

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
IEEE 802.11ac VHT20	U-NII-1	5180	18.79	18.23	21.53	30	Pass
		5200	18.19	18.17	21.19		Pass
		5240	19.56	18.05	21.88		Pass
	U-NII-2A	5260	17.80	17.31	20.57	23.98	Pass
		5300	18.07	17.07	20.61	23.98	Pass
		5320	17.53	17.69	20.62	23.98	Pass
	U-NII-2C	5500	19.96	19.36	22.68	23.98	Pass
		5580	20.41	20.49	23.46	23.98	Pass
		5700	18.08	16.83	20.51	23.98	Pass
	U-NII-3	5745	17.63	16.53	20.13	30	Pass
		5785	18.92	18.22	21.60		Pass
		5825	17.93	19.07	21.55		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
IEEE 802.11ax HE20	U-NII-1	5180	15.01	14.62	17.83	30	Pass
		5200	17.41	17.15	20.29		Pass
		5240	17.12	15.32	19.32		Pass
	U-NII-2A	5260	16.06	15.87	18.97	23.98	Pass
		5300	16.74	16.27	19.52	23.98	Pass
		5320	16.09	17.62	19.93	23.98	Pass
	U-NII-2C	5500	16.05	17.18	19.66	23.98	Pass
		5580	18.57	18.32	21.45	23.98	Pass
		5700	16.55	15.21	18.94	23.98	Pass
	U-NII-3	5745	16.53	16.04	19.30	30	Pass
		5785	18.04	17.81	20.93		Pass
		5825	16.60	17.93	20.32		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11n HT40 mode	U-NII-1	5190	17.57	17.84	20.72	30	Pass
		5230	20.73	19.85	23.33		Pass
	U-NII-2A	5270	18.58	18.83	21.72	23.98	Pass
		5310	16.77	18.70	20.86	23.98	Pass
	U-NII-2C	5510	18.25	18.52	21.40	23.98	Pass
		5550	20.26	19.14	22.75	23.98	Pass
		5670	16.98	18.10	20.59	23.98	Pass
	U-NII-3	5755	21.16	19.63	23.48	30	Pass
		5795	20.69	20.13	23.43		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11ac VHT40 mode	U-NII-1	5190	16.29	17.15	19.75	30	Pass
		5230	19.18	19.98	22.61		Pass
	U-NII-2A	5270	20.13	19.84	23.00	23.98	Pass
		5310	13.81	15.27	17.61	23.98	Pass
	U-NII-2C	5510	17.08	17.81	20.47	23.98	Pass
		5550	20.59	19.51	23.10	23.98	Pass
		5670	15.85	15.63	18.75	23.98	Pass
	U-NII-3	5755	19.23	17.91	21.63	30	Pass
		5795	18.77	17.85	21.35		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11ax HE40 mode	U-NII-1	5190	13.92	14.97	17.49	30	Pass
		5230	15.29	14.60	17.97		Pass
	U-NII-2A	5270	15.16	15.63	18.41	23.98	Pass
		5310	14.25	16.62	18.61	23.98	Pass
	U-NII-2C	5510	15.59	15.56	18.59	23.98	Pass
		5550	19.71	19.03	22.39	23.98	Pass
		5670	16.87	17.08	19.99	23.98	Pass
	U-NII-3	5755	20.21	19.24	22.76	30	Pass
		5795	19.82	19.17	22.52		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11ac VHT80	U-NII-1	5210	14.84	14.57	17.72	30	Pass
	U-NII-2A	5290	16.02	16.54	19.30	23.98	Pass
	U-NII-2C	5530	15.38	15.82	18.62	23.98	Pass
		5610	20.80	19.86	23.37	23.98	Pass
	U-NII-3	5775	21.52	19.88	23.79	30	Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11ax HE80	U-NII-1	5210	13.91	14.46	17.20	30	Pass
	U-NII-2A	5290	15.08	15.14	18.12	23.98	Pass
	U-NII-2C	5530	16.15	17.00	19.61	23.98	Pass
		5610	20.50	20.05	23.29	23.98	Pass
	U-NII-3	5775	19.98	18.94	22.50	30	Pass

- Note: 1. This EUT supports MIMO 2X2, any transmit signals are correlated with each other,
For power measurements on IEEE 802.11 devices, $\text{Array Gain} = 0 \text{ dB}$ (i.e., no array gain) for $N_{\text{ANT}} \leq 4$.
2. U-NII-2A and U-NII-2C limits 250mW(23.98dBm) or $11\text{dBm} + 10 \log B$, Which is lesser.
(B is 26dB Bandwidth in MHz)

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

10. POWER SPECTRAL DENSITY

10.1.LIMITS

FCC 15.407(a)

The maximum power spectral density should not exceed:

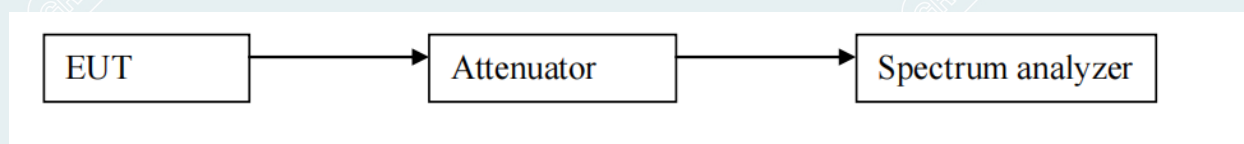
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-2A	All Device	11dBm/MHz
U-NII-2C	All Device	11dBm/MHz
U-NII-3	All Device	30dBm/500KHz

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

10.2.TEST PROCEDURES

Spectrum Parameters	Setting
RBW	1MHz(For U-NII-1&U-NII-2A&U-NII-2C) 500KHz(For U-NII-3)
VBW	3MHz(For U-NII-1&U-NII-2A&U-NII-2C) 2MHz(For U-NII-3)
Span	encompass the entire 26 dB EBW or 99% OBW of the signal
Sweep Time	Auto
Number of Sweep Point	$\geq 2 \times \text{SPAN} / \text{RBW}$
Detector	RMS(power averaging)
Trace Average	≥ 100 traces

10.3. TEST SETUP



10.4.TEST RESULTS

Environmental Conditions	23.9°C/47%RH	Test Voltage	AC120V/60Hz
Tested By	Lu Wei	Tested Date	2021/11/10

TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Duty factor	Result+ Duty factor [dBm/MHz]	Limit[dBm/MHz]	Verdict
802.11a	Ant1	5180	10.45	0.20	10.65	≤17	PASS
	Ant2	5180	10.35	0.20	10.55	≤17	PASS
	Ant1	5200	9.73	0.20	9.93	≤17	PASS
	Ant2	5200	9.78	0.20	9.98	≤17	PASS
	Ant1	5240	11.10	0.20	11.30	≤17	PASS
	Ant2	5240	9.5	0.20	9.70	≤17	PASS
	Ant1	5260	10.14	0.20	10.34	≤11	PASS
	Ant2	5260	10.16	0.20	10.36	≤11	PASS
	Ant1	5280	10.61	0.20	10.81	≤11	PASS
	Ant2	5280	9.78	0.20	9.98	≤11	PASS
	Ant1	5320	9.56	0.20	9.76	≤11	PASS
	Ant2	5320	10.66	0.20	10.86	≤11	PASS
	Ant1	5500	7.99	0.20	8.19	≤11	PASS
	Ant2	5500	9.86	0.20	10.06	≤11	PASS
	Ant1	5580	9.8	0.20	10.00	≤11	PASS
	Ant2	5580	8.96	0.20	9.16	≤11	PASS
	Ant1	5700	9.69	0.20	9.89	≤11	PASS
	Ant2	5700	9.18	0.20	9.38	≤11	PASS
	Ant1	5745	7.91	0.20	8.11	≤30	PASS
	Ant2	5745	7.20	0.20	7.40	≤30	PASS
	Ant1	5785	7.46	0.20	7.66	≤30	PASS
	Ant2	5785	6.64	0.20	6.84	≤30	PASS
	Ant1	5825	5.88	0.20	6.08	≤30	PASS
	Ant2	5825	6.69	0.20	6.89	≤30	PASS
802.11n HT20 MIMO	Ant1	5180	10.69	0.21	10.90	≤17	PASS
	Ant2	5180	10.49	0.21	10.70	≤17	PASS
	total	5180	13.60	0.21	13.81	≤16.73	PASS
	Ant1	5200	10.07	0.21	10.28	≤17	PASS
	Ant2	5200	11.82	0.21	12.03	≤17	PASS
	total	5200	14.04	0.21	14.25	≤16.73	PASS
	Ant1	5240	11.37	0.21	11.58	≤17	PASS
	Ant2	5240	11.38	0.21	11.59	≤17	PASS
	total	5240	14.39	0.21	14.60	≤16.73	PASS
	Ant1	5260	7.12	0.21	7.33	≤11	PASS
	Ant2	5260	5.78	0.21	5.99	≤11	PASS
	total	5260	9.51	0.21	9.72	≤10.79	PASS
	Ant1	5280	6.37	0.21	6.58	≤11	PASS
	Ant2	5280	7.26	0.21	7.47	≤11	PASS
	total	5280	9.85	0.21	10.06	≤10.79	PASS
	Ant1	5320	5.55	0.21	5.76	≤11	PASS
	Ant2	5320	7.5	0.21	7.71	≤11	PASS
	total	5320	9.64	0.21	9.85	≤10.79	PASS
	Ant1	5500	4.79	0.21	5.00	≤11	PASS
	Ant2	5500	7.82	0.21	8.03	≤11	PASS
	total	5500	9.57	0.21	9.78	≤10.73	PASS
	Ant1	5580	6.01	0.21	6.22	≤11	PASS
	Ant2	5580	3.52	0.21	3.73	≤11	PASS
	total	5580	7.95	0.21	8.16	≤10.73	PASS
	Ant1	5700	7.13	0.21	7.34	≤11	PASS
	Ant2	5700	4.95	0.21	5.16	≤11	PASS
	total	5700	9.19	0.21	9.40	≤10.73	PASS
	Ant1	5745	7.79	0.21	8.00	≤30	PASS
	Ant2	5745	6.99	0.21	7.20	≤30	PASS
	total	5745	10.42	0.21	10.63	≤29.24	PASS
	Ant1	5785	7.07	0.21	7.28	≤30	PASS
	Ant2	5785	5.34	0.21	5.55	≤30	PASS
	total	5785	9.30	0.21	9.51	≤29.24	PASS
	Ant1	5825	5.7	0.21	5.91	≤30	PASS
	Ant2	5825	6.94	0.21	7.15	≤30	PASS

802.11n HT40 MIMO	total	5825	9.37	0.21	9.58	≤29.24	PASS
	Ant1	5190	5.97	0.68	6.65	≤17	PASS
	Ant2	5190	8.02	0.68	8.70	≤17	PASS
	total	5190	10.13	0.68	10.81	≤16.73	PASS
	Ant1	5230	7.81	0.68	8.49	≤17	PASS
	Ant2	5230	7.31	0.68	7.99	≤17	PASS
	total	5230	10.58	0.68	11.26	≤16.73	PASS
	Ant1	5270	5.93	0.68	6.61	≤11	PASS
	Ant2	5270	8.48	0.68	9.16	≤11	PASS
	total	5270	10.40	0.68	11.08	≤10.79	PASS
	Ant1	5310	4.13	0.68	4.81	≤11	PASS
	Ant2	5310	6.76	0.68	7.44	≤11	PASS
	total	5310	8.65	0.68	9.33	≤10.79	PASS
	Ant1	5510	5.34	0.68	6.02	≤11	PASS
	Ant2	5510	7.99	0.68	8.67	≤11	PASS
	total	5510	9.87	0.68	10.55	≤10.73	PASS
	Ant1	5550	6.28	0.68	6.96	≤11	PASS
	Ant2	5550	6.83	0.68	7.51	≤11	PASS
	total	5550	9.57	0.68	10.25	≤10.73	PASS
	Ant1	5670	5.69	0.68	6.37	≤11	PASS
	Ant2	5670	7.46	0.68	8.14	≤11	PASS
	total	5670	9.67	0.68	10.35	≤10.73	PASS
	Ant1	5755	7.37	0.68	8.05	≤30	PASS
	Ant2	5755	6.01	0.68	6.69	≤30	PASS
	total	5755	9.75	0.68	10.43	≤29.24	PASS
	Ant1	5795	6.9	0.68	7.58	≤30	PASS
	Ant2	5795	4.94	0.68	5.62	≤30	PASS
	total	5795	9.04	0.68	9.72	≤29.24	PASS
802.11ac VHT20 MIMO	Ant1	5180	-0.82	0.35	-0.47	≤17	PASS
	Ant2	5180	-0.62	0.35	-0.27	≤17	PASS
	total	5180	2.29	0.35	2.64	≤16.73	PASS
	Ant1	5200	-2.51	0.35	-2.16	≤17	PASS
	Ant2	5200	0.05	0.35	0.40	≤17	PASS
	total	5200	1.97	0.35	2.32	≤16.73	PASS
	Ant1	5240	5.9	0.35	6.25	≤17	PASS
	Ant2	5240	3.87	0.35	4.22	≤17	PASS
	total	5240	8.01	0.35	8.36	≤16.73	PASS
	Ant1	5260	6.28	0.35	6.63	≤11	PASS
	Ant2	5260	4.98	0.35	5.33	≤11	PASS
	total	5260	8.69	0.35	9.04	≤10.79	PASS
	Ant1	5280	4.7	0.35	5.05	≤11	PASS
	Ant2	5280	6.14	0.35	6.49	≤11	PASS
	total	5280	8.49	0.35	8.84	≤10.79	PASS
	Ant1	5320	5.09	0.35	5.44	≤11	PASS
	Ant2	5320	8.59	0.35	8.94	≤11	PASS
	total	5320	10.19	0.35	10.54	≤10.79	PASS
	Ant1	5500	4.62	0.35	4.97	≤11	PASS
	Ant2	5500	5.85	0.35	6.20	≤11	PASS
	total	5500	8.29	0.35	8.64	≤10.73	PASS
	Ant1	5580	6.46	0.35	6.81	≤11	PASS
	Ant2	5580	5.58	0.35	5.93	≤11	PASS
	total	5580	9.05	0.35	9.40	≤10.73	PASS
	Ant1	5700	7.8	0.35	8.15	≤11	PASS
	Ant2	5700	5.02	0.35	5.37	≤11	PASS
	total	5700	9.64	0.35	9.99	≤10.73	PASS
	Ant2	5745	-0.21	0.35	0.14	≤30	PASS
	total	5745	2.91	0.35	3.26	≤29.24	PASS
	Ant1	5785	0.14	0.35	0.49	≤30	PASS
	Ant2	5785	0.53	0.35	0.88	≤30	PASS
	total	5785	3.35	0.35	3.70	≤29.24	PASS
	Ant1	5825	-1.14	0.35	-0.79	≤30	PASS
	Ant2	5825	0.8	0.35	1.15	≤30	PASS
	total	5825	2.95	0.35	3.30	≤29.24	PASS

802.11ac VHT40 MIMO	Ant1	5190	-1.25	0.67	-0.58	≤17	PASS
	Ant2	5190	-1.3	0.67	-0.63	≤17	PASS
	total	5190	1.74	0.67	2.41	≤16.73	PASS
	Ant1	5230	2.65	0.67	3.32	≤17	PASS
	Ant2	5230	1.86	0.67	2.53	≤17	PASS
	total	5230	5.28	0.67	5.95	≤16.73	PASS
	Ant1	5270	3.75	0.67	4.42	≤11	PASS
	Ant2	5270	1.83	0.67	2.50	≤11	PASS
	total	5270	5.91	0.67	6.58	≤10.79	PASS
	Ant1	5310	-3.24	0.67	-2.57	≤11	PASS
	Ant2	5310	-1.94	0.67	-1.27	≤11	PASS
	total	5310	0.47	0.67	1.14	≤10.79	PASS
	Ant1	5510	-1.17	0.67	-0.50	≤11	PASS
	Ant2	5510	-0.37	0.67	0.30	≤11	PASS
	total	5510	2.26	0.67	2.93	≤10.73	PASS
	Ant1	5550	2.24	0.67	2.91	≤11	PASS
	Ant2	5550	1.6	0.67	2.27	≤11	PASS
	total	5550	4.94	0.67	5.61	≤10.73	PASS
	Ant1	5670	2.83	0.67	3.50	≤11	PASS
	Ant2	5670	1.9	0.67	2.57	≤11	PASS
	total	5670	5.40	0.67	6.07	≤10.73	PASS
	Ant1	5755	0.18	0.67	0.85	≤30	PASS
	Ant2	5755	-0.81	0.67	-0.14	≤30	PASS
	total	5755	2.72	0.67	3.39	≤29.24	PASS
	Ant1	5795	0.03	0.67	0.70	≤30	PASS
	Ant2	5795	0.5	0.67	1.17	≤30	PASS
	total	5795	3.28	0.67	3.95	≤29.24	PASS
802.11ac VHT80 MIMO	Ant1	5210	-6.45	4.66	-1.79	≤17	PASS
	Ant2	5210	-6.74	4.66	-2.08	≤17	PASS
	total	5210	-3.58	4.66	1.08	≤16.73	PASS
	Ant1	5290	-6.12	4.66	-1.46	≤11	PASS
	Ant2	5290	-6.85	4.66	-2.19	≤11	PASS
	total	5290	-3.46	4.66	1.20	≤10.79	PASS
	Ant1	5530	-15.96	4.66	-11.3	≤11	PASS
	Ant2	5530	-5.41	4.66	-0.75	≤11	PASS
	total	5530	-5.04	4.66	-0.38	≤10.73	PASS
	Ant1	5610	-5.07	4.66	-0.41	≤11	PASS
	Ant2	5610	-5.89	4.66	-1.23	≤11	PASS
	total	5610	-2.45	4.66	2.21	≤10.73	PASS
	Ant1	5775	-0.93	4.66	3.73	≤30	PASS
	Ant2	5775	-3.72	4.66	0.94	≤30	PASS
	total	5775	0.91	4.66	5.57	≤29.24	PASS
802.11ax HE20 MIMO	Ant1	5180	8.16	0.70	8.86	≤17	PASS
	Ant2	5180	8.5	0.70	9.20	≤17	PASS
	total	5180	11.34	0.70	12.04	≤16.73	PASS
	Ant1	5200	9.11	0.70	9.81	≤17	PASS
	Ant2	5200	9.33	0.70	10.03	≤17	PASS
	total	5200	12.23	0.70	12.93	≤16.73	PASS
	Ant1	5240	10.51	0.70	11.21	≤17	PASS
	Ant2	5240	8.52	0.70	9.22	≤17	PASS
	total	5240	12.64	0.70	13.34	≤16.73	PASS
	Ant1	5260	4.45	0.70	5.15	≤11	PASS
	Ant2	5260	4.59	0.70	5.29	≤11	PASS
	total	5260	7.53	0.70	8.23	≤10.79	PASS
	Ant1	5280	4.76	0.70	5.46	≤11	PASS
	Ant2	5280	4.94	0.70	5.64	≤11	PASS
	total	5280	7.86	0.70	8.56	≤10.79	PASS
	Ant1	5320	5.32	0.70	6.02	≤11	PASS
	Ant2	5320	6.35	0.70	7.05	≤11	PASS
	total	5320	8.88	0.70	9.58	≤10.79	PASS
	Ant1	5500	3.82	0.70	4.52	≤11	PASS
	Ant2	5500	5.66	0.70	6.36	≤11	PASS
	total	5500	7.85	0.70	8.55	≤10.73	PASS

	Ant1	5580	7.14	0.70	7.84	≤11	PASS
	Ant2	5580	5.47	0.70	6.17	≤11	PASS
	total	5580	9.40	0.70	10.10	≤10.73	PASS
	Ant1	5700	5.3	0.70	6.00	≤11	PASS
	Ant2	5700	3.08	0.70	3.78	≤11	PASS
	total	5700	7.34	0.70	8.04	≤10.73	PASS
	Ant1	5745	2.49	0.70	3.19	≤30	PASS
	Ant2	5745	0.77	0.70	1.47	≤30	PASS
	total	5745	4.72	0.70	5.42	≤29.24	PASS
	Ant1	5785	3.82	0.70	4.52	≤30	PASS
	Ant2	5785	2.66	0.70	3.36	≤30	PASS
	total	5785	6.29	0.70	6.99	≤29.24	PASS
	Ant2	5825	2.84	0.70	3.54	≤30	PASS
	total	5825	4.66	0.70	5.36	≤29.24	PASS
802.11ax HE40 MIMO	Ant1	5190	2.7	1.06	3.76	≤17	PASS
	Ant2	5190	4.67	1.06	5.73	≤17	PASS
	total	5190	6.81	1.06	7.87	≤16.73	PASS
	Ant1	5230	7.35	1.06	8.41	≤17	PASS
	Ant2	5230	6.4	1.06	7.46	≤17	PASS
	total	5230	9.91	1.06	10.97	≤16.73	PASS
	Ant1	5270	7.56	1.06	8.62	≤11	PASS
	Ant2	5270	7.92	1.06	8.98	≤11	PASS
	total	5270	10.75	1.06	11.81	≤10.79	PASS
	Ant1	5310	1.46	1.06	2.52	≤11	PASS
	Ant2	5310	4.37	1.06	5.43	≤11	PASS
	total	5310	6.16	1.06	7.22	≤10.79	PASS
	Ant1	5510	2.71	1.06	3.77	≤11	PASS
	Ant2	5510	5.59	1.06	6.65	≤11	PASS
	total	5510	7.39	1.06	8.45	≤10.73	PASS
	Ant1	5550	4.97	1.06	6.03	≤11	PASS
	Ant2	5550	6.87	1.06	7.93	≤11	PASS
	total	5550	9.03	1.06	10.09	≤10.73	PASS
	Ant1	5670	6.85	1.06	7.91	≤11	PASS
	Ant2	5670	7.6	1.06	8.66	≤11	PASS
	total	5670	10.25	1.06	11.31	≤10.73	PASS
	Ant1	5755	3.83	1.06	4.89	≤30	PASS
	Ant2	5755	3.9	1.06	4.96	≤30	PASS
	total	5755	6.88	1.06	7.94	≤29.24	PASS
	Ant1	5795	3.56	1.06	4.62	≤30	PASS
	Ant2	5795	3.26	1.06	4.32	≤30	PASS
	total	5795	6.42	1.06	7.48	≤29.24	PASS
802.11ax HE80 MIMO	Ant1	5210	-3.03	0.74	-2.29	≤17	PASS
	Ant2	5210	0.3	0.74	1.04	≤17	PASS
	total	5210	1.96	0.74	2.70	≤16.73	PASS
	Ant1	5290	-2.46	0.74	-1.72	≤11	PASS
	Ant2	5290	-0.37	0.74	0.37	≤11	PASS
	total	5290	1.72	0.74	2.46	≤10.79	PASS
	Ant1	5530	-2.57	0.74	-1.83	≤11	PASS
	Ant2	5530	1.9	0.74	2.64	≤11	PASS
	total	5530	3.23	0.74	3.97	≤10.73	PASS
	Ant1	5610	3.62	0.74	4.36	≤11	PASS
	Ant2	5610	5.24	0.74	5.98	≤11	PASS
	total	5610	7.52	0.74	8.26	≤10.73	PASS
	Ant1	5775	3.86	0.74	4.60	≤30	PASS
	Ant2	5775	1.26	0.74	2.00	≤30	PASS
	total	5775	5.76	0.74	6.50	≤29.24	PASS

Note: 1.TheResult and LimitUnit is dBm/500 kHz in the band 5.725–5.85 GHz.

U-NII-1 :

Note1: This EUT supports MIMO 2X2, any transmit signals are correlated with each other,
So Directional gain $= 3.26 + 10\log(2)$ dBi, that is Directional gain (dBi) = 6.27

Note2: Antenna gain is greater than 6, Power Density Limit $= 17 - (6.27 - 6) = 16.73$ dBm/MHz

U-NII-2A :

Note1: This EUT supports MIMO 2X2, any transmit signals are correlated with each other,
So Directional gain $= 3.20 + 10\log(2)$ dBi, that is Directional gain (dBi) = 6.21

Note2: Antenna gain is greater than 6, Power Density Limit $= 11 - (6.21 - 6) = 10.79$ dBm/MHz

U-NII-2C :

Note1: This EUT supports MIMO 2X2, any transmit signals are correlated with each other,
So Directional gain $= 3.26 + 10\log(2)$ dBi, that is Directional gain (dBi) = 6.27

Note2: Antenna gain is greater than 6, Power Density Limit $= 11 - (6.27 - 6) = 10.73$ dBm/MHz

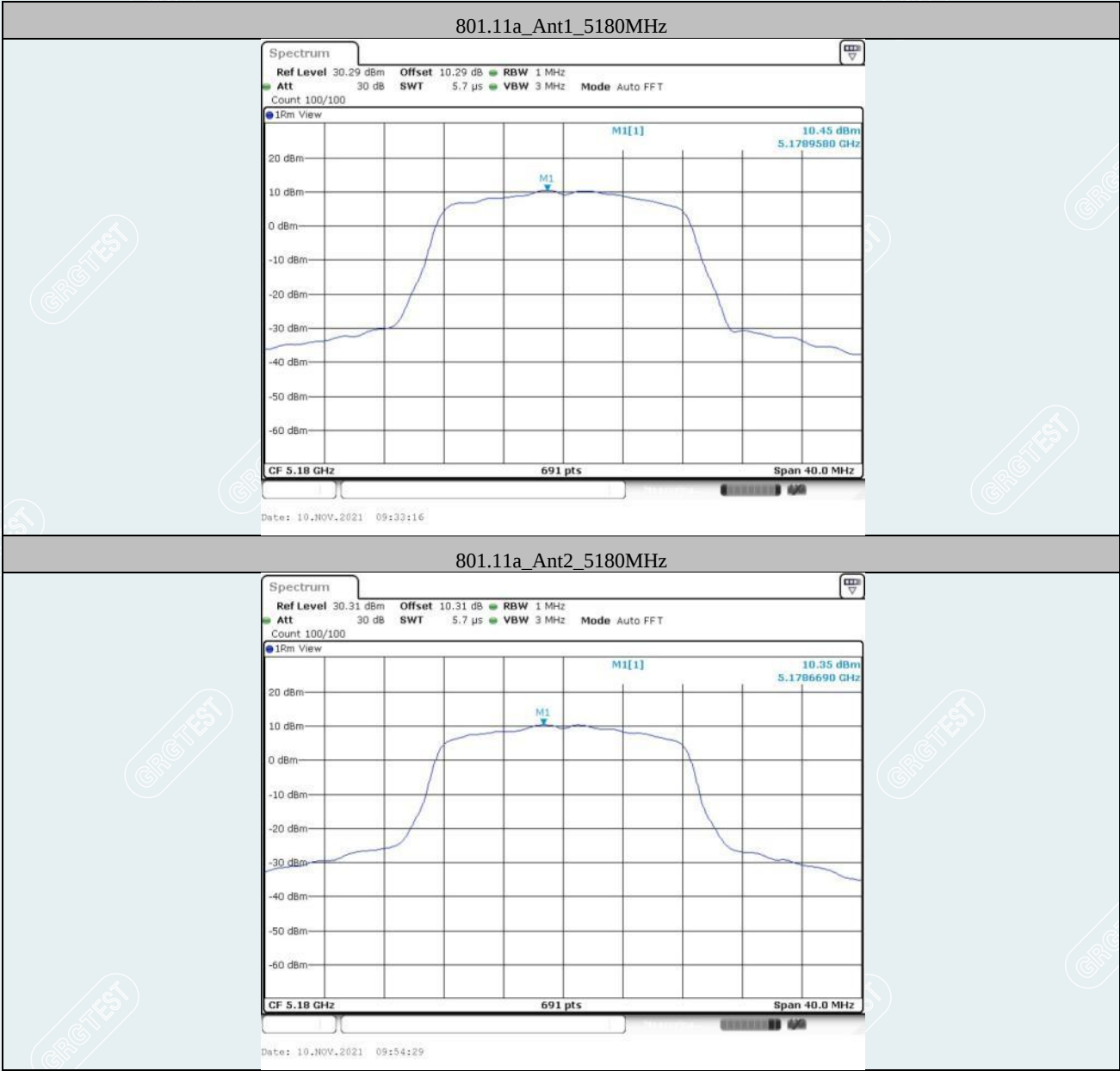
U-NII-3:

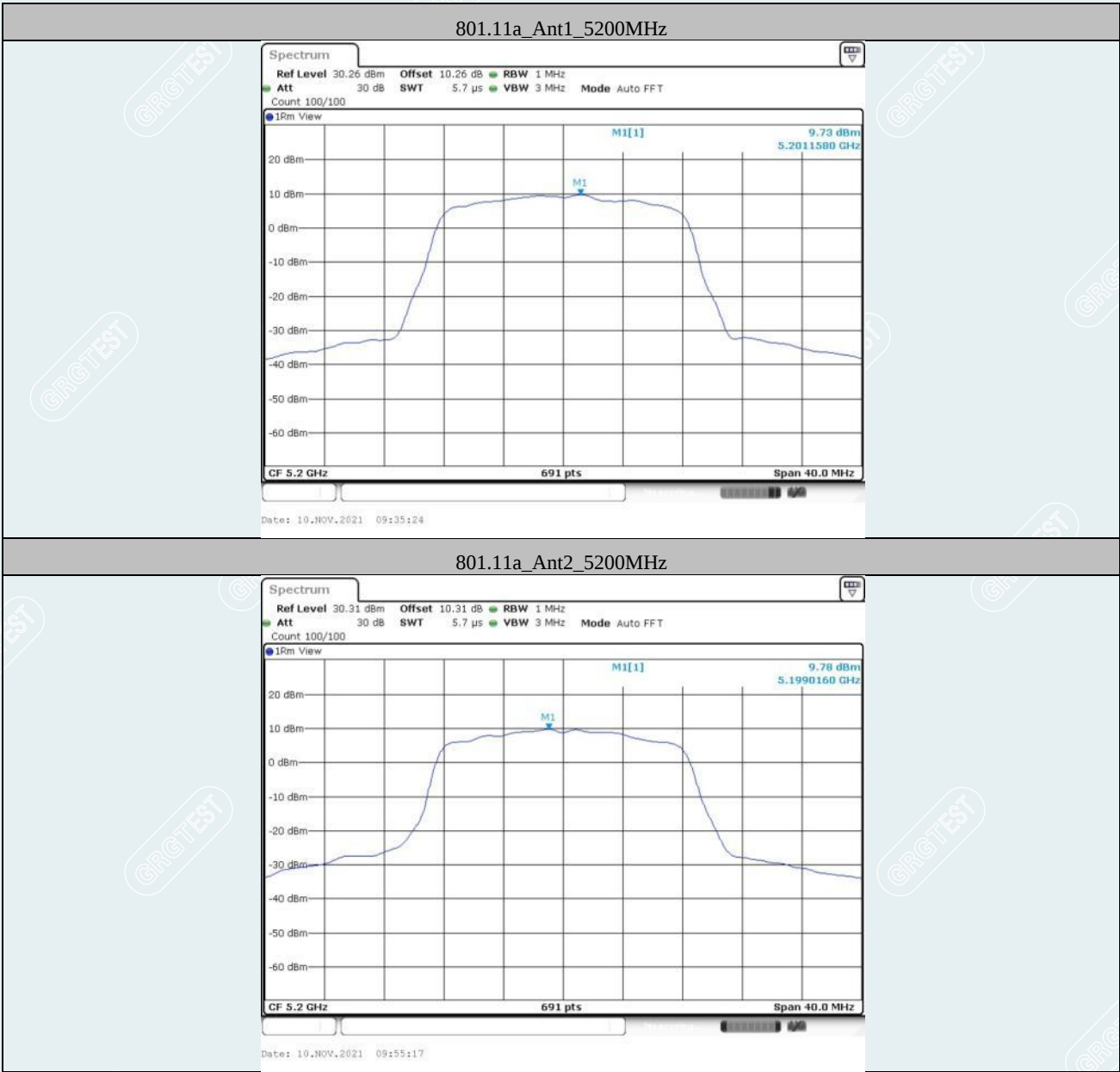
Note1: This EUT supports MIMO 2X2, any transmit signals are correlated with each other,
So Directional gain $= 3.75 + 10\log(2)$ dBi, that is Directional gain (dBi) = 6.76

Note2: Antenna gain is greater than 6, Power Density Limit $= 30 - (6.76 - 6) = 29.24$ dBm/500kHz

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

Test Graphs





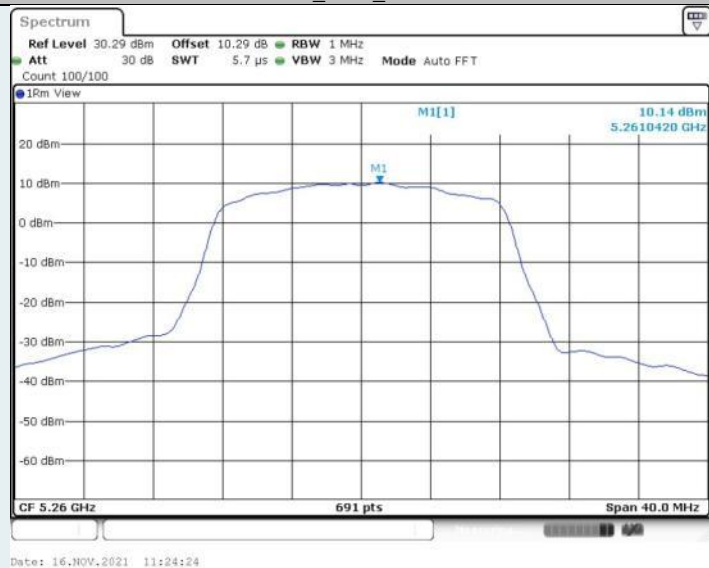
801.11a_Ant1_5240MHz



801.11a_Ant2_5240MHz

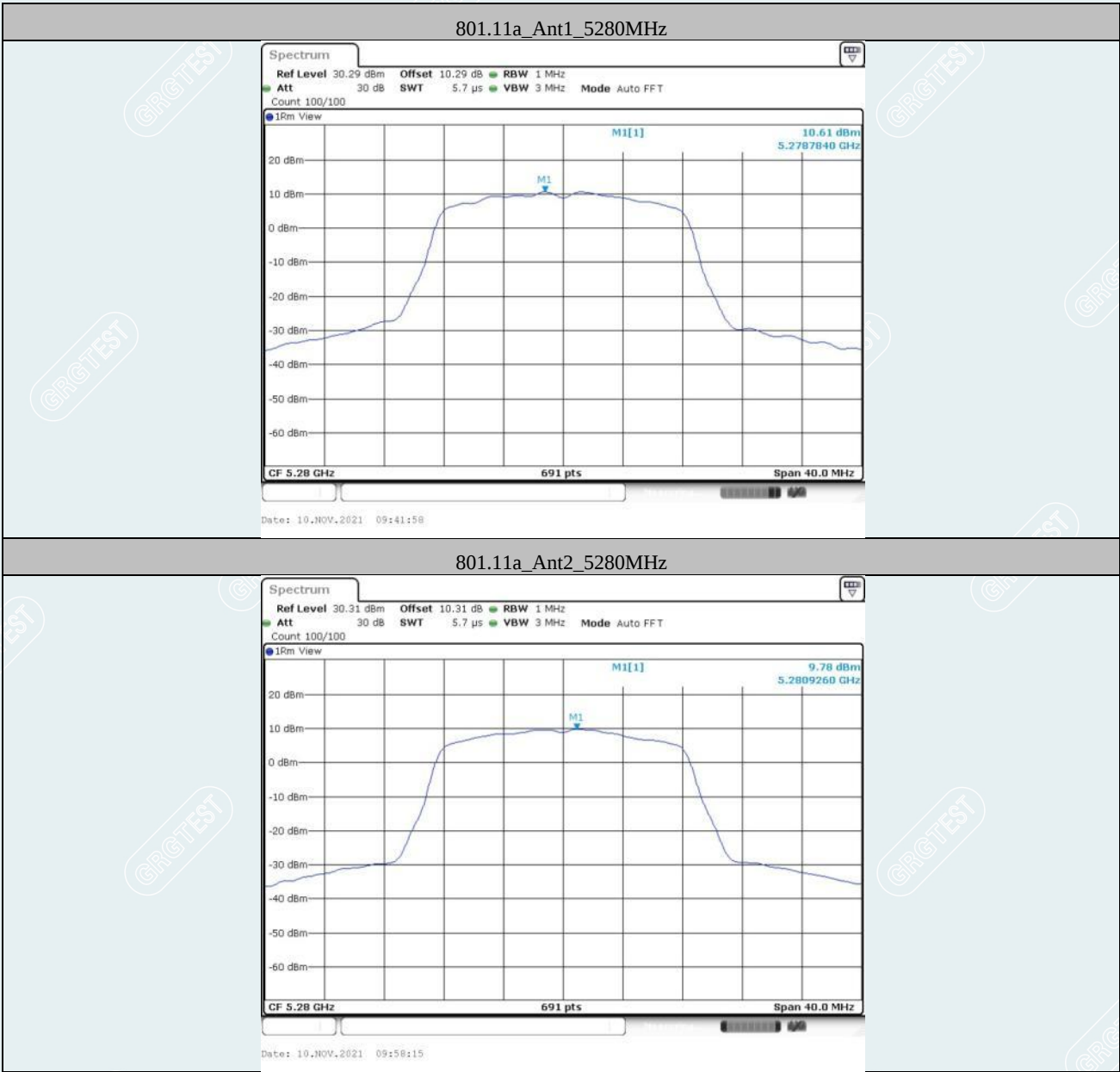


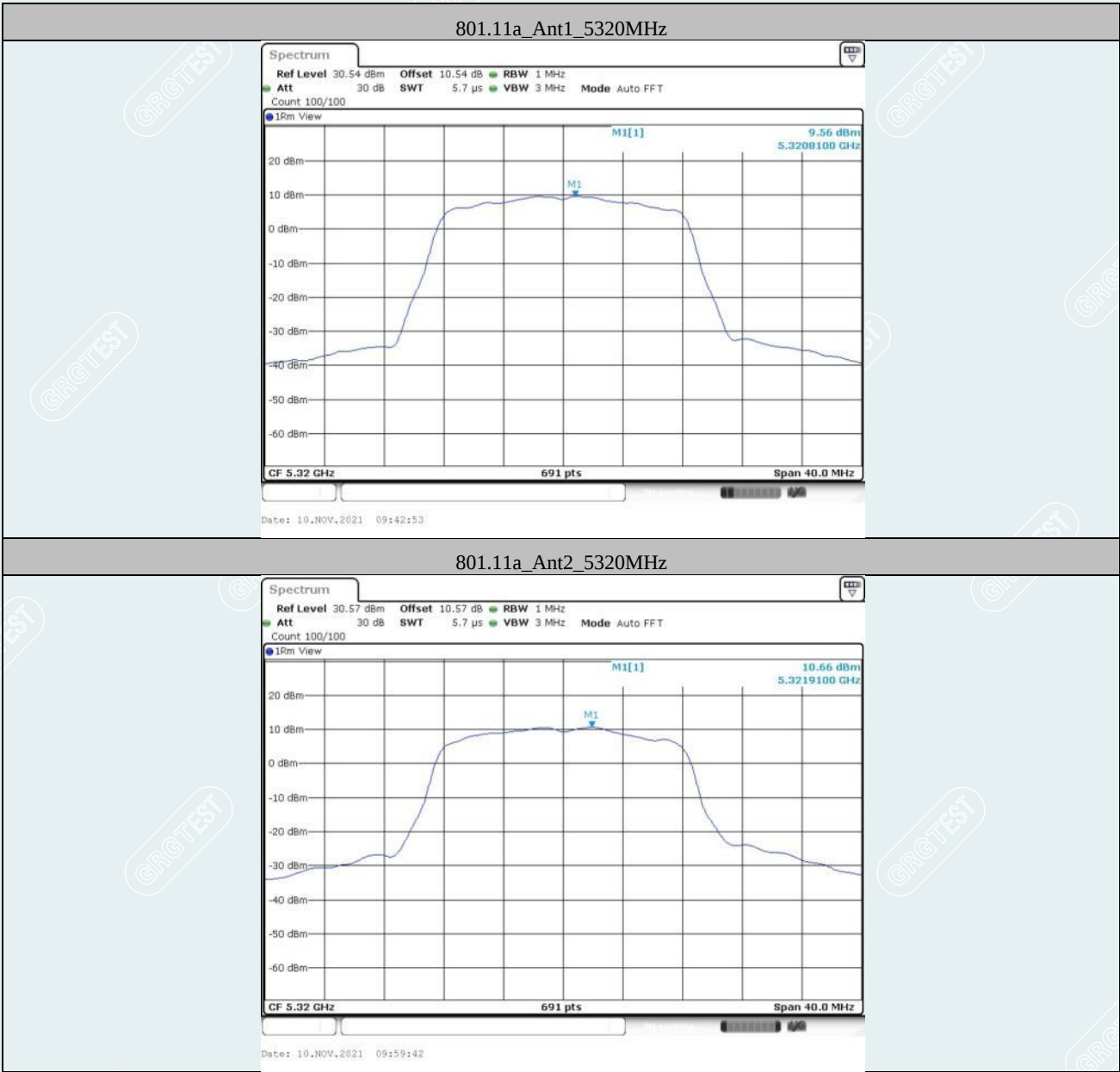
801.11a_Ant1_5260MHz

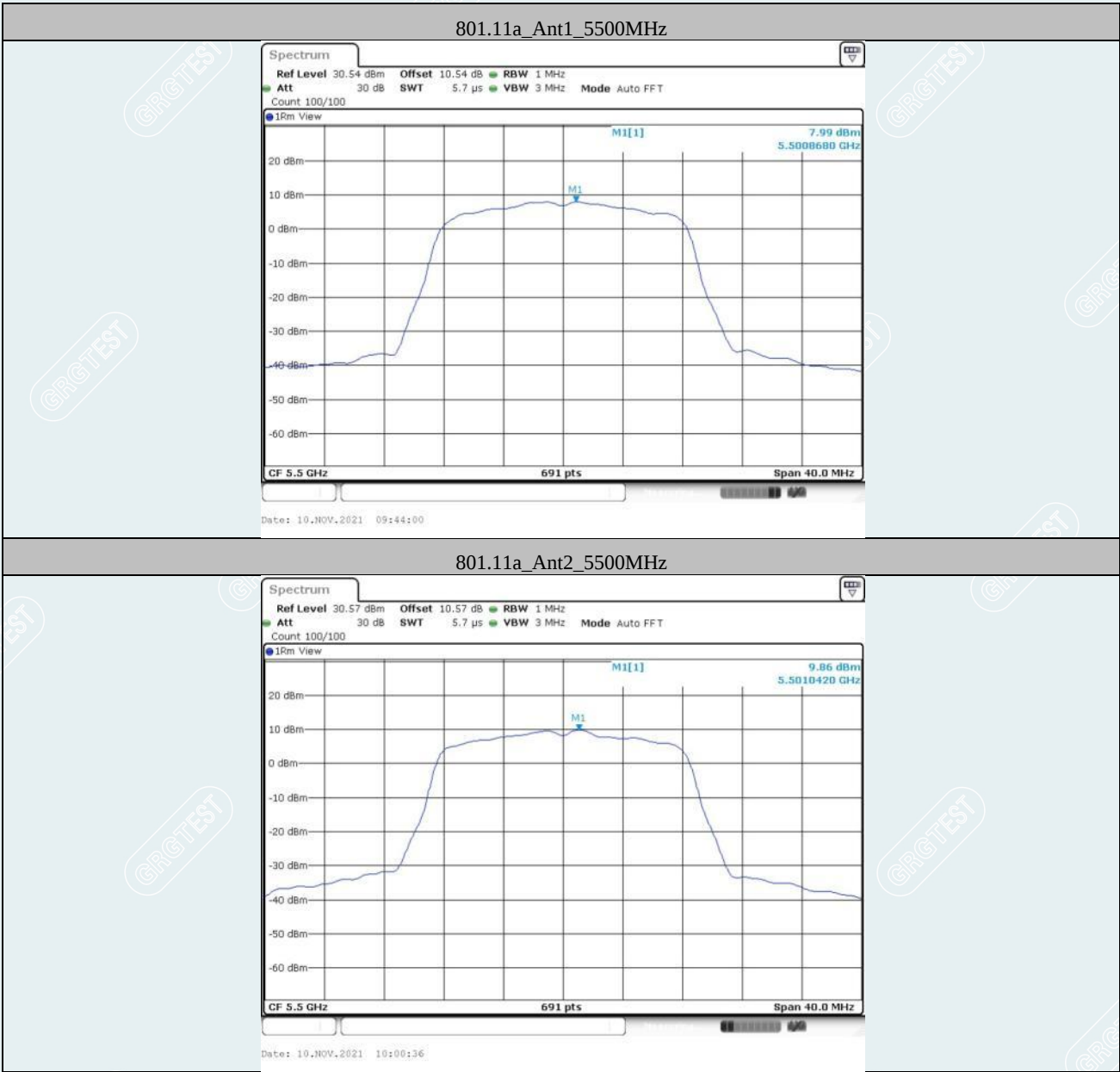


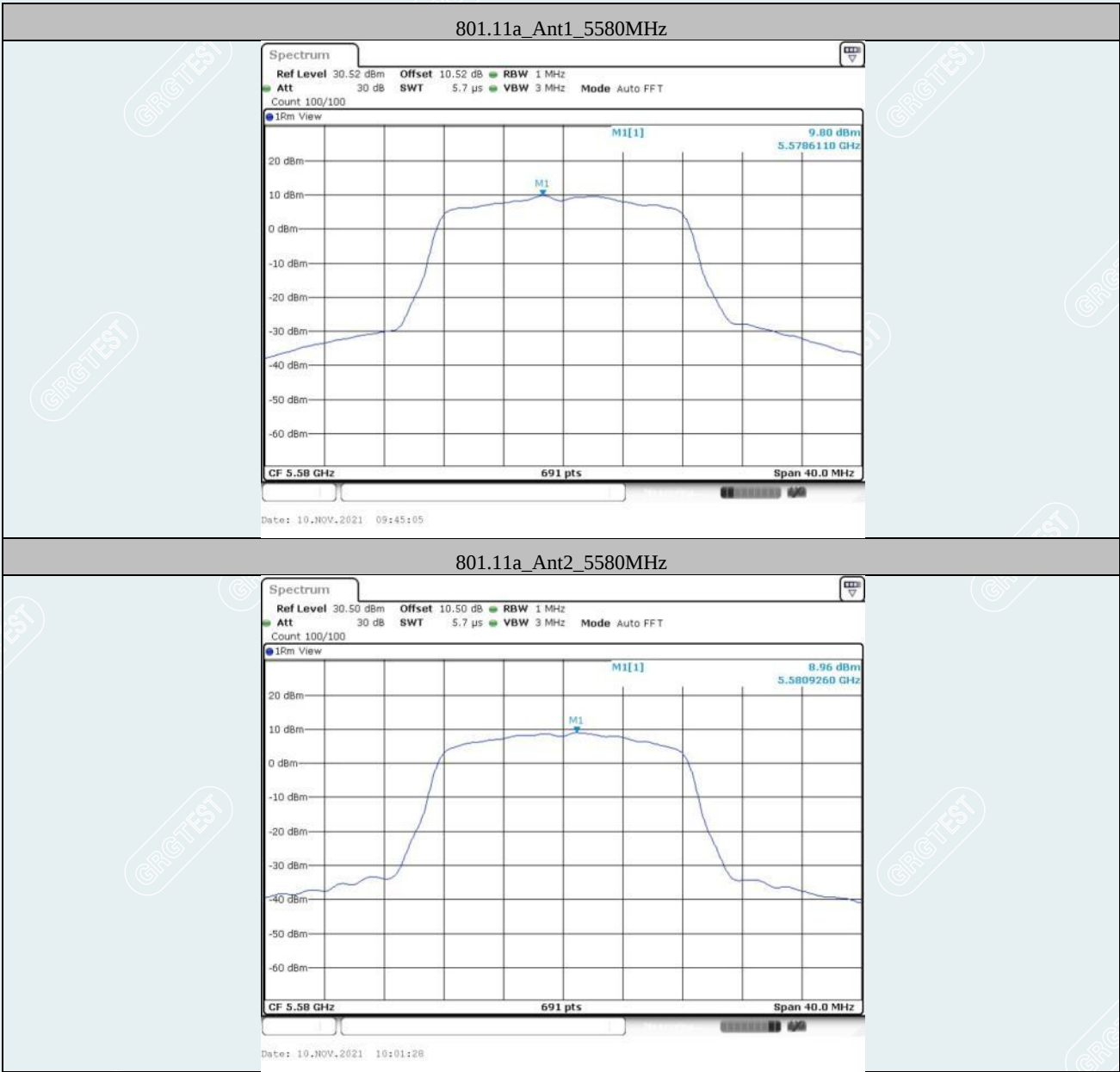
801.11a_Ant2_5260MHz

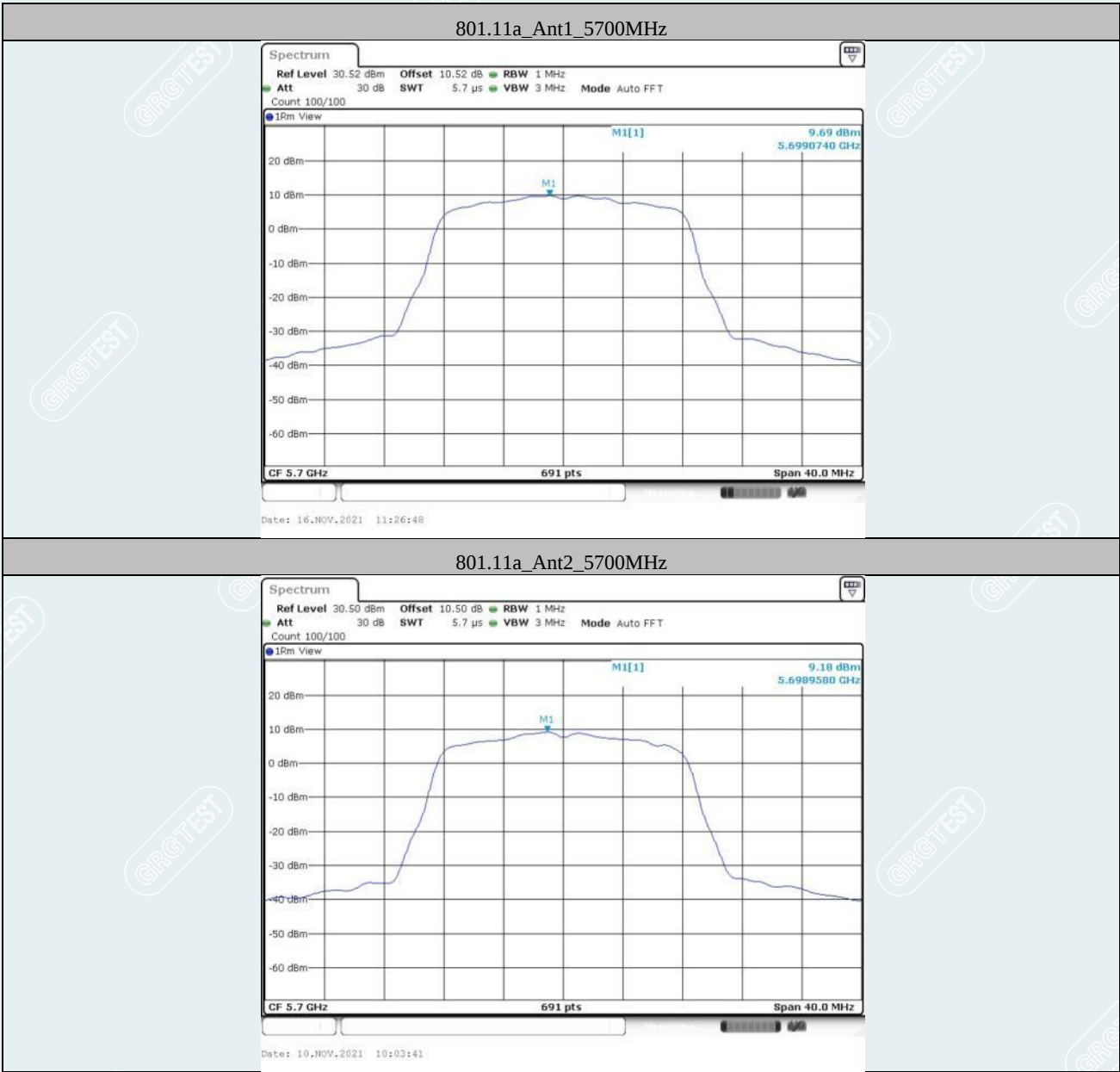


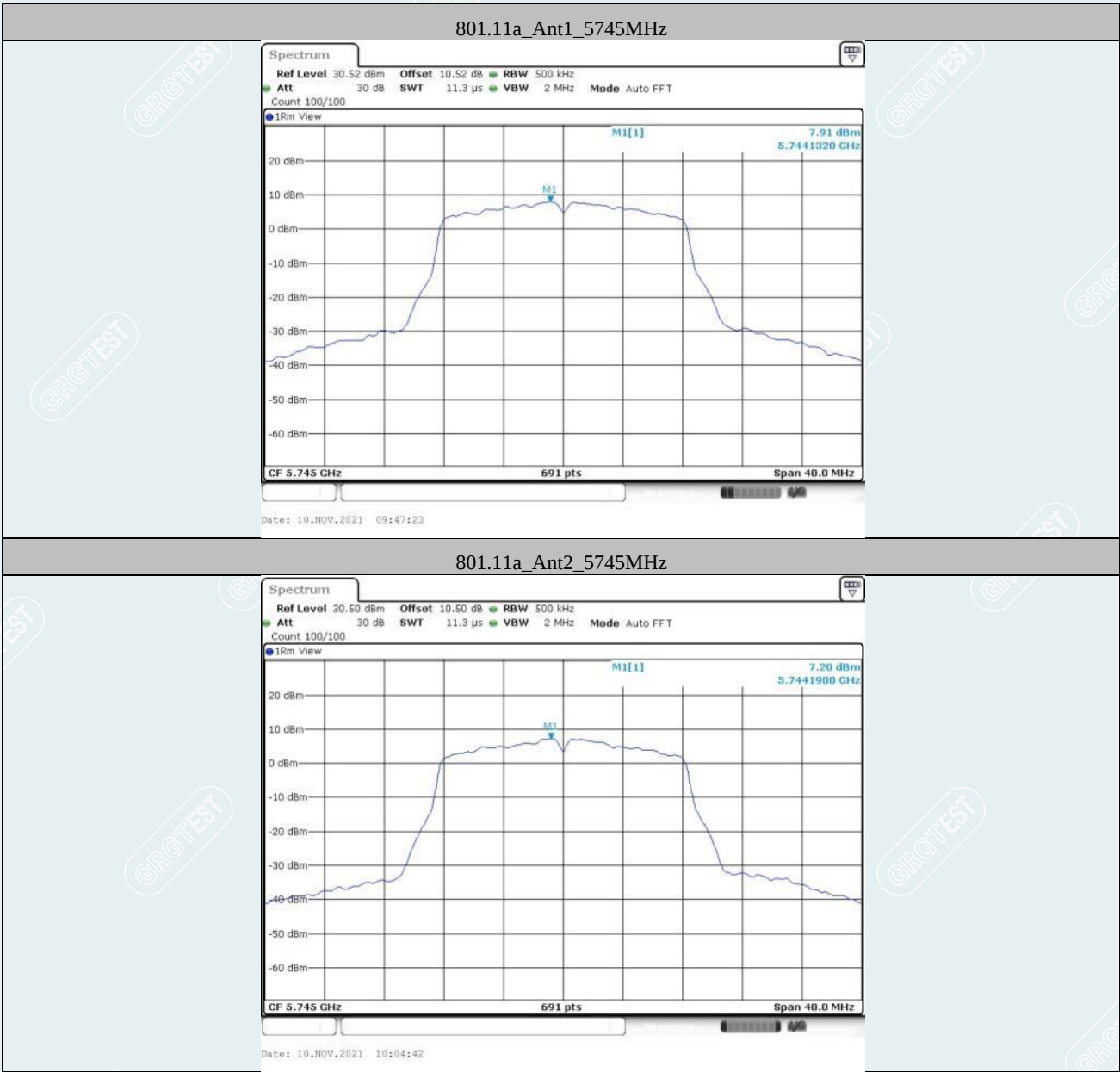










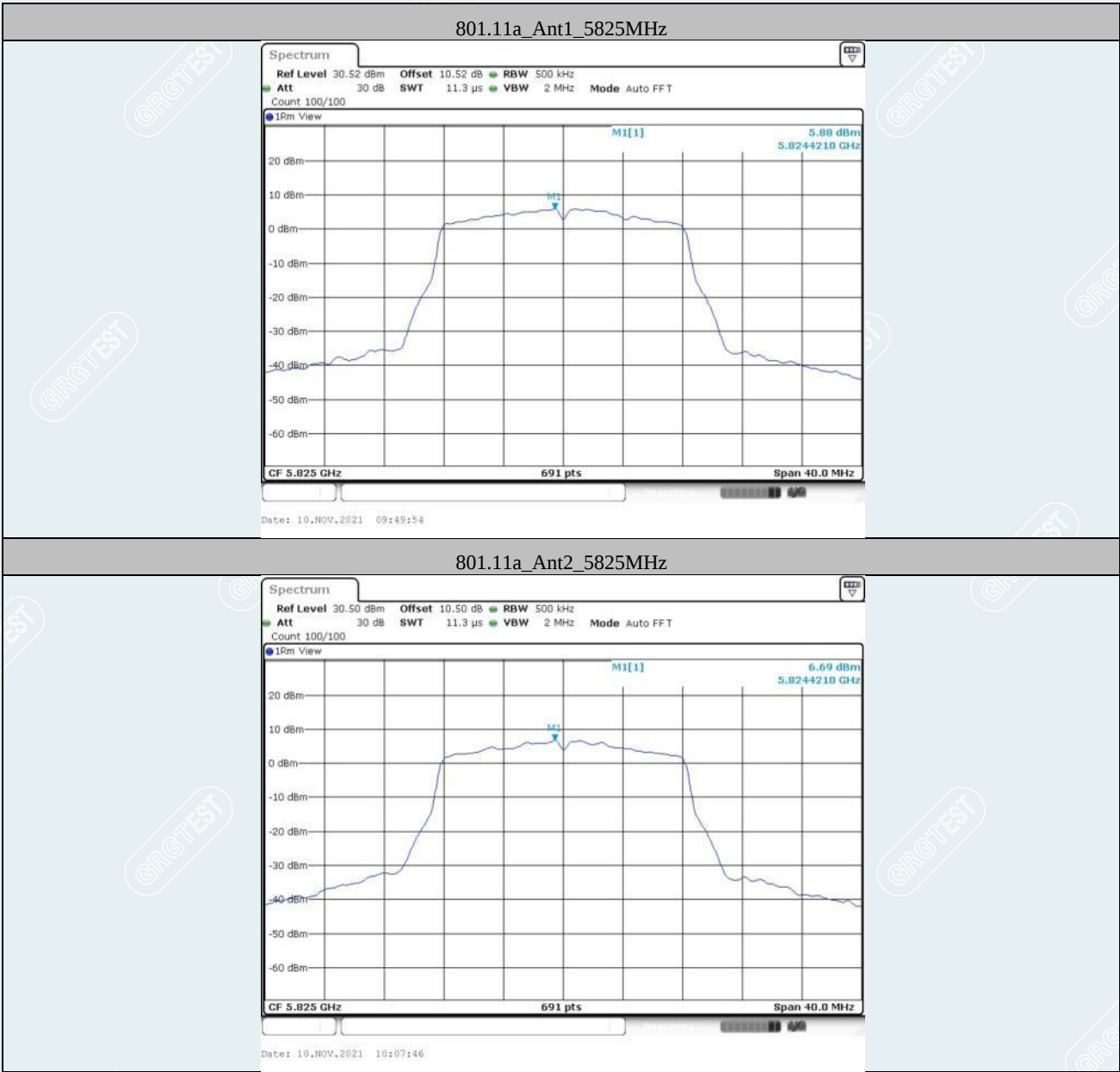


801.11a_Ant1_5785MHz



801.11a_Ant2_5785MHz



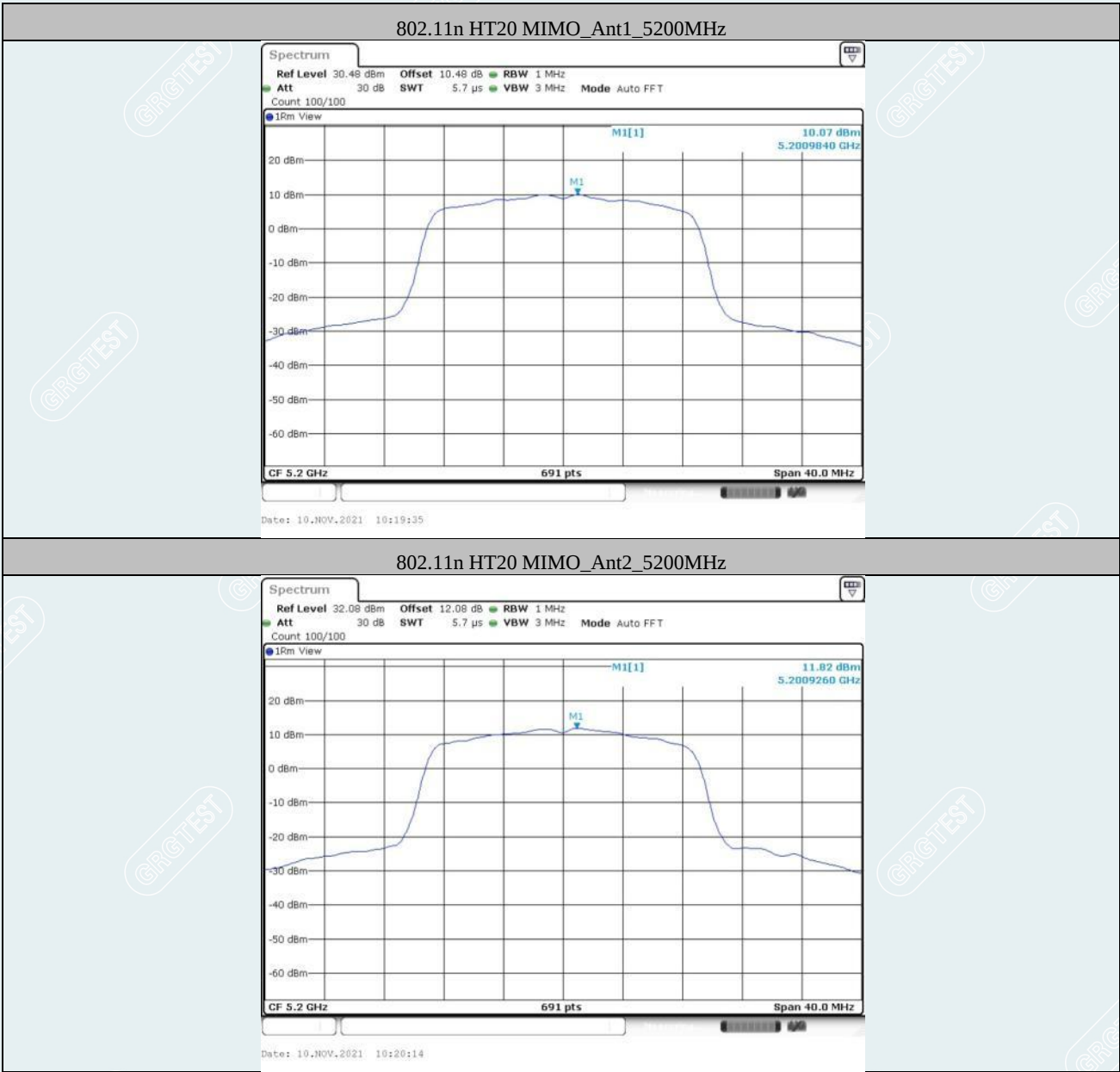


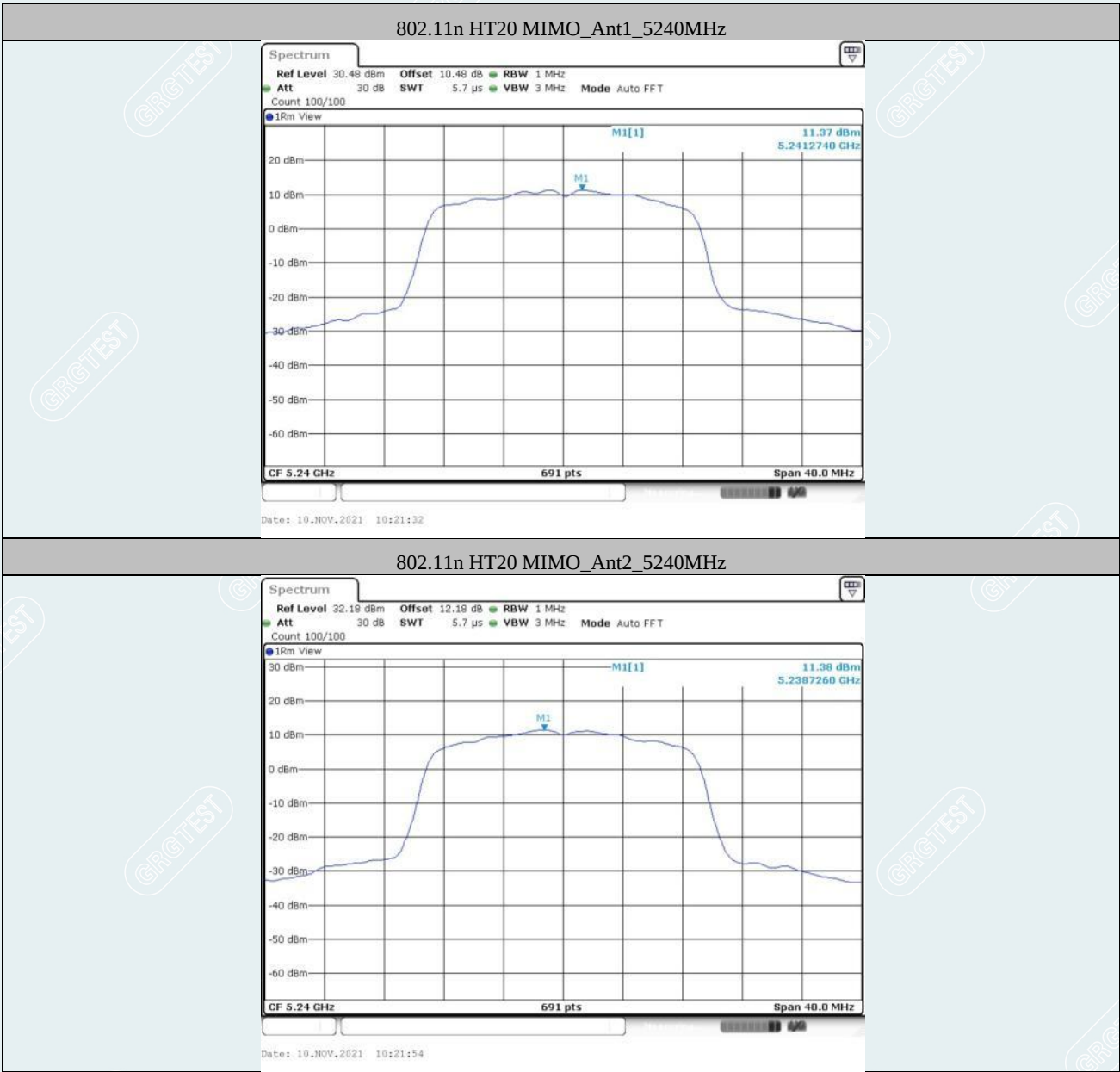
802.11n HT20 MIMO_Ant1_5180MHz



802.11n HT20 MIMO_Ant2_5180MHz





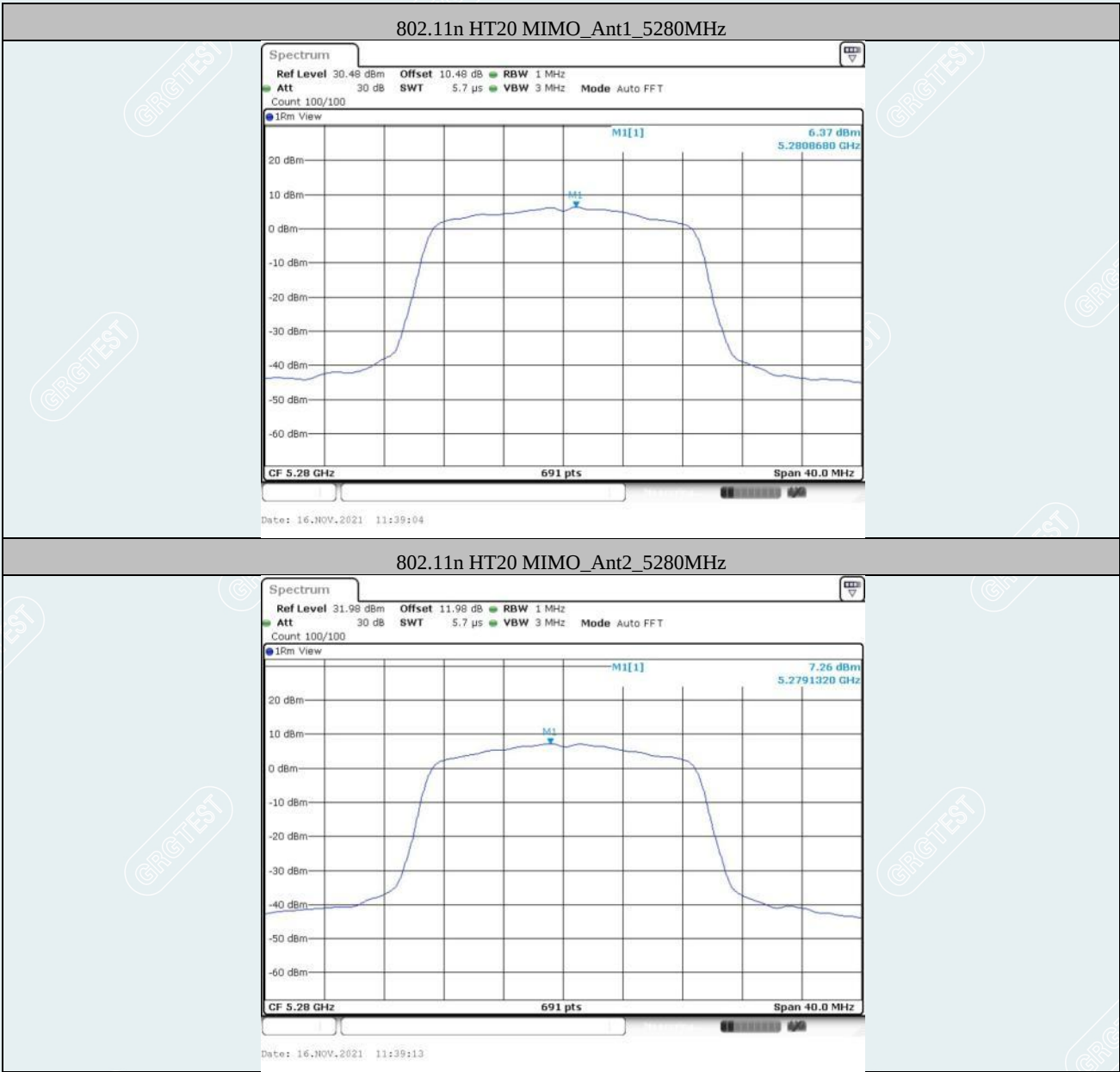


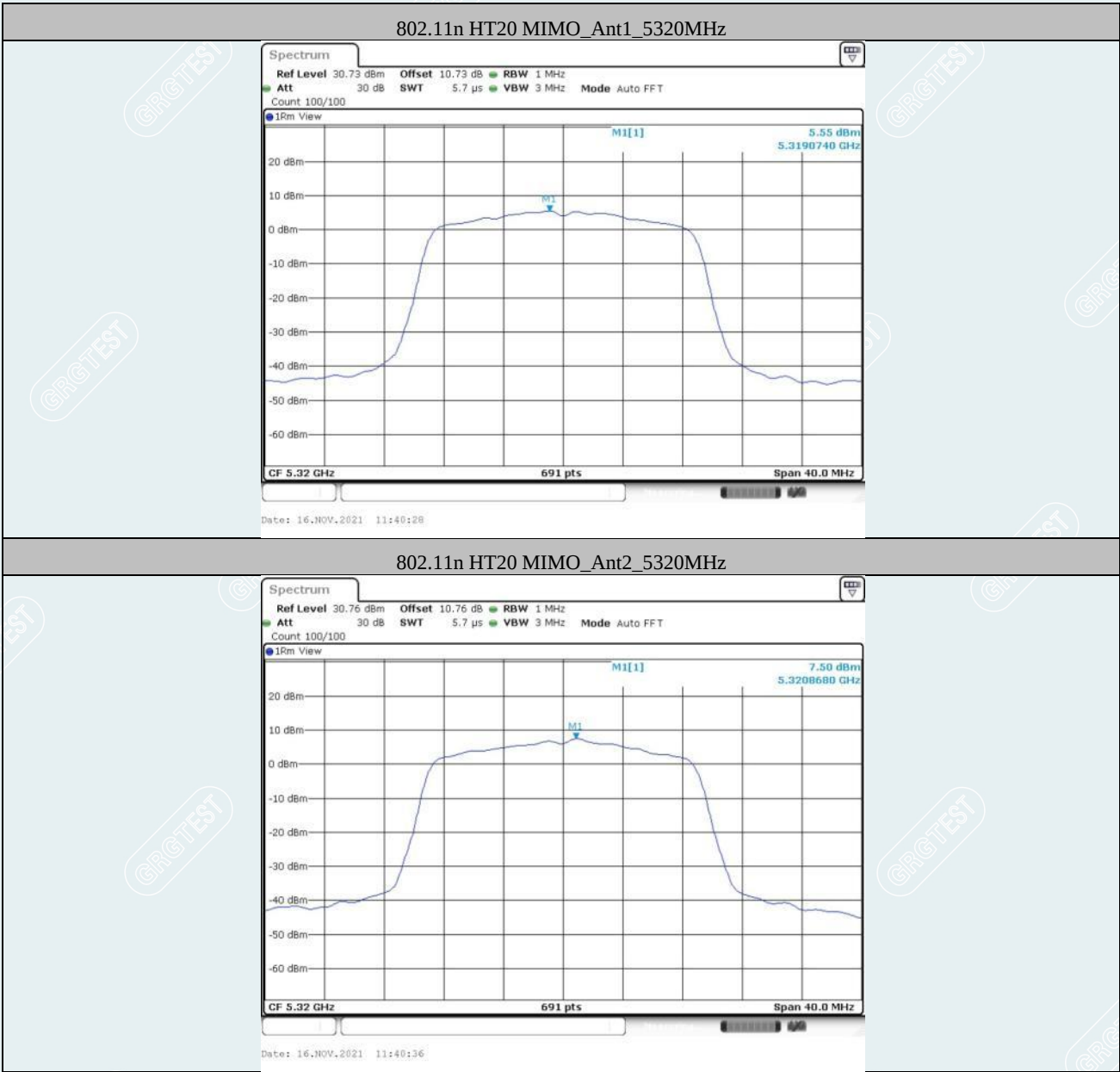
802.11n HT20 MIMO_Ant1_5260MHz

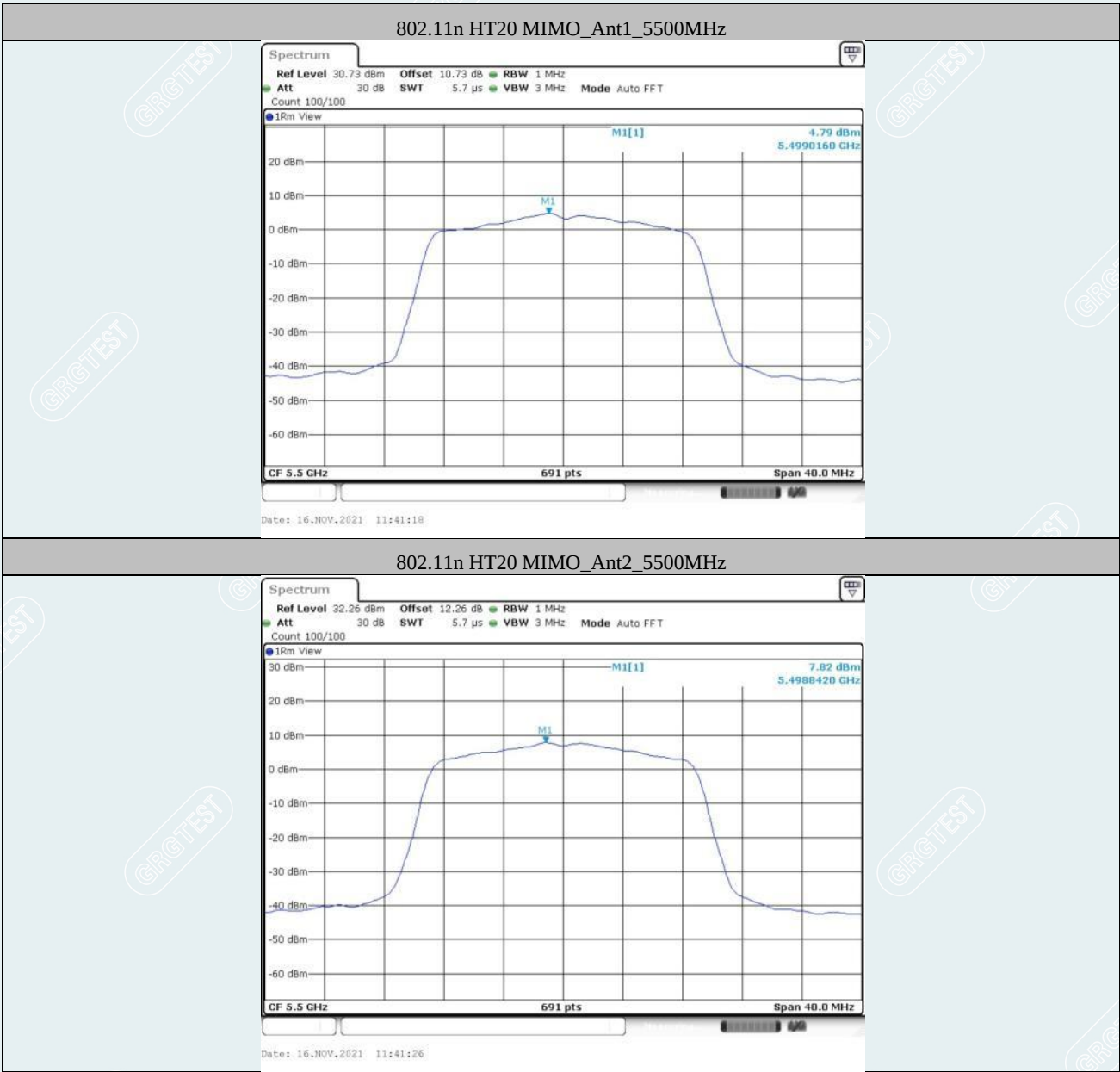


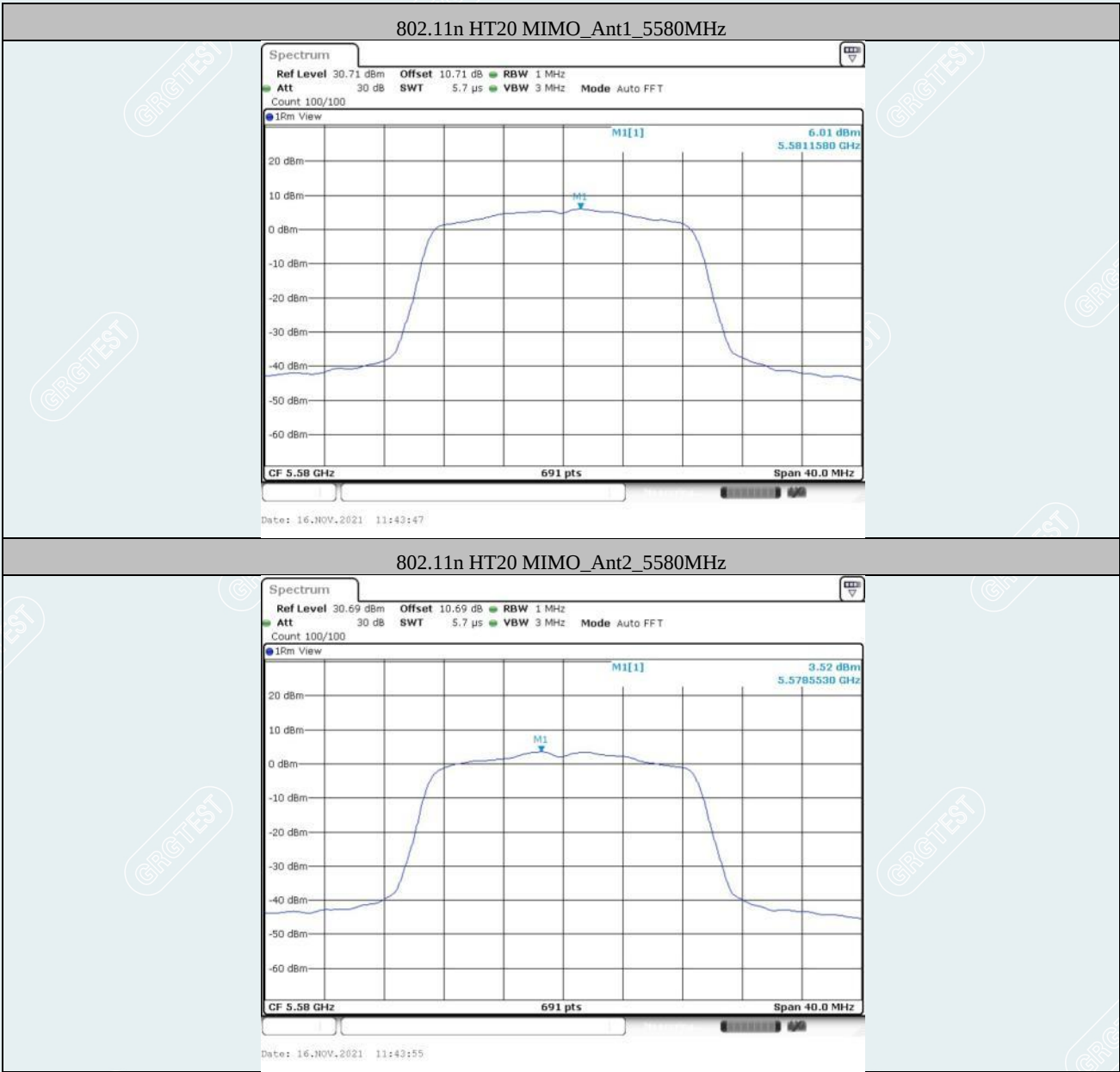
802.11n HT20 MIMO_Ant2_5260MHz











802.11n HT20 MIMO_Ant1_5700MHz



802.11n HT20 MIMO_Ant2_5700MHz

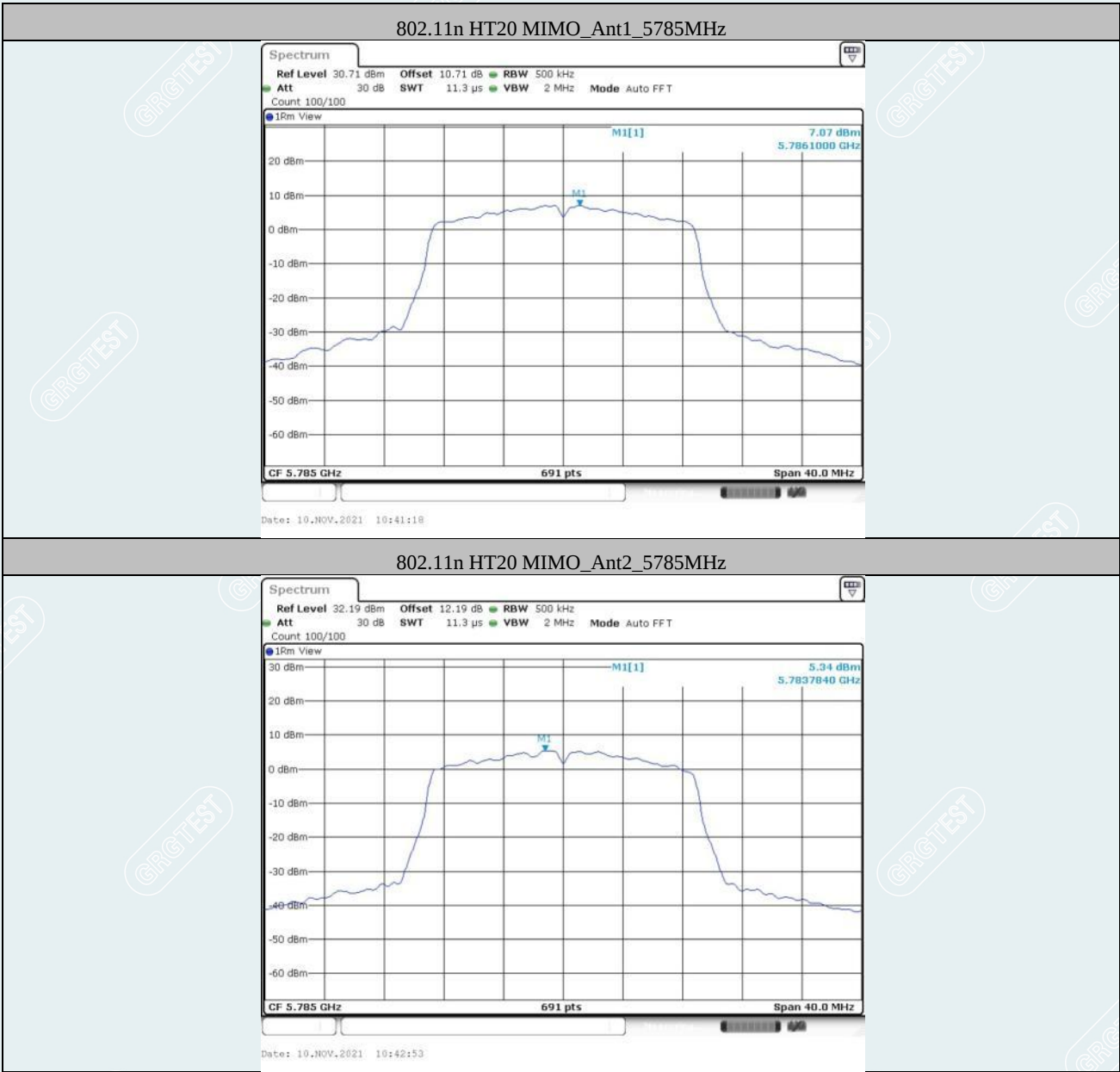


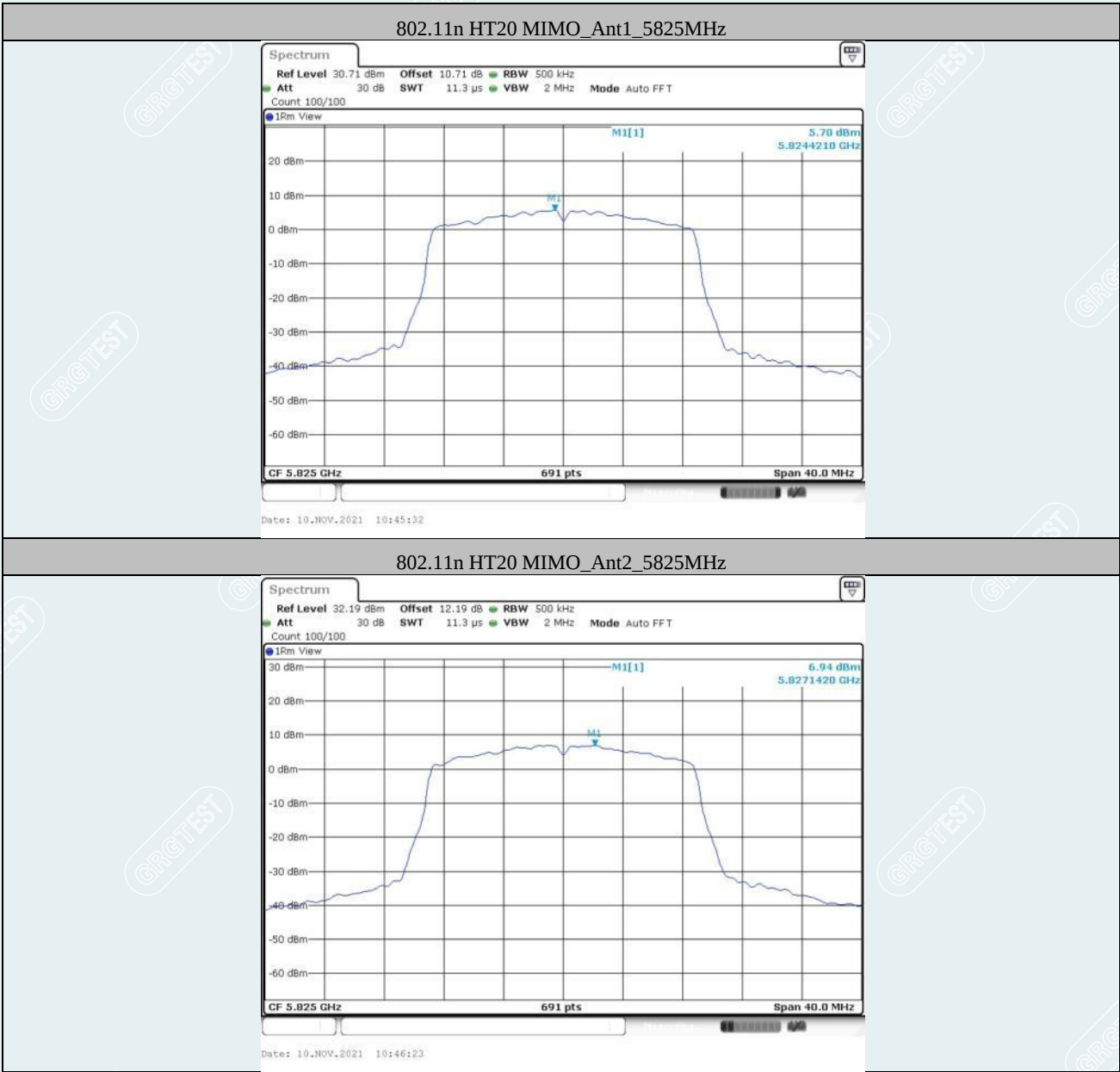
802.11n HT20 MIMO_Ant1_5745MHz



802.11n HT20 MIMO_Ant2_5745MHz







802.11n HT40 MIMO_Ant1_5190MHz



802.11n HT40 MIMO_Ant2_5190MHz

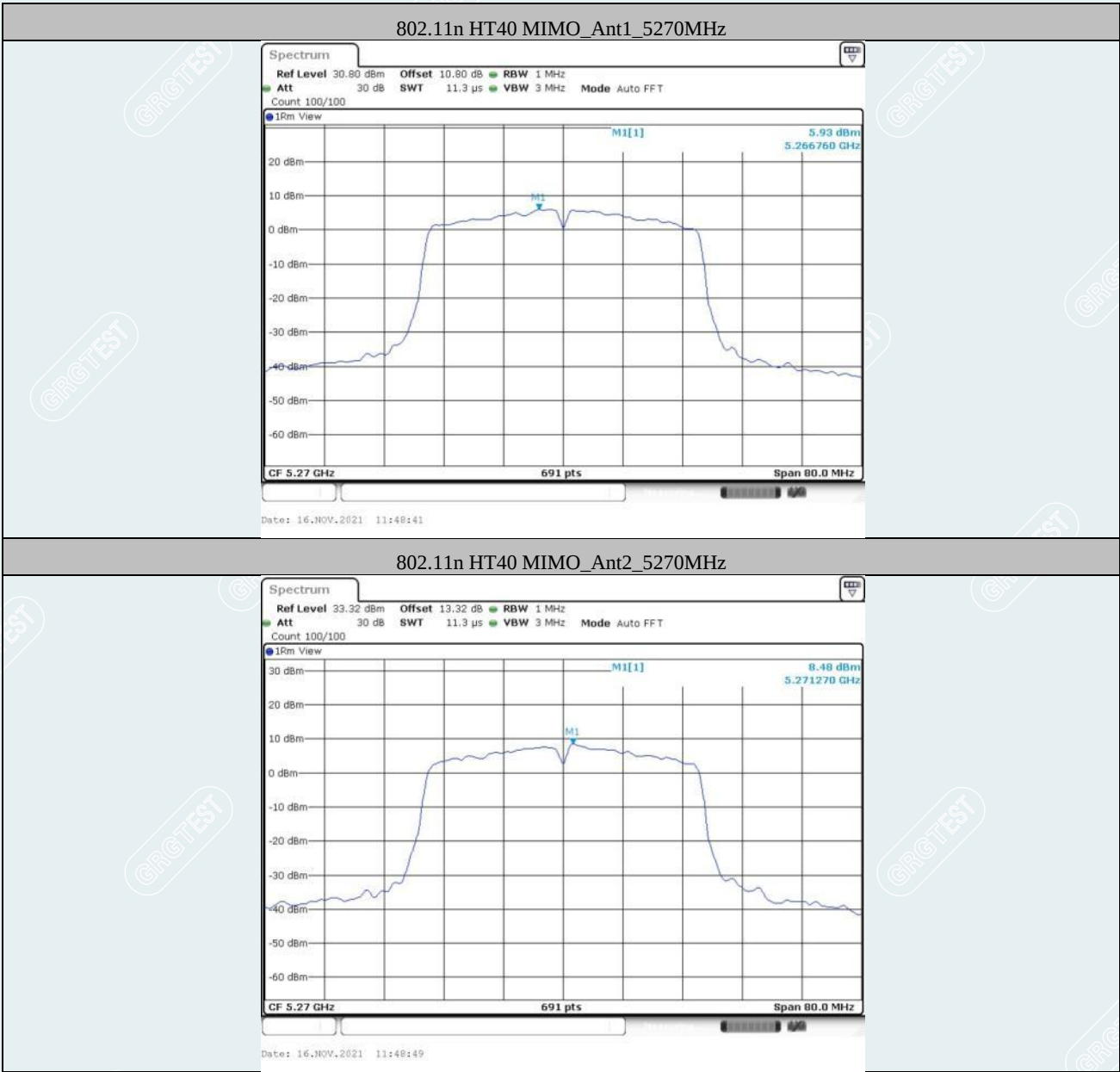


802.11n HT40 MIMO_Ant1_5230MHz



802.11n HT40 MIMO_Ant2_5230MHz

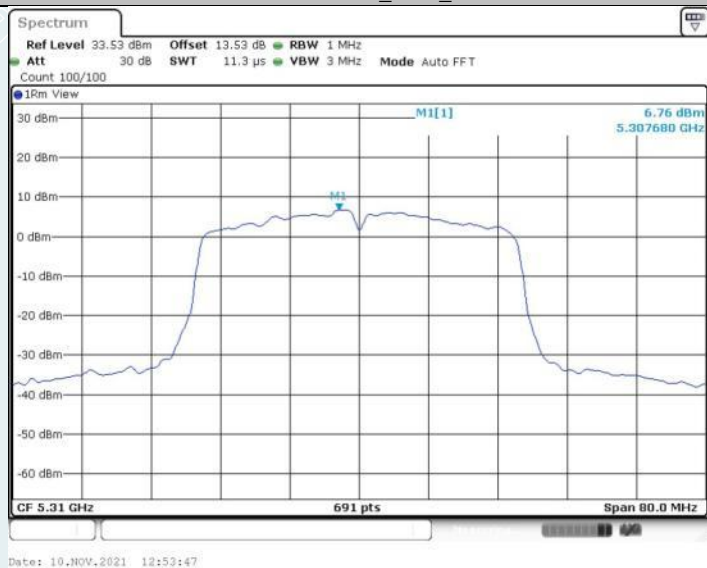


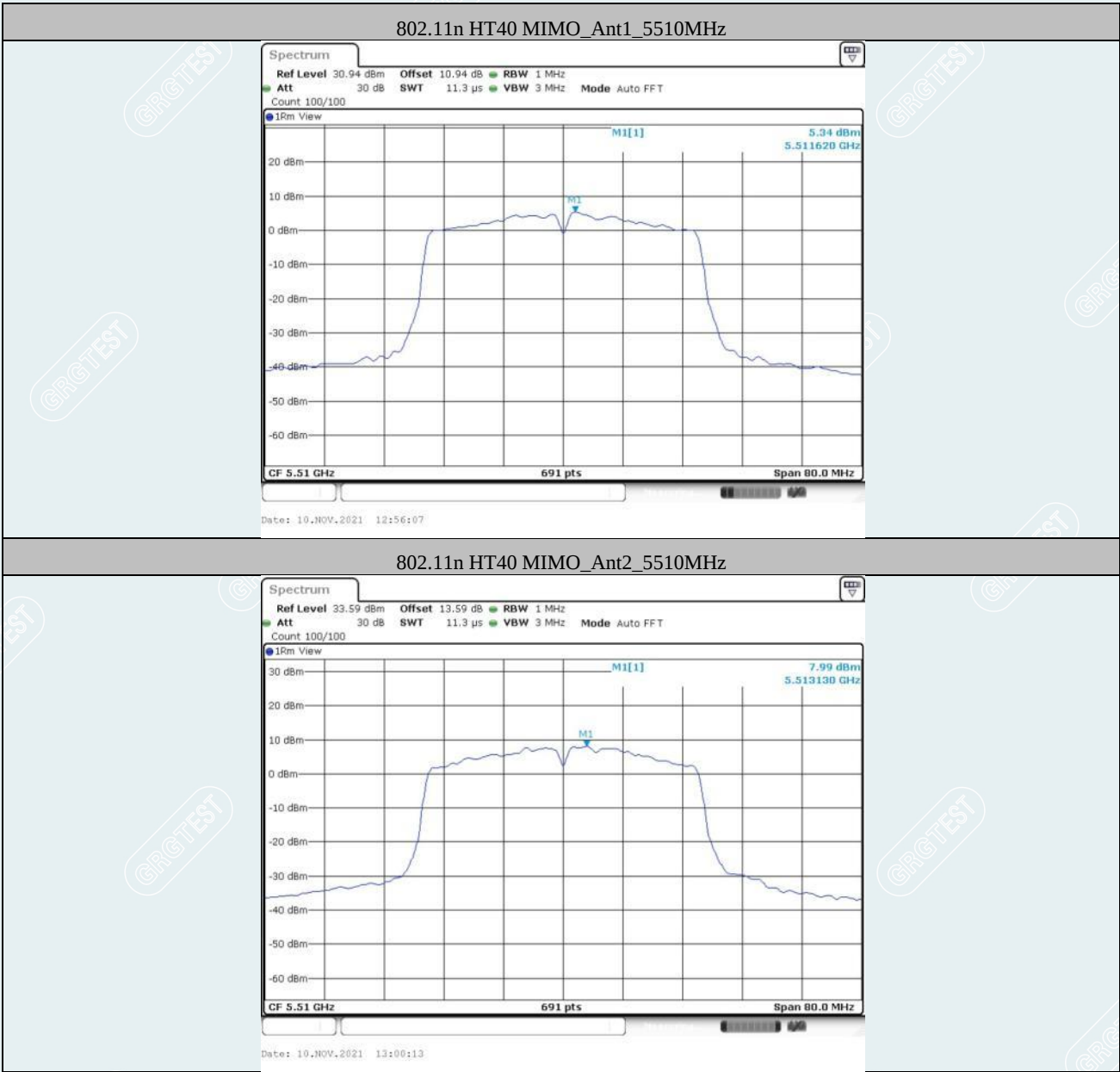


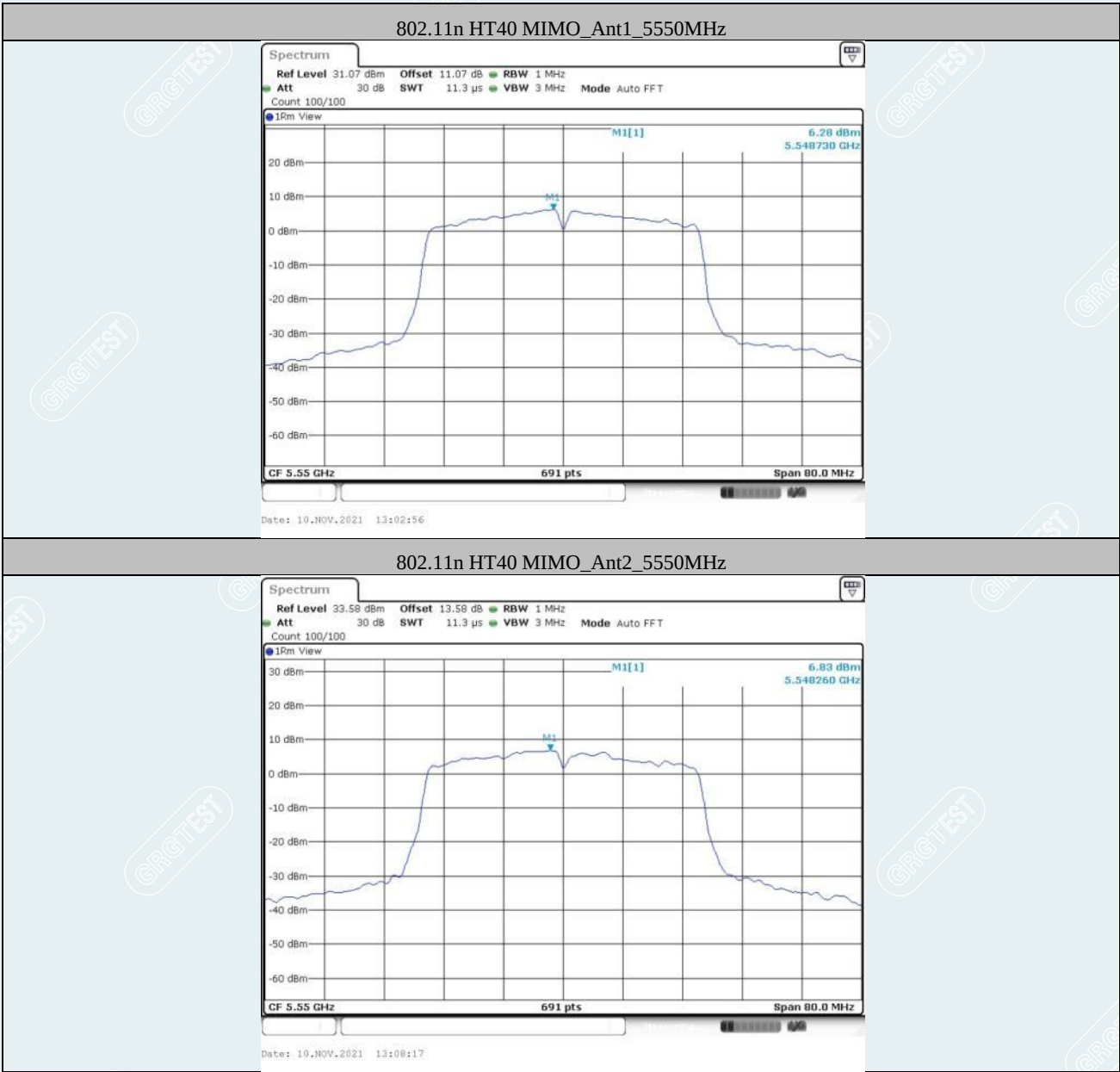
802.11n HT40 MIMO_Ant1_5310MHz



802.11n HT40 MIMO_Ant2_5310MHz







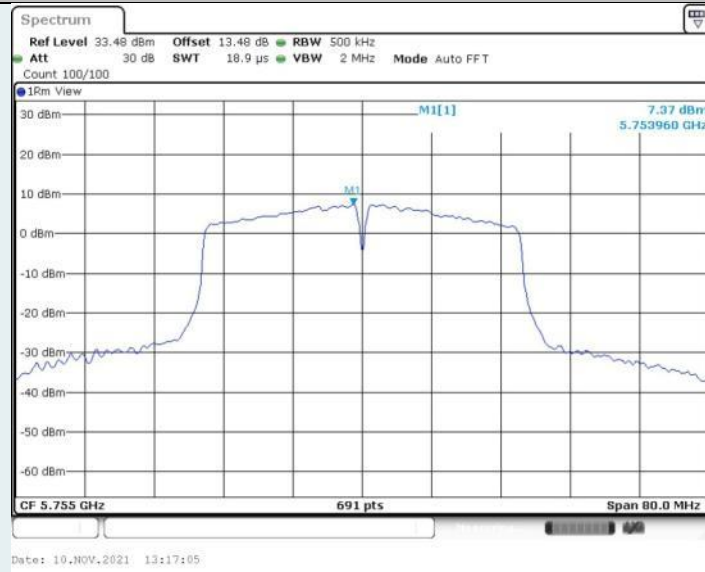
802.11n HT40 MIMO_Ant1_5670MHz



802.11n HT40 MIMO_Ant2_5670MHz



802.11n HT40 MIMO_Ant1_5755MHz



802.11n HT40 MIMO_Ant2_5755MHz

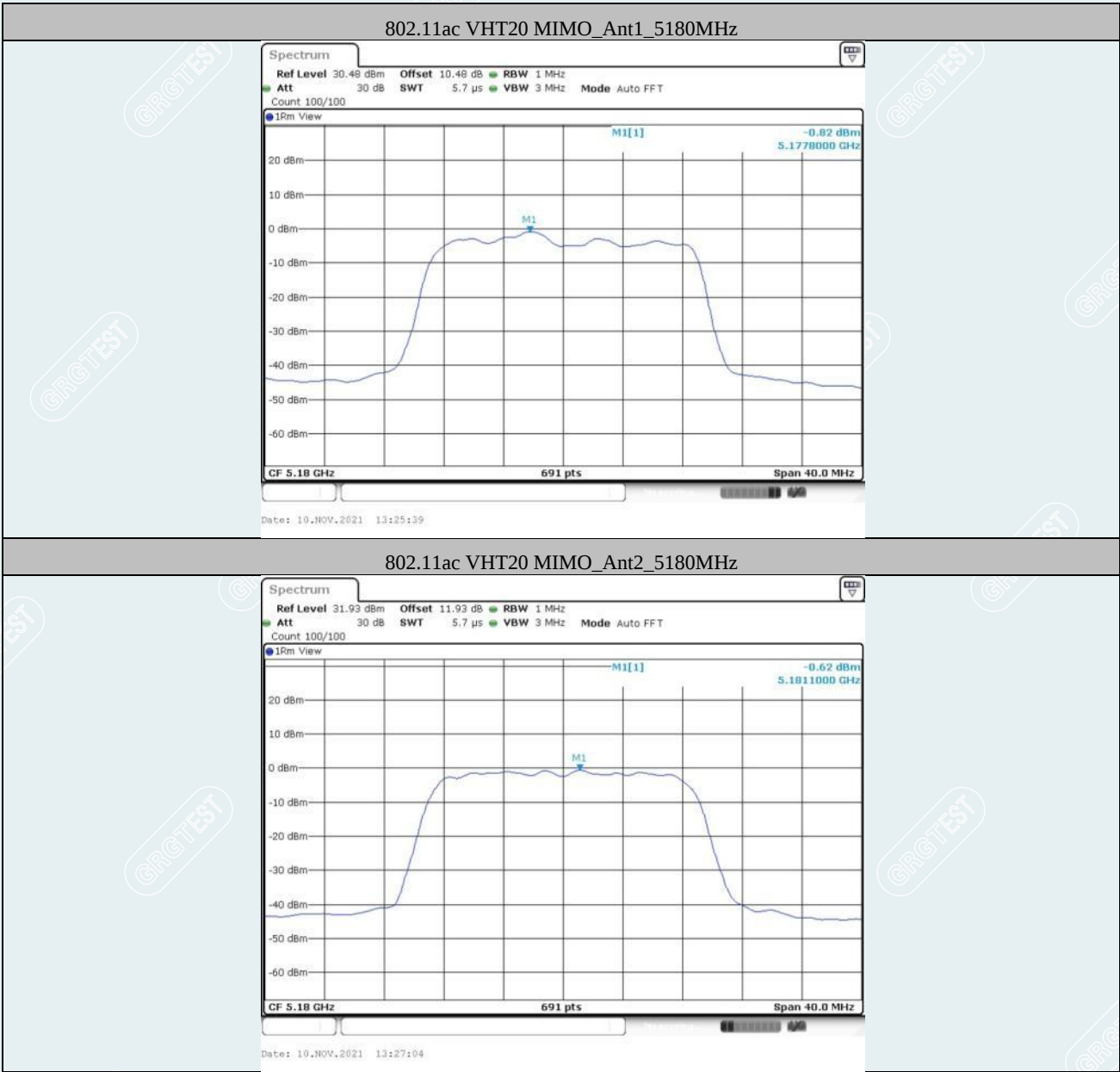


802.11n HT40 MIMO_Ant1_5795MHz



802.11n HT40 MIMO_Ant2_5795MHz

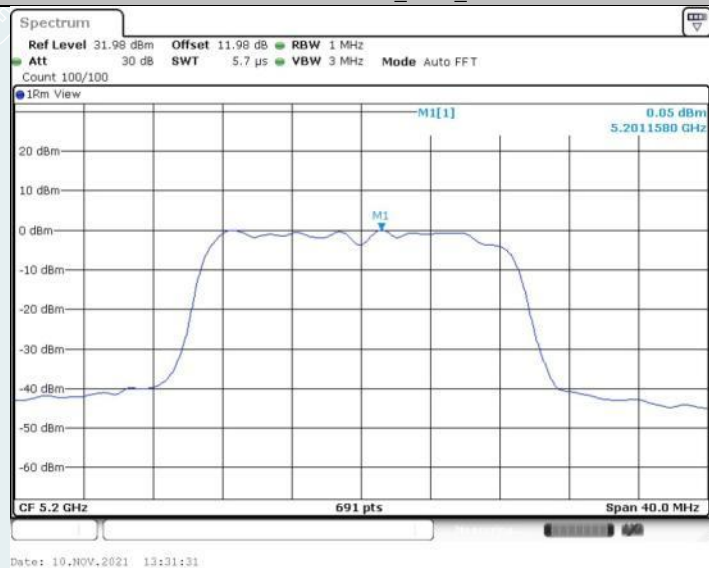


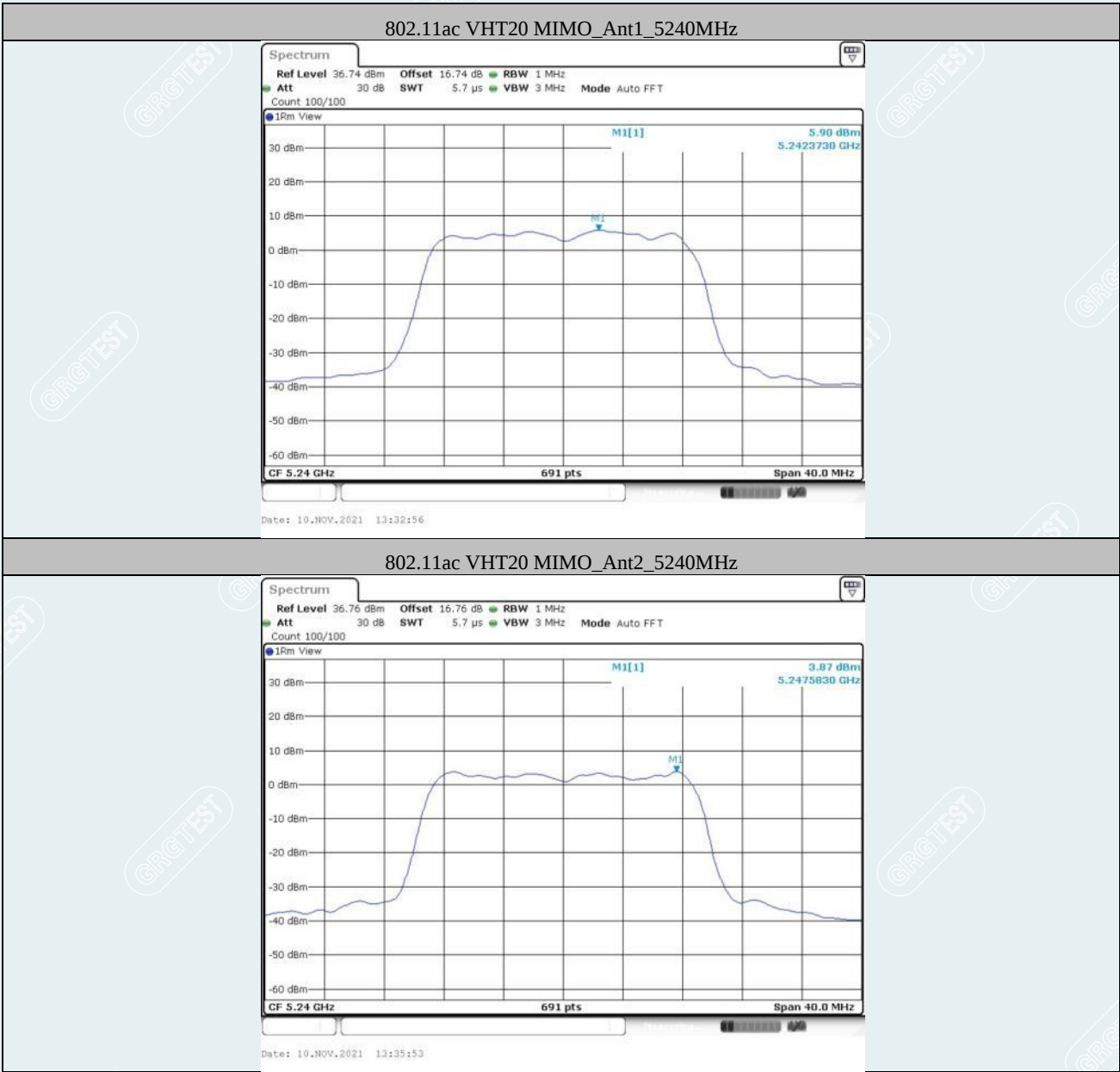


802.11ac VHT20 MIMO_Ant1_5200MHz



802.11ac VHT20 MIMO_Ant2_5200MHz





802.11ac VHT20 MIMO_Ant1_5260MHz



802.11ac VHT20 MIMO_Ant2_5260MHz

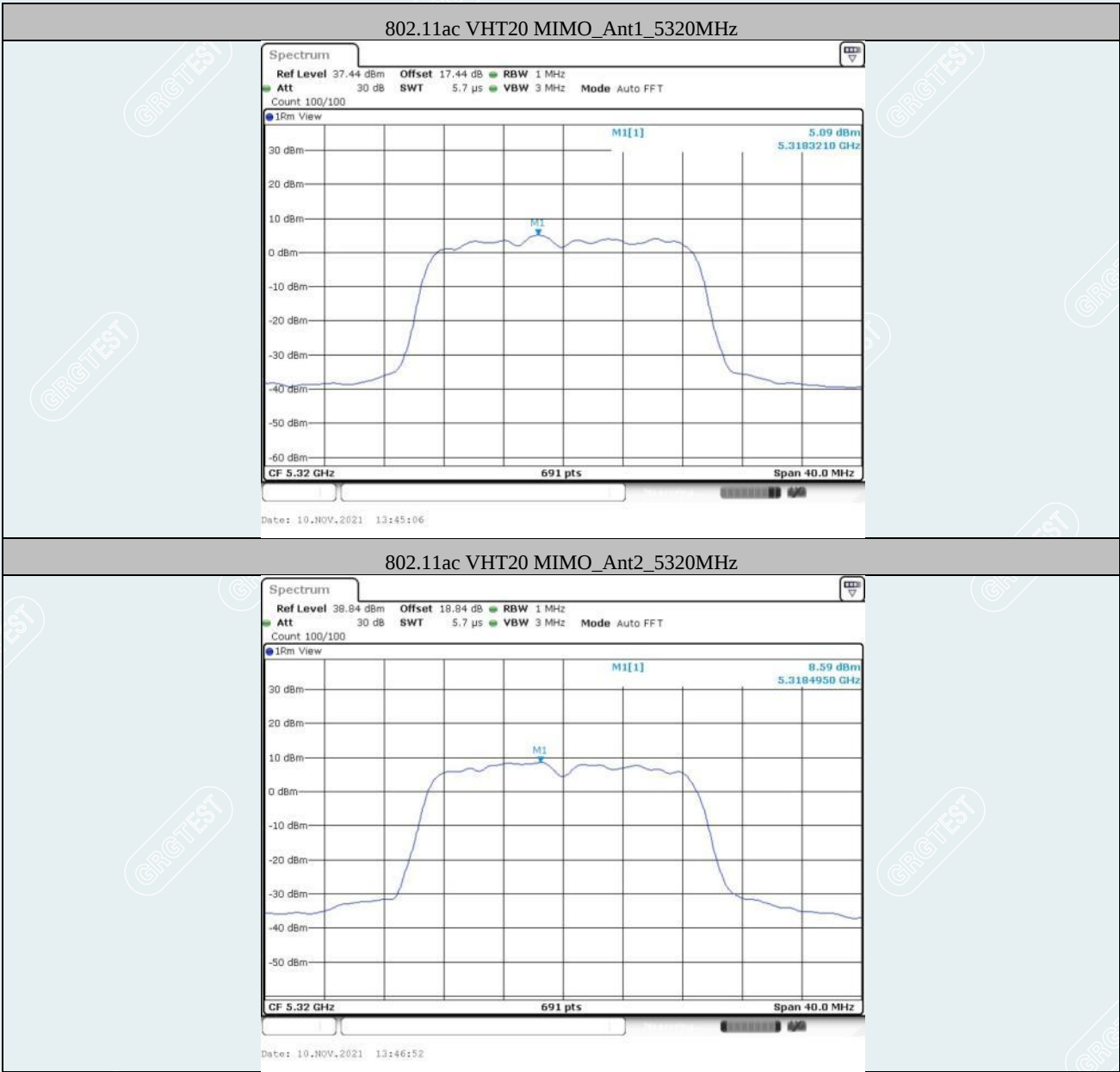


802.11ac VHT20 MIMO_Ant1_5280MHz



802.11ac VHT20 MIMO_Ant2_5280MHz



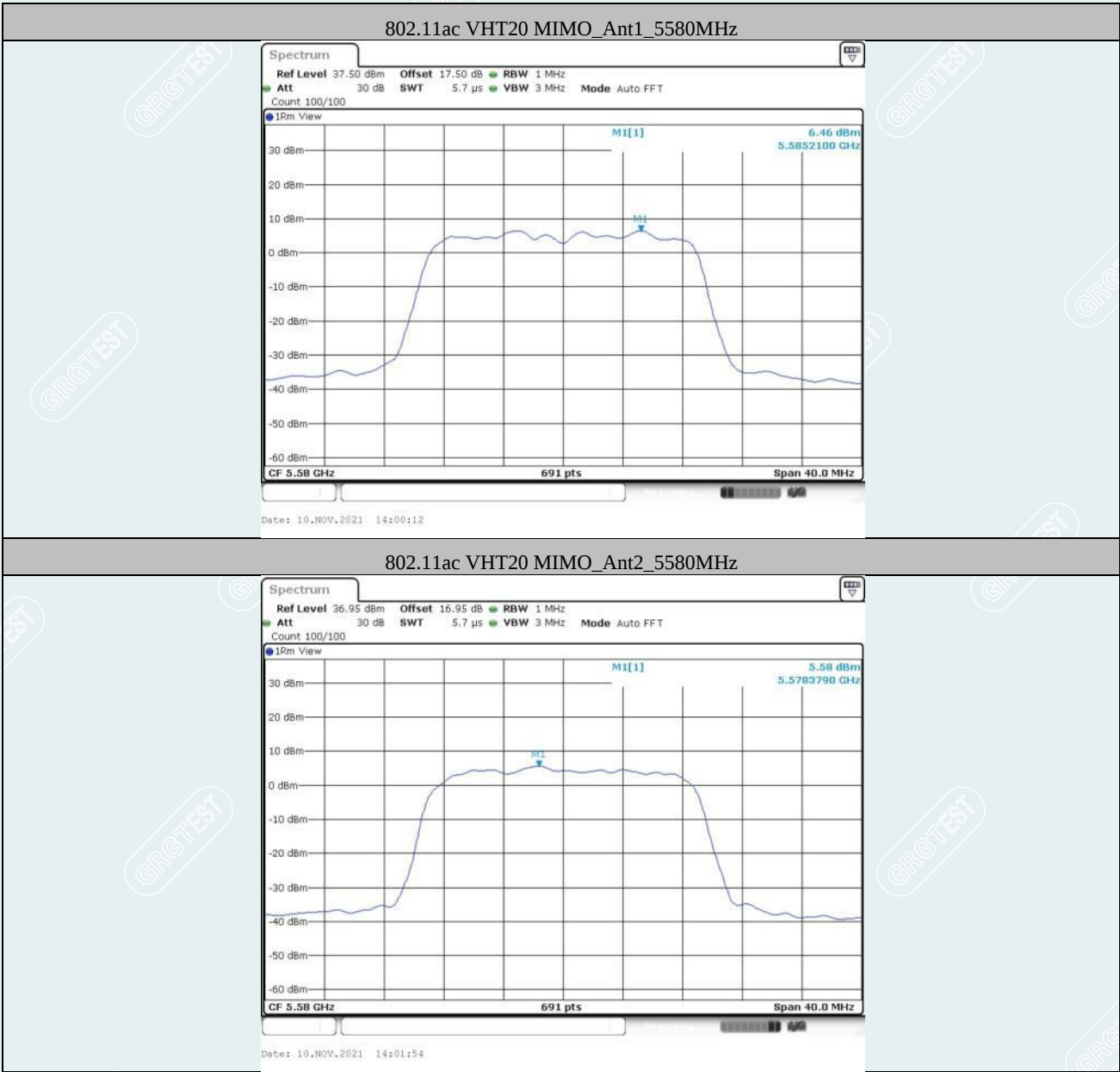


802.11ac VHT20 MIMO_Ant1_5500MHz



802.11ac VHT20 MIMO_Ant2_5500MHz





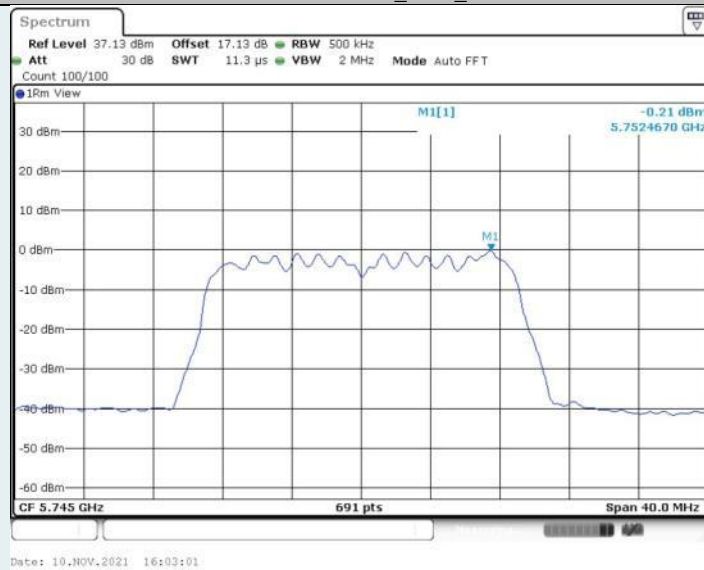
802.11ac VHT20 MIMO_Ant1_5700MHz



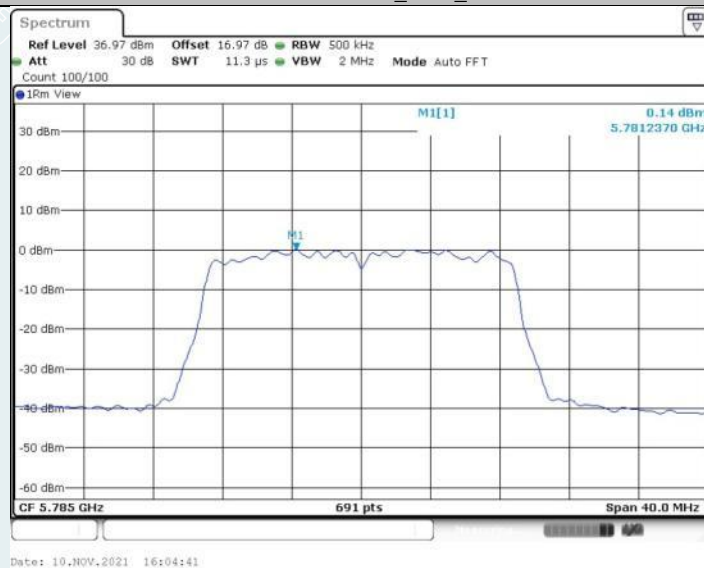
802.11ac VHT20 MIMO_Ant2_5700MHz



802.11ac VHT20 MIMO_Ant2_5745MHz



802.11ac VHT20 MIMO_Ant1_5785MHz



802.11ac VHT20 MIMO_Ant2_5785MHz



802.11ac VHT20 MIMO_Ant1_5825MHz



802.11ac VHT20 MIMO_Ant2_5825MHz



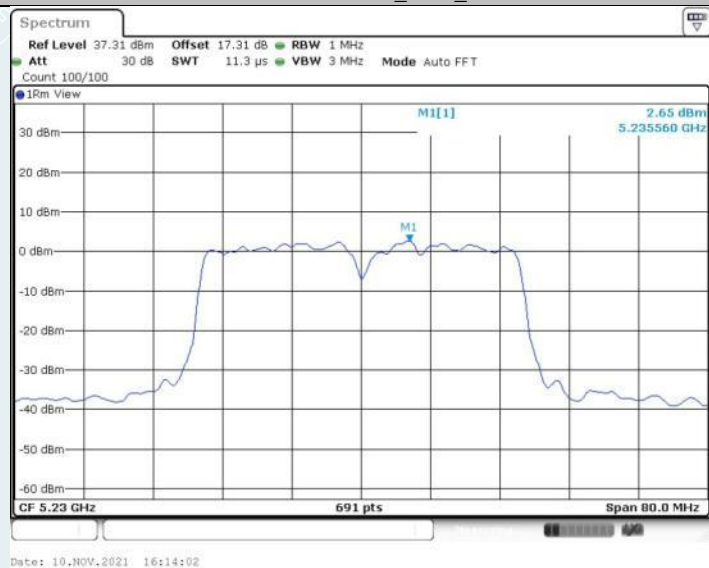
802.11ac VHT40 MIMO_Ant1_5190MHz



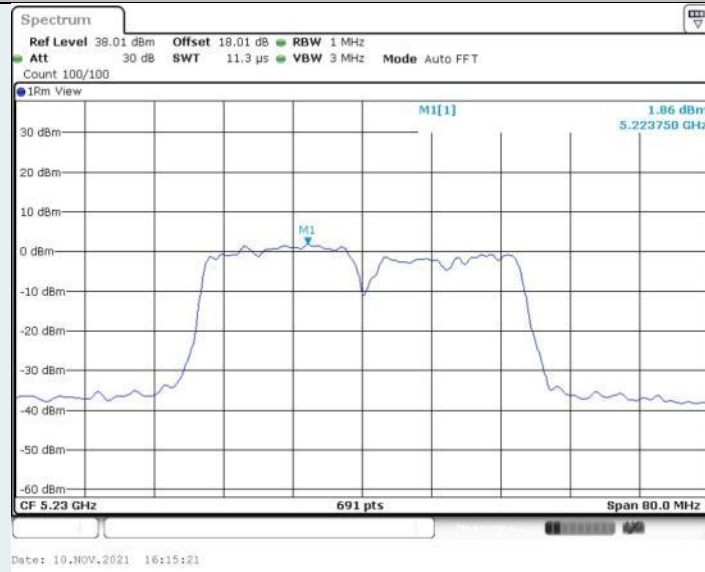
802.11ac VHT40 MIMO_Ant2_5190MHz



802.11ac VHT40 MIMO_Ant1_5230MHz



802.11ac VHT40 MIMO_Ant2_5230MHz



802.11ac VHT40 MIMO_Ant1_5270MHz

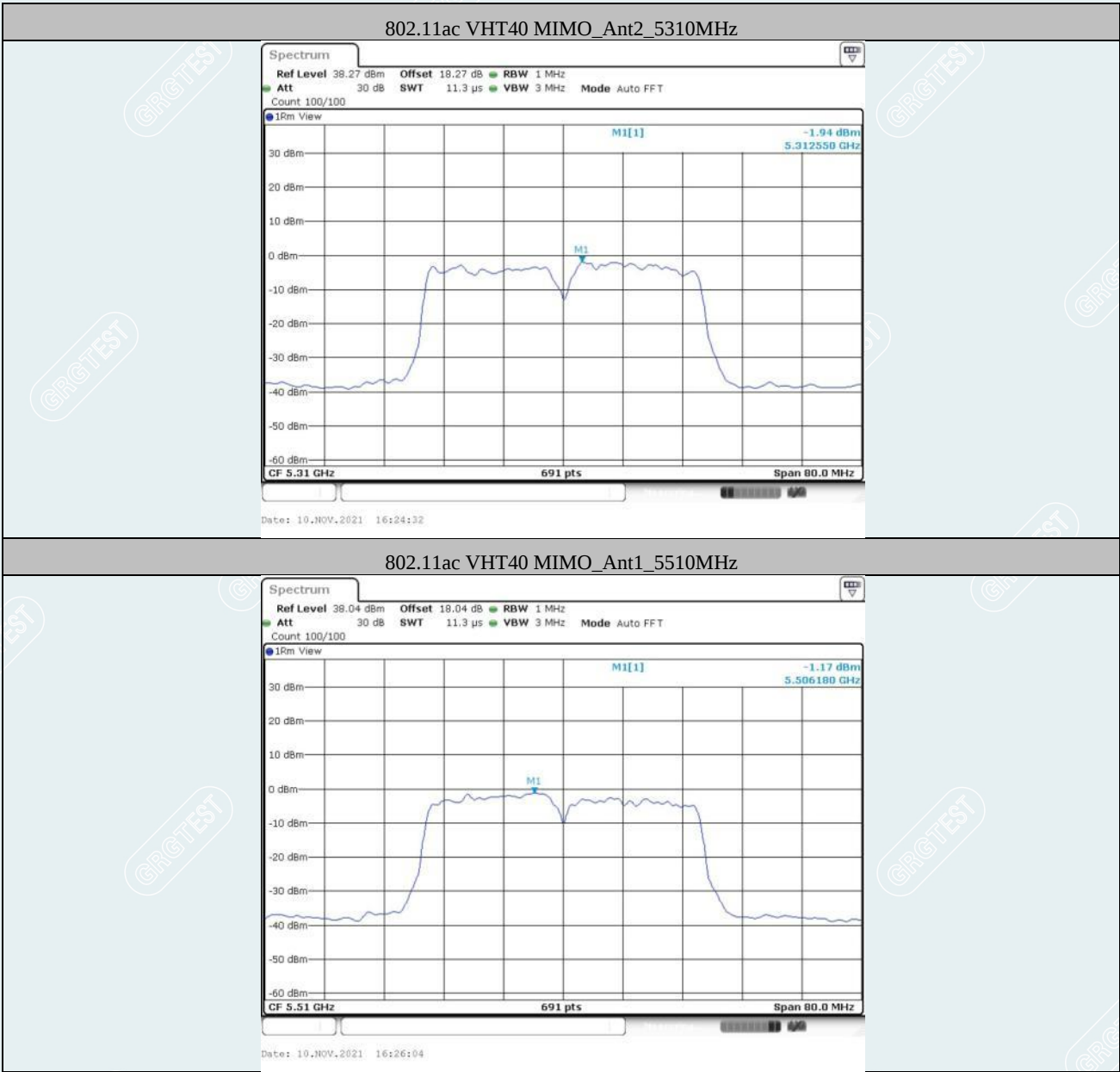


802.11ac VHT40 MIMO_Ant2_5270MHz



802.11ac VHT40 MIMO_Ant1_5310MHz





802.11ac VHT40 MIMO_Ant2_5510MHz



802.11ac VHT40 MIMO_Ant1_5550MHz



802.11ac VHT40 MIMO_Ant2_5550MHz



802.11ac VHT40 MIMO_Ant1_5670MHz

