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<TX Beamforming mode> A3-2

Maximum power spectral density A3-2



<TX Beamforming mode>

Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11AC20MIMO	Ant1	5745	2	≤30.00	PASS
	Ant2	5745	2.11	≤30.00	PASS
	Ant3	5745	1.9	≤30.00	PASS
	Ant4	5745	2.21	≤30.00	PASS
	total	5745	8.08	≤28.77	PASS
11AC40MIMO	Ant1	5190	-2.23	≤17.00	PASS
	Ant2	5190	-2.07	≤17.00	PASS
	Ant3	5190	-2.25	≤17.00	PASS
	Ant4	5190	-2.27	≤17.00	PASS
	total	5190	3.82	≤15.77	PASS
11AC80MIMO	Ant1	5210	-5.84	≤17.00	PASS
	Ant2	5210	-5.02	≤17.00	PASS
	Ant3	5210	-5.39	≤17.00	PASS
	Ant4	5210	-5.77	≤17.00	PASS
	total	5210	0.53	≤15.77	PASS
11AC160MIMO	Ant1	5250_UNII-1	-9.16	≤17.00	PASS
	Ant2	5250_UNII-1	-9.2	≤17.00	PASS
	Ant3	5250_UNII-1	-9.11	≤17.00	PASS
	Ant4	5250_UNII-1	-8.65	≤17.00	PASS
	total	5250_UNII-1	-3.00	≤15.77	PASS
	Ant1	5250_UNII-2A	-8.71	≤11.00	PASS
	Ant2	5250_UNII-2A	-9.43	≤11.00	PASS
	Ant3	5250_UNII-2A	-9.15	≤11.00	PASS
	Ant4	5250_UNII-2A	-9.66	≤11.00	PASS
	total	5250_UNII-2A	-3.20	≤9.77	PASS
11BE20MIMO	Ant1	5745	2.8	≤30.00	PASS
	Ant2	5745	2.91	≤30.00	PASS
	Ant3	5745	2.87	≤30.00	PASS
	Ant4	5745	2.34	≤30.00	PASS
	total	5745	8.76	≤28.77	PASS
11BE40MIMO	Ant1	5190	-1.97	≤17.00	PASS
	Ant2	5190	-1.51	≤17.00	PASS
	Ant3	5190	-1.7	≤17.00	PASS
	Ant4	5190	-2.02	≤17.00	PASS



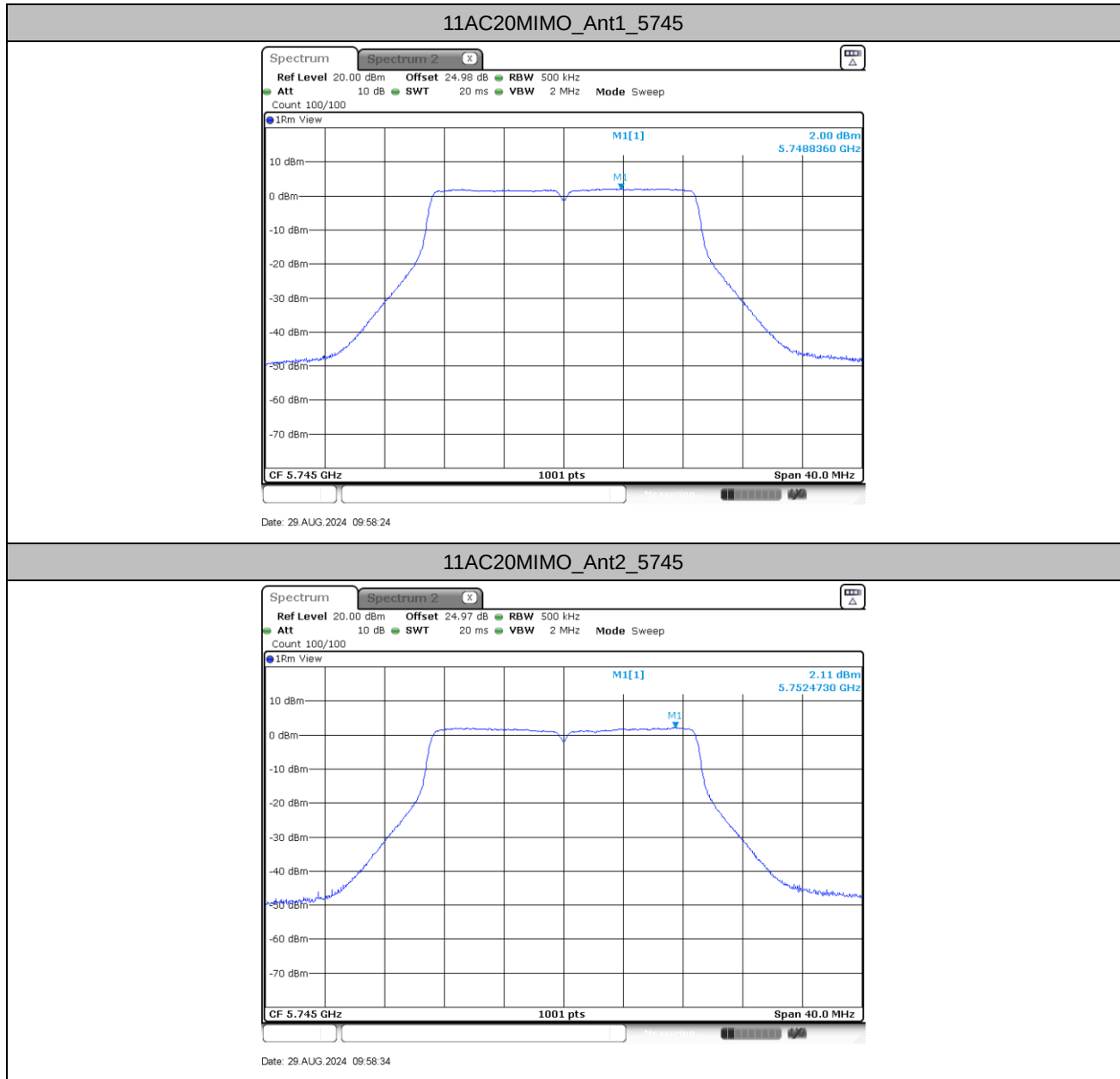
	total	5190	4.23	≤ 15.77	PASS
11BE80MIMO	Ant1	5210	-4.86	≤ 17.00	PASS
	Ant2	5210	-4.38	≤ 17.00	PASS
	Ant3	5210	-4.35	≤ 17.00	PASS
	Ant4	5210	-4.74	≤ 17.00	PASS
	total	5210	1.44	≤ 15.77	PASS
11BE160MIMO	Ant1	5250_UNII-1	-8.82	≤ 17.00	PASS
	Ant2	5250_UNII-1	-8.31	≤ 17.00	PASS
	Ant3	5250_UNII-1	-7.83	≤ 17.00	PASS
	Ant4	5250_UNII-1	-8.01	≤ 17.00	PASS
	total	5250_UNII-1	-2.21	≤ 15.77	PASS
	Ant1	5250_UNII-2A	-8.71	≤ 11.00	PASS
	Ant2	5250_UNII-2A	-8.51	≤ 11.00	PASS
	Ant3	5250_UNII-2A	-7.89	≤ 11.00	PASS
	Ant4	5250_UNII-2A	-8.28	≤ 11.00	PASS
	total	5250_UNII-2A	-2.32	≤ 9.77	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and is compensated in the graph.

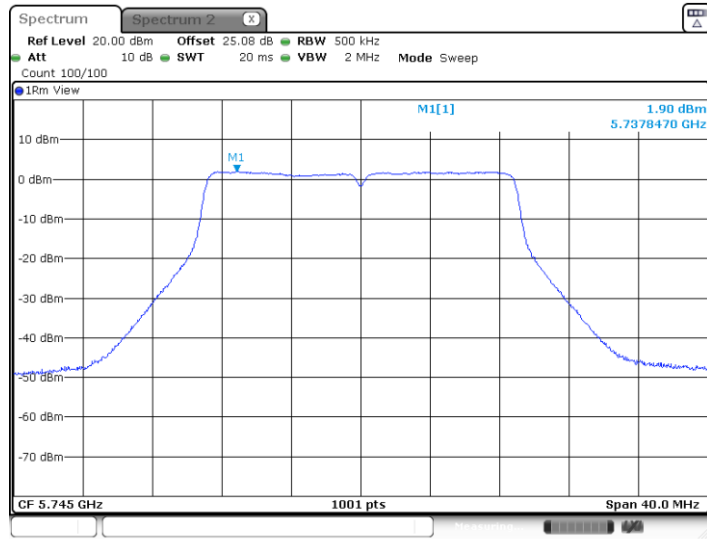


Test Graphs



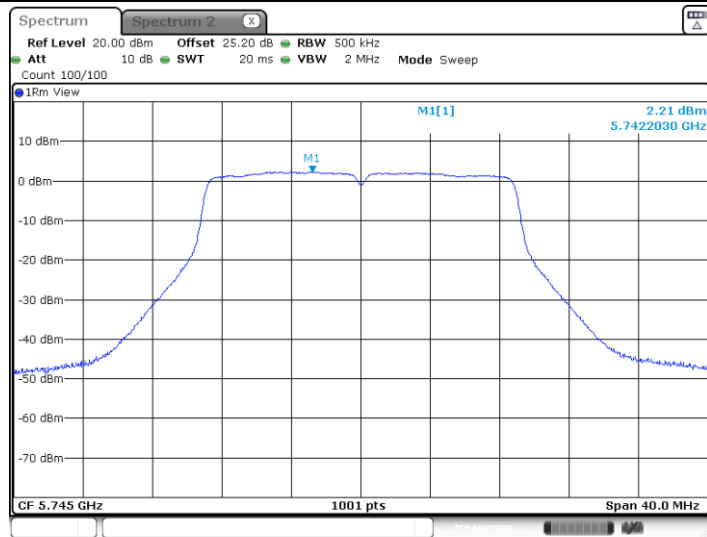


11AC20MIMO_Ant3_5745



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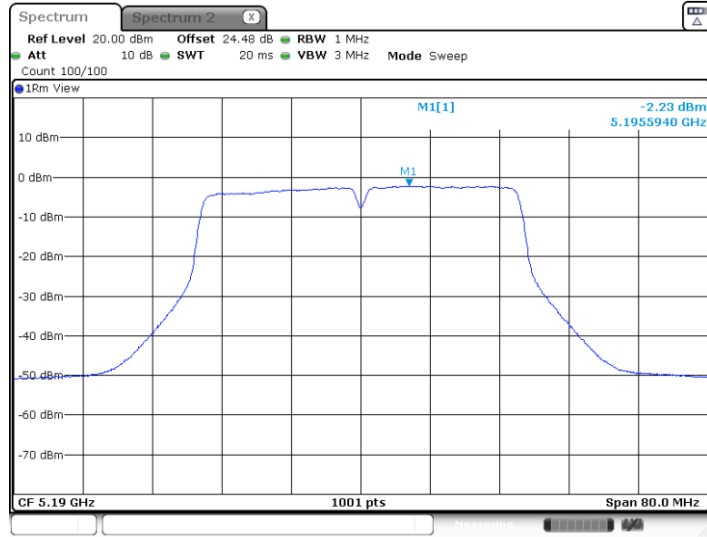
11AC20MIMO_Ant4_5745



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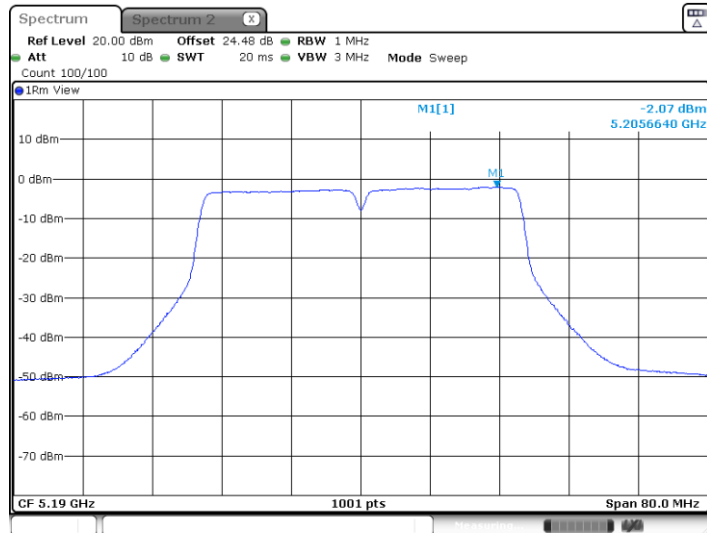


11AC40MIMO_Ant1_5190



Date: 29 AUG. 2024 09:46:01

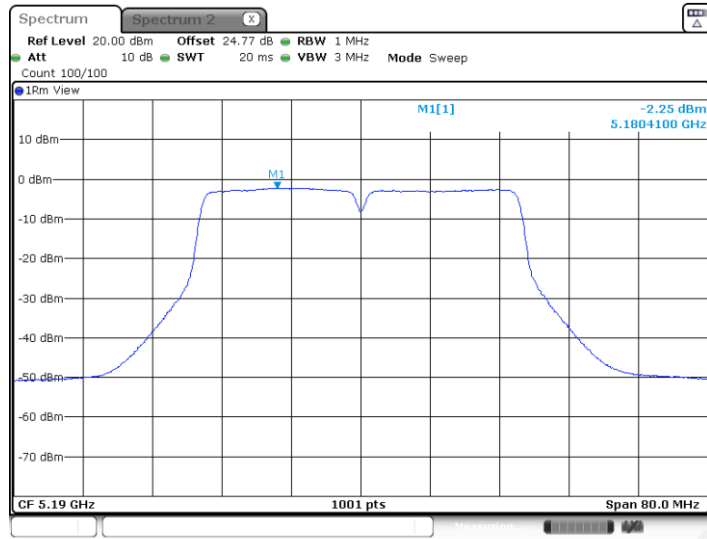
11AC40MIMO_Ant2_5190



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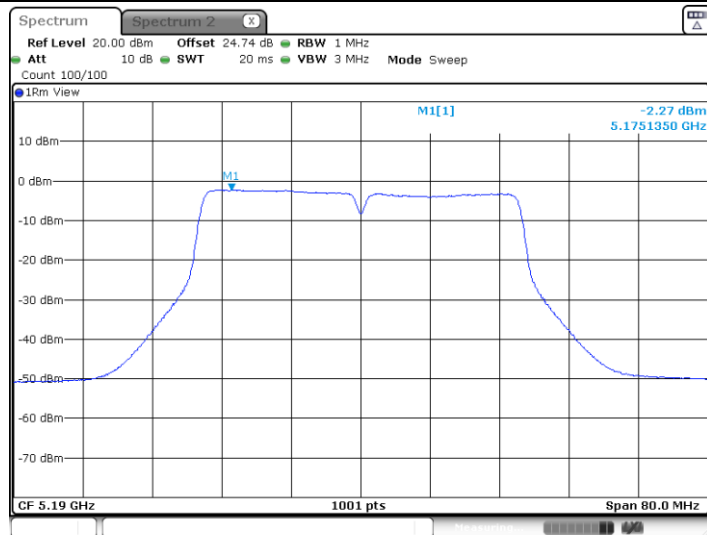


11AC40MIMO_Ant3_5190



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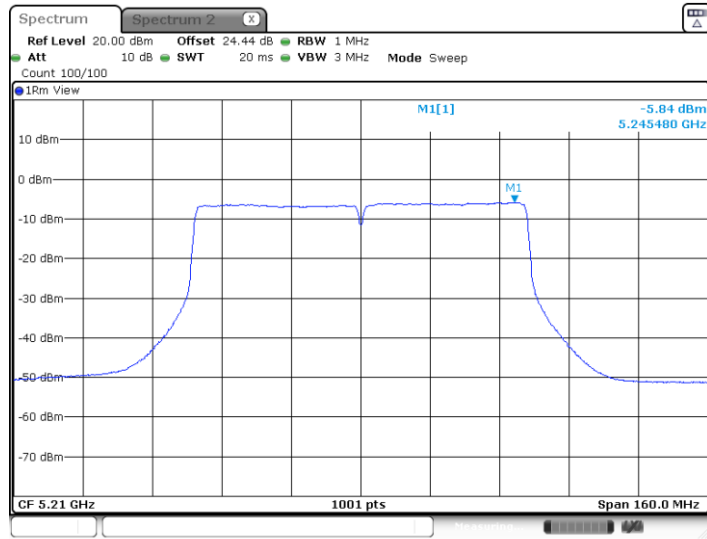
11AC40MIMO_Ant4_5190



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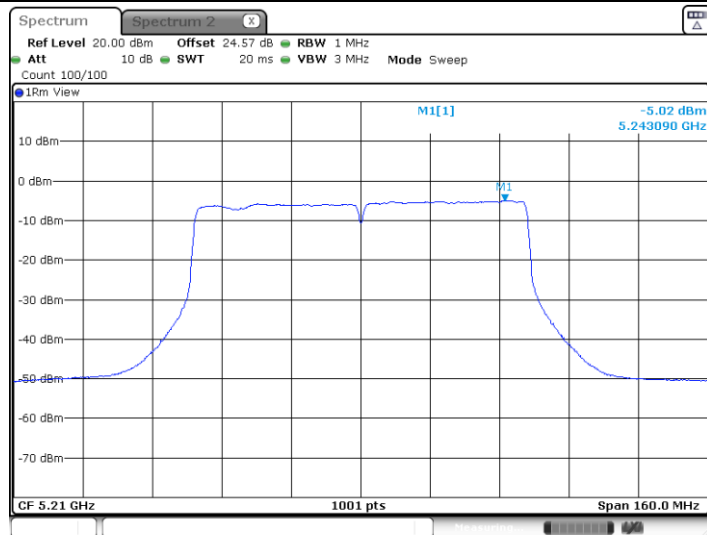


11AC80MIMO_Ant1_5210



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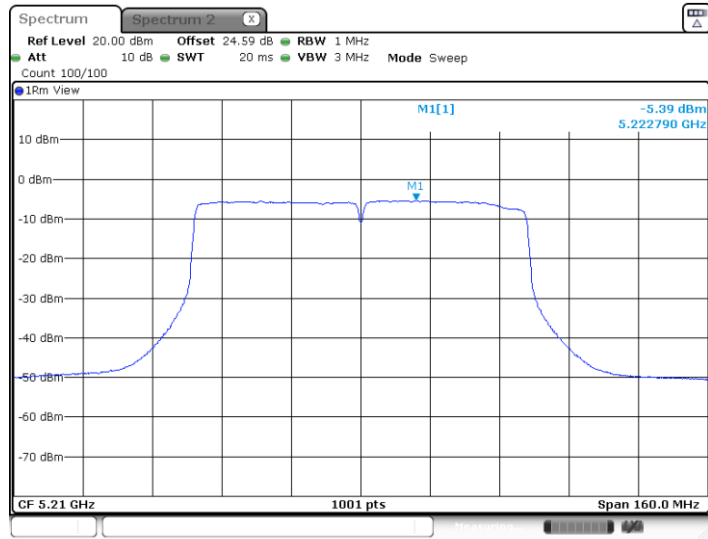
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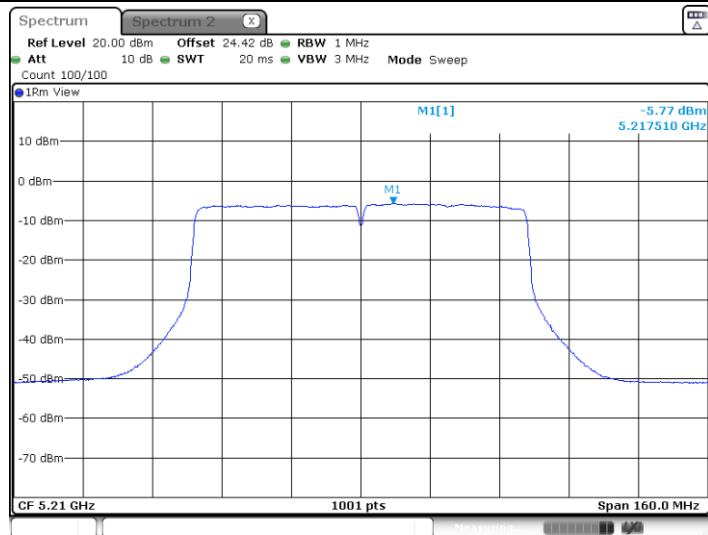


11AC80MIMO_Ant3_5210



Date: 29 AUG. 2024 10:16:46

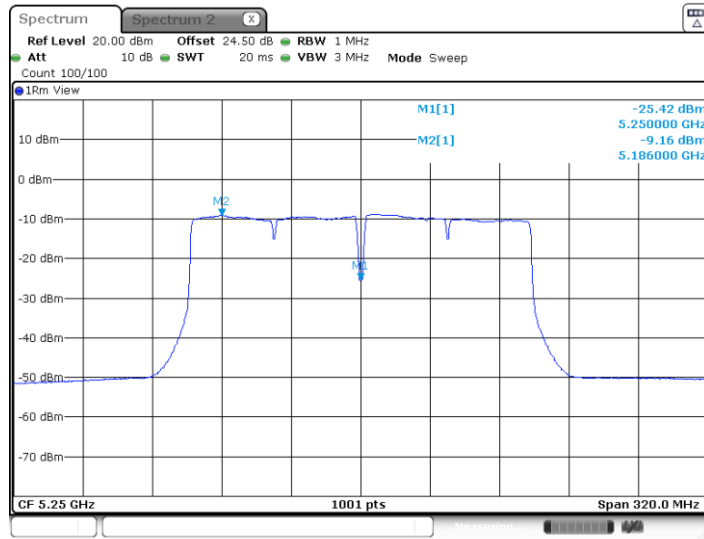
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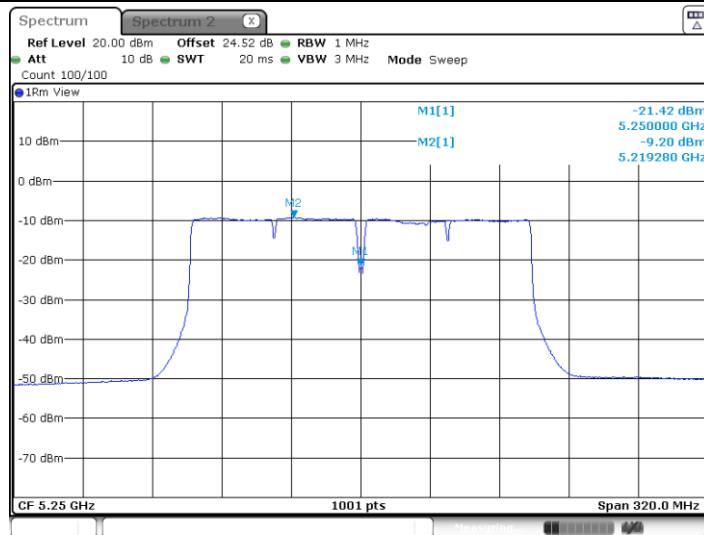


11AC160MIMO_Ant1_5250_UNII-1



Date: 29 AUG.2024 10:49:00

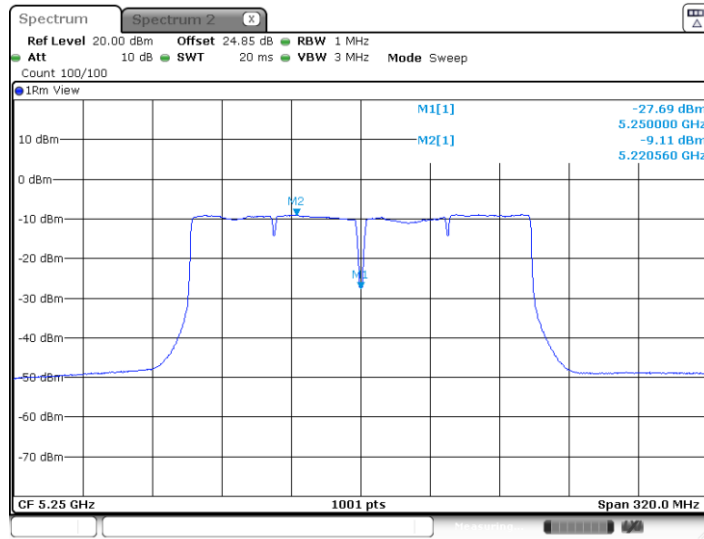
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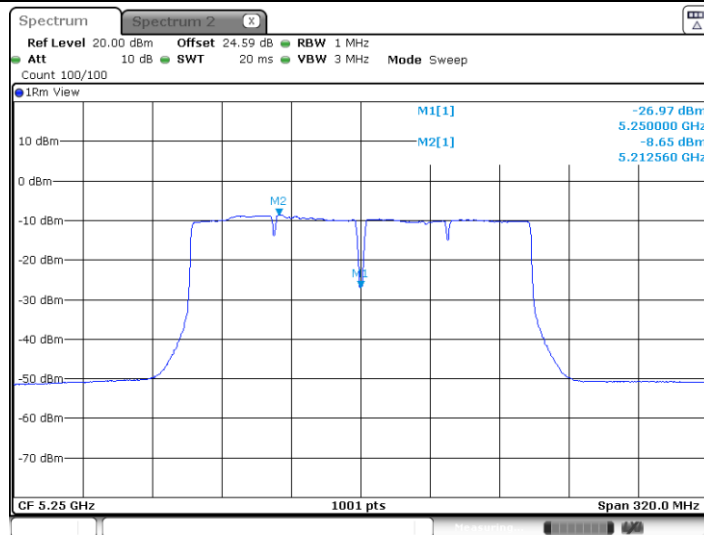


11AC160MIMO_Ant3_5250_UNII-1



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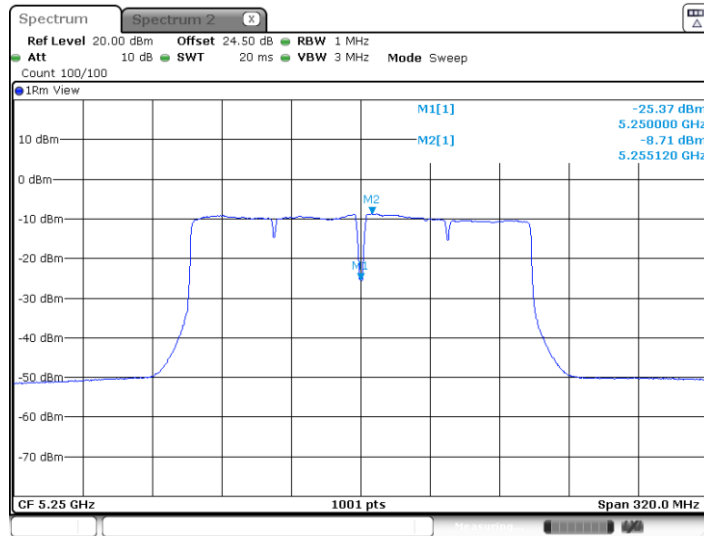
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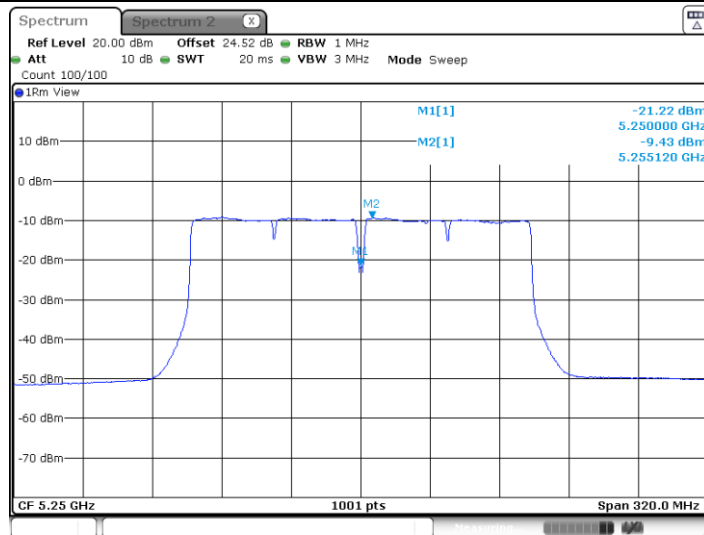


11AC160MIMO_Ant1_5250_UNII-2A



Date: 29 AUG 2024 10:49:10

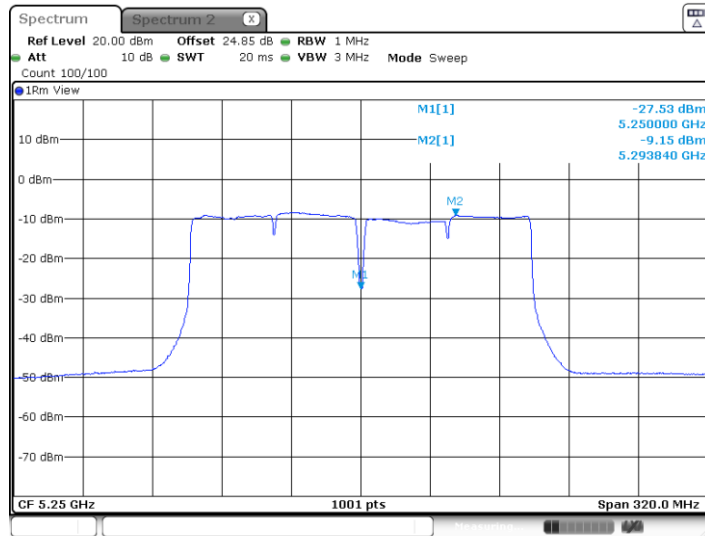
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Date: 29 AUG 2024 10:49:32

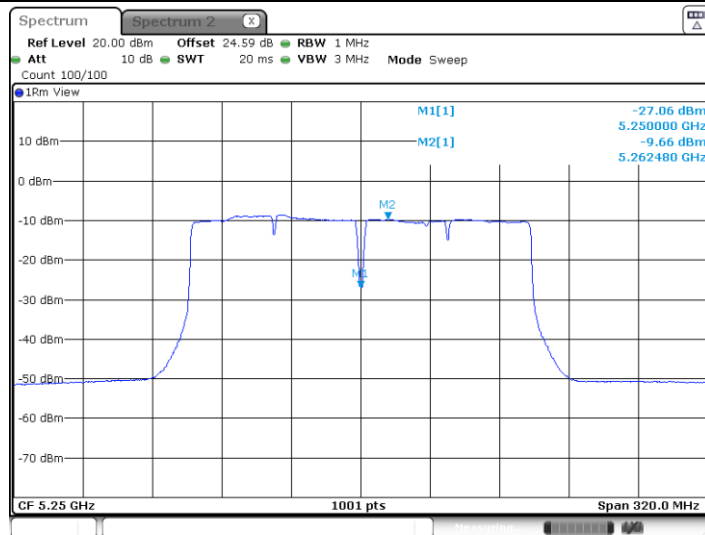


11AC160MIMO_Ant3_5250_UNII-2A



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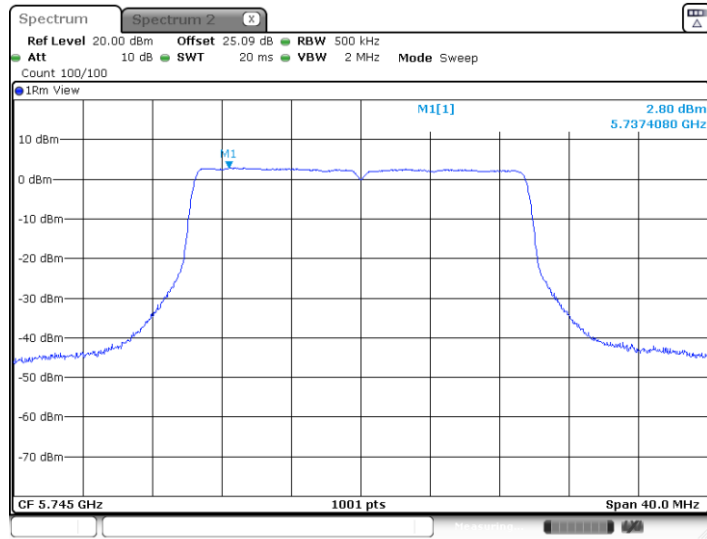
11AC160MIMO_Ant4_5250_UNII-2A



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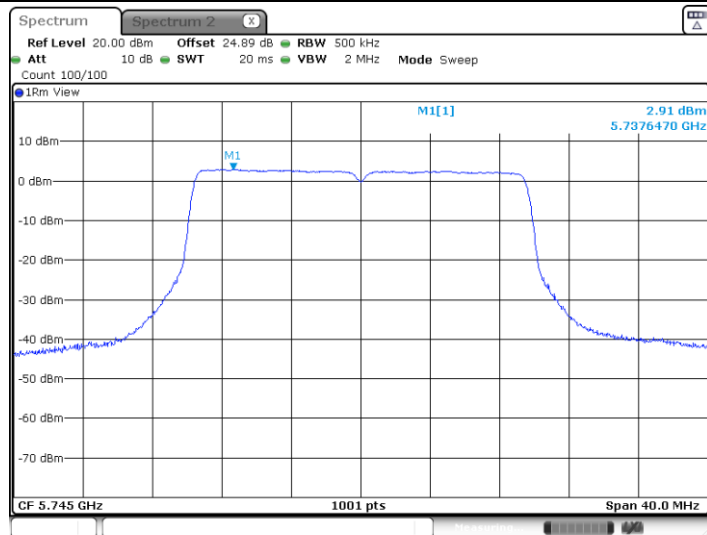


11BE20MIMO_Ant1_5745



Date: 29 AUG. 2024 09:55:34

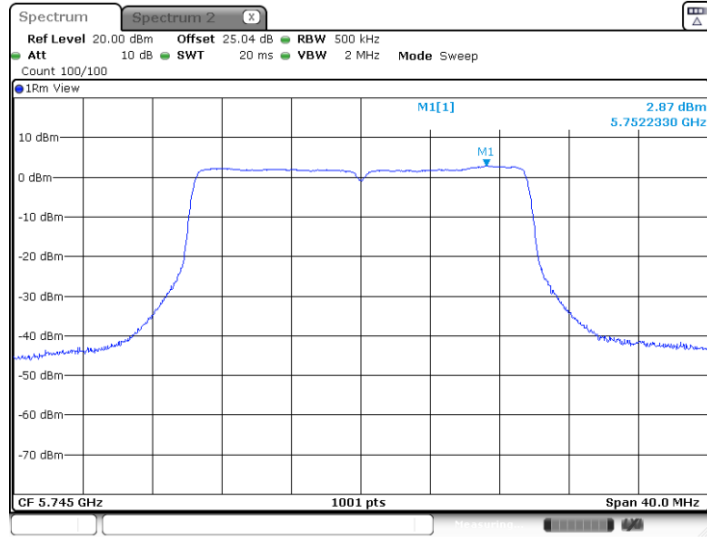
11BE20MIMO_Ant2_5745



Date: 29 AUG. 2024 09:56:24

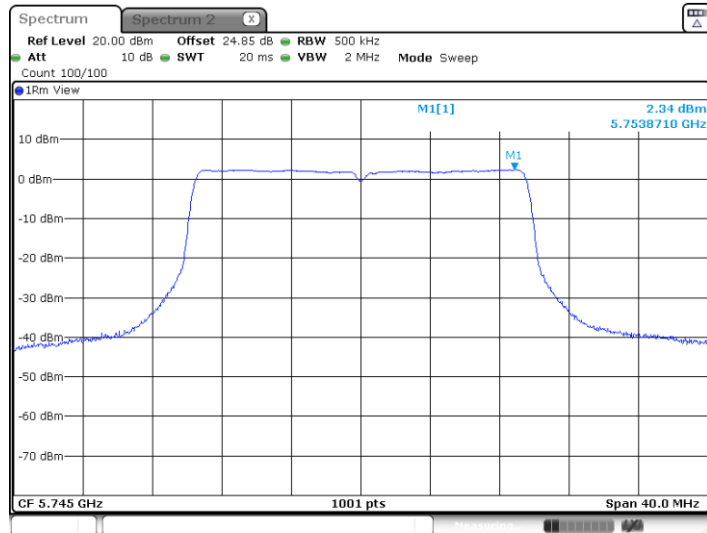


11BE20MIMO_Ant3_5745



Date: 29 AUG.2024 09:56:55

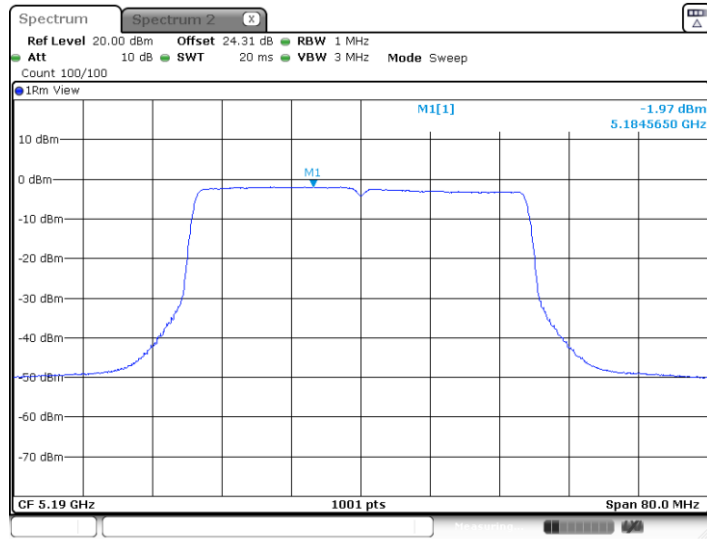
11BE20MIMO_Ant4_5745



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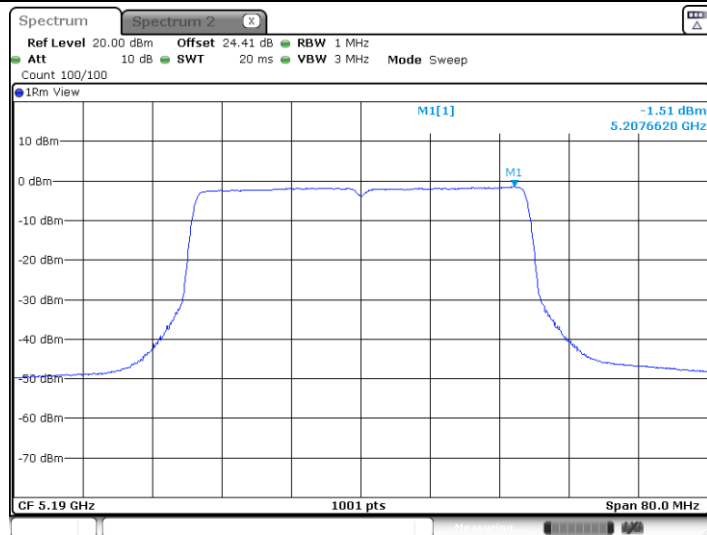


11BE40MIMO_Ant1_5190



Date: 29 AUG. 2024 09:35:51

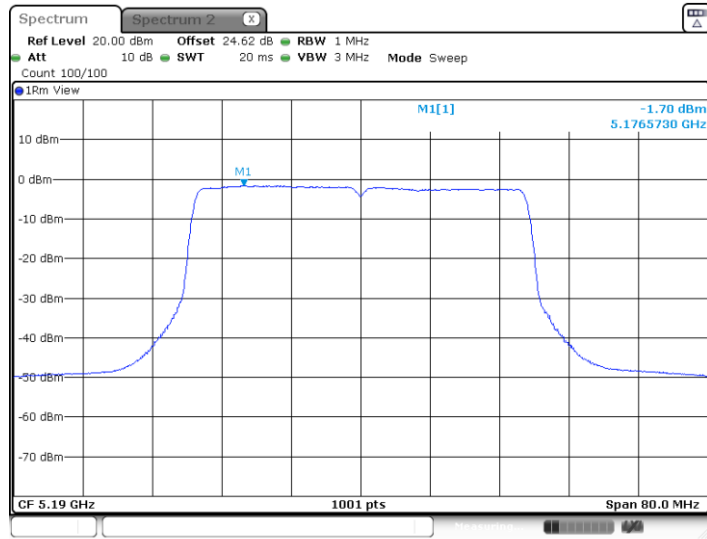
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Date: 29 AUG. 2024 09:37:22

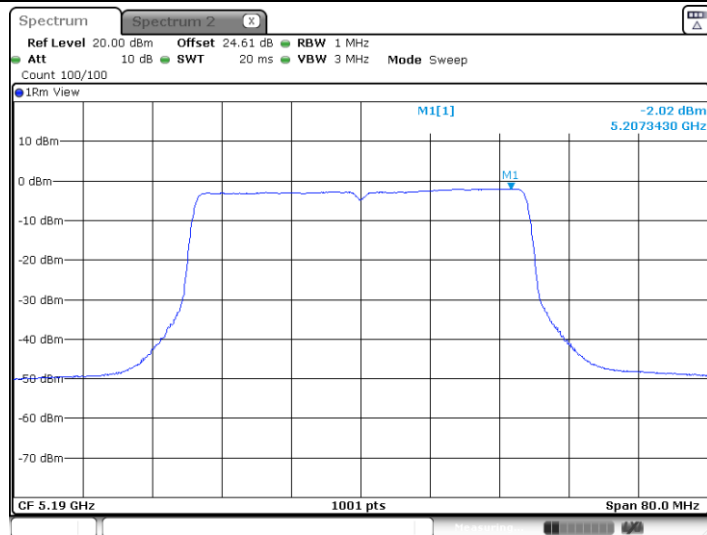


11BE40MIMO_Ant3_5190



Date: 29 AUG. 2024 09:37:36

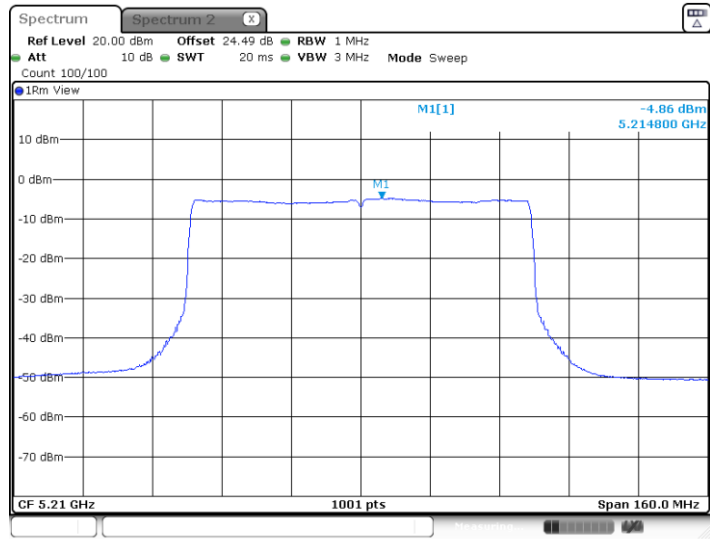
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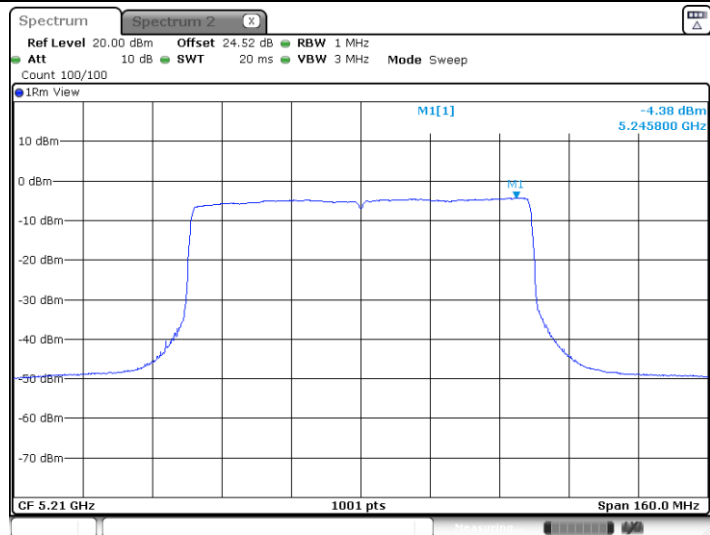


11BE80MIMO_Ant1_5210



Date: 29 AUG. 2024 10:06:40

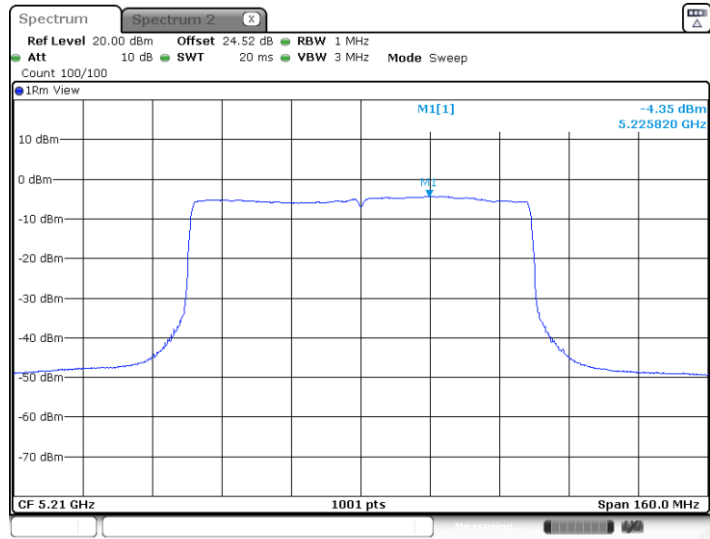
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Date: 29 AUG. 2024 10:06:58

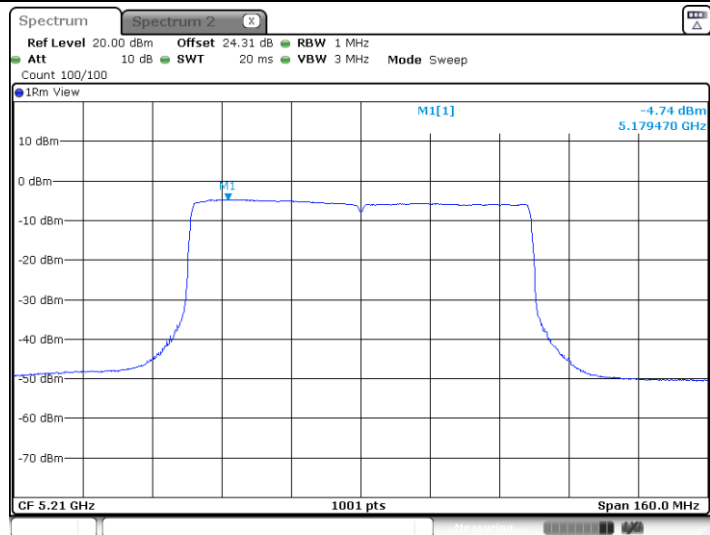


11BE80MIMO_Ant3_5210



Date: 29 AUG. 2024 10:11:30

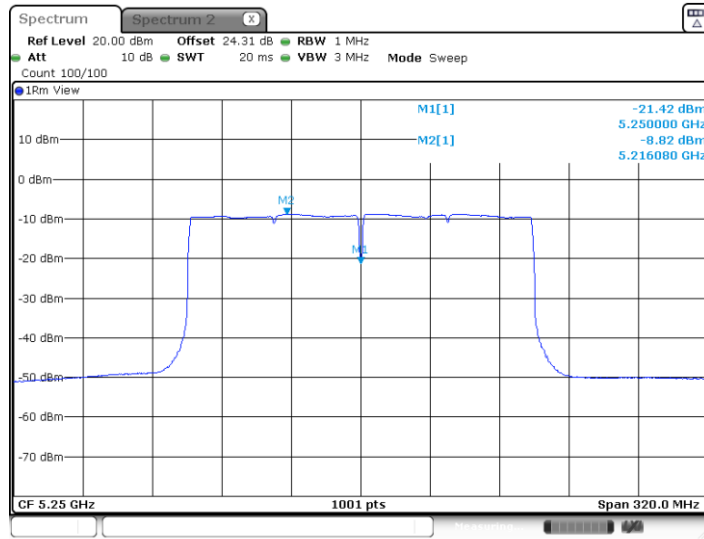
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Date: 29 AUG. 2024 10:11:50

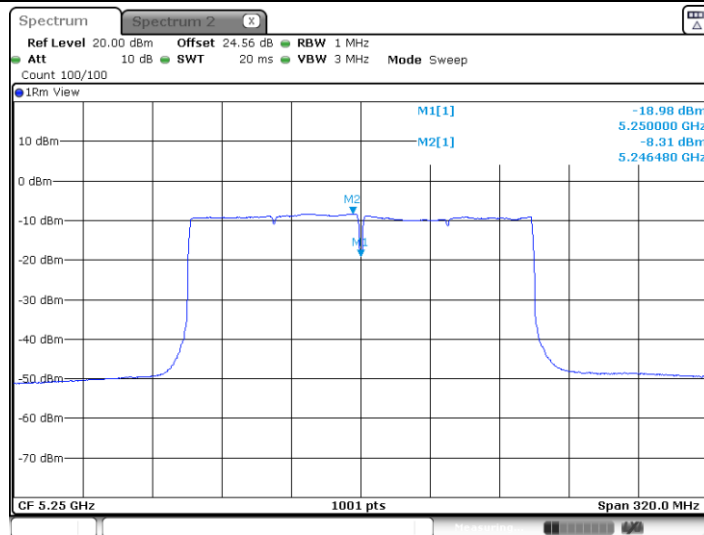


11BE160MIMO_Ant1_5250_UNII-1



Date: 29 AUG. 2024 10:26:39

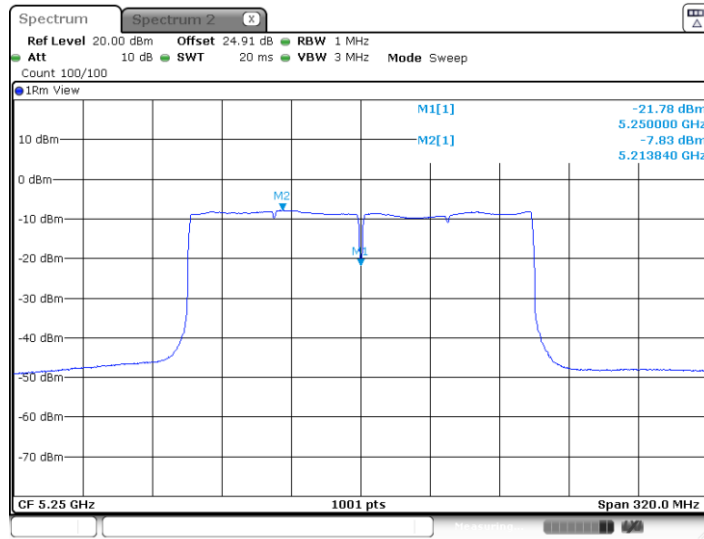
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Date: 29 AUG. 2024 10:28:11

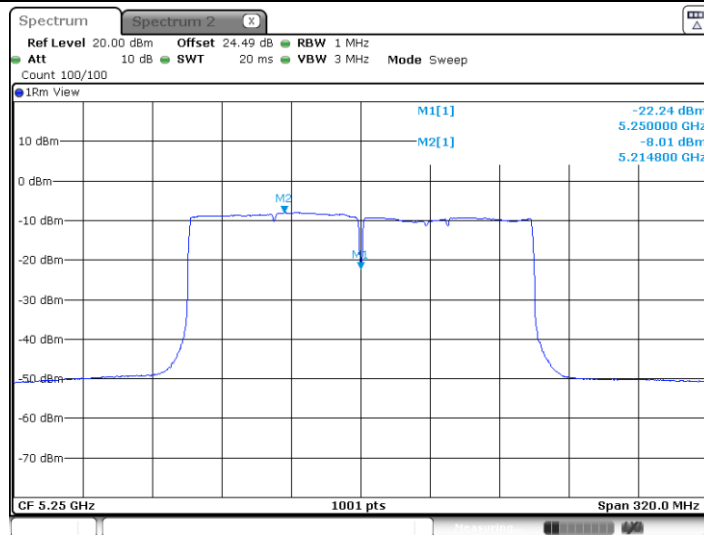


11BE160MIMO_Ant3_5250_UNII-1



Date: 29 AUG. 2024 10:45:51

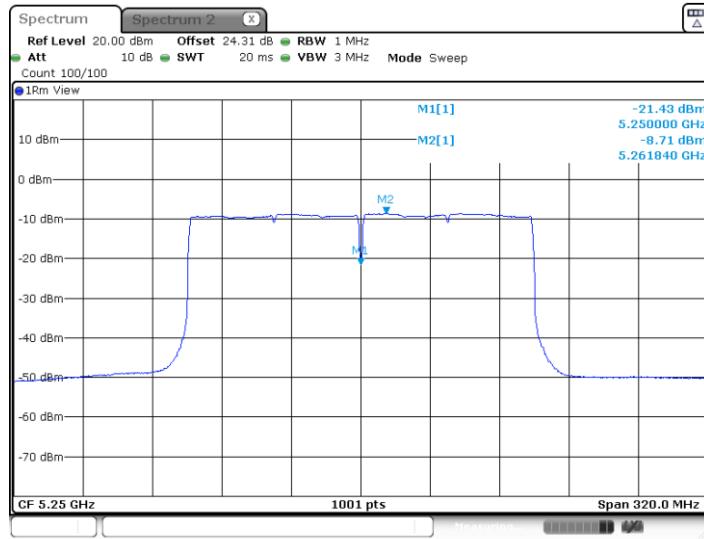
11BE160MIMO_Ant4_5250_UNII-1



Date: 29 AUG. 2024 10:46:17

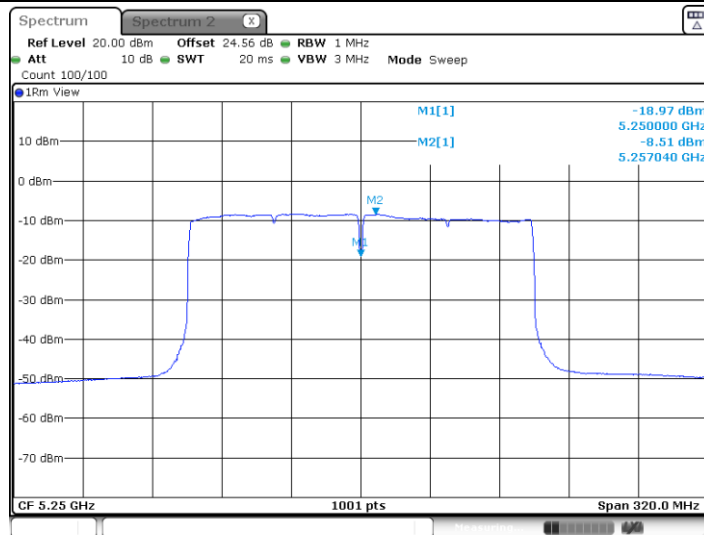


11BE160MIMO_Ant1_5250_UNII-2A



Date: 29 AUG. 2024 10:26:48

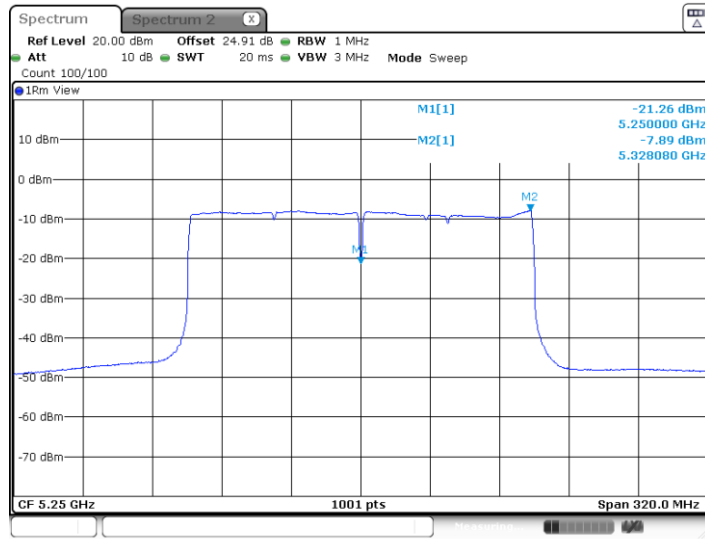
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Date: 29 AUG. 2024 10:29:07

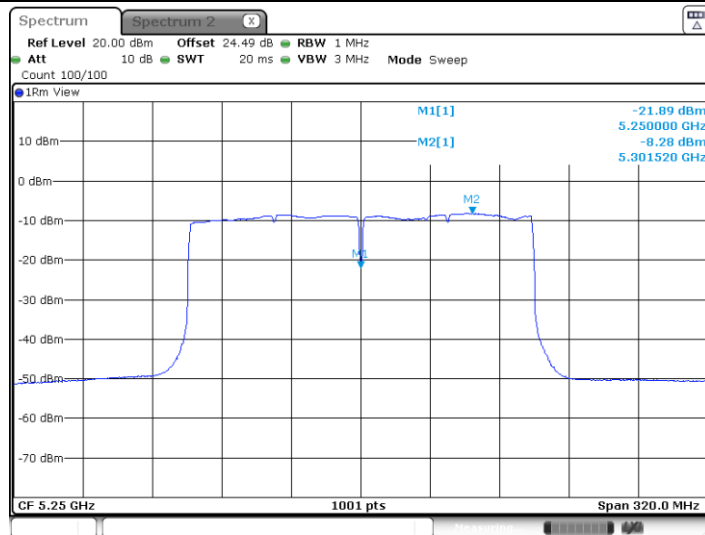


11BE160MIMO_Ant3_5250_UNII-2A



Date: 29 AUG. 2024 10:46:00

11BE160MIMO_Ant4_5250_UNII-2A



Date: 29 AUG. 2024 10:46:42