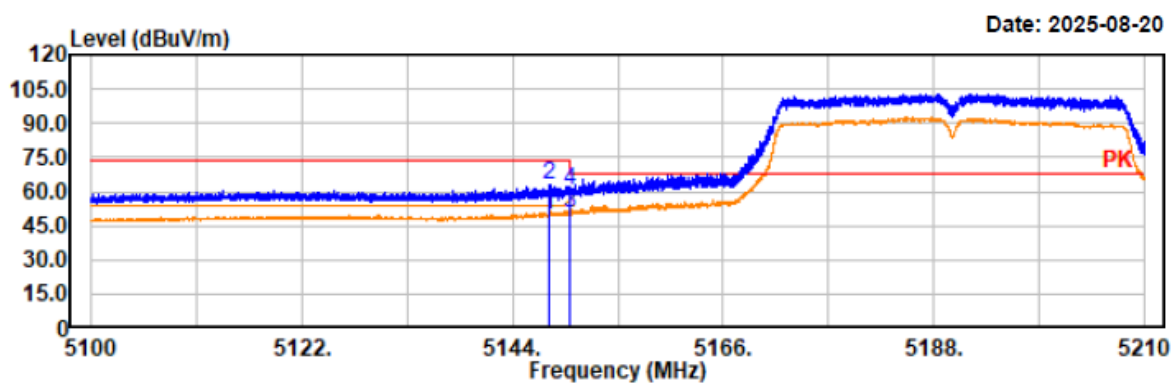


Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5190MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

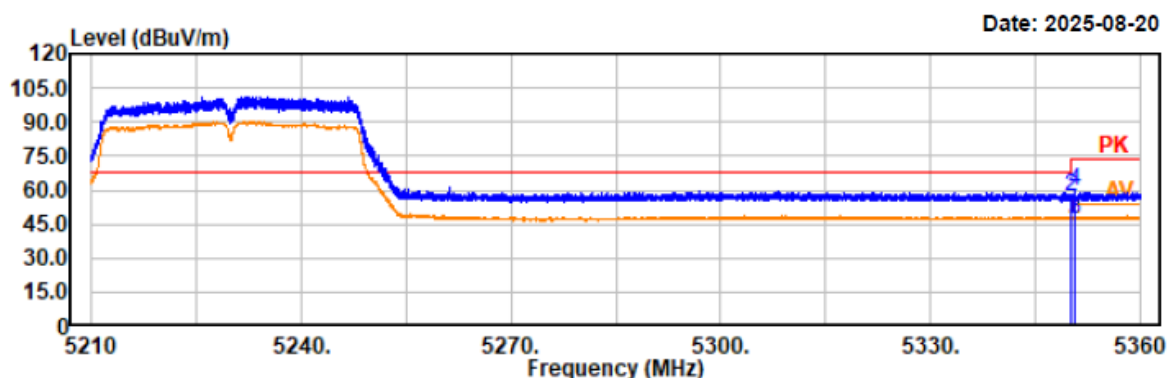
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5147.77	38.30	11.17	49.47	54.00	4.53	vertical	Average
5147.77	51.41	11.17	62.58	74.00	11.42	vertical	Peak
5150.00	39.48	11.17	50.65	54.00	3.35	vertical	Average
5150.00	49.12	11.17	60.29	74.00	13.71	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5230MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

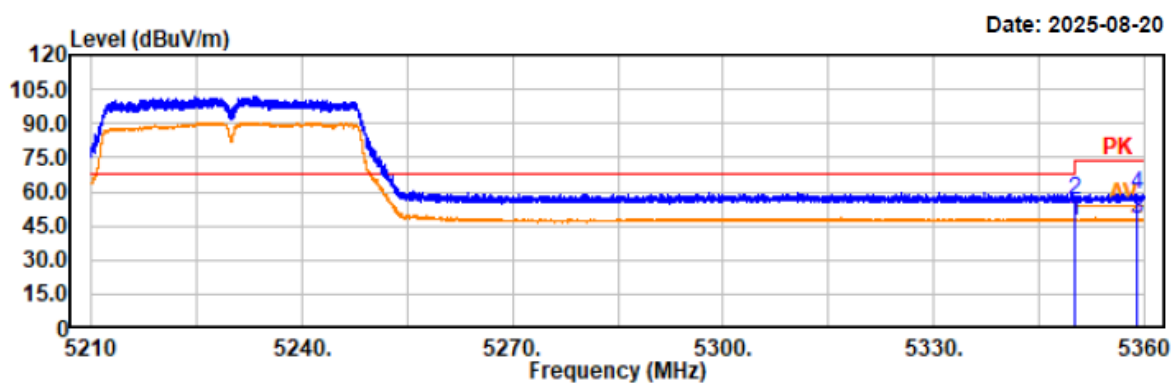
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.00	35.94	11.51	47.45	54.00	6.55	horizontal	Average
5350.00	45.34	11.51	56.85	74.00	17.15	horizontal	Peak
5350.61	35.78	11.51	47.29	54.00	6.71	horizontal	Average
5350.61	47.98	11.51	59.49	74.00	14.51	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5230MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

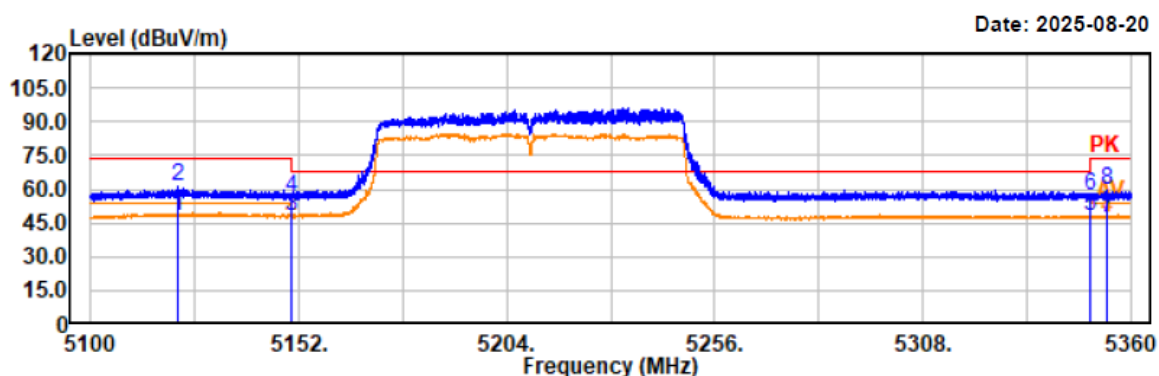
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.00	35.81	11.51	47.32	54.00	6.68	vertical	Average
5350.00	45.14	11.51	56.65	74.00	17.35	vertical	Peak
5359.09	36.37	11.52	47.89	54.00	6.11	vertical	Average
5359.09	47.51	11.52	59.03	74.00	14.97	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5210MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

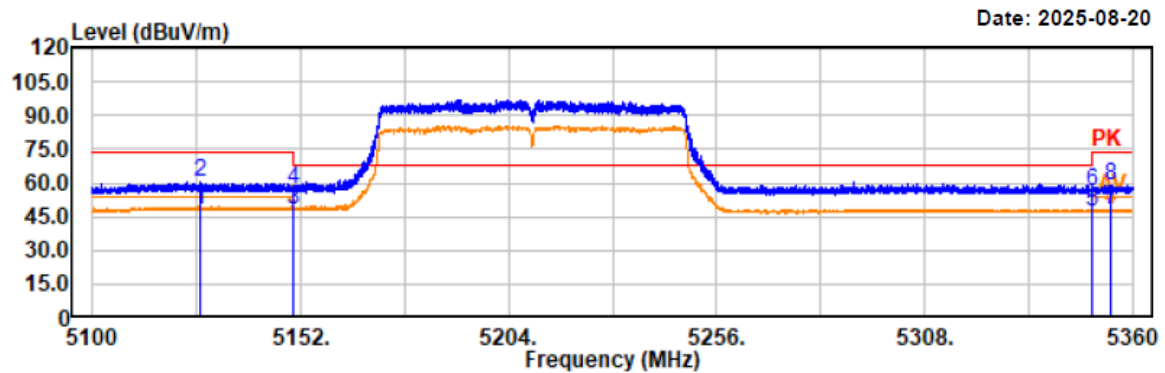
**Trace: 1**

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
5121.81	36.81	11.12	47.93	54.00	6.07	horizontal	Average
5121.81	50.09	11.12	61.21	74.00	12.79	horizontal	Peak
5150.00	36.77	11.17	47.94	54.00	6.06	horizontal	Average
5150.00	45.01	11.17	56.18	74.00	17.82	horizontal	Peak
5350.00	36.13	11.51	47.64	54.00	6.36	horizontal	Average
5350.00	45.53	11.51	57.04	74.00	16.96	horizontal	Peak
5354.05	36.04	11.52	47.56	54.00	6.44	horizontal	Average
5354.05	48.19	11.52	59.71	74.00	14.29	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5210MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

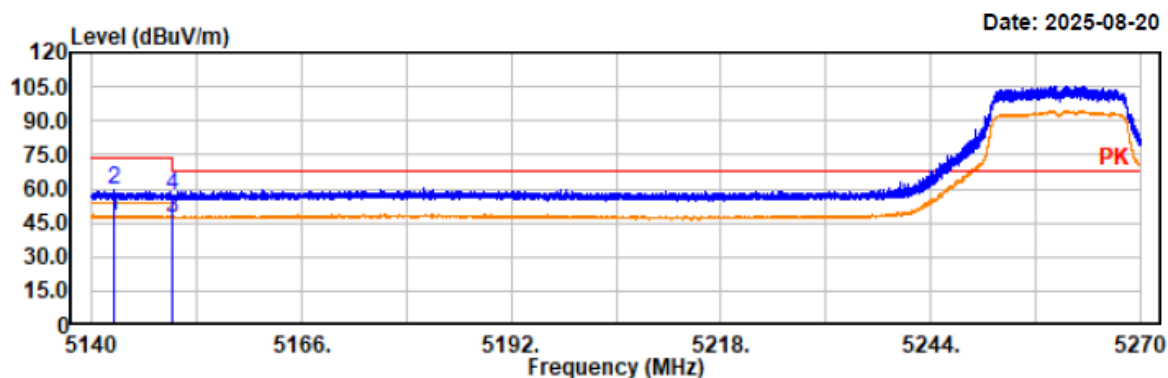
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
5126.88	36.79	11.13	47.92	54.00	6.08	vertical	Average
5126.88	49.45	11.13	60.58	74.00	13.42	vertical	Peak
5150.00	36.77	11.17	47.94	54.00	6.06	vertical	Average
5150.00	46.13	11.17	57.30	74.00	16.70	vertical	Peak
5350.00	35.87	11.51	47.38	54.00	6.62	vertical	Average
5350.00	44.63	11.51	56.14	74.00	17.86	vertical	Peak
5354.54	36.48	11.51	47.99	54.00	6.01	vertical	Average
5354.54	47.51	11.51	59.02	74.00	14.98	vertical	Peak

Band 2:

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5260MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



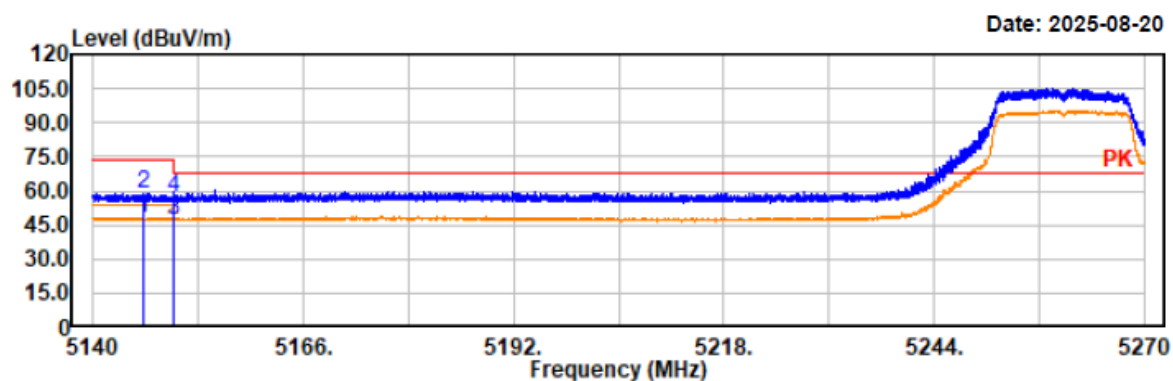
Trace: 1

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
5142.70	36.48	11.17	47.65	54.00	6.35	horizontal	Average
5142.70	48.28	11.17	59.45	74.00	14.55	horizontal	Peak
5149.98	36.05	11.17	47.22	54.00	6.78	horizontal	Average
5149.98	45.57	11.17	56.74	74.00	17.26	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5260MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

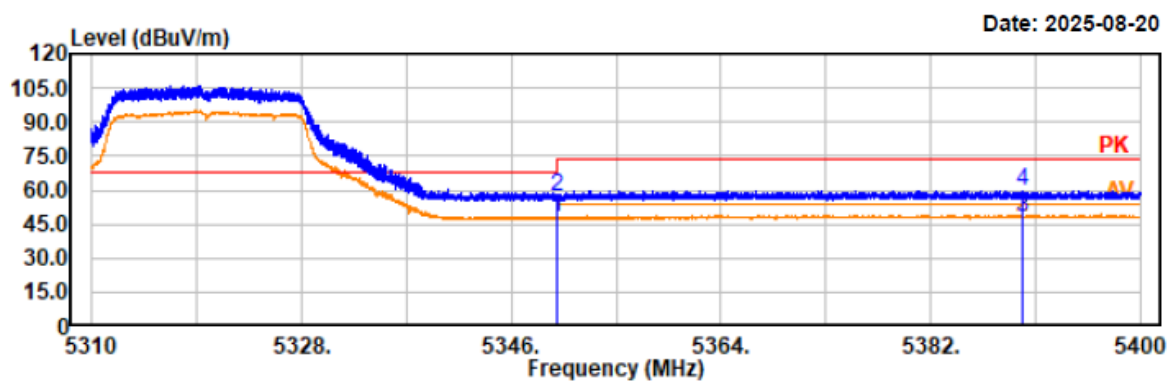
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5146.32	36.44	11.16	47.60	54.00	6.40	vertical	Average
5146.32	47.62	11.16	58.78	74.00	15.22	vertical	Peak
5149.98	35.99	11.17	47.16	54.00	6.84	vertical	Average
5149.98	45.59	11.17	56.76	74.00	17.24	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5320MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

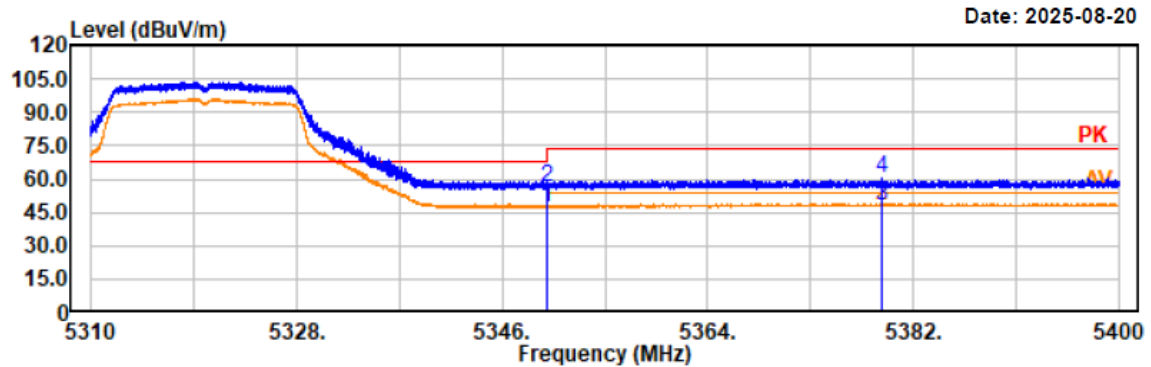
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.01	36.15	11.51	47.66	54.00	6.34	horizontal	Average
5350.01	45.47	11.51	56.98	74.00	17.02	horizontal	Peak
5389.90	36.35	11.58	47.93	54.00	6.07	horizontal	Average
5389.90	48.08	11.58	59.66	74.00	14.34	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5320MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



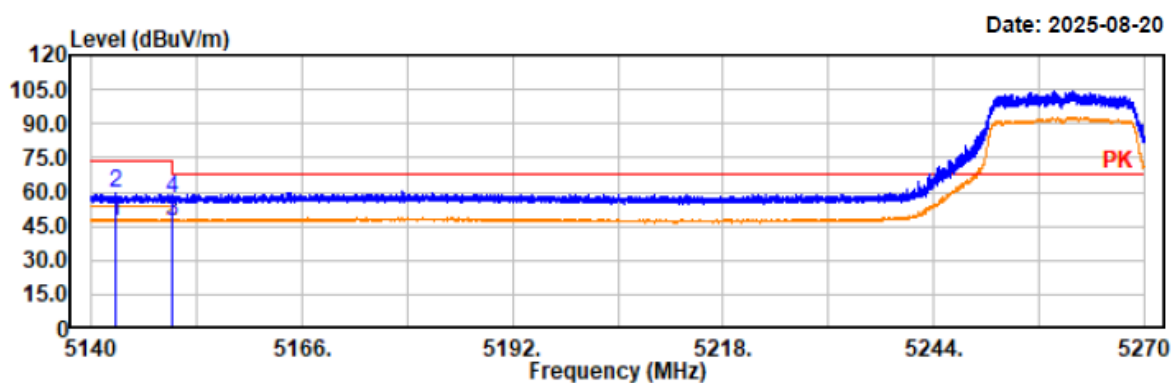
Trace: 1

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
5350.01	35.75	11.51	47.26	54.00	6.74	vertical	Average
5350.01	45.12	11.51	56.63	74.00	17.37	vertical	Peak
5379.28	36.28	11.56	47.84	54.00	6.16	vertical	Average
5379.28	49.00	11.56	60.56	74.00	13.44	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5260MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

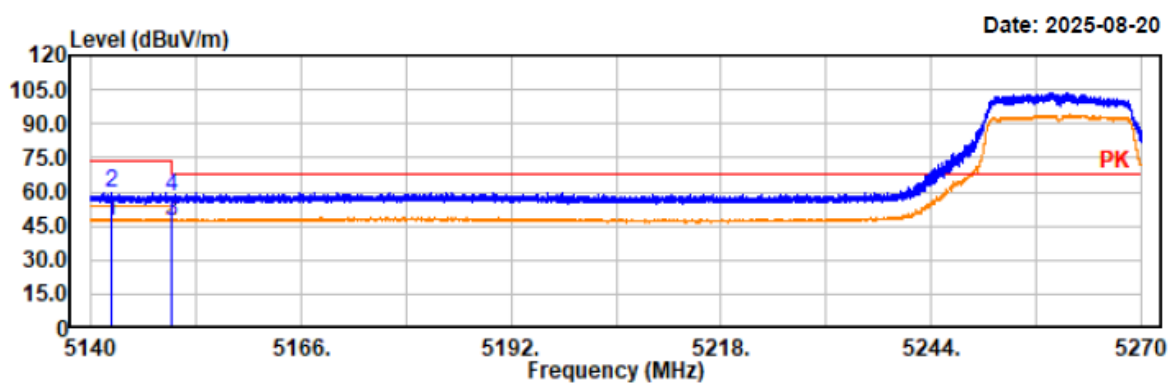
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5143.07	36.42	11.17	47.59	54.00	6.41	horizontal	Average
5143.07	48.21	11.17	59.38	74.00	14.62	horizontal	Peak
5149.98	35.99	11.17	47.16	54.00	6.84	horizontal	Average
5149.98	45.68	11.17	56.85	74.00	17.15	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5260MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

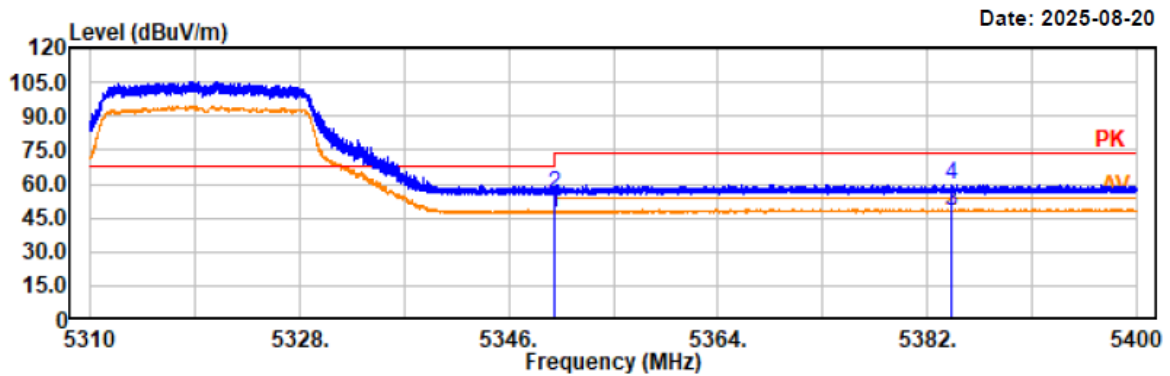
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5142.63	36.31	11.17	47.48	54.00	6.52	vertical	Average
5142.63	48.47	11.17	59.64	74.00	14.36	vertical	Peak
5149.98	36.09	11.17	47.26	54.00	6.74	vertical	Average
5149.98	46.54	11.17	57.71	74.00	16.29	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5320MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

**Trace: 1**

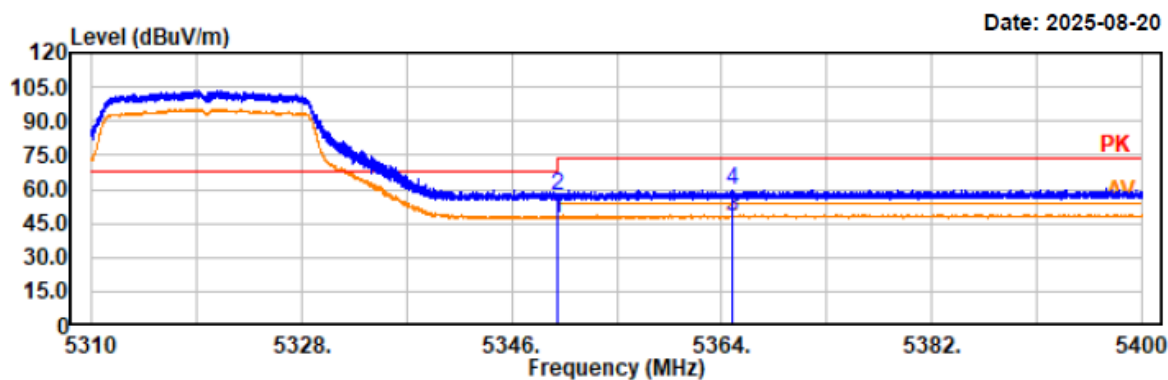
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.01	36.00	11.51	47.51	54.00	6.49	horizontal	Average
5350.01	44.35	11.51	55.86	74.00	18.14	horizontal	Peak
5384.15	36.16	11.57	47.73	54.00	6.27	horizontal	Average
5384.15	48.30	11.57	59.87	74.00	14.13	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5320MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

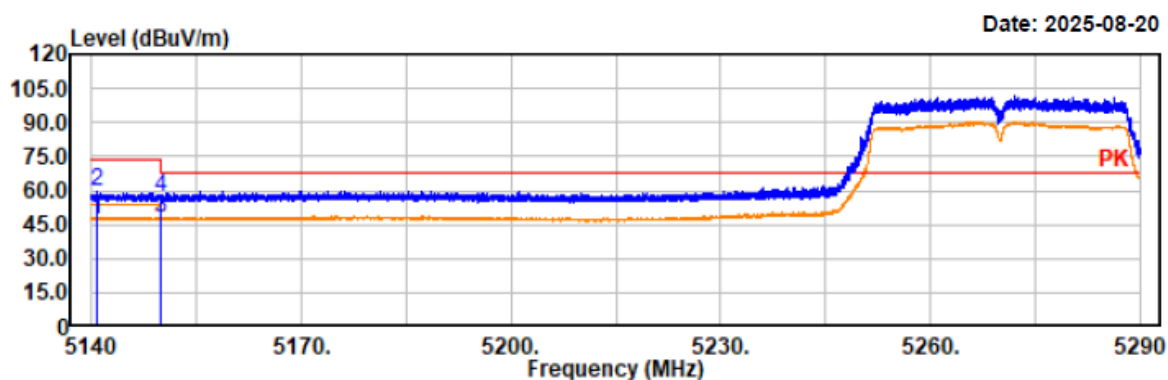
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.01	36.07	11.51	47.58	54.00	6.42	vertical	Average
5350.01	45.81	11.51	57.32	74.00	16.68	vertical	Peak
5364.94	36.24	11.53	47.77	54.00	6.23	vertical	Average
5364.94	48.17	11.53	59.70	74.00	14.30	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5270MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

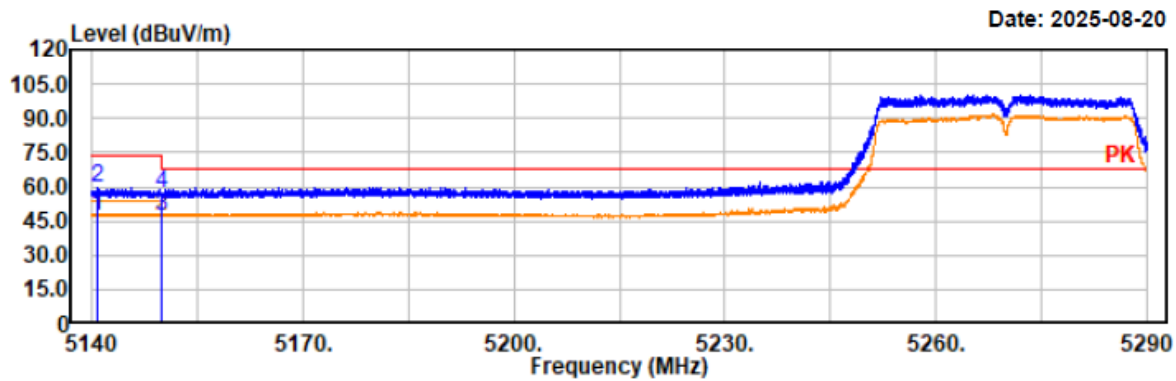
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5140.87	36.10	11.16	47.26	54.00	6.74	horizontal	Average
5140.87	48.24	11.16	59.40	74.00	14.60	horizontal	Peak
5149.99	36.64	11.17	47.81	54.00	6.19	horizontal	Average
5149.99	45.70	11.17	56.87	74.00	17.13	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5270MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1℃/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

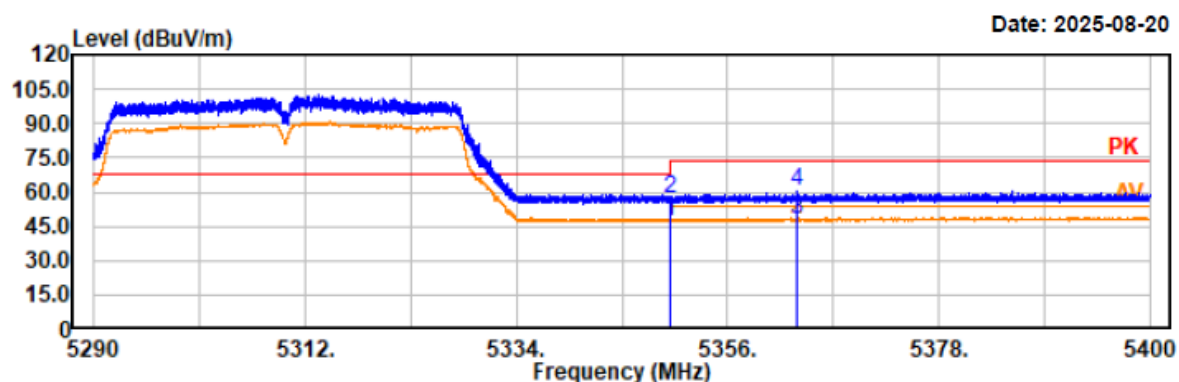


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5140.89	36.27	11.16	47.43	54.00	6.57	vertical	Average
5140.89	48.21	11.16	59.37	74.00	14.63	vertical	Peak
5149.99	36.27	11.17	47.44	54.00	6.56	vertical	Average
5149.99	46.10	11.17	57.27	74.00	16.73	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5310MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



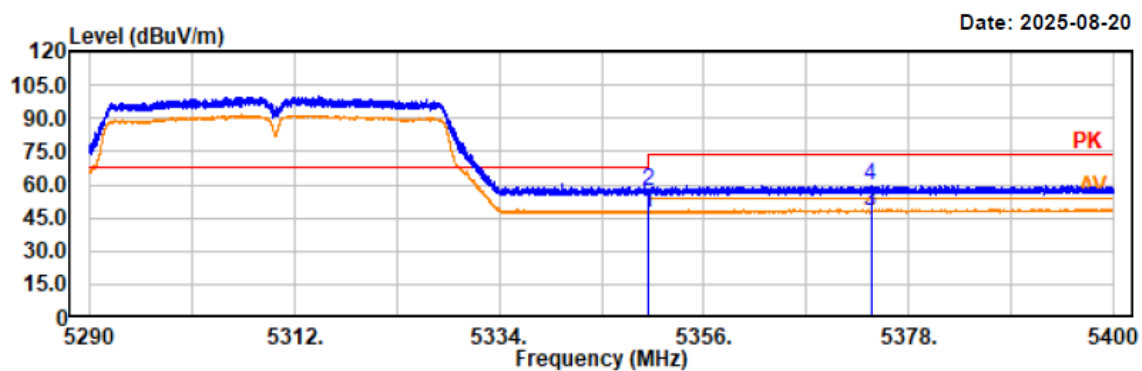
Trace: 1

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
5350.01	35.95	11.51	47.46	54.00	6.54	horizontal	Average
5350.01	45.62	11.51	57.13	74.00	16.87	horizontal	Peak
5363.16	36.16	11.53	47.69	54.00	6.31	horizontal	Average
5363.16	48.73	11.53	60.26	74.00	13.74	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5310MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

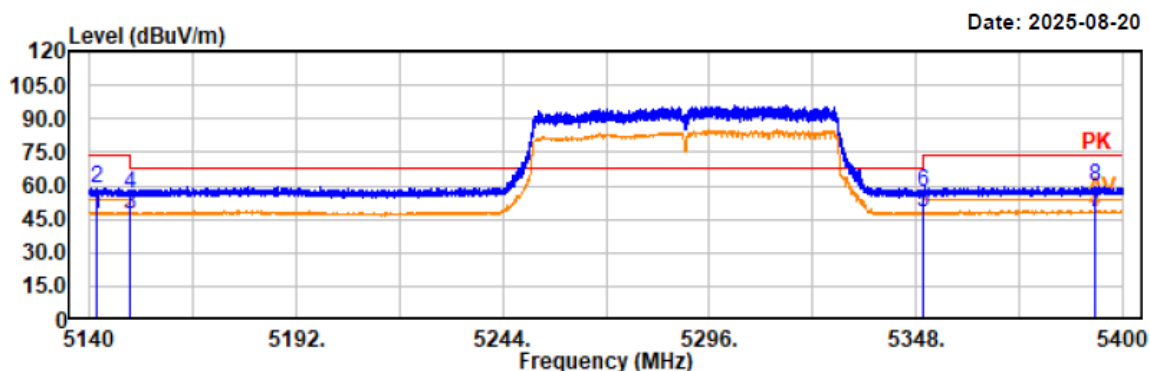
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5350.01	35.54	11.51	47.05	54.00	6.95	vertical	Average
5350.01	45.92	11.51	57.43	74.00	16.57	vertical	Peak
5373.95	36.09	11.55	47.64	54.00	6.36	vertical	Average
5373.95	48.39	11.55	59.94	74.00	14.06	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5290MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

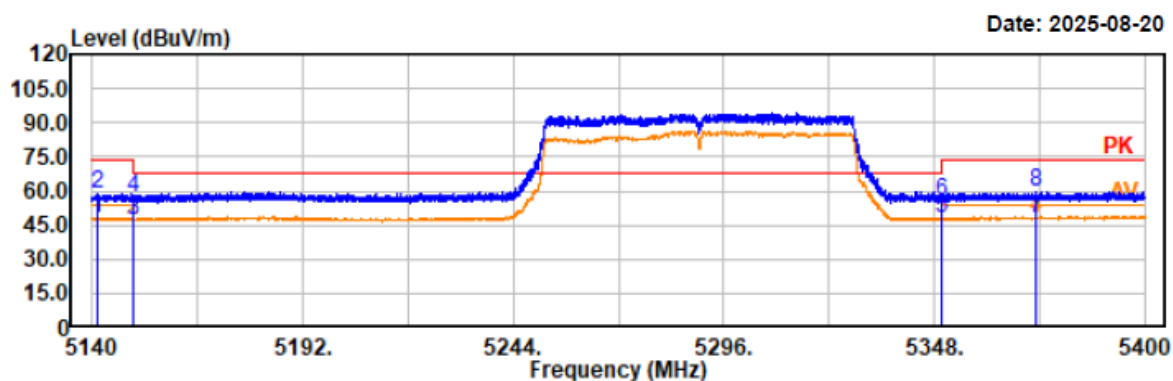
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5141.69	36.23	11.16	47.39	54.00	6.61	horizontal	Average
5141.69	47.73	11.16	58.89	74.00	15.11	horizontal	Peak
5149.98	36.18	11.17	47.35	54.00	6.65	horizontal	Average
5149.98	44.91	11.17	56.08	74.00	17.92	horizontal	Peak
5350.00	36.16	11.51	47.67	54.00	6.33	horizontal	Average
5350.00	45.38	11.51	56.89	74.00	17.11	horizontal	Peak
5392.98	36.20	11.59	47.79	54.00	6.21	horizontal	Average
5392.98	48.29	11.59	59.88	74.00	14.12	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5290MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

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

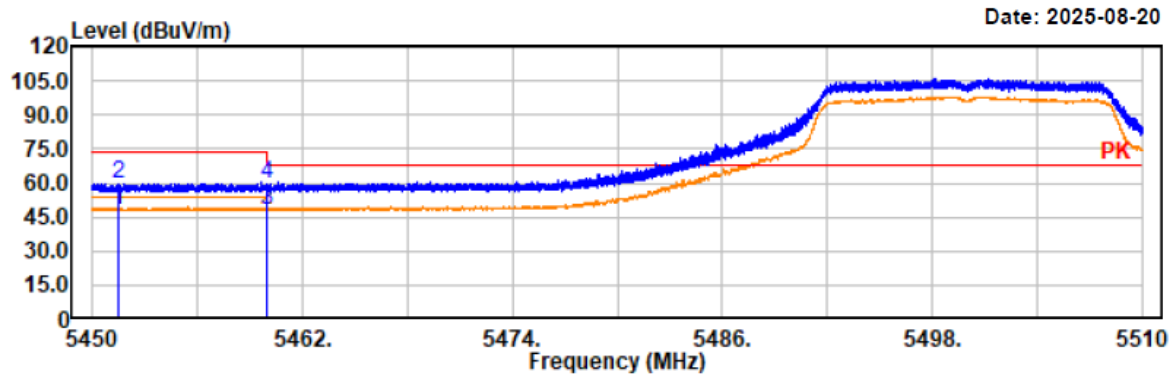
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5141.20	36.65	11.16	47.81	54.00	6.19	vertical	Average
5141.20	47.35	11.16	58.51	74.00	15.49	vertical	Peak
5149.99	36.14	11.17	47.31	54.00	6.69	vertical	Average
5149.99	45.77	11.17	56.94	74.00	17.06	vertical	Peak
5350.00	36.20	11.51	47.71	54.00	6.29	vertical	Average
5350.00	44.28	11.51	55.79	74.00	18.21	vertical	Peak
5373.06	36.37	11.55	47.92	54.00	6.08	vertical	Average
5373.06	48.11	11.55	59.66	74.00	14.34	vertical	Peak

Band 3:

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5500MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1℃/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



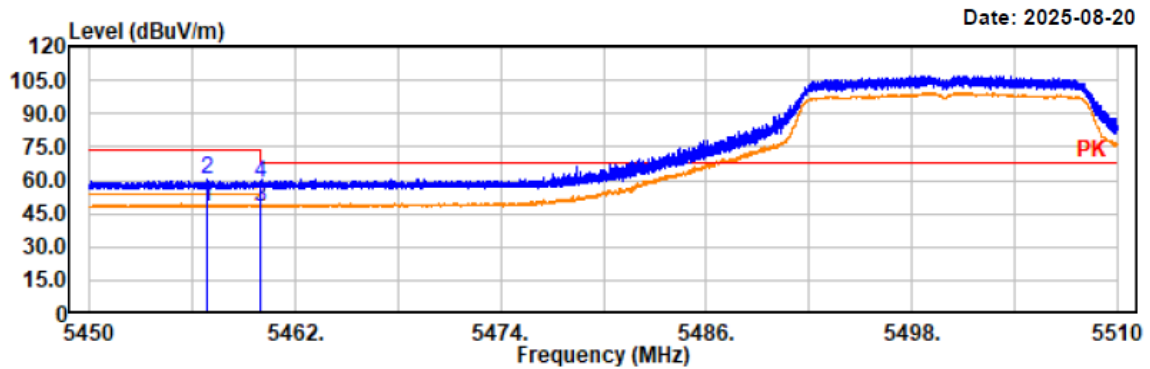
Trace: 1

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
5451.52	36.25	11.67	47.92	54.00	6.08	horizontal	Average
5451.52	48.26	11.67	59.93	74.00	14.07	horizontal	Peak
5459.99	36.20	11.67	47.87	54.00	6.13	horizontal	Average
5459.99	47.52	11.67	59.19	74.00	14.81	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5500MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



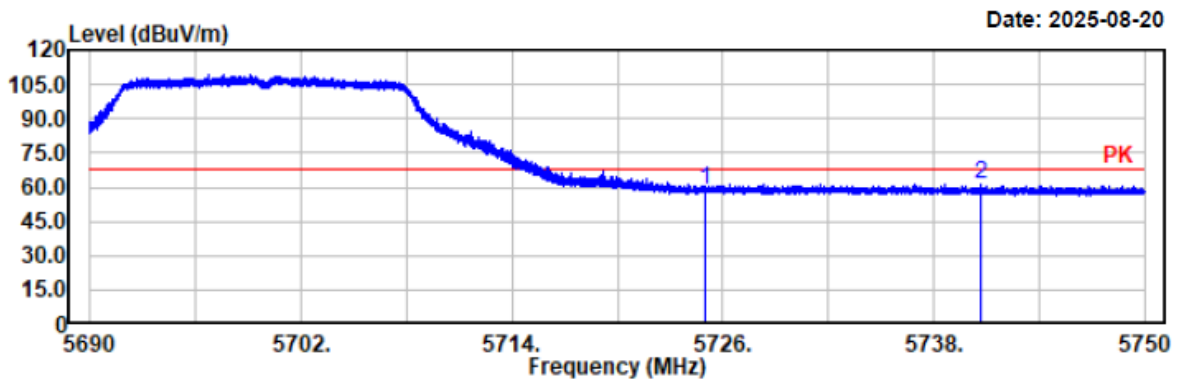
Trace: 1

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
5456.82	36.13	11.67	47.80	54.00	6.20	vertical	Average
5456.82	48.34	11.67	60.01	74.00	13.99	vertical	Peak
5459.99	36.31	11.67	47.98	54.00	6.02	vertical	Average
5459.99	47.00	11.67	58.67	74.00	15.33	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5700MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

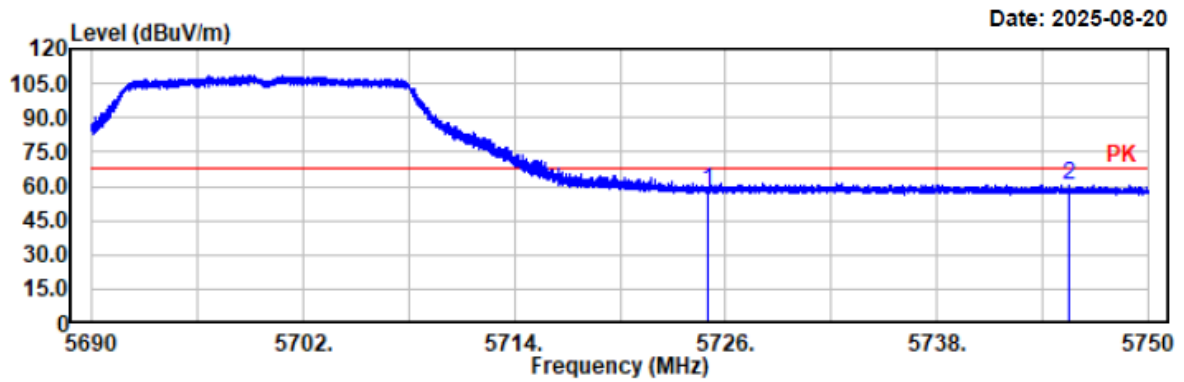


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	46.61	12.13	58.74	68.20	9.46	horizontal	Peak
5740.66	49.47	12.14	61.61	68.20	6.59	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5700MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

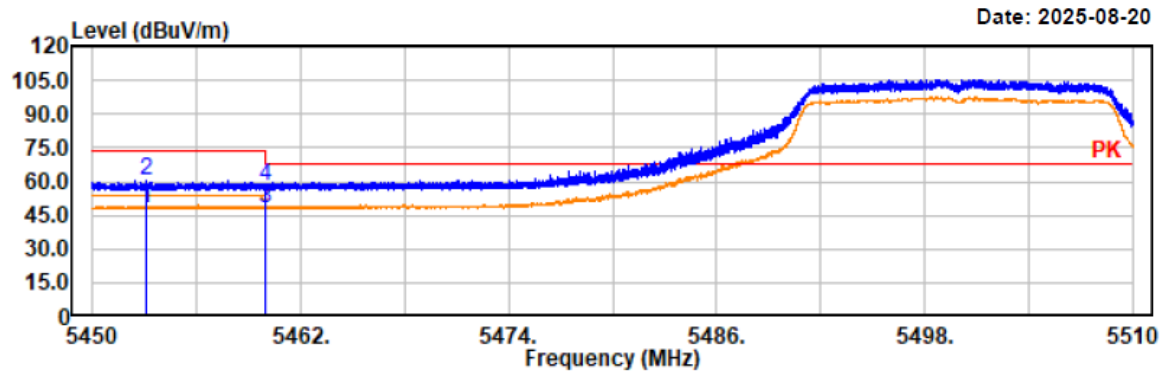


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	45.72	12.13	57.85	68.20	10.35	vertical	Peak
5745.52	48.68	12.14	60.82	68.20	7.38	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5500MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



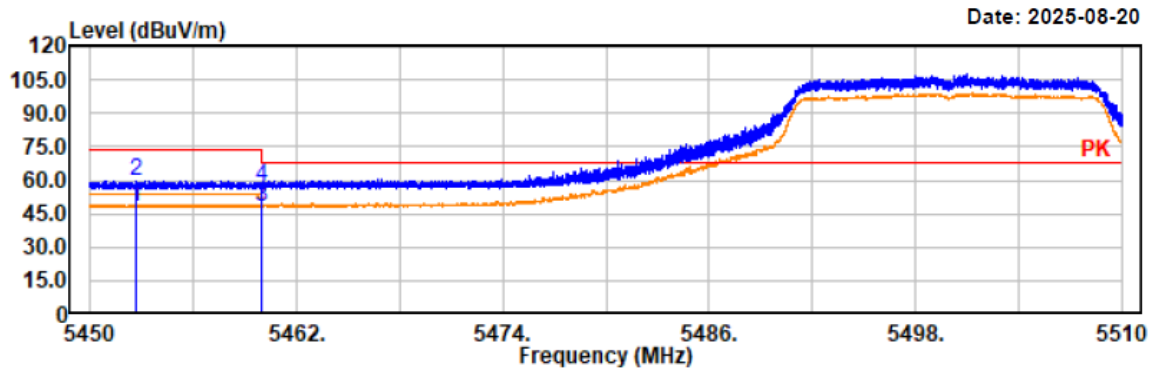
Trace: 1

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
5453.10	36.23	11.67	47.90	54.00	6.10	horizontal	Average
5453.10	48.63	11.67	60.30	74.00	13.70	horizontal	Peak
5459.99	36.16	11.67	47.83	54.00	6.17	horizontal	Average
5459.99	46.15	11.67	57.82	74.00	16.18	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5500MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



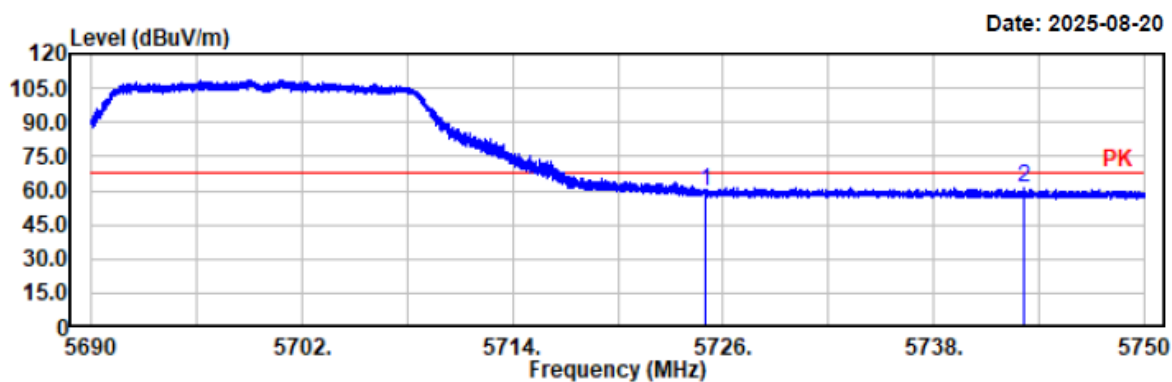
Trace: 1

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
5452.65	36.17	11.67	47.84	54.00	6.16	vertical	Average
5452.65	48.20	11.67	59.87	74.00	14.13	vertical	Peak
5459.99	36.16	11.67	47.83	54.00	6.17	vertical	Average
5459.99	45.75	11.67	57.42	74.00	16.58	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5700MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

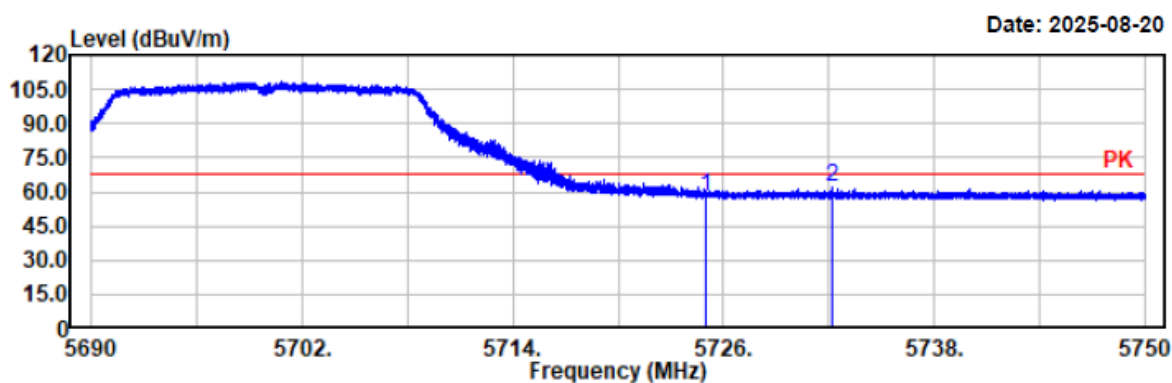


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	47.72	12.13	59.85	68.20	8.35	horizontal	Peak
5743.14	49.47	12.14	61.61	68.20	6.59	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5700MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

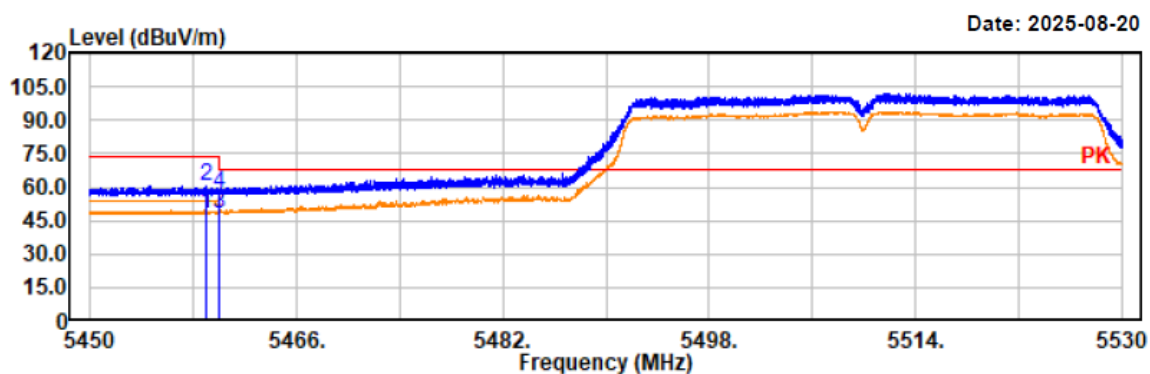


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	45.49	12.13	57.62	68.20	10.58	vertical	Peak
5732.16	50.24	12.14	62.38	68.20	5.82	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5510MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



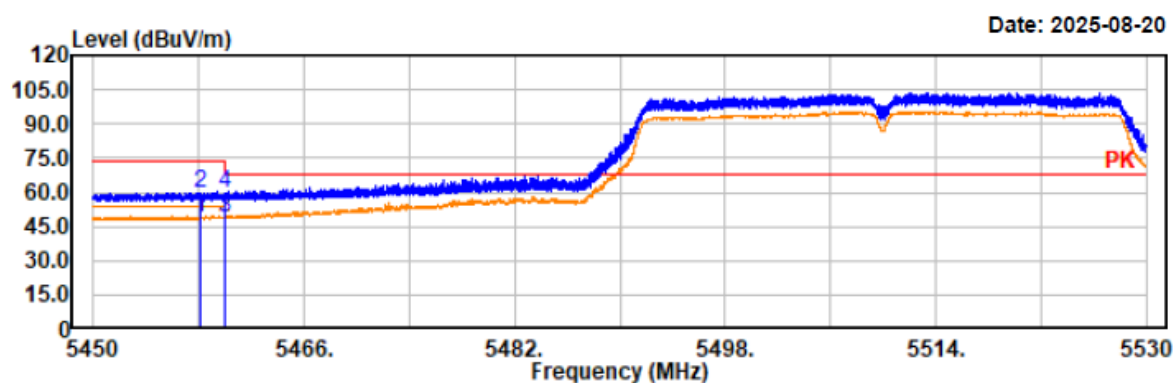
Trace: 1

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
5459.04	36.26	11.67	47.93	54.00	6.07	horizontal	Average
5459.04	48.99	11.67	60.66	74.00	13.34	horizontal	Peak
5459.99	36.22	11.67	47.89	54.00	6.11	horizontal	Average
5459.99	45.81	11.67	57.48	74.00	16.52	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5510MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

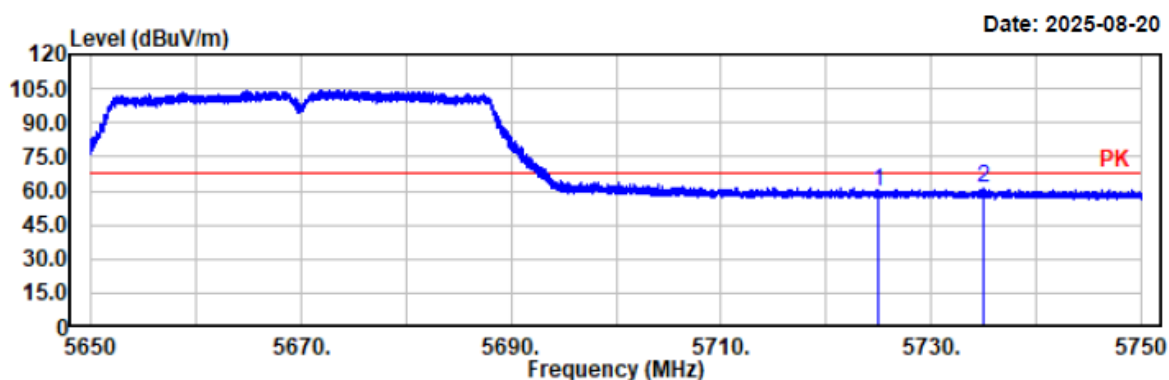
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5458.20	37.08	11.67	48.75	54.00	5.25	vertical	Average
5458.20	48.21	11.67	59.88	74.00	14.12	vertical	Peak
5459.99	37.39	11.67	49.06	54.00	4.94	vertical	Average
5459.99	48.06	11.67	59.73	74.00	14.27	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5670MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

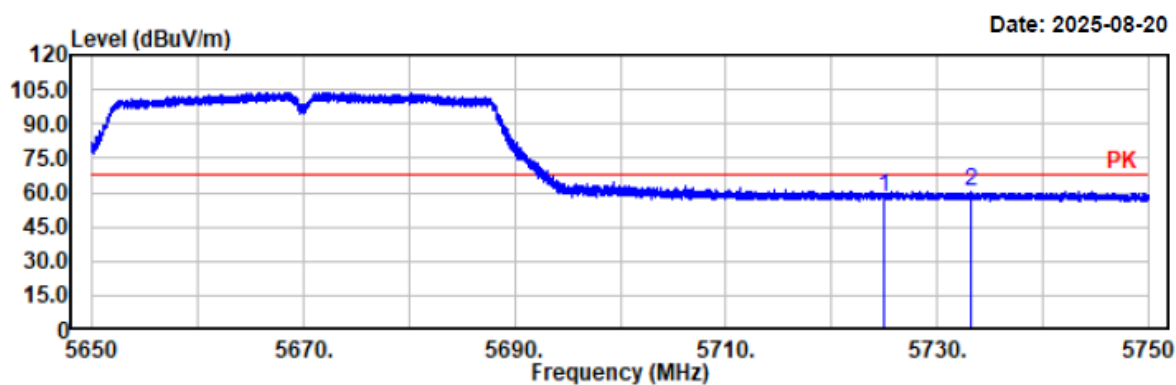


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	47.16	12.13	59.29	68.20	8.91	horizontal	Peak
5734.94	49.13	12.14	61.27	68.20	6.93	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5670MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

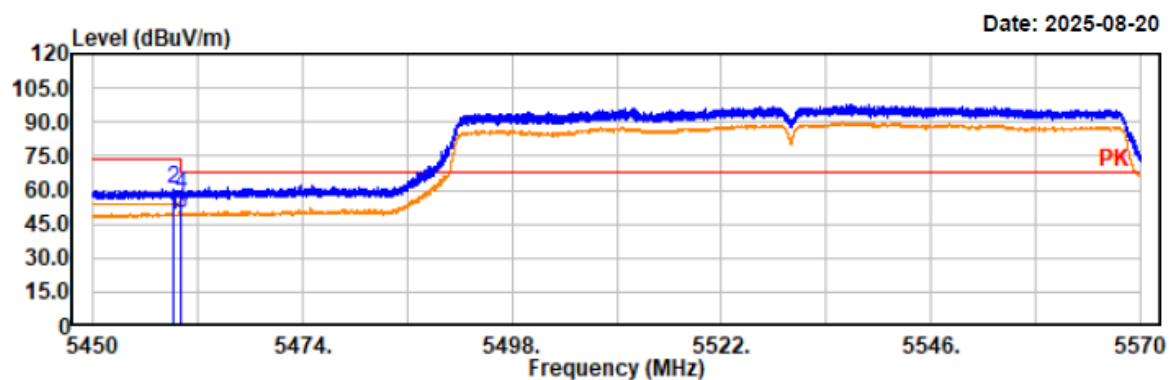


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	45.55	12.13	57.68	68.20	10.52	vertical	Peak
5733.26	48.60	12.14	60.74	68.20	7.46	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5530MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



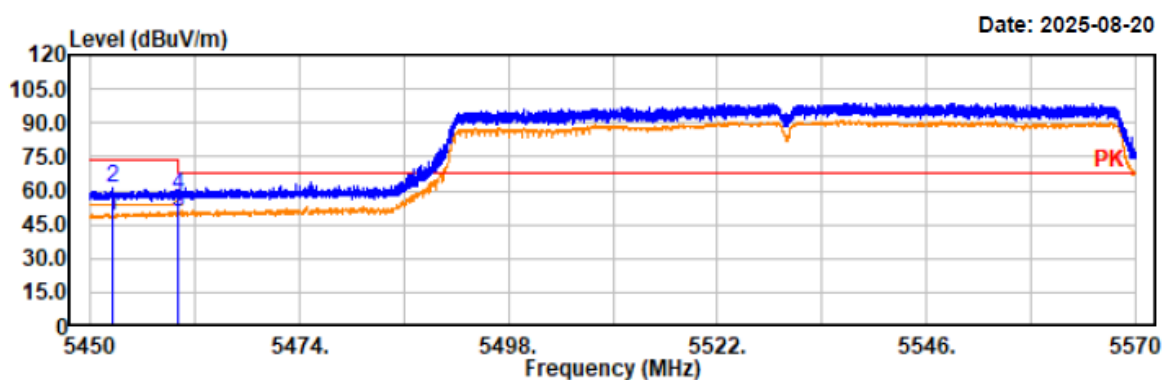
Trace: 1

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
5459.18	37.27	11.67	48.94	54.00	5.06	horizontal	Average
5459.18	48.90	11.67	60.57	74.00	13.43	horizontal	Peak
5459.98	37.76	11.67	49.43	54.00	4.57	horizontal	Average
5459.98	46.36	11.67	58.03	74.00	15.97	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5530MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

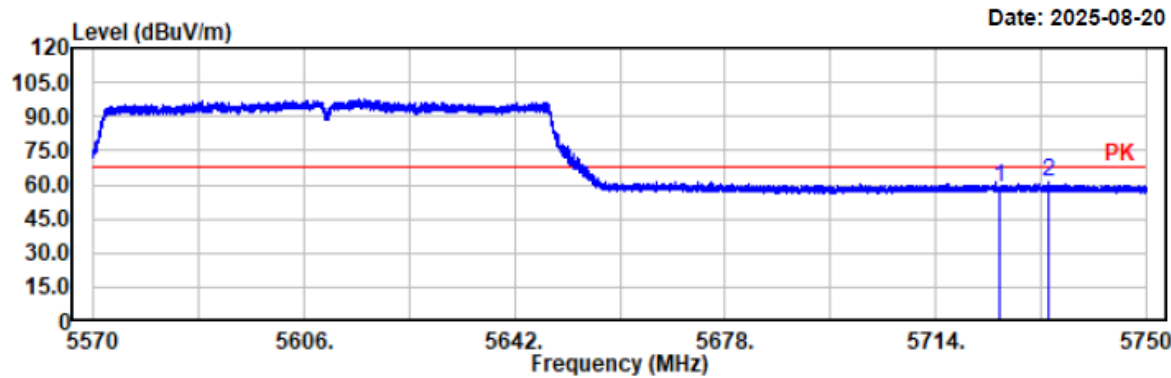
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

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

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5452.46	36.84	11.67	48.51	54.00	5.49	vertical	Average
5452.46	49.39	11.67	61.06	74.00	12.94	vertical	Peak
5459.98	38.53	11.67	50.20	54.00	3.80	vertical	Average
5459.98	46.28	11.67	57.95	74.00	16.05	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5610MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1℃/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

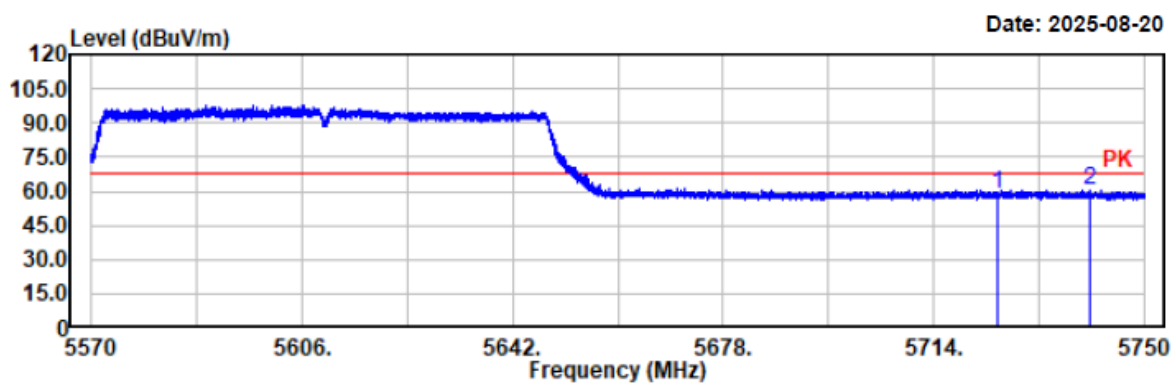


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	46.62	12.13	58.75	68.20	9.45	horizontal	Peak
5733.24	49.03	12.14	61.17	68.20	7.03	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5610MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



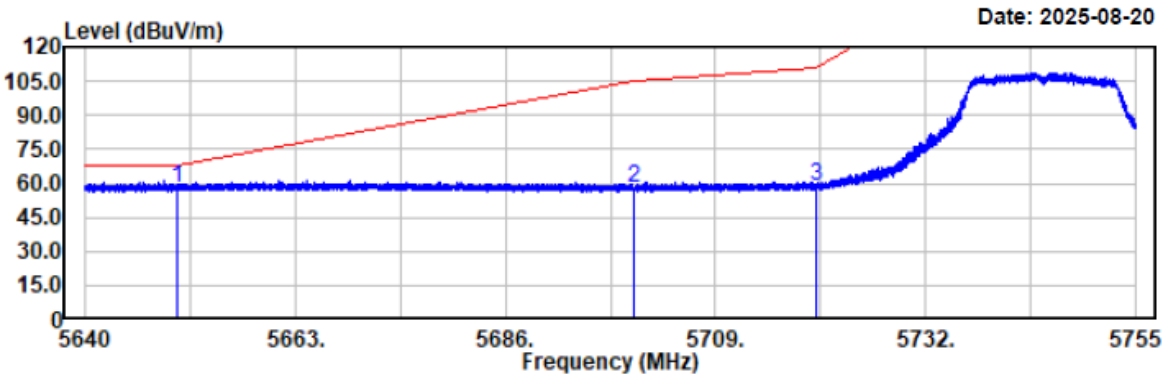
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5725.00	46.30	12.13	58.43	68.20	9.77	vertical	Peak
5740.62	48.44	12.14	60.58	68.20	7.62	vertical	Peak

Band 4:

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5745MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

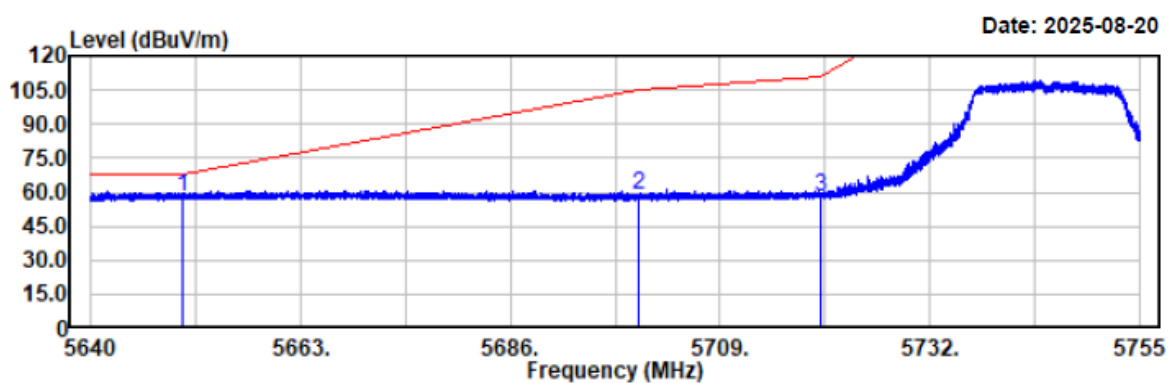


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	46.00	11.97	57.97	68.20	10.23	horizontal	Peak
5700.00	46.14	12.12	58.26	105.20	46.94	horizontal	Peak
5720.00	46.34	12.13	58.47	110.80	52.33	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5745MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

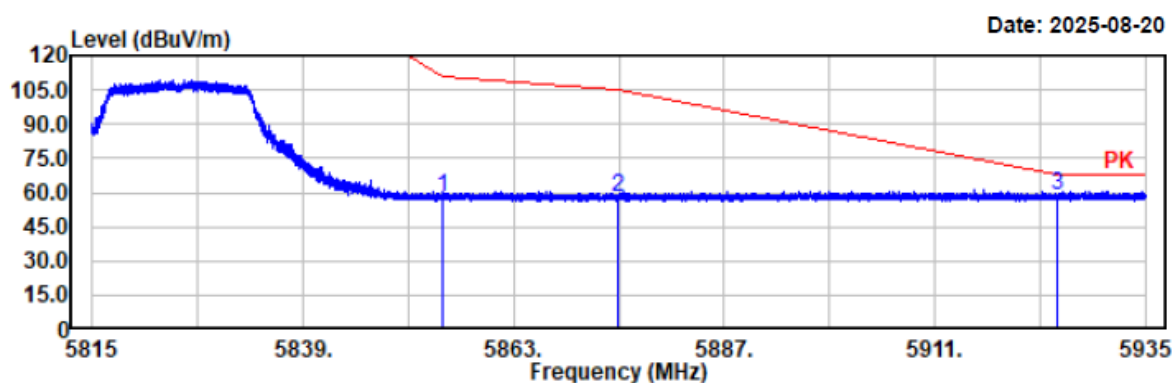


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	45.98	11.97	57.95	68.20	10.25	vertical	Peak
5700.00	46.47	12.12	58.59	105.20	46.61	vertical	Peak
5720.01	46.16	12.13	58.29	110.81	52.52	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5825MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

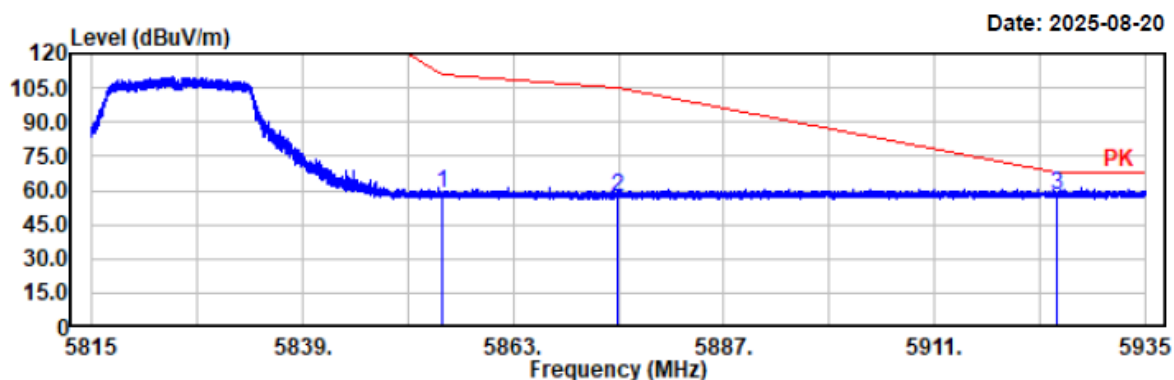


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	45.76	12.33	58.09	110.80	52.71	horizontal	Peak
5875.00	45.70	12.34	58.04	105.20	47.16	horizontal	Peak
5925.00	46.09	12.43	58.52	68.20	9.68	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11a 5825MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

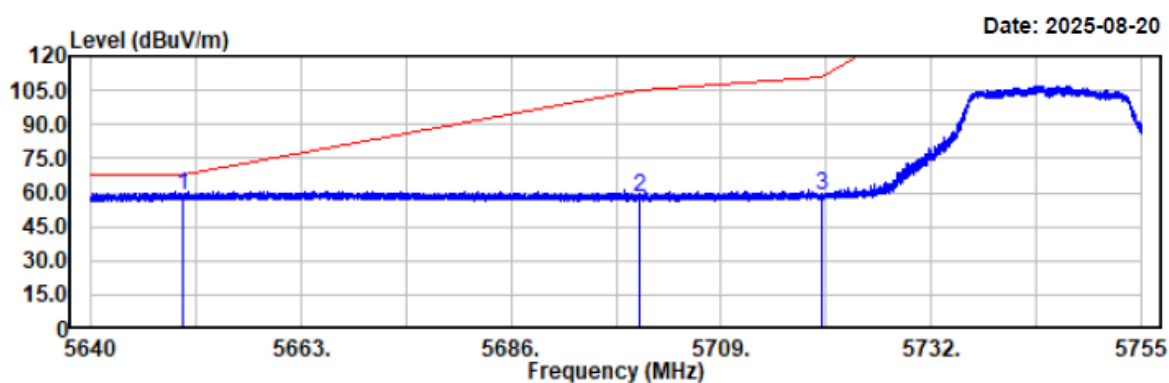


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	46.24	12.33	58.57	110.80	52.23	vertical	Peak
5875.00	44.86	12.34	57.20	105.20	48.00	vertical	Peak
5925.00	45.21	12.43	57.64	68.20	10.56	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5745MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

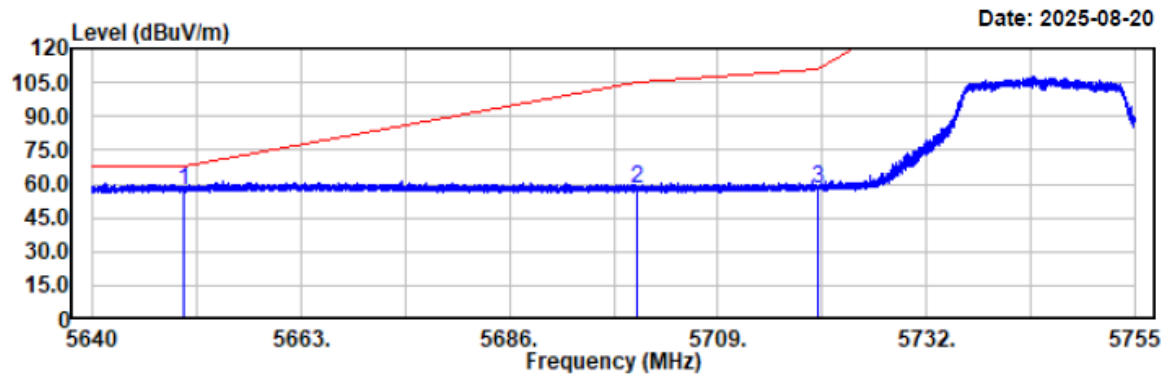


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.01	46.51	11.97	58.48	68.20	9.72	horizontal	Peak
5700.00	45.43	12.12	57.55	105.20	47.65	horizontal	Peak
5720.00	46.63	12.13	58.76	110.80	52.04	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5745MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

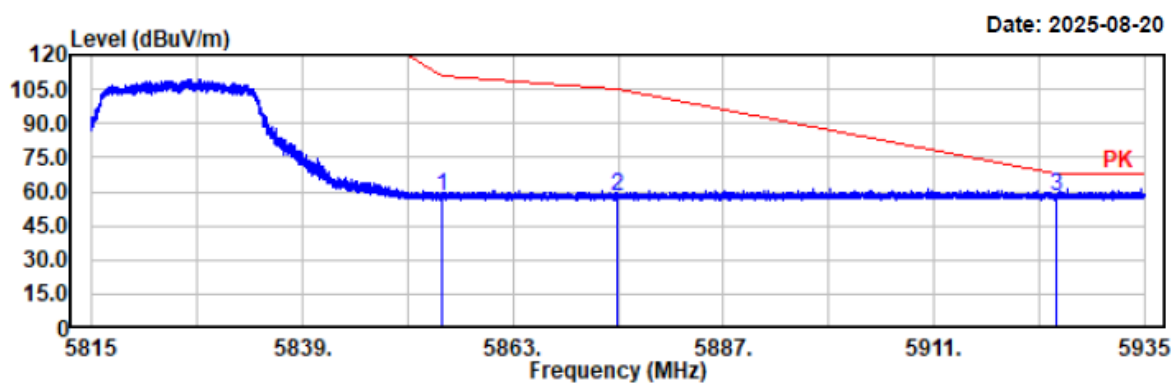


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	45.18	11.97	57.15	68.20	11.05	vertical	Peak
5700.00	45.93	12.12	58.05	105.20	47.15	vertical	Peak
5720.01	46.02	12.13	58.15	110.81	52.66	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5825MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

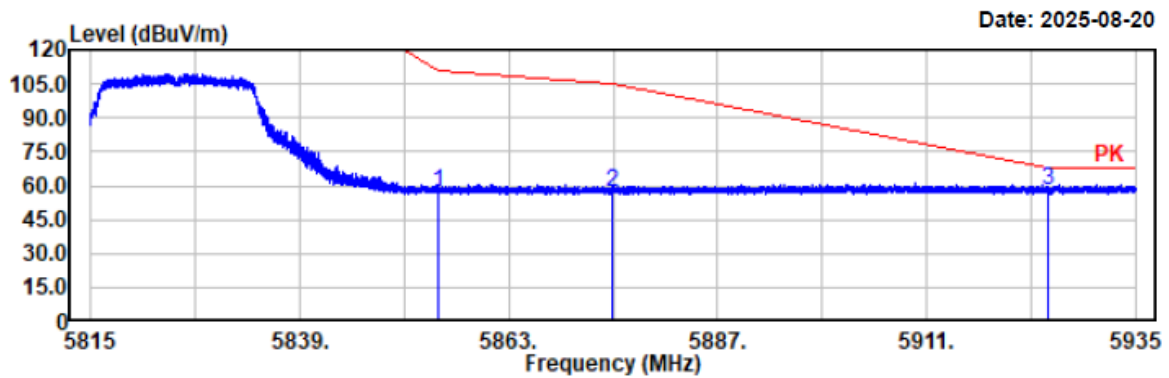


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	45.99	12.33	58.32	110.80	52.48	horizontal	Peak
5875.00	45.35	12.34	57.69	105.20	47.51	horizontal	Peak
5925.00	45.54	12.43	57.97	68.20	10.23	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac20 5825MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

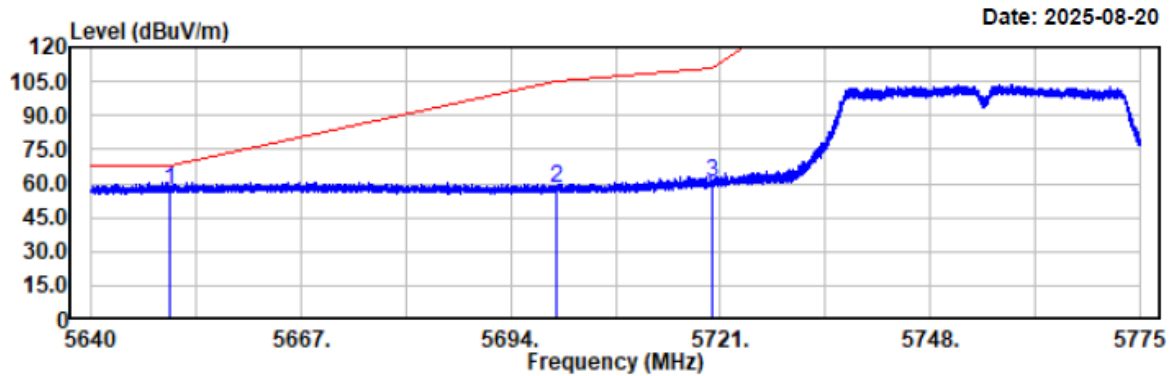


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	45.04	12.33	57.37	110.80	53.43	vertical	Peak
5875.00	44.96	12.34	57.30	105.20	47.90	vertical	Peak
5925.00	45.39	12.43	57.82	68.20	10.38	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5755MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

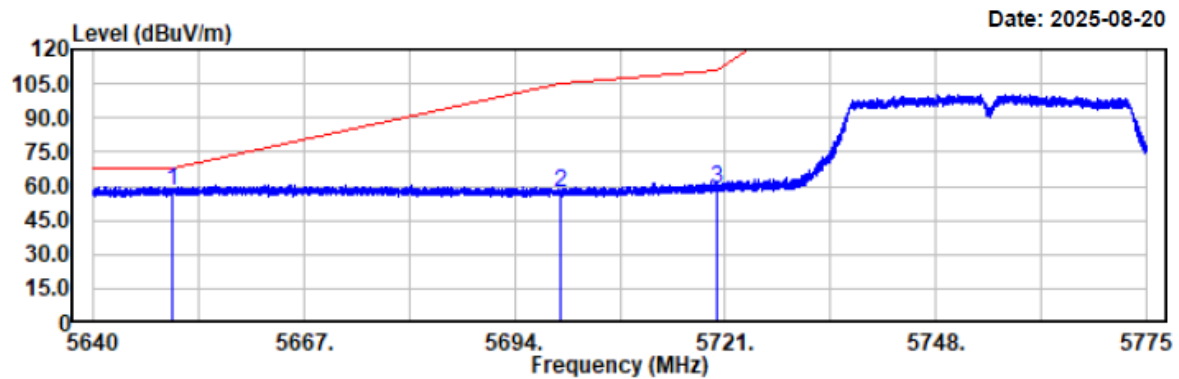


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	45.19	11.97	57.16	68.20	11.04	horizontal	Peak
5700.00	45.48	12.12	57.60	105.20	47.60	horizontal	Peak
5720.00	48.51	12.13	60.64	110.80	50.16	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5755MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

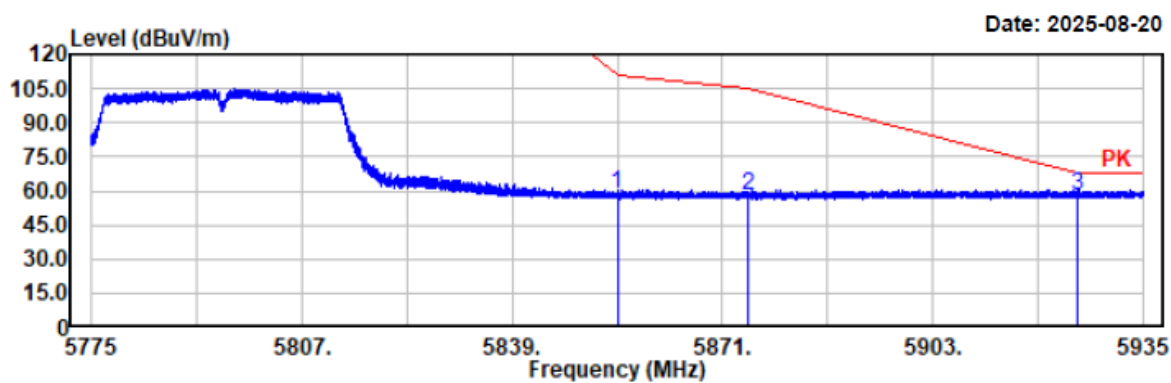


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	45.67	11.97	57.64	68.20	10.56	vertical	Peak
5700.00	45.30	12.12	57.42	105.20	47.78	vertical	Peak
5720.00	46.26	12.13	58.39	110.80	52.41	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5795MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

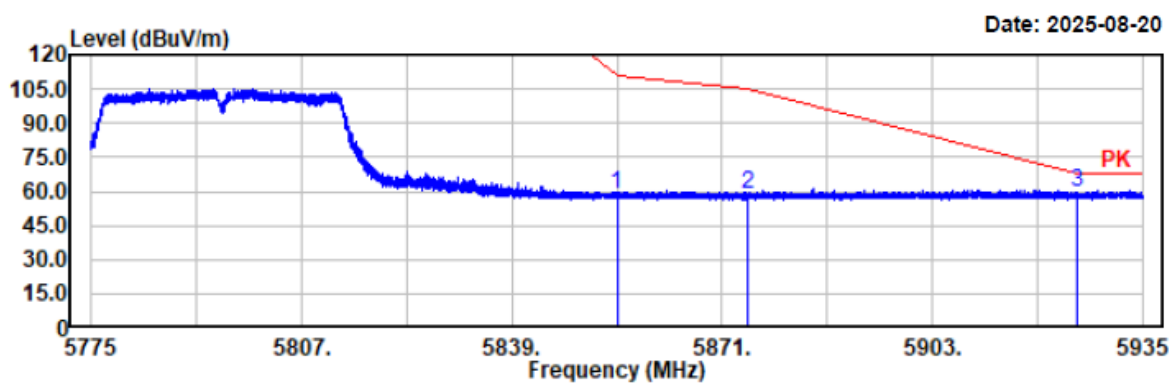


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	46.37	12.33	58.70	110.80	52.10	horizontal	Peak
5875.00	45.90	12.34	58.24	105.20	46.96	horizontal	Peak
5925.00	45.71	12.43	58.14	68.20	10.06	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac40 5795MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

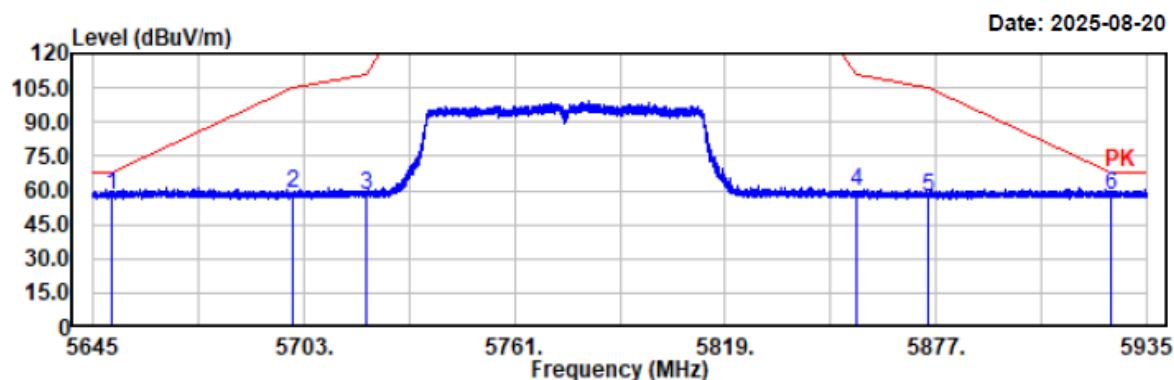


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5855.00	46.17	12.33	58.50	110.80	52.30	vertical	Peak
5875.00	46.41	12.34	58.75	105.20	46.45	vertical	Peak
5925.00	46.88	12.43	59.31	68.20	8.89	vertical	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5775MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

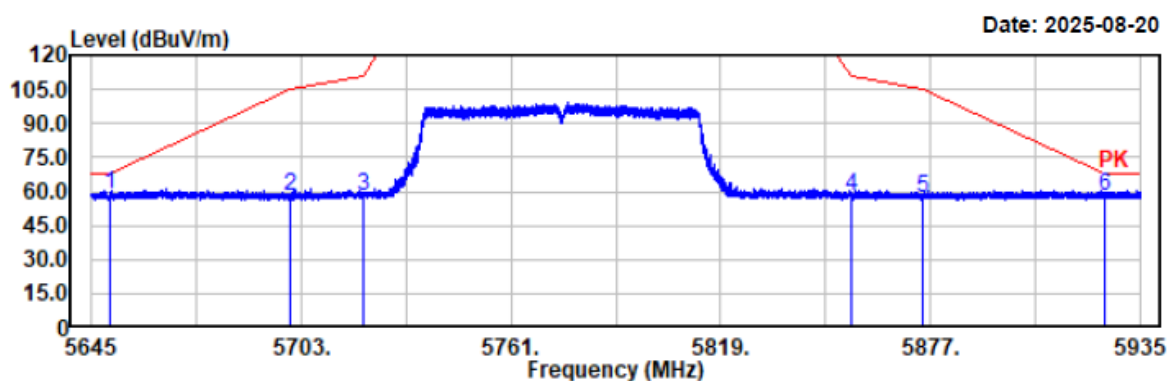


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
5650.00	45.92	11.97	57.89	68.20	10.31	horizontal	Peak
5700.00	46.35	12.12	58.47	105.20	46.73	horizontal	Peak
5720.00	45.99	12.13	58.12	110.80	52.68	horizontal	Peak
5855.00	47.63	12.33	59.96	110.80	50.84	horizontal	Peak
5875.00	44.96	12.34	57.30	105.20	47.90	horizontal	Peak
5925.00	45.79	12.43	58.22	68.20	9.98	horizontal	Peak

Project No.: 2507W73938E-RF
Test Mode: 802.11ac80 5775MHz
EUT Model: SNM927
Test distance: 3m

Temp/Humi/ATM: 23.1°C/56%/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
5650.00	46.70	11.97	58.67	68.20	9.53	vertical	Peak
5700.00	45.70	12.12	57.82	105.20	47.38	vertical	Peak
5720.00	45.50	12.13	57.63	110.80	53.17	vertical	Peak
5855.00	45.21	12.33	57.54	110.80	53.26	vertical	Peak
5875.00	44.98	12.34	57.32	105.20	47.88	vertical	Peak
5925.00	45.38	12.43	57.81	68.20	10.39	vertical	Peak

FCC §15.407(a) & RSS-247 ISSUE 3 CLAUSE 6.2 – SPOT CHECK WITH MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

FCC §15.407(a) (1)(iv)

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (2)

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (3)(i)

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

RSS-247 Clause 6.2.1.1

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log 10B$, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log 10B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

RSS-247 Clause 6.2.2.1

Devices, other than devices installed in vehicles, shall comply with the following:

- a) The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

b) The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

RSS-247 Clause 6.2.3.1

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

RSS-247 Clause 6.2.4.2

The maximum conducted output power shall not exceed 1 W. The output power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint³ systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

EUT Setup



Test Procedure

According to ANSI C63.10-2020 + Cor.1-2023 12.4.3.2

Method PM-G is measurement using a gated RF average power meter. 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

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

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)		EIRP(dBm)	
		Reading	Limit for FCC	EIRP	Limit for RSS-247
802.11ac vht20	5180	13.54	24.00	17.73	22.54
	5220	13.25	24.00	17.44	22.52
	5240	13.64	24.00	17.83	22.54
Antenna Gain(dBi):		4.19			
Note: The device is a client device.					

5250-5350 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP(dBm)	
		Reading	Limit for FCC	Limit for RSS-247	EIRP	Limit for RSS-247
802.11a	5260	14.85	24	23.23	19.04	29.23
	5300	14.79	24	23.22	18.98	29.22
	5320	14.64	24	23.22	18.83	29.22
Antenna Gain(dBi):		4.19				
Note: The device is a client device.						

5470-5725 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP(dBm)	
		Reading	Limit for FCC	Limit for RSS-247	EIRP	Limit for RSS-247
802.11a	5500	14.58	24	23.21	20.01	29.21
	5580	14.63	24	23.22	20.06	29.22
	5700	14.96	24	23.21	20.39	29.21
	5720	15.12	24	23.21	20.55	29.21
Antenna Gain(dBi):		5.43				
Note: The device is a client device.						

5725-5850 MHz:

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	Limit(dBm)
802.11a	5745	15.46	30
	5785	15.84	30
	5825	15.43	30
Antenna Gain(dBi):		4.72	

RSS-247 ISSUE 3 Clause 6.2.1.2 – 26 dB ATTENUATED BELOW THE CHANNEL POWER

Applicable Standard

As per ISSED RSS-247 Clause 6.2.1

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

Test Procedure

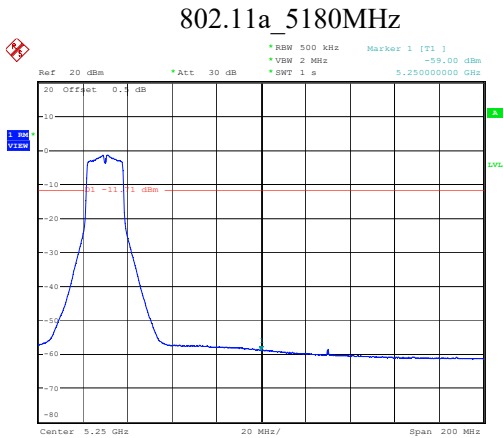
- a) Set RBW = 1%~5% of the emission bandwidth.
- b) Set VBW $\geq$ RBW.
- c) Detector = RMS.
- d) Trace mode = max hold.
- e) Measure the emission attenuated below the channel power.

Test Data

Temperature:	23.6 °C
Relative Humidity:	55 %
ATM Pressure:	100.5 kPa
Test Date:	2025-10-17
Test Engineer:	Braylon Ma

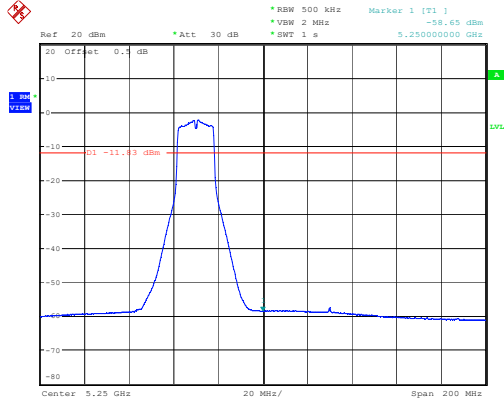
Test Result: Compliant

5150-5250MHz



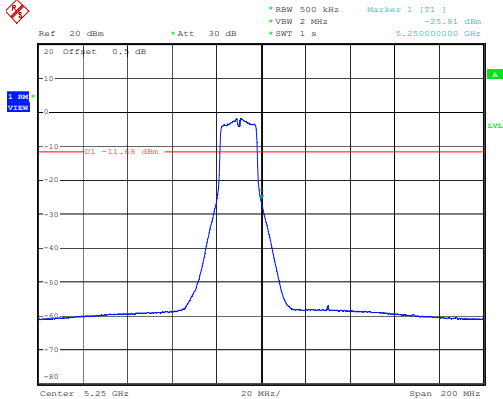
ProjectNo.:2507W73938E-RF Tester: Apollo Luo
Date: 17.OCT.2025 17:14:03

802.11a_5220MHz



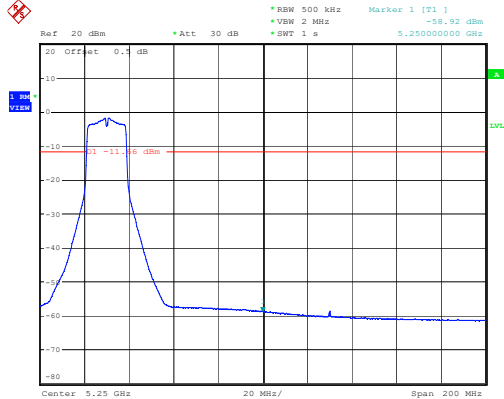
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Date: 17.OCT.2025 17:16:23

802.11a_5240MHz



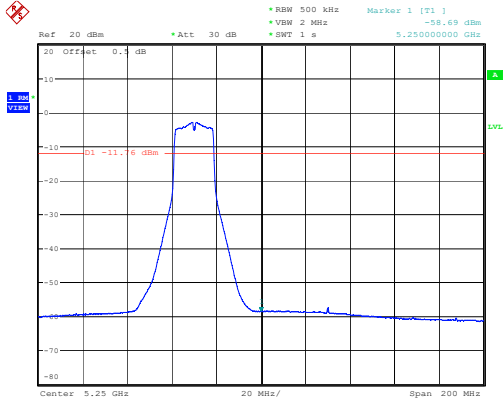
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Date: 17.OCT.2025 17:18:27

802.11ac20_5180MHz



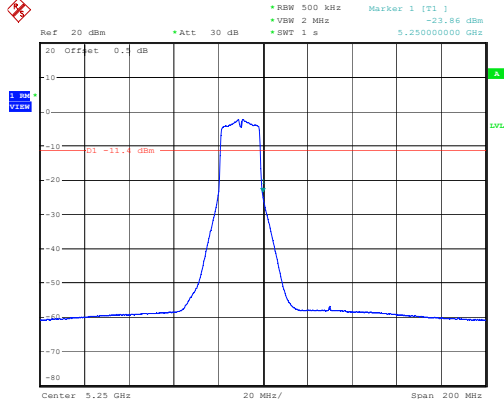
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Date: 17.OCT.2025 17:41:20

802.11ac20_5220MHz

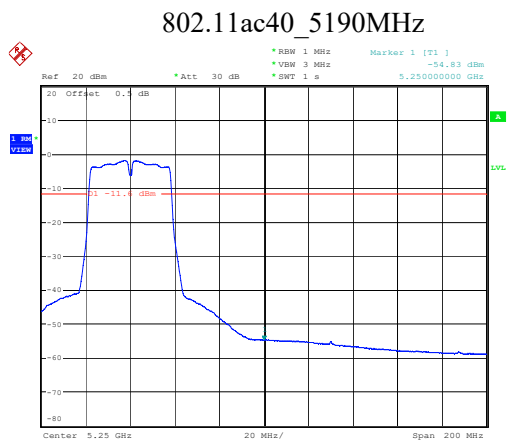


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Date: 17.OCT.2025 17:42:21

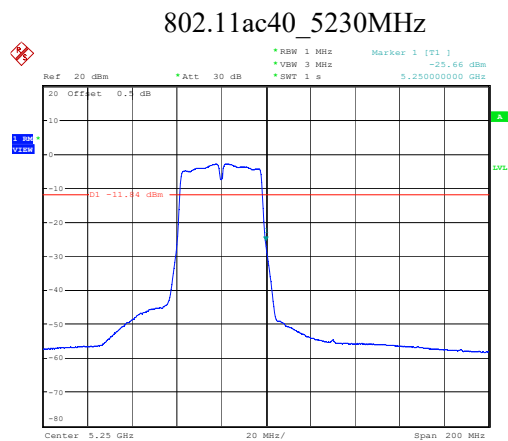
802.11ac20_5240MHz



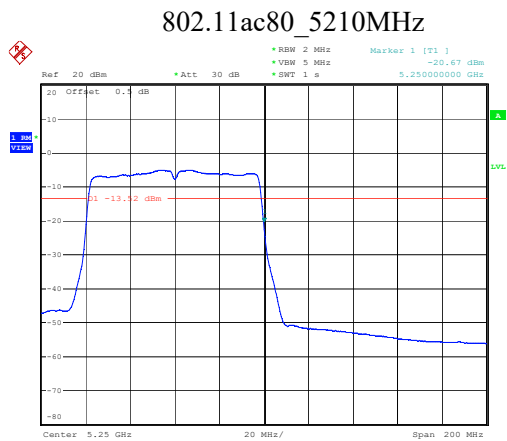
ProjectNo.:2507W73938E-RF Tester: Apollo Luo
Date: 17.OCT.2025 17:43:20



ProjectNo.:2507W73938E-RF Tester:Apollo Luo
Date: 17.OCT.2025 17:45:12



ProjectNo.:2507W73938E-RF Tester:Apollo Luo
Date: 17.OCT.2025 17:46:26



ProjectNo.:2507W73938E-RF Tester:Apollo Luo
Date: 17.OCT.2025 17:48:16

RSS-247 ISSUE 3 CLAUSE 6.4 - ADDITIONAL REQUIREMENTS

Applicable Standard

According to RSS-247 Clause 6.4 Additional requirement

The following requirements shall apply:

- a. The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. A description on how this is done shall accompany the application for equipment certification. Note that this is not intended to prohibit transmission of control or signalling information or the use of repetitive codes where required by the technology.
- b. All LE-LAN devices must contain security features to protect against modification of software by unauthorized parties.

Manufacturers must implement security features in any digitally modulated devices capable of operating in any of the frequency ranges within the 5 GHz band, so that third parties are not able to reprogram the device to operate outside the parameters for which the device was certified. The software must prevent the user from operating the transmitter with operating frequencies, output power, modulation types or other radio frequency parameters outside those that were approved for the device. Manufacturers may use various means, including the use of a private network that allows only authenticated users to download software, electronic signatures in software or coding in hardware that is decoded by software to verify that new software can be legally loaded into a device to meet these requirements and must describe the methods in their application for equipment certification.

Manufacturers must take steps to ensure that DFS functionality cannot be disabled by the operator of the LE-LAN device.

- c. The user manual for LE-LAN devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:
 - i. the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
 - ii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
 - iii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
 - iv. where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

Result: Compliant

RSS-247 Clause 6.4 a:

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Please refer to the declaration.

RSS-247 Clause 6.4 b:

The devices must contain security features to protect against modification of software by unauthorized parties. Please refer to the declaration.

RSS-247 Clause 6.4 c:

The device operates on 5725-5850MHz only one FPC antenna, the antenna meets the EIRP limit.

- i). The device is only for indoor use.
- ii). The device operates on 5250-5350MHz/5470-5725MHz meet the EIRP limit, please refer to the power test result.
- iii). The antenna detachable, and all the EIRP compliance with RSS-247 requirement. Please refer to the conducted output power test result.
- iv). The device EIRP less than 200mW(23 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 *****