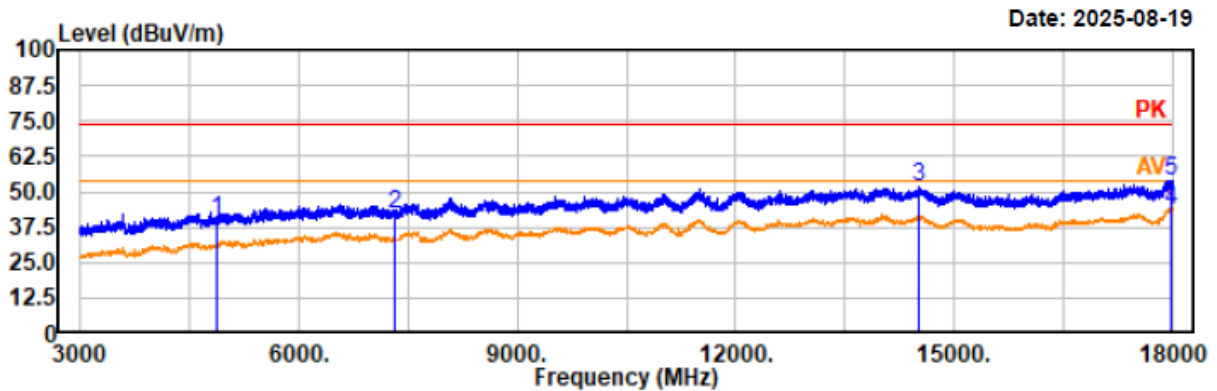


Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2437MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

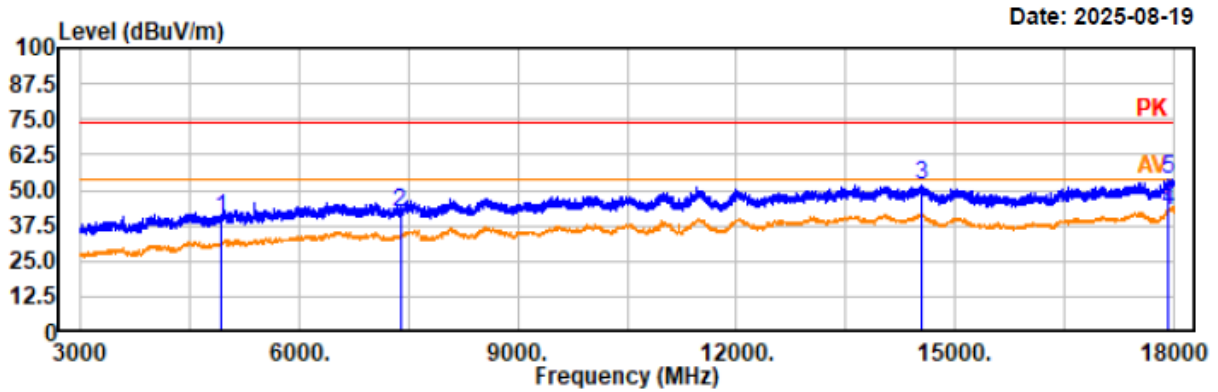
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	45.37	-5.29	40.08	74.00	33.92	vertical	Peak
7311.00	44.45	-2.28	42.17	74.00	31.83	vertical	Peak
14511.00	46.32	5.06	51.38	74.00	22.62	vertical	Peak
17988.00	36.89	6.89	43.78	54.00	10.22	vertical	Average
17988.00	47.14	6.89	54.03	74.00	19.97	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



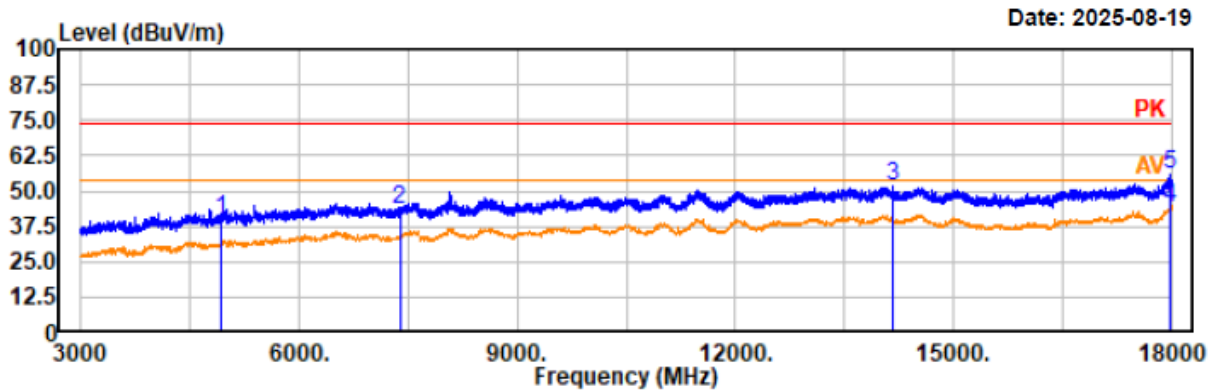
Trace: 1

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
4924.00	44.97	-5.24	39.73	74.00	34.27	horizontal	Peak
7386.00	44.07	-2.15	41.92	74.00	32.08	horizontal	Peak
14550.00	46.86	5.04	51.90	74.00	22.10	horizontal	Peak
17926.50	35.87	6.84	42.71	54.00	11.29	horizontal	Average
17926.50	47.06	6.84	53.90	74.00	20.10	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



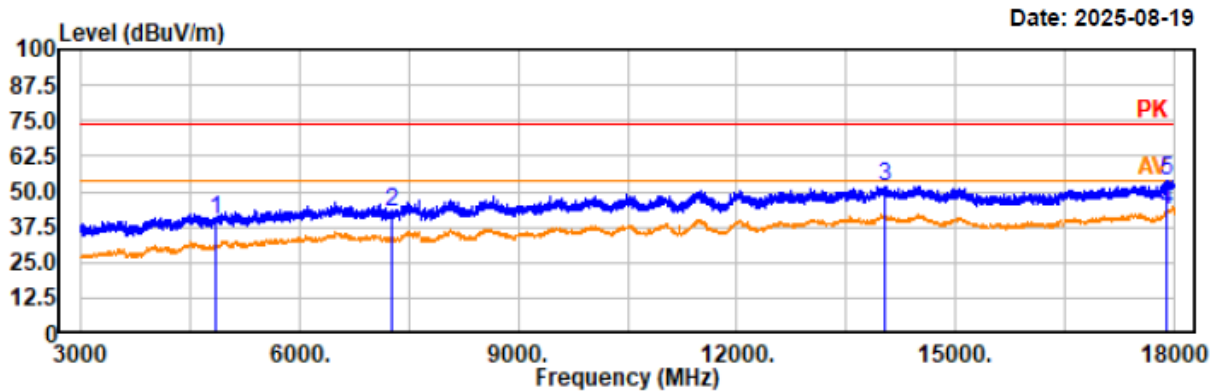
Trace: 1

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
4924.00	45.58	-5.24	40.34	74.00	33.66	vertical	Peak
7386.00	45.27	-2.15	43.12	74.00	30.88	vertical	Peak
14161.50	46.08	5.36	51.44	74.00	22.56	vertical	Peak
17988.00	37.31	6.89	44.20	54.00	9.80	vertical	Average
17988.00	48.79	6.89	55.68	74.00	18.32	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

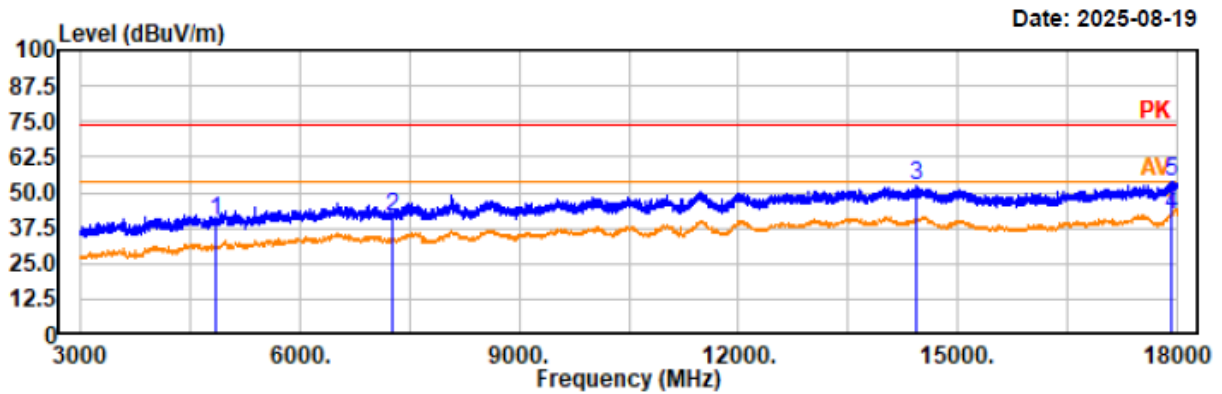
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4844.00	45.09	-5.27	39.82	74.00	34.18	horizontal	Peak
7266.00	45.32	-2.39	42.93	74.00	31.07	horizontal	Peak
14025.00	46.43	5.23	51.66	74.00	22.34	horizontal	Peak
17902.50	36.50	6.81	43.31	54.00	10.69	horizontal	Average
17902.50	46.83	6.81	53.64	74.00	20.36	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

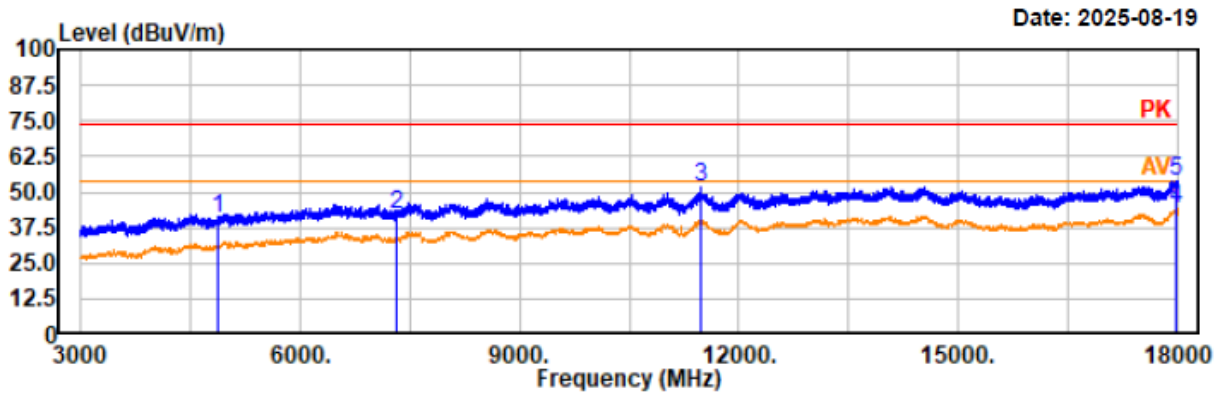
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4844.00	45.54	-5.27	40.27	74.00	33.73	vertical	Peak
7266.00	43.71	-2.39	41.32	74.00	32.68	vertical	Peak
14437.50	47.16	5.18	52.34	74.00	21.66	vertical	Peak
17919.00	35.58	6.82	42.40	54.00	11.60	vertical	Average
17919.00	47.03	6.82	53.85	74.00	20.15	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2437MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

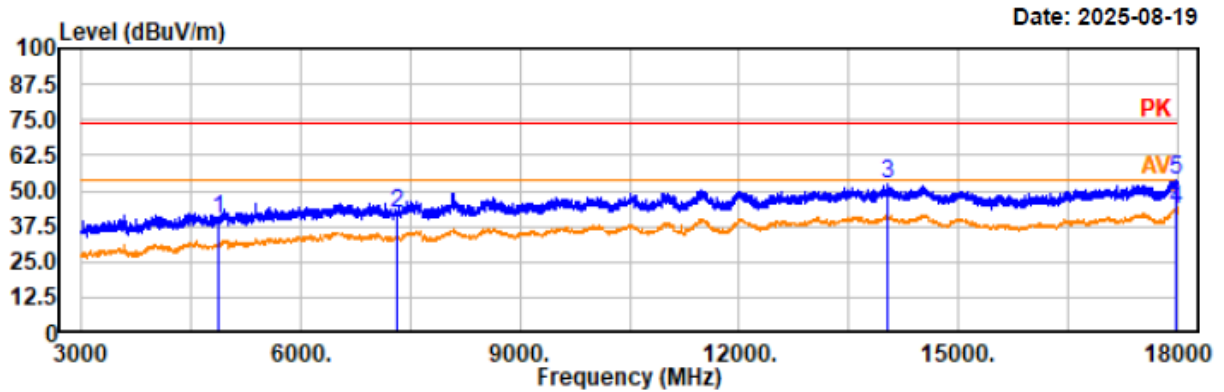
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	46.20	-5.29	40.91	74.00	33.09	horizontal	Peak
7311.00	44.53	-2.28	42.25	74.00	31.75	horizontal	Peak
11488.50	48.55	3.12	51.67	74.00	22.33	horizontal	Peak
17991.00	36.95	6.90	43.85	54.00	10.15	horizontal	Average
17991.00	47.02	6.90	53.92	74.00	20.08	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2437MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

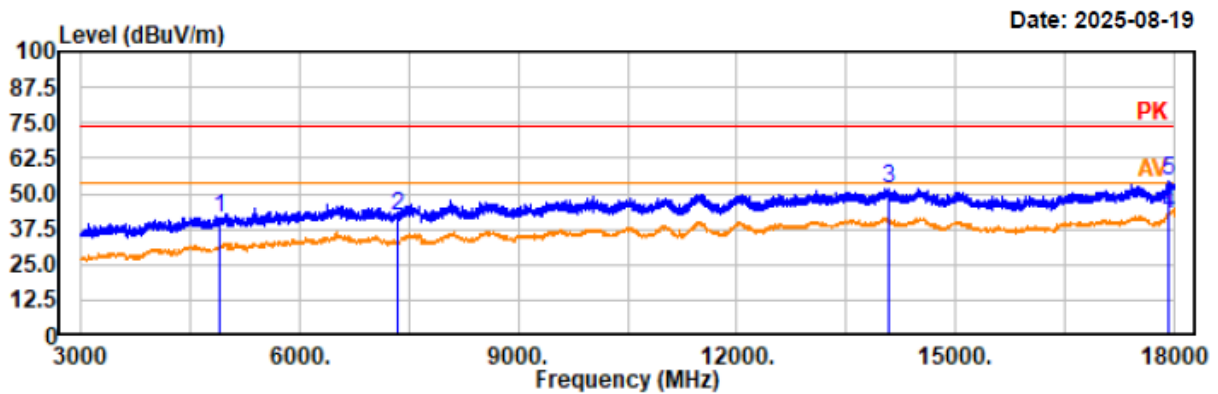
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	45.37	-5.29	40.08	74.00	33.92	vertical	Peak
7311.00	44.06	-2.28	41.78	74.00	32.22	vertical	Peak
14037.00	46.88	5.25	52.13	74.00	21.87	vertical	Peak
17979.00	36.67	6.89	43.56	54.00	10.44	vertical	Average
17979.00	46.62	6.89	53.51	74.00	20.49	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2452MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

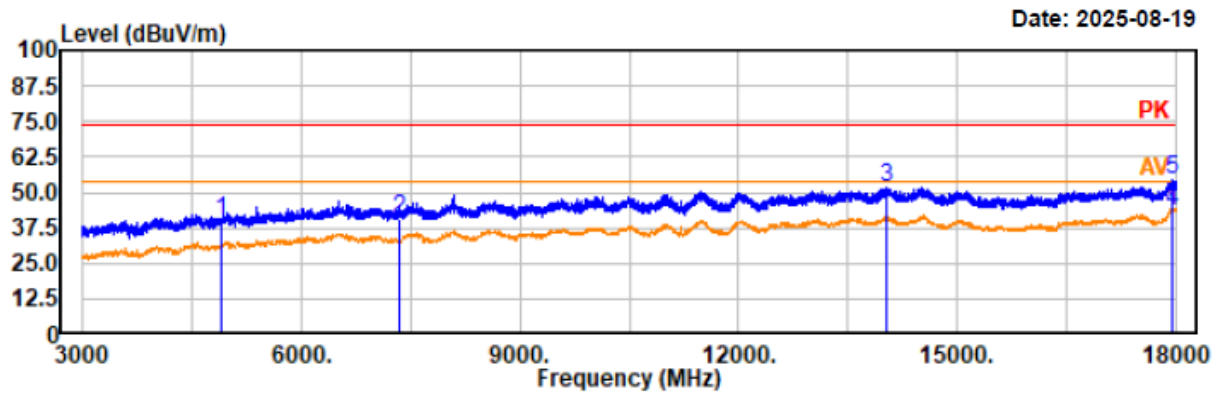
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4904.00	46.35	-5.30	41.05	74.00	32.95	horizontal	Peak
7356.00	44.36	-2.17	42.19	74.00	31.81	horizontal	Peak
14091.00	46.57	5.32	51.89	74.00	22.11	horizontal	Peak
17920.50	35.78	6.83	42.61	54.00	11.39	horizontal	Average
17920.50	47.40	6.83	54.23	74.00	19.77	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2452MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

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

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

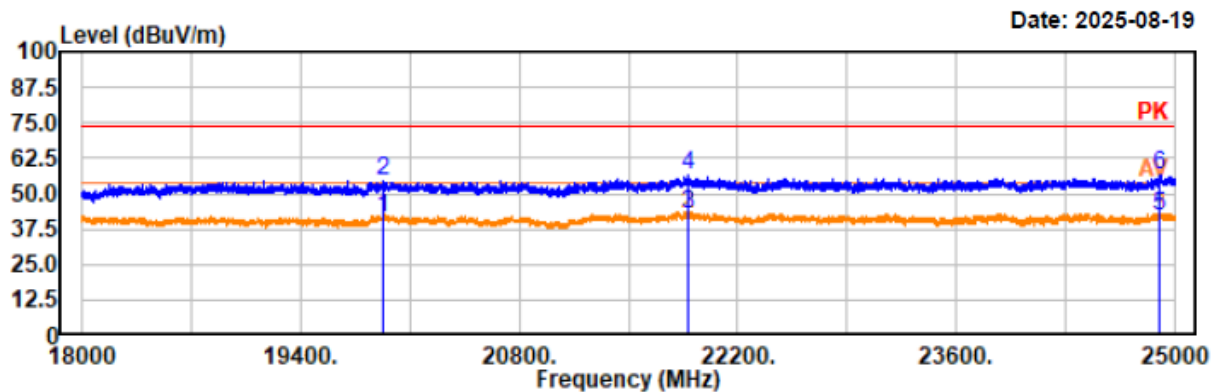
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4904.00	45.55	-5.30	40.25	74.00	33.75	vertical	Peak
7356.00	43.05	-2.17	40.88	74.00	33.12	vertical	Peak
14023.50	46.56	5.23	51.79	74.00	22.21	vertical	Peak
17940.00	36.52	6.84	43.36	54.00	10.64	vertical	Average
17940.00	47.67	6.84	54.51	74.00	19.49	vertical	Peak

5) Above 18GHz**For BLE:**

Note: The maximum output power mode: BLE 1Mbps high channel was tested.

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2480MHz
EUT Model: SNM927
Test distance: 1.5m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

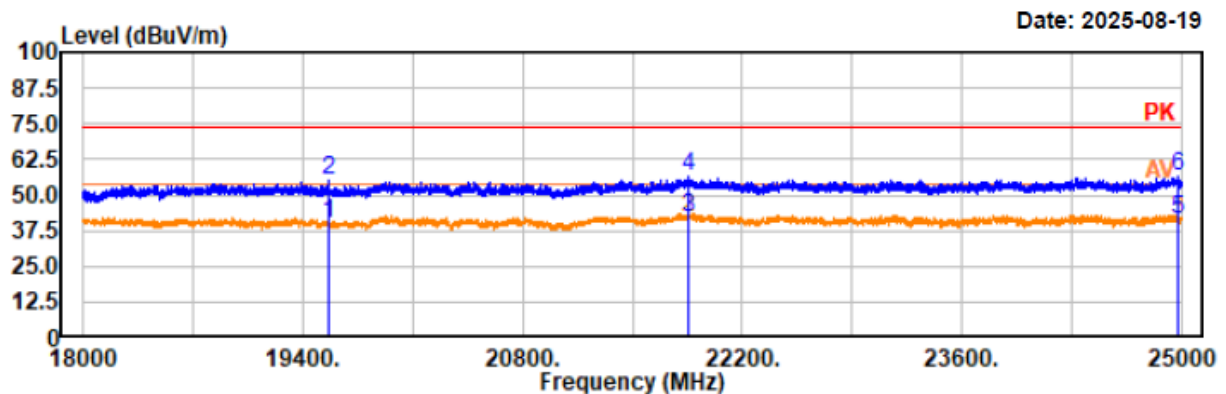
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
19923.55	38.17	3.48	41.65	54.00	12.35	horizontal	Average
19923.55	51.18	3.48	54.66	74.00	19.34	horizontal	Peak
21877.70	37.26	5.24	42.50	54.00	11.50	horizontal	Average
21877.70	51.17	5.24	56.41	74.00	17.59	horizontal	Peak
24896.90	35.45	6.31	41.76	54.00	12.24	horizontal	Average
24896.90	50.32	6.31	56.63	74.00	17.37	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2480MHz
EUT Model: SNM927
Test distance: 1.5m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

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

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

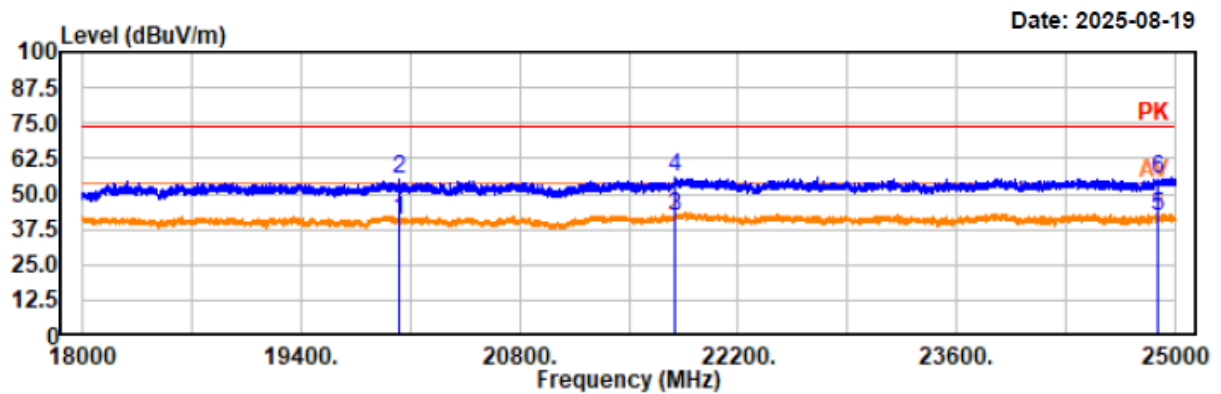
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
19563.15	36.64	3.26	39.90	54.00	14.10	vertical	Average
19563.15	51.92	3.26	55.18	74.00	18.82	vertical	Peak
21855.60	37.03	5.06	42.09	54.00	11.91	vertical	Average
21855.60	51.66	5.06	56.72	74.00	17.28	vertical	Peak
24979.35	35.17	6.32	41.49	54.00	12.51	vertical	Average
24979.35	50.23	6.32	56.55	74.00	17.45	vertical	Peak

For 2.4G WIFI:

Note: The maximum output power mode: Wifi 802.11b low channel was tested.

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2412MHz
EUT Model: SNM927
Test distance: 1.5m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

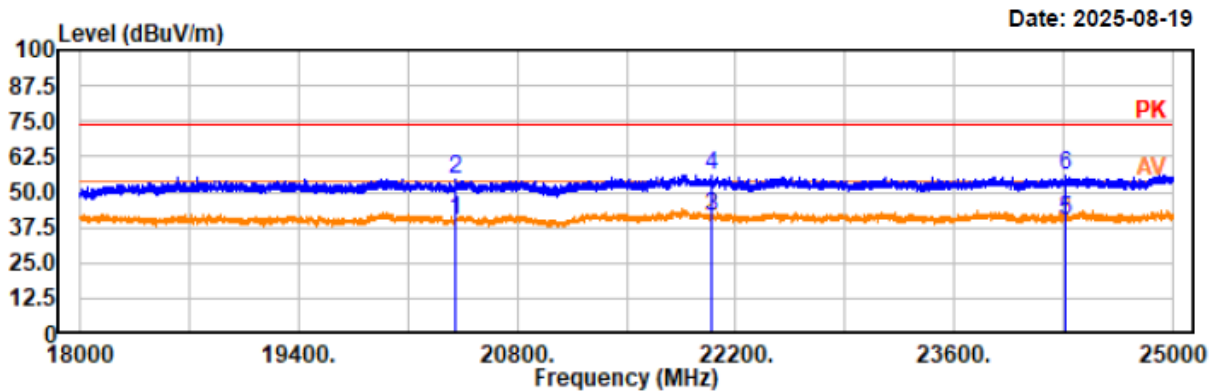
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
20028.10	37.06	3.57	40.63	54.00	13.37	horizontal	Average
20028.10	51.27	3.57	54.84	74.00	19.16	horizontal	Peak
21796.10	36.82	4.98	41.80	54.00	12.20	horizontal	Average
21796.10	51.04	4.98	56.02	74.00	17.98	horizontal	Peak
24885.00	35.55	6.30	41.85	54.00	12.15	horizontal	Average
24885.00	49.21	6.30	55.51	74.00	18.49	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2412MHz
EUT Model: SNM927
Test distance: 1.5m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

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

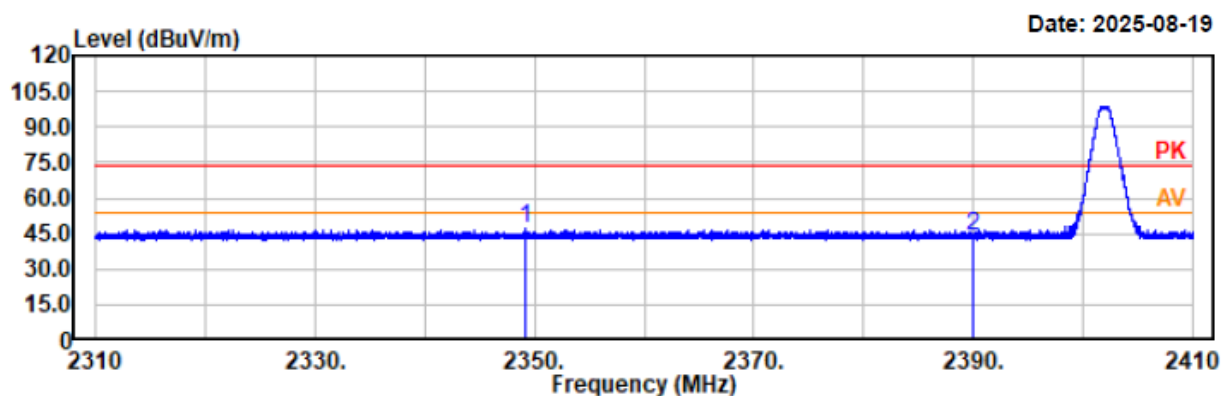
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
20402.95	36.04	4.21	40.25	54.00	13.75	vertical	Average
20402.95	50.50	4.21	54.71	74.00	19.29	vertical	Peak
22051.10	36.32	5.12	41.44	54.00	12.56	vertical	Average
22051.10	50.87	5.12	55.99	74.00	18.01	vertical	Peak
24310.40	34.37	5.95	40.32	54.00	13.68	vertical	Average
24310.40	49.92	5.95	55.87	74.00	18.13	vertical	Peak

Restricted Bands Emissions:**For BLE:**

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2402MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

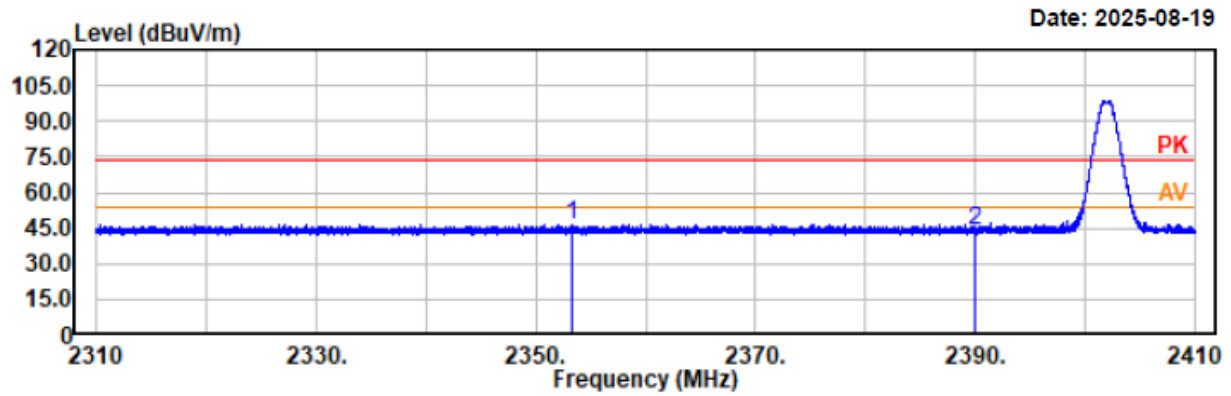


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2349.24	48.41	-1.31	47.10	74.00	26.90	horizontal	Peak
2390.01	44.97	-1.16	43.81	74.00	30.19	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2402MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

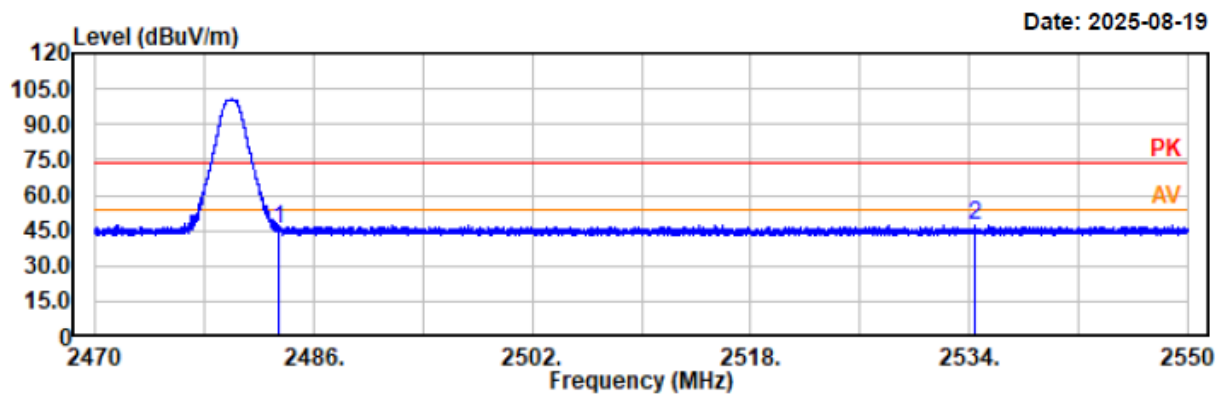


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2353.35	47.72	-1.31	46.41	74.00	27.59	vertical	Peak
2390.01	45.21	-1.16	44.05	74.00	29.95	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2480MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

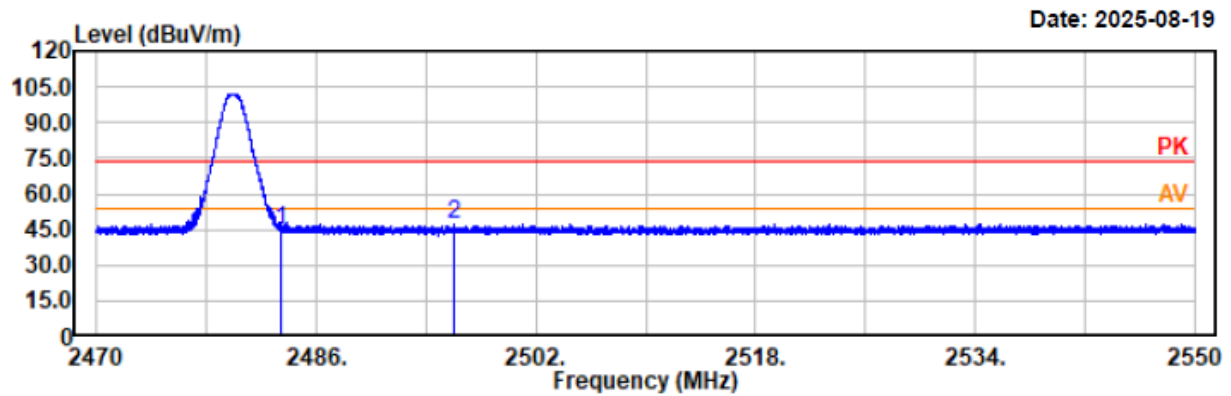


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.99	-0.77	45.22	74.00	28.78	horizontal	Peak
2534.38	47.91	-0.63	47.28	74.00	26.72	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 1M 2480MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

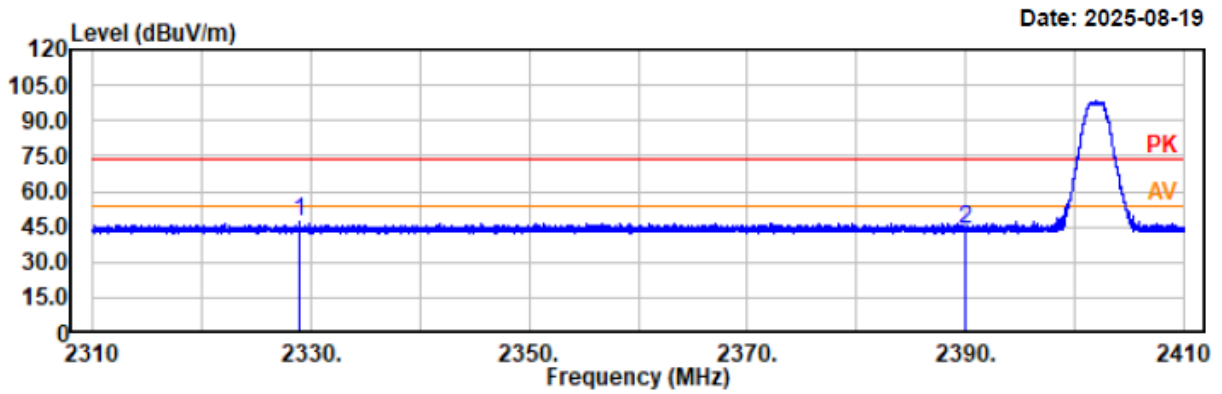


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	45.71	-0.77	44.94	74.00	29.06	vertical	Peak
2496.06	48.00	-0.72	47.28	74.00	26.72	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 2M 2402MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

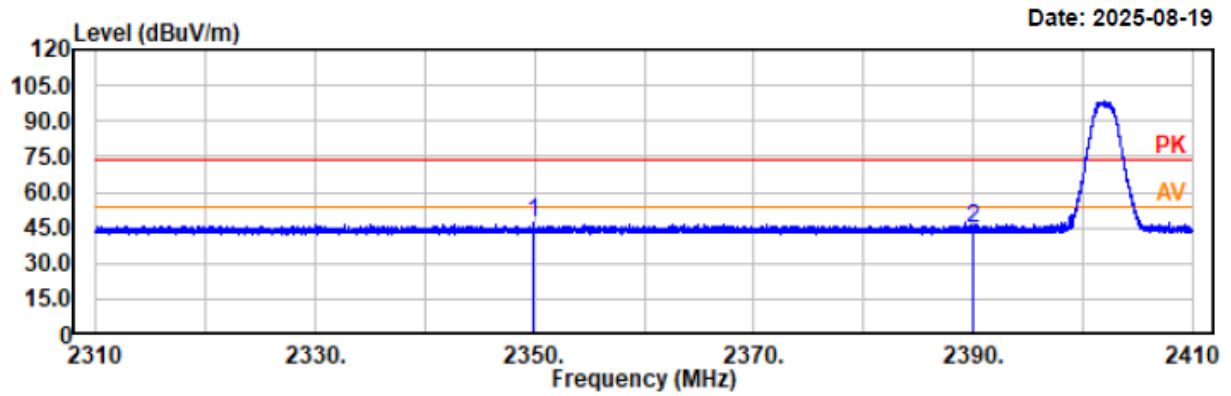


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
2329.03	48.51	-1.36	47.15	74.00	26.85	horizontal	Peak
2390.01	44.70	-1.16	43.54	74.00	30.46	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 2M 2402MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

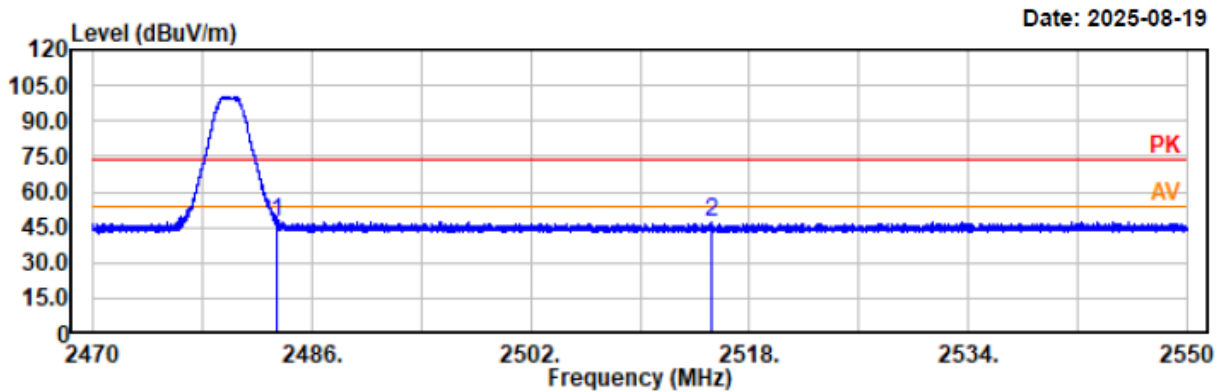


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2349.92	48.50	-1.31	47.19	74.00	26.81	vertical	Peak
2390.01	45.44	-1.16	44.28	74.00	29.72	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 2M 2480MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

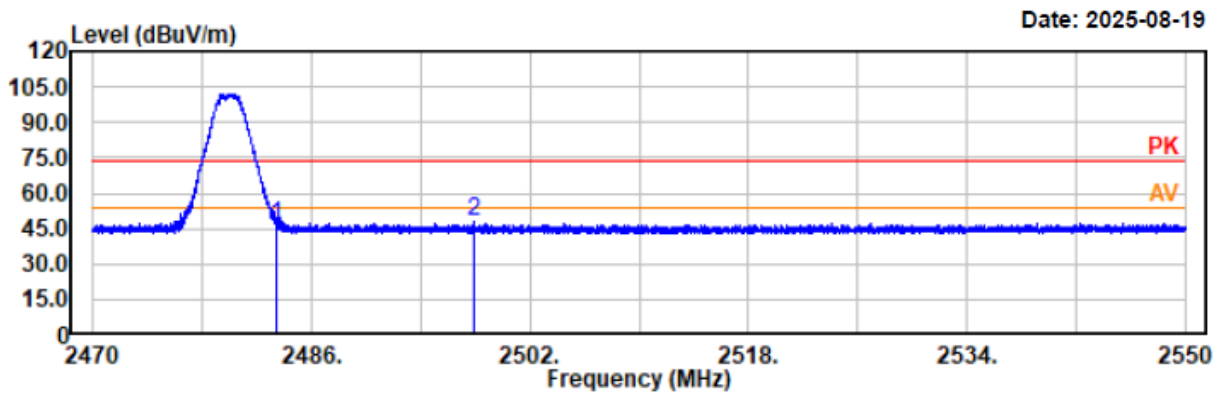


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	47.73	-0.77	46.96	74.00	27.04	horizontal	Peak
2515.28	47.69	-0.67	47.02	74.00	26.98	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: BLE 2M 2480MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



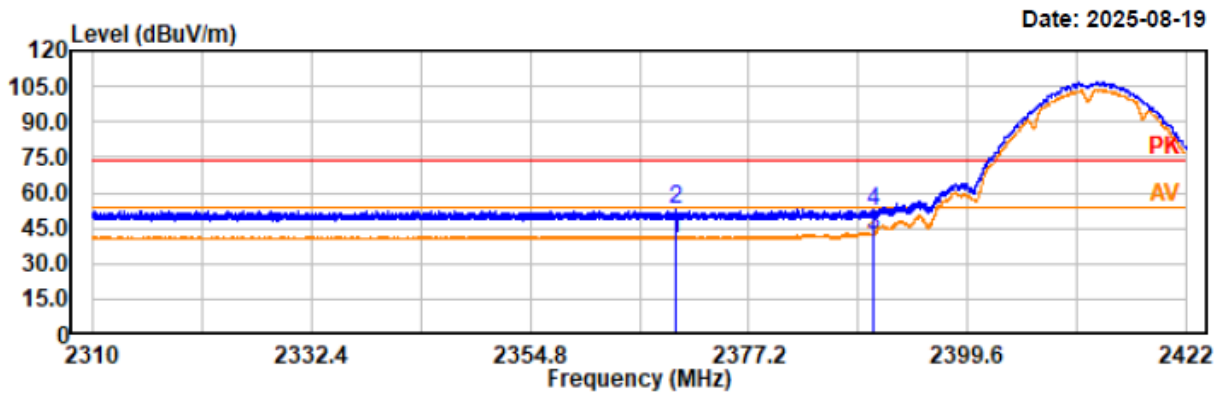
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2483.50	46.74	-0.77	45.97	74.00	28.03	vertical	Peak
2497.86	48.44	-0.71	47.73	74.00	26.27	vertical	Peak

For 2.4G WIFI:

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

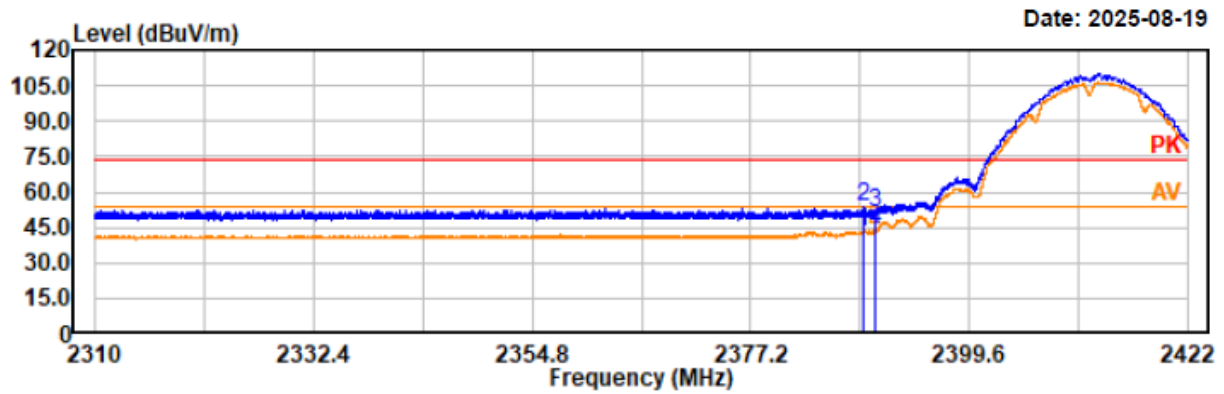
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2369.63	36.01	4.77	40.78	54.00	13.22	horizontal	Average
2369.63	47.91	4.77	52.68	74.00	21.32	horizontal	Peak
2390.00	37.78	4.84	42.62	54.00	11.38	horizontal	Average
2390.00	46.94	4.84	51.78	74.00	22.22	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

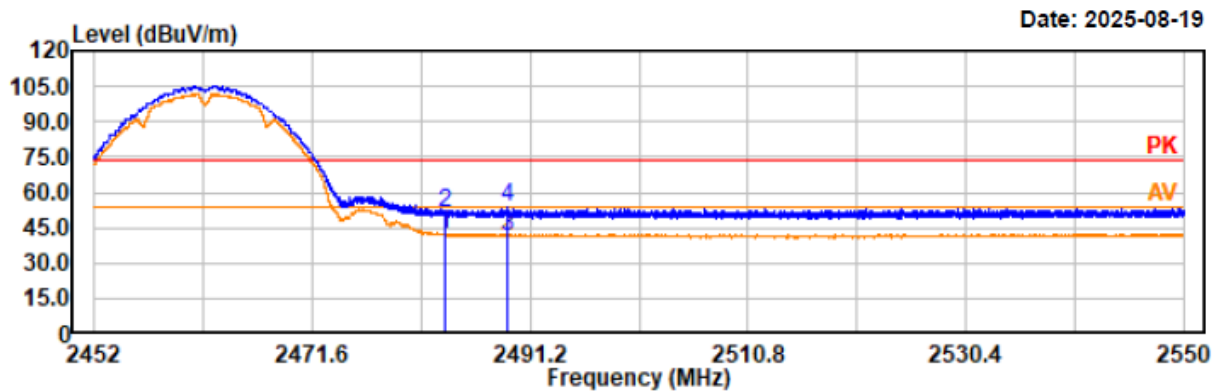
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2388.73	38.19	4.84	43.03	54.00	10.97	vertical	Average
2388.73	48.63	4.84	53.47	74.00	20.53	vertical	Peak
2390.00	46.29	4.85	51.14	74.00	22.86	vertical	Peak
2390.00	38.71	4.84	43.55	54.00	10.45	vertical	Average

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

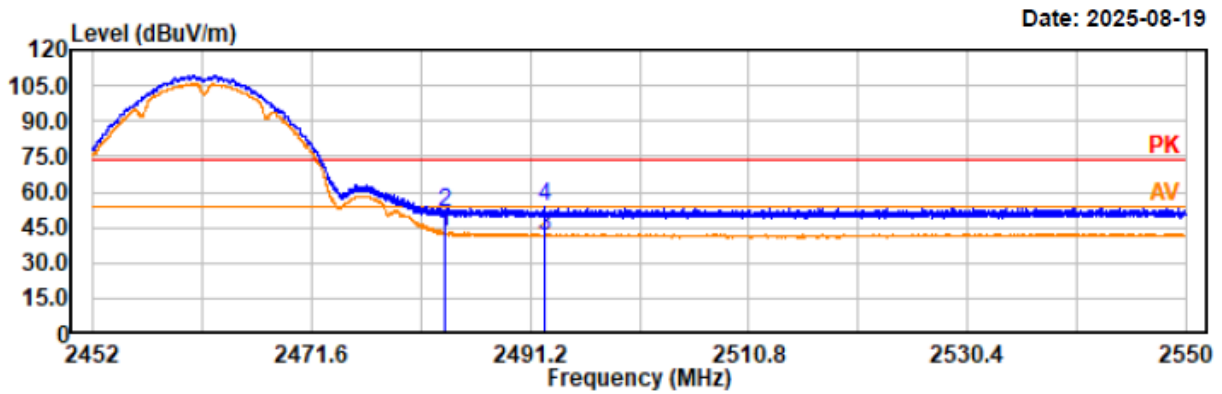
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	36.85	5.23	42.08	54.00	11.92	horizontal	Average
2483.50	46.33	5.23	51.56	74.00	22.44	horizontal	Peak
2489.17	36.38	5.25	41.63	54.00	12.37	horizontal	Average
2489.17	48.32	5.25	53.57	74.00	20.43	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11b 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

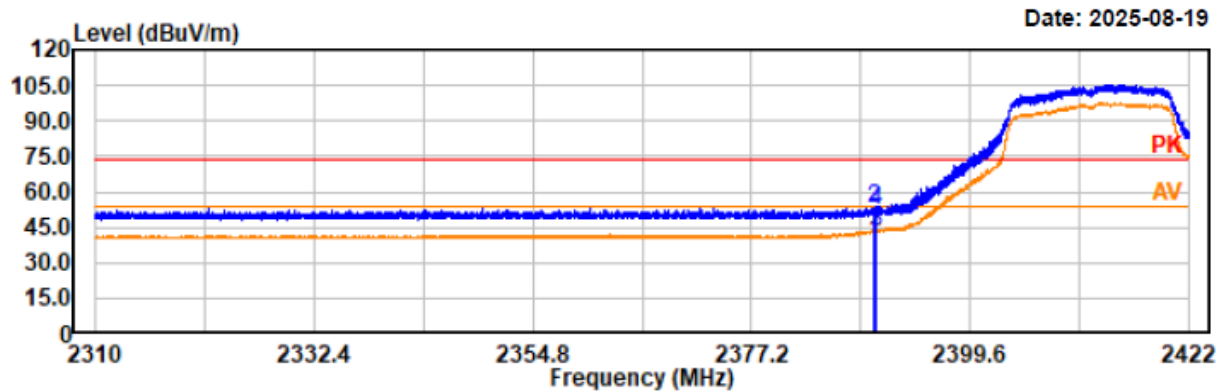
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	37.56	5.23	42.79	54.00	11.21	vertical	Average
2483.50	46.37	5.23	51.60	74.00	22.40	vertical	Peak
2492.48	36.16	5.27	41.43	54.00	12.57	vertical	Average
2492.48	48.48	5.27	53.75	74.00	20.25	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11g 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



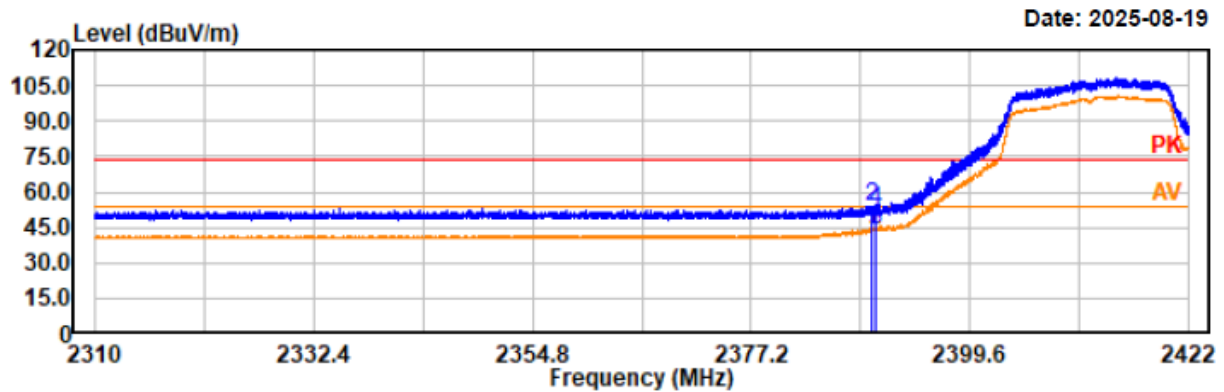
Trace: 1

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
2389.69	38.15	4.85	43.00	54.00	11.00	horizontal	Average
2389.69	48.34	4.85	53.19	74.00	20.81	horizontal	Peak
2390.00	38.13	4.84	42.97	54.00	11.03	horizontal	Average
2390.00	47.08	4.84	51.92	74.00	22.08	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11g 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



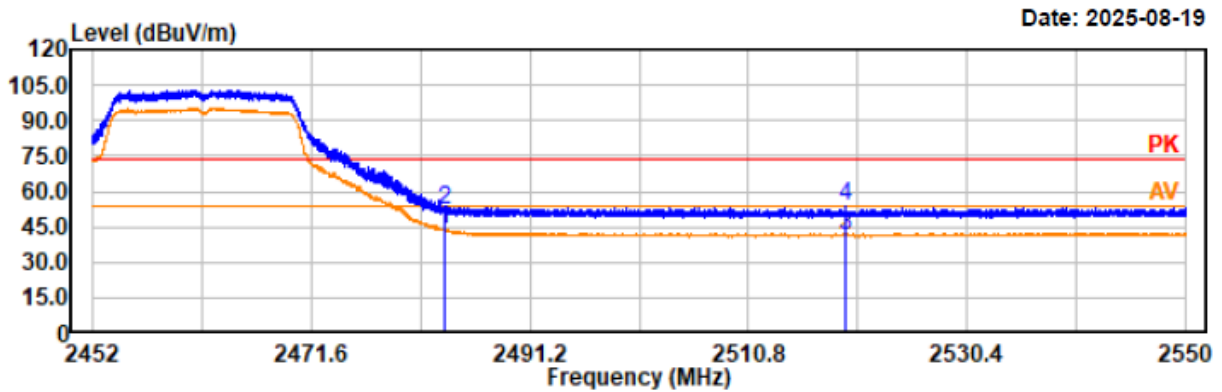
Trace: 1

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
2389.51	39.42	4.85	44.27	54.00	9.73	vertical	Average
2389.51	48.98	4.85	53.83	74.00	20.17	vertical	Peak
2390.00	39.05	4.84	43.89	54.00	10.11	vertical	Average
2390.00	47.06	4.84	51.90	74.00	22.10	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11g 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

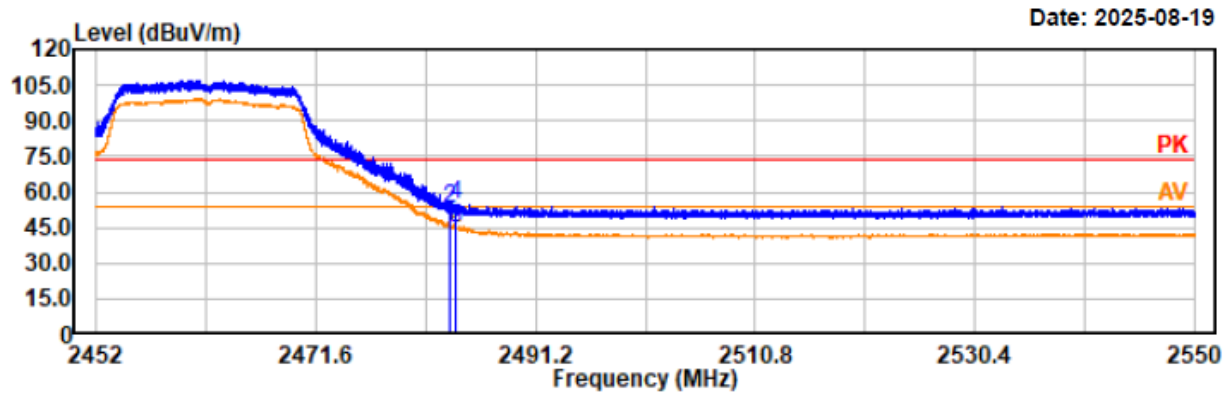
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	38.93	5.23	44.16	54.00	9.84	horizontal	Average
2483.50	47.29	5.23	52.52	74.00	21.48	horizontal	Peak
2519.45	36.10	5.34	41.44	54.00	12.56	horizontal	Average
2519.45	48.79	5.34	54.13	74.00	19.87	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11g 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



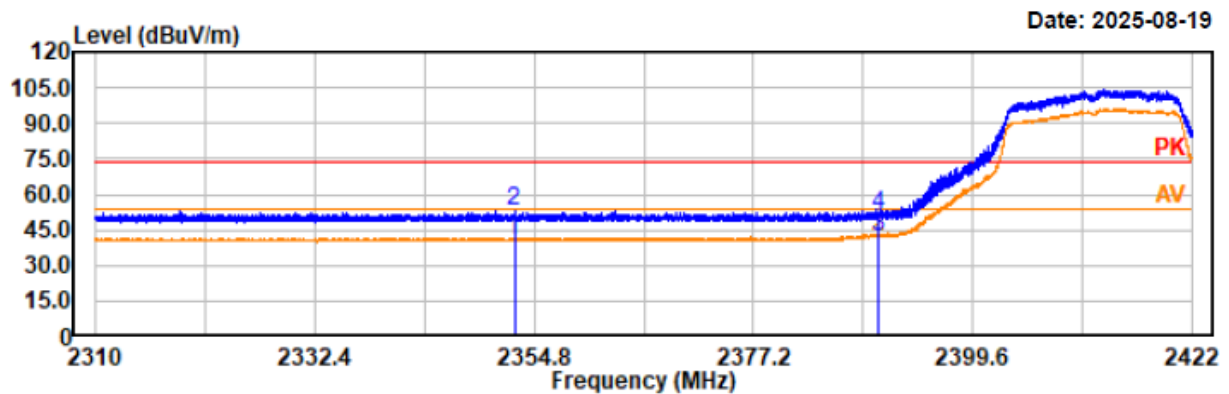
Trace: 1

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	40.91	5.23	46.14	54.00	7.86	vertical	Average
2483.50	48.04	5.23	53.27	74.00	20.73	vertical	Peak
2484.02	39.22	5.24	44.46	54.00	9.54	vertical	Average
2484.02	49.52	5.24	54.76	74.00	19.24	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

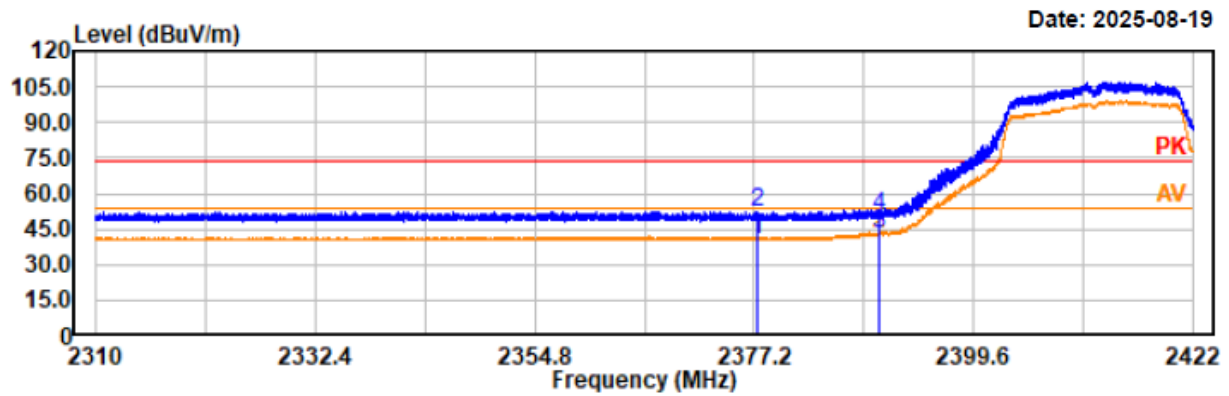
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2352.77	36.10	4.69	40.79	54.00	13.21	horizontal	Average
2352.77	48.21	4.69	52.90	74.00	21.10	horizontal	Peak
2390.00	37.64	4.84	42.48	54.00	11.52	horizontal	Average
2390.00	46.55	4.84	51.39	74.00	22.61	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2412MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



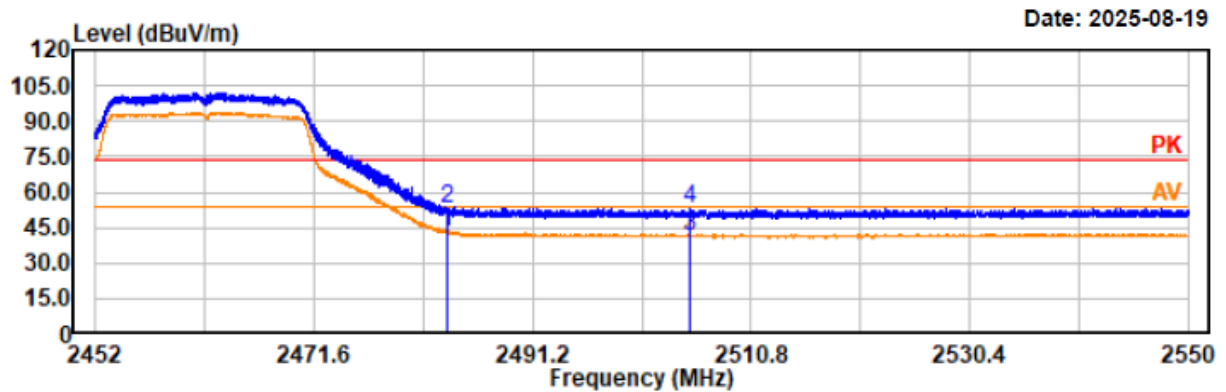
Trace: 1

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
2377.57	36.10	4.79	40.89	54.00	13.11	vertical	Average
2377.57	47.73	4.79	52.52	74.00	21.48	vertical	Peak
2390.00	38.24	4.84	43.08	54.00	10.92	vertical	Average
2390.00	45.37	4.84	50.21	74.00	23.79	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



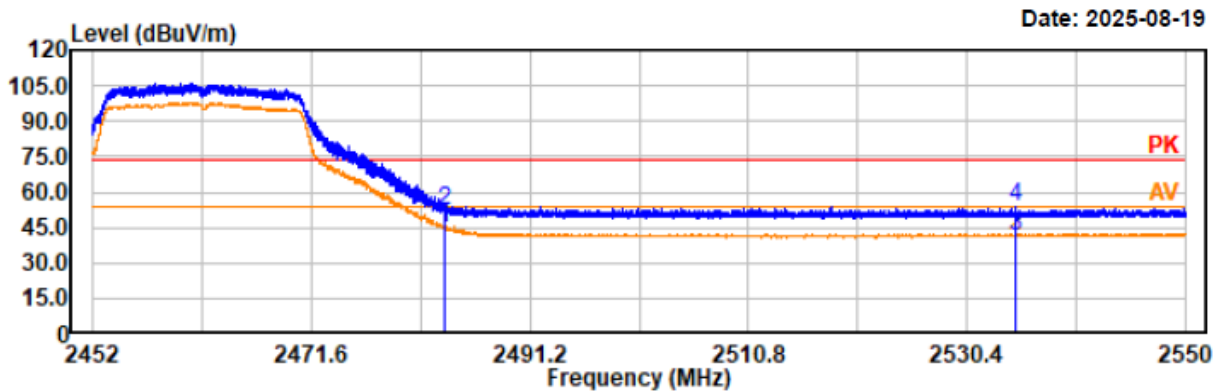
Trace: 1

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	37.45	5.23	42.68	54.00	11.32	horizontal	Average
2483.50	48.04	5.23	53.27	74.00	20.73	horizontal	Peak
2505.38	35.77	5.31	41.08	54.00	12.92	horizontal	Average
2505.38	48.06	5.31	53.37	74.00	20.63	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n20 2462MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

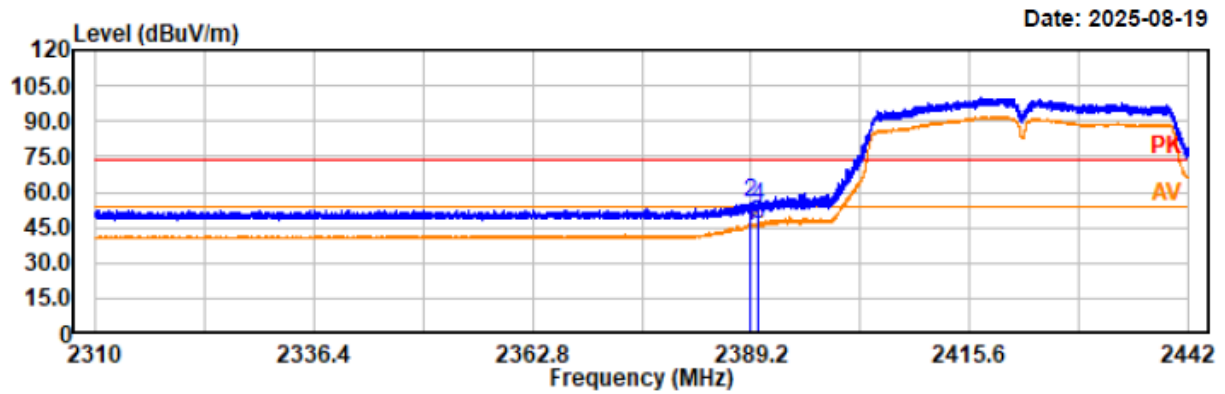
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	39.73	5.23	44.96	54.00	9.04	vertical	Average
2483.50	47.17	5.23	52.40	74.00	21.60	vertical	Peak
2534.78	36.15	5.37	41.52	54.00	12.48	vertical	Average
2534.78	48.49	5.37	53.86	74.00	20.14	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

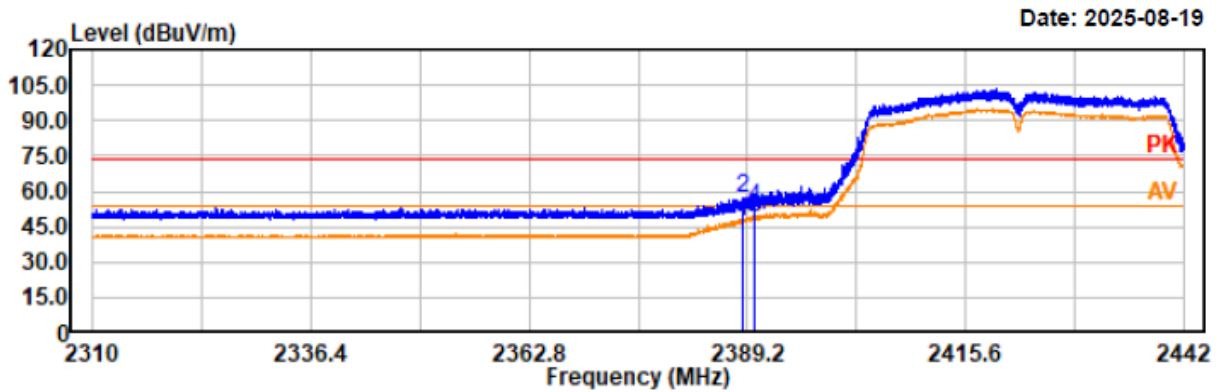
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
2389.16	40.60	4.85	45.45	54.00	8.55	horizontal	Average
2389.16	51.00	4.85	55.85	74.00	18.15	horizontal	Peak
2390.01	41.58	4.84	46.42	54.00	7.58	horizontal	Average
2390.01	48.58	4.84	53.42	74.00	20.58	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

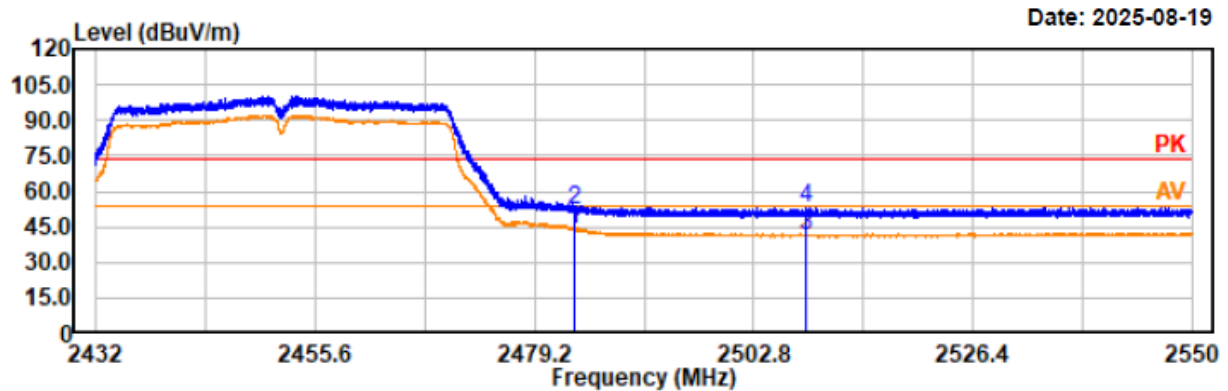
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2388.66	42.28	4.84	47.12	54.00	6.88	vertical	Average
2388.66	51.91	4.84	56.75	74.00	17.25	vertical	Peak
2390.01	44.37	4.84	49.21	54.00	4.79	vertical	Average
2390.01	48.16	4.84	53.00	74.00	21.00	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2452MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

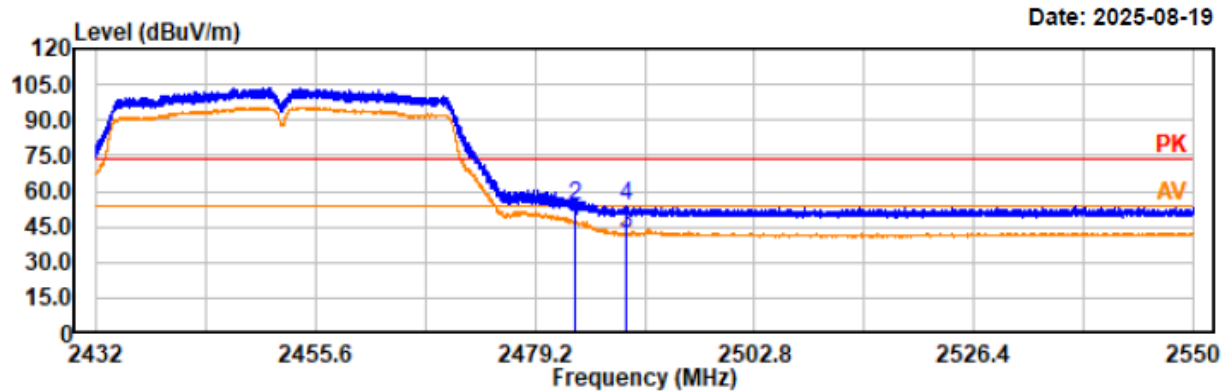
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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	38.89	5.23	44.12	54.00	9.88	horizontal	Average
2483.50	47.12	5.23	52.35	74.00	21.65	horizontal	Peak
2508.39	36.18	5.32	41.50	54.00	12.50	horizontal	Average
2508.39	48.05	5.32	53.37	74.00	20.63	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11n40 2452MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/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	42.13	5.23	47.36	54.00	6.64	vertical	Average
2483.50	48.93	5.23	54.16	74.00	19.84	vertical	Peak
2489.08	37.10	5.25	42.35	54.00	11.65	vertical	Average
2489.08	48.50	5.25	53.75	74.00	20.25	vertical	Peak

FCC §15.247(b) (3) & RSS-247 ISSUE 3 Clause 5.4 d) –SOPT CHECK MAXIMUM CONDUCTED OUTPUT POWER

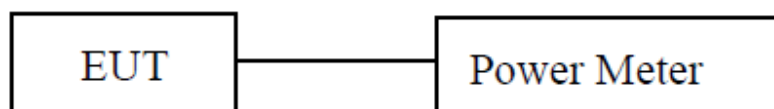
Applicable Standard

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.

According to RSS-247 Clause 5.4 d, for DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W. The e.i.r.p. shall not exceed 4 W, except as provided in section 5.4(e).

As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power. The maximum conducted output power is the total transmit power delivered to all antennas and antenna elements, averaged across all symbols in the signalling 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 transmitting at a reduced power level. If multiple modes of operation are implemented, the maximum conducted output power is the highest total transmit power occurring in any mode.

EUT Setup



Test Procedure

According to ANSI C63.10-2020 + Cor.1-2023 11.9.2.3.2 Method AVGPM-G

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Test Data***For BLE:***

Test Mode:	Transmitting	Test Engineer:	Braylon Ma
Test Date:	2025-08-18	Test Voltage:	DC 3.8V
Test Result:	Compliance	Environment:	Temp.: 25.1°C Humi.: 61% Atm :100.1kPa
Test Modes	Test Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Limit (dBm)
BLE 1Mbps	2402	-0.05	≤30
	2440	-0.16	≤30
	2480	1.53	≤30
Antenna gain(dBi):	4.55	Max.EIRP(dBm):	6.08
EIRP Limit for RSS-247:36 dBm			

For WIFI:

Test Mode:	Transmitting	Test Engineer:	Braylon Ma
Test Date:	2025-08-18	Test Voltage:	DC 3.8V
Test Result:	Compliance	Environment:	Temp.: 25.1°C Humi.: 61% Atm :100.1kPa
Test Modes	Test Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Limit (dBm)
802.11b	2412	18.42	30
	2437	17.96	30
	2462	18.21	30
Antenna gain(dBi):	4.55	Max.EIRP(dBm):	22.97
EIRP Limit for RSS-247:36 dBm			

EUT PHOTOGRAPHS

Please refer to the attachment 2507W73938E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2507W73938E-RF-INP EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2507W73938E-RF-TSP TEST 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 *******