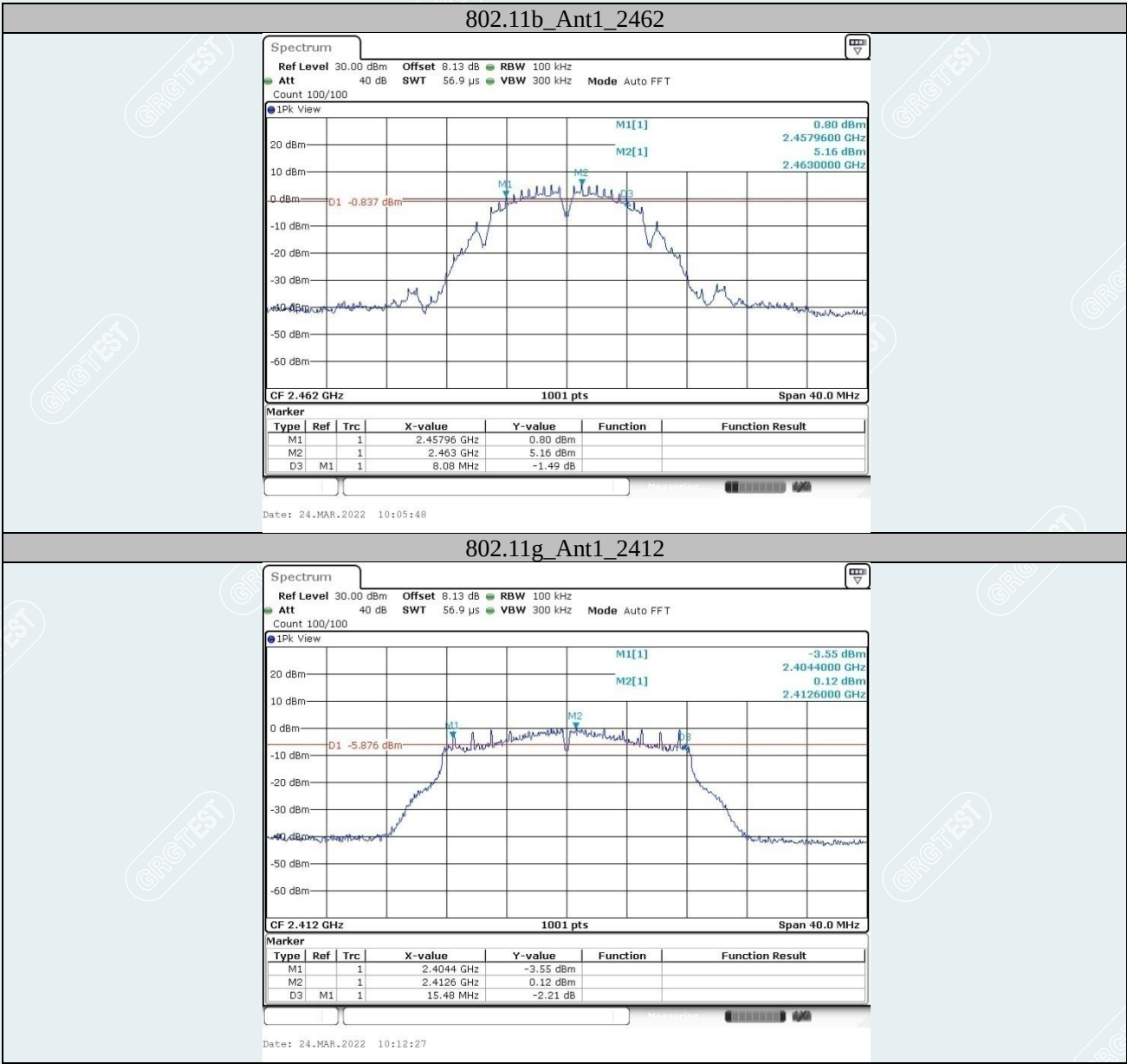
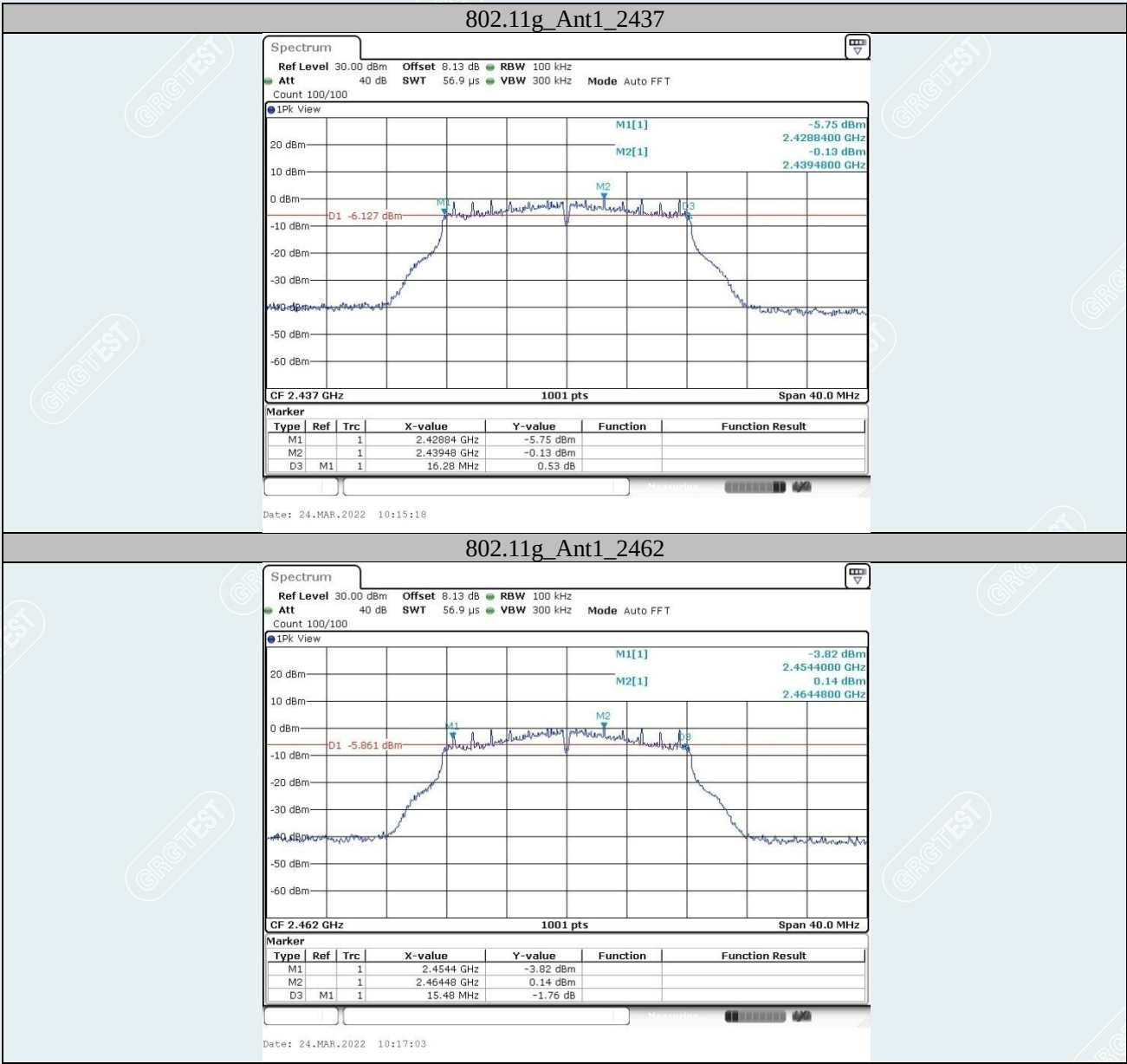
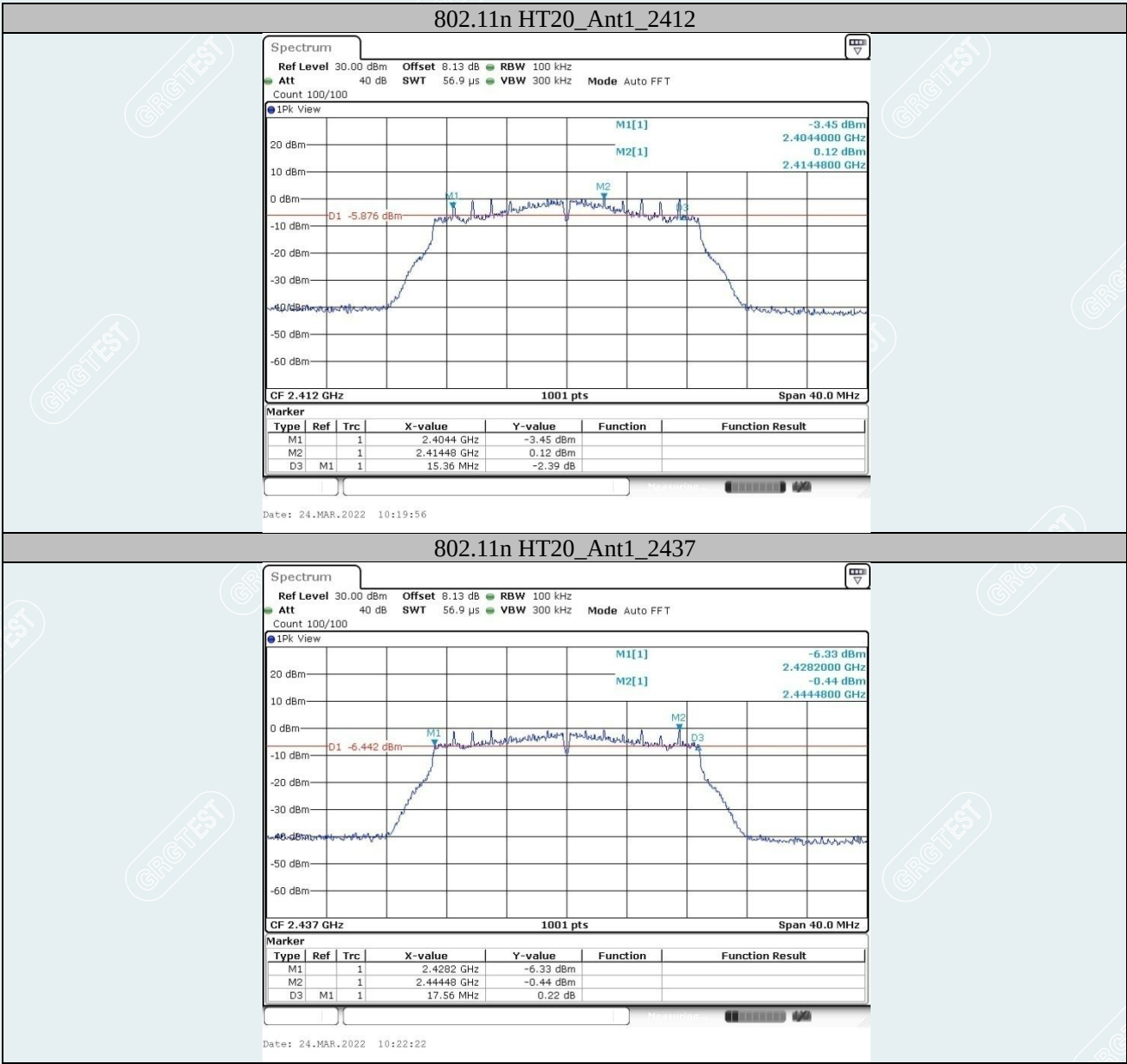










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8. MAXIMUM PEAK OUTPUT POWER

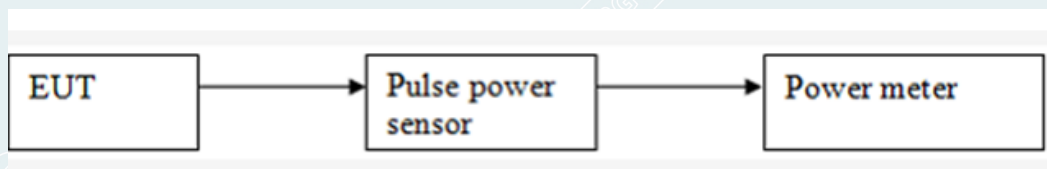
8.1 LIMITS

The maximum Peak output power measurement is 1W

8.2 TEST PROCEDURES

- 1) RF output of EUT was connected to the broadband peak RF power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 2) Set to the maximum power setting and enable the EUT transmit continuously.
- 3) Measure the conducted output power and record the results in the test report.

8.3 TEST SETUP



----- The following blanks -----

8.4 TEST RESULT

Environment: 23.5°C/48%RH
 Tested By:Lu Wei

Voltage:DC 3.85V
 Date: 2022-03-12

802.11b Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	17.32	Peak	30dBm	Pass
6	2437	17.35			Pass
11	2462	17.09			Pass

802.11g Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	22.97	Peak	30dBm	Pass
6	2437	23.05			Pass
11	2462	23.02			Pass

802.11n HT20 Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak/ AVG	Limit	Result
1	2412	22.74	Peak	30dBm	Pass
6	2437	22.43			Pass
11	2462	22.54			Pass

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9. POWER SPECTRAL DENSITY

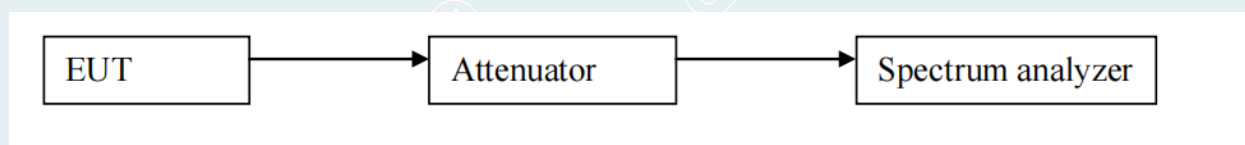
9.1 LIMITS

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.

9.2 TEST PROCEDURES

- 1) Remove the antenna from the EUT, and then connect a low loss RF cable from antenna port to the spectrum analyzer.
- 2) Position the EUT was set without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 3) 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:
 - a) Set analyzer center frequency to DTS channel center frequency.
 - b) Set the span to 1.5 times the DTS bandwidth.
 - c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
 - d) Set the VBW $\geq [3 \times \text{RBW}]$.
 - e) Detector = peak
 - f) Sweep time = auto couple.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - i) Use the peak marker function to determine the maximum amplitude level within the RBW.
 - j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.
- 4) Repeat above procedures until all frequencies measured were complete.

9.3 TEST SETUP



----- The following blanks -----

9.4 TEST RESULTS

Environment: 23.5°C/48%RH

Tested By:Lu Wei

Voltage:DC 3.85V

Date: 2022-03-24

802.11b Mode:

Channel No.	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-17.69	8.00	Pass
6	2437	-17.86	8.00	Pass
11	2462	-18.10	8.00	Pass

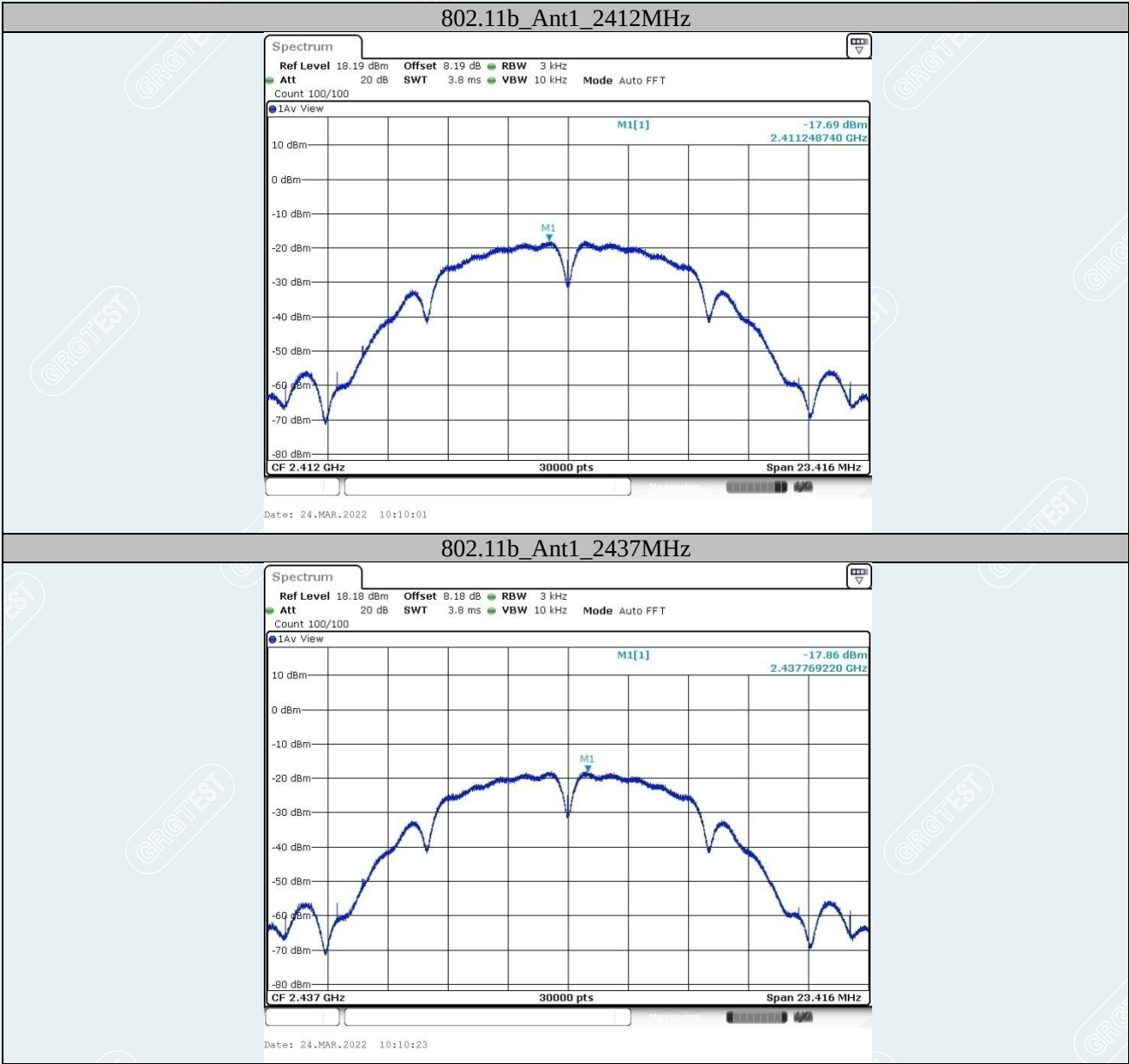
802.11g Mode:

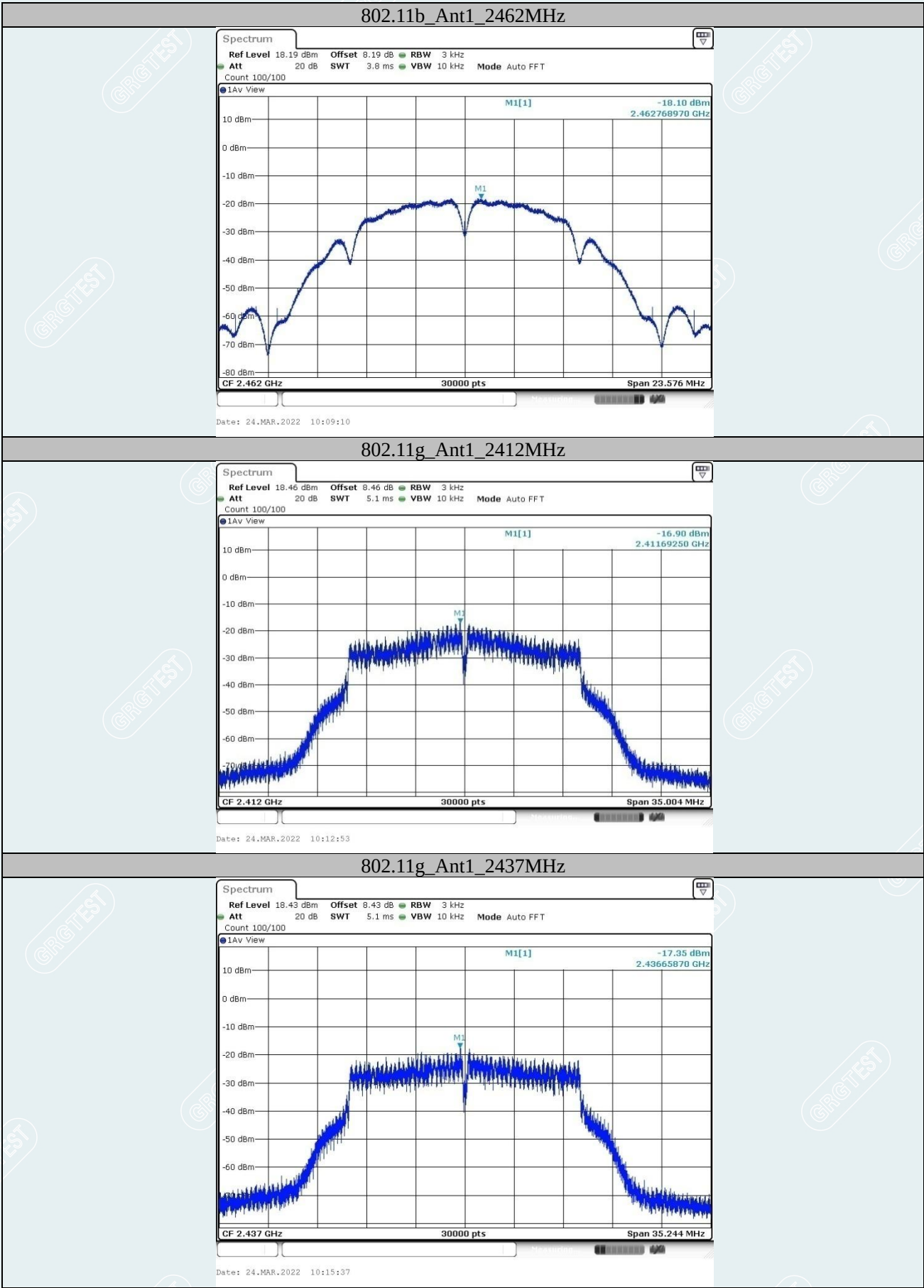
Channel No.	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-16.90	8.00	Pass
6	2437	-17.35	8.00	Pass
11	2462	-16.96	8.00	Pass

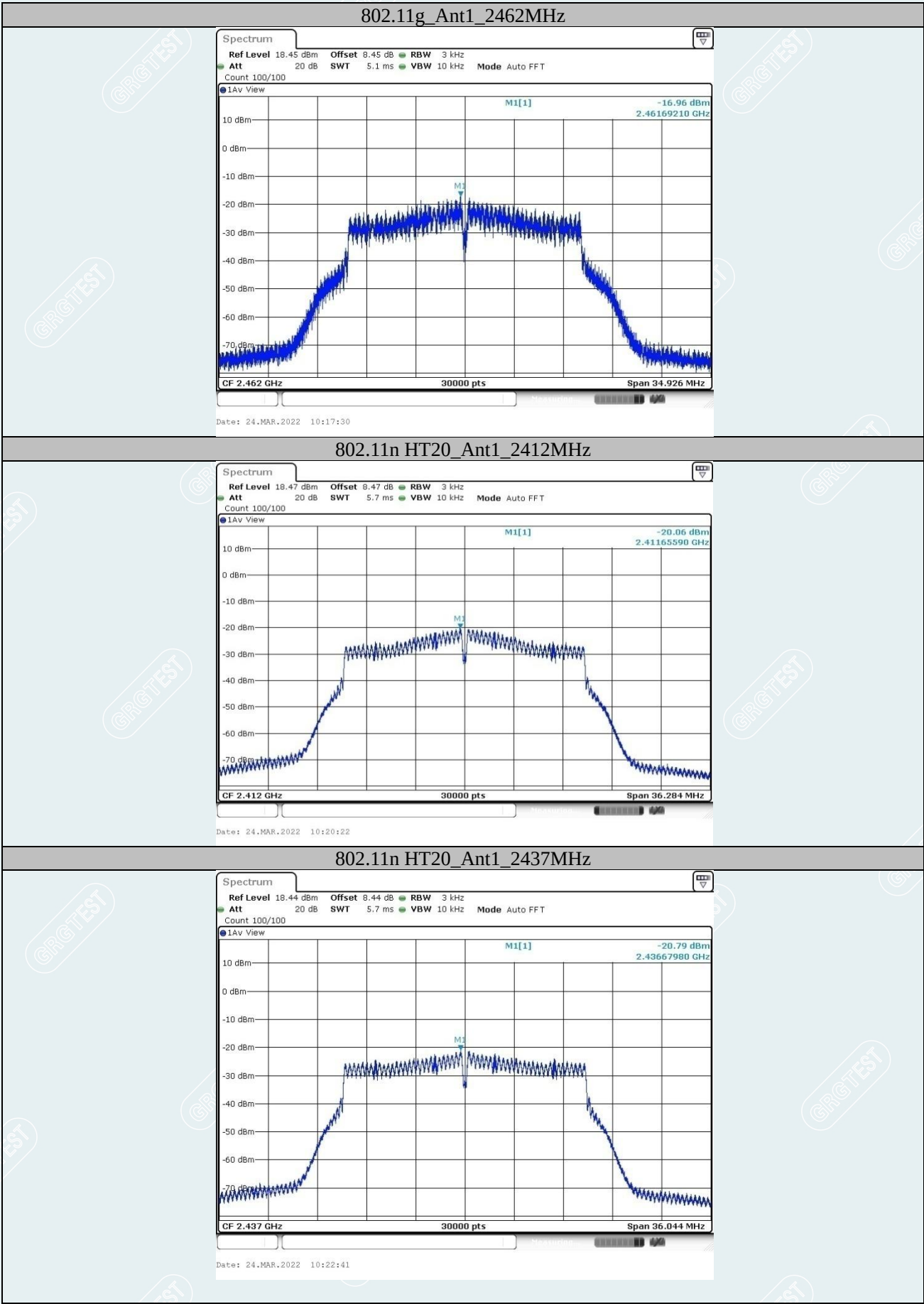
802.11n HT20 Mode:

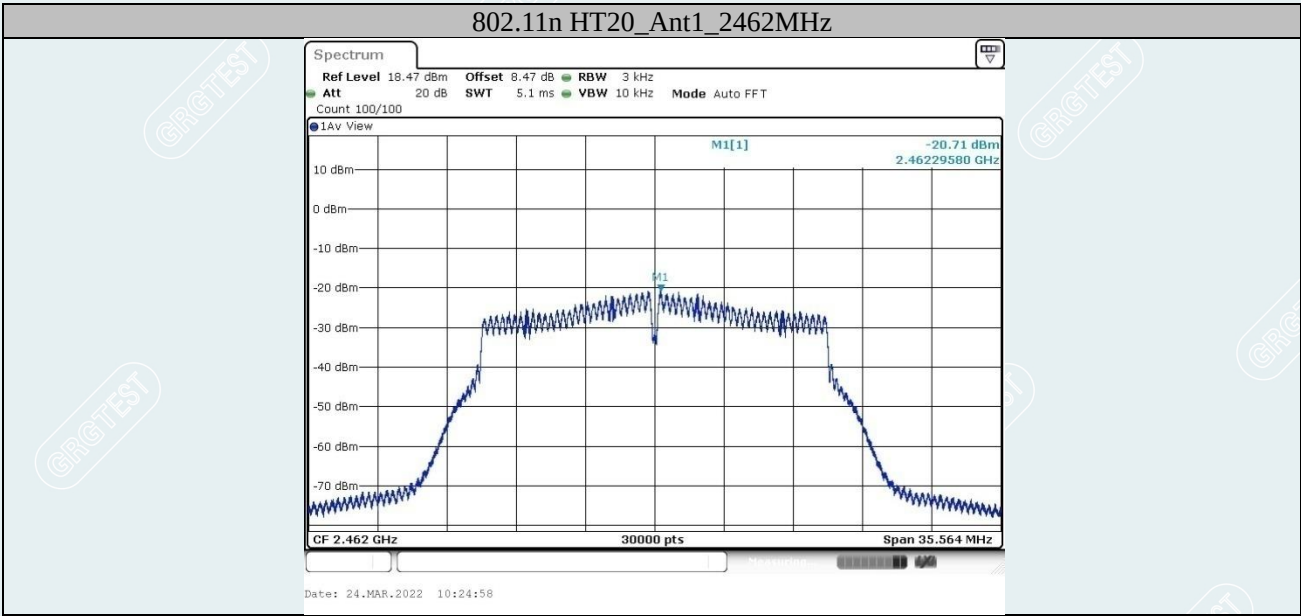
Channel No.	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-20.06	8.00	Pass
6	2437	-20.79	8.00	Pass
11	2462	-20.71	8.00	Pass

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10. CONDUCTED BAND EDGES AND SPURIOUS EMISSIONS

10.1 LIMITS

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.

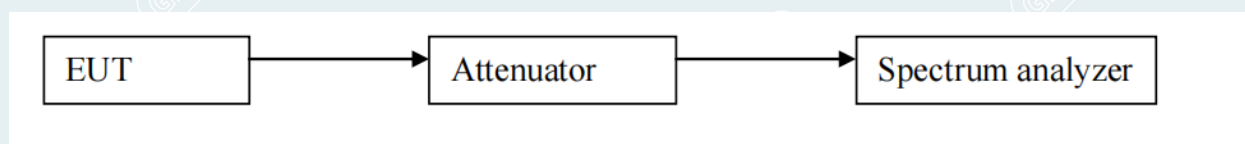
10.2 TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Measurement Guidance.

Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.

- 1) Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.
- 2) Set the spectrum analyzer: RBW =100kHz; VBW =300kHz, Frequency range = 30MHz to 26.5GHz; Sweep = auto; Detector Function = Peak; Trace = Max hold.
- 3) Measure and record the results in the test report.
- 4) The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

10.3 TEST SETUP



----- The following blanks -----

10.4 TEST RESULTS

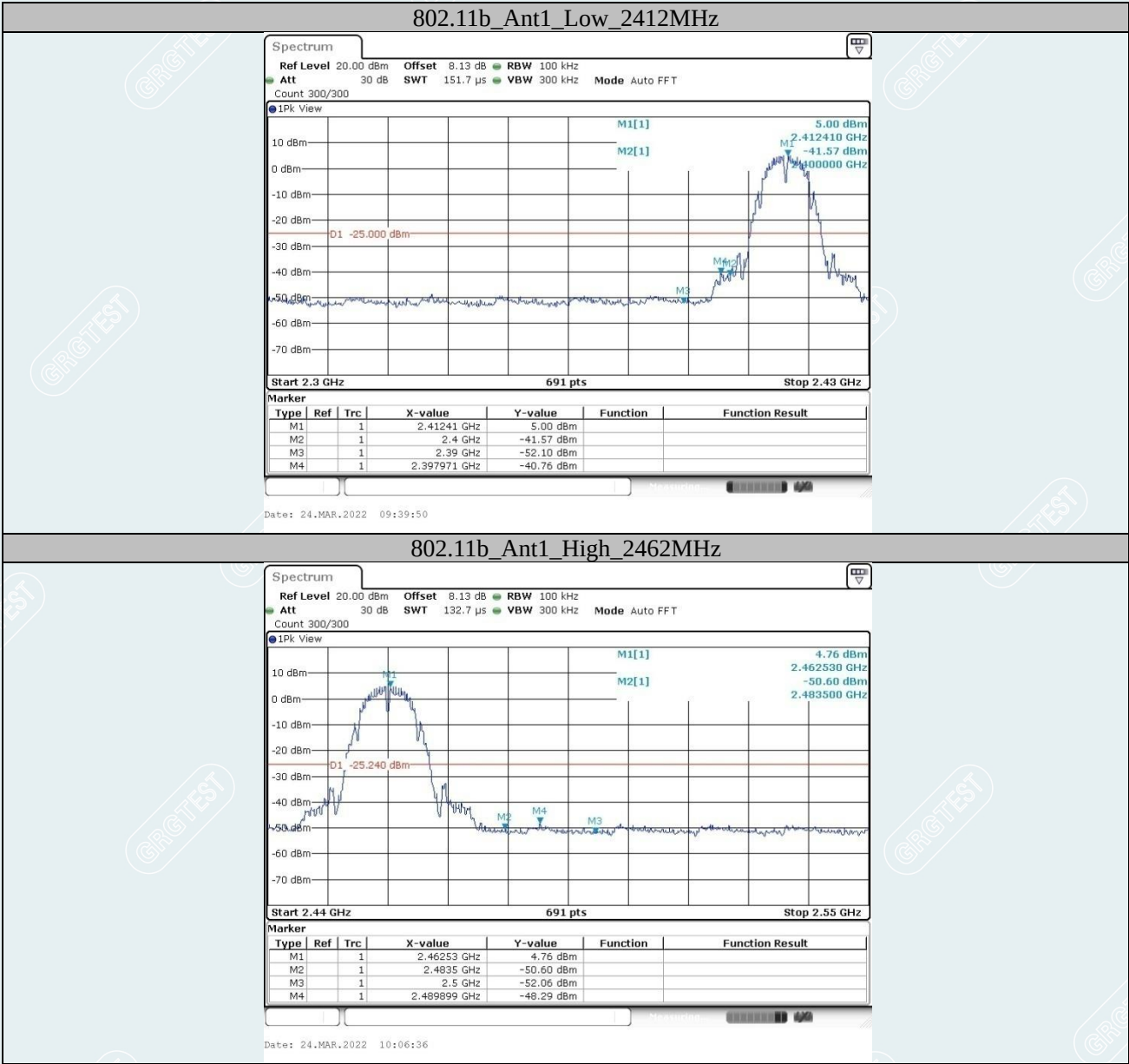
Environment: 23.5℃/48%RH
Tested By:Lu Wei

Voltage:DC 3.85V
Date: 2022-03-24

Band edge

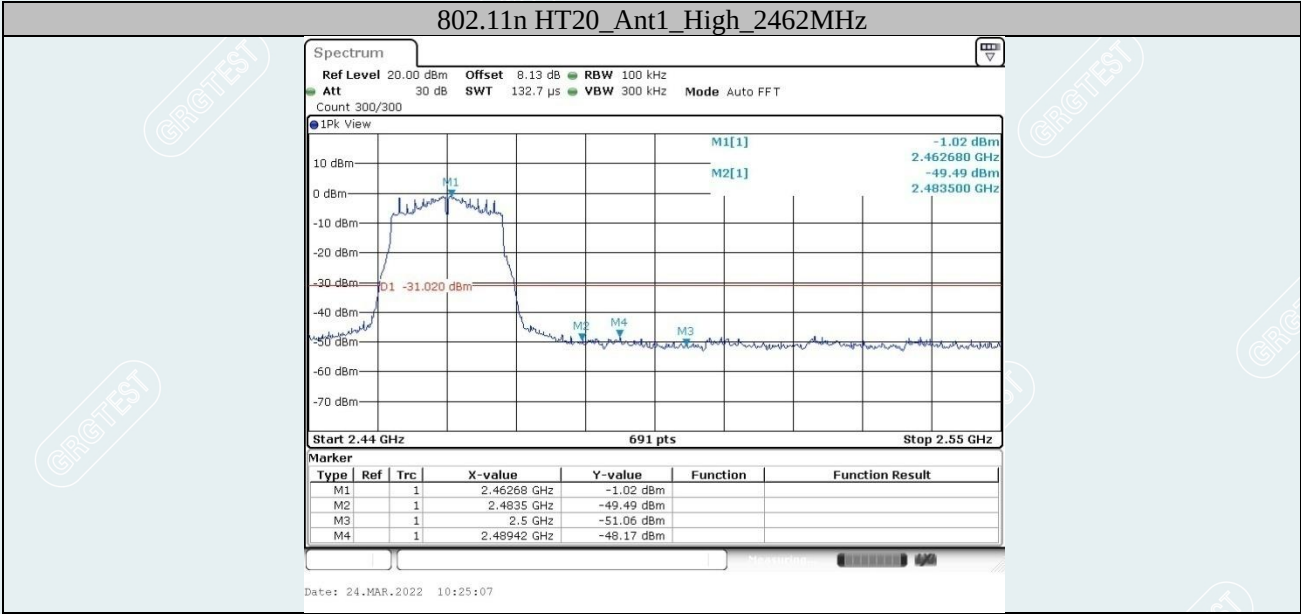
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
802.11b	Ant1	Low	2412	5.00	-40.76	≤-25	PASS
		High	2462	4.76	-48.29	≤-25.24	PASS
802.11g	Ant1	Low	2412	-0.04	-41.71	≤-30.04	PASS
		High	2462	0.06	-47.88	≤-29.94	PASS
802.11n HT20	Ant1	Low	2412	0.14	-40.66	≤-29.86	PASS
		High	2462	-1.02	-48.17	≤-31.02	PASS

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Conducted Spurious Emission:

Test Result

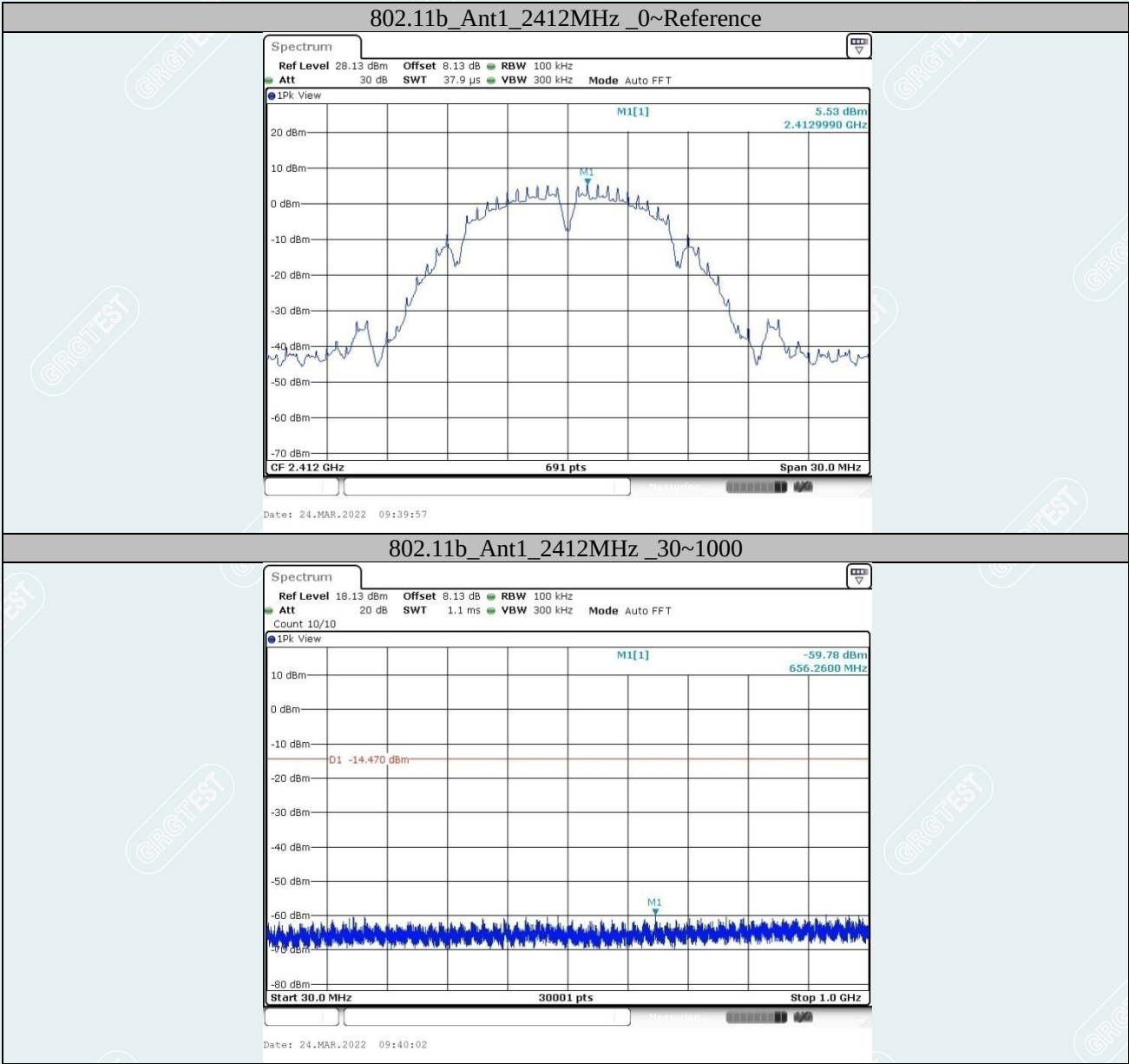
Environment: 23.5°C/48%RH

Tested By:Lu Wei

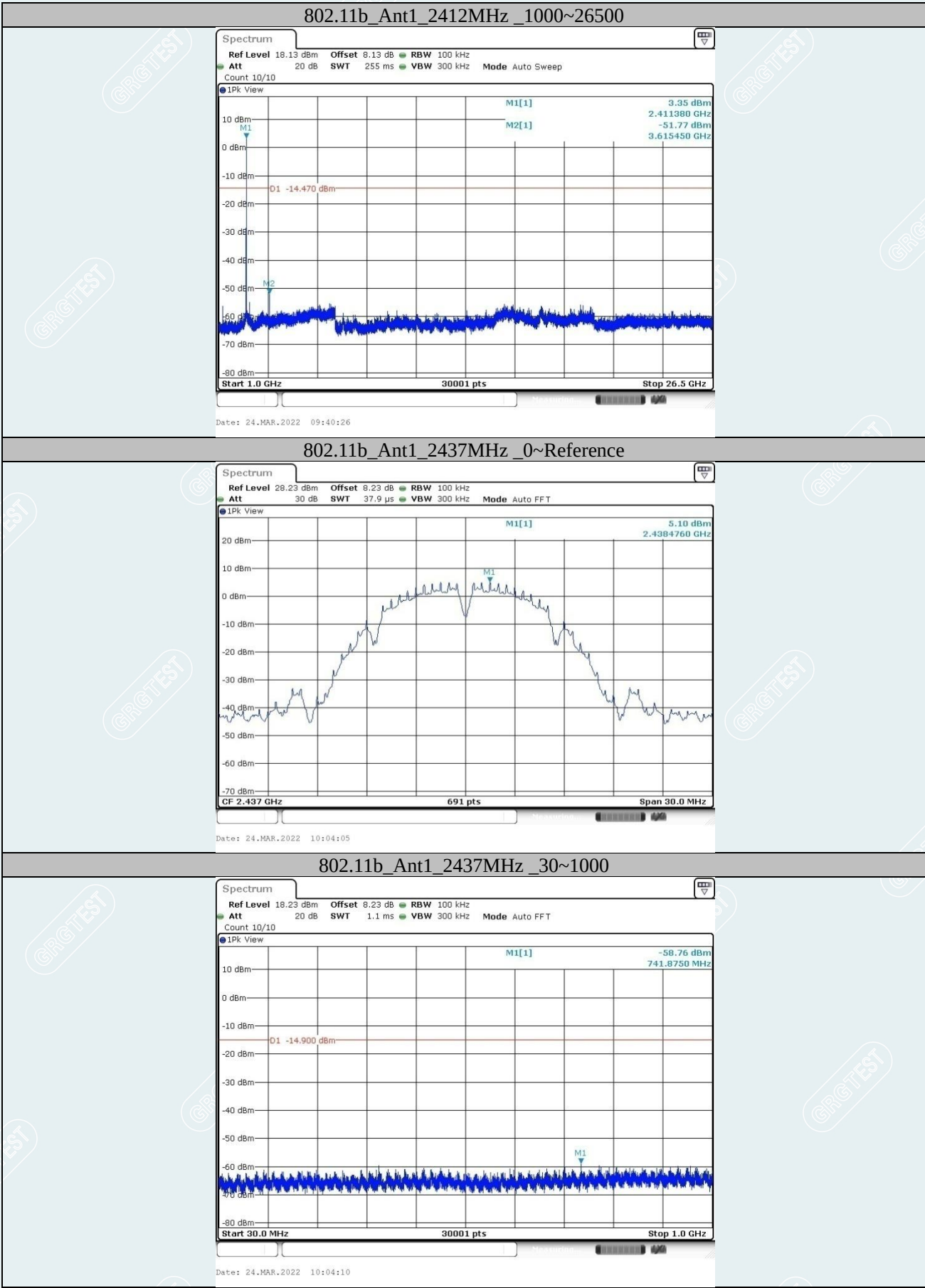
Voltage:DC 3.85V

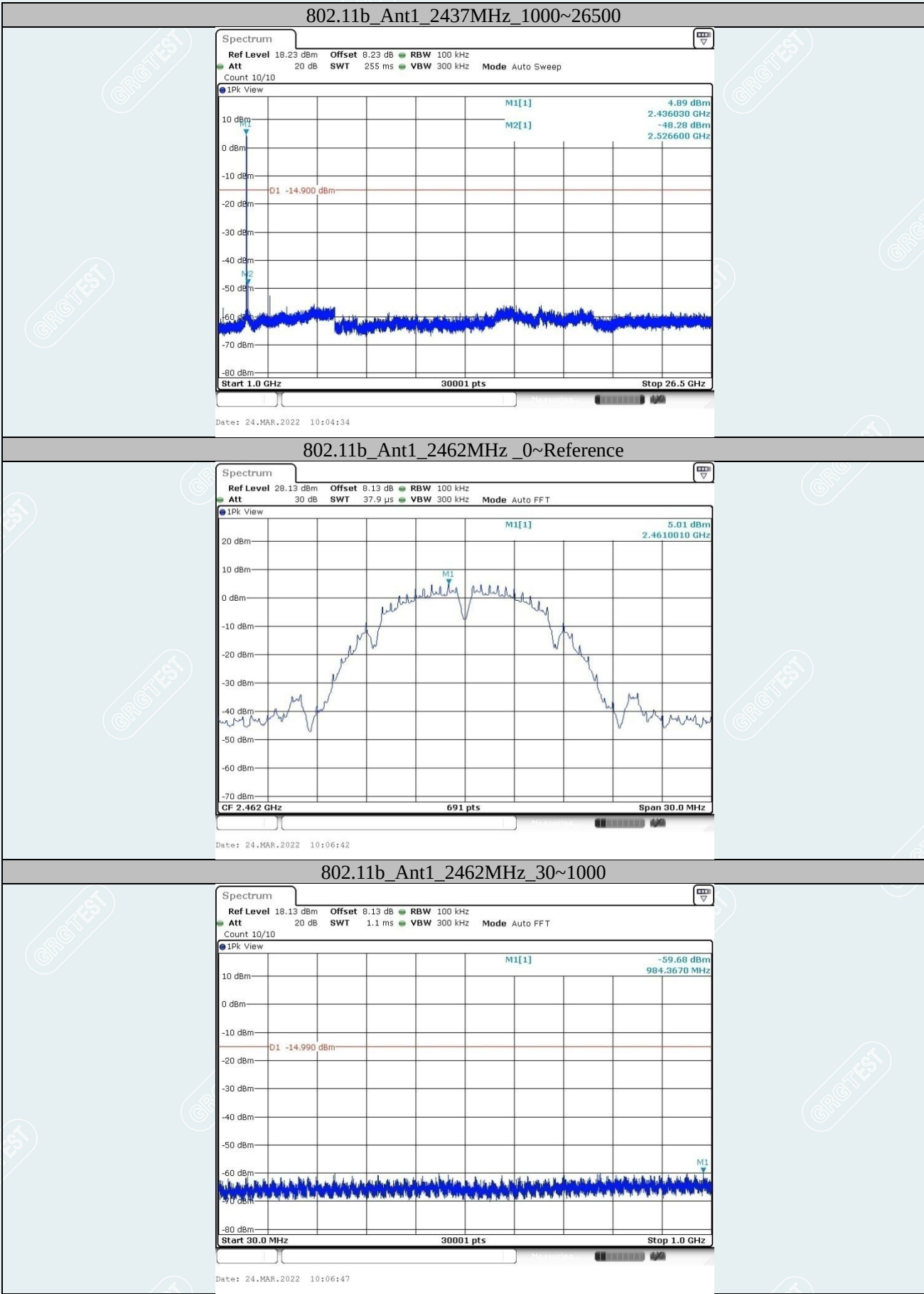
Date: 2022-03-24

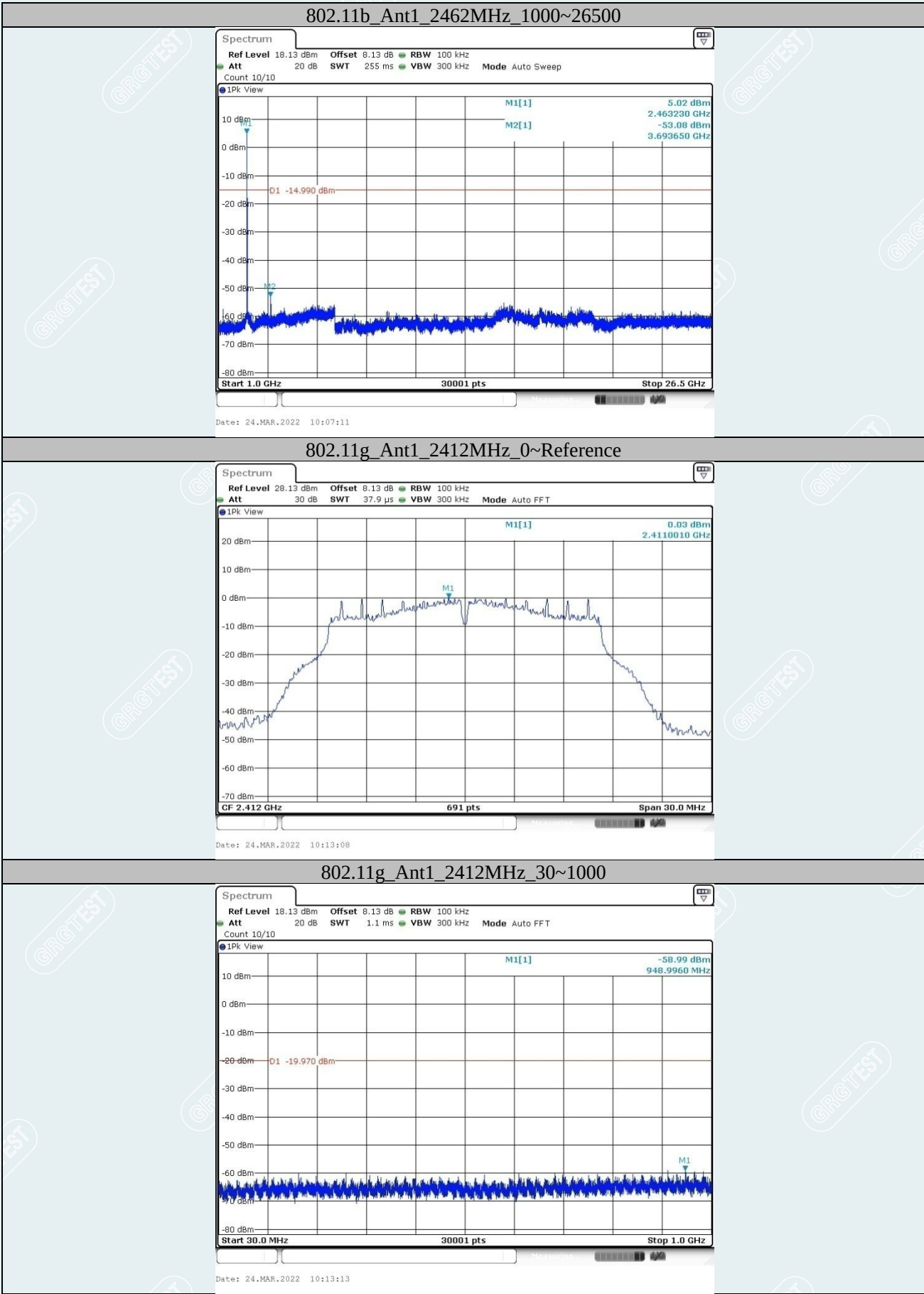
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
802.11b	Ant1	2412	Reference	5.53	5.53	---	PASS
			30~1000	5.53	-59.78	≤-14.47	PASS
			1000~26500	5.53	-51.77	≤-14.47	PASS
		2437	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-58.76	≤-14.9	PASS
			1000~26500	5.10	-48.28	≤-14.9	PASS
		2462	Reference	5.01	5.01	---	PASS
			30~1000	5.01	-59.68	≤-14.99	PASS
			1000~26500	5.01	-53.08	≤-14.99	PASS
802.11g	Ant1	2412	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-58.99	≤-19.97	PASS
			1000~26500	0.03	-54.46	≤-19.97	PASS
		2437	Reference	-0.11	-0.11	---	PASS
			30~1000	-0.11	-59.57	≤-20.11	PASS
			1000~26500	-0.11	-54.61	≤-20.11	PASS
		2462	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-58.57	≤-19.87	PASS
			1000~26500	0.13	-55.17	≤-19.87	PASS
802.11n HT20	Ant1	2412	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-59.11	≤-19.87	PASS
			1000~26500	0.13	-54.19	≤-19.87	PASS
		2437	Reference	-0.03	-0.03	---	PASS
			30~1000	-0.03	-59.32	≤-20.03	PASS
			1000~26500	-0.03	-54.74	≤-20.03	PASS
		2462	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-59.84	≤-19.87	PASS
			1000~26500	0.13	-55.19	≤-19.87	PASS



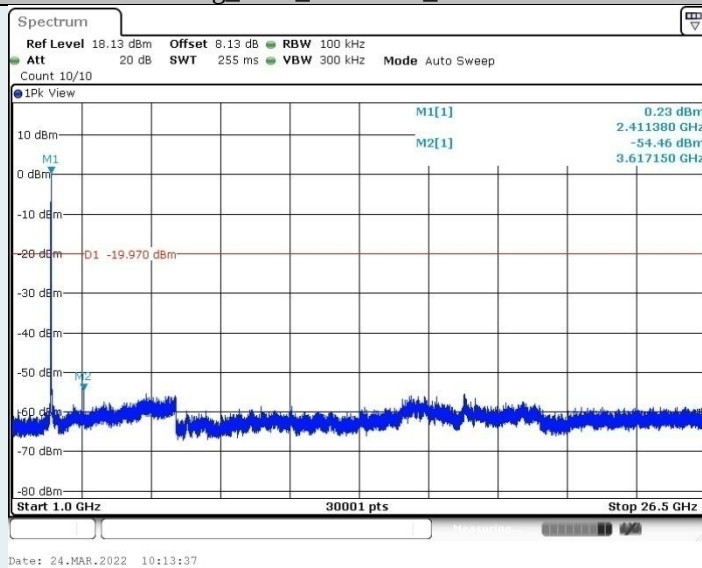
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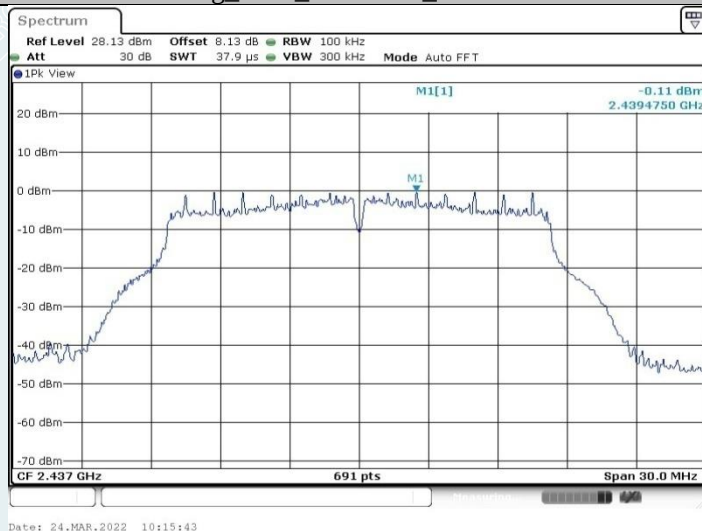




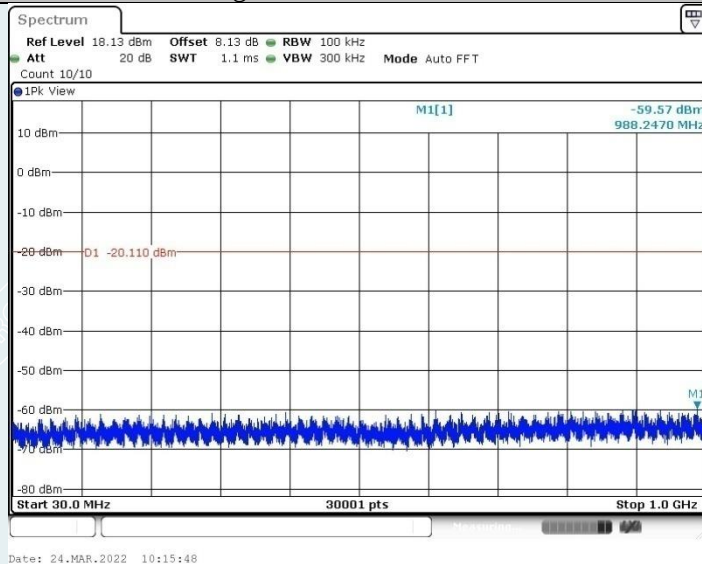
802.11g_Ant1_2412MHz_1000~26500

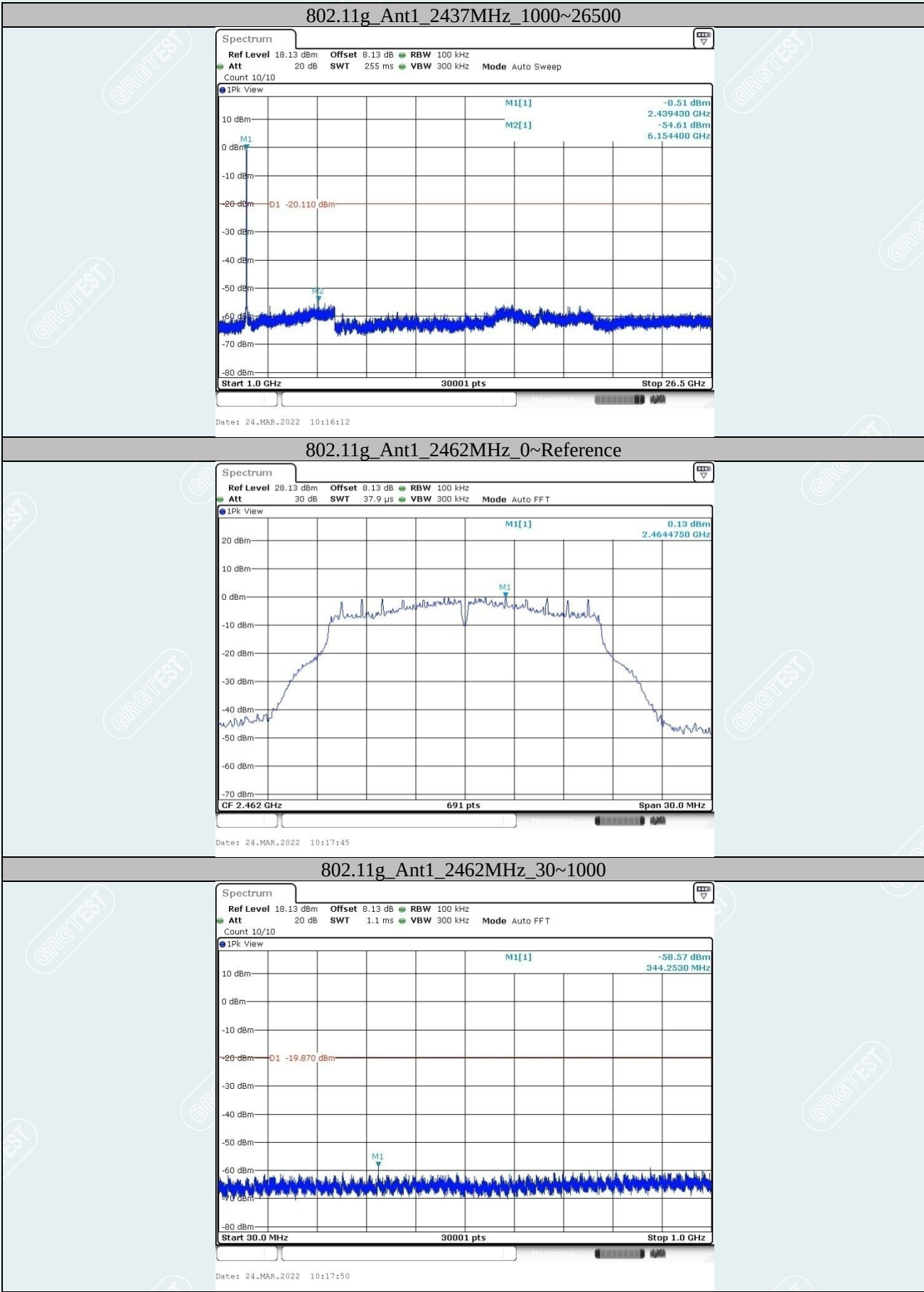


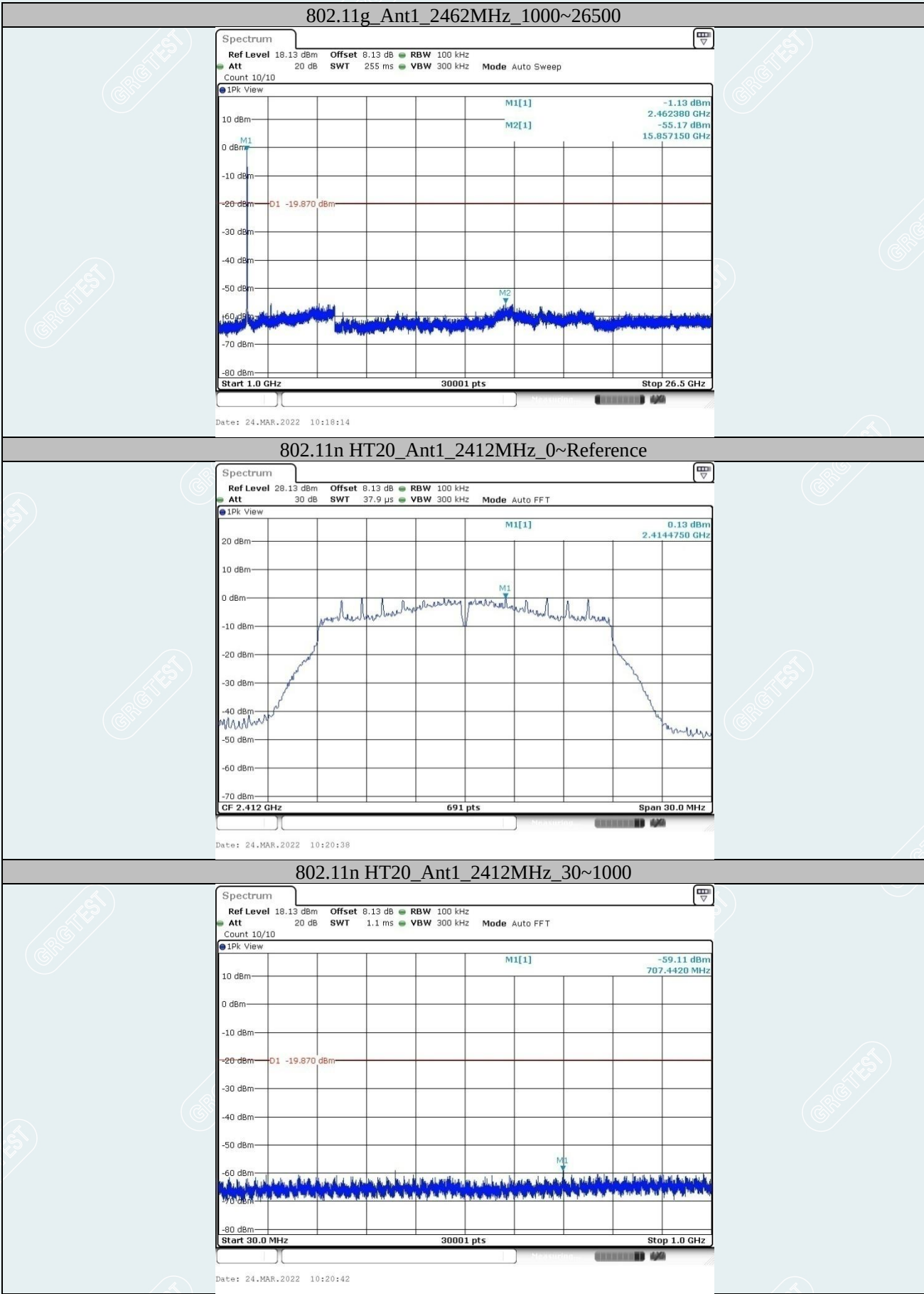
802.11g_Ant1_2437MHz_0~Reference

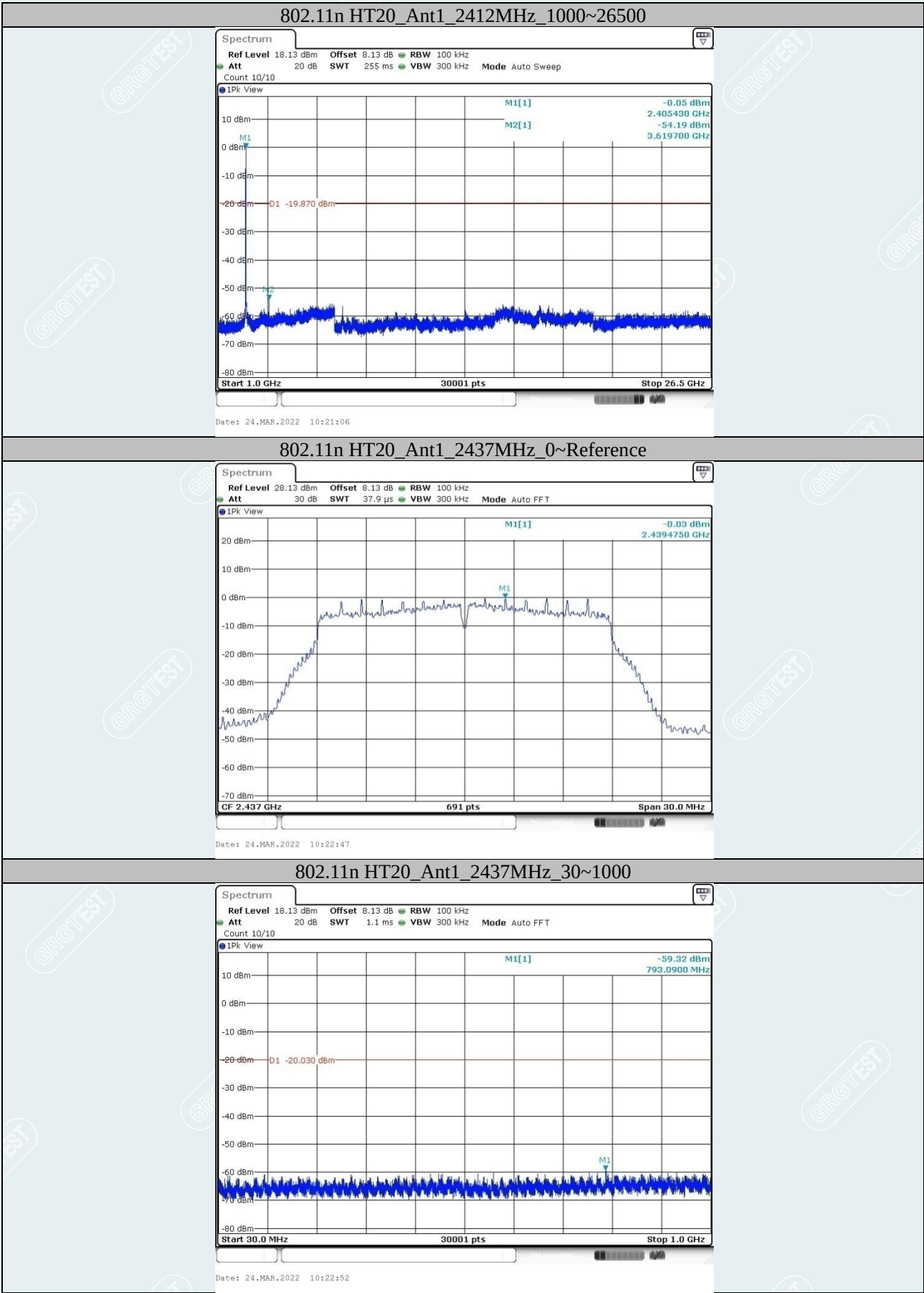


802.11g_Ant1_2437MHz_30~1000

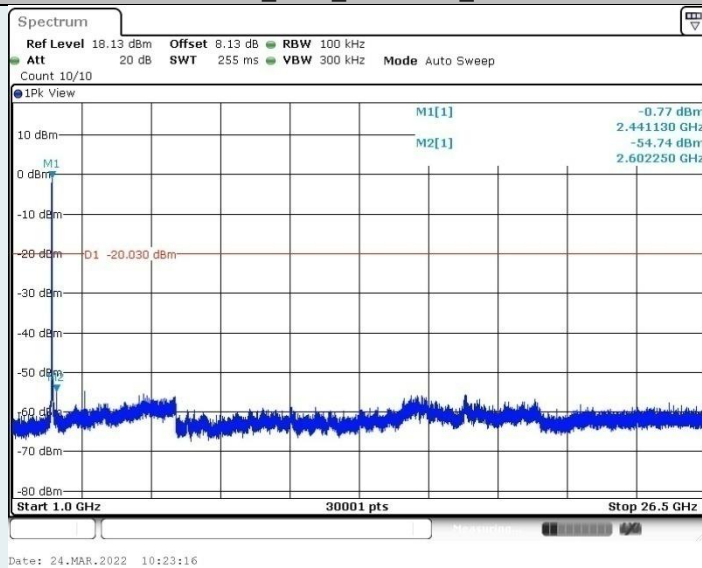




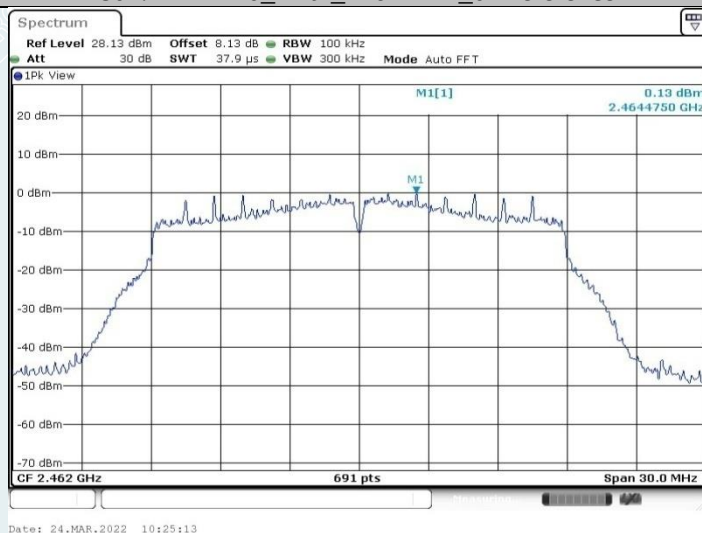




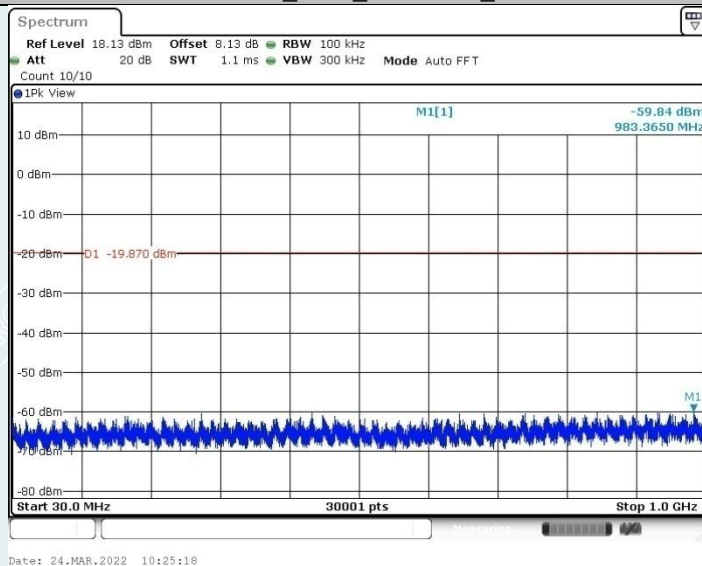
802.11n HT20_Ant1_2437MHz_1000~26500

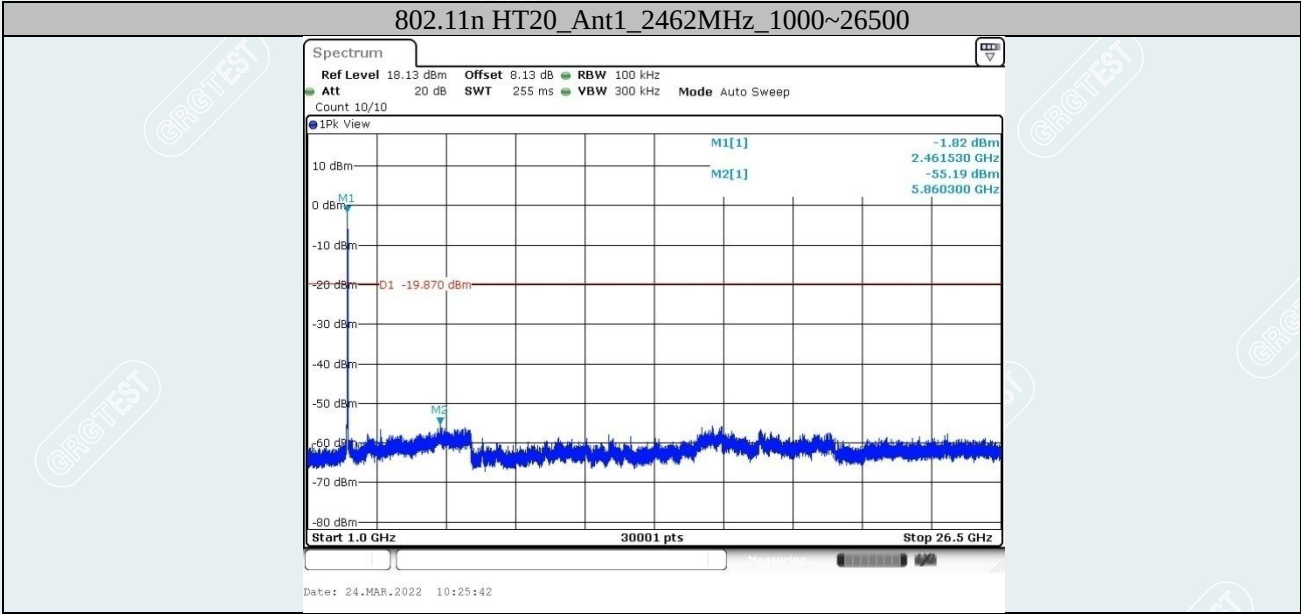


802.11n HT20_Ant1_2462MHz_0~Reference



802.11n HT20_Ant1_2462MHz_30~1000





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11. RESTRICTED BANDS OF OPERATION

11.1 LIMITS

Section 15.247(d) 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)).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	
13.36 - 13.41			

Frequency (MHz)	Quasi-peak(μV/m)	Measurement distance(m)	Quasi-peak(dBμV/m)@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30~88	100	3	40
88~216	150	3	43.5
216~960	200	3	46
Above 960	500	3	54

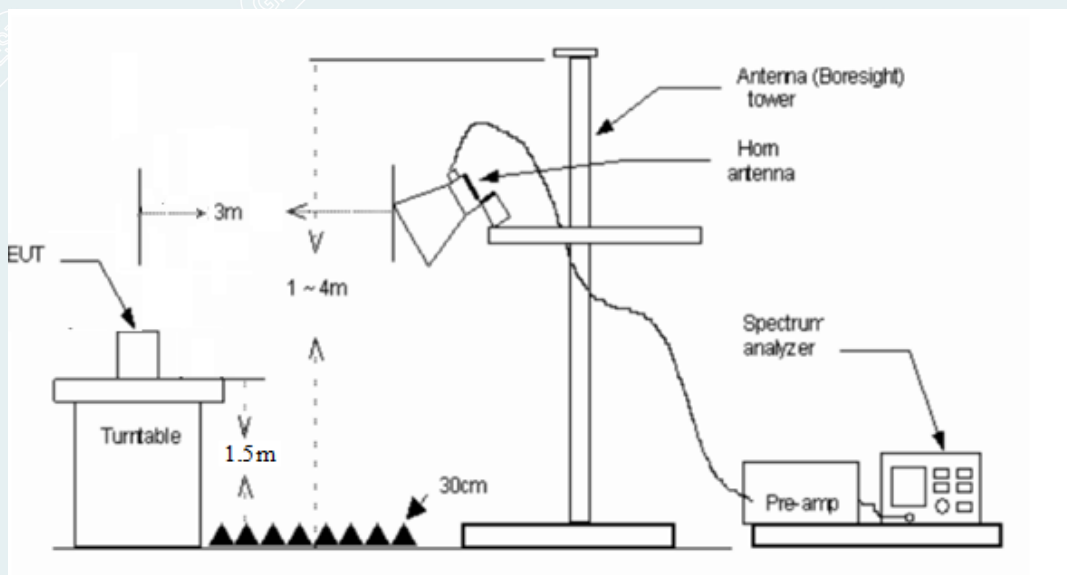
11.2 TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Measurement Guidance.

- 1) The EUT is placed on a turntable, which is 1.5m above the ground plane.
- 2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4) Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - a) PEAK: RBW=1MHz / VBW=1MHz / Sweep=AUTO.
 - b) AVERAGE: RBW=1MHz / VBW=1/T / Sweep=AUTO.

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$, Where T is defined in section 2.9.
- 5) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

11.3 TEST SETUP



----- The following blanks -----

11.4 TEST RESULTS

Pre-scanned in three orthogonal panels,X,Y,Z.The worst cases mode (Z plane) were recorded in this report.

802.11b mode

Lowest Channel

Frequency 2412MHz

Environment: 25°C/60%RH

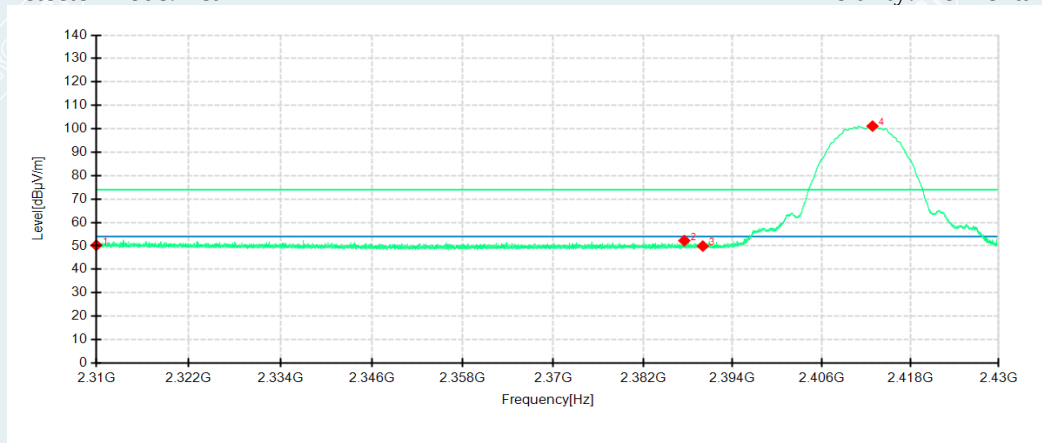
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

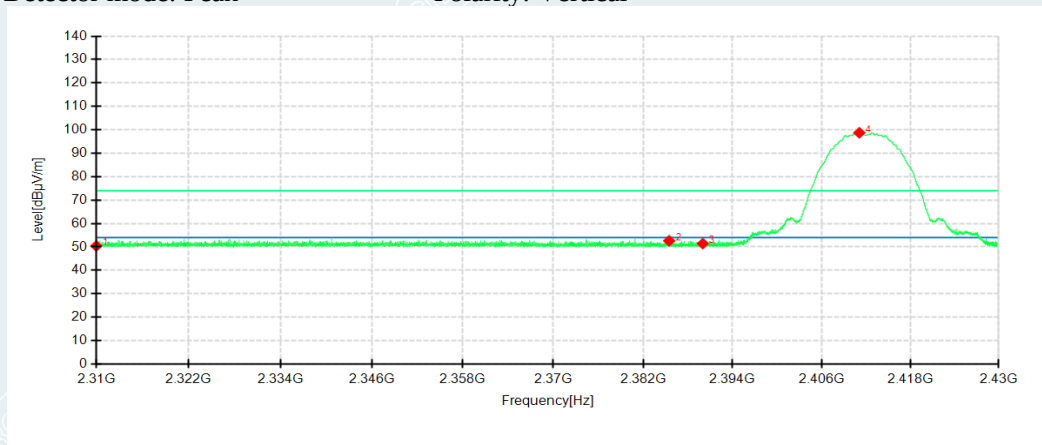
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	46.33	50.26	3.93	74.00	23.74	100	97	Horizontal	/
2	2387.5200	49.13	52.25	3.12	74.00	21.75	200	5	Horizontal	/
3	2390.0000	46.81	49.94	3.13	74.00	24.06	200	23	Horizontal	/
4	2412.8760	97.85	101.16	3.31	74.00	-27.16	200	133	Horizontal	No limit
1	2310.0000	45.88	50.39	4.51	74.00	23.61	100	40	Vertical	/
2	2385.4920	48.29	52.61	4.32	74.00	21.39	200	184	Vertical	/
3	2390.0000	47.13	51.40	4.27	74.00	22.60	100	114	Vertical	/
4	2411.0880	94.68	98.72	4.04	74.00	-24.72	200	254	Vertical	No limit

802.11b mode**Lowest Channel**

Frequency 2412MHz

Environment: 25°C/60%RH

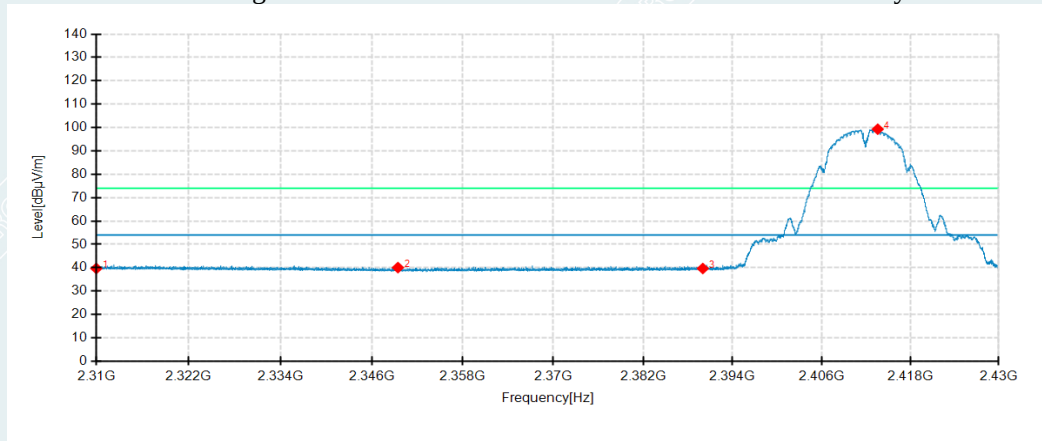
Tested By: Lu Qiang

Detector mode: Average

Voltage: DC 3.85V

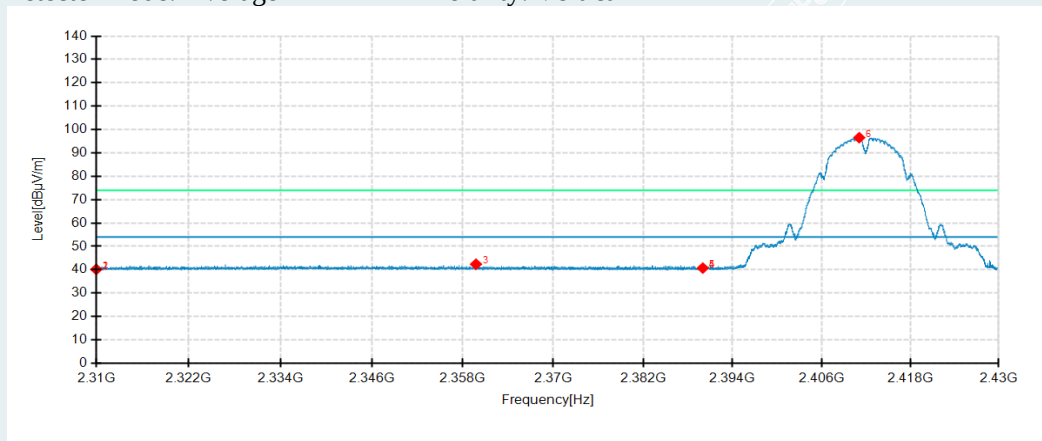
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	35.76	39.69	3.93	54.00	14.31	200	186	Horizontal	/
2	2349.4440	37.10	40.06	2.96	54.00	13.94	200	199	Horizontal	/
3	2390.0000	36.54	39.67	3.13	54.00	14.33	100	281	Horizontal	/
4	2413.5840	95.97	99.28	3.31	54.00	-45.28	200	138	Horizontal	No limit
1	2310.0000	35.64	40.15	4.51	54.00	13.85	100	322	Vertical	/
2	2359.7640	37.81	42.37	4.56	54.00	11.63	200	42	Vertical	/
3	2390.0000	36.44	40.71	4.27	54.00	13.29	200	280	Vertical	/
4	2411.0760	92.47	96.51	4.04	54.00	-42.51	200	248	Vertical	No limit

802.11b mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

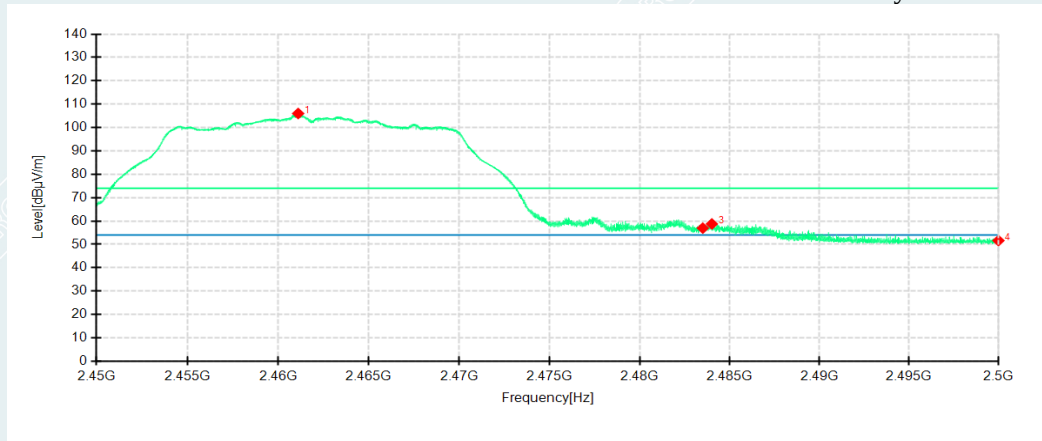
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

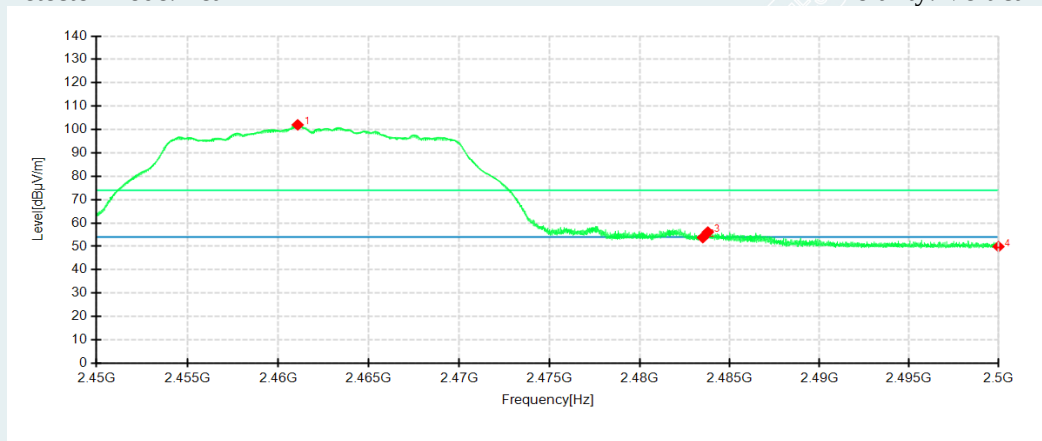
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2461.1000	102.10	105.99	3.89	74.00	-31.99	200	145	Horizontal	No limit
2	2483.5000	52.62	56.95	4.33	74.00	17.05	200	147	Horizontal	/
3	2484.0050	54.41	58.75	4.34	74.00	15.25	200	125	Horizontal	/
4	2500.0000	46.97	51.62	4.65	74.00	22.38	100	80	Horizontal	/
1	2461.0750	98.39	102.00	3.61	74.00	-28.00	200	256	Vertical	No limit
2	2483.5000	50.06	53.75	3.69	74.00	20.25	200	300	Vertical	/
3	2483.7800	52.42	56.11	3.69	74.00	17.89	200	234	Vertical	/
4	2500.0000	46.14	49.89	3.75	74.00	24.11	200	98	Vertical	/

802.11b mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

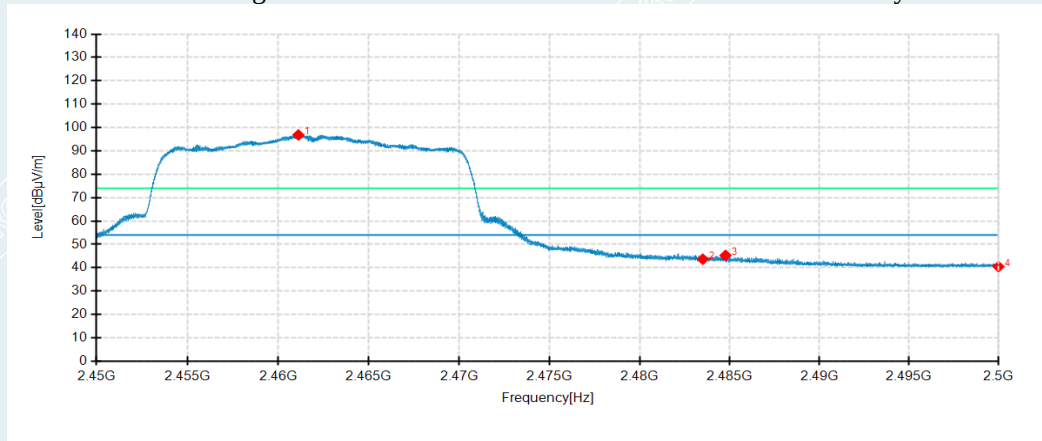
Tested By: Lu Qiang

Detector mode: Average

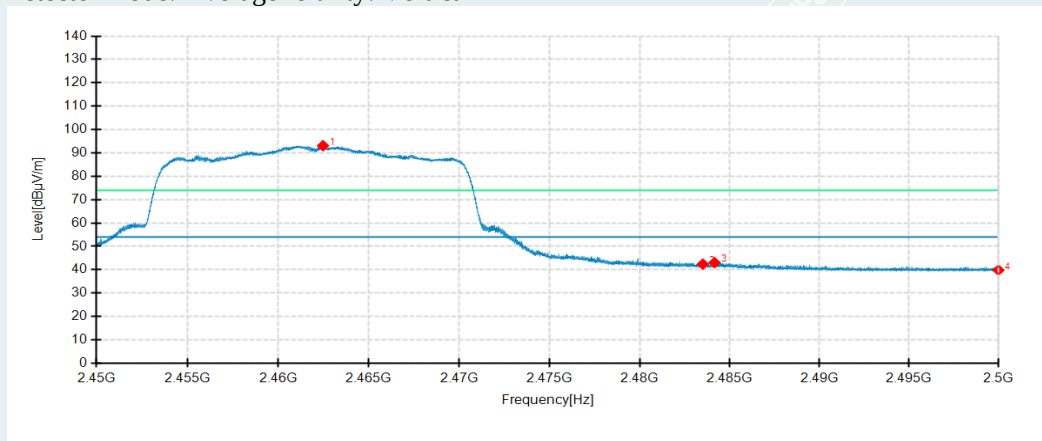
Voltage: DC 3.85V

Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2461.1100	92.93	96.82	3.89	54.00	-42.82	200	140	Horizontal	No limit
2	2483.5000	39.30	43.63	4.33	54.00	10.37	200	152	Horizontal	/
3	2484.7650	40.93	45.28	4.35	54.00	8.72	200	154	Horizontal	/
4	2500.0000	35.82	40.47	4.65	54.00	13.53	200	7	Horizontal	/
1	2462.4700	89.46	93.07	3.61	54.00	-39.07	200	254	Vertical	No limit
2	2483.5000	38.69	42.38	3.69	54.00	11.62	200	91	Vertical	/
3	2484.1500	39.36	43.05	3.69	54.00	10.95	200	227	Vertical	/
4	2500.0000	36.09	39.84	3.75	54.00	14.16	200	80	Vertical	/

802.11g mode**Lowest Channel**

Frequency 2412MHz

Environment: 25°C/60%RH

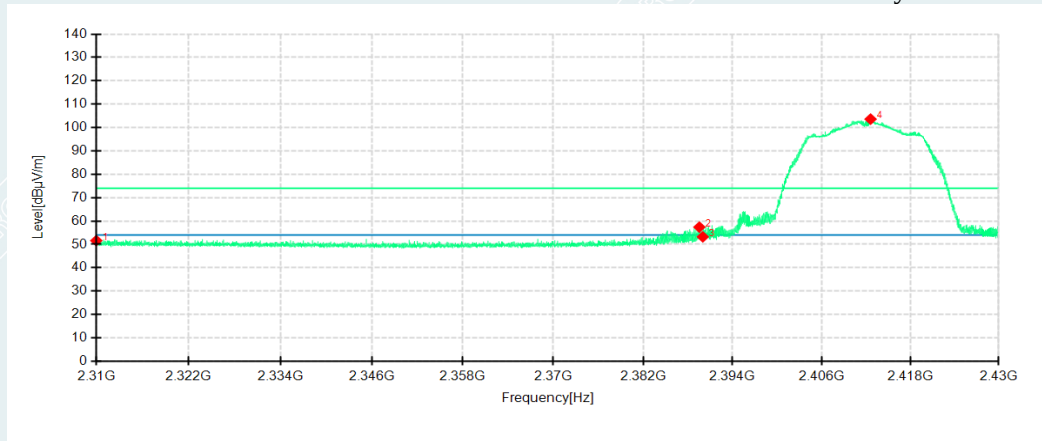
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

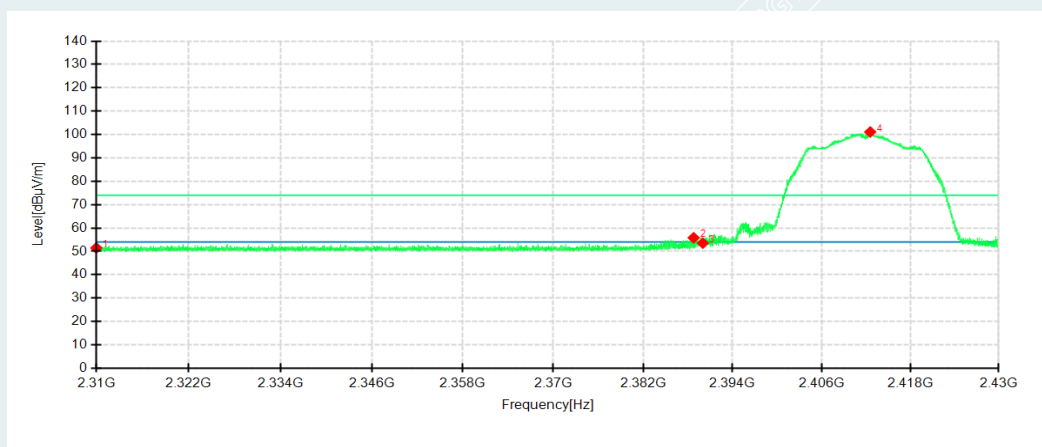
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	47.67	51.60	3.93	74.00	22.40	100	205	Horizontal	/
2	2389.5360	54.25	57.38	3.13	74.00	16.62	200	133	Horizontal	/
3	2390.0000	50.09	53.22	3.13	74.00	20.78	100	80	Horizontal	/
4	2412.6120	100.30	103.60	3.30	74.00	-29.60	200	135	Horizontal	No limit
1	2310.0000	46.96	51.47	4.51	74.00	22.53	200	91	Vertical	/
2	2388.7680	51.53	55.82	4.29	74.00	18.18	200	246	Vertical	/
3	2390.0000	49.25	53.52	4.27	74.00	20.48	200	257	Vertical	/
4	2412.5640	97.07	101.10	4.03	74.00	-27.10	200	251	Vertical	No limit

802.11g mode**Lowest Channel**

Frequency 2412MHz

Environment: 25°C/60%RH

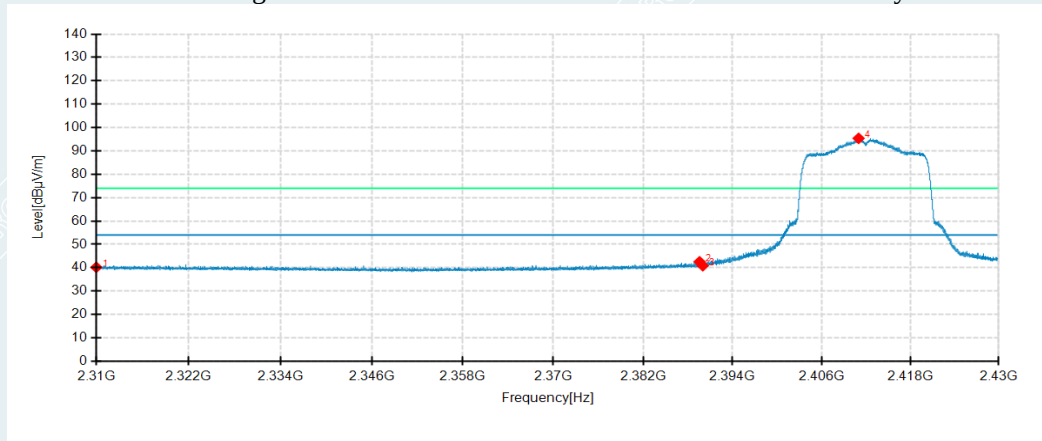
Tested By: Lu Qiang

Detector mode: Average

Voltage: DC 3.85V

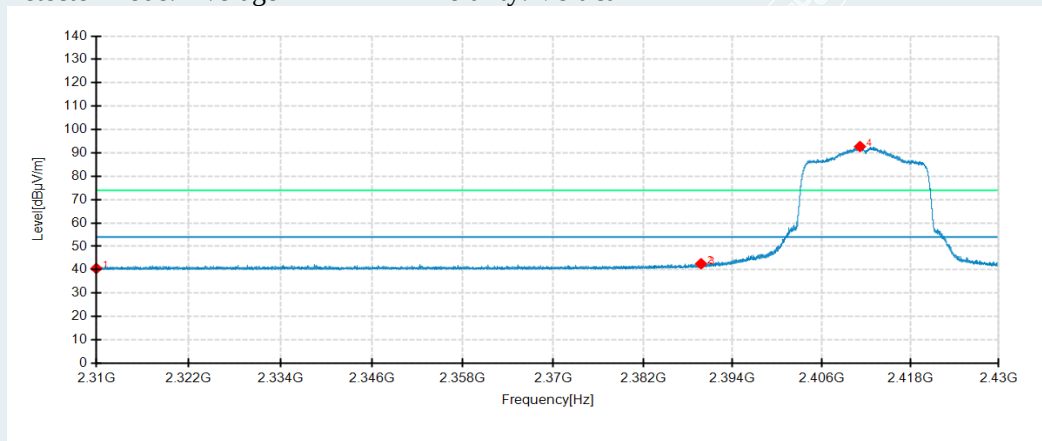
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	36.25	40.18	3.93	54.00	13.82	200	229	Horizontal	/
2	2389.5600	39.43	42.56	3.13	54.00	11.44	200	133	Horizontal	/
3	2390.0000	37.71	40.84	3.13	54.00	13.16	200	30	Horizontal	/
4	2410.9920	92.09	95.38	3.29	54.00	-41.38	200	130	Horizontal	No limit
1	2310.0000	36.01	40.52	4.51	54.00	13.48	200	198	Vertical	/
2	2389.7640	38.27	42.55	4.28	54.00	11.45	200	274	Vertical	/
3	2390.0000	37.84	42.11	4.27	54.00	11.89	100	250	Vertical	/
4	2411.1840	88.67	92.71	4.04	54.00	-38.71	200	252	Vertical	No limit

802.11g mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

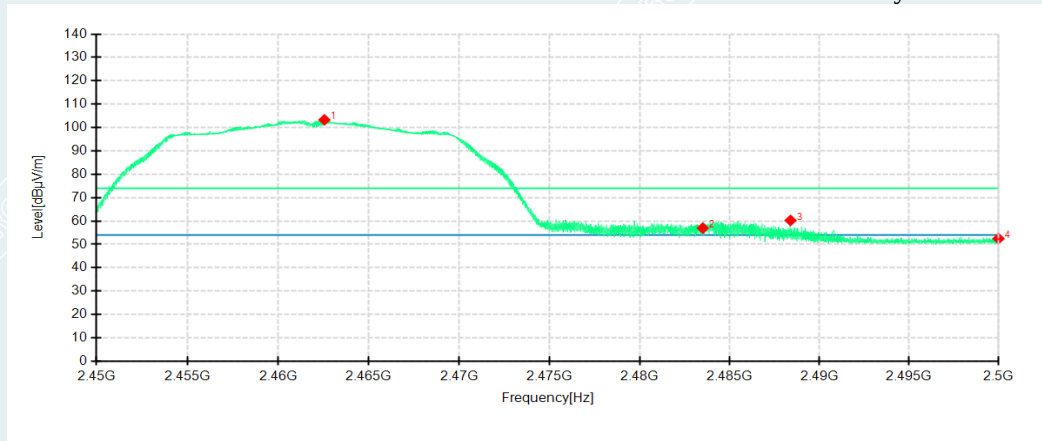
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

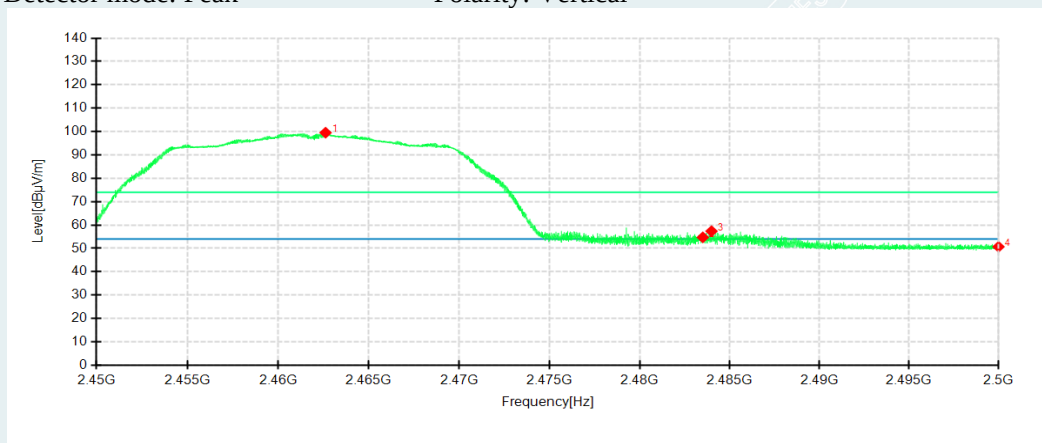
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2462.6100	95.88	99.50	3.62	74.00	-25.50	200	256	Vertical	No limit
2	2483.5000	51.02	54.71	3.69	74.00	19.29	200	223	Vertical	/
3	2483.9850	53.67	57.36	3.69	74.00	16.64	200	270	Vertical	/
4	2500.0000	46.94	50.69	3.75	74.00	23.31	200	79	Vertical	/
1	2462.6100	95.88	99.50	3.62	74.00	-25.50	200	256	Vertical	No limit
2	2483.5000	51.02	54.71	3.69	74.00	19.29	200	223	Vertical	/
3	2483.9850	53.67	57.36	3.69	74.00	16.64	200	270	Vertical	/
4	2500.0000	46.94	50.69	3.75	74.00	23.31	200	79	Vertical	/

802.11g mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

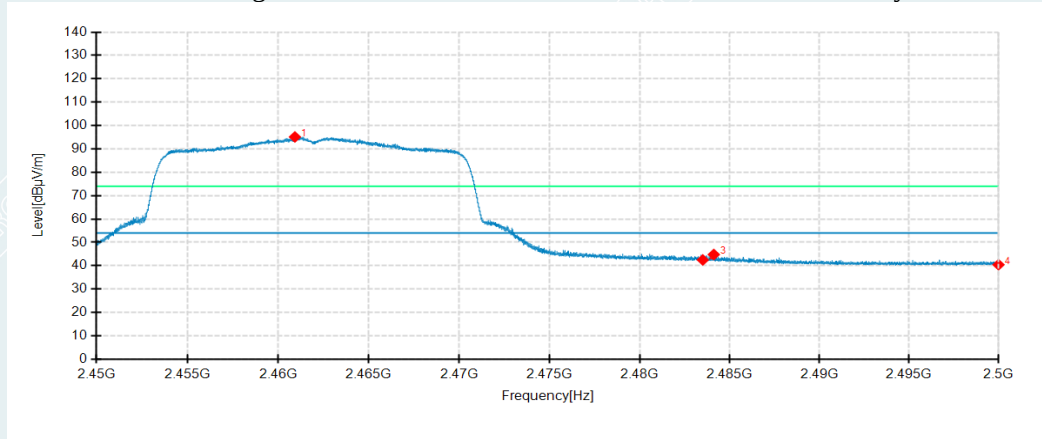
Tested By: Lu Qiang

Detector mode: Average

Voltage: DC 3.85V

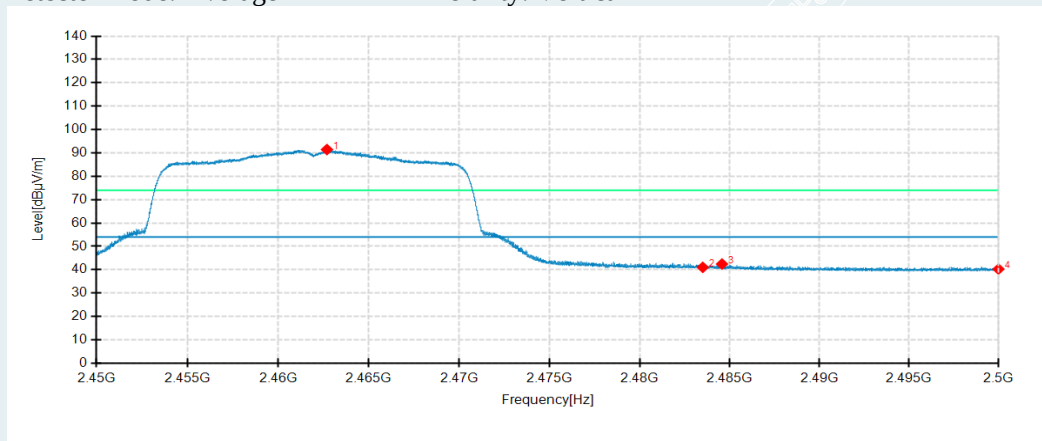
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2460.9200	91.23	95.11	3.88	54.00	-41.11	200	138	Horizontal	No limit
2	2483.5000	38.16	42.49	4.33	54.00	11.51	100	80	Horizontal	/
3	2484.1150	40.46	44.80	4.34	54.00	9.20	200	153	Horizontal	/
4	2500.0000	35.79	40.44	4.65	54.00	13.56	200	21	Horizontal	/
1	2462.6850	87.82	91.44	3.62	54.00	-37.44	200	257	Vertical	No limit
2	2483.5000	37.33	41.02	3.69	54.00	12.98	200	241	Vertical	/
3	2484.5700	38.76	42.45	3.69	54.00	11.55	200	126	Vertical	/
4	2500.0000	36.52	40.27	3.75	54.00	13.73	200	143	Vertical	/

802.11n HT20 mode**Lowest Channel**

Frequency 2412MHz

Environment: 25°C/60%RH

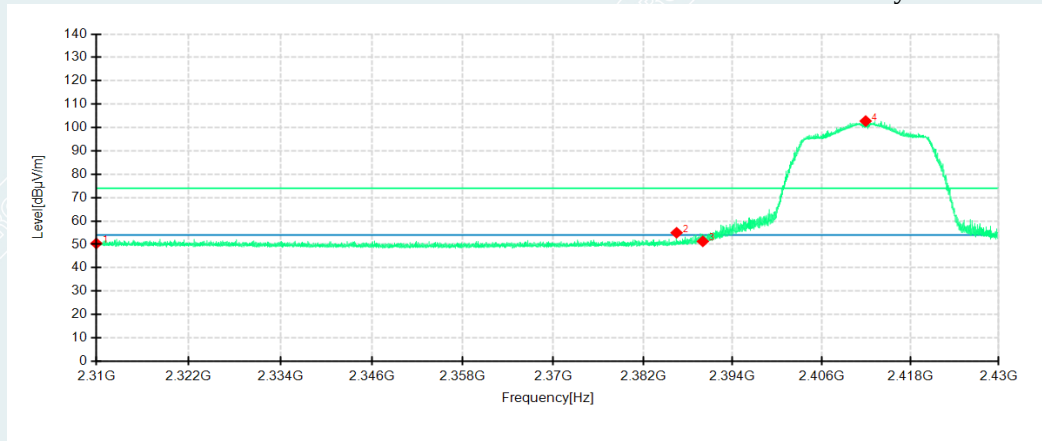
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

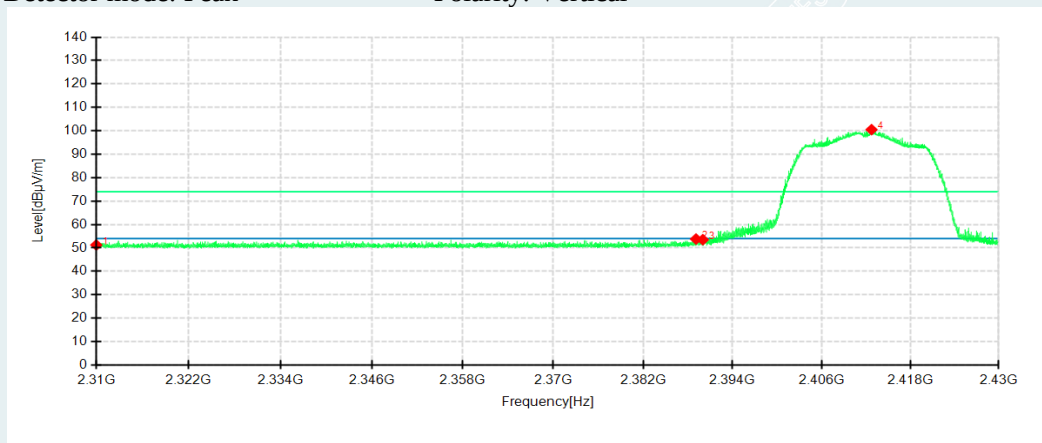
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	46.47	50.40	3.93	74.00	23.60	200	281	Horizontal	/
2	2386.4880	51.86	54.98	3.12	74.00	19.02	200	138	Horizontal	/
3	2390.0000	48.17	51.30	3.13	74.00	22.70	200	158	Horizontal	/
4	2411.9520	99.47	102.77	3.30	74.00	-28.77	200	136	Horizontal	No limit
1	2310.0000	46.73	51.24	4.51	74.00	22.76	200	295	Vertical	/
2	2389.0920	49.50	53.78	4.28	74.00	20.22	200	261	Vertical	/
3	2390.0000	49.24	53.51	4.27	74.00	20.49	200	292	Vertical	/
4	2412.7440	96.47	100.49	4.02	74.00	-26.49	200	254	Vertical	No limit

802.11n HT20 mode**Lowest Channel**

Frequency 2412MHz

Environment: 25°C/60%RH

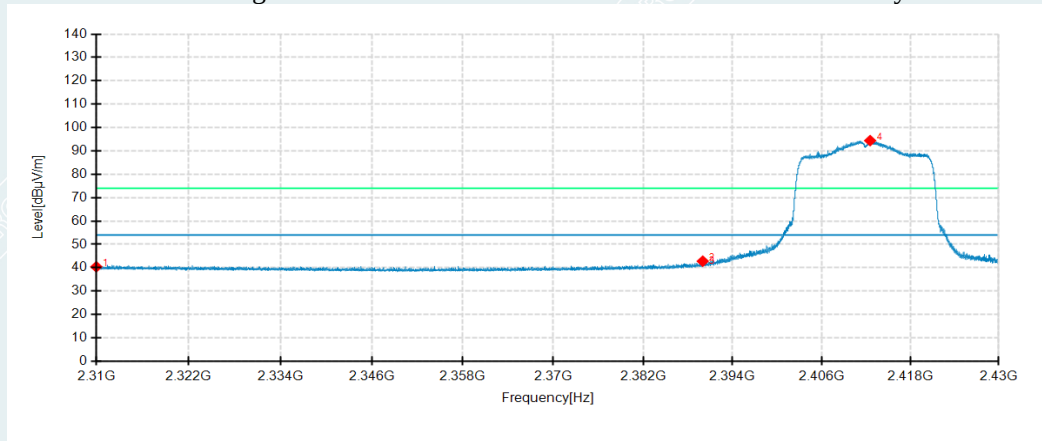
Tested By: Lu Qiang

Detector mode: Average

Voltage: DC 3.85V

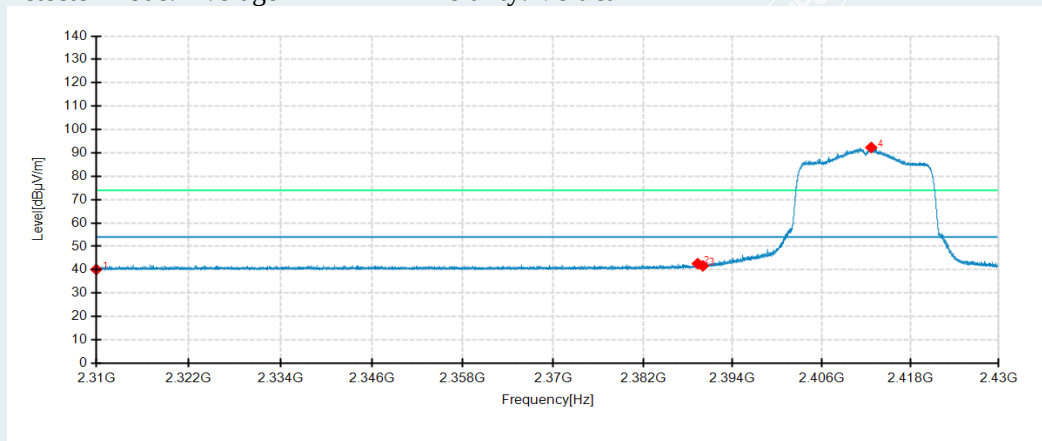
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	36.47	40.40	3.93	54.00	13.60	100	187	Horizontal	/
2	2389.9920	39.67	42.80	3.13	54.00	11.20	200	146	Horizontal	/
3	2390.0000	38.32	41.45	3.13	54.00	12.55	200	134	Horizontal	/
4	2412.5520	91.09	94.39	3.30	54.00	-40.39	200	151	Horizontal	No limit
1	2310.0000	35.58	40.09	4.51	54.00	13.91	100	269	Vertical	/
2	2389.3200	38.32	42.60	4.28	54.00	11.40	100	9	Vertical	/
3	2390.0000	37.38	41.65	4.27	54.00	12.35	100	252	Vertical	/
4	2412.7080	88.31	92.33	4.02	54.00	-38.33	200	255	Vertical	No limit

802.11n HT20 mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

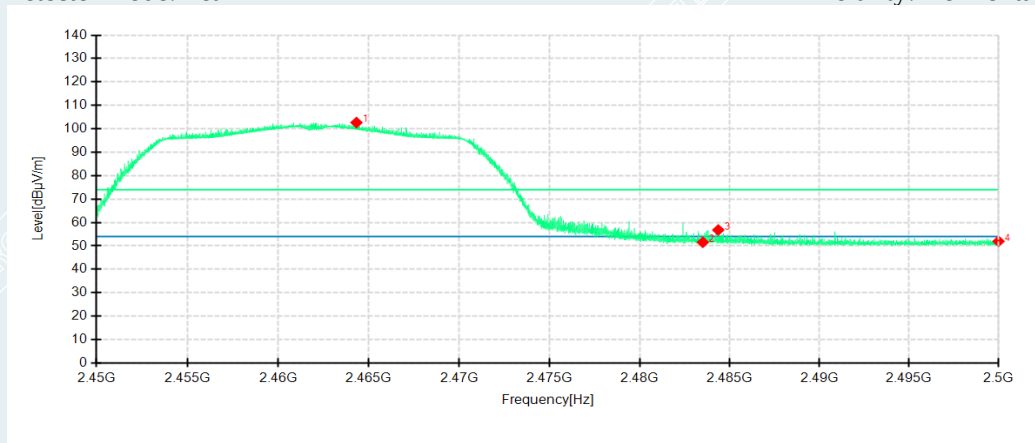
Tested By: Lu Qiang

Detector mode: Peak

Voltage: DC 3.85V

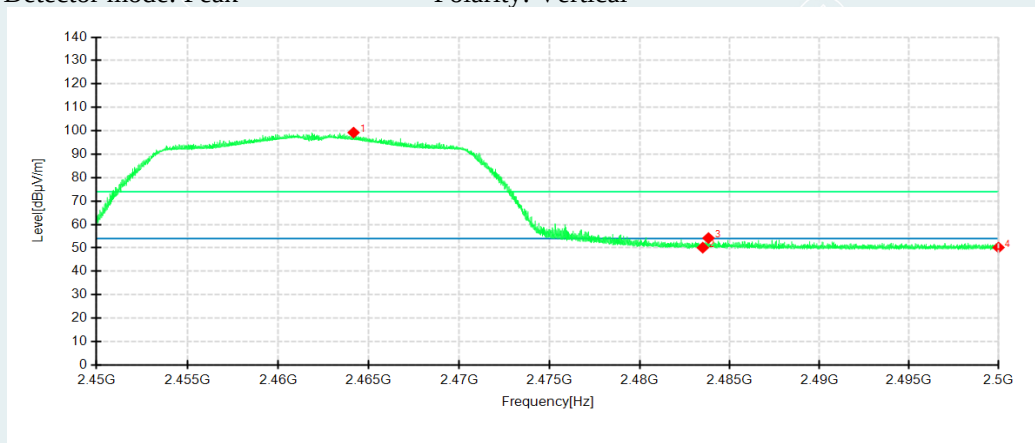
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2464.3150	98.71	102.66	3.95	74.00	-28.66	200	142	Horizontal	No limit
2	2483.5000	47.22	51.55	4.33	74.00	22.45	200	138	Horizontal	/
3	2484.3600	52.46	56.80	4.34	74.00	17.20	200	133	Horizontal	/
4	2500.0000	47.33	51.98	4.65	74.00	22.02	200	280	Horizontal	/
1	2464.1550	95.62	99.24	3.62	74.00	-25.24	200	253	Vertical	No limit
2	2483.5000	46.41	50.10	3.69	74.00	23.90	200	79	Vertical	/
3	2483.8150	50.52	54.21	3.69	74.00	19.79	200	253	Vertical	/
4	2500.0000	46.41	50.16	3.75	74.00	23.84	100	174	Vertical	/

802.11n HT20 mode**Highest Channel**

Frequency 2462MHz

Environment: 25°C/60%RH

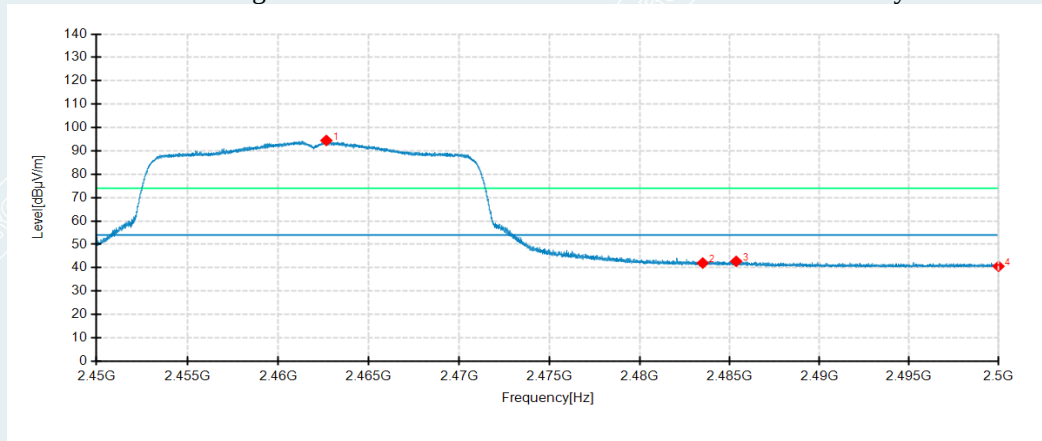
Tested By: Lu Qiang

Detector mode: Average

Voltage: DC 3.85V

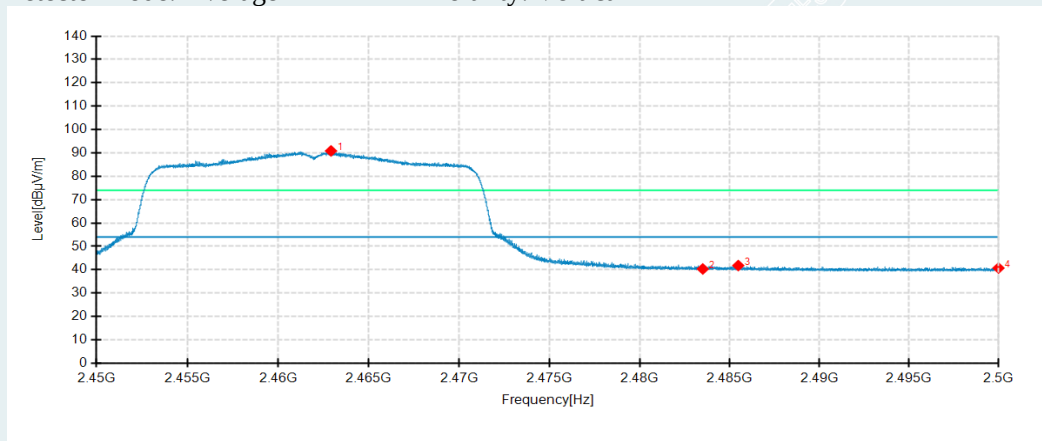
Date: 2022-03-17

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2462.6550	90.54	94.46	3.92	54.00	-40.46	200	138	Horizontal	No limit
2	2483.5000	37.68	42.01	4.33	54.00	11.99	200	149	Horizontal	/
3	2485.3600	38.38	42.74	4.36	54.00	11.26	200	151	Horizontal	/
4	2500.0000	35.96	40.61	4.65	54.00	13.39	200	21	Horizontal	/
1	2462.9100	87.23	90.85	3.62	54.00	-36.85	200	244	Vertical	No limit
2	2483.5000	36.64	40.33	3.69	54.00	13.67	200	285	Vertical	/
3	2485.4750	38.10	41.80	3.70	54.00	12.20	200	91	Vertical	/
4	2500.0000	36.97	40.72	3.75	54.00	13.28	200	83	Vertical	/

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E202112291004-26-Test photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E202112291004-27-EUT photo.

----- End of Report -----