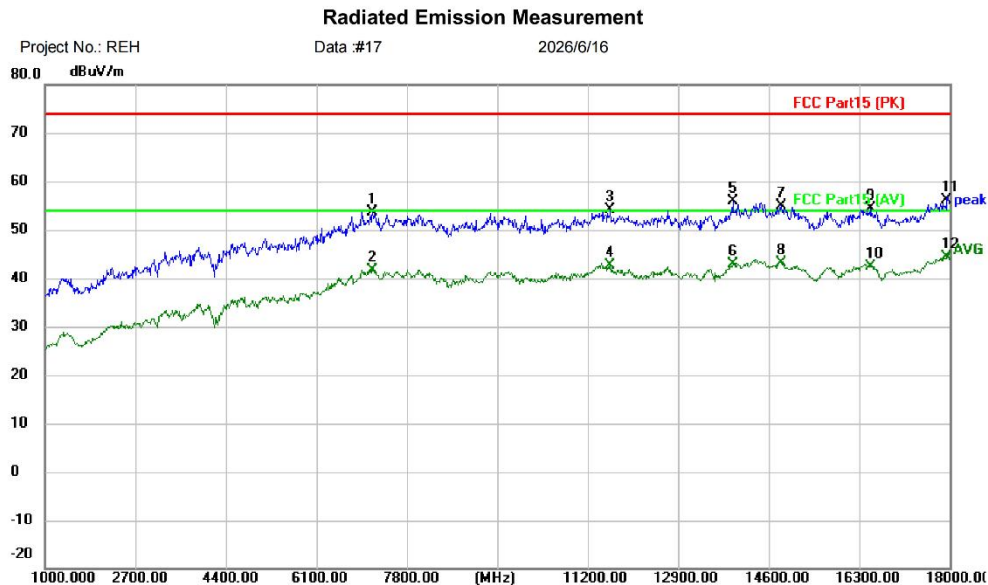


[Test mode: TX middle channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: aosu SolarCam T2 Max

M/N: C9P31

Mode: 2.4G-2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		7154.000	46.35	7.17	53.52	74.00	-20.48	peak	
2		7154.000	34.44	7.17	41.61	54.00	-12.39	AVG	
3		11625.00	44.59	9.63	54.22	74.00	-19.78	peak	
4		11625.00	32.92	9.63	42.55	54.00	-11.45	AVG	
5		13920.00	45.95	9.82	55.77	74.00	-18.23	peak	
6		13920.00	33.09	9.82	42.91	54.00	-11.09	AVG	
7		14838.00	45.12	9.66	54.78	74.00	-19.22	peak	
8		14838.00	33.59	9.66	43.25	54.00	-10.75	AVG	
9		16521.00	44.81	9.57	54.38	74.00	-19.62	peak	
10		16521.00	32.91	9.57	42.48	54.00	-11.52	AVG	
11		17949.00	43.79	12.28	56.07	74.00	-17.93	peak	
12	*	17949.00	32.21	12.28	44.49	54.00	-9.51	AVG	

*:Maximum data x:Over limit !:over margin

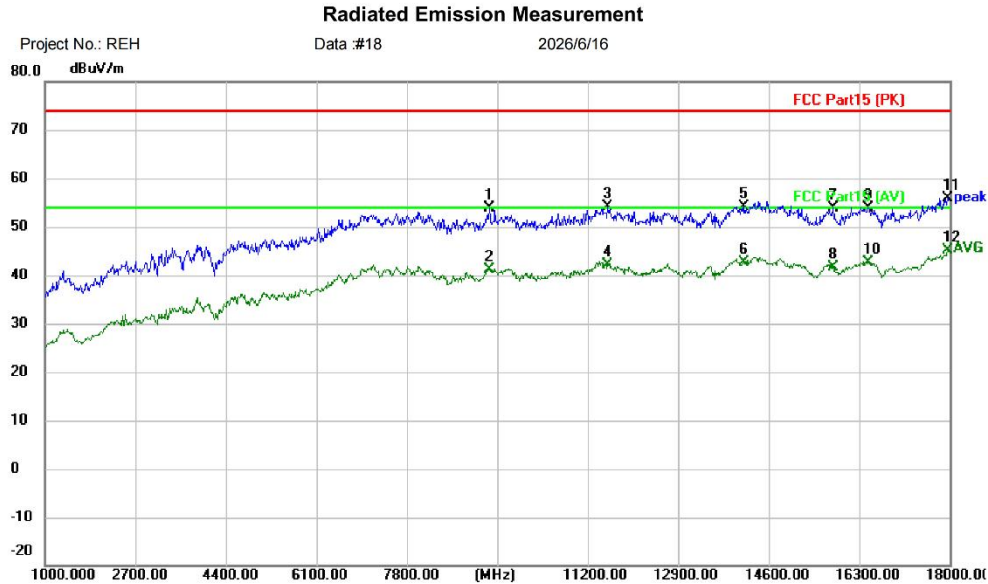
<Reference Only

Receiver: ESR_1

Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX middle channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: aosu SolarCam T2 Max

M/N: C9P31

Mode: 2.4G-2437

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	9347.000	46.02	7.75	53.77	74.00	-20.23	peak	
2	9347.000	33.28	7.75	41.03	54.00	-12.97	AVG	
3	11574.00	44.03	10.01	54.04	74.00	-19.96	peak	
4	11574.00	32.03	10.01	42.04	54.00	-11.96	AVG	
5	14141.00	44.59	9.65	54.24	74.00	-19.76	peak	
6	14141.00	32.94	9.65	42.59	54.00	-11.41	AVG	
7	15807.00	46.22	7.62	53.84	74.00	-20.16	peak	
8	15807.00	34.07	7.62	41.69	54.00	-12.31	AVG	
9	16470.00	44.49	9.39	53.88	74.00	-20.12	peak	
10	16470.00	33.18	9.39	42.57	54.00	-11.43	AVG	
11	17966.00	43.45	12.51	55.96	74.00	-18.04	peak	
12 *	17966.00	32.58	12.51	45.09	54.00	-8.91	AVG	

*:Maximum data x:Over limit !:over margin

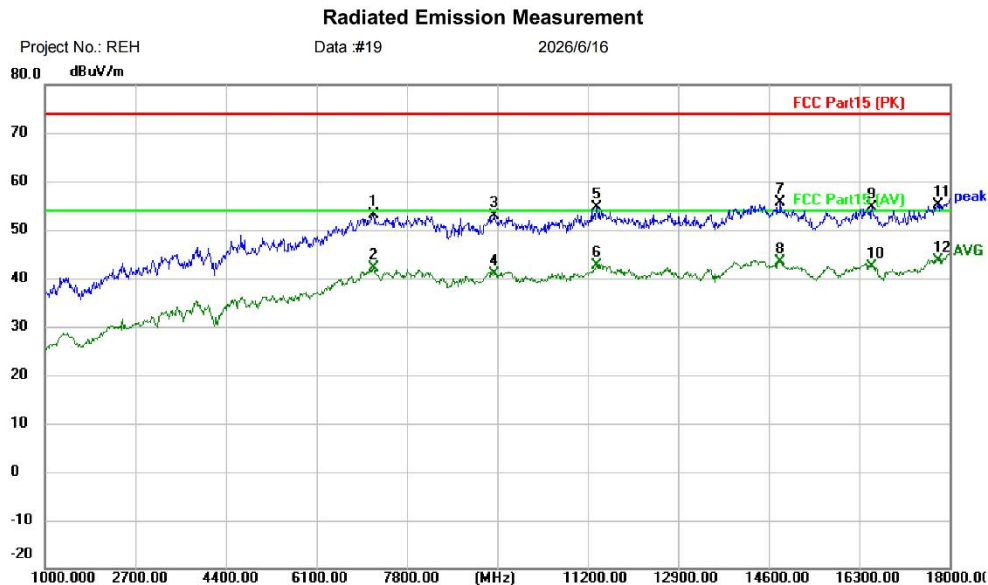
<Reference Only

Receiver: ESR_1

Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX High channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: aosu SolarCam T2 Max

M/N: C9P31

Mode: 2.4G-2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		7171.000	46.11	7.03	53.14	74.00	-20.86	peak	
2		7171.000	35.05	7.03	42.08	54.00	-11.92	AVG	
3		9432.000	45.47	7.37	52.84	74.00	-21.16	peak	
4		9432.000	33.49	7.37	40.86	54.00	-13.14	AVG	
5		11370.000	45.25	9.28	54.53	74.00	-19.47	peak	
6		11370.000	33.47	9.28	42.75	54.00	-11.25	AVG	
7		14821.000	45.74	9.79	55.53	74.00	-18.47	peak	
8		14821.000	33.56	9.79	43.35	54.00	-10.65	AVG	
9		16538.000	45.04	9.58	54.62	74.00	-19.38	peak	
10		16538.000	32.77	9.58	42.35	54.00	-11.65	AVG	
11		17779.000	44.17	11.01	55.18	74.00	-18.82	peak	
12	*	17779.000	32.57	11.01	43.58	54.00	-10.42	AVG	

*:Maximum data x:Over limit !:over margin

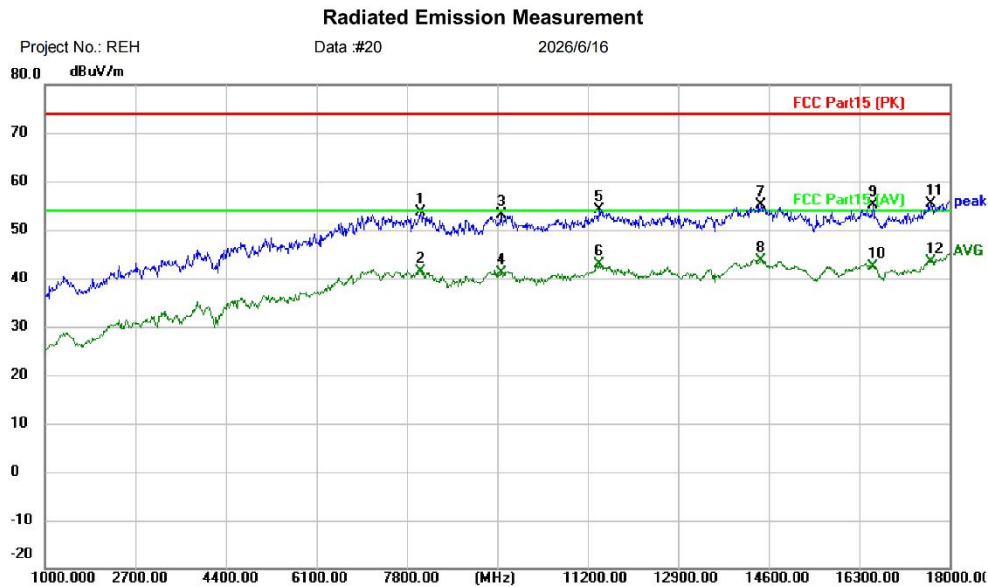
<Reference Only

Receiver: ESR_1

Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX High channel]; [Polarity: Vertical]



Site: Polarization: **Vertical** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: aosu SolarCam T2 Max

M/N: C9P31

Mode: 2.4G-2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		8055.000	46.98	6.68	53.66	74.00	-20.34	peak	
2		8055.000	34.70	6.68	41.38	54.00	-12.62	AVG	
3		9568.000	45.59	7.56	53.15	74.00	-20.85	peak	
4		9568.000	33.51	7.56	41.07	54.00	-12.93	AVG	
5		11404.00	44.54	9.62	54.16	74.00	-19.84	peak	
6		11404.00	33.15	9.62	42.77	54.00	-11.23	AVG	
7		14447.00	45.43	9.64	55.07	74.00	-18.93	peak	
8	*	14447.00	33.90	9.64	43.54	54.00	-10.46	AVG	
9		16555.00	45.64	9.57	55.21	74.00	-18.79	peak	
10		16555.00	32.88	9.57	42.45	54.00	-11.55	AVG	
11		17643.00	44.96	10.42	55.38	74.00	-18.62	peak	
12		17643.00	32.85	10.42	43.27	54.00	-10.73	AVG	

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESR_1

Spectrum Analyzer: FSP40

Test Result: Pass

6.9 Radiated emissions which fall in the restricted bands

Test Standard	47 CFR Part 15, Subpart C 15.247(d)
Test Method	ANSI C63.10-2020+Cor.1-2023 Section 6.3, 6.5,6.6,11.12.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

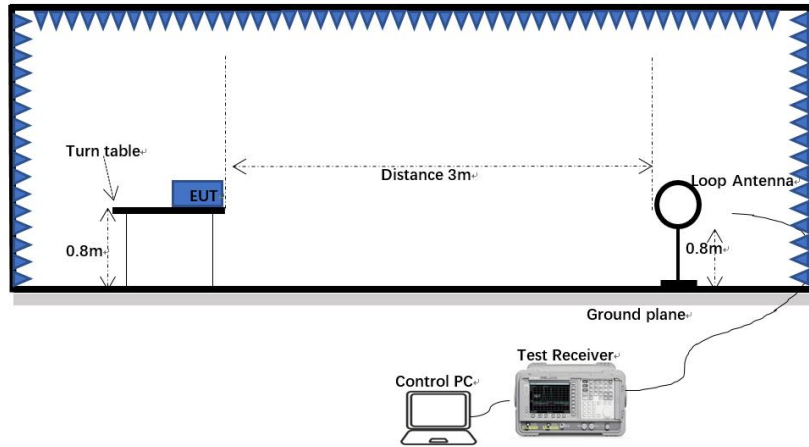
6.9.1 Limit

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

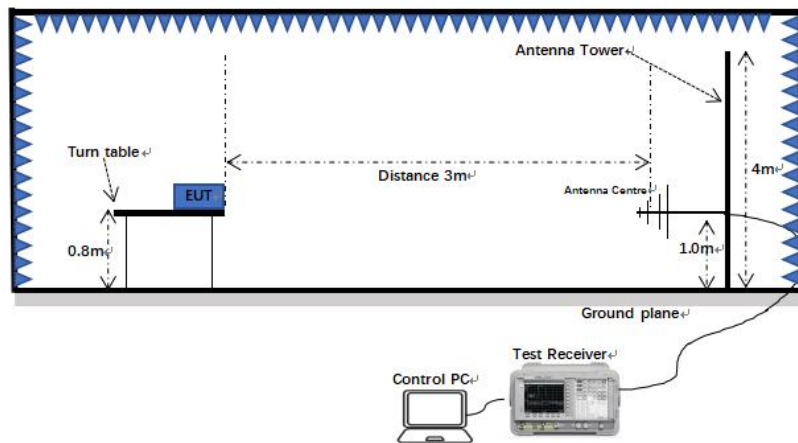
Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.9.2 Test setup

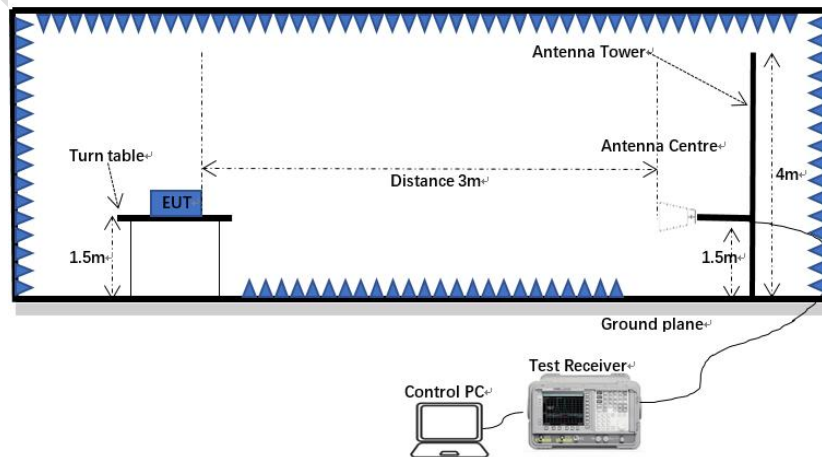
Below 1GHz:



30MHz-1GHz:



Above 1GHz:



6.9.3 Procedure

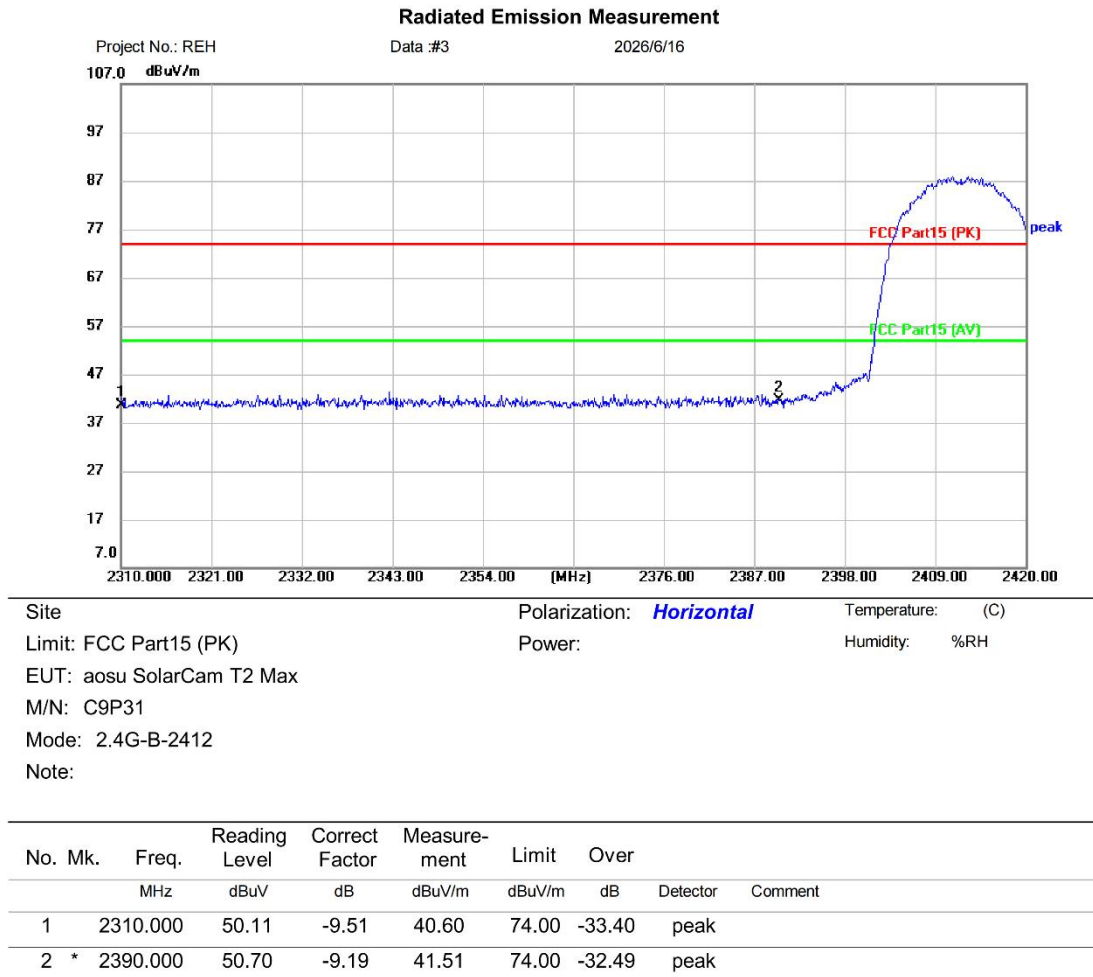
- a) For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c) The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g) If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h) Test the EUT in the lowest channel, the middle channel, the highest channel.
- i) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j) Repeat above procedures until all frequencies measured was complete.

Note 1: Level (dBuV) = Reading (dBuV) + Factor (dB/m)

Note 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

6.9.4 Test data

[Test mode: TX 802.11b low channel]; [Polarity: Horizontal]



*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESR_1

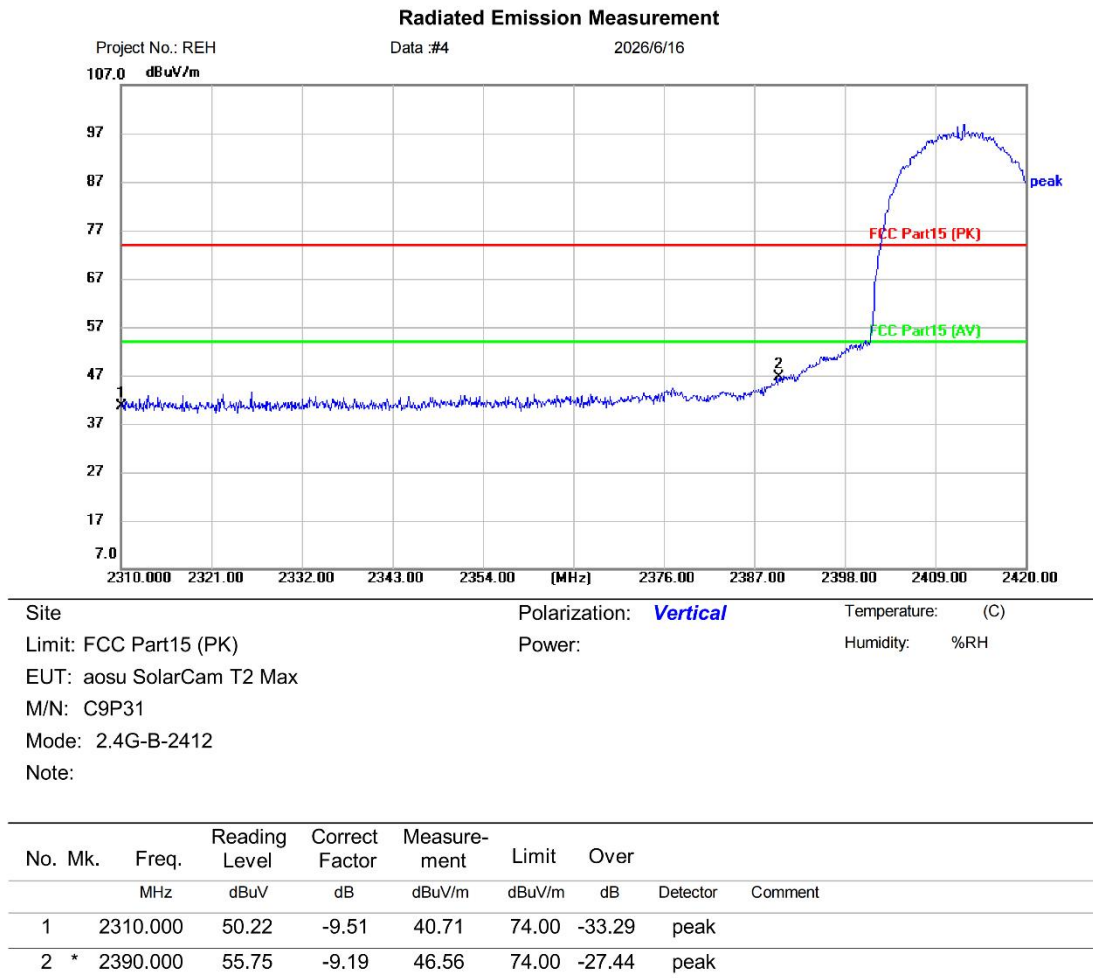
Spectrum Analyzer:

FSP40

Antenna: FZ-0400D 10-180

Test Result: Pass

[Test mode:TX 802.11b low channel]; [Polarity: Vertical]



*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: E76400D 10-100

Test Result: Pass

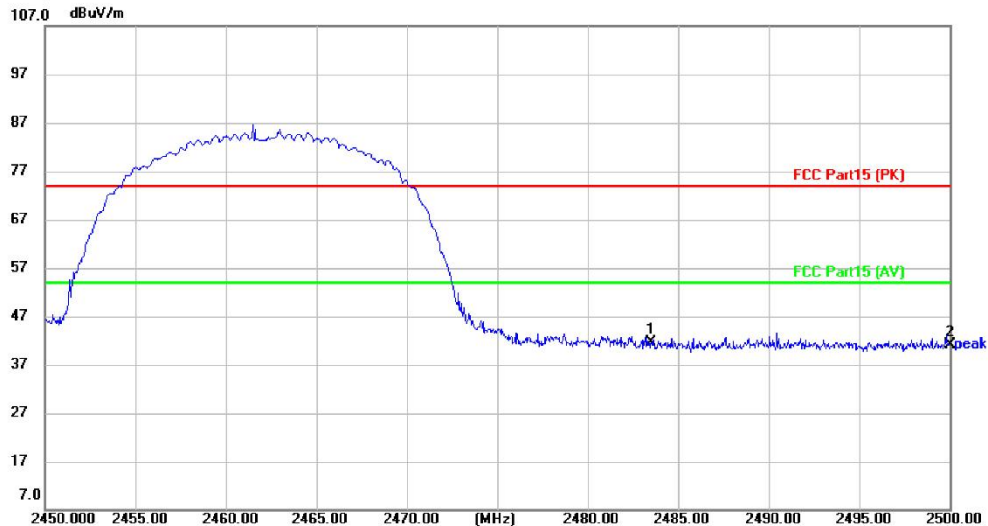
[Test mode: TX 802.11b High channel]; [Polarity: Horizontal]

Radiated Emission Measurement

Project No.: REH

Data :#5

2026/6/16



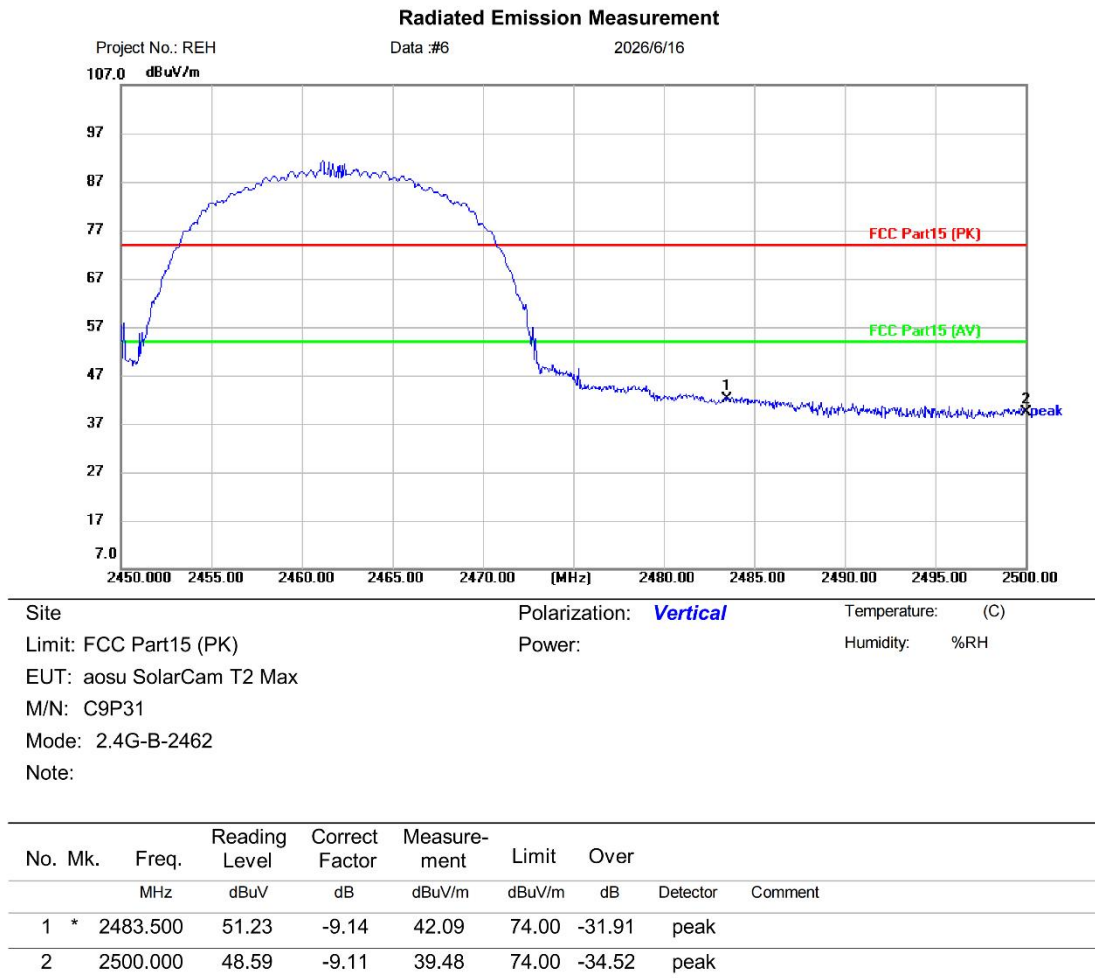
Site	Polarization: Horizontal	Temperature: (C)
Limit: FCC Part15 (PK)	Power:	Humidity: %RH
EUT: aosu SolarCam T2 Max		
M/N: C9P31		
Mode: 2.4G-B-2462		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	2483.500	50.66	-9.14	41.52	74.00	-32.48	peak	
2		2500.000	50.29	-9.11	41.18	74.00	-32.82	peak	

*:Maximum data	x:Over limit	!:over margin							⟨Reference Only
Receiver:	ESR_1				Spectrum Analyzer:	FSP40			
Antenna:	57.6100D 10.100								

Test Result: Pass

[Test mode:TX 802.11b High channel]; [Polarity: Vertical]



*:Maximum data x:Over limit !:over margin <Reference Only

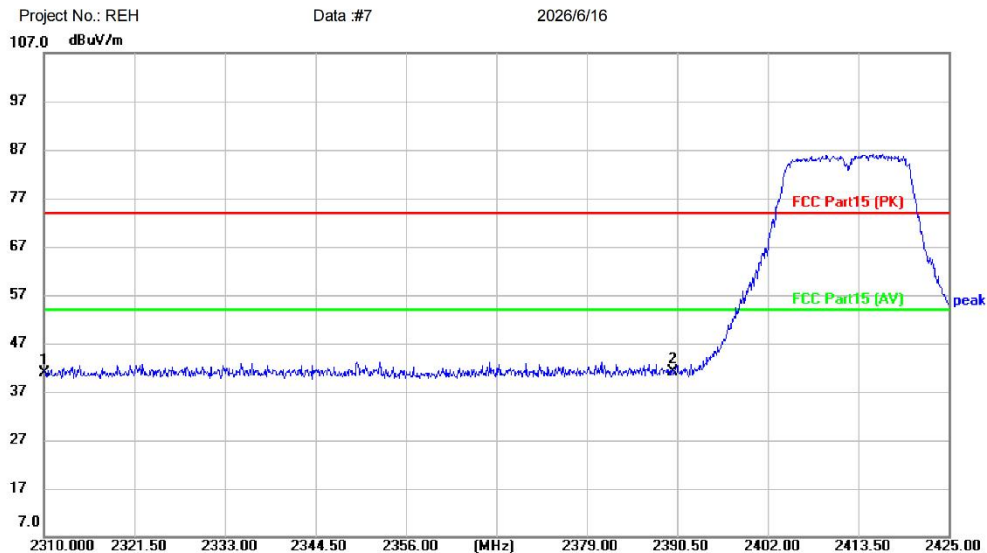
Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: E76400D 10-100

Test Result: Pass

[Test mode: TX 802.11g low channel]; [Polarity: Horizontal]

Radiated Emission Measurement



Site Polarization: **Horizontal** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: aosu SolarCam T2 Max
M/N: C9P31
Mode: 2.4G-G-2412
Note:

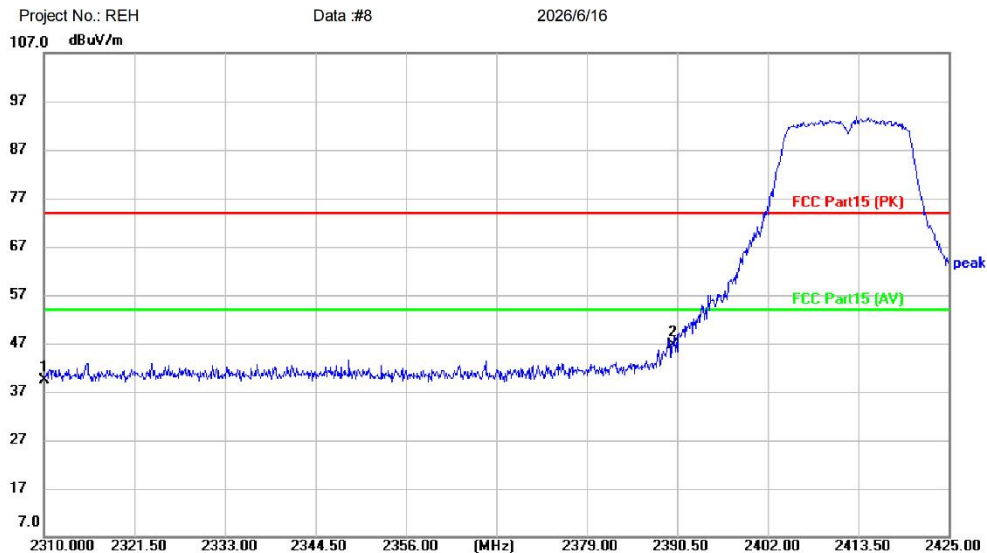
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2310.000	50.34	-9.51	40.83	74.00	-33.17	peak	
2	*	2390.000	50.23	-9.19	41.04	74.00	-32.96	peak	

*:Maximum data x:Over limit !:over margin <Reference Only
Receiver: ESR_1 Spectrum Analyzer: FSP40
Antenna: E74400 10-100

Test Result: Pass

[Test mode:TX 802.11g low channel]; [Polarity: Vertical]

Radiated Emission Measurement



Site Polarization: **Vertical** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: aosu SolarCam T2 Max
M/N: C9P31
Mode: 2.4G-G-2412
Note:

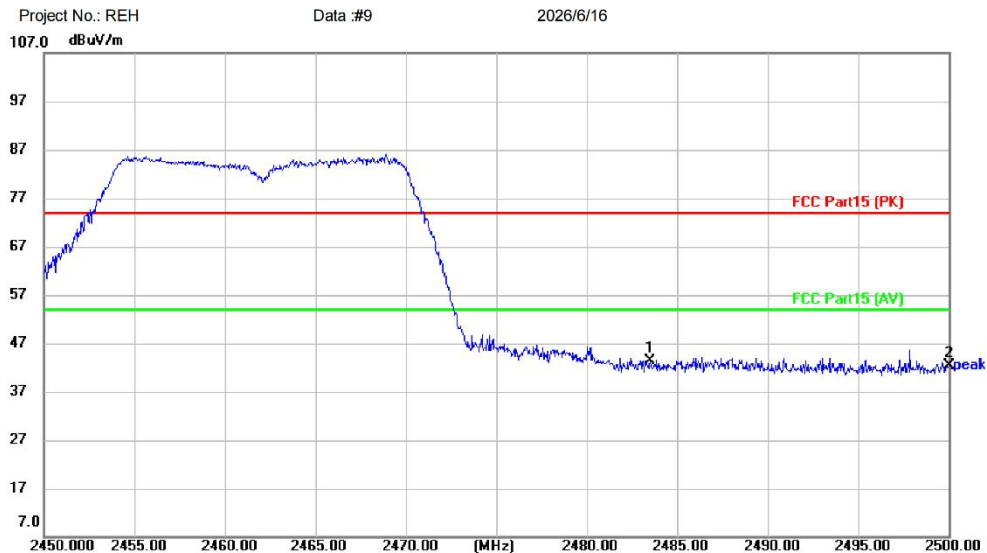
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2310.000	49.00	-9.51	39.49	74.00	-34.51	peak	
2	*	2390.000	55.72	-9.19	46.53	74.00	-27.47	peak	

*:Maximum data x:Over limit !:over margin (Reference Only)
Receiver: ESR_1 Spectrum Analyzer: FSP40
Antenna: E76400D 10-100

Test Result: Pass

[Test mode: TX 802.11g High channel]; [Polarity: Horizontal]

Radiated Emission Measurement



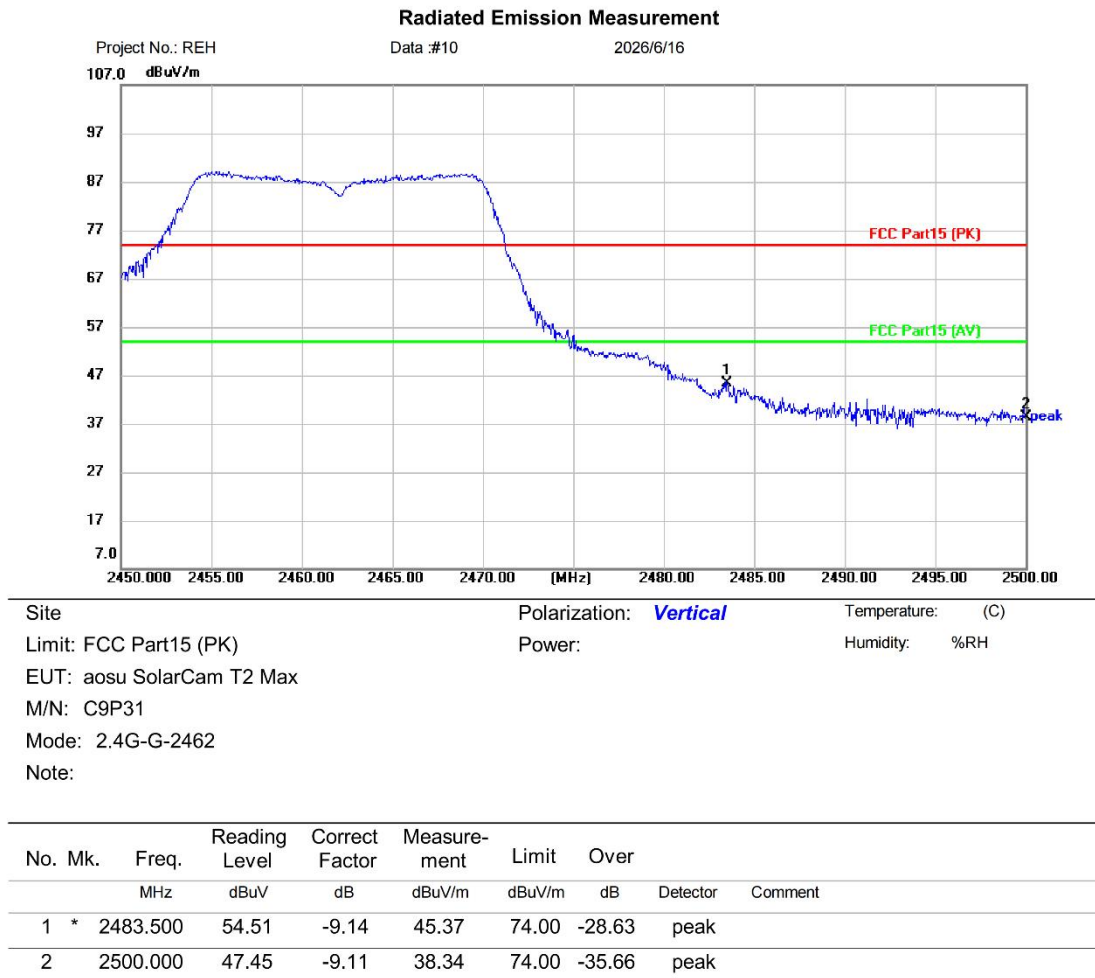
Site Polarization: **Horizontal** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: aosu SolarCam T2 Max
M/N: C9P31
Mode: 2.4G-G-2462
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	2483.500	52.40	-9.14	43.26	74.00	-30.74	peak	
2		2500.000	51.44	-9.11	42.33	74.00	-31.67	peak	

*:Maximum data x:Over limit !:over margin <Reference Only
Receiver: ESR_1 Spectrum Analyzer: FSP40
Antenna: E76400D 10-100

Test Result: Pass

[Test mode:TX 802.11g High channel]; [Polarity: Vertical]



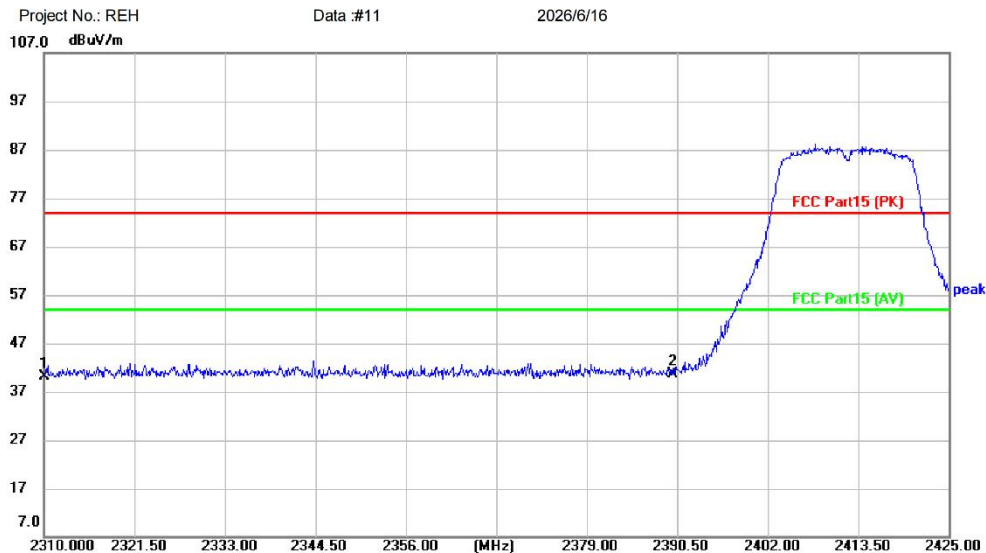
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX 802.11n20 low channel]; [Polarity: Horizontal]

Radiated Emission Measurement



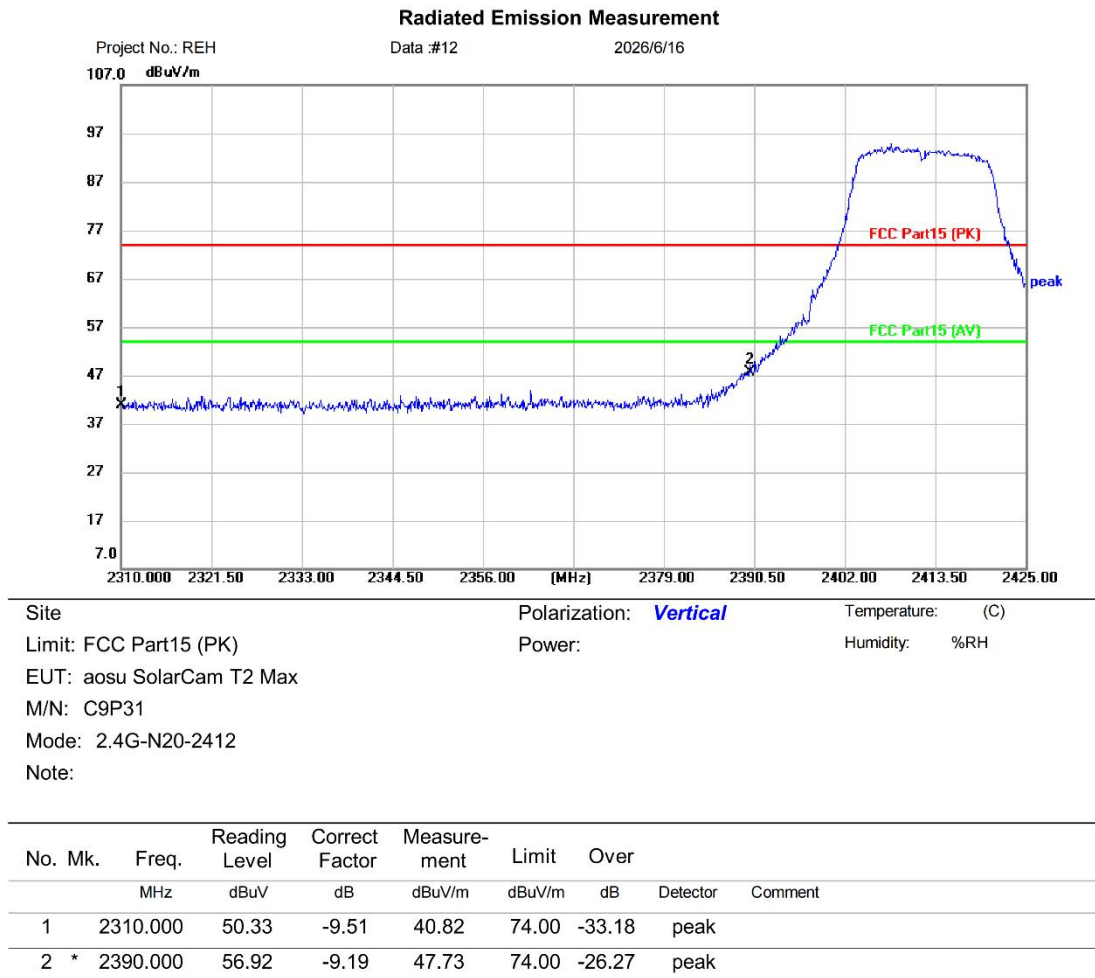
Site Polarization: **Horizontal** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: aosu SolarCam T2 Max
M/N: C9P31
Mode: 2.4G-N20-2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2310.000	49.68	-9.51	40.17	74.00	-33.83	peak	
2	*	2390.000	49.82	-9.19	40.63	74.00	-33.37	peak	

*:Maximum data x:Over limit !:over margin <Reference Only
Receiver: ESR_1 Spectrum Analyzer: FSP40
Antenna: E76400D 10-100

Test Result: Pass

[Test mode:TX 802.11n20 low channel]; [Polarity: Vertical]



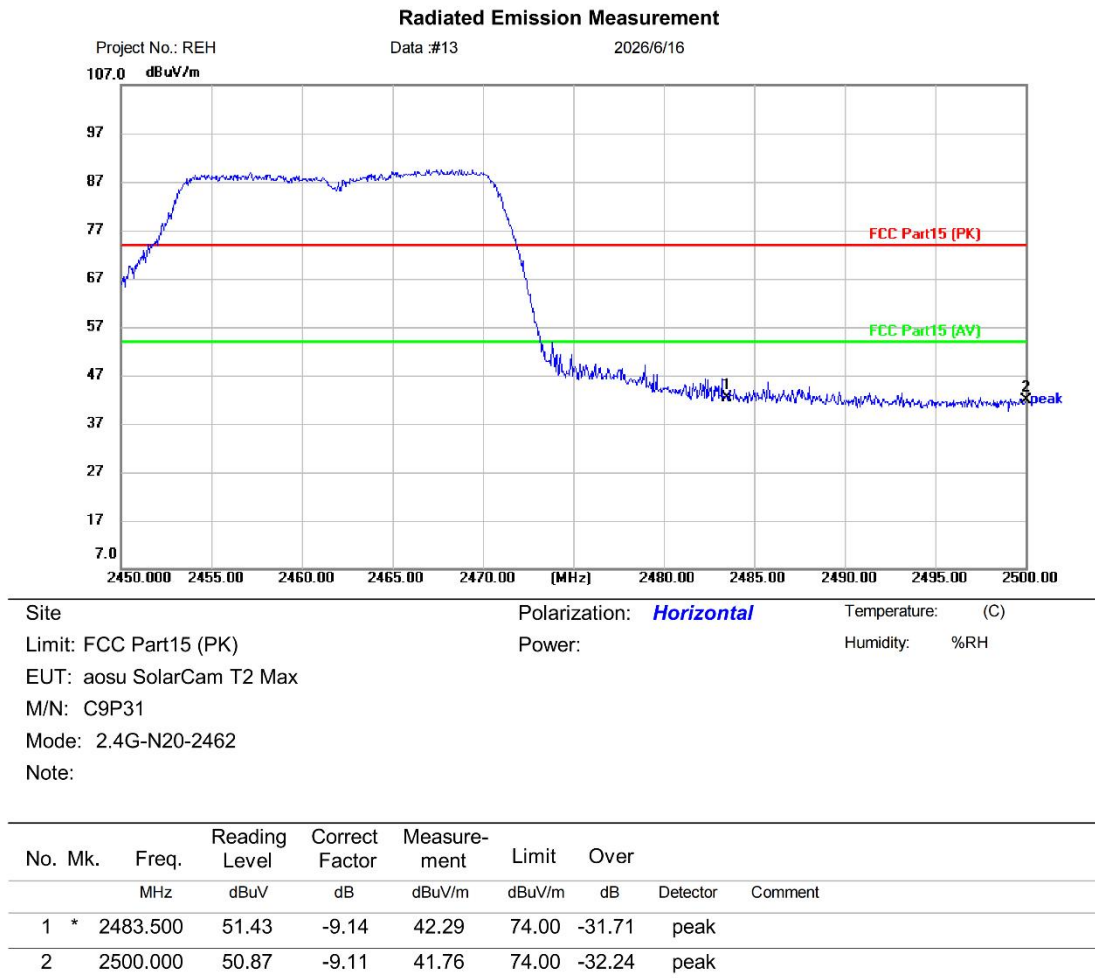
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Antenna: E76400D 10-100

Test Result: Pass

[Test mode: TX 802.11n20 High channel]; [Polarity: Horizontal]

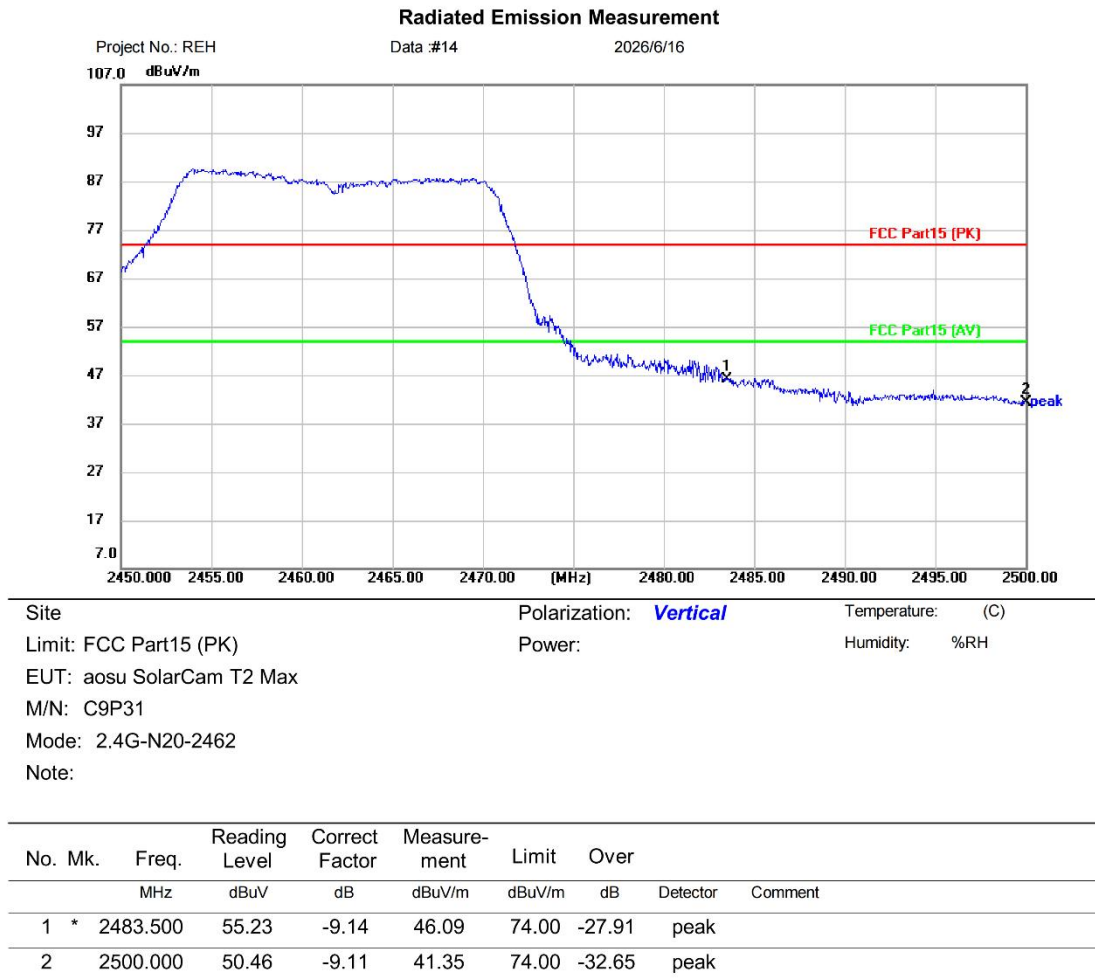


*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode:TX 802.11n20 High channel]; [Polarity: Vertical]



*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

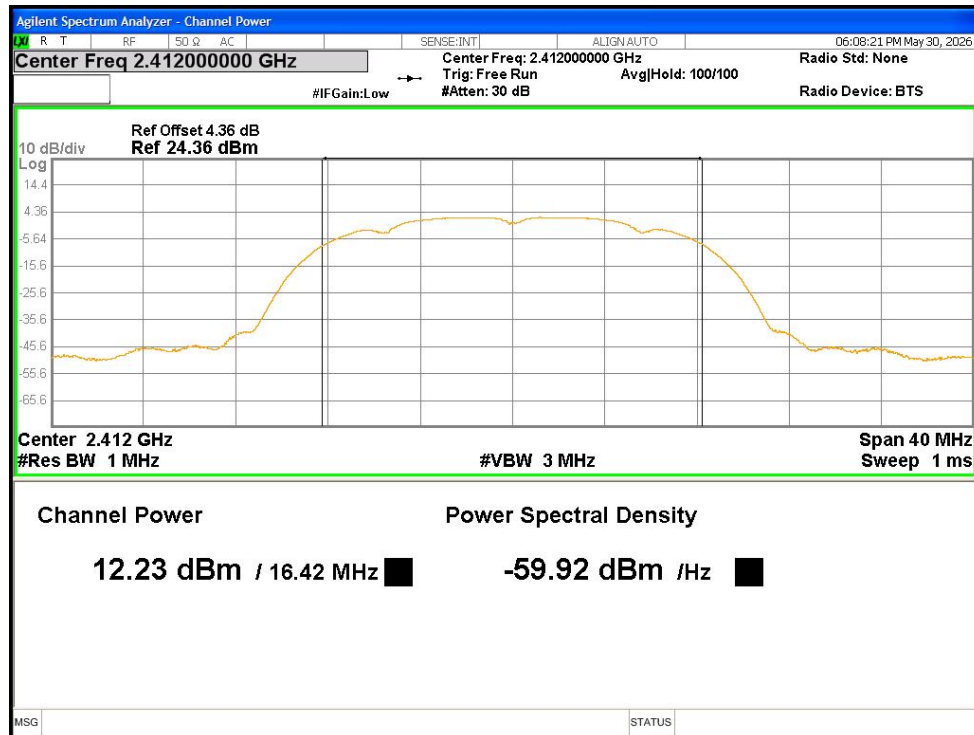
Test Result: Pass

7 Appendix A

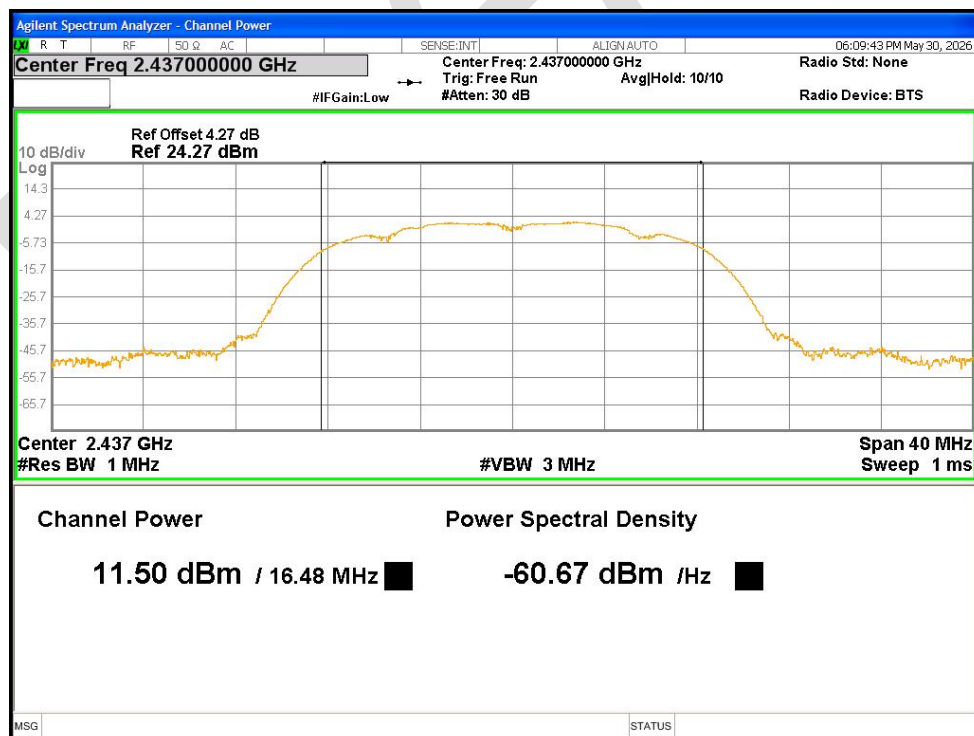
7.1 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.232	30	Pass
NVNT	b	2437	Ant1	11.497	30	Pass
NVNT	b	2462	Ant1	12.141	30	Pass
NVNT	g	2412	Ant1	12.018	30	Pass
NVNT	g	2437	Ant1	11.323	30	Pass
NVNT	g	2462	Ant1	12.068	30	Pass
NVNT	n20	2412	Ant1	11.712	30	Pass
NVNT	n20	2437	Ant1	11.041	30	Pass
NVNT	n20	2462	Ant1	11.808	30	Pass

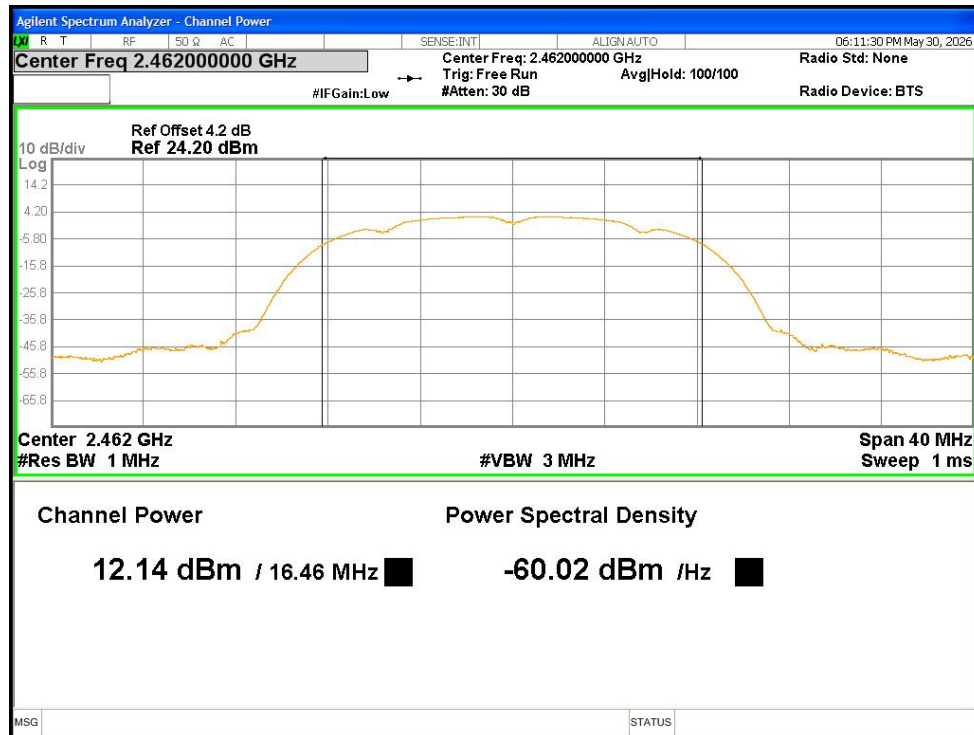
Power NVNT b 2412MHz Ant1



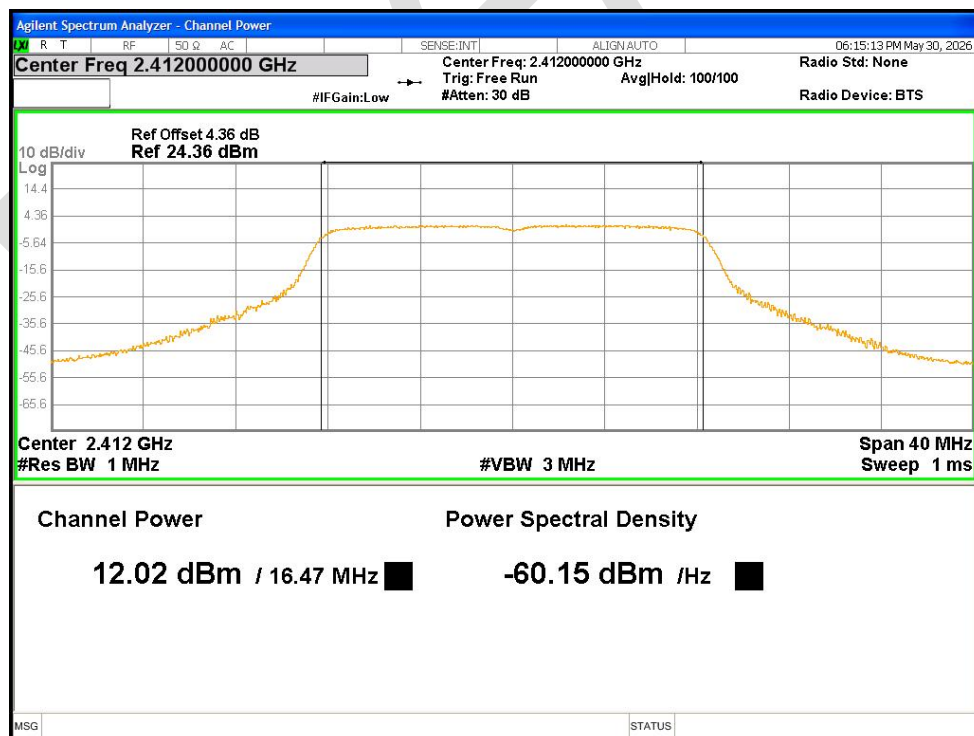
Power NVNT b 2437MHz Ant1



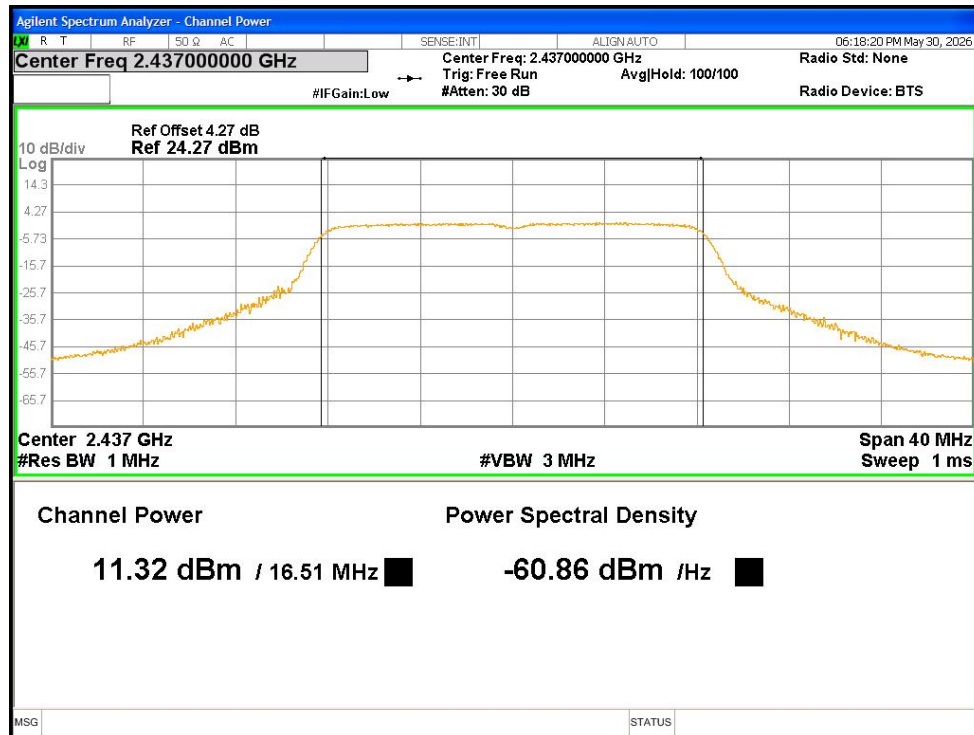
Power NVNT b 2462MHz Ant1



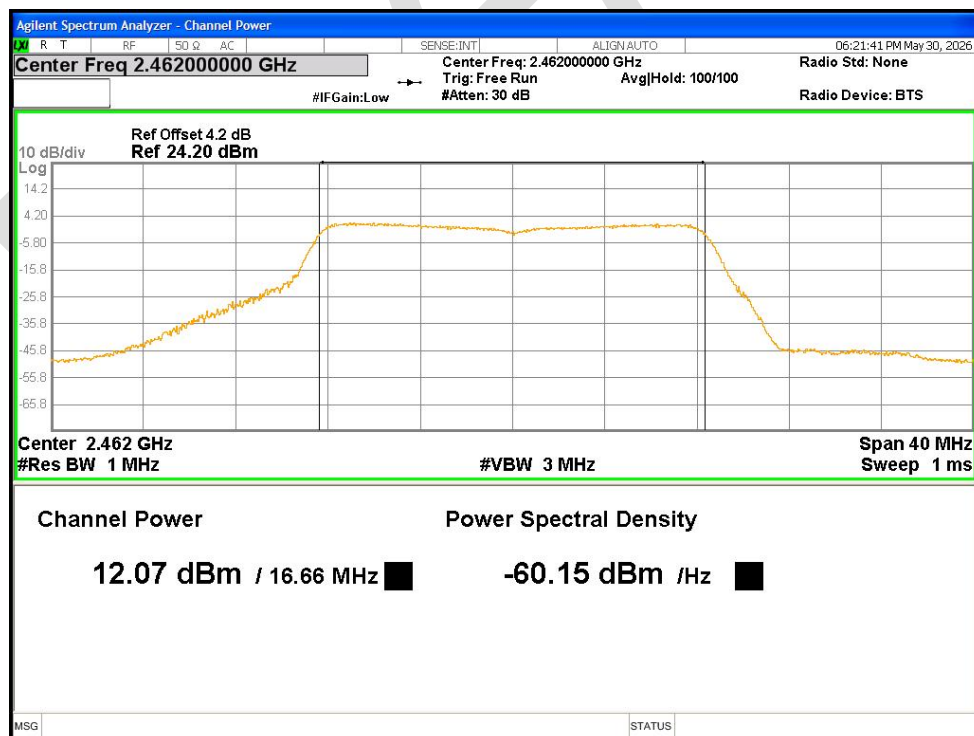
Power NVNT g 2412MHz Ant1



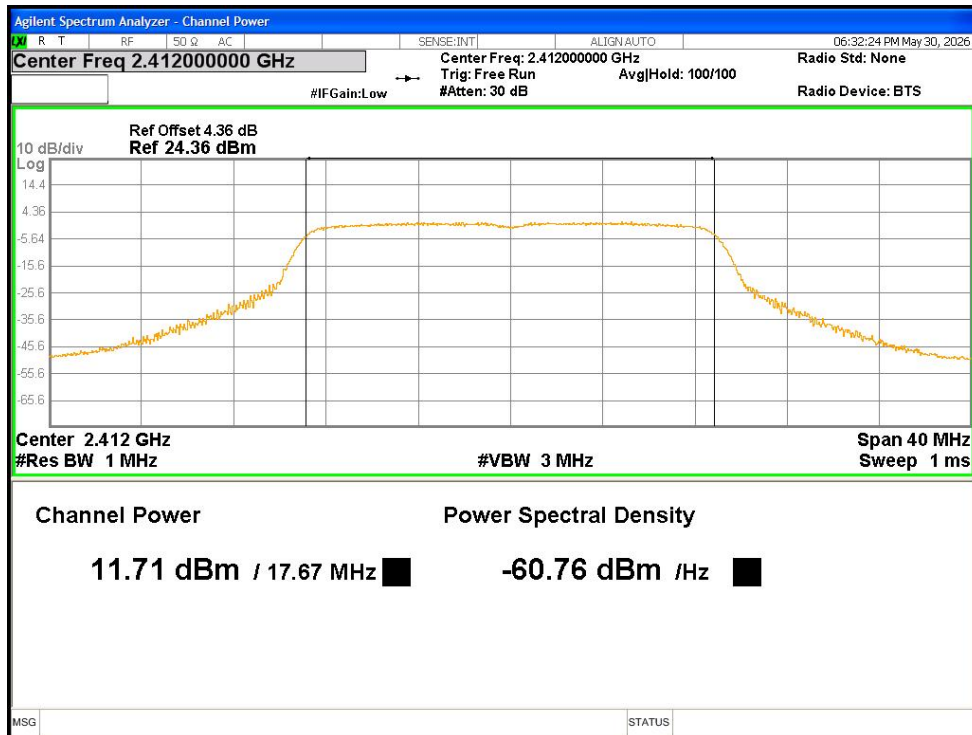
Power NVNT g 2437MHz Ant1



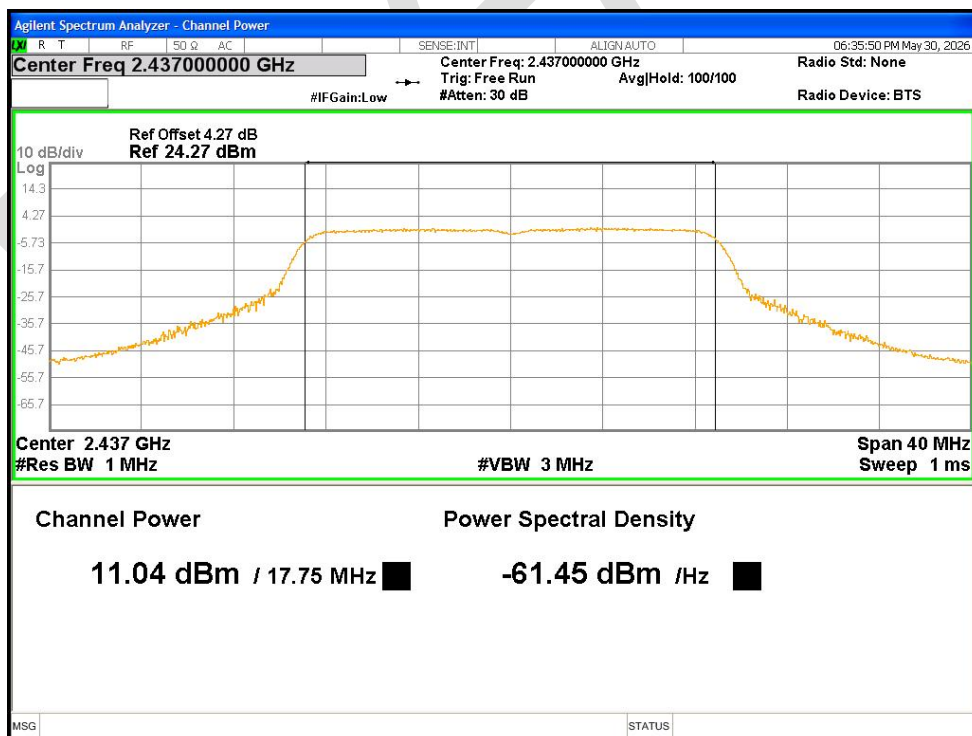
Power NVNT g 2462MHz Ant1



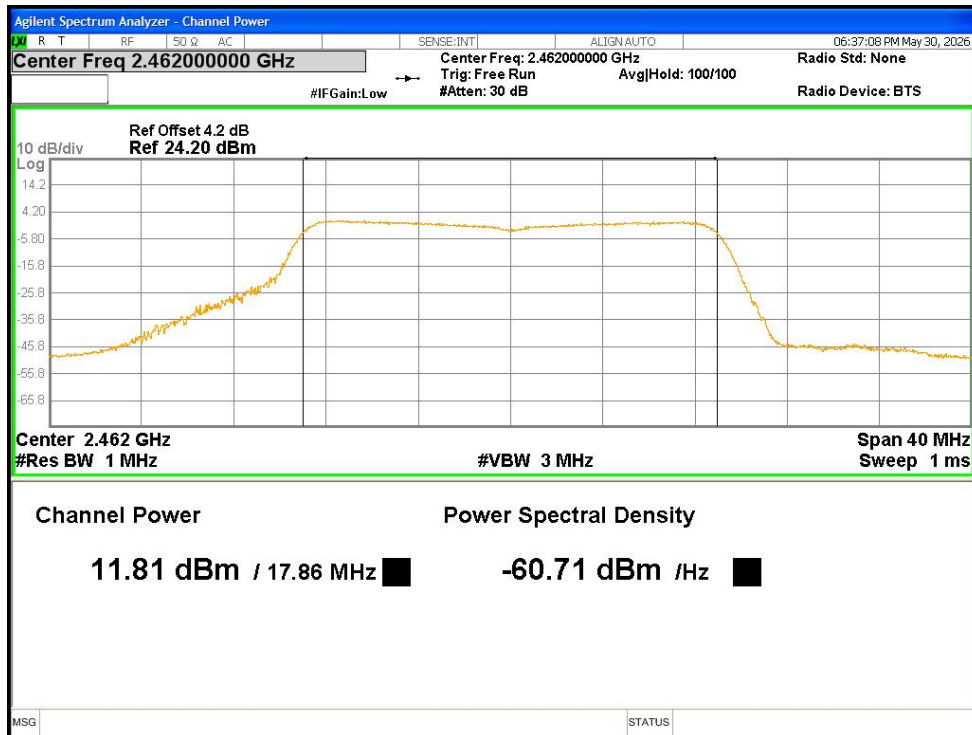
Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1



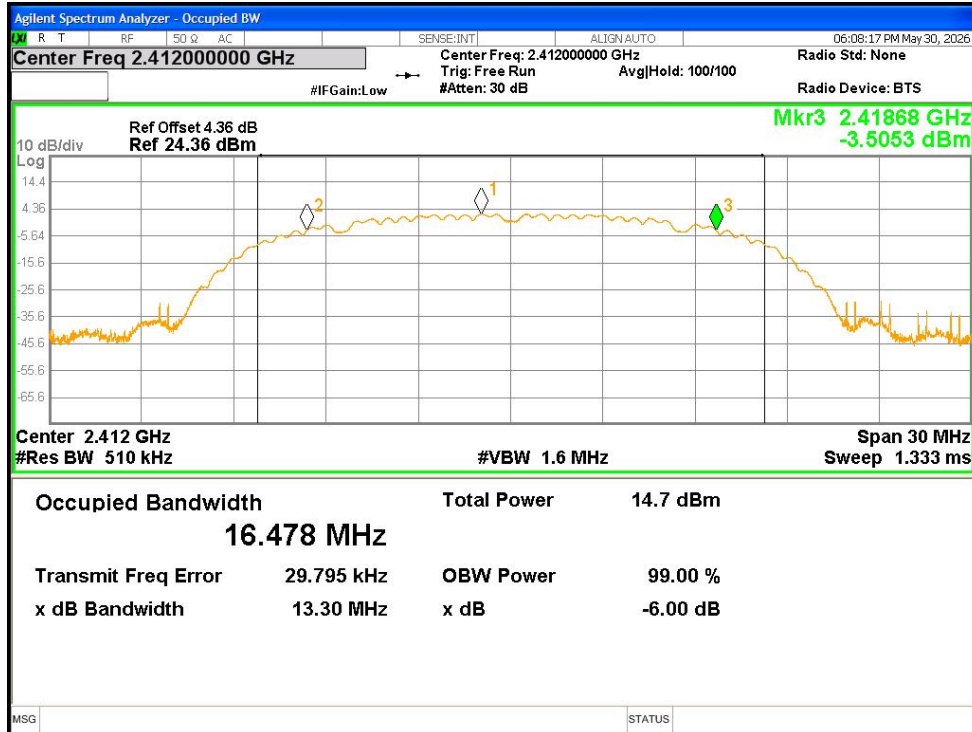
Power NVNT n20 2462MHz Ant1



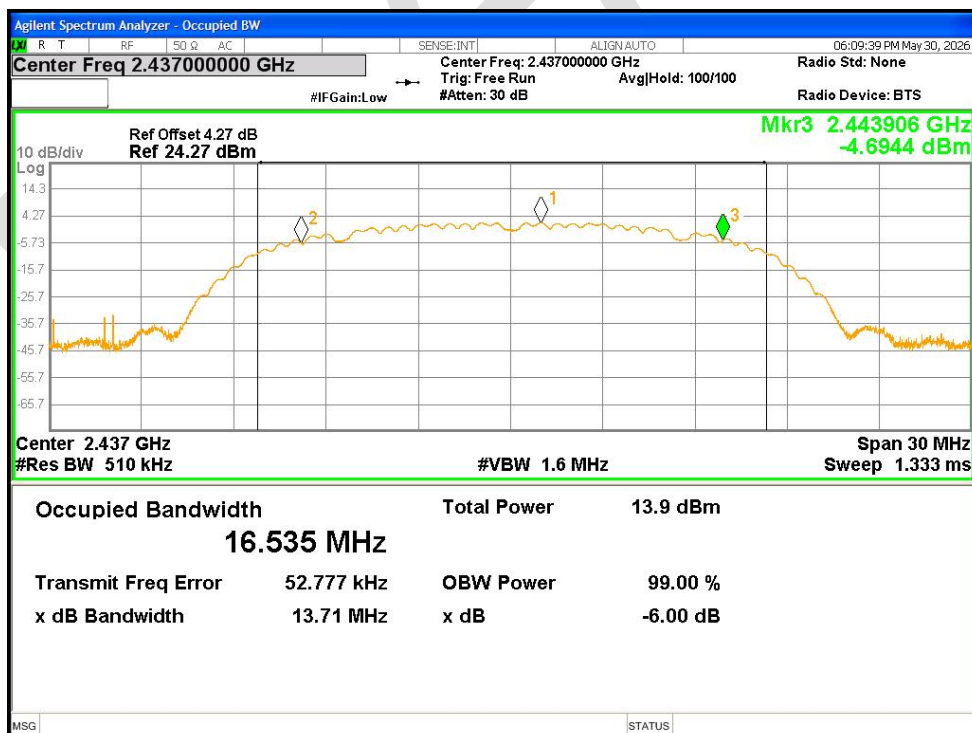
7.2 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	13.3	0.5	Pass
NVNT	b	2437	Ant1	13.706	0.5	Pass
NVNT	b	2462	Ant1	12.603	0.5	Pass
NVNT	g	2412	Ant1	16.38	0.5	Pass
NVNT	g	2437	Ant1	16.426	0.5	Pass
NVNT	g	2462	Ant1	16.913	0.5	Pass
NVNT	n20	2412	Ant1	17.613	0.5	Pass
NVNT	n20	2437	Ant1	17.559	0.5	Pass
NVNT	n20	2462	Ant1	17.792	0.5	Pass

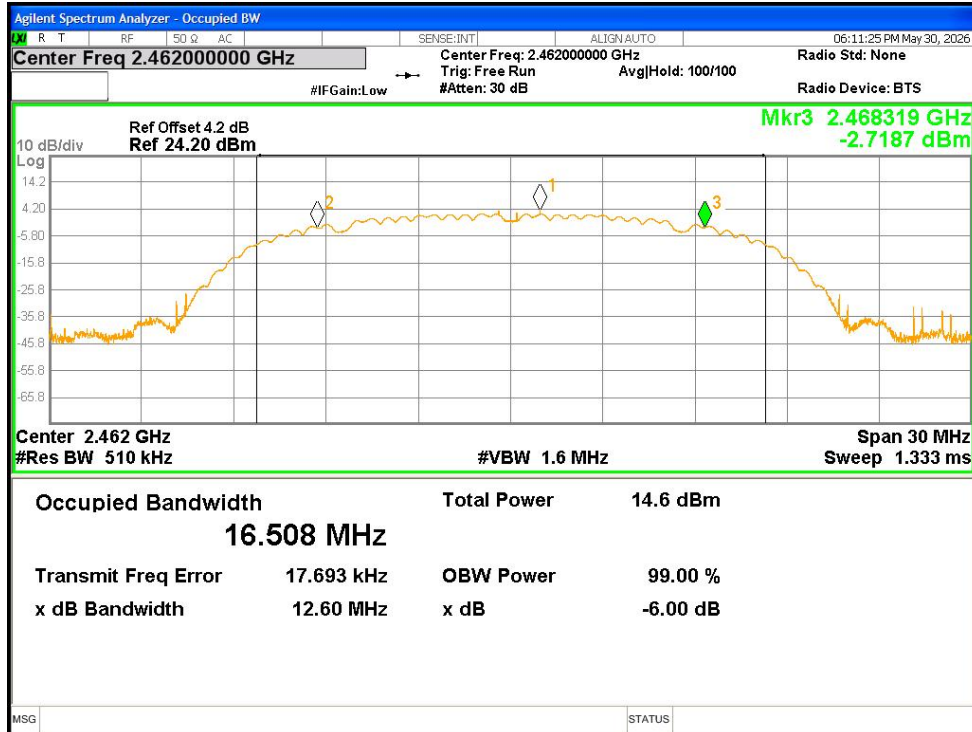
-6dB Bandwidth NVNT b 2412MHz Ant1



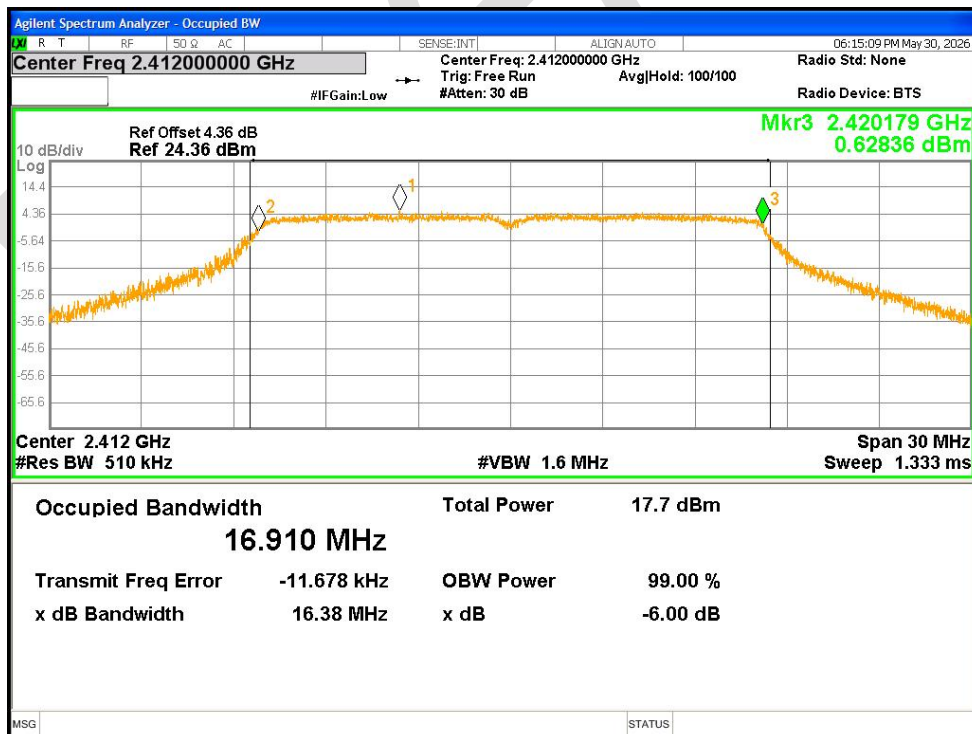
-6dB Bandwidth NVNT b 2437MHz Ant1



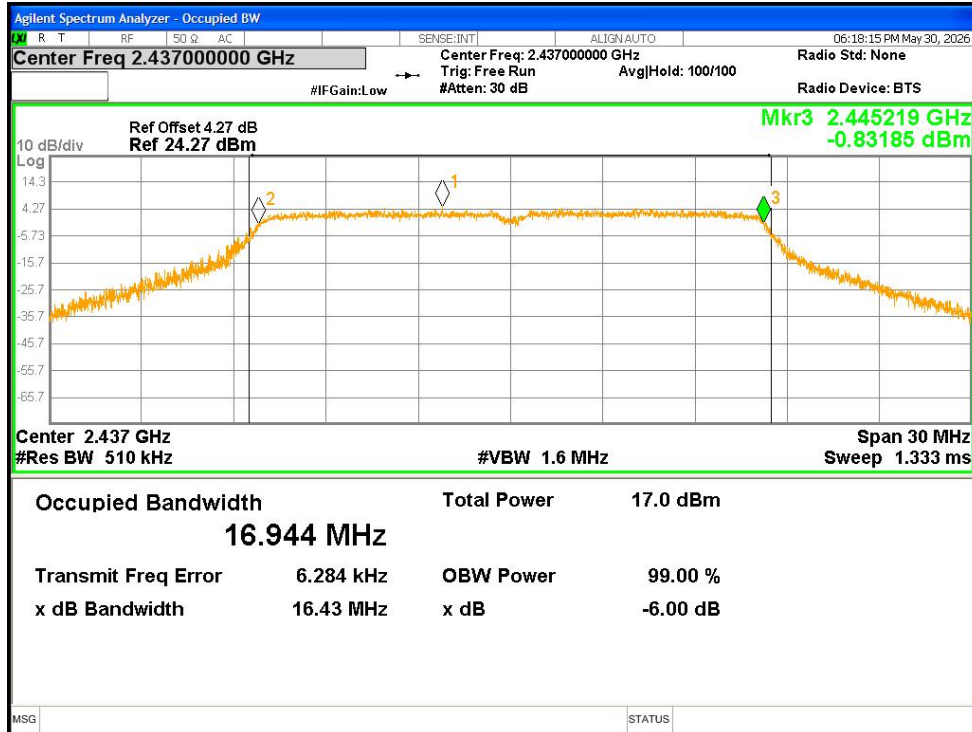
-6dB Bandwidth NVNT b 2462MHz Ant1



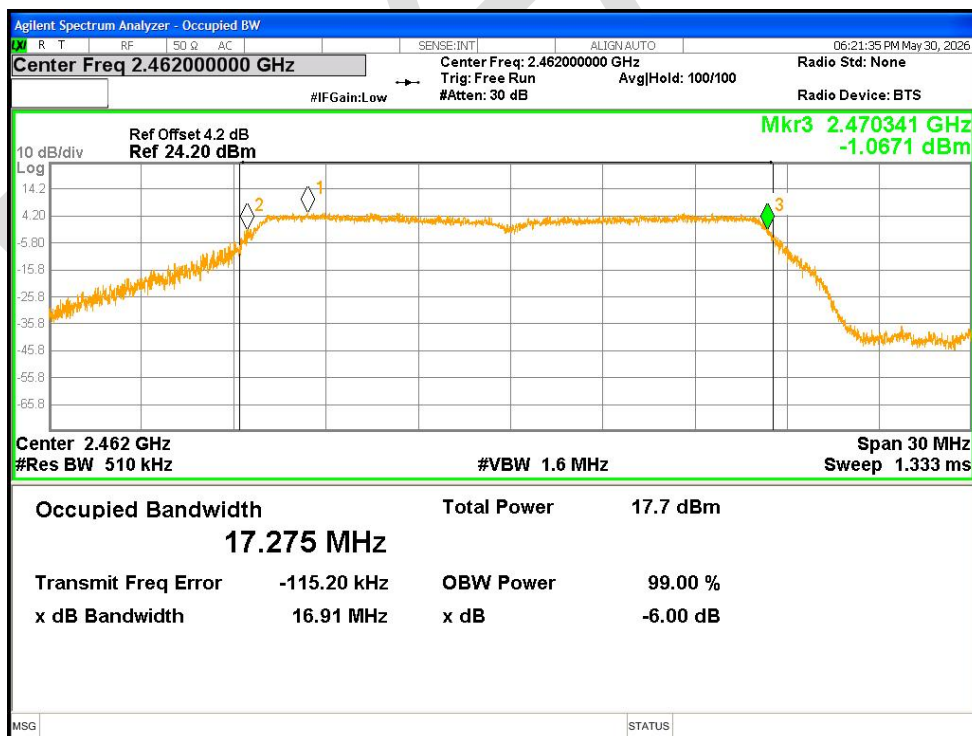
-6dB Bandwidth NVNT g 2412MHz Ant1



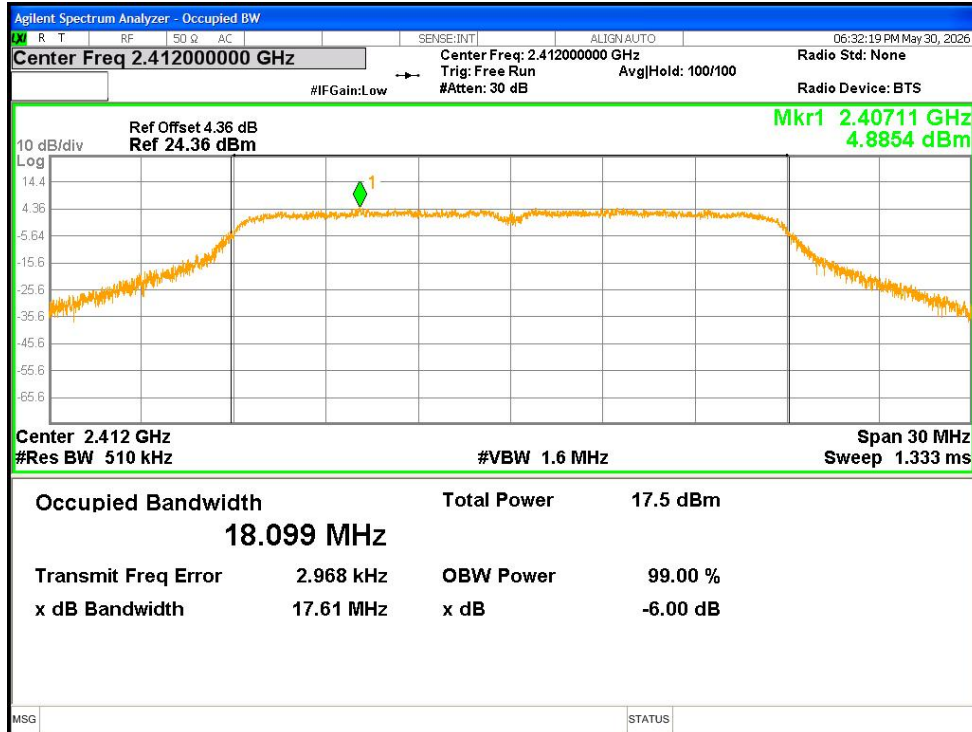
-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1

