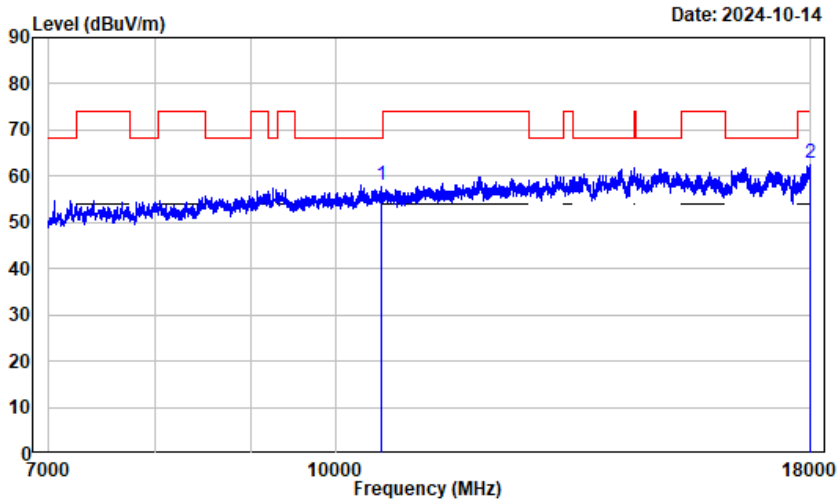
Horizontal-Peak

7-18GHz

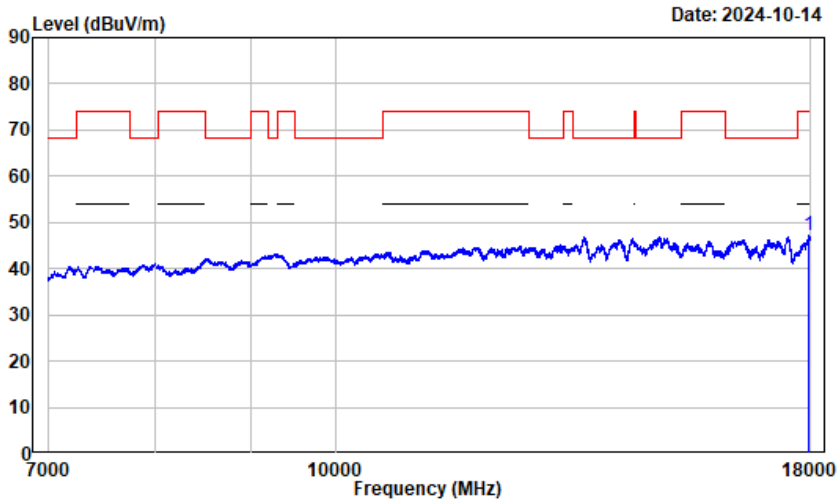


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX80-5290

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10580.000	13.00	45.18	58.18	68.20	-10.02	Peak
2	17987.750	24.53	38.25	62.78	74.00	-11.22	Peak

Horizontal-Average

7-18GHz



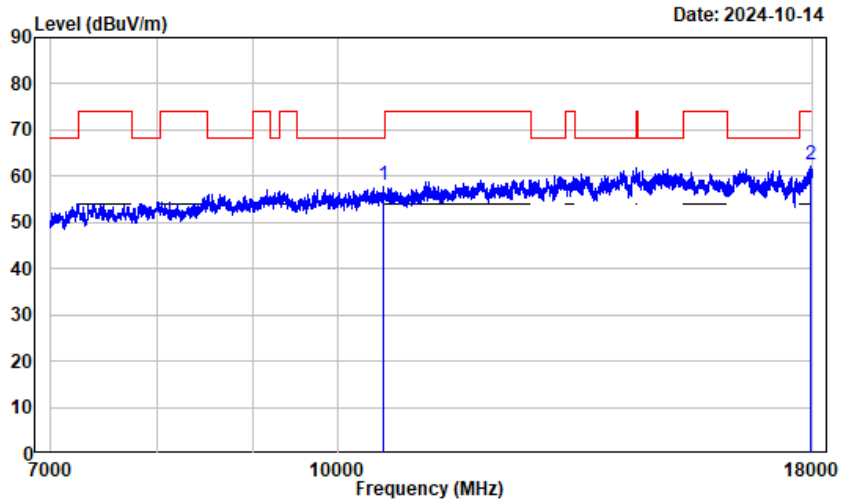
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX80-5290

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17962.870	24.36	22.86	47.22	54.00	-6.78	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

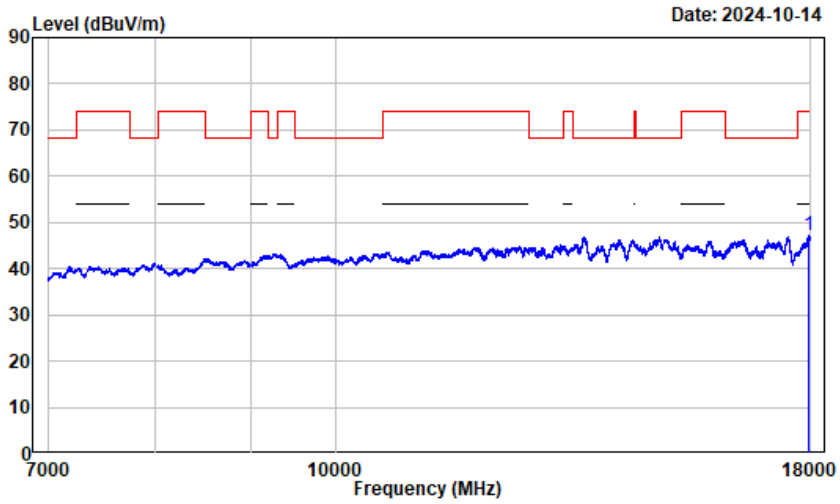


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX80-5290

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10580.000	13.00	45.02	58.02	68.20	-10.18	Peak
2	17950.990	24.28	38.27	62.55	74.00	-11.45	Peak

Vertical-Average

7-18GHz

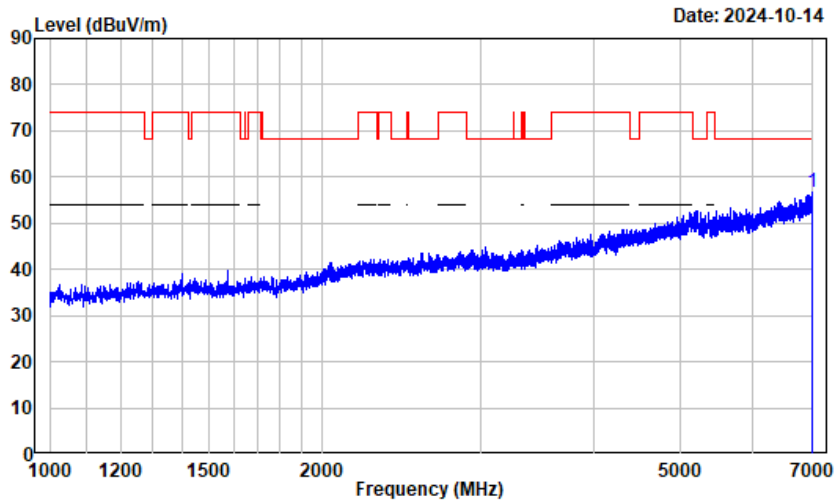


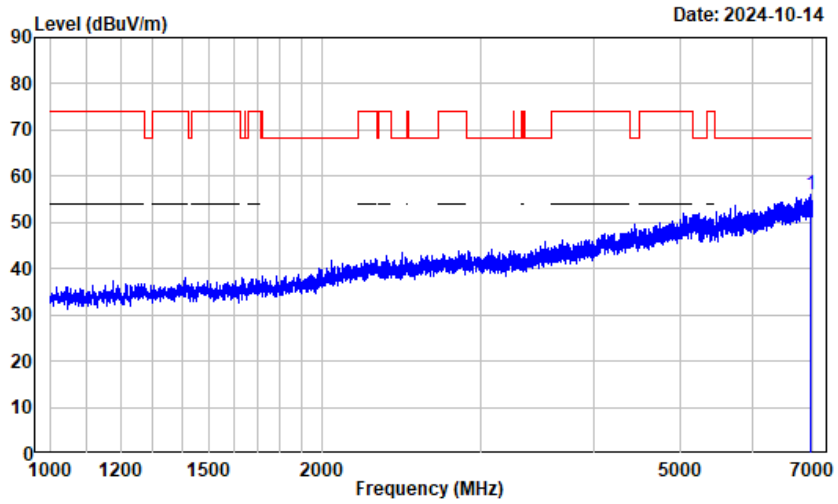
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX80-5290

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17958.740	24.33	22.81	47.14	54.00	-6.86	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

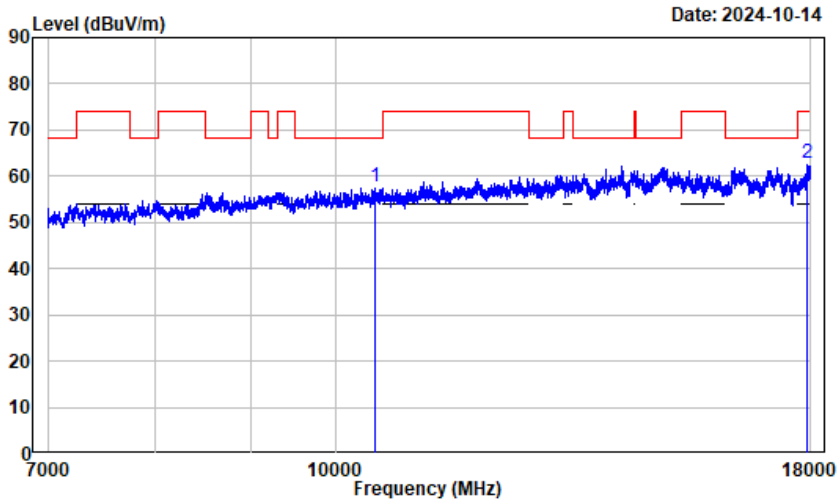
802.11ax160, 5250MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band2-AX160-5250 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6984.248 8.64 48.17 56.81 68.20 -11.39 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band2-AX160-5250 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6976.747 8.65 47.51 56.16 68.20 -12.04 Peak

Horizontal-Peak

7-18GHz

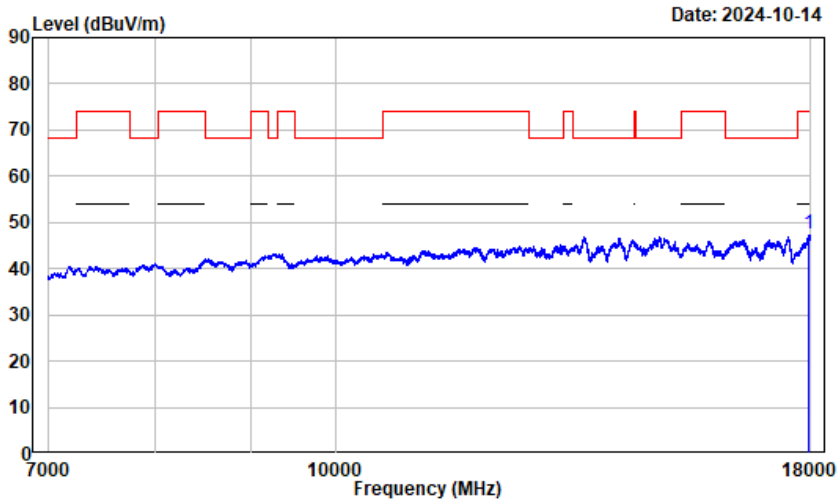


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX160-5250

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10500.000	13.07	44.72	57.79	68.20	-10.41	Peak
2	17908.990	23.97	38.74	62.71	74.00	-11.29	Peak

Horizontal-Average

7-18GHz



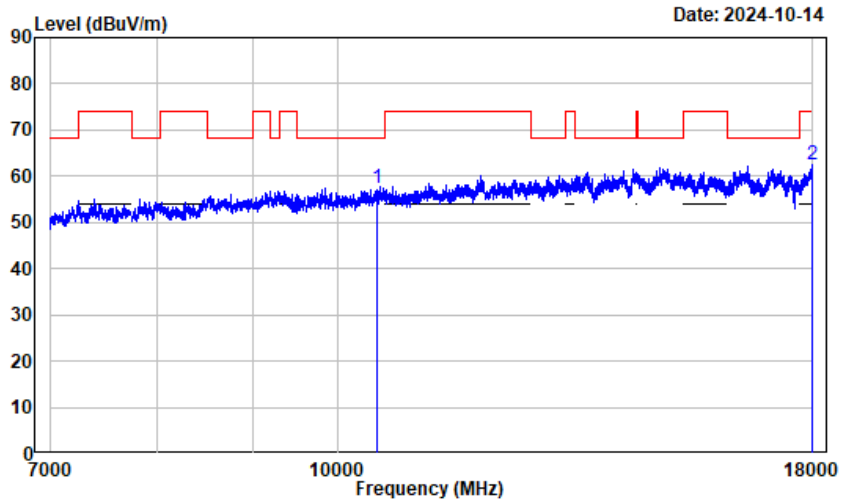
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX160-5250

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17955.750	24.31	23.16	47.47	54.00	-6.53	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

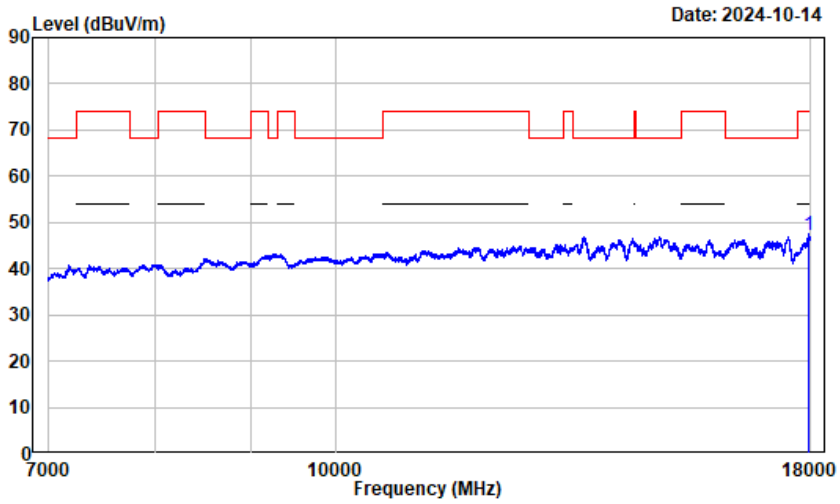


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX160-5250

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10500.000	13.07	44.49	57.56	68.20	-10.64	Peak
2	17977.250	24.45	38.18	62.63	74.00	-11.37	Peak

Vertical-Average

7-18GHz



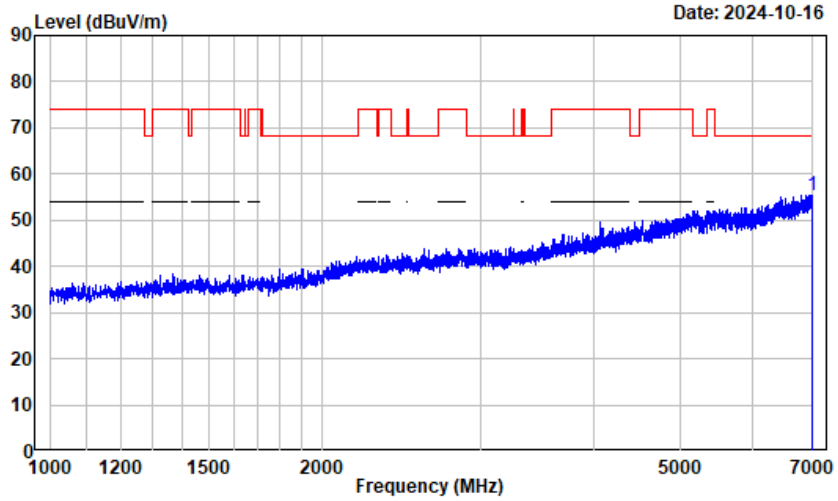
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band2-AX160-5250

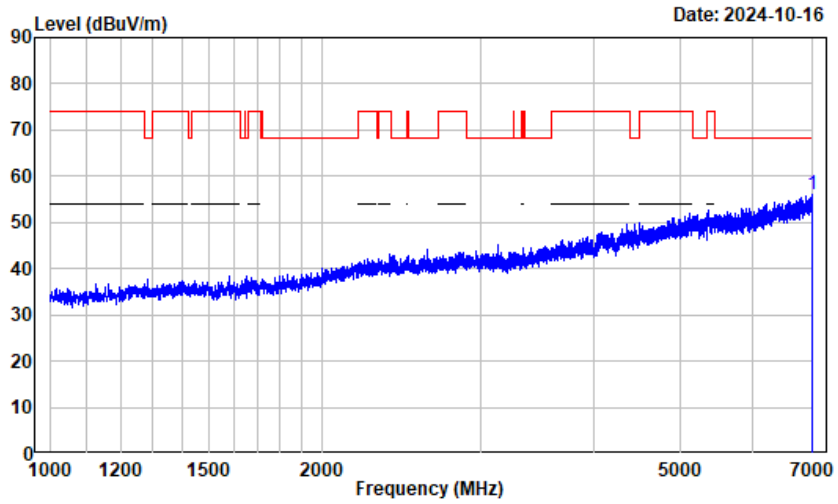
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17958.210	24.33	22.97	47.30	54.00	-6.70	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

5470-5725MHz

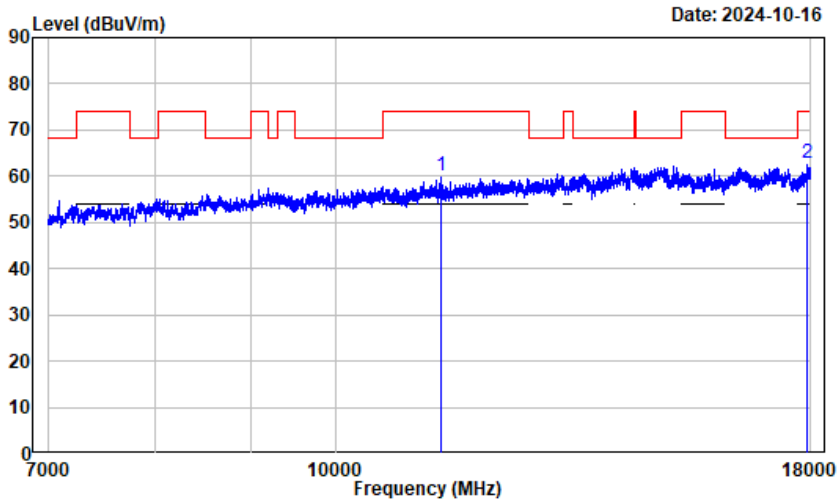
802.11a, 5700MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-A-5700 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6987.999 8.63 46.85 55.48 68.20 -12.72 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-A-5700 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6986.499 8.63 47.39 56.02 68.20 -12.18 Peak

Horizontal-Peak

7-18GHz

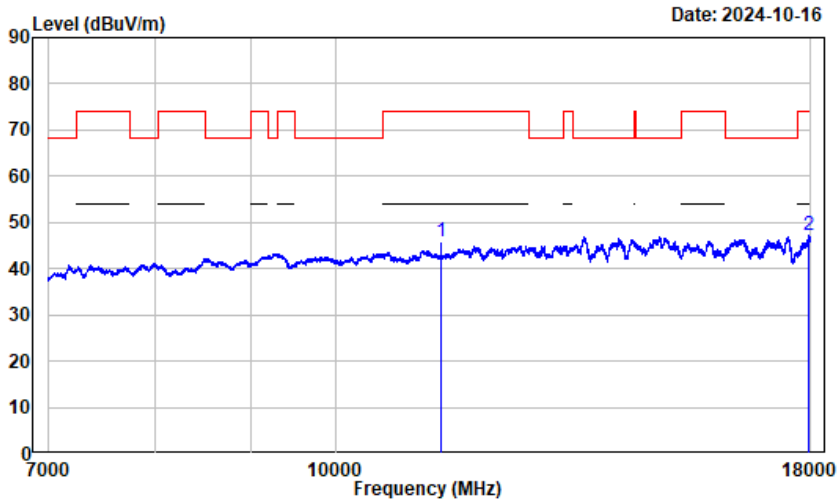


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	46.16	60.24	74.00	-13.76	Peak
2	17915.990	24.02	38.85	62.87	74.00	-11.13	Peak

Horizontal-Average

7-18GHz



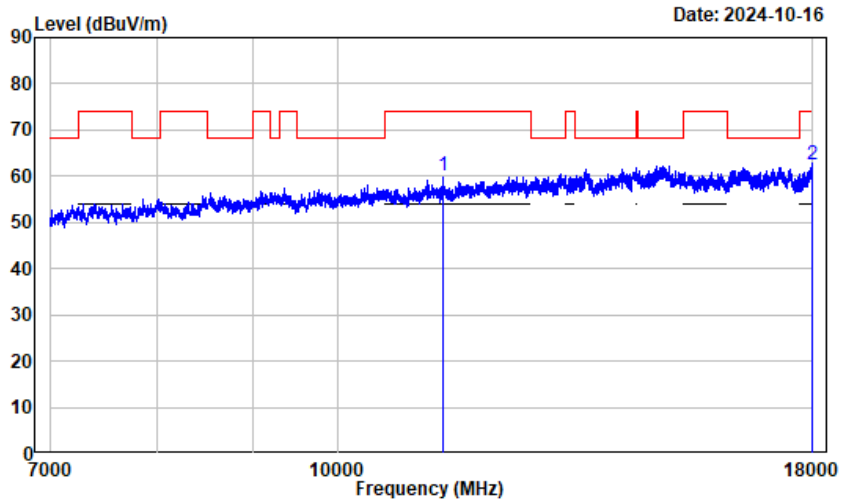
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.74	45.82	54.00	-8.18	Average
2	17958.740	24.33	22.92	47.25	54.00	-6.75	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

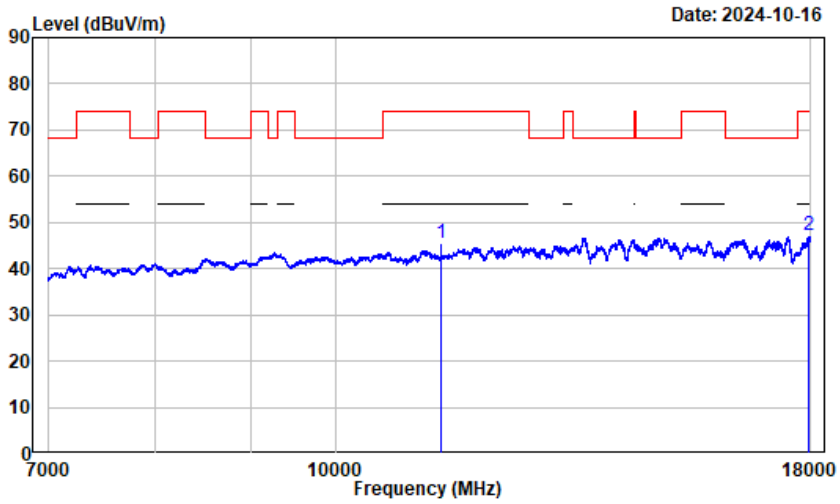


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	45.93	60.01	74.00	-13.99	Peak
2	17998.250	24.61	38.05	62.66	74.00	-11.34	Peak

Vertical-Average

7-18GHz

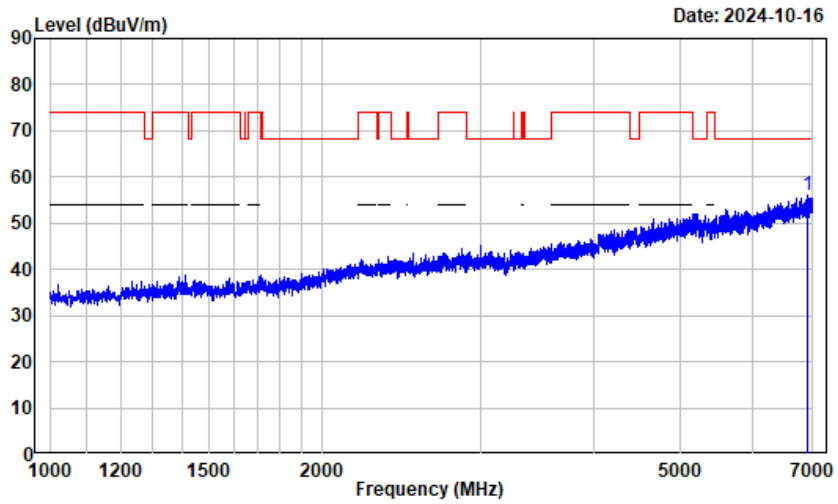


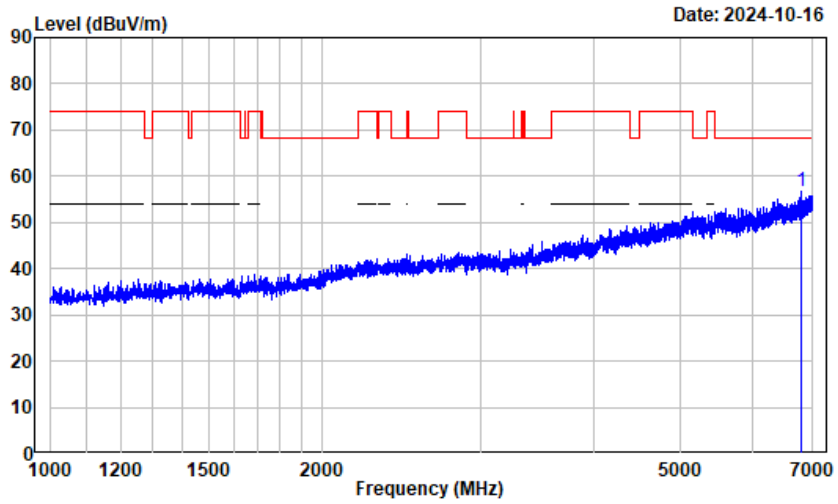
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.57	45.65	54.00	-8.35	Average
2	17955.990	24.31	22.88	47.19	54.00	-6.81	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

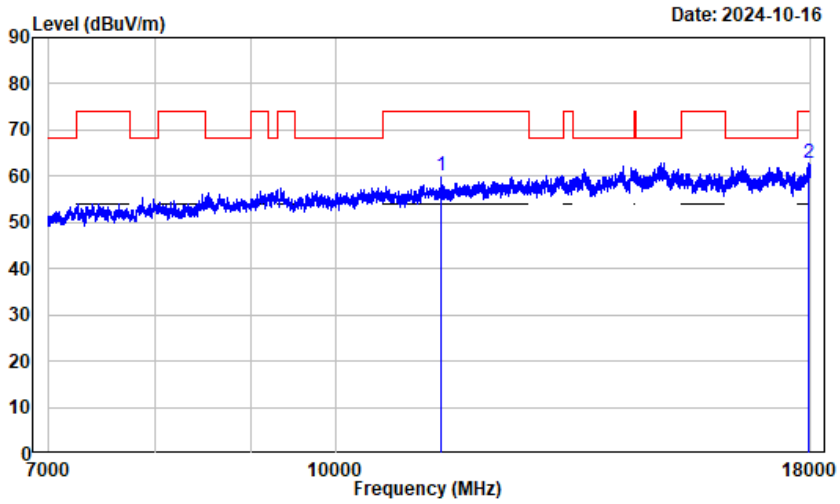
802.11ac20, 5700MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC20-5700 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6914.489 8.26 47.68 55.94 68.20 -12.26 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC20-5700 | | Freq | Factor | Read Level | Level | Limit Line | Over Limit | Remark | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | | 1 | 6798.225 | 7.36 | 49.21 | 56.57 | 68.20 | -11.63 | Peak |

Horizontal-Peak

7-18GHz

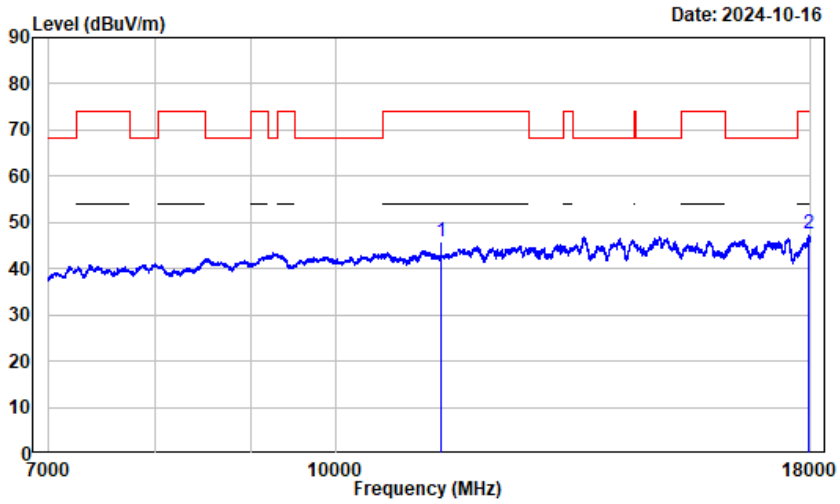


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	45.94	60.02	74.00	-13.98	Peak
2	17940.490	24.19	38.78	62.97	74.00	-11.03	Peak

Horizontal-Average

7-18GHz



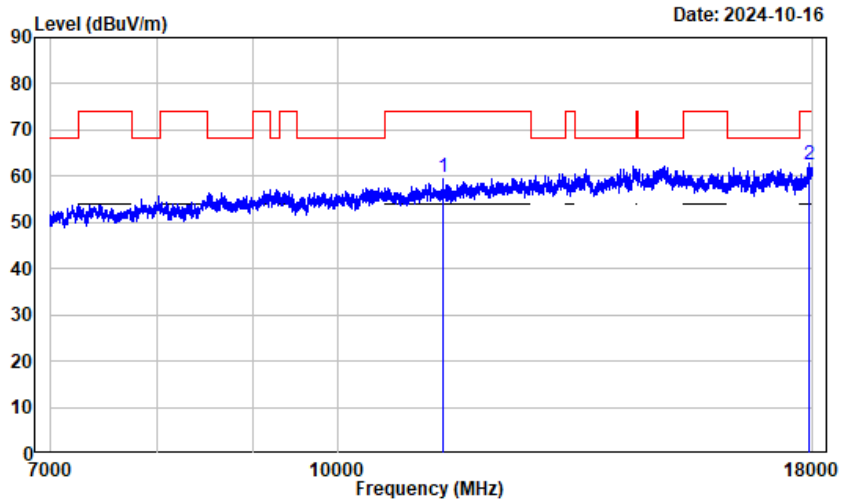
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.60	45.68	54.00	-8.32	Average
2	17960.120	24.34	23.13	47.47	54.00	-6.53	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

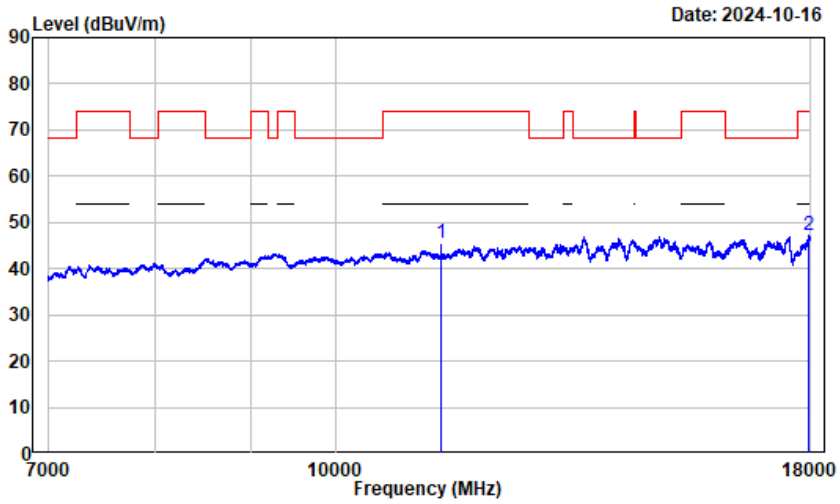


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	45.75	59.83	74.00	-14.17	Peak
2	17914.240	24.01	38.49	62.50	74.00	-11.50	Peak

Vertical-Average

7-18GHz

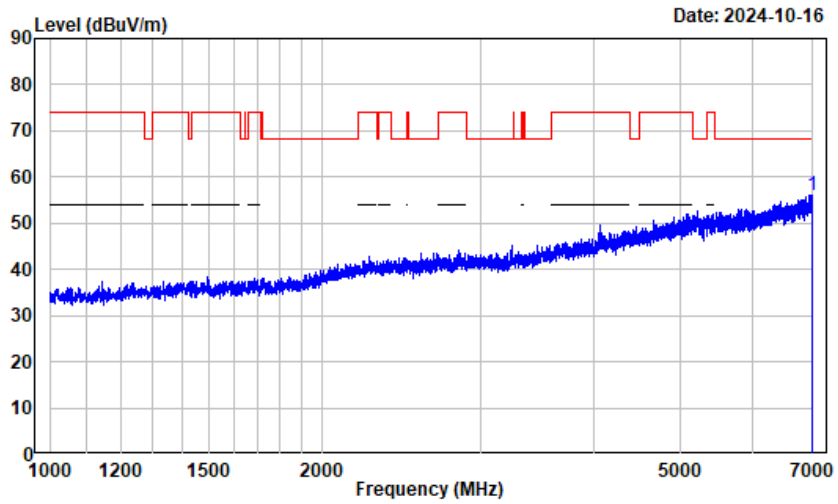


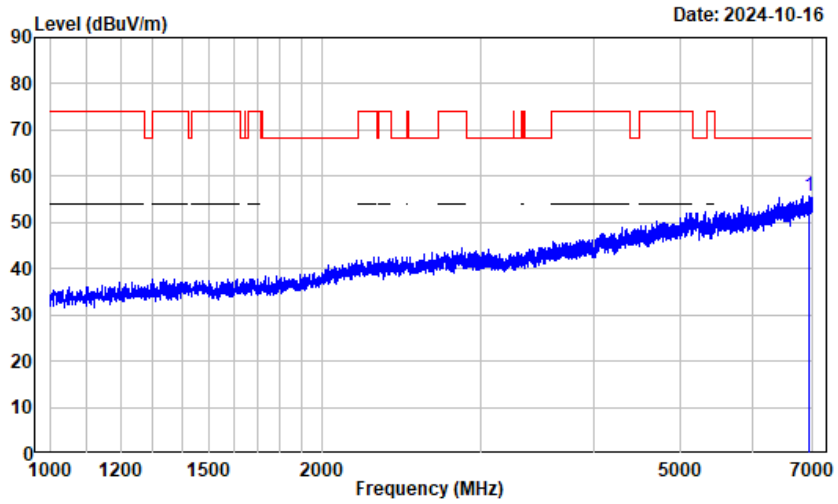
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.42	45.50	54.00	-8.50	Average
2	17955.990	24.31	23.00	47.31	54.00	-6.69	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

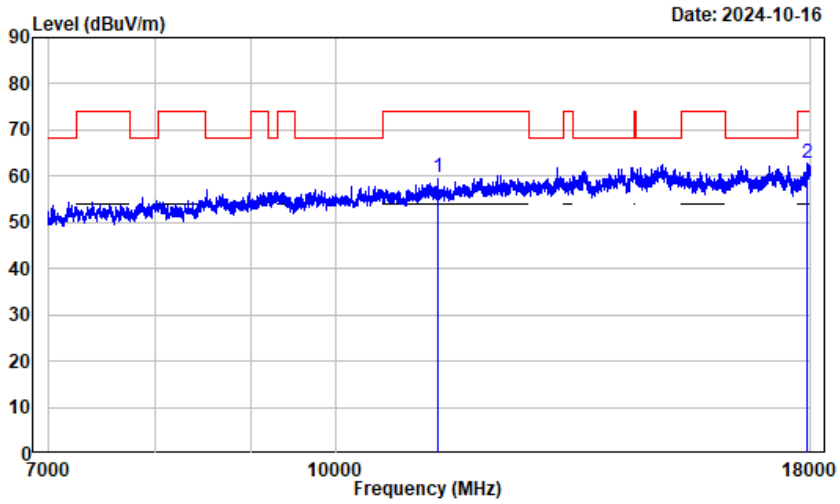
802.11ac40, 5670MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC40-5670 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6985.748 8.64 47.55 56.19 68.20 -12.01 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC40-5670 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6930.991 8.46 47.37 55.83 68.20 -12.37 Peak

Horizontal-Peak

7-18GHz

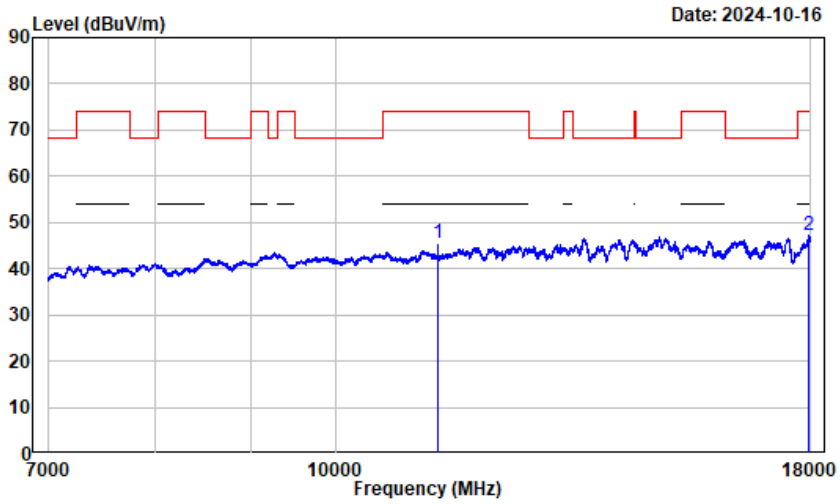


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	45.74	59.73	74.00	-14.27	Peak
2	17933.490	24.14	38.72	62.86	74.00	-11.14	Peak

Horizontal-Average

7-18GHz



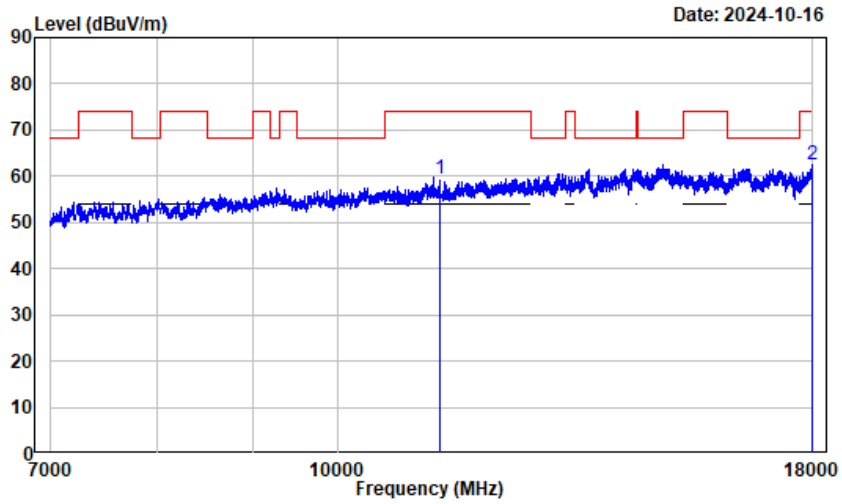
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	31.61	45.60	54.00	-8.40	Average
2	17955.990	24.31	22.98	47.29	54.00	-6.71	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

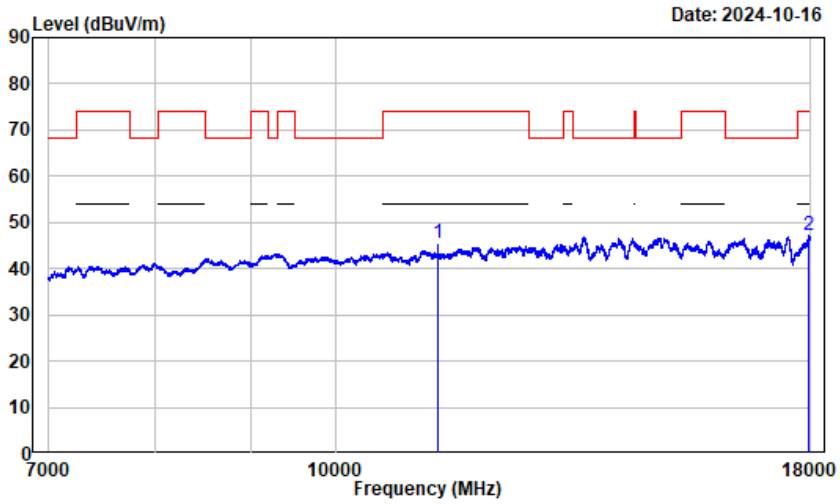


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	45.57	59.56	74.00	-14.44	Peak
2	17986.000	24.52	37.95	62.47	74.00	-11.53	Peak

Vertical-Average

7-18GHz

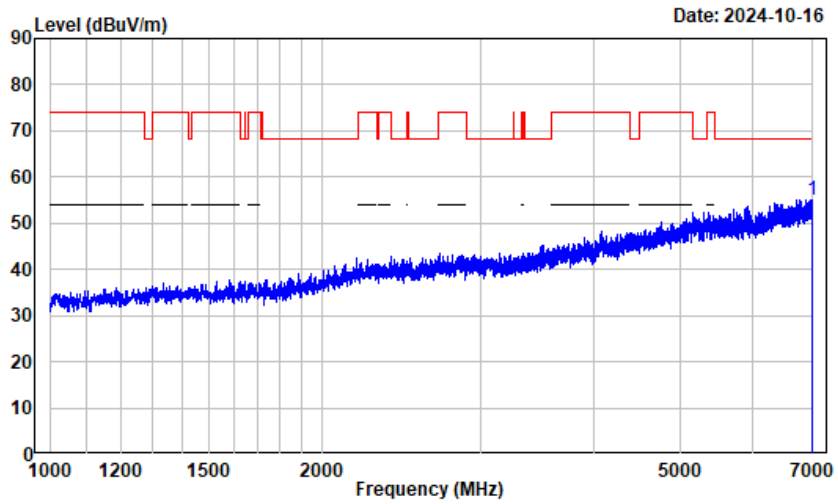


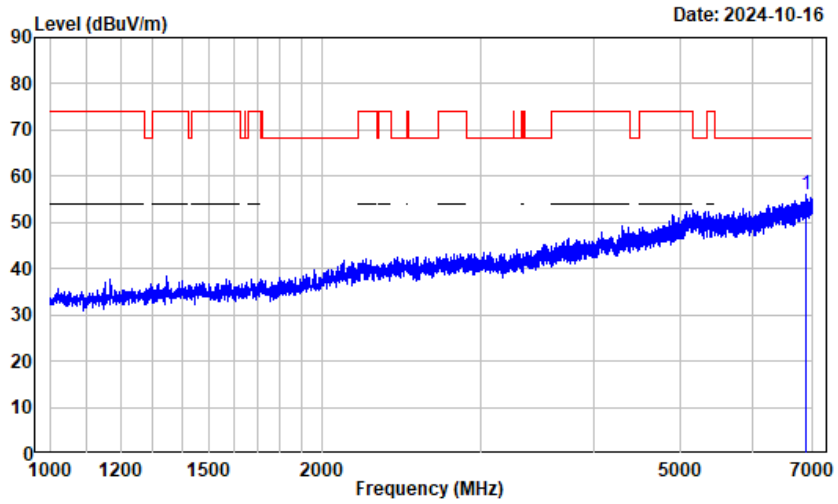
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	31.45	45.44	54.00	-8.56	Average
2	17958.740	24.33	22.88	47.21	54.00	-6.79	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ac80, 5610MHz

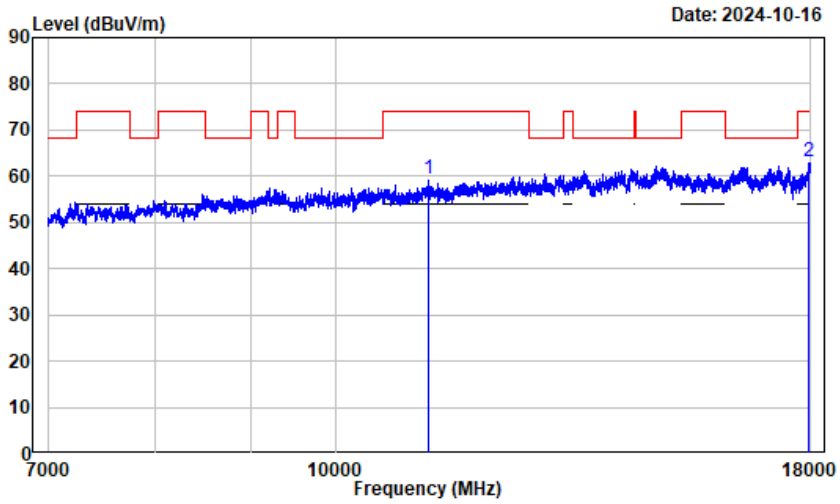
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC80-5610 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6986.499 8.63 46.50 55.13 68.20 -13.07 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6868.733	7.96	48.20	56.16	68.20	-12.04	Peak

Horizontal-Peak

7-18GHz

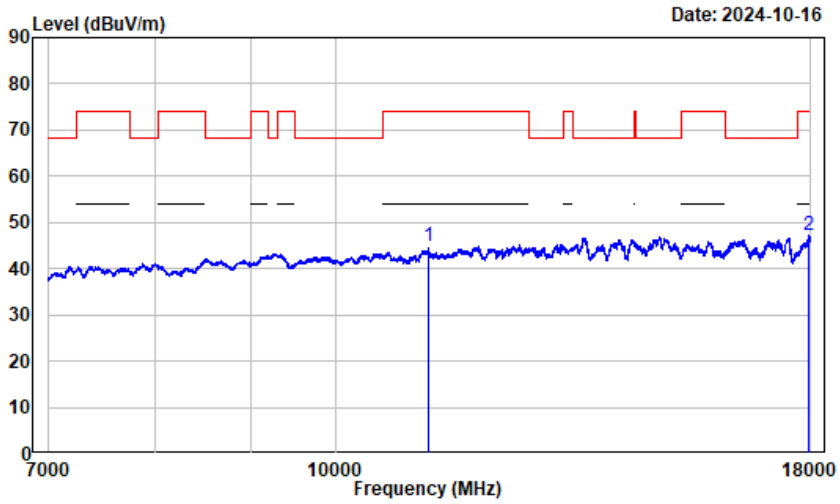


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	45.77	59.50	74.00	-14.50	Peak
2	17949.240	24.25	38.80	63.05	74.00	-10.95	Peak

Horizontal-Average

7-18GHz



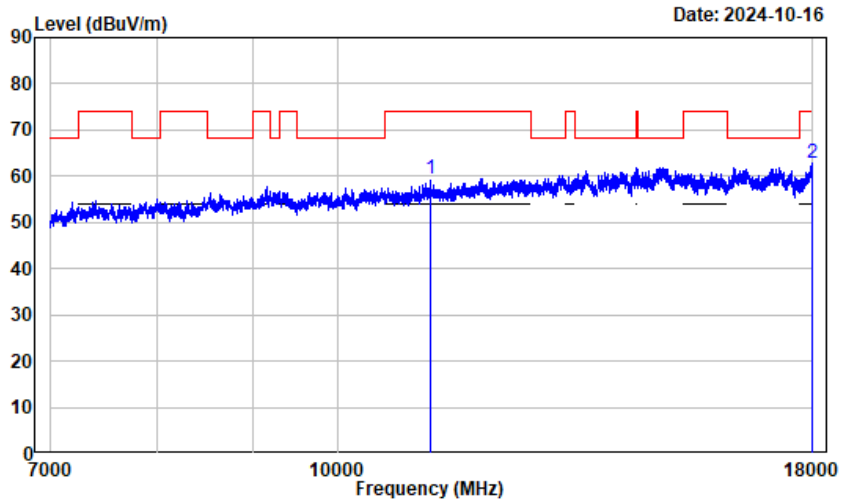
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	31.25	44.98	54.00	-9.02	Average
2	17955.990	24.31	23.05	47.36	54.00	-6.64	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

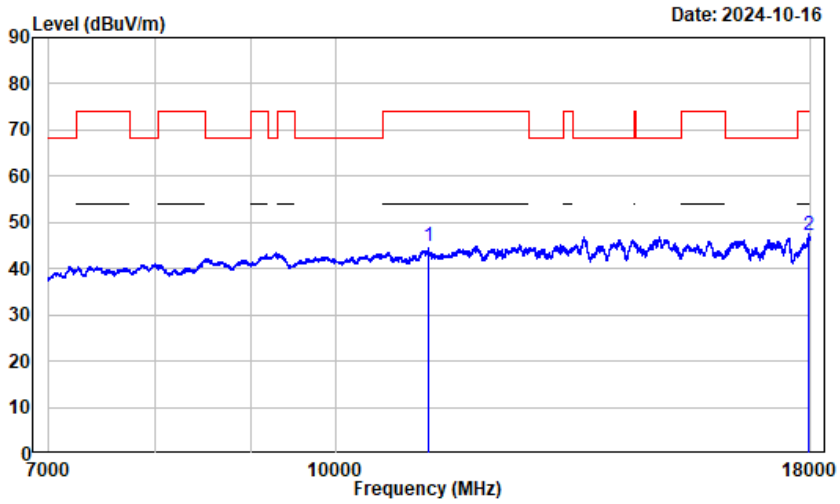


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	45.54	59.27	74.00	-14.73	Peak
2	17996.500	24.60	38.11	62.71	74.00	-11.29	Peak

Vertical-Average

7-18GHz

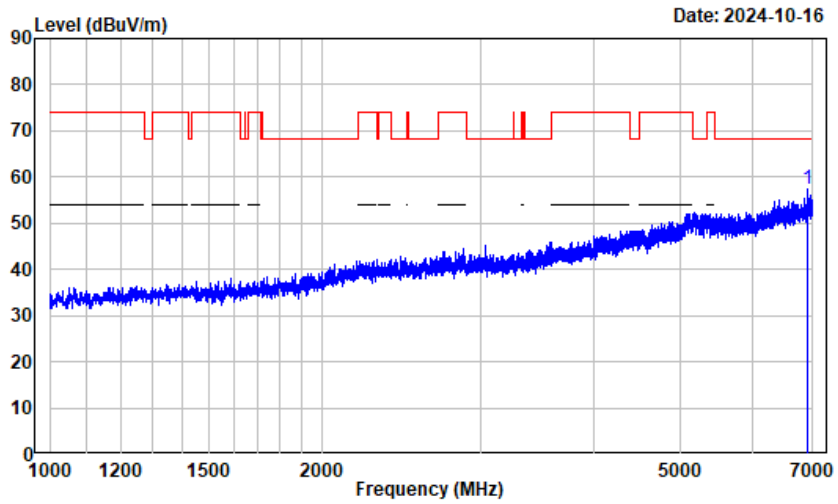


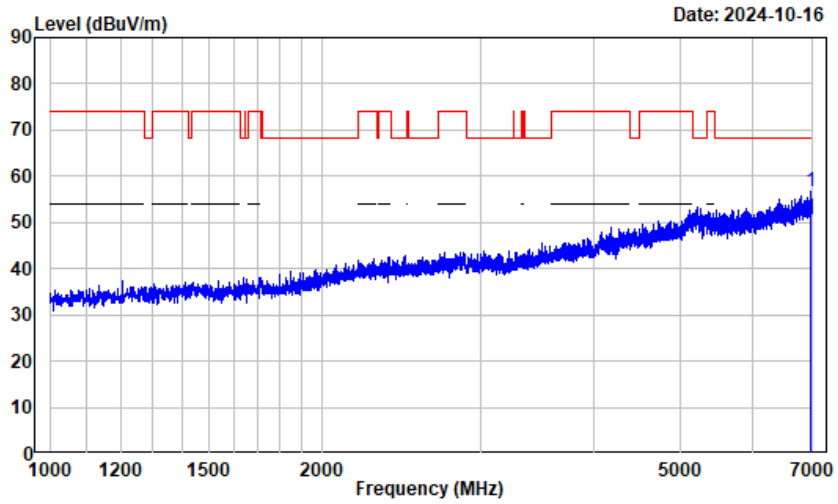
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	31.08	44.81	54.00	-9.19	Average
2	17955.990	24.31	22.89	47.20	54.00	-6.80	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

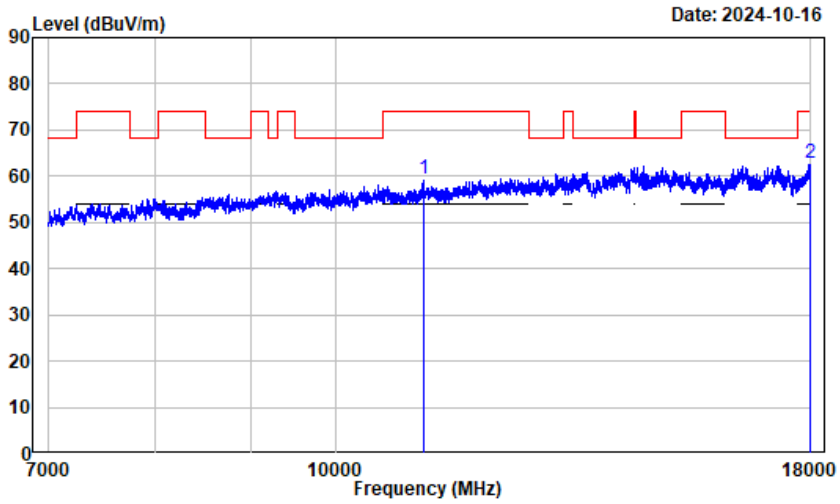
802.11ac160, 5570MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC160-5570 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6902.488 8.11 49.19 57.30 68.20 -10.90 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AC160-5570 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6968.496 8.67 48.05 56.72 68.20 -11.48 Peak

Horizontal-Peak

7-18GHz

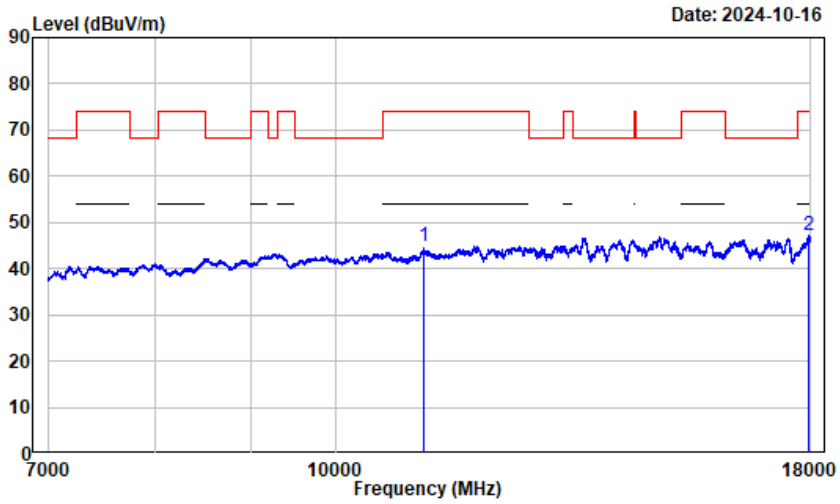


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	45.78	59.31	74.00	-14.69	Peak
2	17989.500	24.55	38.18	62.73	74.00	-11.27	Peak

Horizontal-Average

7-18GHz



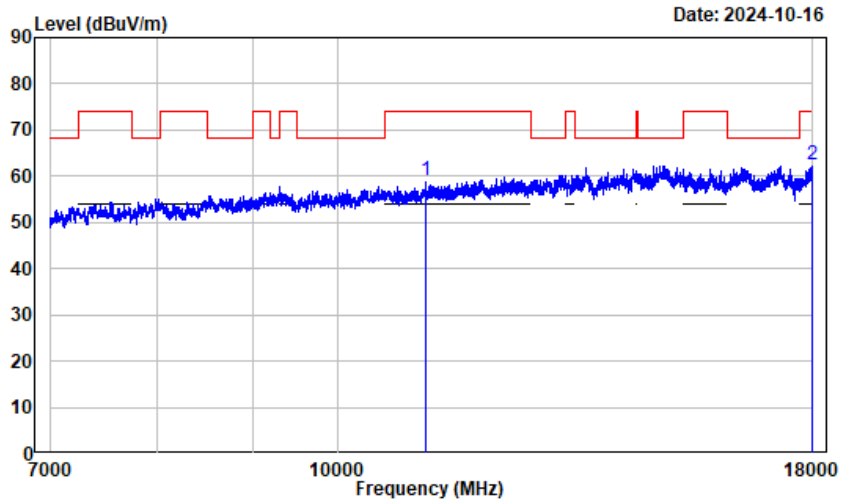
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	31.29	44.82	54.00	-9.18	Average
2	17962.870	24.36	22.98	47.34	54.00	-6.66	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

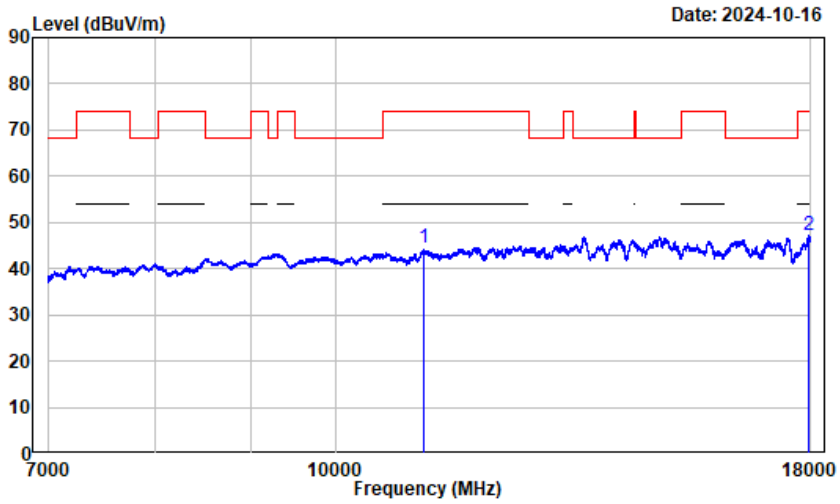


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	45.55	59.08	74.00	-14.92	Peak
2	17984.250	24.51	38.08	62.59	74.00	-11.41	Peak

Vertical-Average

7-18GHz

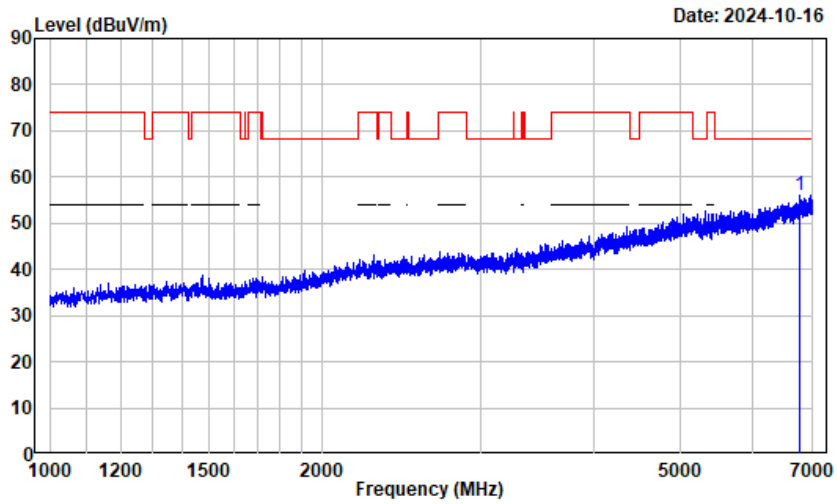


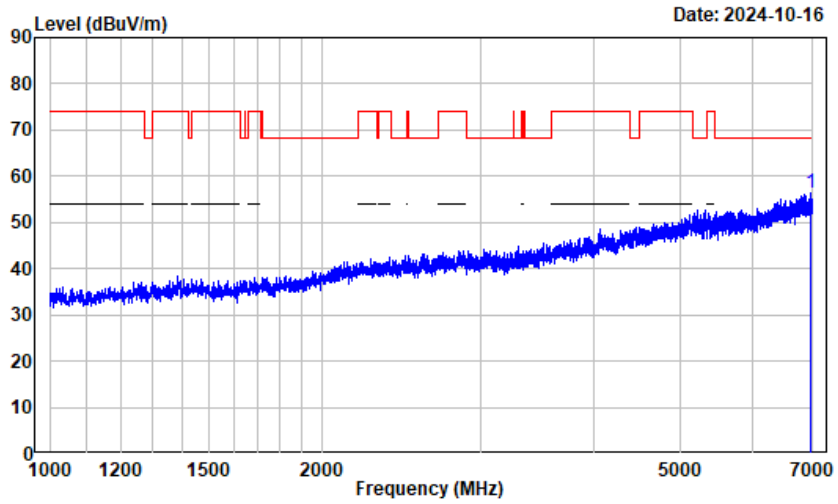
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AC160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	31.12	44.65	54.00	-9.35	Average
2	17962.870	24.36	22.85	47.21	54.00	-6.79	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

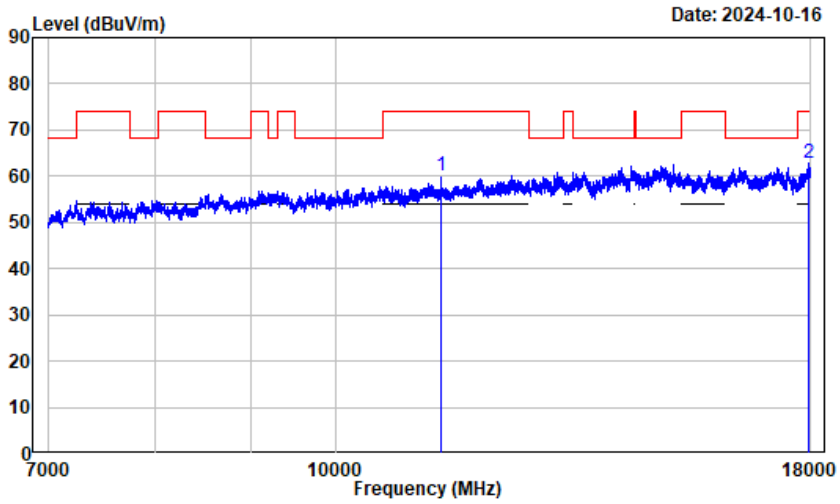
802.11ax20, 5700MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX20-5700 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6773.472 7.35 48.54 55.89 68.20 -12.31 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX20-5700 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6960.245 8.68 47.79 56.47 68.20 -11.73 Peak

Horizontal-Peak

7-18GHz

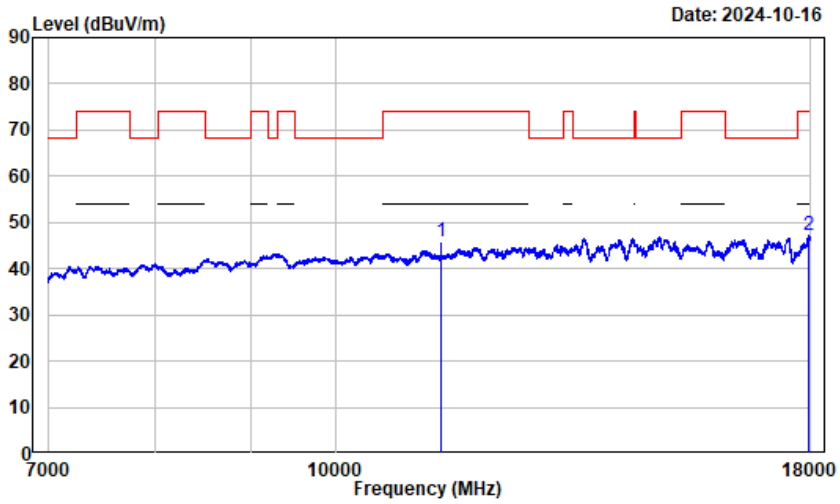


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	46.04	60.12	74.00	-13.88	Peak
2	17950.990	24.28	38.58	62.86	74.00	-11.14	Peak

Horizontal-Average

7-18GHz



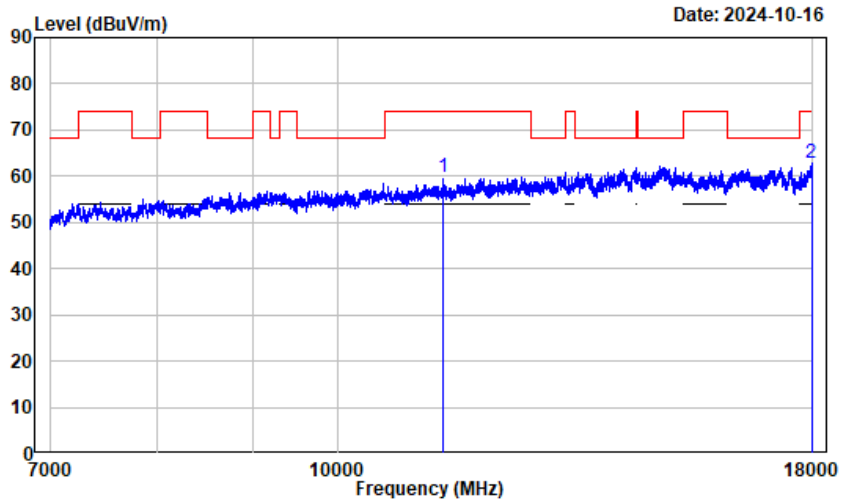
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.67	45.75	54.00	-8.25	Average
2	17955.360	24.31	22.99	47.30	54.00	-6.70	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

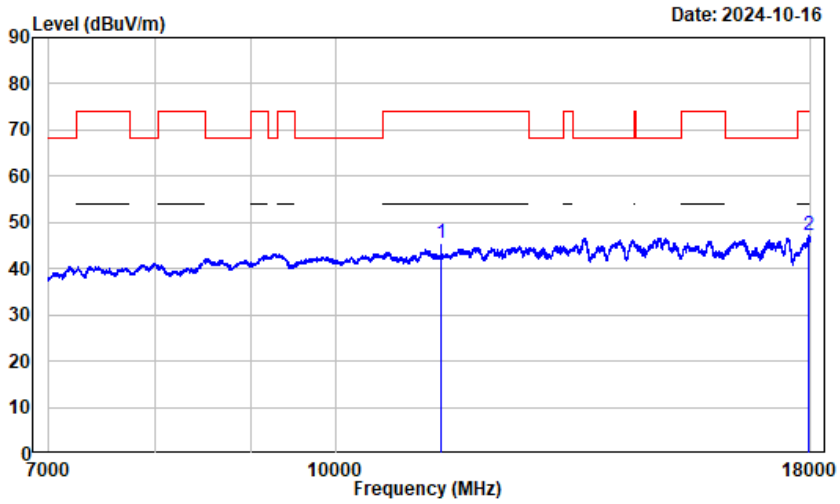


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	45.85	59.93	74.00	-14.07	Peak
2	17973.750	24.44	38.28	62.72	74.00	-11.28	Peak

Vertical-Average

7-18GHz

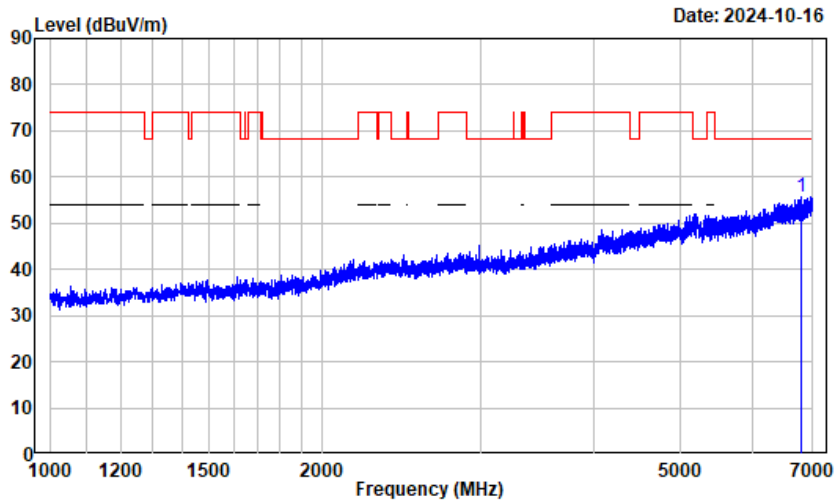


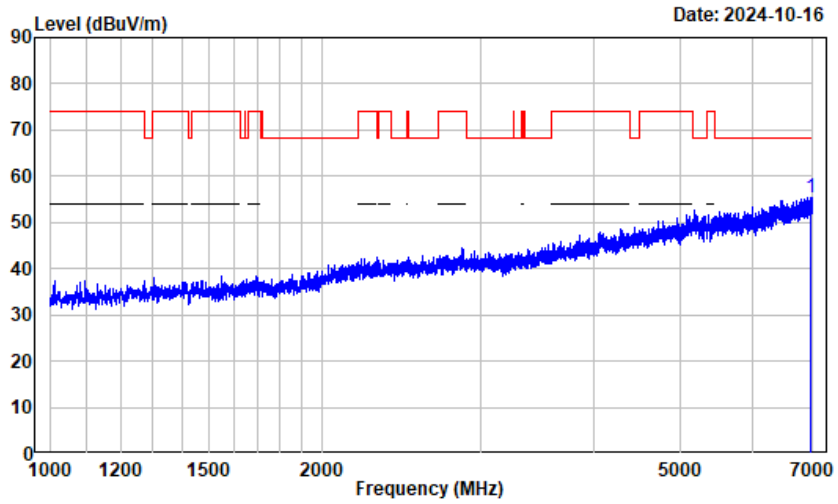
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX20-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	14.08	31.51	45.59	54.00	-8.41	Average
2	17953.240	24.29	22.89	47.18	54.00	-6.82	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

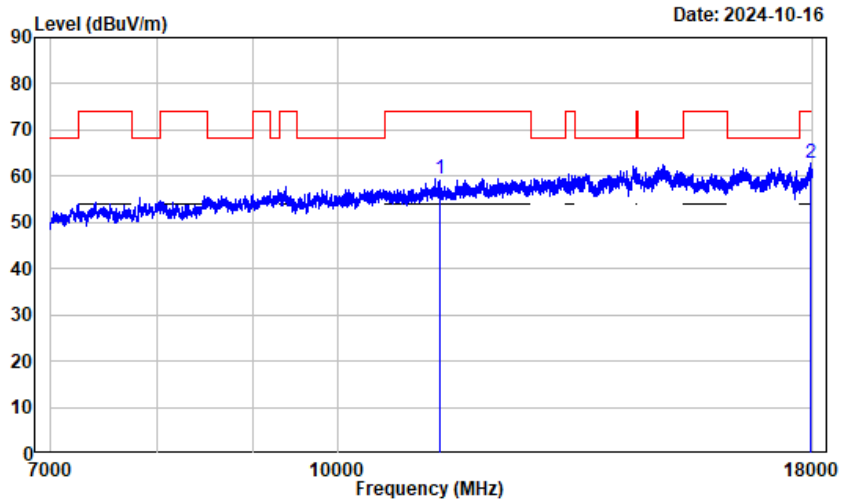
802.11ax40, 5670MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX40-5670 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6807.976 7.43 48.37 55.80 68.20 -12.40 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX40-5670 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6966.996 8.66 46.67 55.33 68.20 -12.87 Peak

Horizontal-Peak

7-18GHz

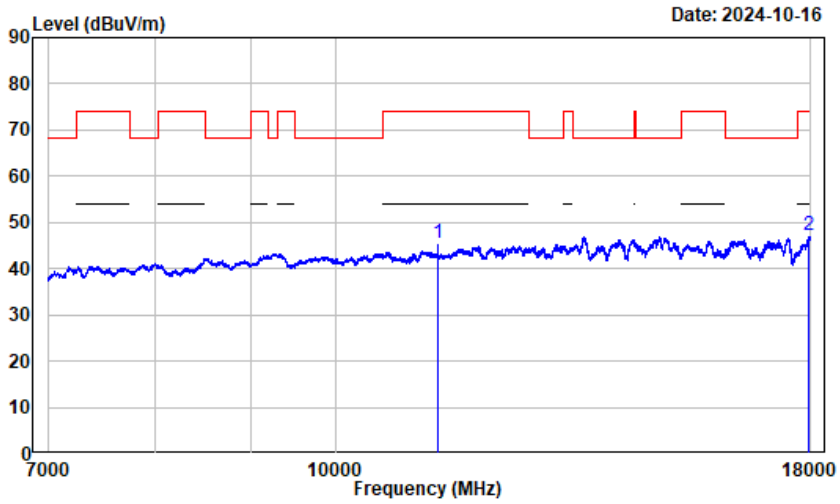


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	45.42	59.41	74.00	-14.59	Peak
2	17947.490	24.24	38.63	62.87	74.00	-11.13	Peak

Horizontal-Average

7-18GHz



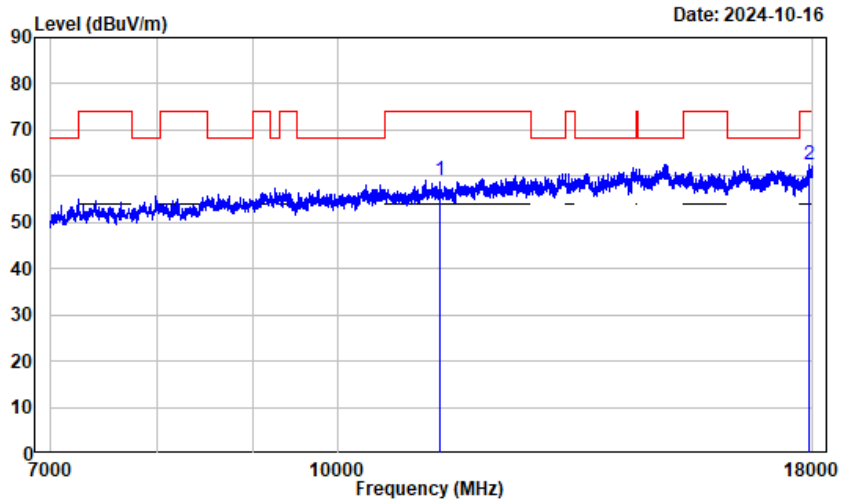
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	31.53	45.52	54.00	-8.48	Average
2	17960.450	24.34	22.97	47.31	54.00	-6.69	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

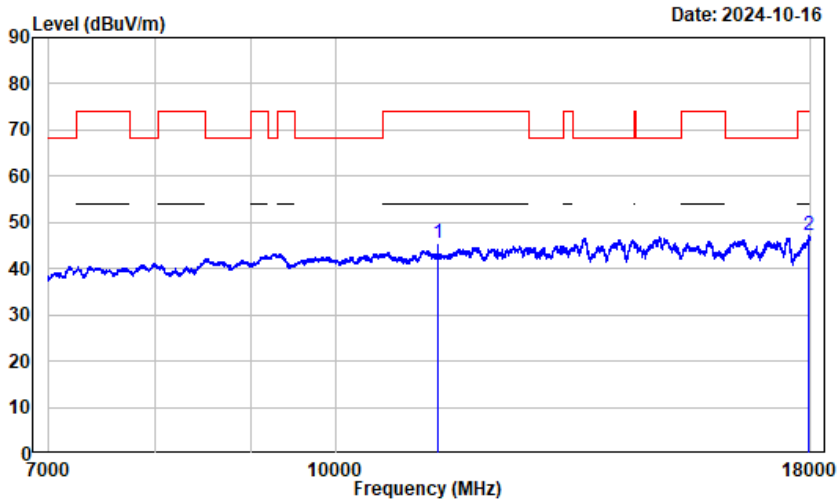


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	45.25	59.24	74.00	-14.76	Peak
2	17907.240	23.96	38.67	62.63	74.00	-11.37	Peak

Vertical-Average

7-18GHz

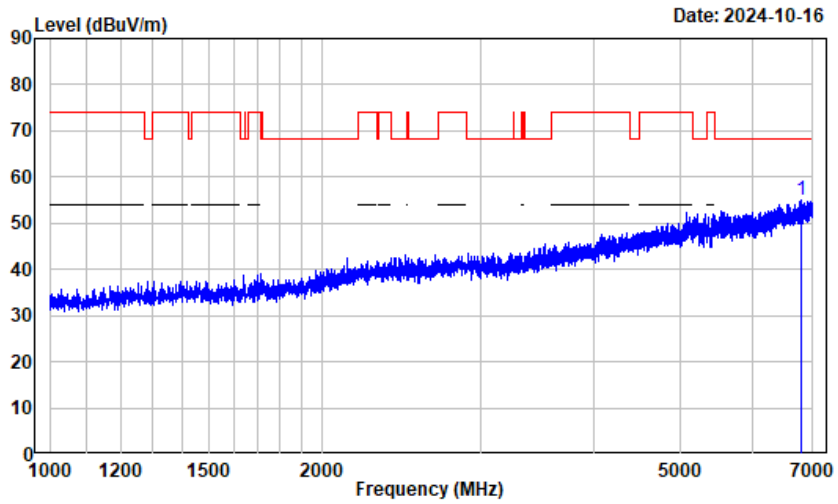


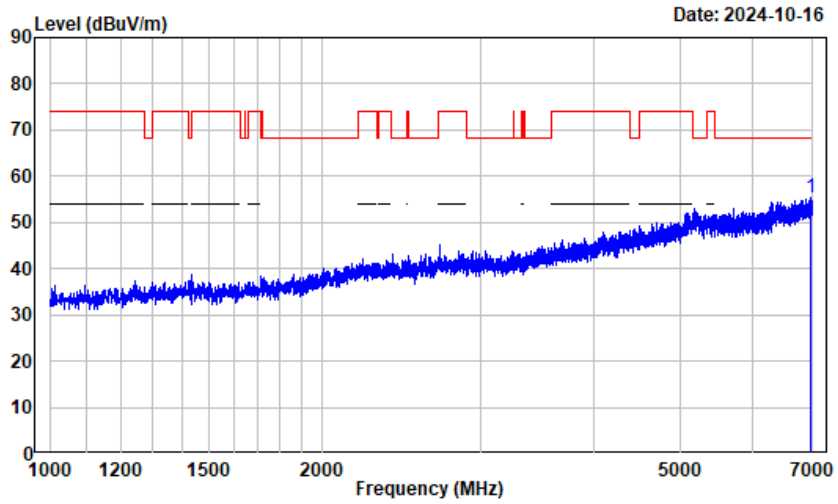
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX40-5670

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	13.99	31.36	45.35	54.00	-8.65	Average
2	17961.500	24.35	22.79	47.14	54.00	-6.86	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

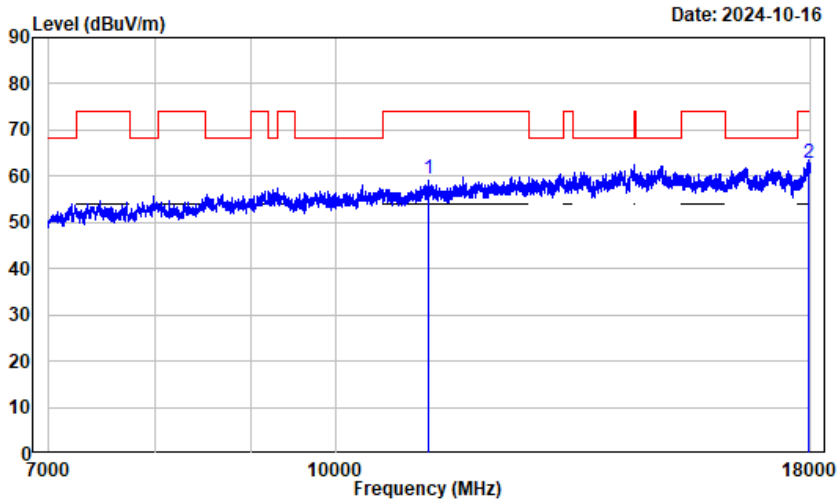
802.11ax80, 5610MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX80-5610 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6808.726 7.45 47.45 54.90 68.20 -13.30 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX80-5610 | | Freq | Factor | Read Level | Level | Limit Line | Over Limit | Remark | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | | 1 | 6960.995 | 8.69 | 46.64 | 55.33 | 68.20 | -12.87 | Peak |

Horizontal-Peak

7-18GHz

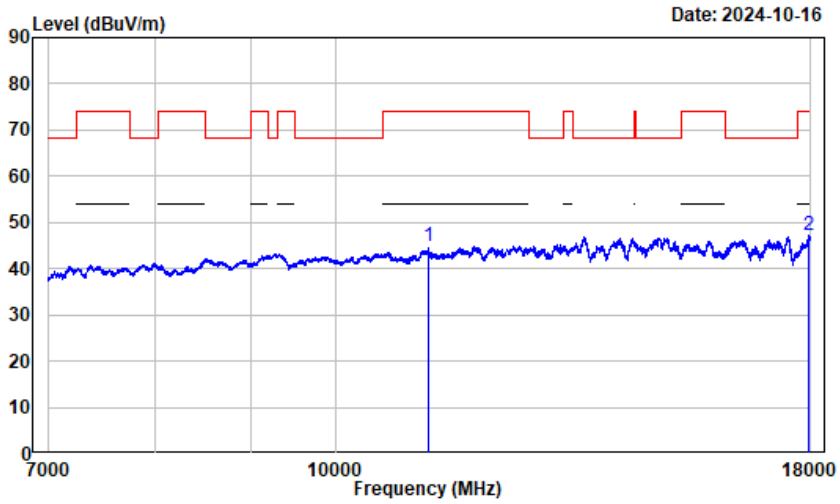


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	45.65	59.38	74.00	-14.62	Peak
2	17959.740	24.34	38.61	62.95	74.00	-11.05	Peak

Horizontal-Average

7-18GHz



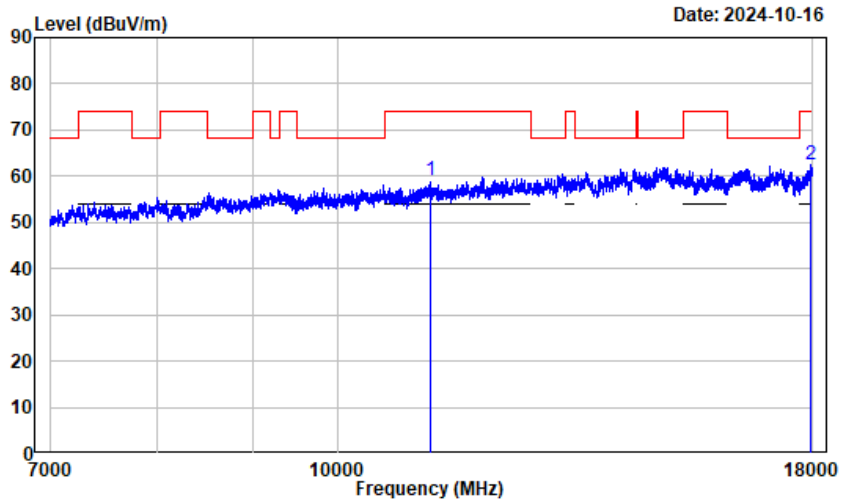
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	31.13	44.86	54.00	-9.14	Average
2	17958.740	24.33	22.90	47.23	54.00	-6.77	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

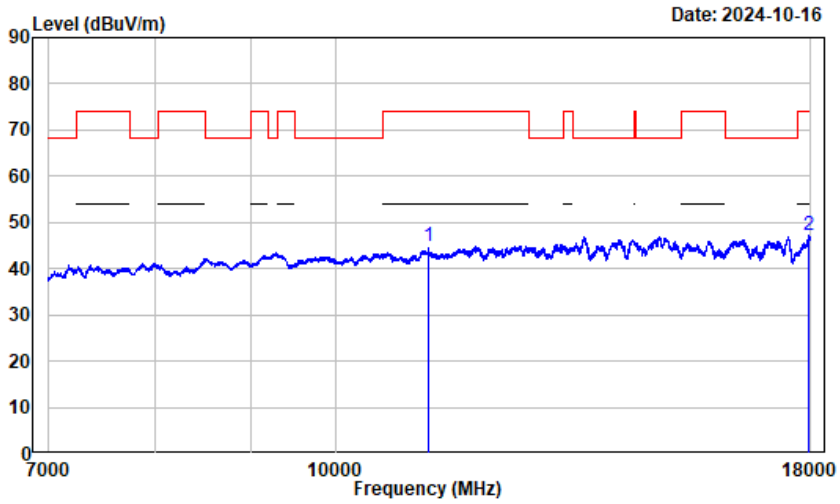


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX80-5610

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	45.44	59.17	74.00	-14.83	Peak
2	17968.500	24.40	38.08	62.48	74.00	-11.52	Peak

Vertical-Average

7-18GHz

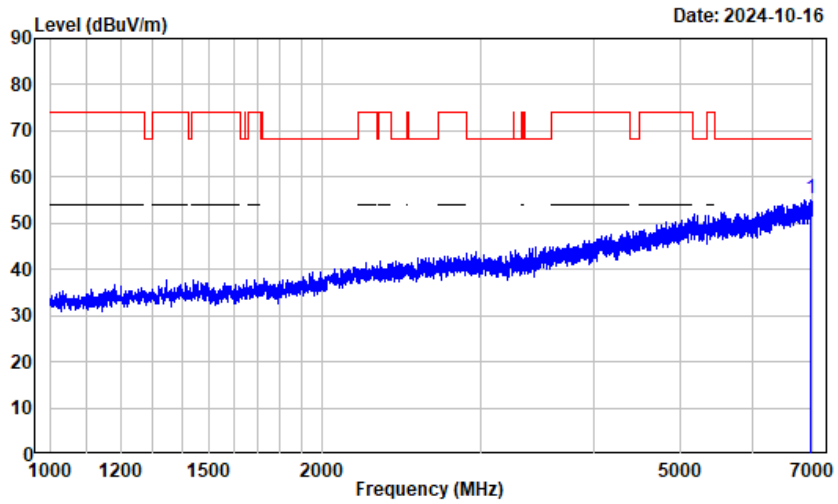


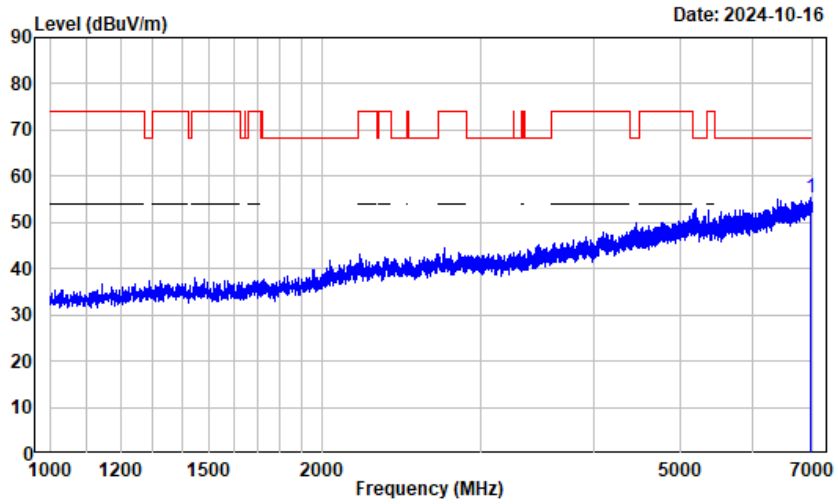
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX80-5610

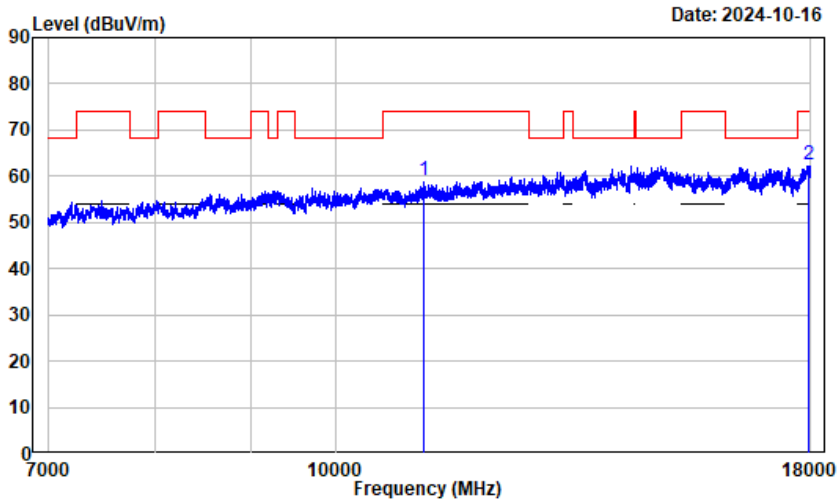
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11220.000	13.73	30.96	44.69	54.00	-9.31	Average
2	17957.370	24.32	22.87	47.19	54.00	-6.81	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ax160, 5570MHz

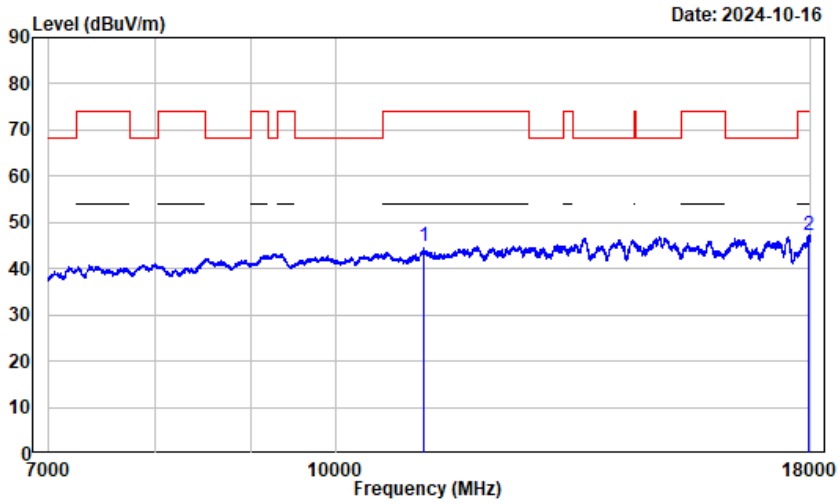
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX160-5570 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6962.495 8.68 46.54 55.22 68.20 -12.98 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX160-5570 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6965.496 8.67 46.55 55.22 68.20 -12.98 Peak

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band3-AX160-5570 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 11140.000 13.53 45.59 59.12 74.00 -14.88 Peak 2 17972.000 24.42 38.20 62.62 74.00 -11.38 Peak

Horizontal-Average

7-18GHz



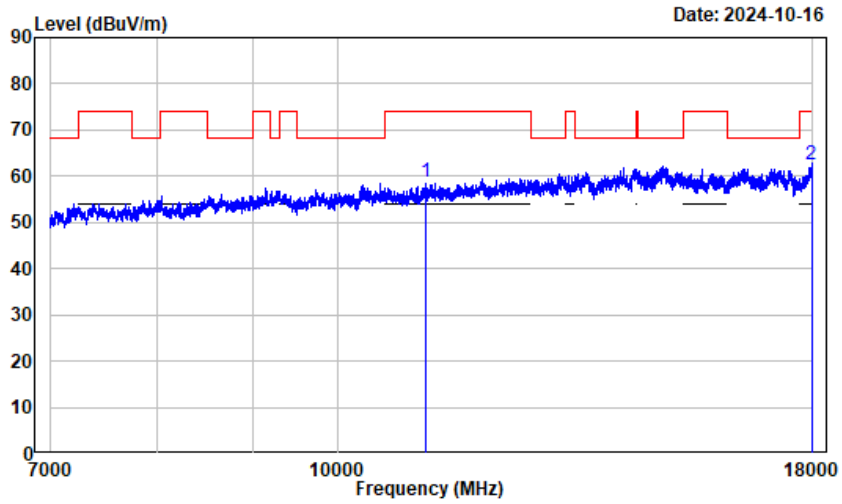
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	31.15	44.68	54.00	-9.32	Average
2	17955.990	24.31	22.93	47.24	54.00	-6.76	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

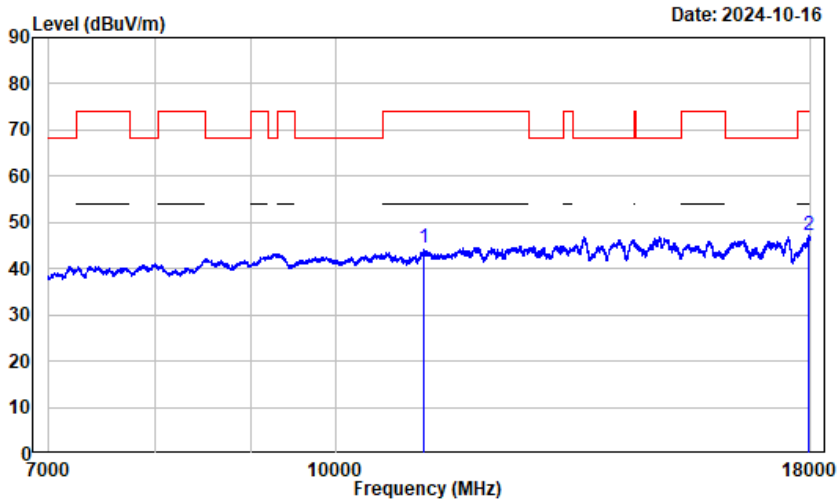


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX160-5570

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	45.37	58.90	74.00	-15.10	Peak
2	17973.750	24.44	38.05	62.49	74.00	-11.51	Peak

Vertical-Average

7-18GHz



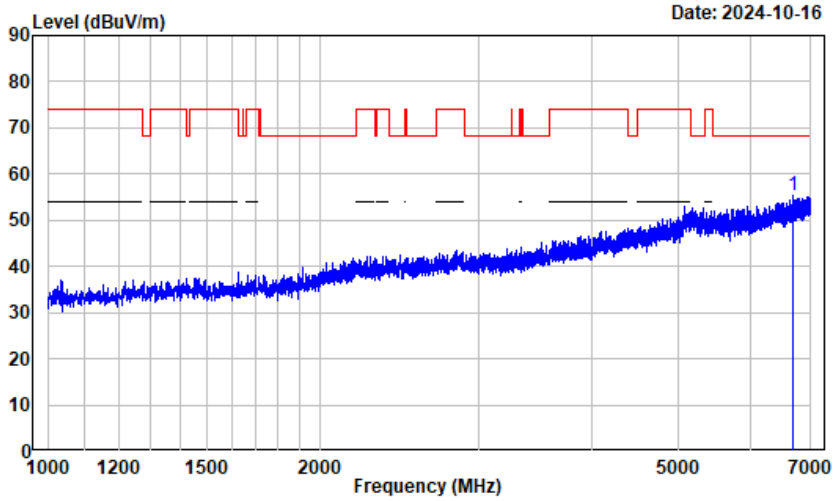
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-AX160-5570

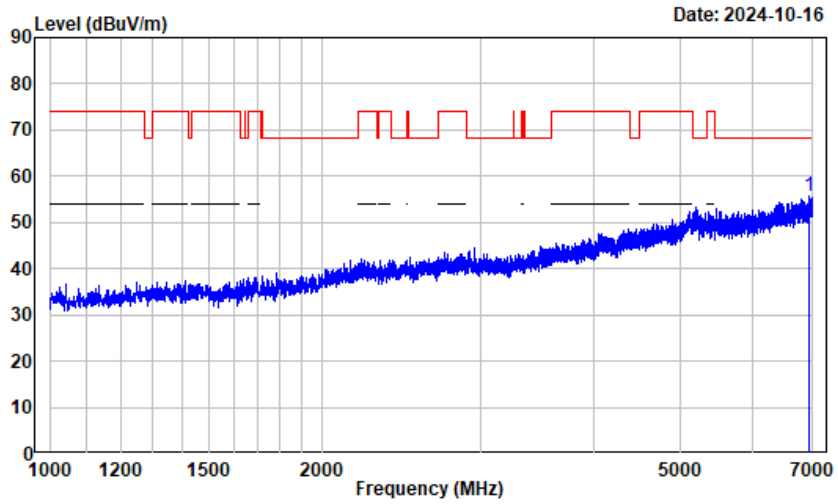
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11140.000	13.53	30.98	44.51	54.00	-9.49	Average
2	17960.120	24.34	22.81	47.15	54.00	-6.85	Average

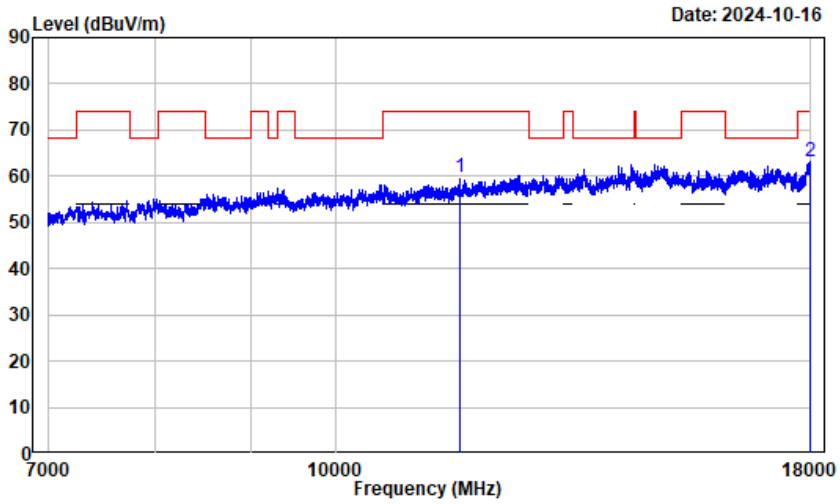
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

5725 – 5850MHz

802.11a, 5825MHz

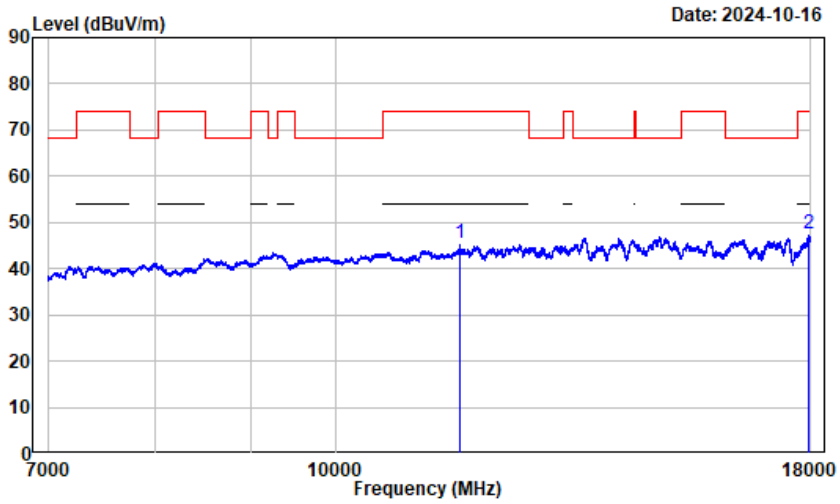
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-A-5825 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6700.712 7.03 48.41 55.44 68.20 -12.76 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-A-5825 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6944.493 8.62 47.04 55.66 68.20 -12.54 Peak

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-A-5825 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 11650.000 13.83 45.81 59.64 74.00 -14.36 Peak 2 17993.000 24.57 38.56 63.13 74.00 -10.87 Peak

Horizontal-Average

7-18GHz



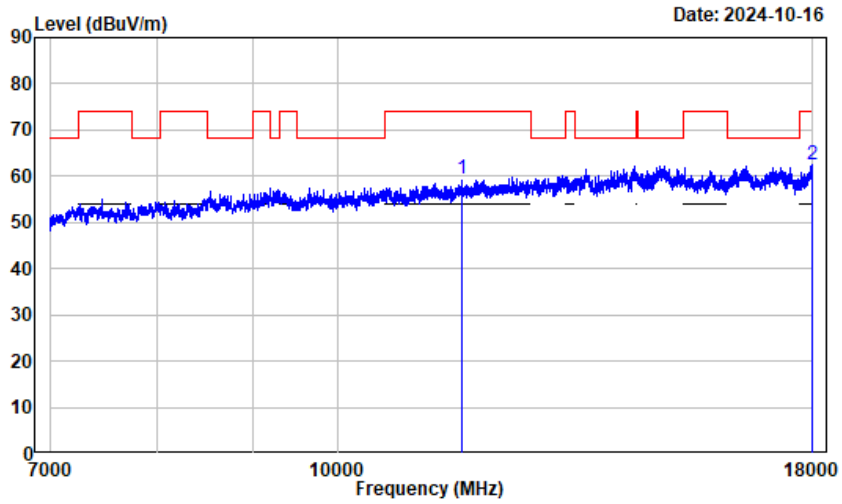
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.64	45.47	54.00	-8.53	Average
2	17958.740	24.33	23.07	47.40	54.00	-6.60	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

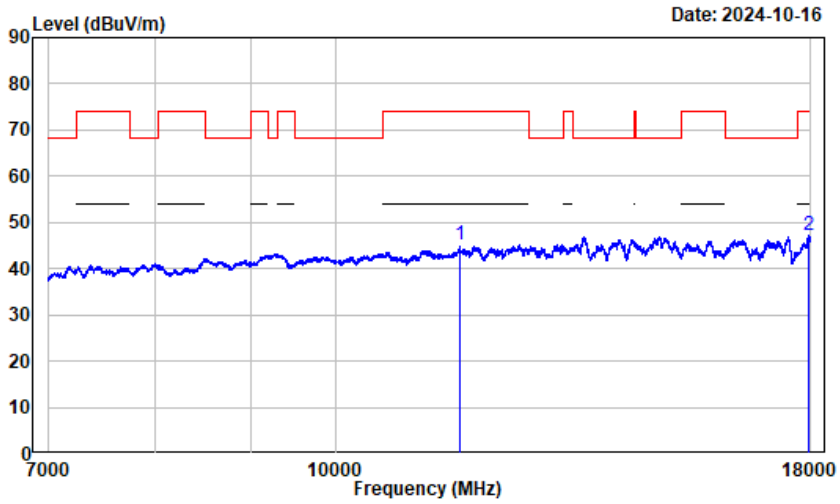


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	45.66	59.49	74.00	-14.51	Peak
2	17980.750	24.48	38.05	62.53	74.00	-11.47	Peak

Vertical-Average

7-18GHz

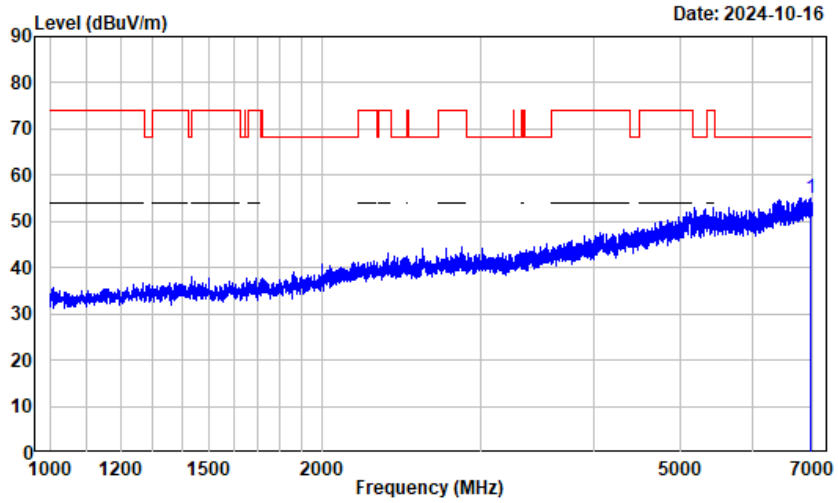


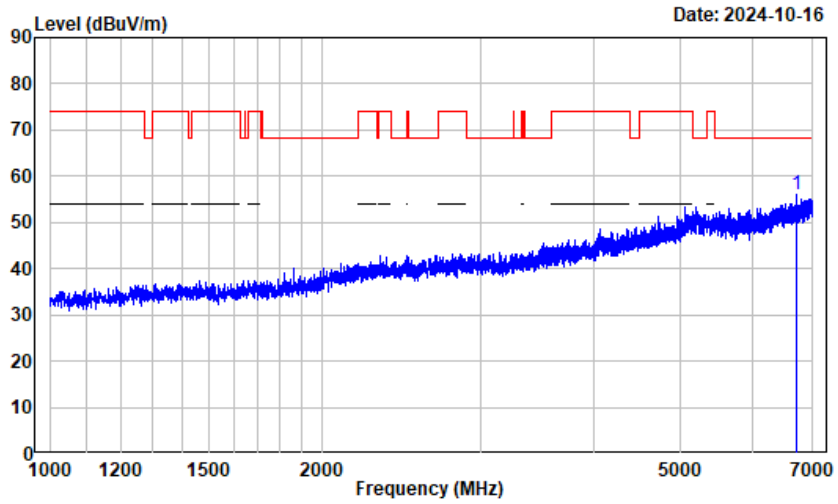
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-A-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.48	45.31	54.00	-8.69	Average
2	17955.990	24.31	22.95	47.26	54.00	-6.74	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

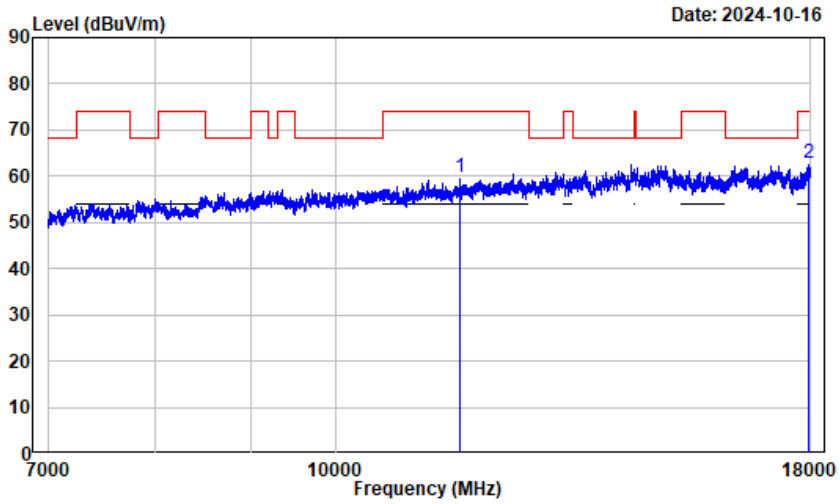
802.11ac20, 5825MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC20-5825 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6951.244 8.70 46.44 55.14 68.20 -13.06 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC20-5825 | | Freq | Factor | Read Level | Level | Limit Line | Over Limit | Remark | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | | 1 | 6720.965 | 7.16 | 48.86 | 56.02 | 68.20 | -12.18 | Peak |

Horizontal-Peak

7-18GHz

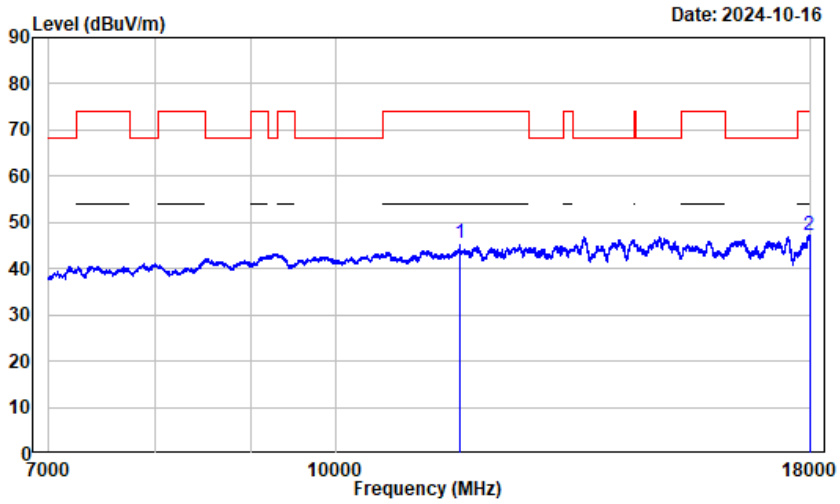


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	45.93	59.76	74.00	-14.24	Peak
2	17966.750	24.39	38.45	62.84	74.00	-11.16	Peak

Horizontal-Average

7-18GHz



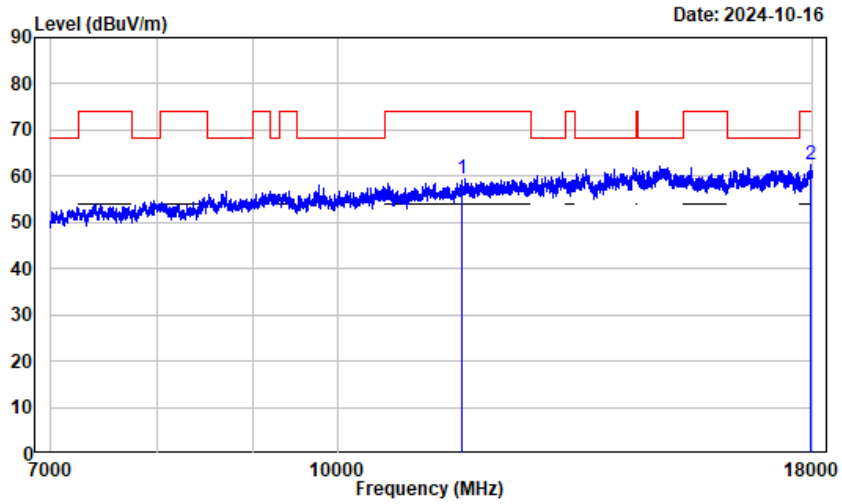
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.58	45.41	54.00	-8.59	Average
2	17972.500	24.43	22.79	47.22	54.00	-6.78	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

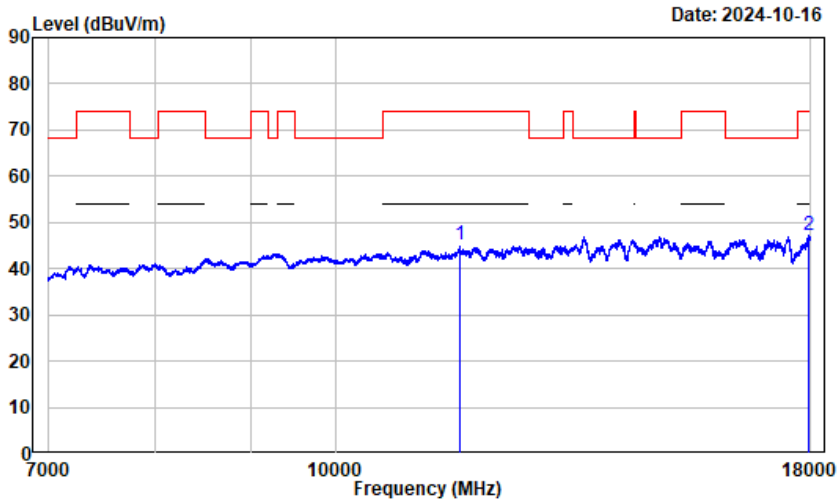


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	45.71	59.54	74.00	-14.46	Peak
2	17947.490	24.24	38.38	62.62	74.00	-11.38	Peak

Vertical-Average

7-18GHz

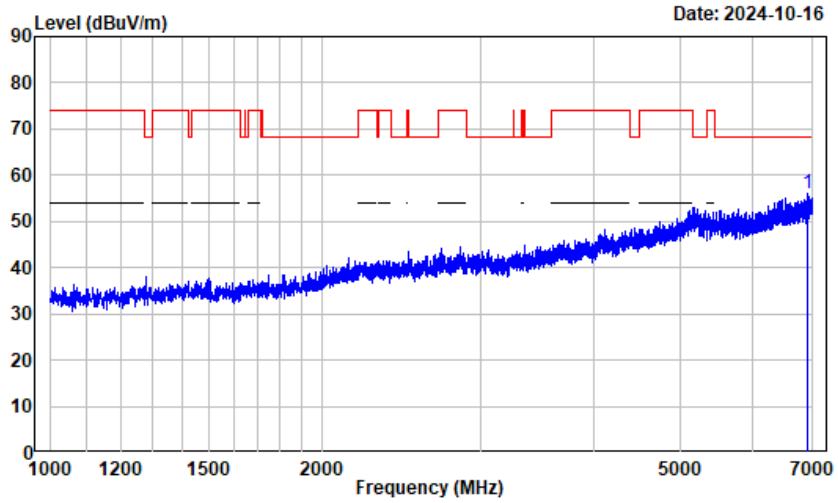


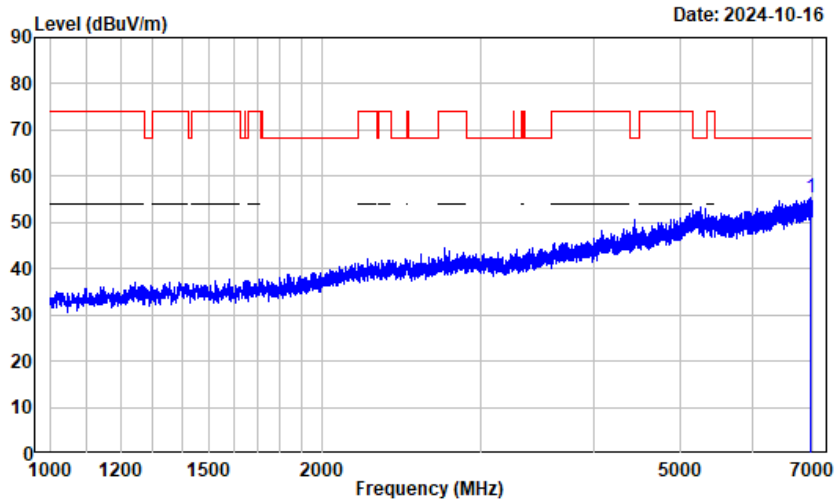
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC20-5825

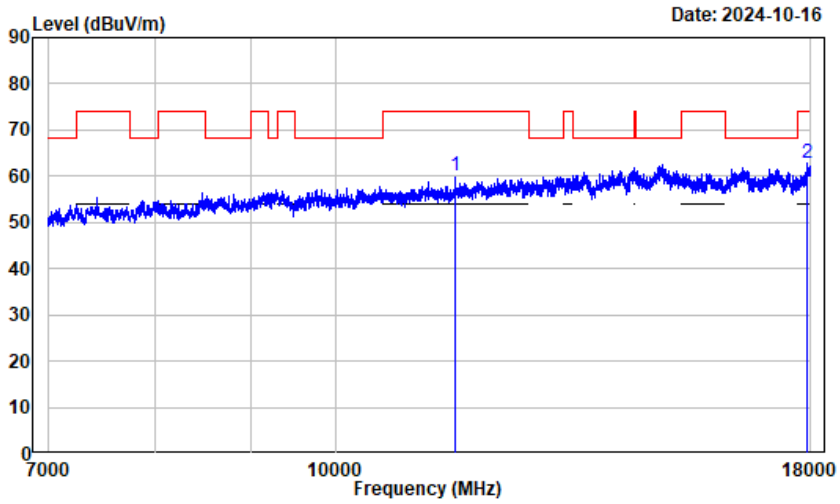
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.44	45.27	54.00	-8.73	Average
2	17958.740	24.33	22.78	47.11	54.00	-6.89	Average

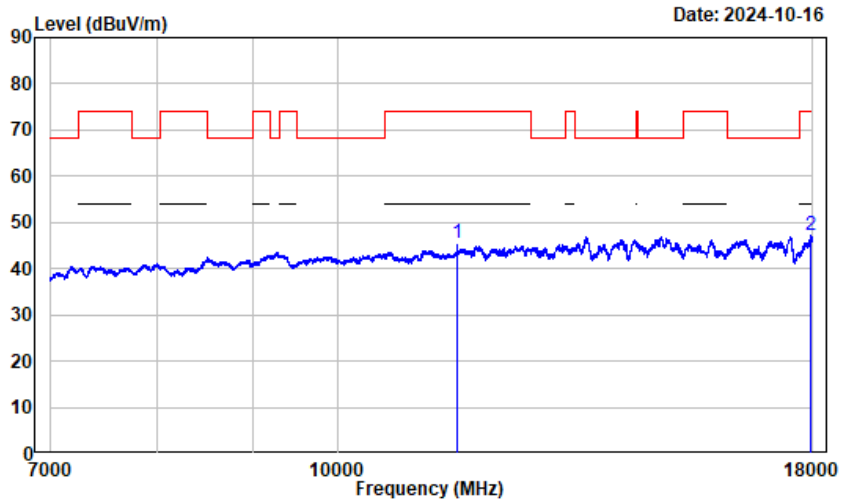
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ac40, 5795MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC40-5795 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6915.989 8.28 47.65 55.93 68.20 -12.27 Peak

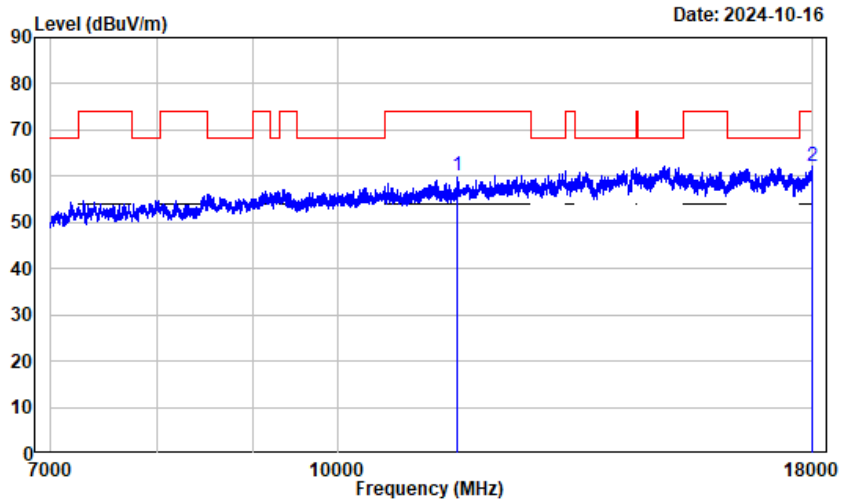
Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC40-5795 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6975.997 8.66 46.76 55.42 68.20 -12.78 Peak

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC40-5795 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 11590.000 13.97 46.16 60.13 74.00 -13.87 Peak 2 17915.990 24.02 38.94 62.96 74.00 -11.04 Peak

Horizontal-Average	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC40-5795 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark 1 11590.000 MHz 13.97 dB/m 31.64 dBuV 45.61 dBuV/m 54.00 dBuV/m -8.39 dB Average 2 17958.740 MHz 24.33 dB/m 22.92 dBuV 47.25 dBuV/m 54.00 dBuV/m -6.75 dB Average
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz	

Vertical-Peak

7-18GHz

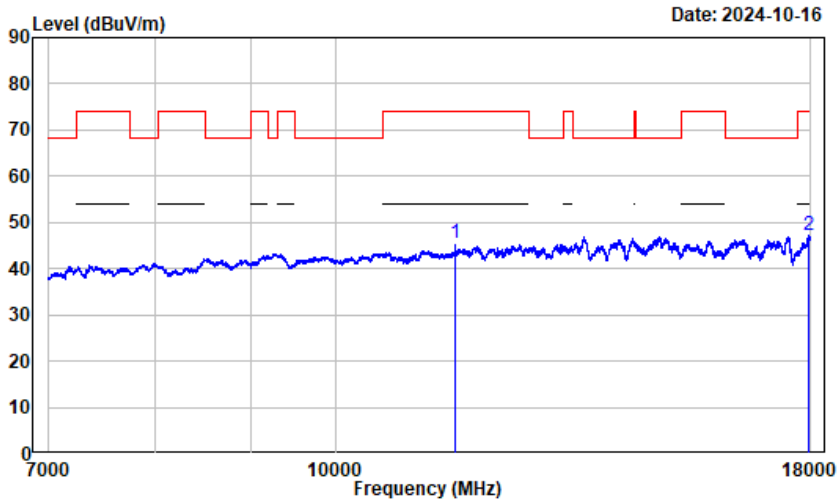


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	45.98	59.95	74.00	-14.05	Peak
2	17982.500	24.49	37.81	62.30	74.00	-11.70	Peak

Vertical-Average

7-18GHz

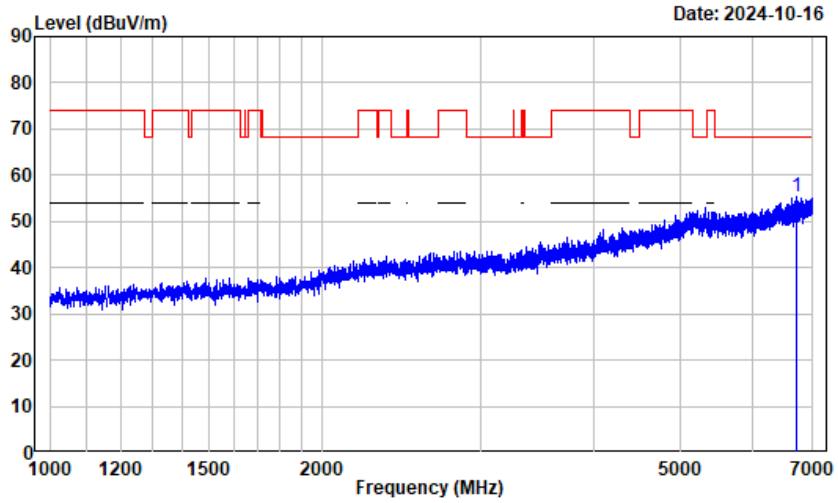


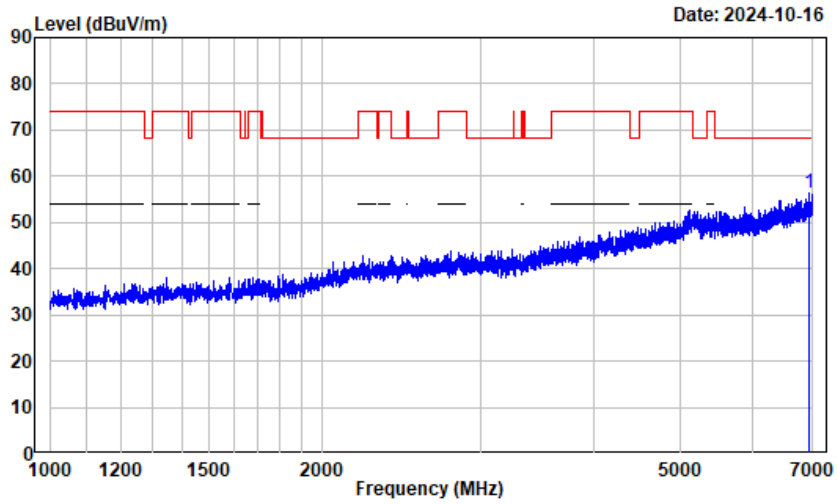
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	31.47	45.44	54.00	-8.56	Average
2	17953.240	24.29	22.83	47.12	54.00	-6.88	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

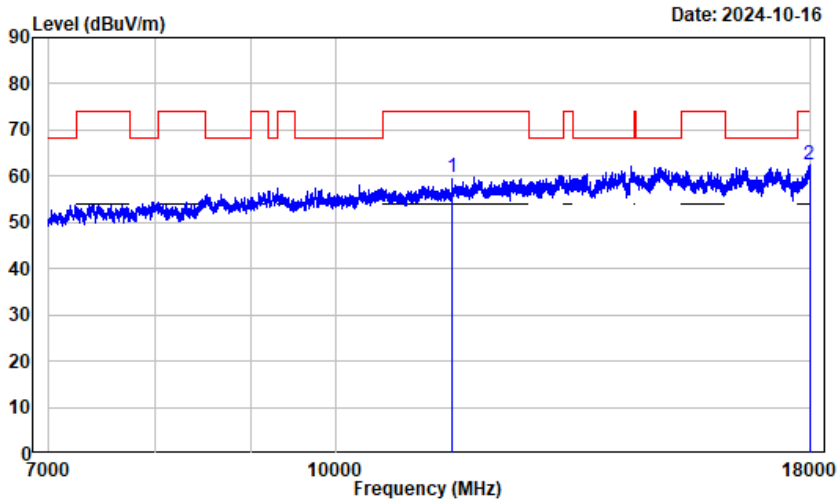
802.11ac80, 5775MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC80-5775 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6715.714 7.13 48.29 55.42 68.20 -12.78 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AC80-5775 | | Freq | Factor | Read Level | Level | Limit Line | Over Limit | Remark | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | | 1 | 6948.994 | 8.69 | 47.55 | 56.24 | 68.20 | -11.96 | Peak |

Horizontal-Peak

7-18GHz

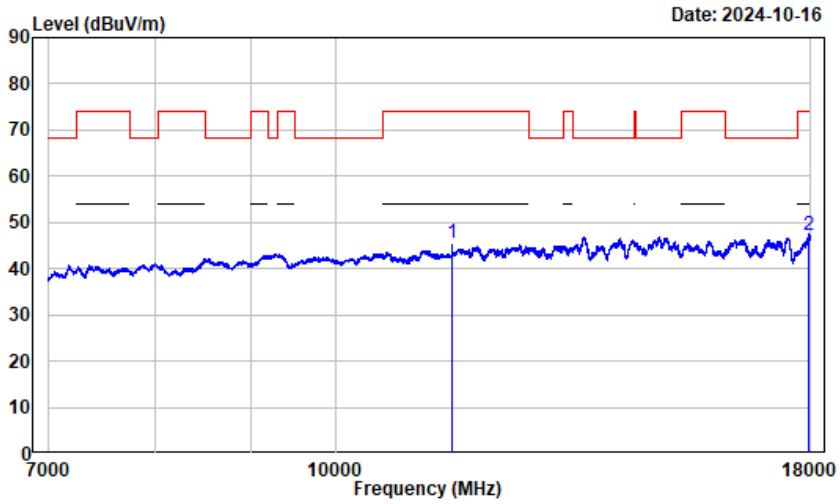


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	45.74	59.87	74.00	-14.13	Peak
2	17973.750	24.44	38.11	62.55	74.00	-11.45	Peak

Horizontal-Average

7-18GHz



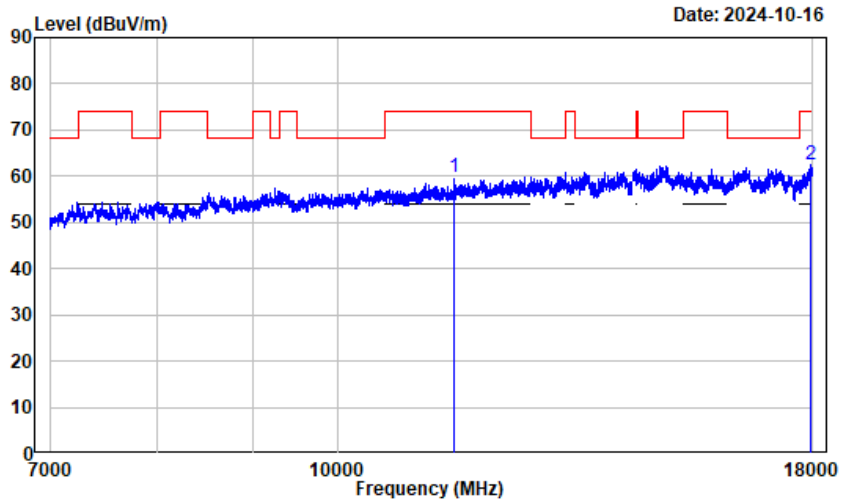
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	31.48	45.61	54.00	-8.39	Average
2	17955.990	24.31	23.03	47.34	54.00	-6.66	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

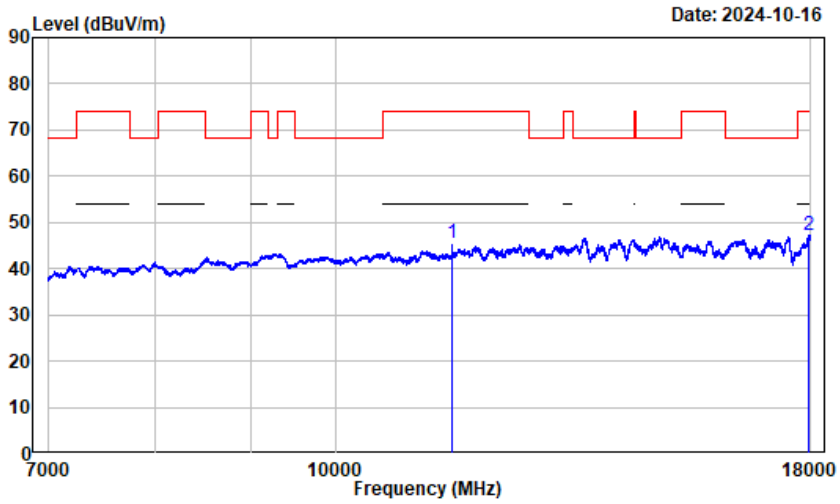


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	45.53	59.66	74.00	-14.34	Peak
2	17968.500	24.40	38.03	62.43	74.00	-11.57	Peak

Vertical-Average

7-18GHz

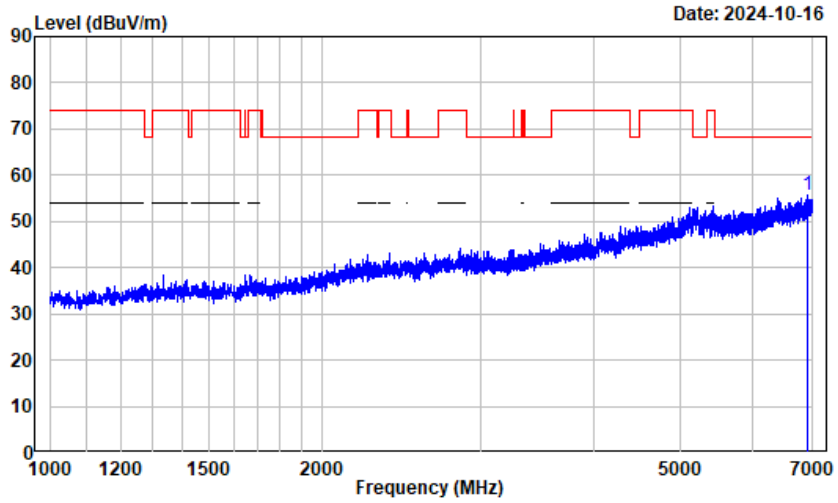


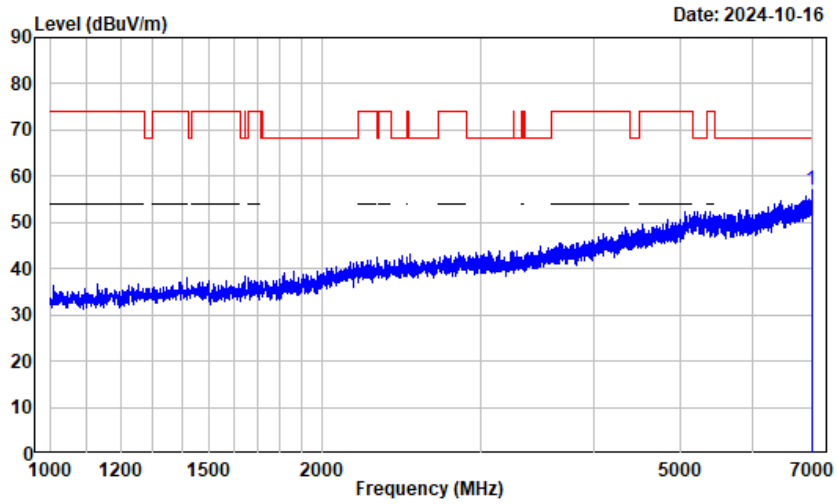
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AC80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	31.31	45.44	54.00	-8.56	Average
2	17960.120	24.34	22.92	47.26	54.00	-6.74	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ax20, 5825MHz

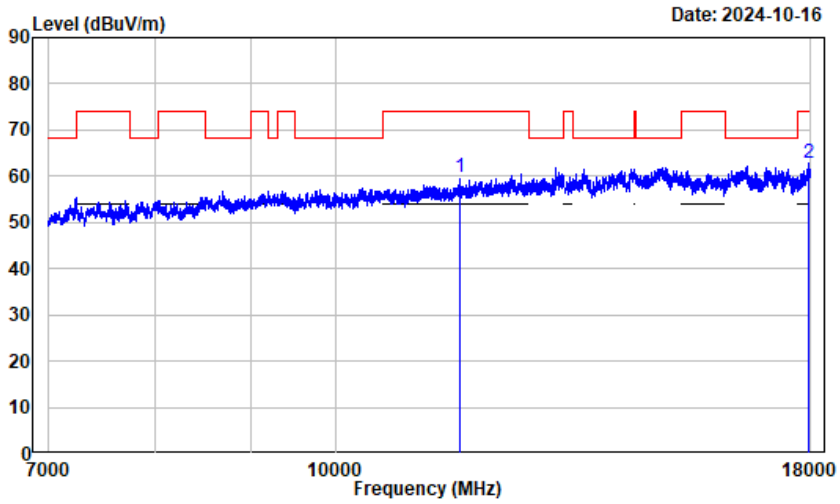
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX20-5825 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6909.239 8.19 47.54 55.73 68.20 -12.47 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6978.998	8.64	48.30	56.94	68.20	-11.26	Peak

Horizontal-Peak

7-18GHz

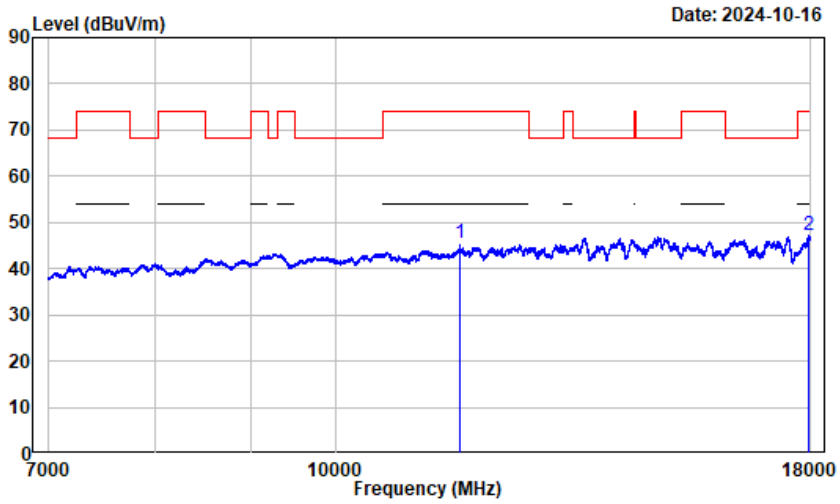


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	45.89	59.72	74.00	-14.28	Peak
2	17954.490	24.30	38.45	62.75	74.00	-11.25	Peak

Horizontal-Average

7-18GHz



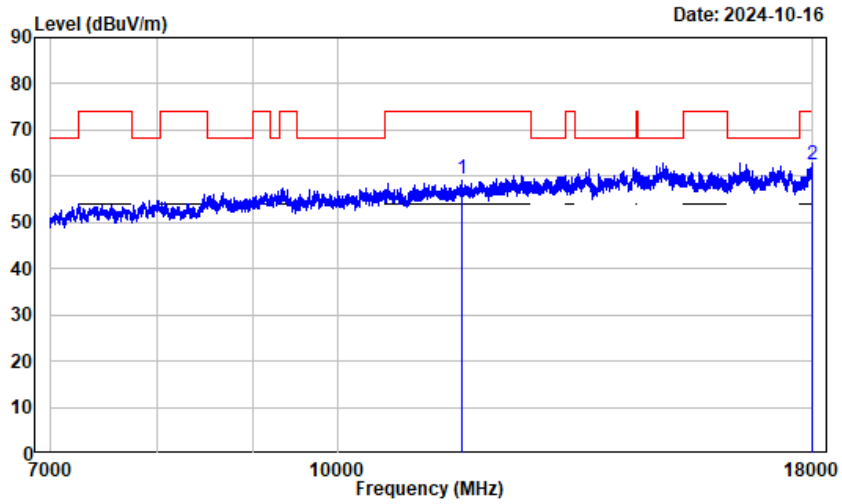
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.56	45.39	54.00	-8.61	Average
2	17960.120	24.34	22.80	47.14	54.00	-6.86	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

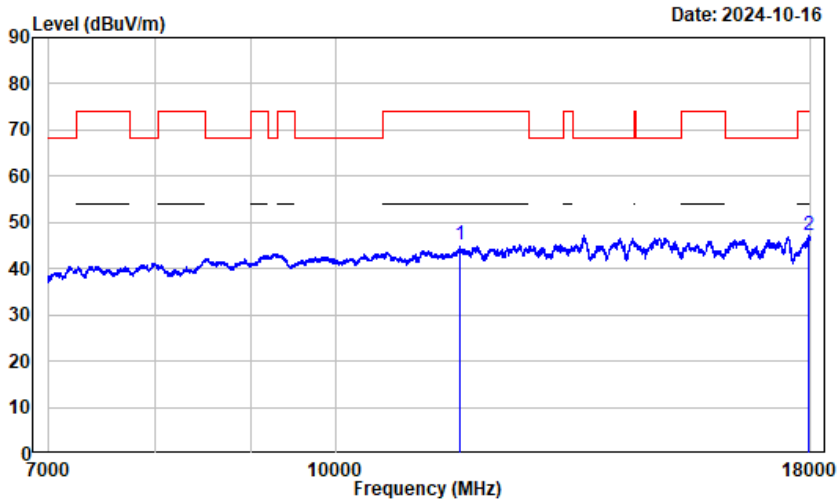


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	45.72	59.55	74.00	-14.45	Peak
2	17987.750	24.53	38.06	62.59	74.00	-11.41	Peak

Vertical-Average

7-18GHz

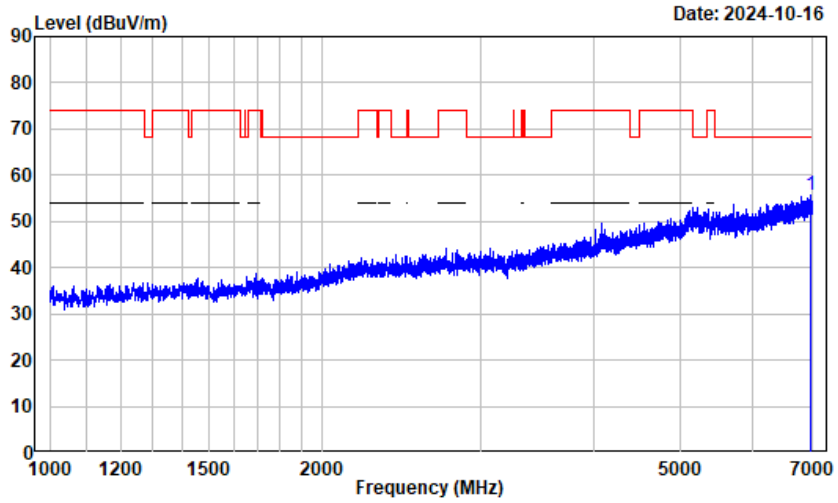


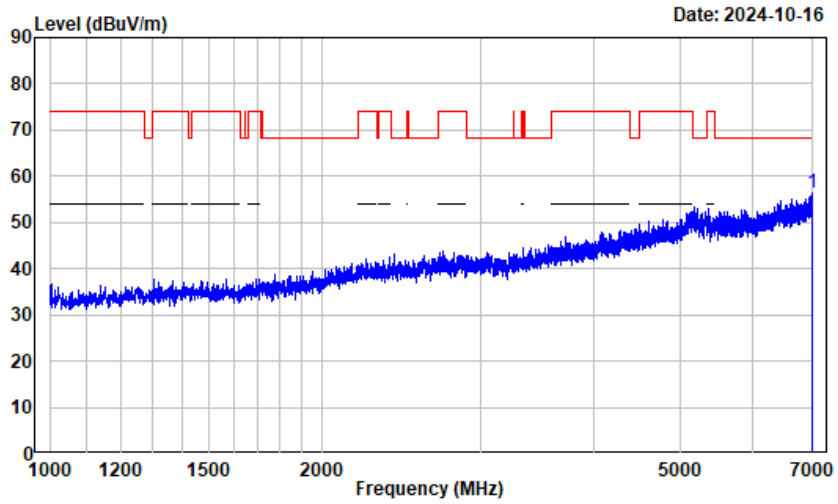
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX20-5825

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	13.83	31.41	45.24	54.00	-8.76	Average
2	17955.990	24.31	22.74	47.05	54.00	-6.95	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

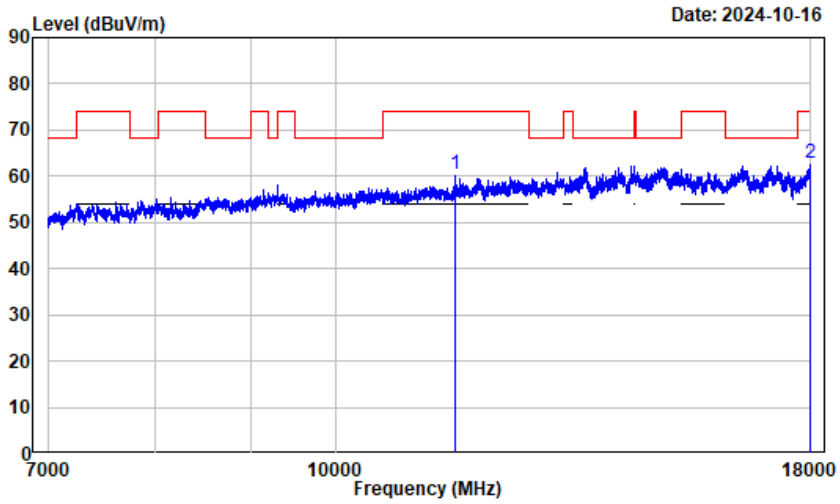
802.11ax40, 5795MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX40-5795 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6975.247 8.66 47.06 55.72 68.20 -12.48 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX40-5795 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6992.499 8.62 47.73 56.35 68.20 -11.85 Peak

Horizontal-Peak

7-18GHz

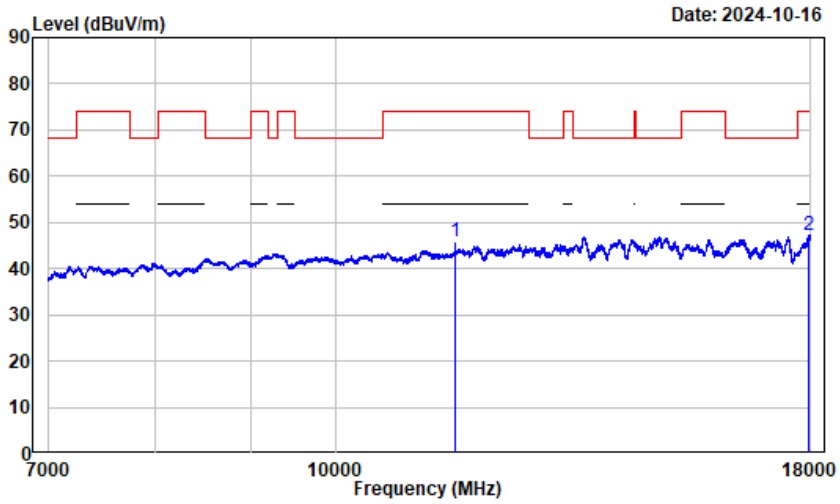


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	46.33	60.30	74.00	-13.70	Peak
2	17994.750	24.58	38.26	62.84	74.00	-11.16	Peak

Horizontal-Average

7-18GHz



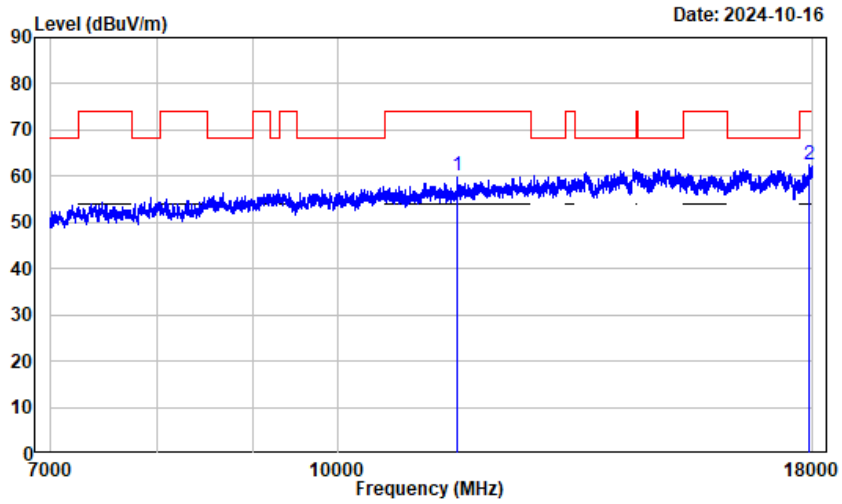
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	31.72	45.69	54.00	-8.31	Average
2	17958.740	24.33	22.95	47.28	54.00	-6.72	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

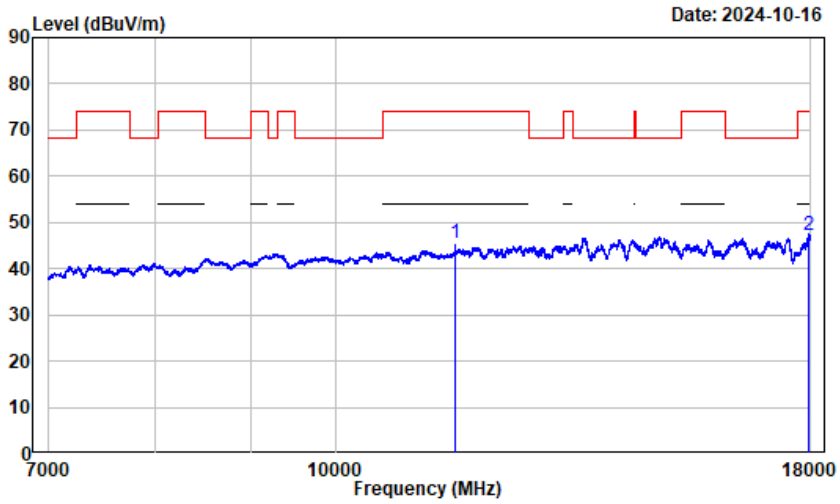


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	46.15	60.12	74.00	-13.88	Peak
2	17914.240	24.01	38.33	62.34	74.00	-11.66	Peak

Vertical-Average

7-18GHz

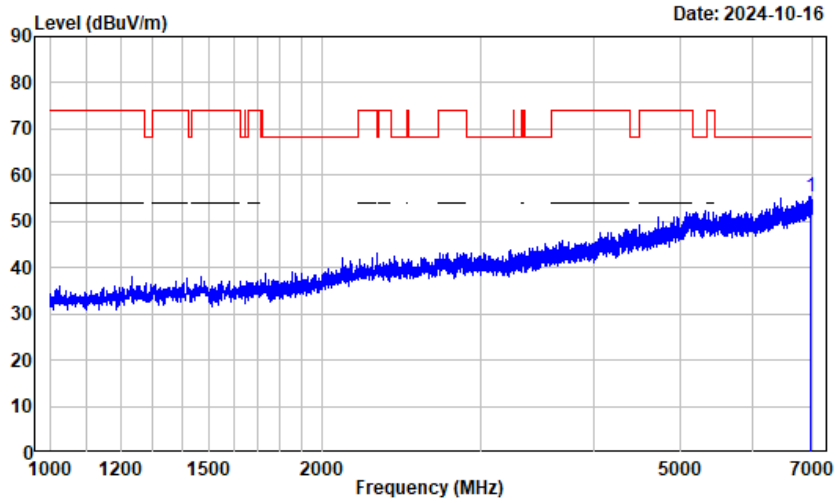


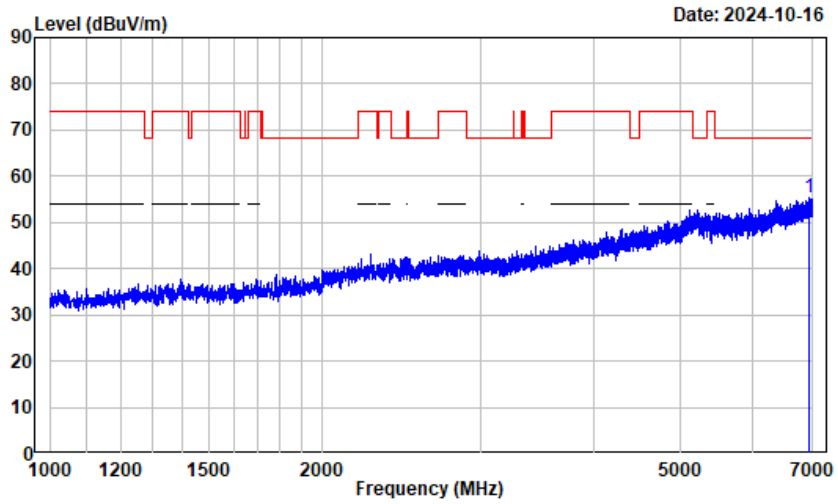
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX40-5795

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	13.97	31.56	45.53	54.00	-8.47	Average
2	17955.990	24.31	22.85	47.16	54.00	-6.84	Average

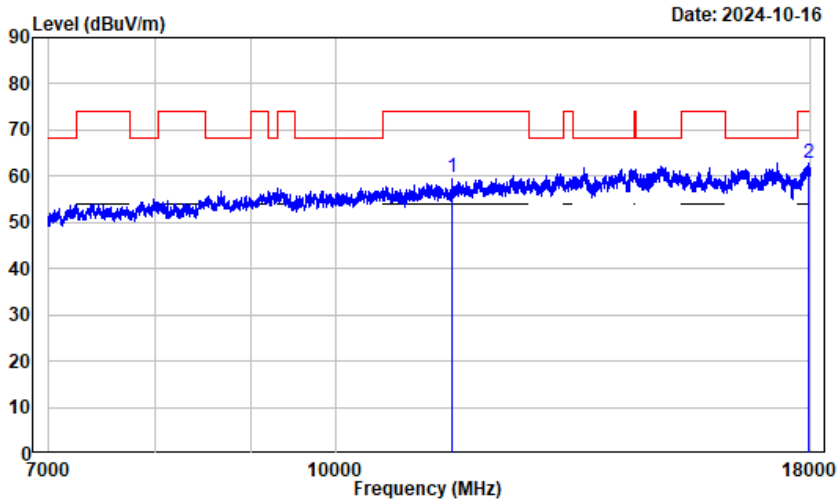
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ax80, 5775MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX80-5775 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6952.744 8.69 46.65 55.34 68.20 -12.86 Peak

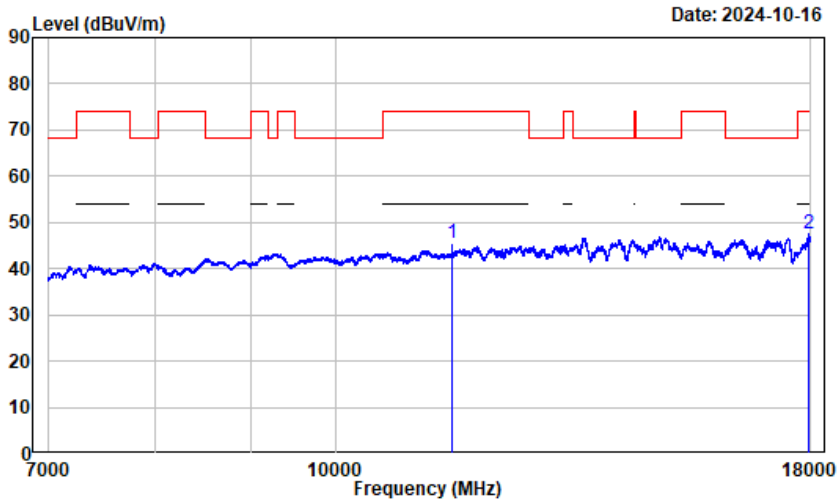
Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6945.243	8.63	46.75	55.38	68.20	-12.82	Peak

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-Band4-AX80-5775 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 11550.000 14.13 45.58 59.71 74.00 -14.29 Peak 2 17943.990 24.22 38.55 62.77 74.00 -11.23 Peak

Horizontal-Average

7-18GHz



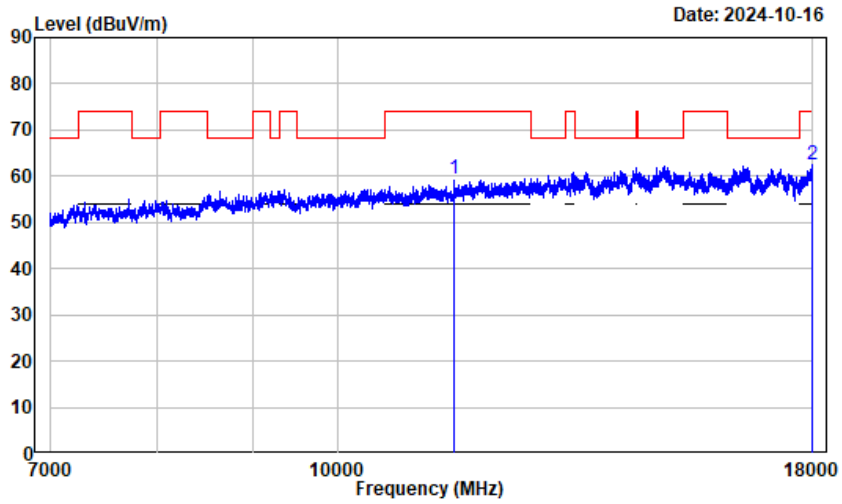
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	31.37	45.50	54.00	-8.50	Average
2	17958.740	24.33	23.10	47.43	54.00	-6.57	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

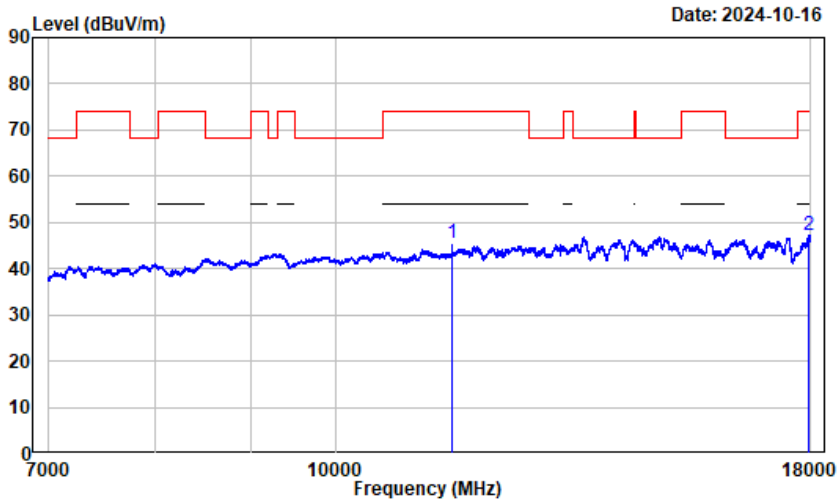


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX80-5775

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	45.41	59.54	74.00	-14.46	Peak
2	17977.250	24.45	37.90	62.35	74.00	-11.65	Peak

Vertical-Average

7-18GHz



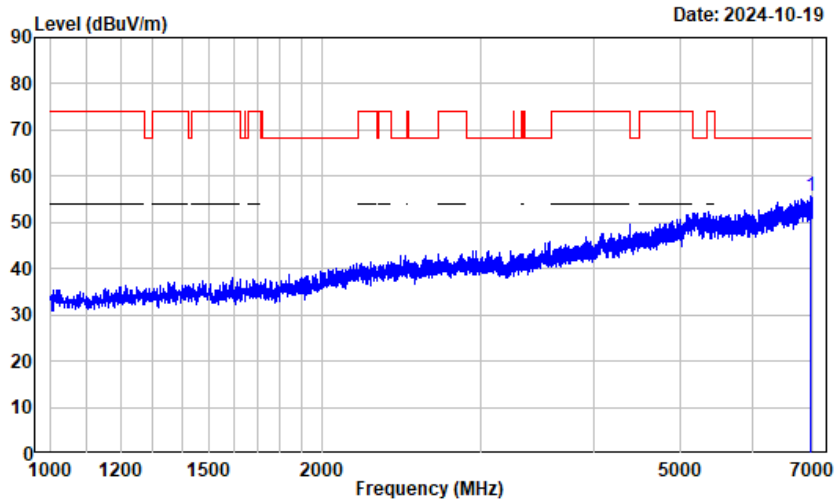
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band4-AX80-5775

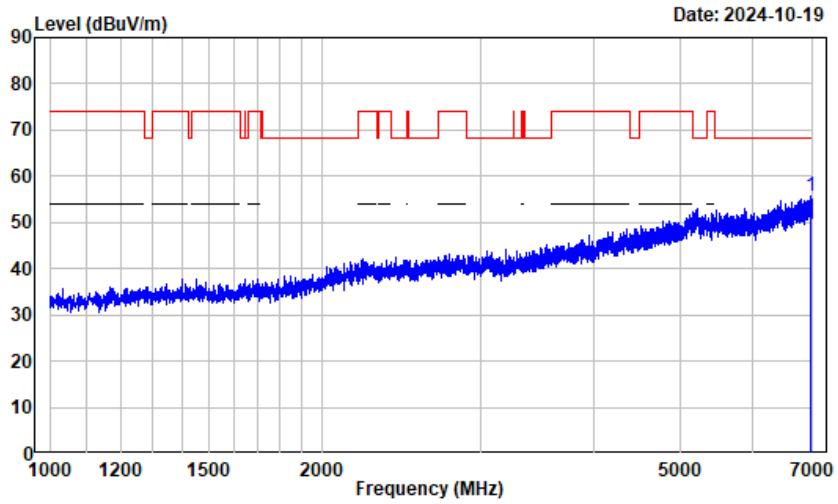
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11550.000	14.13	31.24	45.37	54.00	-8.63	Average
2	17953.240	24.29	23.01	47.30	54.00	-6.70	Average

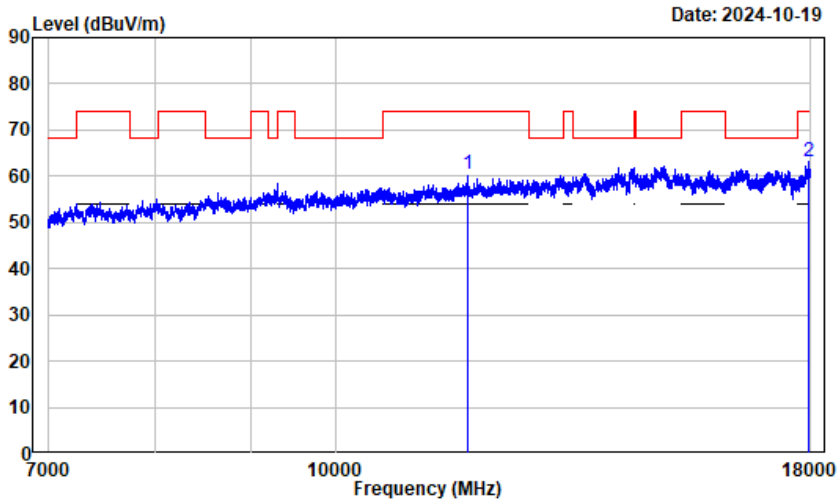
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

5850-5895MHz

802.11a, 5885MHz

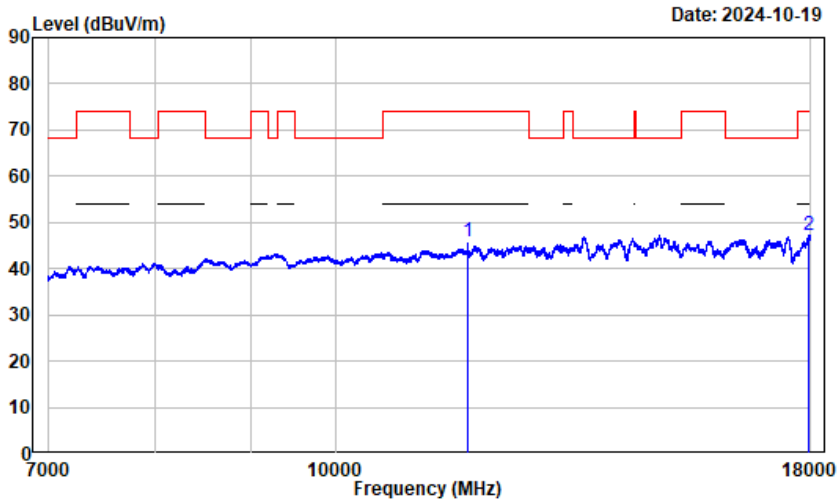
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-A-5885 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6954.244 8.69 46.87 55.56 68.20 -12.64 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-A-5885 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6972.247 8.66 47.14 55.80 68.20 -12.40 Peak

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-A-5885 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark 1 11770.000 MHz / 13.73 dB/m / 46.63 dBuV / 60.36 dBuV/m / 74.00 dBuV/m / -13.64 dB / Peak 2 17961.500 MHz / 24.35 dB/m / 38.82 dBuV / 63.17 dBuV/m / 74.00 dBuV/m / -10.83 dB / Peak

Horizontal-Average

7-18GHz



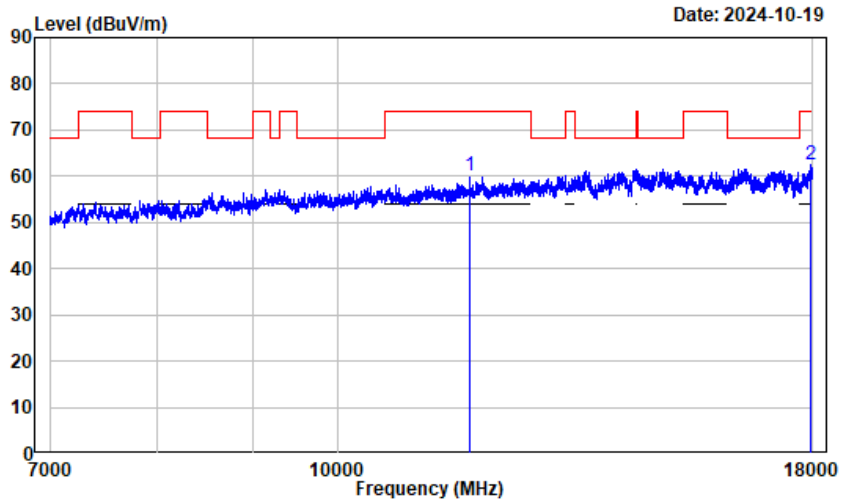
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-A-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	32.08	45.81	54.00	-8.19	Average
2	17953.240	24.29	23.04	47.33	54.00	-6.67	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

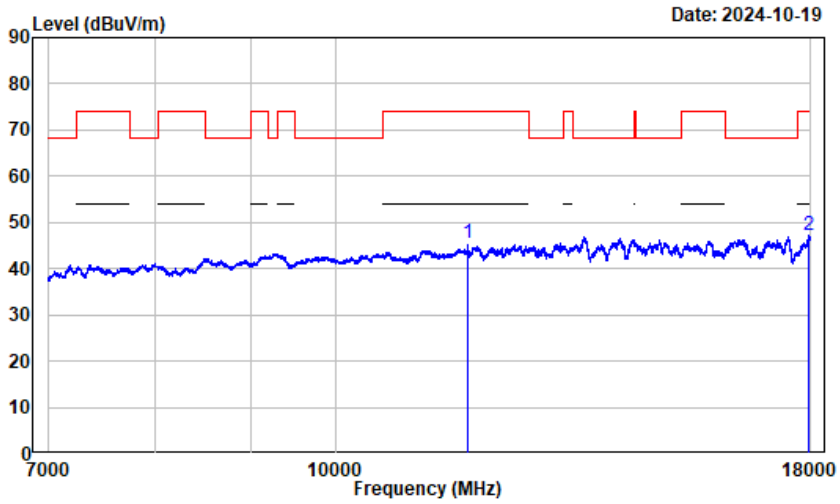


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-A-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	46.45	60.18	74.00	-13.82	Peak
2	17956.240	24.31	38.25	62.56	74.00	-11.44	Peak

Vertical-Average

7-18GHz

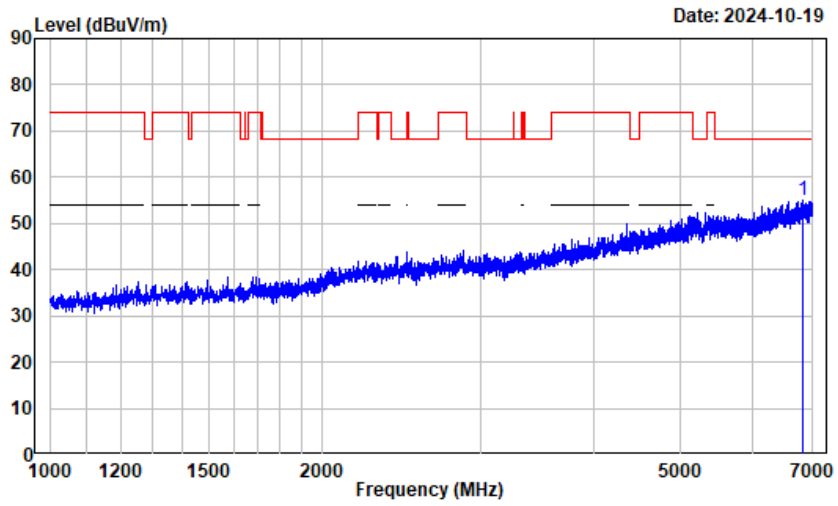


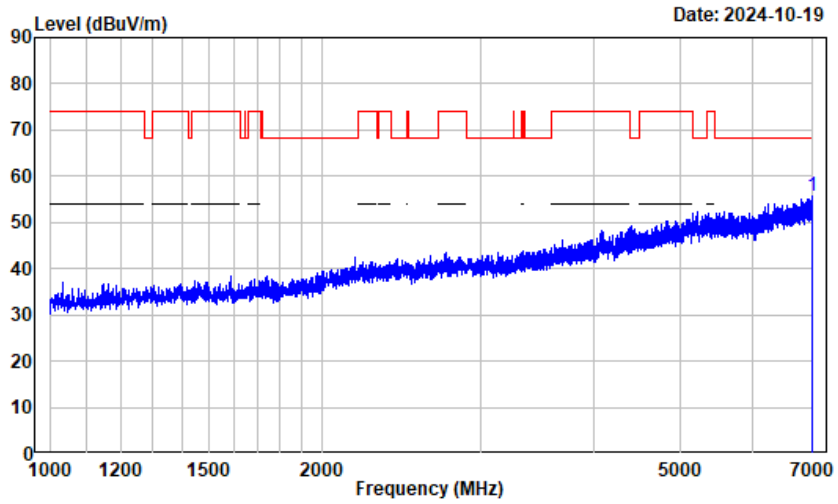
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-A-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	31.92	45.65	54.00	-8.35	Average
2	17954.870	24.29	22.82	47.11	54.00	-6.89	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

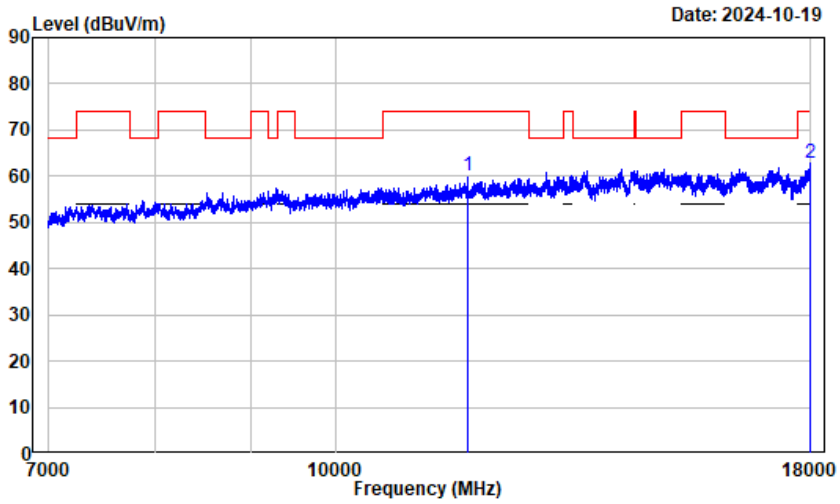
802.11ac20, 5885MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC20-5885 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6831.979 7.69 47.17 54.86 68.20 -13.34 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC20-5885 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6991.749 8.62 47.06 55.68 68.20 -12.52 Peak

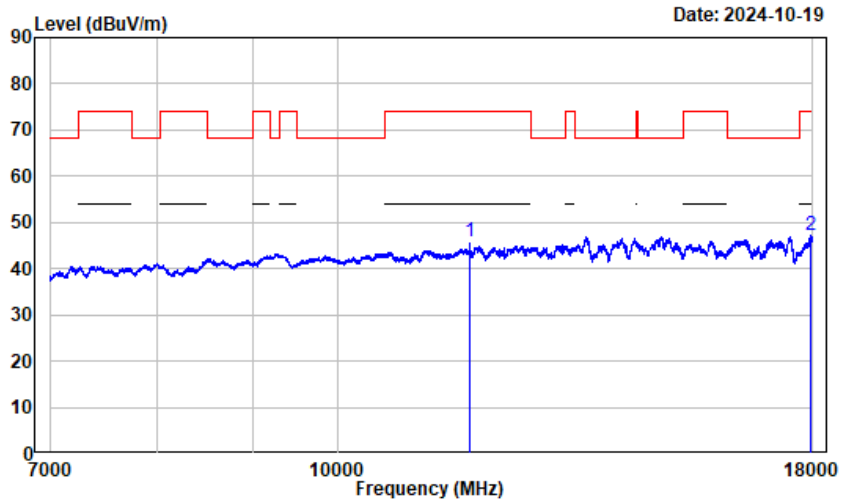
Horizontal-Peak

7-18GHz



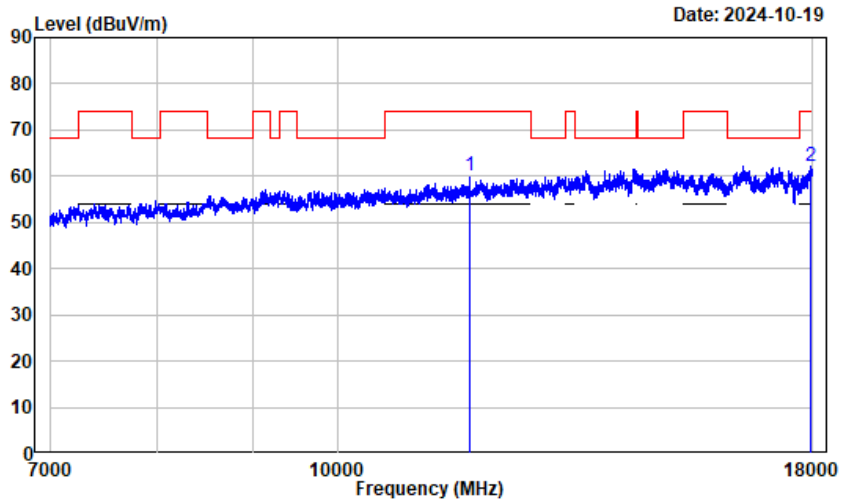
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC20-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	46.51	60.24	74.00	-13.76	Peak
2	17986.000	24.52	38.40	62.92	74.00	-11.08	Peak

Horizontal-Average	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC20-5885 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark 1 11770.000 MHz 13.73 dB/m 32.03 dBuV 45.76 dBuV/m 54.00 dBuV/m -8.24 dB Average 2 17946.370 MHz 24.23 dB/m 22.98 dBuV 47.21 dBuV/m 54.00 dBuV/m -6.79 dB Average
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz	

Vertical-Peak

7-18GHz

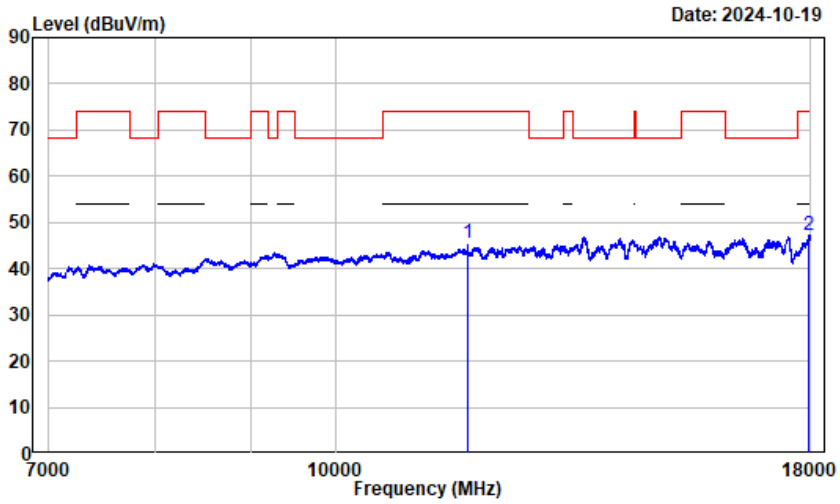


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC20-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	46.39	60.12	74.00	-13.88	Peak
2	17947.490	24.24	37.97	62.21	74.00	-11.79	Peak

Vertical-Average

7-18GHz



Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC20-5885

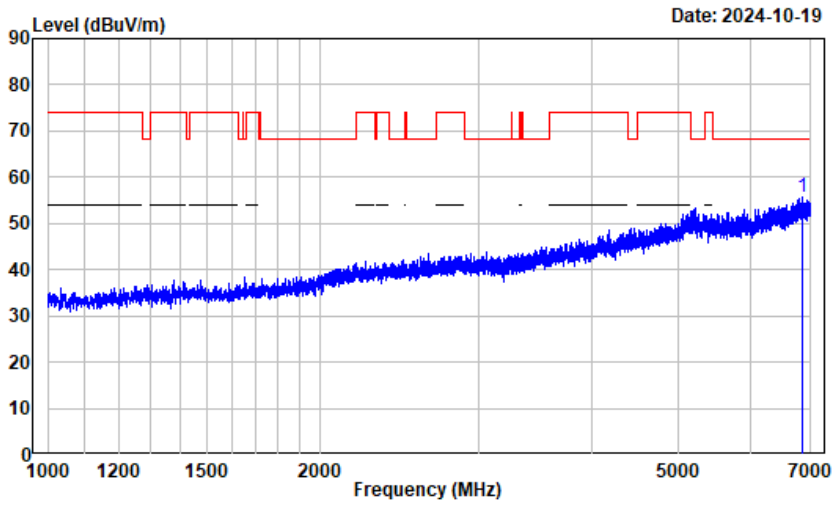
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	31.88	45.61	54.00	-8.39	Average
2	17943.620	24.22	22.95	47.17	54.00	-6.83	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ac40, 5875MHz

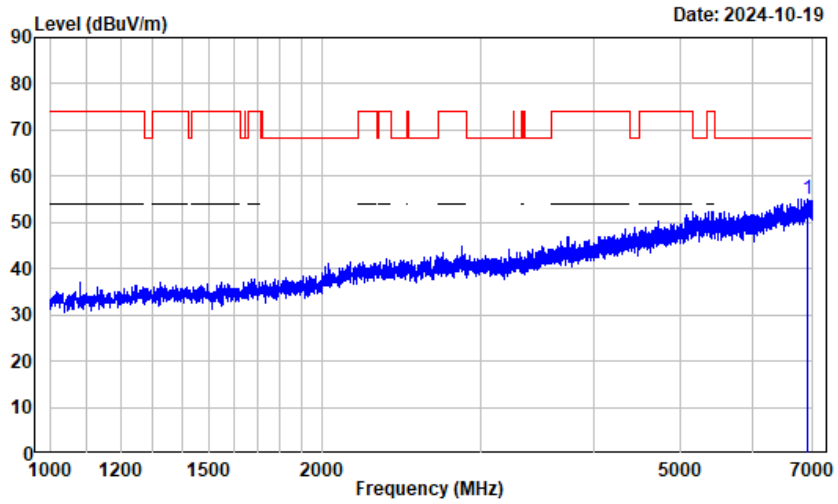
Horizontal

1-7GHz



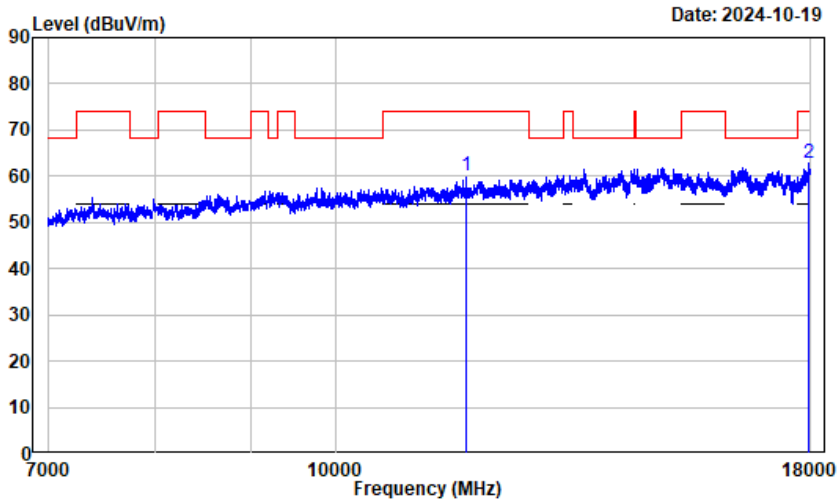
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6857.482	7.90	47.80	55.70	68.20	-12.50	Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC40-5875 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6916.740 8.29 46.85 55.14 68.20 -13.06 Peak

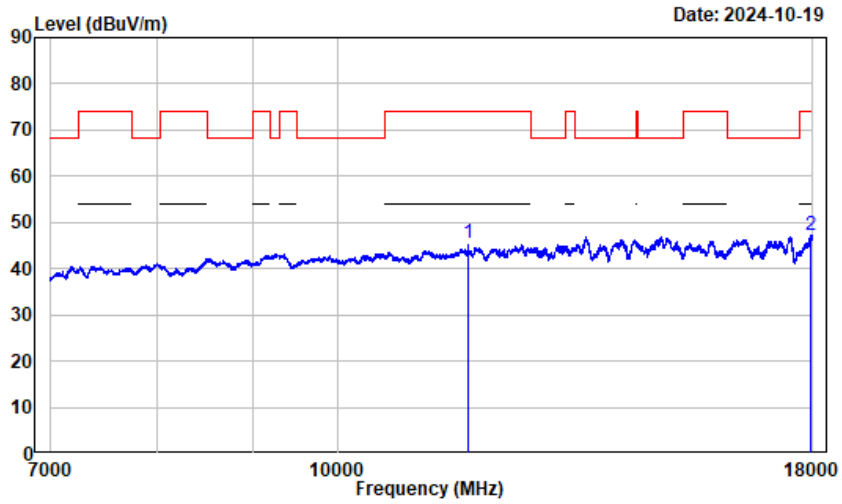
Horizontal-Peak

7-18GHz



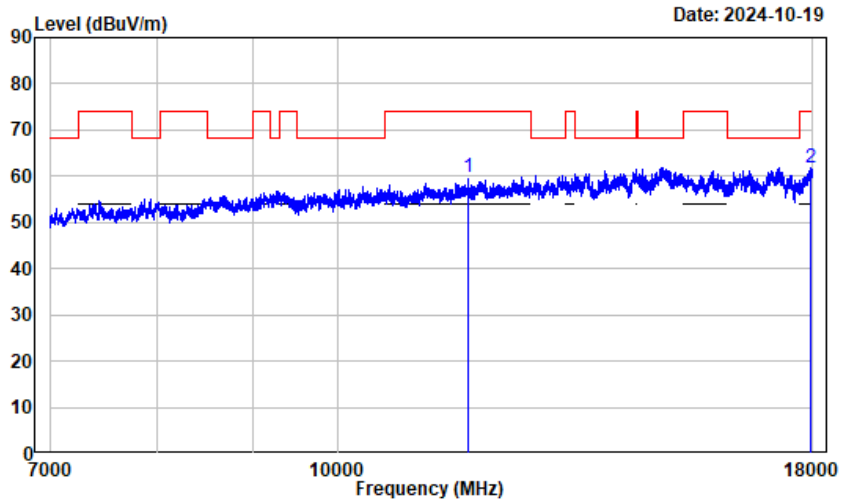
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	46.39	60.12	74.00	-13.88	Peak
2	17961.500	24.35	38.38	62.73	74.00	-11.27	Peak

Horizontal-Average	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC40-5875 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark 1 11750.000 MHz / 13.73 dB/m / 31.90 dBuV / 45.63 dBuV/m / 54.00 dBuV/m / -8.37 dB / Average 2 17960.120 MHz / 24.34 dB/m / 22.89 dBuV / 47.23 dBuV/m / 54.00 dBuV/m / -6.77 dB / Average
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz	

Vertical-Peak

7-18GHz

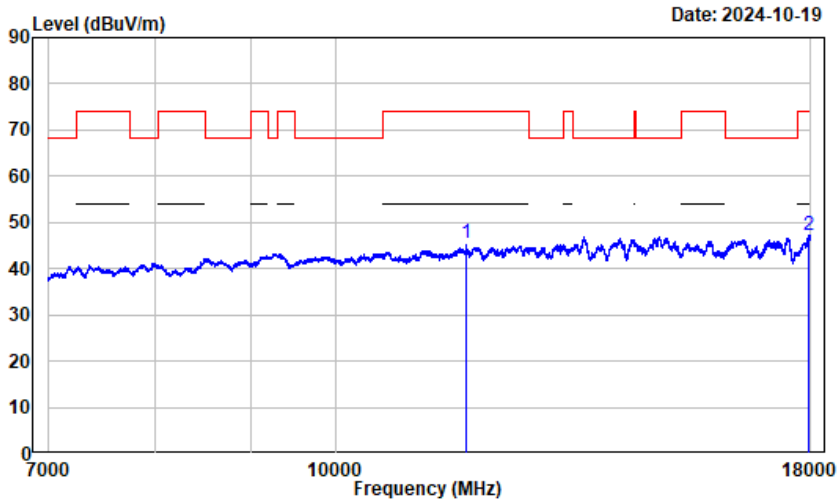


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	46.17	59.90	74.00	-14.10	Peak
2	17970.250	24.41	37.57	61.98	74.00	-12.02	Peak

Vertical-Average

7-18GHz

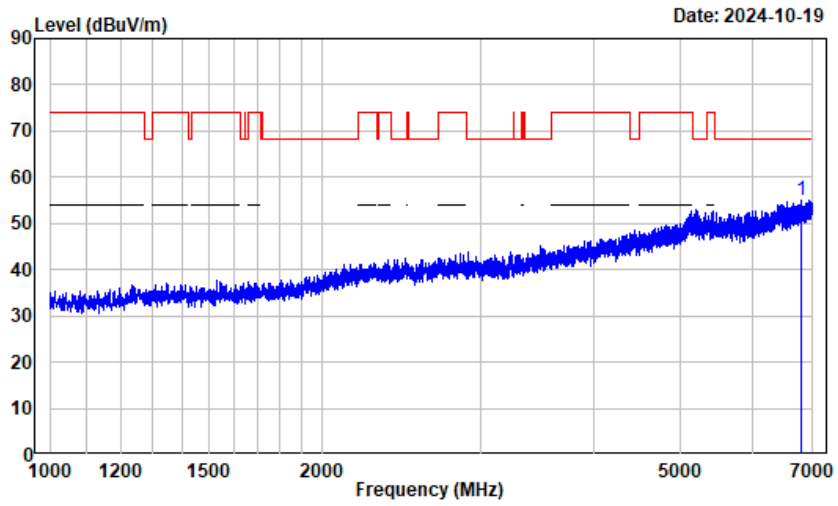


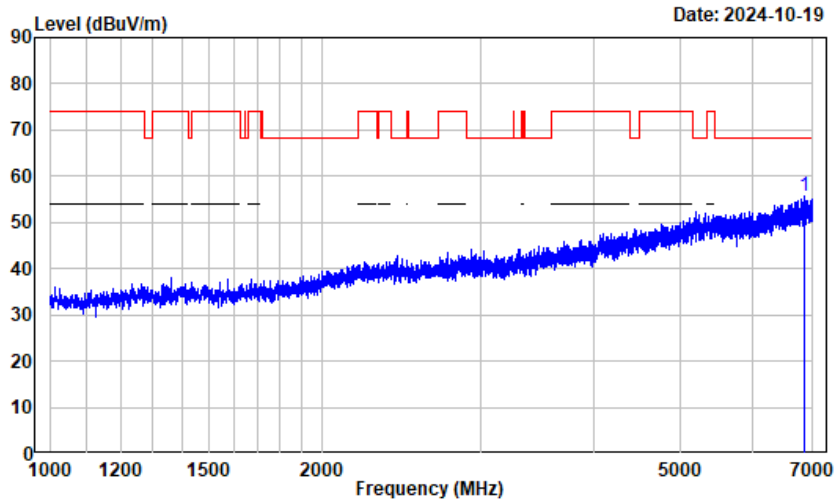
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	31.78	45.51	54.00	-8.49	Average
2	17946.370	24.23	22.96	47.19	54.00	-6.81	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

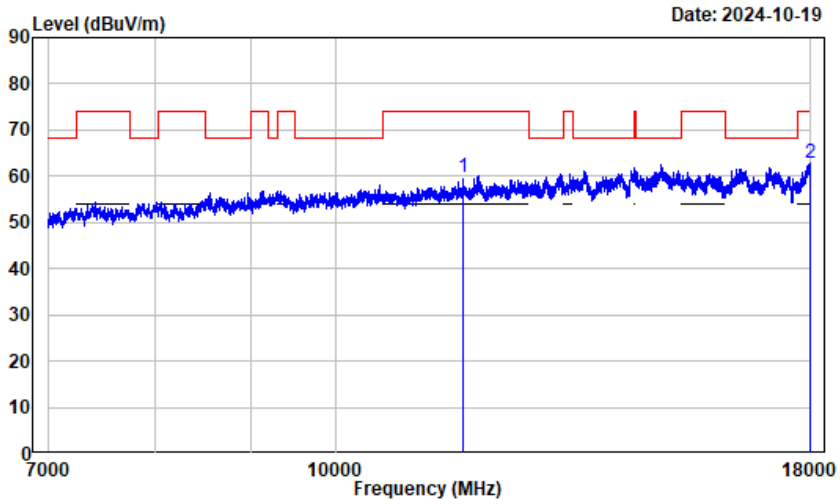
802.11ac80, 5855MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC80-5855 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6803.476 7.39 47.71 55.10 68.20 -13.10 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC80-5855 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6849.231 7.86 47.68 55.54 68.20 -12.66 Peak

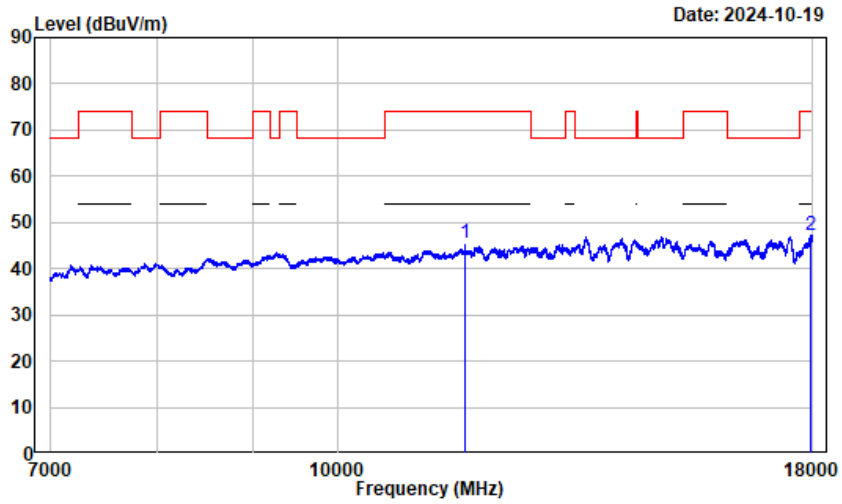
Horizontal-Peak

7-18GHz



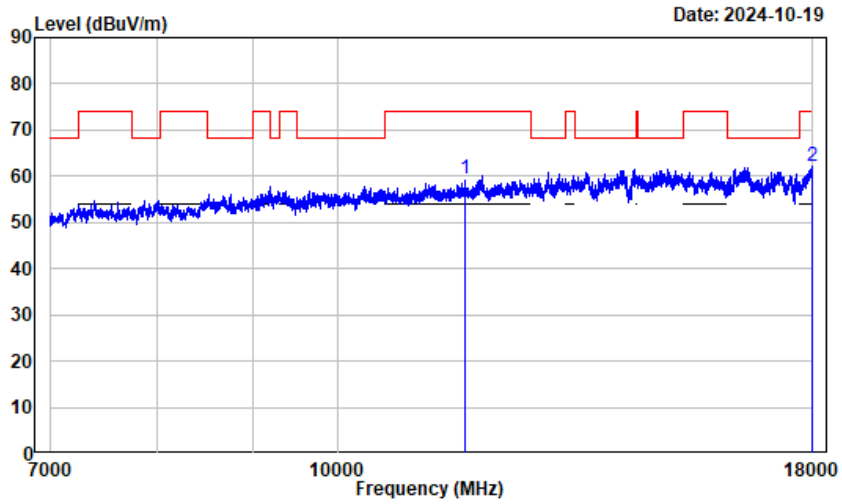
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	45.94	59.67	74.00	-14.33	Peak
2	17987.750	24.53	38.30	62.83	74.00	-11.17	Peak

Horizontal-Average	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC80-5855 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 11710.000 13.73 31.76 45.49 54.00 -8.51 Average 2 17955.990 24.31 23.03 47.34 54.00 -6.66 Average
Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz	

Vertical-Peak

7-18GHz

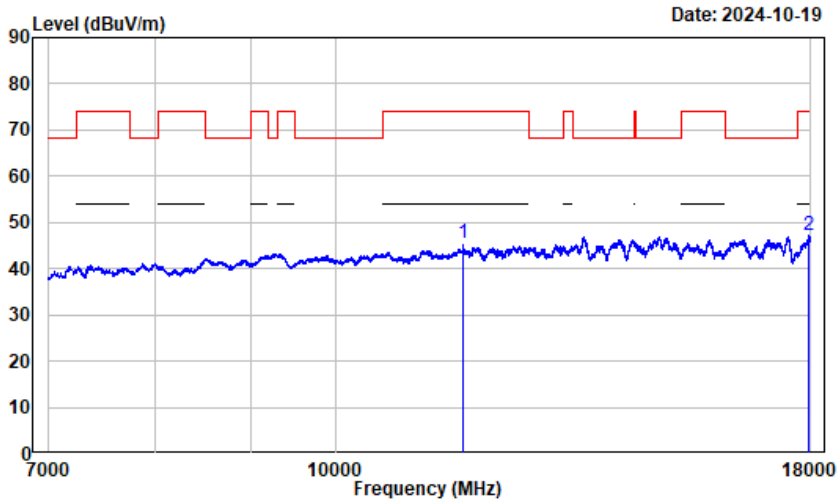


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	45.65	59.38	74.00	-14.62	Peak
2	17998.250	24.61	37.38	61.99	74.00	-12.01	Peak

Vertical-Average

7-18GHz

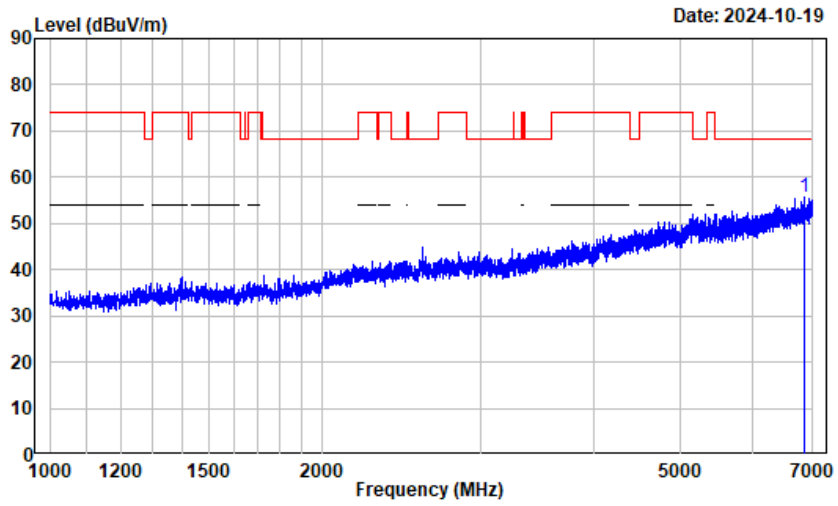


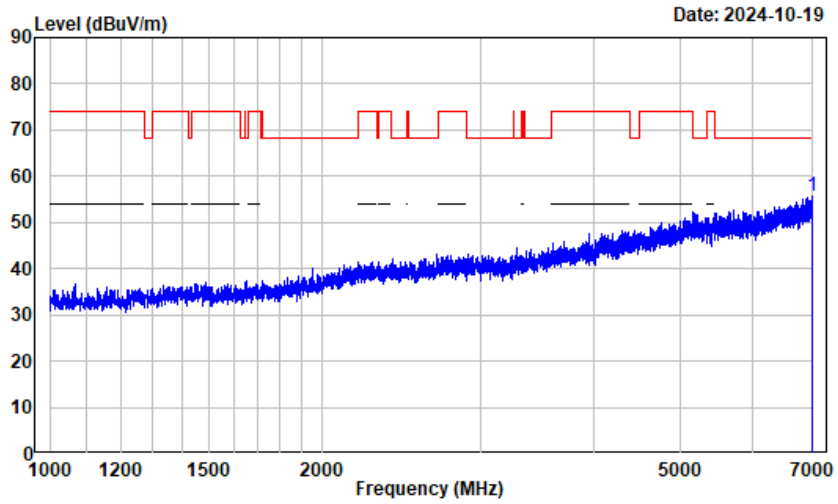
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	31.63	45.36	54.00	-8.64	Average
2	17964.250	24.37	22.88	47.25	54.00	-6.75	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

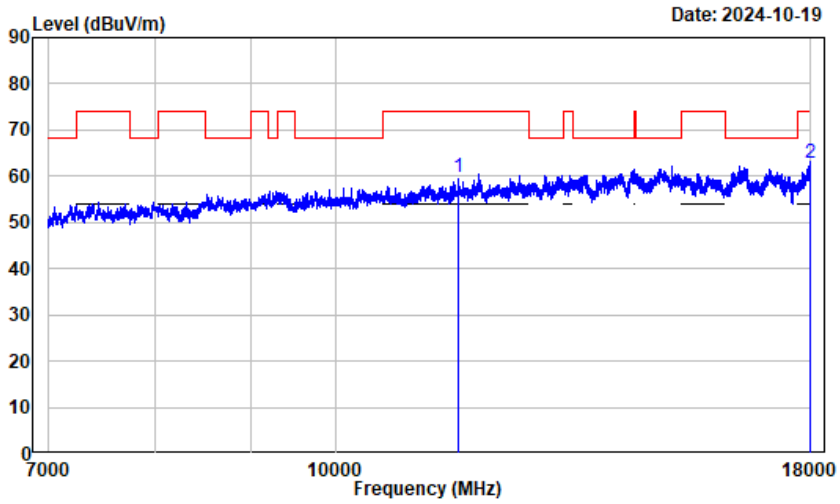
802.11ac160, 5815MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC160-5815 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6863.483 7.93 47.83 55.76 68.20 -12.44 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AC160-5815 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6999.250 8.61 47.24 55.85 68.20 -12.35 Peak

Horizontal-Peak

7-18GHz

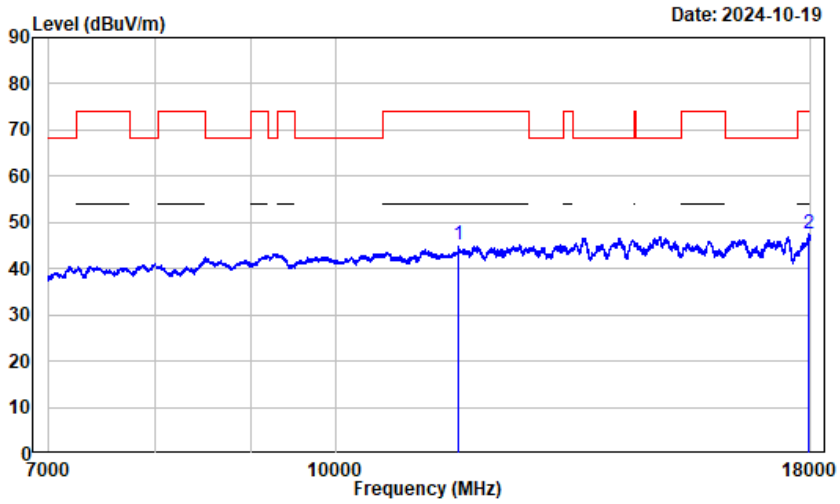


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	45.86	59.74	74.00	-14.26	Peak
2	17989.500	24.55	38.45	63.00	74.00	-11.00	Peak

Horizontal-Average

7-18GHz



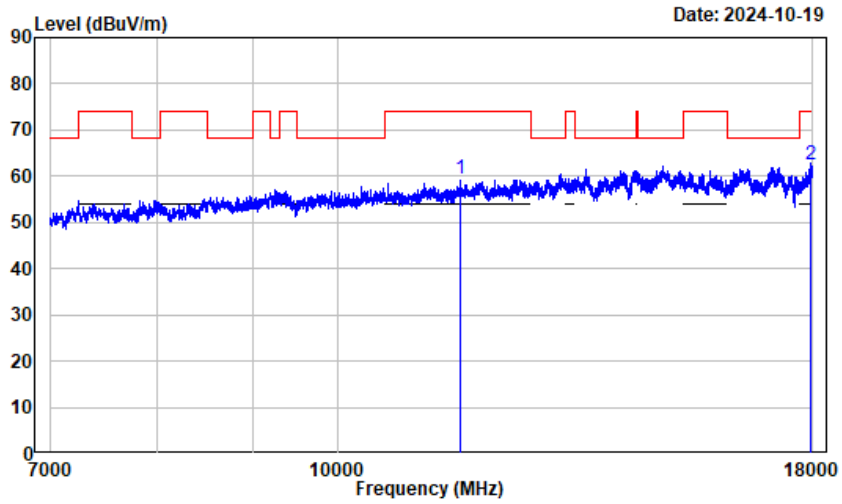
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	31.45	45.33	54.00	-8.67	Average
2	17955.990	24.31	23.07	47.38	54.00	-6.62	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

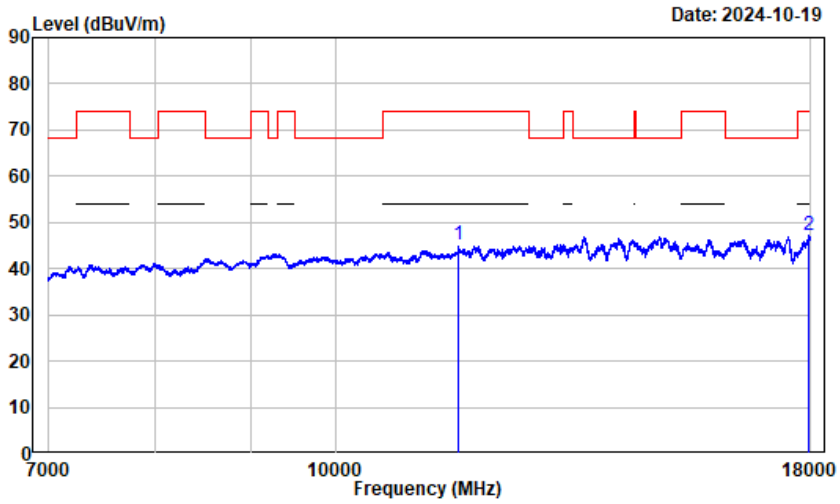


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	45.69	59.57	74.00	-14.43	Peak
2	17966.750	24.39	38.03	62.42	74.00	-11.58	Peak

Vertical-Average

7-18GHz

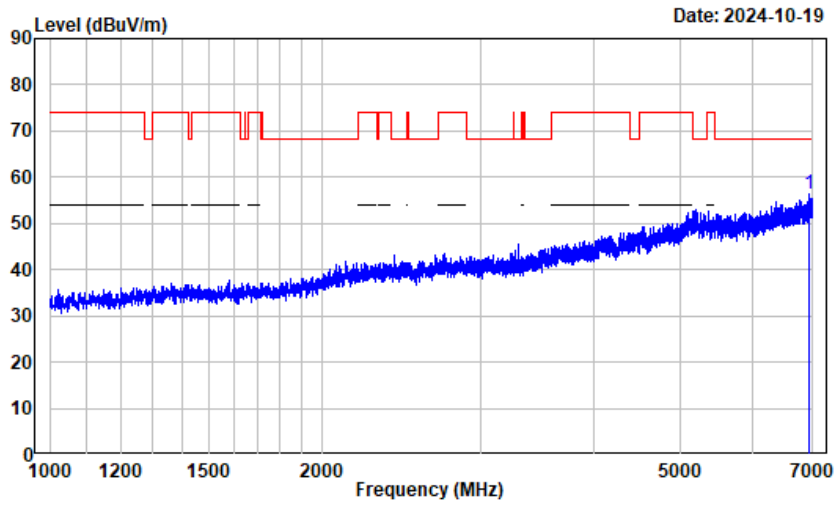


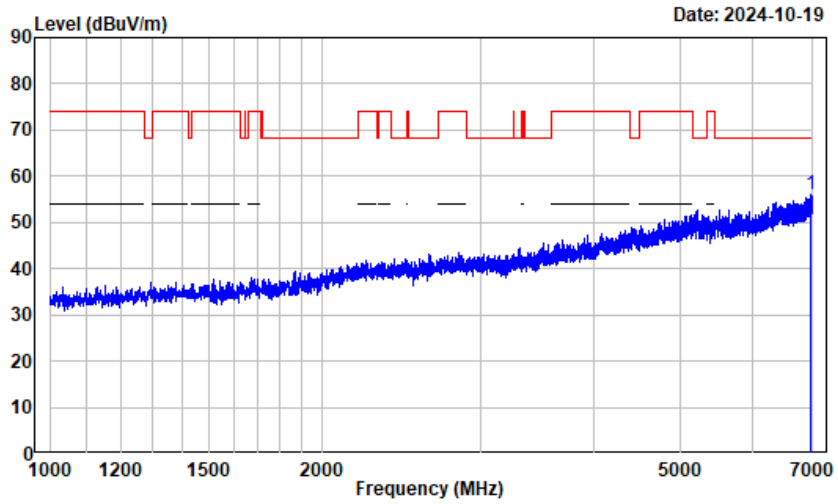
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AC160-5815

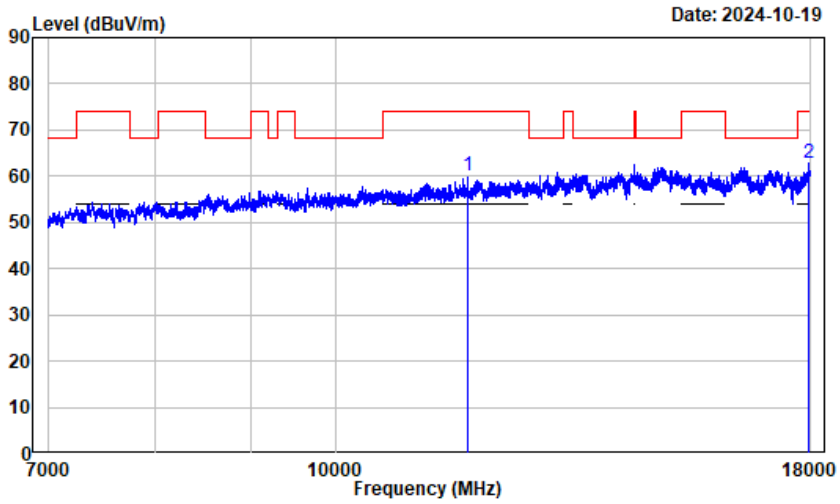
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	31.32	45.20	54.00	-8.80	Average
2	17955.990	24.31	22.84	47.15	54.00	-6.85	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ax20, 5885MHz

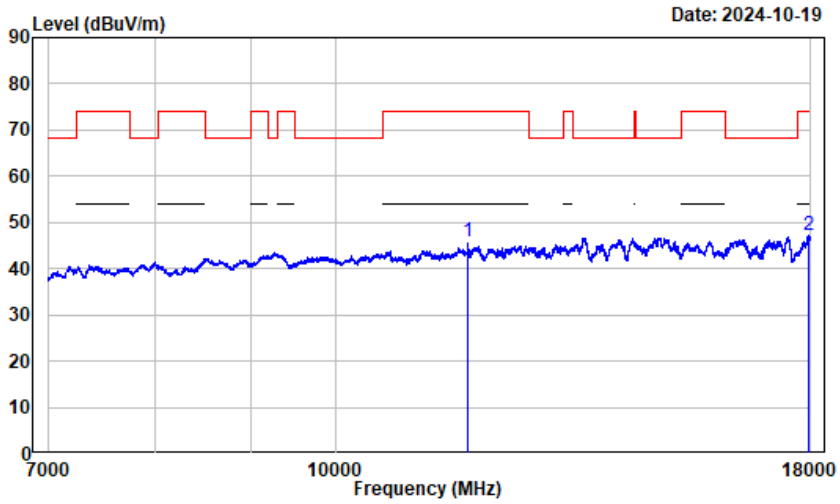
Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX20-5885 Freq / Factor / Read Level / Limit Line / Over Limit / Remark 1 6939.993 MHz 8.58 dB/m 47.81 dBuV 56.39 dBuV/m 68.20 dBuV/m -11.81 dB Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX20-5885 | | Freq | Factor | Read Level | Level | Limit Line | Over Limit | Remark | | | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | | 1 | 6965.496 | 8.67 | 47.25 | 55.92 | 68.20 | -12.28 | Peak |

Horizontal-Peak	
7-18GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX20-5885 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark 1 11770.000 MHz / 13.73 dB/m / 46.55 dBuV / 60.28 dBuV/m / 74.00 dBuV/m / -13.72 dB / Peak 2 17957.990 MHz / 24.33 dB/m / 38.51 dBuV / 62.84 dBuV/m / 74.00 dBuV/m / -11.16 dB / Peak

Horizontal-Average

7-18GHz



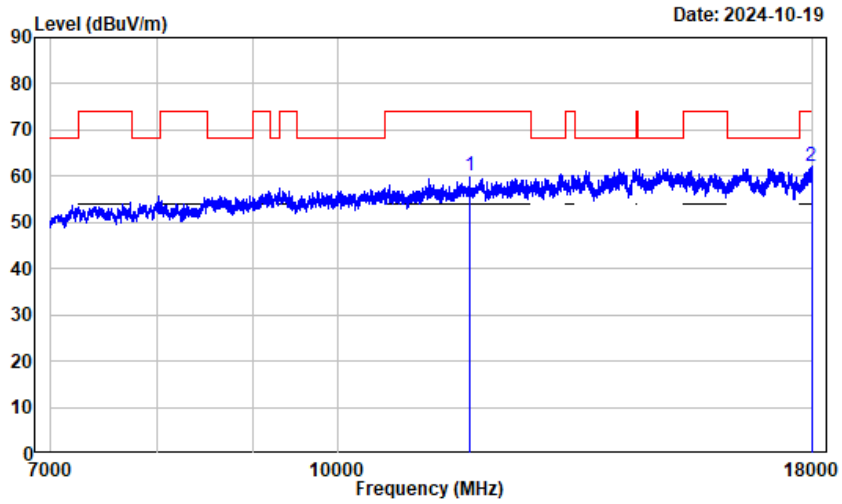
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX20-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	31.98	45.71	54.00	-8.29	Average
2	17955.720	24.29	23.03	47.32	54.00	-6.68	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

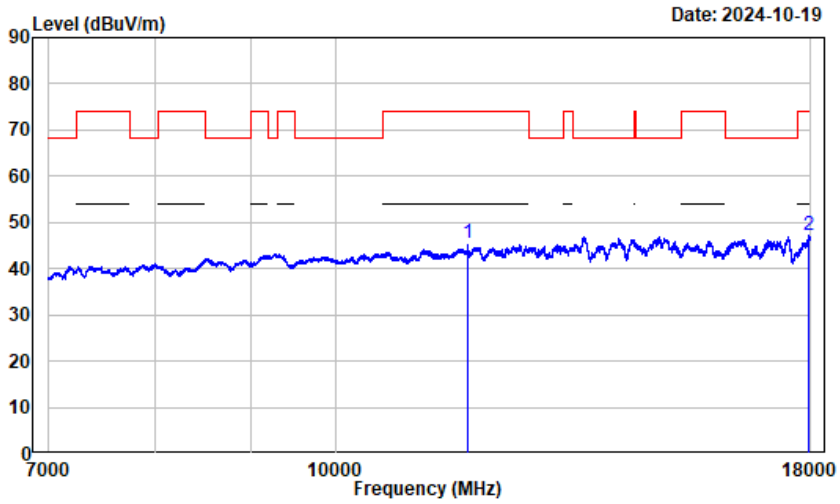


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX20-5885

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	46.36	60.09	74.00	-13.91	Peak
2	17973.750	24.44	37.64	62.08	74.00	-11.92	Peak

Vertical-Average

7-18GHz



Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX20-5885

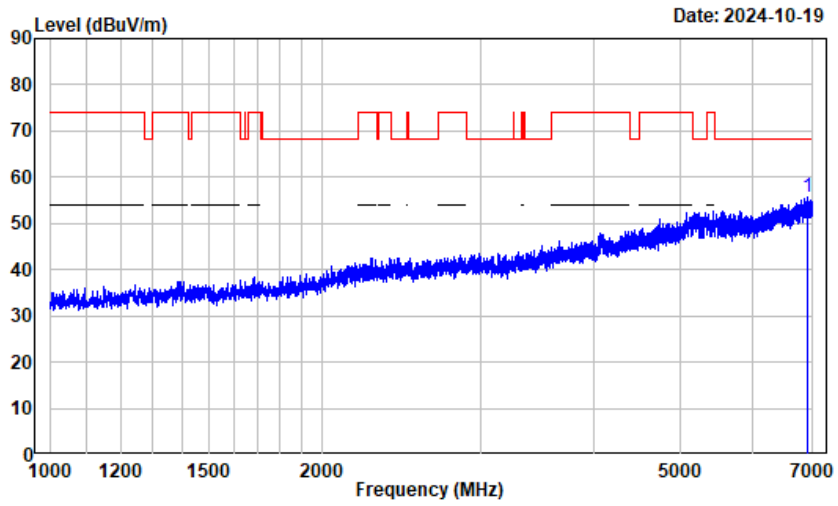
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11770.000	13.73	31.80	45.53	54.00	-8.47	Average
2	17950.490	24.27	22.82	47.09	54.00	-6.91	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

802.11ax40, 5875MHz

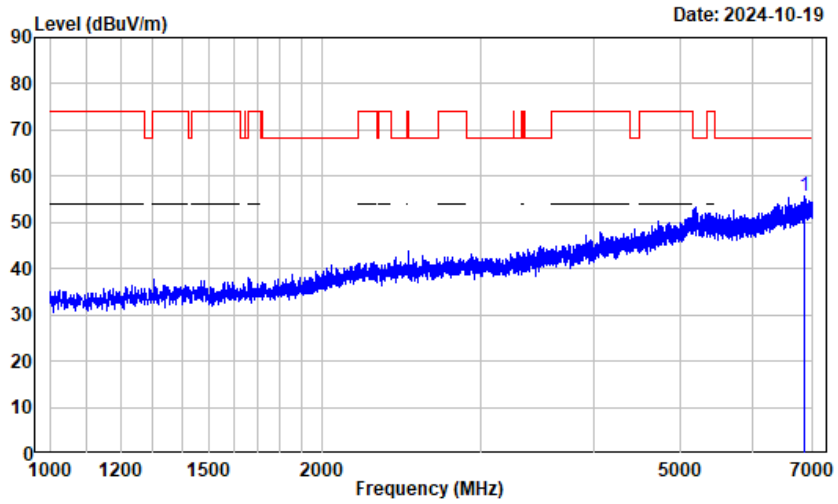
Horizontal

1-7GHz



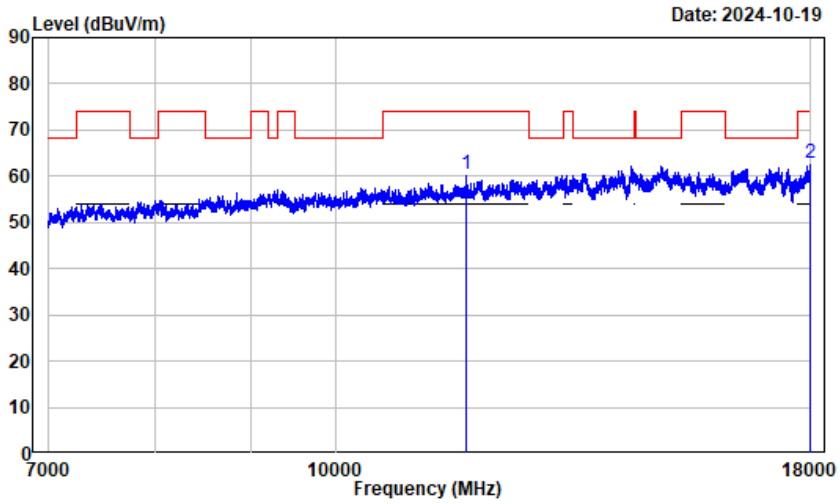
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	6899.487	8.08	47.65	55.73	68.20	-12.47	Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX40-5875 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6845.480 7.82 47.86 55.68 68.20 -12.52 Peak

Horizontal-Peak

7-18GHz

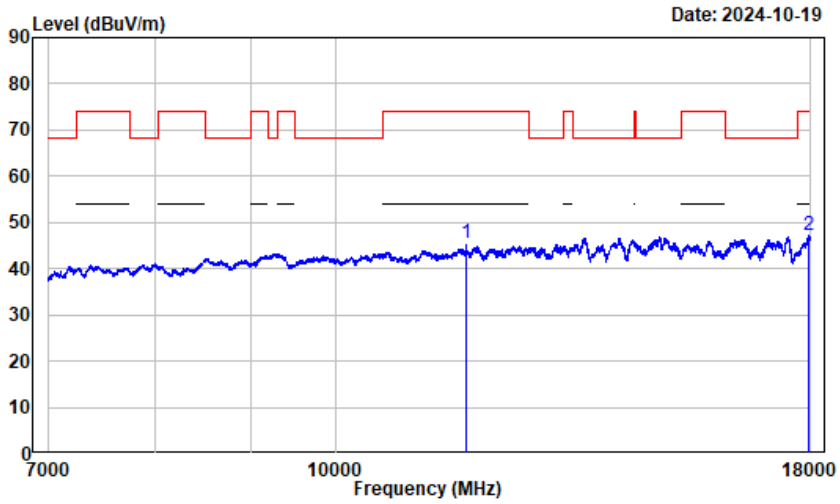


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	46.62	60.35	74.00	-13.65	Peak
2	17987.750	24.53	38.21	62.74	74.00	-11.26	Peak

Horizontal-Average

7-18GHz



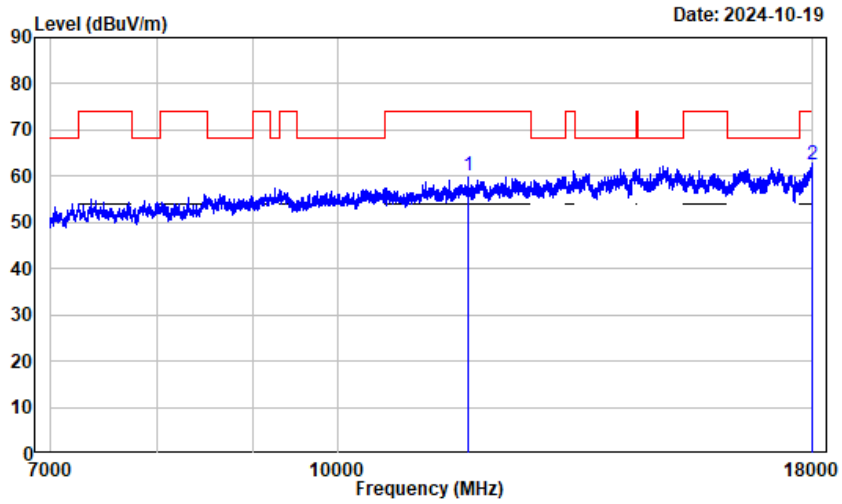
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	31.87	45.60	54.00	-8.40	Average
2	17960.120	24.34	23.02	47.36	54.00	-6.64	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

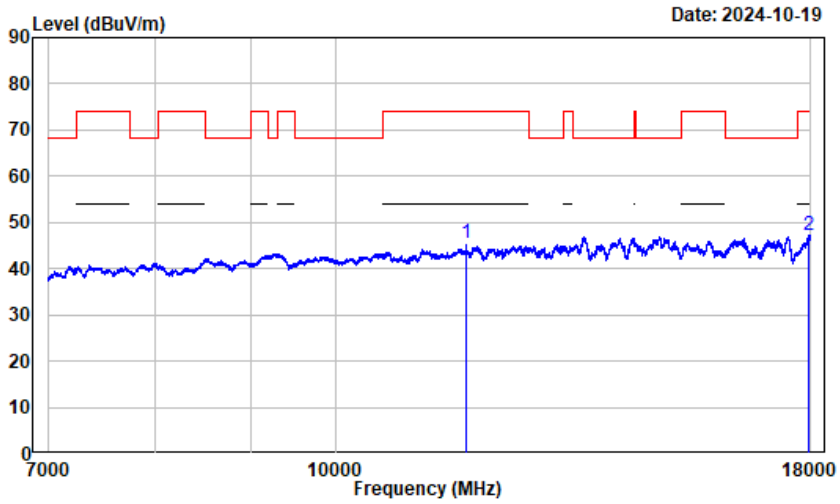


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	46.45	60.18	74.00	-13.82	Peak
2	17984.250	24.51	38.04	62.55	74.00	-11.45	Peak

Vertical-Average

7-18GHz

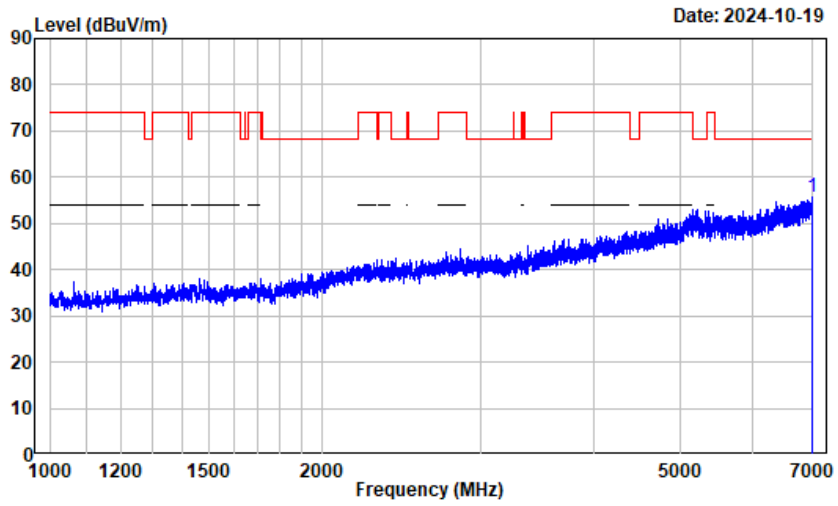


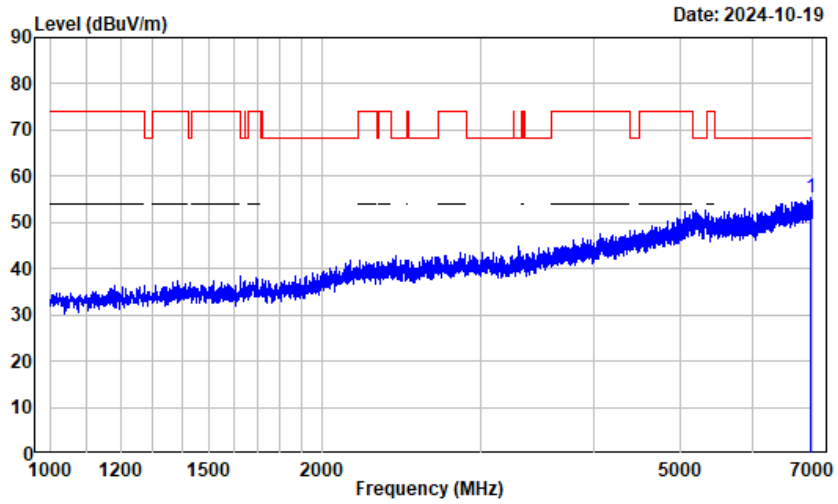
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX40-5875

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11750.000	13.73	31.74	45.47	54.00	-8.53	Average
2	17957.370	24.32	22.90	47.22	54.00	-6.78	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

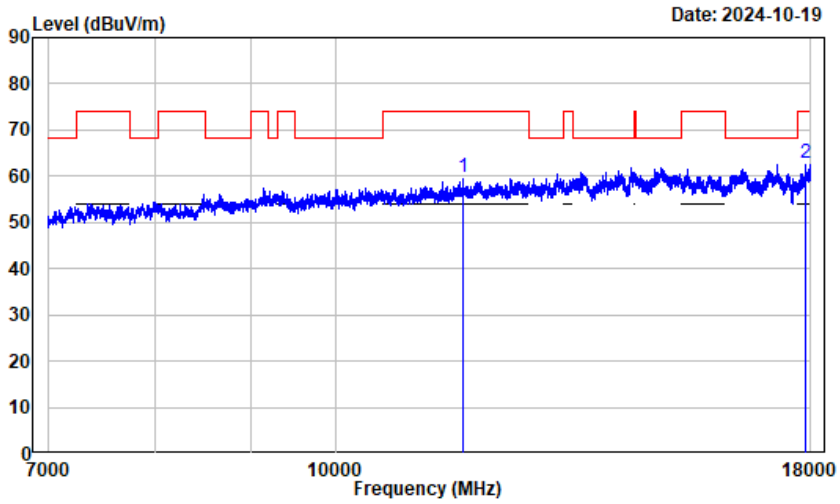
802.11ax80, 5855MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX80-5855 Freq / Factor / Read Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6995.500 8.62 47.03 55.65 68.20 -12.55 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX80-5855 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6957.995 8.68 46.63 55.31 68.20 -12.89 Peak

Horizontal-Peak

7-18GHz

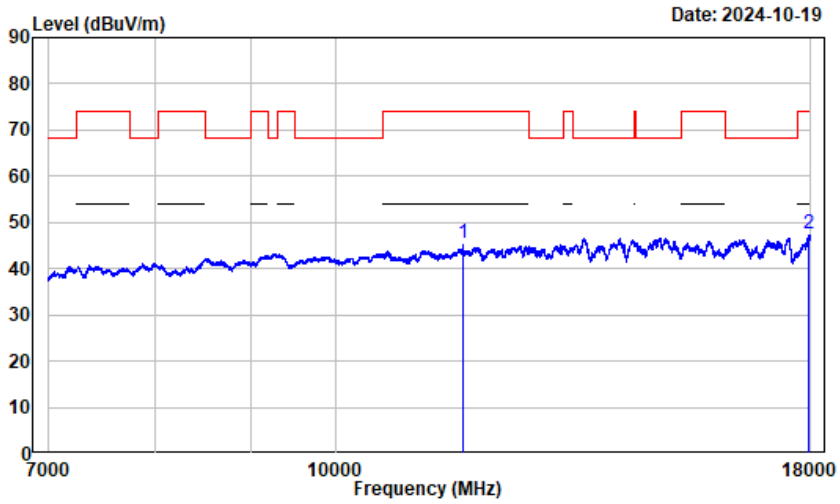


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	46.12	59.85	74.00	-14.15	Peak
2	17899.650	24.62	38.35	62.97	74.00	-11.03	Peak

Horizontal-Average

7-18GHz



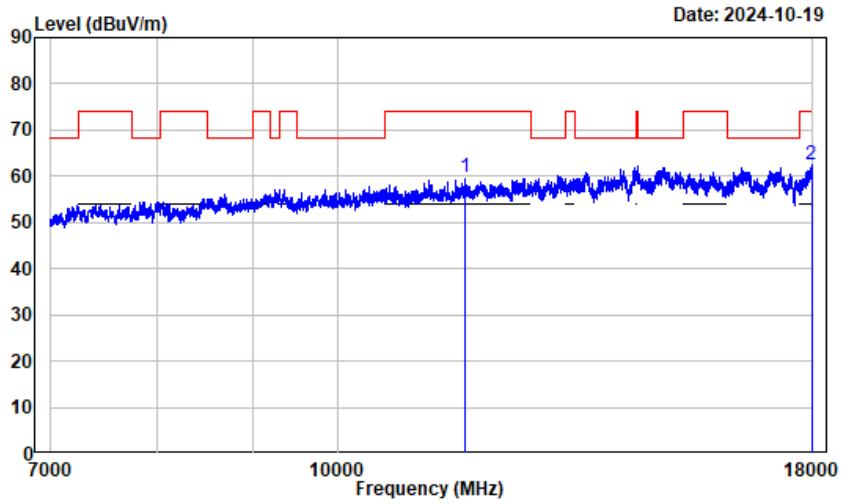
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	31.87	45.60	54.00	-8.40	Average
2	17960.120	24.34	23.04	47.38	54.00	-6.62	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

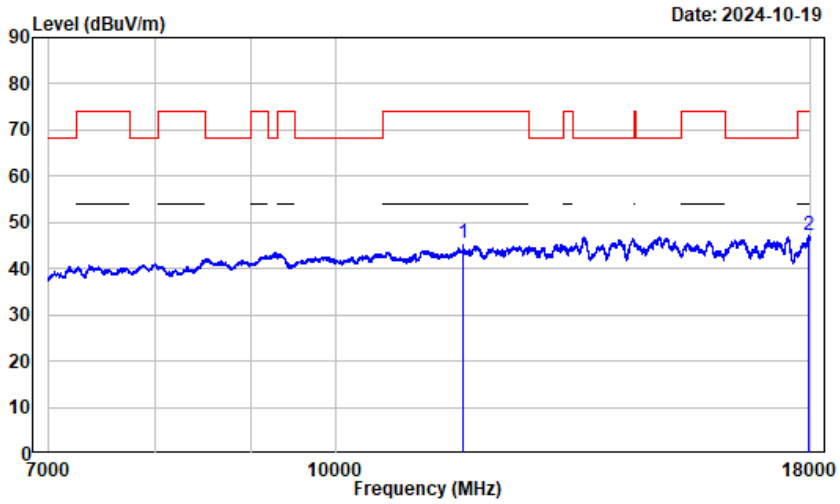


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	45.91	59.64	74.00	-14.36	Peak
2	17973.750	24.44	38.18	62.62	74.00	-11.38	Peak

Vertical-Average

7-18GHz

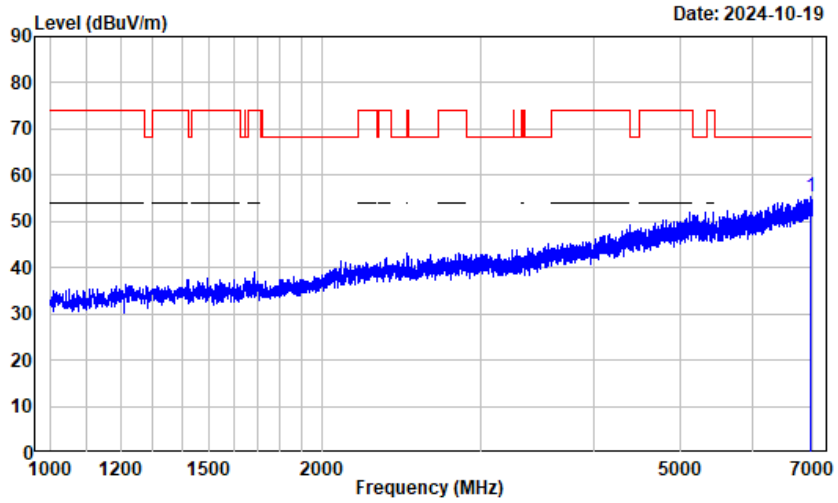


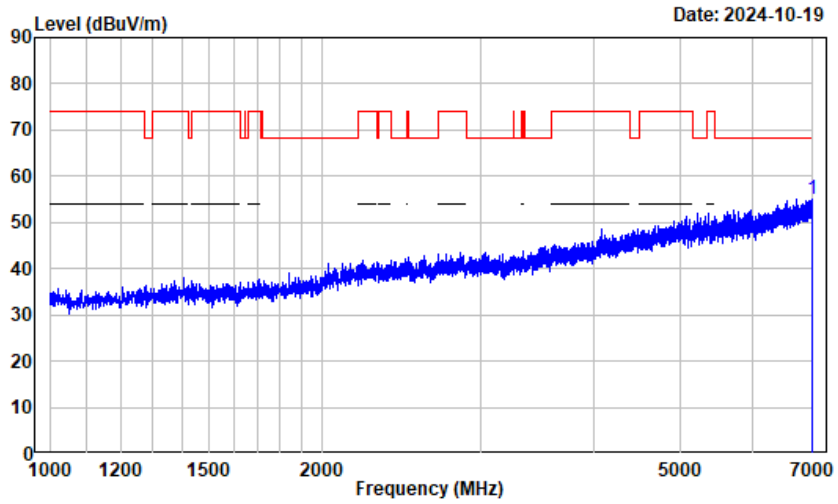
Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX80-5855

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11710.000	13.73	31.73	45.46	54.00	-8.54	Average
2	17958.740	24.33	22.90	47.23	54.00	-6.77	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

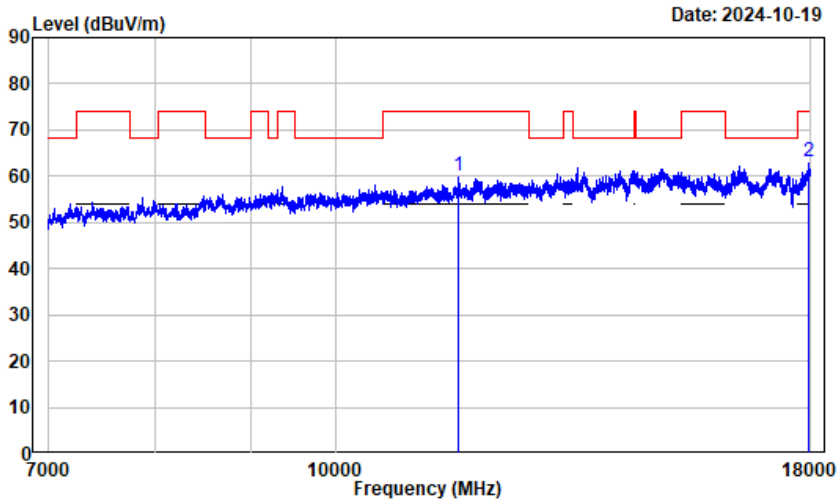
802.11ax160, 5815MHz

Horizontal	
1-7GHz	 Condition : Horizontal Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX160-5815 Freq / Factor / Read Level / Limit Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6954.244 8.69 46.75 55.44 68.20 -12.76 Peak

Vertical	
1-7GHz	 Condition : Vertical Project No.: 2401W43894E-RF Tester : Zenos Qiao Note : 5GWiFi-AX160-5815 Freq / Factor / Read Level / Level / Limit Line / Over Limit / Remark MHz / dB/m / dBuV / dBuV/m / dBuV/m / dB 1 6991.749 8.62 46.46 55.08 68.20 -13.12 Peak

Horizontal-Peak

7-18GHz

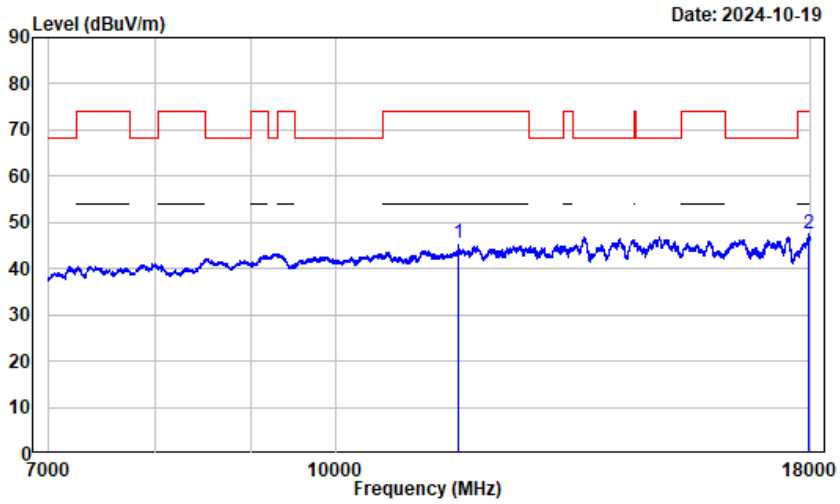


Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	46.07	59.95	74.00	-14.05	Peak
2	17945.740	24.23	38.84	63.07	74.00	-10.93	Peak

Horizontal-Average

7-18GHz



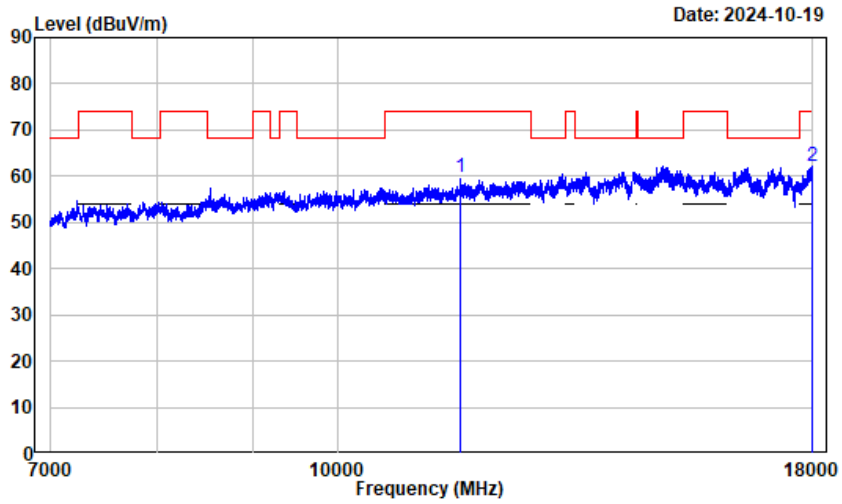
Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	31.58	45.46	54.00	-8.54	Average
2	17953.240	24.29	23.15	47.44	54.00	-6.56	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

Vertical-Peak

7-18GHz

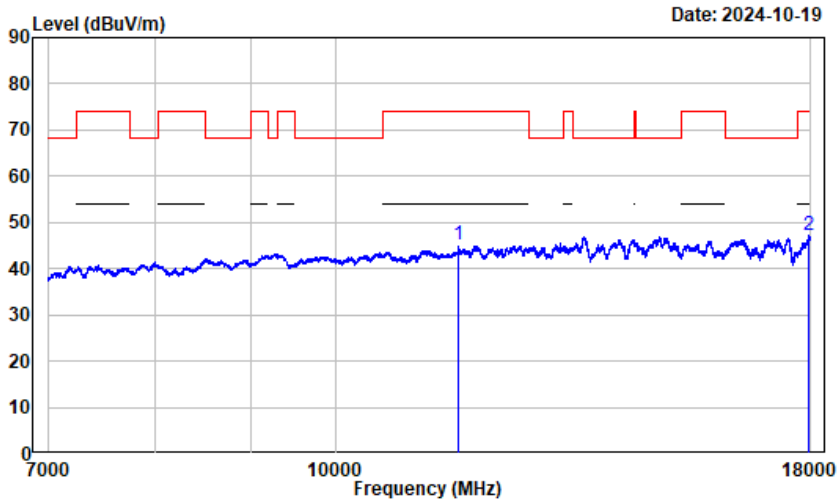


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	45.89	59.77	74.00	-14.23	Peak
2	17982.500	24.49	37.69	62.18	74.00	-11.82	Peak

Vertical-Average

7-18GHz

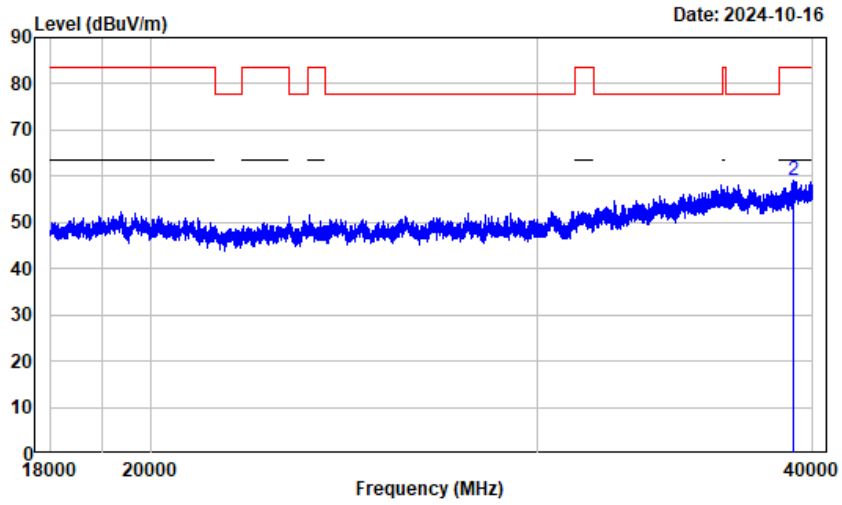


Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-AX160-5815

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11630.000	13.88	31.43	45.31	54.00	-8.69	Average
2	17955.990	24.31	22.94	47.25	54.00	-6.75	Average

Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

18-40GHz (*Only with worst case margin mode plot***):**

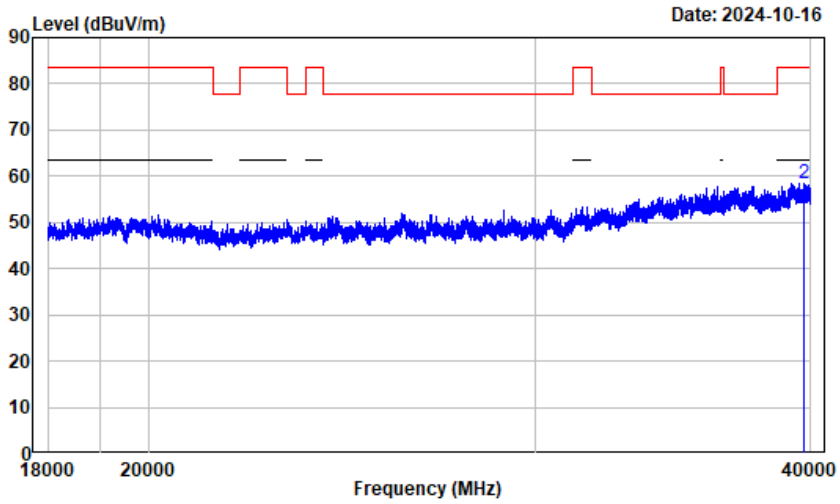
Horizontal	
18-40GHz	

Condition : Horizontal
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39227.150	22.85	30.53	53.38	63.50	-10.12	Average
2	39227.150	22.85	36.15	59.00	83.50	-24.50	Peak

Vertical

18-40GHz



Condition : Vertical
Project No.: 2401W43894E-RF
Tester : Zenos Qiao
Note : 5GWiFi-Band3-A-5700

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	39735.970	22.59	30.39	52.98	63.50	-10.52	Average
2	39735.970	22.59	35.93	58.52	83.50	-24.98	Peak

FCC §15.407(a), (e) - 26 dB & 6dB EMISSION BANDWIDTH

Applicable Standard

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

According to KDB789033 D02 section II.C and section II.D

1. Emission Bandwidth (EBW)
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

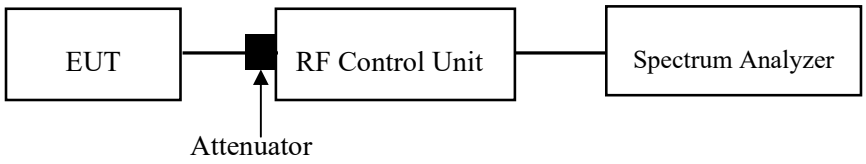
2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz and 5.850-5.895 GHz
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) 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.

3. 99% Occupied Bandwidth:

According to ANSI C63.10-2013 Section 12.4.2&6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:
a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.
d) Step a) through step c) might require iteration to adjust within the specified range.
e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).



Test Data

Environmental Conditions

Temperature:	25~26 ℃
Relative Humidity:	55~57 %
ATM Pressure:	101 kPa

The testing was performed by Tom Tan from 2024-10-13 to 2024-12-24.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

FCC §15.407(a) - CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

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.

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 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.

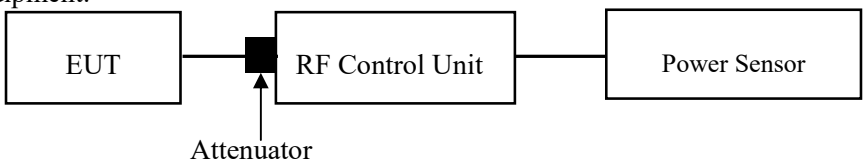
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum 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.

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method PM should be applied

a. Place the EUT on a bench and set it in transmitting mode.
b. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss.

Test Data

Environmental Conditions

Temperature:	25~26 ℃
Relative Humidity:	55~57 %
ATM Pressure:	101 kPa

The testing was performed by Tom Tan from 2024-10-13 to 2024-12-24.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

FCC §15.407(a) - POWER SPECTRAL DENSITY

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.

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 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.

For the band 5.725-5.85 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.

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Duty cycle ≥98%

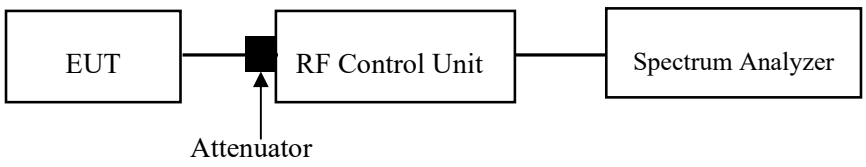
KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 should be applied.

Duty cycle <98%, duty cycle variations are less than ±2%

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 should be applied.

Duty cycle <98%, duty cycle variations exceed ±2%

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-3 should be applied.



Note: A short RF cable with low cable loss connected to the EUT antenna port, which was provided by client or lab, the cable loss was add with offset into test equipment, the total offset consists of attenuator and/or RF cable and/or power splitter loss.

Test Data

Environmental Conditions

Temperature:	25~26 ℃
Relative Humidity:	55~57 %
ATM Pressure:	101 kPa

The testing was performed by Tom Tan from 2024-10-13 to 2024-12-24.

EUT operation mode: Transmitting

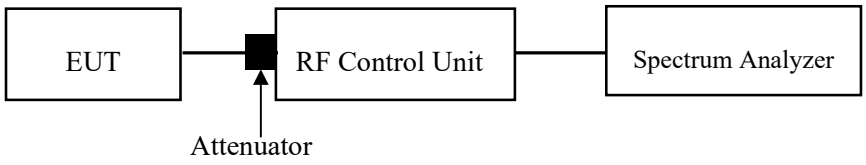
Test Result: Compliant. Please refer to the Appendix.

C63.10 §11.6- DUTY CYCLE

Test Procedure

According to ANSI C63.10-2013 Section 11.6

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
1) Set the center frequency of the instrument to the center frequency of the transmission.
2) Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ RBW. Set detector = peak or average.
4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T ≤ 16.7 μs.)



Test Data

Environmental Conditions

Temperature:	25~26 ℃
Relative Humidity:	55~57 %
ATM Pressure:	101 kPa

The testing was performed by Tom Tan from 2024-10-13 to 2024-12-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

EUT PHOTOGRAPHS

Please refer to the attachment 2401W43894E-RF External photo and 2401W43894E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2401W43894E-RFB Test Setup photo.

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