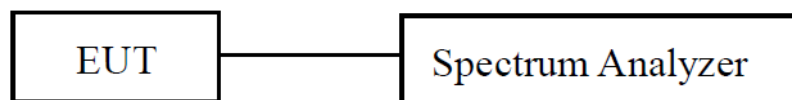
FCC §15.247(b) (3) - MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

EUT Setup

For BLE:



For 2.4G WIFI:



Test Procedure

For BLE

According to ANSI C63.10-2013 11.9.1.1

- Set the RBW $\geq$ DTS bandwidth.
- Set VBW $\geq [3 \times \text{RBW}]$.
- Set span $\geq [3 \times \text{RBW}]$.
- Sweep time = auto couple.
- Detector = peak.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use peak marker function to determine the peak amplitude level.

For 2.4G WIFI

According to ANSI C63.10-2013 11.9.1.2 Peak power meter method

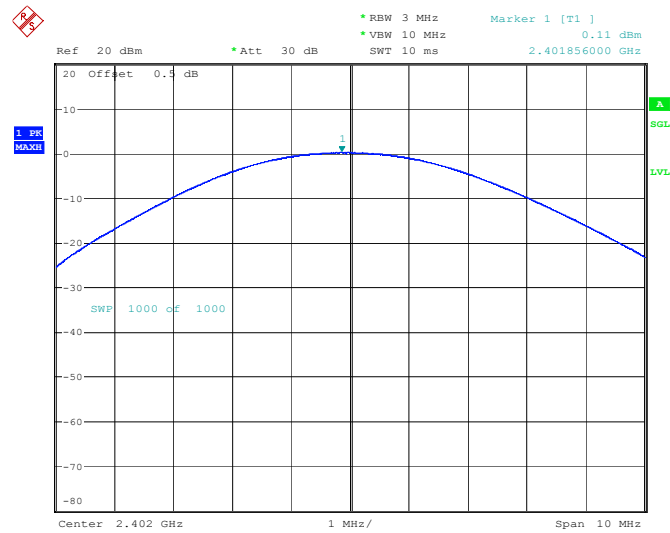
The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast responding diode detector.

Test Data**For BLE:**

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-11	Test Voltage:	AC120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 25.9℃ Humi.: 60% Atm.: 100.2kPa
Test Modes	Test Frequency (MHz)	Maximum Conducted Peak Output Power(dBm)	Limit (dBm)
BLE 1Mbps	2402	0.11	≤30
	2440	2.40	≤30
	2480	2.69	≤30

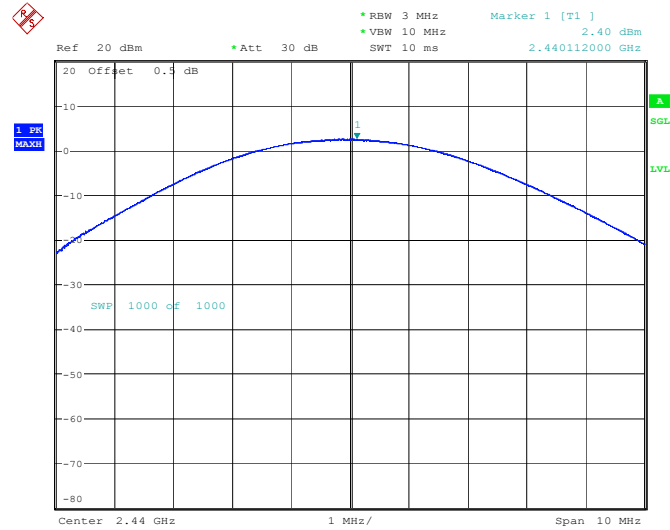
Please refer to below plots:

BLE 1Mbps Low Channel



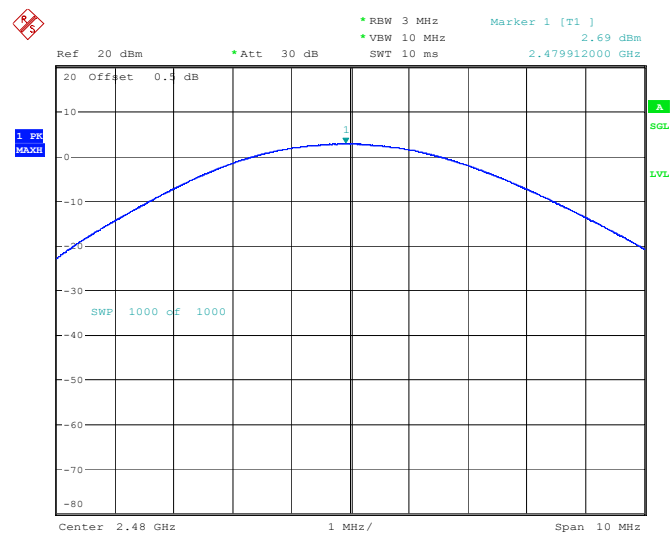
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:16:27

BLE 1Mbps Middle Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:18:41

BLE 1Mbps High Channel



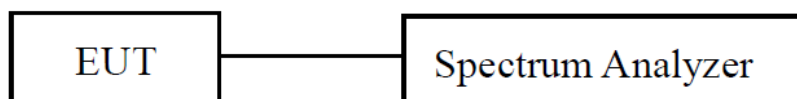
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:23:47

For 2.4G WIFI:

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-10	Test Voltage:	AC 120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 21.6℃ Humi.: 55% Atm.: 100.1kPa
Test Modes	Test Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)
802.11b	2412	17.62	30
	2437	18.32	30
	2462	18.27	30
802.11g	2412	16.76	30
	2437	16.98	30
	2462	16.83	30
802.11n ht20	2412	16.58	30
	2437	17.05	30
	2462	16.77	30
802.11n ht40	2422	16.78	30
	2437	16.83	30
	2452	16.58	30

FCC §15.247(d) – 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE**Applicable Standard**

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

EUT Setup**Test Procedure**

According to ANSI C63.10-2013 Section 11.11

- Set the center frequency and span to encompass frequency range to be measured.
- Set the RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

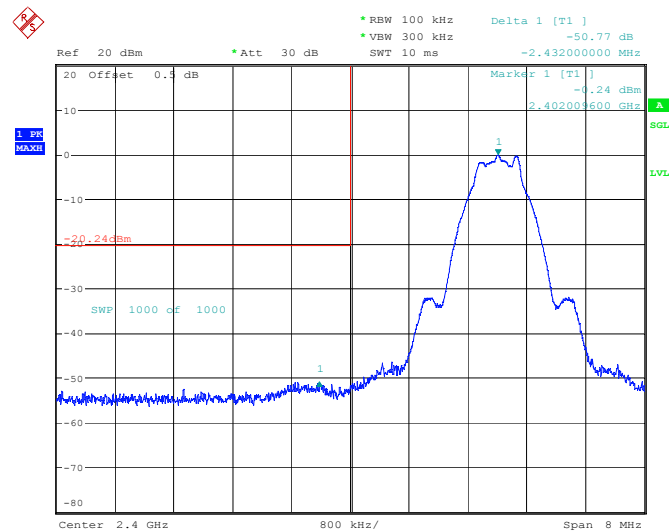
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

Test Data**For BLE:**

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-11	Test Voltage:	AC120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 25.9℃ Humi.: 60% Atm.: 100.2kPa

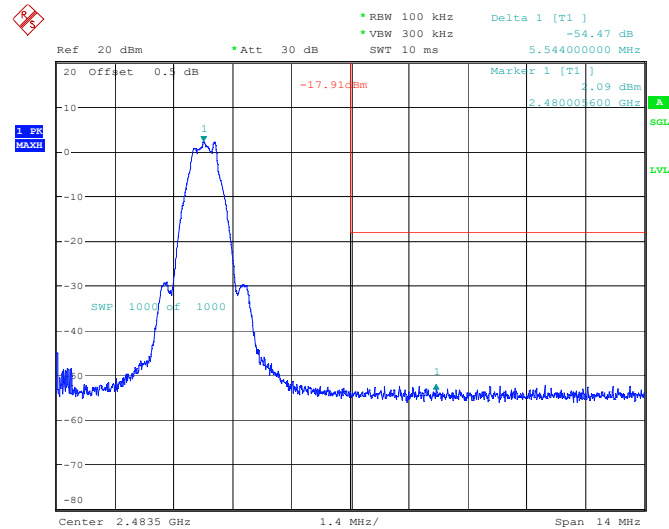
Please refer to below plots:

BLE 1Mbps Low Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:25:12

BLE 1Mbps High Channel



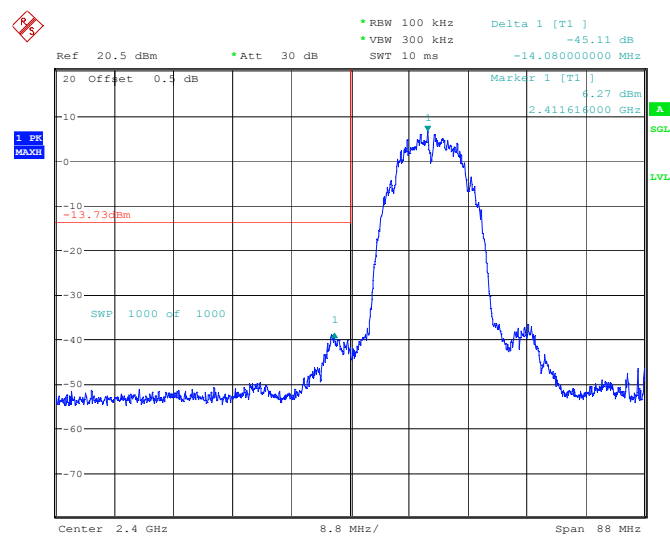
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:29:23

For 2.4G WIFI:

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-10	Test Voltage:	AC 120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 21.6℃ Humi.: 55% Atm.: 100.1kPa

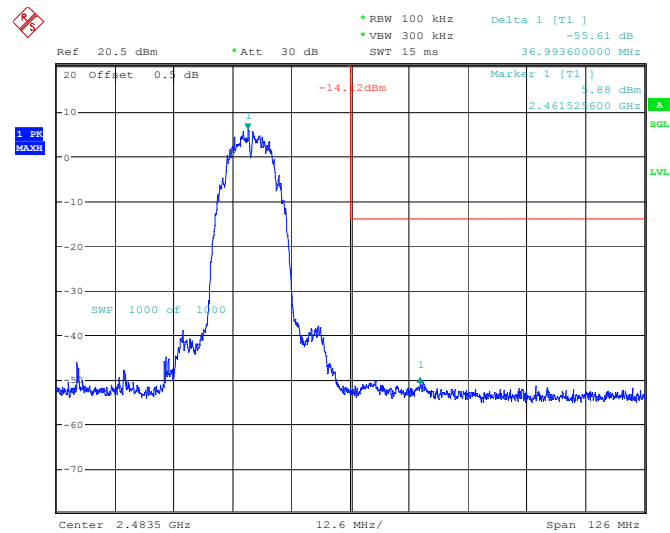
Please refer to below plots:

802.11b Mode Left Side



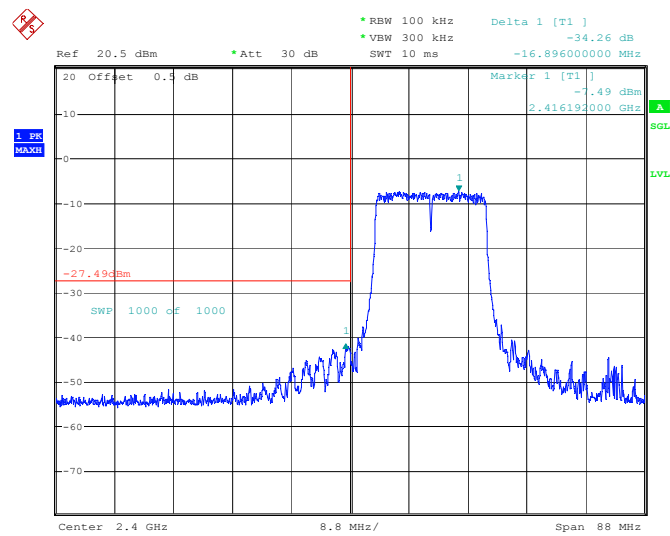
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 16:37:14

802.11b Mode Right Side



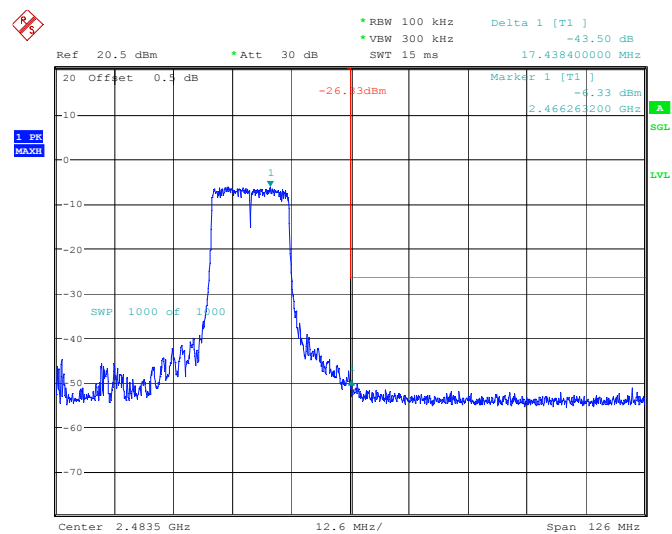
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 16:39:30

802.11g Mode Left Side



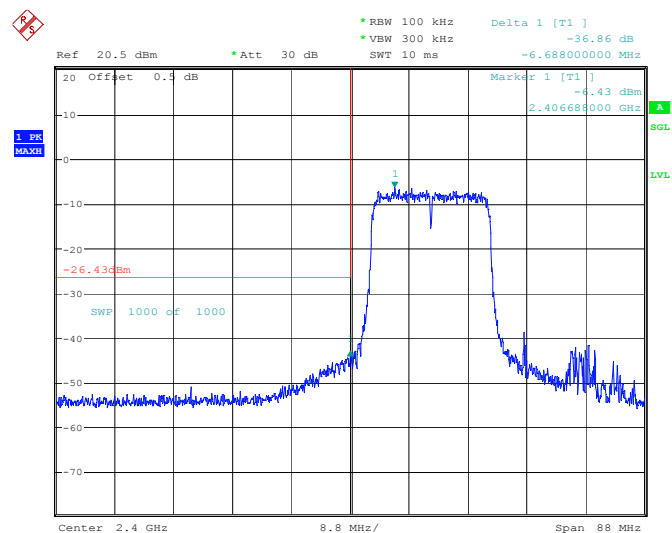
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 16:42:37

802.11g Mode Right Side



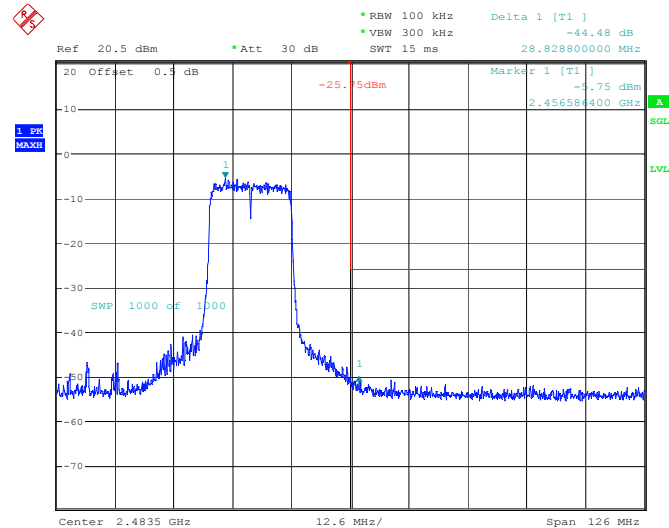
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 16:49:26

802.11n-ht20 Mode Left Side



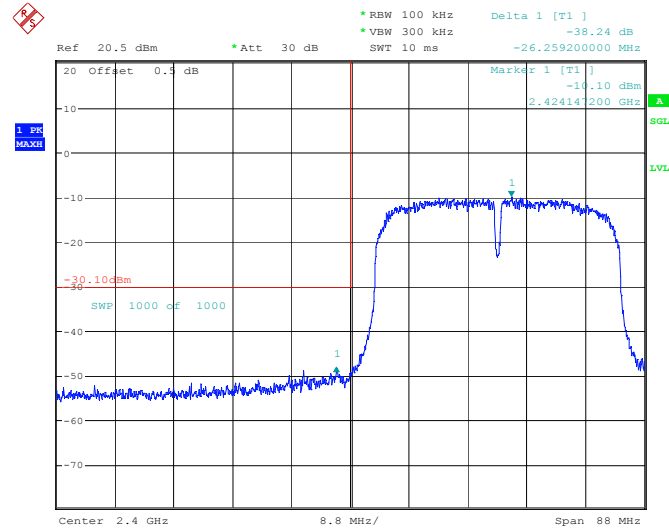
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 16:51:38

802.11n-ht20 Mode Right Side



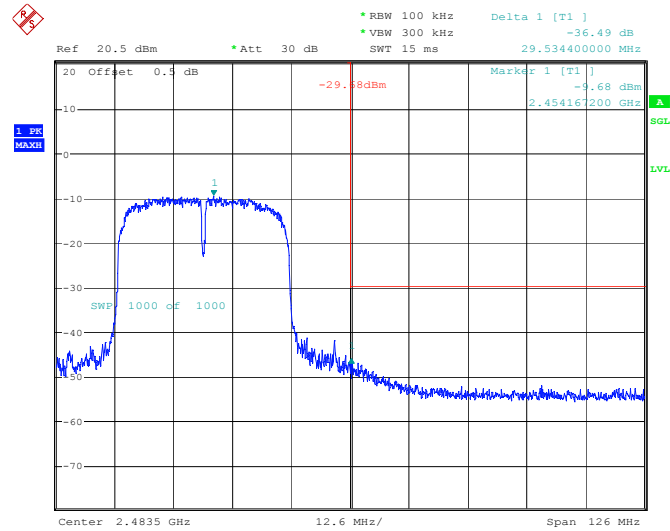
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Date: 10.SEP.2024 16:52:45

802.11n-ht40 Mode Left Side



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:01:48

802.11n-ht40 Mode Right Side



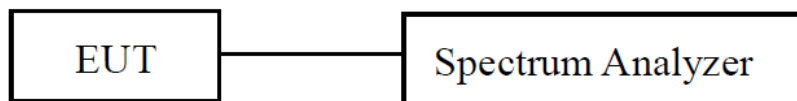
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:03:02

FCC §15.247(e) - POWER SPECTRAL DENSITY

Applicable Standard

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

EUT Setup



Test Procedure

According to ANSI C63.10-2013 Section 11.10.2

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

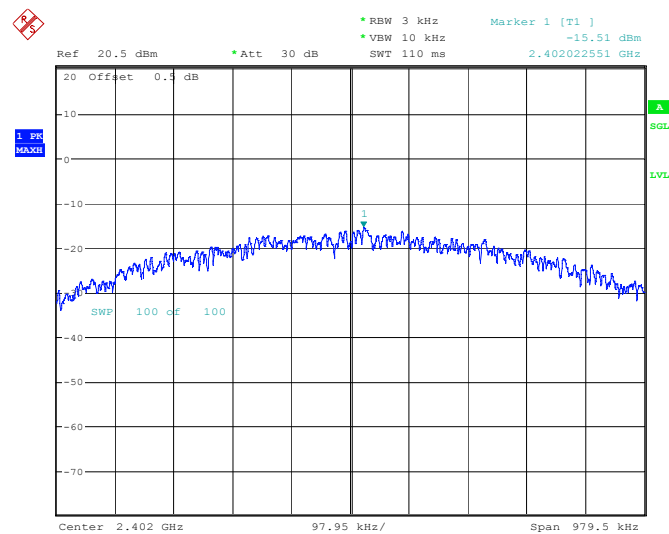
Test Data

For BLE:

Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-11	Test Voltage:	AC120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 25.9℃ Humi.: 60% Atm.: 100.2kPa
Test Modes	Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
BLE 1Mbps	2402	-15.51	≤8.00
	2440	-13.2	≤8.00
	2480	-13.0	≤8.00

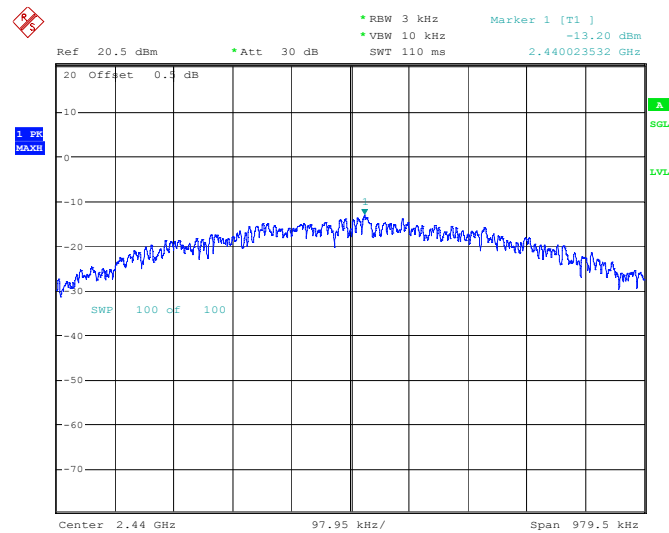
Please refer to below plots:

BLE 1Mbps Low Channel



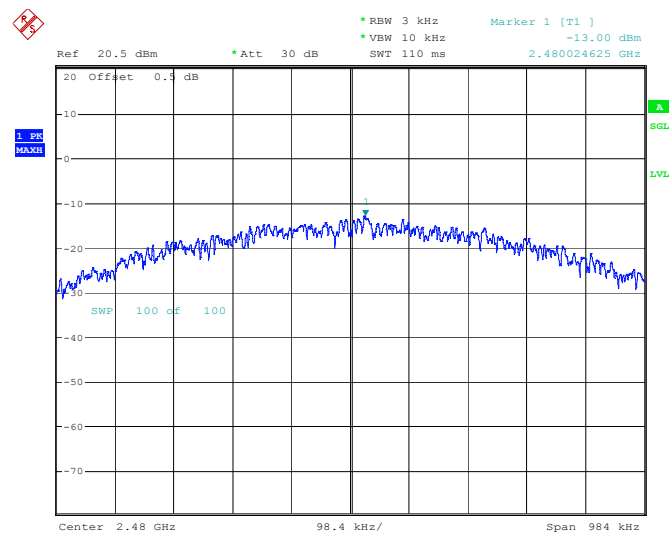
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:31:08

BLE 1Mbps Middle Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:33:46

BLE 1Mbps High Channel



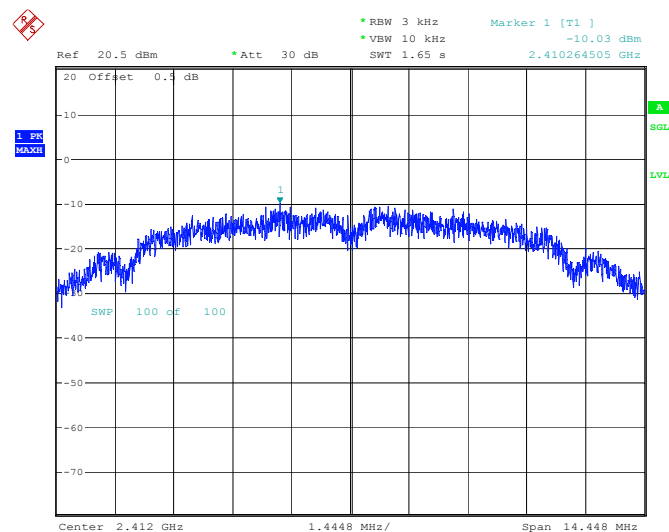
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 11.SEP.2024 13:36:03

For 2.4G WIFI:

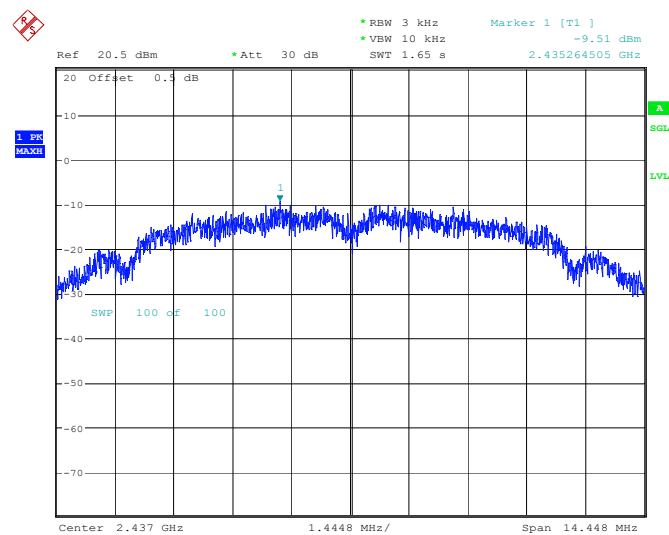
Test Mode:	Transmitting	Test Engineer:	Jason Hu
Test Date:	2024-09-10	Test Voltage:	AC120V/60Hz
Test Result:	Compliance	Environment:	Temp.: 21.6℃ Humi.: 55% Atm.: 100.1kPa
Test Modes	Test Frequency (MHz)	Reading (dBm/3kHz)	Limit (dBm/3kHz)
802.11b	2412	-10.03	8.00
	2437	-9.51	8.00
	2462	-9.81	8.00
802.11g	2412	-20.84	8.00
	2437	-20.33	8.00
	2462	-20.4	8.00
802.11n ht20	2412	-20.54	8.00
	2437	-19.99	8.00
	2462	-20.21	8.00
802.11n ht40	2422	-21.78	8.00
	2437	-21.44	8.00
	2452	-21.46	8.00

Please refer to below plots:

802.11b Mode Low Channel

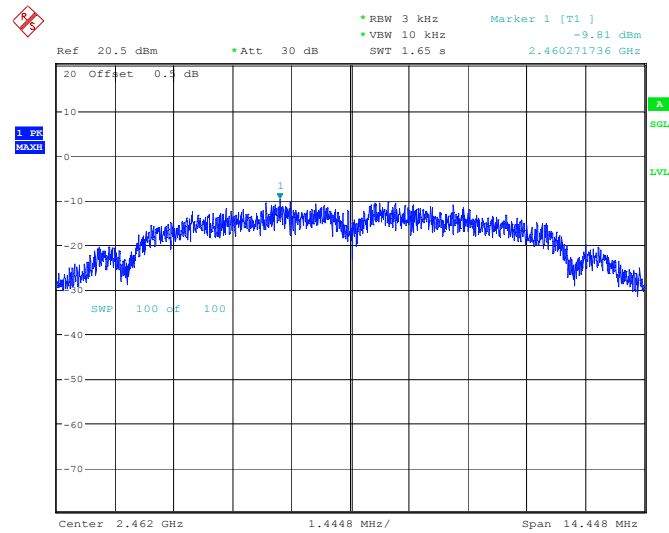


802.11b Mode Middle Channel



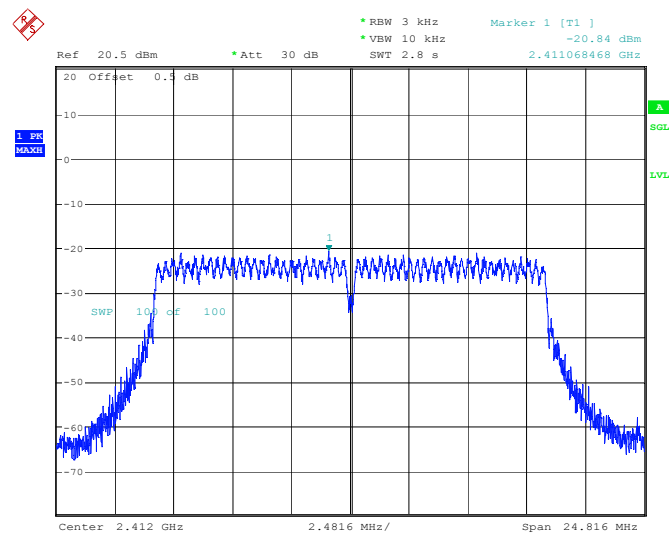
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:12:24

802.11b Mode High Channel



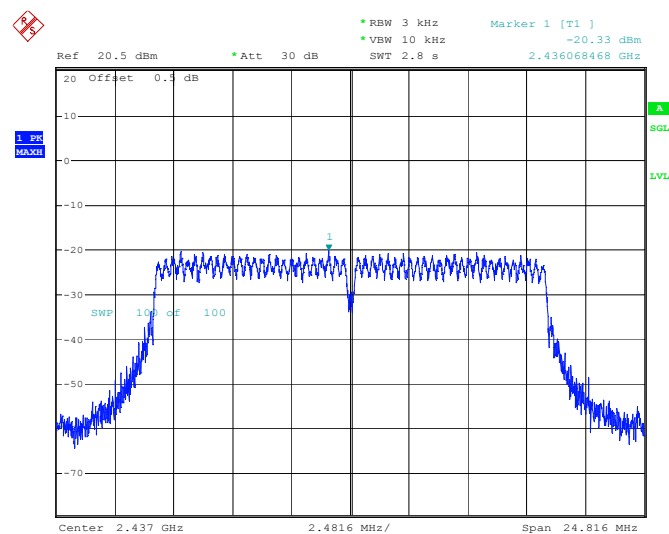
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:16:30

802.11g Mode Low Channel



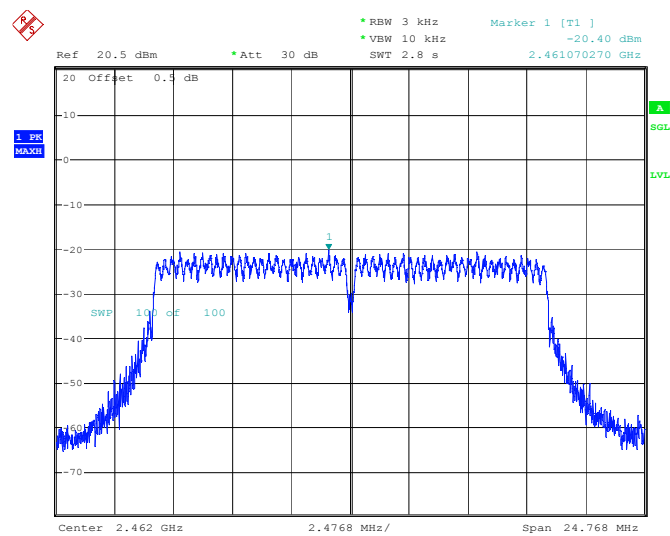
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:21:34

802.11g Mode Middle Channel



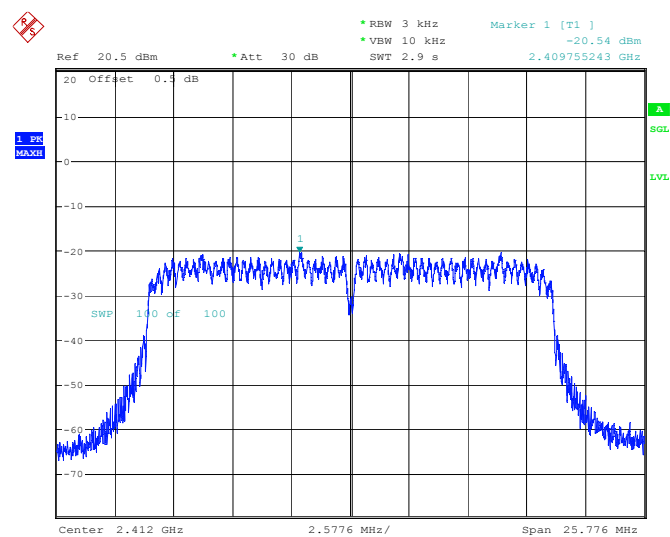
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 17:56:21

802.11g Mode High Channel



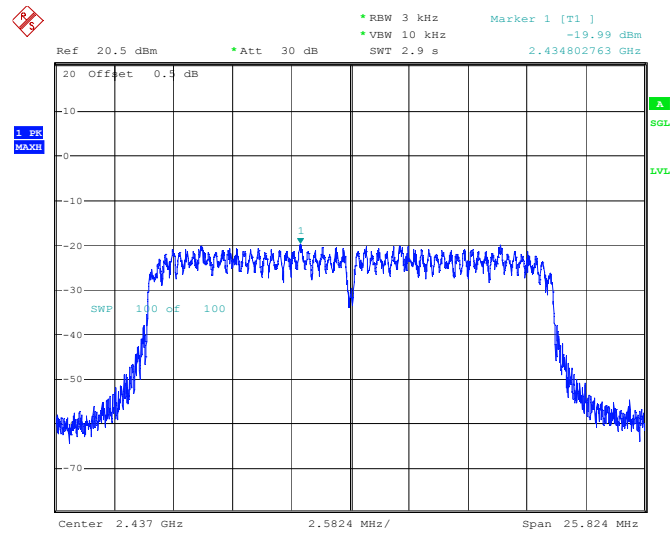
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:01:48

802.11n-ht20 Mode Low Channel



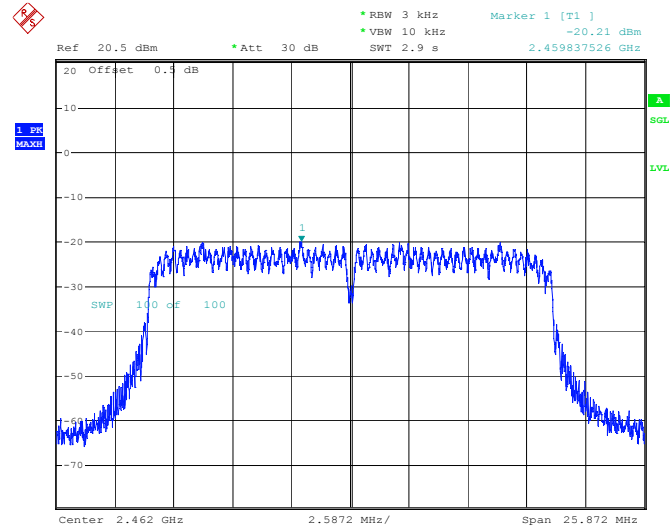
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:10:06

802.11n-ht20 Mode Middle Channel



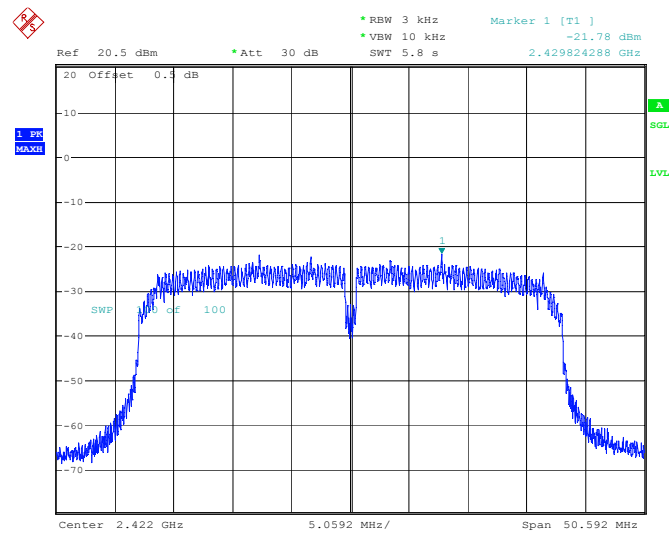
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:18:57

802.11n-ht20 Mode High Channel



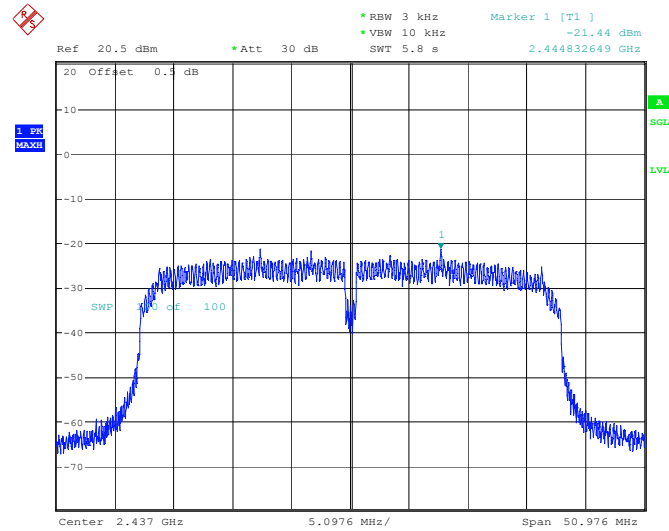
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:24:24

802.11n-ht40 Mode Low Channel



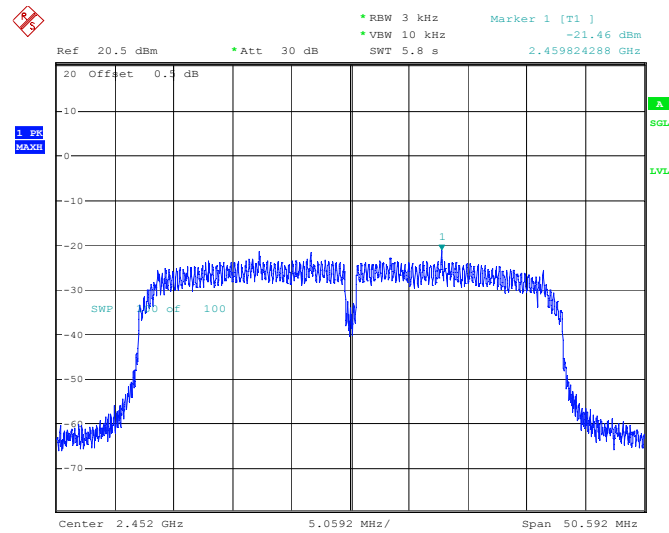
ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:35:26

802.11n-ht40 Mode Middle Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 18:47:40

802.11n-ht40 Mode High Channel



ProjectNo.:2407X32126E-RF Tester:Jason Hu
Date: 10.SEP.2024 19:00:40

EUT PHOTOGRAPHS

Please refer to the attachment 2407X32126E-RF-EXP-01 EUT EXTERNAL PHOTOGRAPHS and 2407X32126E-RF-INP-01 EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2407X32126E-RF-TSP SETUP PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk “★”.
2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.
3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).
6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

******* END OF REPORT *******