



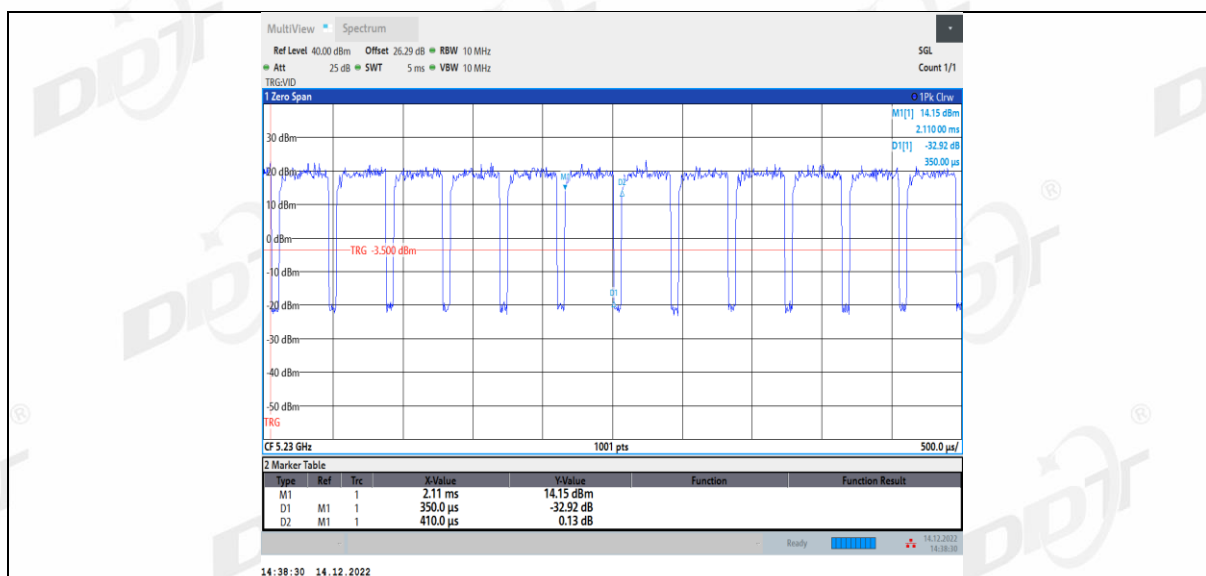




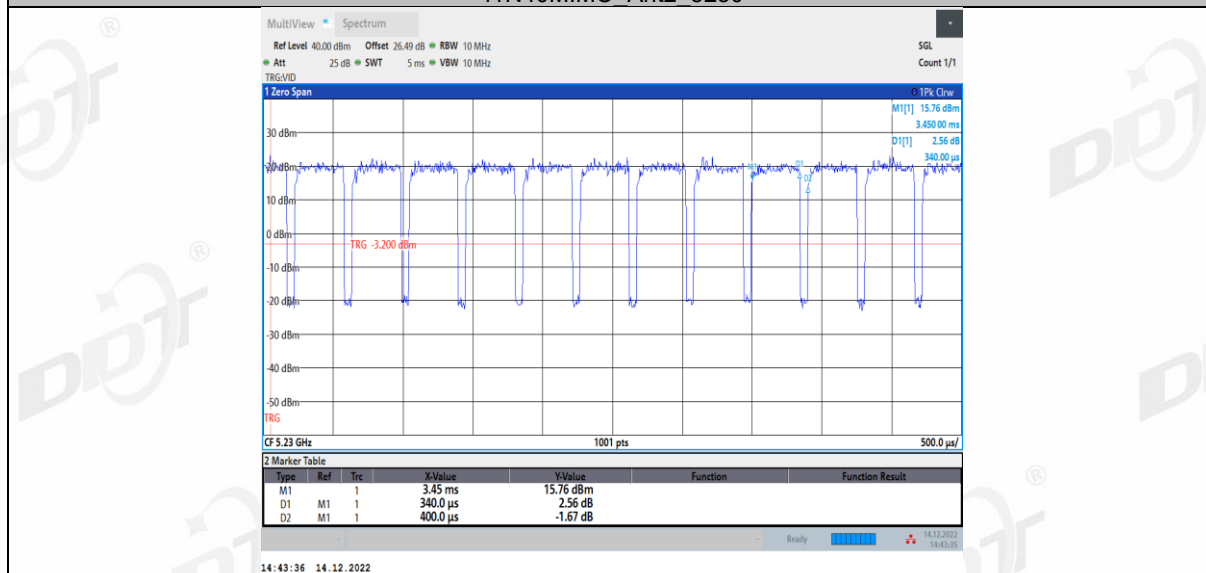




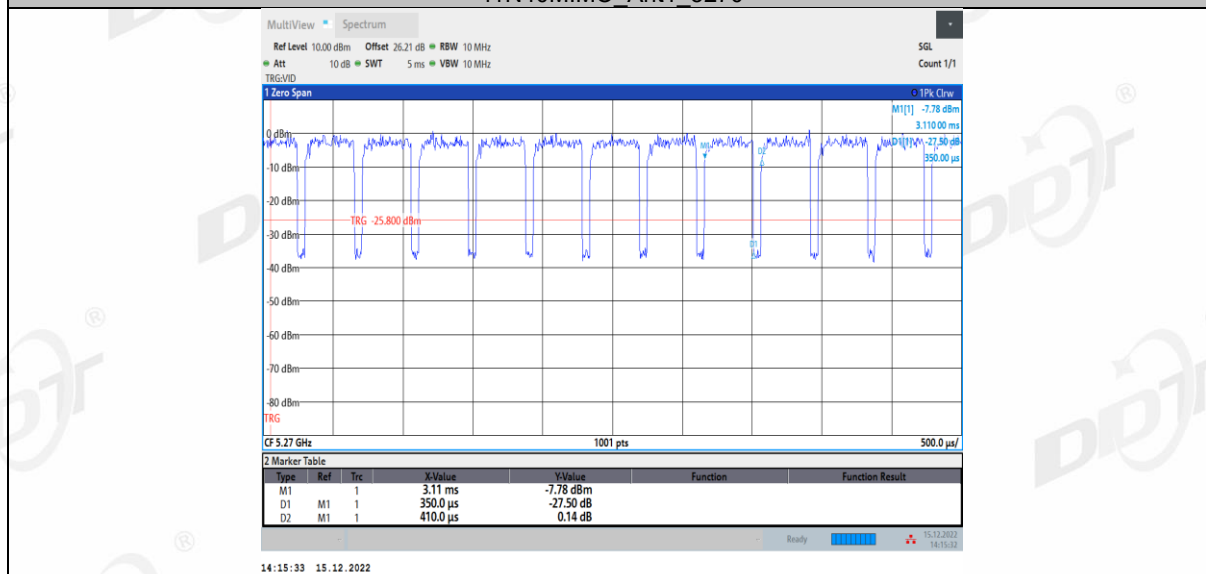




11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5270



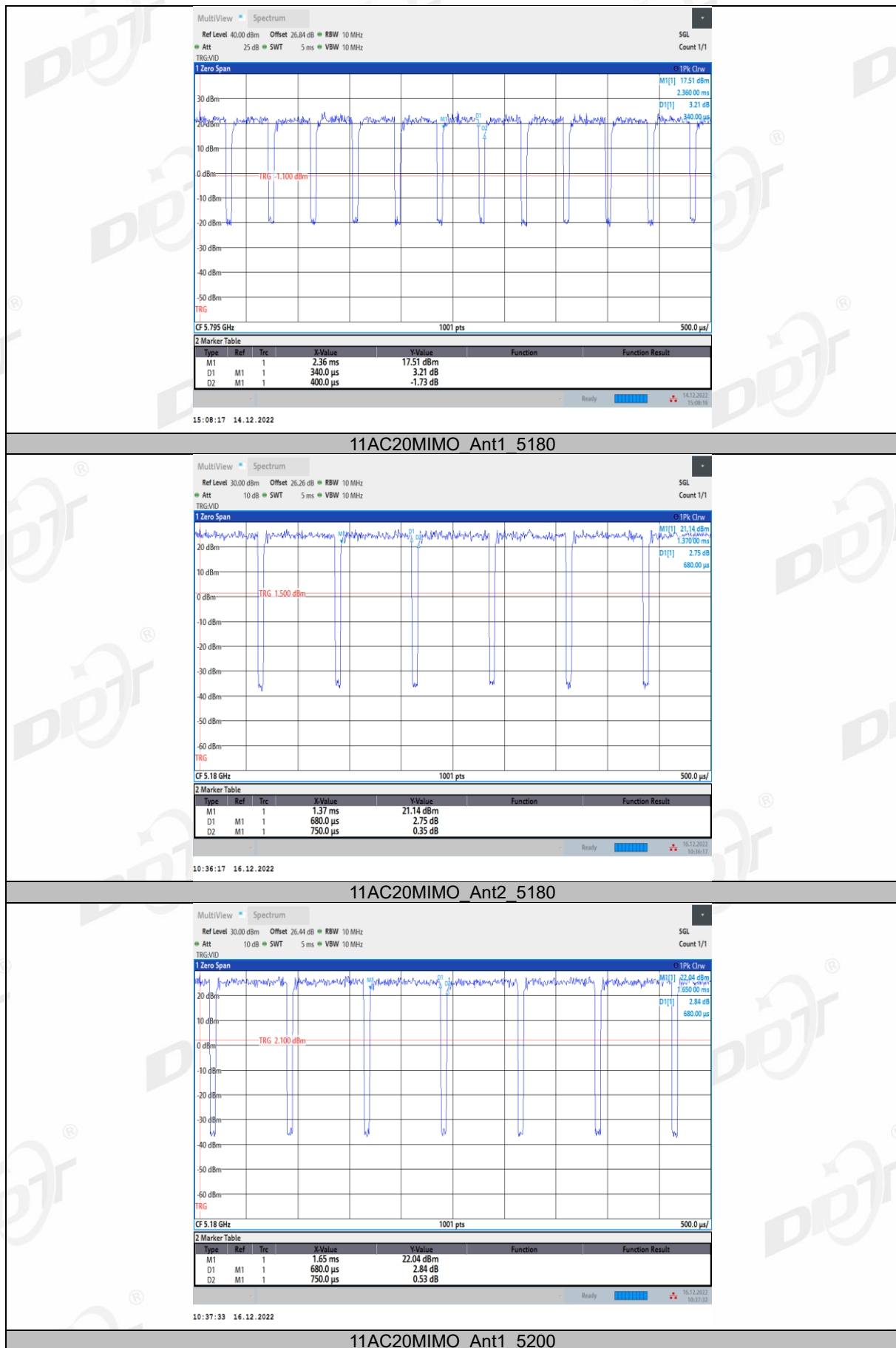
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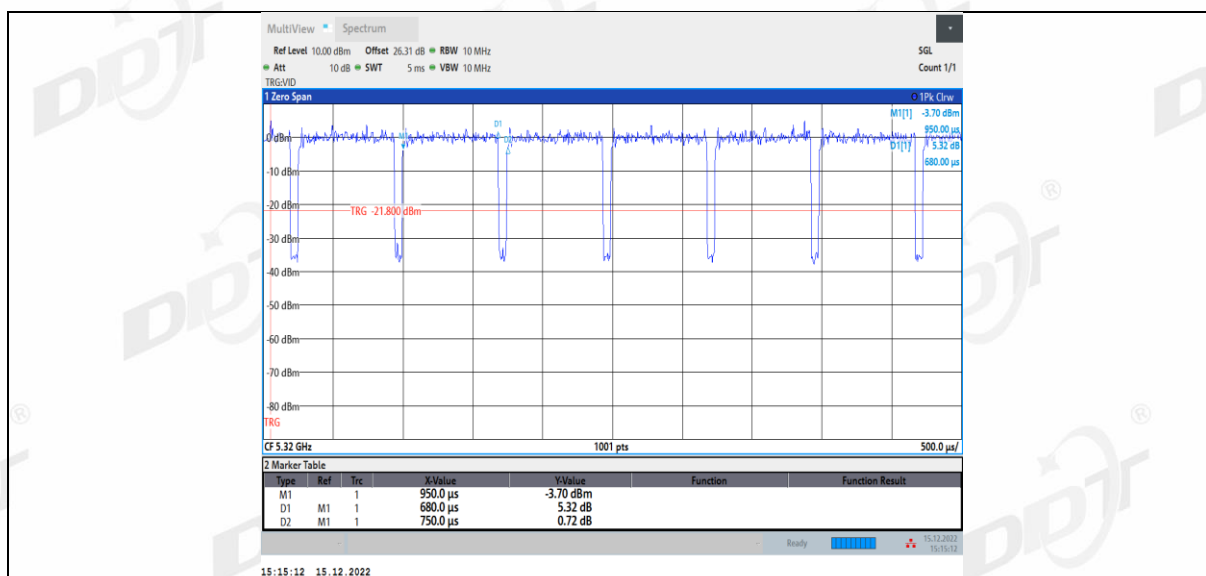




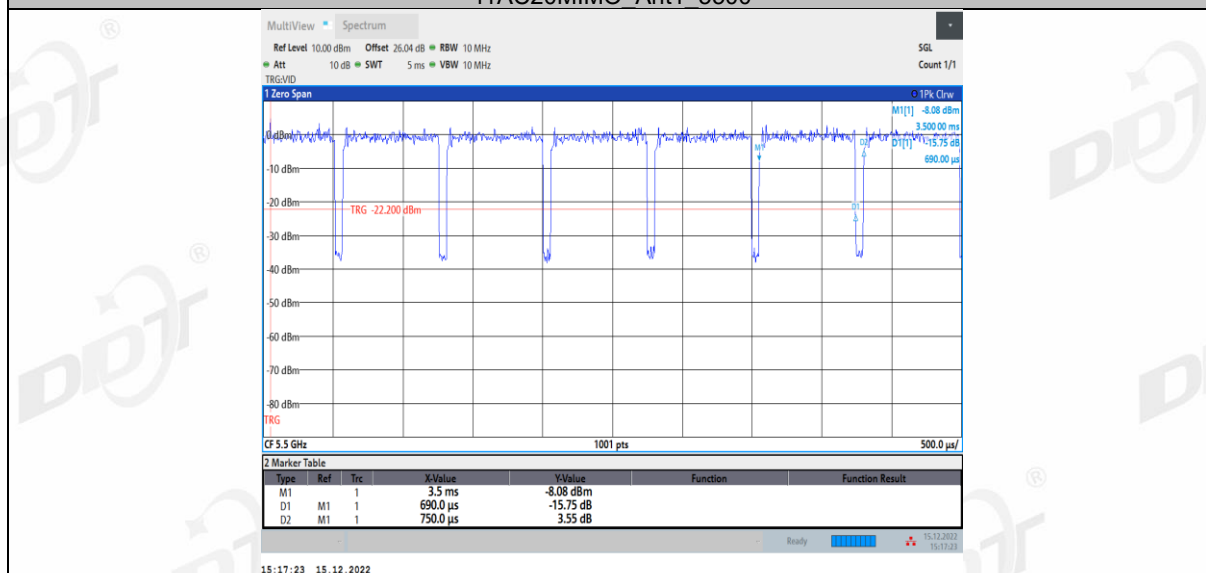




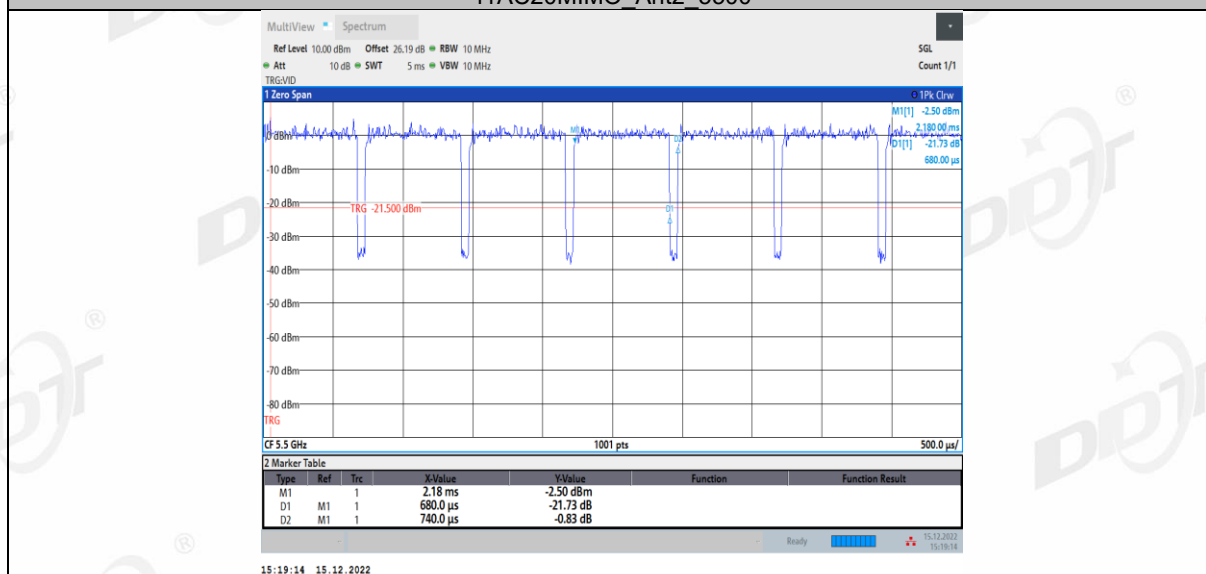




11AC20MIMO_Ant1_5500



11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580





















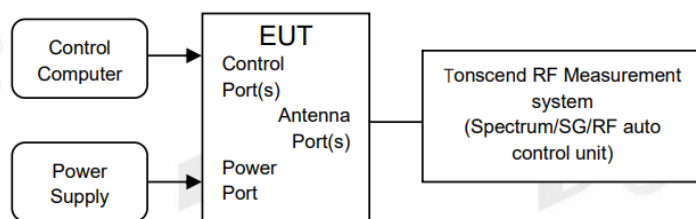






8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC fixed point-to-point access points: 1W (30 dBm)	5150-5250
	For conducted output power :250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350 5470 - 5725
	The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm	
	1 Watt (30 dBm)	5725-5850
Note 1: B=26 bandwidth Note 2: Directional gain = GANT+ Array Gain, Array Gain = 0 dB ($N_{ANT} \leq 4$), so the Directional gain=16.13. For UNII-2A and UNII-2C: The directional antenna gain greater than 6 dBi, so the power limit [250 mW (24dBm) or (11 dBm + 10 log B)]-(16.13-6)dB=13.87 dBm or 0.87 dBm + 10 log B		

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
 Measure the output power of each antenna port by power sensor.