

# RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
<b>Product Name:</b>	AC1600 DOCSIS3.0 24x8 EMTA, AC1600 WiFi Cable Modem Router, EMTA, Cable Modem
<b>Test Model:</b>	NE1611B
<b>Sample ID:</b>	20211124-01-1#
Environmental Conditions	
<b>Temperature:</b>	22.8°C
<b>Relative Humidity:</b>	46%
<b>Test Voltage:</b>	DC 12V
<b>Test Engineer:</b>	Huangjianpin
Note: For a more detailed features description, please refer to the report TB-FCC186357. The report only show the worst case data.	

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# 1. Emission Bandwidth

## 1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.12	5169.44	5190.56	---	PASS
	Ant2	5180	20.88	5169.56	5190.44	---	PASS
	Ant3	5180	20.60	5169.76	5190.36	---	PASS
	Ant1	5220	21.52	5209.08	5230.60	---	PASS
	Ant2	5220	21.92	5208.76	5230.68	---	PASS
	Ant3	5220	21.12	5209.00	5230.12	---	PASS
	Ant1	5240	21.24	5229.16	5250.40	---	PASS
	Ant2	5240	21.28	5229.28	5250.56	---	PASS
	Ant3	5240	21.56	5228.88	5250.44	---	PASS
	Ant1	5260	21.68	5248.68	5270.36	---	PASS
	Ant2	5260	21.48	5248.84	5270.32	---	PASS
	Ant3	5260	21.32	5249.28	5270.60	---	PASS
	Ant1	5300	21.52	5288.76	5310.28	---	PASS
	Ant2	5300	21.16	5289.20	5310.36	---	PASS
	Ant3	5300	20.20	5289.84	5310.04	---	PASS
	Ant1	5320	21.60	5308.84	5330.44	---	PASS
	Ant2	5320	21.48	5309.56	5331.04	---	PASS
	Ant3	5320	21.56	5309.48	5331.04	---	PASS
	Ant1	5500	20.00	5490.04	5510.04	---	PASS
	Ant2	5500	21.84	5488.92	5510.76	---	PASS
	Ant3	5500	22.68	5488.88	5511.56	---	PASS
	Ant1	5580	21.44	5569.28	5590.72	---	PASS
	Ant2	5580	25.88	5567.08	5592.96	---	PASS
	Ant3	5580	27.32	5565.56	5592.88	---	PASS
Ant1	5700	21.84	5688.96	5710.80	---	PASS	
Ant2	5700	21.00	5689.40	5710.40	---	PASS	
Ant3	5700	20.88	5689.48	5710.36	---	PASS	
11N20MIMO	Ant1	5180	22.44	5168.44	5190.88	---	PASS
	Ant2	5180	22.32	5168.64	5190.96	---	PASS
	Ant3	5180	21.72	5168.88	5190.60	---	PASS
	Ant1	5220	22.12	5208.76	5230.88	---	PASS
	Ant2	5220	22.96	5208.00	5230.96	---	PASS
	Ant3	5220	22.00	5208.72	5230.72	---	PASS
	Ant1	5240	23.12	5228.28	5251.40	---	PASS
	Ant2	5240	22.12	5228.76	5250.88	---	PASS
	Ant3	5240	21.68	5229.08	5250.76	---	PASS
	Ant1	5260	22.64	5248.28	5270.92	---	PASS
	Ant2	5260	22.04	5249.00	5271.04	---	PASS
	Ant3	5260	22.60	5248.44	5271.04	---	PASS
	Ant1	5300	22.36	5288.72	5311.08	---	PASS
	Ant2	5300	22.08	5289.00	5311.08	---	PASS



	Ant3	5300	22.24	5288.68	5310.92	---	PASS
	Ant1	5320	22.60	5308.44	5331.04	---	PASS
	Ant2	5320	22.76	5308.56	5331.32	---	PASS
	Ant3	5320	21.56	5309.32	5330.88	---	PASS
	Ant1	5500	22.68	5488.40	5511.08	---	PASS
	Ant2	5500	22.92	5488.40	5511.32	---	PASS
	Ant3	5500	21.80	5489.00	5510.80	---	PASS
	Ant1	5580	26.44	5566.24	5592.68	---	PASS
	Ant2	5580	22.32	5568.64	5590.96	---	PASS
	Ant3	5580	21.92	5569.00	5590.92	---	PASS
	Ant1	5700	23.64	5688.04	5711.68	---	PASS
	Ant2	5700	22.44	5688.64	5711.08	---	PASS
Ant3	5700	22.16	5688.48	5710.64	---	PASS	
11N40MIMO	Ant1	5190	45.92	5167.36	5213.28	---	PASS
	Ant2	5190	44.72	5166.88	5211.60	---	PASS
	Ant3	5190	45.28	5167.52	5212.80	---	PASS
	Ant1	5230	44.00	5207.76	5251.76	---	PASS
	Ant2	5230	46.16	5206.16	5252.32	---	PASS
	Ant3	5230	44.40	5206.96	5251.36	---	PASS
	Ant1	5270	44.56	5248.32	5292.88	---	PASS
	Ant2	5270	45.04	5247.44	5292.48	---	PASS
	Ant3	5270	44.40	5247.28	5291.68	---	PASS
	Ant1	5310	44.24	5288.96	5333.20	---	PASS
	Ant2	5310	45.28	5287.12	5332.40	---	PASS
	Ant3	5310	44.64	5287.44	5332.08	---	PASS
	Ant1	5510	45.44	5487.44	5532.88	---	PASS
	Ant2	5510	45.76	5486.56	5532.32	---	PASS
	Ant3	5510	45.12	5486.96	5532.08	---	PASS
	Ant1	5550	45.20	5527.12	5572.32	---	PASS
	Ant2	5550	44.88	5526.88	5571.76	---	PASS
	Ant3	5550	44.80	5527.52	5572.32	---	PASS
	Ant1	5670	79.76	5630.24	5710.00	---	PASS
	Ant2	5670	80.00	5630.00	5710.00	---	PASS
Ant3	5670	45.44	5647.36	5692.80	---	PASS	
11AC20MIMO	Ant1	5180	21.80	5169.04	5190.84	---	PASS
	Ant2	5180	21.88	5168.88	5190.76	---	PASS
	Ant3	5180	21.60	5169.08	5190.68	---	PASS
	Ant1	5220	21.88	5208.96	5230.84	---	PASS
	Ant2	5220	22.12	5208.32	5230.44	---	PASS
	Ant3	5220	21.56	5209.24	5230.80	---	PASS
	Ant1	5240	22.24	5228.76	5251.00	---	PASS
	Ant2	5240	21.76	5229.12	5250.88	---	PASS
	Ant3	5240	21.68	5229.08	5250.76	---	PASS
	Ant1	5260	22.40	5248.96	5271.36	---	PASS
	Ant2	5260	22.92	5248.80	5271.72	---	PASS
	Ant3	5260	22.96	5248.24	5271.20	---	PASS

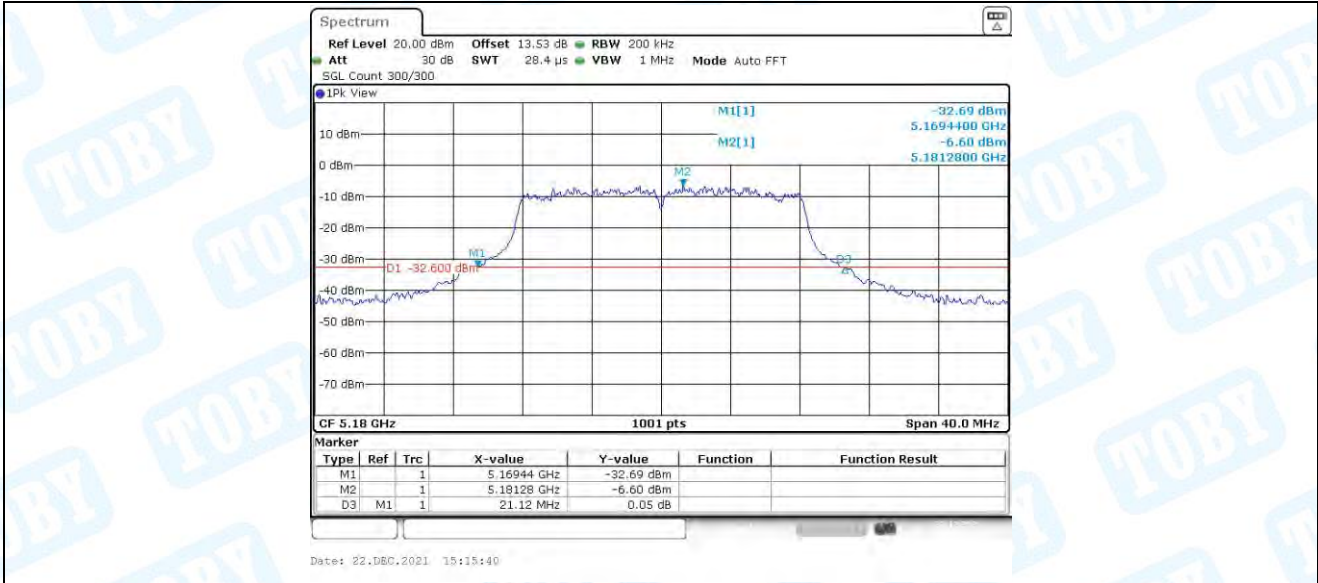


	Ant1	5300	23.60	5288.16	5311.76	---	PASS
	Ant2	5300	22.56	5288.84	5311.40	---	PASS
	Ant3	5300	21.04	5289.52	5310.56	---	PASS
	Ant1	5320	22.60	5308.68	5331.28	---	PASS
	Ant2	5320	21.92	5309.16	5331.08	---	PASS
	Ant3	5320	21.12	5309.56	5330.68	---	PASS
	Ant1	5500	22.64	5488.36	5511.00	---	PASS
	Ant2	5500	22.44	5488.72	5511.16	---	PASS
	Ant3	5500	21.68	5489.28	5510.96	---	PASS
	Ant1	5580	22.80	5568.84	5591.64	---	PASS
	Ant2	5580	22.28	5569.08	5591.36	---	PASS
	Ant3	5580	22.72	5568.48	5591.20	---	PASS
	Ant1	5700	22.92	5688.88	5711.80	---	PASS
	Ant2	5700	22.92	5688.44	5711.36	---	PASS
	Ant3	5700	22.16	5688.84	5711.00	---	PASS
11AC40MIMO	Ant1	5190	43.36	5168.64	5212.00	---	PASS
	Ant2	5190	44.32	5167.44	5211.76	---	PASS
	Ant3	5190	42.80	5168.72	5211.52	---	PASS
	Ant1	5230	42.00	5208.96	5250.96	---	PASS
	Ant2	5230	45.44	5206.40	5251.84	---	PASS
	Ant3	5230	41.76	5209.28	5251.04	---	PASS
	Ant1	5270	44.32	5246.96	5291.28	---	PASS
	Ant2	5270	44.16	5247.84	5292.00	---	PASS
	Ant3	5270	42.96	5248.64	5291.60	---	PASS
	Ant1	5310	44.40	5287.36	5331.76	---	PASS
	Ant2	5310	43.60	5288.24	5331.84	---	PASS
	Ant3	5310	44.32	5288.24	5332.56	---	PASS
	Ant1	5510	43.76	5488.40	5532.16	---	PASS
	Ant2	5510	43.04	5488.48	5531.52	---	PASS
	Ant3	5510	42.88	5488.88	5531.76	---	PASS
	Ant1	5550	44.24	5527.84	5572.08	---	PASS
	Ant2	5550	44.64	5527.92	5572.56	---	PASS
	Ant3	5550	42.48	5528.24	5570.72	---	PASS
	Ant1	5670	43.84	5648.24	5692.08	---	PASS
	Ant2	5670	44.48	5647.92	5692.40	---	PASS
	Ant3	5670	42.56	5649.36	5691.92	---	PASS
11AC80MIMO	Ant1	5210	84.16	5168.08	5252.24	---	PASS
	Ant2	5210	83.84	5167.76	5251.60	---	PASS
	Ant3	5210	86.08	5166.80	5252.88	---	PASS
	Ant1	5290	84.96	5246.64	5331.60	---	PASS
	Ant2	5290	83.52	5248.08	5331.60	---	PASS
	Ant3	5290	87.52	5245.68	5333.20	---	PASS
	Ant1	5530	86.88	5486.80	5573.68	---	PASS
	Ant2	5530	85.60	5486.32	5571.92	---	PASS
	Ant3	5530	86.88	5486.32	5573.20	---	PASS
	Ant1	5610	80.80	5569.20	5650.00	---	PASS

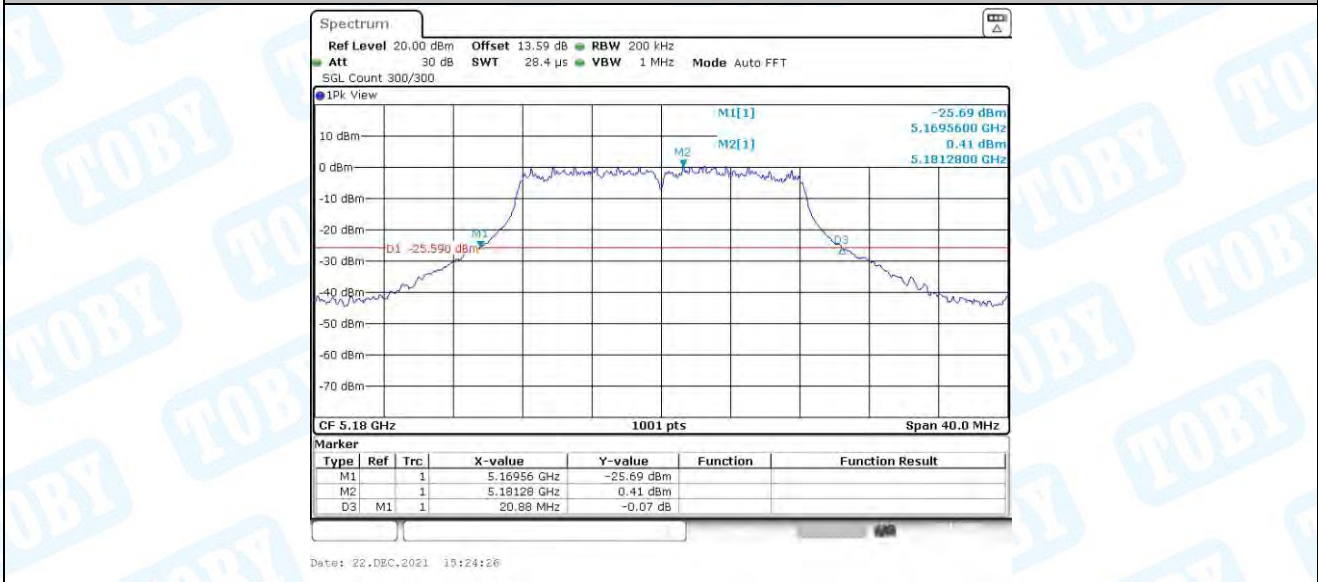


Ant2	5610	84.48	5567.60	5652.08	---	PASS
Ant3	5610	85.60	5566.96	5652.56	---	PASS

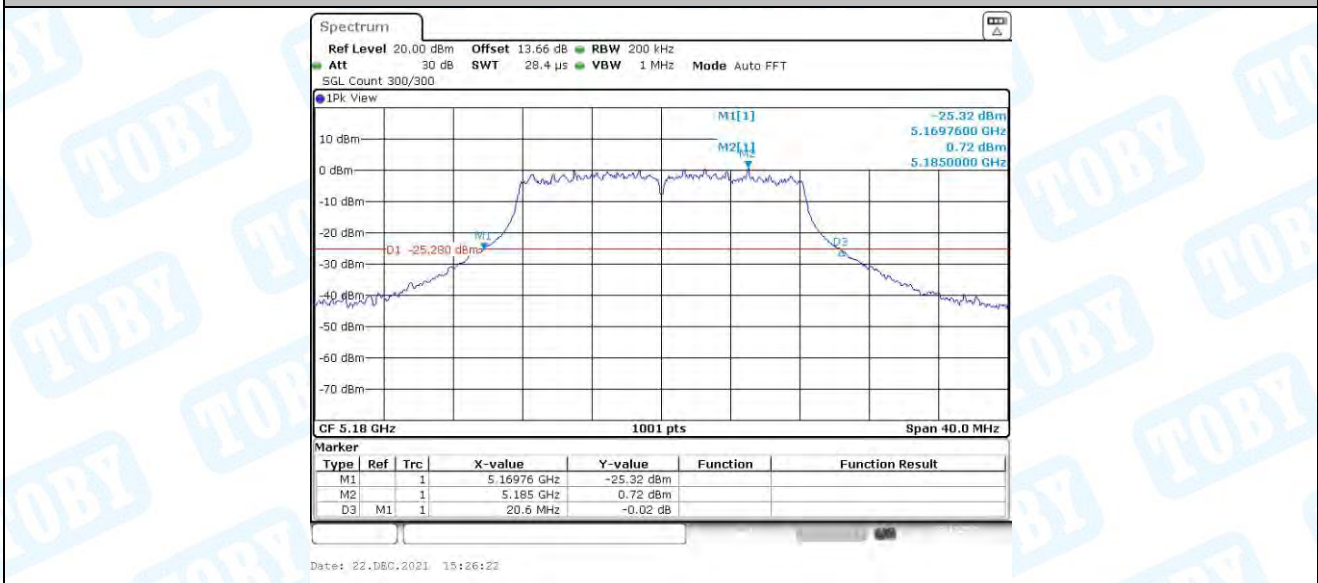
## 1.2. Test Graphs



11A\_Ant1\_5180



11A\_Ant2\_5180

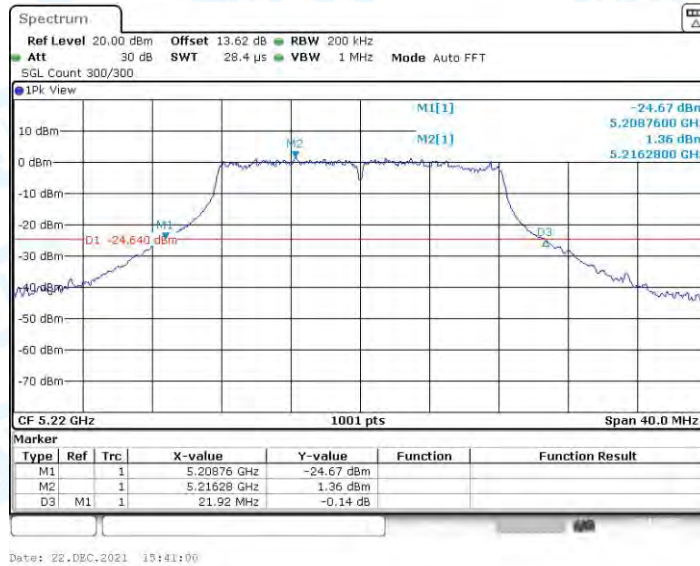


11A\_Ant3\_5180

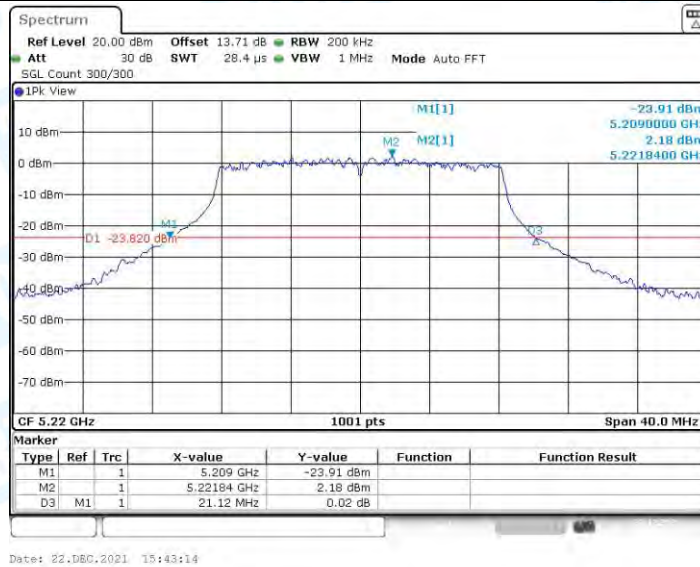




11A\_Ant1\_5220

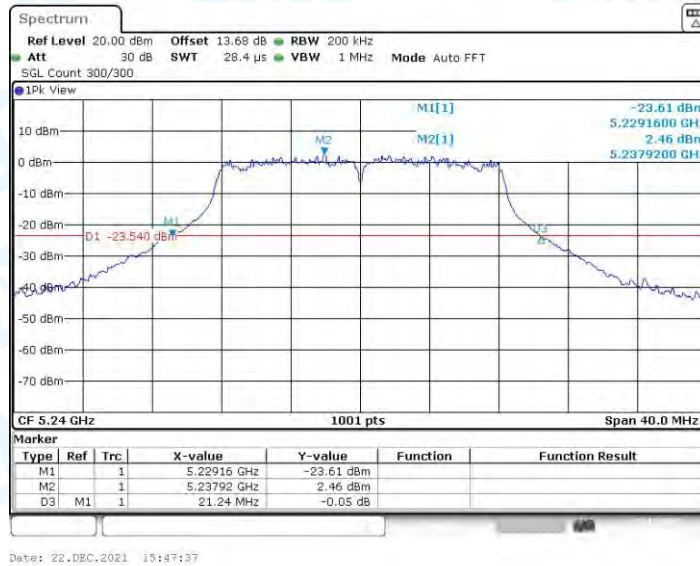


11A\_Ant2\_5220



11A\_Ant3\_5220

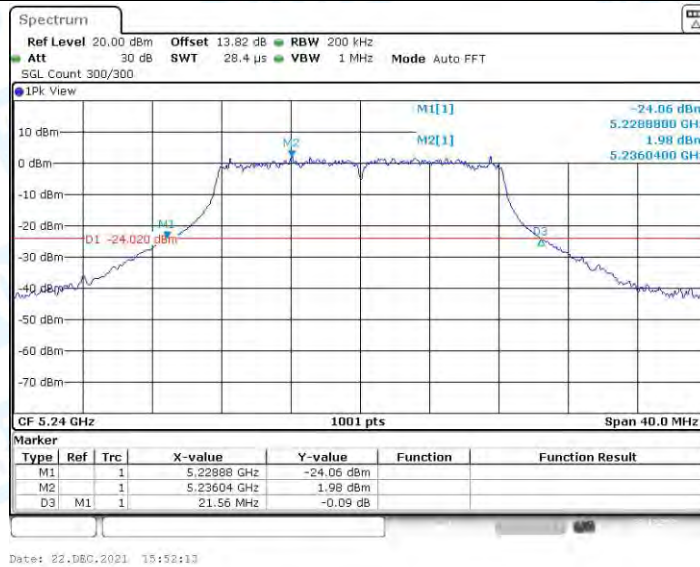




11A\_Ant1\_5240



11A\_Ant2\_5240



11A\_Ant3\_5240

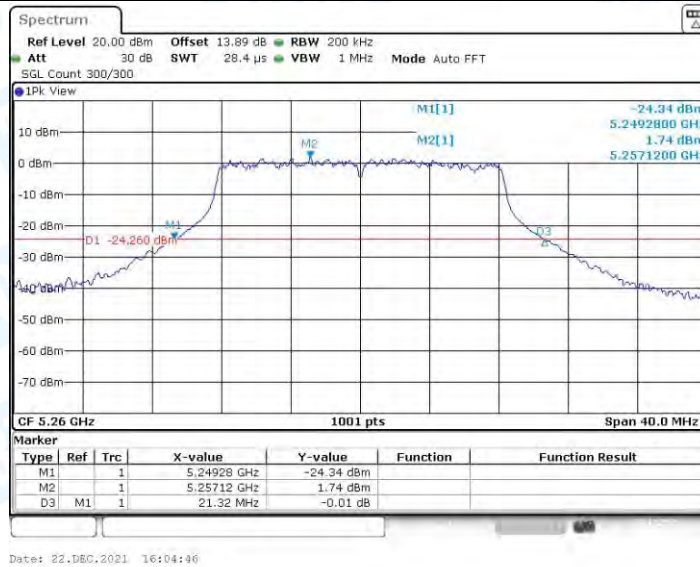




11A\_Ant1\_5260

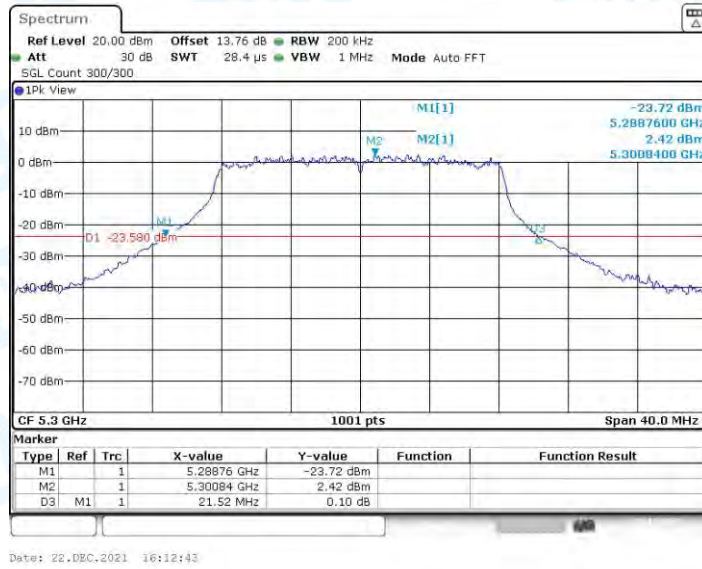


11A\_Ant2\_5260

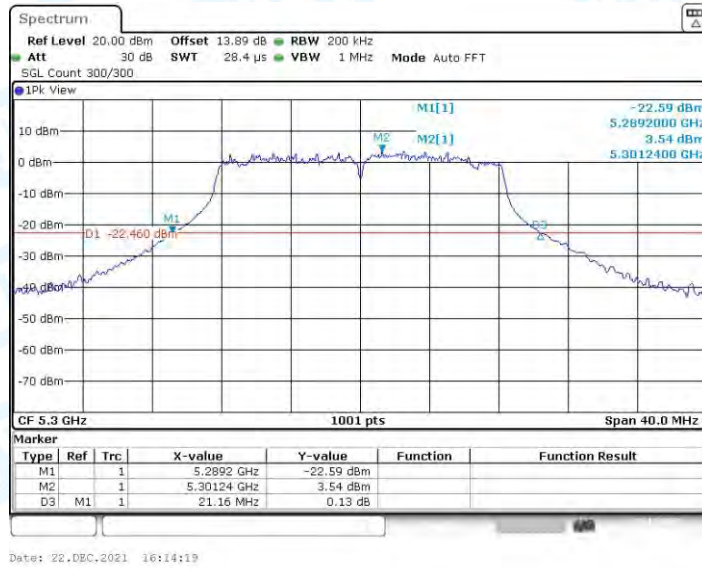


11A\_Ant3\_5260

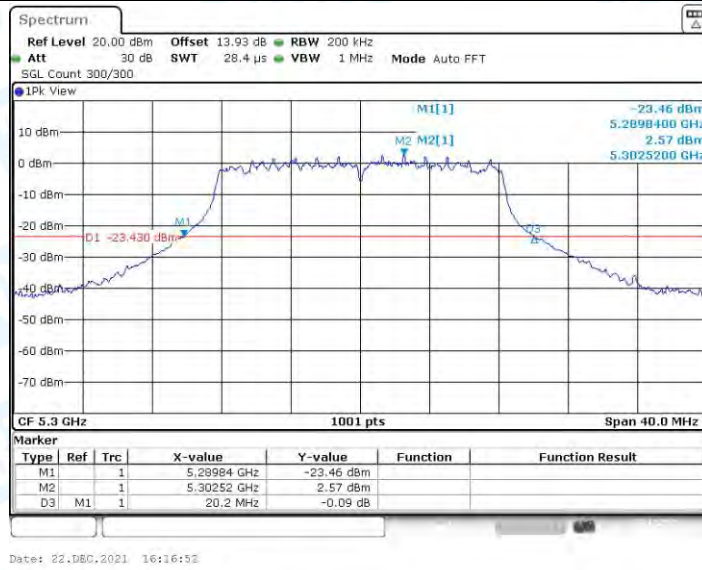




11A\_Ant1\_5300

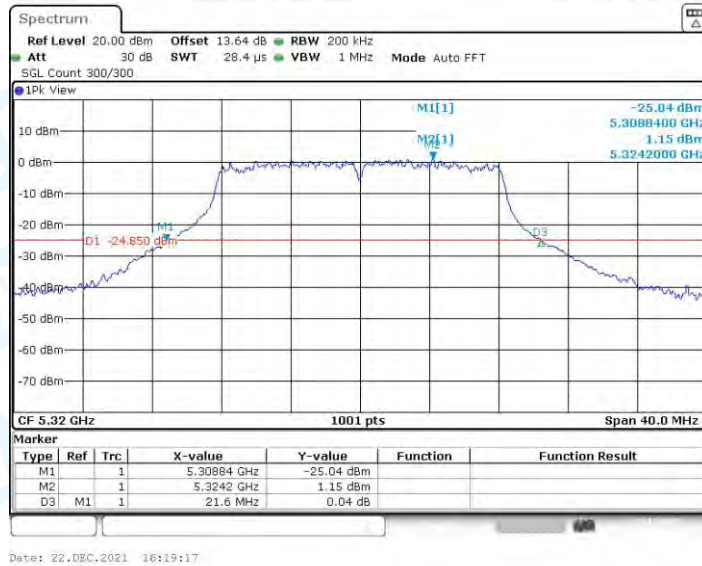


11A\_Ant2\_5300



11A\_Ant3\_5300

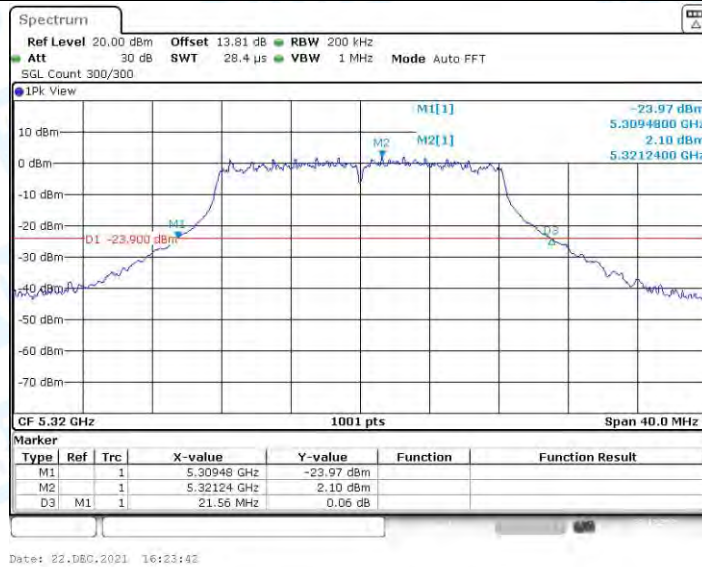




11A\_Ant1\_5320

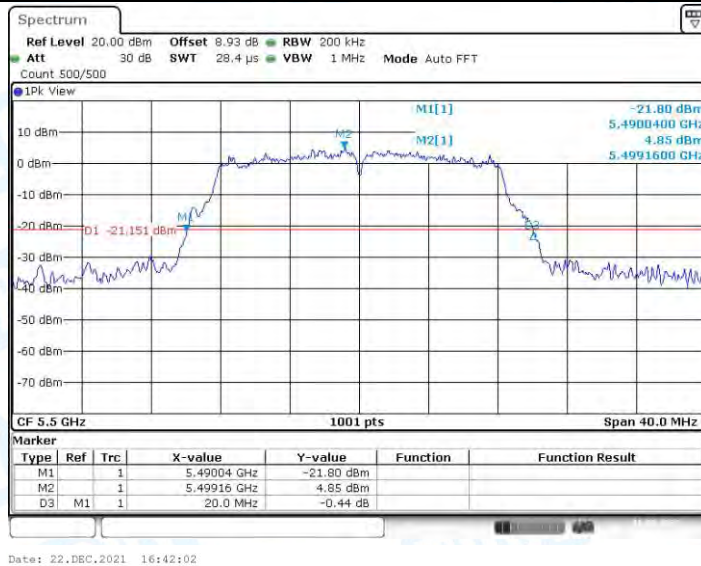


11A\_Ant2\_5320

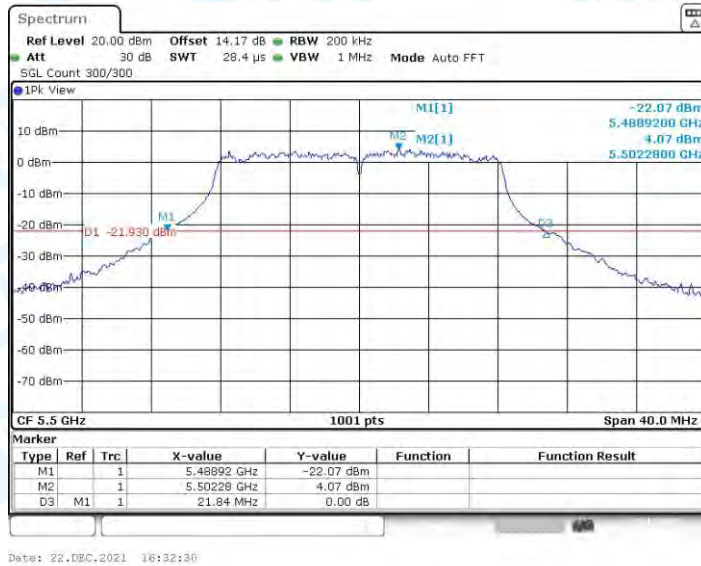


11A\_Ant3\_5320

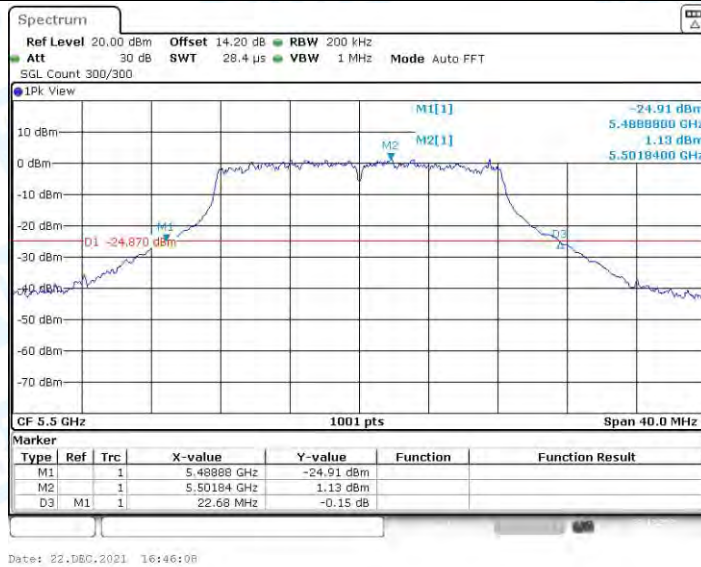




11A\_Ant1\_5500

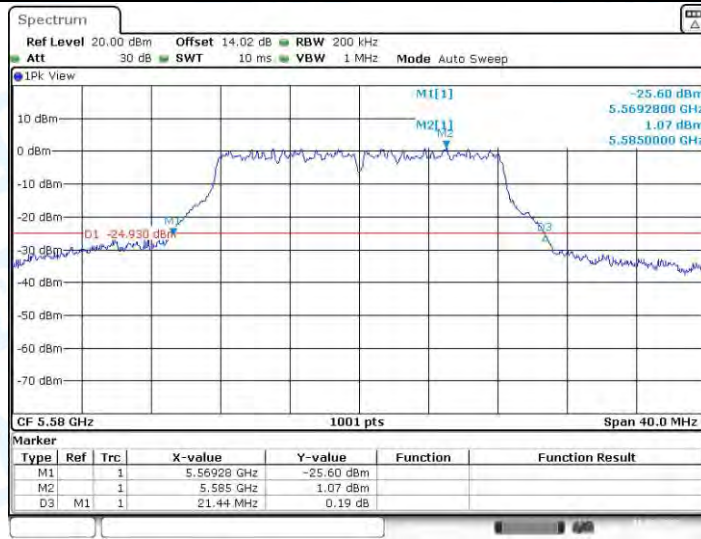


11A\_Ant2\_5500

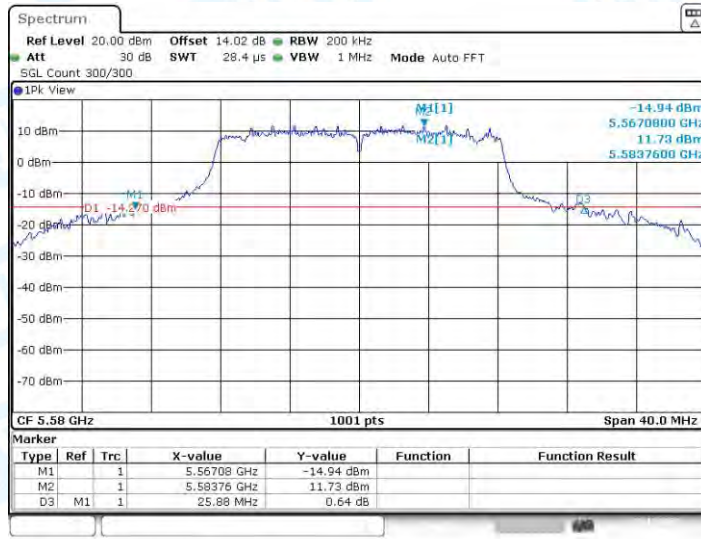


11A\_Ant3\_5500

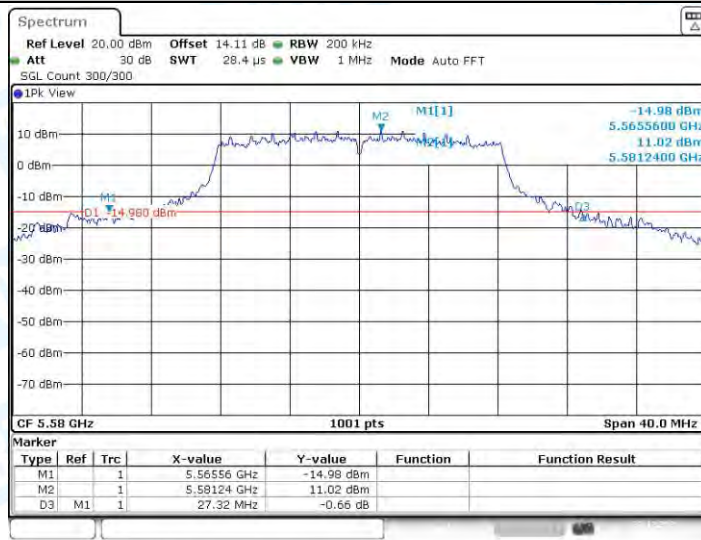




11A\_Ant1\_5580

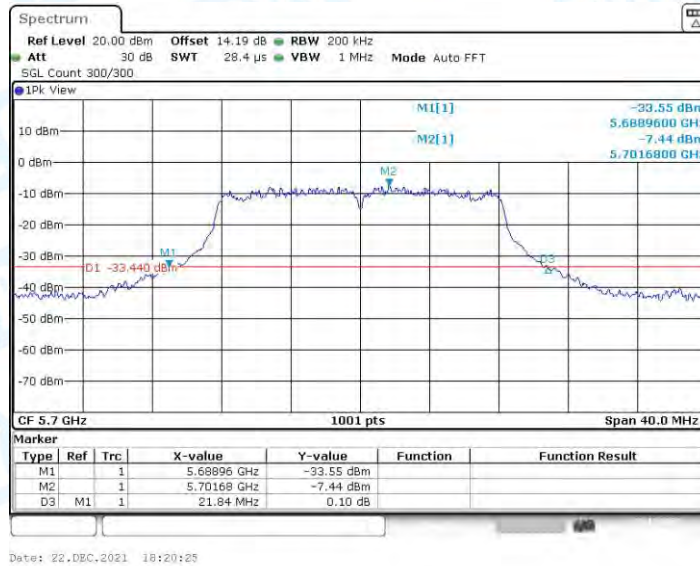


11A\_Ant2\_5580

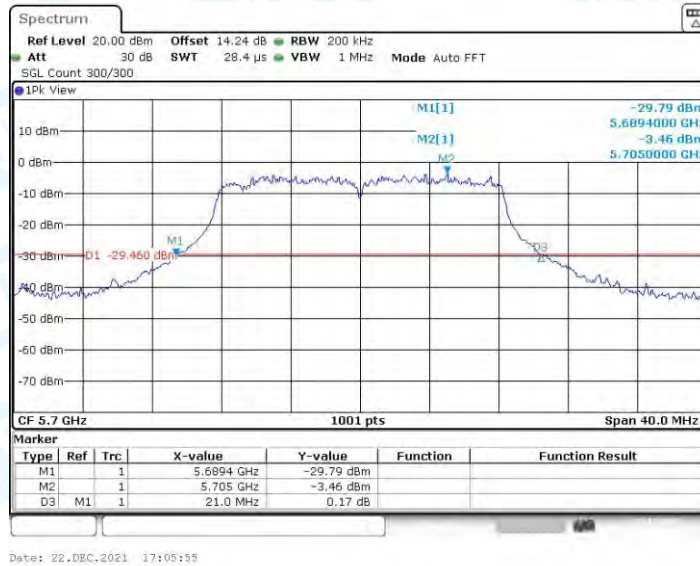


11A\_Ant3\_5580

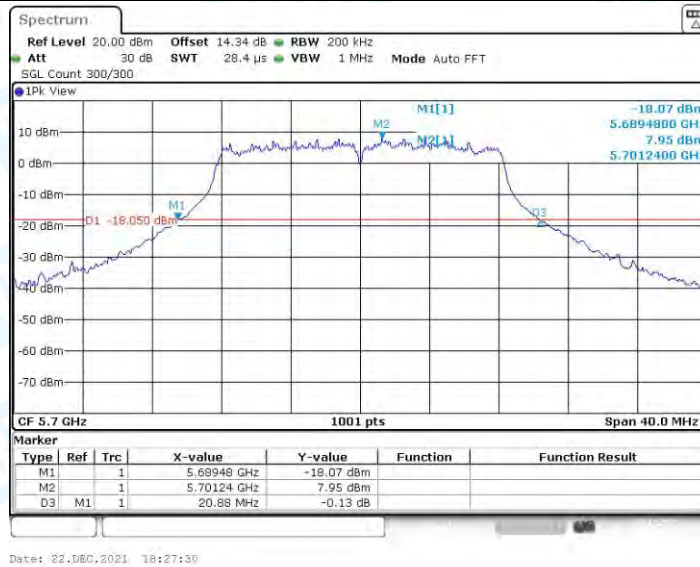




11A\_Ant1\_5700

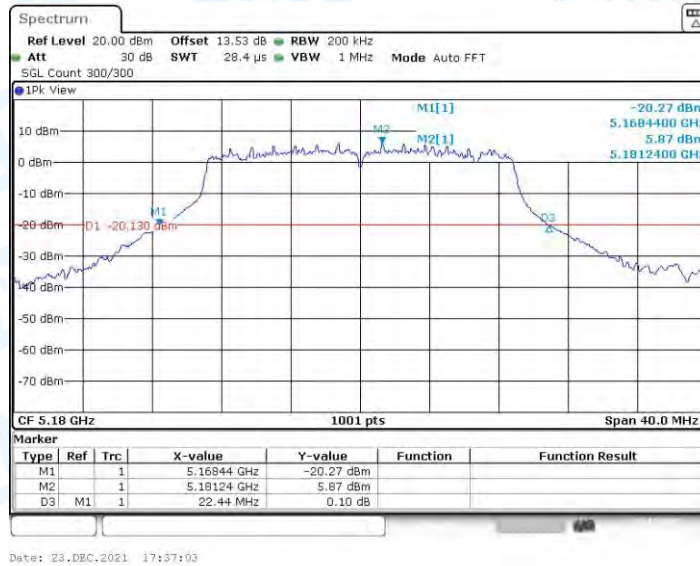


11A\_Ant2\_5700



11A\_Ant3\_5700

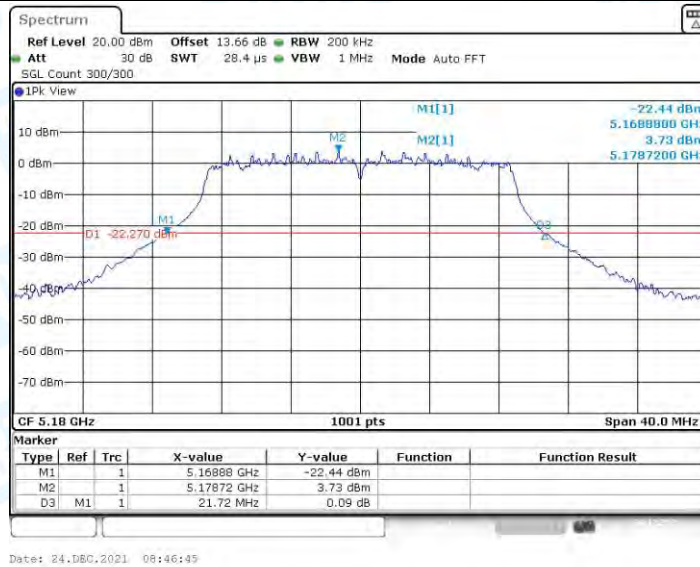




11N20MIMO\_Ant1\_5180

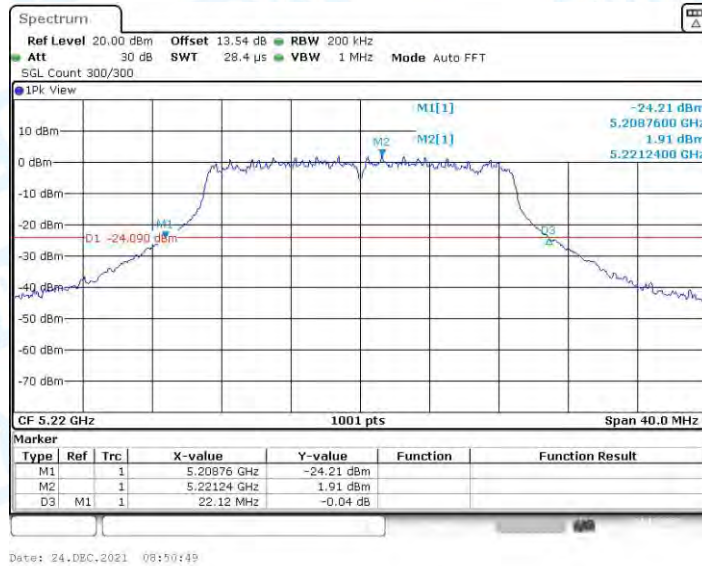


11N20MIMO\_Ant2\_5180

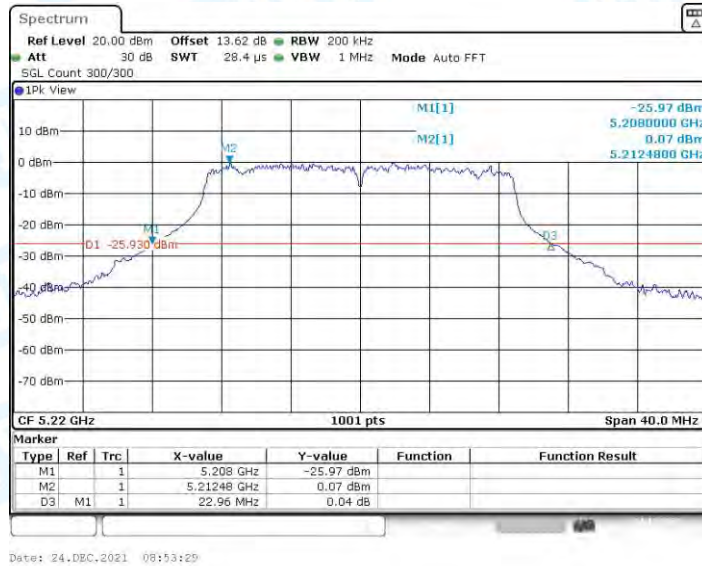


11N20MIMO\_Ant3\_5180

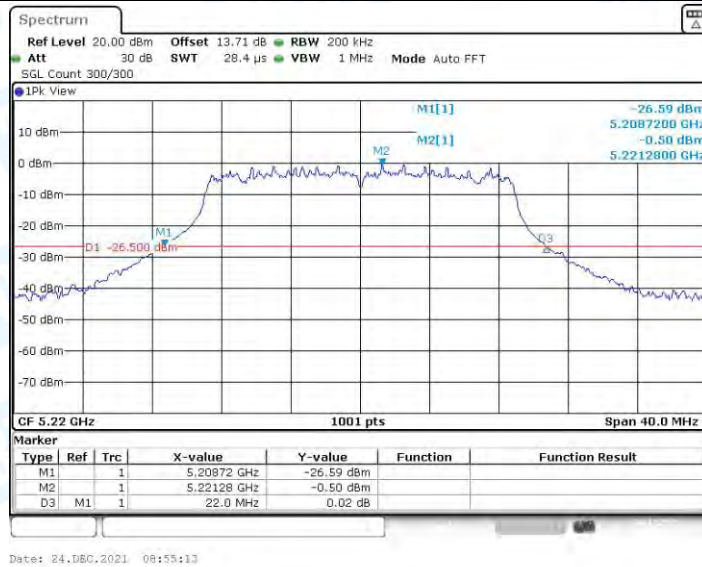




11N20MIMO\_Ant1\_5220

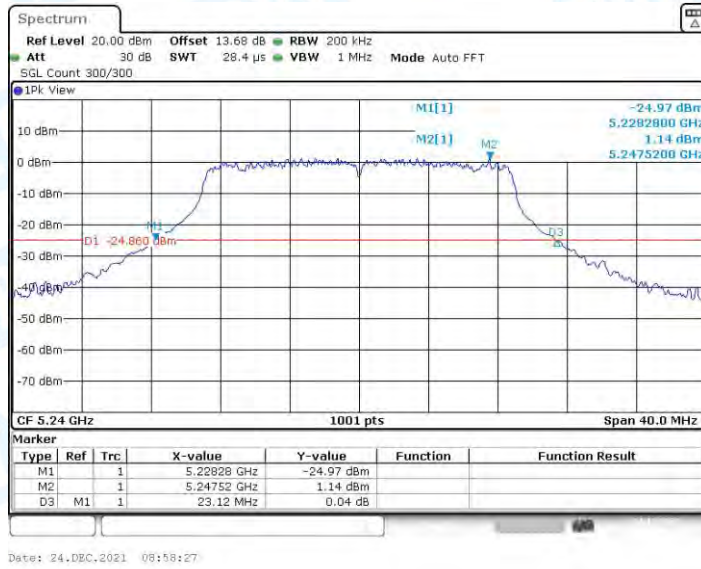


11N20MIMO\_Ant2\_5220

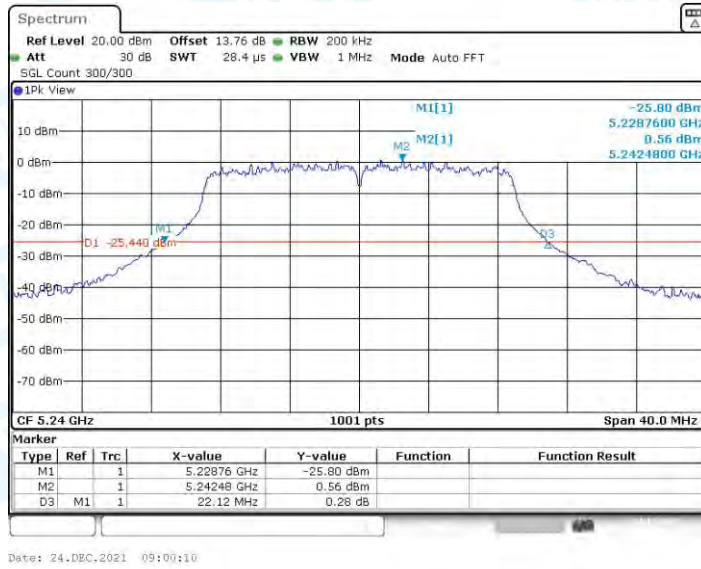


11N20MIMO\_Ant3\_5220

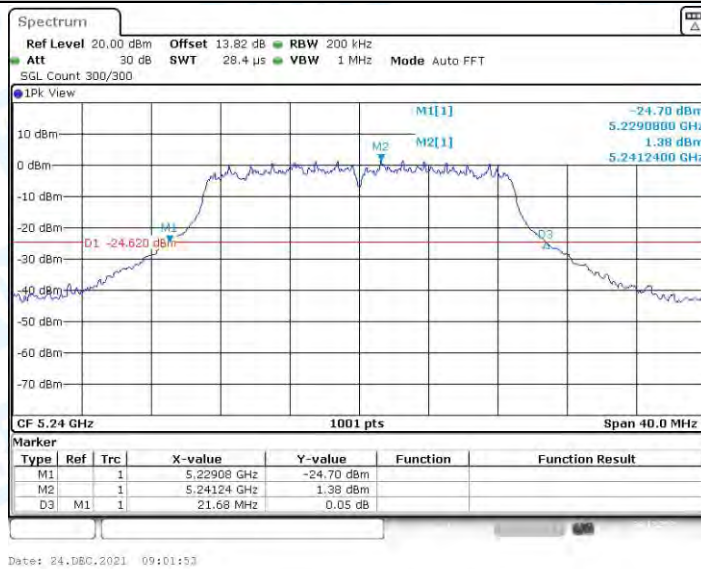




11N20MIMO\_Ant1\_5240

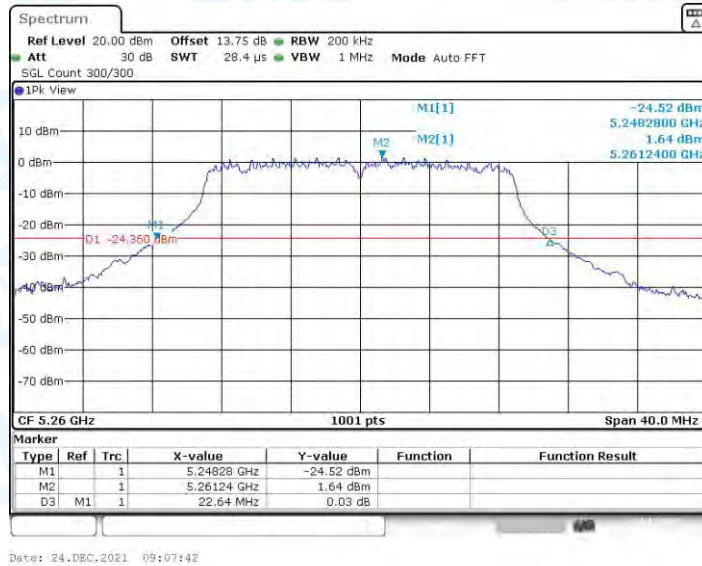


11N20MIMO\_Ant2\_5240

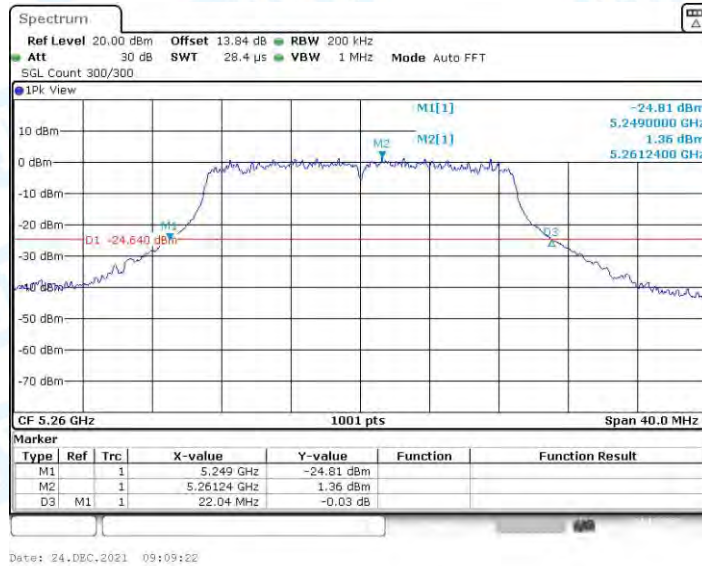


11N20MIMO\_Ant3\_5240

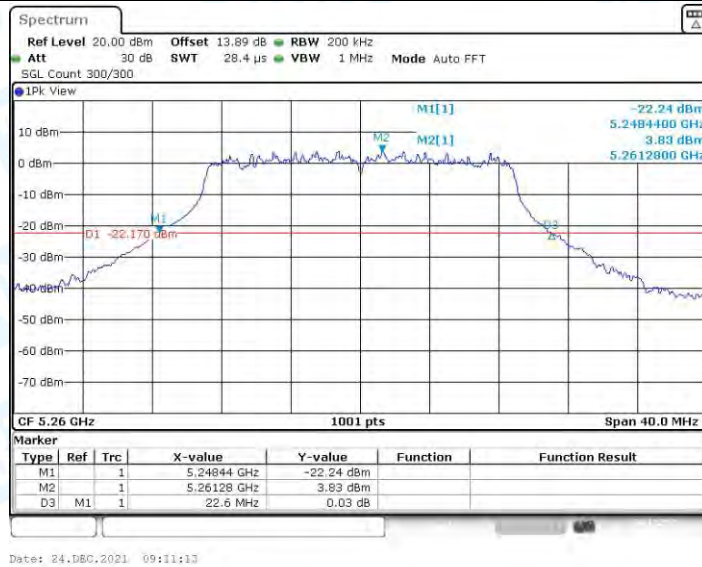




11N20MIMO\_Ant1\_5260

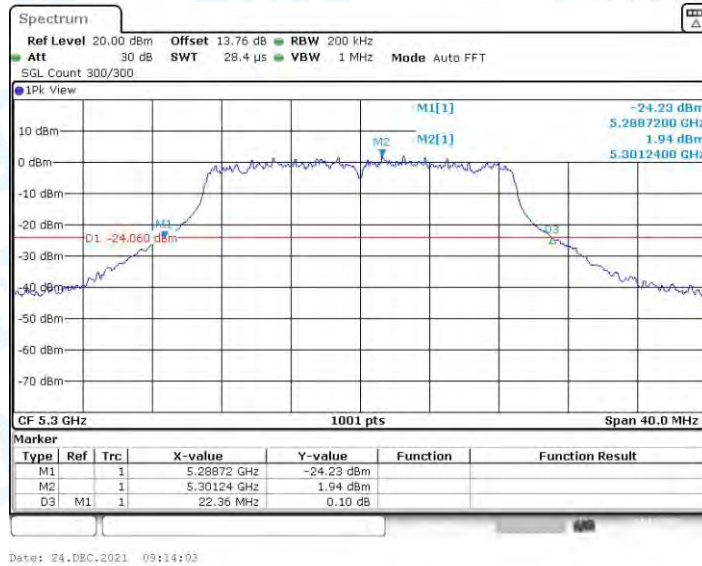


11N20MIMO\_Ant2\_5260



11N20MIMO\_Ant3\_5260

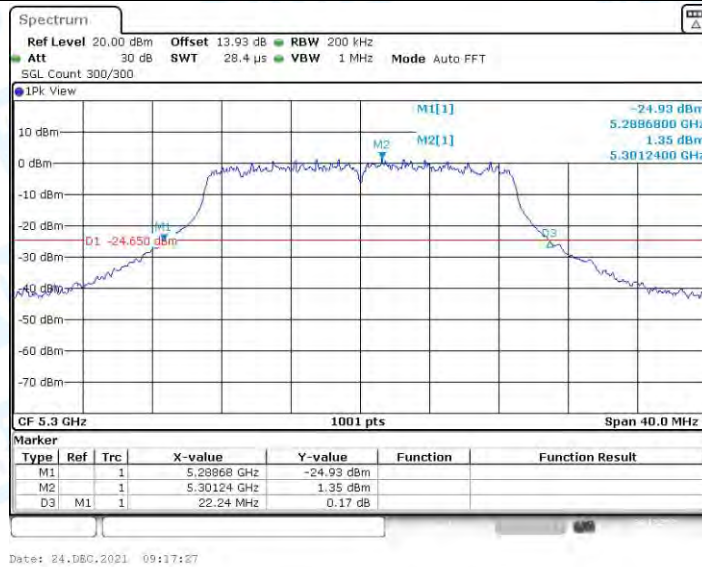




11N20MIMO\_Ant1\_5300

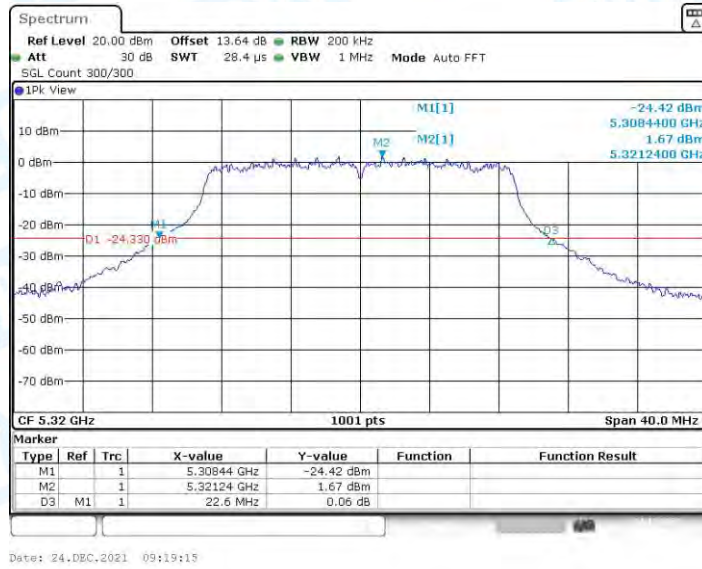


11N20MIMO\_Ant2\_5300



11N20MIMO\_Ant3\_5300

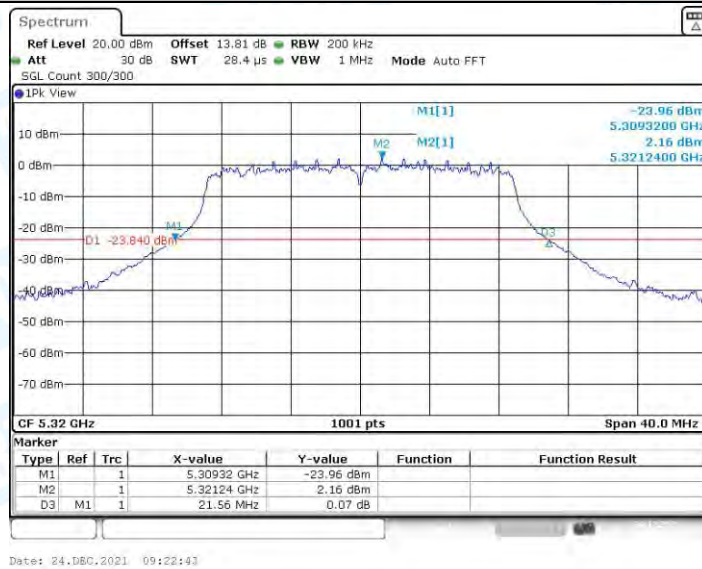




11N20MIMO\_Ant1\_5320



11N20MIMO\_Ant2\_5320

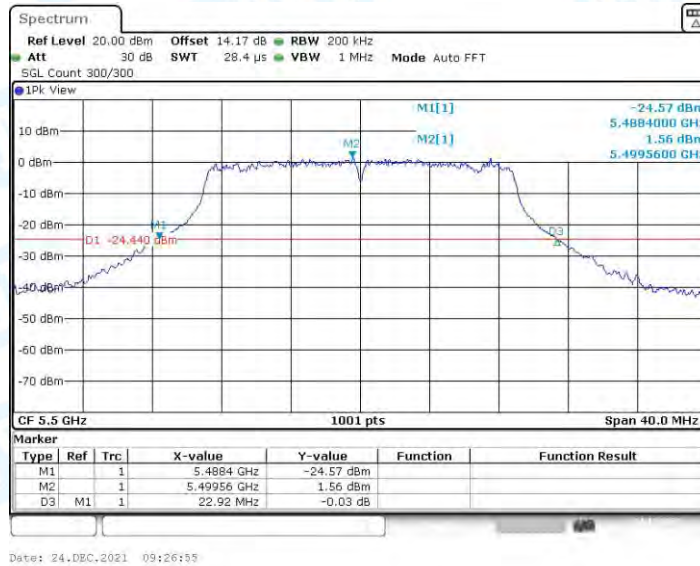


11N20MIMO\_Ant3\_5320

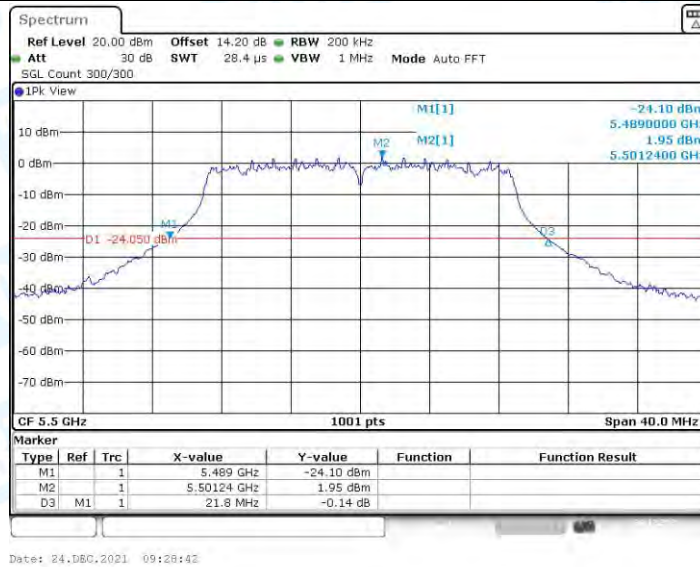




11N20MIMO\_Ant1\_5500

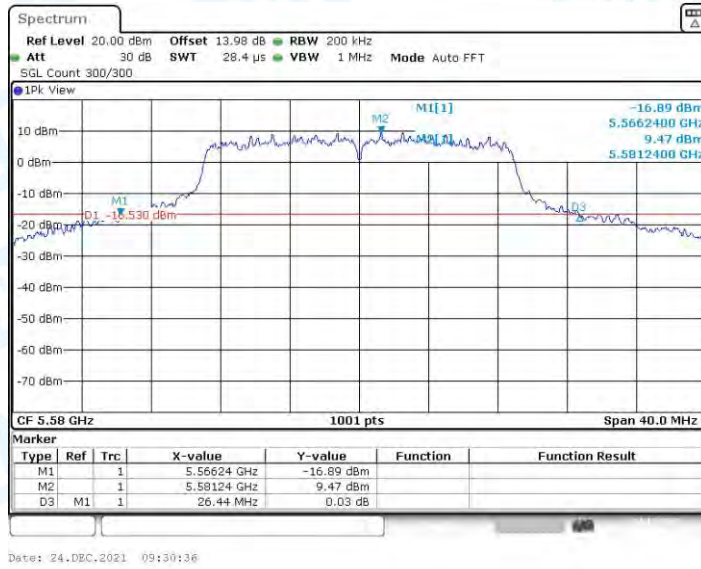


11N20MIMO\_Ant2\_5500

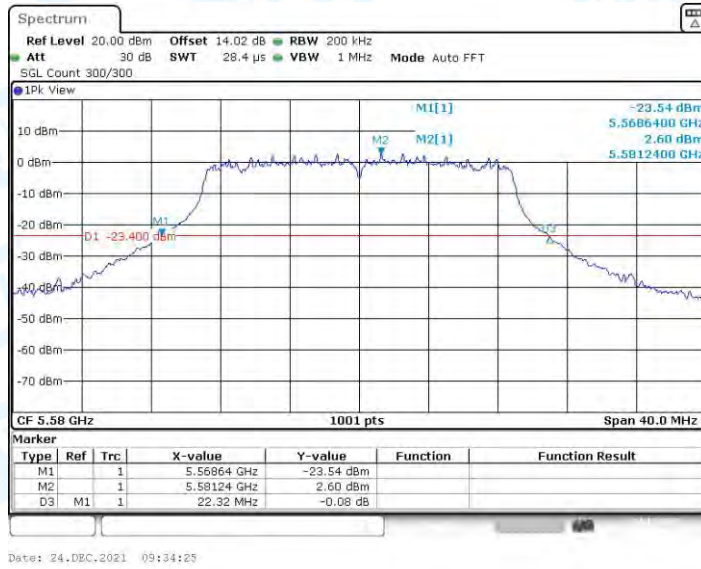


11N20MIMO\_Ant3\_5500

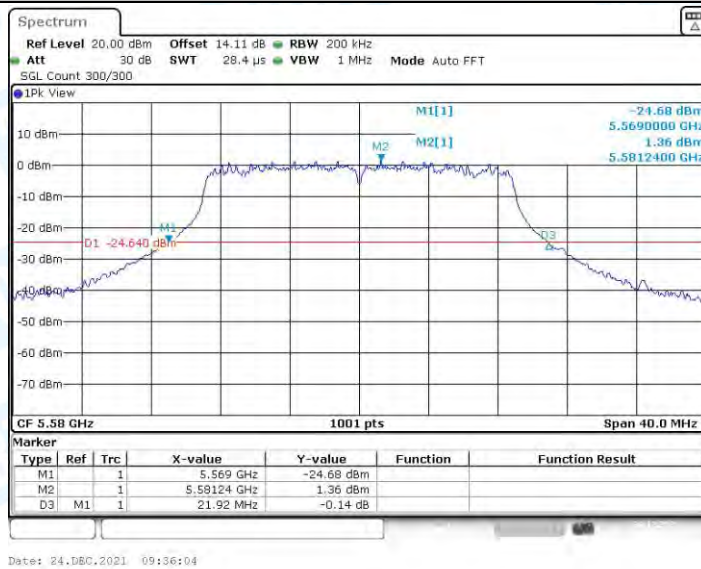




11N20MIMO\_Ant1\_5580

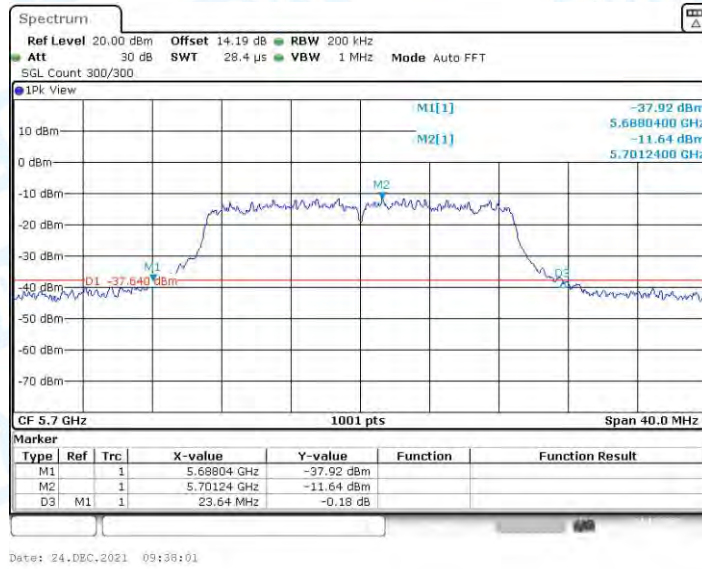


11N20MIMO\_Ant2\_5580

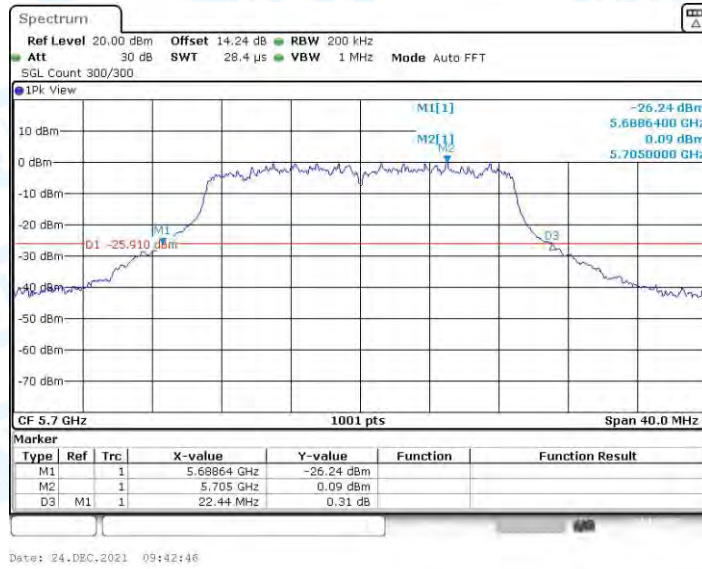


11N20MIMO\_Ant3\_5580

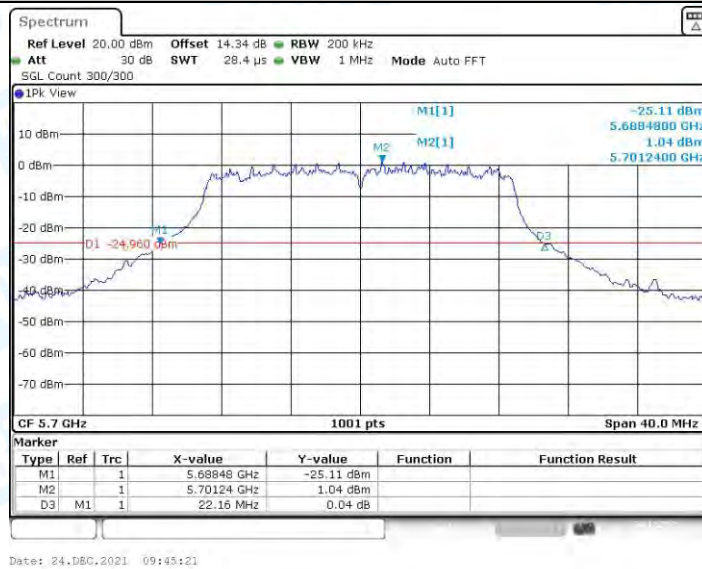




11N20MIMO\_Ant1\_5700

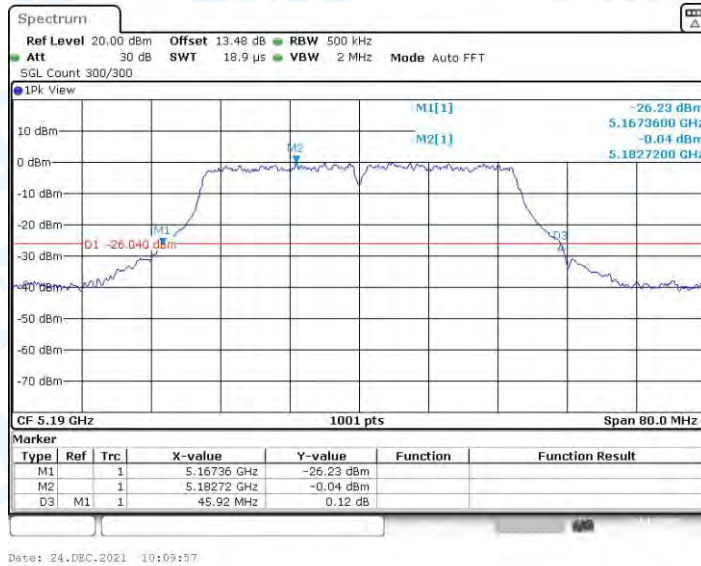


11N20MIMO\_Ant2\_5700



11N20MIMO\_Ant3\_5700

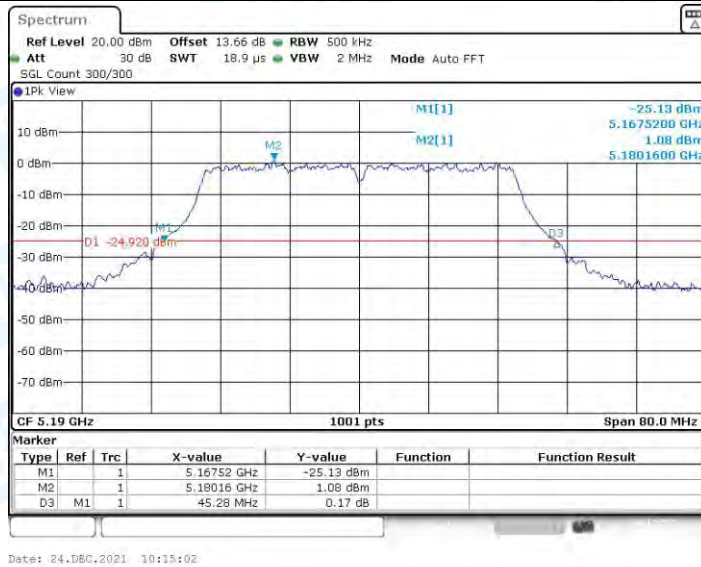




11N40MIMO\_Ant1\_5190

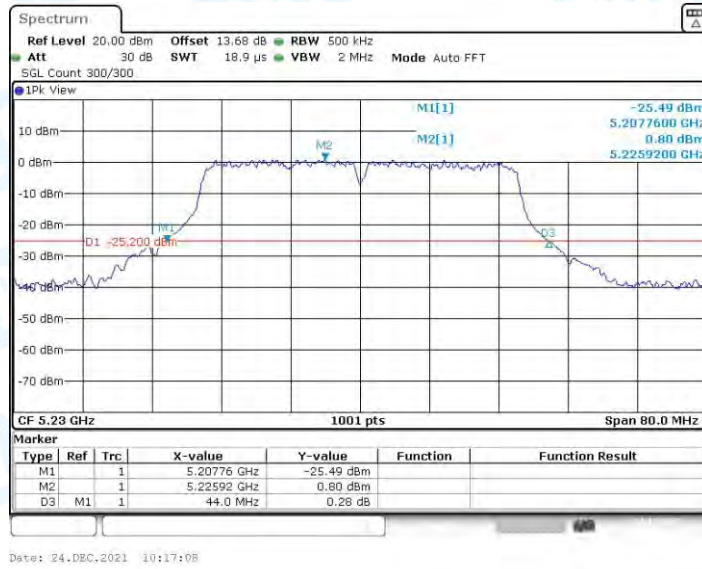


11N40MIMO\_Ant2\_5190

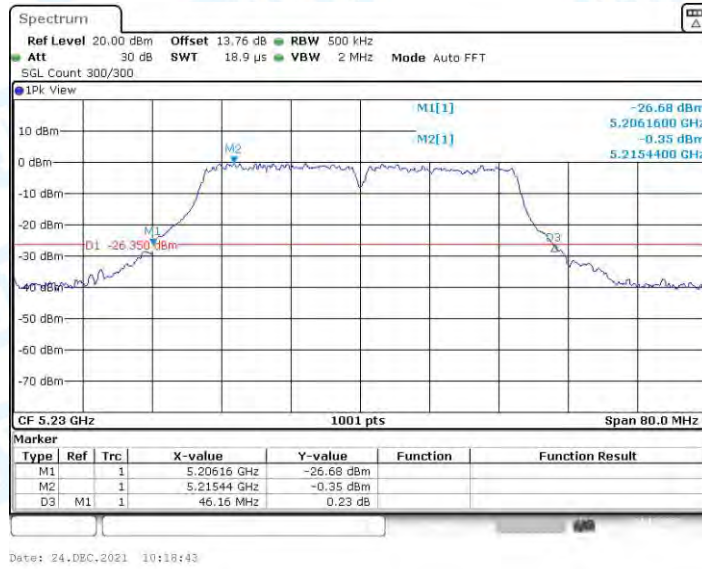


11N40MIMO\_Ant3\_5190

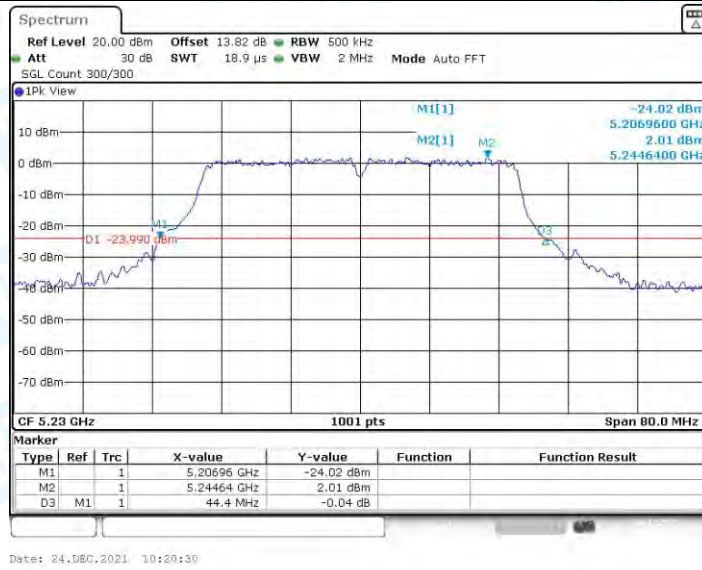




11N40MIMO\_Ant1\_5230

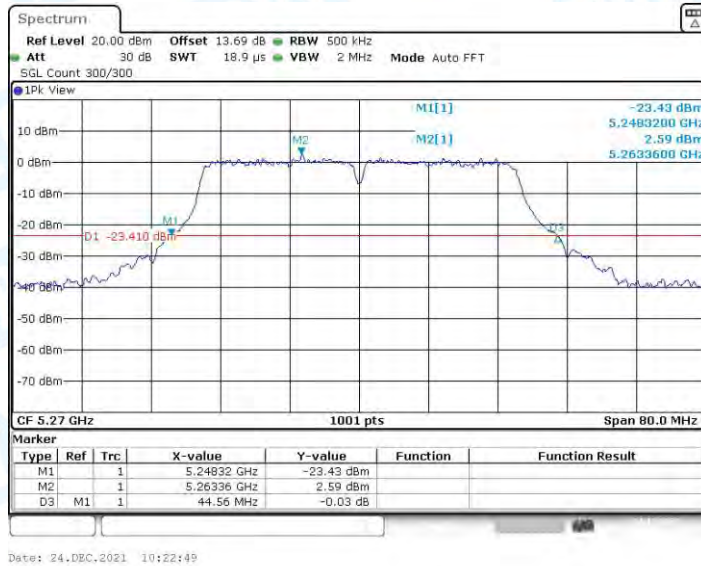


11N40MIMO\_Ant2\_5230

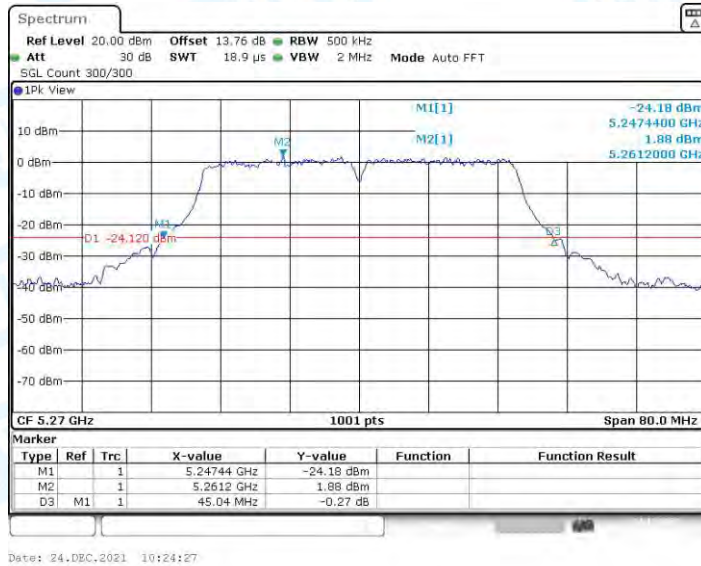


11N40MIMO\_Ant3\_5230

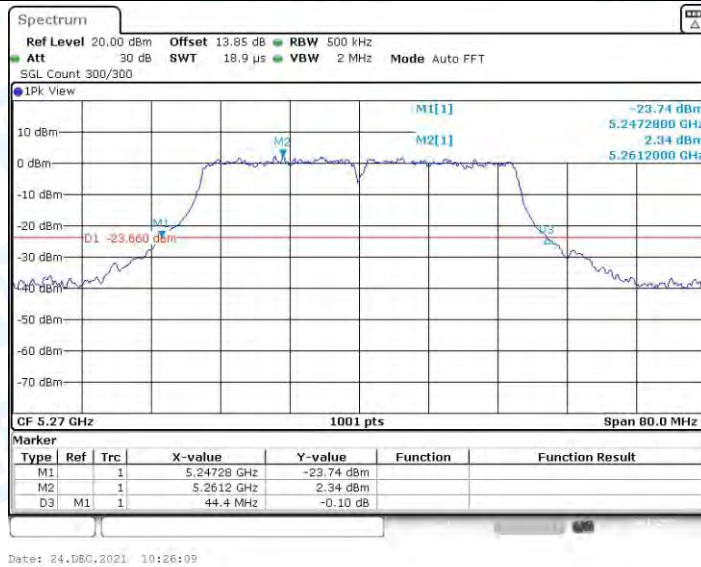




11N40MIMO\_Ant1\_5270



11N40MIMO\_Ant2\_5270

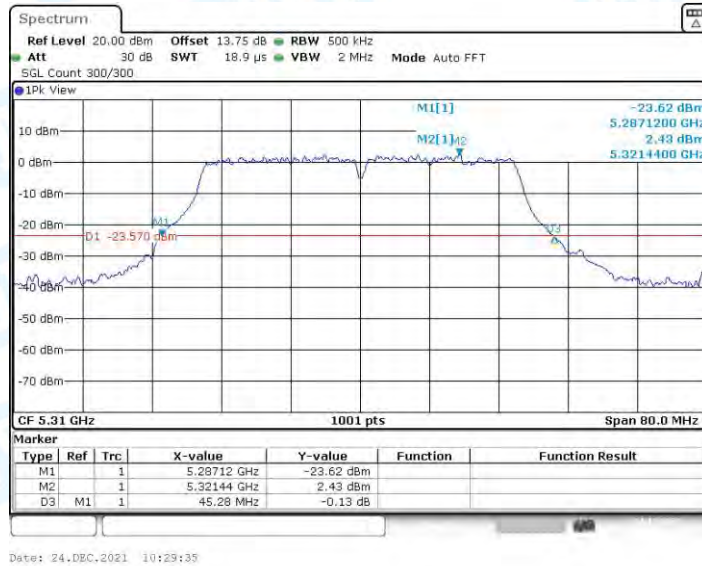


11N40MIMO\_Ant3\_5270

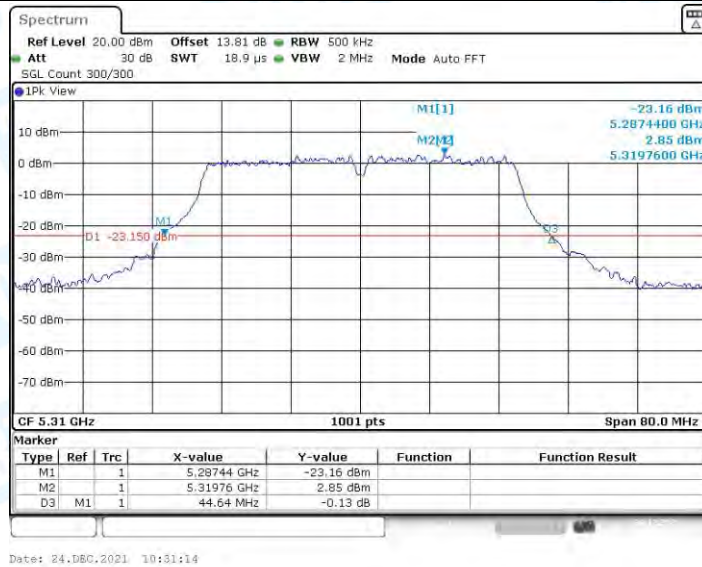




11N40MIMO\_Ant1\_5310

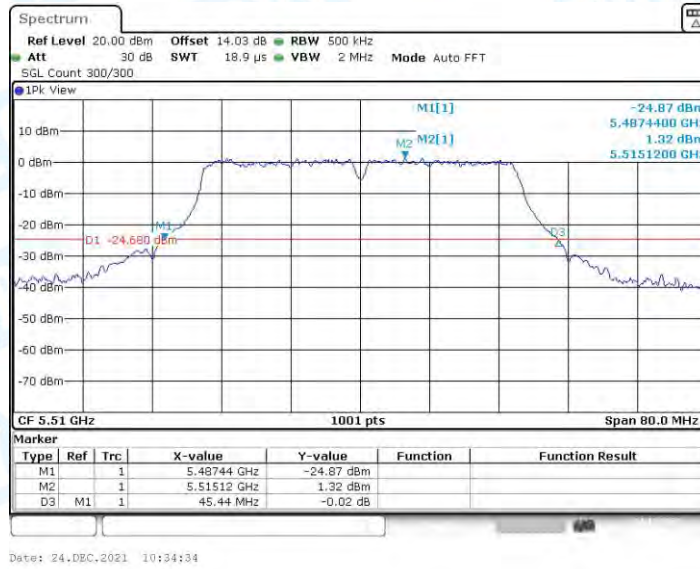


11N40MIMO\_Ant2\_5310

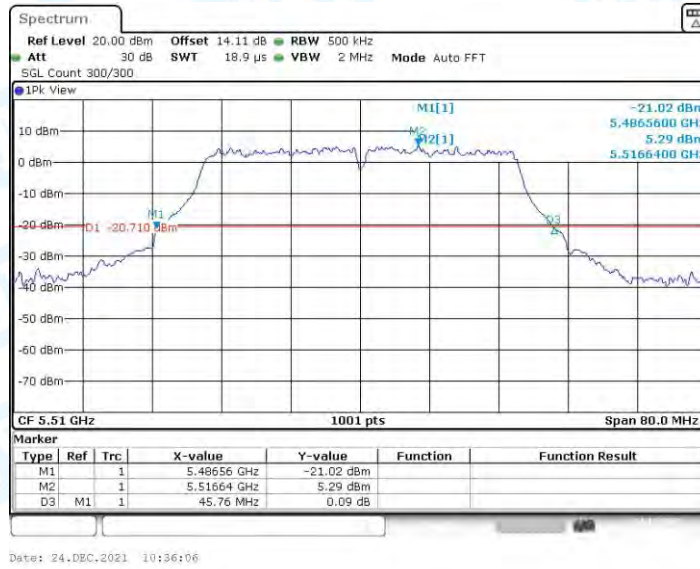


11N40MIMO\_Ant3\_5310

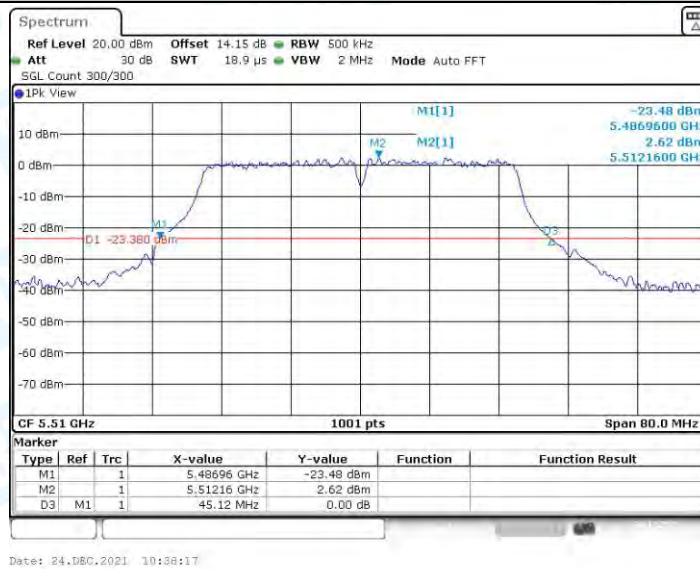




11N40MIMO\_Ant1\_5510

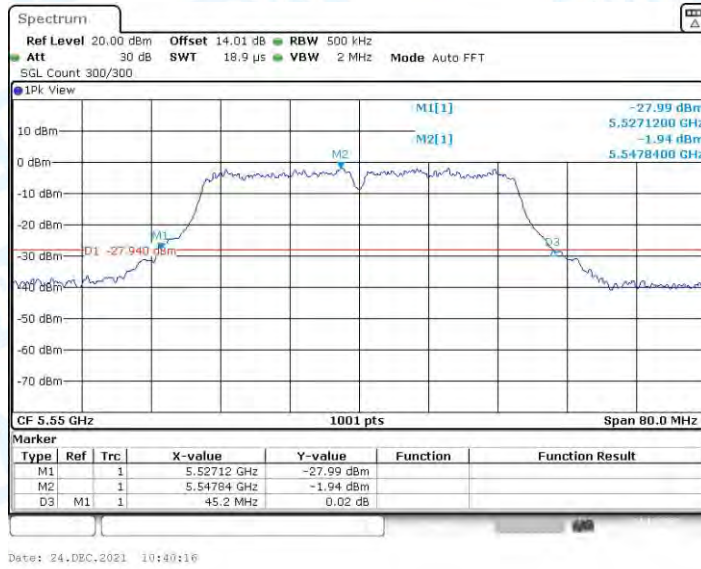


11N40MIMO\_Ant2\_5510



11N40MIMO\_Ant3\_5510

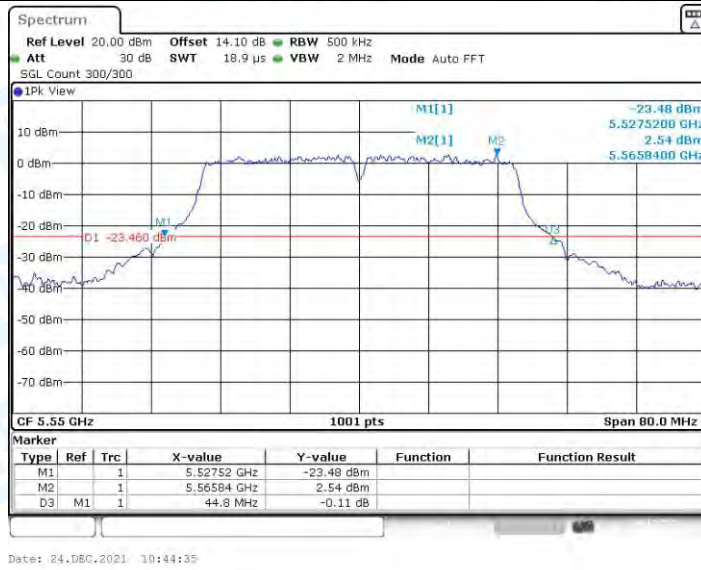




11N40MIMO\_Ant1\_5550

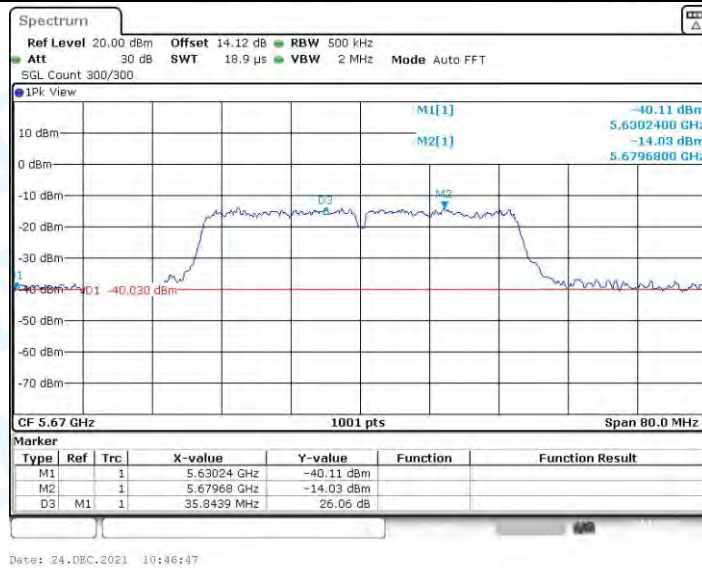


11N40MIMO\_Ant2\_5550

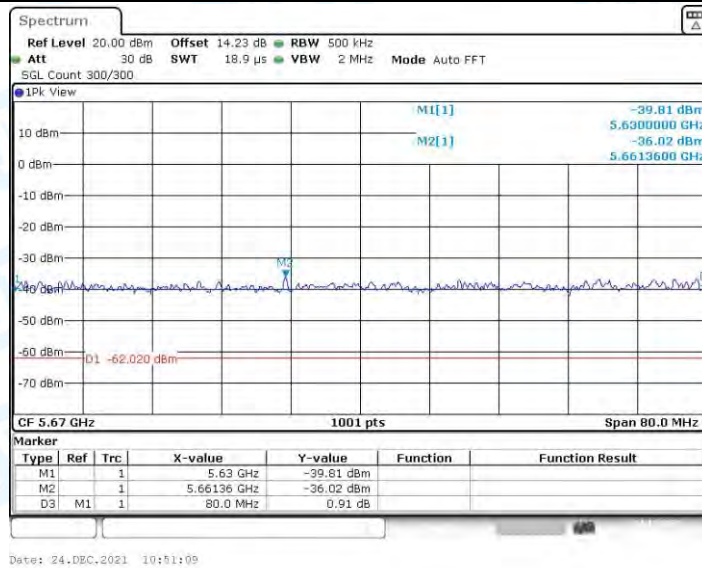


11N40MIMO\_Ant3\_5550

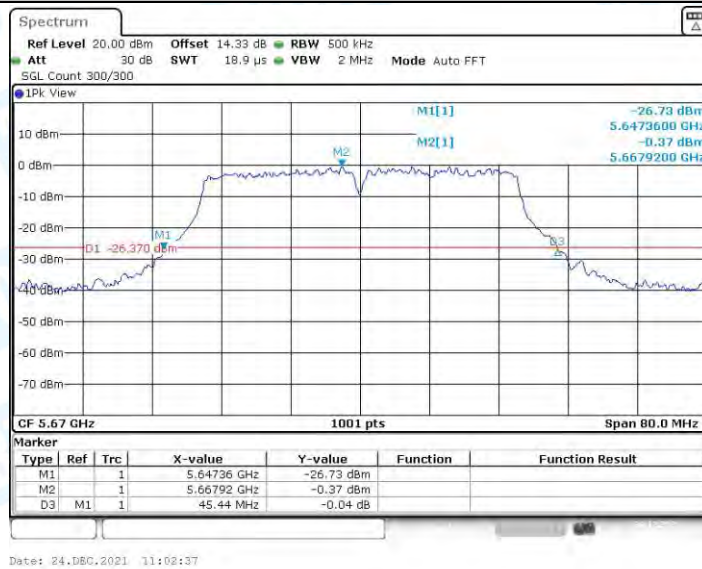




11N40MIMO\_Ant1\_5670

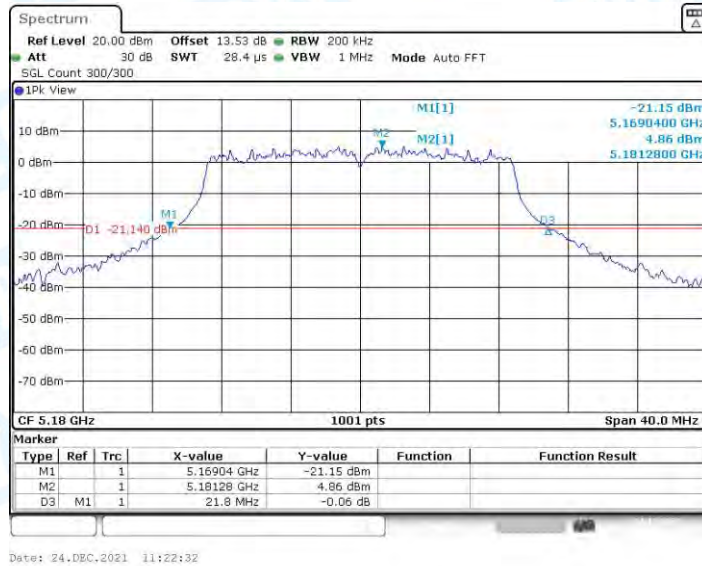


11N40MIMO\_Ant2\_5670

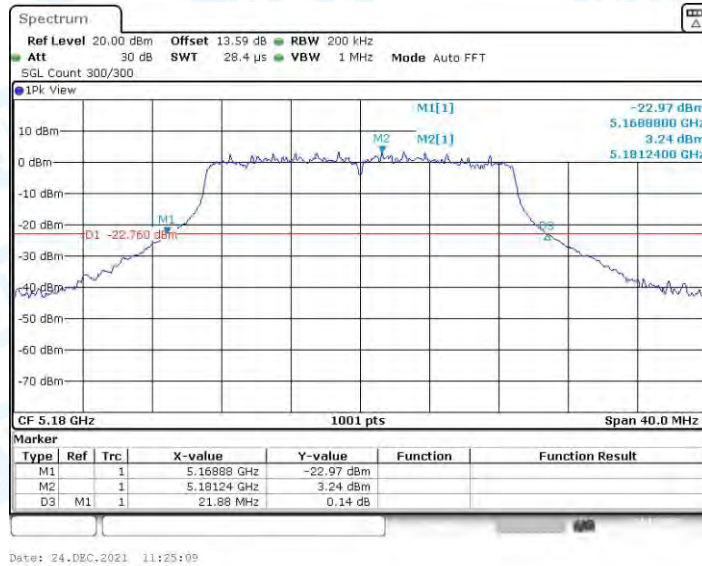


11N40MIMO\_Ant3\_5670

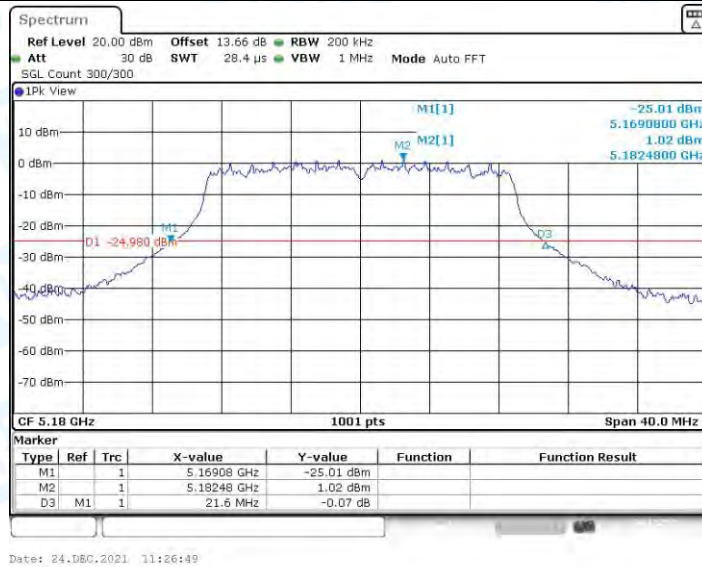




11AC20MIMO\_Ant1\_5180

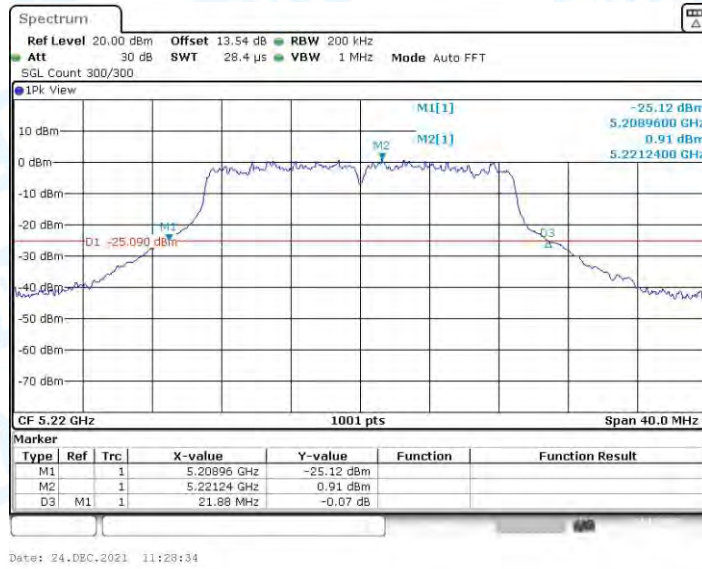


11AC20MIMO\_Ant2\_5180

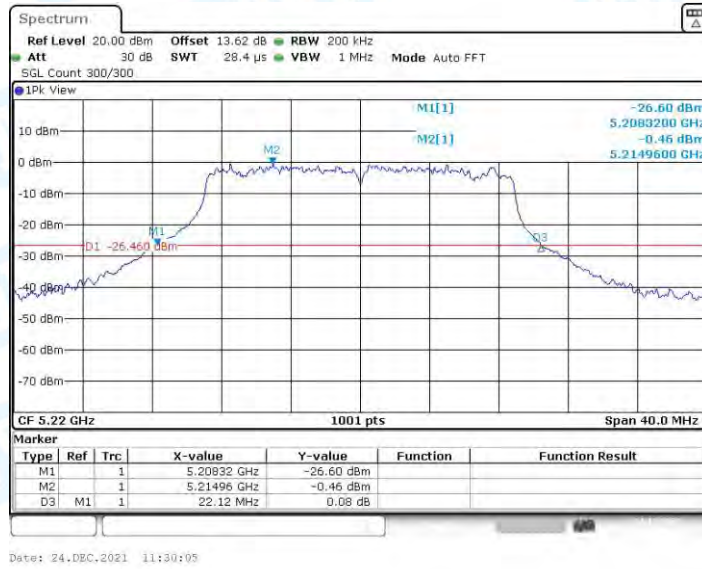


11AC20MIMO\_Ant3\_5180

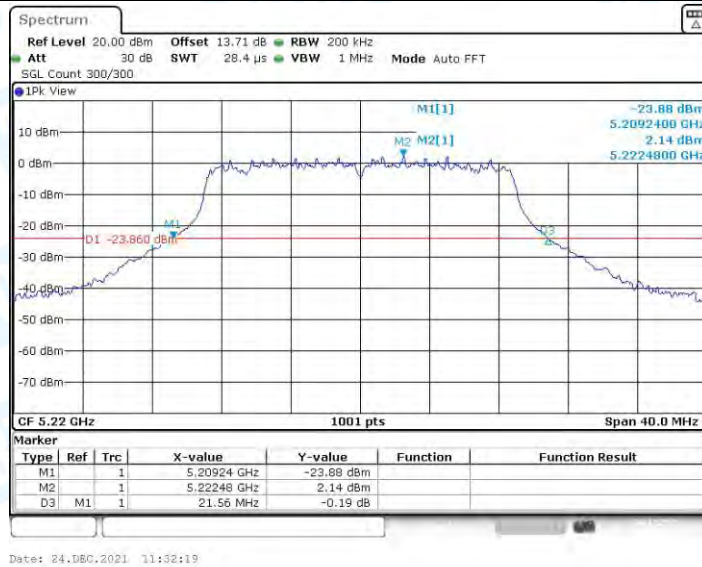




11AC20MIMO\_Ant1\_5220

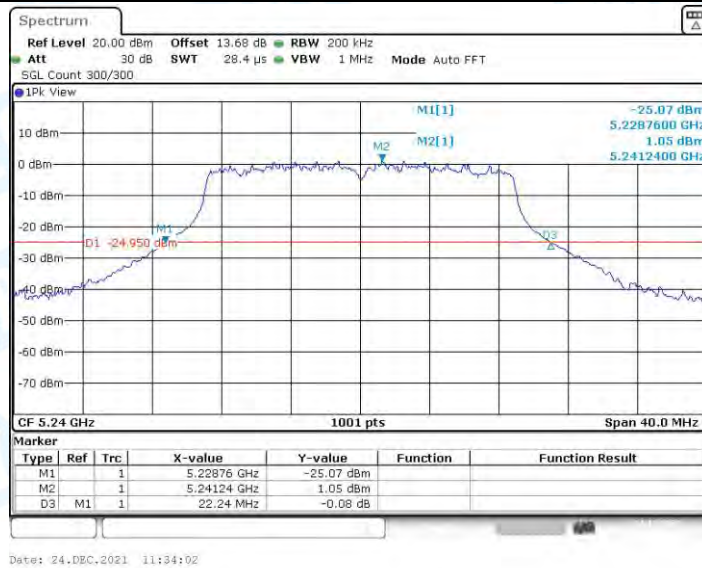


11AC20MIMO\_Ant2\_5220

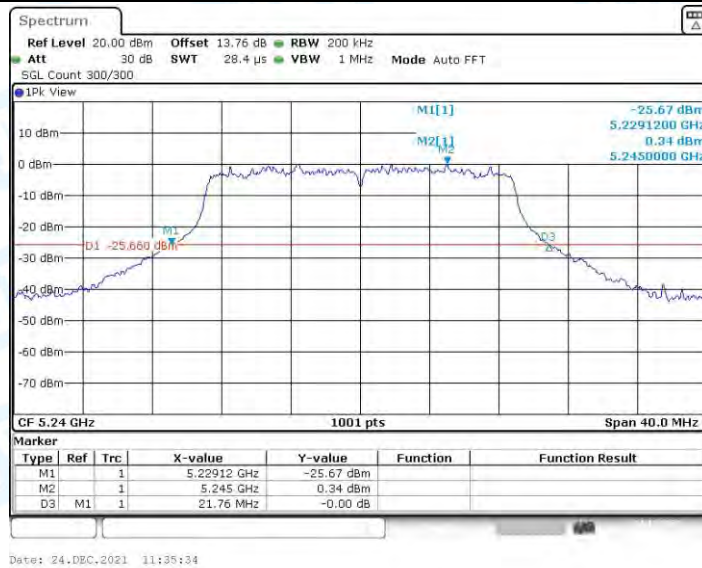


11AC20MIMO\_Ant3\_5220

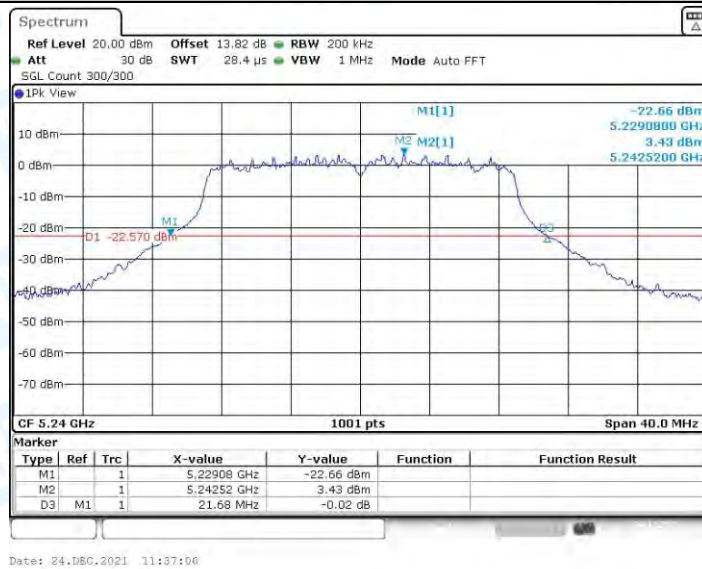




11AC20MIMO\_Ant1\_5240

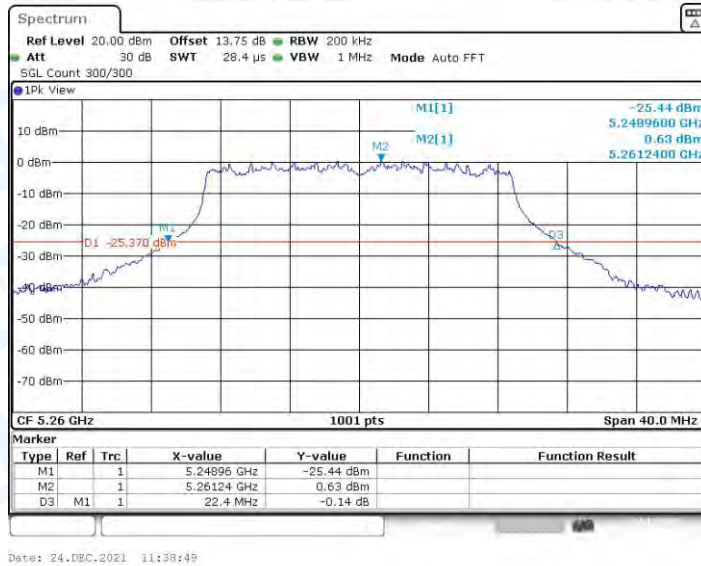


11AC20MIMO\_Ant2\_5240



11AC20MIMO\_Ant3\_5240

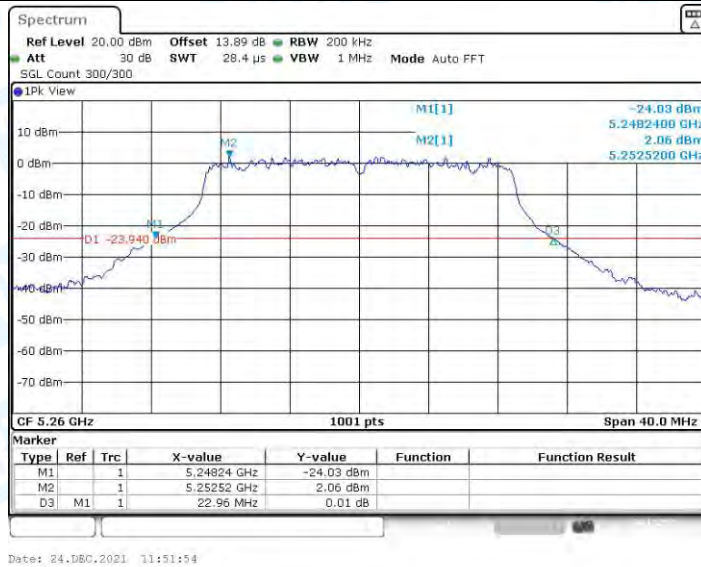




11AC20MIMO\_Ant1\_5260



11AC20MIMO\_Ant2\_5260

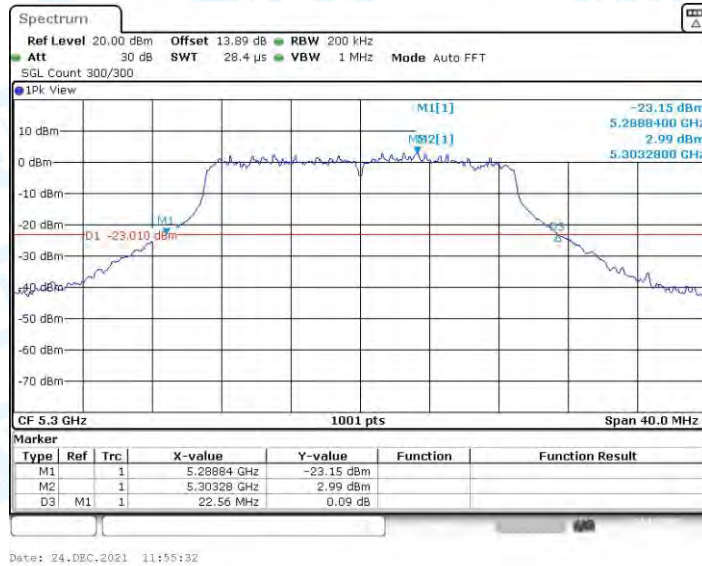


11AC20MIMO\_Ant3\_5260

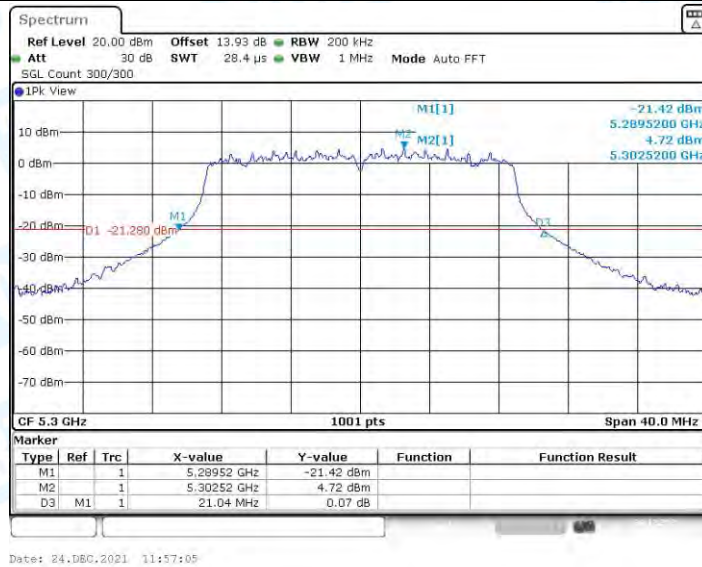




11AC20MIMO\_Ant1\_5300

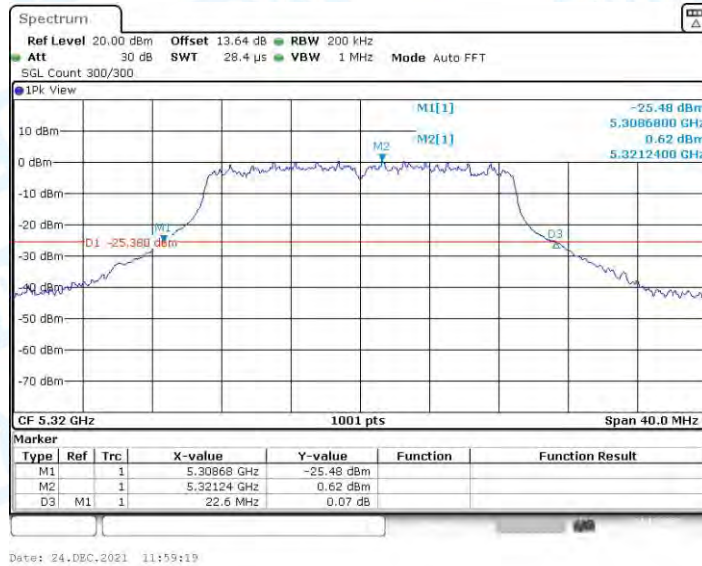


11AC20MIMO\_Ant2\_5300

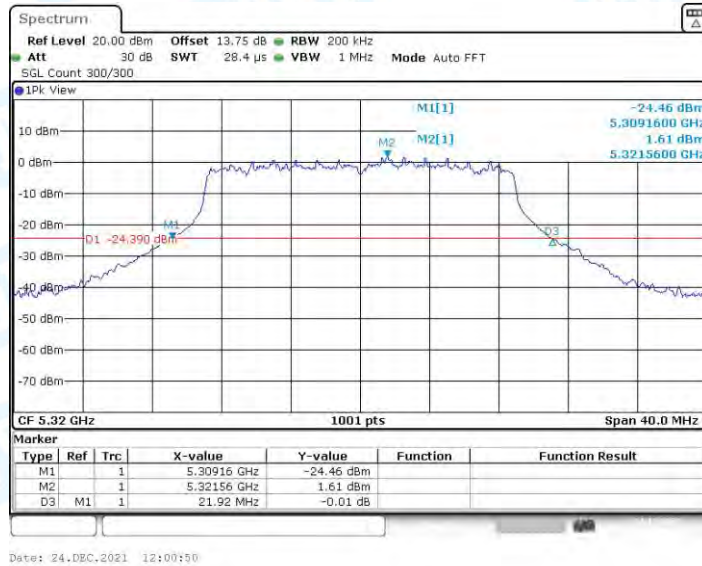


11AC20MIMO\_Ant3\_5300





11AC20MIMO\_Ant1\_5320

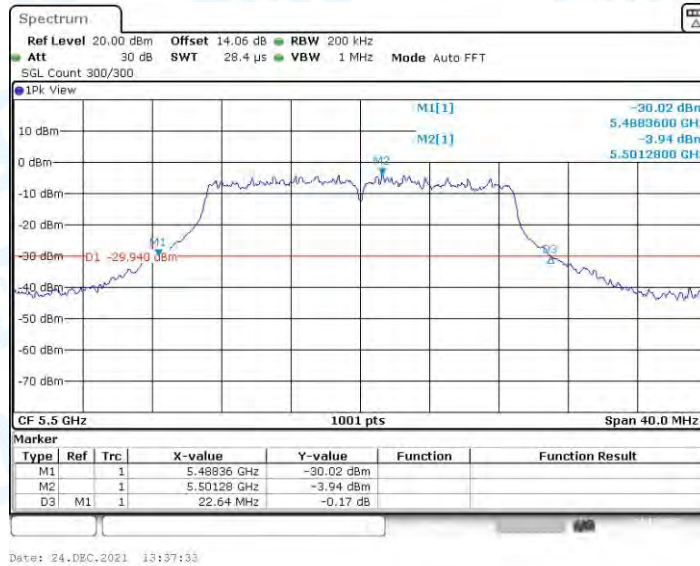


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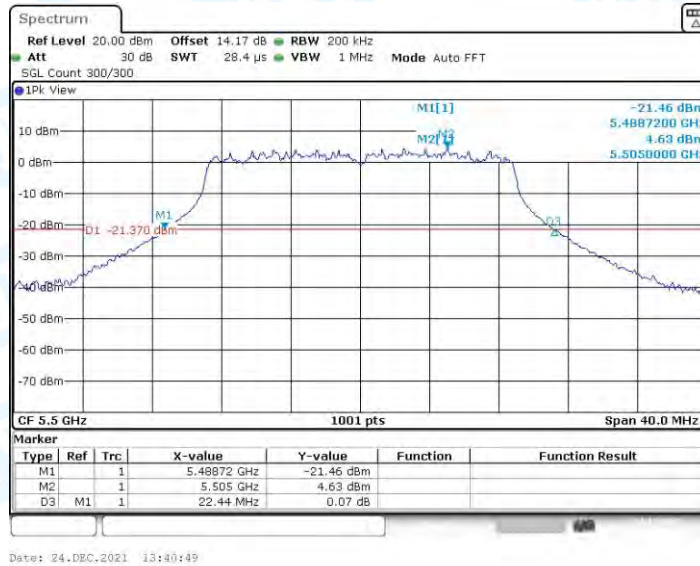


11AC20MIMO\_Ant3\_5320

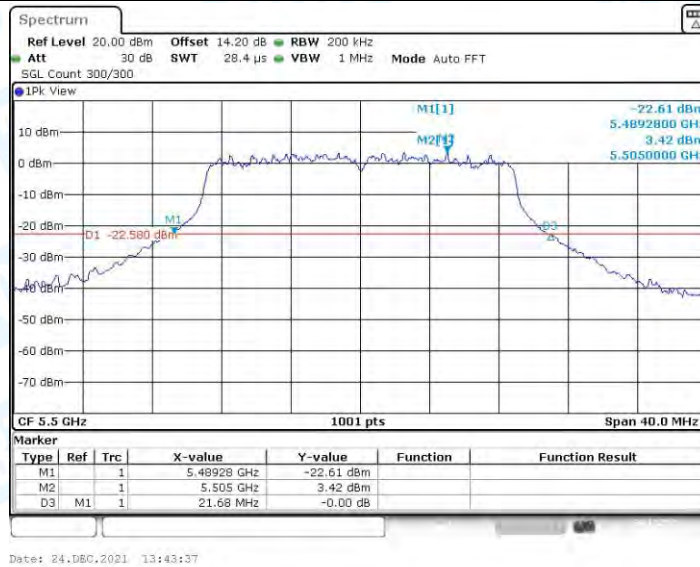




11AC20MIMO\_Ant1\_5500



11AC20MIMO\_Ant2\_5500



11AC20MIMO\_Ant3\_5500

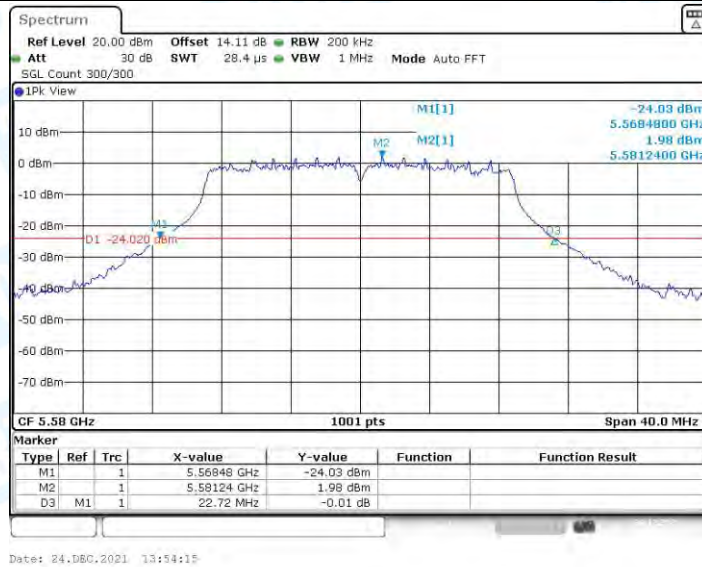




11AC20MIMO\_Ant1\_5580

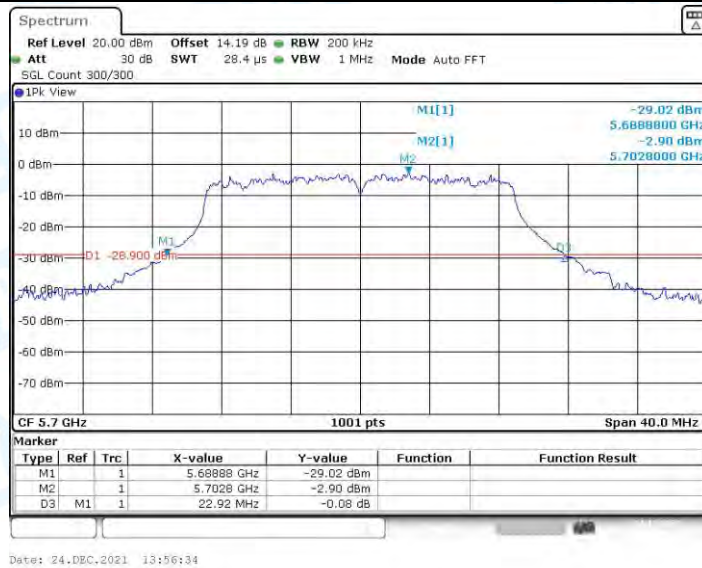


11AC20MIMO\_Ant2\_5580

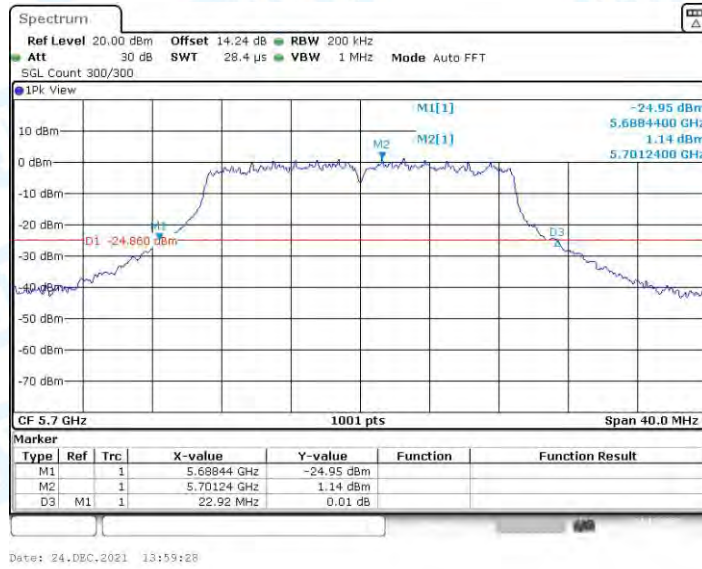


11AC20MIMO\_Ant3\_5580

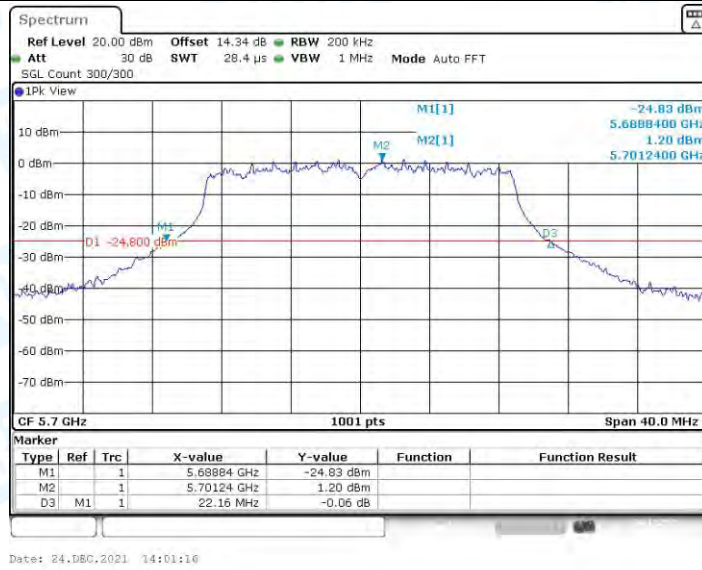




11AC20MIMO\_Ant1\_5700

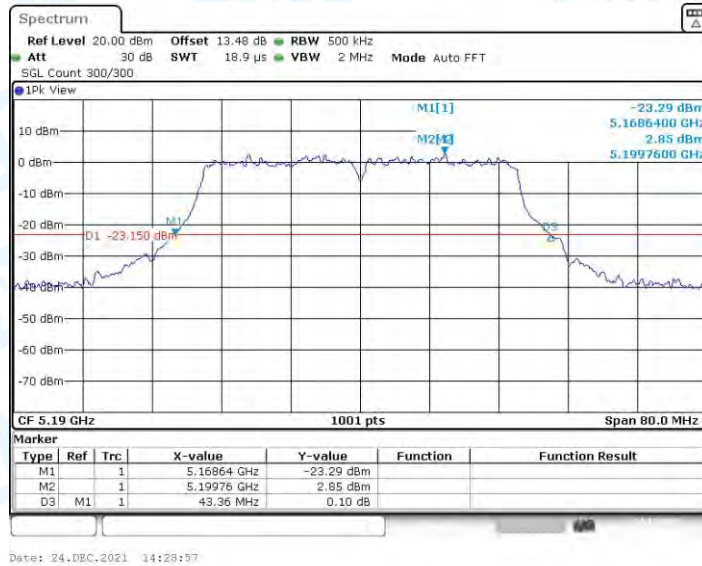


11AC20MIMO\_Ant2\_5700

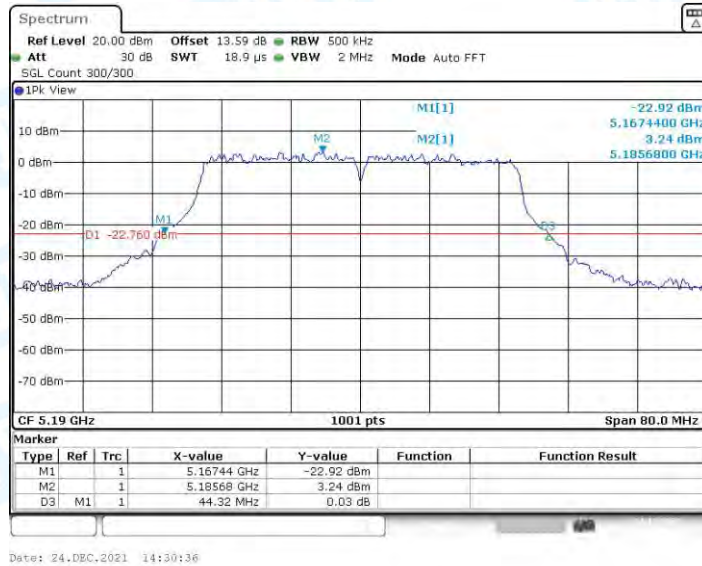


11AC20MIMO\_Ant3\_5700

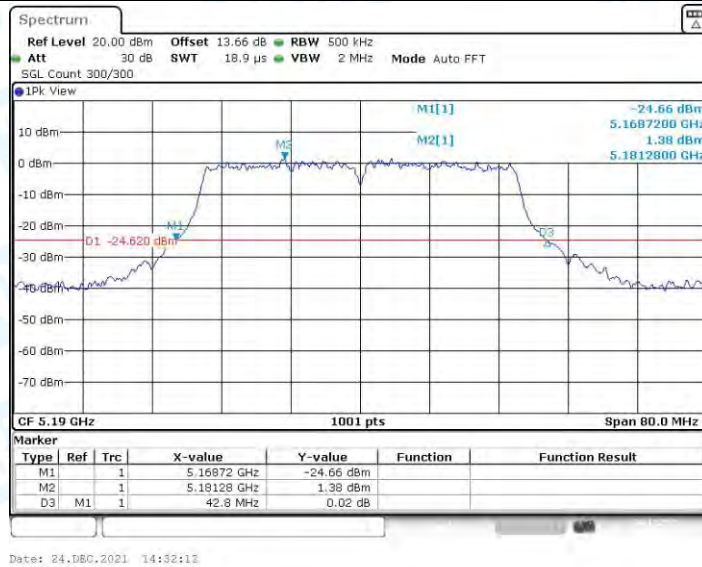




11AC40MIMO\_Ant1\_5190

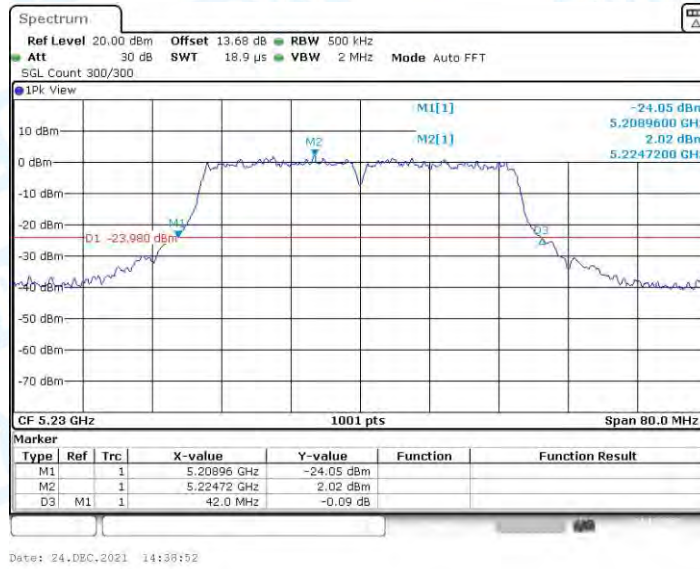


11AC40MIMO\_Ant2\_5190

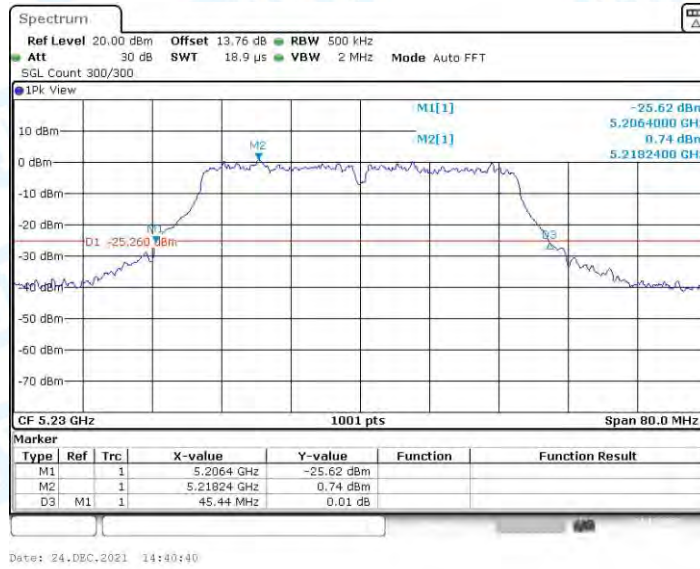


11AC40MIMO\_Ant3\_5190

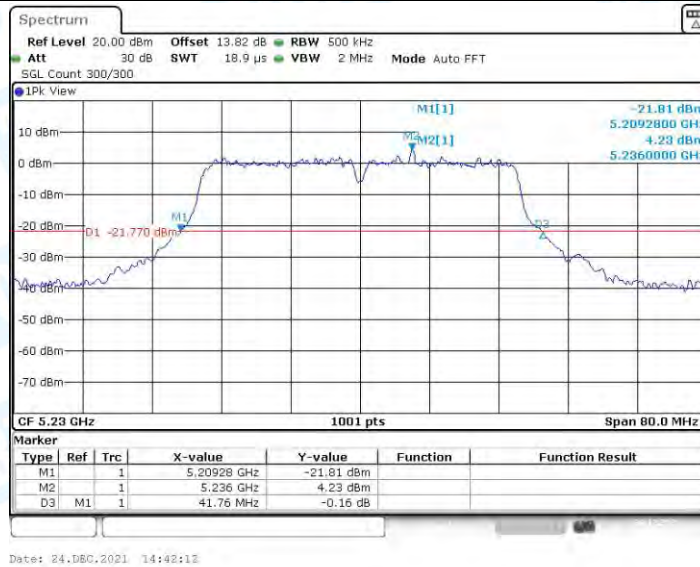




### 11AC40MIMO\_Ant1\_5230

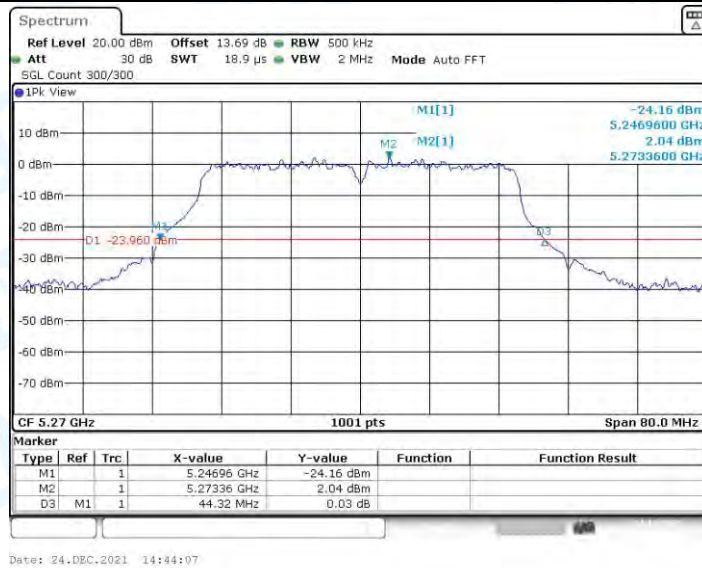


### 11AC40MIMO\_Ant2\_5230

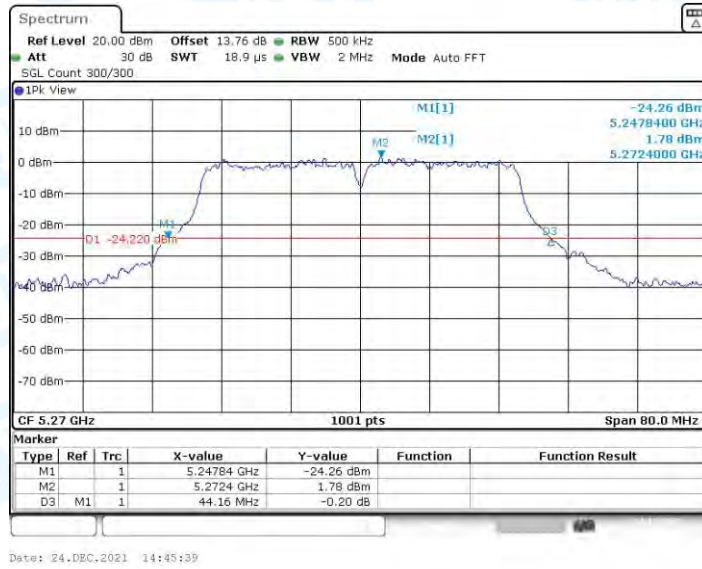


### 11AC40MIMO\_Ant3\_5230

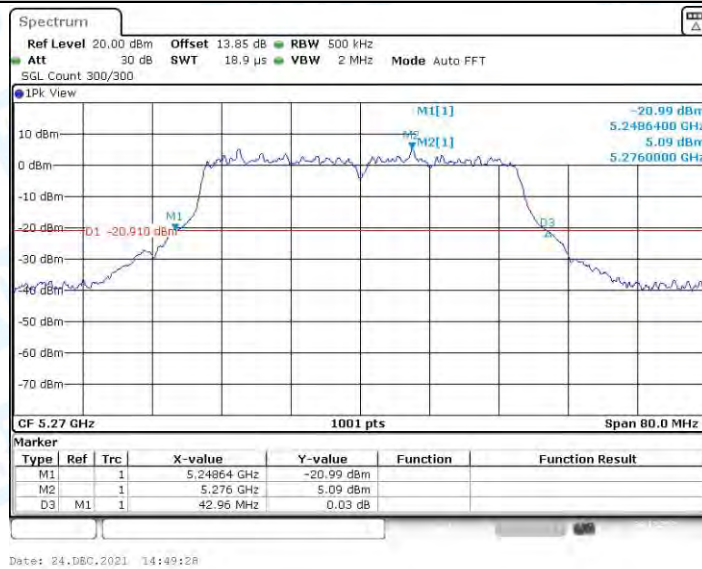




11AC40MIMO\_Ant1\_5270

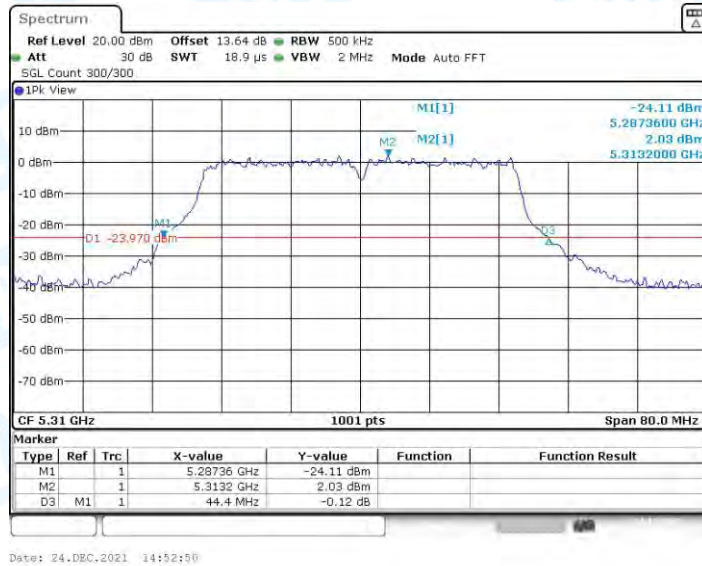


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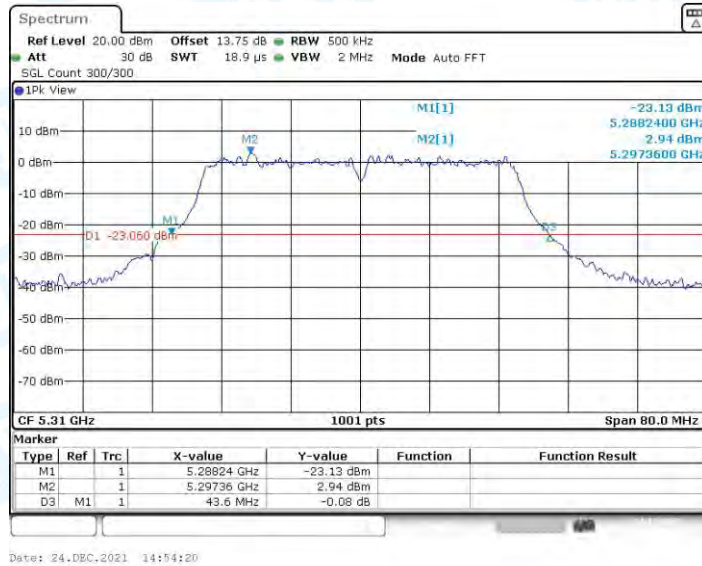


11AC40MIMO\_Ant3\_5270

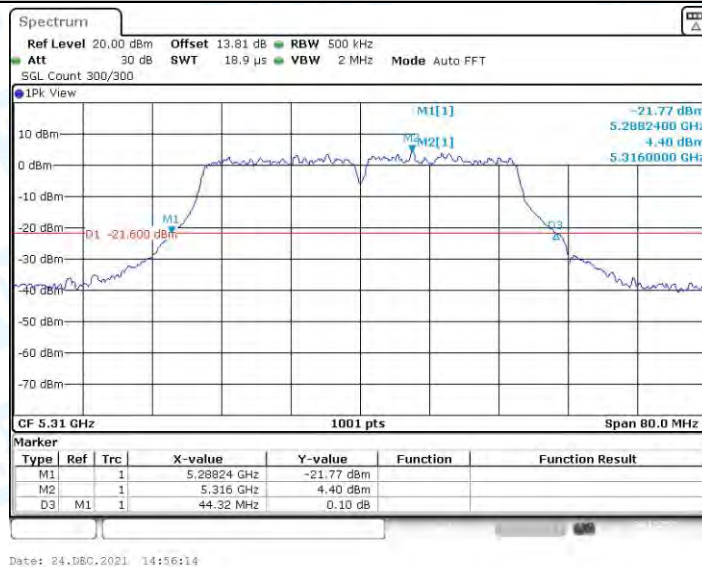




11AC40MIMO\_Ant1\_5310



11AC40MIMO\_Ant2\_5310

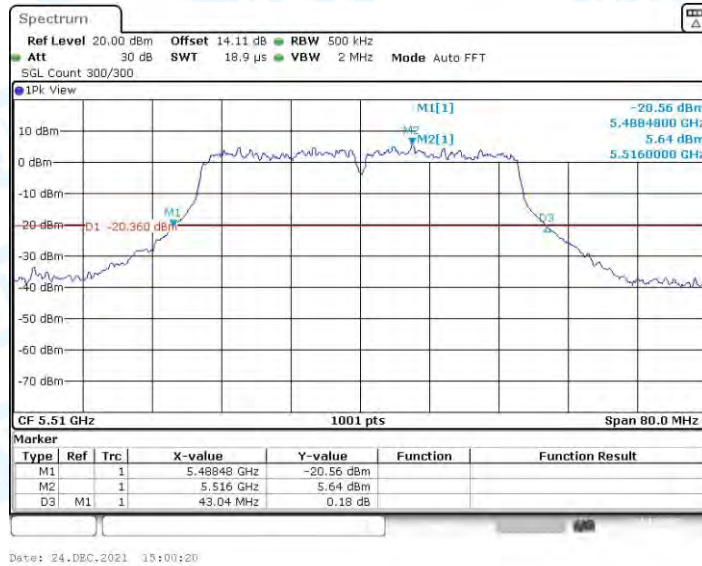


11AC40MIMO\_Ant3\_5310

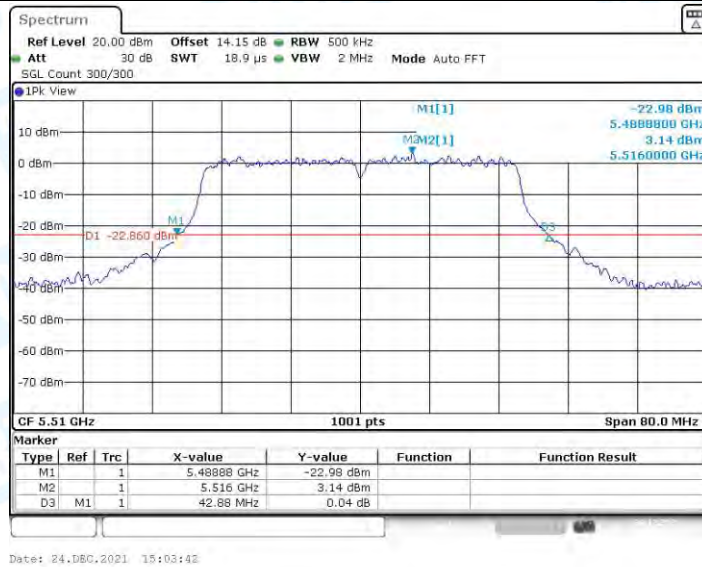




11AC40MIMO\_Ant1\_5510

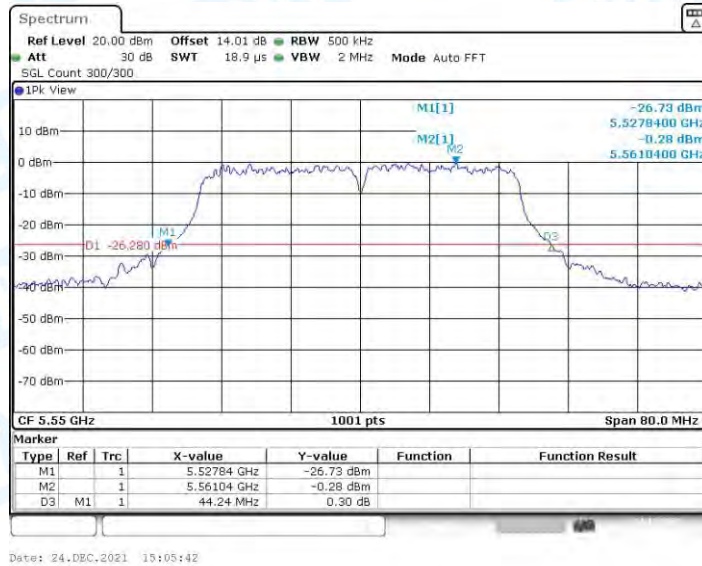


11AC40MIMO\_Ant2\_5510



11AC40MIMO\_Ant3\_5510

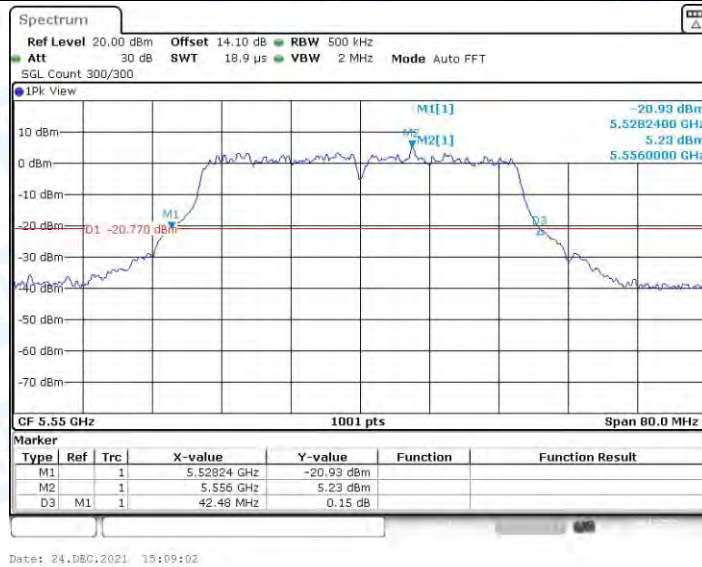




11AC40MIMO\_Ant1\_5550

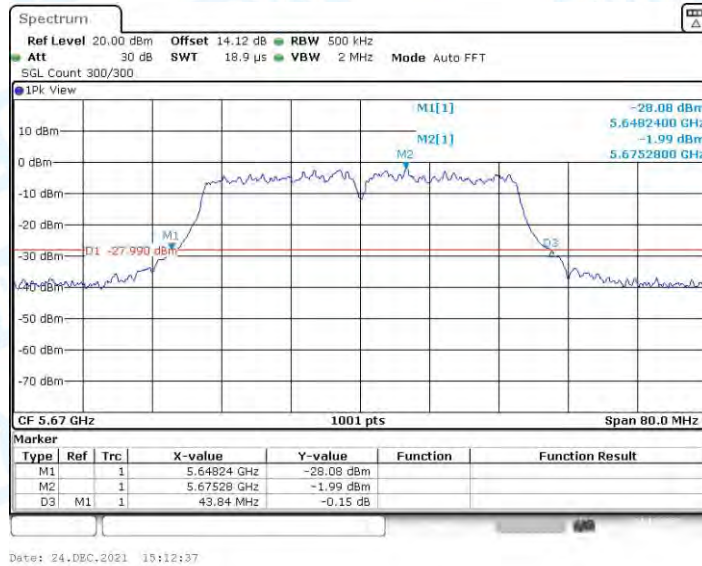


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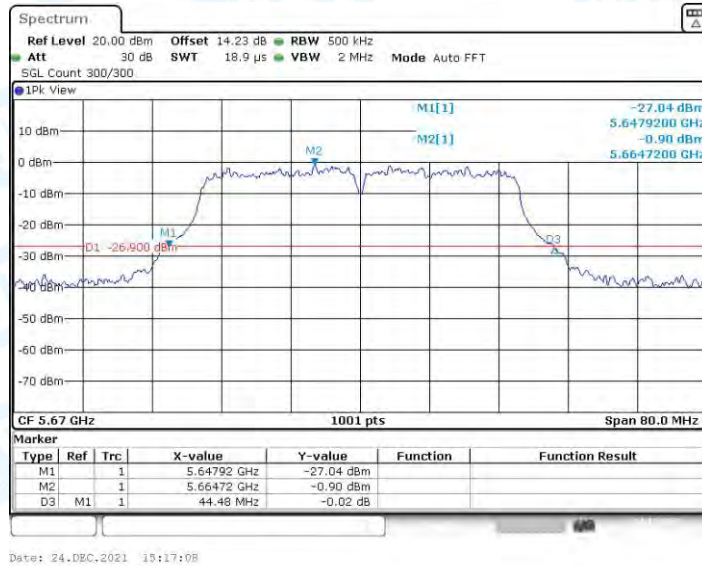


11AC40MIMO\_Ant3\_5550

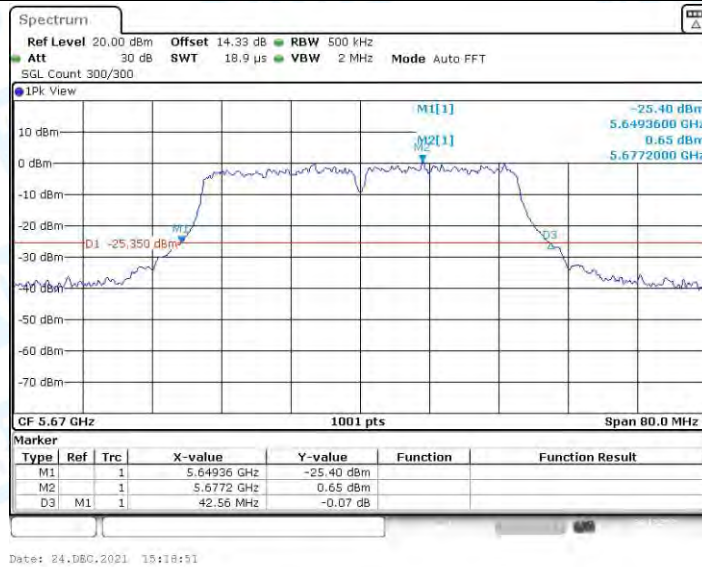




11AC40MIMO\_Ant1\_5670

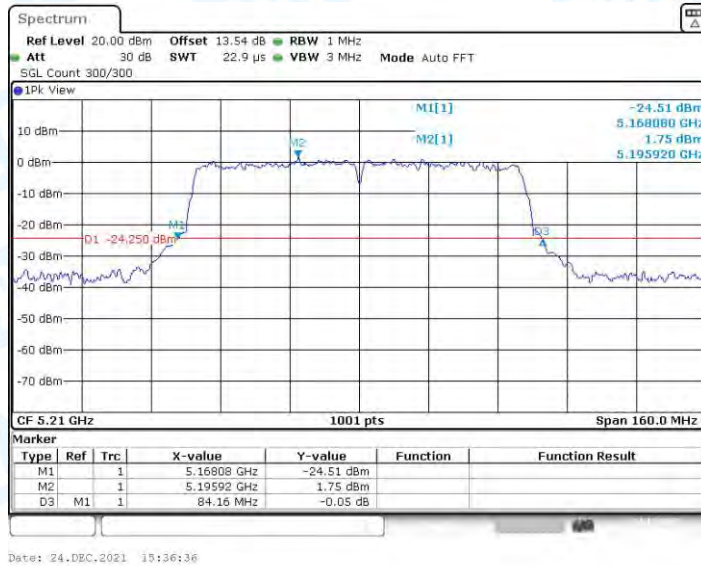


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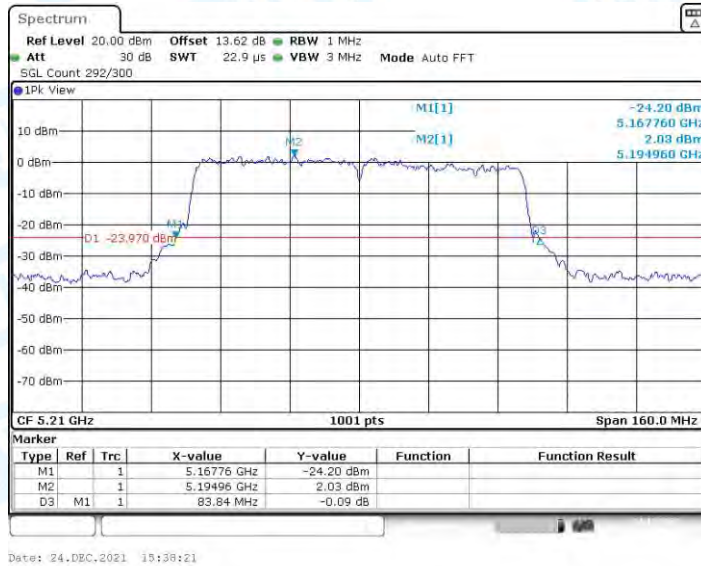


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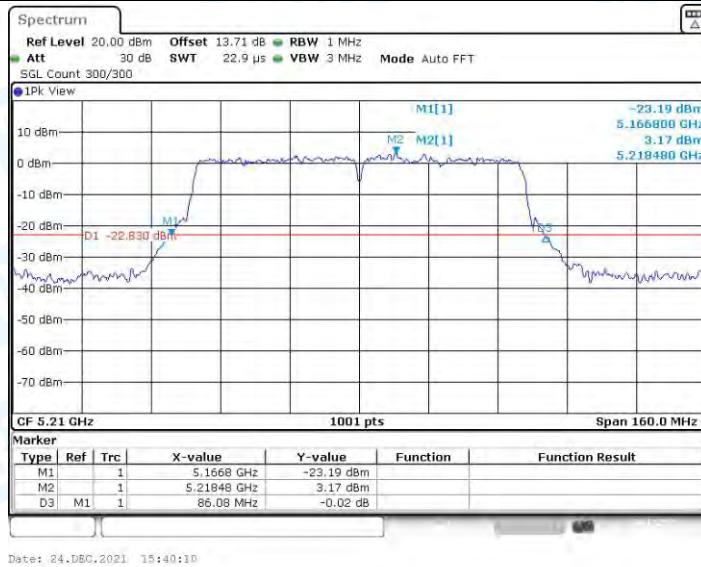




11AC80MIMO\_Ant1\_5210

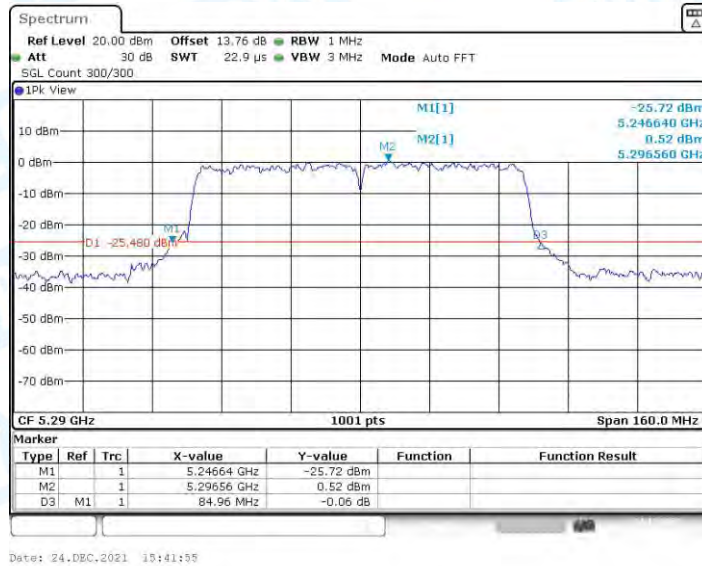


11AC80MIMO\_Ant2\_5210

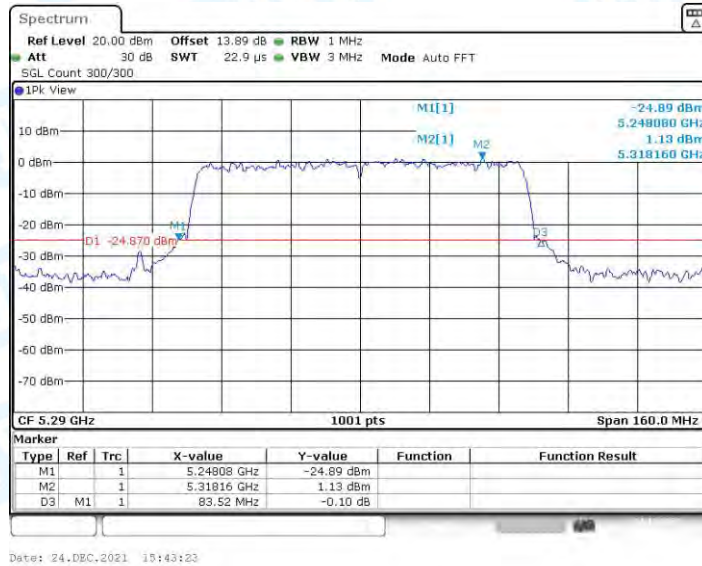


11AC80MIMO\_Ant3\_5210

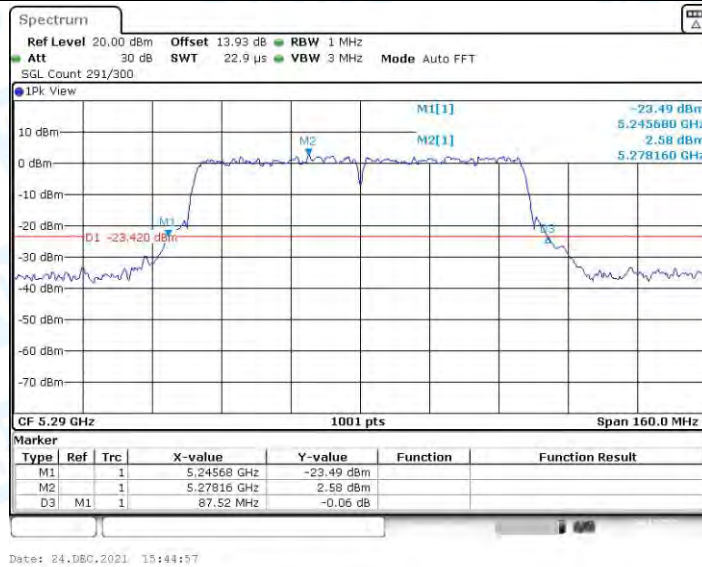




11AC80MIMO\_Ant1\_5290

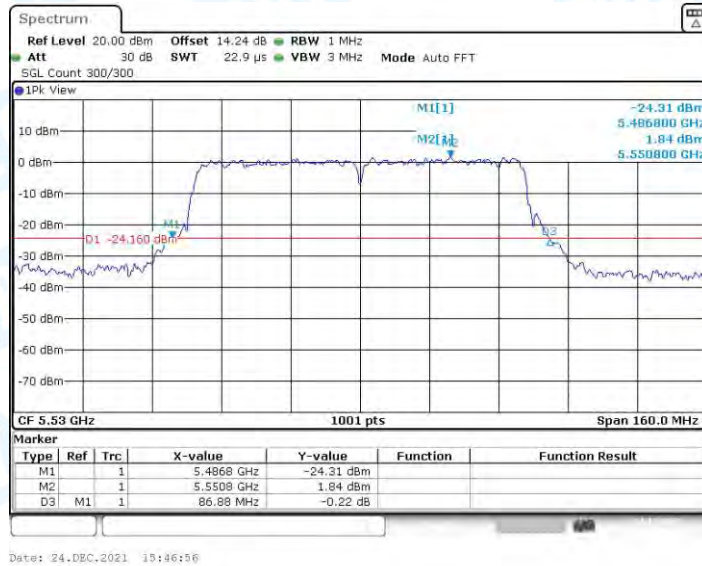


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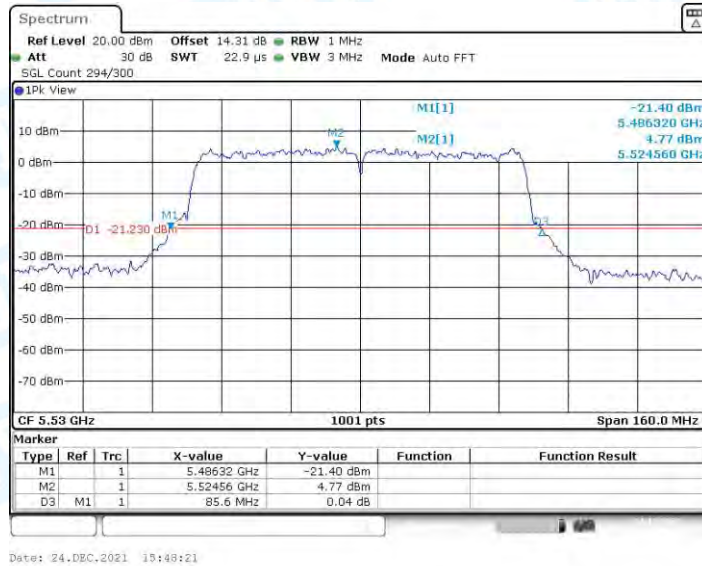


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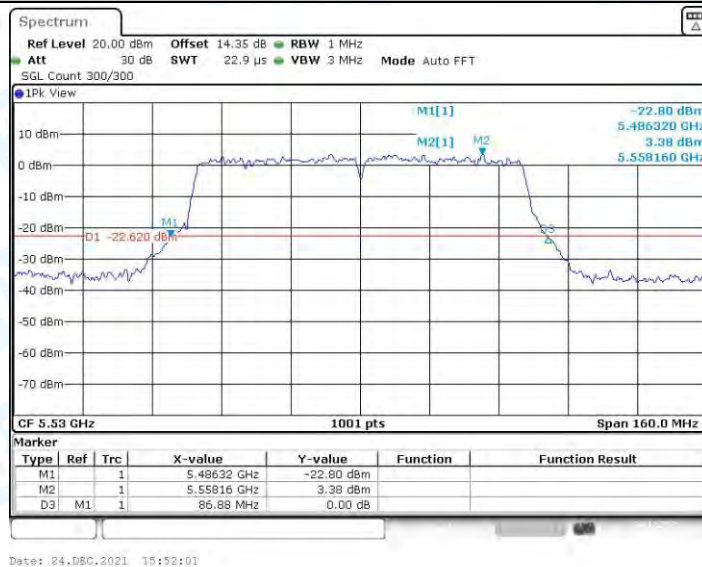




11AC80MIMO\_Ant1\_5530

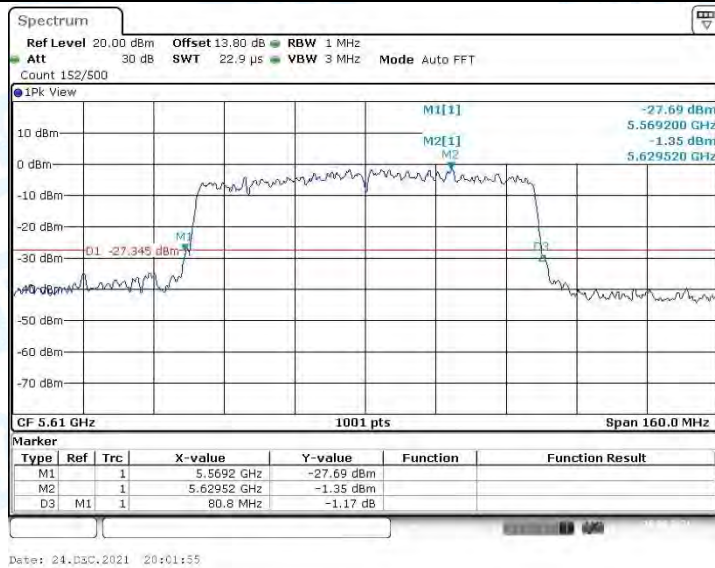


11AC80MIMO\_Ant2\_5530

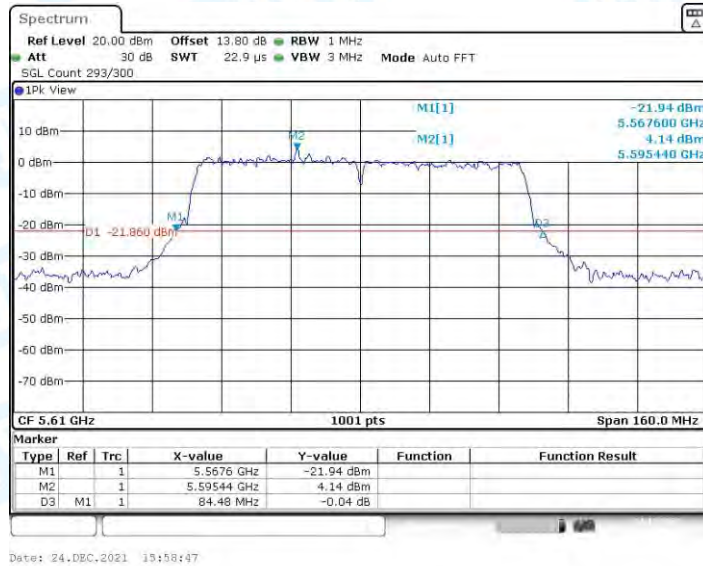


11AC80MIMO\_Ant3\_5530

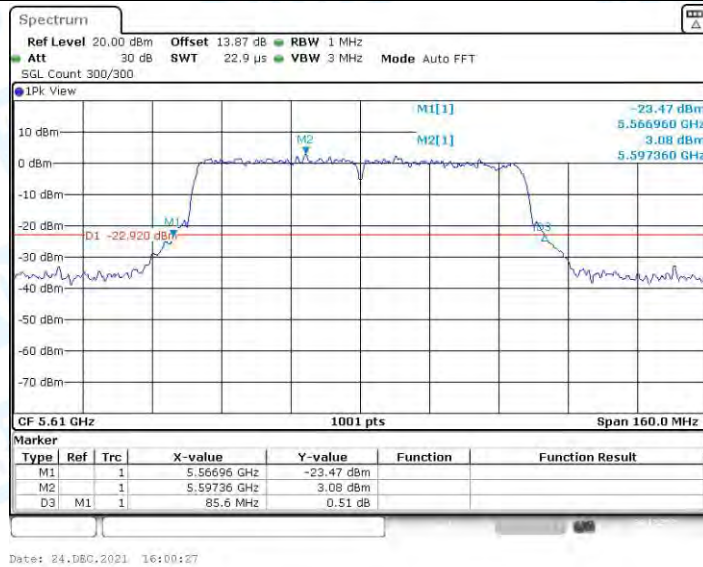




11AC80MIMO\_Ant1\_5610



11AC80MIMO\_Ant2\_5610



11AC80MIMO\_Ant3\_5610



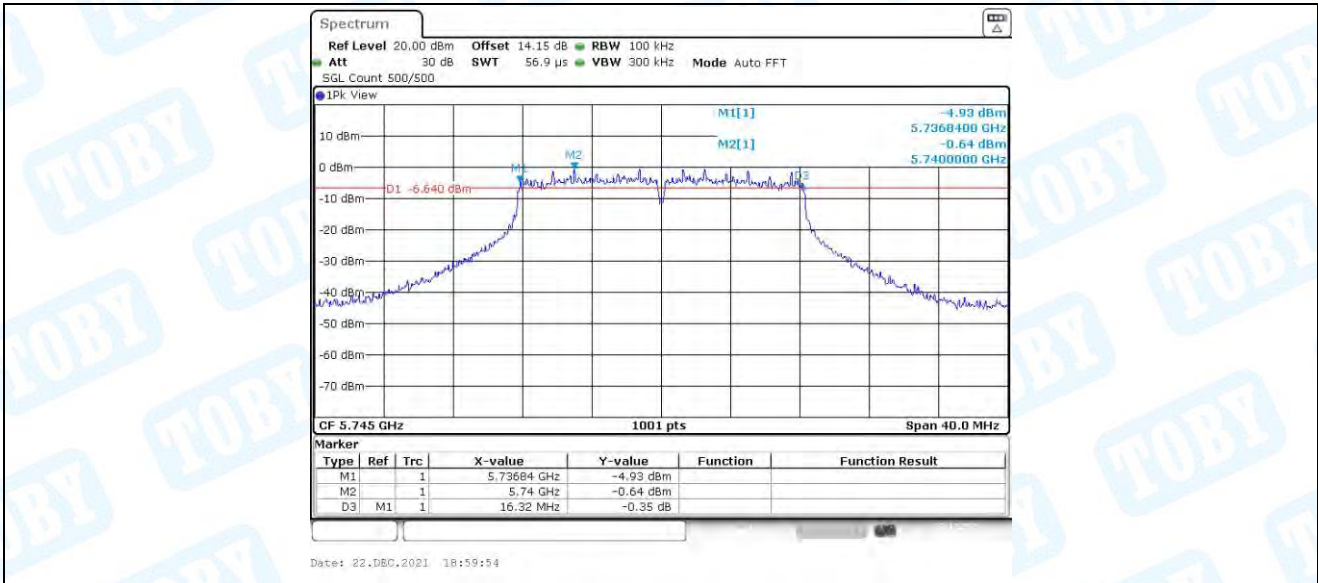
## 2. Min emission bandwidth

### 2.1. Test Result

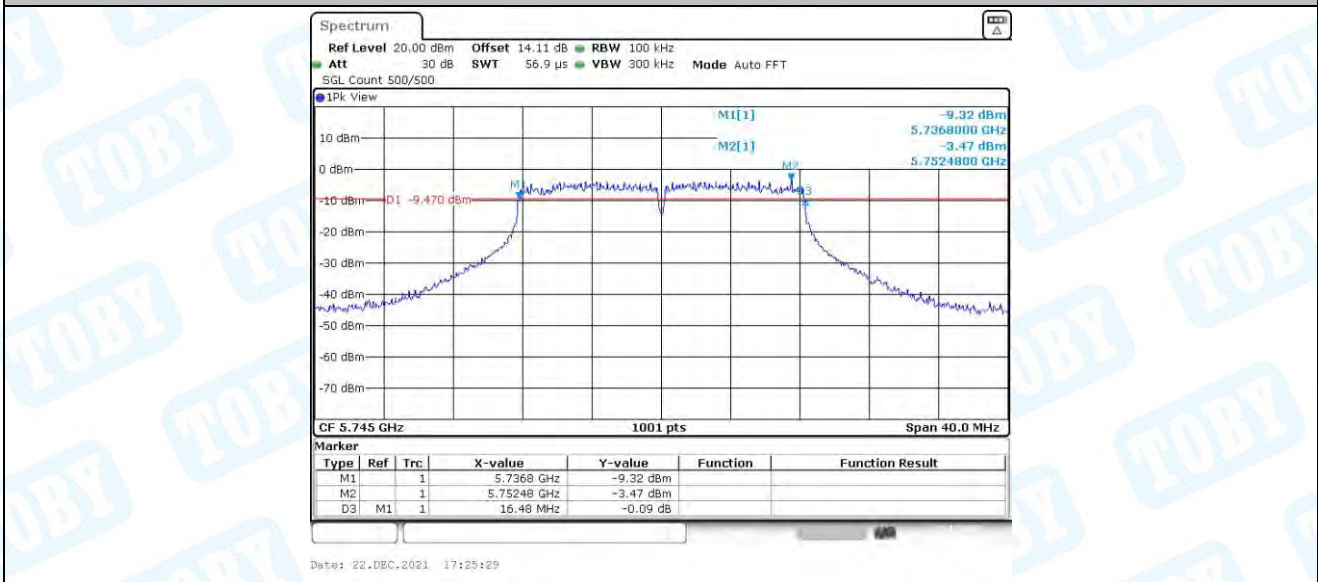
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
	Ant2	5745	16.48	5736.80	5753.28	0.5	PASS
	Ant3	5745	16.56	5736.72	5753.28	0.5	PASS
	Ant1	5785	16.40	5776.80	5793.20	0.5	PASS
	Ant2	5785	16.32	5776.84	5793.16	0.5	PASS
	Ant3	5785	16.32	5776.84	5793.16	0.5	PASS
	Ant1	5825	16.32	5816.84	5833.16	0.5	PASS
	Ant2	5825	16.36	5816.80	5833.16	0.5	PASS
	Ant3	5825	16.36	5816.80	5833.16	0.5	PASS
11N20MIMO	Ant1	5745	17.64	5736.16	5753.80	0.5	PASS
	Ant2	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant3	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.60	5776.20	5793.80	0.5	PASS
	Ant3	5785	17.60	5776.20	5793.80	0.5	PASS
	Ant1	5825	17.60	5816.20	5833.80	0.5	PASS
	Ant2	5825	17.60	5816.20	5833.80	0.5	PASS
	Ant3	5825	17.60	5816.20	5833.80	0.5	PASS
11N40MIMO	Ant1	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant2	5755	36.08	5737.08	5773.16	0.5	PASS
	Ant3	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	35.92	5777.24	5813.16	0.5	PASS
	Ant2	5795	36.32	5776.84	5813.16	0.5	PASS
	Ant3	5795	36.08	5776.84	5812.92	0.5	PASS
11AC20MIMO	Ant1	5745	17.64	5736.16	5753.80	0.5	PASS
	Ant2	5745	17.68	5736.16	5753.84	0.5	PASS
	Ant3	5745	17.64	5736.20	5753.84	0.5	PASS
	Ant1	5785	17.68	5776.16	5793.84	0.5	PASS
	Ant2	5785	17.64	5776.16	5793.80	0.5	PASS
	Ant3	5785	17.68	5776.16	5793.84	0.5	PASS
	Ant1	5825	17.72	5816.12	5833.84	0.5	PASS
	Ant2	5825	17.72	5816.12	5833.84	0.5	PASS
	Ant3	5825	17.64	5816.16	5833.80	0.5	PASS
11AC40MIMO	Ant1	5755	35.36	5737.16	5772.52	0.5	PASS
	Ant2	5755	35.60	5737.16	5772.76	0.5	PASS
	Ant3	5755	35.60	5737.16	5772.76	0.5	PASS
	Ant1	5795	36.40	5776.84	5813.24	0.5	PASS
	Ant2	5795	35.20	5777.40	5812.60	0.5	PASS
	Ant3	5795	35.44	5777.16	5812.60	0.5	PASS
11AC80MIMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant3	5775	75.20	5737.40	5812.60	0.5	PASS



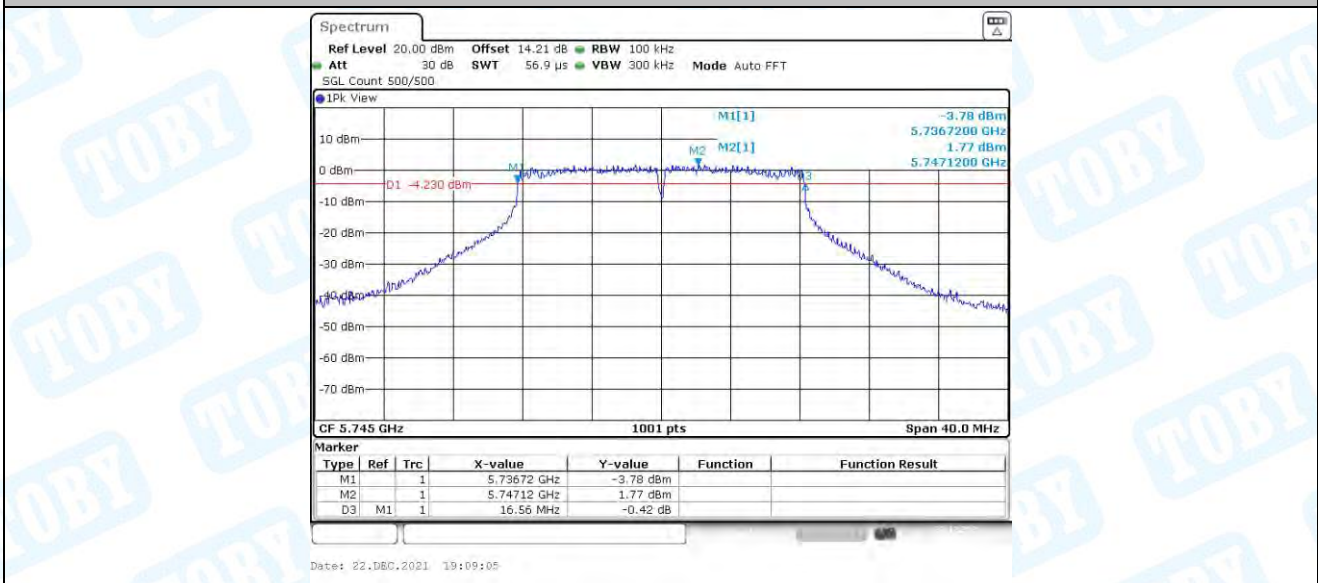
## 2.2. Test Graphs



11A\_Ant1\_5745

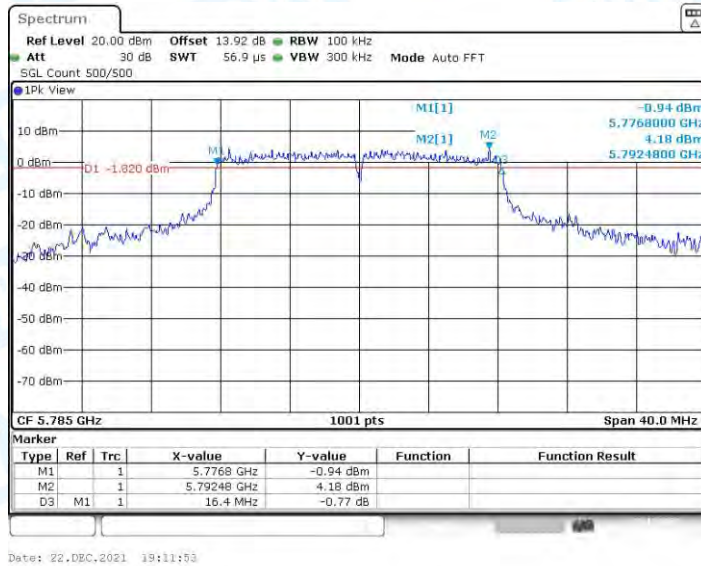


11A\_Ant2\_5745

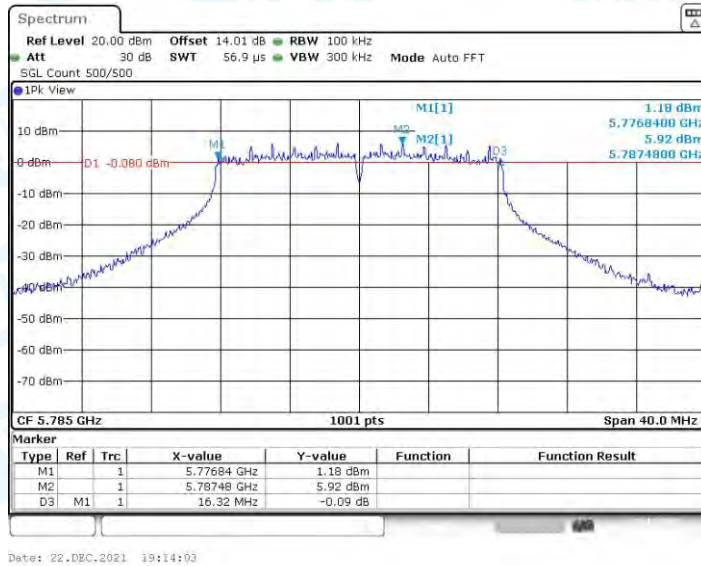


11A\_Ant3\_5745

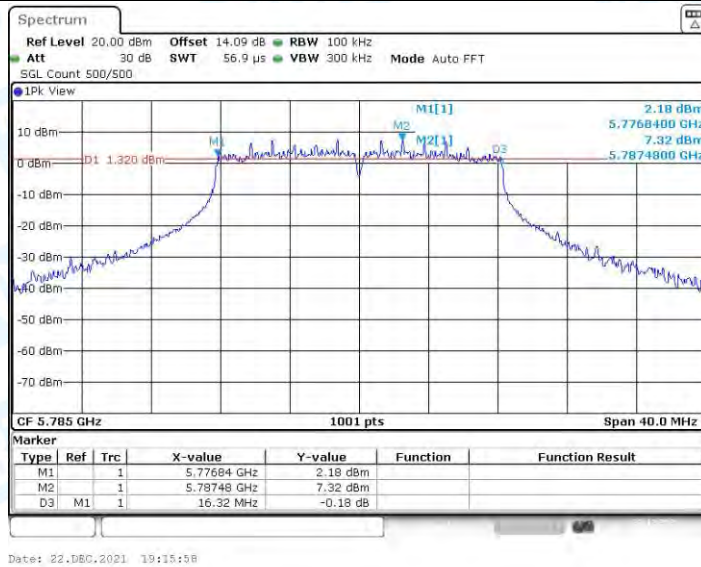




11A\_Ant1\_5785

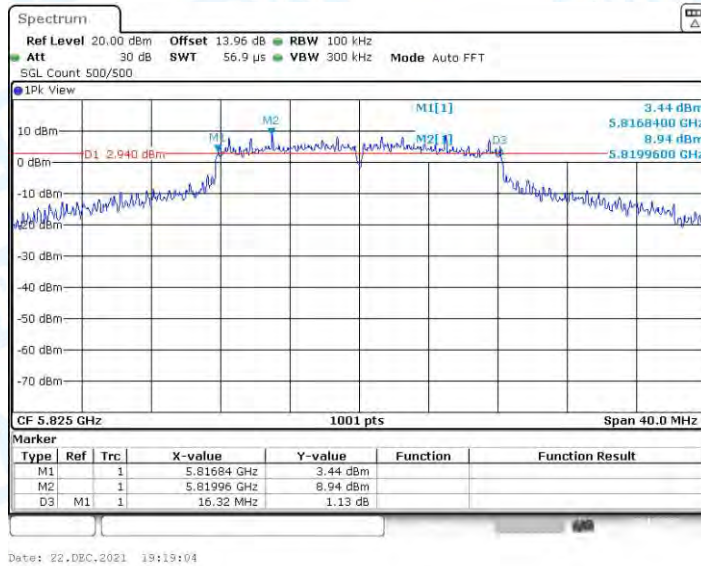


11A\_Ant2\_5785

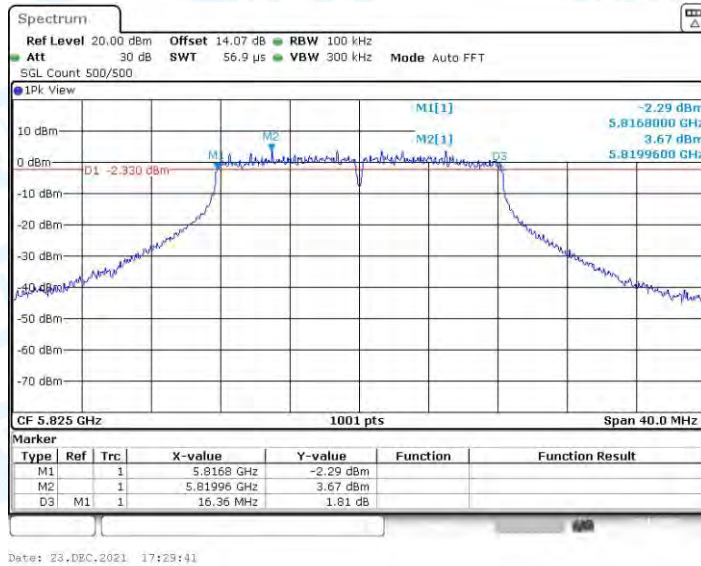


11A\_Ant3\_5785

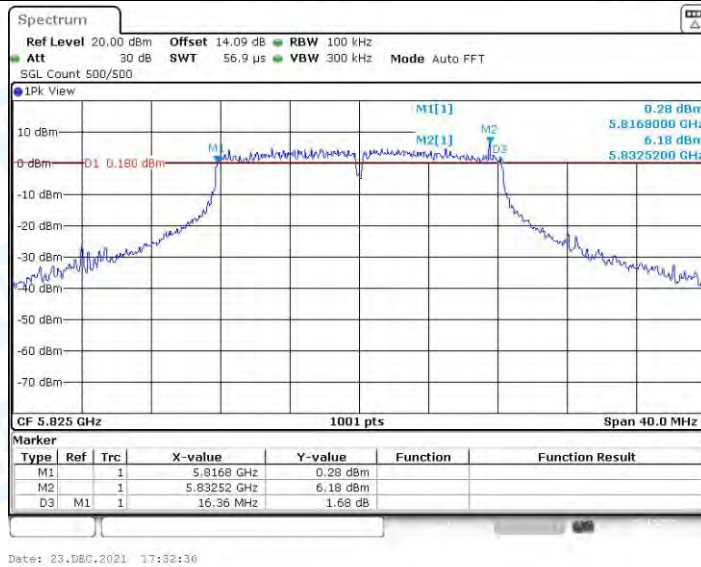




11A\_Ant1\_5825

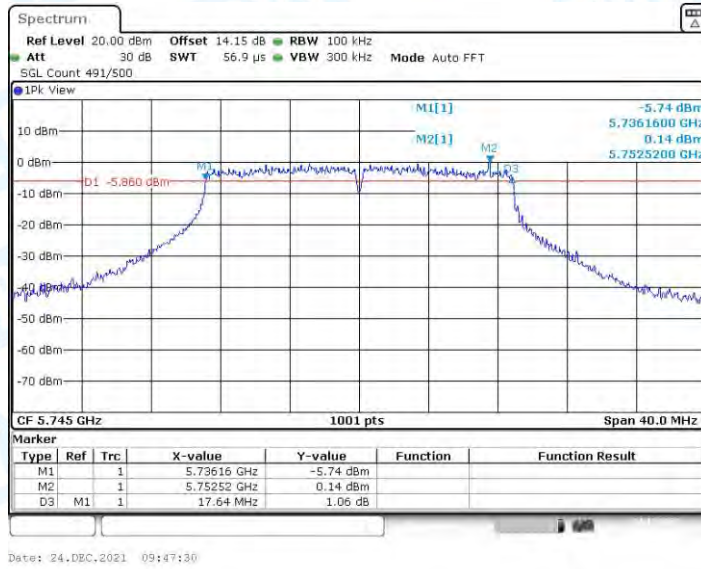


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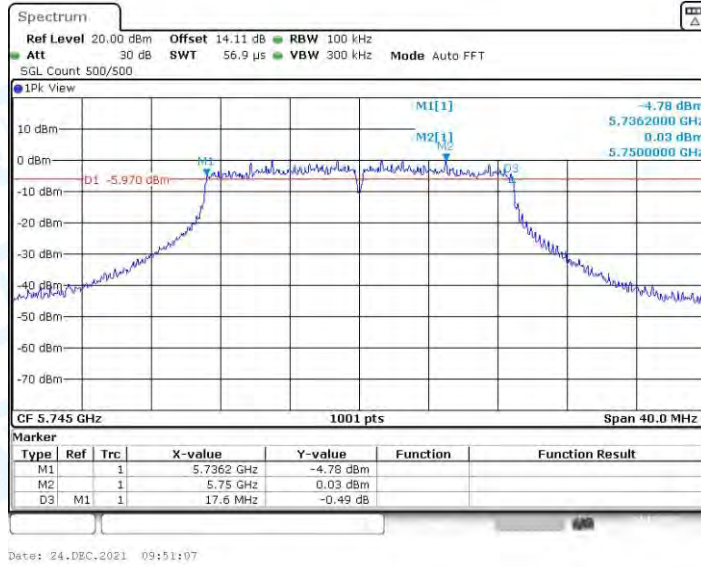


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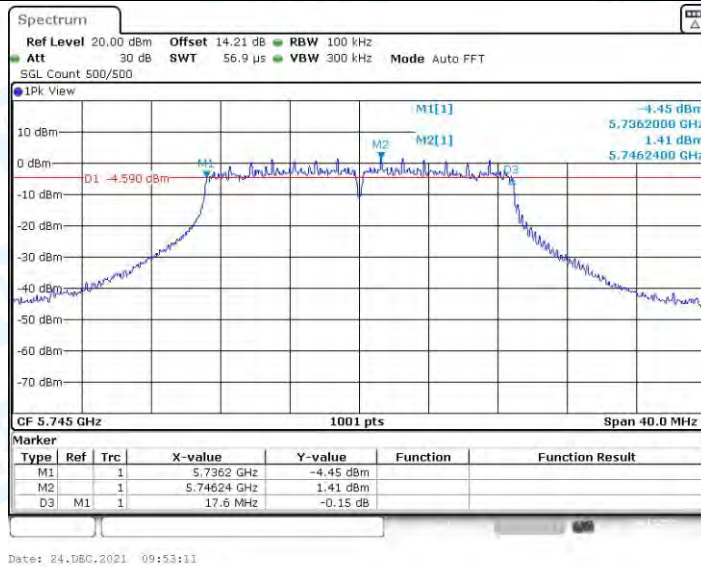




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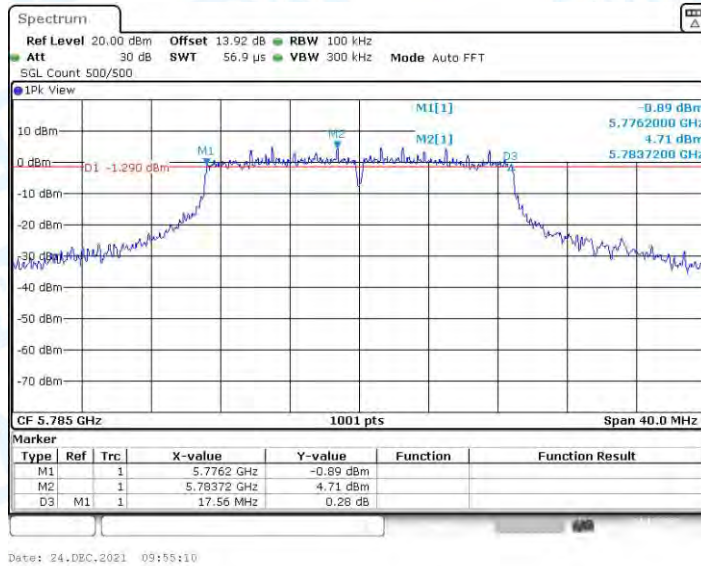


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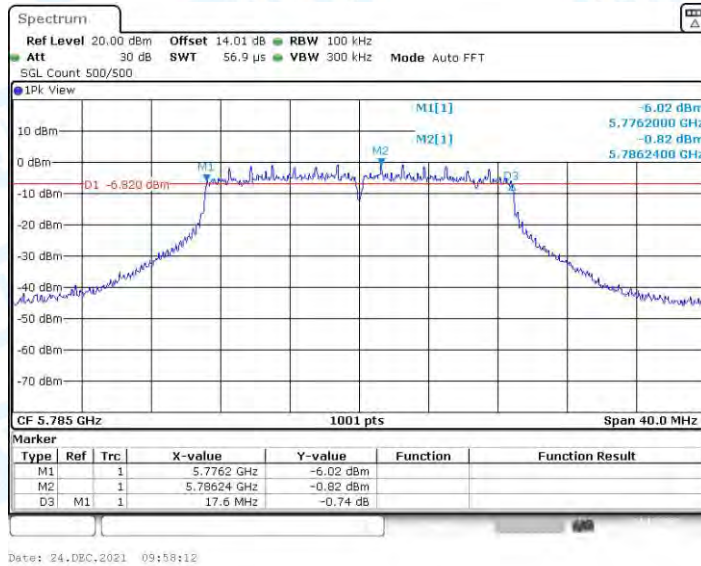


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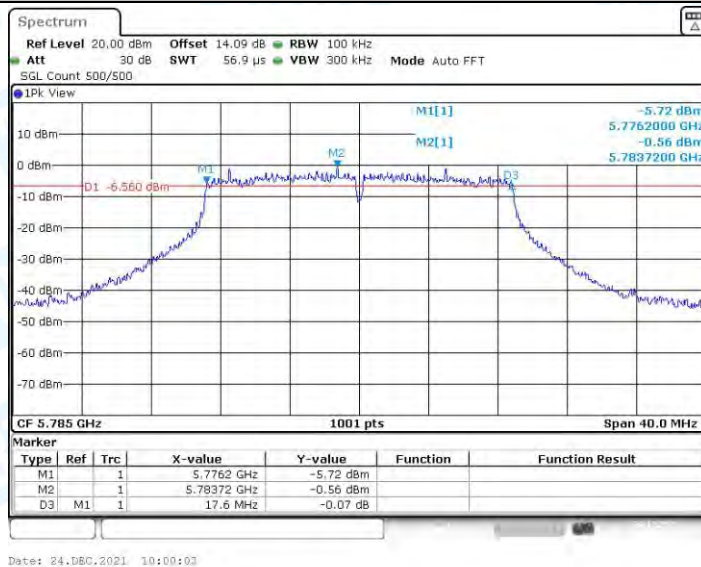




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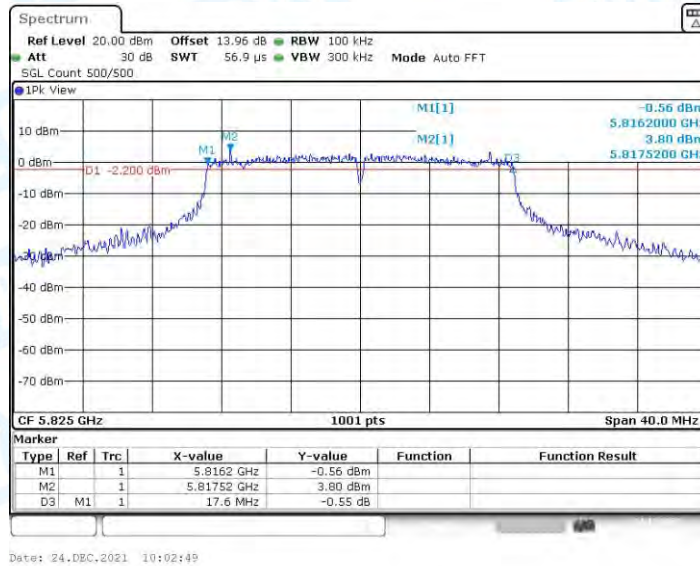


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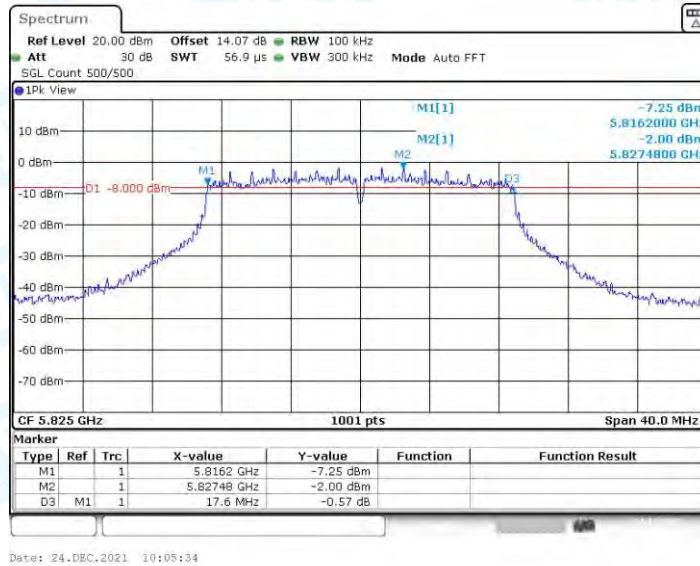


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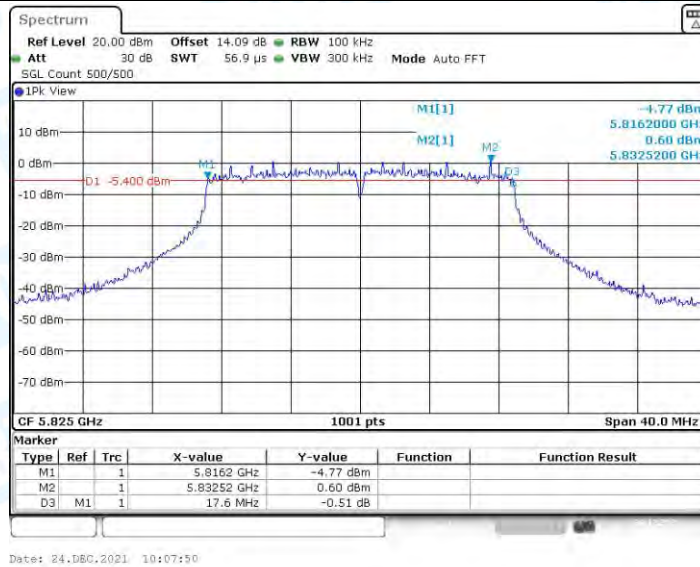




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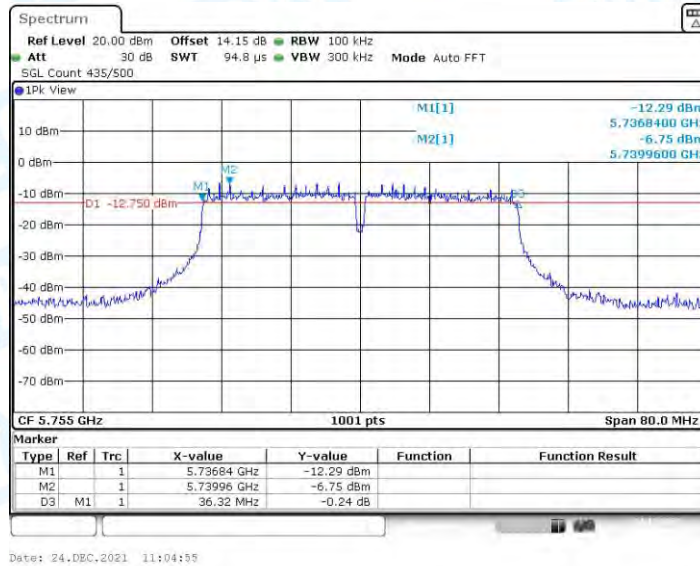


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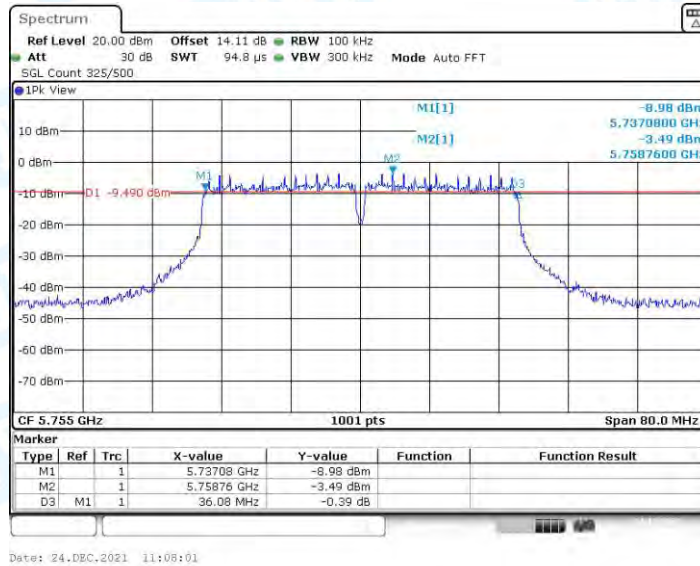


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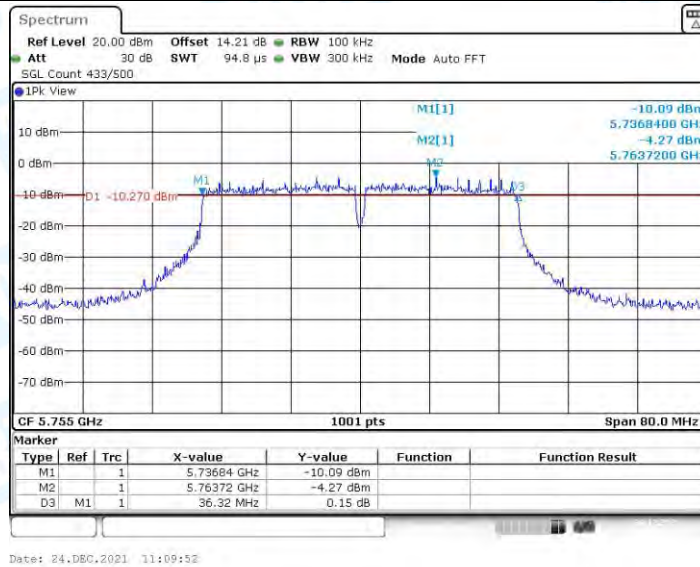




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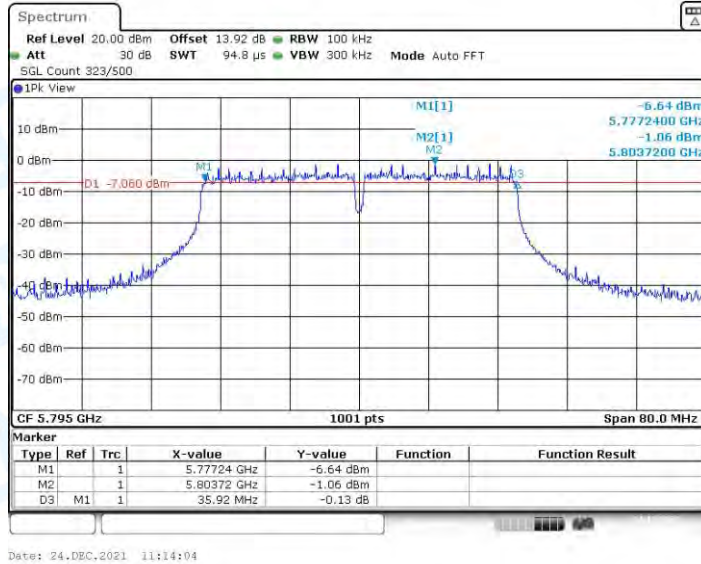


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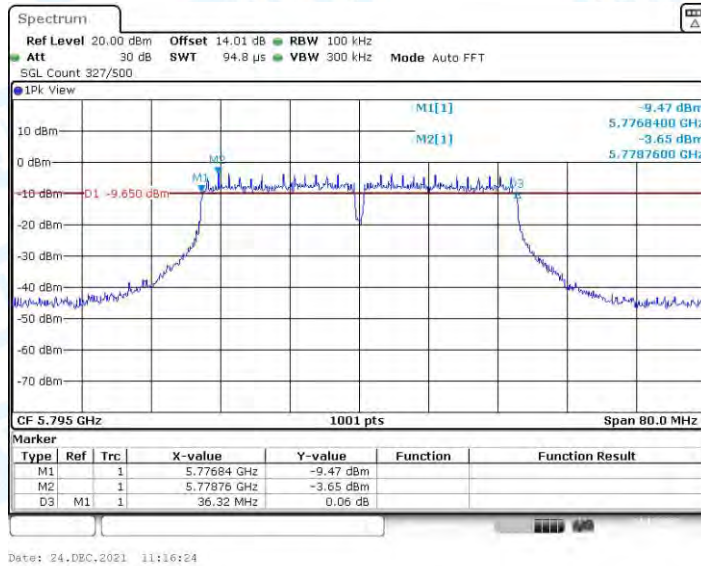


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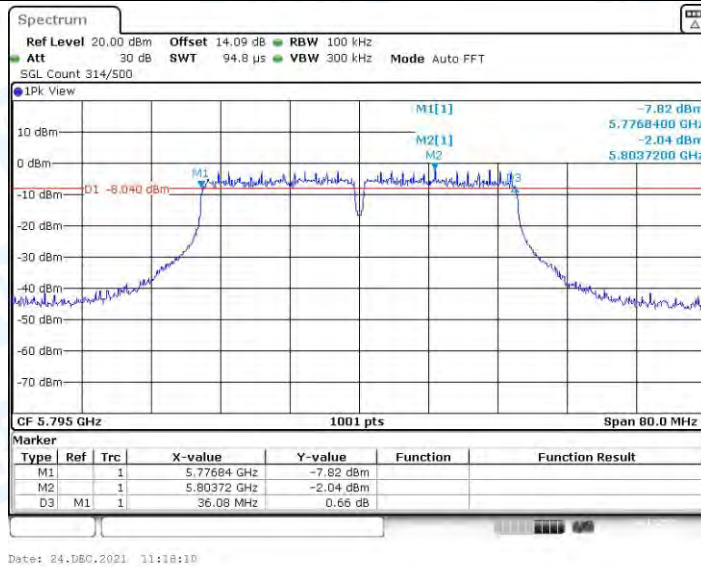




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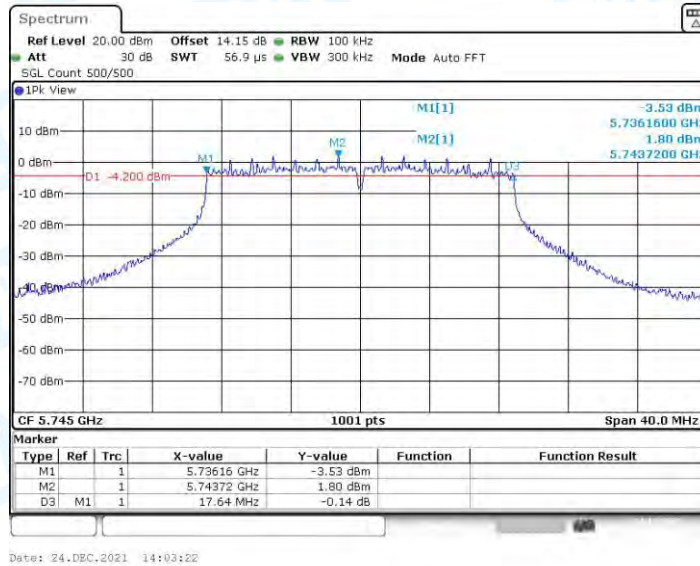


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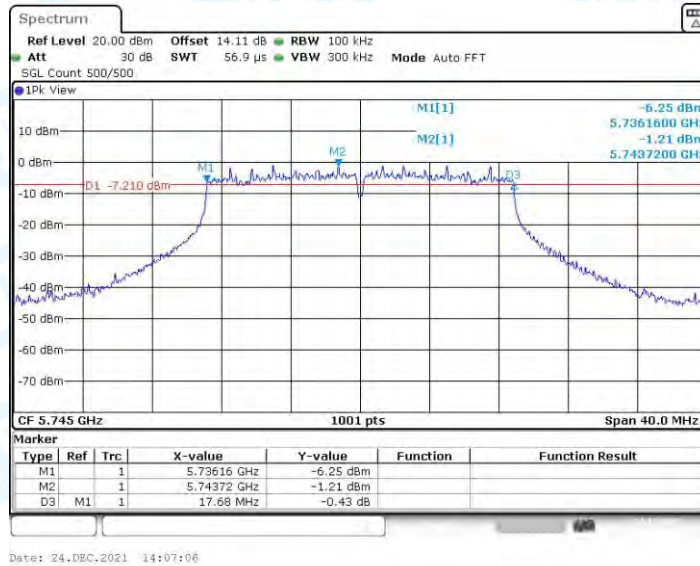


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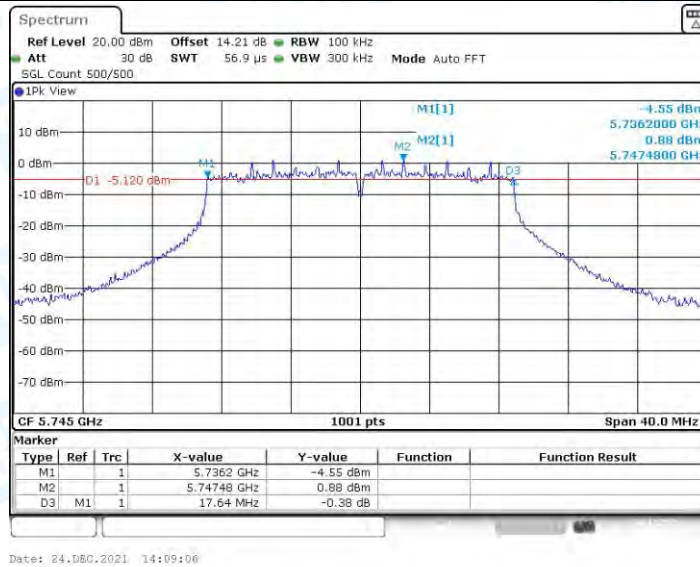




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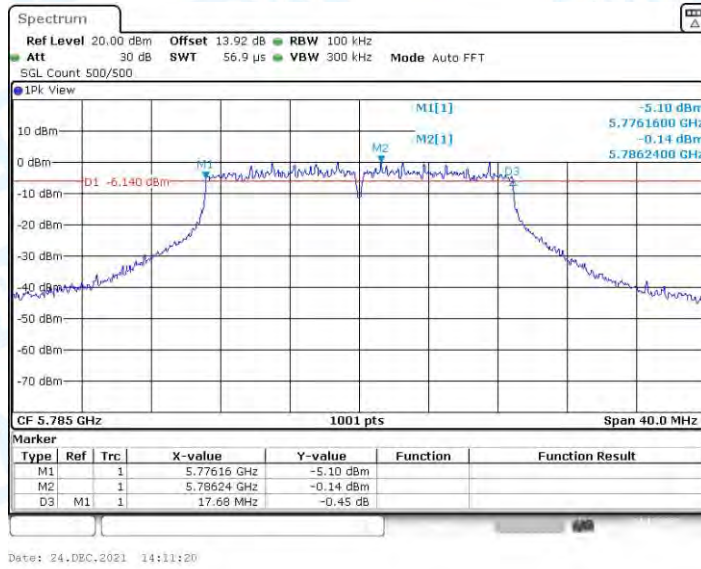


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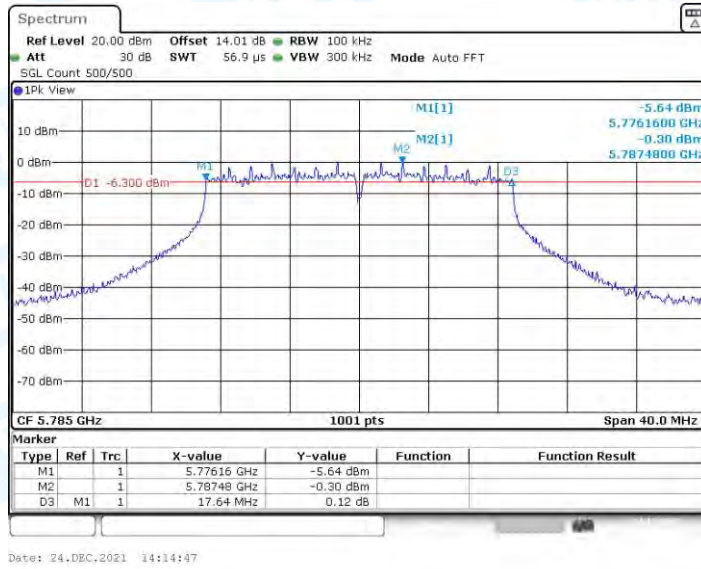


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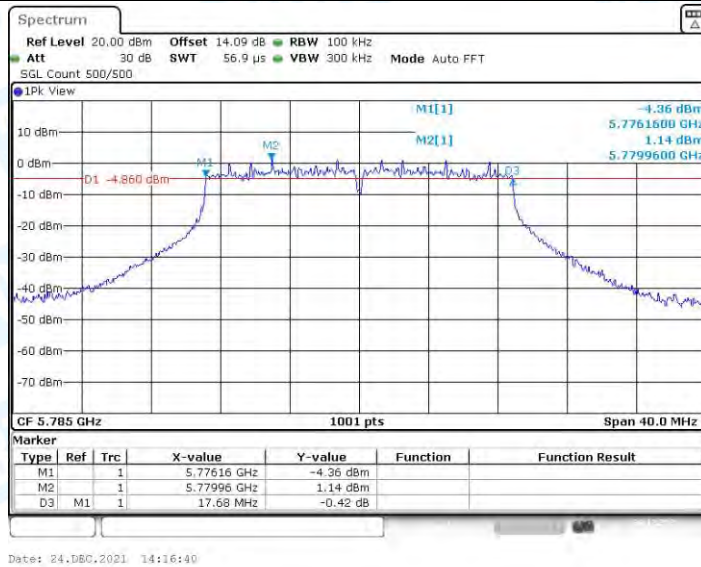




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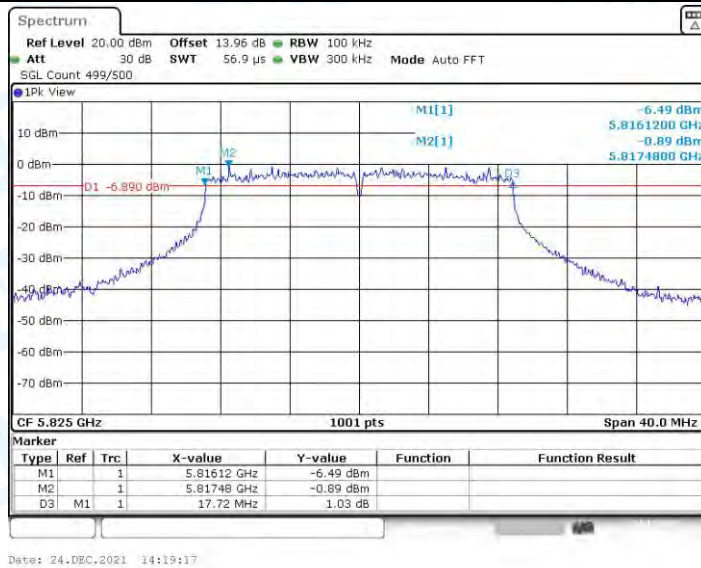


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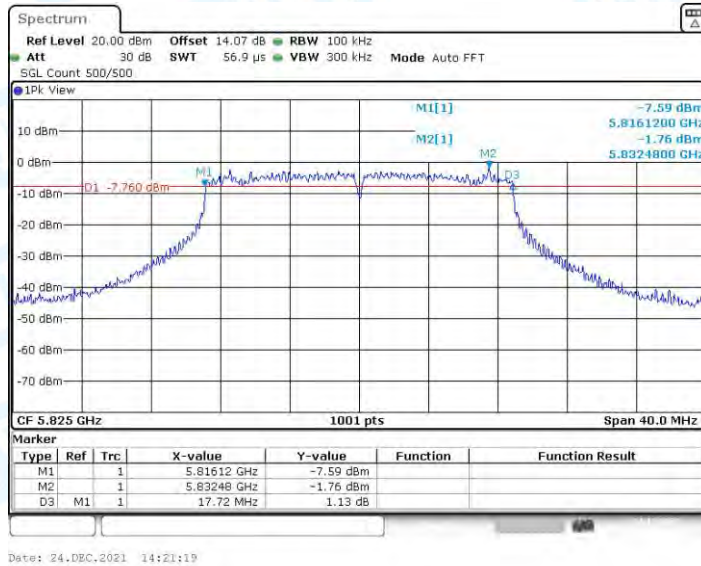


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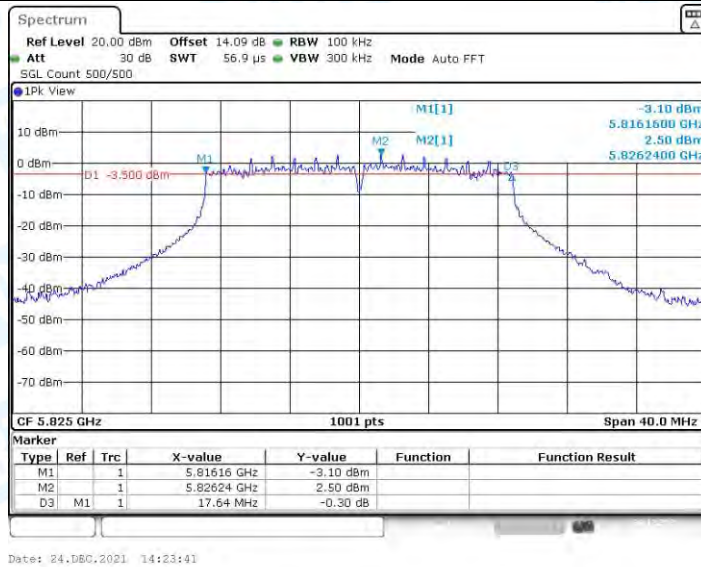




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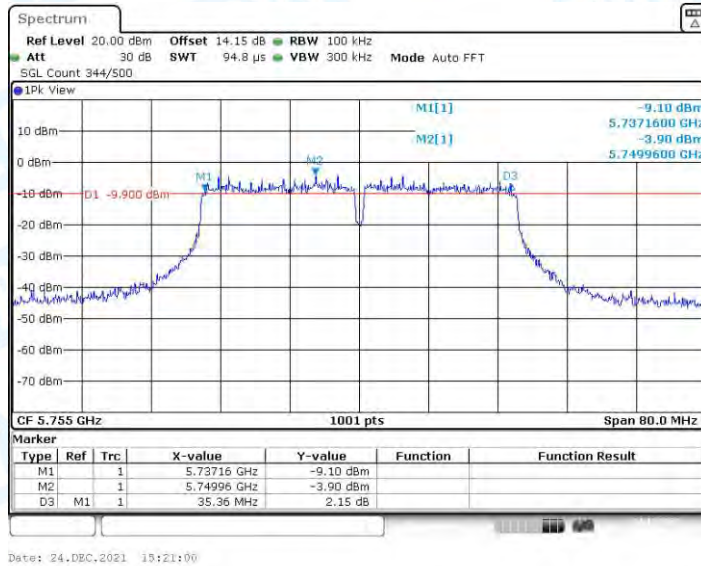


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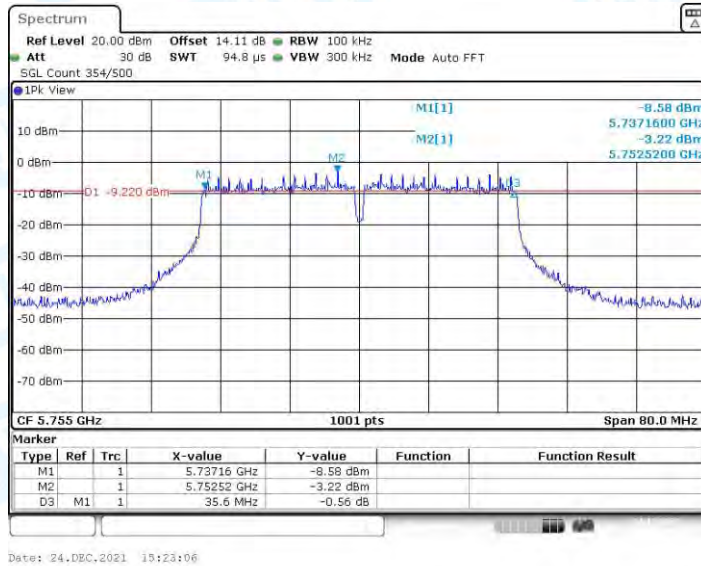


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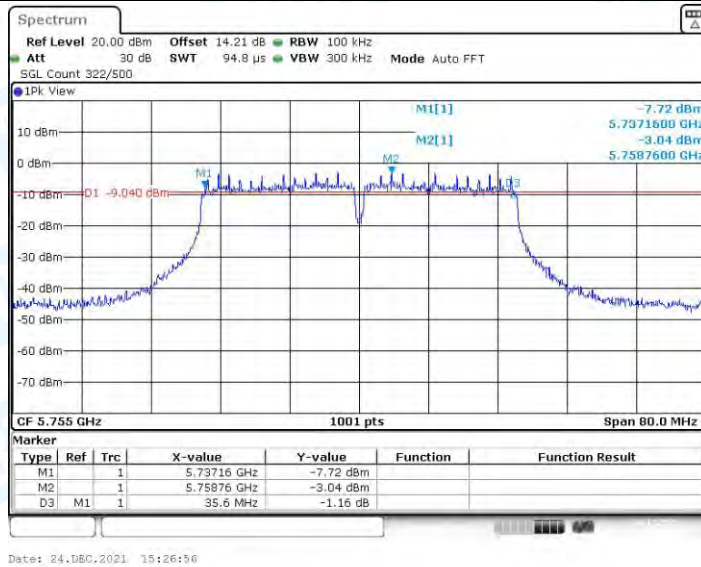




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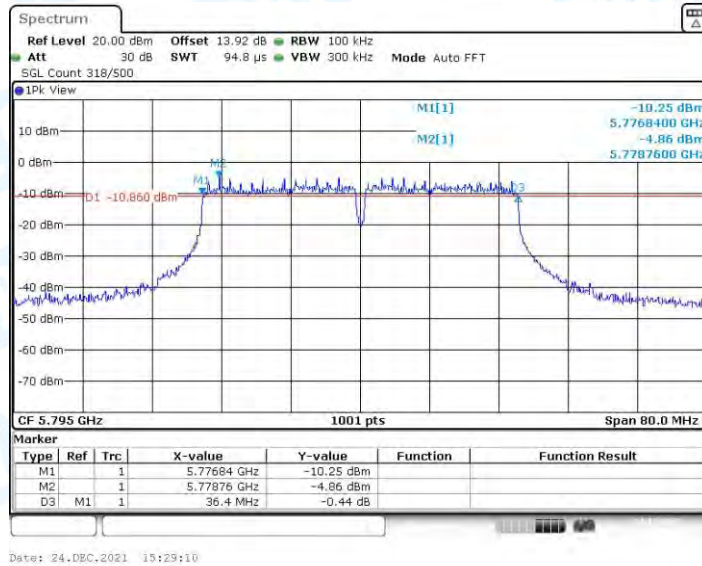


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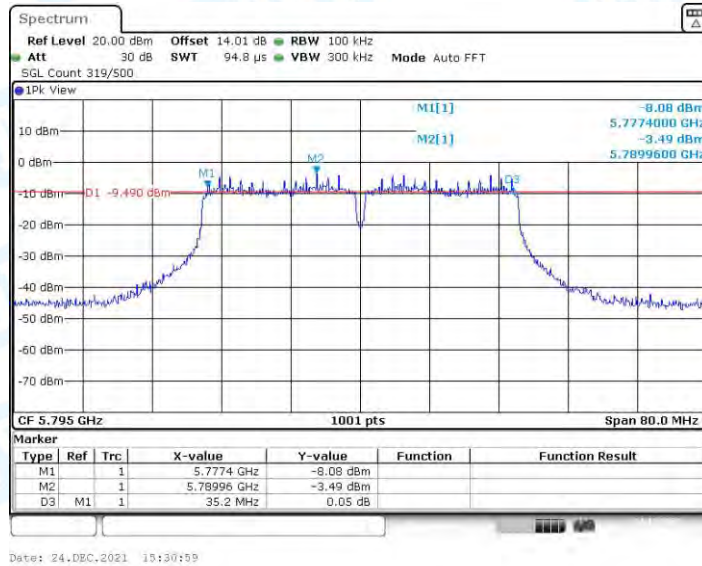


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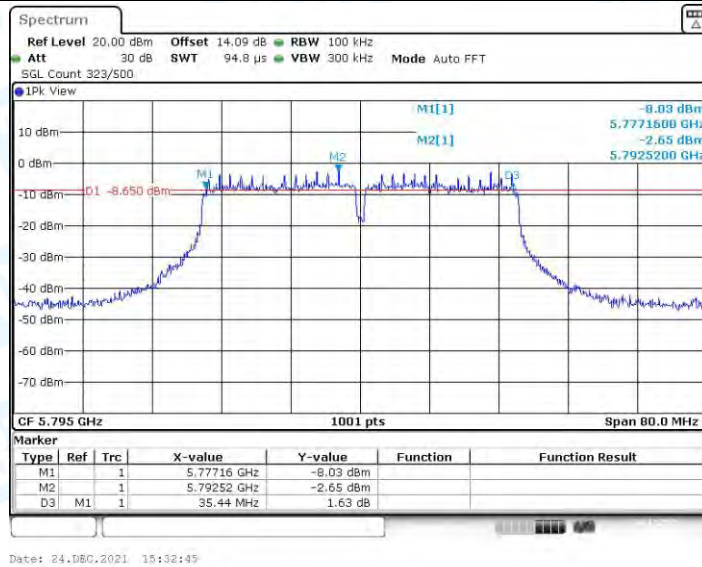




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11AC40MIMO\_Ant2\_5795



11AC40MIMO\_Ant3\_5795