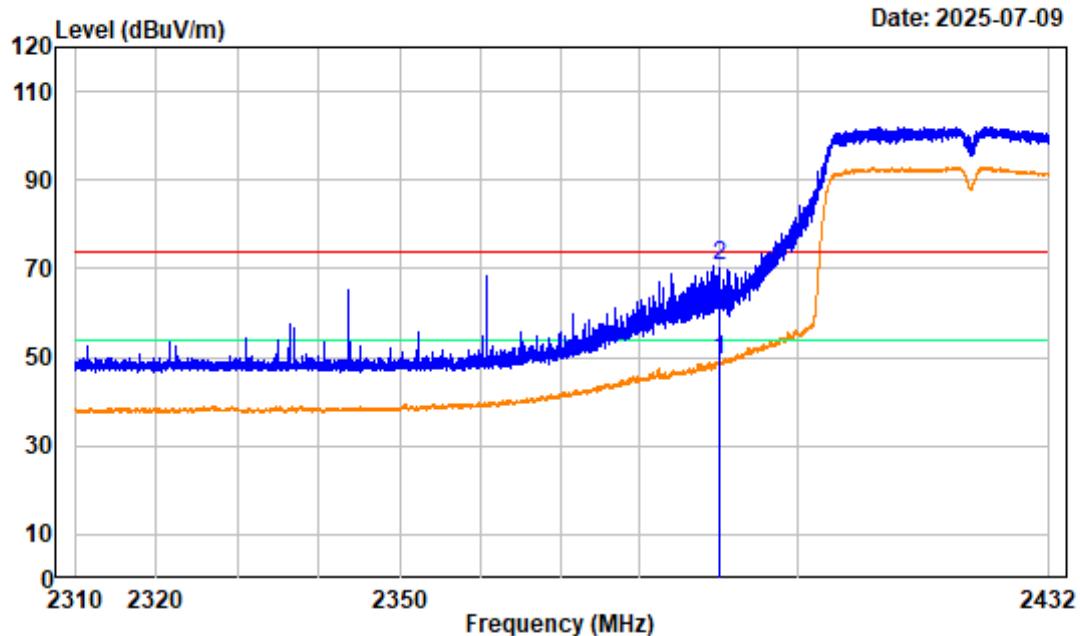


## 802.11N40 Low Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

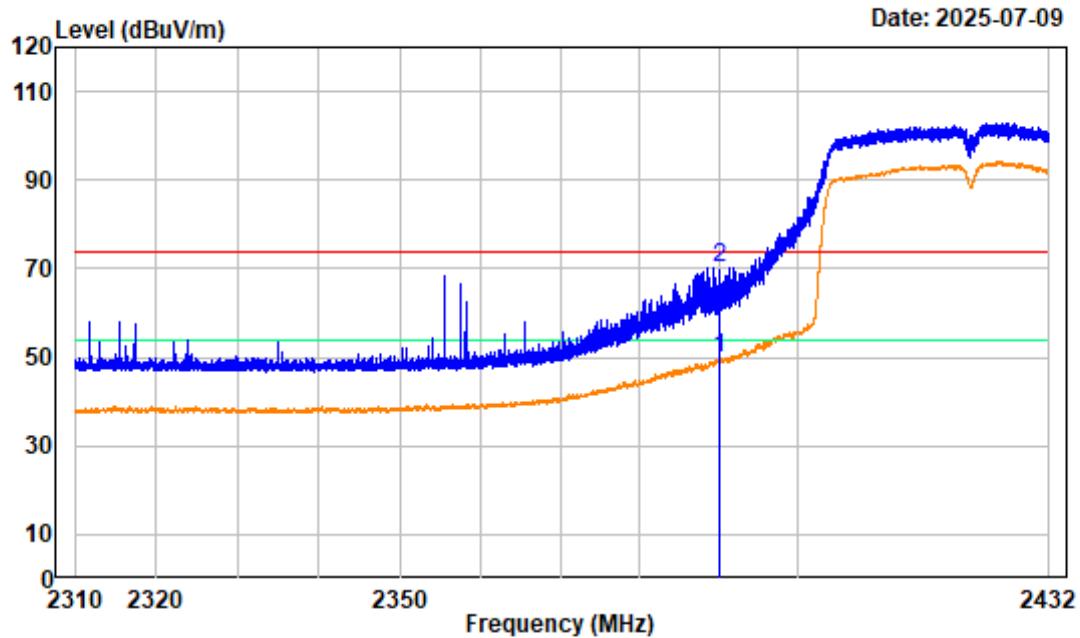
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Low Channel 2422MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	2390.000	-10.24	59.80	49.56	54.00	-4.44	Average
2	2390.000	-10.24	80.77	70.53	74.00	-3.47	peak

## 802.11N40 Low Channel Bandedge\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

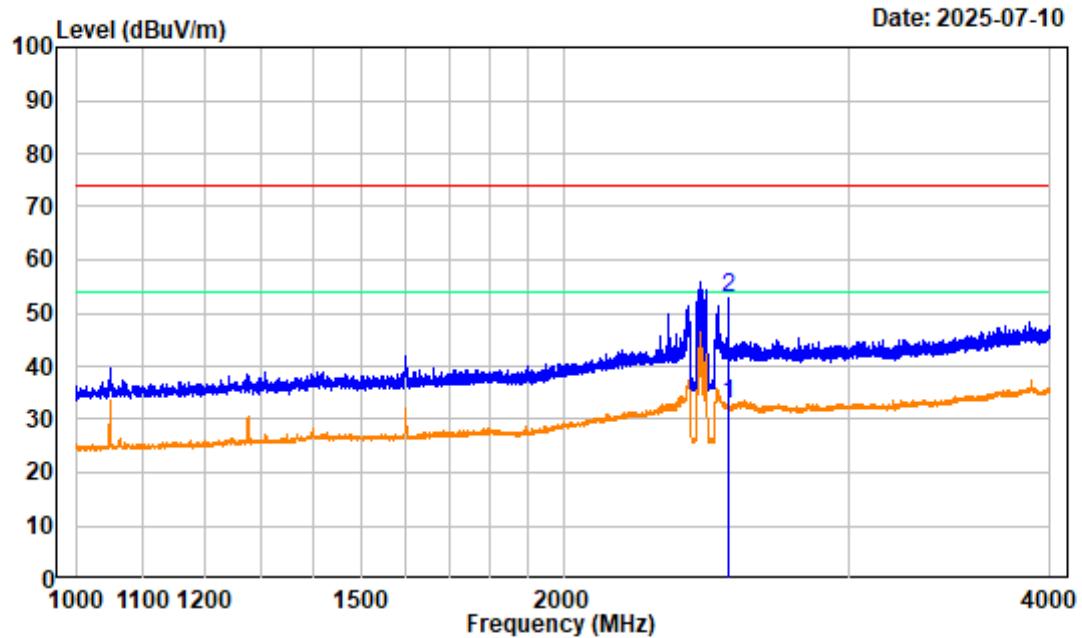
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Low Channel 2422MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark	
		MHz	dB/m	Level	dBuV	dBuV/m	dBuV/m
1	2390.000	-10.24	60.11	49.87	54.00	-4.13	average
2	2390.000	-10.24	80.59	70.35	74.00	-3.65	peak

## 802.11N40 Middle Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

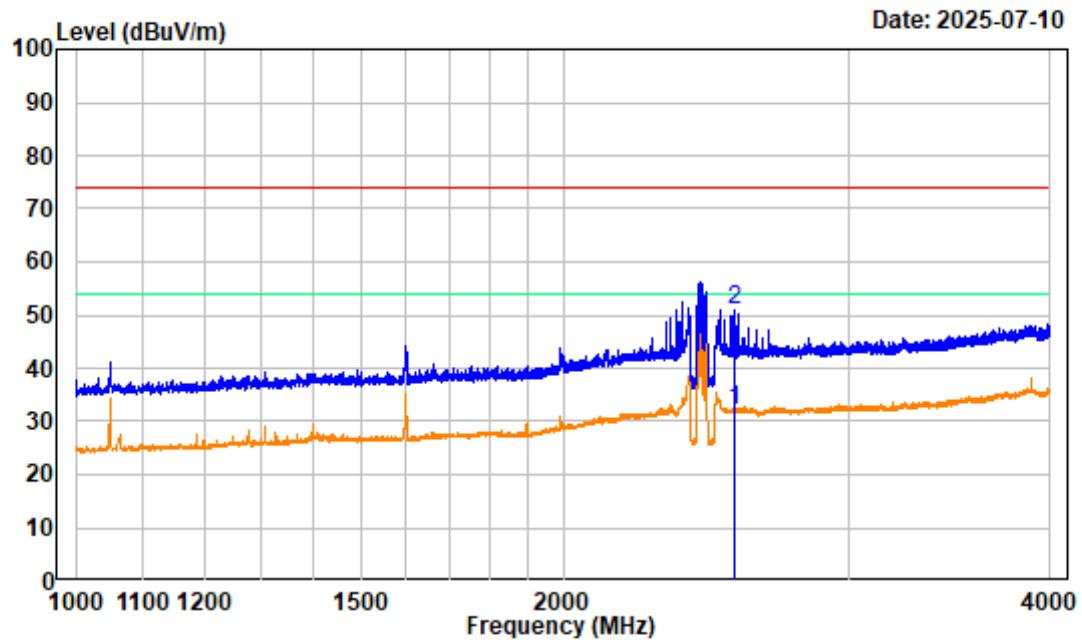
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB
1	2530.000	-10.18	42.96	32.78	54.00	-21.22	Average
2	2530.000	-10.18	62.99	52.81	74.00	-21.19	Peak

## 802.11N40 Middle Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

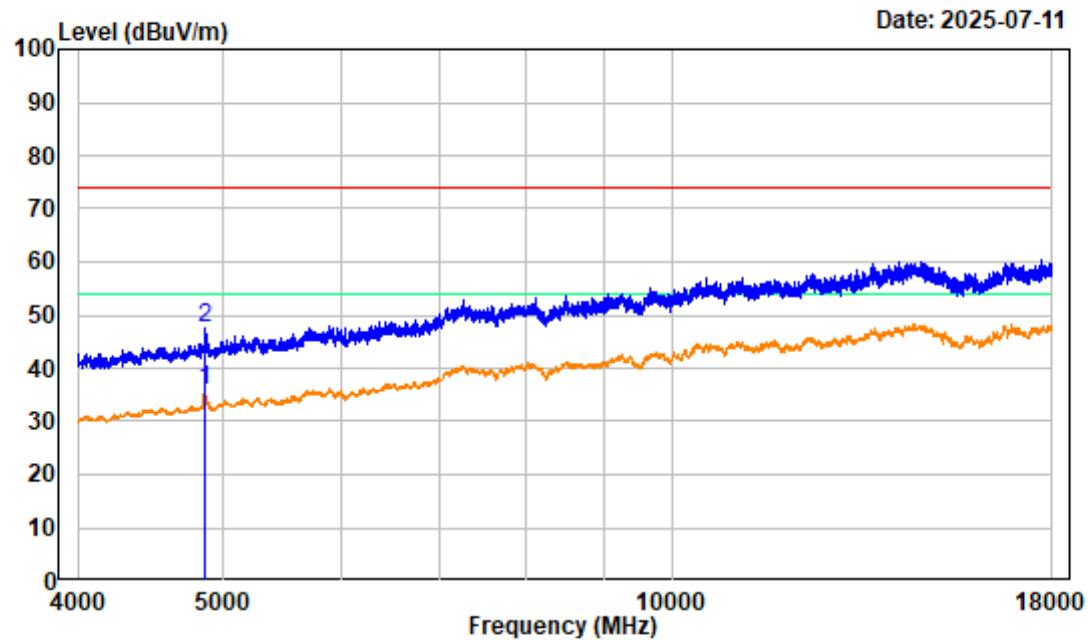
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	Line		
1	2552.875	-10.13	42.38	32.25	54.00	-21.75	Average
2	2552.875	-10.13	61.13	51.00	74.00	-23.00	Peak

## 802.11N40 Middle Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

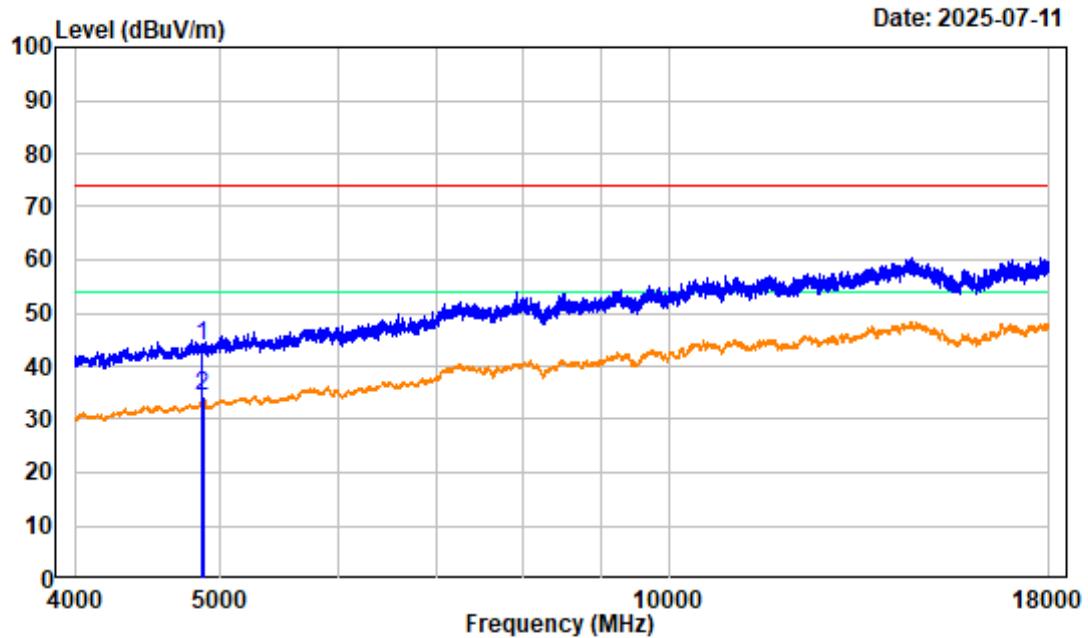
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4869.750	-6.63	42.36	35.73	54.00	-18.27	Average
2	4869.750	-6.63	54.23	47.60	74.00	-26.40	Peak

## 802.11N40 Middle Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

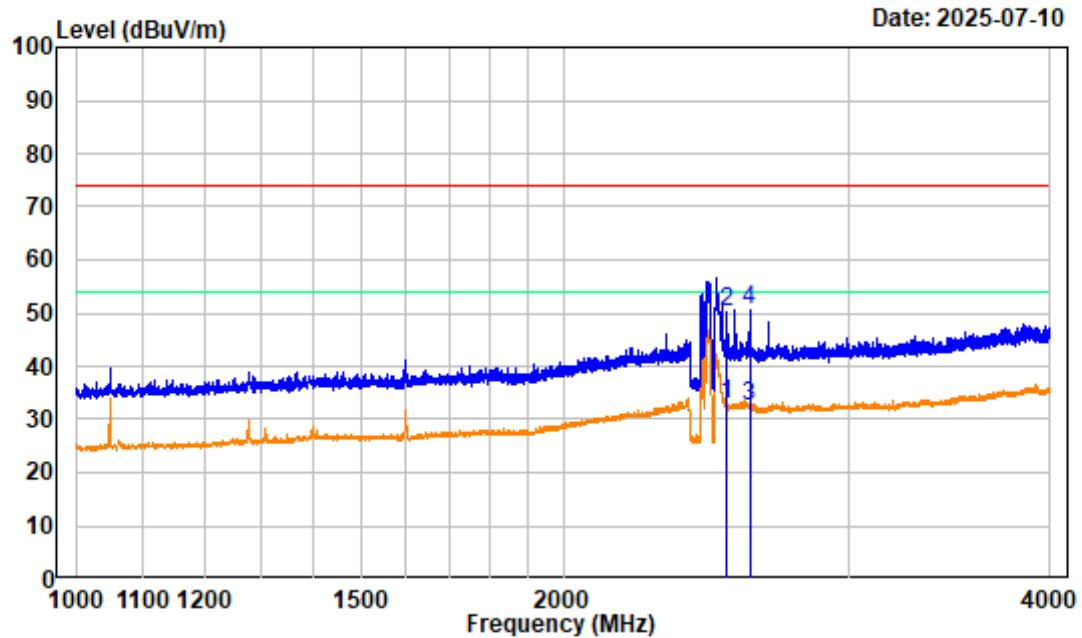
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4873.250	-6.63	50.53	43.90	74.00	-30.10	Peak
2	4874.000	-6.63	40.96	34.33	54.00	-19.67	Average

## 802.11N40 High Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

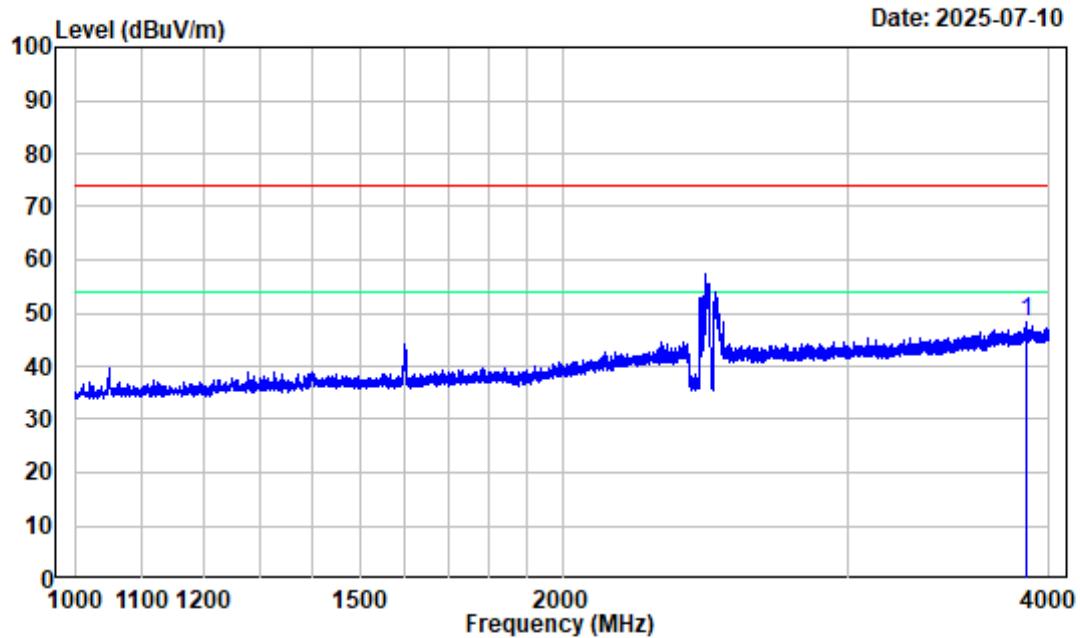
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m	dBuV/m	
1	2527.375	-10.18	42.95	32.77	54.00	-21.23	Average
2	2527.375	-10.18	60.44	50.26	74.00	-23.74	Peak
3	2608.375	-9.98	42.44	32.46	54.00	-21.54	Average
4	2608.375	-9.98	60.65	50.67	74.00	-23.33	Peak

## 802.11N40 High Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

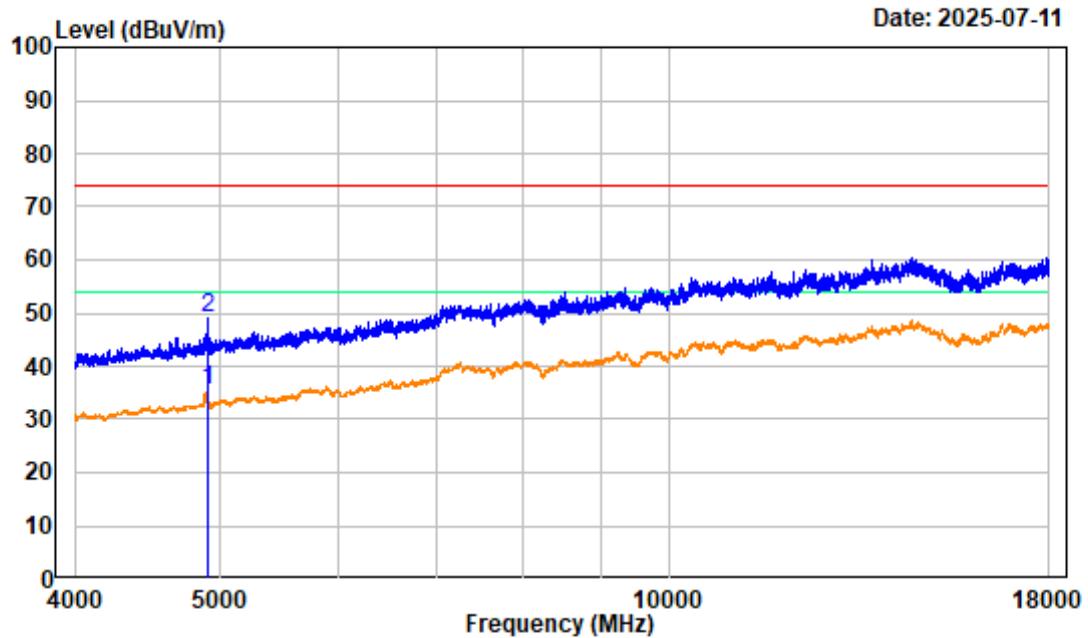
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	Line		
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB		
1 3874.000	-8.15	56.42	48.27	74.00	-25.73	Peak	

## 802.11N40 High Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

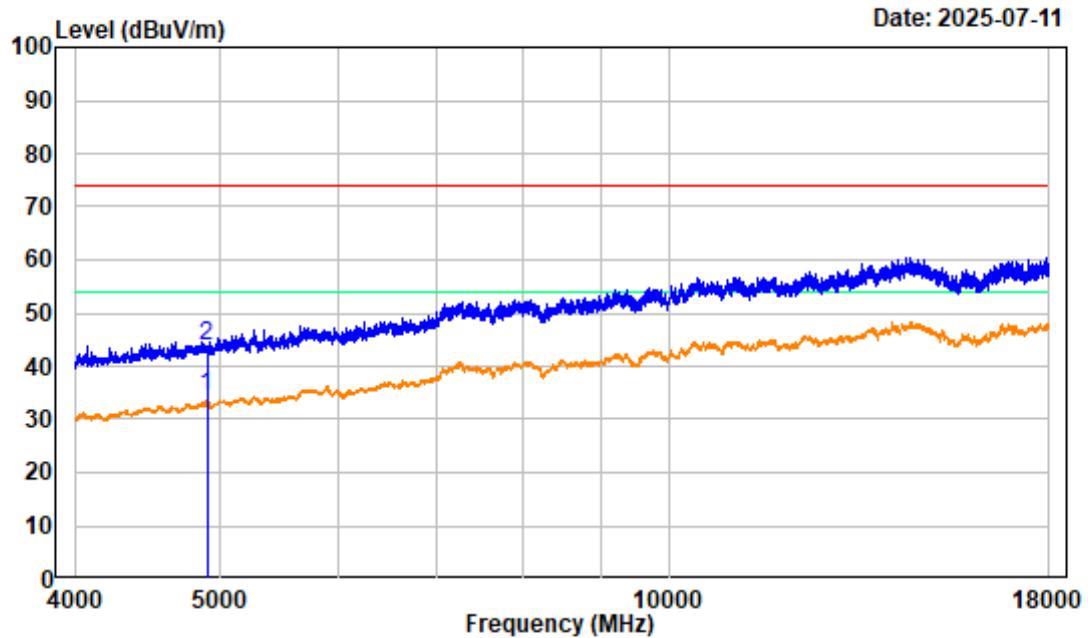
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4913.500	-6.61	42.23	35.62	54.00	-18.38	Average
2	4913.500	-6.61	55.82	49.21	74.00	-24.79	Peak

## 802.11N40 High Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

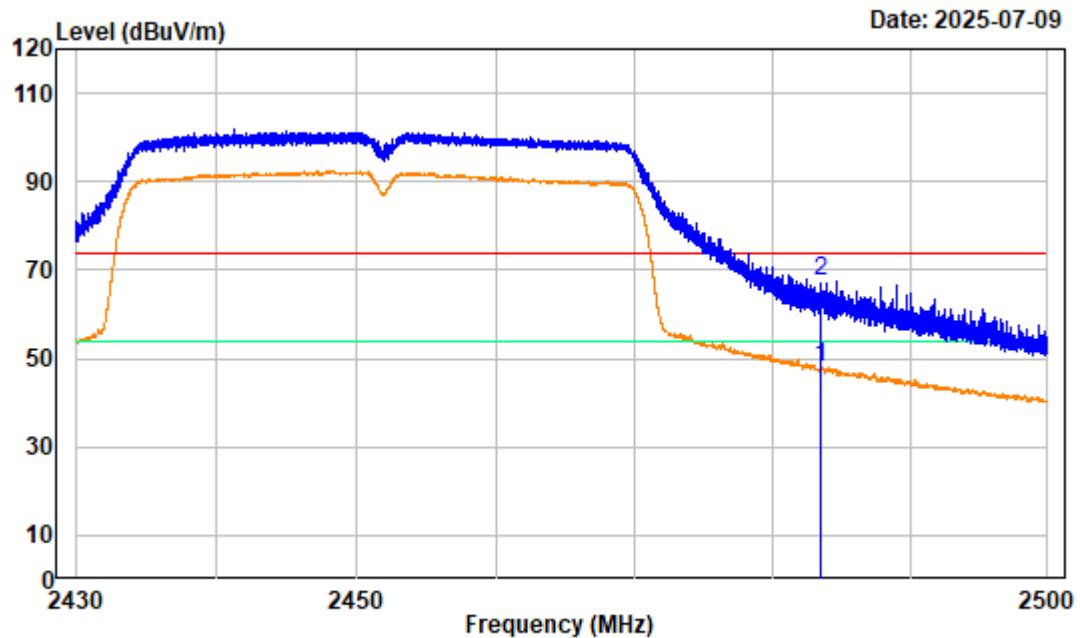
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4904.750	-6.62	41.03	34.41	54.00	-19.59	Average
2	4904.750	-6.62	50.52	43.90	74.00	-30.10	Peak

## 802.11N40 High Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

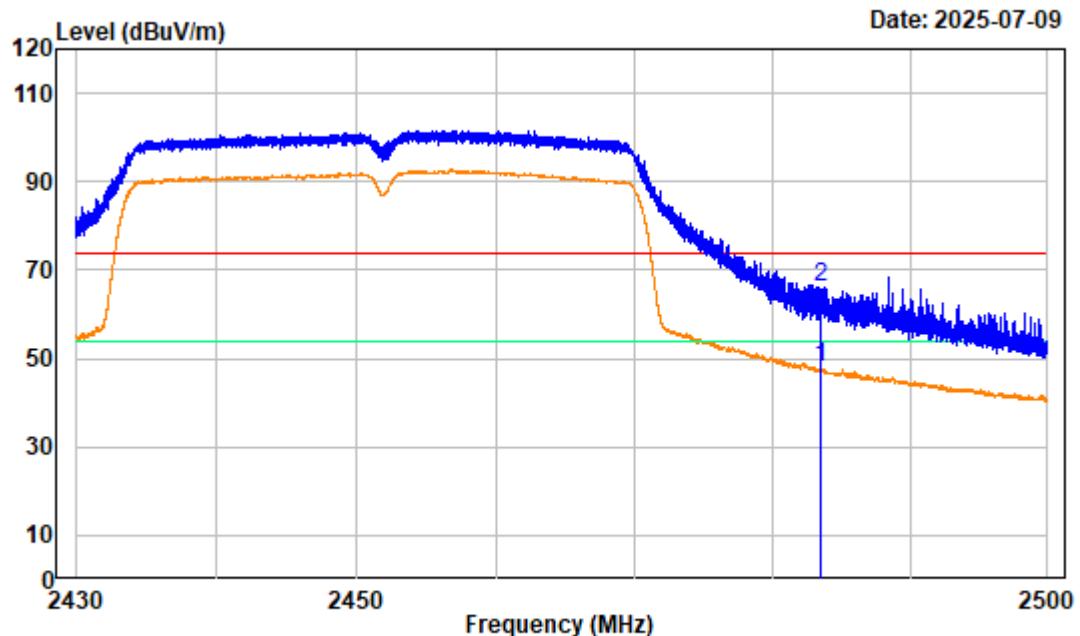
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	Line		
1	2483.500	-10.22	58.20	47.98	54.00	-6.02	average
2	2483.500	-10.22	77.47	67.25	74.00	-6.75	peak

## 802.11N40 High Channel Bandedge\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

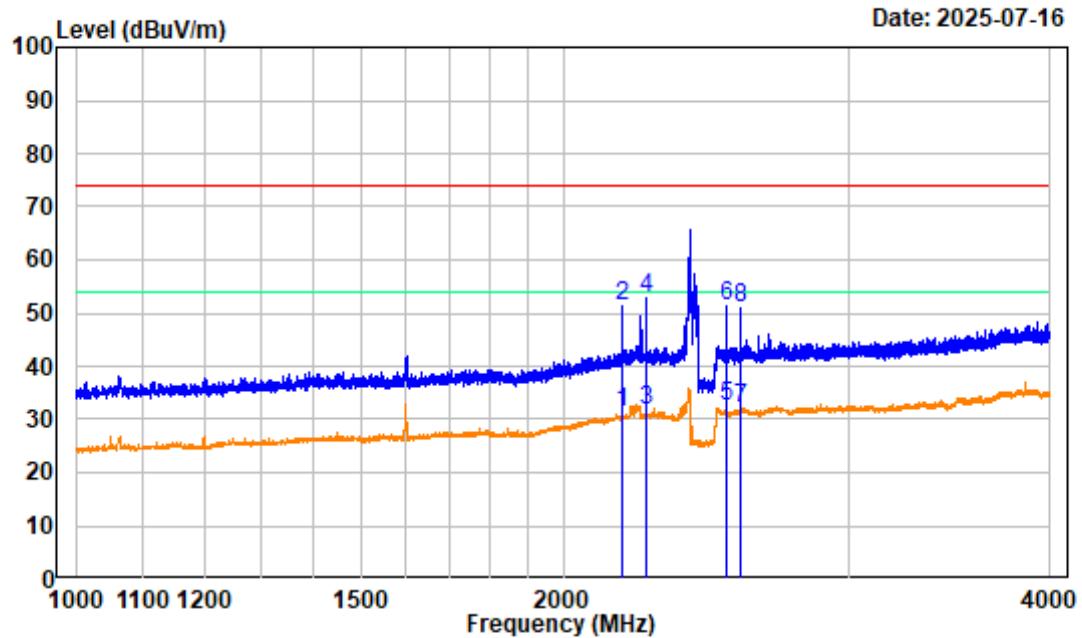
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 High Channel 2452MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	dBuV/m		
1	2483.500	-10.22	58.16	47.94	54.00	-6.06	average
2	2483.500	-10.22	76.12	65.90	74.00	-8.10	peak

## 802.11AX20 Low Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

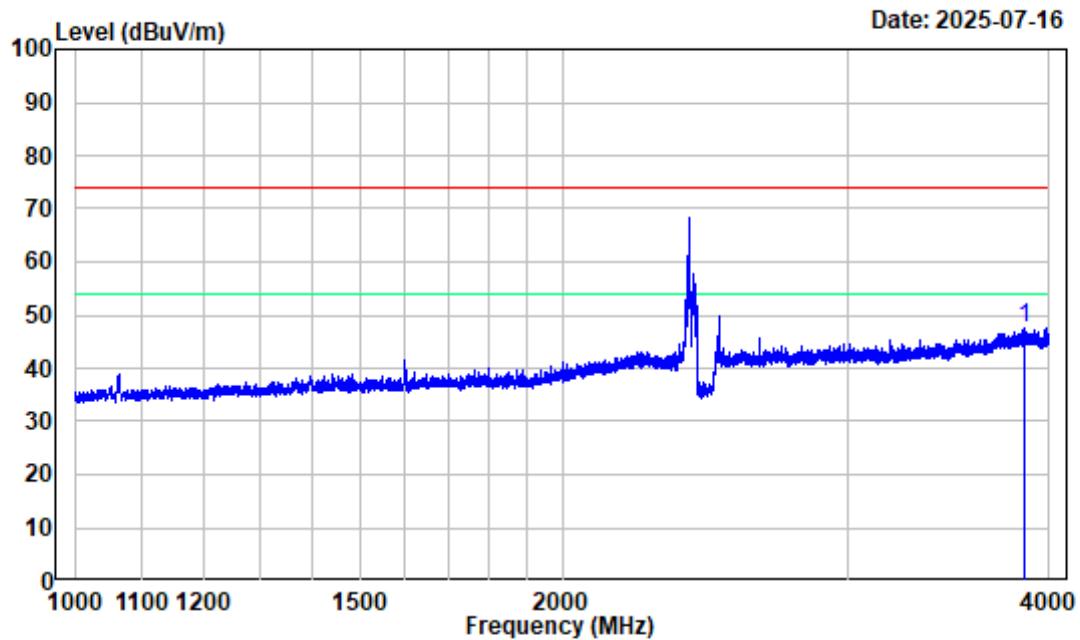
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit Line	Over Limit	Remark
		MHz	dB/m	dBuV	dBuV/m	
1	2175.250	-10.37	41.85	31.48	54.00	-22.52 Average
2	2175.250	-10.37	61.85	51.48	74.00	-22.52 Peak
3	2254.375	-10.10	41.70	31.60	54.00	-22.40 Average
4	2254.375	-10.10	62.85	52.75	74.00	-21.25 Peak
5	2522.125	-10.20	42.60	32.40	54.00	-21.60 Average
6	2522.125	-10.20	61.57	51.37	74.00	-22.63 Peak
7	2575.375	-10.00	42.22	32.22	54.00	-21.78 Average
8	2575.375	-10.00	61.01	51.01	74.00	-22.99 Peak

## 802.11AX20 Low Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

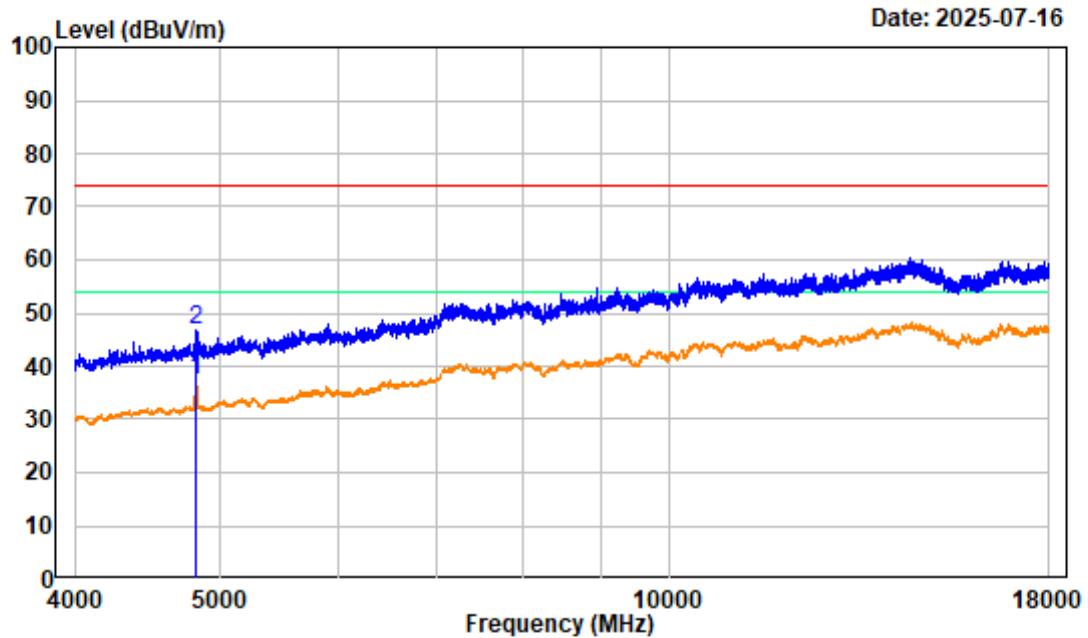
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	3859.375	-8.27	55.91	47.64	74.00	-26.36	Peak

## 802.11AX20 Low Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

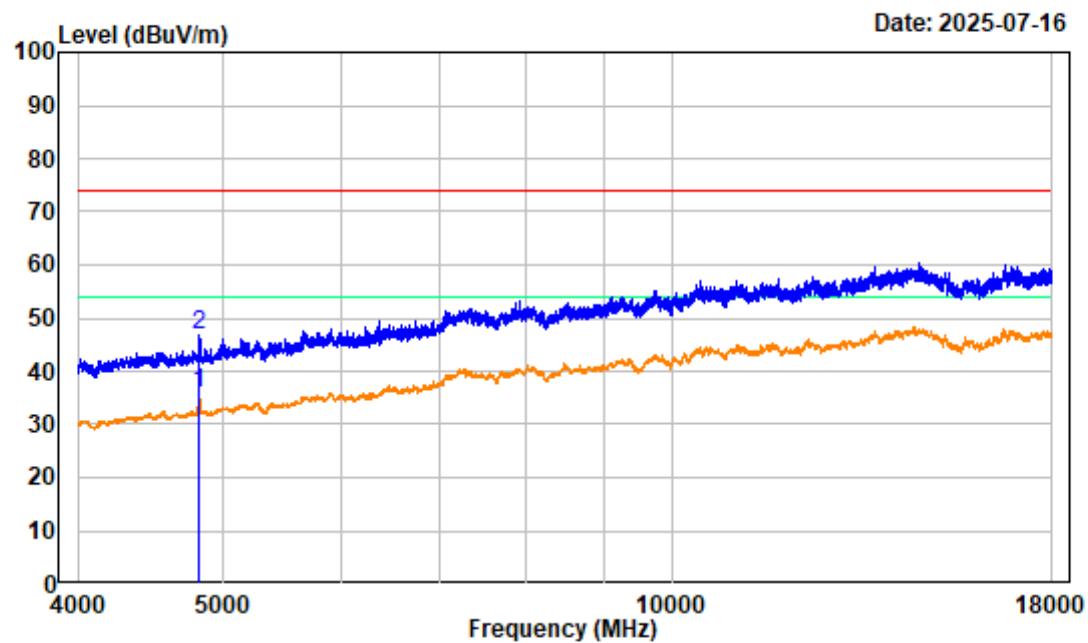
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	Line		
1	4826.000	-6.61	43.82	37.21	54.00	-16.79	Average
2	4826.000	-6.61	53.41	46.80	74.00	-27.20	Peak

## 802.11AX20 Low Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

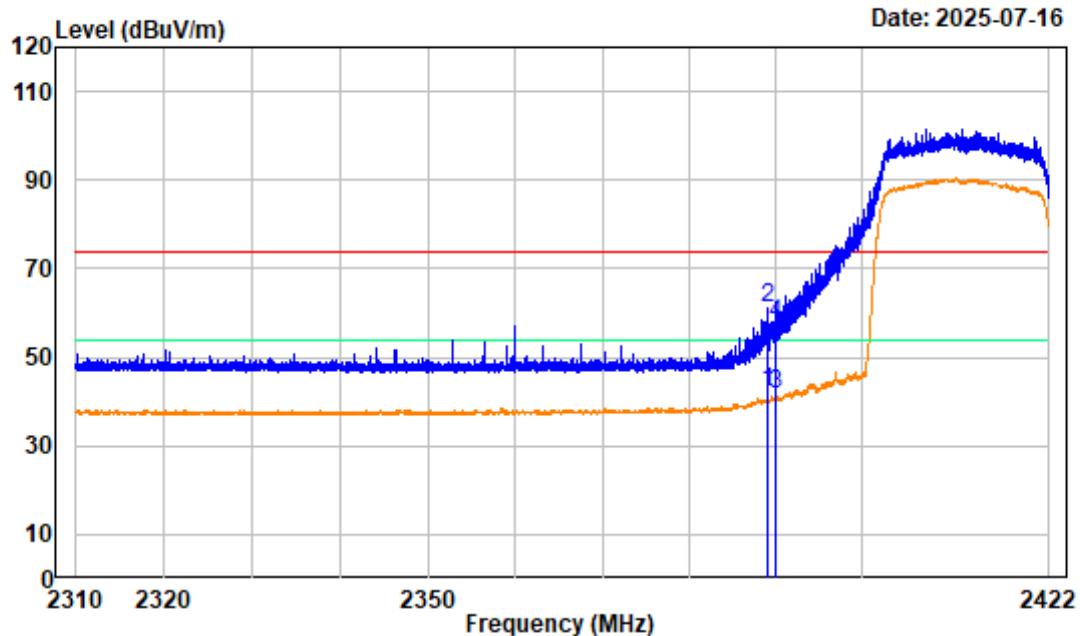
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
1	4822.500	-6.60	42.42	35.82	54.00	-18.18 Average
2	4822.500	-6.60	53.31	46.71	74.00	-27.29 Peak

## 802.11AX20 Low Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

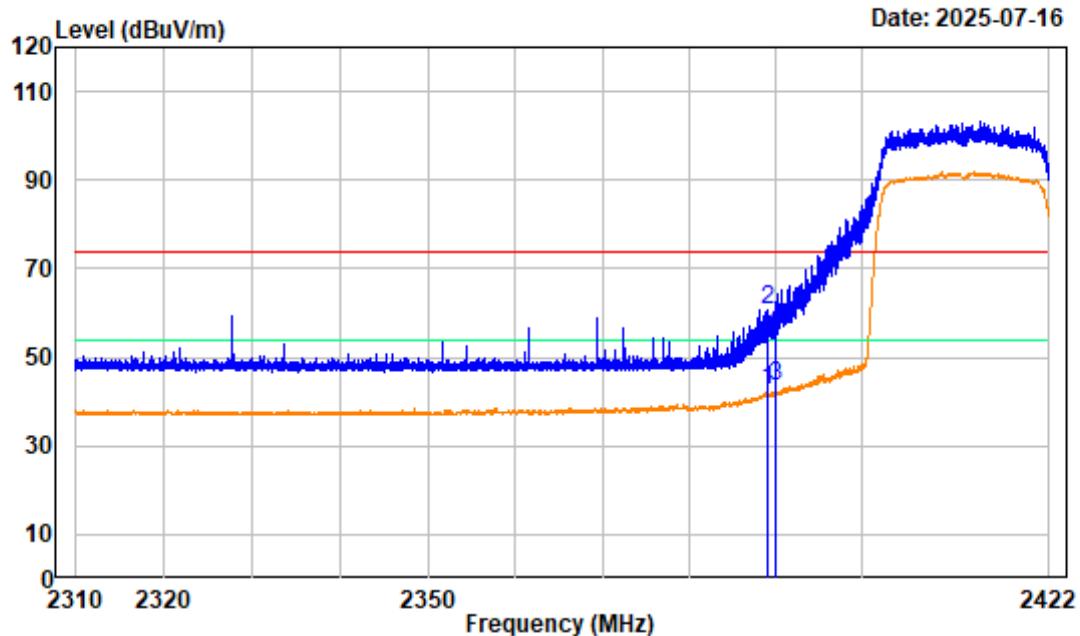
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
1	2389.086	-10.24	52.42	42.18	54.00	-11.82 Average
2	2389.086	-10.24	71.31	61.07	74.00	-12.93 Peak
3	2389.996	-10.24	51.96	41.72	54.00	-12.28 Average
4	2389.996	-10.24	67.95	57.71	74.00	-16.29 Peak

**802.11AX20 Low Channel Bandedge\_VERTICAL**

Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

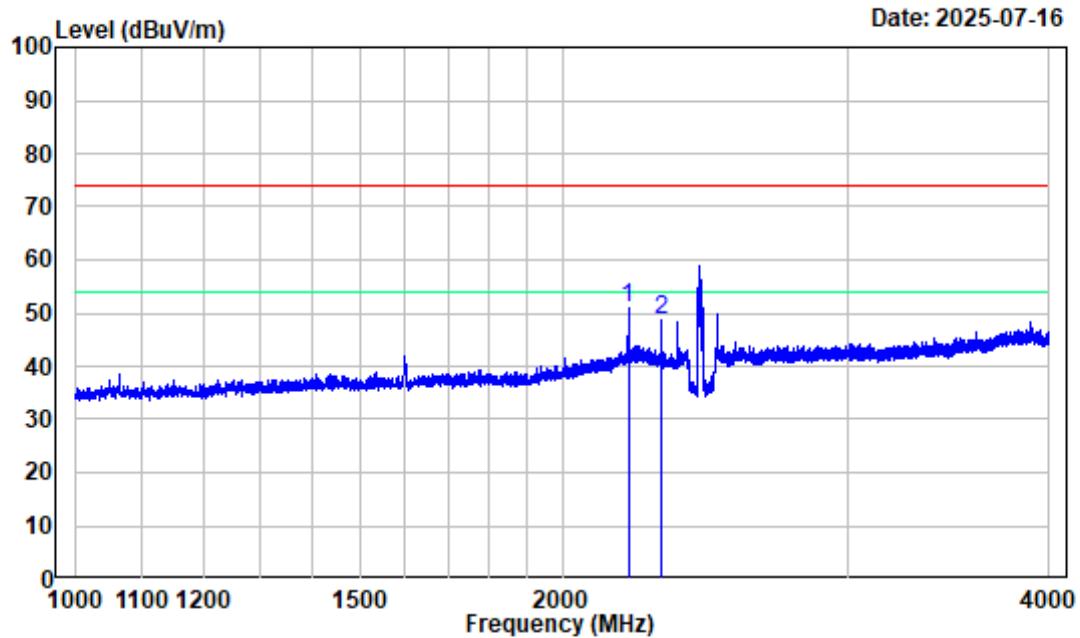
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Low Channel 2412MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		MHz	dB/m	dBuV	dBuV/m	
1	2389.002	-10.24	52.95	42.71	54.00	-11.29 Average
2	2389.002	-10.24	70.93	60.69	74.00	-13.31 Peak
3	2389.996	-10.24	53.62	43.38	54.00	-10.62 Average
4	2389.996	-10.24	66.59	56.35	74.00	-17.65 Peak

## 802.11AX20 Middle Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

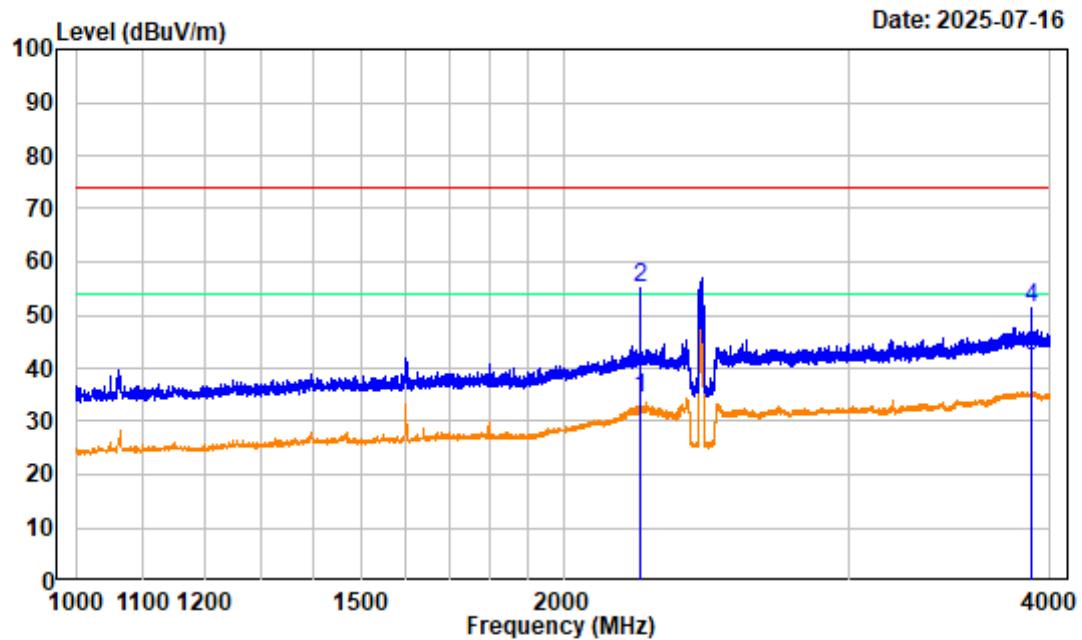
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	2197.750	-10.13	61.12	50.99	74.00	-23.01	Peak
2	2302.000	-9.91	58.69	48.78	74.00	-25.22	Peak

## 802.11AX20 Middle Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

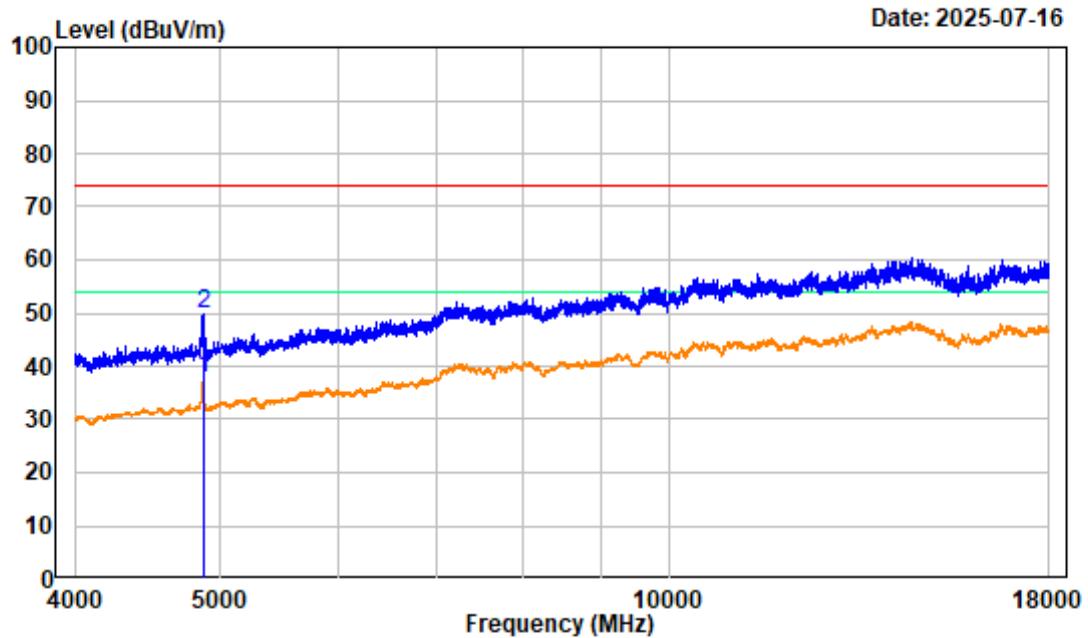
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit Line	Over Limit	Remark
		MHz	dB/m	dBuV	dBuV/m	
1	2232.250	-10.10	44.30	34.20	54.00	-19.80 Average
2	2232.250	-10.10	65.21	55.11	74.00	-18.89 Peak
3	3899.875	-7.91	50.35	42.44	54.00	-11.56 Average
4	3899.875	-7.91	59.33	51.42	74.00	-22.58 Peak

## 802.11AX20 Middle Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

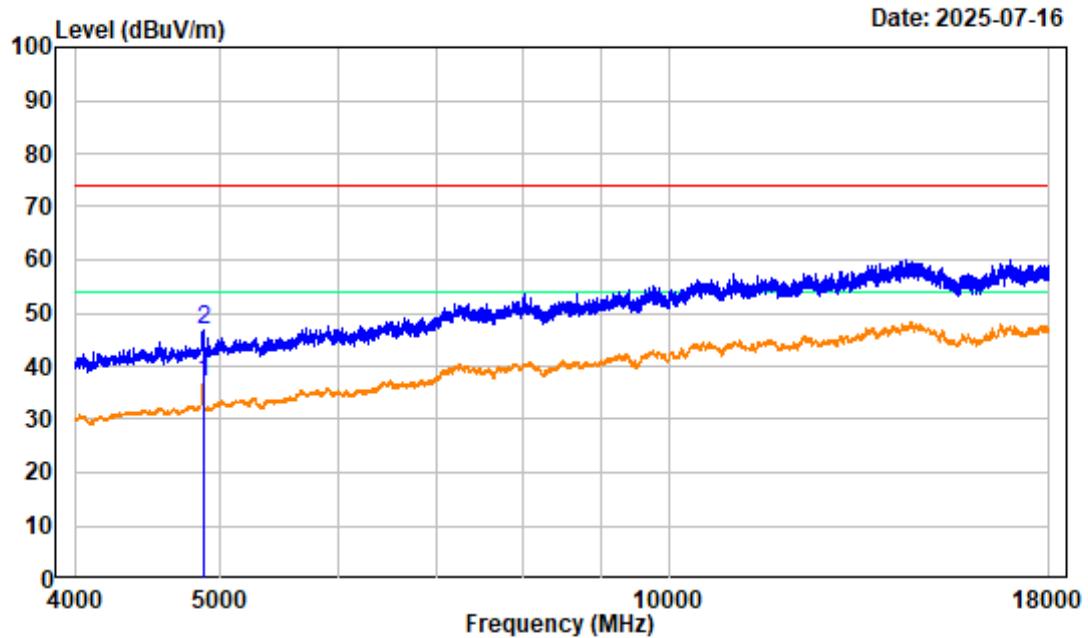
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4878.500	-6.63	44.41	37.78	54.00	-16.22	Average
2	4878.500	-6.63	56.40	49.77	74.00	-24.23	Peak

## 802.11AX20 Middle Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

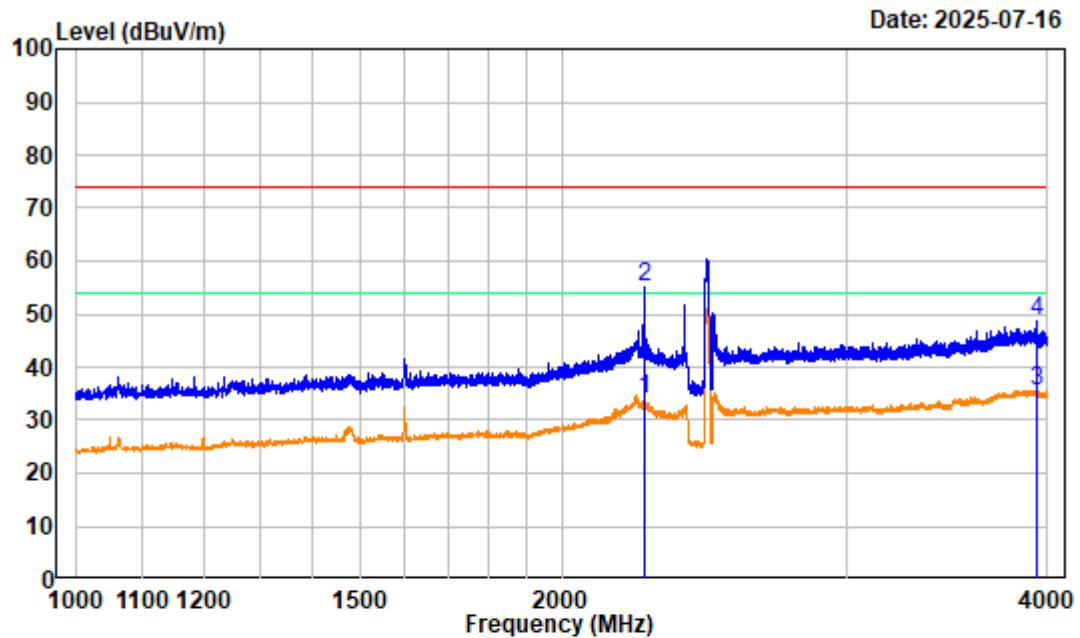
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
1	4875.000	-6.62	43.60	36.98	54.00	-17.02 Average
2	4875.000	-6.62	53.56	46.94	74.00	-27.06 Peak

## 802.11AX20 High Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

Test Mode : Transmitting

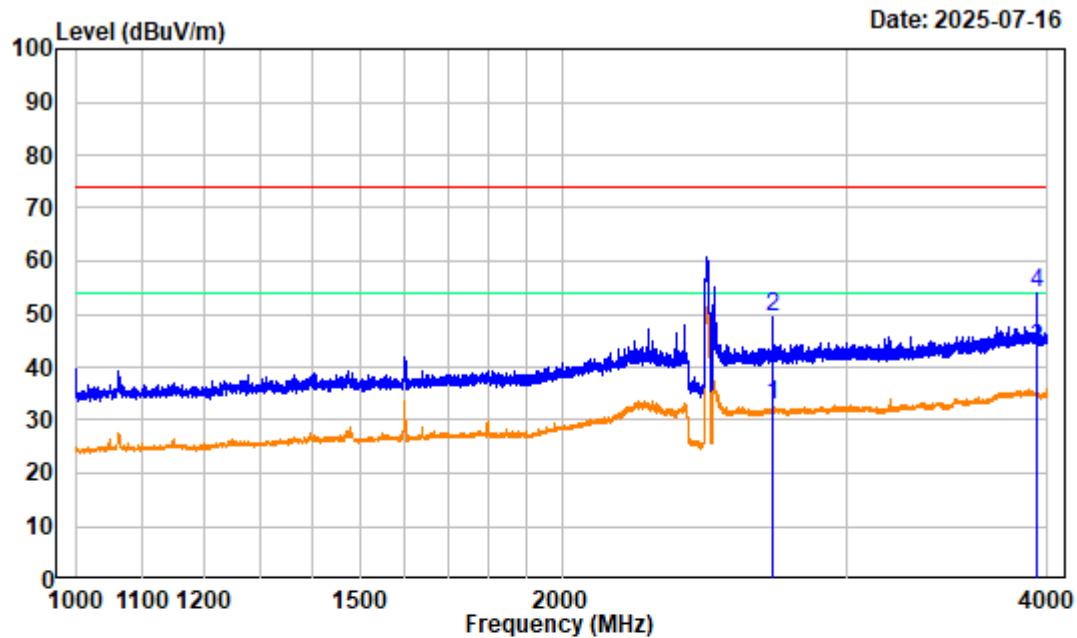
Tester: Kevin Lv

Note : 802.11AX20 High Channel 2462MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.125	-10.11	44.12	34.01	54.00	-19.99	Average
2	2252.125	-10.11	65.03	54.92	74.00	-19.08	Peak
3	3940.000	-8.30	43.92	35.62	54.00	-18.38	Average
4	3940.000	-8.30	56.89	48.59	74.00	-25.41	Peak

## 802.11AX20 High Channel 1GHz-4GHz\_ VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

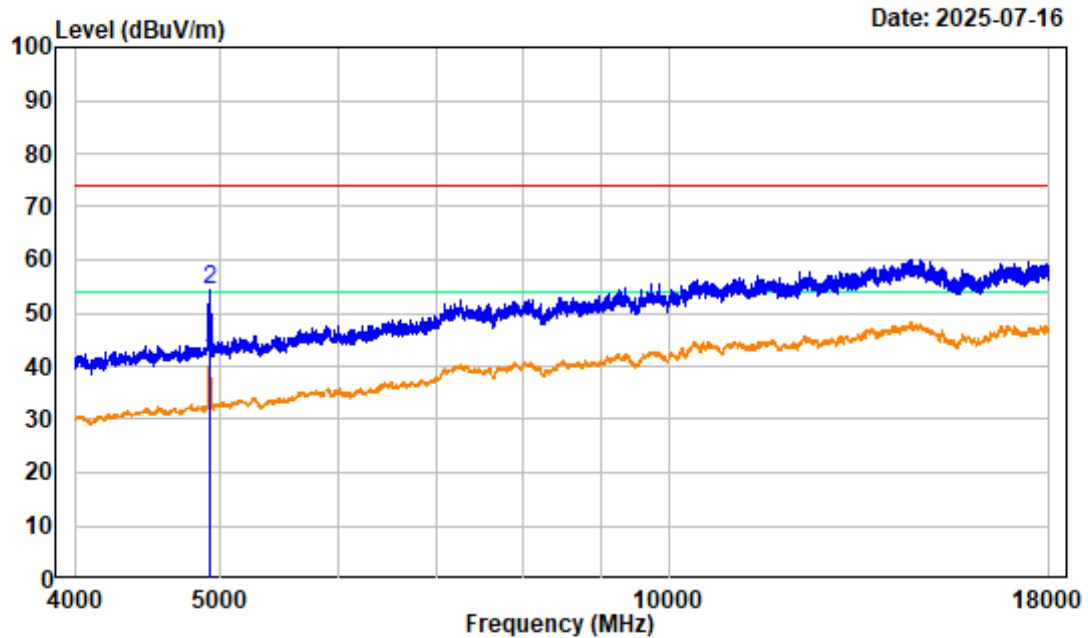
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 High Channel 2462MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2702.875	-9.73	42.39	32.66	54.00	-21.34	Average
2	2702.875	-9.73	58.98	49.25	74.00	-24.75	Peak
3	3939.250	-8.29	51.55	43.26	54.00	-10.74	Average
4	3939.250	-8.29	62.41	54.12	74.00	-19.88	Peak

## 802.11AX20 High Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

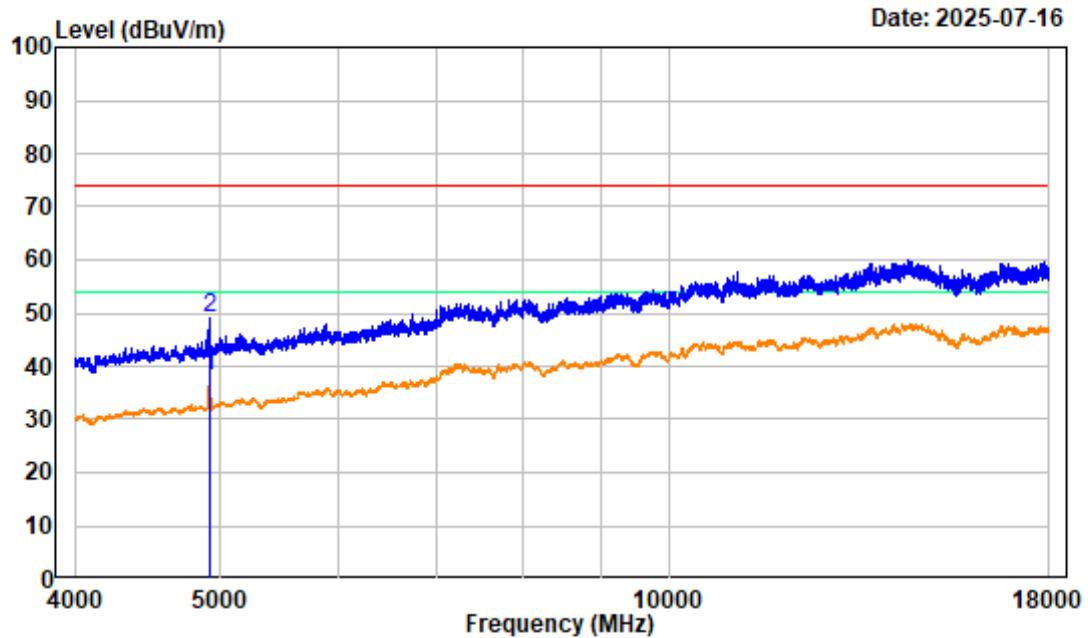
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 High Channel 2462MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4927.500	-6.59	47.61	41.02	54.00	-12.98	Average
2	4927.500	-6.59	61.06	54.47	74.00	-19.53	Peak

**802.11AX20 High Channel 4GHz-18GHz\_VERTICAL**

Site : chamber

Condition : 3m VERTICAL

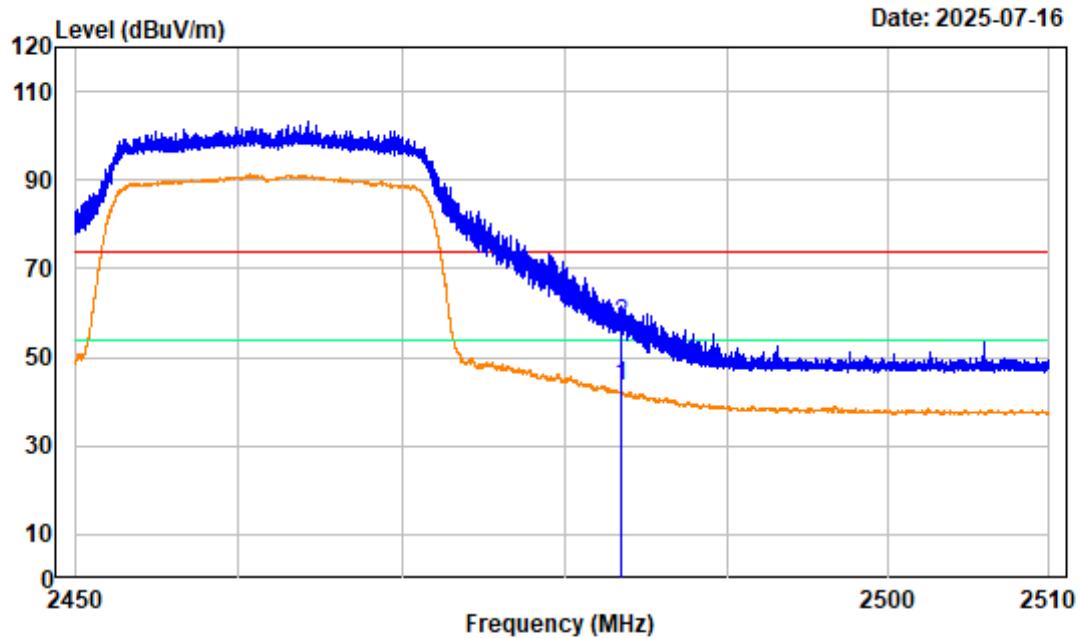
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 High Channel 2462MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4922.250	-6.59	44.70	38.11	54.00	-15.89	Average
2	4922.250	-6.59	55.67	49.08	74.00	-24.92	Peak

**802.11AX20 High Channel Bandedge\_HORIZONTAL**

Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

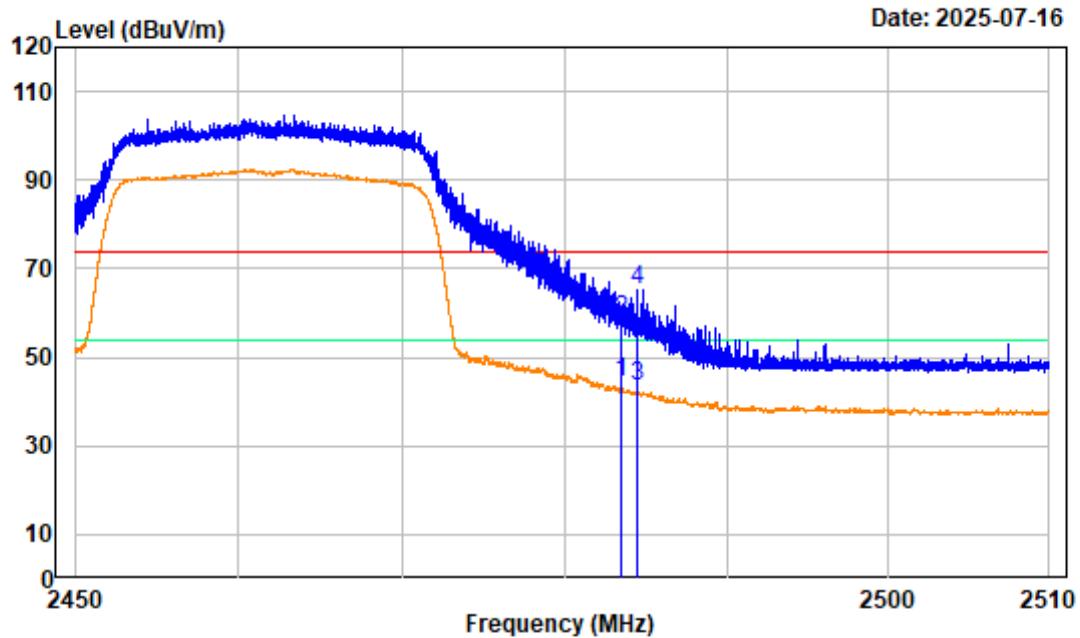
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 High Channel 2462MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	2483.502	-10.22	53.58	43.36	54.00	-10.64	Average
2	2483.502	-10.22	67.55	57.33	74.00	-16.67	Peak

## 802.11AX20 High Channel Bandedge\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

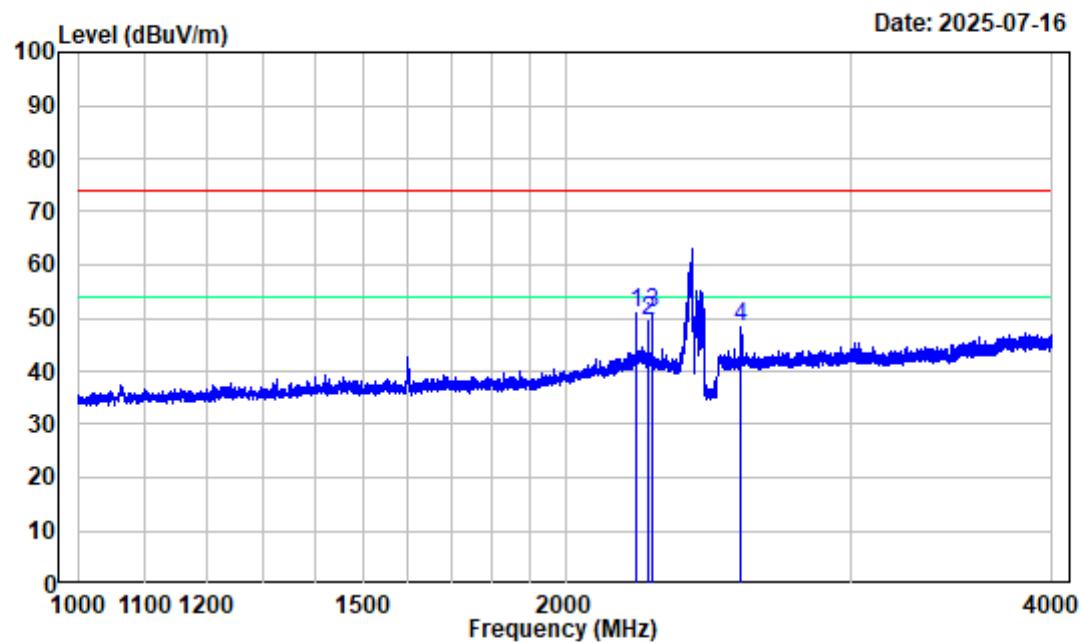
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX20 High Channel 2462MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
		MHz	dB/m	dBuV	dBuV/m	dBuV/m
1	2483.502	-10.22	54.54	44.32	54.00	-9.68 Average
2	2483.502	-10.22	68.41	58.19	74.00	-15.81 Peak
3	2484.403	-10.23	53.64	43.41	54.00	-10.59 Average
4	2484.403	-10.23	75.63	65.40	74.00	-8.60 Peak

## 802.11AX40 Low Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

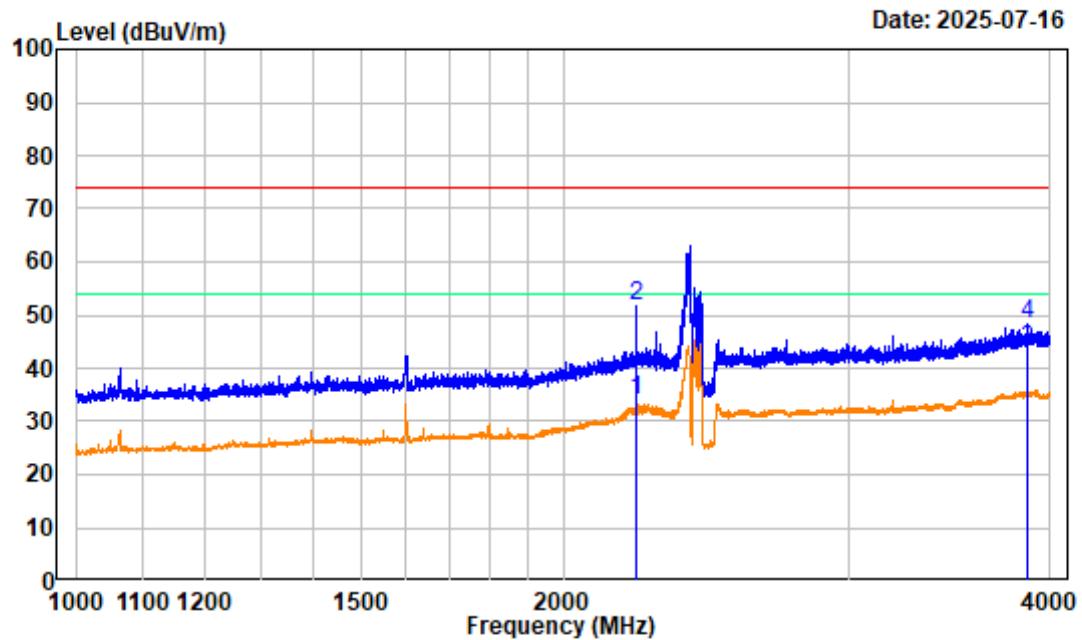
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
1	2213.875	-10.11	60.93	50.82	74.00	-23.18 Peak
2	2250.250	-10.12	59.41	49.29	74.00	-24.71 Peak
3	2261.875	-10.07	60.87	50.80	74.00	-23.20 Peak
4	2565.625	-10.05	58.50	48.45	74.00	-25.55 Peak

## 802.11AX40 Low Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

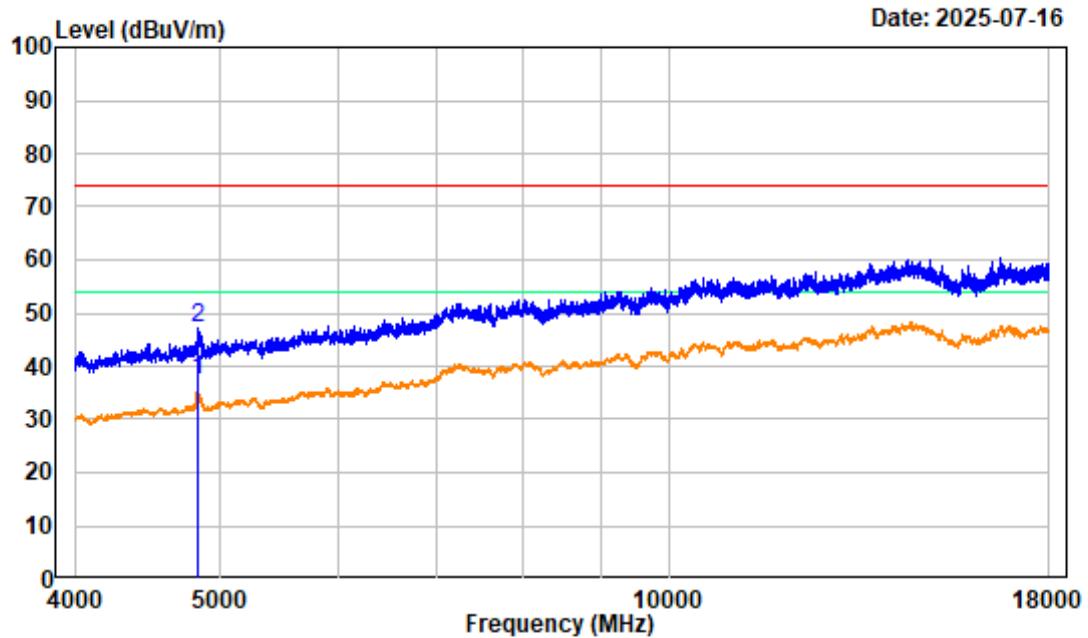
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB
1	2217.625	-10.12	43.98	33.86	54.00	-20.14	Average
2	2217.625	-10.12	61.92	51.80	74.00	-22.20	Peak
3	3875.875	-8.12	51.65	43.53	54.00	-10.47	Average
4	3875.875	-8.12	56.51	48.39	74.00	-25.61	Peak

## 802.11AX40 Low Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

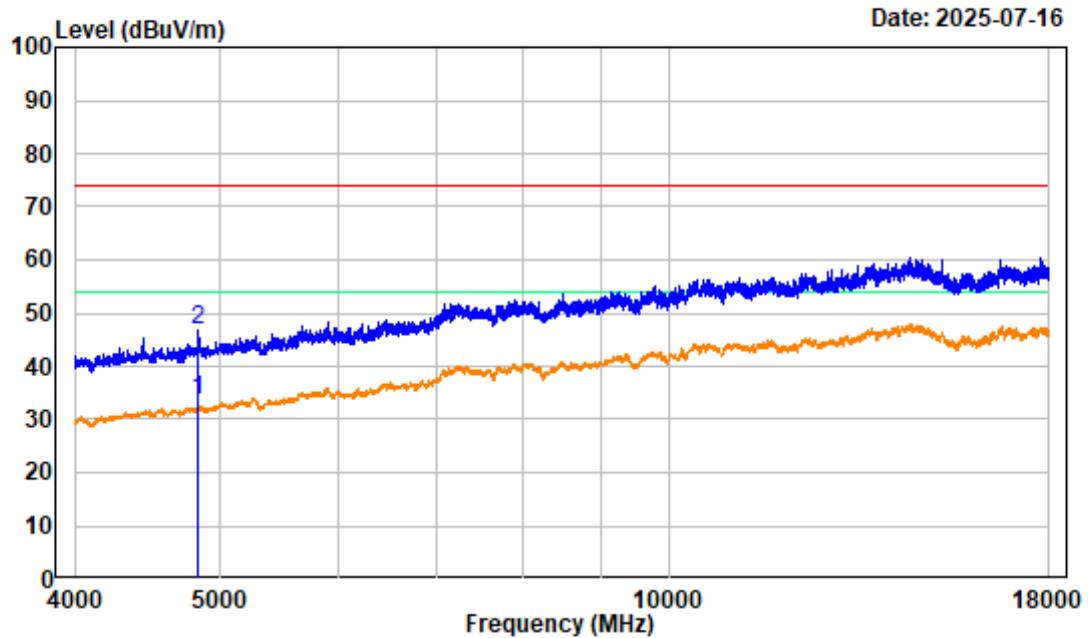
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4840.000	-6.62	43.99	37.37	54.00	-16.63	Average
2	4840.000	-6.62	53.92	47.30	74.00	-26.70	Peak

## 802.11AX40 Low Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

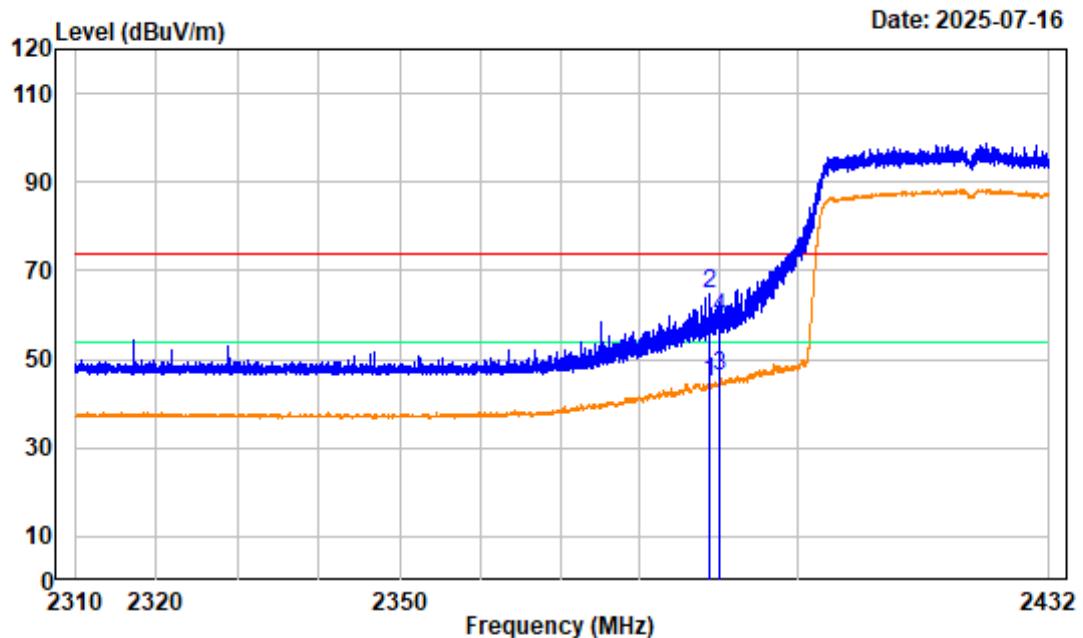
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4840.000	-6.62	40.30	33.68	54.00	-20.32	Average
2	4840.000	-6.62	53.23	46.61	74.00	-27.39	Peak

**802.11AX40 Low Channel Bandedge\_HORIZONTAL**

Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

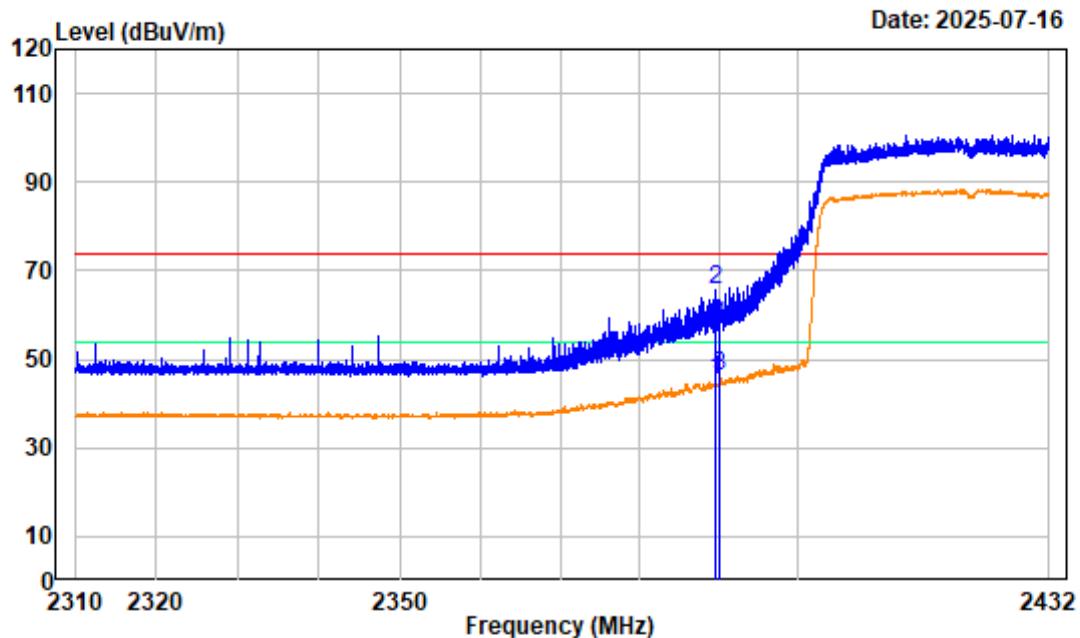
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Limit	Remark
		MHz	dB/m	dBuV	dBuV/m	dBuV/m	
1	2388.751	-10.24	54.98	44.74	54.00	-9.26	Average
2	2388.751	-10.24	74.97	64.73	74.00	-9.27	Peak
3	2390.001	-10.24	56.58	46.34	54.00	-7.66	Average
4	2390.001	-10.24	69.57	59.33	74.00	-14.67	Peak

## 802.11AX40 Low Channel Bandedge\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

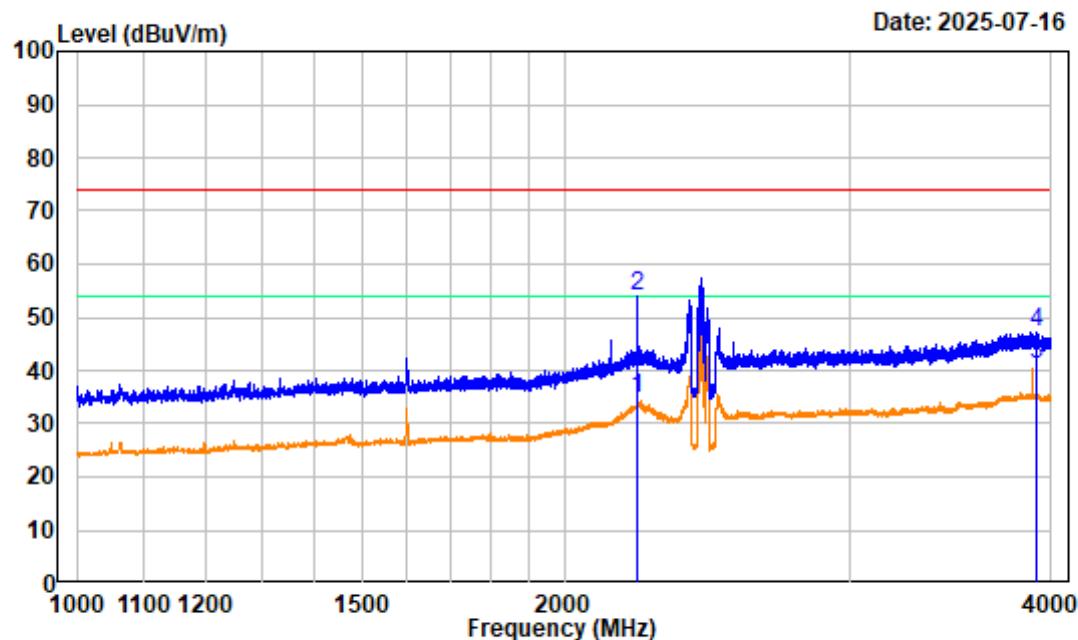
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Limit	Remark
		MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	2389.529	-10.24	55.71	45.47	54.00	-8.53	Average
2	2389.529	-10.24	75.68	65.44	74.00	-8.56	Peak
3	2390.001	-10.24	56.60	46.36	54.00	-7.64	Average
4	2390.001	-10.24	67.54	57.30	74.00	-16.70	Peak

**802.11AX40 Middle Channel 1GHz-4GHz\_HORIZONTAL**

Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

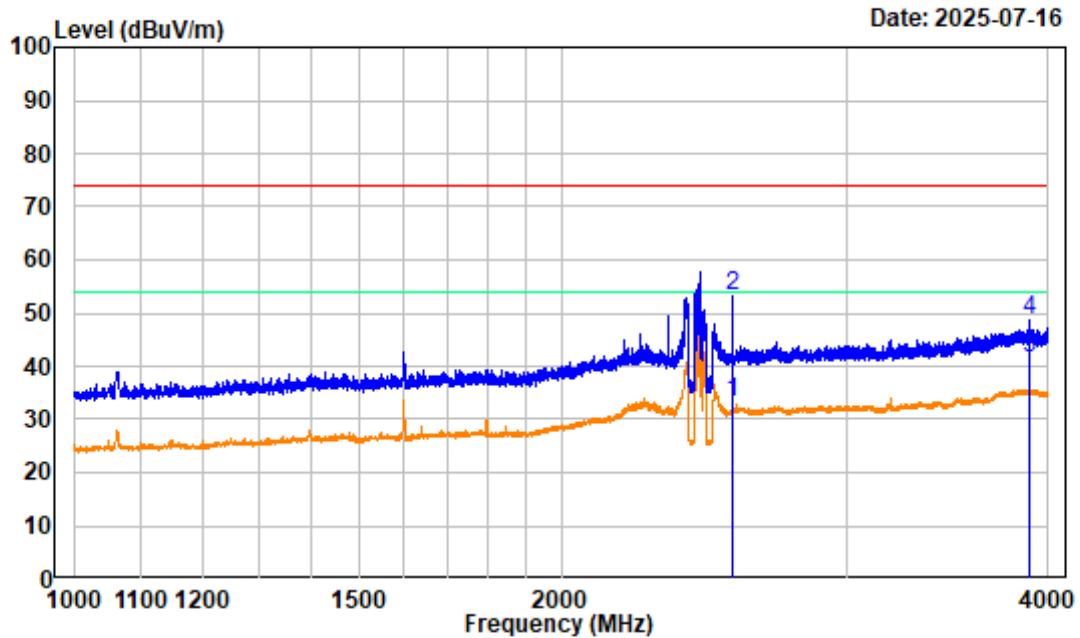
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read	Limit	Over	Remark
		Level	Level	Line	
1	2219.875	-10.10	44.97	34.87	54.00 -19.13 Average
2	2219.875	-10.10	63.90	53.80	74.00 -20.20 Peak
3	3914.875	-8.05	49.27	41.22	54.00 -12.78 Average
4	3914.875	-8.05	55.38	47.33	74.00 -26.67 Peak

## 802.11AX40 Middle Channel 1GHz-4GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

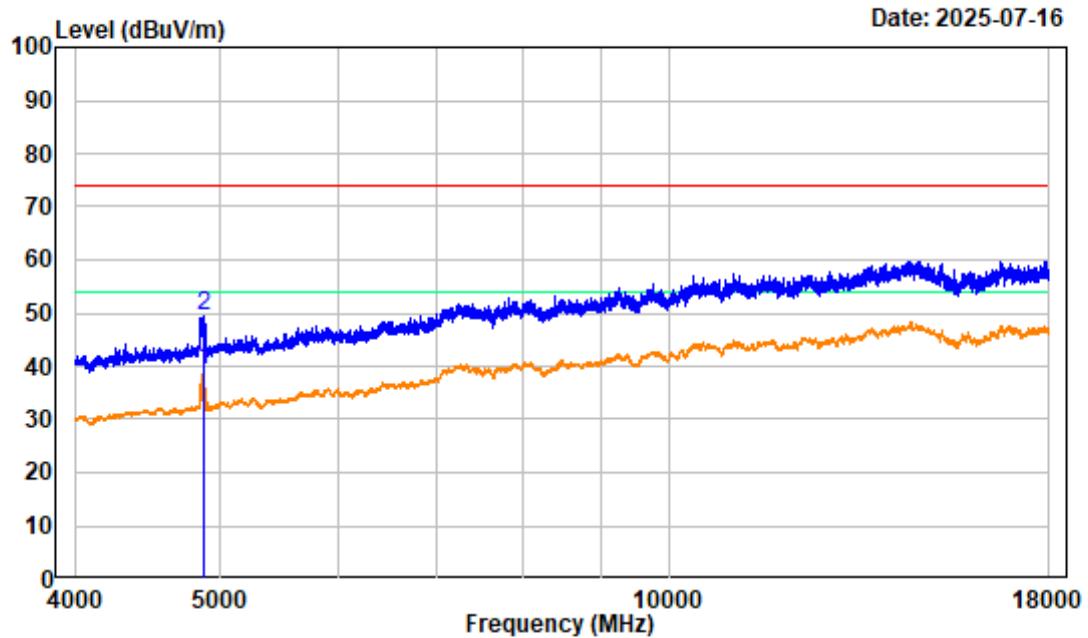
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Middle Channel 2437MHz 1GHz-4GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB
1	2549.875	-10.14	43.44	33.30	54.00	-20.70	Average
2	2549.875	-10.14	63.32	53.18	74.00	-20.82	Peak
3	3899.500	-7.91	49.55	41.64	54.00	-12.36	Average
4	3899.500	-7.91	56.54	48.63	74.00	-25.37	Peak

## 802.11N40 Middle Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

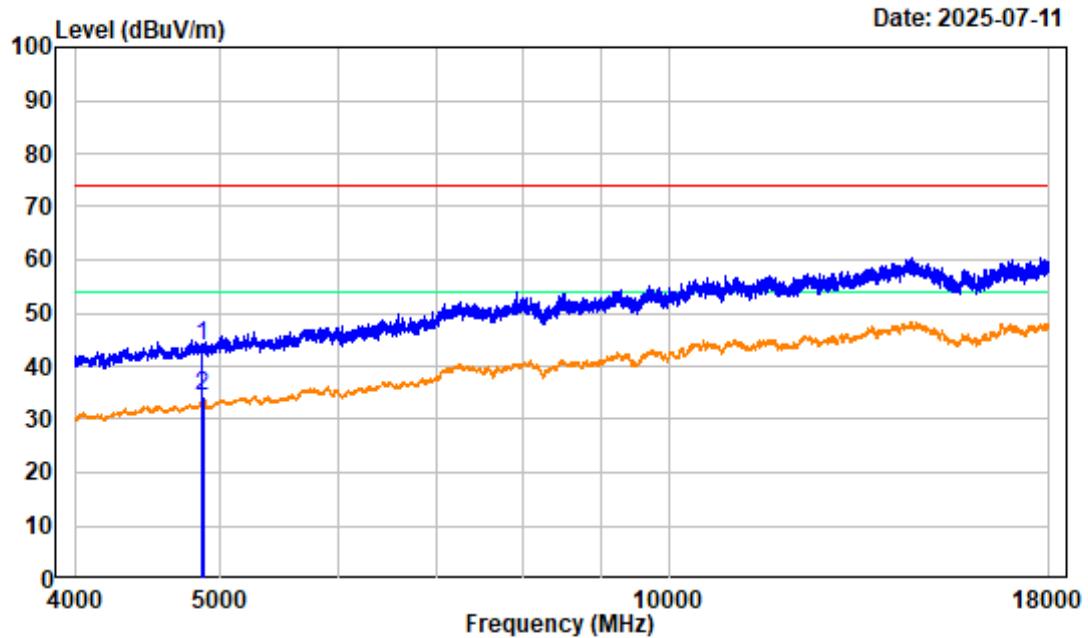
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4878.500	-6.63	45.99	39.36	54.00	-14.64	Average
2	4878.500	-6.63	56.22	49.59	74.00	-24.41	Peak

## 802.11N40 Middle Channel 4GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

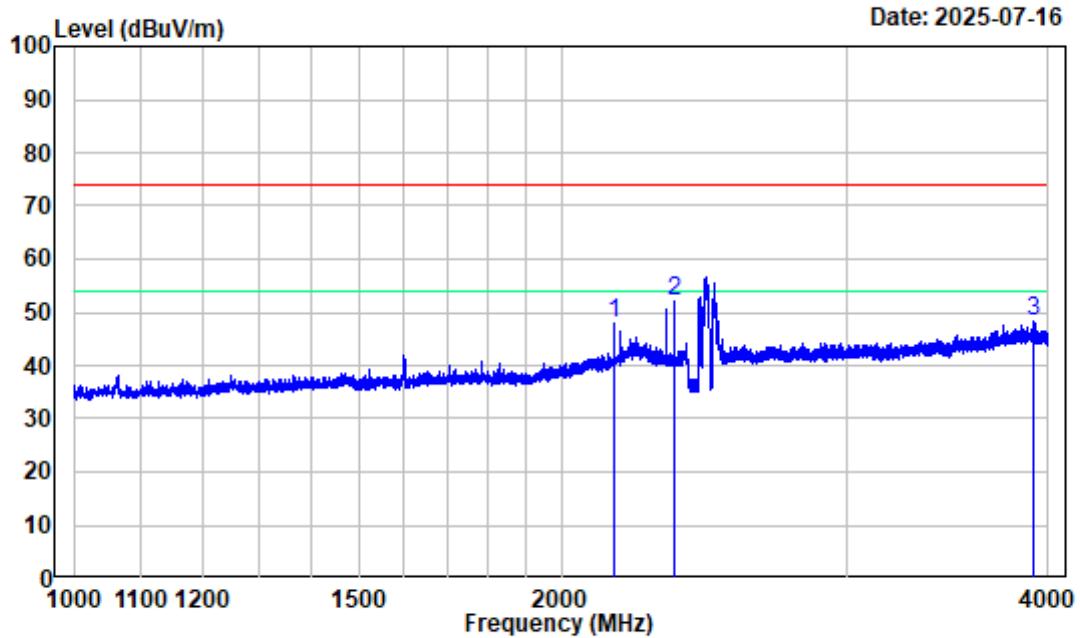
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11N40 Middle Channel 2437MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4873.250	-6.63	50.53	43.90	74.00	-30.10	Peak
2	4874.000	-6.63	40.96	34.33	54.00	-19.67	Average

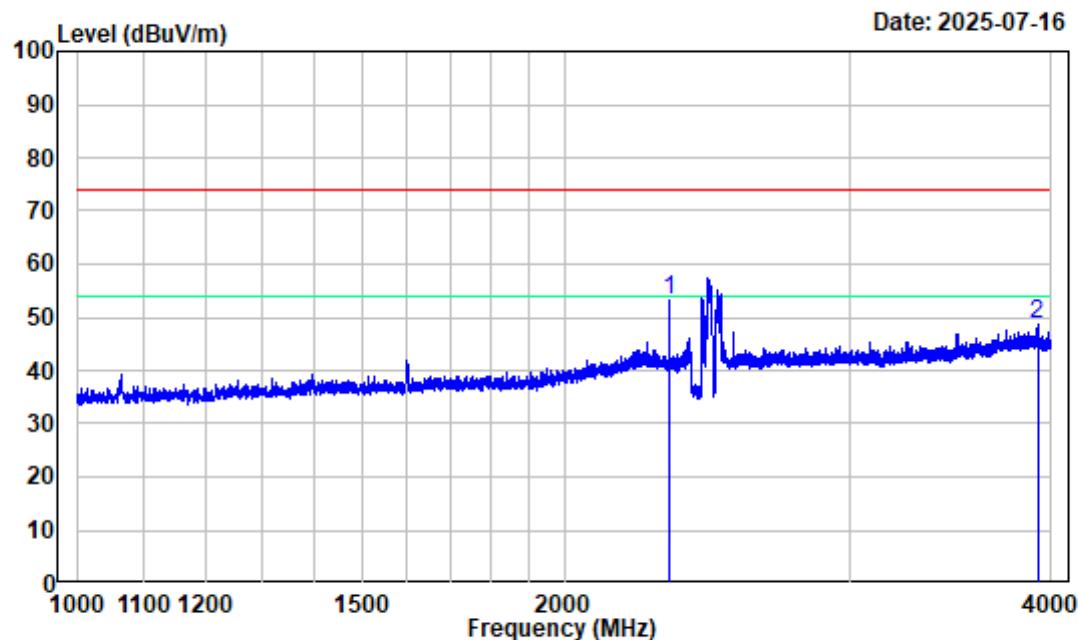
## 802.11AX40 High Channel 1GHz-4GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504V6524E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 802.11AX40 High Channel 2452MHz 1GHz-4GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read	Limit	Over	Remark	
		Level	Level	Line		
		MHz	dB/m	dB <sub>BuV</sub>	dB <sub>BuV/m</sub>	dB
1	2157.625	-10.57	58.43	47.86	74.00	-26.14 Peak
2	2347.750	-10.25	62.22	51.97	74.00	-22.03 Peak
3	3923.125	-8.12	56.58	48.46	74.00	-25.54 Peak

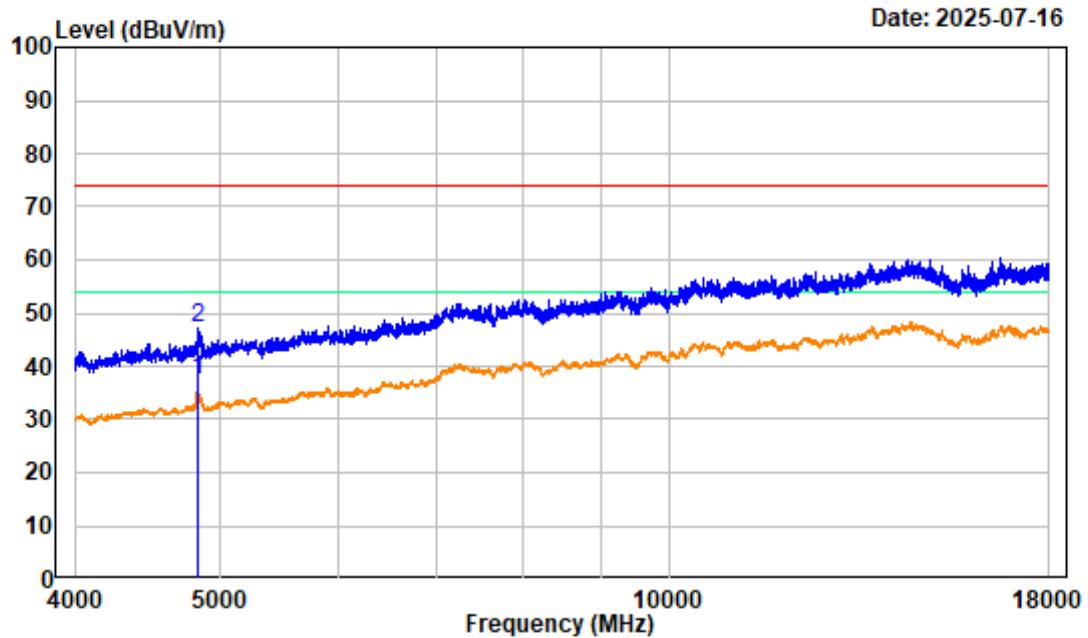
## 802.11AX40 High Channel 1GHz-4GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504V6524E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 802.11AX40 High Channel 2452MHz 1GHz-4GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit		Over	Remark
		Level	Level	Line	Line		
1	2322.625	-10.07	63.22	53.15	74.00	-20.85	Peak
2	3923.500	-8.14	56.80	48.66	74.00	-25.34	Peak

## 802.11AX40 Low Channel 4GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

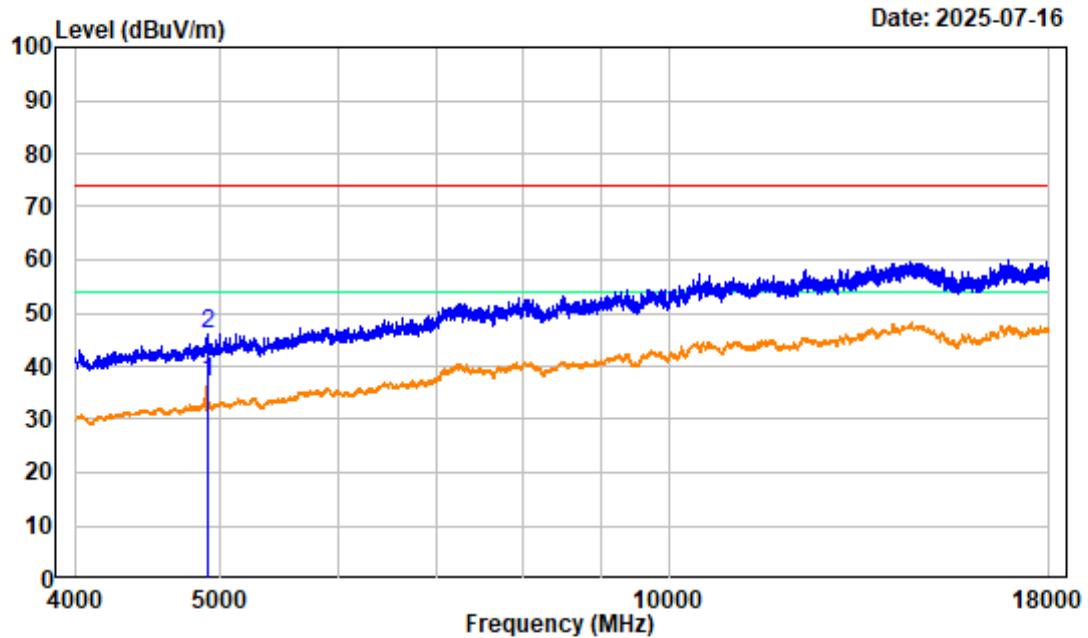
Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 Low Channel 2422MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit		Over	Remark
		MHz	dB/m	dBuV	dBuV/m		
1	4840.000	-6.62	43.99	37.37	54.00	-16.63	Average
2	4840.000	-6.62	53.92	47.30	74.00	-26.70	Peak

**802.11AX40 High Channel 4GHz-18GHz\_VERTICAL**

Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

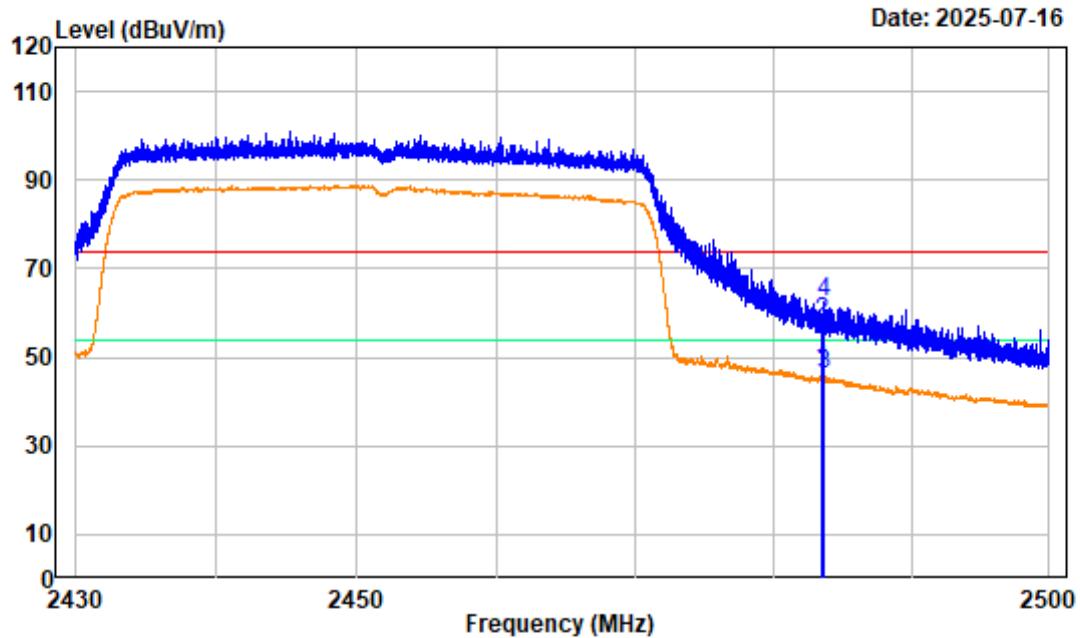
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 High Channel 2452MHz 4GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		MHz	dB/m	dBuV	dBuV/m	
1	4908.250	-6.62	43.57	36.95	54.00	-17.05 Average
2	4908.250	-6.62	52.55	45.93	74.00	-28.07 Peak

## 802.11AX40 High Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504V6524E-RF

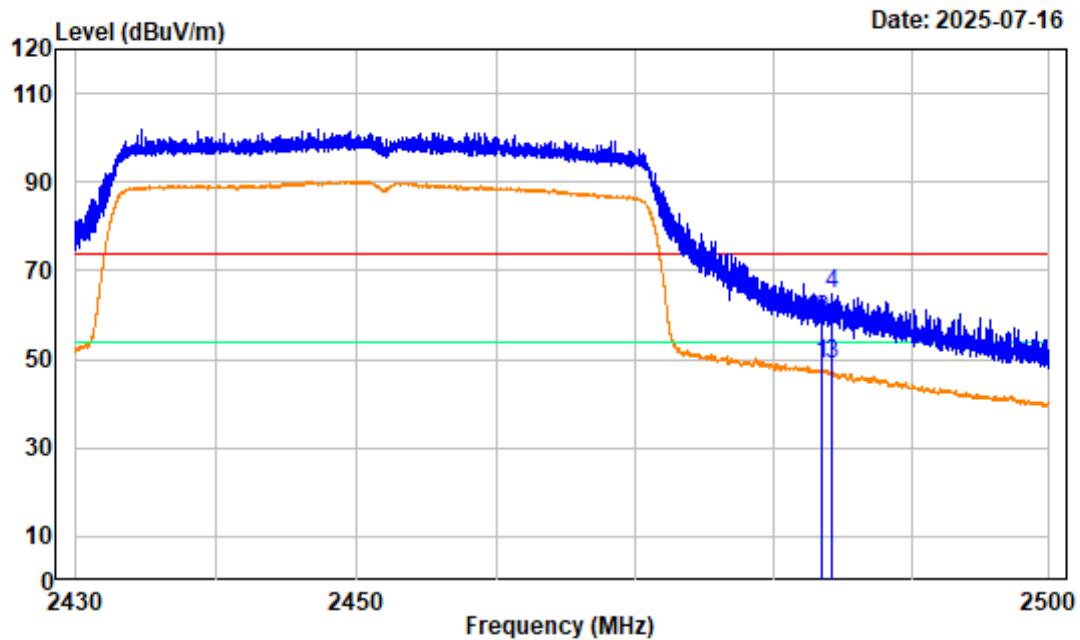
Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 High Channel 2452MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
		MHz	dB/m	dBuV	dBuV/m	dBuV/m
1	2483.498	-10.22	57.37	47.15	54.00	-6.85 Average
2	2483.498	-10.22	68.29	58.07	74.00	-15.93 Peak
3	2483.629	-10.22	56.59	46.37	54.00	-7.63 Average
4	2483.629	-10.22	72.57	62.35	74.00	-11.65 Peak

## 802.11AX40 High Channel Bandedge\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504V6524E-RF

Test Mode : Transmitting Tester:Kevin Lv

Note : 802.11AX40 High Channel 2452MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	2483.498	-10.22	59.20	48.98	54.00	-5.02 Average
2	2483.498	-10.22	69.07	58.85	74.00	-15.15 Peak
3	2484.171	-10.23	58.91	48.68	54.00	-5.32 Average
4	2484.171	-10.23	74.90	64.67	74.00	-9.33 Peak

## FCC §15.247(a) (2)-6 dB EMISSION BANDWIDTH & OCCUPIED BANDWIDTH

### Applicable Standard

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

### Test Procedure

According to ANSI C63.10-2020, section 11.8 and section 6.9

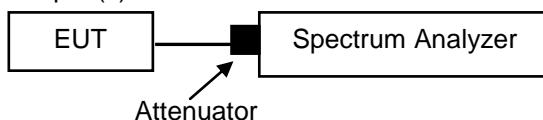
The steps for the first option are as follows:

- a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- b) Set the VBW  $\geq [3 \times \text{RBW}]$ .
- c) Detector = peak.
- d) Trace mode = max-hold.
- e) Sweep = No faster than coupled (auto) time.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

According to ANSI C63.10-2020, section 7.8.6 and section 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 at least 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  $[10 \log (\text{OBW}/\text{RBW})]$  below the reference level. Specific guidance is given in 4.1.6.2.
- 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 spectral 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

Please refer to the Appendix.

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

### Applicable Standard

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

### Test Procedure

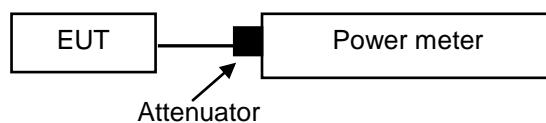
According to ANSI C63.10-2020, section 11.9.1.2

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

According to ANSI C63.10-2020, section 11.9.2.3

- Measurement using a power meter (PM)(Method AVGPM)

- As an alternative to spectrum analyzer or EMI receiver measurements, measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent, if all of the conditions listed below are satisfied:
  - 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
  - 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
  - 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal as described in 11.6.
- Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- Correct the measurement in dBm by adding  $[10 \log (1 / D)]$ , where D is the duty cycle.



### Test Data

Please refer to the Appendix.

## FCC §15.247(d)-100 kHz BANDWIDTH OF FREQUENCY BAND EDGE

### Applicable Standard

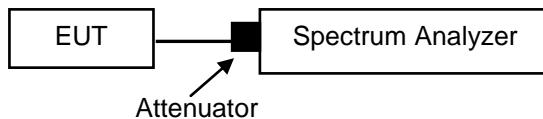
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the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

### Test Procedure

According to ANSI C63.10-2020, section 11.11

- a) Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.  
NOTE—the number of points can also be increased for large spans to retain frequency resolution
- b) Set the RBW = 100 kHz.
- c) Set the VBW  $\geq [3 \times \text{RBW}]$ .
- d) Detector = peak.
- e) Sweep time = No faster than coupled (auto) time.
- f) Trace mode = max-hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

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



### Test Data

Please refer to the Appendix.

## FCC §15.247(e)-POWER SPECTRAL DENSITY

### Applicable Standard

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

### Test Procedure

According to ANSI C63.10-2020, section 11.10.2

- Method PKPSD (peak PSD)

The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

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

According to ANSI C63.10-2020, section 11.10.3

- Method AVGPSD-1: (for duty cycle  $\geq 98\%$ )

The following procedure may be used when the maximum (average) conducted output power was used to determine compliance to the fundamental output power limit. This is the baseline method for determining the maximum (average) conducted PSD level. If the instrument has a power averaging (rms) detector, then it must be used; otherwise, use the sample detector. The EUT must be configured to transmit continuously ( $D \geq 98\%$ ), or else sweep triggering/signal gating must be implemented to help ensure that measurements are made only when the EUT is transmitting at its maximum power control level (no transmitter OFF time to be considered):

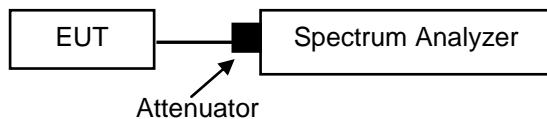
- Set instrument center frequency to DTS channel center frequency.
- Set span to  $> 1.5$  times the OBW.
- Set RBW to:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- Set VBW  $\geq [3 \times \text{RBW}]$ .
- Detector = power averaging (rms) or sample detector (when rms not available).
- Ensure that the number of measurement points in the sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
- Sweep time = auto couple.
- Employ trace averaging (rms) mode over a minimum of 100 traces.
- Use the peak marker function to determine the maximum amplitude level.
- If the measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat (note that this might require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

According to ANSI C63.10-2020, section 11.10.5

- Method AVGPSD-2: (for duty cycle < 98% and constant duty cycle)

The following procedure is applicable when the EUT cannot be configured to transmit continuously (i.e., D < 98%), when sweep triggering/signal gating cannot be used to measure only when the EUT is transmitting at its maximum power control level, and when the transmission duty cycle is constant (i.e., duty cycle variations are less than  $\pm 2\%$ ):

- Measure the duty cycle (D) of the transmitter output signal as described in 11.6.
- Set instrument center frequency to DTS channel center frequency.
- Set span to > 1.5 times the OBW.
- Set RBW to:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- Set VBW  $\geq [3 \times \text{RBW}]$ .
- Detector = power averaging (rms) or sample detector (when rms not available).
- Ensure that the number of measurement points in the sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
- Sweep time = auto couple.
- Do not use sweep triggering; allow sweep to “free run.”
- Employ trace averaging (rms) mode over a minimum of 100 traces.
- Use the peak marker function to determine the maximum amplitude level.
- Add  $[10 \log (1 / D)]$ , where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
- If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this might require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).



## Test Data

Please refer to the Appendix.

## APPENDIX (RF TEST RESULTS)

### 6dB Emission Bandwidth

#### Test Information:

<b>Sample No.:</b>	35TN-3	<b>Test Date:</b>	2025/07/15~2025/07/17
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Cayde Hou	<b>Test Result:</b>	Pass

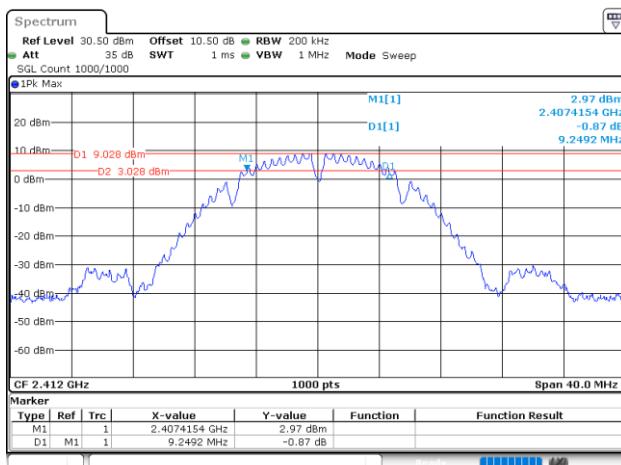
#### Environmental Conditions:

<b>Temperature:</b> (°C)	25.6~26.3	<b>Relative Humidity:</b> (%)	44~47	<b>ATM Pressure:</b> (kPa)	100.1
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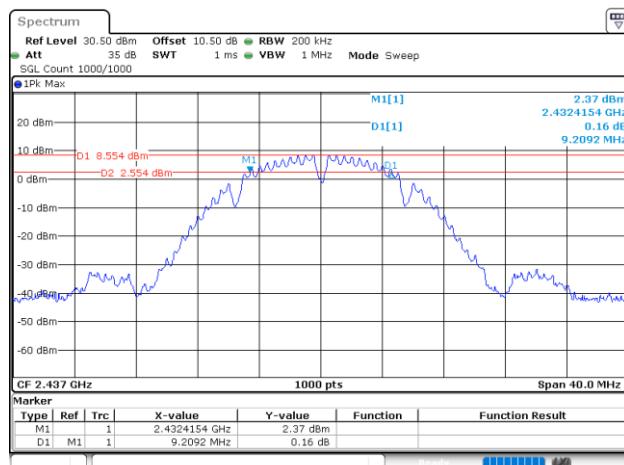
**Test Data:**

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	2412	9.249	≥0.5	Pass
	2437	9.209	≥0.5	Pass
	2462	9.209	≥0.5	Pass
802.11g	2412	16.336	≥0.5	Pass
	2437	16.296	≥0.5	Pass
	2462	16.216	≥0.5	Pass
802.11n20	2412	17.578	≥0.5	Pass
	2437	17.538	≥0.5	Pass
	2462	17.658	≥0.5	Pass
802.11n40	2422	36.517	≥0.5	Pass
	2437	36.436	≥0.5	Pass
	2452	36.436	≥0.5	Pass
802.11ax20_RU_Full	2412	18.979	≥0.5	Pass
	2437	19.019	≥0.5	Pass
	2462	19.099	≥0.5	Pass
802.11ax40_RU_Full	2422	37.878	≥0.5	Pass
	2437	37.878	≥0.5	Pass
	2452	37.478	≥0.5	Pass

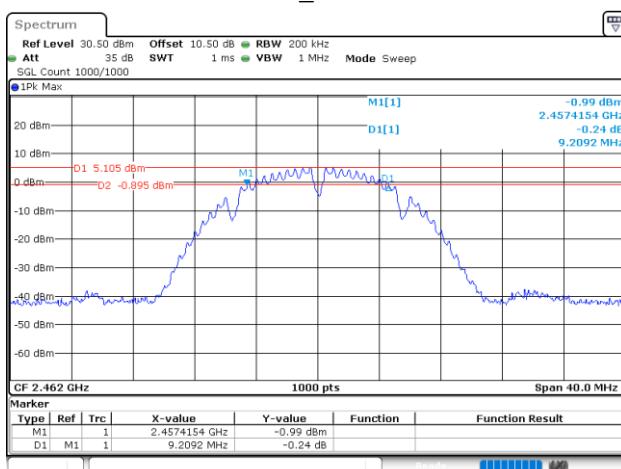
## 802.11b\_2412MHz



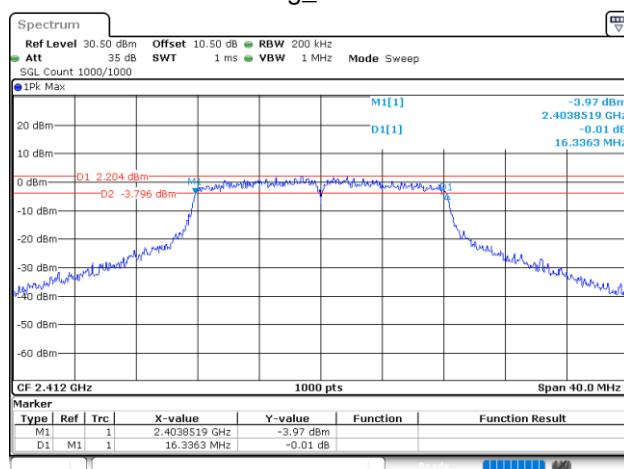
## 802.11b\_2437MHz



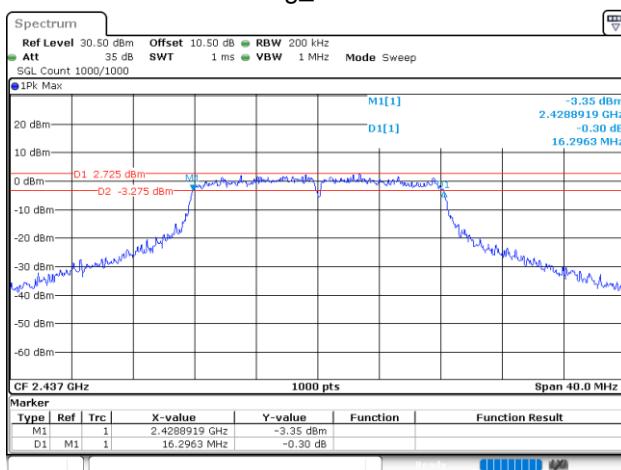
## 802.11b\_2462MHz



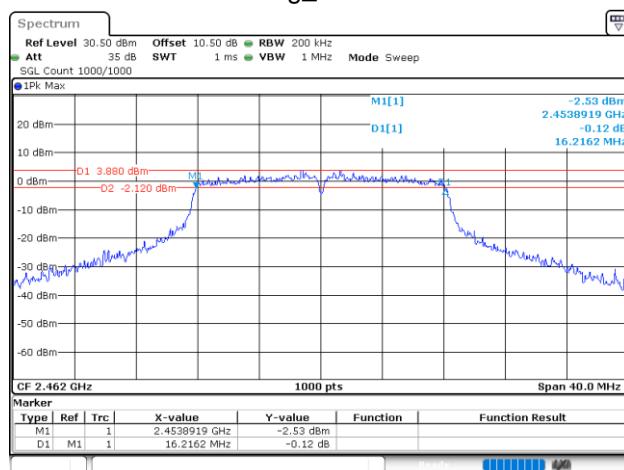
## 802.11g\_2412MHz



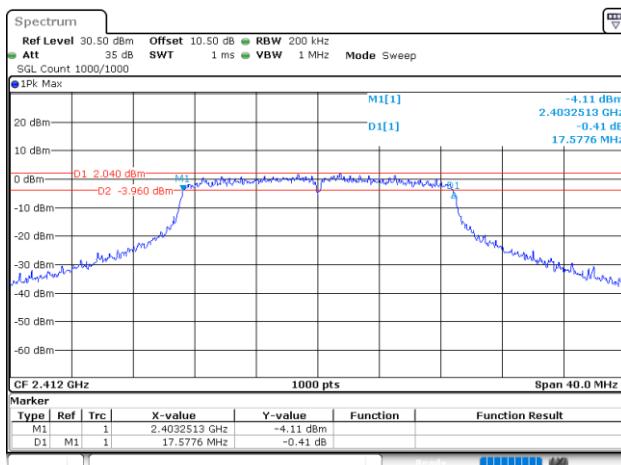
## 802.11g\_2437MHz



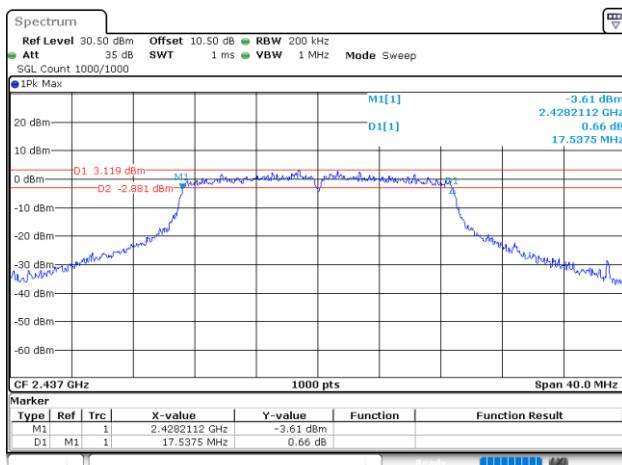
## 802.11g\_2462MHz



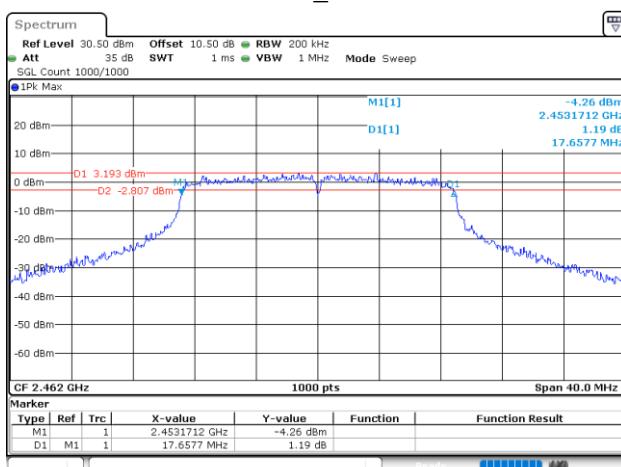
## 802.11n20\_2412MHz



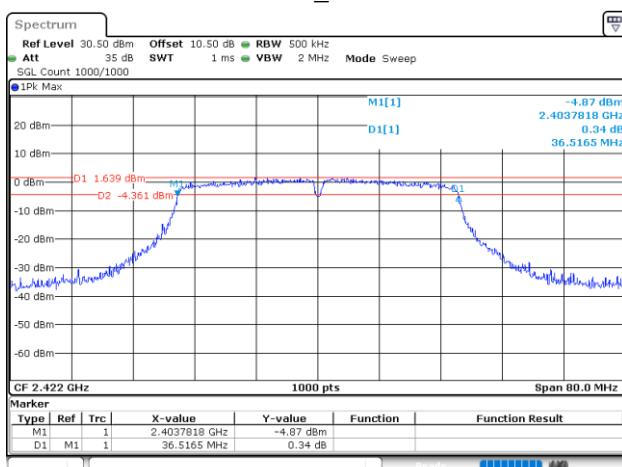
## 802.11n20\_2437MHz



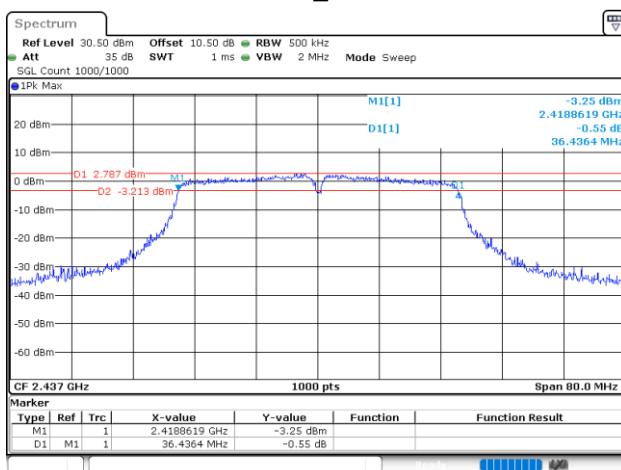
## 802.11n20\_2462MHz



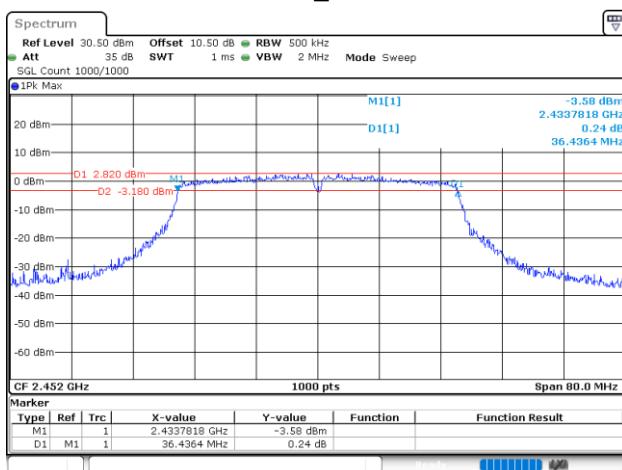
## 802.11n40\_2422MHz



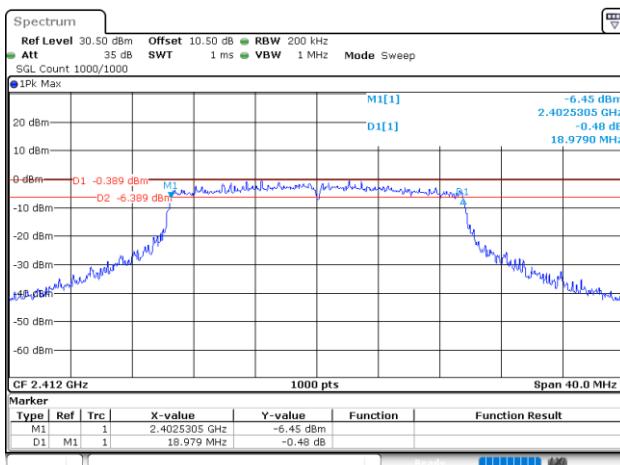
## 802.11n40\_2437MHz



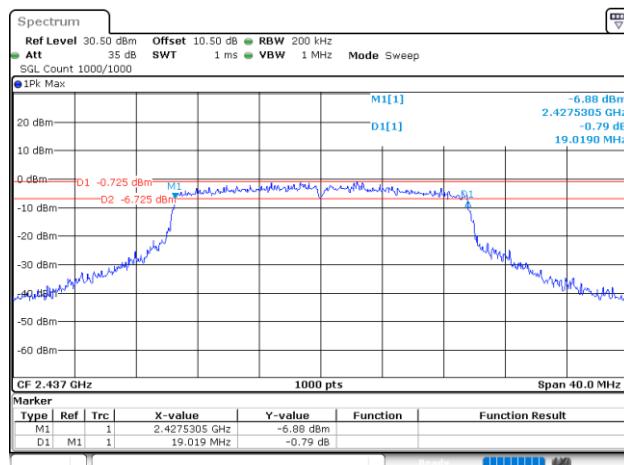
## 802.11n40\_2452MHz



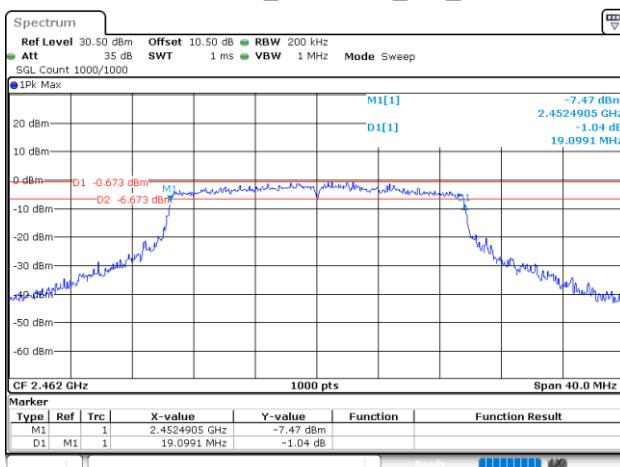
## 802.11ax20\_2412MHz\_RU\_Full



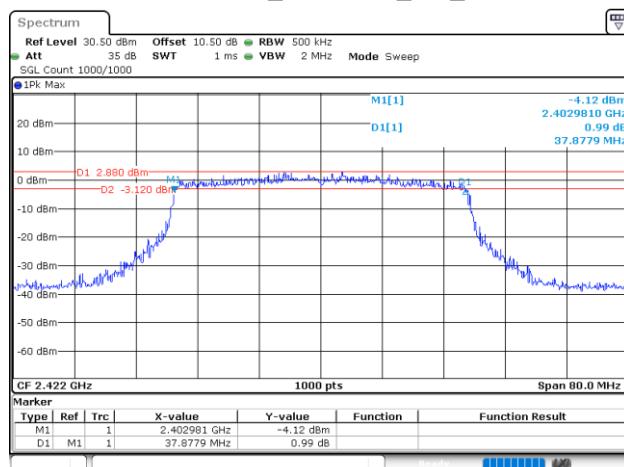
## 802.11ax20\_2437MHz\_RU\_Full



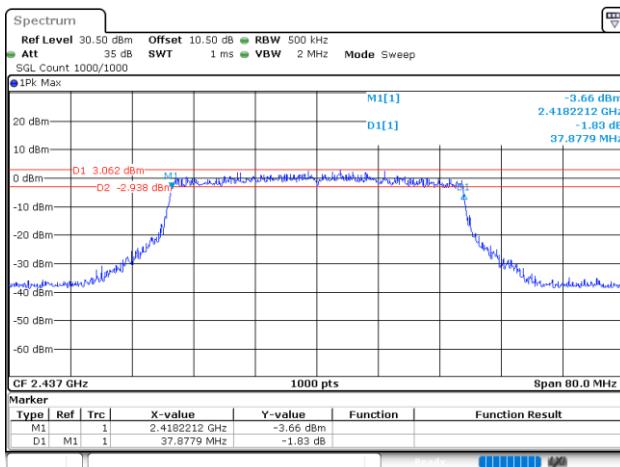
## 802.11ax20\_2462MHz\_RU\_Full



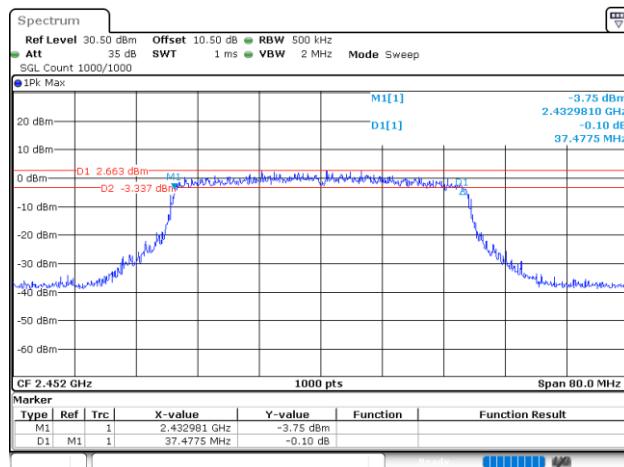
## 802.11ax40\_2422MHz\_RU\_Full



## 802.11ax40\_2437MHz\_RU\_Full



## 802.11ax40\_2452MHz\_RU\_Full



ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 09:22:13

ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 09:25:18

**99% Occupied Bandwidth****Test Information:**

<b>Sample No.:</b>	35TN-3	<b>Test Date:</b>	2025/07/15~2025/07/17
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Cayde Hou	<b>Test Result:</b>	/

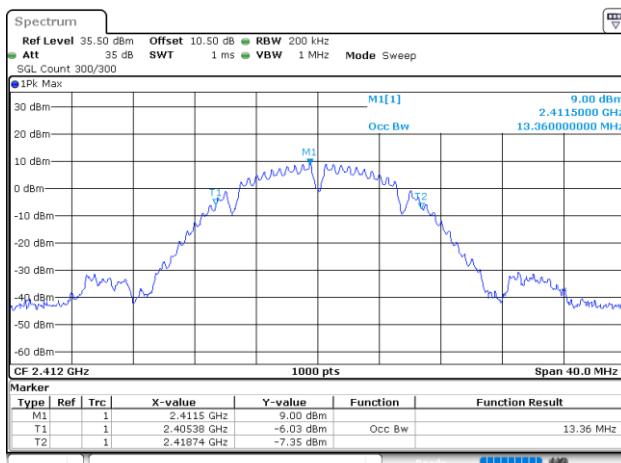
**Environmental Conditions:**

<b>Temperature:</b> (°C)	25.6~26.3	<b>Relative Humidity:</b> (%)	44~47	<b>ATM Pressure:</b> (kPa)	100.1
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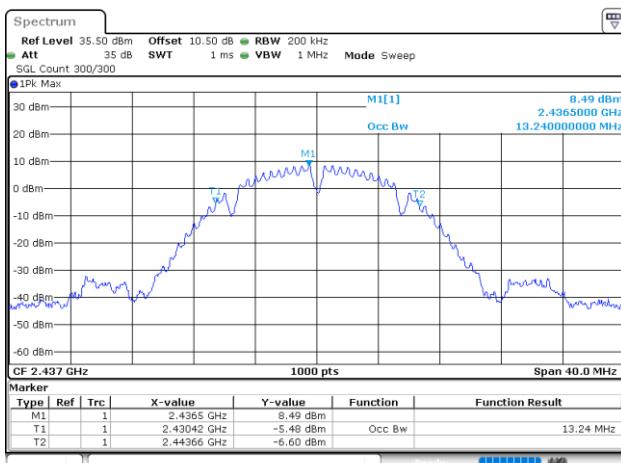
**Test Data:**

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11b	2412	13.360
	2437	13.240
	2462	13.080
802.11g	2412	16.560
	2437	16.600
	2462	16.560
802.11n20	2412	17.800
	2437	17.800
	2462	17.880
802.11n40	2422	36.560
	2437	36.480
	2452	36.560
802.11ax20_RU_Full	2412	19
	2437	18.960
	2462	19
802.11ax40_RU_Full	2422	37.760
	2437	37.840
	2452	37.840

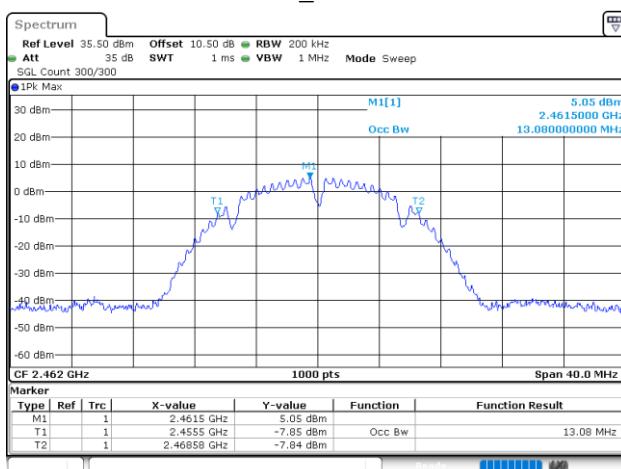
## 802.11b\_2412MHz



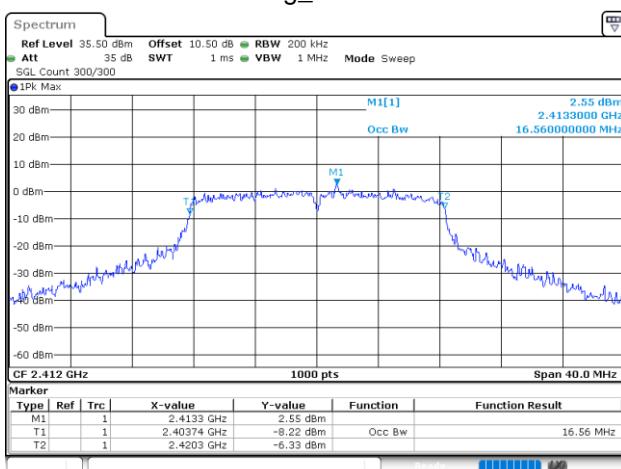
## 802.11b\_2437MHz



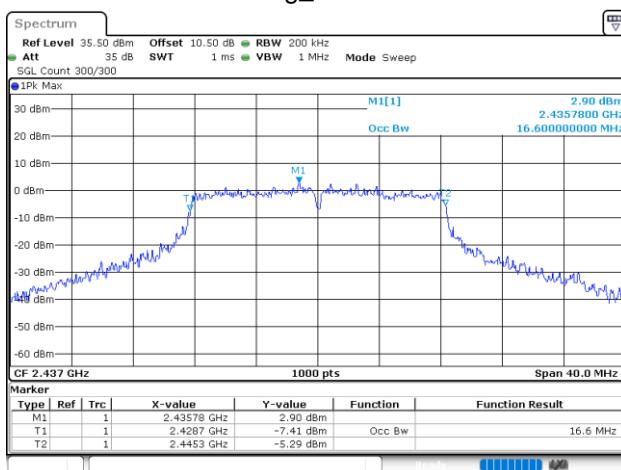
## 802.11b\_2462MHz



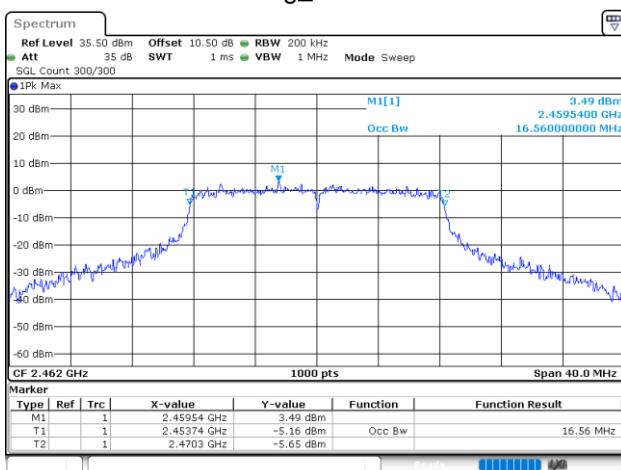
## 802.11g\_2412MHz



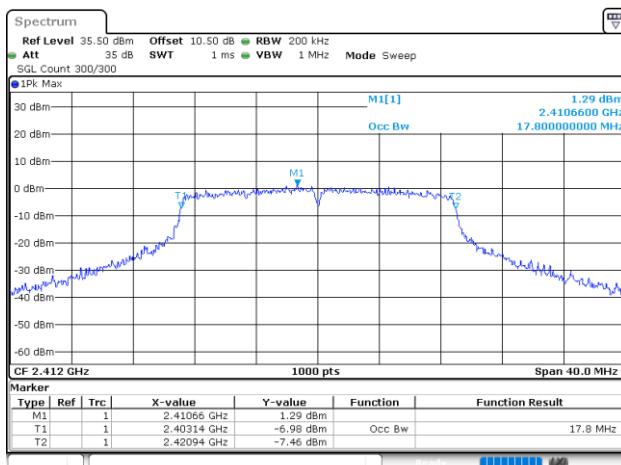
## 802.11g\_2437MHz



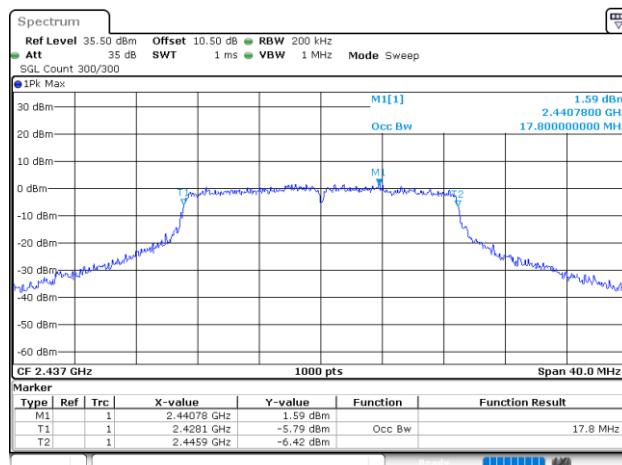
## 802.11g\_2462MHz



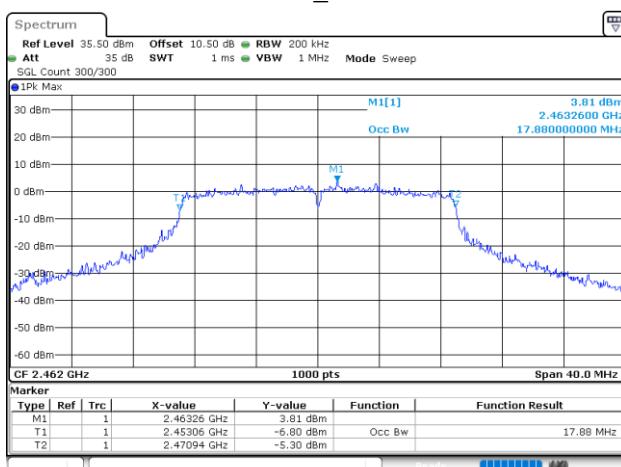
## 802.11n20\_2412MHz



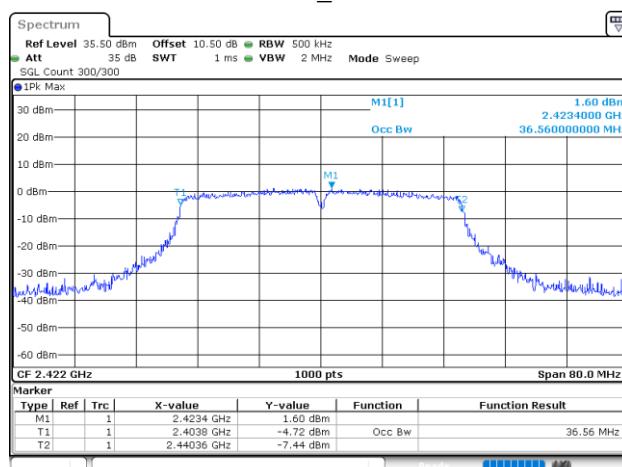
## 802.11n20\_2437MHz



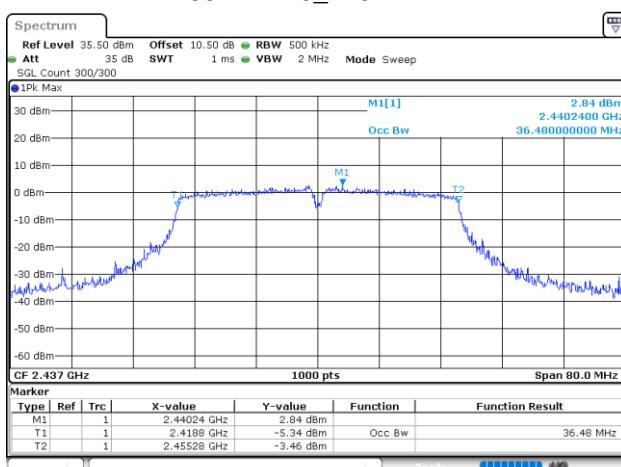
## 802.11n20\_2462MHz



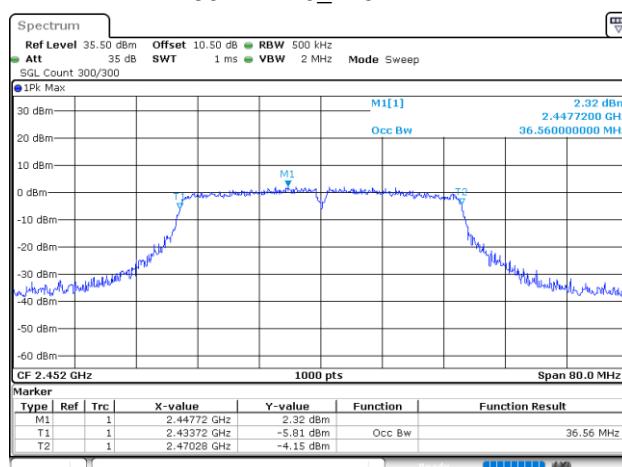
## 802.11n40\_2422MHz



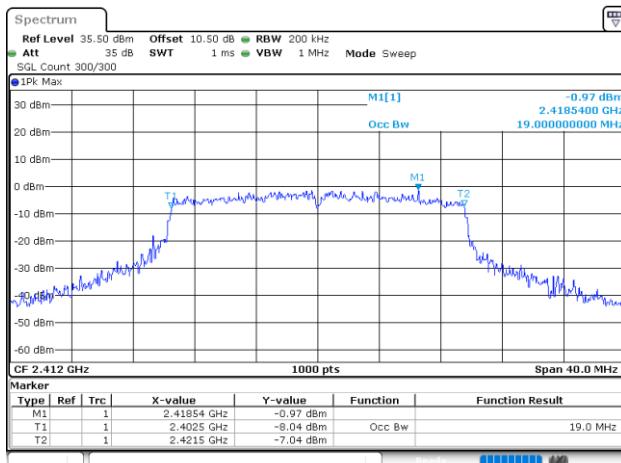
## 802.11n40\_2437MHz



## 802.11n40\_2452MHz

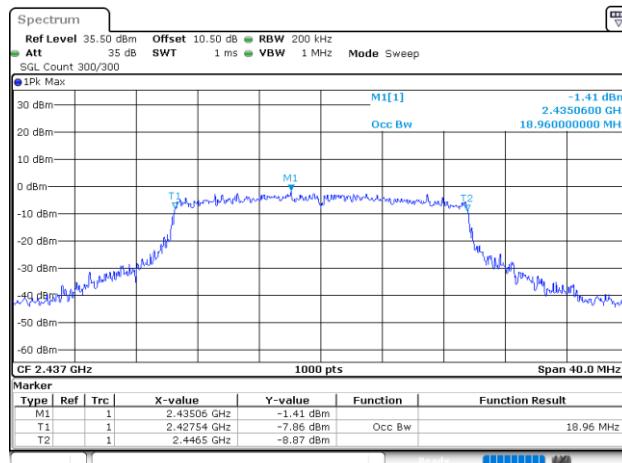


## 802.11ax20\_2412MHz\_RU\_Full



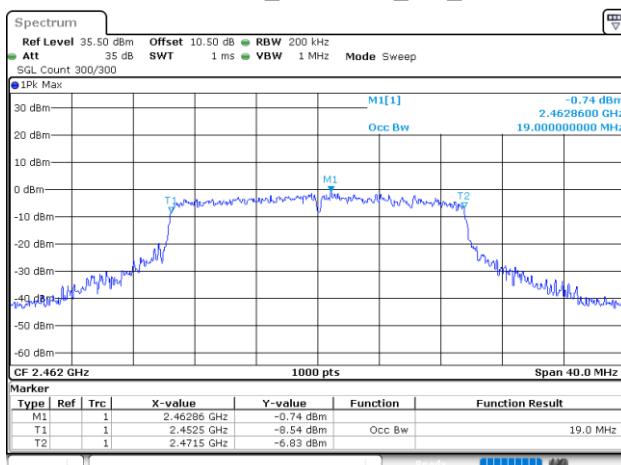
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 09:21:47

## 802.11ax20\_2437MHz\_RU\_Full



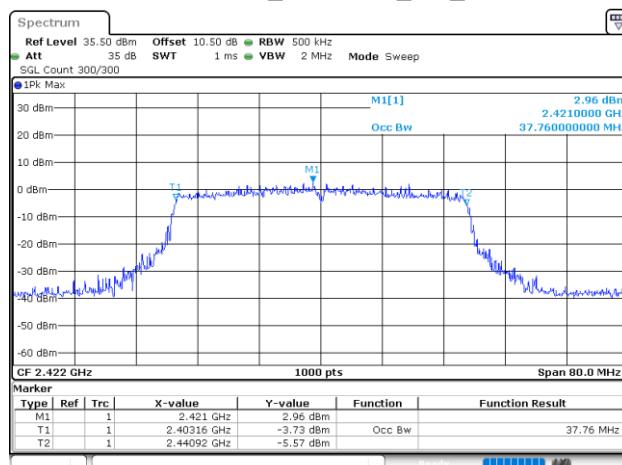
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Date: 17.JUL.2025 09:24:59

## 802.11ax20\_2462MHz\_RU\_Full



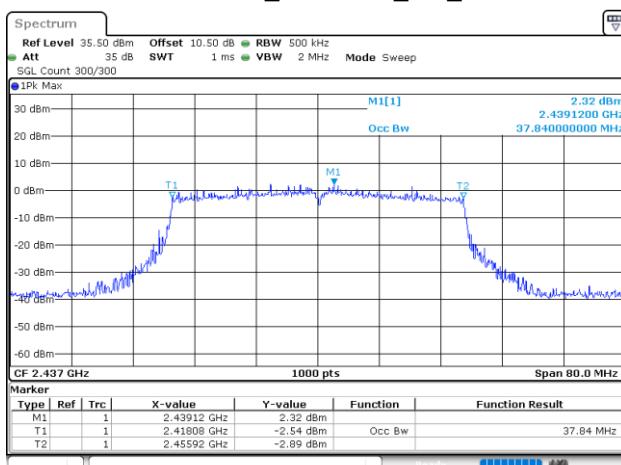
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 09:27:07

## 802.11ax40\_2422MHz\_RU\_Full



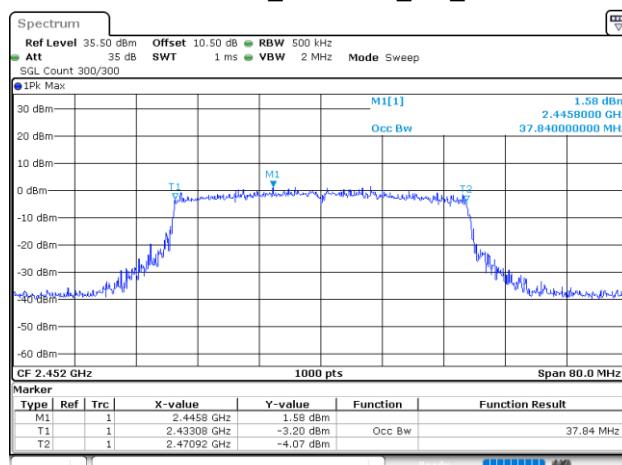
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 09:58:22

## 802.11ax40\_2437MHz\_RU\_Full



ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 10:03:04

## 802.11ax40\_2452MHz\_RU\_Full



ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 10:06:00

**Maximum Conducted Output Power****Test Information:**

<b>Sample No.:</b>	35TN-3	<b>Test Date:</b>	2025/07/15~2025/07/17
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Cayde Hou	<b>Test Result:</b>	Pass

**Environmental Conditions:**

<b>Temperature:</b> (°C)	25.6~26.3	<b>Relative Humidity:</b> (%)	44~47	<b>ATM Pressure:</b> (kPa)	100.1
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**Test Data:**

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	2412	19.97	17.56	30	Pass
	2437	19.45	17.05	30	Pass
	2462	17.16	14.59	30	Pass
802.11g	2412	22.36	6.96	30	Pass
	2437	22.53	7.68	30	Pass
	2462	22.88	8.29	30	Pass
802.11n20	2412	21.92	12.66	30	Pass
	2437	22.49	13.38	30	Pass
	2462	23.16	13.96	30	Pass
802.11n40	2422	21.67	11.59	30	Pass
	2437	22.10	12.35	30	Pass
	2452	21.96	12.07	30	Pass
802.11ax20_RU_Full	2412	20.29	9.41	30	Pass
	2437	20.25	9.01	30	Pass
	2462	20.43	9.73	30	Pass
802.11ax40_RU_Full	2422	21.47	10.46	30	Pass
	2437	21.36	10.08	30	Pass
	2452	20.78	9.93	30	Pass

## Power Spectral Density

### Test Information:

Sample No.:	35TN-3	Test Date:	2025/07/15~2025/07/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

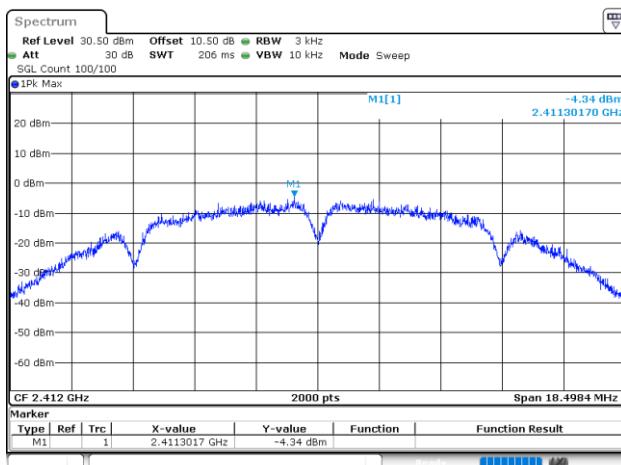
### Environmental Conditions:

Temperature: (°C)	25.6~26.3	Relative Humidity: (%)	44~47	ATM Pressure: (kPa)	100.1
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**Test Data:**

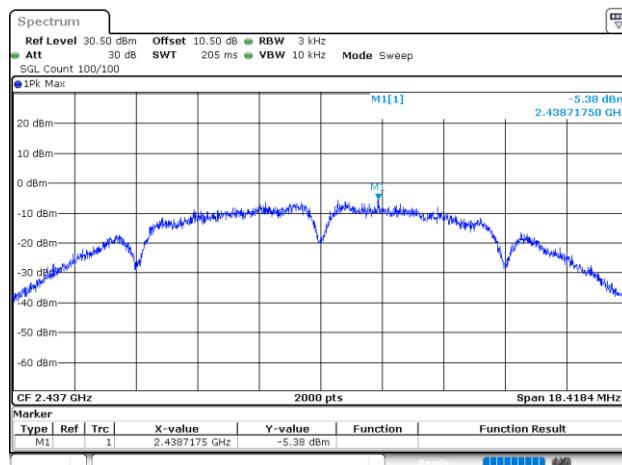
Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-4.34	8	Pass
	2437	-5.38	8	Pass
	2462	-9.82	8	Pass
802.11g	2412	-13.24	8	Pass
	2437	-12.57	8	Pass
	2462	-11.85	8	Pass
802.11n20	2412	-12.29	8	Pass
	2437	-11.23	8	Pass
	2462	-10.52	8	Pass
802.11n40	2422	-15.74	8	Pass
	2437	-15.33	8	Pass
	2452	-15.14	8	Pass
802.11ax20_RU_Full	2412	-16.46	8	Pass
	2437	-17.47	8	Pass
	2462	-16.58	8	Pass
802.11ax40_RU_Full	2422	-18.45	8	Pass
	2437	-19.14	8	Pass
	2452	-19.05	8	Pass

## 802.11b\_2412MHz



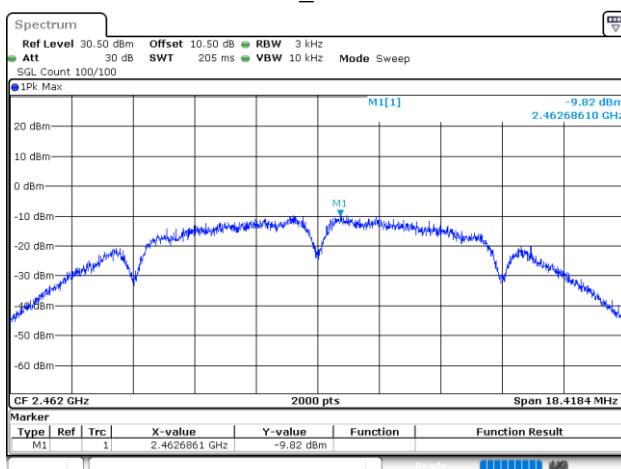
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 19:37:11

## 802.11b\_2437MHz



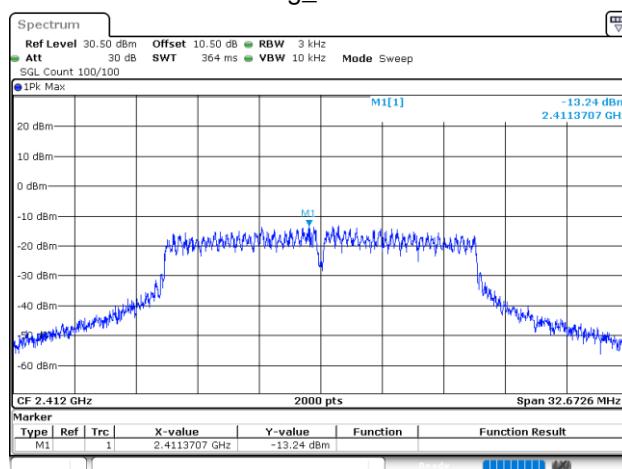
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 17.JUL.2025 19:39:03

## 802.11b\_2462MHz



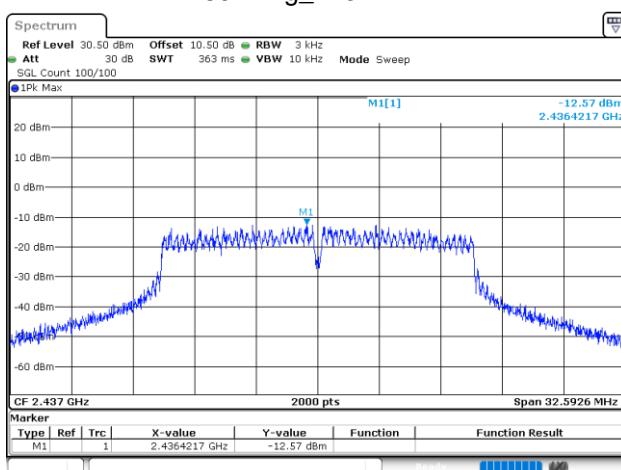
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 15.JUL.2025 16:28:15

## 802.11g\_2412MHz



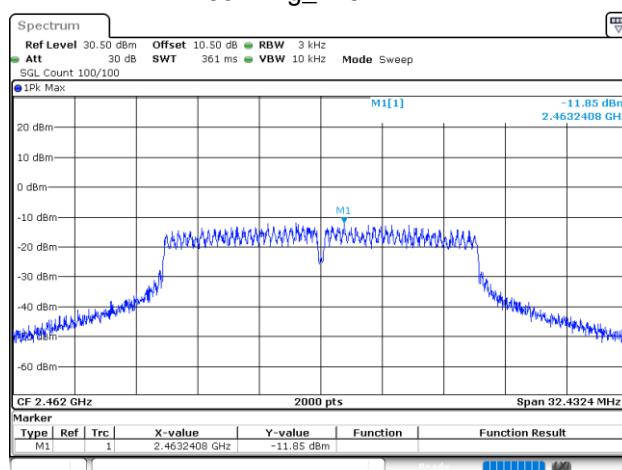
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Date: 15.JUL.2025 16:31:27

## 802.11g\_2437MHz



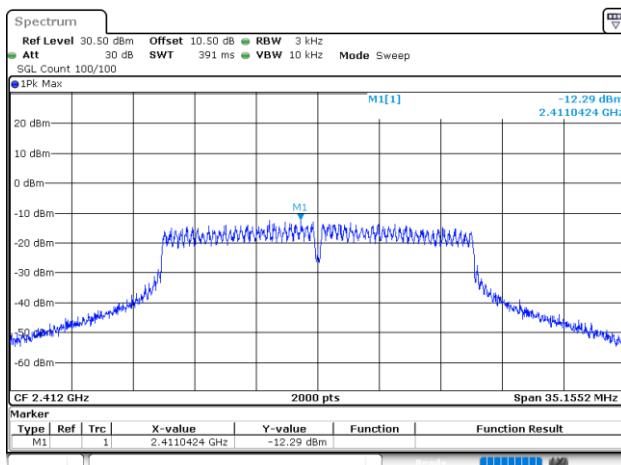
ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 15.JUL.2025 16:33:27

## 802.11g\_2462MHz

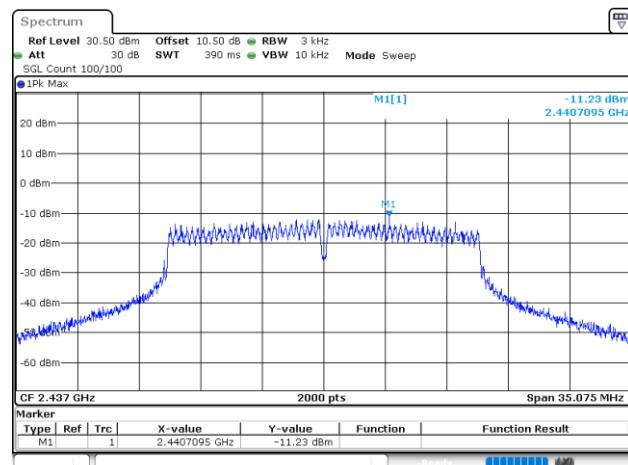


ProjectNo.:2504V06524E-RF Tester:Cayde Hou  
Date: 15.JUL.2025 16:35:57

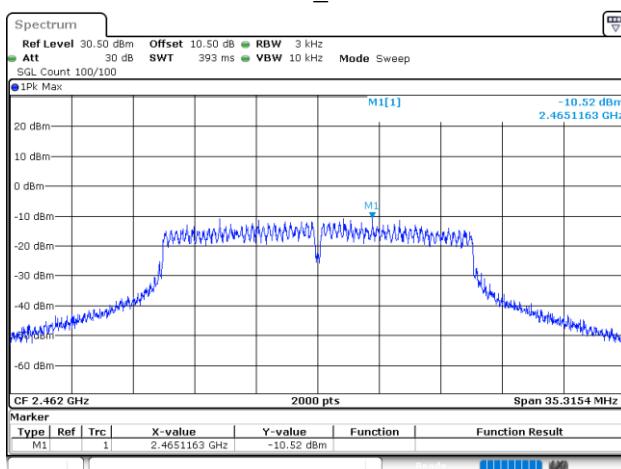
## 802.11n20\_2412MHz



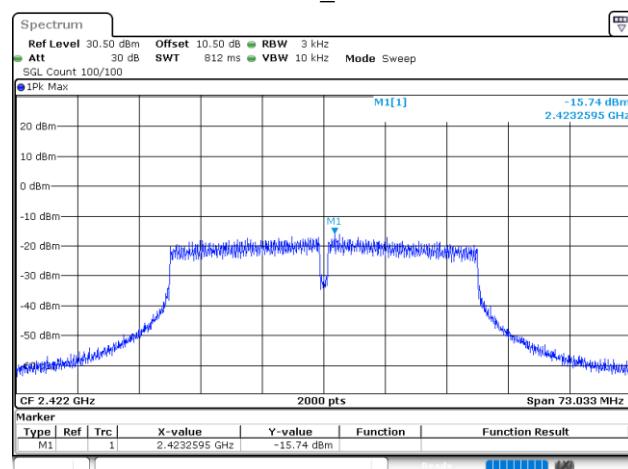
## 802.11n20\_2437MHz



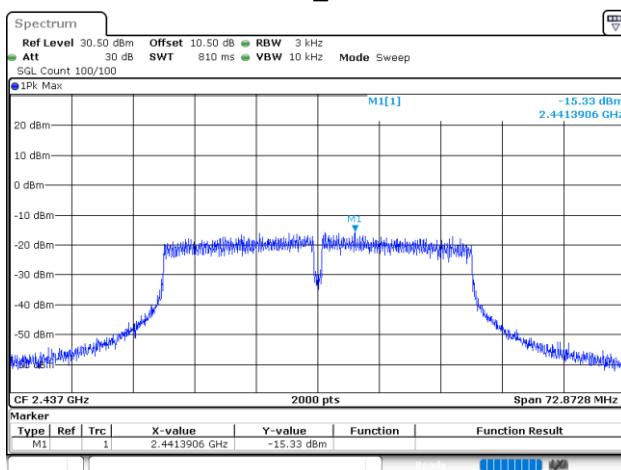
## 802.11n20\_2462MHz



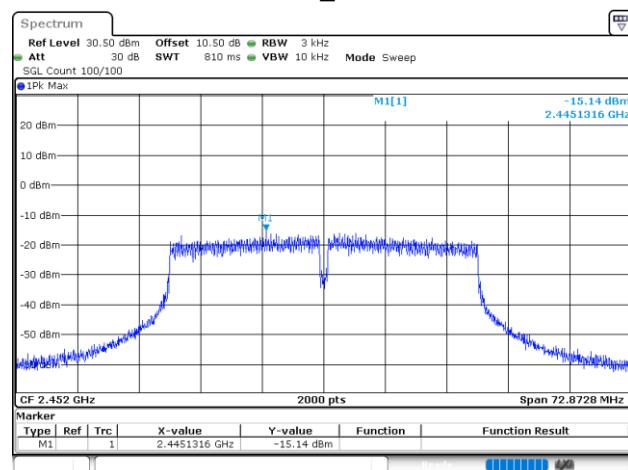
## 802.11n40\_2422MHz



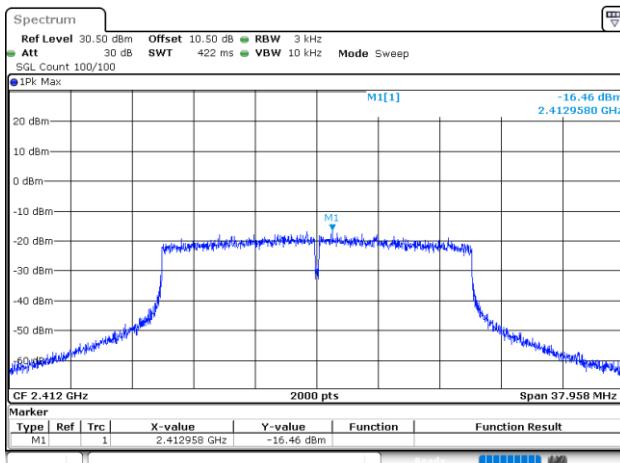
## 802.11n40\_2437MHz



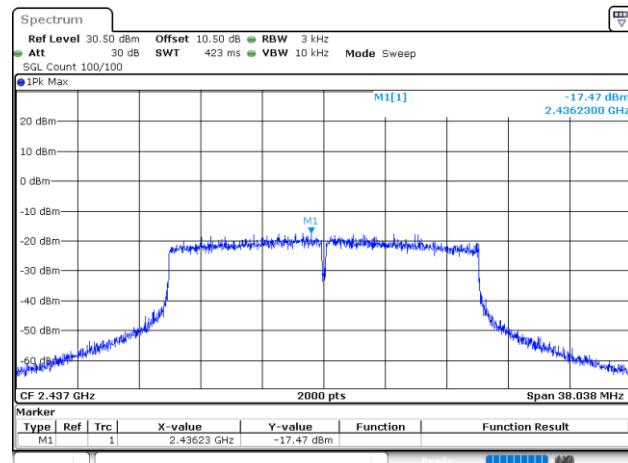
## 802.11n40\_2452MHz



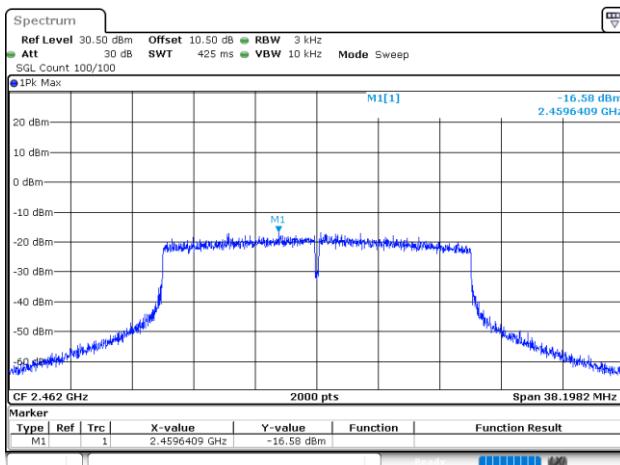
## 802.11ax20\_2412MHz\_RU\_Full



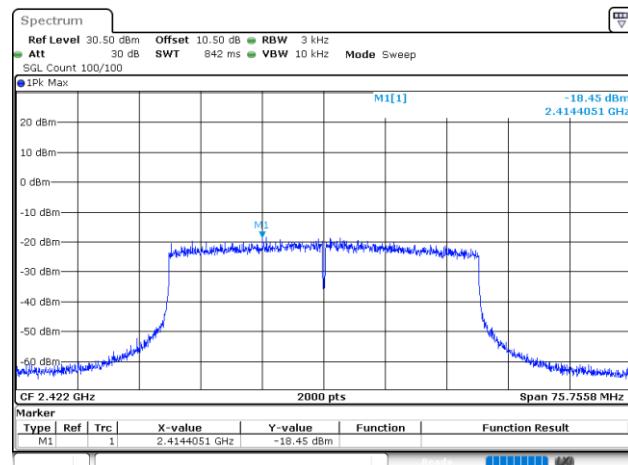
## 802.11ax20\_2437MHz\_RU\_Full



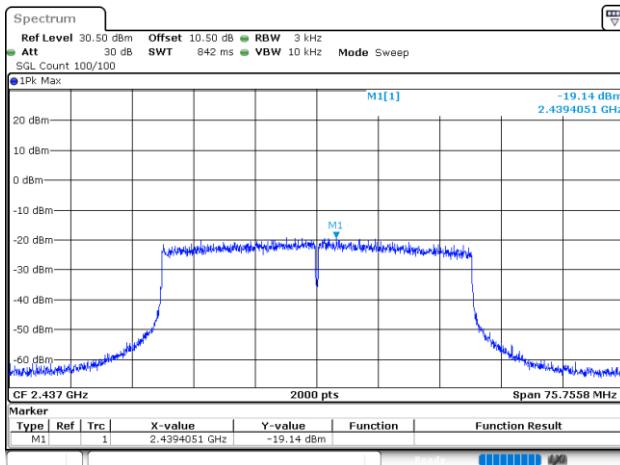
## 802.11ax20\_2462MHz\_RU\_Full



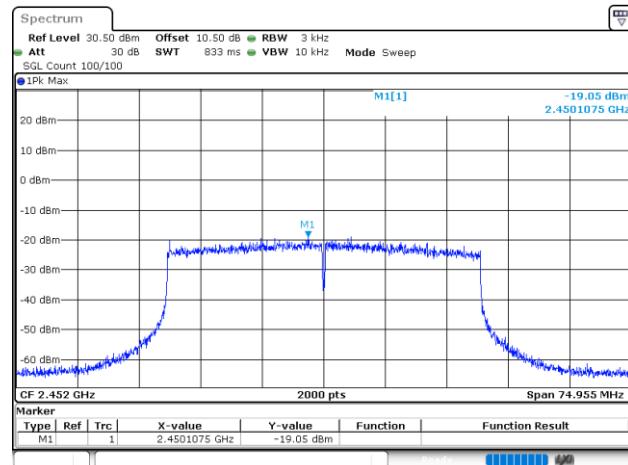
## 802.11ax40\_2422MHz\_RU\_Full



## 802.11ax40\_2437MHz\_RU\_Full



## 802.11ax40\_2452MHz\_RU\_Full



**100 kHz Bandwidth of Frequency Band Edge****Test Information:**

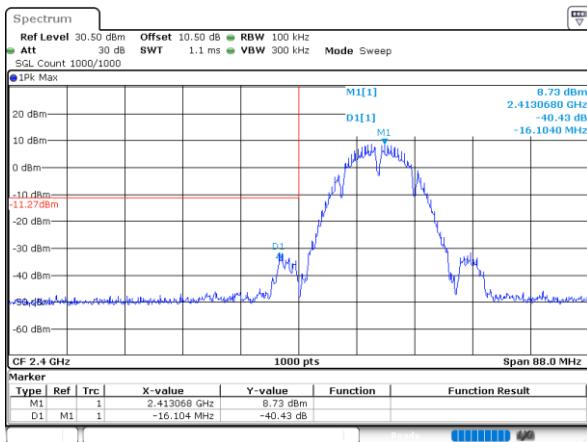
<b>Sample No.:</b>	35TN-3	<b>Test Date:</b>	2025/07/15~2025/07/17
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Cayde Hou	<b>Test Result:</b>	Pass

**Environmental Conditions:**

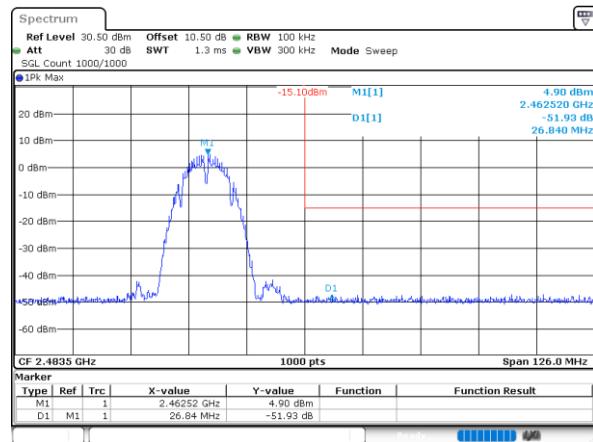
<b>Temperature:</b> (°C)	25.6~26.3	<b>Relative Humidity:</b> (%)	44~47	<b>ATM Pressure:</b> (kPa)	100.1
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## Test Data:

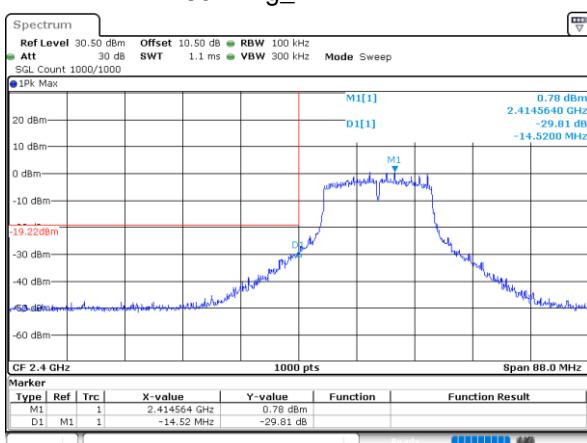
## 802.11b\_2412MHz



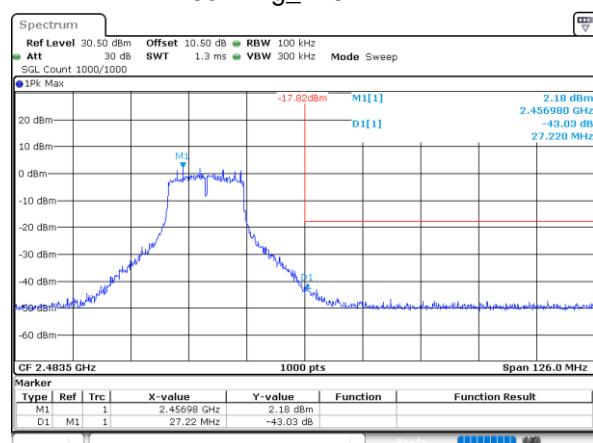
## 802.11b\_2462MHz



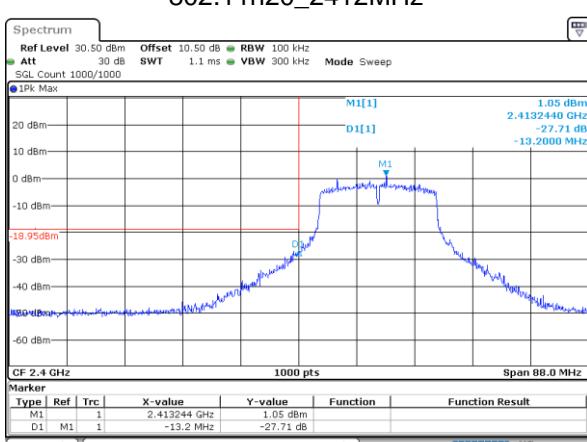
## 802.11g\_2412MHz



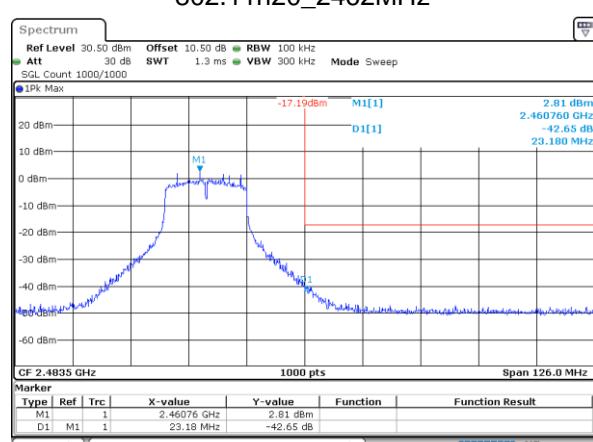
## 802.11g\_2462MHz



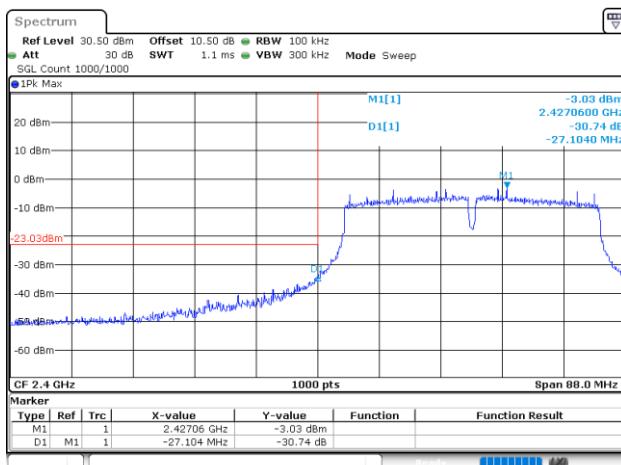
## 802.11n20\_2412MHz



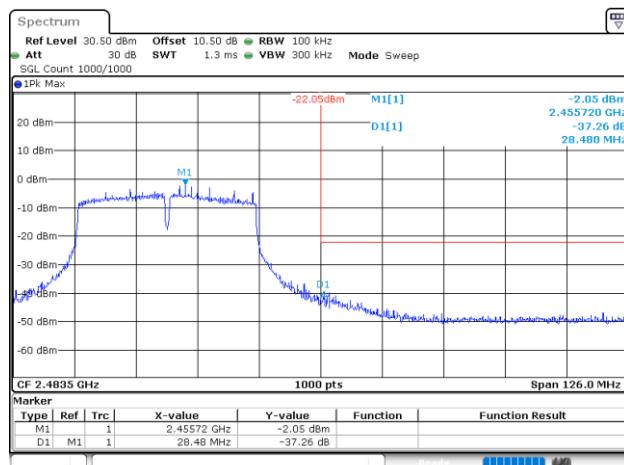
## 802.11n20\_2462MHz



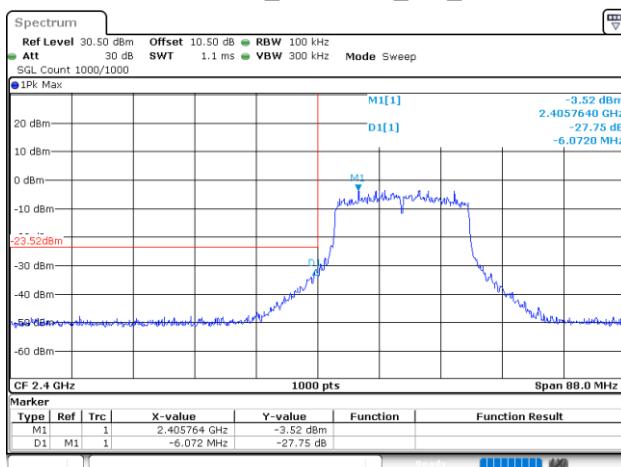
## 802.11n40\_2422MHz



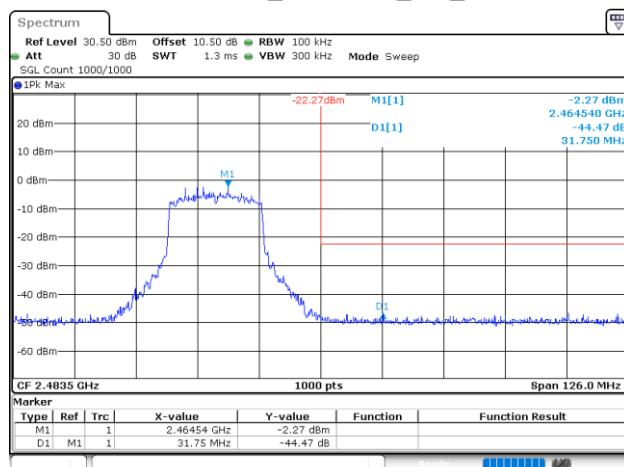
## 802.11n40\_2452MHz



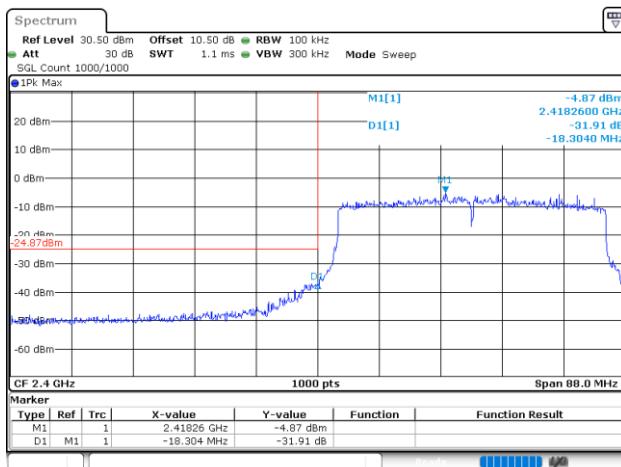
## 802.11ax20\_2412MHz\_RU\_Full



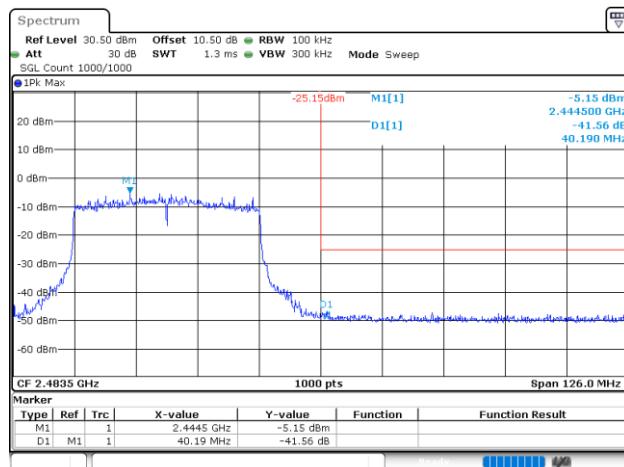
## 802.11ax20\_2462MHz\_RU\_Full



## 802.11ax40\_2422MHz\_RU\_Full



## 802.11ax40\_2452MHz\_RU\_Full



**Duty Cycle****Test Information:**

<b>Sample No.:</b>	35TN-3	<b>Test Date:</b>	2025/07/04
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Cayde Hou	<b>Test Result:</b>	Pass

**Environmental Conditions:**

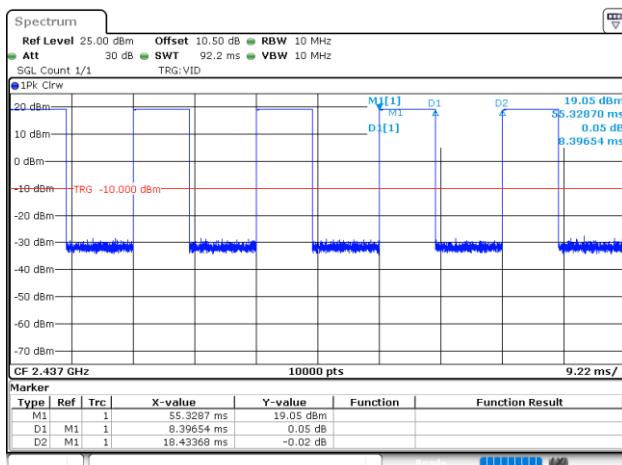
<b>Temperature:</b> (°C)	25.3	<b>Relative Humidity:</b> (%)	44	<b>ATM Pressure:</b> (kPa)	100.1
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**Test Data:**

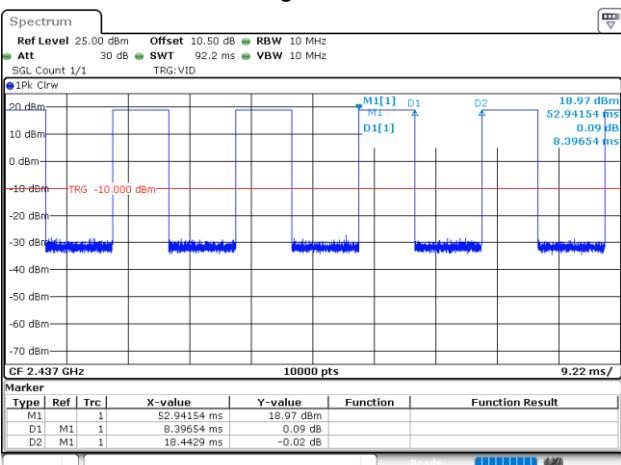
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.397	18.434	45.55	3.41	119	0.200
802.11g	2437	8.397	18.443	45.53	3.42	119	0.200
802.11n20	2437	5.070	15.105	33.57	4.74	197	0.200
802.11n40	2437	4.880	14.930	32.69	4.86	205	0.300
802.11ax20_RU_FULL	2437	3.865	13.903	27.80	5.56	259	0.300
802.11ax40_RU_FULL	2437	3.858	13.903	27.75	5.57	259	0.300

**Duty Cycle = Ton/(Ton+Toff)\*100%**

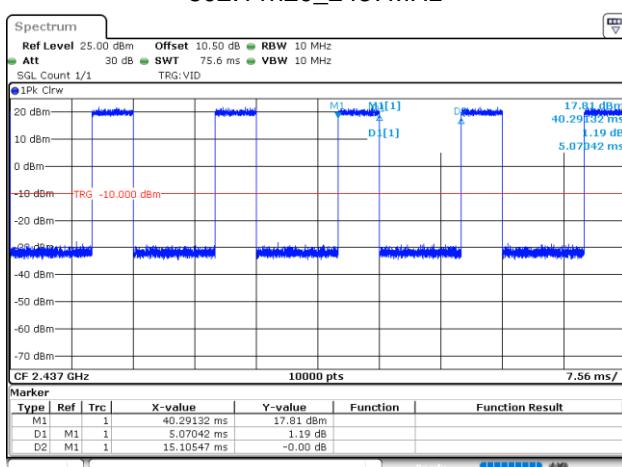
## 802.11b\_2437MHz



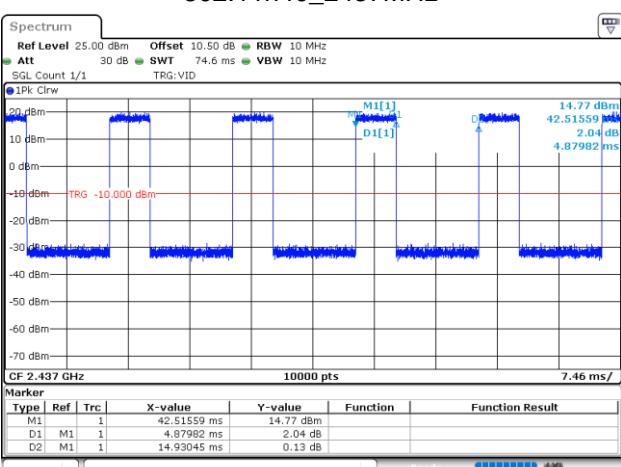
## 802.11g\_2437MHz



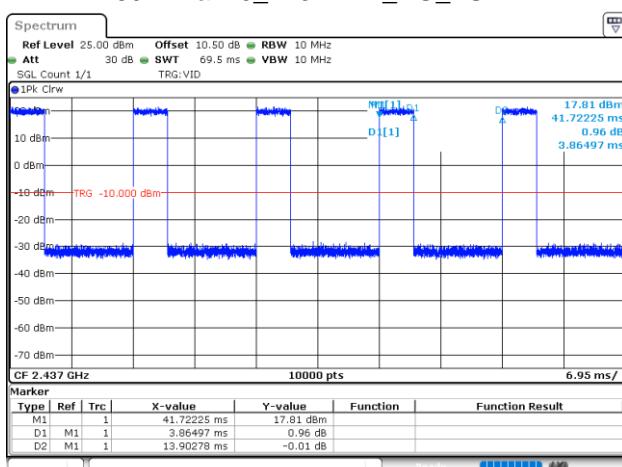
## 802.11n20\_2437MHz



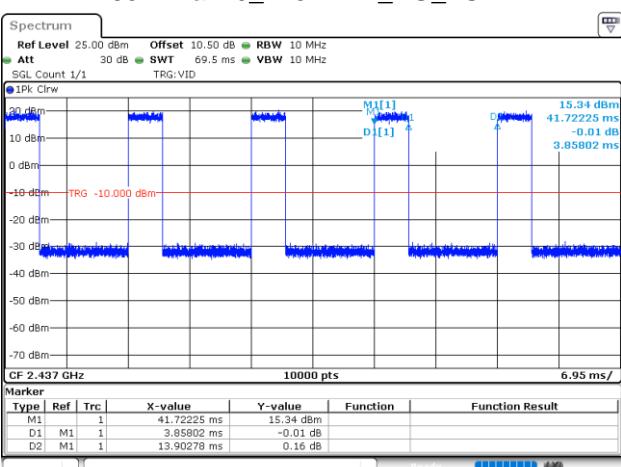
## 802.11n40\_2437MHz



## 802.11ax20\_2437MHz\_RU\_FULL



## 802.11ax40\_2437MHz\_RU\_FULL



## **EXHIBIT A - EUT PHOTOGRAPHS**

Please refer to the Attachment: 2504V06524E-RF EUT EXTERNAL PHOTOGRAPHS and 2504V06524E-RF EUT INTERNAL PHOTOGRAPHS.

## **EXHIBIT B - TEST SETUP PHOTOGRAPHS**

Please refer to the Attachment: 2504V06524E-RF-00B TEST SETUP PHOTOGRAPHS.

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