



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



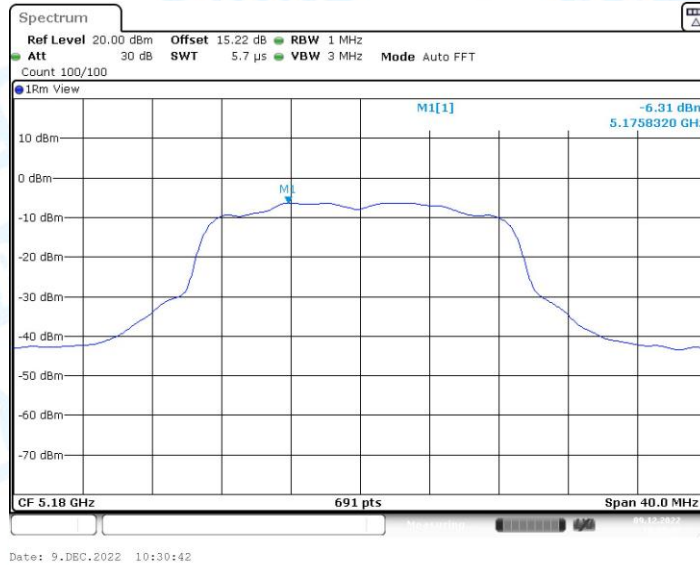
11N40MIMO_Ant2_5230



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



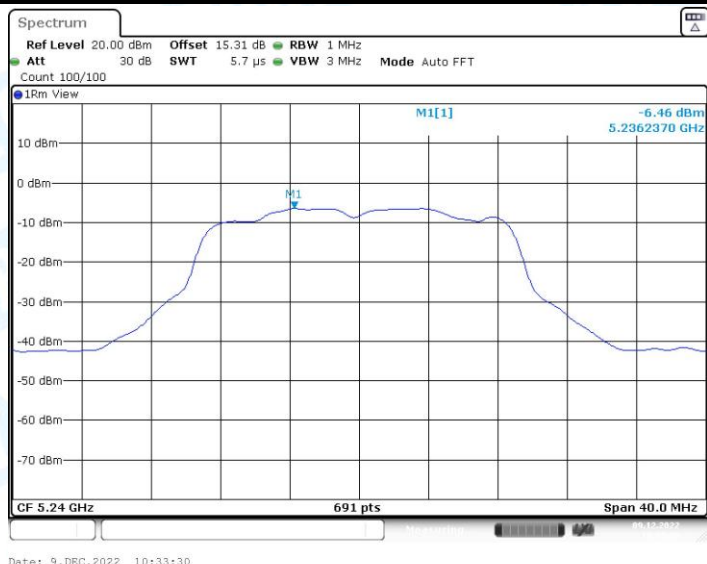
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11AC20MIMO_Ant2_5200



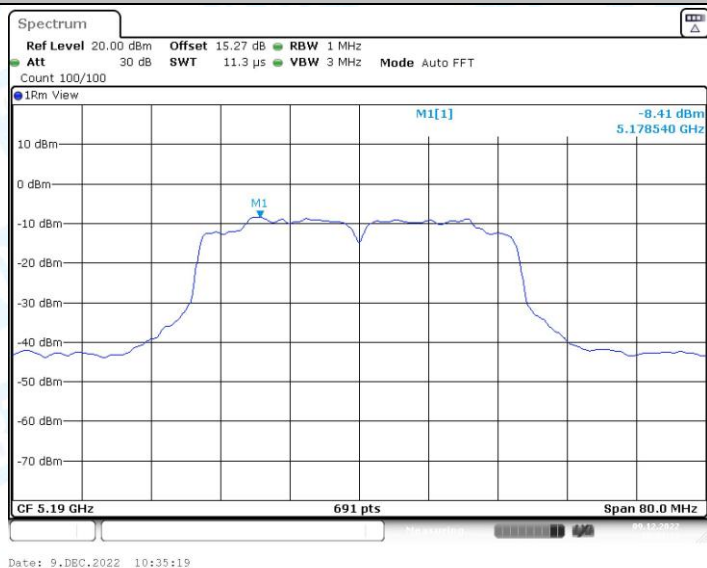
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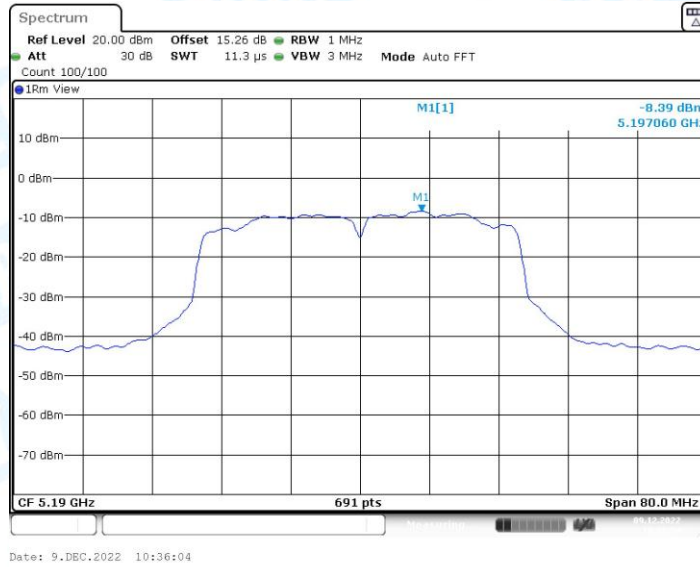
11AC20MIMO_Ant2_5240



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



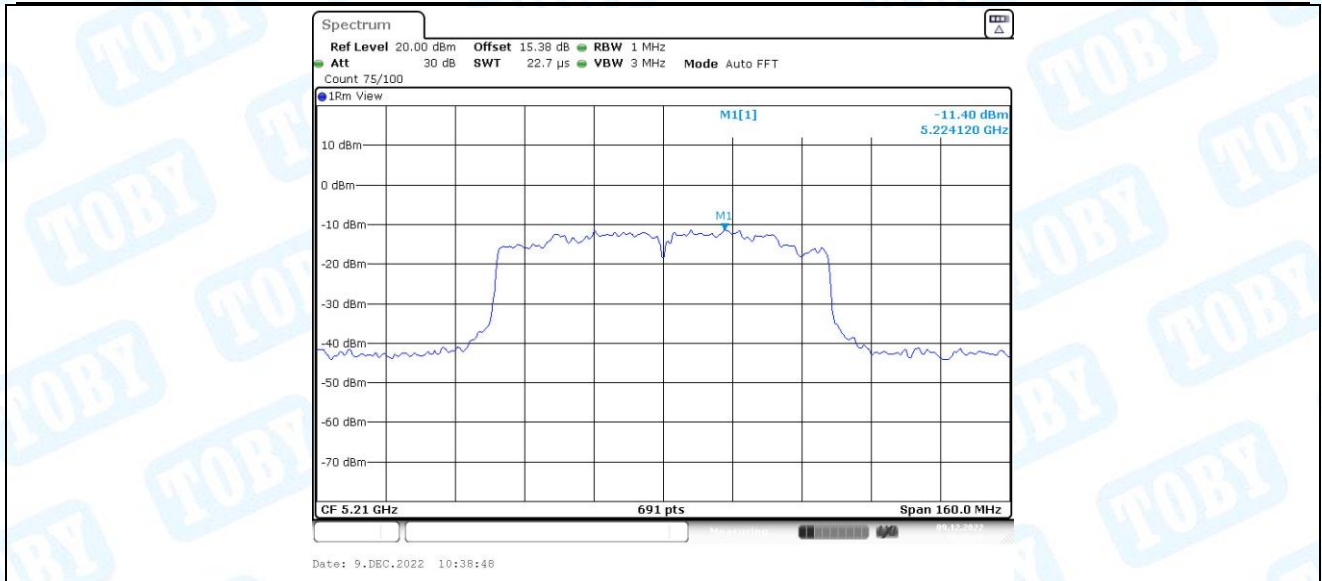
11AC40MIMO_Ant1_5230



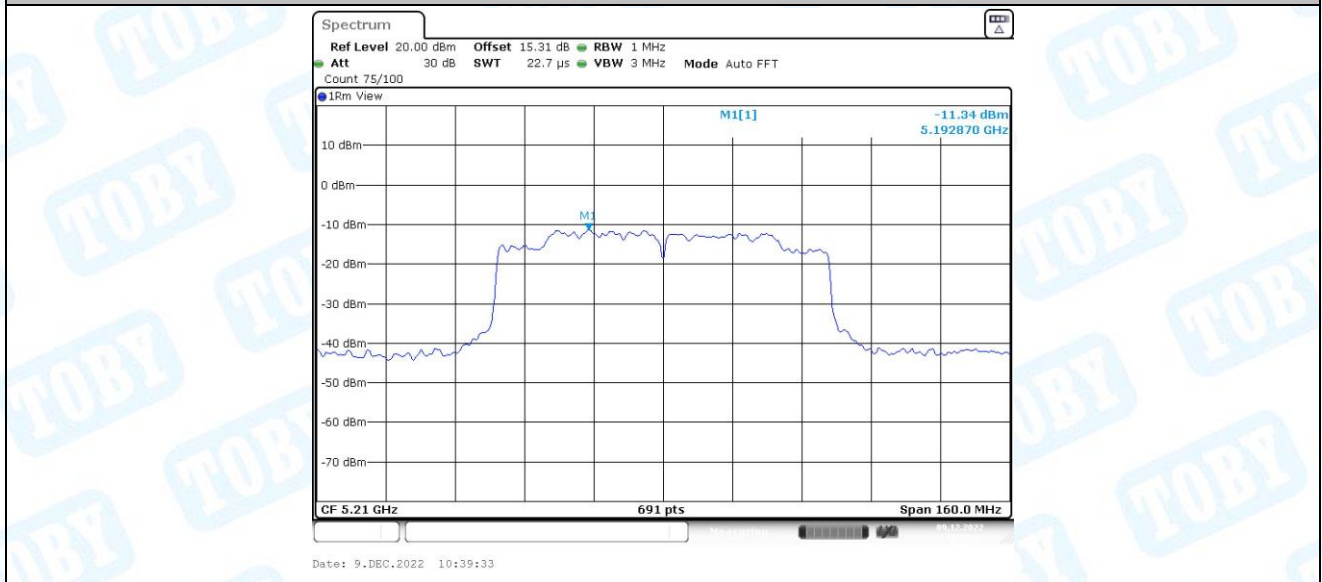
11AC40MIMO_Ant2_5230



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



6. Band edge measurements

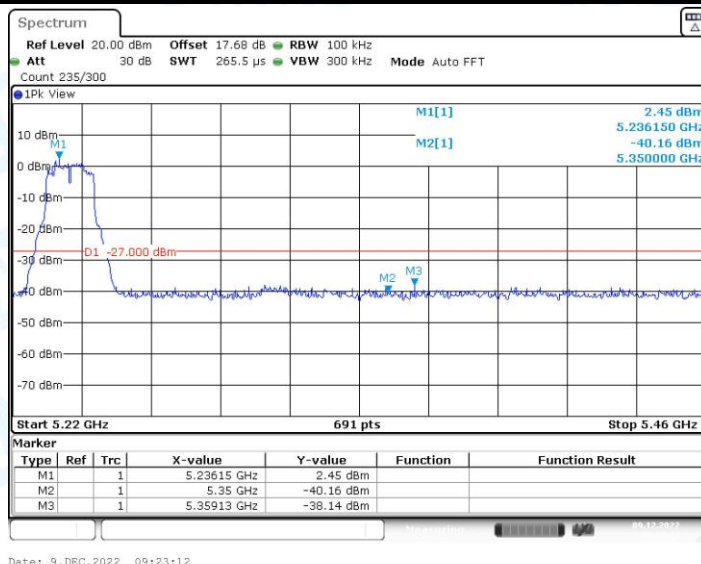
6.1. Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	Low	5180	-38.86	≤-27	PASS
	Ant2	Low	5180	-39.1	≤-27	PASS
	Ant1	High	5240	-38.14	≤-27	PASS
	Ant2	High	5240	-38.13	≤-27	PASS
11N20MIMO	Ant1	Low	5180	-38.34	≤-27	PASS
	Ant2	Low	5180	-37.91	≤-27	PASS
	Ant1	High	5240	-38.16	≤-27	PASS
	Ant2	High	5240	-37.96	≤-27	PASS
11N40MIMO	Ant1	Low	5190	-38.42	≤-27	PASS
	Ant2	Low	5190	-38.28	≤-27	PASS
	Ant1	High	5230	-38.82	≤-27	PASS
	Ant2	High	5230	-38.58	≤-27	PASS
11AC20MIMO	Ant1	Low	5180	-38.09	≤-27	PASS
	Ant2	Low	5180	-38.82	≤-27	PASS
	Ant1	High	5240	-37.37	≤-27	PASS
	Ant2	High	5240	-37.6	≤-27	PASS
11AC40MIMO	Ant1	Low	5190	-38.4	≤-27	PASS
	Ant2	Low	5190	-38.52	≤-27	PASS
	Ant1	High	5230	-38.45	≤-27	PASS
	Ant2	High	5230	-38.56	≤-27	PASS
11AC80MIMO	Ant1	Low	5210	-38.28	≤-27	PASS
	Ant2	Low	5210	-36.16	≤-27	PASS
	Ant1	High	5210	-38.44	≤-27	PASS
	Ant2	High	5210	-38.76	≤-27	PASS

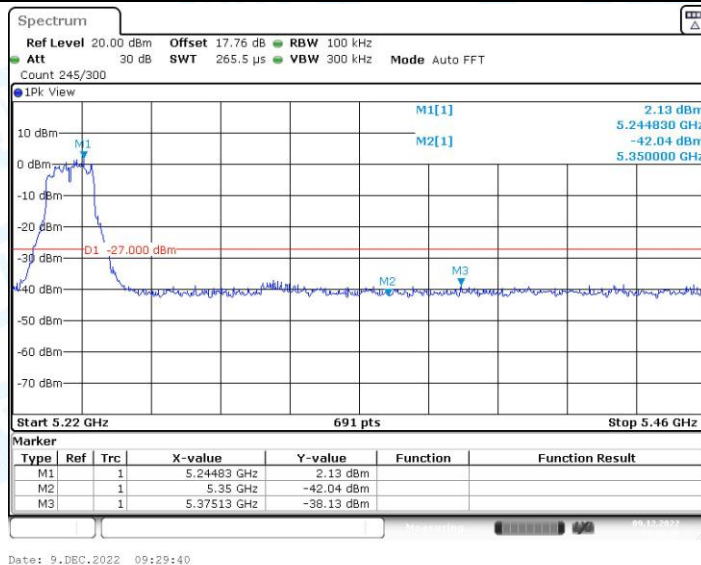
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
TestMode	Antenna	ChName	Channel	FreRang	Result	Limit	Verdict

6.2. Test Graphs

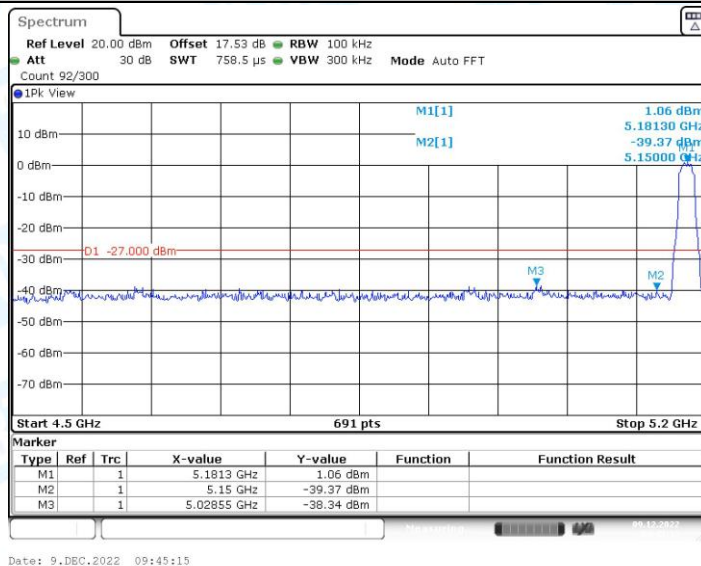




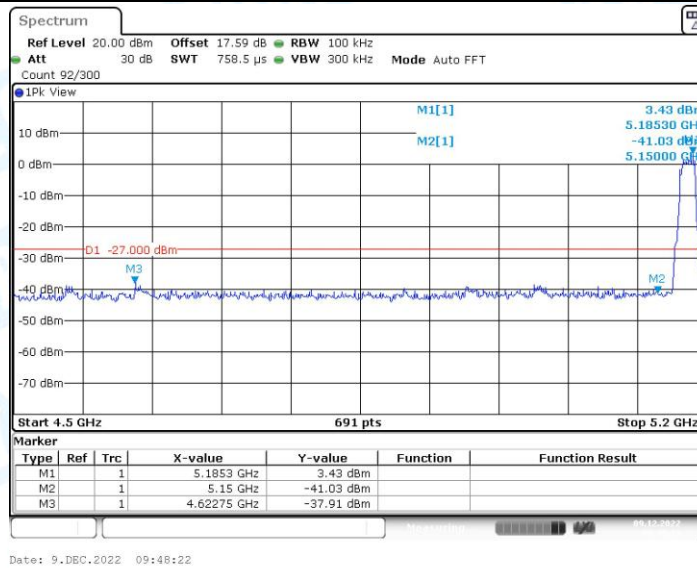
11A-CDD_Ant2_High_5240



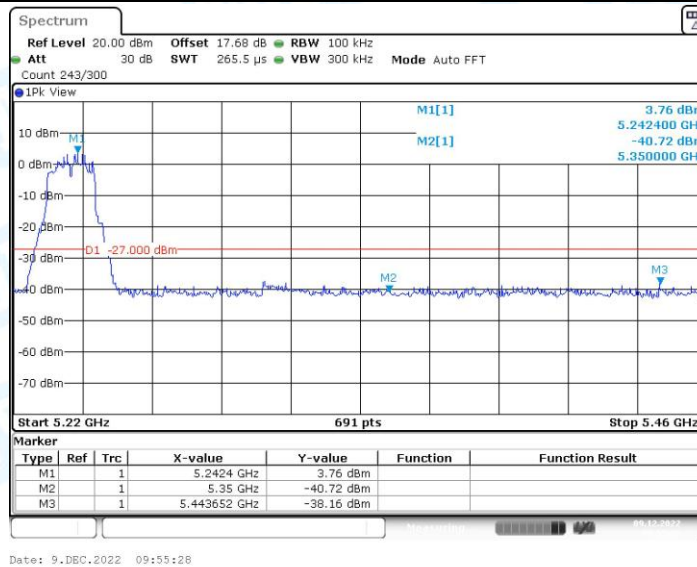
11N20MIMO_Ant1_Low_5180



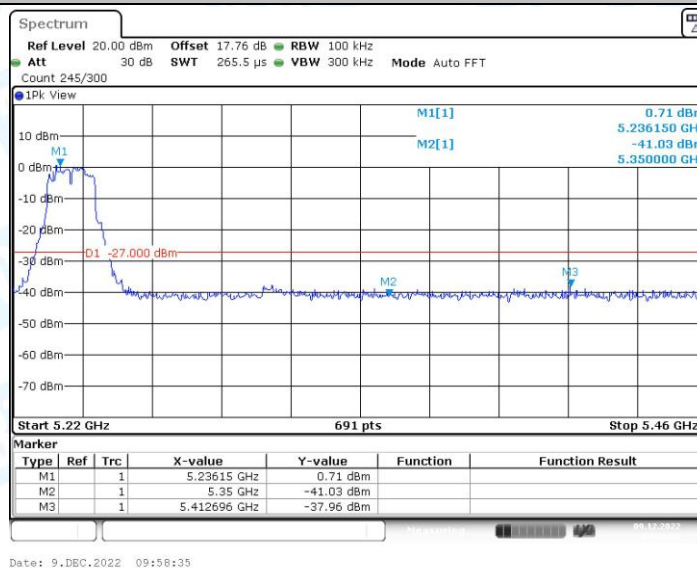
11N20MIMO_Ant2_Low_5180



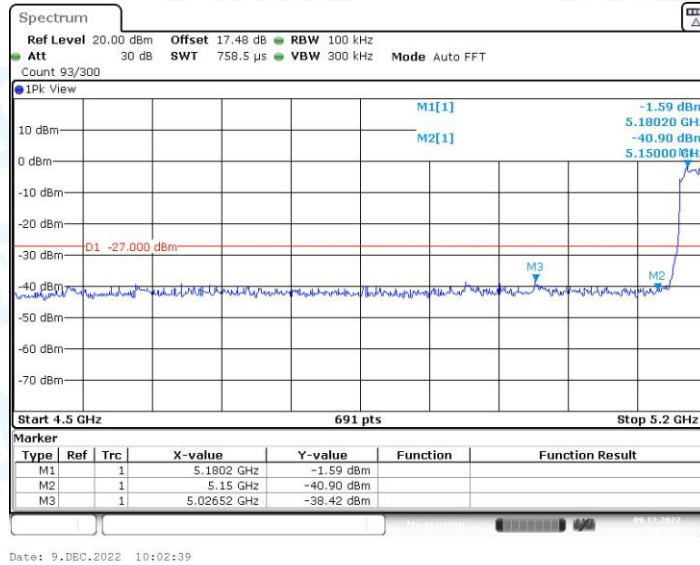
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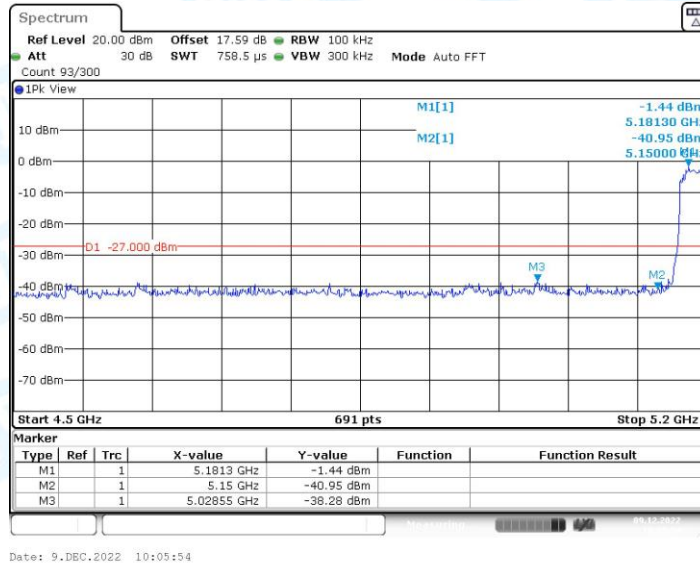
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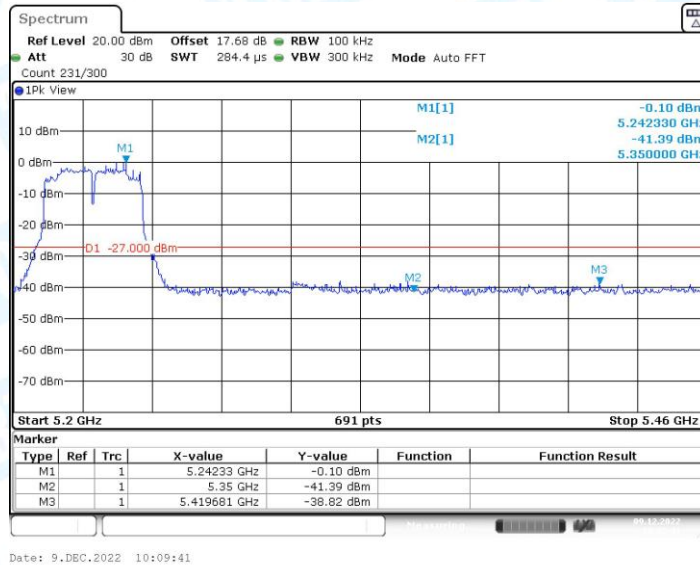
11N40MIMO_Ant1_Low_5190



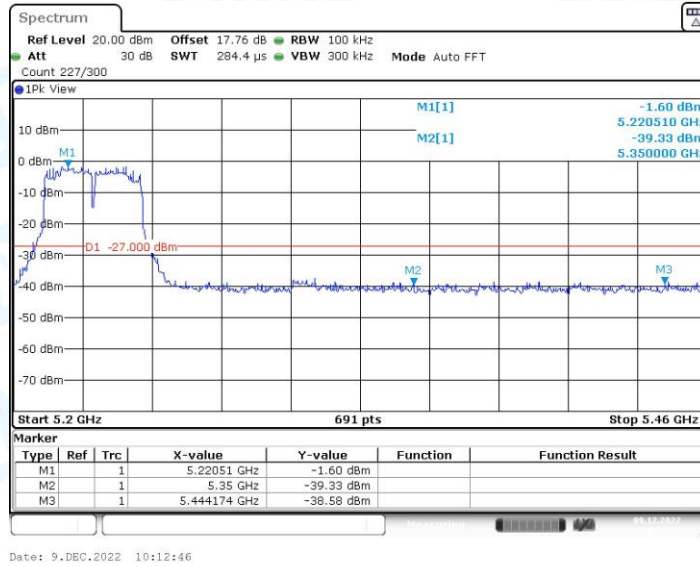
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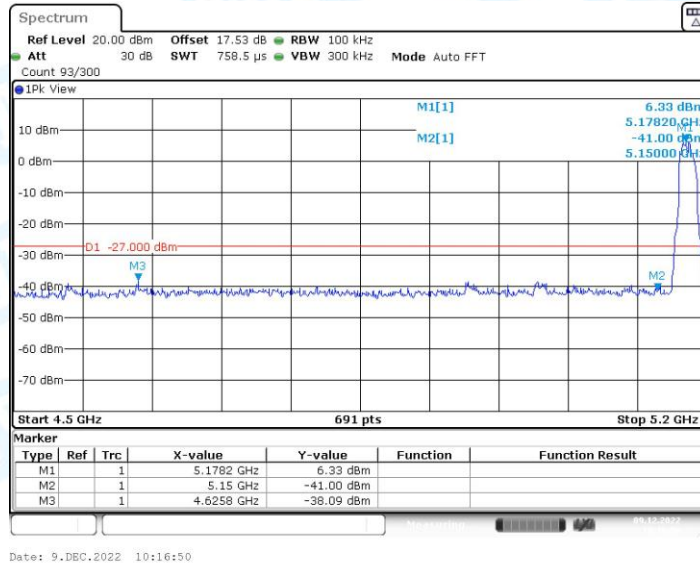
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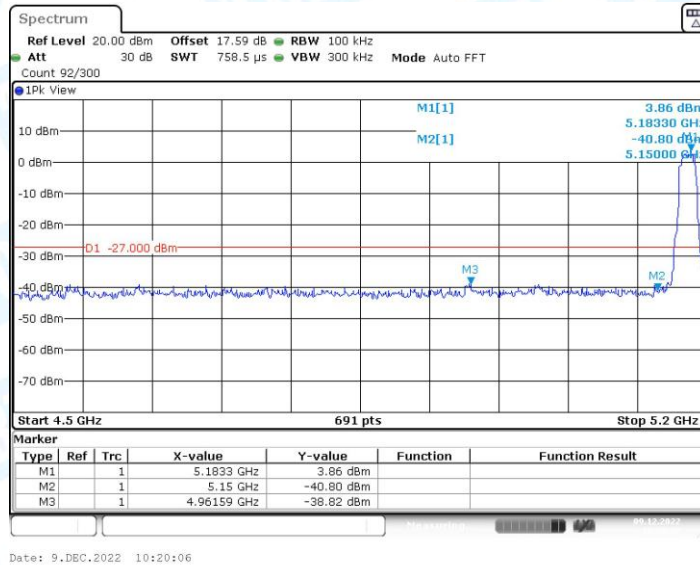
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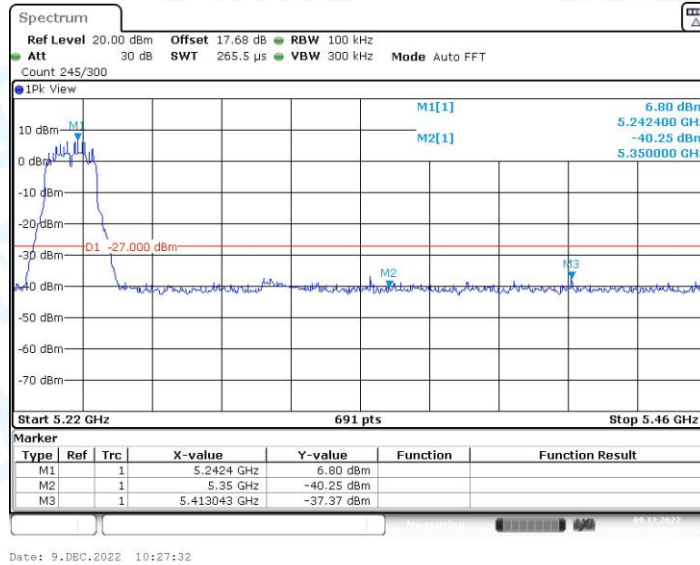
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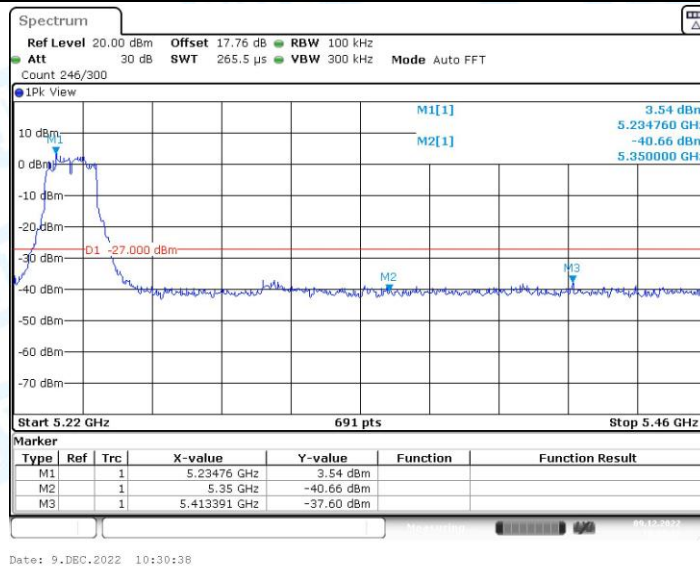
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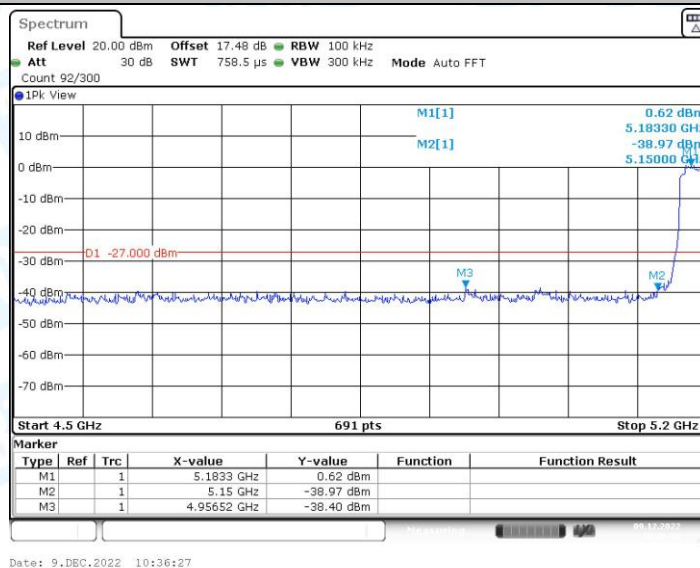
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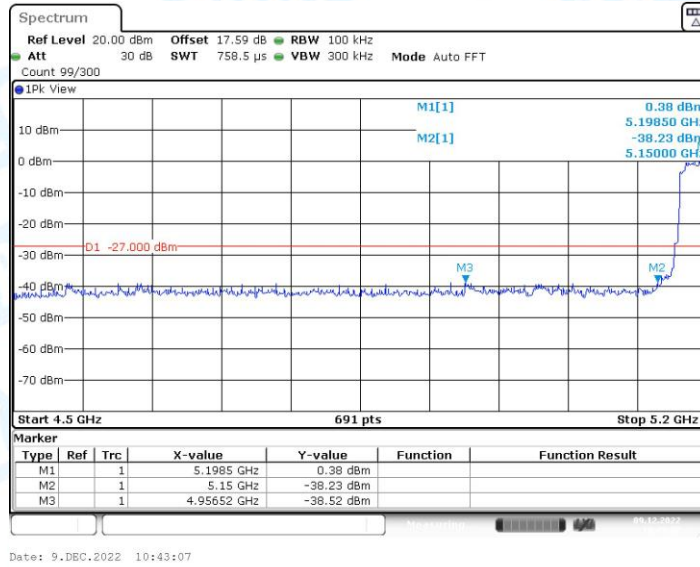
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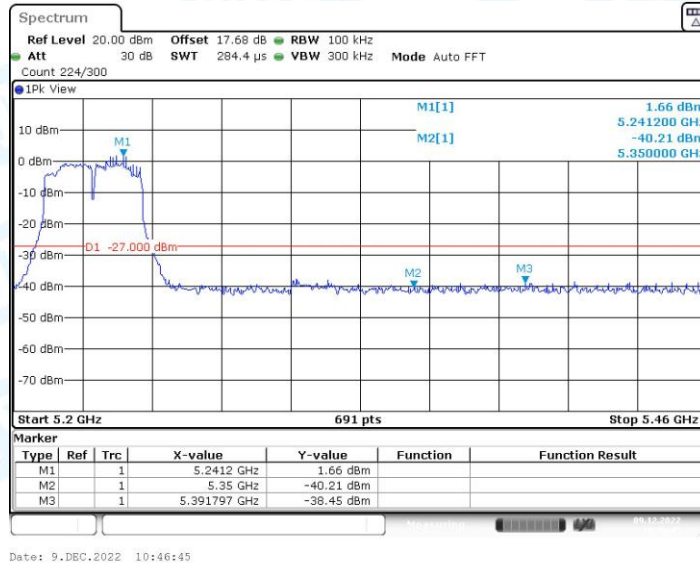
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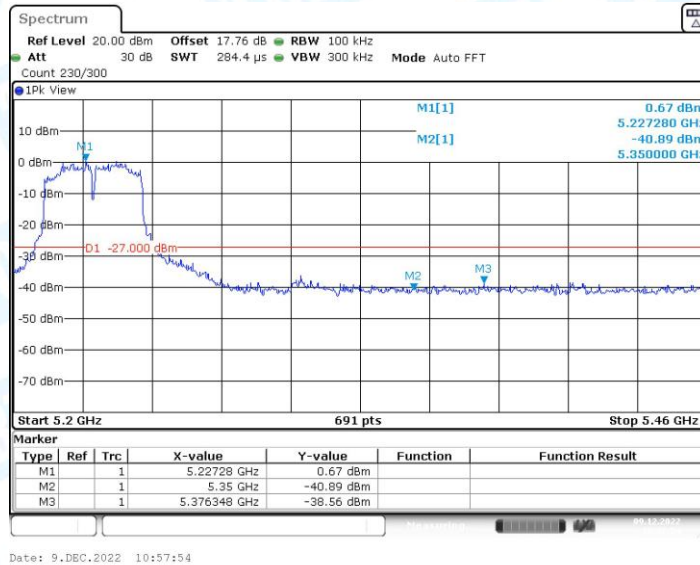
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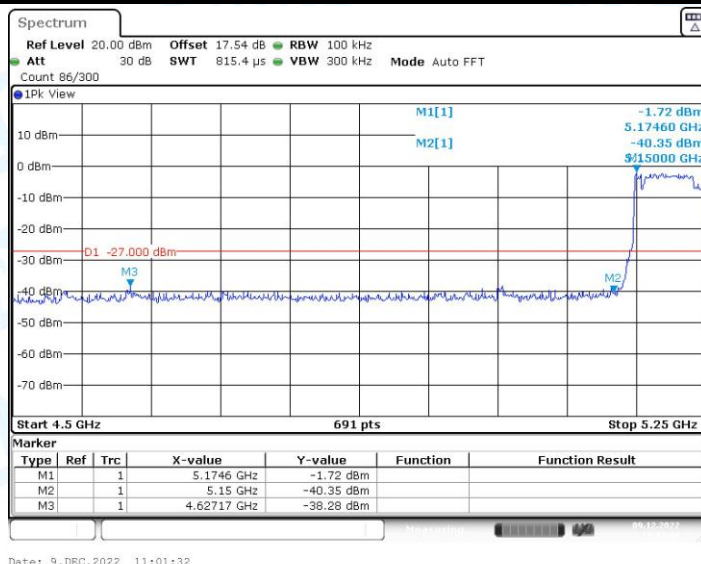
11AC40MIMO_Ant1_High_5230



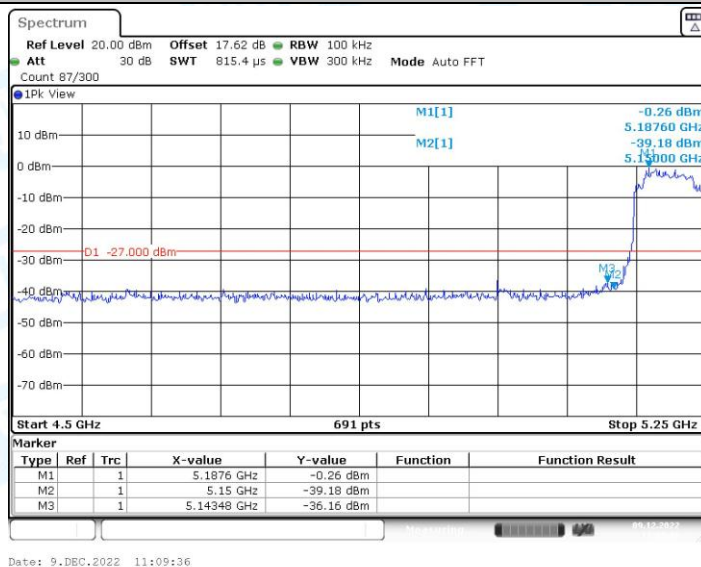
11AC40MIMO_Ant2_High_5230



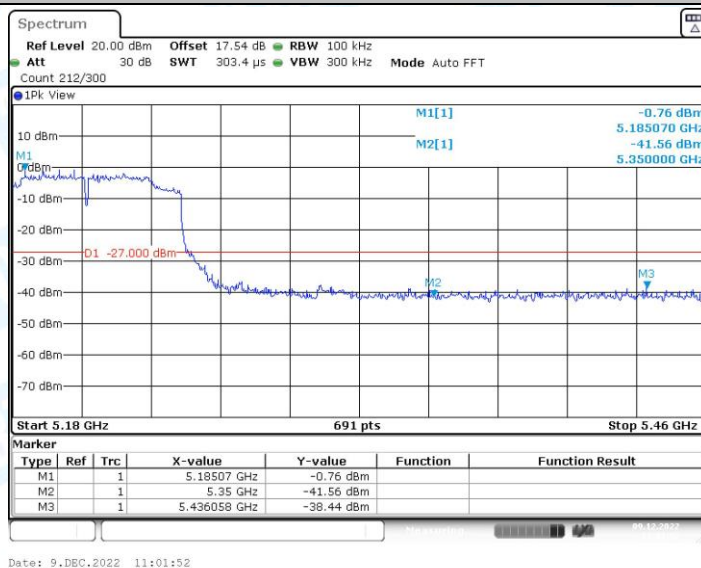
11AC80MIMO_Ant1_Low_5210



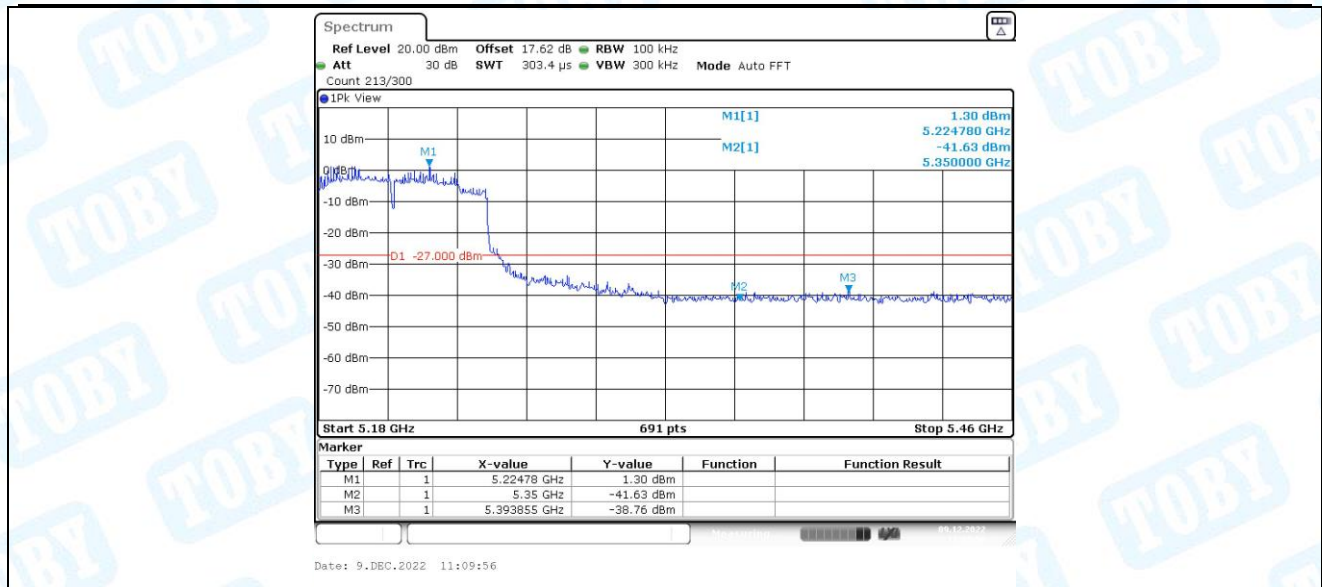
11AC80MIMO_Ant2_Low_5210



11AC80MIMO_Ant1_High_5210



11AC80MIMO_Ant2_High_5210



Band edge measurements(5725-5825)

7. Emissions in Restricted Bands

7.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	Low	5180	AV	4500.000	-47.07	≤-41.20	PASS
				AV	4893.623	-44.35	≤-41.20	PASS
				AV	5150.000	-46.4	≤-41.20	PASS
				Peak	4500.000	-35.56	≤-21.20	PASS
				Peak	4720.145	-32.36	≤-21.20	PASS
				Peak	5150.000	-34.42	≤-21.20	PASS
	Ant2	Low	5180	AV	4500.000	-46.85	≤-41.20	PASS
				AV	5032.609	-44.17	≤-41.20	PASS
				AV	5150.000	-46.2	≤-41.20	PASS
				Peak	4500.000	-34.52	≤-21.20	PASS
				Peak	4635.942	-31.84	≤-21.20	PASS
				Peak	5150.000	-33.41	≤-21.20	PASS
	total	Low	5180	AV	4500.000	-43.95	≤-41.20	PASS
				AV	5032.609	-41.25	≤-41.20	PASS
				AV	5150.000	-43.29	≤-41.20	PASS
				Peak	4500.000	-32.00	≤-21.20	PASS
				Peak	4635.942	-29.08	≤-21.20	PASS
				Peak	5150.000	-30.88	≤-21.20	PASS
	Ant1	High	5240	AV	5350.000	-46.11	≤-41.20	PASS
				AV	5447.826	-44.25	≤-41.20	PASS
				AV	5460.000	-45.83	≤-41.20	PASS
				Peak	5350.000	-34.88	≤-21.20	PASS
				Peak	5446.783	-32.58	≤-21.20	PASS
				Peak	5460.000	-35.17	≤-21.20	PASS
	Ant2	High	5240	AV	5350.000	-45.97	≤-41.20	PASS
				AV	5447.826	-44.18	≤-41.20	PASS
				AV	5460.000	-45.66	≤-41.20	PASS
				Peak	5350.000	-34.86	≤-21.20	PASS
				Peak	5358.087	-33.18	≤-21.20	PASS
				Peak	5460.000	-36.42	≤-21.20	PASS
	total	High	5240	AV	5350.000	-43.03	≤-41.20	PASS
				AV	5447.826	-41.20	≤-41.20	PASS
				AV	5460.000	-42.73	≤-41.20	PASS
				Peak	5350.000	-31.86	≤-21.20	PASS
				Peak	5358.087	-29.86	≤-21.20	PASS
				Peak	5460.000	-32.74	≤-21.20	PASS
11N20MIM O	Ant1	Low	5180	AV	4500.000	-46.94	≤-41.20	PASS
				AV	5032.609	-44.28	≤-41.20	PASS
				AV	5150.000	-46.41	≤-41.20	PASS

	Ant2	Low	5180	Peak	4500.000	-35.48	≤-21.20	PASS
				Peak	5139.130	-32.06	≤-21.20	PASS
				Peak	5150.000	-34.37	≤-21.20	PASS
				AV	4500.000	-46.99	≤-41.20	PASS
				AV	5032.609	-44.2	≤-41.20	PASS
				AV	5150.000	-46.37	≤-41.20	PASS
				Peak	4500.000	-35.18	≤-21.20	PASS
				Peak	4755.652	-31.88	≤-21.20	PASS
				Peak	5150.000	-33.94	≤-21.20	PASS
	total	Low	5180	AV	4500.000	-43.95	≤-41.20	PASS
				AV	5032.609	-41.23	≤-41.20	PASS
				AV	5150.000	-43.38	≤-41.20	PASS
				Peak	4500.000	-32.32	≤-21.20	PASS
				Peak	4755.652	-28.96	≤-21.20	PASS
				Peak	5150.000	-31.14	≤-21.20	PASS
	Ant1	High	5240	AV	5350.000	-46.09	≤-41.20	PASS
				AV	5448.174	-44.35	≤-41.20	PASS
				AV	5460.000	-45.93	≤-41.20	PASS
				Peak	5350.000	-36.3	≤-21.20	PASS
				Peak	5446.783	-33.2	≤-21.20	PASS
				Peak	5460.000	-34.09	≤-21.20	PASS
	Ant2	High	5240	AV	5350.000	-45.78	≤-41.20	PASS
				AV	5448.174	-44.2	≤-41.20	PASS
				AV	5460.000	-45.83	≤-41.20	PASS
				Peak	5350.000	-36.06	≤-21.20	PASS
				Peak	5450.609	-32.89	≤-21.20	PASS
				Peak	5460.000	-34.79	≤-21.20	PASS
	total	High	5240	AV	5350.000	-42.92	≤-41.20	PASS
				AV	5448.174	-41.26	≤-41.20	PASS
				AV	5460.000	-42.87	≤-41.20	PASS
				Peak	5350.000	-33.17	≤-21.20	PASS
				Peak	5450.609	-30.03	≤-21.20	PASS
				Peak	5460.000	-31.42	≤-21.20	PASS
11N40MIM O	Ant1	Low	5190	AV	4500.000	-47.35	≤-41.20	PASS
				AV	5032.609	-44.7	≤-41.20	PASS
				AV	5150.000	-45.75	≤-41.20	PASS
				Peak	4500.000	-35.07	≤-21.20	PASS
				Peak	4879.420	-32.44	≤-21.20	PASS
				Peak	5150.000	-33.78	≤-21.20	PASS
	Ant2	Low	5190	AV	4500.000	-47.28	≤-41.20	PASS
				AV	5032.609	-44.59	≤-41.20	PASS
				AV	5150.000	-45.97	≤-41.20	PASS
				Peak	4500.000	-35.04	≤-21.20	PASS
				Peak	4899.710	-32.26	≤-21.20	PASS
				Peak	5150.000	-33.06	≤-21.20	PASS

	total	Low	5190	AV	4500.000	-44.30	≤-41.20	PASS
				AV	5032.609	-41.63	≤-41.20	PASS
				AV	5150.000	-42.85	≤-41.20	PASS
				Peak	4500.000	-32.04	≤-21.20	PASS
				Peak	4899.710	-29.34	≤-21.20	PASS
				Peak	5150.000	-30.39	≤-21.20	PASS
	Ant1	High	5230	AV	5350.000	-46.78	≤-41.20	PASS
				AV	5447.942	-44.74	≤-41.20	PASS
				AV	5460.000	-46.21	≤-41.20	PASS
				Peak	5350.000	-34.28	≤-21.20	PASS
				Peak	5449.449	-32.87	≤-21.20	PASS
				Peak	5460.000	-35.18	≤-21.20	PASS
	Ant2	High	5230	AV	5350.000	-46.73	≤-41.20	PASS
				AV	5447.942	-44.64	≤-41.20	PASS
				AV	5460.000	-46.2	≤-41.20	PASS
				Peak	5350.000	-36.63	≤-21.20	PASS
				Peak	5449.826	-31.52	≤-21.20	PASS
				Peak	5460.000	-35.13	≤-21.20	PASS
	total	High	5230	AV	5350.000	-43.74	≤-41.20	PASS
				AV	5447.942	-41.68	≤-41.20	PASS
				AV	5460.000	-43.19	≤-41.20	PASS
				Peak	5350.000	-32.29	≤-21.20	PASS
				Peak	5449.826	-29.13	≤-21.20	PASS
				Peak	5460.000	-32.14	≤-21.20	PASS
11AC20MI MO	Ant1	Low	5180	AV	4500.000	-47.36	≤-41.20	PASS
				AV	5032.609	-44.65	≤-41.20	PASS
				AV	5150.000	-46.76	≤-41.20	PASS
				Peak	4500.000	-34.71	≤-21.20	PASS
				Peak	5114.783	-32.34	≤-21.20	PASS
				Peak	5150.000	-33.41	≤-21.20	PASS
	Ant2	Low	5180	AV	4500.000	-47.31	≤-41.20	PASS
				AV	5032.609	-44.65	≤-41.20	PASS
				AV	5150.000	-46.63	≤-41.20	PASS
				Peak	4500.000	-34.62	≤-21.20	PASS
				Peak	5149.275	-30.89	≤-21.20	PASS
				Peak	5150.000	-31.06	≤-21.20	PASS
	total	Low	5180	AV	4500.000	-44.32	≤-41.20	PASS
				AV	5032.609	-41.64	≤-41.20	PASS
				AV	5150.000	-43.68	≤-41.20	PASS
				Peak	4500.000	-31.65	≤-21.20	PASS
				Peak	5149.275	-28.54	≤-21.20	PASS
				Peak	5150.000	-29.07	≤-21.20	PASS
	Ant1	High	5240	AV	5350.000	-46.5	≤-41.20	PASS
				AV	5448.174	-44.69	≤-41.20	PASS
				AV	5460.000	-46.34	≤-41.20	PASS

11AC40MI MO	Ant2	High	5240	Peak	5350.000	-34.67	≤-21.20	PASS
				Peak	5447.826	-32.21	≤-21.20	PASS
				Peak	5460.000	-35.78	≤-21.20	PASS
				AV	5350.000	-46.37	≤-41.20	PASS
				AV	5447.826	-44.66	≤-41.20	PASS
				AV	5460.000	-46.28	≤-41.20	PASS
				Peak	5350.000	-34.61	≤-21.20	PASS
				Peak	5448.174	-32.52	≤-21.20	PASS
				Peak	5460.000	-36.48	≤-21.20	PASS
	total	High	5240	AV	5350.000	-43.42	≤-41.20	PASS
				AV	5447.826	-41.66	≤-41.20	PASS
				AV	5460.000	-43.30	≤-41.20	PASS
				Peak	5350.000	-31.63	≤-21.20	PASS
				Peak	5448.174	-29.35	≤-21.20	PASS
				Peak	5460.000	-33.11	≤-21.20	PASS
11AC40MI MO	Ant1	Low	5190	AV	4500.000	-47.38	≤-41.20	PASS
				AV	5149.275	-43.88	≤-41.20	PASS
				AV	5150.000	-43.42	≤-41.20	PASS
				Peak	4500.000	-34.55	≤-21.20	PASS
				Peak	5147.246	-29.63	≤-21.20	PASS
				Peak	5150.000	-31.29	≤-21.20	PASS
	Ant2	Low	5190	AV	4500.000	-47.29	≤-41.20	PASS
				AV	5032.609	-44.63	≤-41.20	PASS
				AV	5150.000	-46.68	≤-41.20	PASS
				Peak	4500.000	-34.76	≤-21.20	PASS
				Peak	4609.565	-32.17	≤-21.20	PASS
				Peak	5150.000	-33.97	≤-21.20	PASS
	total	Low	5190	AV	4500.000	-44.32	≤-41.20	PASS
				AV	5032.609	-41.23	≤-41.20	PASS
				AV	5150.000	-41.74	≤-41.20	PASS
				Peak	4500.000	-31.64	≤-21.20	PASS
				Peak	4609.565	-27.71	≤-21.20	PASS
				Peak	5150.000	-29.42	≤-21.20	PASS
	Ant1	High	5230	AV	5350.000	-46.85	≤-41.20	PASS
				AV	5448.319	-44.7	≤-41.20	PASS
				AV	5460.000	-46.22	≤-41.20	PASS
				Peak	5350.000	-35.21	≤-21.20	PASS
				Peak	5447.565	-32.73	≤-21.20	PASS
				Peak	5460.000	-35.61	≤-21.20	PASS
	Ant2	High	5230	AV	5350.000	-46.7	≤-41.20	PASS
				AV	5448.319	-44.59	≤-41.20	PASS
				AV	5460.000	-46.14	≤-41.20	PASS
				Peak	5350.000	-34.77	≤-21.20	PASS
				Peak	5454.725	-33.17	≤-21.20	PASS
				Peak	5460.000	-35.2	≤-21.20	PASS

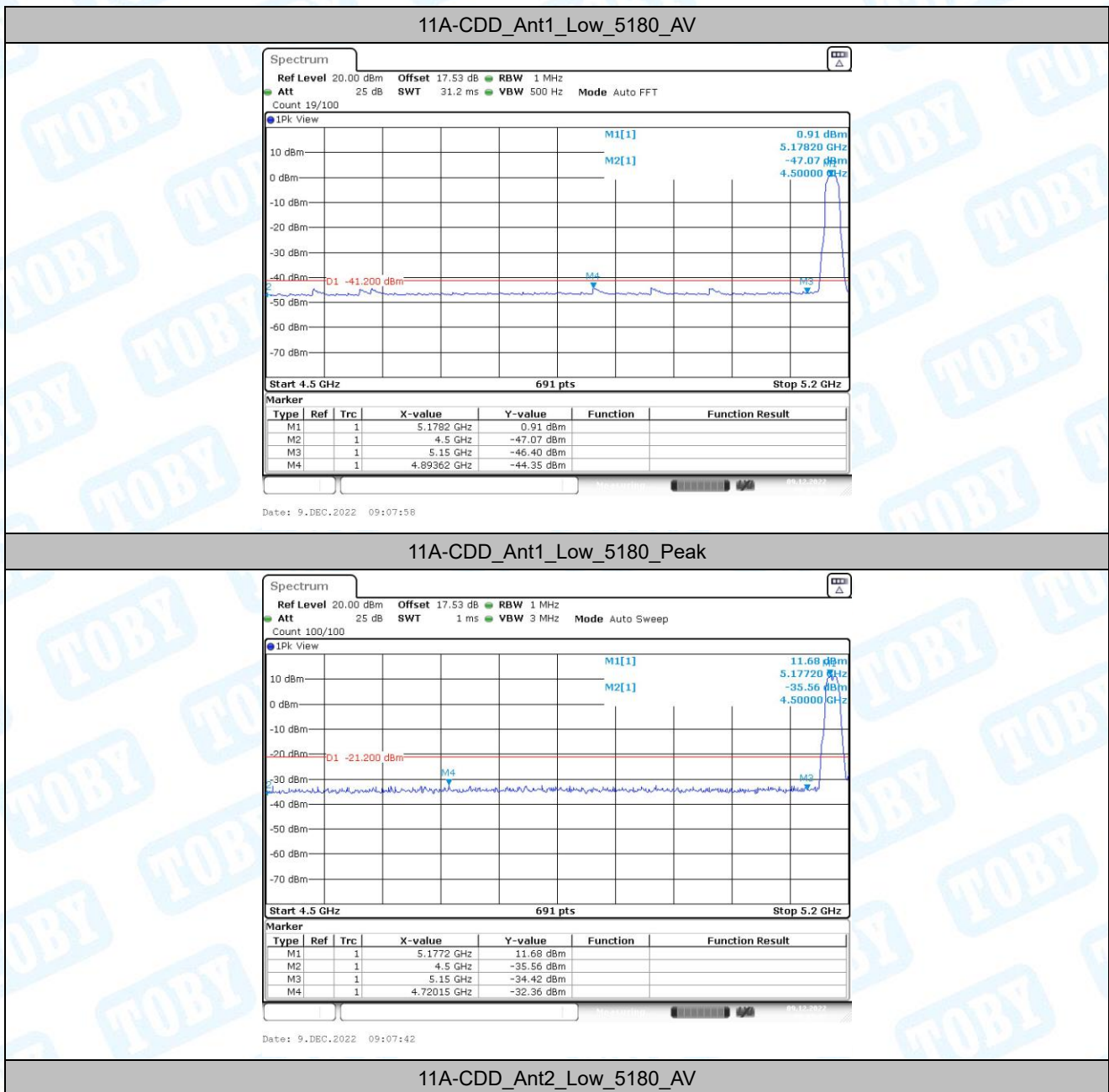
11AC80MI MO	total	High	5230	AV	5350.000	-43.76	≤-41.20	PASS
				AV	5448.319	-41.63	≤-41.20	PASS
				AV	5460.000	-43.17	≤-41.20	PASS
				Peak	5350.000	-31.97	≤-21.20	PASS
				Peak	5454.725	-29.93	≤-21.20	PASS
				Peak	5460.000	-32.39	≤-21.20	PASS
	Ant1	Low	5210	AV	4500.000	-47.34	≤-41.20	PASS
				AV	5148.913	-44.61	≤-41.20	PASS
				AV	5150.000	-44.61	≤-41.20	PASS
				Peak	4500.000	-34.37	≤-21.20	PASS
				Peak	5148.913	-31.03	≤-21.20	PASS
				Peak	5150.000	-31.8	≤-21.20	PASS
	Ant2	Low	5210	AV	4500.000	-47.3	≤-41.20	PASS
				AV	4896.739	-44.72	≤-41.20	PASS
				AV	5150.000	-46.47	≤-41.20	PASS
				Peak	4500.000	-34.44	≤-21.20	PASS
				Peak	4876.087	-32.27	≤-21.20	PASS
				Peak	5150.000	-34.4	≤-21.20	PASS
	total	Low	5210	AV	4500.000	-44.31	≤-41.20	PASS
				AV	4896.739	-41.65	≤-41.20	PASS
				AV	5150.000	-42.43	≤-41.20	PASS
				Peak	4500.000	-31.39	≤-21.20	PASS
				Peak	4876.087	-28.60	≤-21.20	PASS
				Peak	5150.000	-29.90	≤-21.20	PASS
11AC80MI MO	Ant1	High	5210	AV	5350.000	-46.43	≤-41.20	PASS
				AV	5447.420	-44.82	≤-41.20	PASS
				AV	5460.000	-46.33	≤-41.20	PASS
				Peak	5350.000	-36.86	≤-21.20	PASS
				Peak	5434.029	-33.06	≤-21.20	PASS
				Peak	5460.000	-35.61	≤-21.20	PASS
	Ant2	High	5210	AV	5350.000	-46.53	≤-41.20	PASS
				AV	5447.826	-44.84	≤-41.20	PASS
				AV	5460.000	-46.43	≤-41.20	PASS
				Peak	5350.000	-36.53	≤-21.20	PASS
				Peak	5351.652	-32.85	≤-21.20	PASS
				Peak	5460.000	-36.02	≤-21.20	PASS
	total	High	5210	AV	5350.000	-43.47	≤-41.20	PASS
				AV	5447.826	-41.82	≤-41.20	PASS
				AV	5460.000	-43.37	≤-41.20	PASS
				Peak	5350.000	-33.68	≤-21.20	PASS
				Peak	5351.652	-29.94	≤-21.20	PASS
				Peak	5460.000	-32.80	≤-21.20	PASS

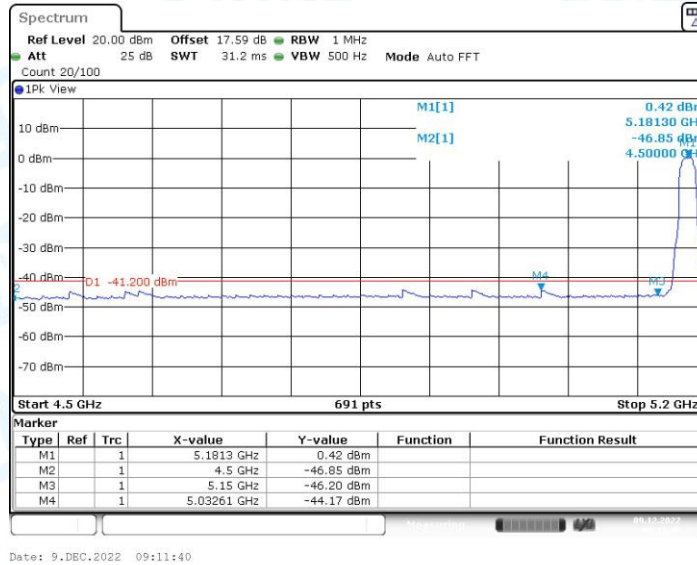
Note:

1. The Antenna Gain is compensated in the graph.

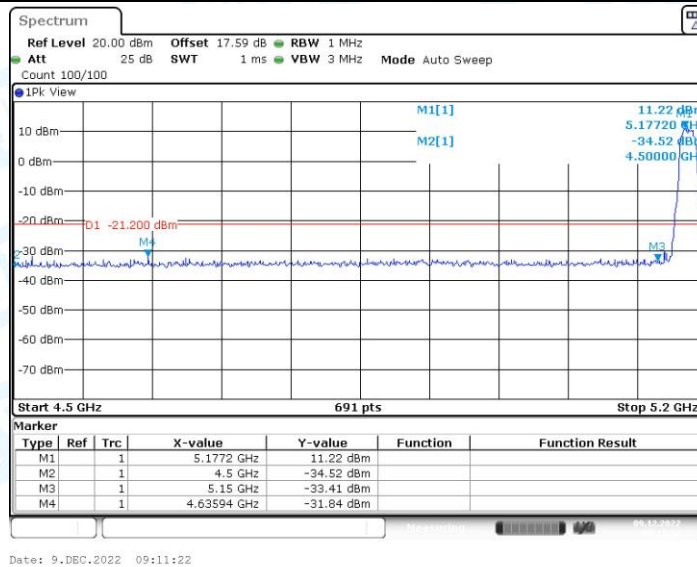
-
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

7.2. Test Graphs

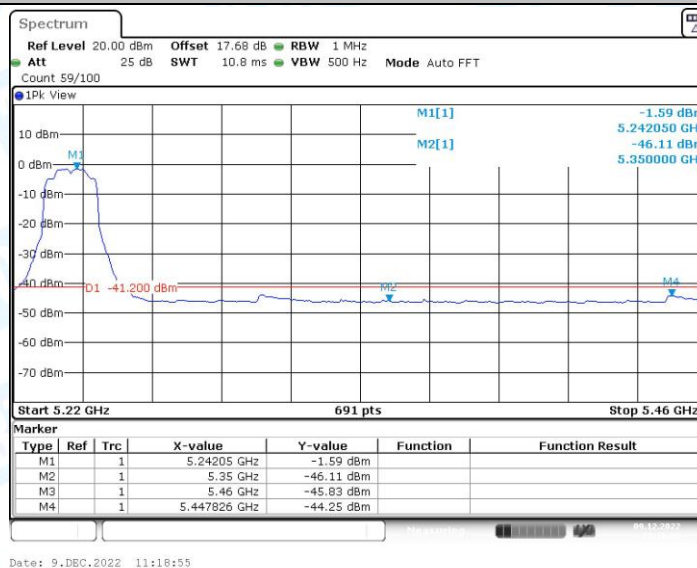




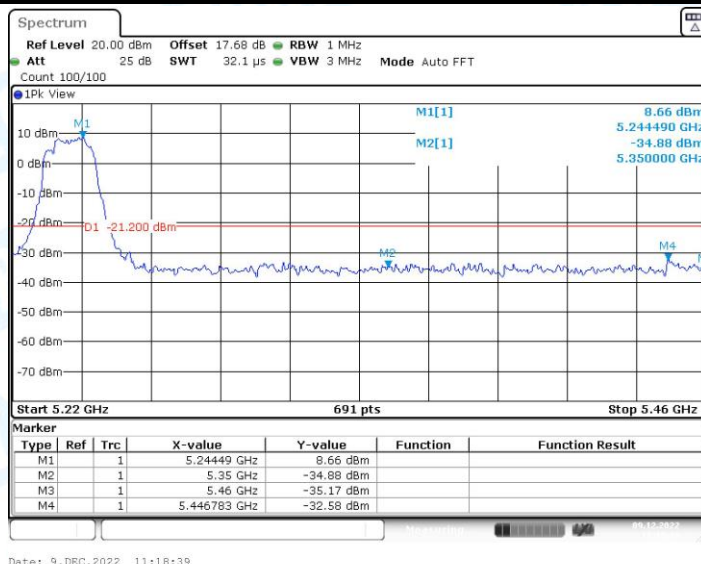
11A-CDD_Ant2_Low_5180_Peak



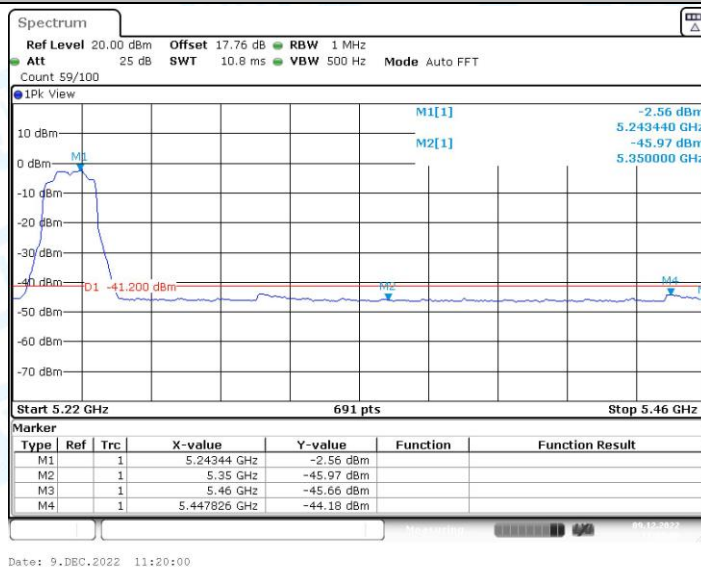
11A-CDD_Ant1_High_5240_AV



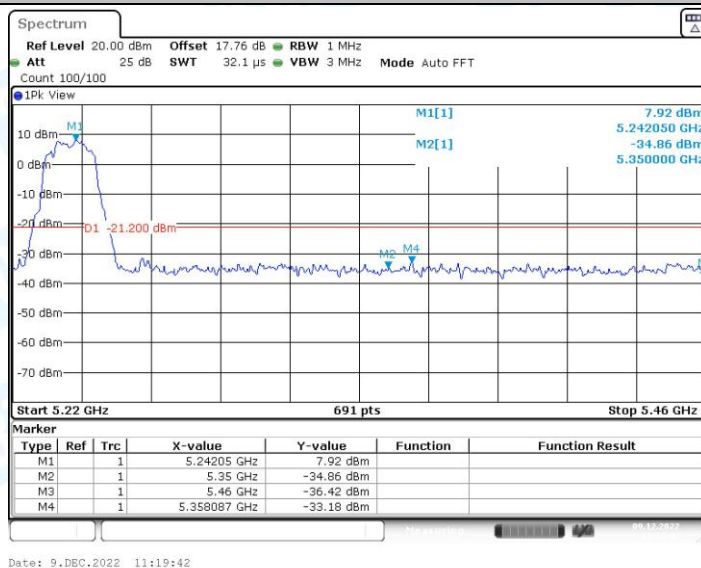
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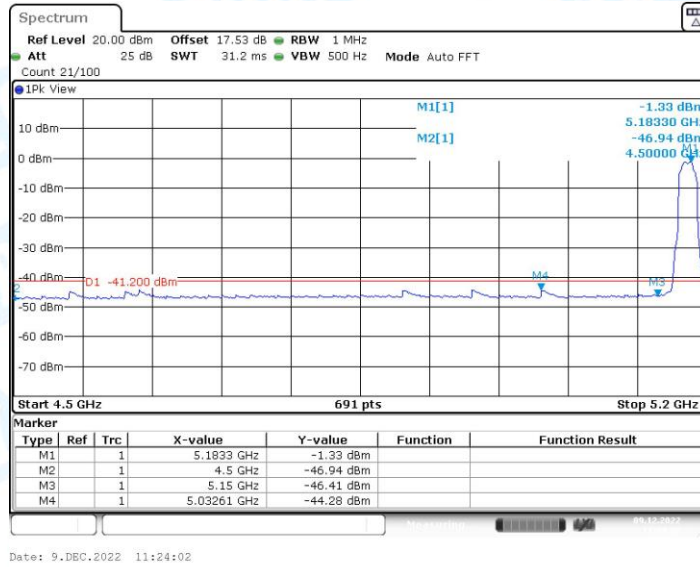
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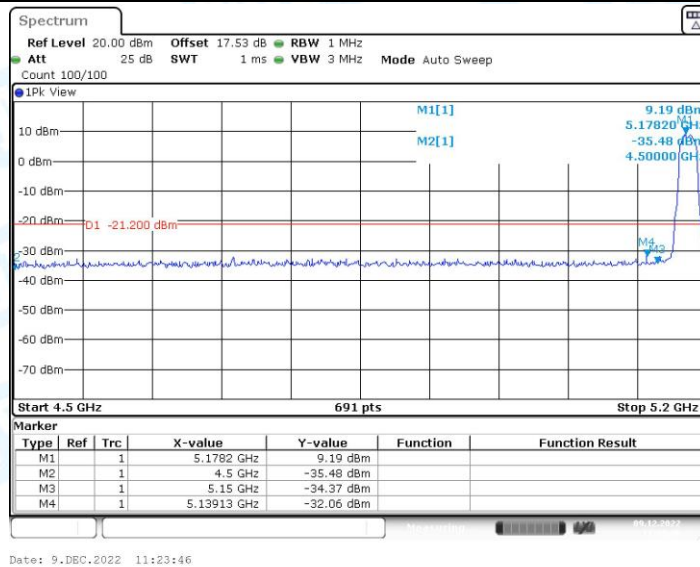
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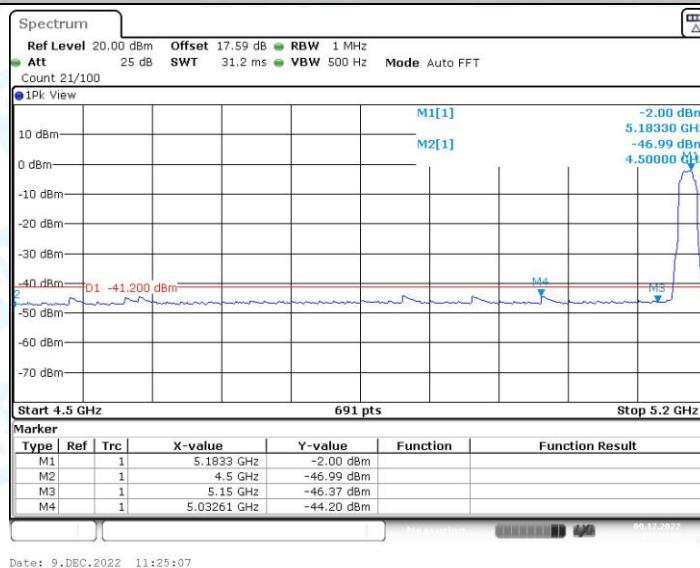
11N20MIMO_Ant1_Low_5180_AV



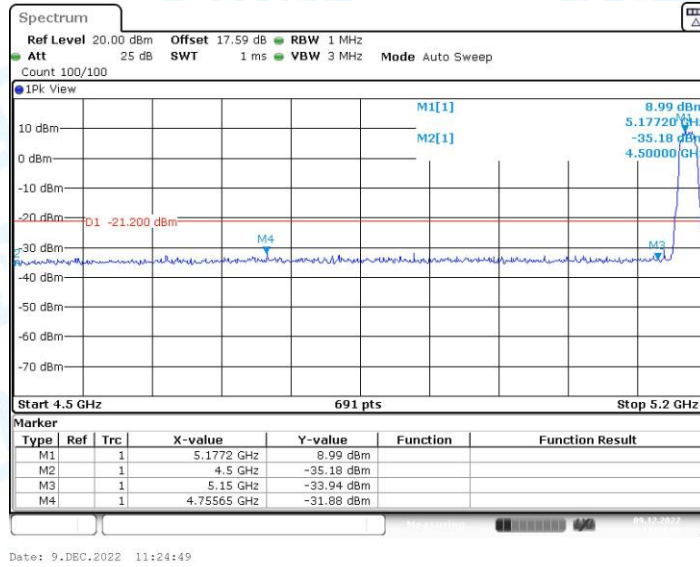
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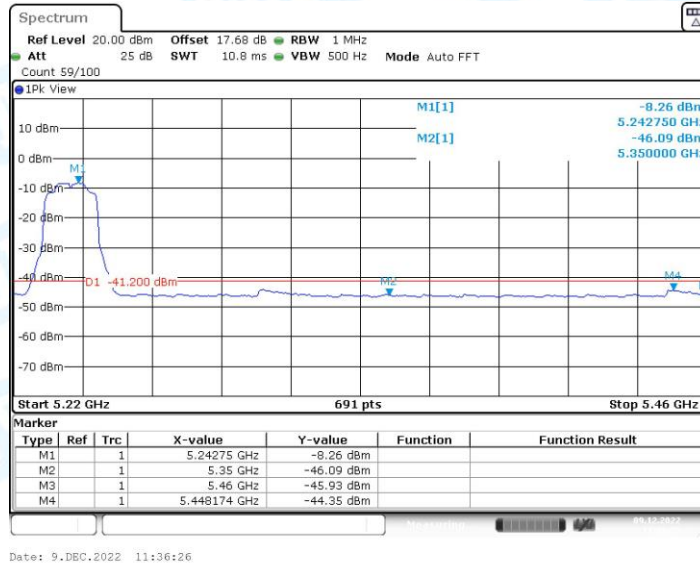
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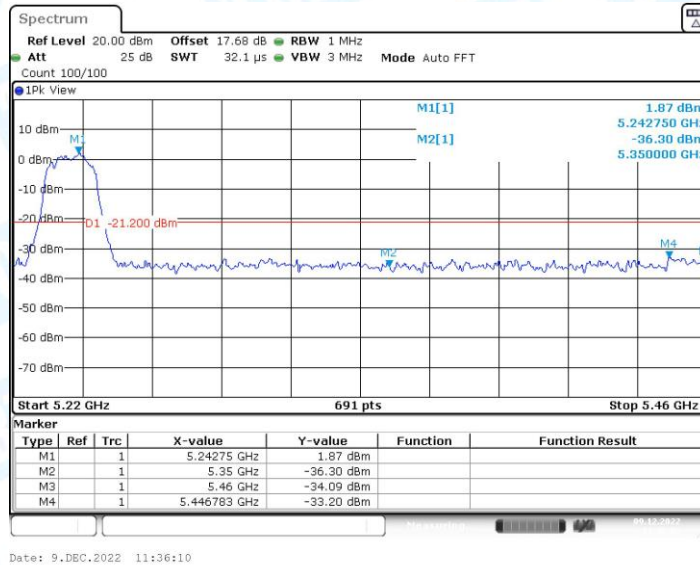
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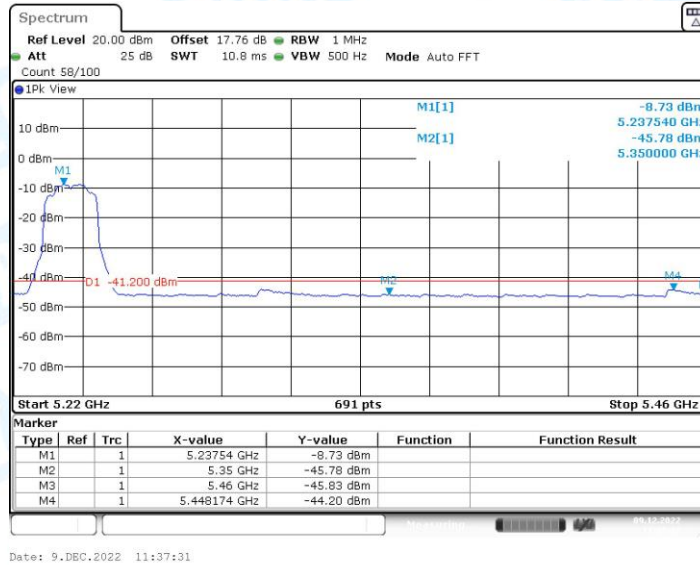
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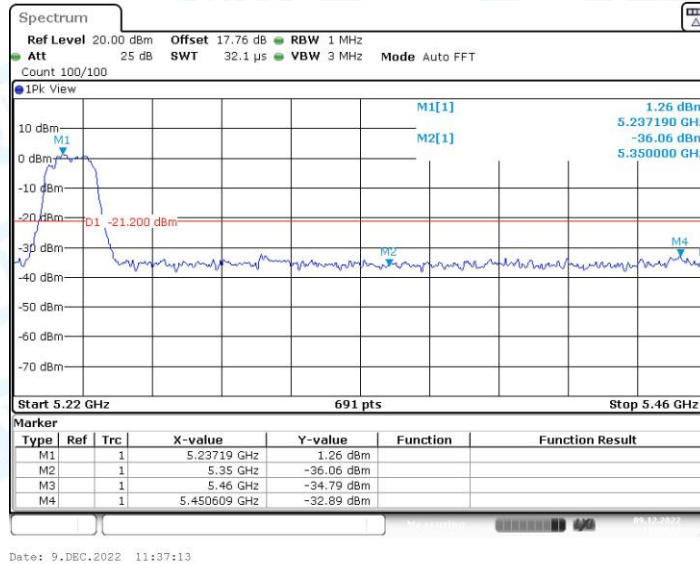
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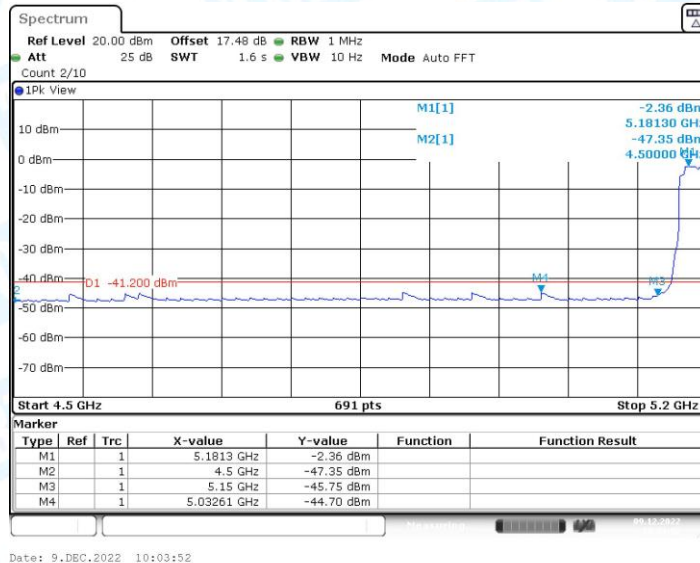
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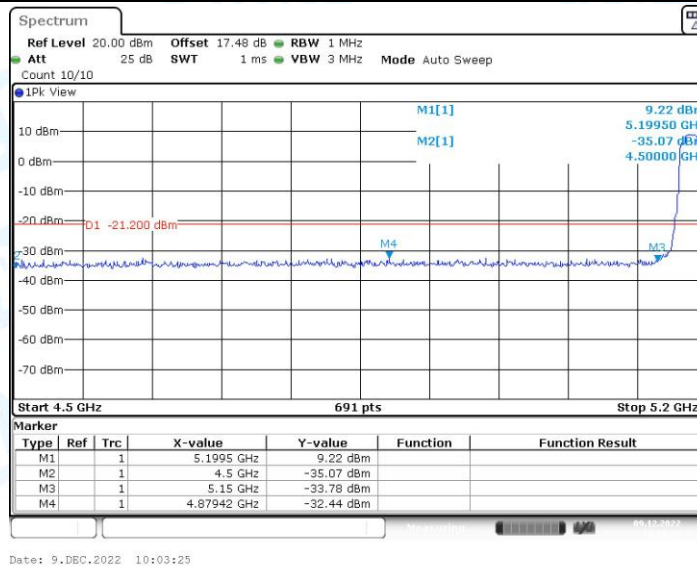
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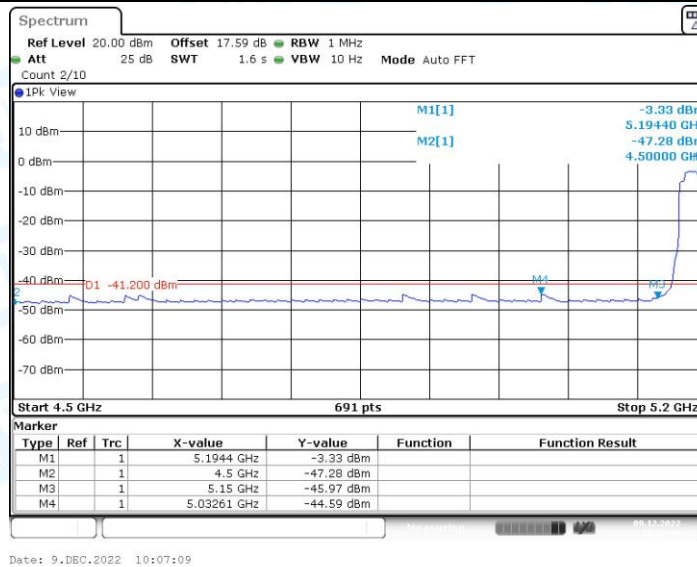
11N40MIMO_Ant1_Low_5190_AV



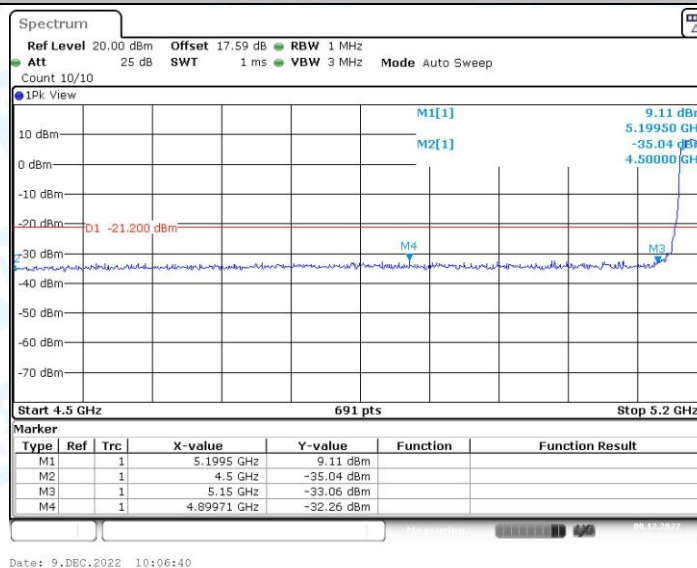
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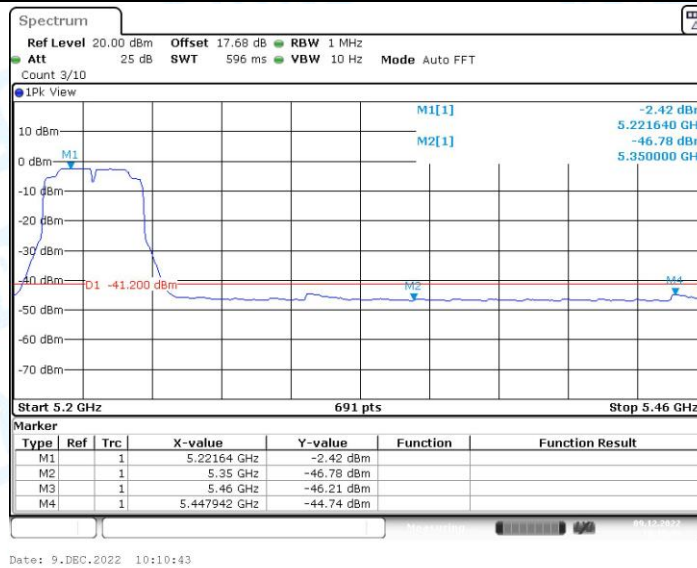
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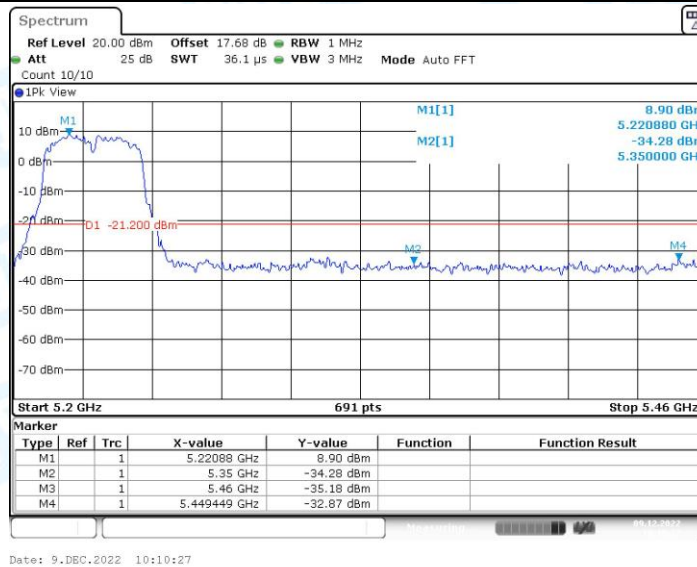
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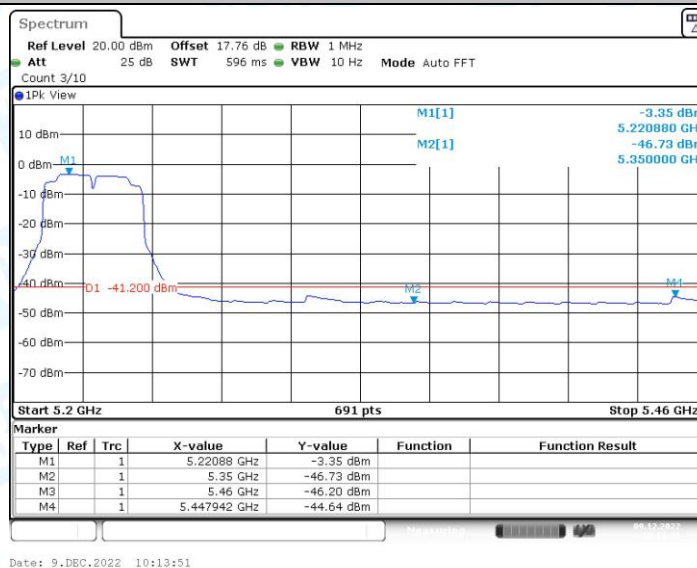
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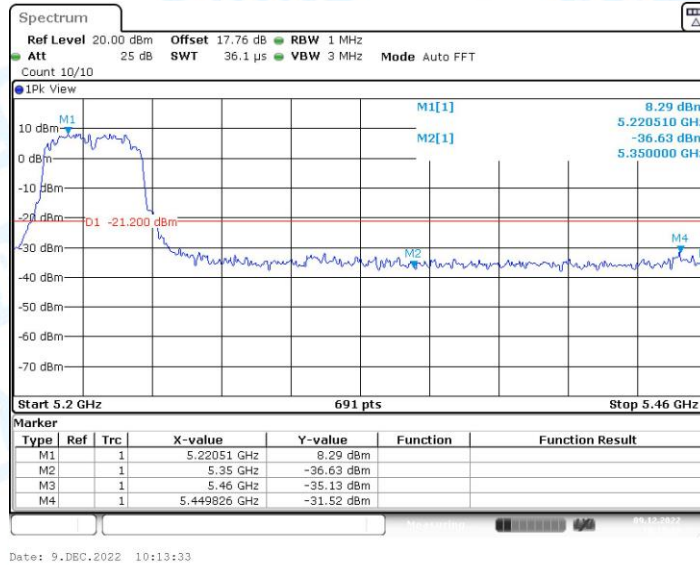
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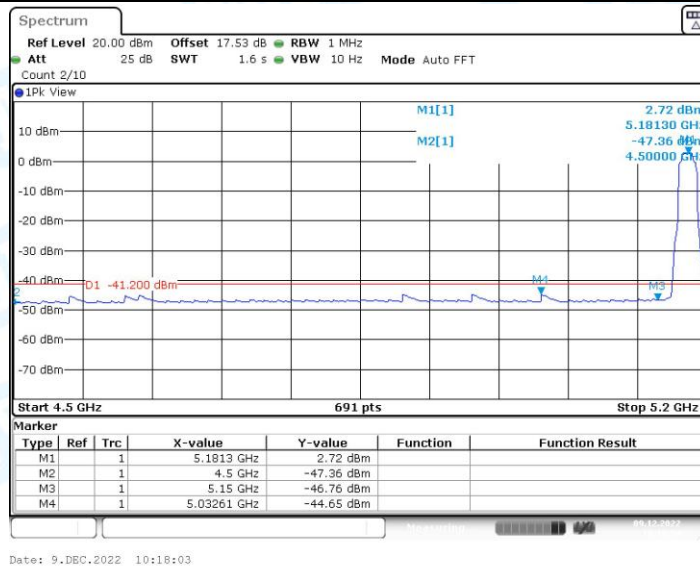
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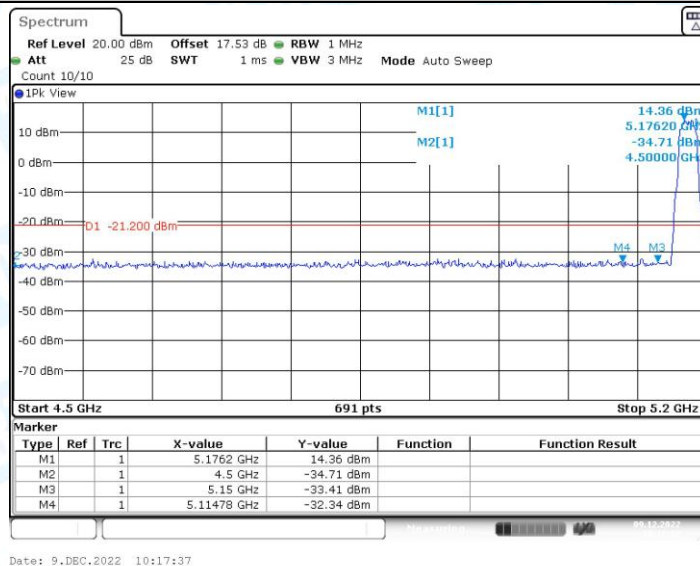
11N40MIMO_Ant2_High_5230_Peak



11AC20MIMO_Ant1_Low_5180_AV



11AC20MIMO_Ant1_Low_5180_Peak



11AC20MIMO_Ant2_Low_5180_AV