Appendix I-5G Emission Bandwidth

Test Information:

Sample No.:	2UIA-7	**Test Date:**	2025/01/03~2025/01/04
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Rainbow Zhu	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	47~53	**Relative Humidity: (%)**	24~25	**ATM Pressure: (kPa)**	101

Emission Bandwidth

26dB Emission Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5180	20.441
	5200	21.252
	5240	20.592
802.11ac20	5180	20.392
	5200	20.474
	5240	20.414
802.11ac40	5190	40.641
	5230	**45.445**

5250-5350MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5260	19.520
	5280	19.920
	5320	19.870
802.11ac20	5260	19.970
	5280	20.040
	5320	19.990
802.11ac40	5270	**40.741**
	5310	40.541

5470-5725MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5500	19.469
	5580	19.770
	5700	19.788
	5720	19.570
802.11ac20	5500	19.970
	5580	19.970
	5700	19.920
	5720	19.990
802.11ac40	5510	40.541
	5550	**40.741**
	5670	40.541
	5710	40.541

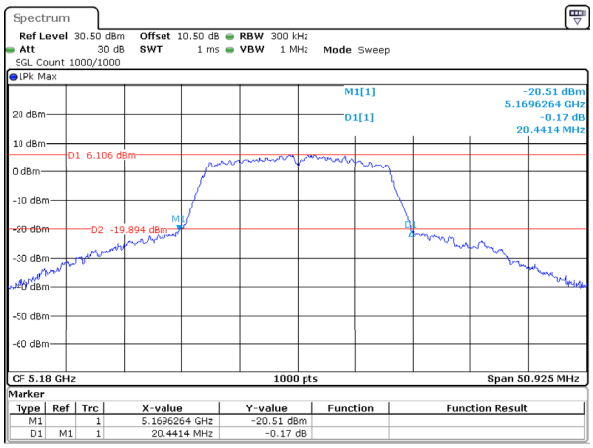
6dB Emission Bandwidth

5725-5850MHz

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	16.466	0.5	Pass
	5785	16.466	0.5	Pass
	5825	16.466	0.5	Pass
802.11ac20	5745	17.718	0.5	Pass
	5785	17.668	0.5	Pass
	5825	17.668	0.5	Pass
802.11ac40	5755	**36.537**	0.5	Pass
	5795	**36.537**	0.5	Pass

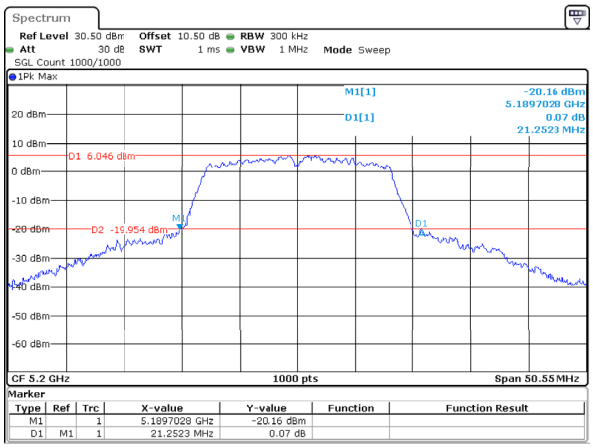
5150-5250MHz

802.11a_5180MHz



ProjectNo.:2401Z104941E-RF Tester:Rainbow Zhu
Date: 3.JAN.2025 18:55:11

802.11a_5200MHz



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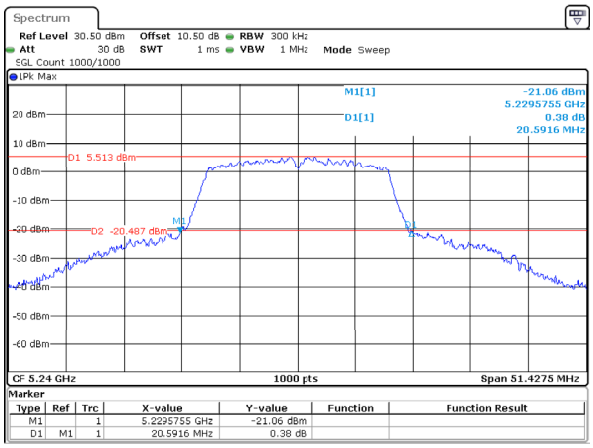
802.11a_5240MHz



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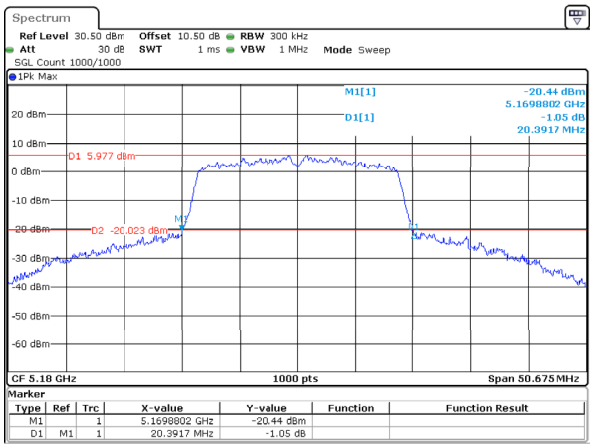
802.11ac20_5180MHz



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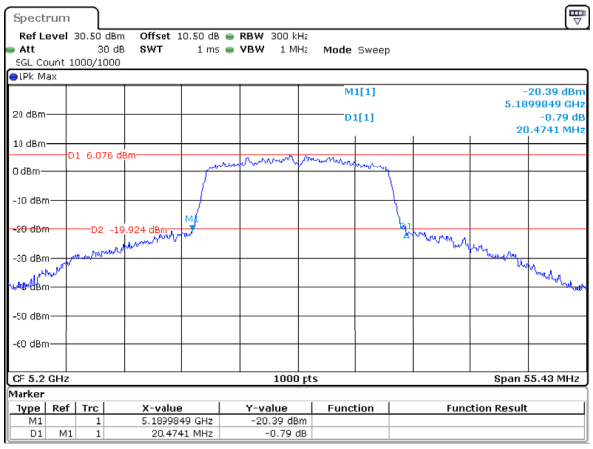

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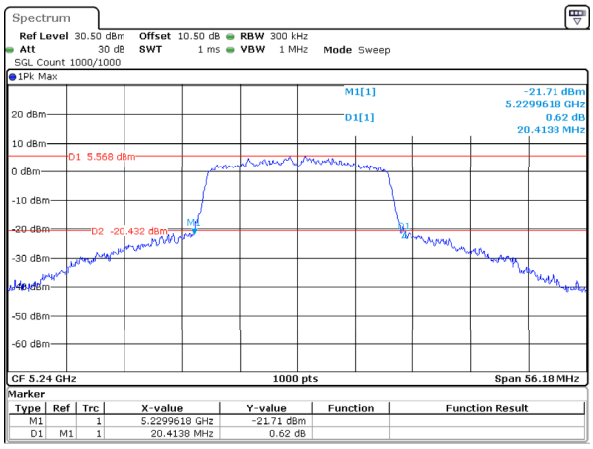
802.11ac20_5240MHz



ProjectNo.:2401Z104941E-RF Tester:Rainbow Zhu
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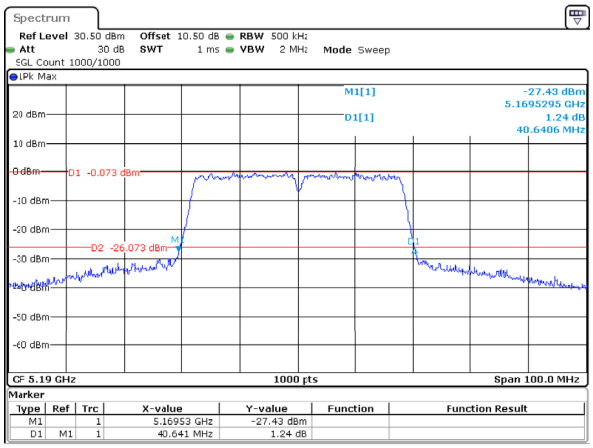
802.11ac40_5190MHz



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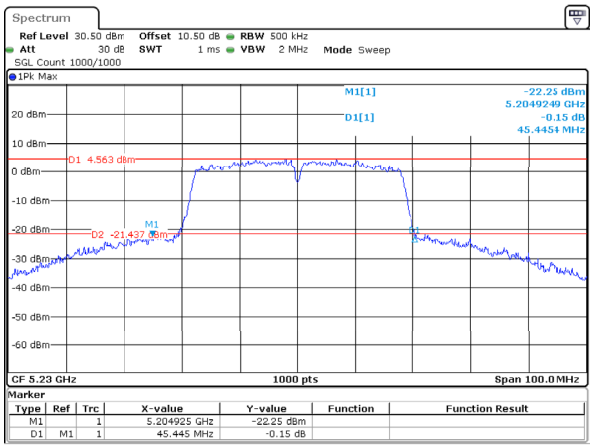
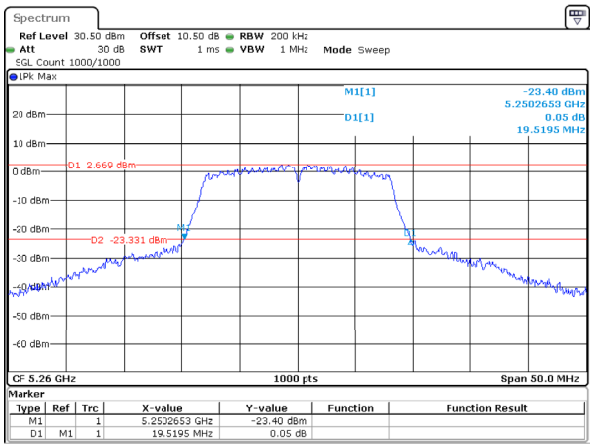
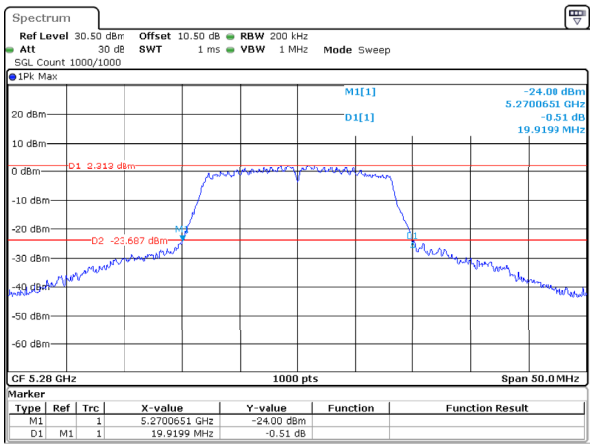


5250-5350MHz

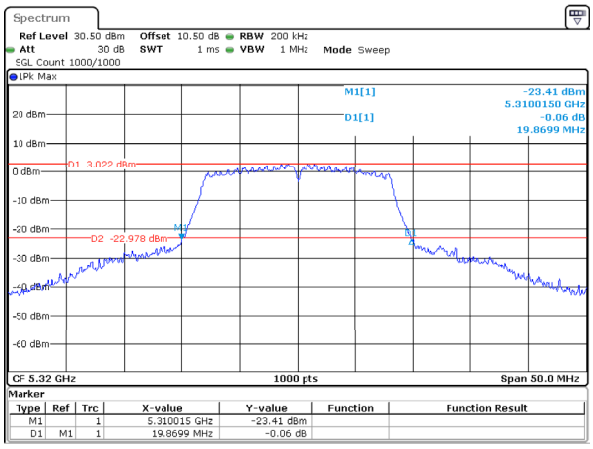
802.11a_5260MHz



802.11a_5280MHz



802.11a_5320MHz



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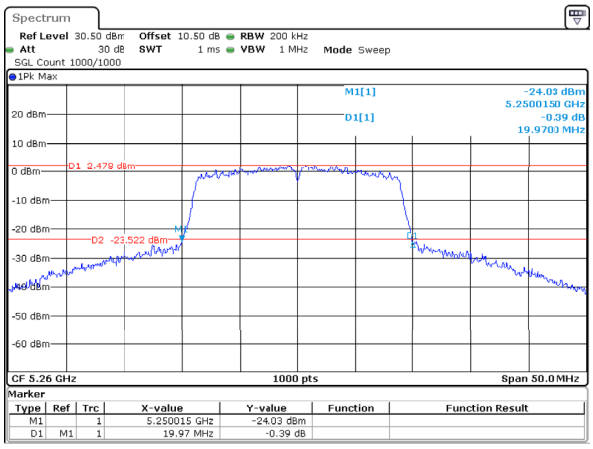

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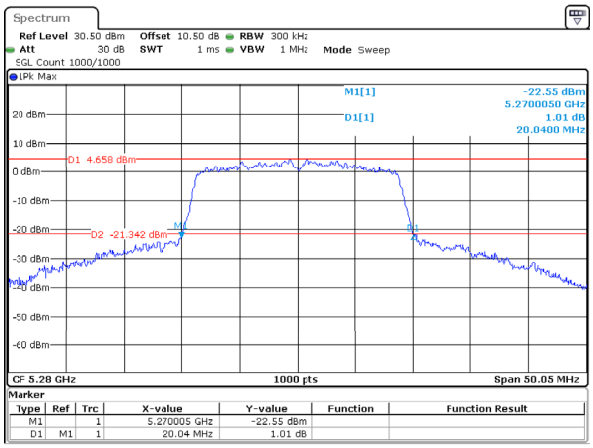
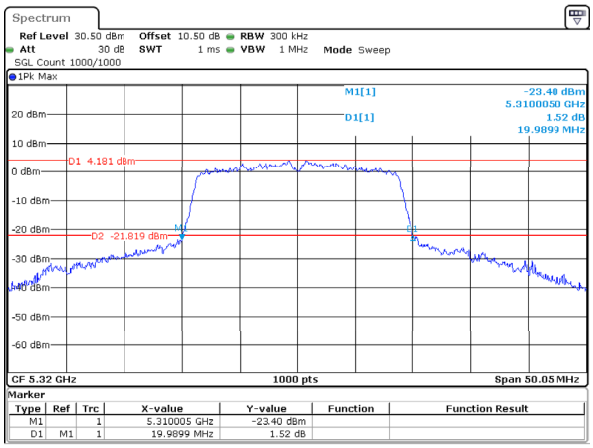


802.11ac20_5320MHz



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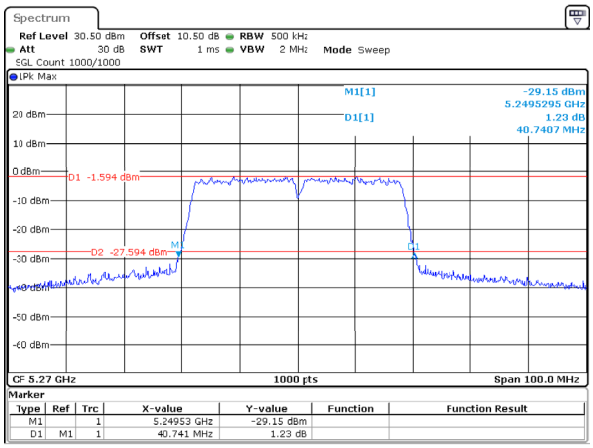
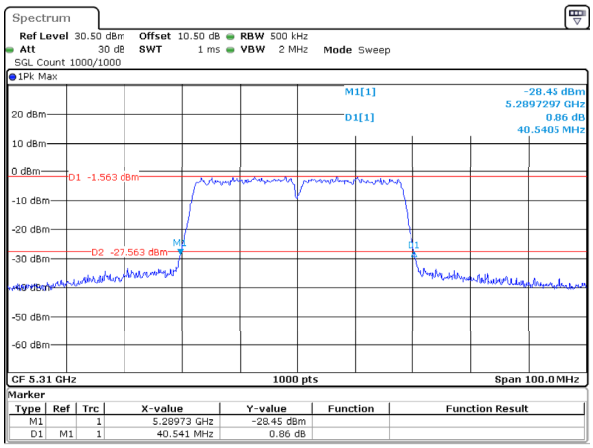
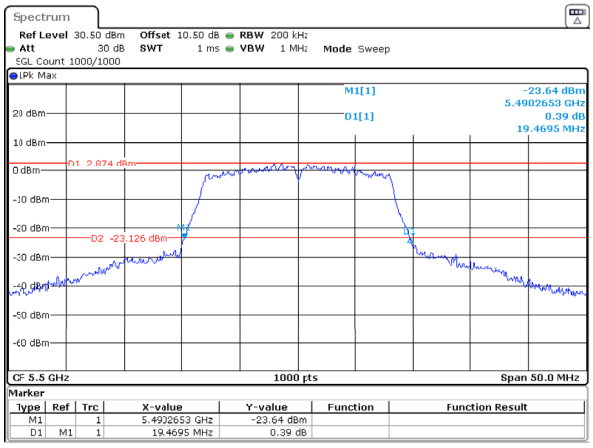


802.11ac40_5310MHz

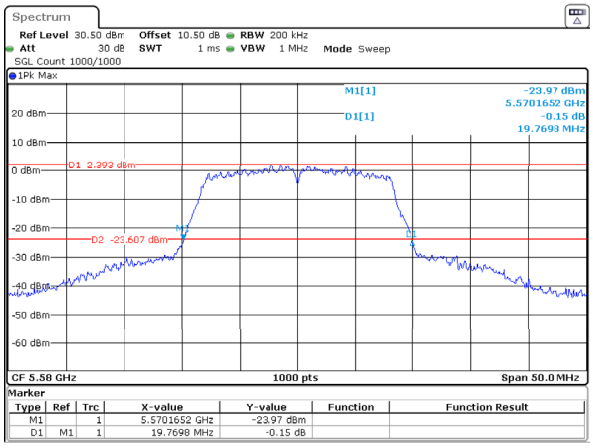


5470-5725MHz

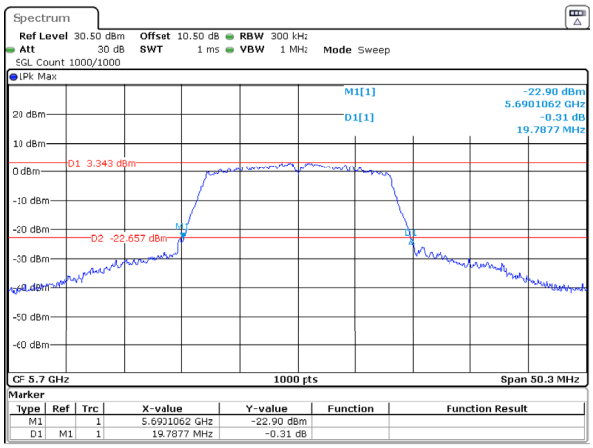
802.11a_5500MHz



802.11a_5580MHz



802.11a_5700MHz



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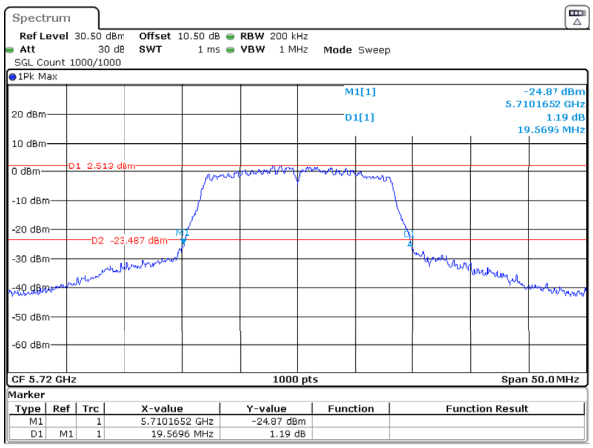
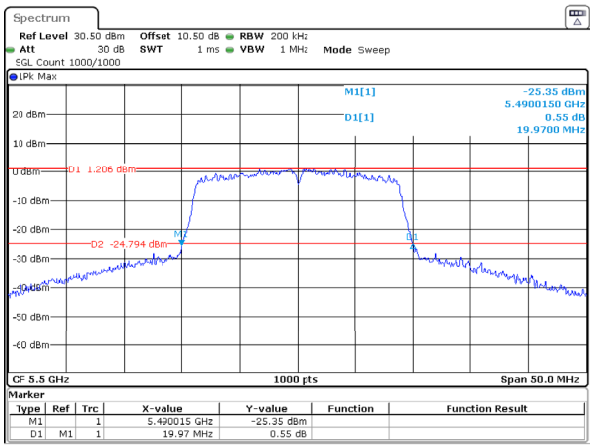


802.11ac20_5500MHz



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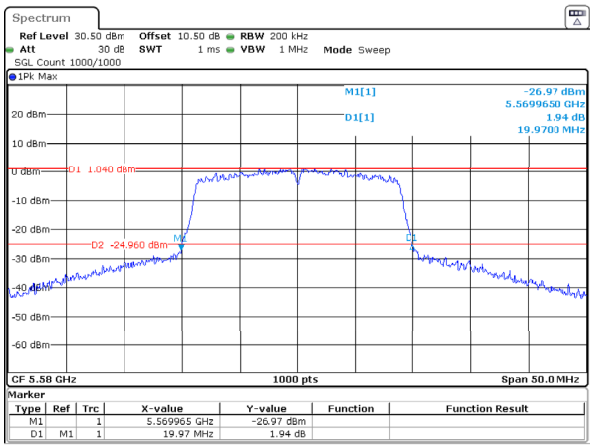

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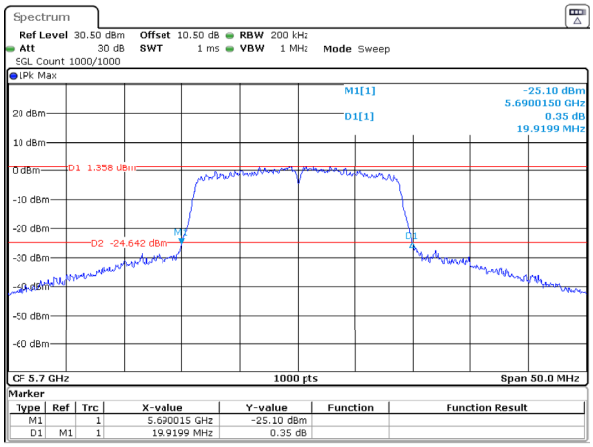

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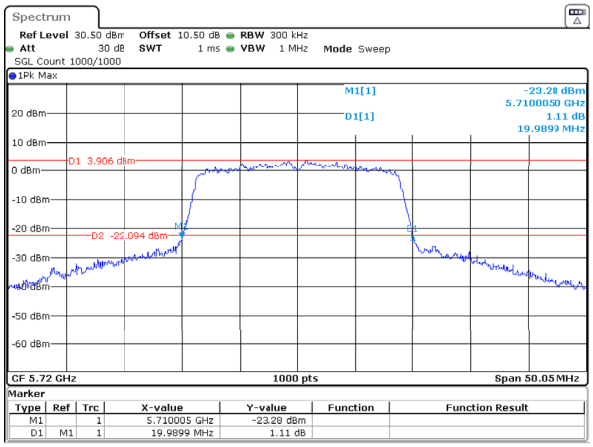
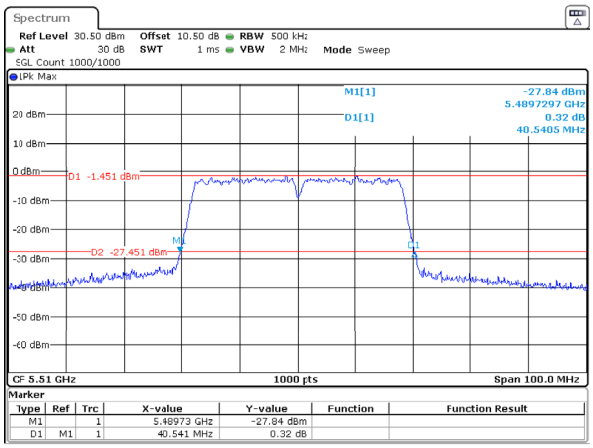


802.11ac40_5510MHz



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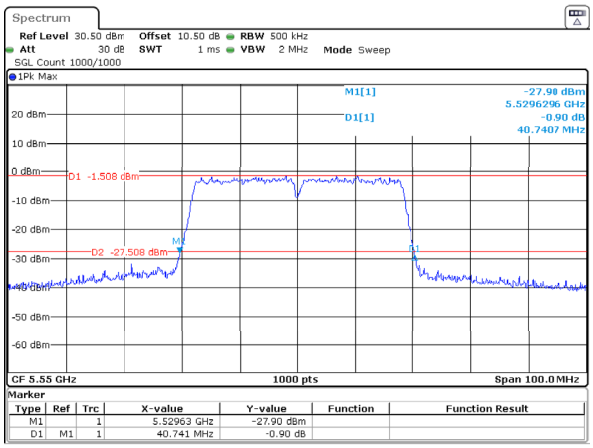

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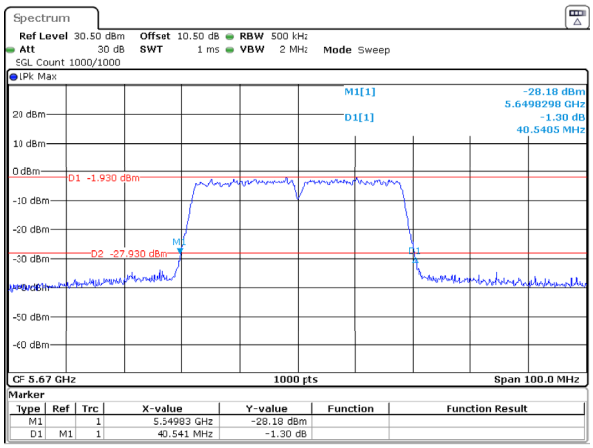
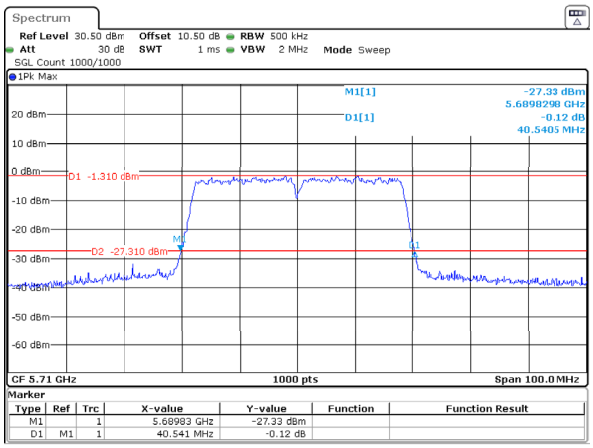
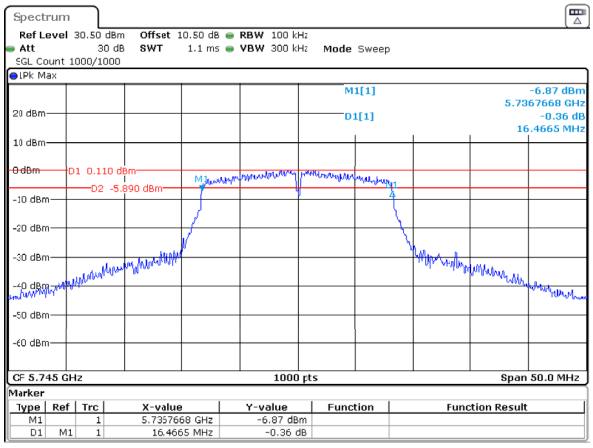


802.11ac40_5710MHz

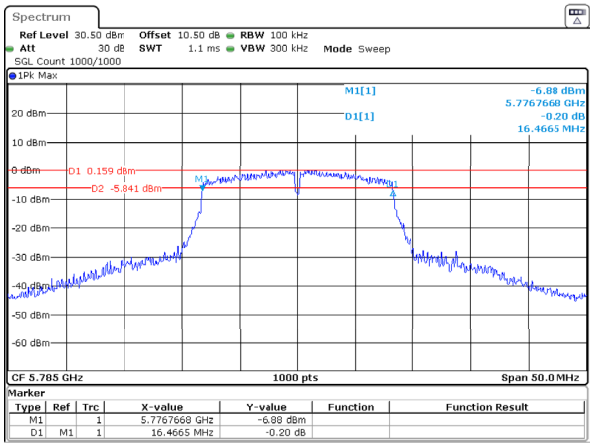


5725-5850MHz

802.11a_5745MHz



802.11a_5785MHz



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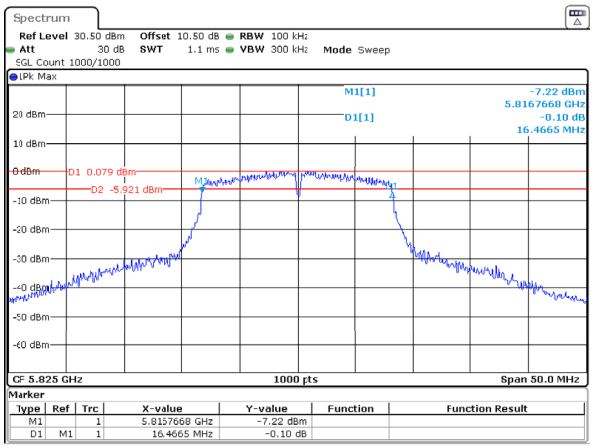
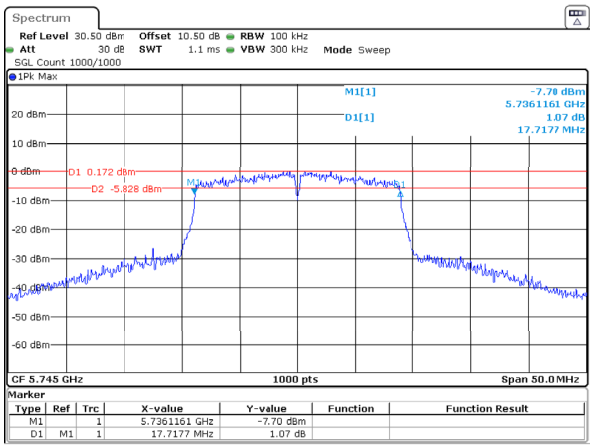


802.11ac20_5745MHz



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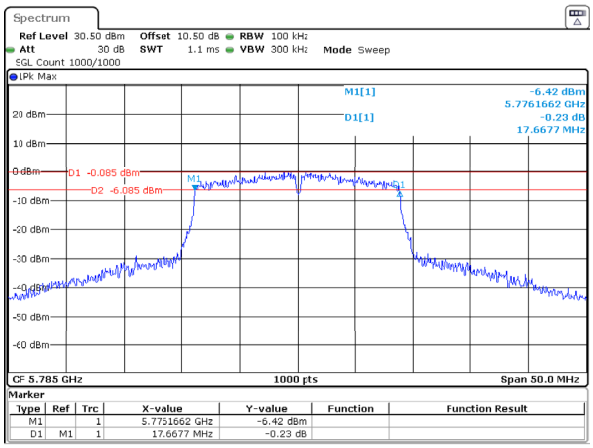

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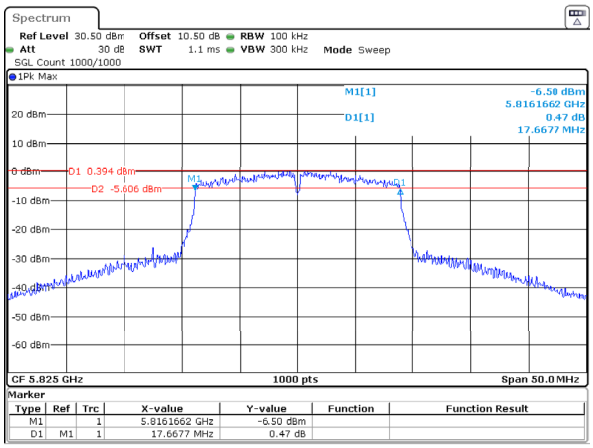

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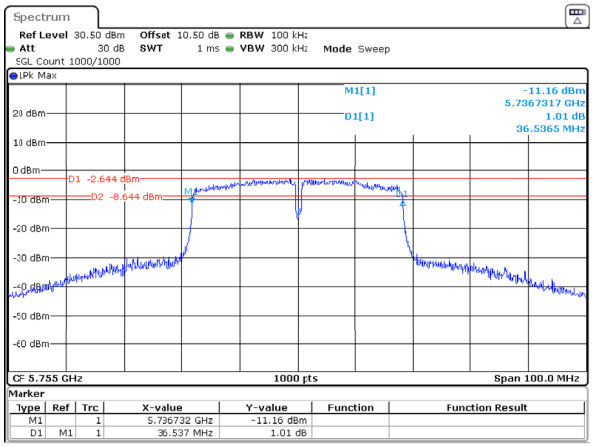
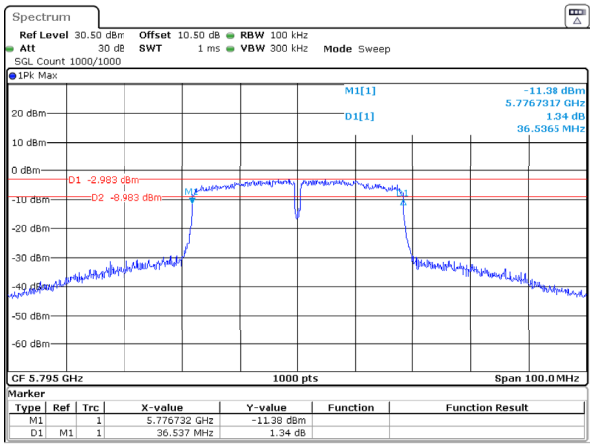
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