

## Appendix A1: Emission Bandwidth

### Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	Limit[MHz]	Verdict
11A-CDD	Ant0	5180	19.88	---	---
	Ant1	5180	20.12	---	---
	Ant2	5180	19.84	---	---
	Ant3	5180	19.92	---	---
	Ant0	5200	20.32	---	---
	Ant1	5200	20.20	---	---
	Ant2	5200	20.32	---	---
	Ant3	5200	20.48	---	---
	Ant0	5240	20.36	---	---
	Ant1	5240	20.24	---	---
	Ant2	5240	19.60	---	---
	Ant3	5240	19.92	---	---
	Ant0	5260	20.08	---	---
	Ant1	5260	20.16	---	---
	Ant2	5260	20.52	---	---
	Ant3	5260	19.72	---	---
	Ant0	5280	20.40	---	---
	Ant1	5280	19.88	---	---
	Ant2	5280	19.84	---	---
	Ant3	5280	19.88	---	---
	Ant0	5320	19.92	---	---
	Ant1	5320	20.04	---	---
	Ant2	5320	19.88	---	---
	Ant3	5320	19.92	---	---
	Ant0	5500	20.44	---	---
	Ant1	5500	20.56	---	---
	Ant2	5500	19.68	---	---
	Ant3	5500	20.00	---	---
	Ant0	5580	20.48	---	---
	Ant1	5580	20.40	---	---
	Ant2	5580	20.16	---	---
	Ant3	5580	19.96	---	---
11AC20MIMO	Ant0	5700	20.44	---	---
	Ant1	5700	20.24	---	---
	Ant2	5700	20.20	---	---
	Ant3	5700	19.96	---	---
	Ant0	5180	21.20	---	---
	Ant1	5180	20.92	---	---
	Ant2	5180	21.12	---	---
	Ant3	5180	21.28	---	---
	Ant0	5200	21.48	---	---
	Ant1	5200	21.00	---	---
	Ant2	5200	20.96	---	---
	Ant3	5200	21.28	---	---
	Ant0	5240	21.12	---	---
	Ant1	5240	21.16	---	---
	Ant2	5240	21.08	---	---
	Ant3	5240	21.64	---	---
	Ant0	5260	20.92	---	---
	Ant1	5260	20.96	---	---
	Ant2	5260	21.24	---	---
	Ant3	5260	21.24	---	---
	Ant0	5280	21.48	---	---
	Ant1	5280	21.04	---	---
	Ant2	5280	20.68	---	---
	Ant3	5280	21.12	---	---
	Ant0	5320	21.40	---	---
	Ant1	5320	20.96	---	---
	Ant2	5320	21.04	---	---

	Ant3	5320	21.28	---	---
	Ant0	5500	21.40	---	---
	Ant1	5500	21.04	---	---
	Ant2	5500	21.16	---	---
	Ant3	5500	20.80	---	---
	Ant0	5580	21.12	---	---
	Ant1	5580	21.28	---	---
	Ant2	5580	21.40	---	---
	Ant3	5580	21.40	---	---
	Ant0	5700	21.76	---	---
	Ant1	5700	21.20	---	---
	Ant2	5700	21.32	---	---
	Ant3	5700	21.12	---	---
11AC40MIMO	Ant0	5190	40.00	---	---
	Ant1	5190	40.08	---	---
	Ant2	5190	40.40	---	---
	Ant3	5190	40.00	---	---
	Ant0	5230	40.00	---	---
	Ant1	5230	40.16	---	---
	Ant2	5230	39.68	---	---
	Ant3	5230	40.00	---	---
	Ant0	5270	39.84	---	---
	Ant1	5270	40.16	---	---
	Ant2	5270	39.84	---	---
	Ant3	5270	40.08	---	---
	Ant0	5310	39.68	---	---
	Ant1	5310	40.00	---	---
	Ant2	5310	39.76	---	---
	Ant3	5310	40.00	---	---
	Ant0	5510	39.76	---	---
	Ant1	5510	40.32	---	---
	Ant2	5510	39.84	---	---
	Ant3	5510	39.84	---	---
	Ant0	5550	39.60	---	---
	Ant1	5550	40.32	---	---
	Ant2	5550	39.76	---	---
	Ant3	5550	40.00	---	---
	Ant0	5670	39.60	---	---
	Ant1	5670	40.08	---	---
	Ant2	5670	39.68	---	---
	Ant3	5670	39.84	---	---
11AC80MIMO	Ant0	5210	82.72	---	---
	Ant1	5210	82.88	---	---
	Ant2	5210	82.40	---	---
	Ant3	5210	82.56	---	---
	Ant0	5290	82.08	---	---
	Ant1	5290	82.88	---	---
	Ant2	5290	81.92	---	---
	Ant3	5290	83.04	---	---
	Ant0	5530	81.76	---	---
	Ant1	5530	82.24	---	---
	Ant2	5530	81.92	---	---
	Ant3	5530	82.72	---	---
	Ant0	5610	81.60	---	---
	Ant1	5610	82.40	---	---
	Ant2	5610	82.24	---	---
	Ant3	5610	81.92	---	---
11AC160MIMO	Ant0	5250	164.48	---	---
	Ant1	5250	164.80	---	---
	Ant2	5250	164.16	---	---
	Ant3	5250	164.80	---	---
	Ant0	5570	164.16	---	---
	Ant1	5570	165.44	---	---
	Ant2	5570	164.48	---	---
	Ant3	5570	165.12	---	---
11AX20MIMO	Ant0	5180	21.68	---	---

	Ant1	5180	22.28	---	---
	Ant2	5180	21.64	---	---
	Ant3	5180	21.64	---	---
	Ant0	5200	22.16	---	---
	Ant1	5200	21.64	---	---
	Ant2	5200	21.80	---	---
	Ant3	5200	22.12	---	---
	Ant0	5240	22.08	---	---
	Ant1	5240	21.76	---	---
	Ant2	5240	21.36	---	---
	Ant3	5240	21.56	---	---
	Ant0	5260	21.80	---	---
	Ant1	5260	21.92	---	---
	Ant2	5260	21.92	---	---
	Ant3	5260	21.92	---	---
	Ant0	5280	21.48	---	---
	Ant1	5280	21.44	---	---
	Ant2	5280	21.92	---	---
	Ant3	5280	21.52	---	---
	Ant0	5320	22.08	---	---
	Ant1	5320	21.68	---	---
	Ant2	5320	21.92	---	---
	Ant3	5320	21.68	---	---
	Ant0	5500	22.04	---	---
	Ant1	5500	21.16	---	---
	Ant2	5500	21.64	---	---
	Ant3	5500	22.00	---	---
	Ant0	5580	21.64	---	---
	Ant1	5580	21.52	---	---
	Ant2	5580	21.92	---	---
	Ant3	5580	21.96	---	---
	Ant0	5700	21.64	---	---
	Ant1	5700	21.48	---	---
	Ant2	5700	22.32	---	---
	Ant3	5700	22.12	---	---
11AX40MIMO	Ant0	5190	41.20	---	---
	Ant1	5190	40.96	---	---
	Ant2	5190	40.96	---	---
	Ant3	5190	40.64	---	---
	Ant0	5230	40.72	---	---
	Ant1	5230	40.56	---	---
	Ant2	5230	40.80	---	---
	Ant3	5230	40.72	---	---
	Ant0	5270	40.64	---	---
	Ant1	5270	40.88	---	---
	Ant2	5270	40.64	---	---
	Ant3	5270	40.88	---	---
	Ant0	5310	40.48	---	---
	Ant1	5310	40.80	---	---
	Ant2	5310	40.72	---	---
	Ant3	5310	40.48	---	---
	Ant0	5510	40.72	---	---
	Ant1	5510	40.88	---	---
	Ant2	5510	40.88	---	---
	Ant3	5510	40.72	---	---
	Ant0	5550	40.96	---	---
	Ant1	5550	40.72	---	---
	Ant2	5550	40.64	---	---
	Ant3	5550	40.72	---	---
	Ant0	5670	40.64	---	---
	Ant1	5670	40.64	---	---
	Ant2	5670	40.40	---	---
	Ant3	5670	40.64	---	---
11AX80MIMO	Ant0	5210	83.04	---	---
	Ant1	5210	83.04	---	---
	Ant2	5210	82.88	---	---

	Ant3	5210	82.72	---	---
	Ant0	5290	83.04	---	---
	Ant1	5290	82.72	---	---
	Ant2	5290	83.04	---	---
	Ant3	5290	82.72	---	---
	Ant0	5530	82.72	---	---
	Ant1	5530	83.04	---	---
	Ant2	5530	82.72	---	---
	Ant3	5530	82.72	---	---
	Ant0	5610	83.36	---	---
	Ant1	5610	82.88	---	---
	Ant2	5610	82.88	---	---
11AX160MIMO	Ant3	5610	82.72	---	---
	Ant0	5250	164.48	---	---
	Ant1	5250	165.44	---	---
	Ant2	5250	165.44	---	---
	Ant3	5250	164.80	---	---
	Ant0	5570	165.44	---	---
	Ant1	5570	165.44	---	---
	Ant2	5570	164.80	---	---
	Ant3	5570	165.44	---	---

## Test Graphs

11A-CDD\_Ant0\_5180



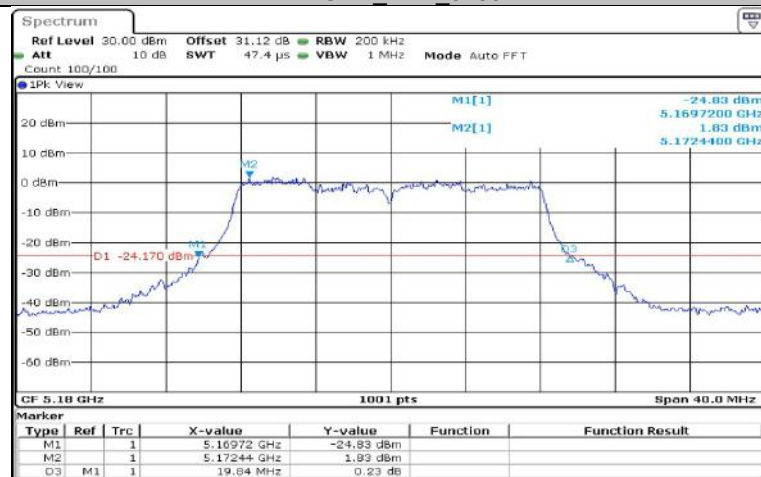
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11A-CDD\_Ant1\_5180



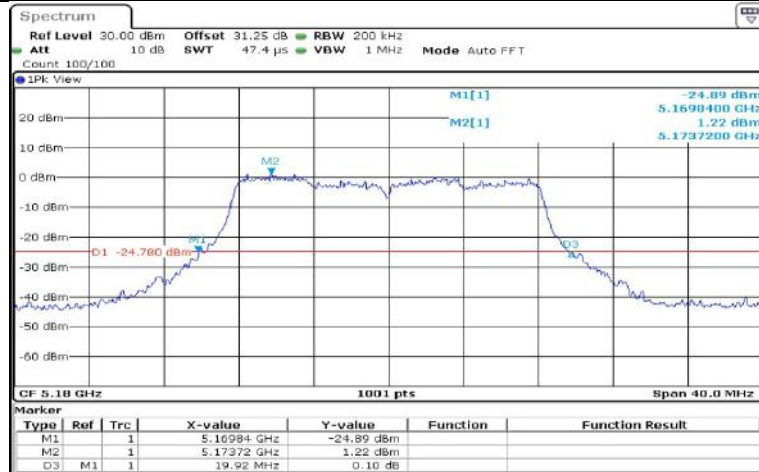
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11A-CDD\_Ant2\_5180



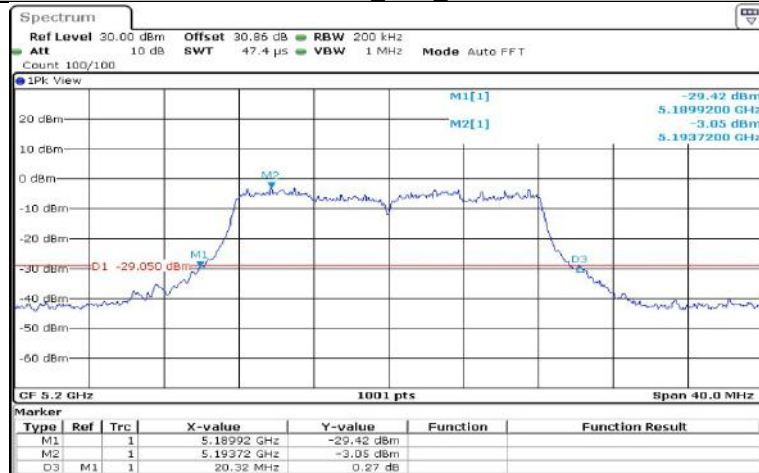
Date: 7.FEB.2023 01:47:58

## 11A-CDD\_Ant3\_5180



Date: 7.FEB.2023 01:49:26

## 11A-CDD\_Ant0\_5200



Date: 7.FEB.2023 02:11:11

## 11A-CDD\_Ant1\_5200



Date: 7.FEB.2023 02:12:19

## 11A-CDD\_Ant2\_5200



## 11A-CDD\_Ant3\_5200



## 11A-CDD\_Ant0\_5240



## 11A-CDD\_Ant1\_5240



Date: 7.FEB.2023 02:23:03

## 11A-CDD\_Ant2\_5240



Date: 7.FEB.2023 02:24:13

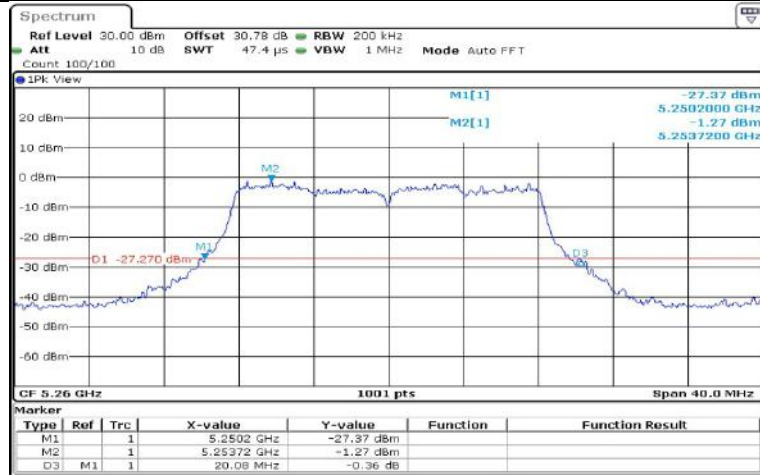
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Date: 7.FEB.2023 02:25:22



## 11A-CDD\_Ant0\_5260



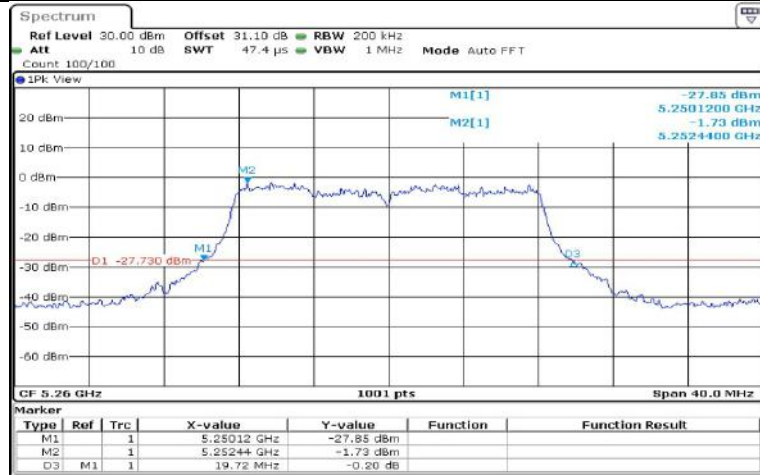
## 11A-CDD\_Ant1\_5260



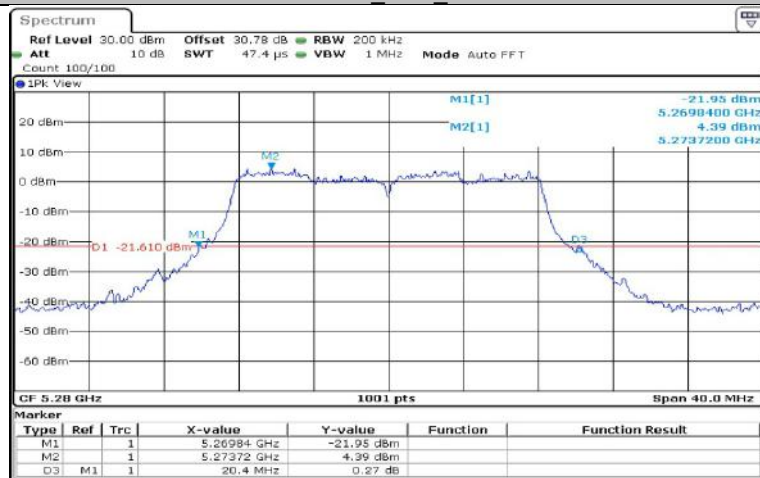
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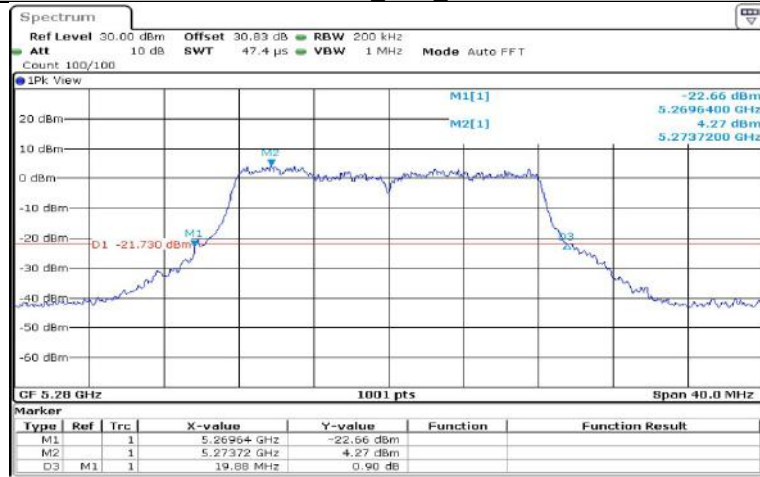
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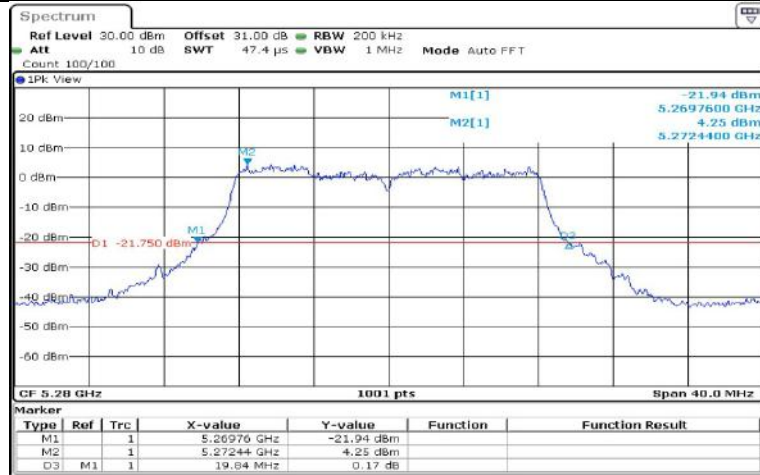
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## 11A-CDD\_Ant1\_5280

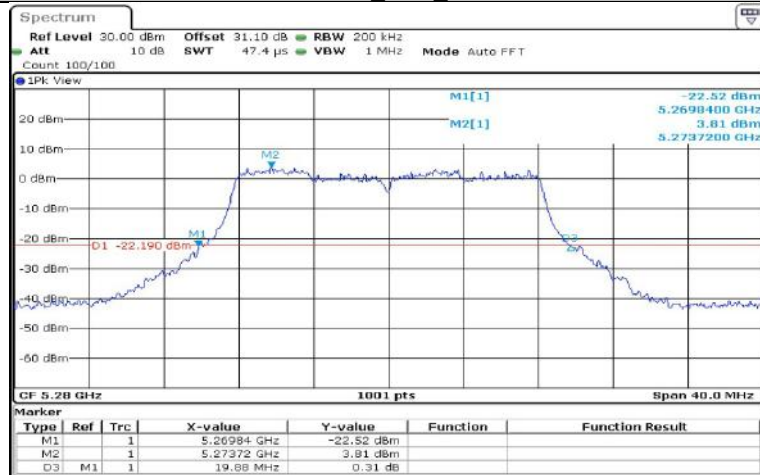


## 11A-CDD\_Ant2\_5280



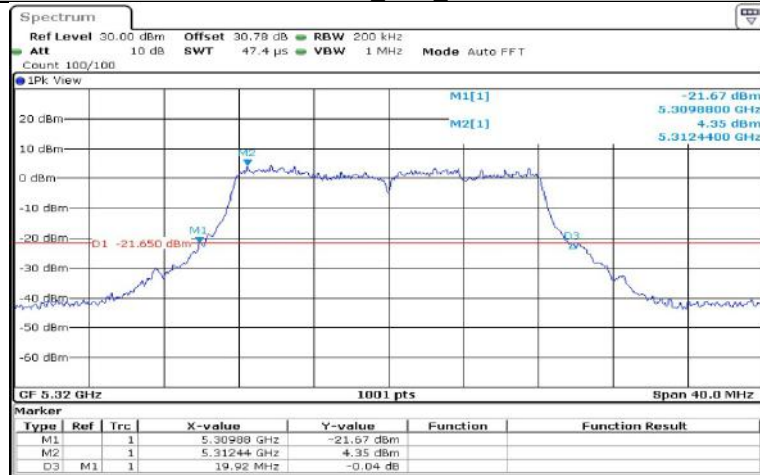
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## 11A-CDD\_Ant3\_5280



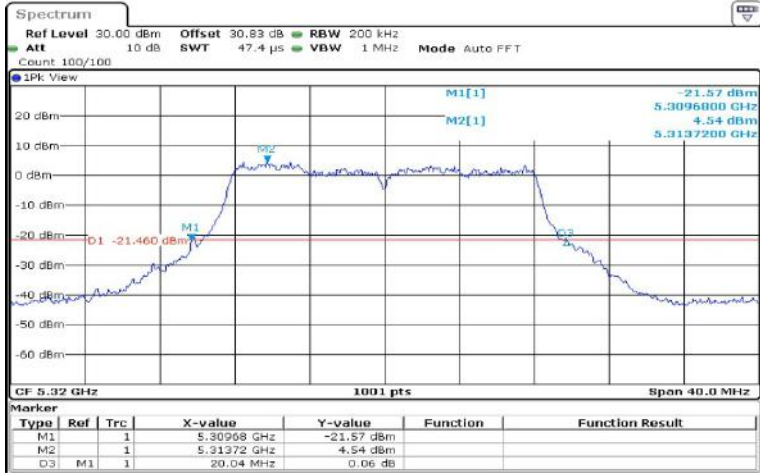
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## 11A-CDD\_Ant0\_5320



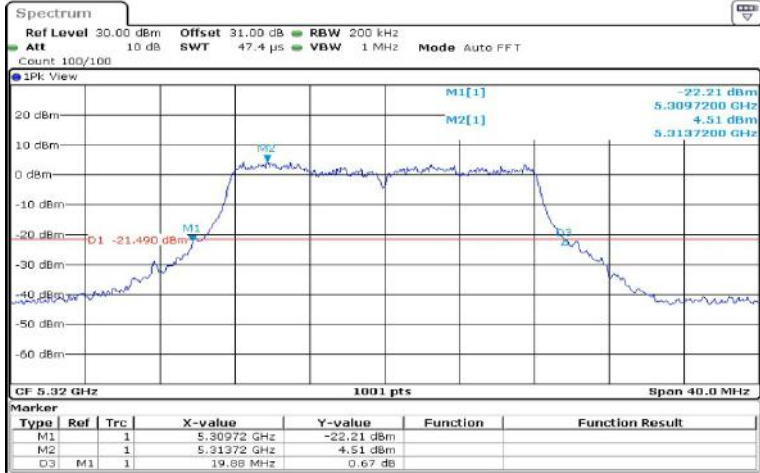
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11A-CDD\_Ant1\_5320



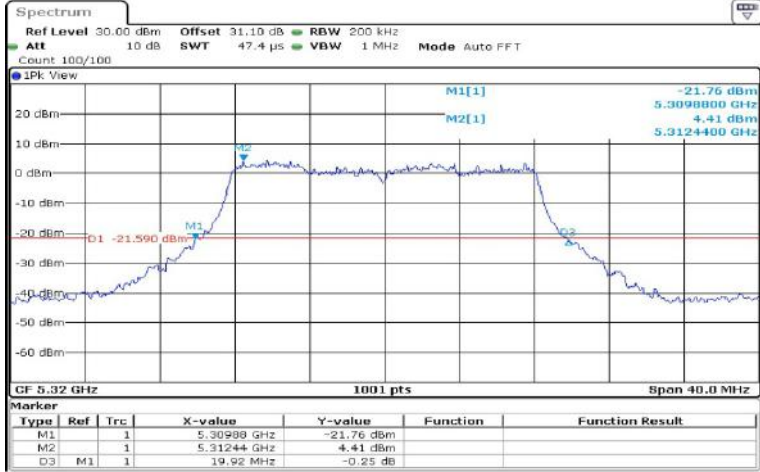
Date: 7.FEB.2023 03:28:24

11A-CDD\_Ant2\_5320



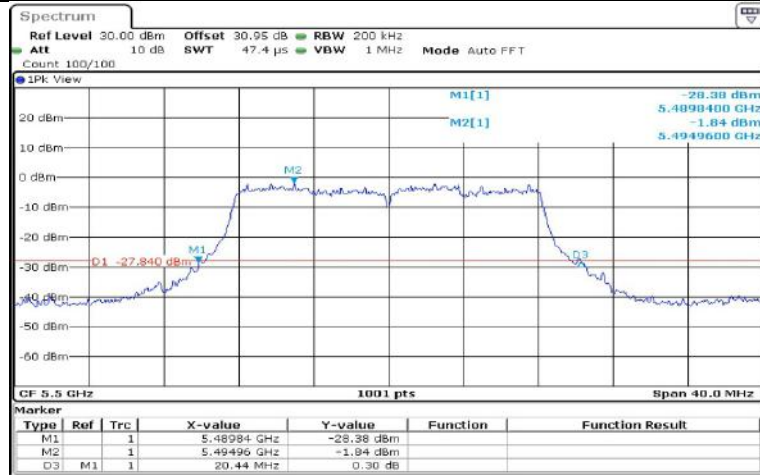
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11A-CDD\_Ant3\_5320



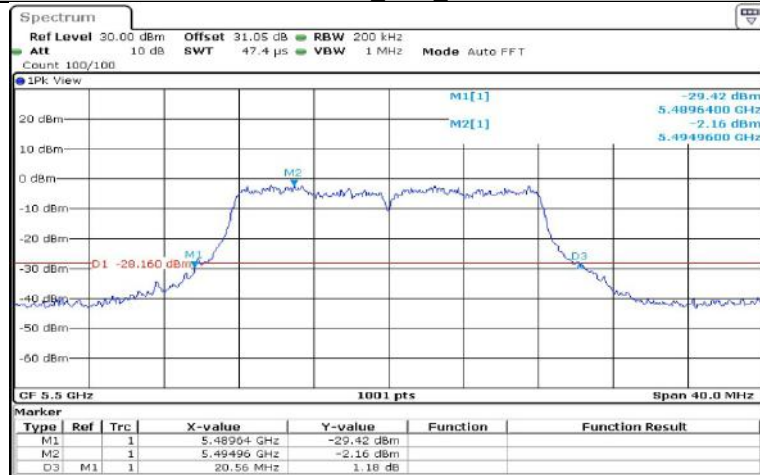
Date: 7.FEB.2023 03:31:23

## 11A-CDD\_Ant0\_5500



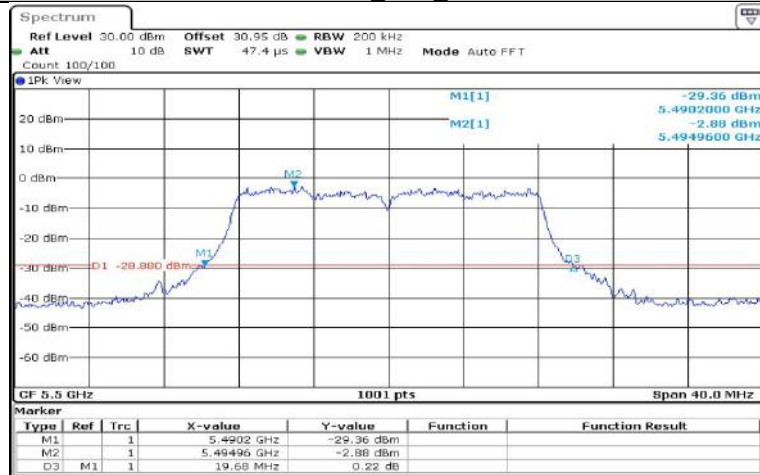
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## 11A-CDD\_Ant1\_5500



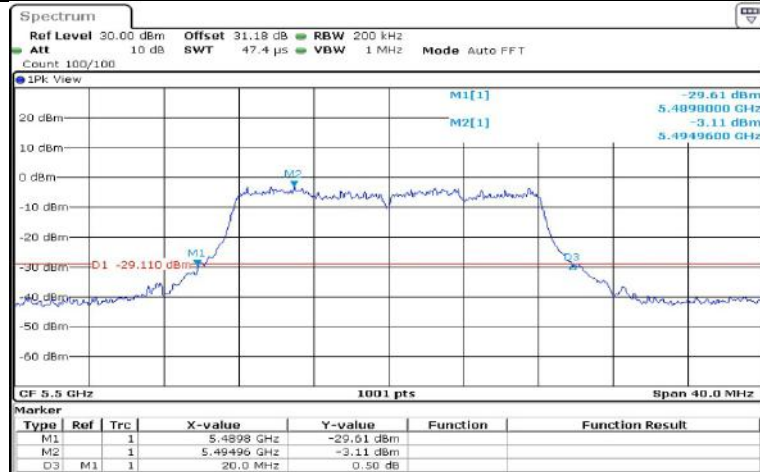
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## 11A-CDD\_Ant2\_5500



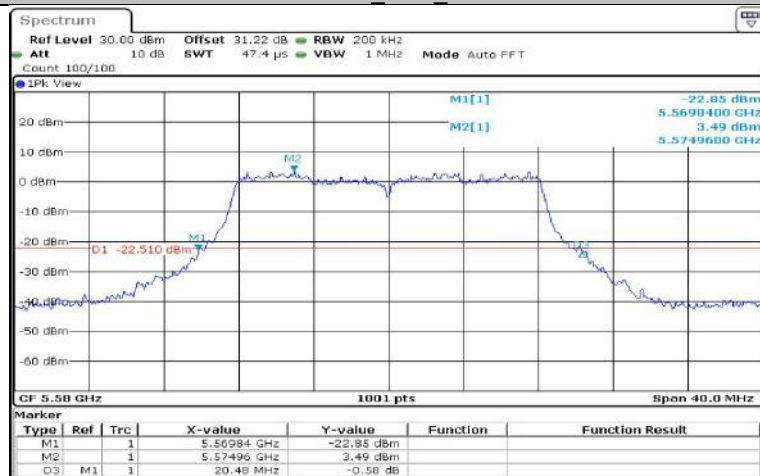
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## 11A-CDD\_Ant3\_5500



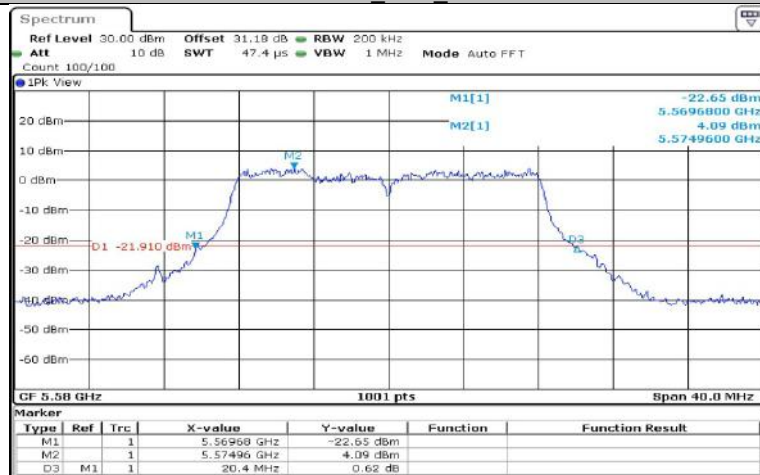
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## 11A-CDD\_Ant0\_5580



Date: 7.FEB.2023 03:34:10

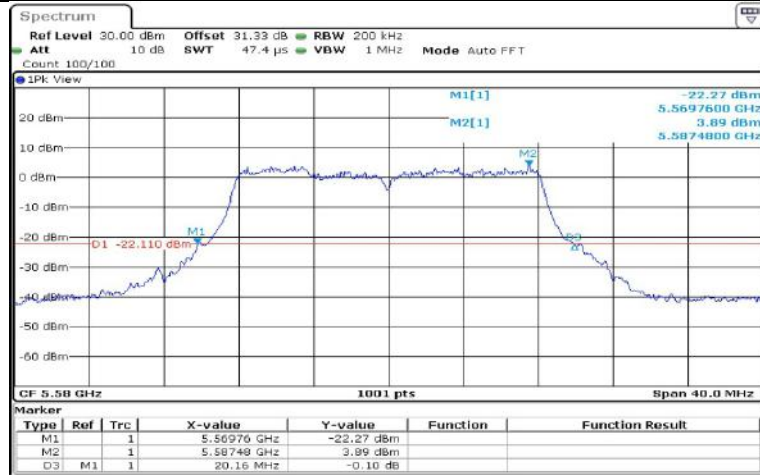
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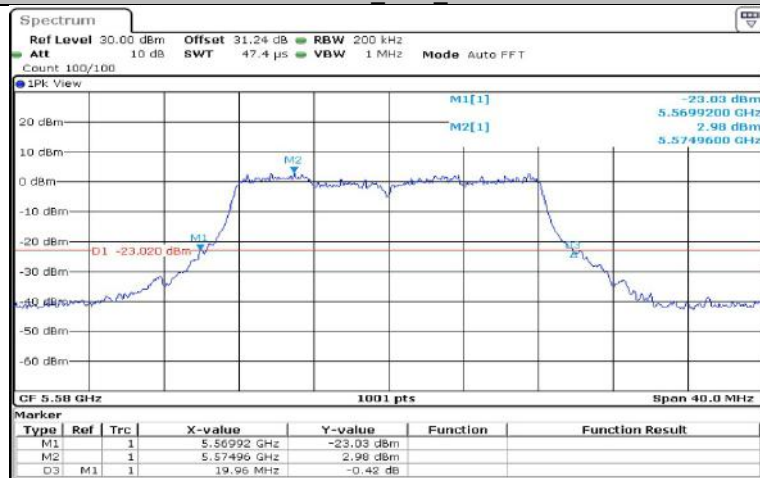


## 11A-CDD\_Ant2\_5580



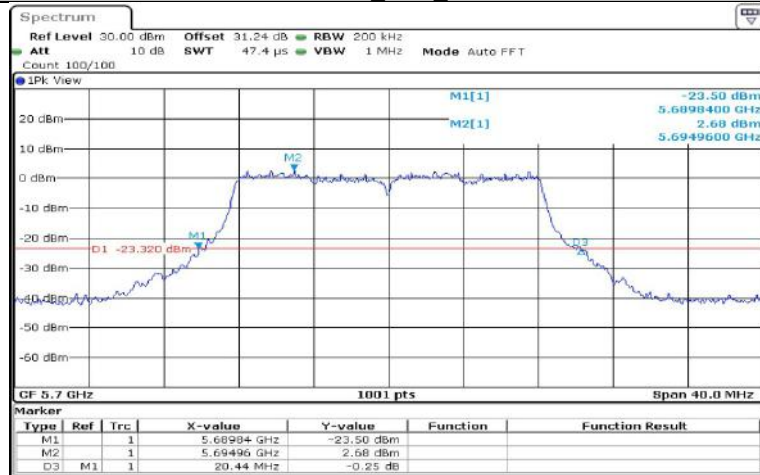
Date: 7.FEB.2023 03:36:28

## 11A-CDD\_Ant3\_5580



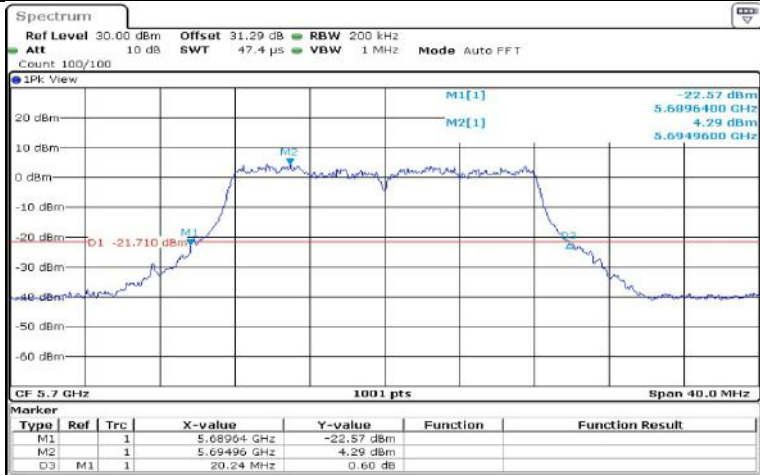
Date: 7.FEB.2023 03:37:37

## 11A-CDD\_Ant0\_5700



Date: 7.FEB.2023 03:39:20

11A-CDD\_Ant1\_5700



11A-CDD\_Ant2\_5700

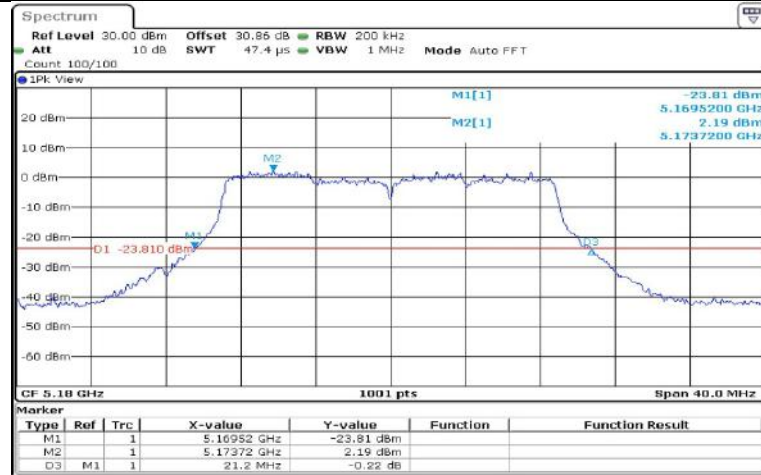


11A-CDD\_Ant3\_5700

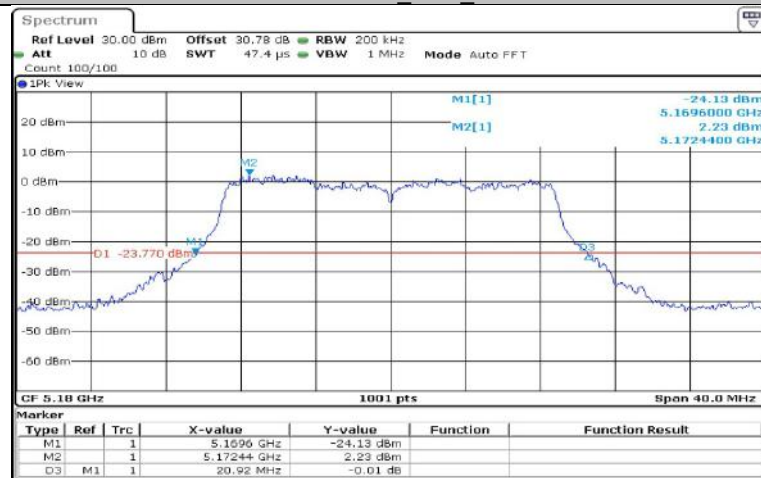




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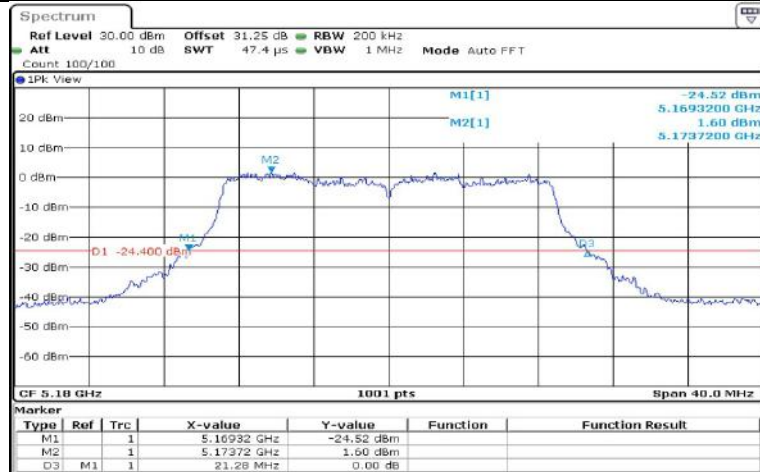
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## 11AC20MIMO\_Ant2\_5180

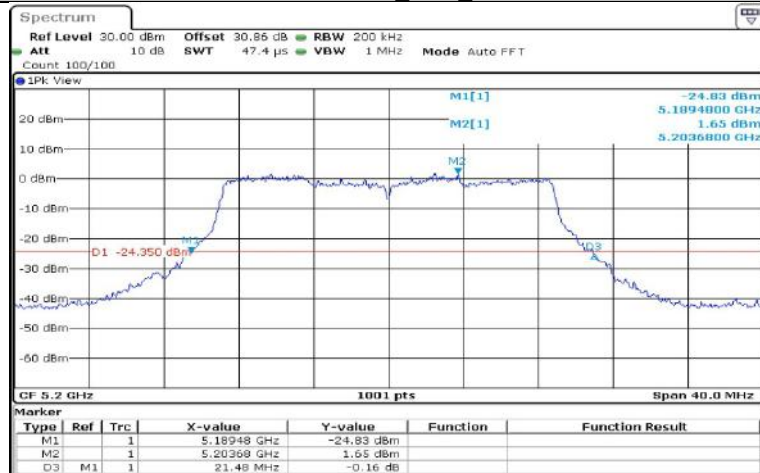


## 11AC20MIMO\_Ant3\_5180



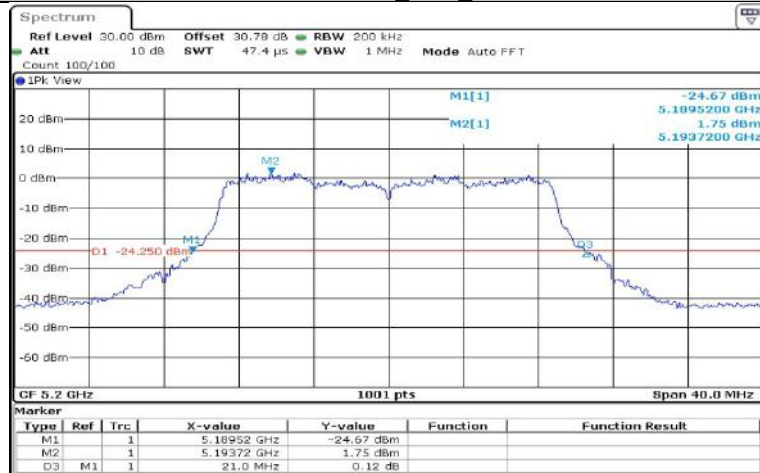
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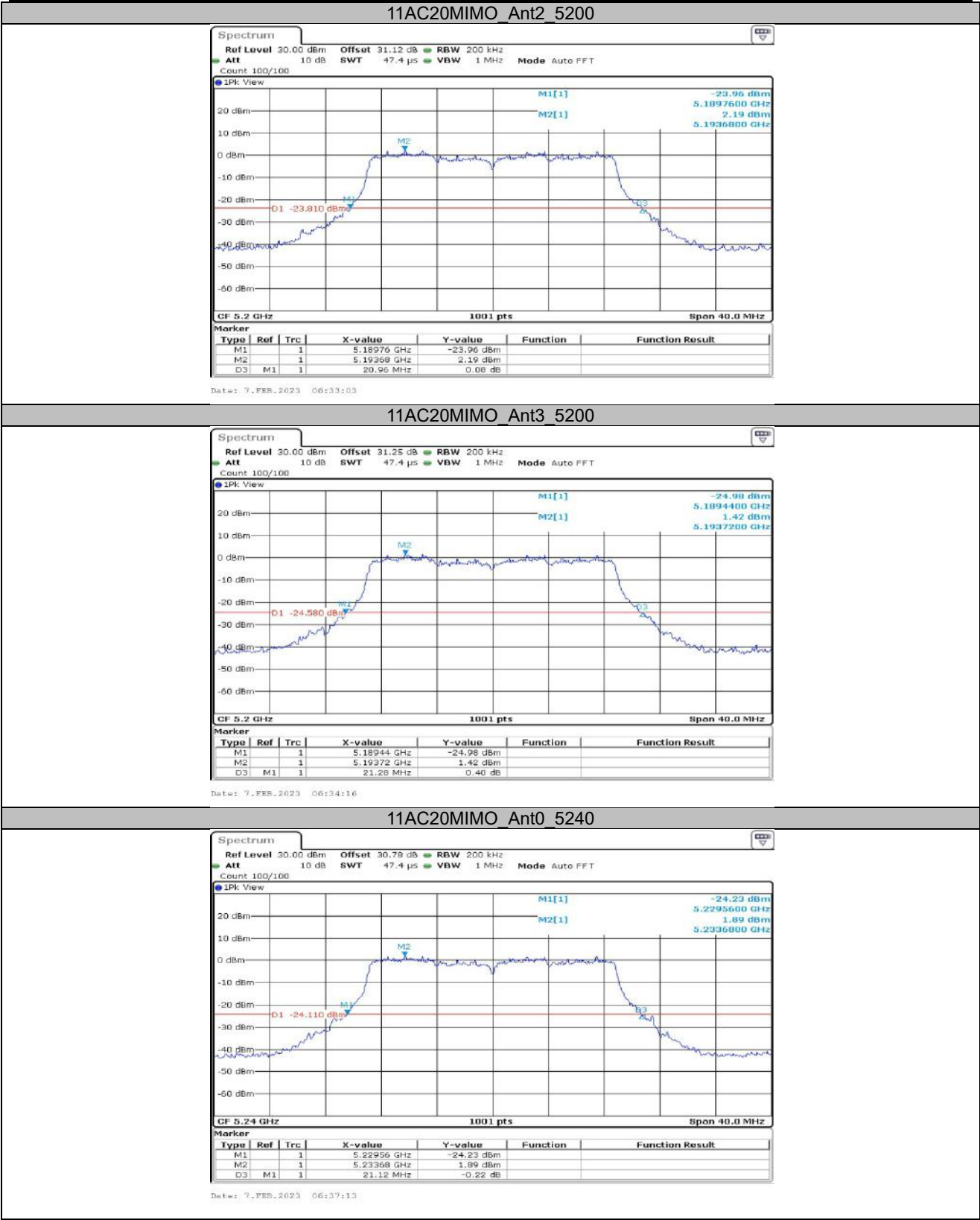


Date: 7.FEB.2023 06:30:40

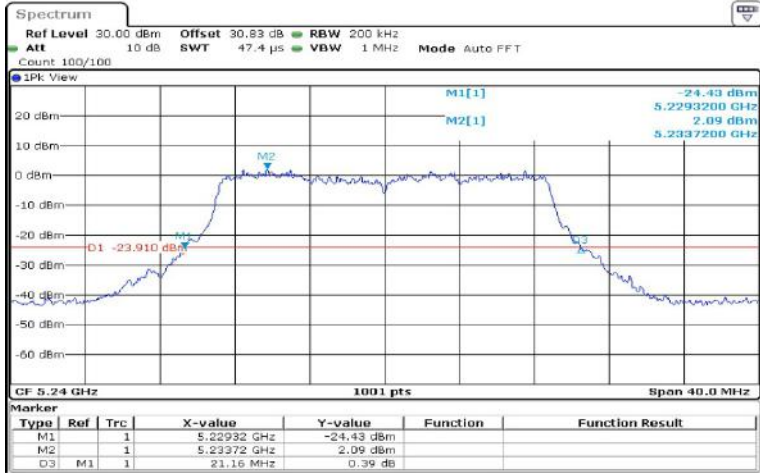
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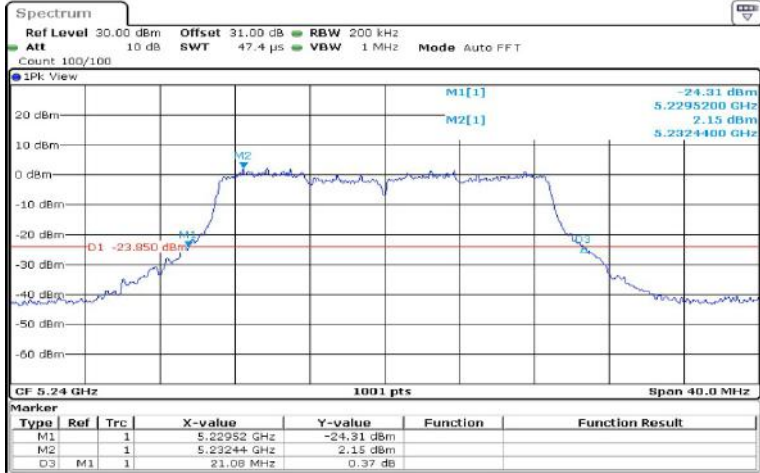


11AC20MIMO\_Ant1\_5240



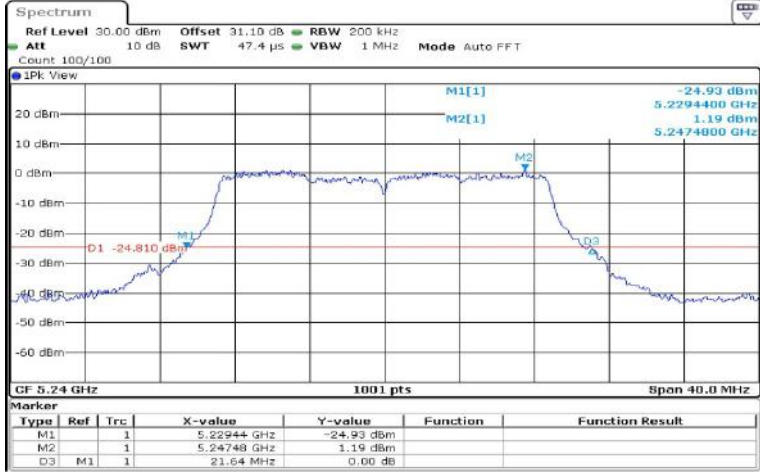
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11AC20MIMO\_Ant2\_5240

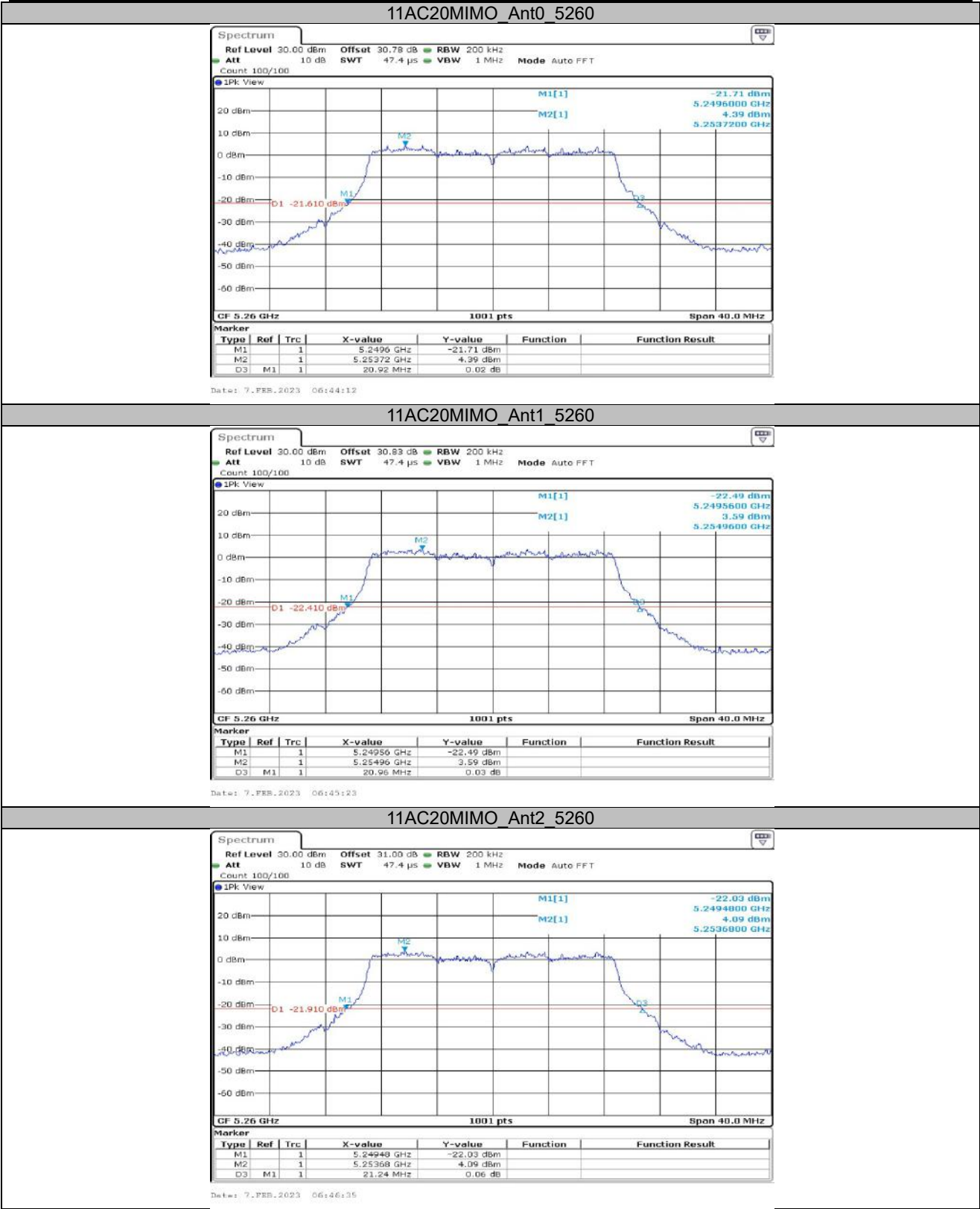


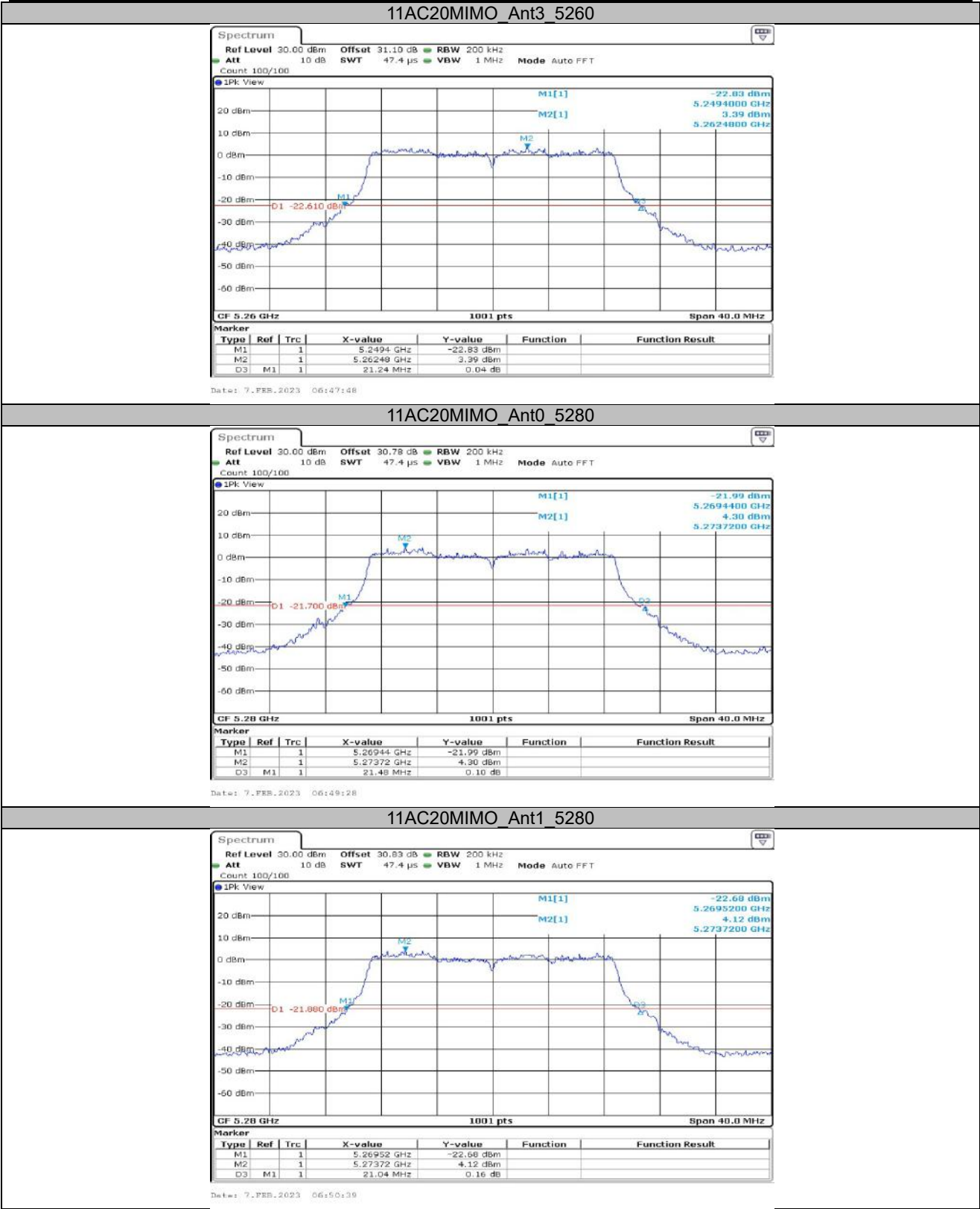
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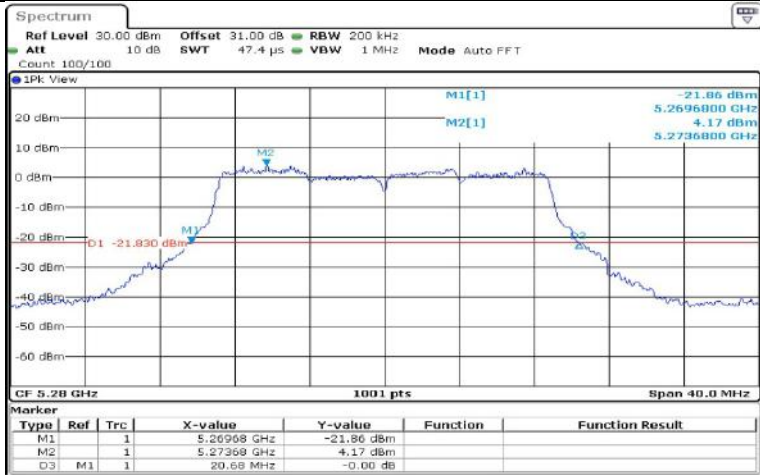
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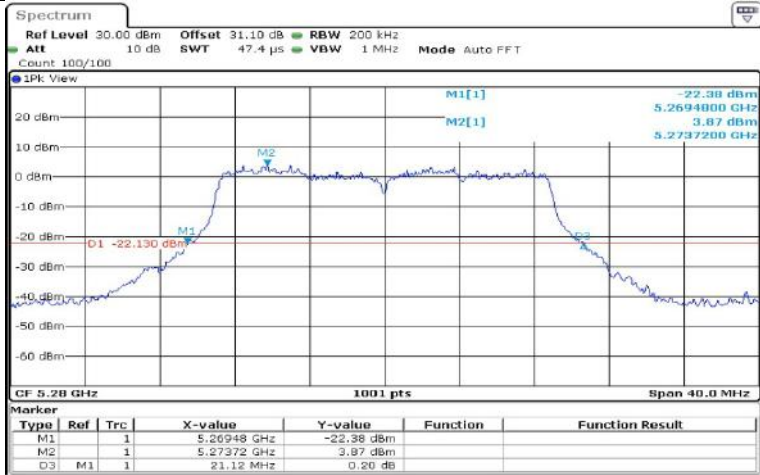


11AC20MIMO\_Ant2\_5280



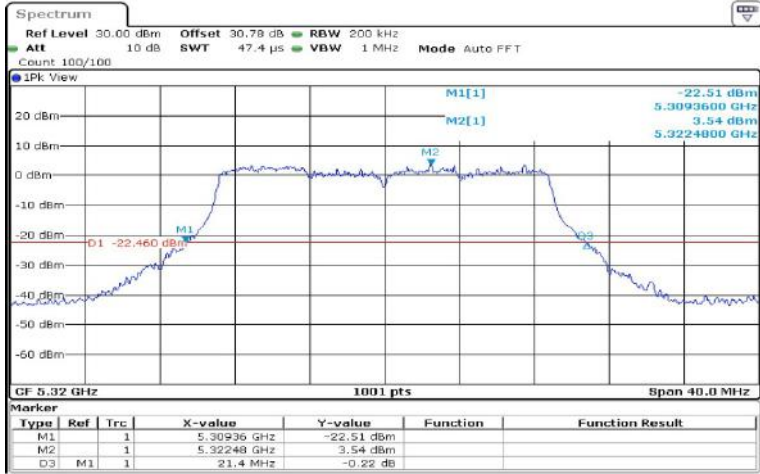
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11AC20MIMO\_Ant3\_5280



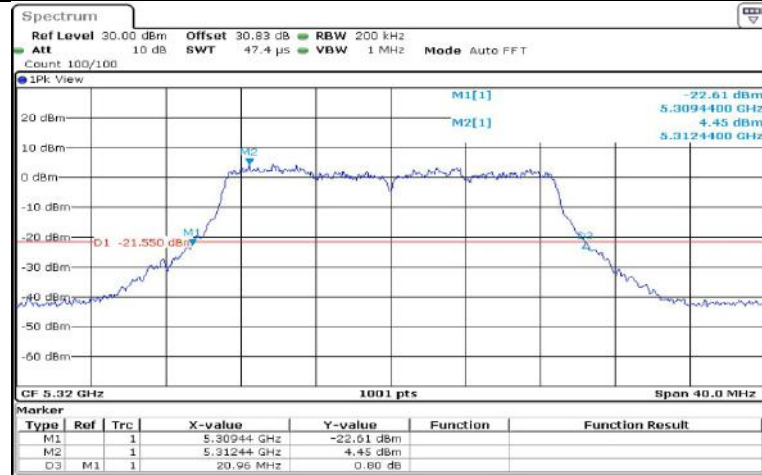
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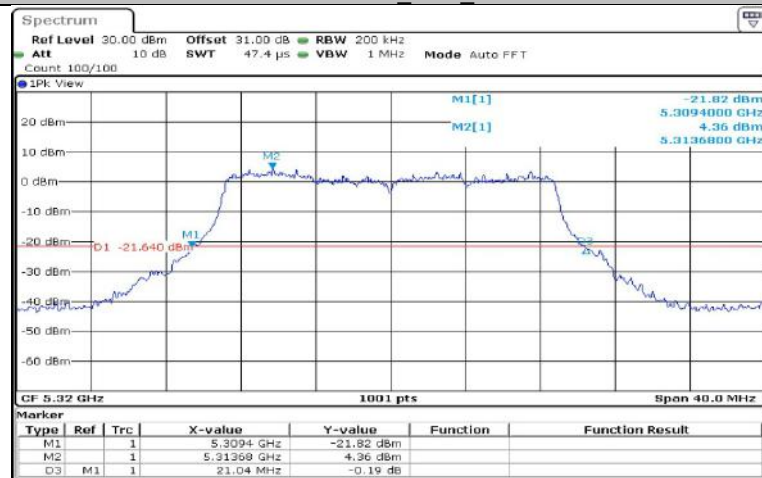


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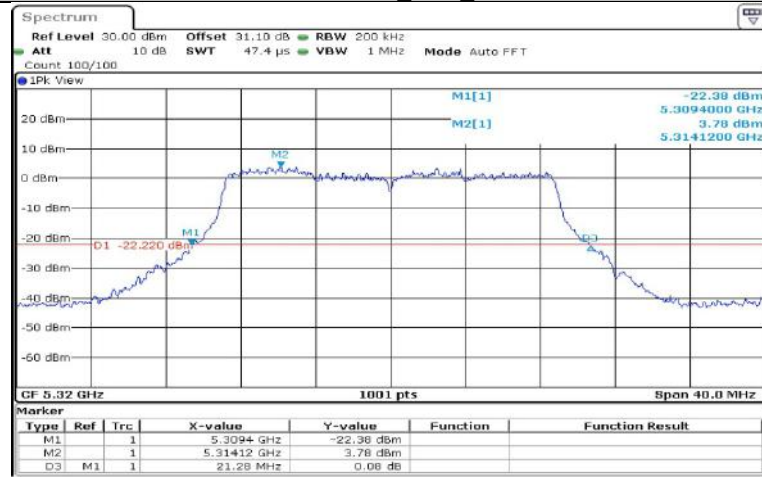
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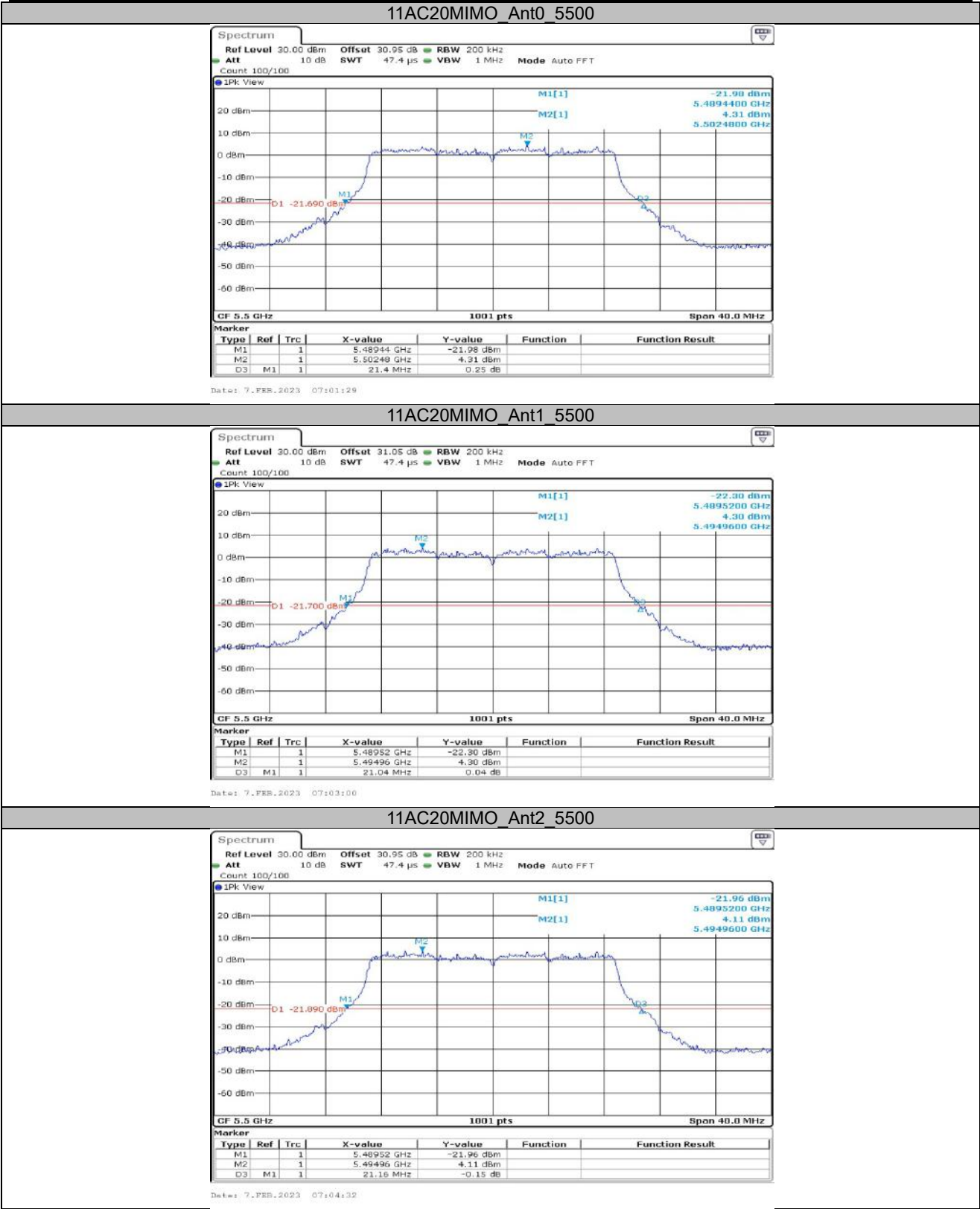
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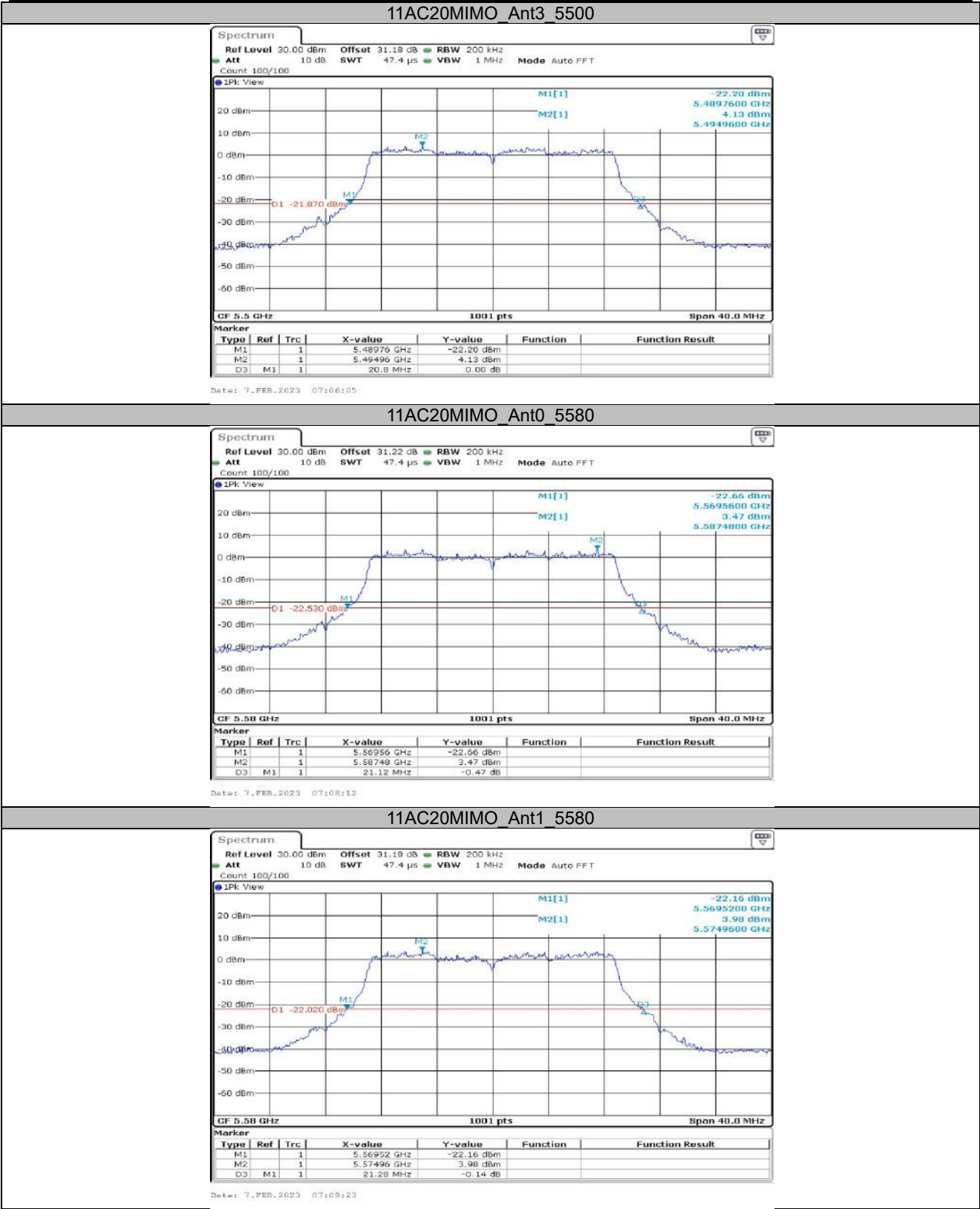


## 11AC20MIMO\_Ant3\_5320

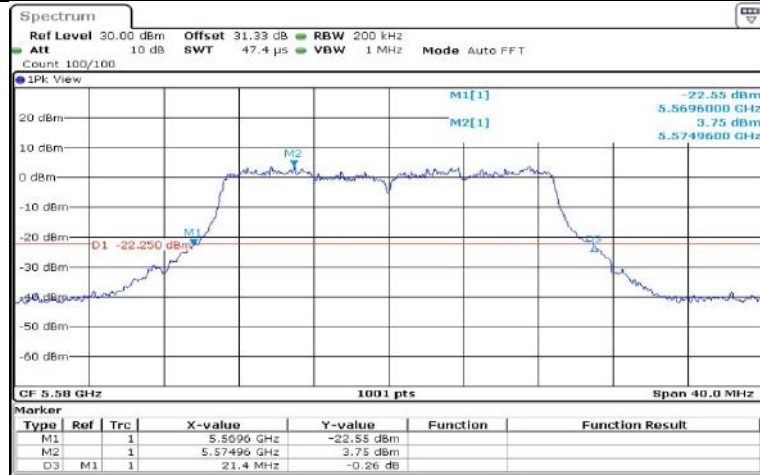






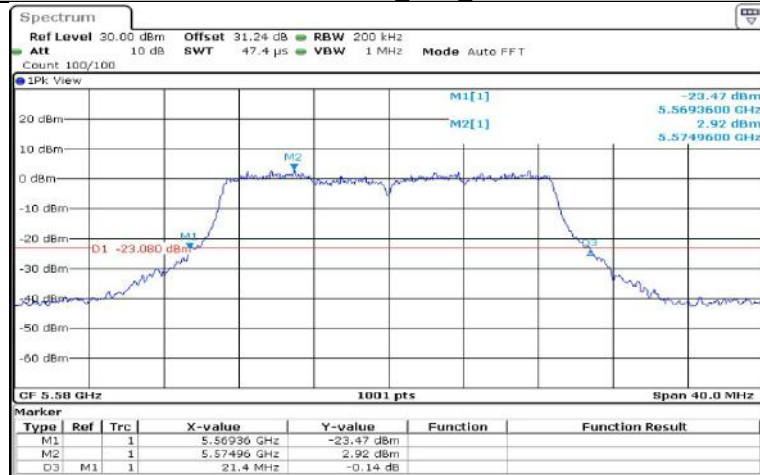


## 11AC20MIMO\_Ant2\_5580



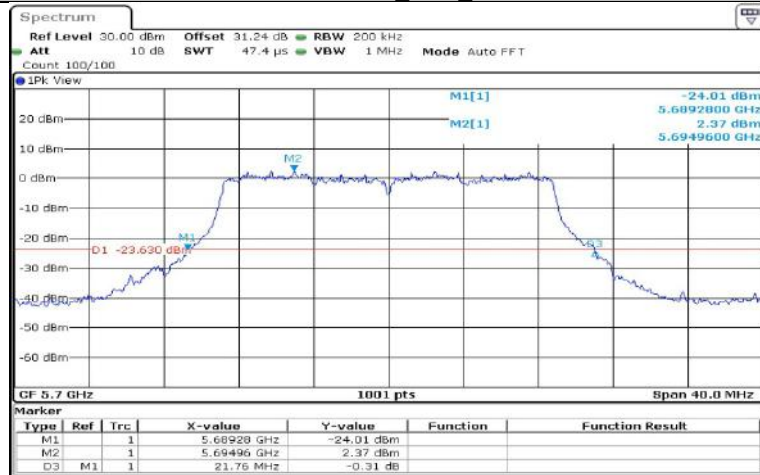
Date: 7.FEB.2023 07:10:35

## 11AC20MIMO\_Ant3\_5580

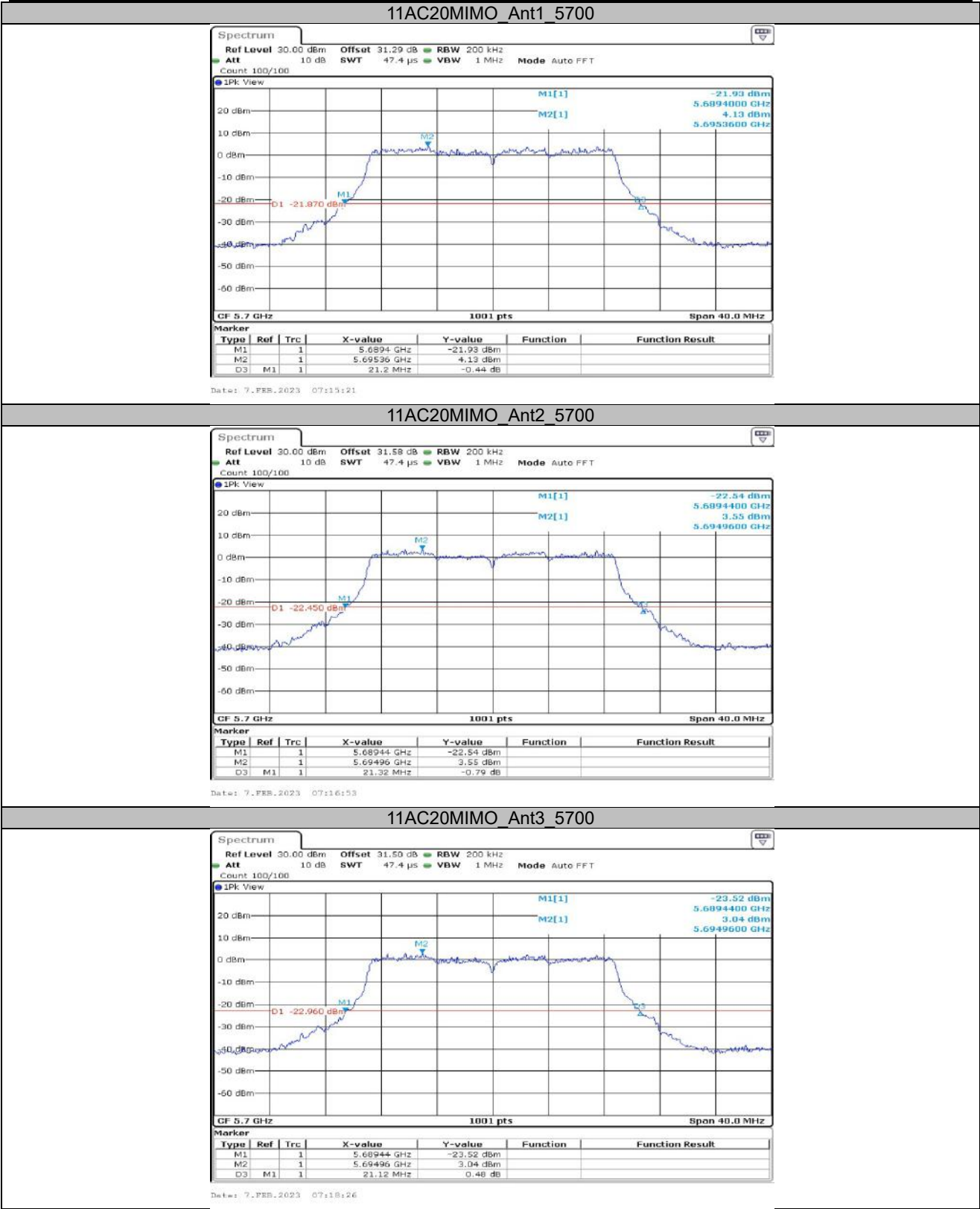


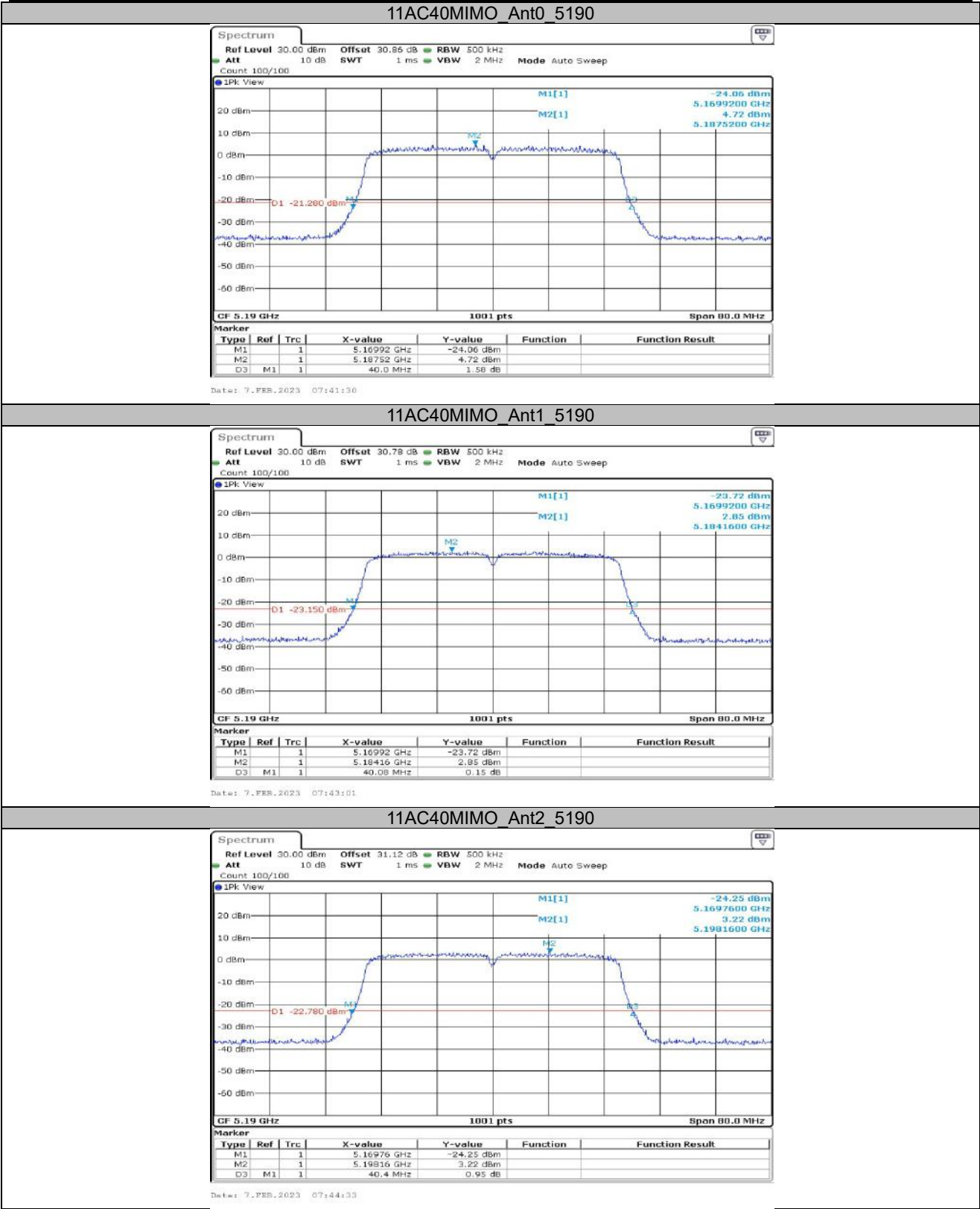
Date: 7.FEB.2023 07:11:47

## 11AC20MIMO\_Ant0\_5700



Date: 7.FEB.2023 07:13:52



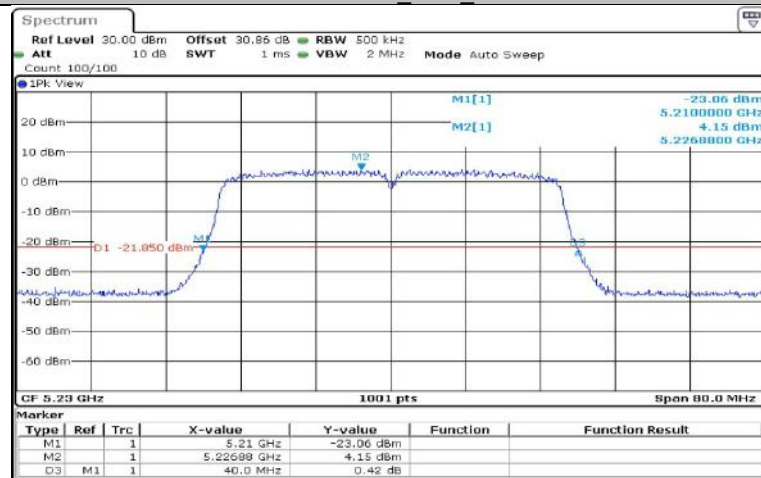


## 11AC40MIMO\_Ant3\_5190



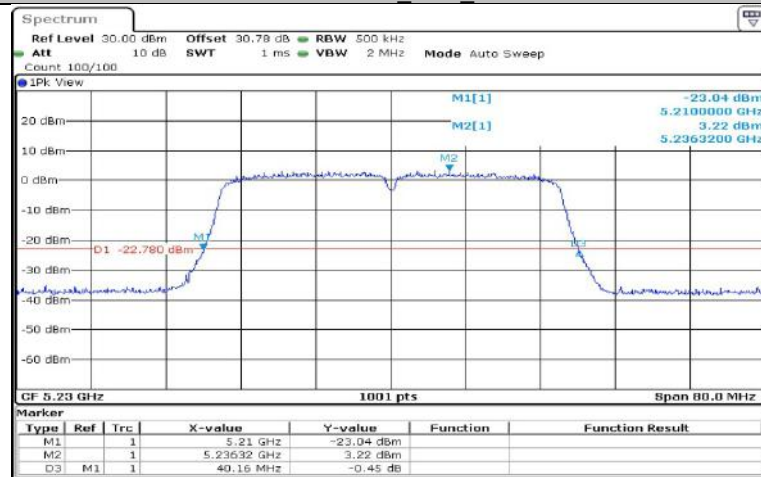
Date: 7.FEB.2023 07:46:06

## 11AC40MIMO\_Ant0\_5230



Date: 7.FEB.2023 07:48:18

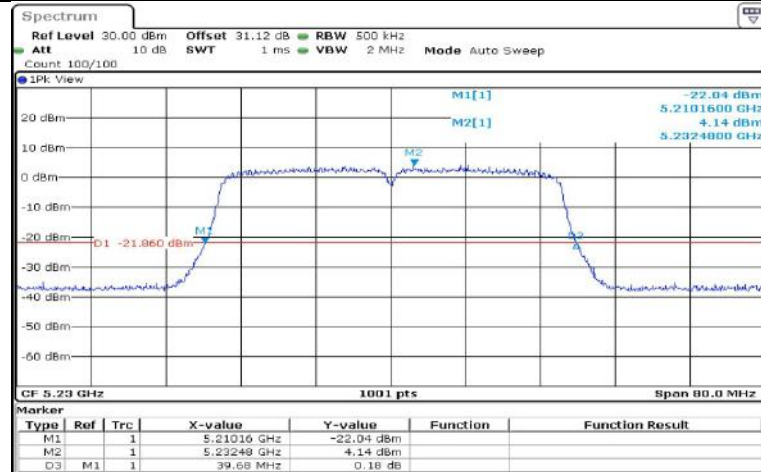
## 11AC40MIMO\_Ant1\_5230



Date: 7.FEB.2023 07:49:28

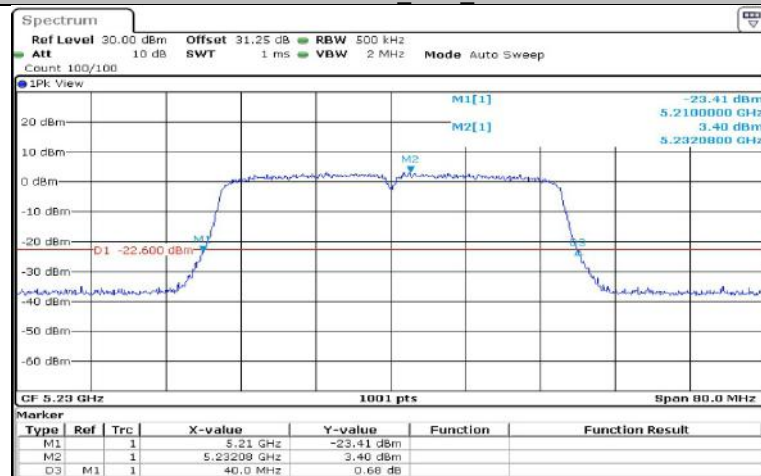


## 11AC40MIMO\_Ant2\_5230



Date: 7.FEB.2023 07:50:41

## 11AC40MIMO\_Ant3\_5230



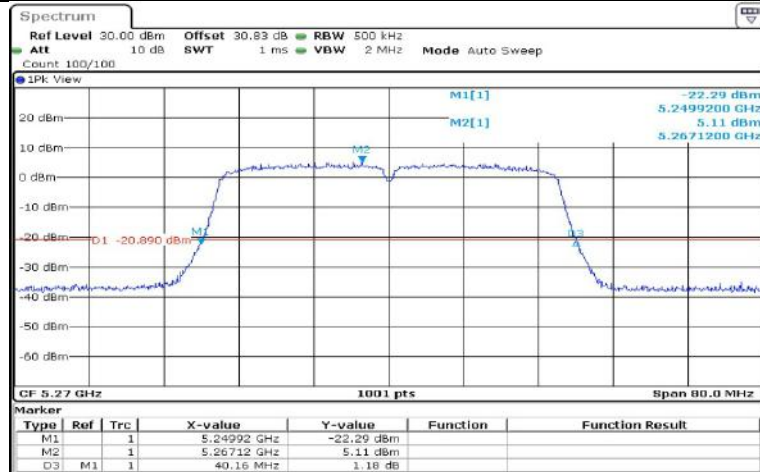
Date: 7.FEB.2023 07:51:53

## 11AC40MIMO\_Ant0\_5270



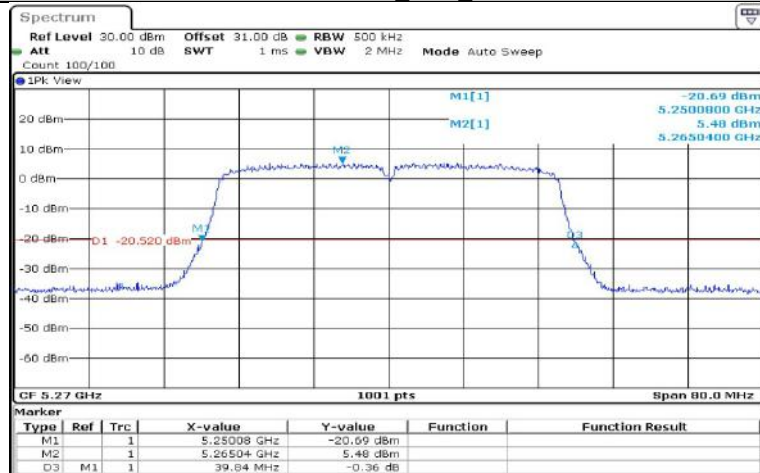
Date: 7.FEB.2023 07:53:43

## 11AC40MIMO\_Ant1\_5270



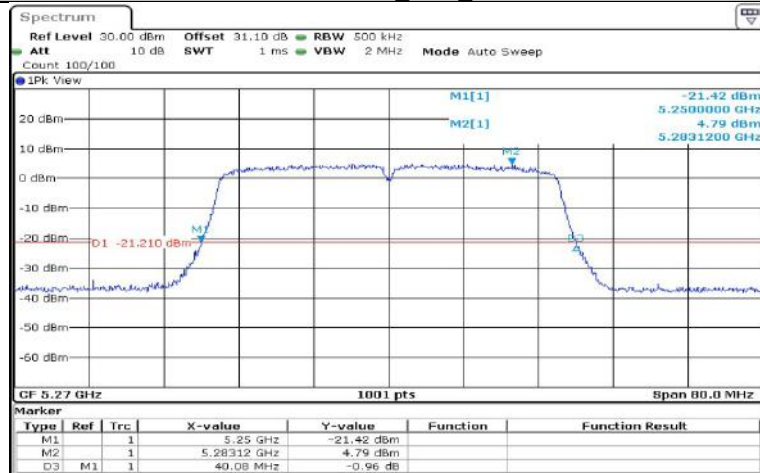
Date: 7.FEB.2023 07:54:54

## 11AC40MIMO\_Ant2\_5270



Date: 7.FEB.2023 07:56:06

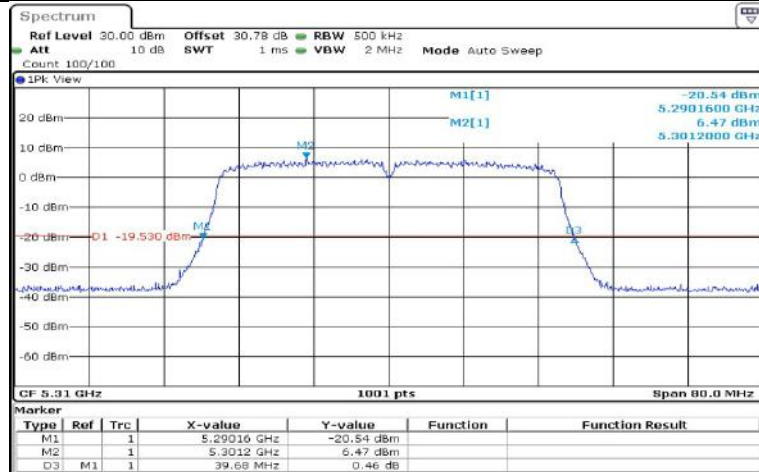
## 11AC40MIMO\_Ant3\_5270



Date: 7.FEB.2023 07:57:18

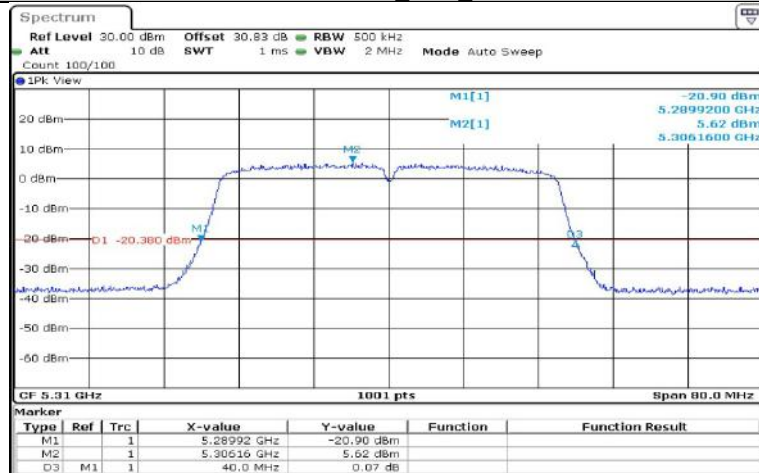


## 11AC40MIMO\_Ant0\_5310



Date: 7.FEB.2023 07:59:16

## 11AC40MIMO\_Ant1\_5310



Date: 7.FEB.2023 08:00:47

## 11AC40MIMO\_Ant2\_5310



Date: 7.FEB.2023 08:02:19

## 11AC40MIMO\_Ant3\_5310



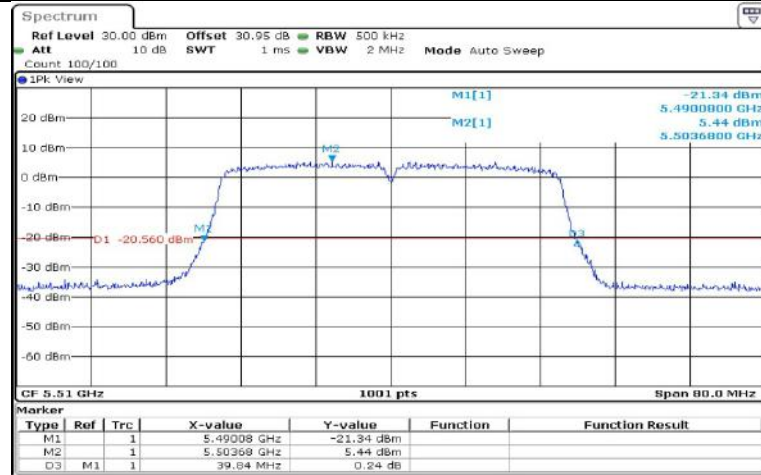
## 11AC40MIMO\_Ant0\_5510



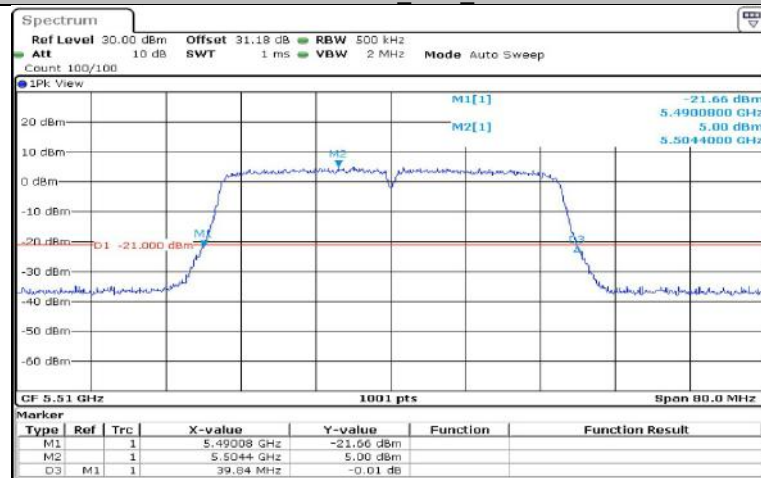
## 11AC40MIMO\_Ant1\_5510



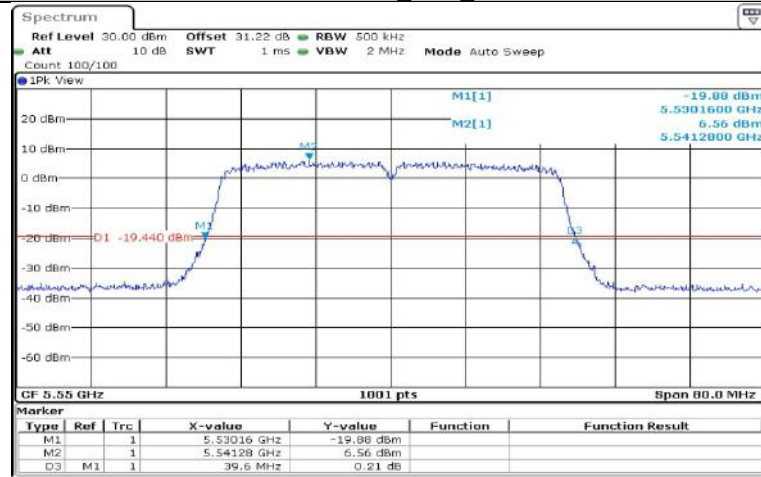
## 11AC40MIMO\_Ant2\_5510



## 11AC40MIMO\_Ant3\_5510



## 11AC40MIMO\_Ant0\_5550

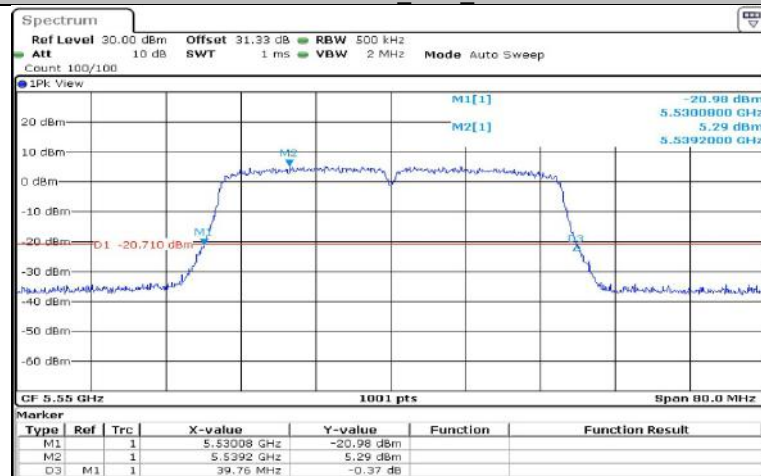


## 11AC40MIMO\_Ant1\_5550



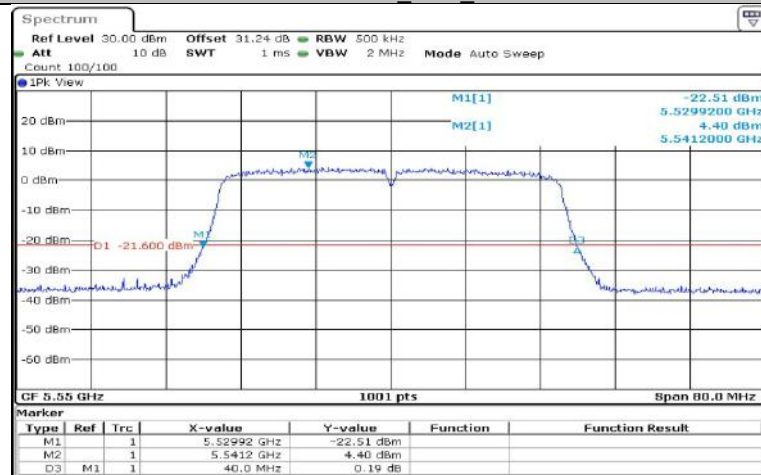
Date: 7.FEB.2023 08:15:18

## 11AC40MIMO\_Ant2\_5550



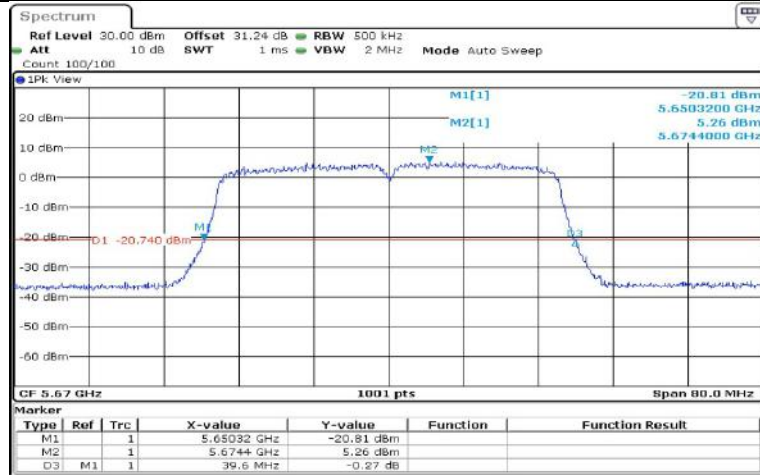
Date: 7.FEB.2023 08:16:30

## 11AC40MIMO\_Ant3\_5550



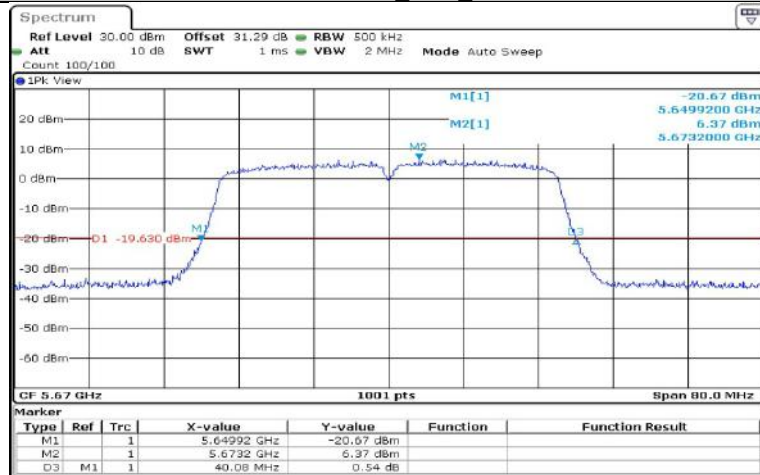
Date: 7.FEB.2023 08:17:42

## 11AC40MIMO\_Ant0\_5670



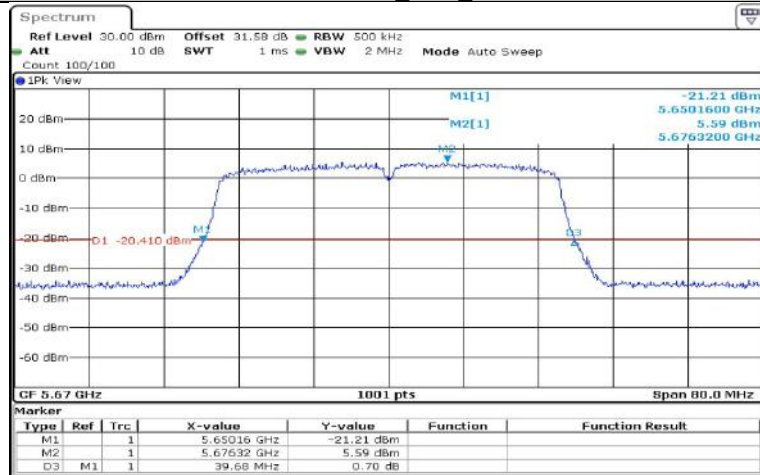
Date: 7.FEB.2023 08:19:26

## 11AC40MIMO\_Ant1\_5670



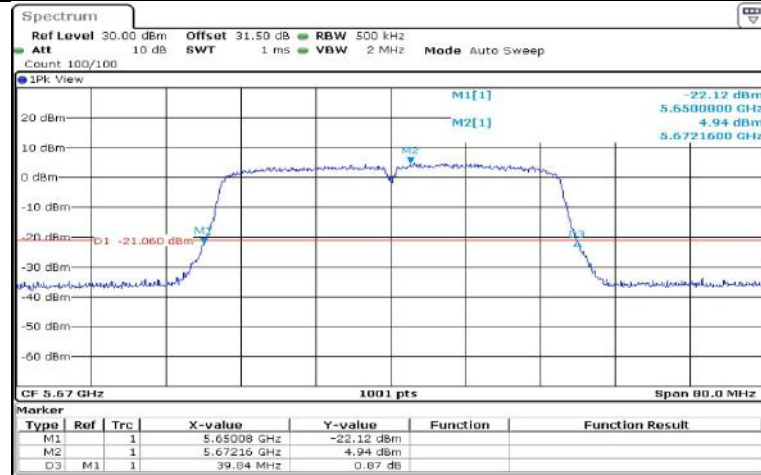
Date: 7.FEB.2023 08:20:57

## 11AC40MIMO\_Ant2\_5670



Date: 7.FEB.2023 08:22:29

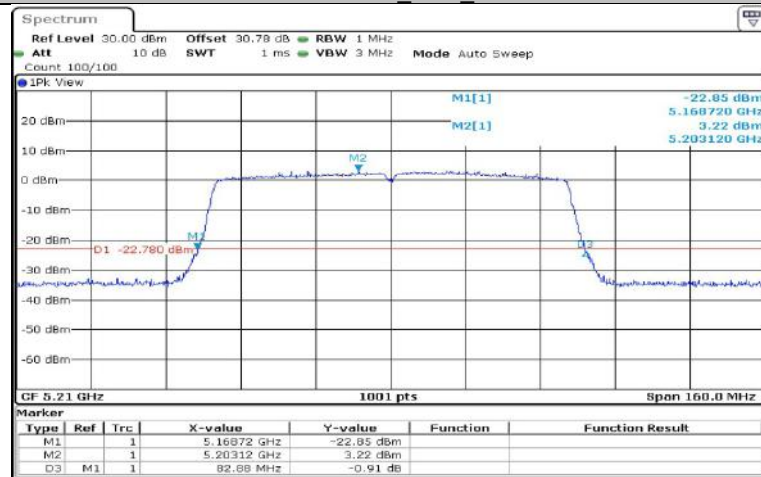
## 11AC40MIMO\_Ant3\_5670



## 11AC80MIMO\_Ant0\_5210

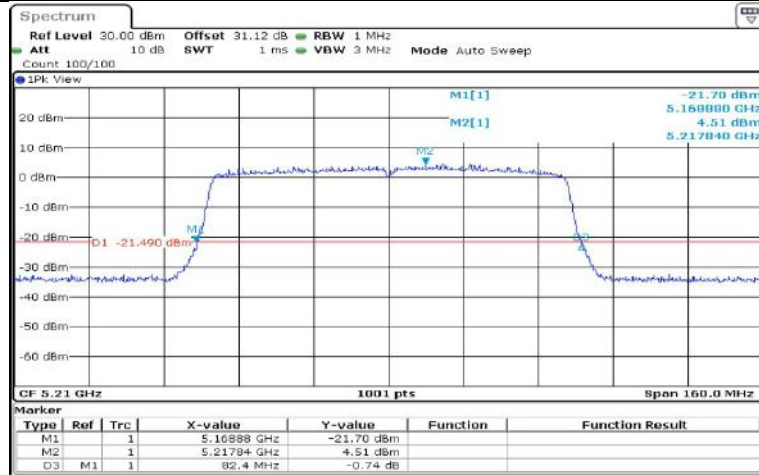


## 11AC80MIMO\_Ant1\_5210



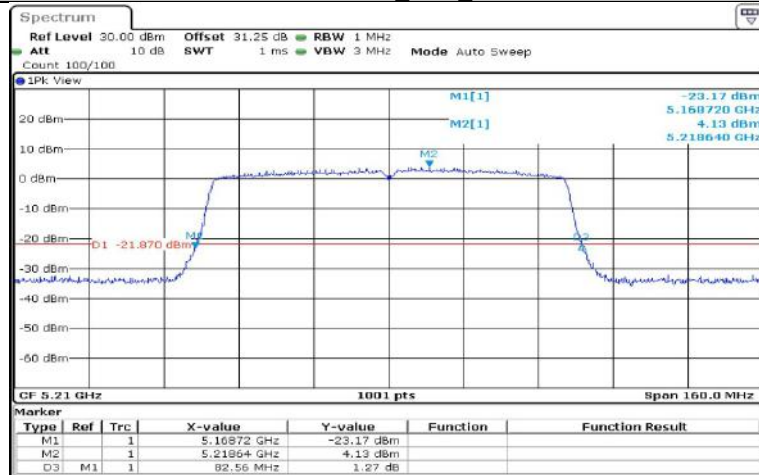


## 11AC80MIMO\_Ant2\_5210



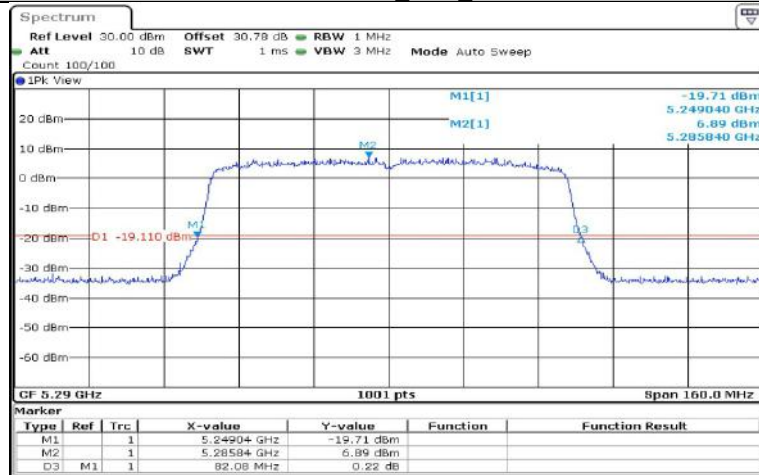
Date: 7.FEB.2023 08:48:39

## 11AC80MIMO\_Ant3\_5210



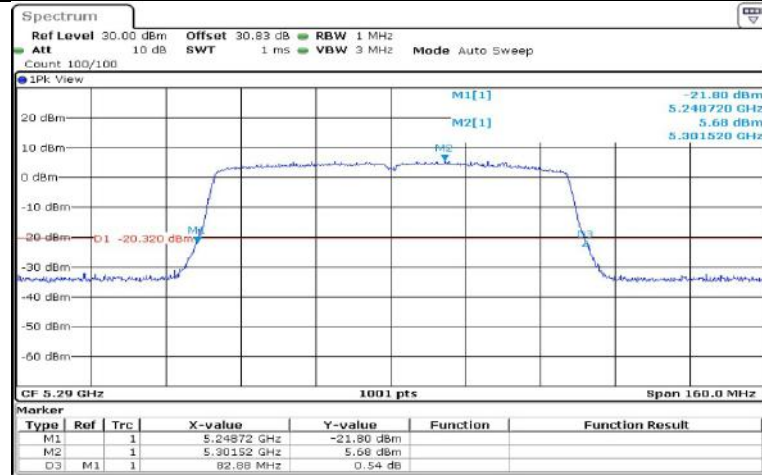
Date: 7.FEB.2023 08:50:11

## 11AC80MIMO\_Ant0\_5290



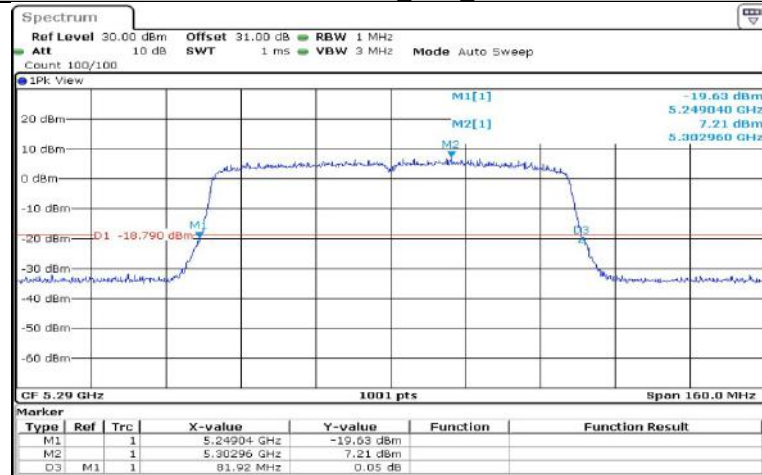
Date: 7.FEB.2023 08:52:48

## 11AC80MIMO\_Ant1\_5290



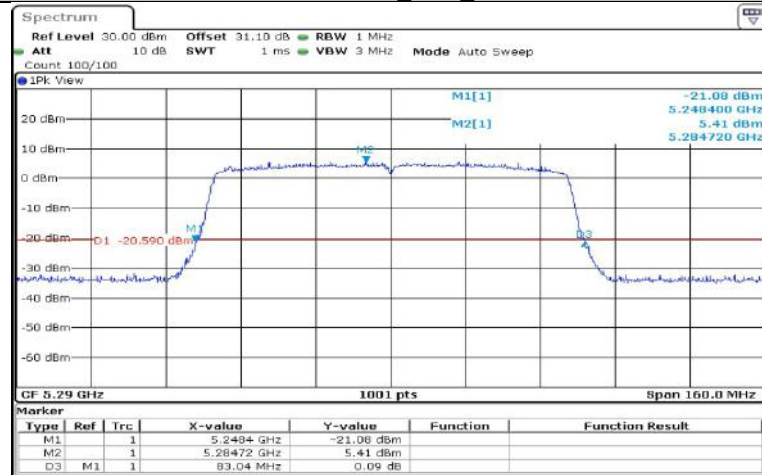
Date: 7.FEB.2023 08:54:17

## 11AC80MIMO\_Ant2\_5290



Date: 7.FEB.2023 08:55:49

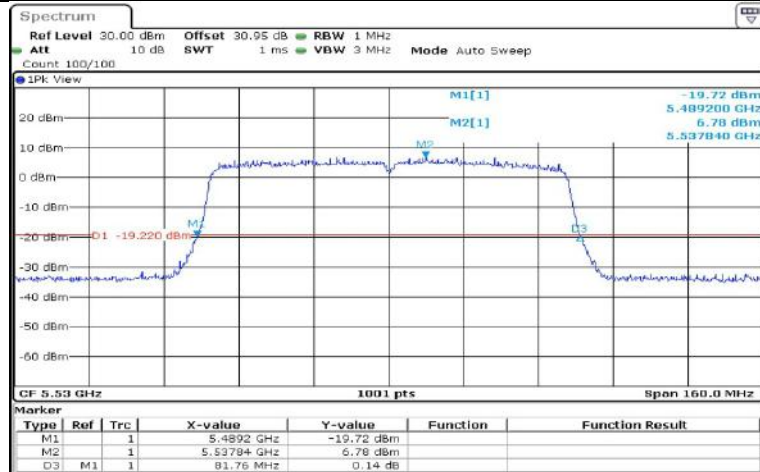
## 11AC80MIMO\_Ant3\_5290



Date: 7.FEB.2023 08:59:21

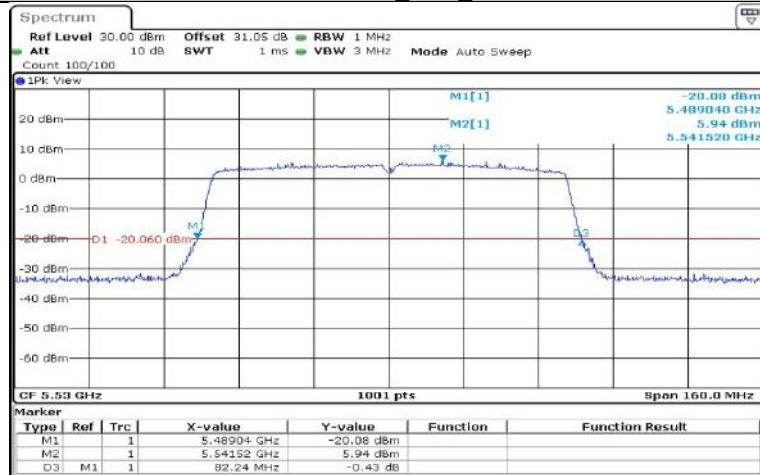


## 11AC80MIMO\_Ant0\_5530



Date: 7.FEB.2023 09:00:50

## 11AC80MIMO\_Ant1\_5530



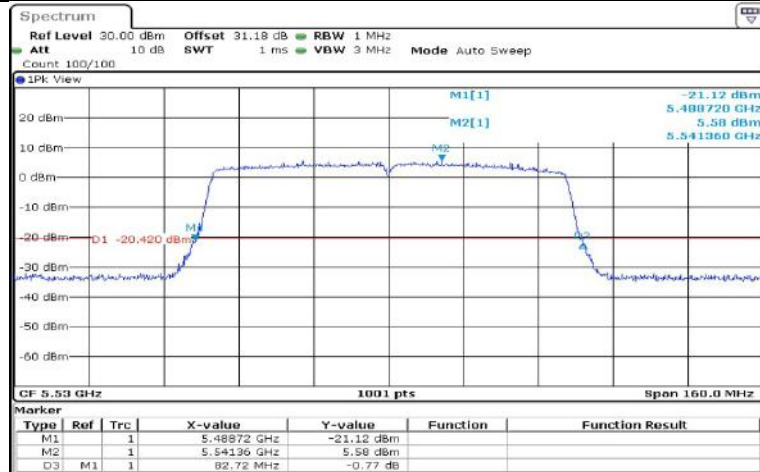
Date: 7.FEB.2023 09:02:21

## 11AC80MIMO\_Ant2\_5530

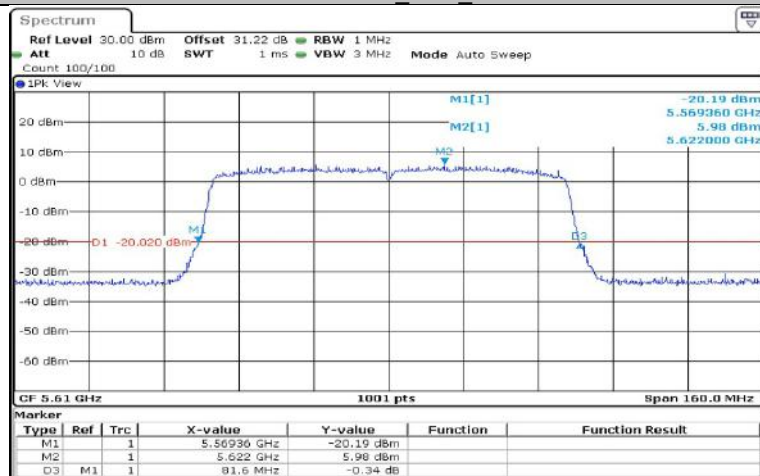


Date: 7.FEB.2023 09:03:50

## 11AC80MIMO\_Ant3\_5530



## 11AC80MIMO\_Ant0\_5610



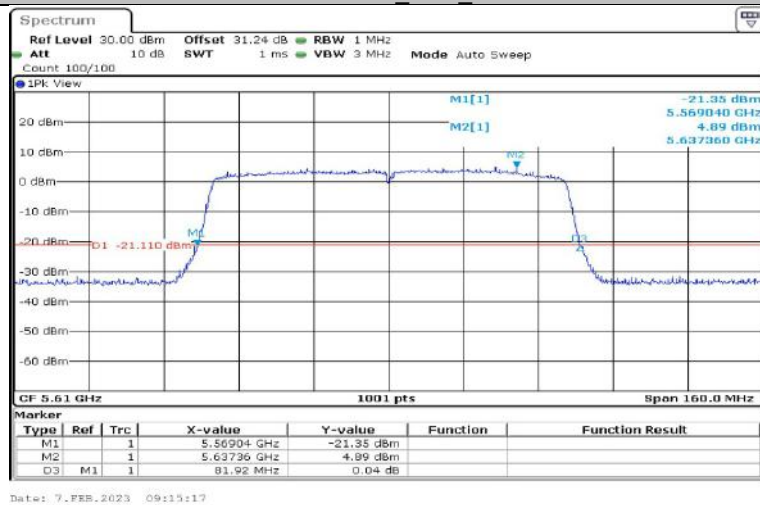
## 11AC80MIMO\_Ant1\_5610



## 11AC80MIMO\_Ant2\_5610



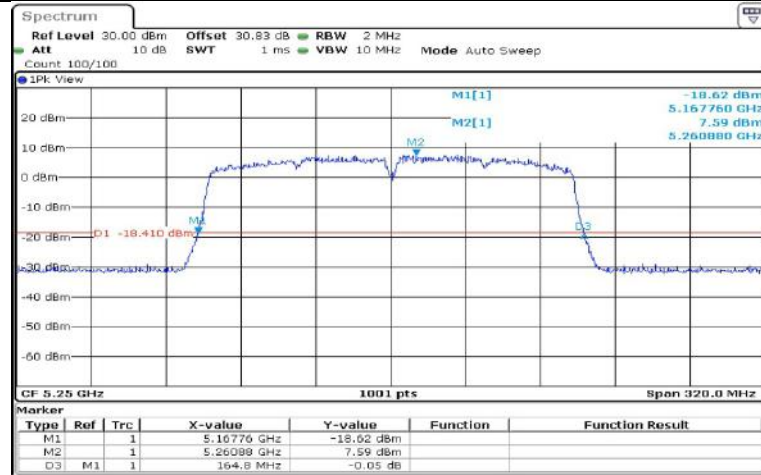
## 11AC80MIMO\_Ant3\_5610



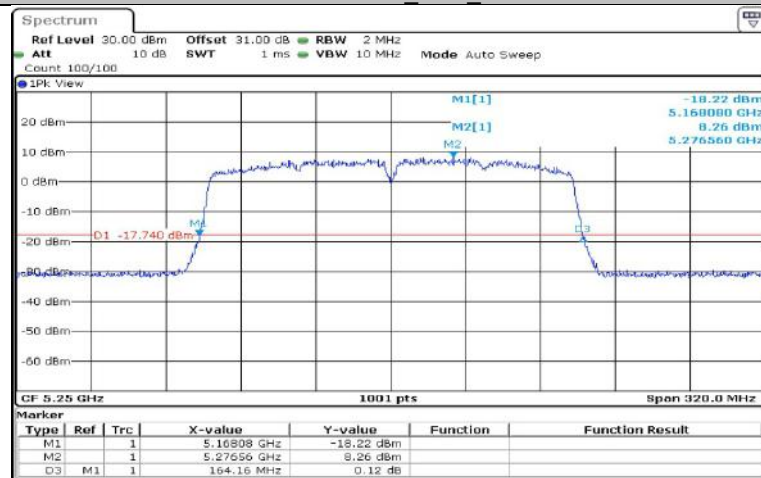
## 11AC160MIMO\_Ant0\_5250



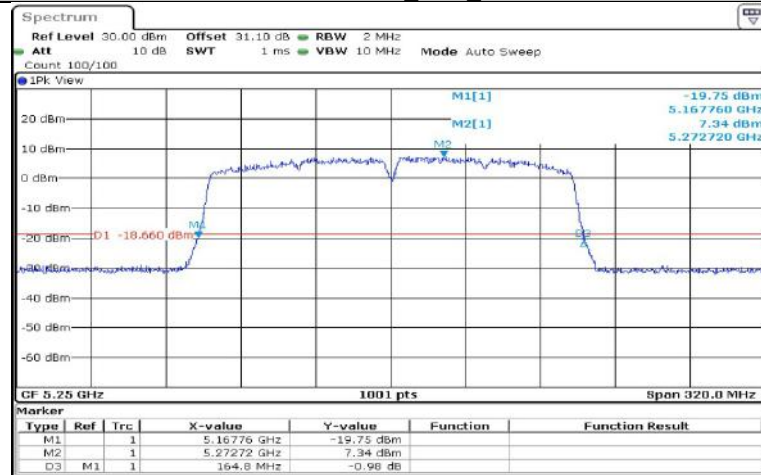
## 11AC160MIMO\_Ant1\_5250



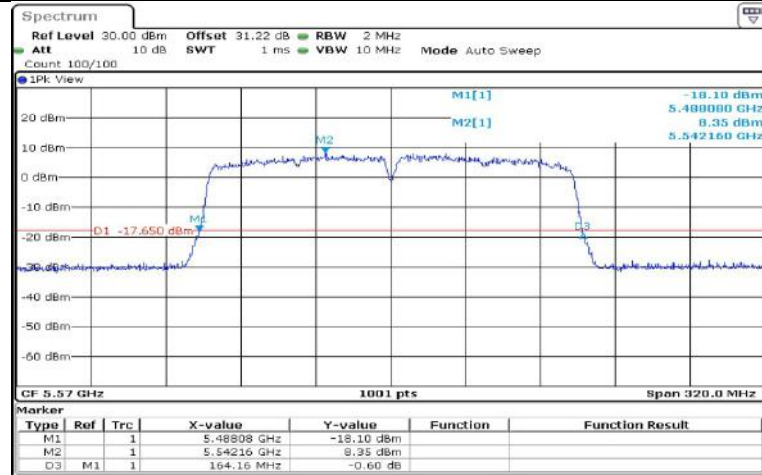
## 11AC160MIMO\_Ant2\_5250



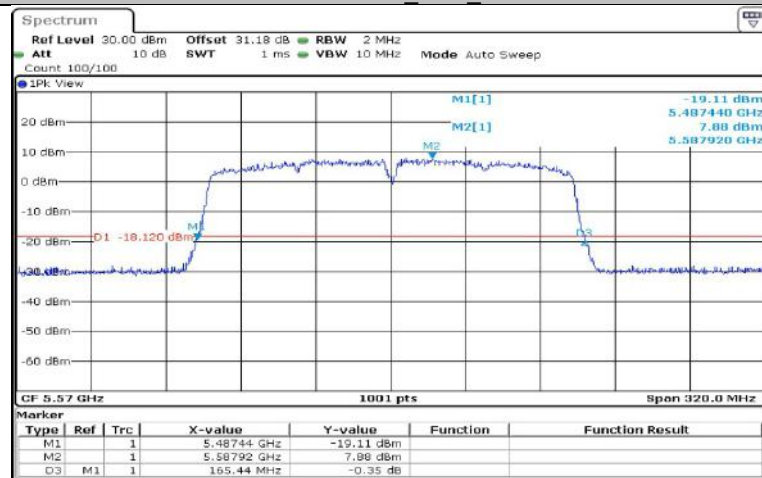
## 11AC160MIMO\_Ant3\_5250



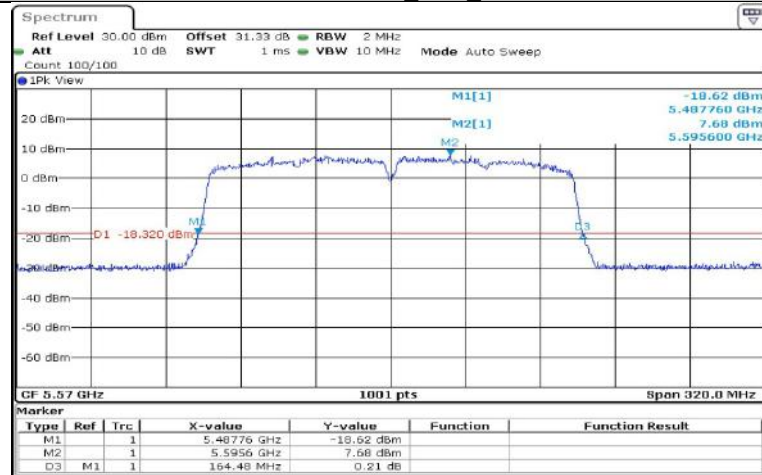
## 11AC160MIMO\_Ant0\_5570



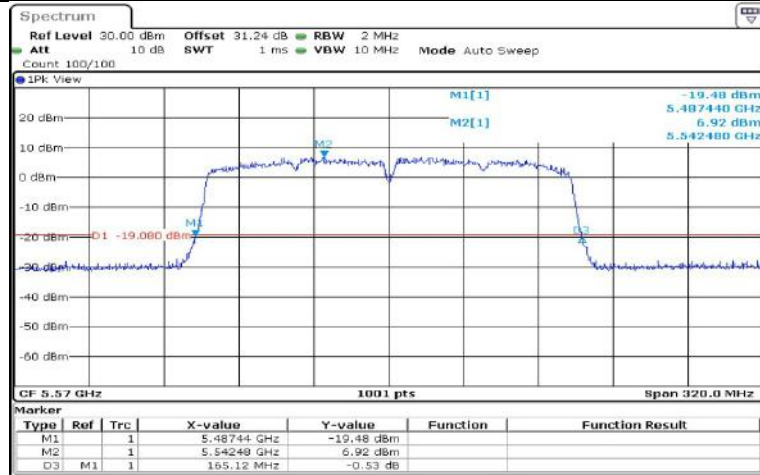
## 11AC160MIMO\_Ant1\_5570



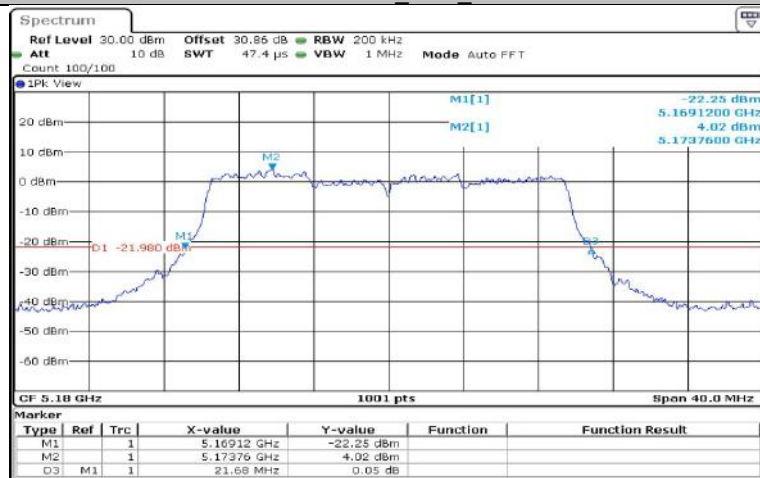
## 11AC160MIMO\_Ant2\_5570



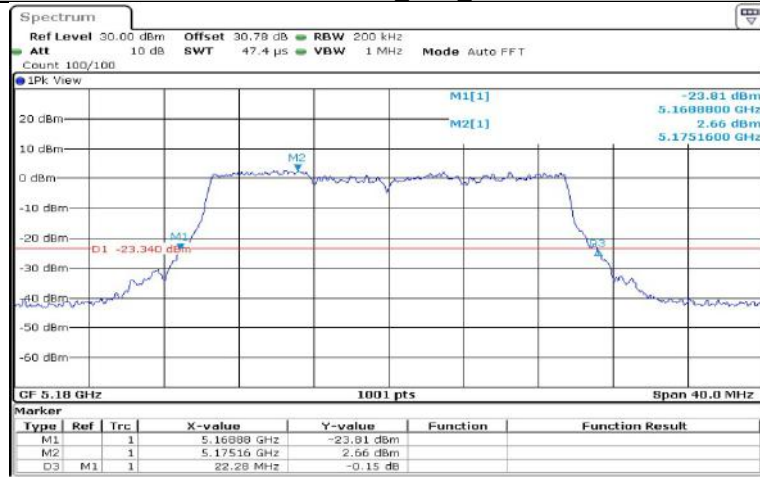
## 11AC160MIMO\_Ant3\_5570



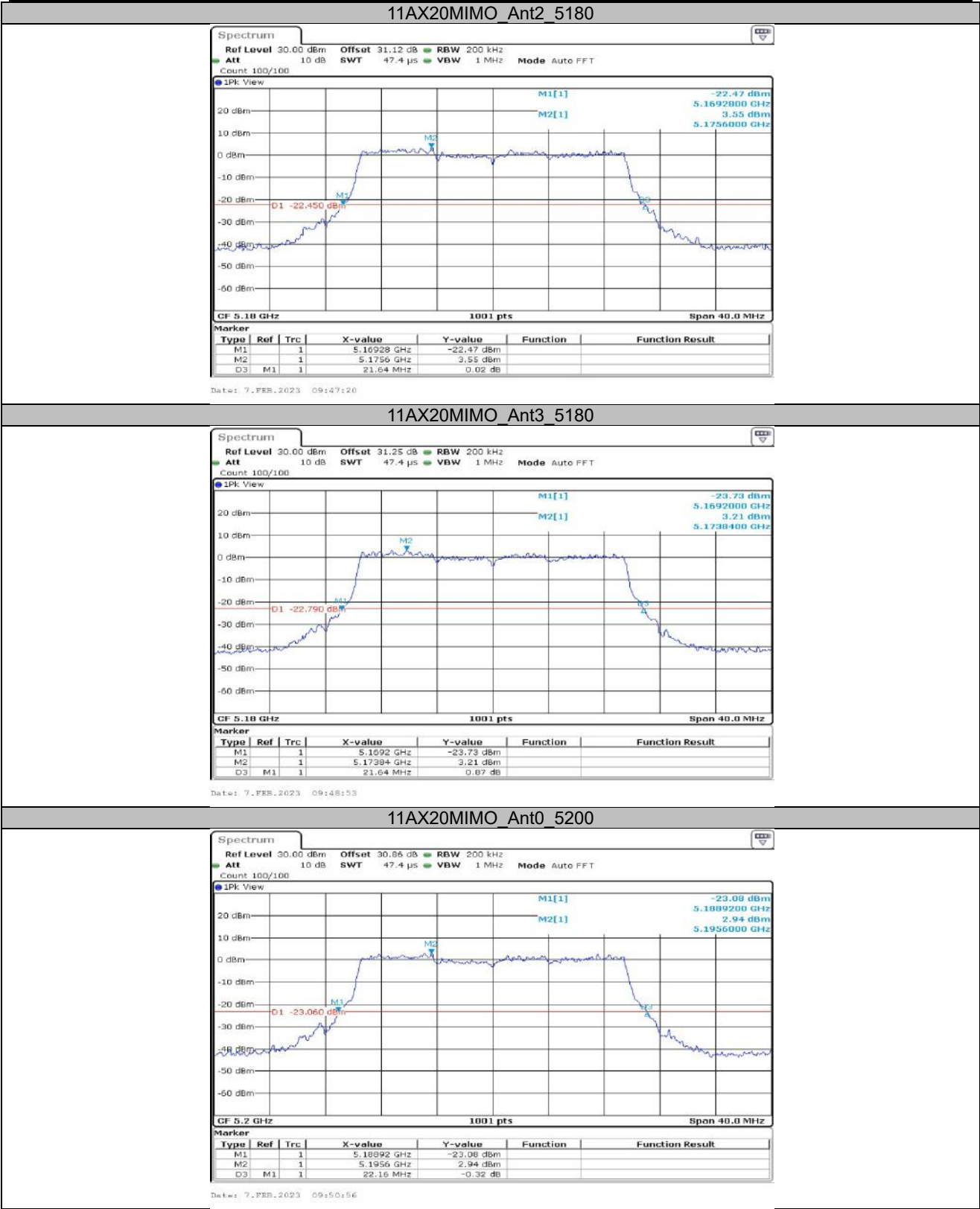
## 11AX20MIMO\_Ant0\_5180



## 11AX20MIMO\_Ant1\_5180

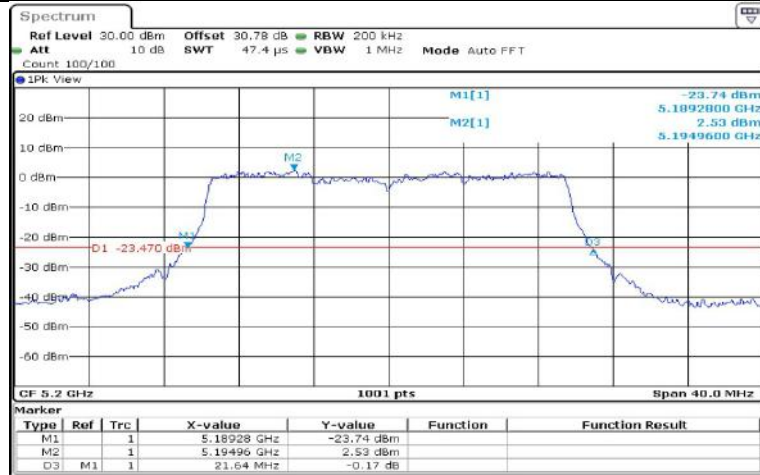




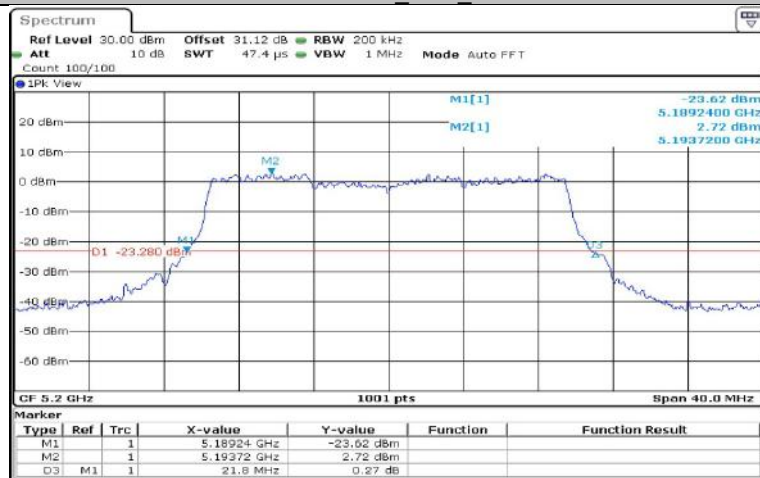




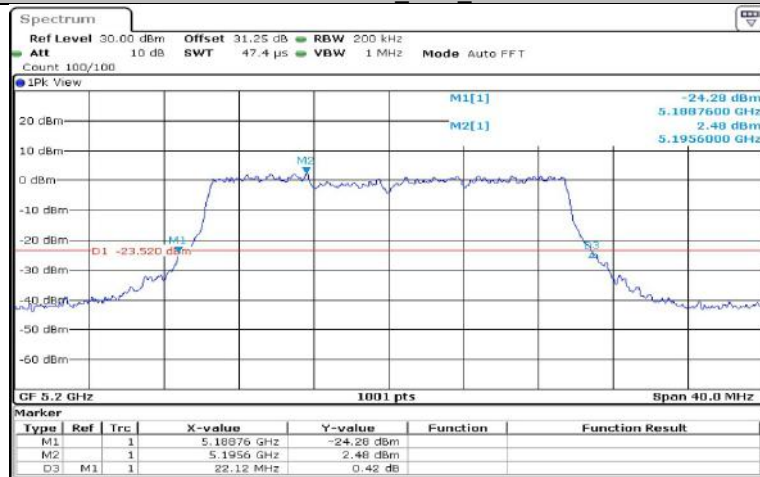
## 11AX20MIMO\_Ant1\_5200

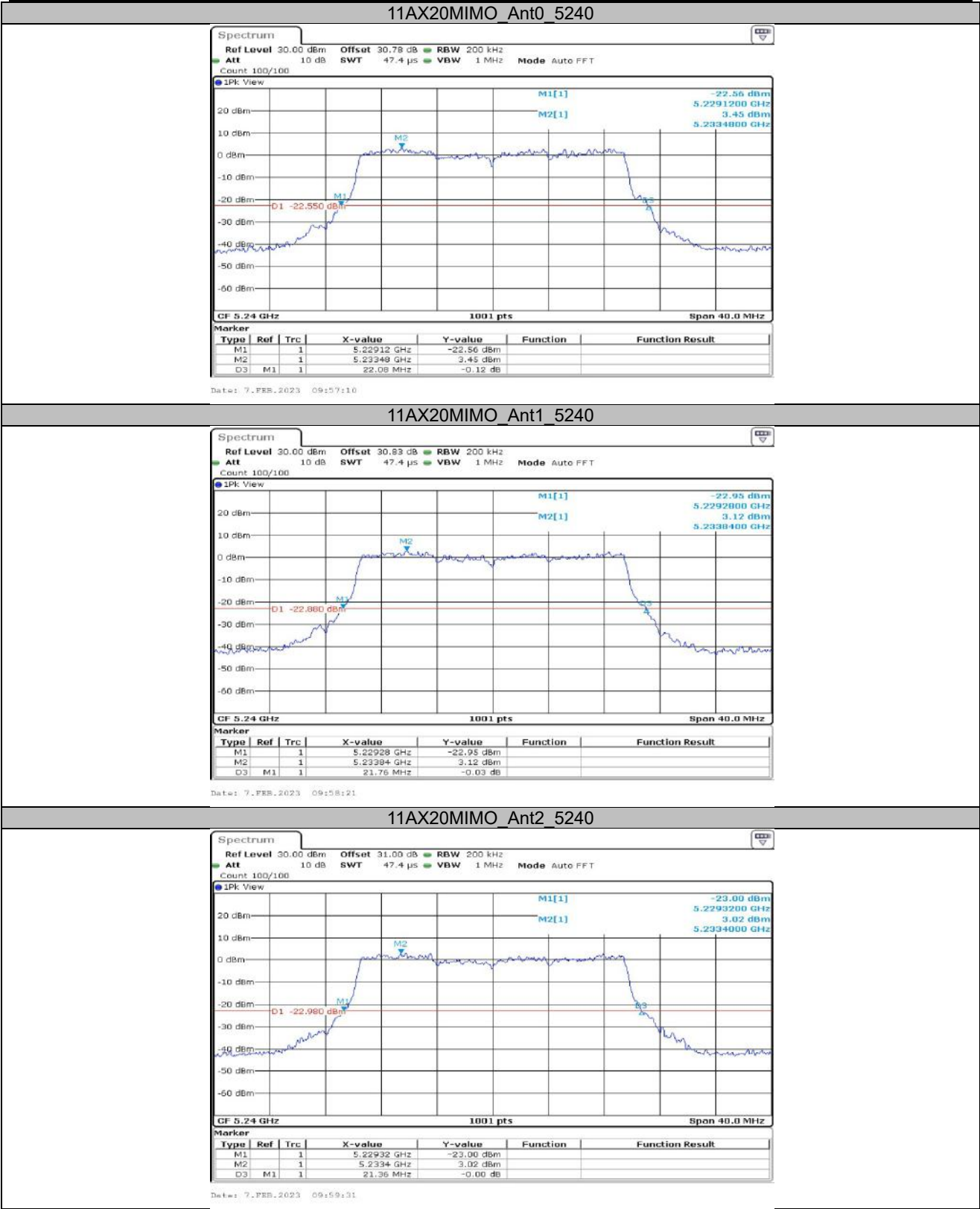


## 11AX20MIMO\_Ant2\_5200

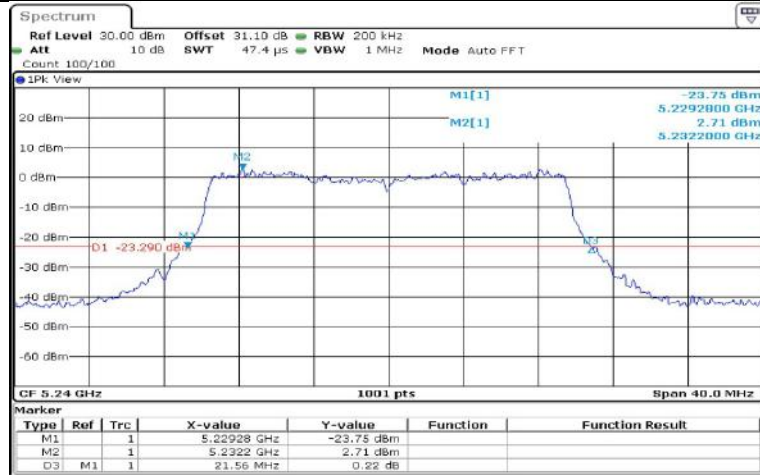


## 11AX20MIMO\_Ant3\_5200



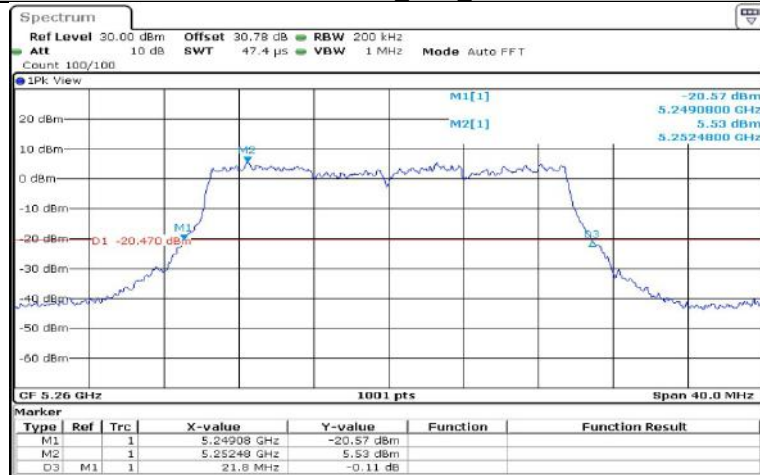


## 11AX20MIMO\_Ant3\_5240



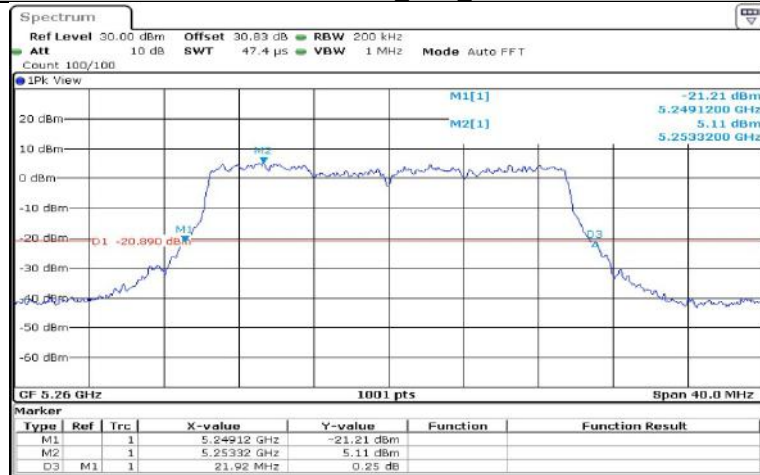
Date: 7.FEB.2023 10:00:43

## 11AX20MIMO\_Ant0\_5260



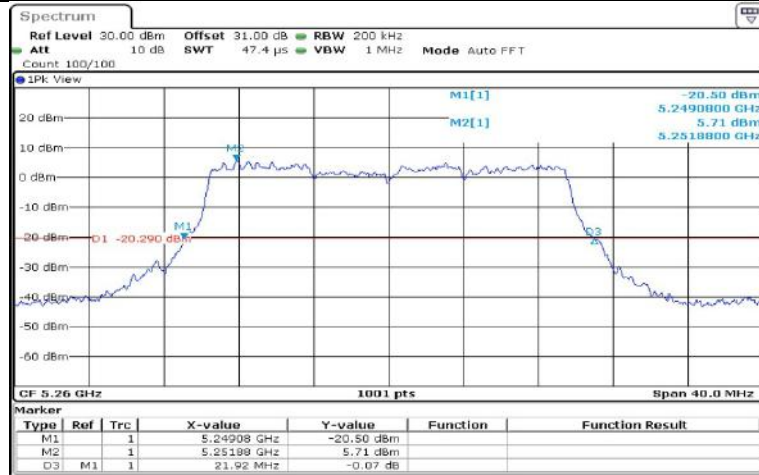
Date: 7.FEB.2023 10:03:21

## 11AX20MIMO\_Ant1\_5260



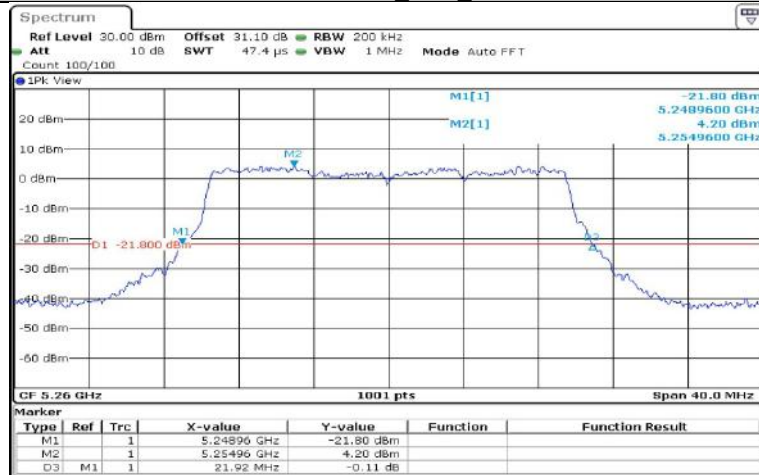
Date: 7.FEB.2023 10:04:33

## 11AX20MIMO\_Ant2\_5260



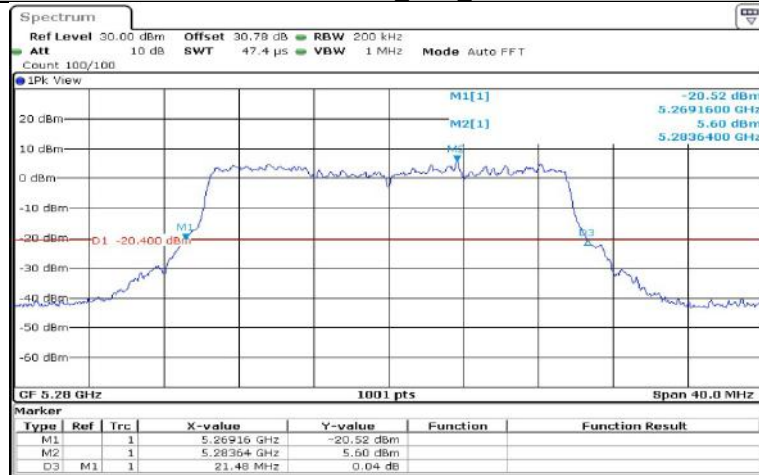
Date: 7.FEB.2023 10:05:45

## 11AX20MIMO\_Ant3\_5260



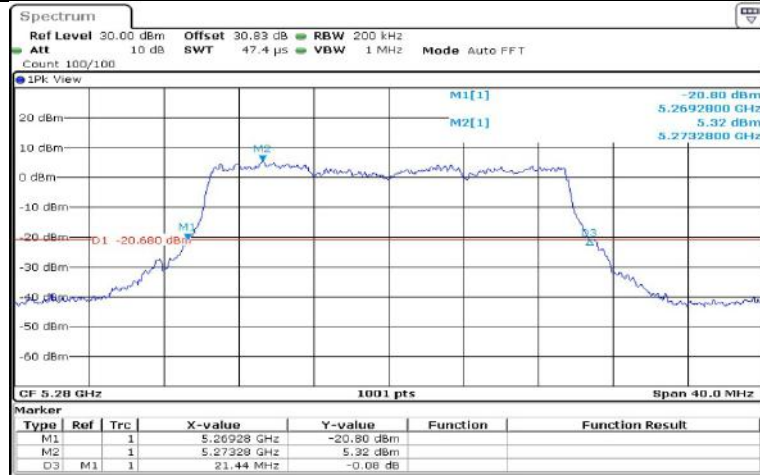
Date: 7.FEB.2023 10:06:57

## 11AX20MIMO\_Ant0\_5280



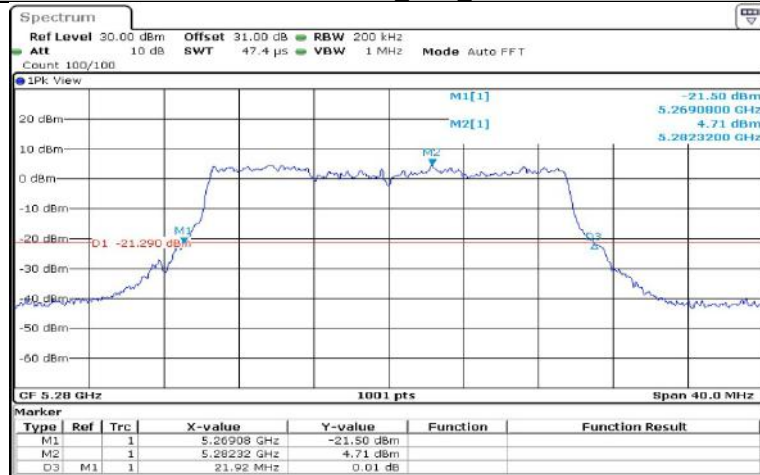
Date: 7.FEB.2023 10:08:57

## 11AX20MIMO\_Ant1\_5280



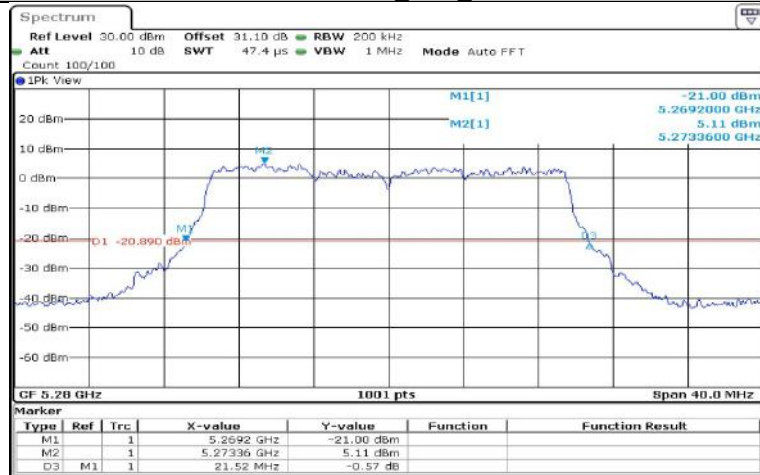
Date: 7.FEB.2023 10:10:08

## 11AX20MIMO\_Ant2\_5280



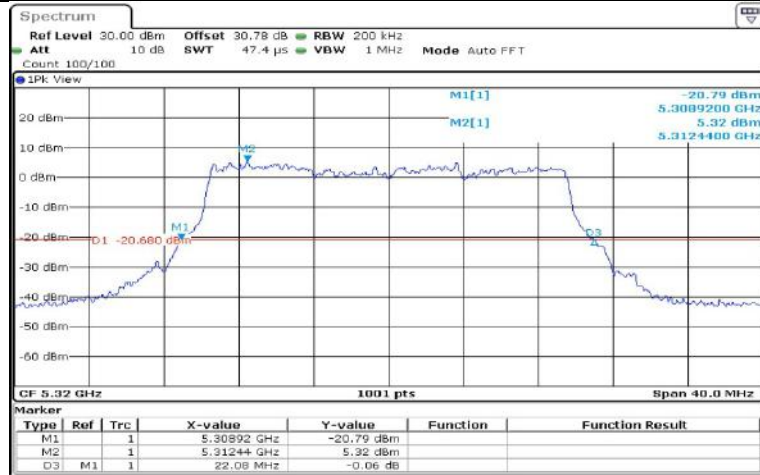
Date: 7.FEB.2023 10:11:26

## 11AX20MIMO\_Ant3\_5280

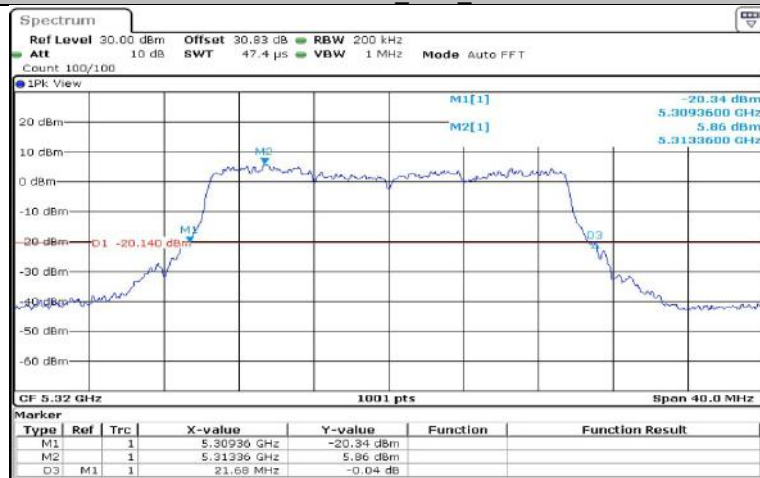


Date: 7.FEB.2023 10:12:44

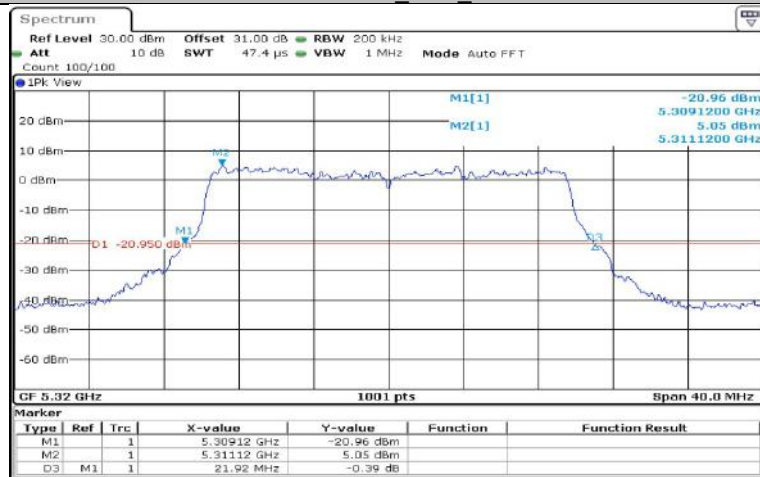
## 11AX20MIMO\_Ant0\_5320



## 11AX20MIMO\_Ant1\_5320

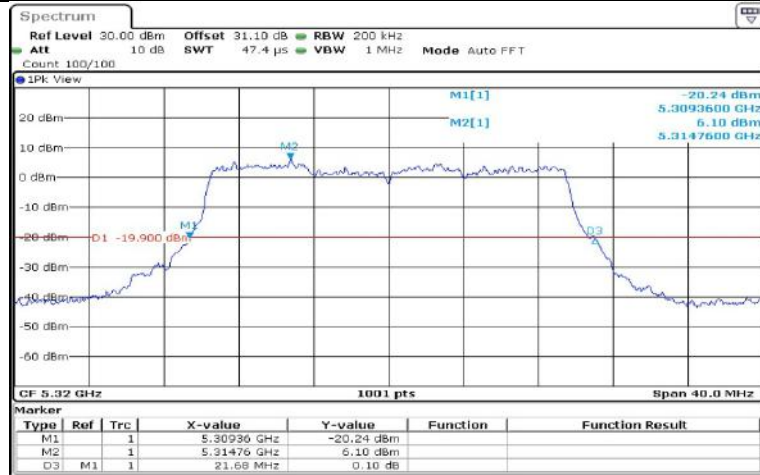


## 11AX20MIMO\_Ant2\_5320

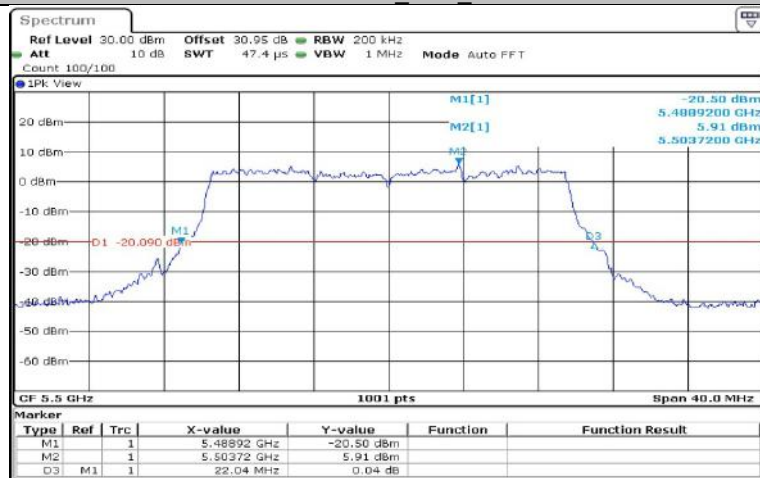




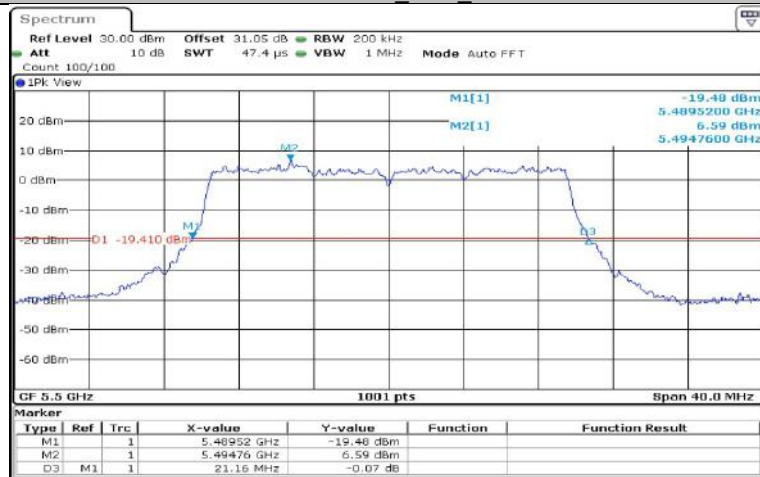
## 11AX20MIMO\_Ant3\_5320



## 11AX20MIMO\_Ant0\_5500

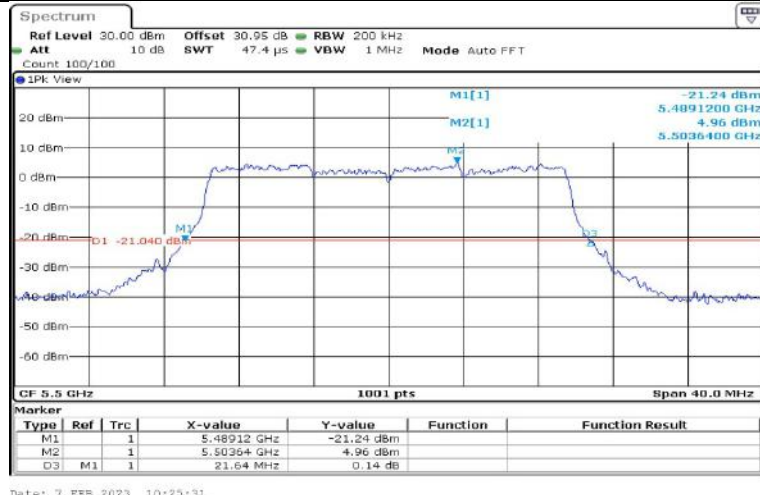


## 11AX20MIMO\_Ant1\_5500





## 11AX20MIMO\_Ant2\_5500



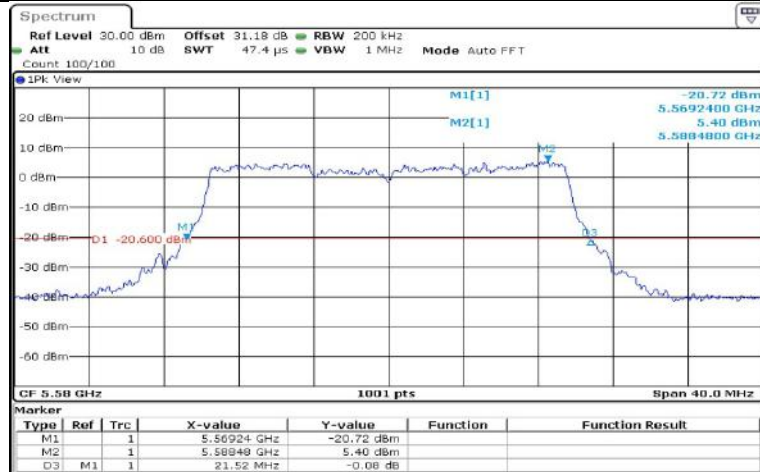
## 11AX20MIMO\_Ant3\_5500



## 11AX20MIMO\_Ant0\_5580

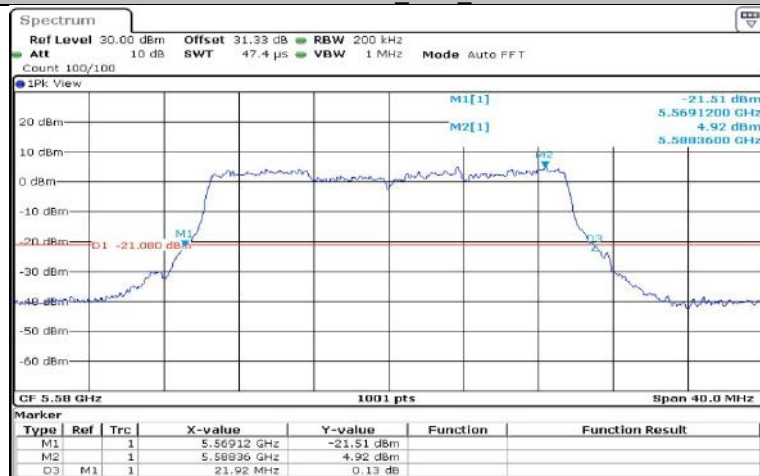


## 11AX20MIMO\_Ant1\_5580



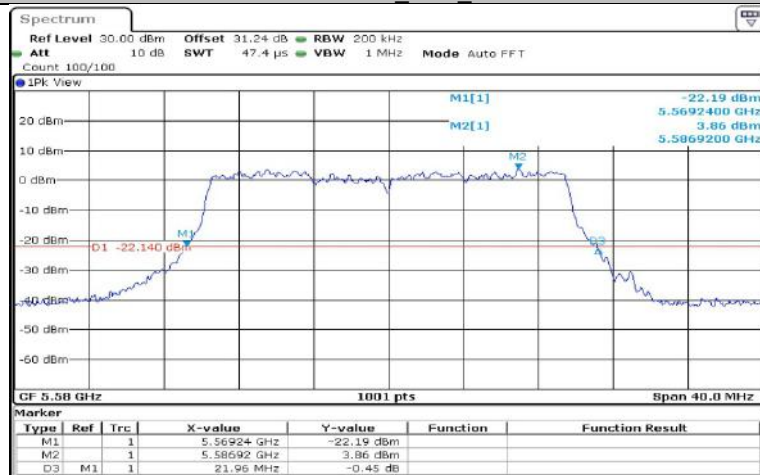
Date: 7.FEB.2023 10:31:01

## 11AX20MIMO\_Ant2\_5580

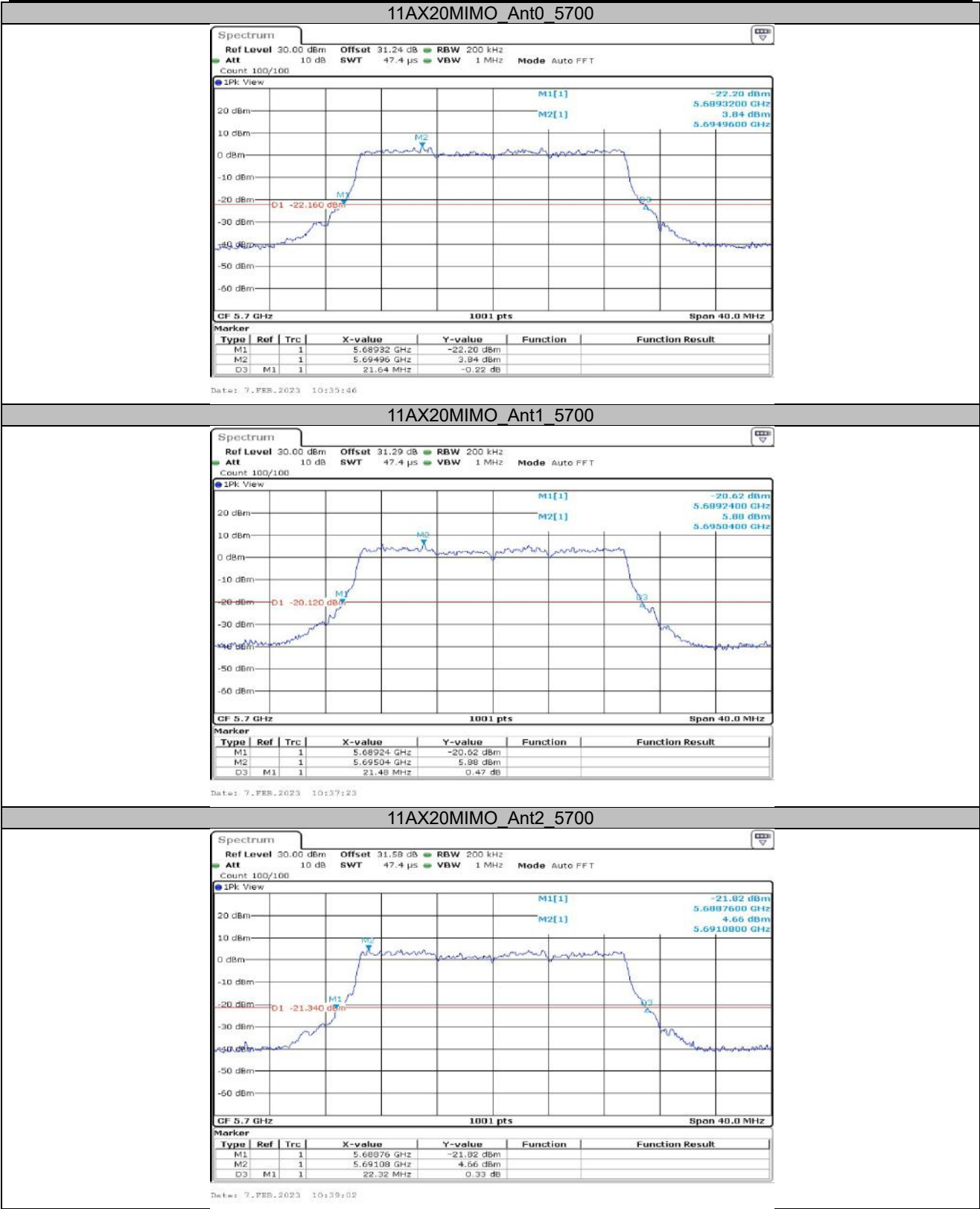


Date: 7.FEB.2023 10:32:19

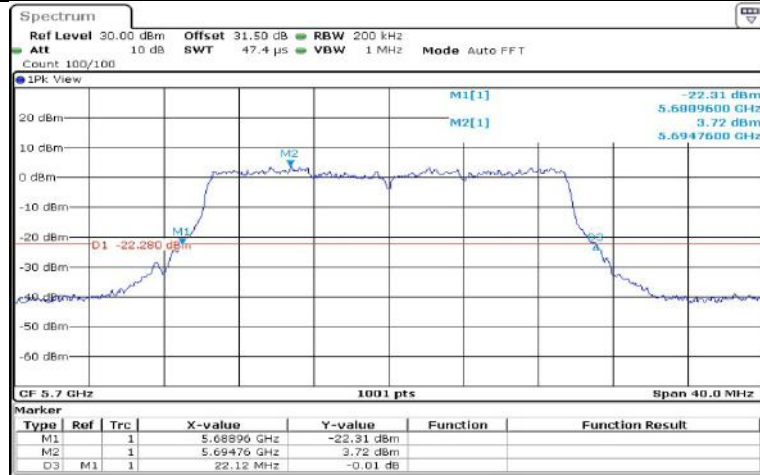
## 11AX20MIMO\_Ant3\_5580



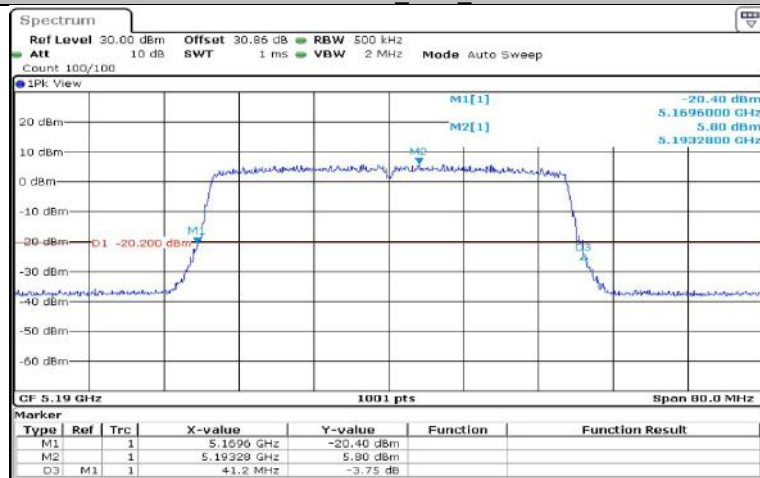
Date: 7.FEB.2023 10:33:36



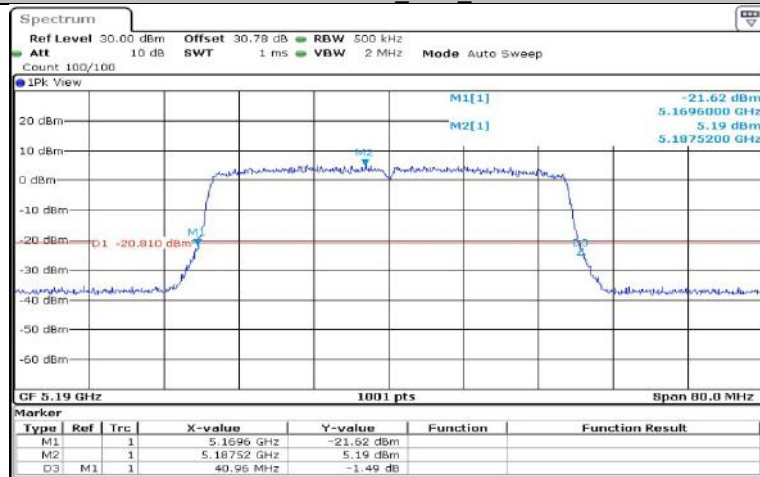
## 11AX20MIMO\_Ant3\_5700



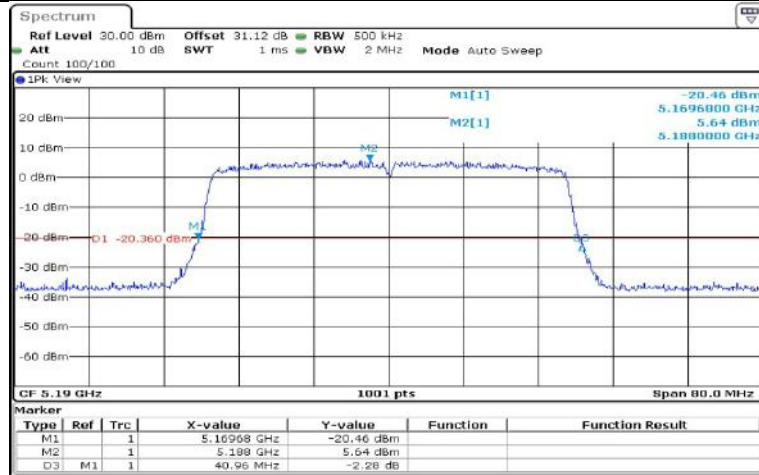
## 11AX40MIMO\_Ant0\_5190



## 11AX40MIMO\_Ant1\_5190

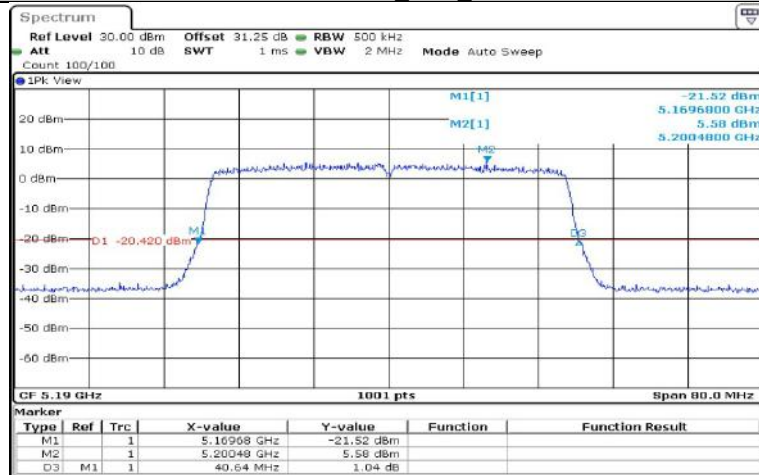


## 11AX40MIMO\_Ant2\_5190



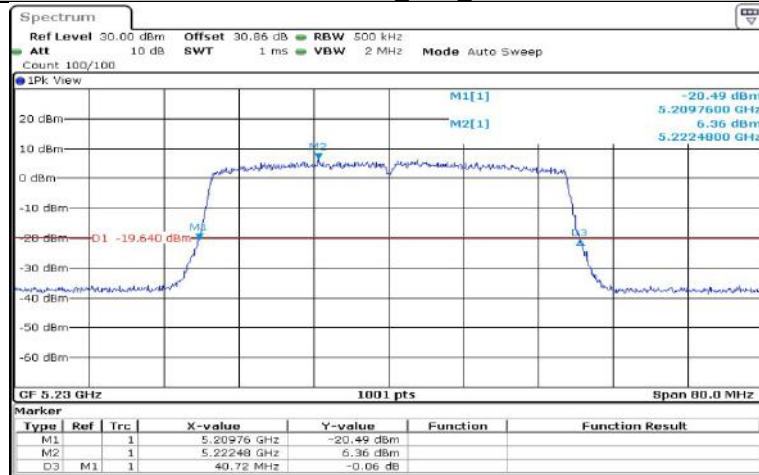
Date: 7.FEB.2023 11:12:41

## 11AX40MIMO\_Ant3\_5190



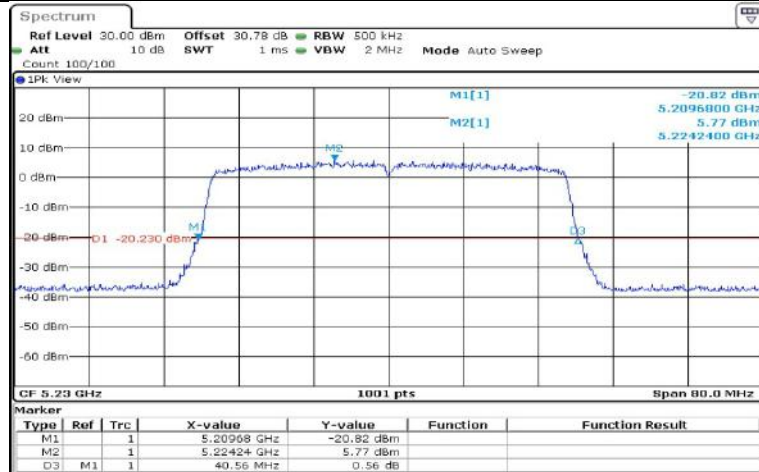
Date: 7.FEB.2023 11:14:20

## 11AX40MIMO\_Ant0\_5230



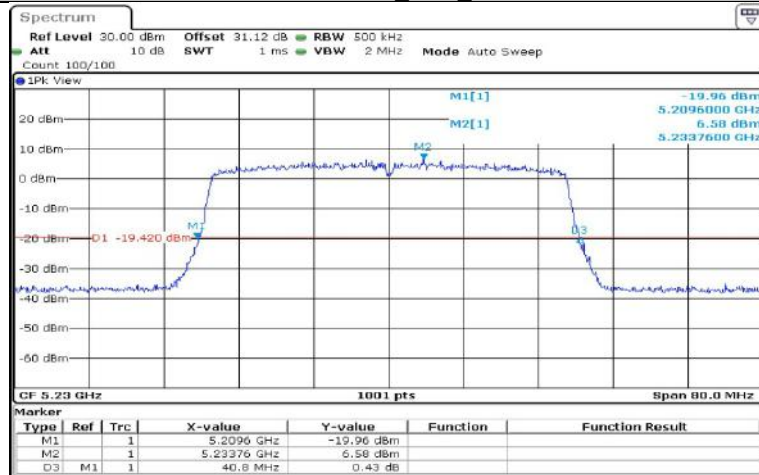
Date: 7.FEB.2023 11:18:34

## 11AX40MIMO\_Ant1\_5230



Date: 7.FEB.2023 11:19:50

## 11AX40MIMO\_Ant2\_5230



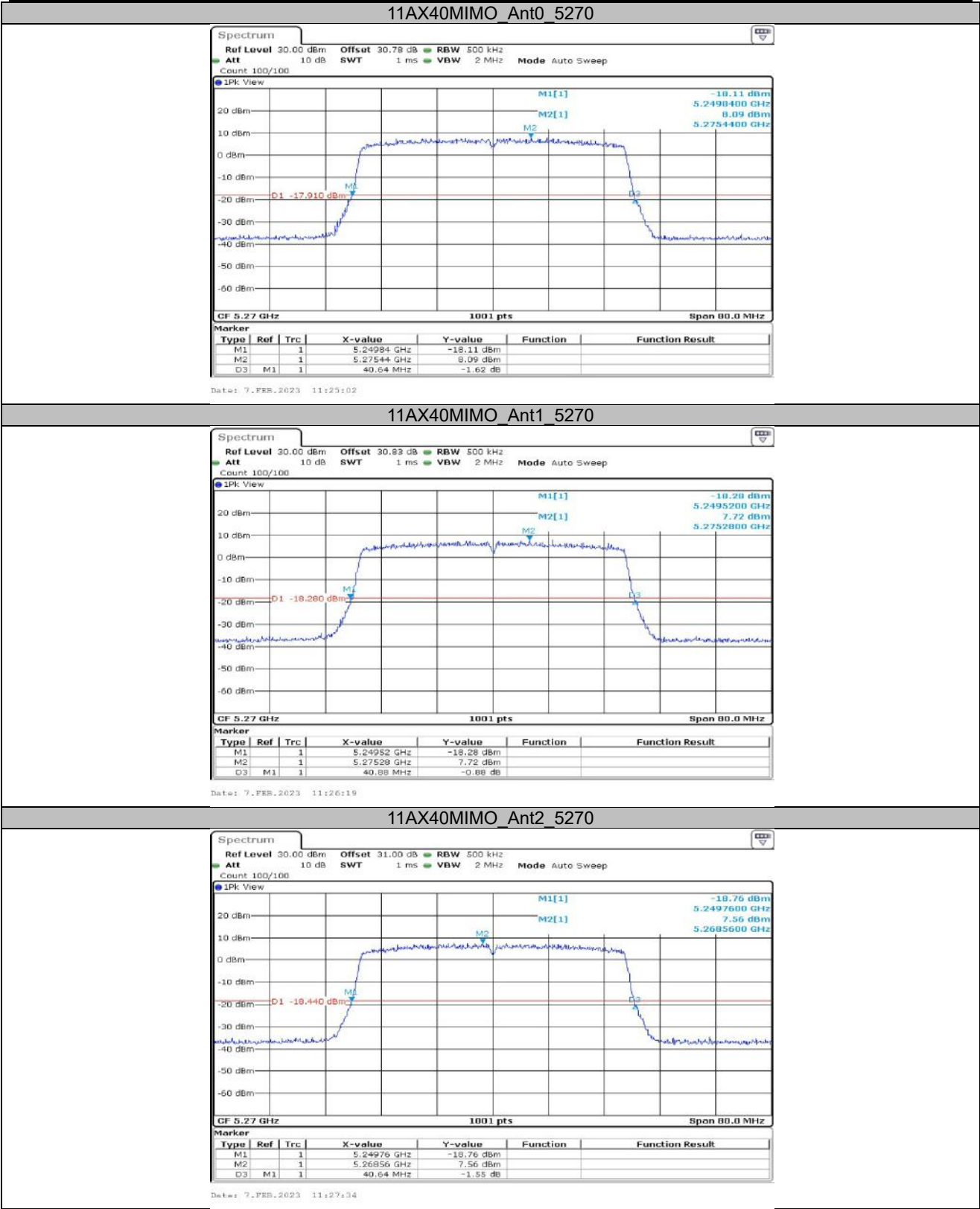
Date: 7.FEB.2023 11:21:08

## 11AX40MIMO\_Ant3\_5230



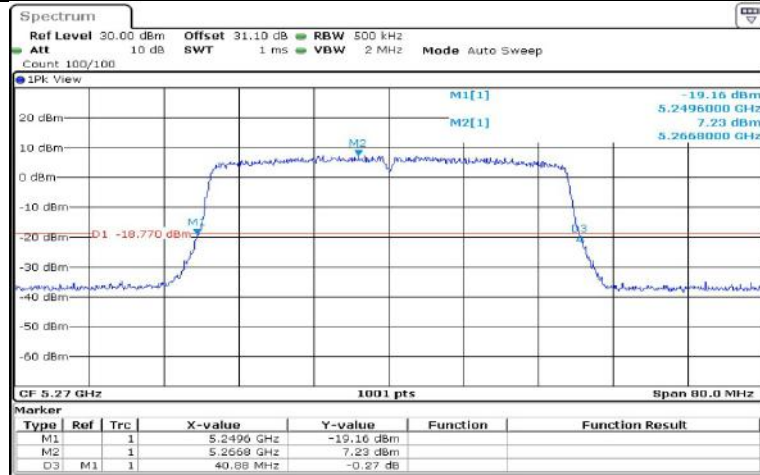
Date: 7.FEB.2023 11:22:26



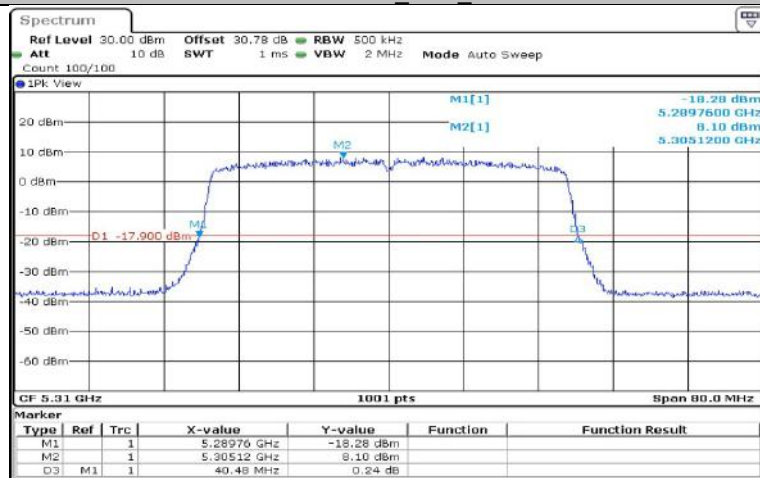




## 11AX40MIMO\_Ant3\_5270



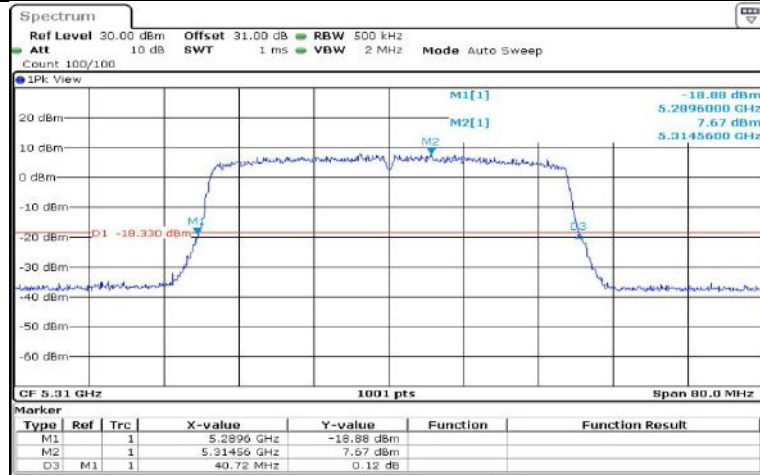
## 11AX40MIMO\_Ant0\_5310



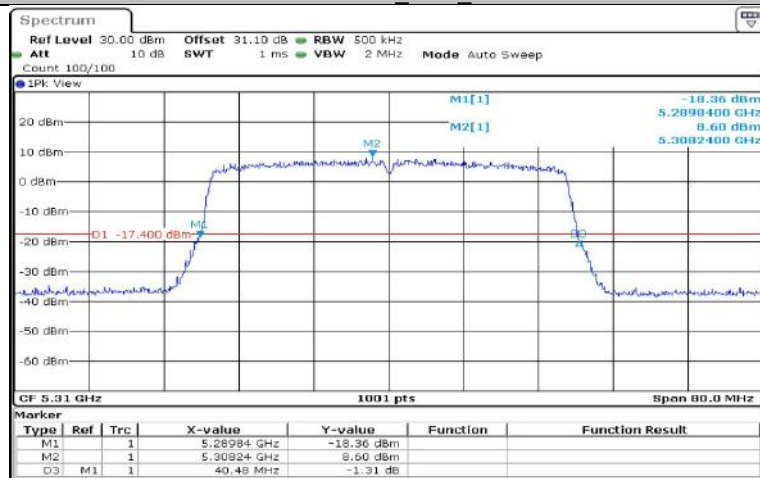
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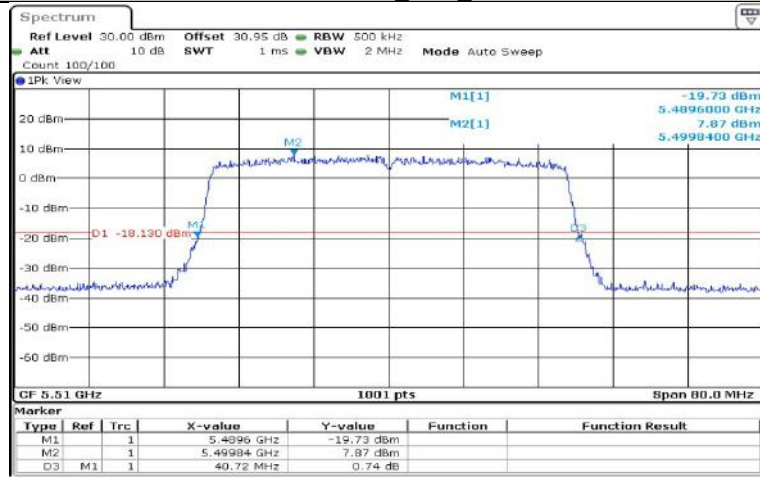
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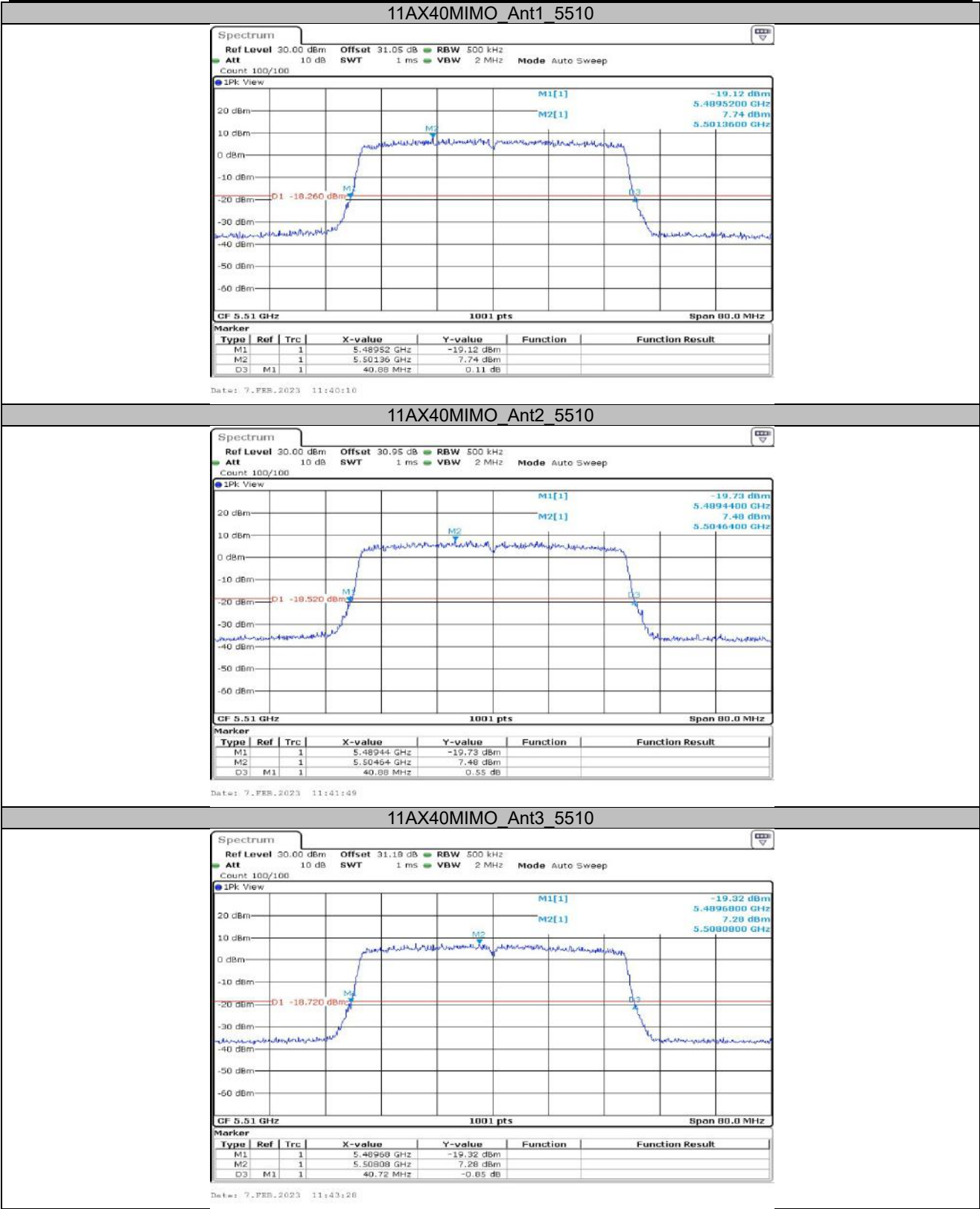


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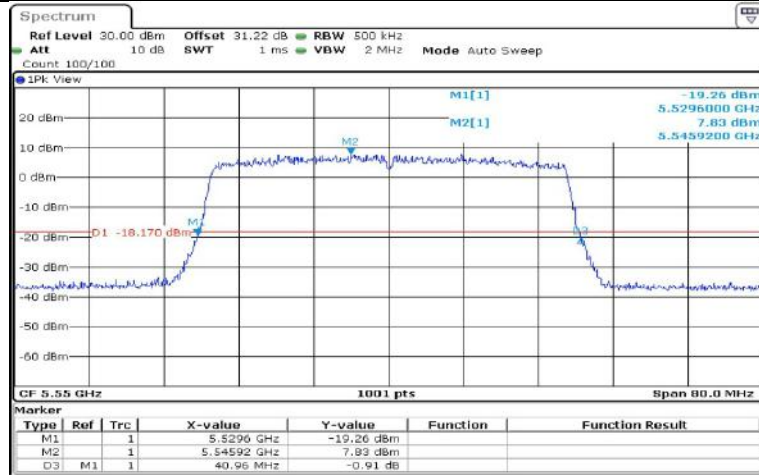


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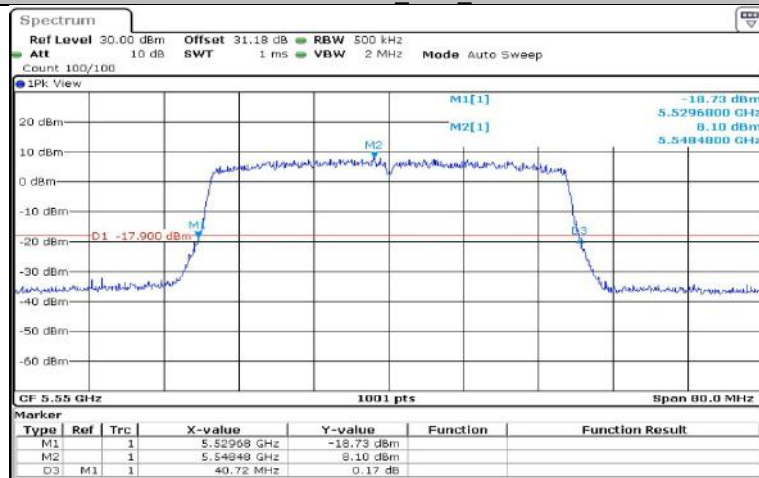




## 11AX40MIMO\_Ant0\_5550



## 11AX40MIMO\_Ant1\_5550



## 11AX40MIMO\_Ant2\_5550

