

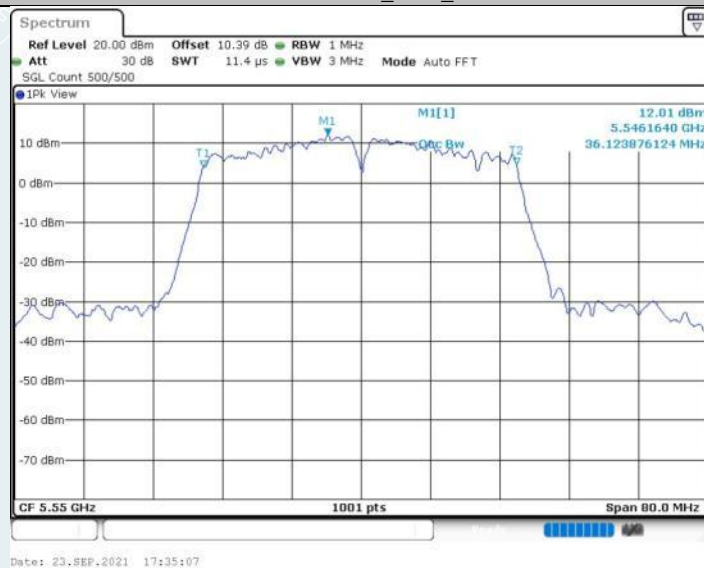




802.11n HT40 MIMO_Ant1_5550MHz



802.11n HT40 MIMO_Ant2_5550MHz





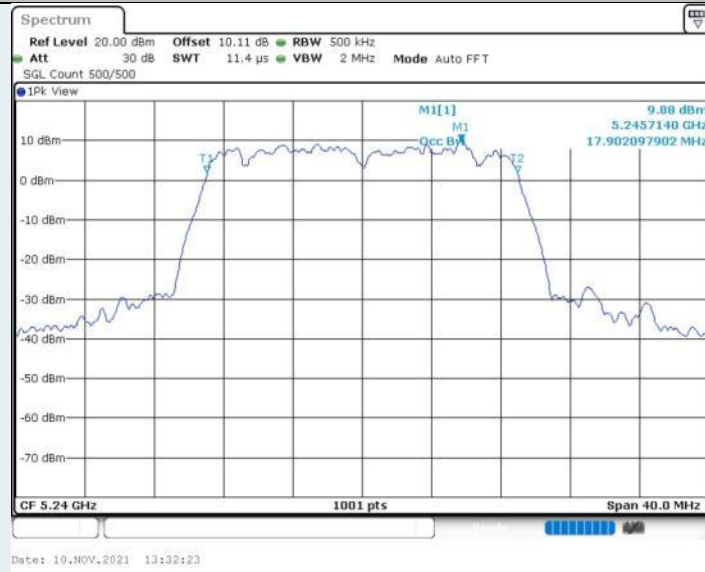








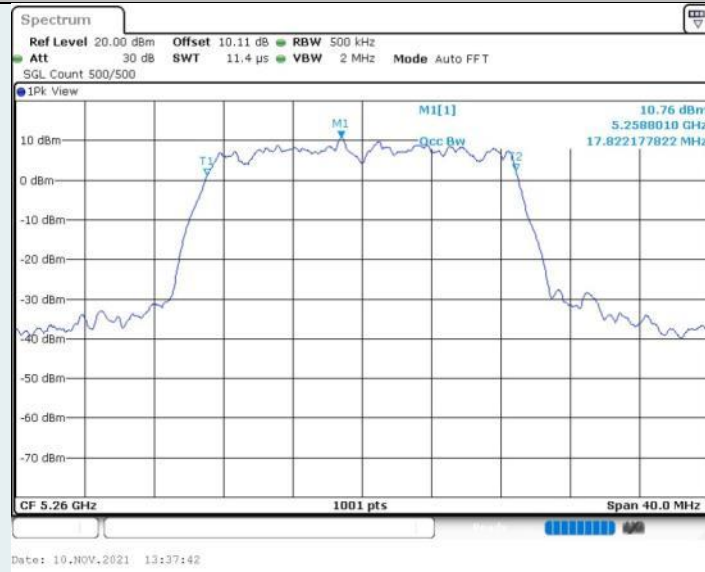
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802.11ac VHT20 MIMO_Ant2_5240MHz



802.11ac VHT20 MIMO_Ant1_5260MHz



802.11ac VHT20 MIMO_Ant2_5260MHz





802.11ac VHT20 MIMO_Ant1_5320MHz



802.11ac VHT20 MIMO_Ant2_5320MHz







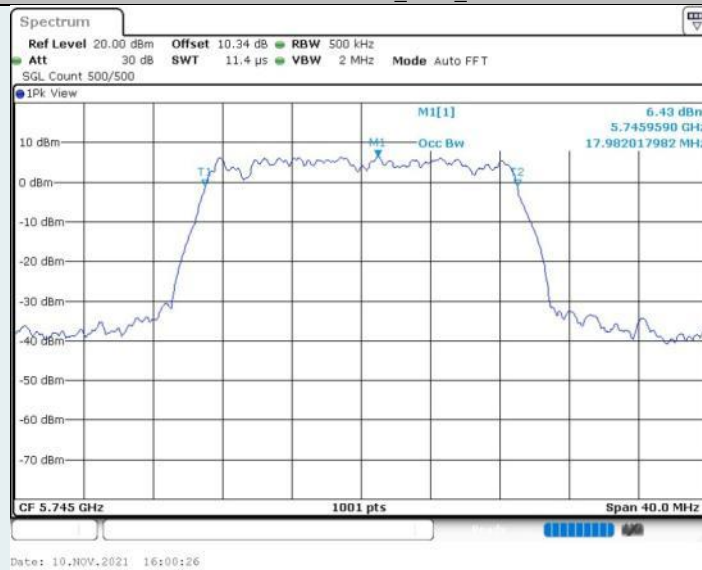
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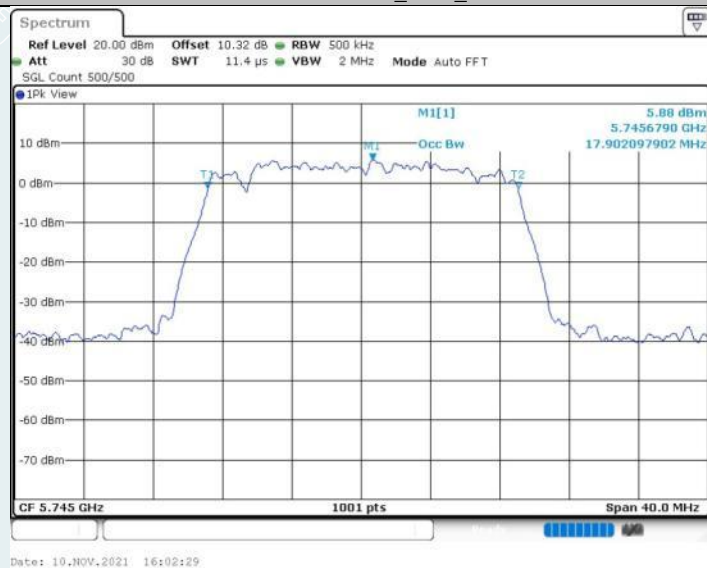
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802.11ac VHT20 MIMO_Ant1_5745MHz



802.11ac VHT20 MIMO_Ant2_5745MHz





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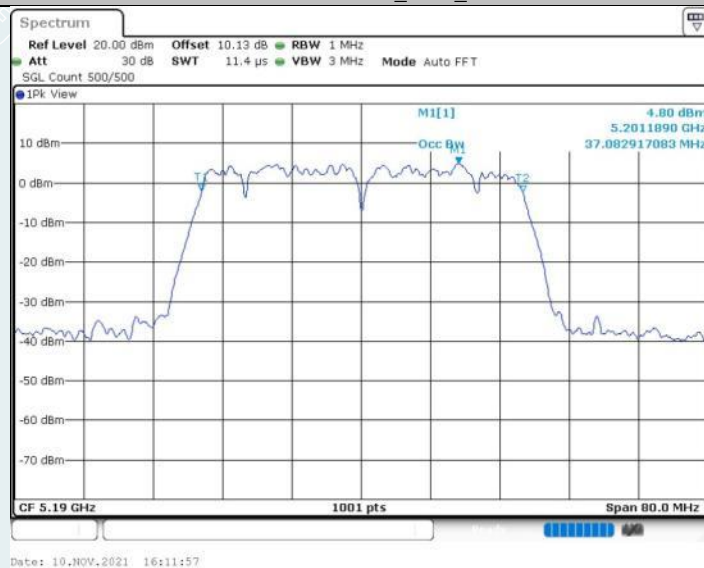
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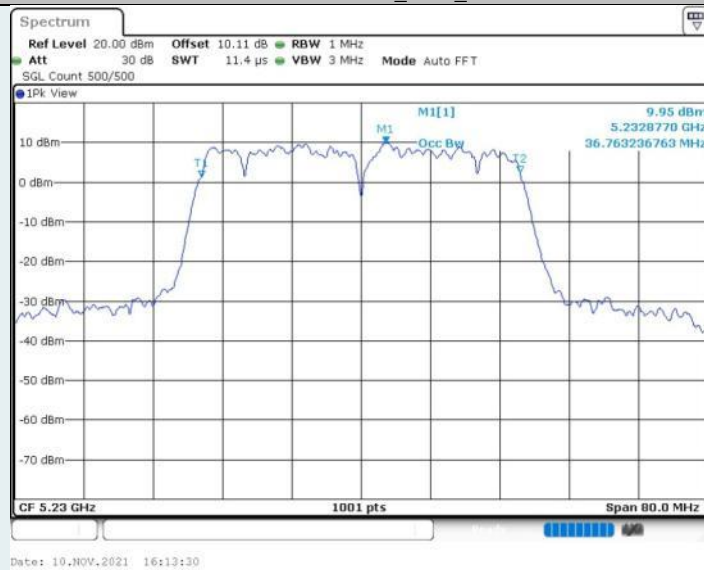
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802.11ac VHT40 MIMO_Ant2_5190MHz



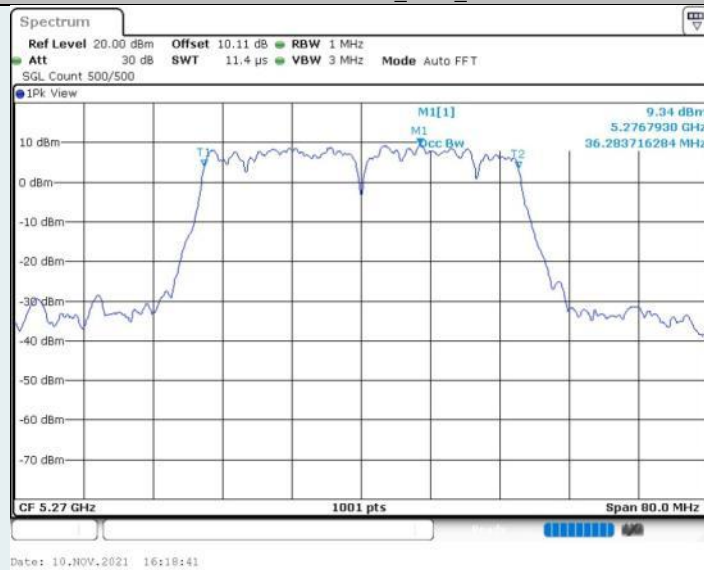
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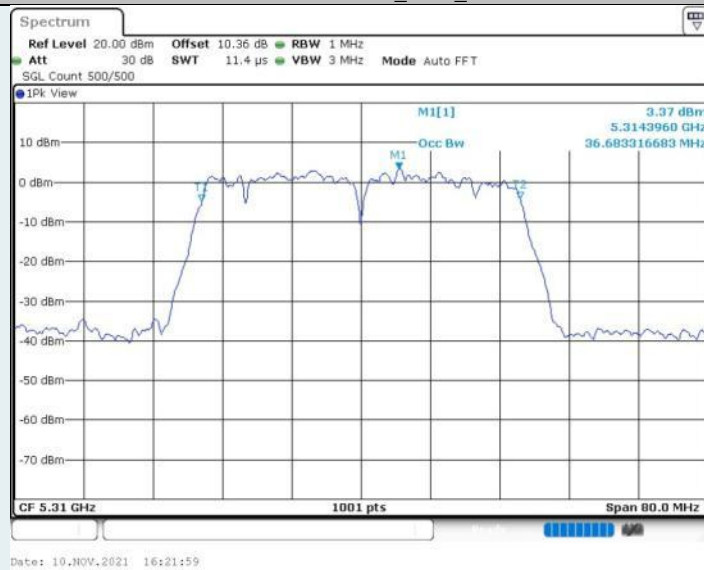
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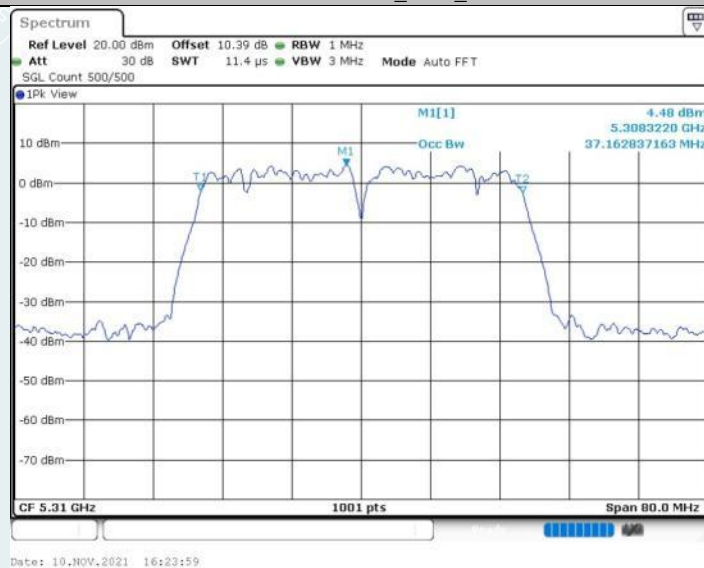
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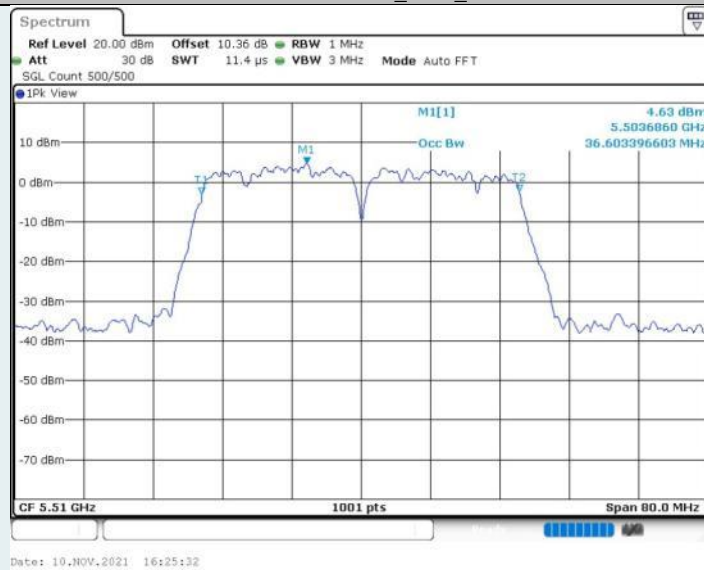
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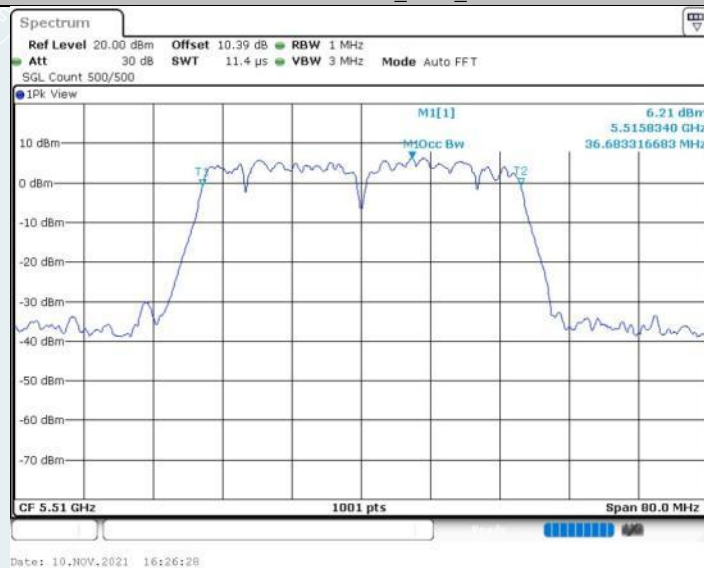
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802.11ac VHT40 MIMO_Ant1_5510MHz



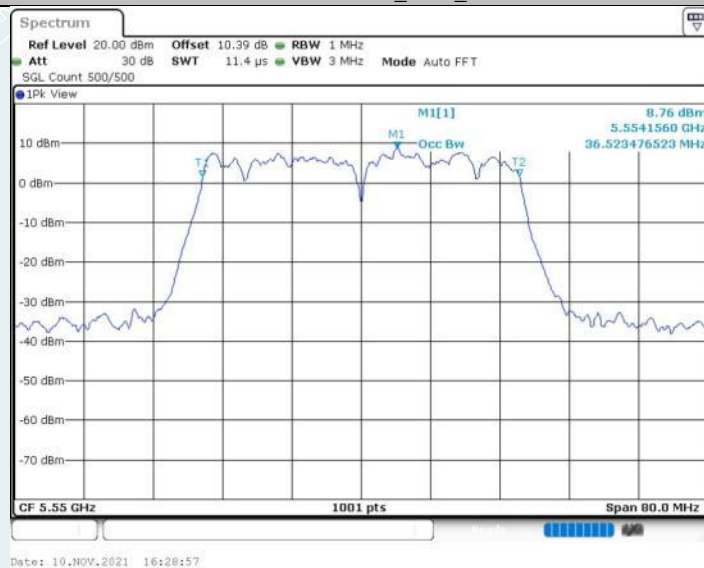
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802.11ac VHT40 MIMO_Ant1_5550MHz



802.11ac VHT40 MIMO_Ant2_5550MHz



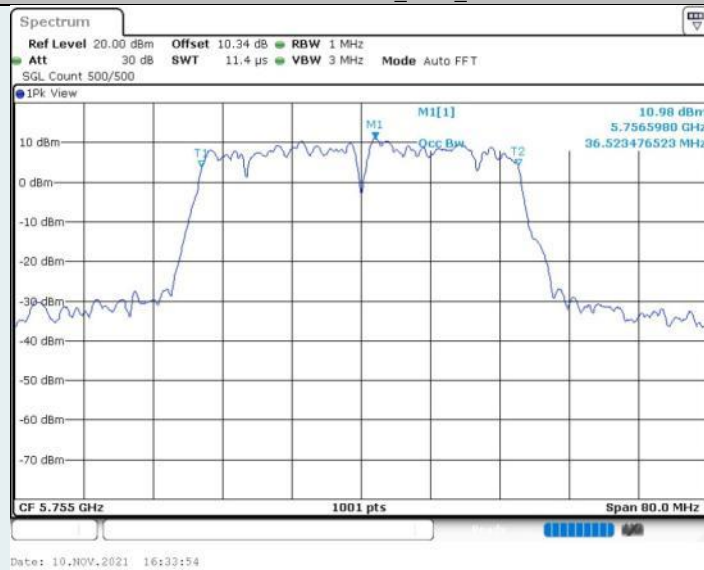
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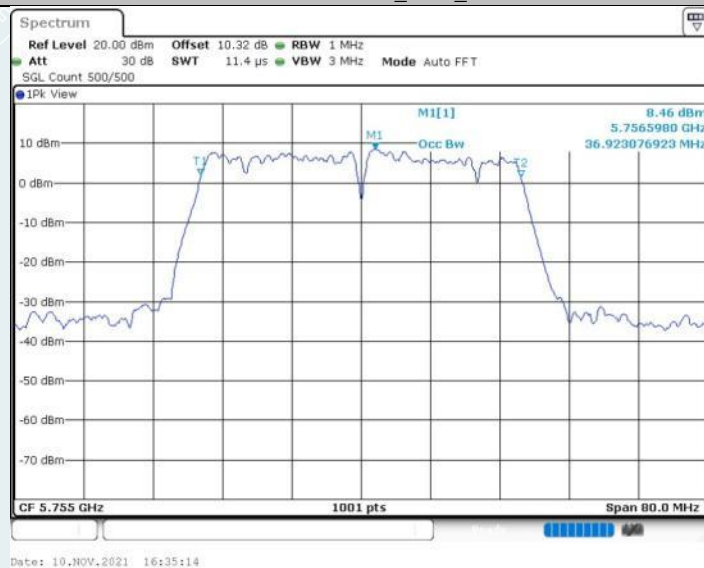
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802.11ac VHT40 MIMO_Ant1_5755MHz



802.11ac VHT40 MIMO_Ant2_5755MHz



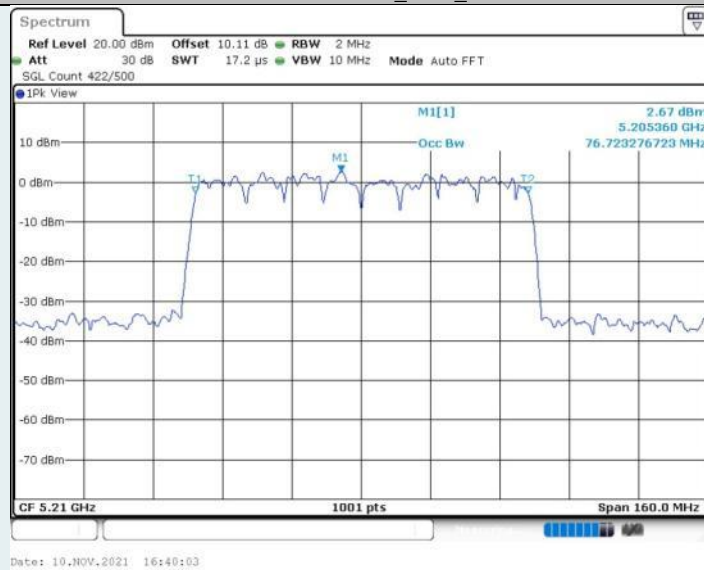
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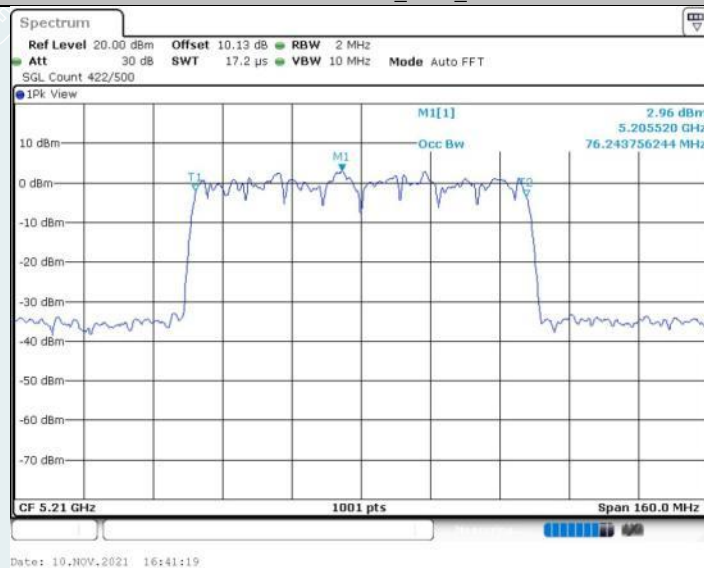
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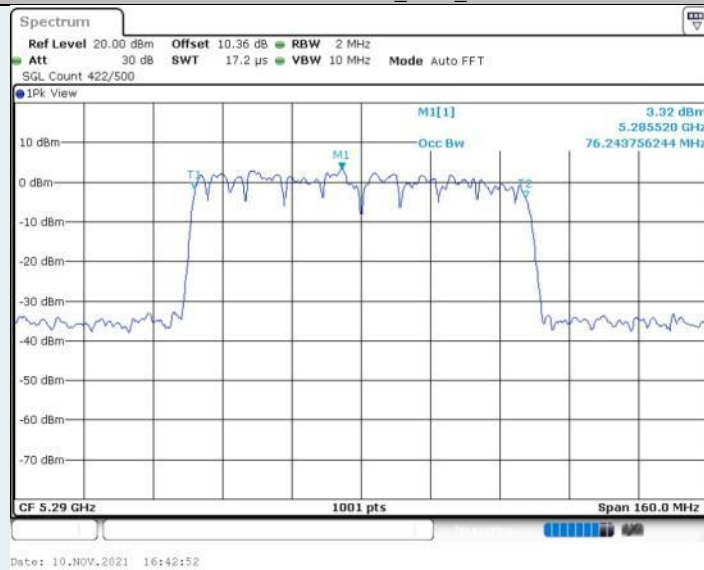
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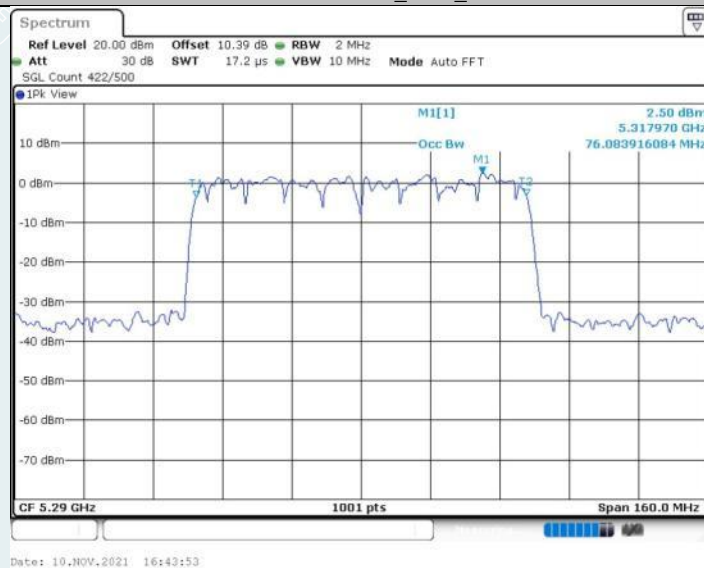
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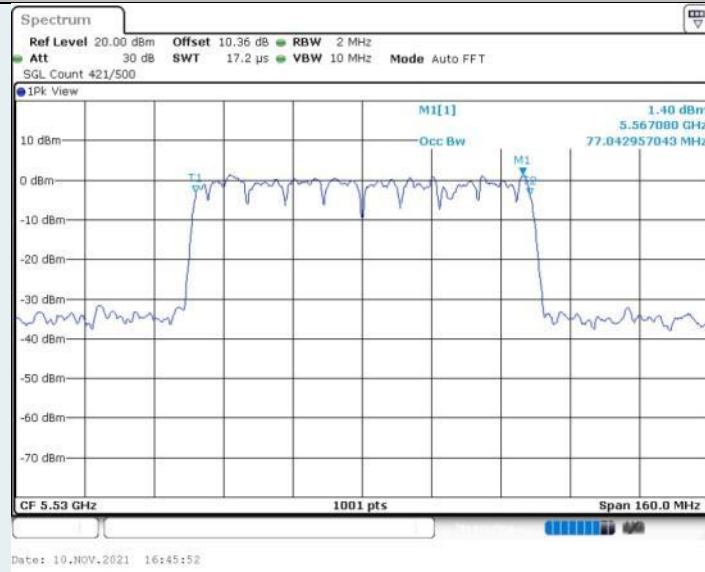
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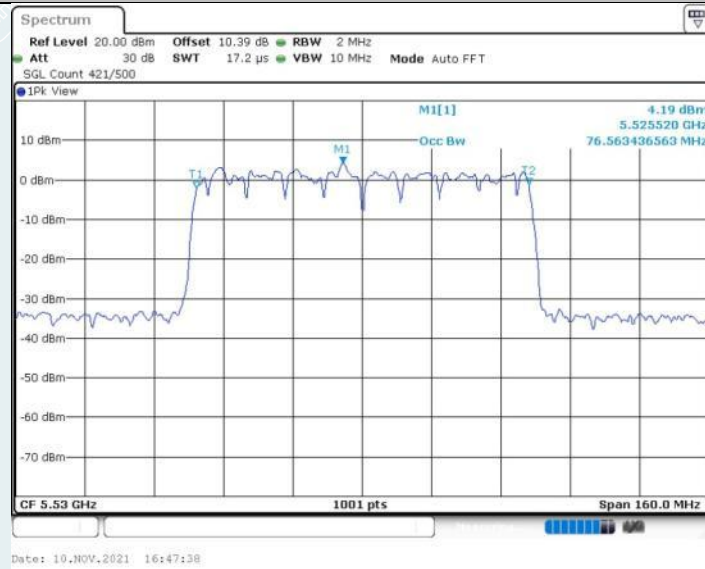
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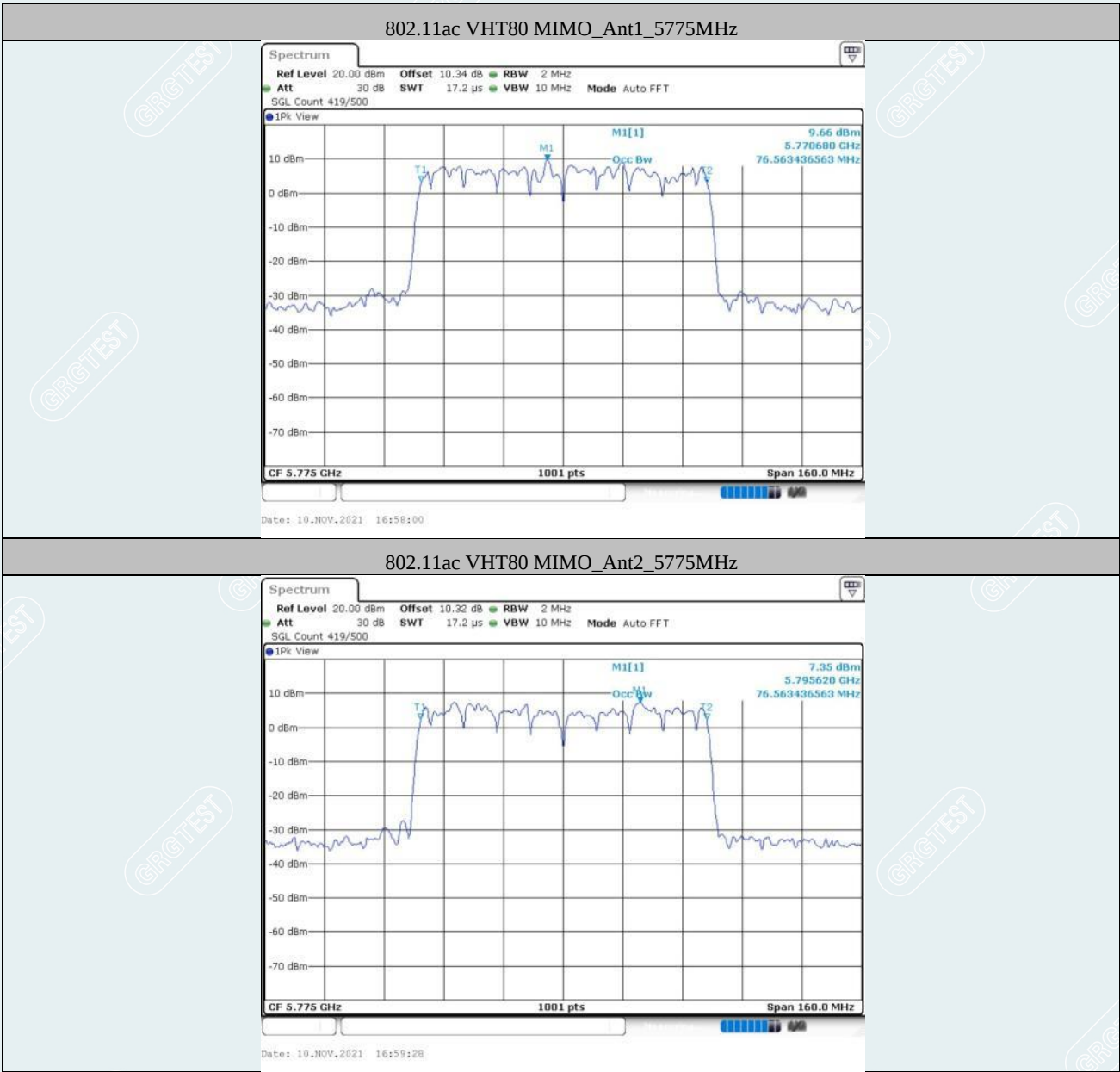
802.11ac VHT80 MIMO_Ant1_5530MHz



802.11ac VHT80 MIMO_Ant2_5530MHz



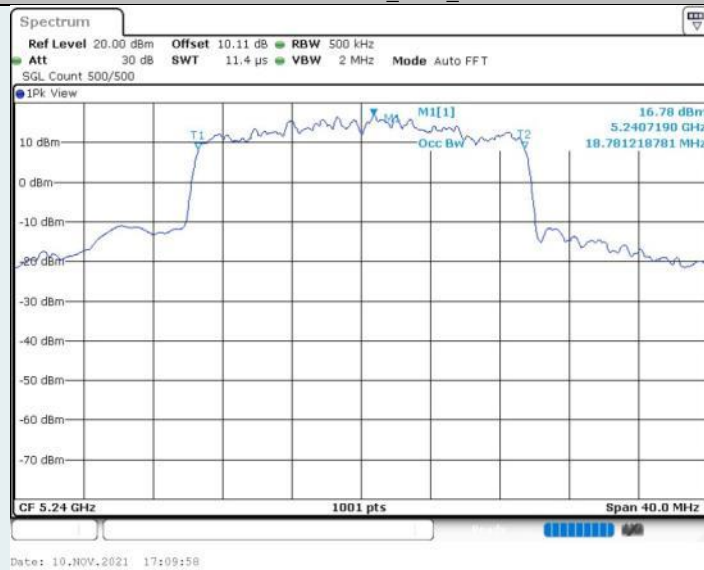








802.11ax HE20 MIMO_Ant1_5240MHz



802.11ax HE20 MIMO_Ant2_5240MHz



802.11ax HE20 MIMO_Ant1_5260MHz



802.11ax HE20 MIMO_Ant2_5260MHz





802.11ax HE20 MIMO_Ant1_5320MHz



802.11ax HE20 MIMO_Ant2_5320MHz





802.11ax HE20 MIMO_Ant1_5580MHz



802.11ax HE20 MIMO_Ant2_5580MHz



802.11ax HE20 MIMO_Ant1_5700MHz



802.11ax HE20 MIMO_Ant2_5700MHz



802.11ax HE20 MIMO_Ant1_5745MHz



802.11ax HE20 MIMO_Ant2_5745MHz



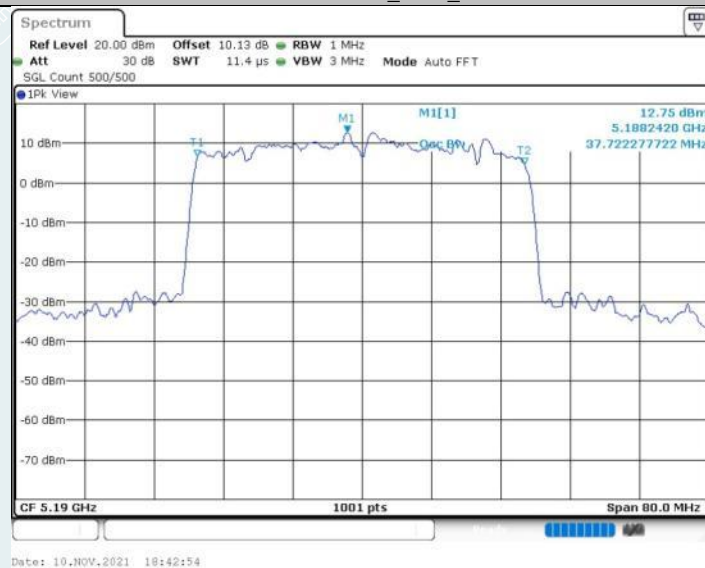




802.11ax HE40 MIMO_Ant1_5190MHz



802.11ax HE40 MIMO_Ant2_5190MHz





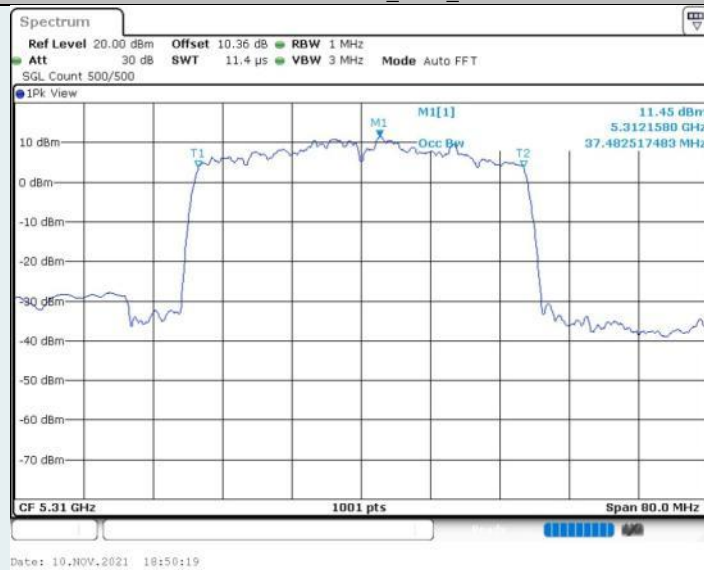
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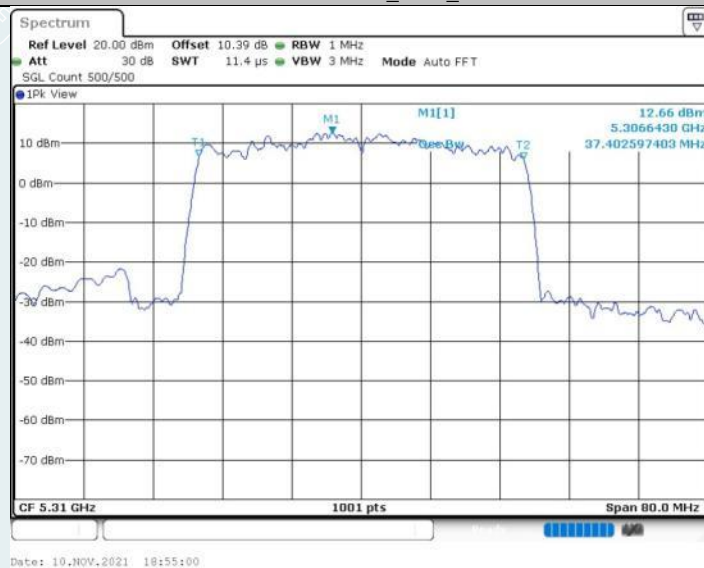
802.11ax HE40 MIMO_Ant2_5270MHz



802.11ax HE40 MIMO_Ant1_5310MHz

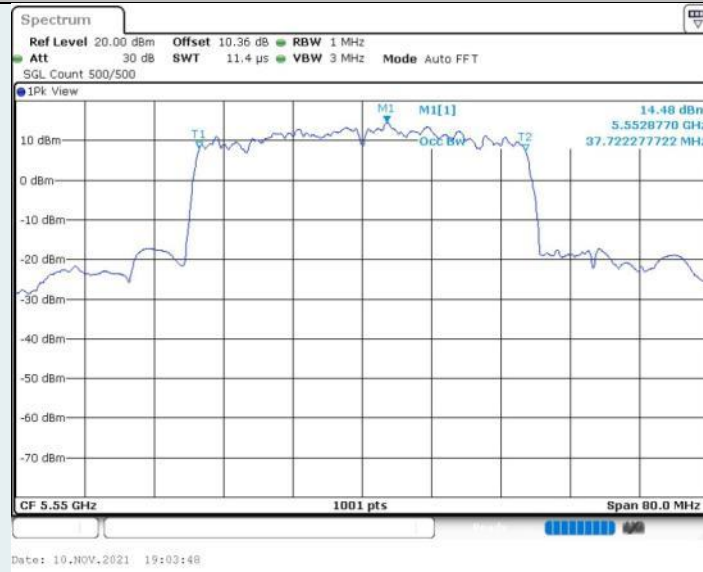


802.11ax HE40 MIMO_Ant2_5310MHz





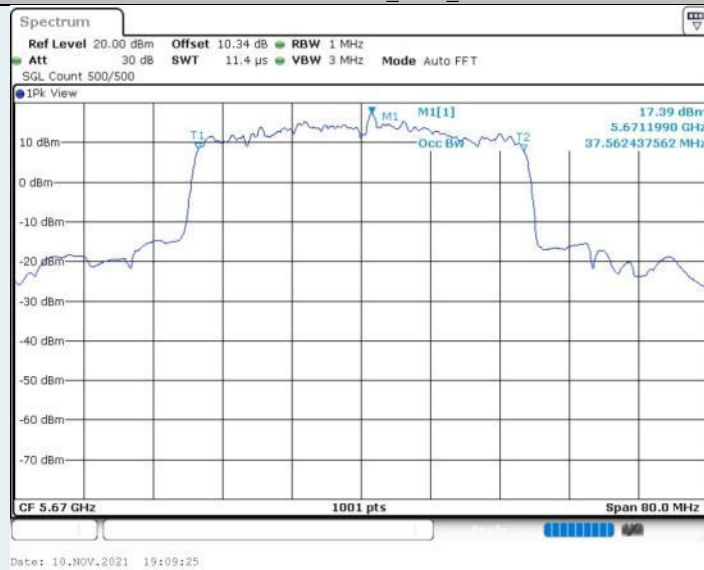
802.11ax HE40 MIMO_Ant1_5550MHz



802.11ax HE40 MIMO_Ant2_5550MHz



802.11ax HE40 MIMO_Ant1_5670MHz



802.11ax HE40 MIMO_Ant2_5670MHz



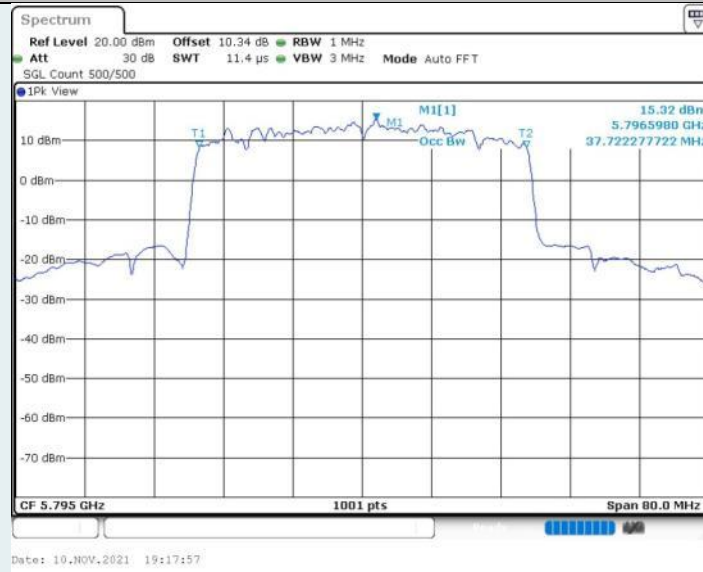
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802.11ax HE40 MIMO_Ant2_5755MHz



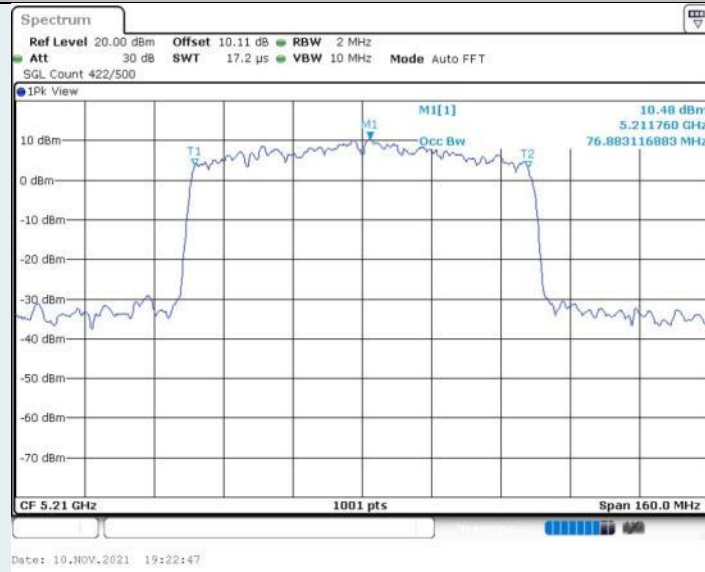
802.11ax HE40 MIMO_Ant1_5795MHz



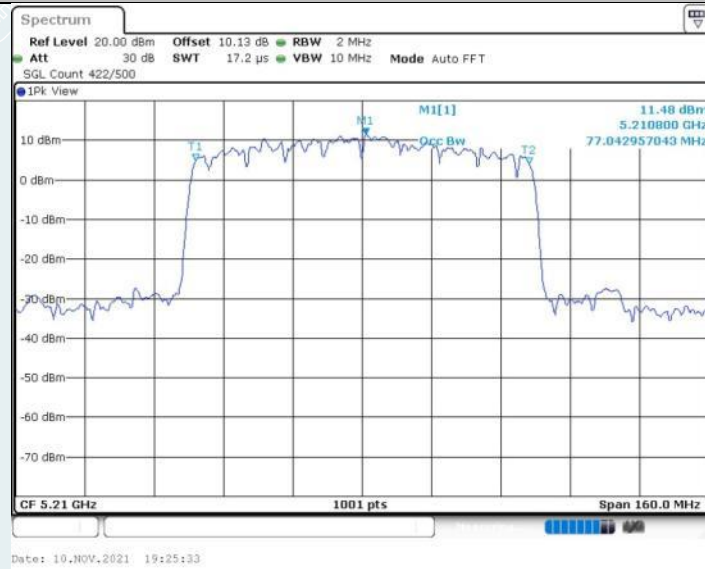
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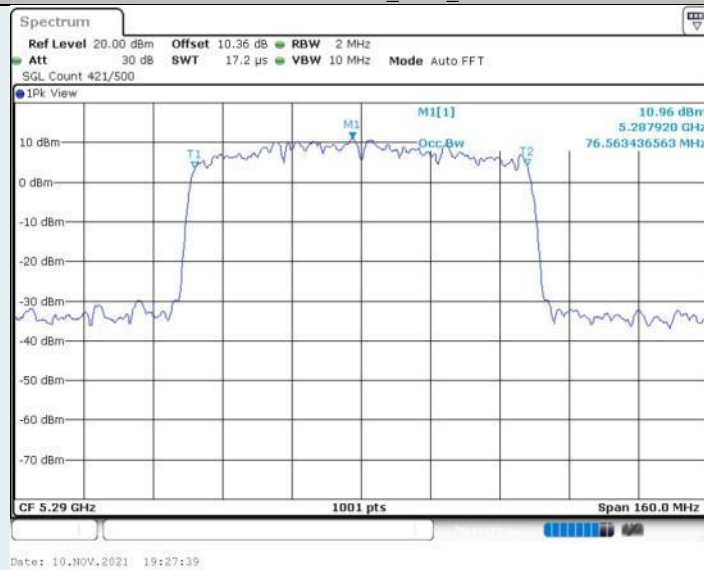
802.11ax HE80 MIMO_Ant1_5210MHz



802.11ax HE80 MIMO_Ant2_5210MHz

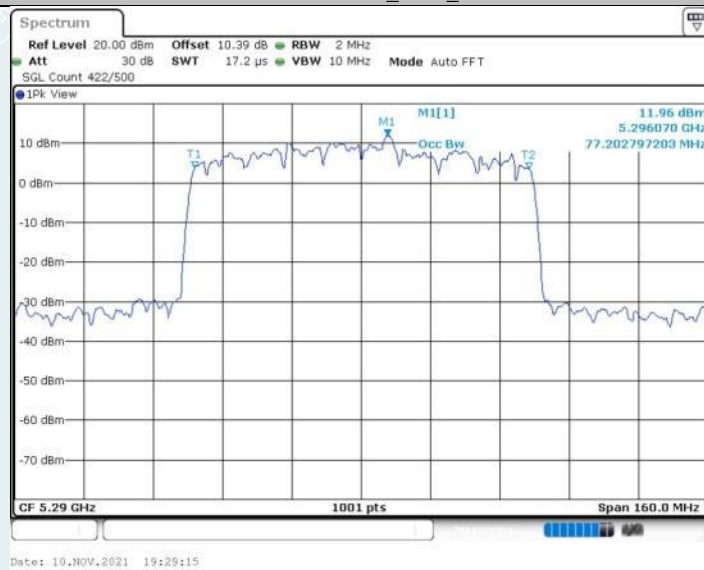


802.11ax HE80 MIMO_Ant1_5290MHz



Date: 10.NOV.2021 19:27:39

802.11ax HE80 MIMO_Ant2_5290MHz



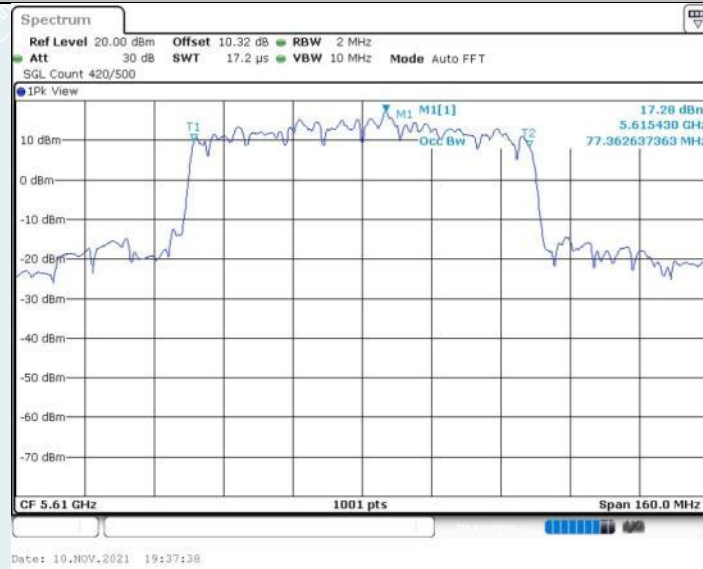
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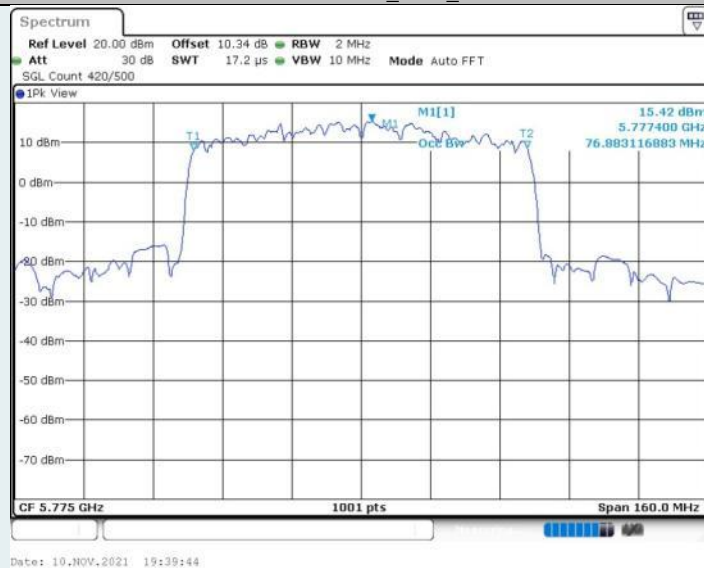
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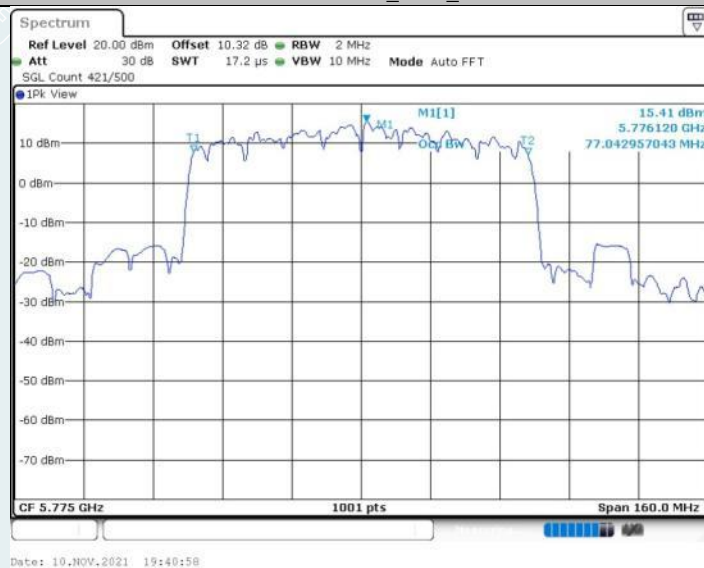
802.11ax HE80 MIMO_Ant2_5610MHz



802.11ax HE80 MIMO_Ant1_5775MHz



802.11ax HE80 MIMO_Ant2_5775MHz



9. OUTPUT POWER

9.1. LIMITS

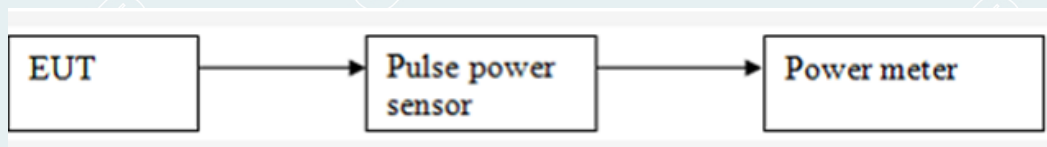
The FCC 15.407(a), The maximum conducted output power should not exceed:

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p $\leq$ 125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-2A	All Device	250mW(23.98dBm) or 11dBm+10 log B, Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-2C	All Device	250mW(23.98dBm) or 11dBm+10 log B, Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-3	All Device	1W(30dBm)

9.2. TEST PROCEDURES

- 1) The RF output of EUT was connected to the broadband average 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.

9.3. TEST SETUP



9.4. TEST RESULTS

Environmental Conditions	23.9°C/47%RH	Test Voltage	AC120V/60Hz
Tested By	Lu Wei	Tested Date	2021/11/16

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)		Limit (dBm)	Result
			antenna 1	antenna 2		
802.11a	U-NII-1	5180	20.56	20.76	30	Pass
		5200	20.47	20.66		Pass
		5240	20.78	21.01		Pass
	U-NII-2A	5260	19.65	19.88	23.90	Pass
		5300	20.58	20.74	23.94	Pass
		5320	19.69	21.29	23.93	Pass
	U-NII-2C	5500	19.29	20.06	23.94	Pass
		5580	20.59	20.73	23.96	Pass
		5700	19.01	19.12	23.94	Pass
	U-NII-3	5745	17.48	17.52	30	Pass
		5785	17.27	17.29		Pass
		5825	17.09	17.39		Pass

Test Mode	Band	Frequency (MHz)	AVG Conducted Output Power with Duty Factor (dBm)			Limit (dBm)	Result
			antenna 1	antenna 2	total		
802.11n HT20	U-NII-1	5180	21.03	20.98	24.02	30	Pass
		5200	20.75	21.48	24.14		Pass
		5240	21.55	20.72	24.17		Pass
	U-NII-2A	5260	17.85	17.39	20.64	23.98	Pass
		5300	17.56	17.37	20.48	23.95	Pass
		5320	16.45	18.08	20.35	23.97	Pass
	U-NII-2C	5500	16.88	17.09	20.00	23.98	Pass
		5580	17.89	16.95	20.46	23.98	Pass
		5700	16.72	15.02	18.97	23.97	Pass
	U-NII-3	5745	17.22	15.86	19.61	30	Pass
		5785	19.01	17.99	21.54		Pass
		5825	19.05	19.60	22.35		Pass