

## Appendix A3: Min emission bandwidth

### Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	9.16	5740.76	5749.92	0.5	PASS
	Ant2	5745	10.04	5739.88	5749.92	0.5	PASS
	Ant1	5785	15.92	5776.76	5792.68	0.5	PASS
	Ant2	5785	12.76	5777.40	5790.16	0.5	PASS
	Ant1	5825	16.28	5816.76	5833.04	0.5	PASS
	Ant2	5825	15.92	5816.76	5832.68	0.5	PASS
11N20SISO	Ant1	5745	15.92	5737.36	5753.28	0.5	PASS
	Ant2	5745	15.28	5738.00	5753.28	0.5	PASS
	Ant1	5785	8.84	5781.08	5789.92	0.5	PASS
	Ant2	5785	12.92	5779.52	5792.44	0.5	PASS
	Ant1	5825	16.52	5816.48	5833.00	0.5	PASS
	Ant2	5825	16.44	5816.36	5832.80	0.5	PASS
11N40SISO	Ant1	5755	25.92	5746.52	5772.44	0.5	PASS
	Ant2	5755	31.76	5740.76	5772.52	0.5	PASS
	Ant1	5795	33.84	5777.40	5811.24	0.5	PASS
	Ant2	5795	30.16	5777.32	5807.48	0.5	PASS
11AC20SISO	Ant1	5745	16.44	5736.96	5753.40	0.5	PASS
	Ant2	5745	17.56	5736.12	5753.68	0.5	PASS
	Ant1	5785	8.84	5779.88	5788.72	0.5	PASS
	Ant2	5785	15.08	5777.36	5792.44	0.5	PASS
	Ant1	5825	17.52	5816.12	5833.64	0.5	PASS
	Ant2	5825	17.52	5816.12	5833.64	0.5	PASS
11AC40SISO	Ant1	5755	30.08	5739.88	5769.96	0.5	PASS
	Ant2	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant1	5795	27.60	5778.68	5806.28	0.5	PASS
	Ant2	5795	26.40	5783.56	5809.96	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.24	5812.44	0.5	PASS
	Ant2	5775	70.08	5742.36	5812.44	0.5	PASS

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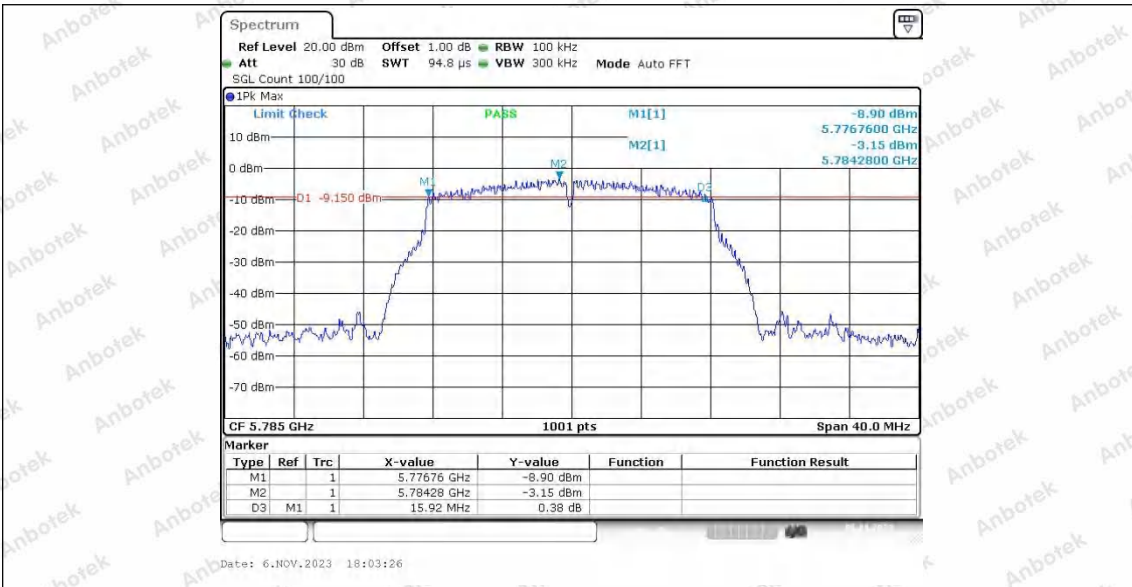


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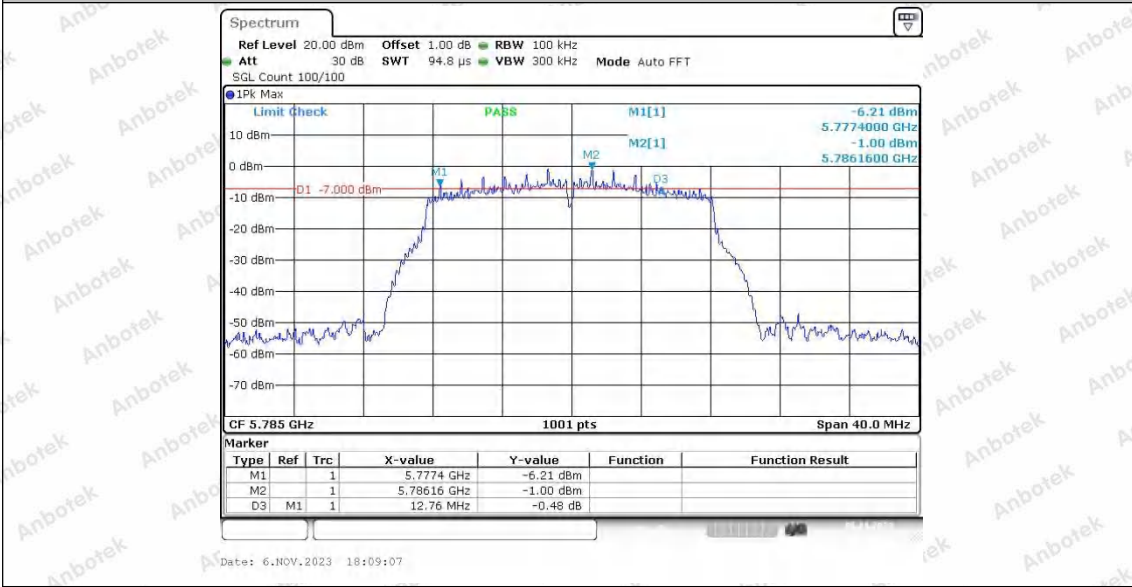


## Test Graphs B4

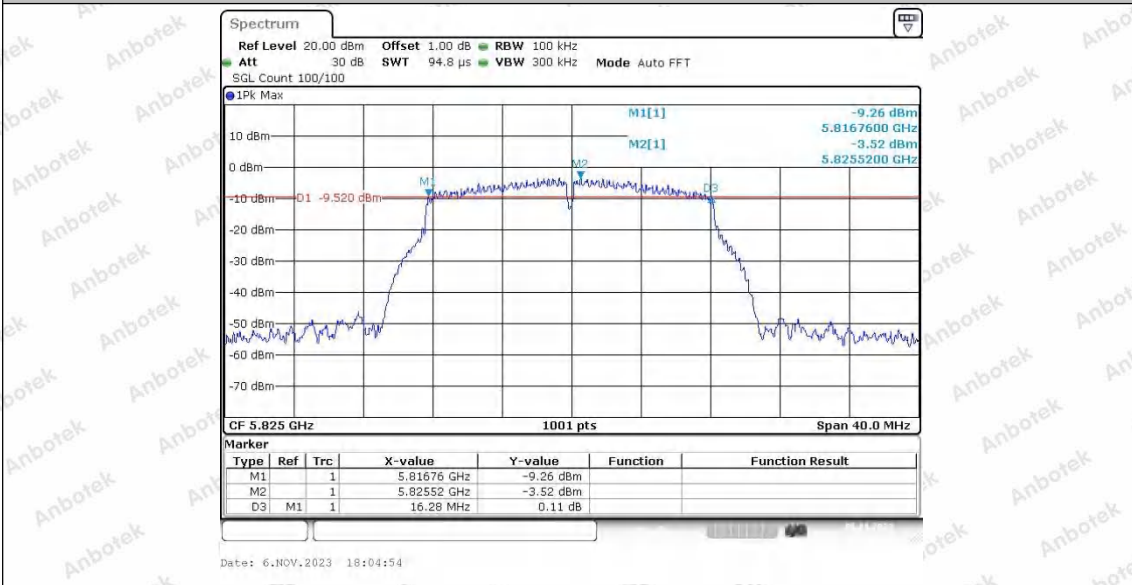




11A\_Ant2\_5785



11A\_Ant1\_5825

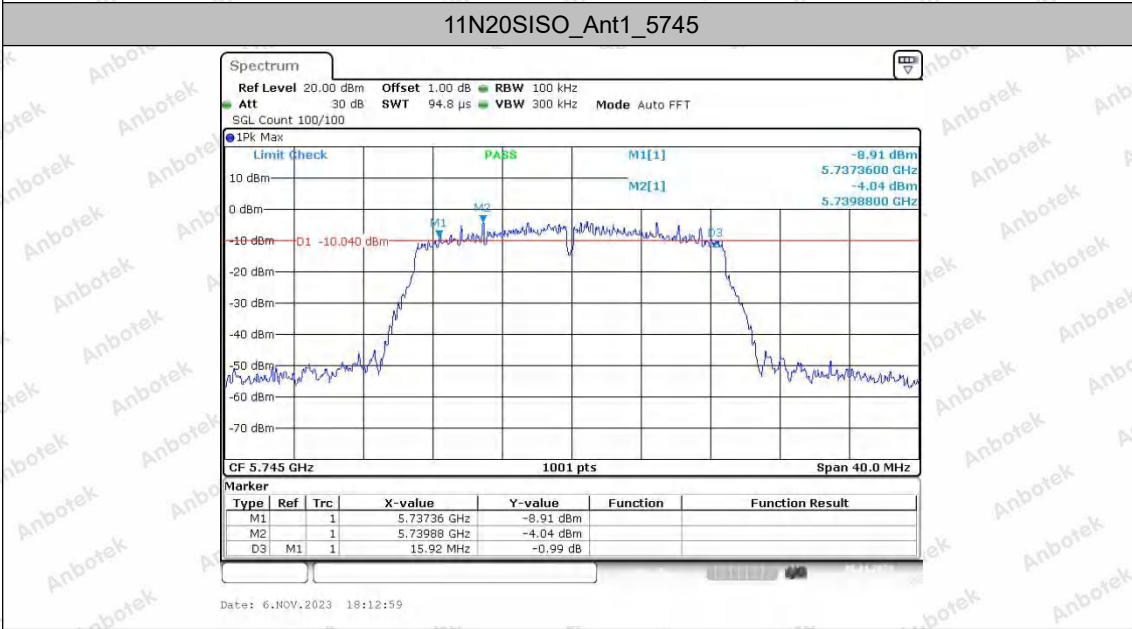
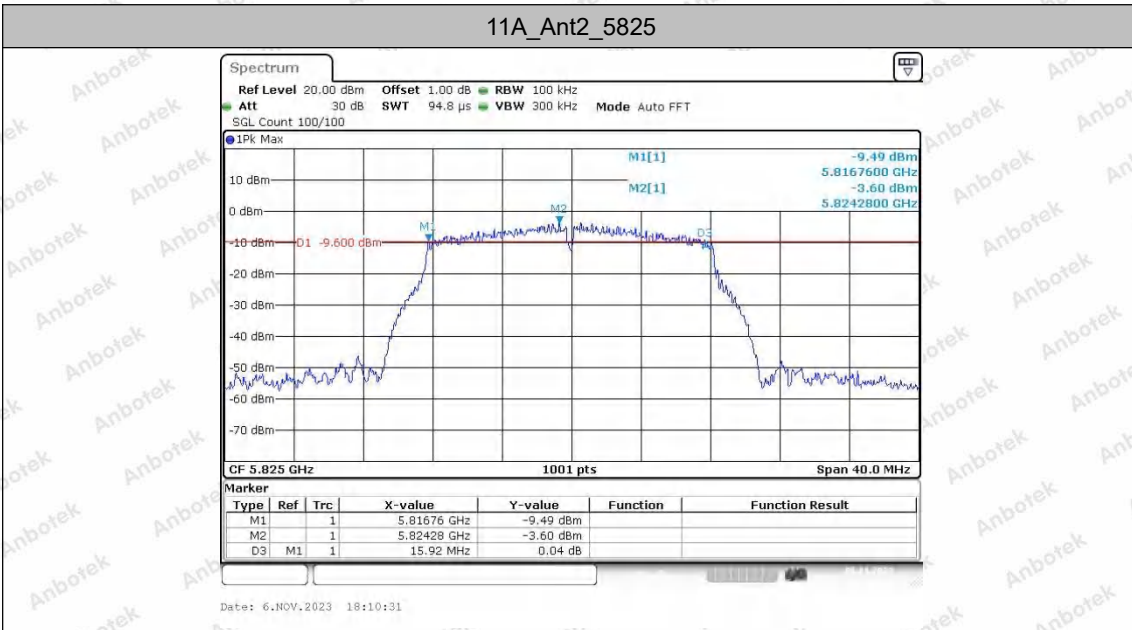


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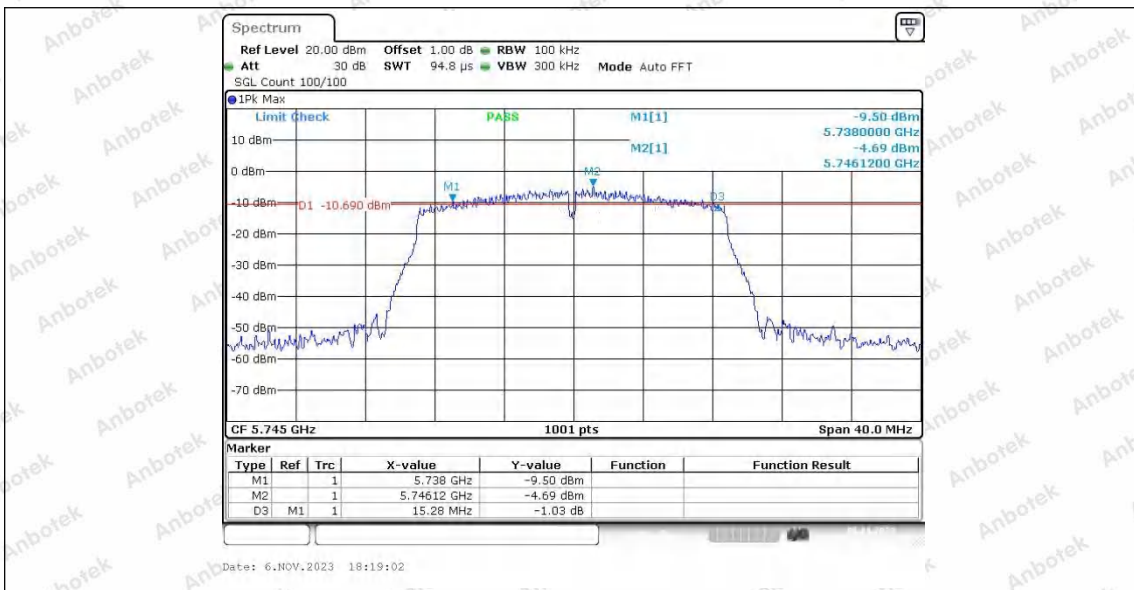
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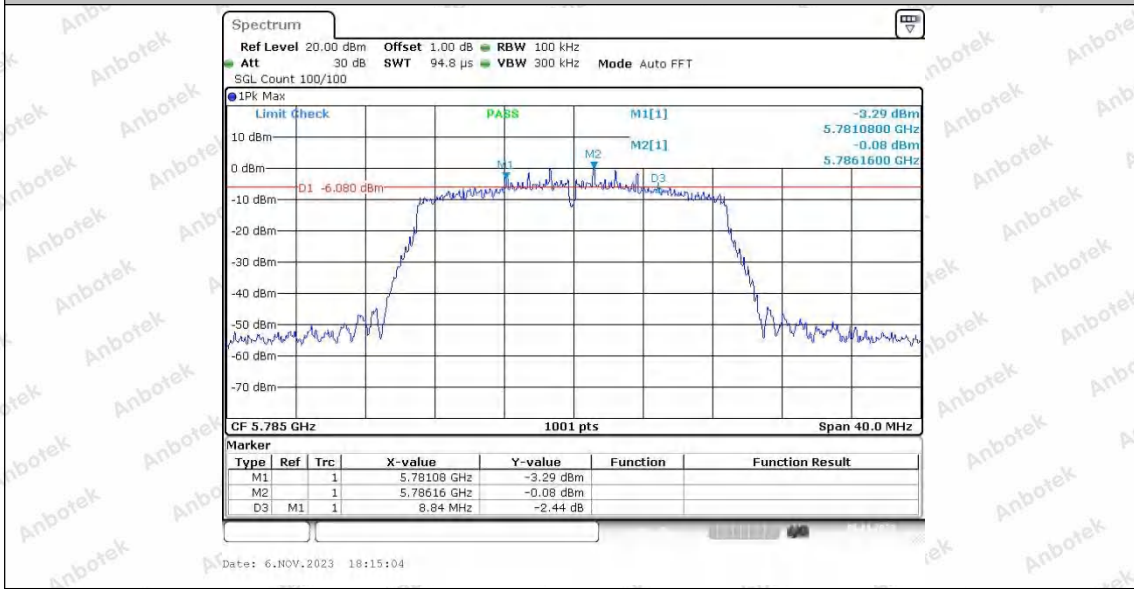
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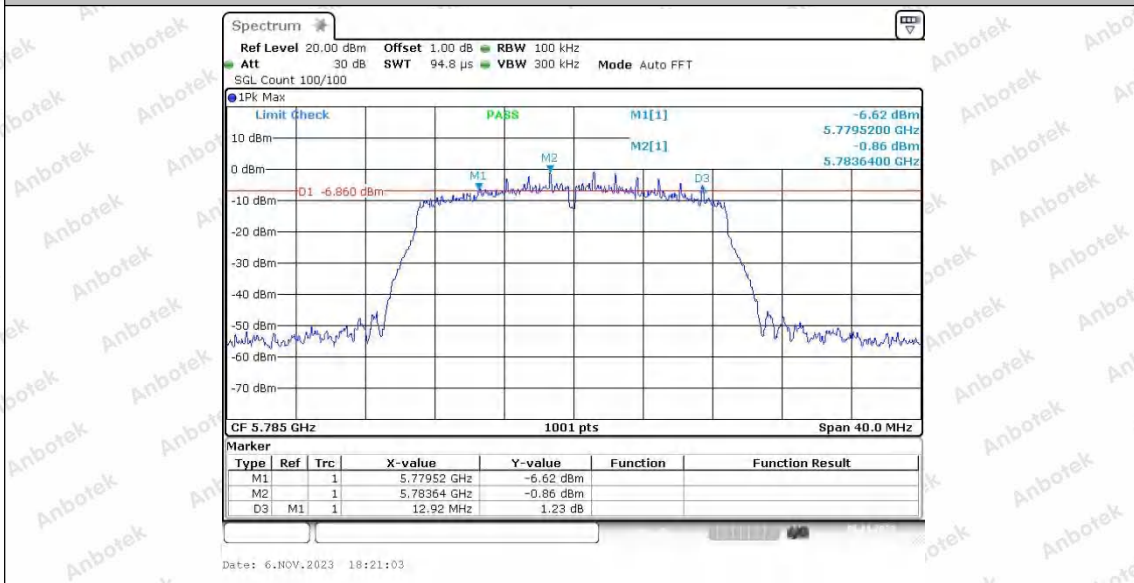




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11N20SISO\_Ant2\_5785



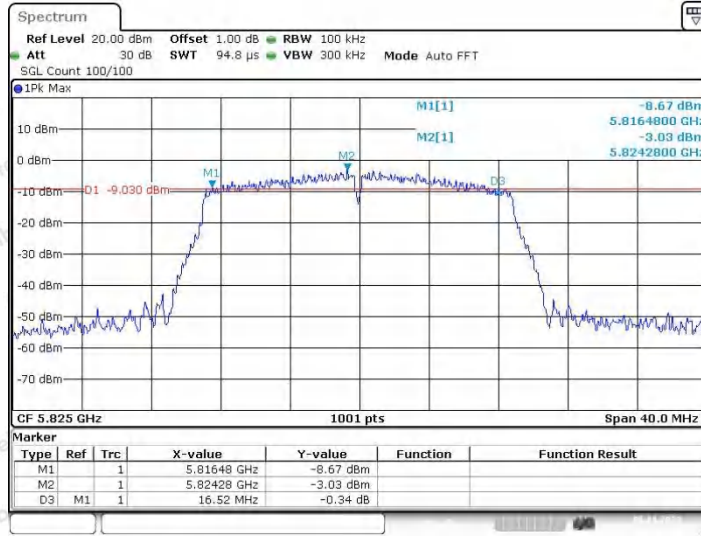
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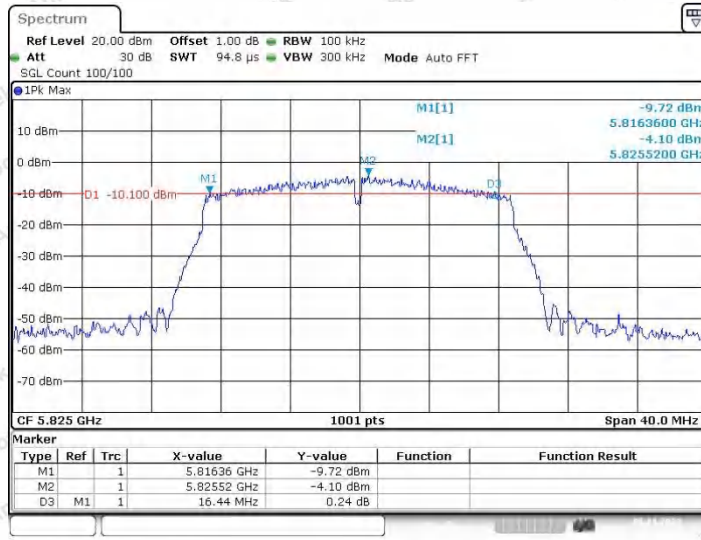


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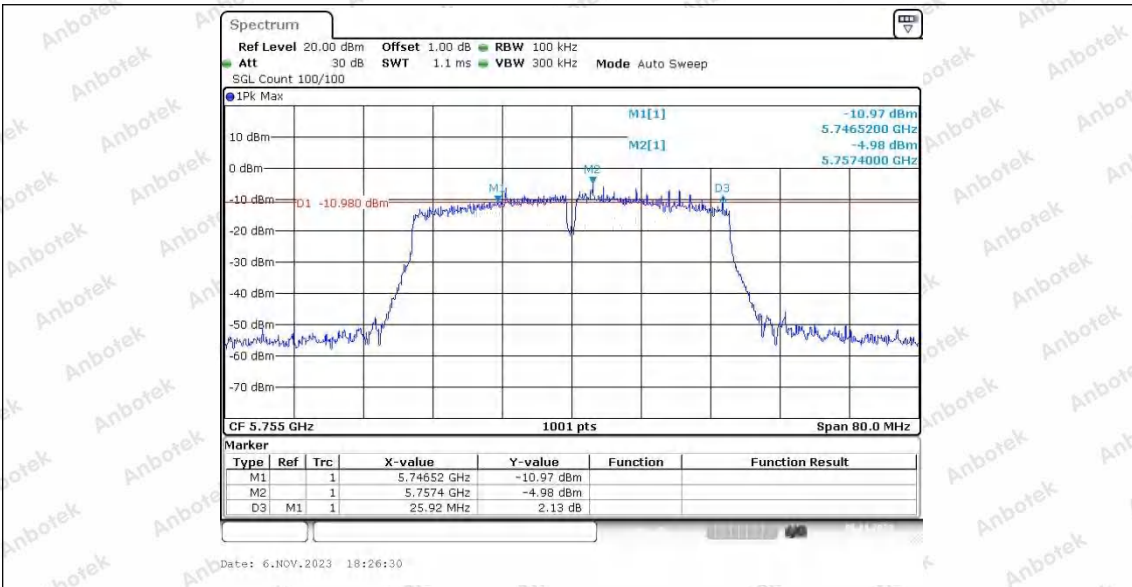
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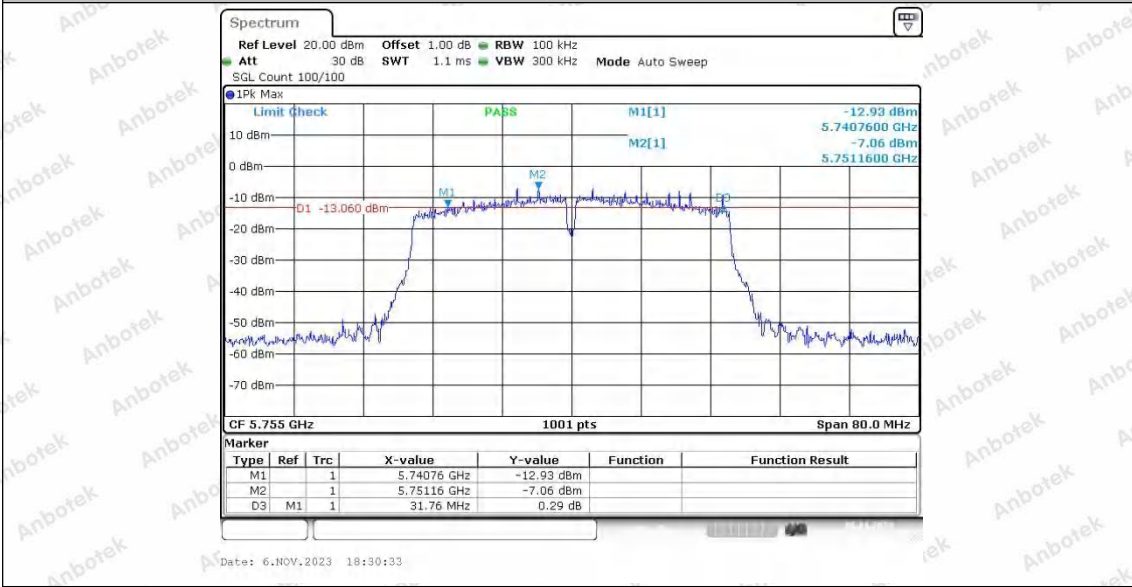


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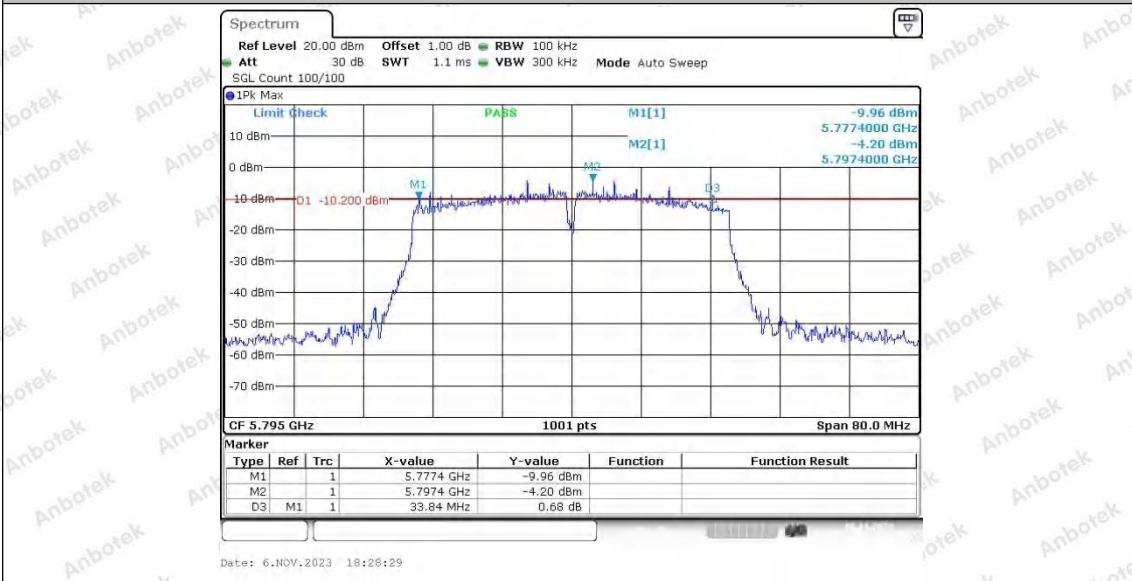




11N40SISO\_Ant2\_5755



11N40SISO\_Ant1\_5795



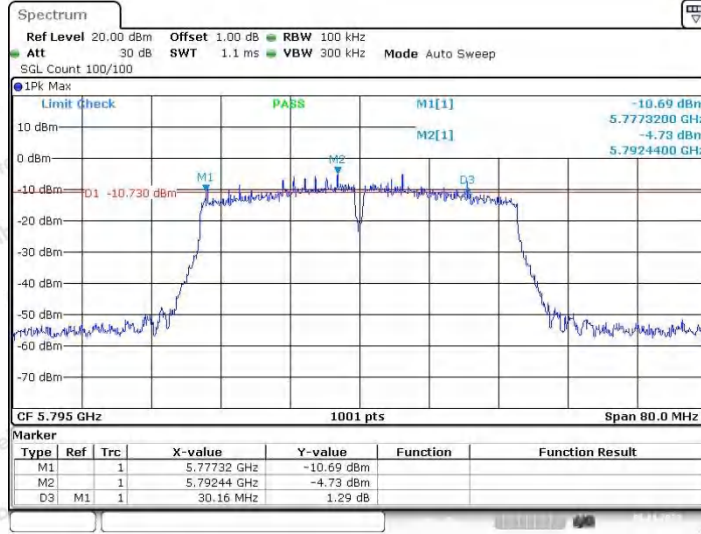
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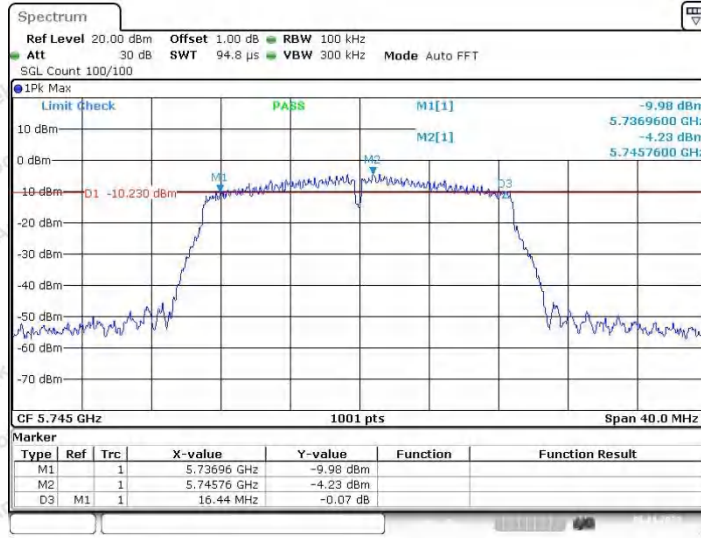
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### 11AC20SISO\_Ant1\_5745



### 11AC20SISO\_Ant2\_5745

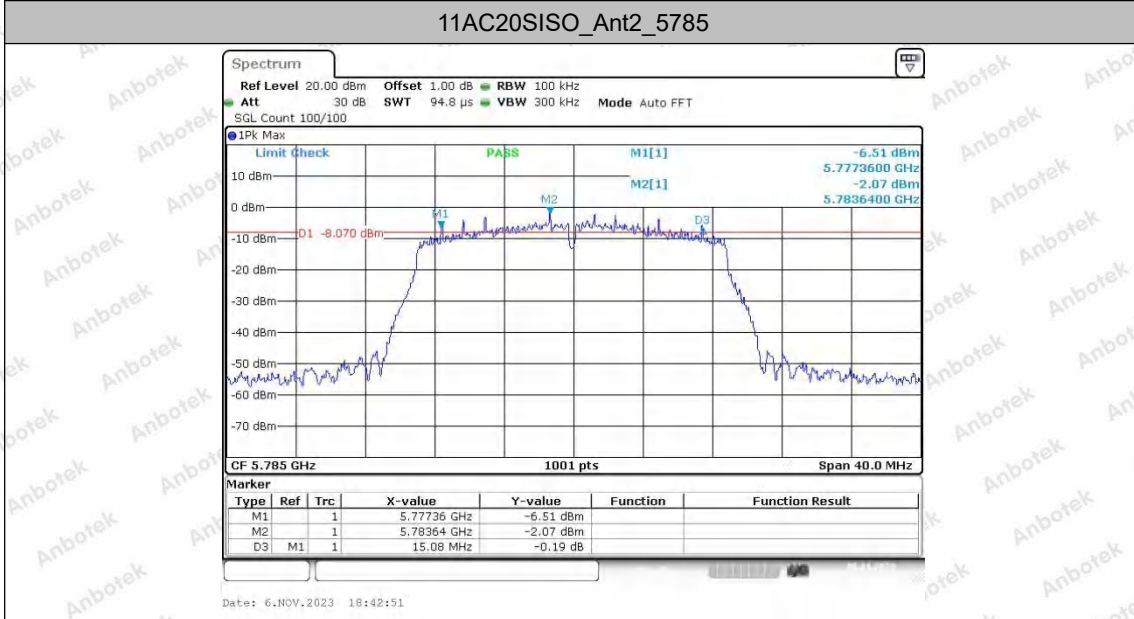
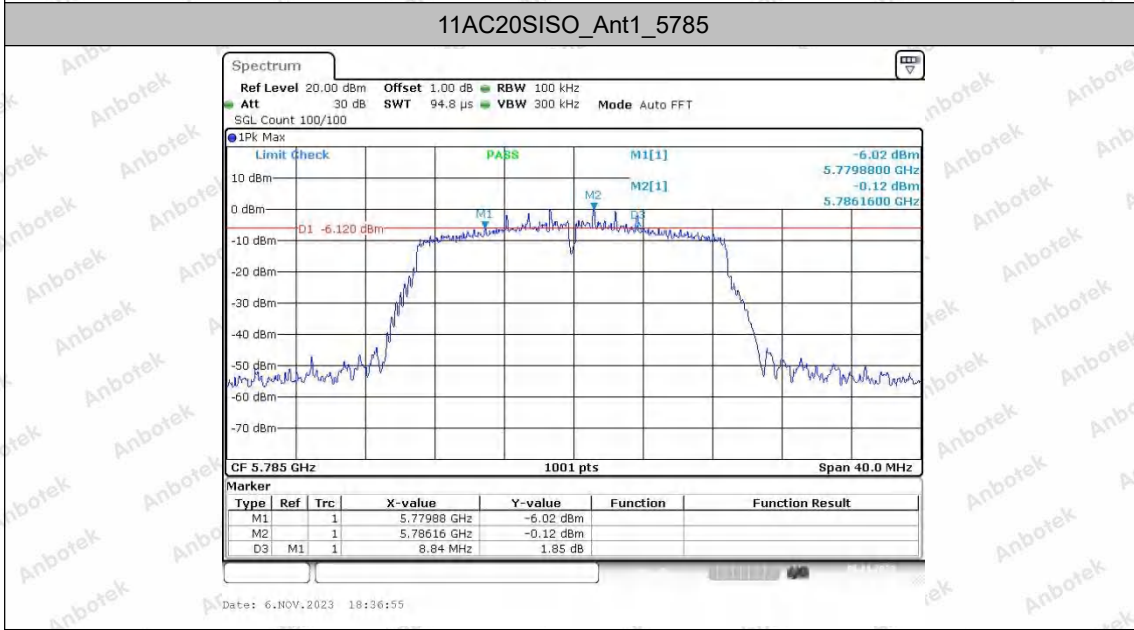
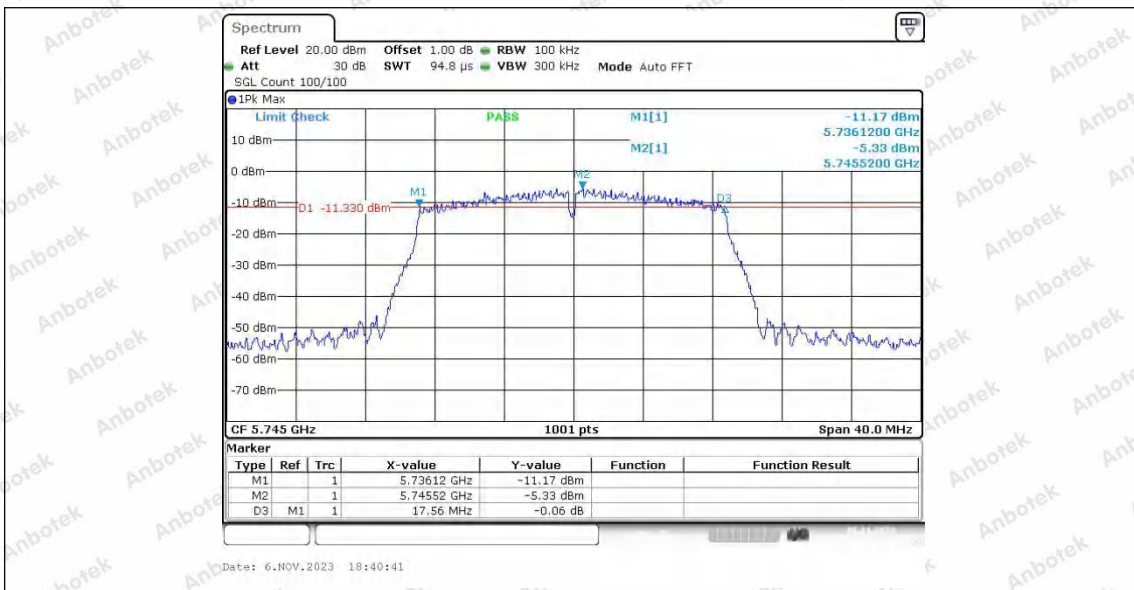
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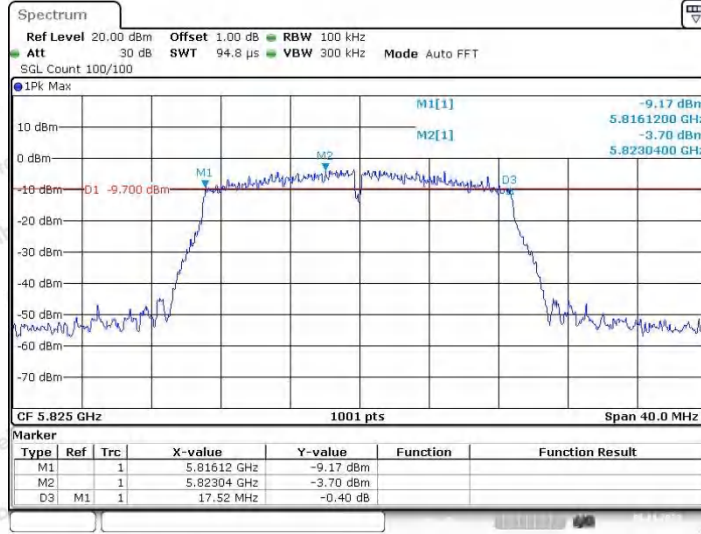
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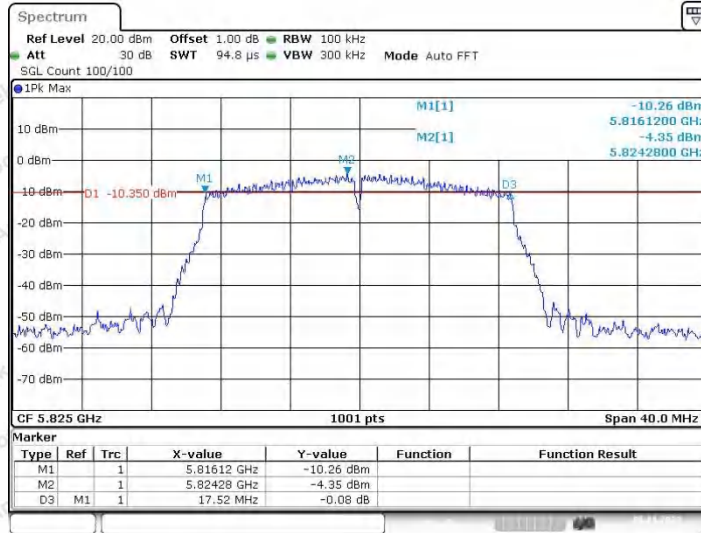


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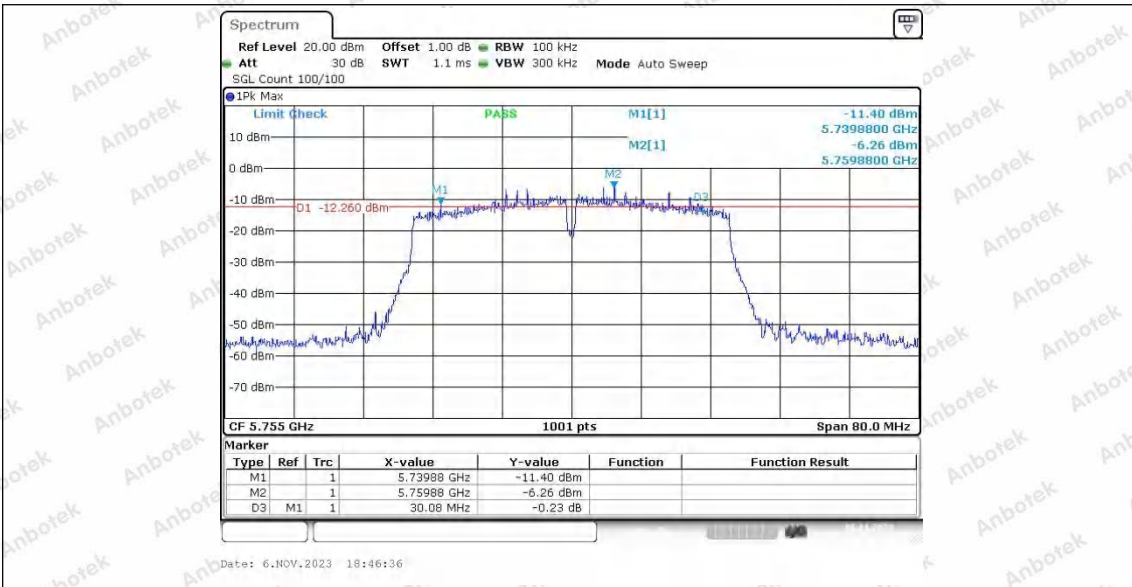
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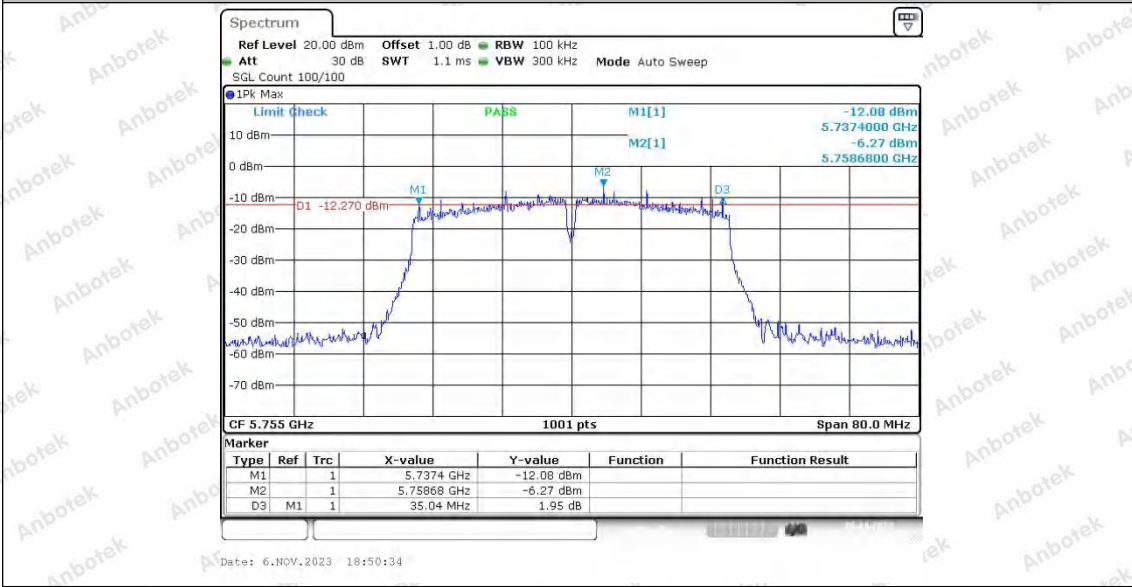
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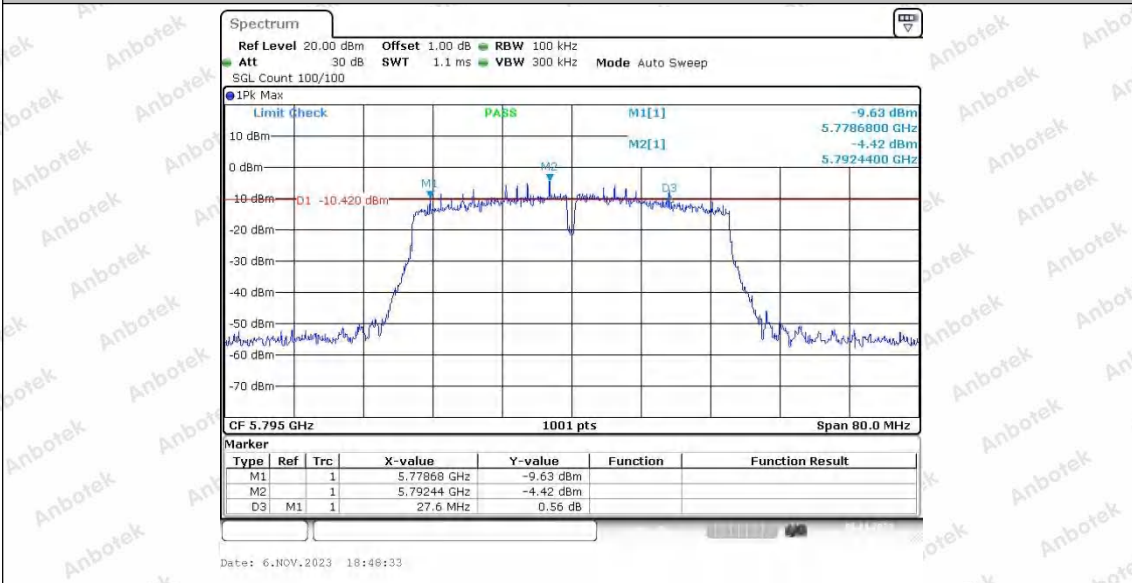




11AC40SISO\_Ant2\_5755



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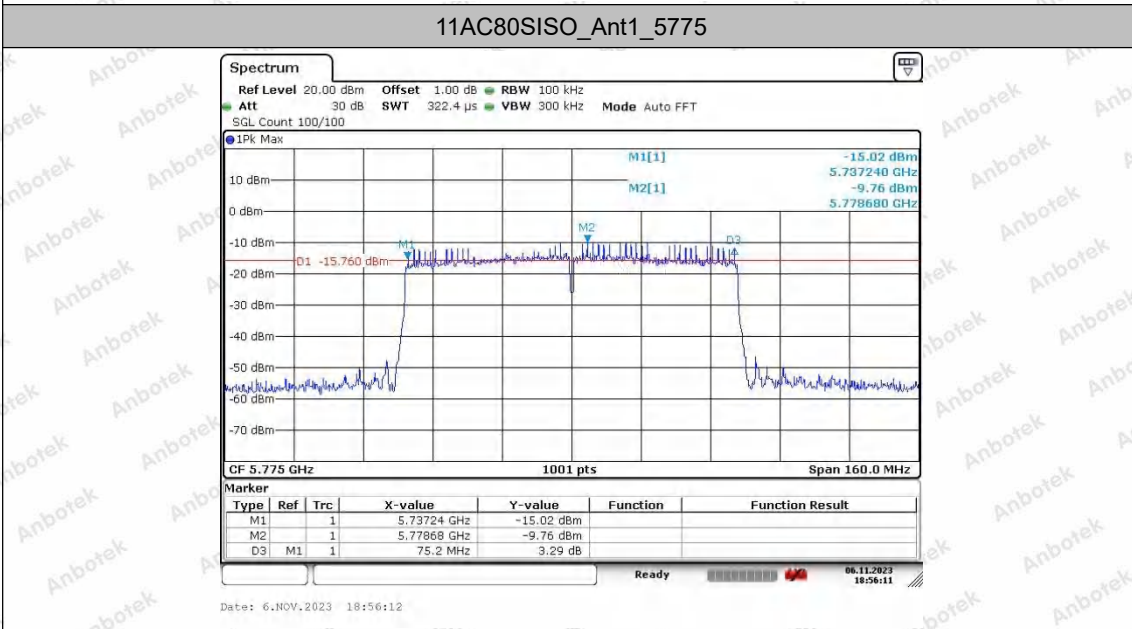
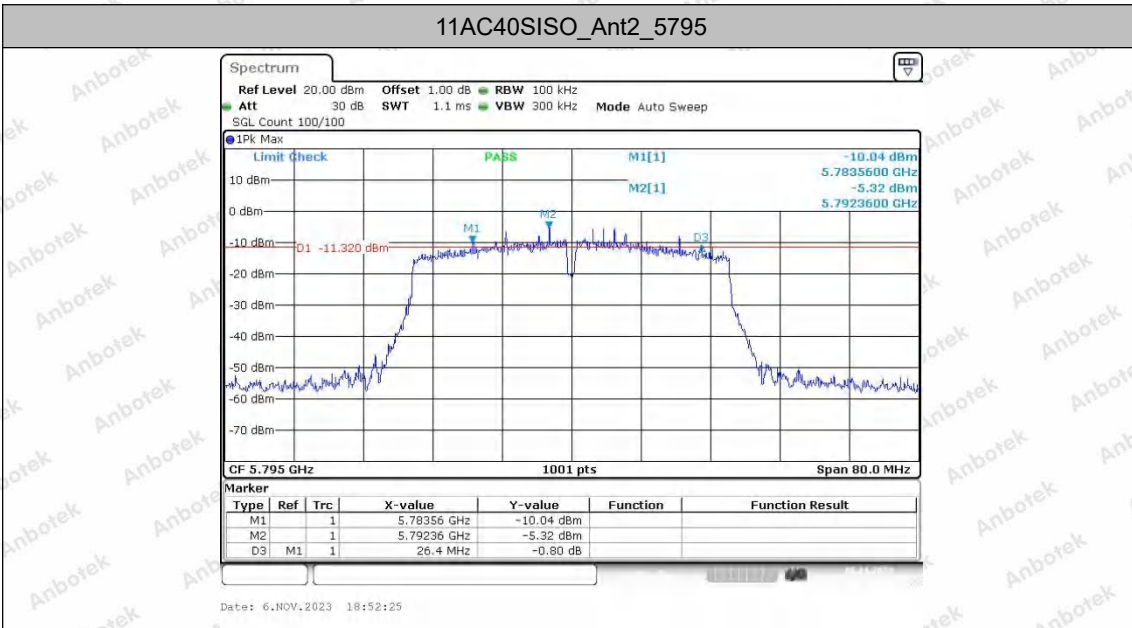


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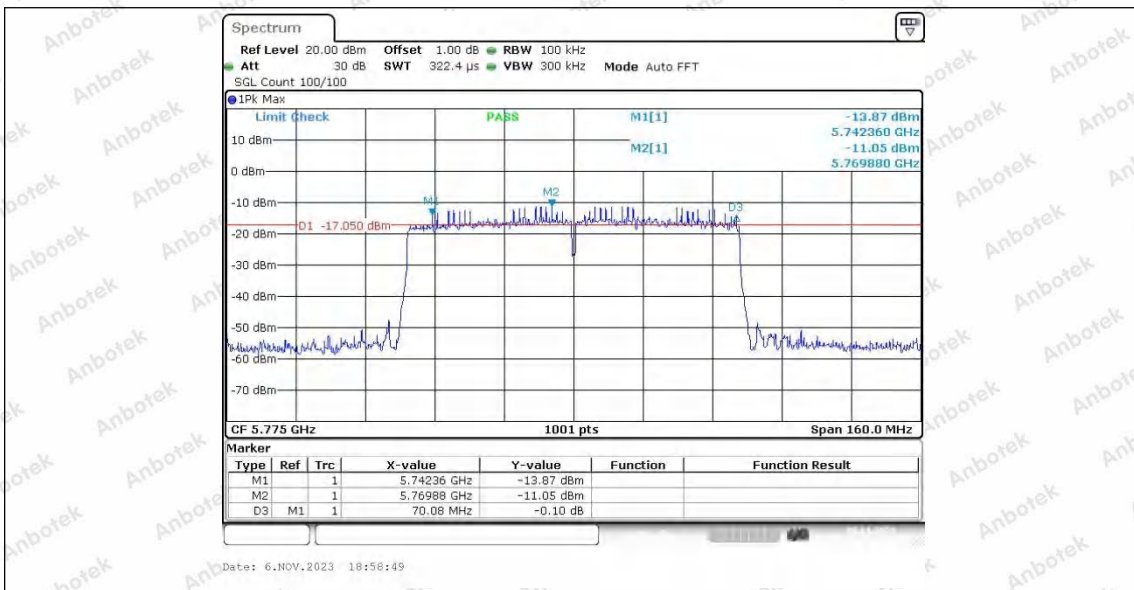
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## Appendix B: Duty Cycle

### Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.91	72.77
	Ant2	5180	1.38	1.93	71.50
	Ant1	5200	1.38	1.90	72.63
	Ant2	5200	1.39	1.91	72.77
	Ant1	5240	1.38	1.92	71.88
	Ant2	5240	1.38	1.90	72.63
	Ant1	5745	1.39	1.92	72.40
	Ant2	5745	1.39	1.92	72.40
	Ant1	5785	1.40	1.92	72.92
	Ant2	5785	1.39	1.94	71.65
	Ant1	5825	1.39	1.92	72.40
	Ant2	5825	1.39	1.92	72.40
11N20SISO	Ant1	5180	1.29	1.81	71.27
	Ant2	5180	1.29	1.84	70.11
	Ant1	5200	1.29	1.81	71.27
	Ant2	5200	1.29	1.81	71.27
	Ant1	5240	1.29	1.85	69.73
	Ant2	5240	1.29	1.81	71.27
	Ant1	5745	1.30	1.82	71.43
	Ant2	5745	1.30	1.84	70.65
	Ant1	5785	1.30	1.83	71.04
	Ant2	5785	1.30	1.84	70.65
	Ant1	5825	1.30	1.83	71.04
	Ant2	5825	1.30	1.82	71.43
11N40SISO	Ant1	5190	0.64	1.16	55.17
	Ant2	5190	0.64	1.17	54.70
	Ant1	5230	0.64	1.16	55.17
	Ant2	5230	0.64	1.18	54.24
	Ant1	5755	0.65	1.19	54.62
	Ant2	5755	0.64	1.16	55.17
	Ant1	5795	0.65	1.17	55.56
	Ant2	5795	0.64	1.18	54.24
11AC20SISO	Ant1	5180	1.30	1.82	71.43
	Ant2	5180	1.30	1.87	69.52
	Ant1	5200	1.30	1.83	71.04
	Ant2	5200	1.30	1.83	71.04
	Ant1	5240	1.30	1.84	70.65

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	Ant2	5240	1.30	1.82	71.43
	Ant1	5745	1.31	1.85	70.81
	Ant2	5745	1.31	2.01	65.17
	Ant1	5785	1.31	1.85	70.81
	Ant2	5785	1.31	1.83	71.58
	Ant1	5825	1.31	1.85	70.81
	Ant2	5825	1.30	1.83	71.04
11AC40SISO	Ant1	5190	0.64	1.16	55.17
	Ant2	5190	0.65	1.18	55.08
	Ant1	5230	0.65	1.18	55.08
	Ant2	5230	0.65	1.18	55.08
	Ant1	5755	0.65	1.19	54.62
	Ant2	5755	0.66	1.20	55.00
	Ant1	5795	0.65	1.19	54.62
11AC80SISO	Ant2	5795	0.66	1.19	55.46
	Ant1	5210	0.32	0.74	43.24
	Ant2	5210	0.32	0.74	43.24
	Ant1	5775	0.33	0.73	45.21
	Ant2	5775	0.32	0.74	43.24

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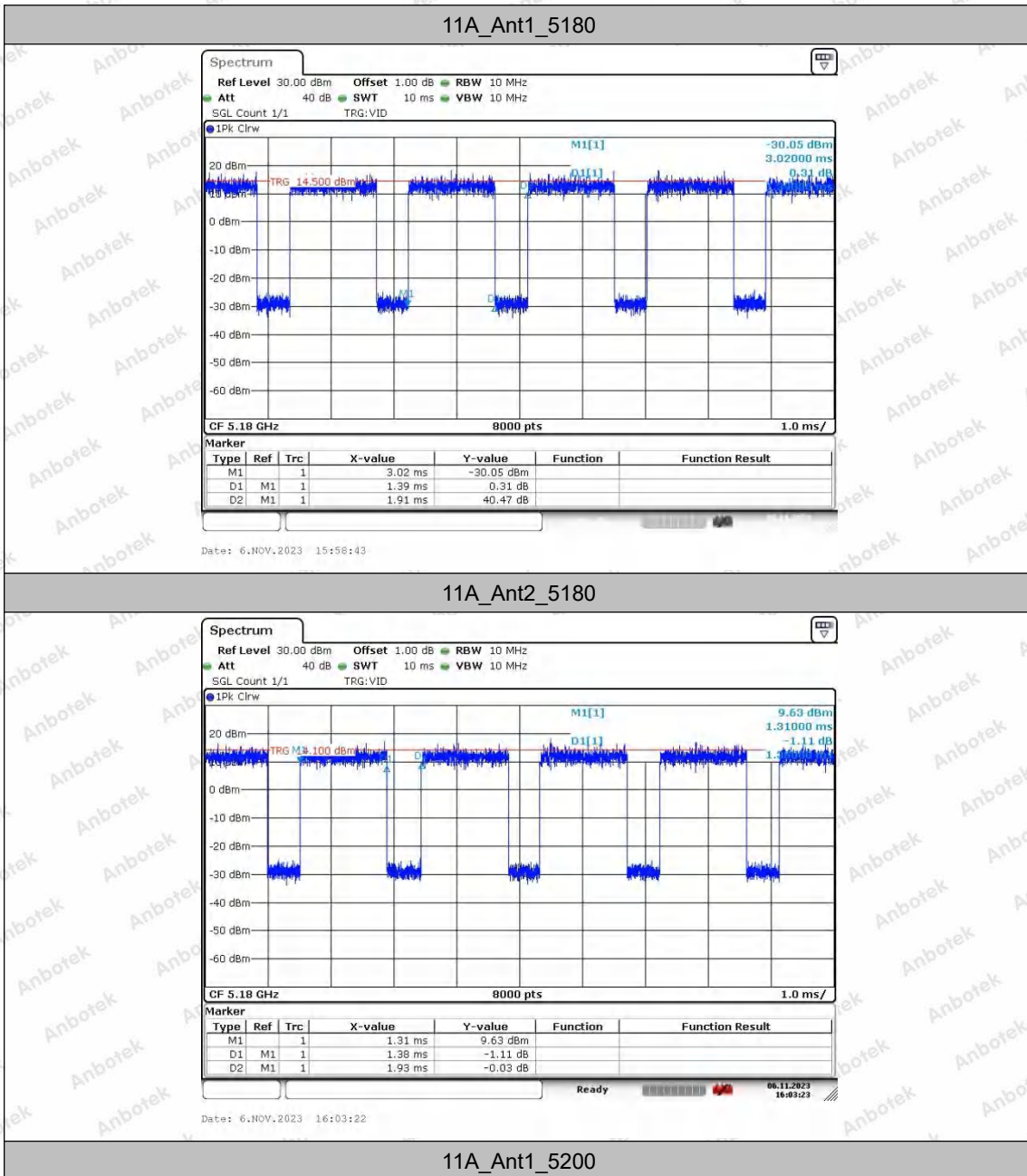
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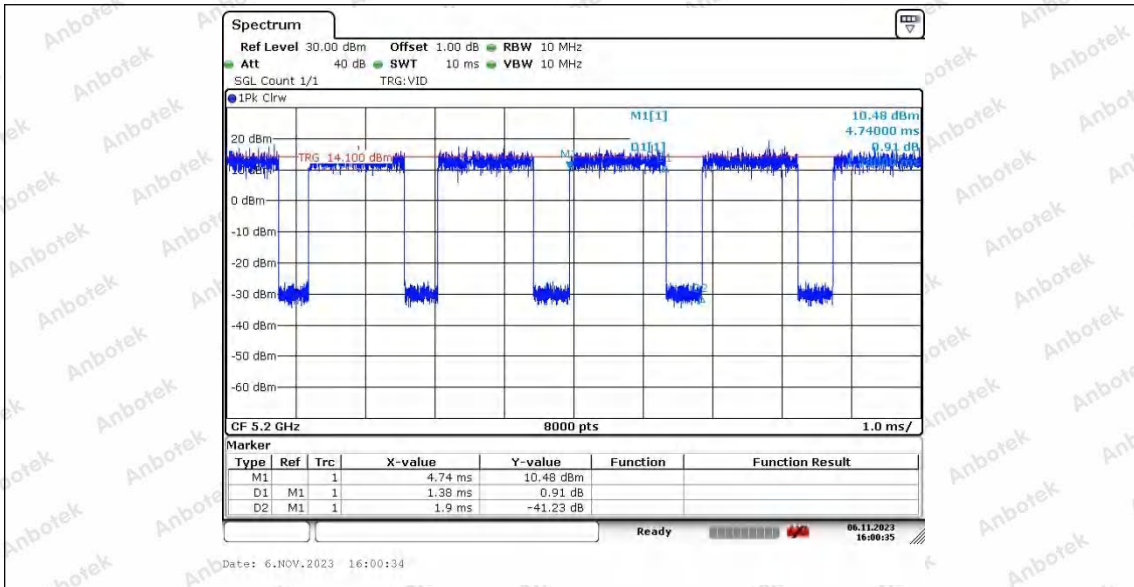
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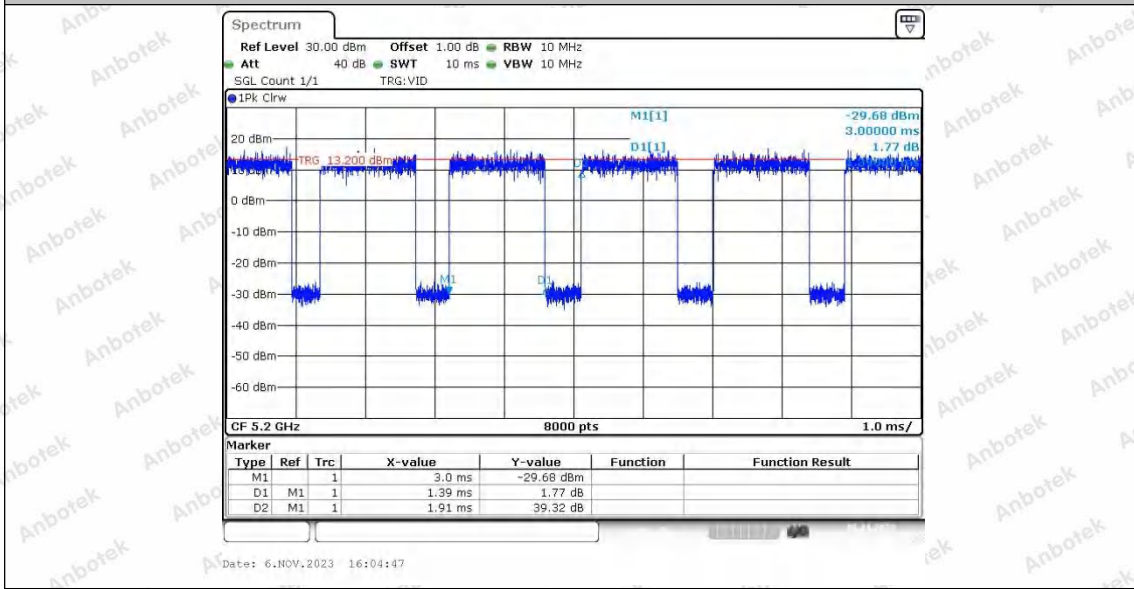
## Test Graphs



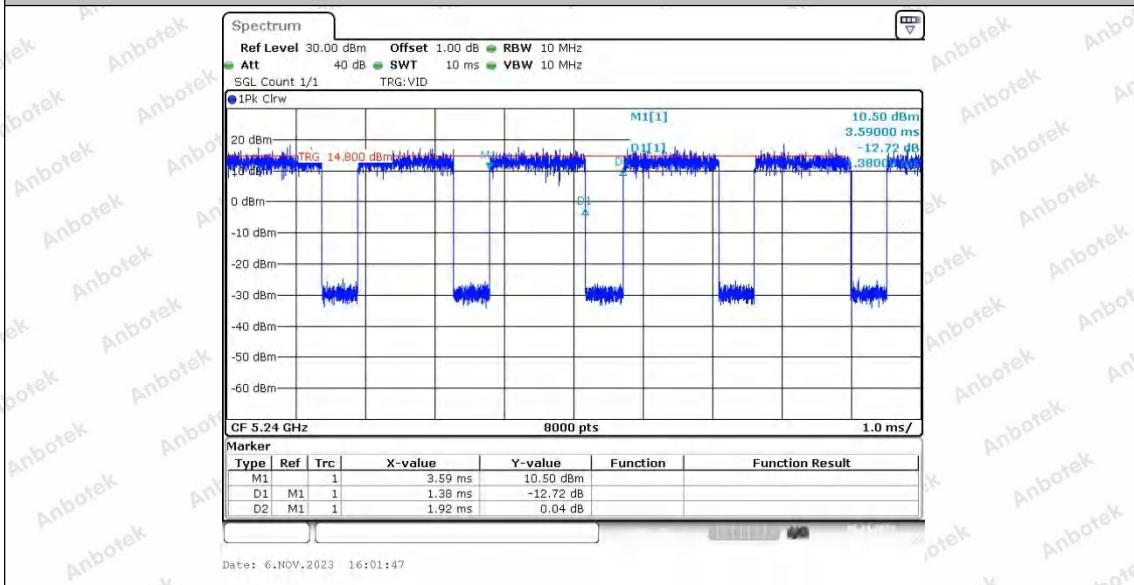




11A\_Ant2\_5200



11A\_Ant1\_5240

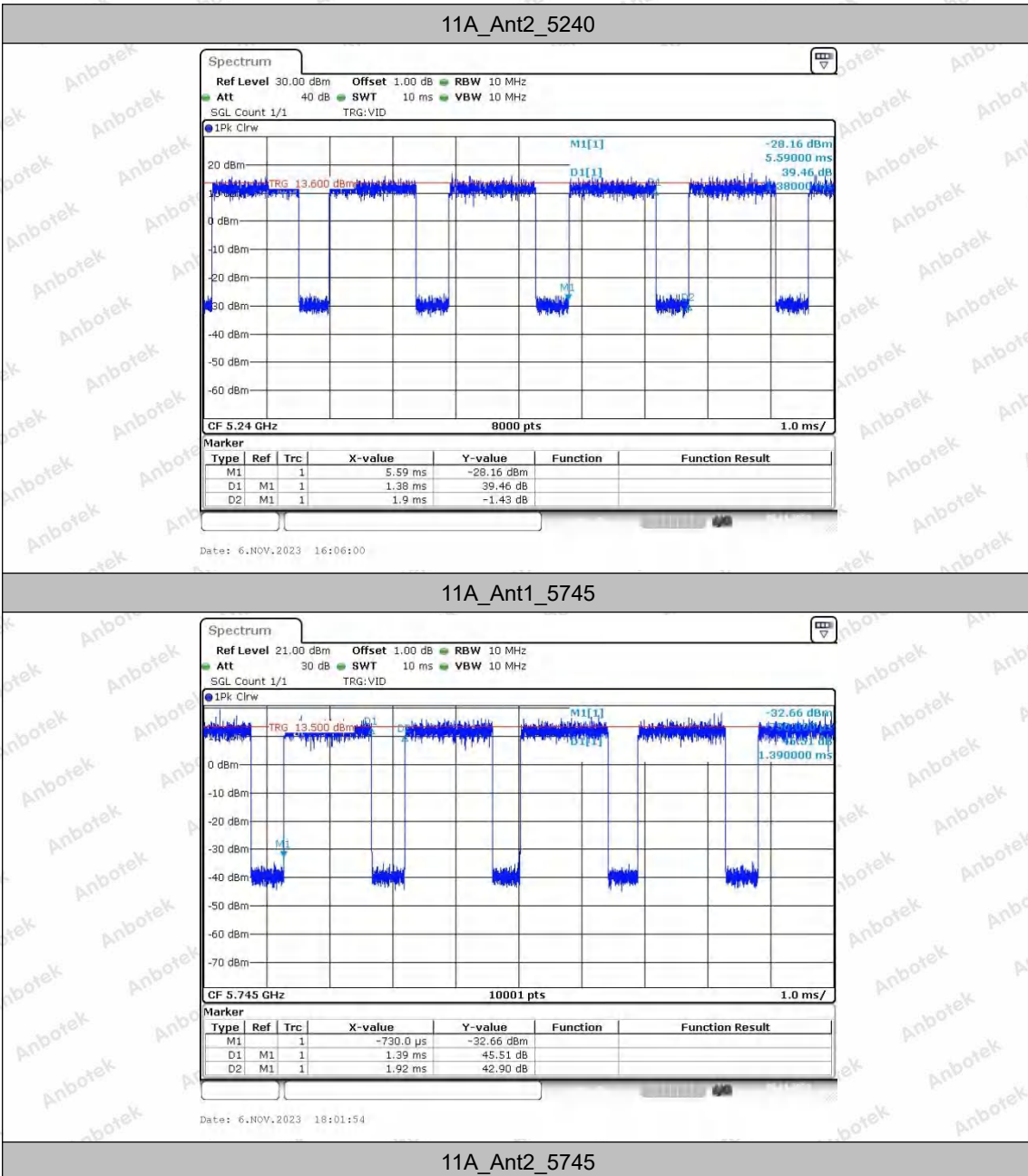


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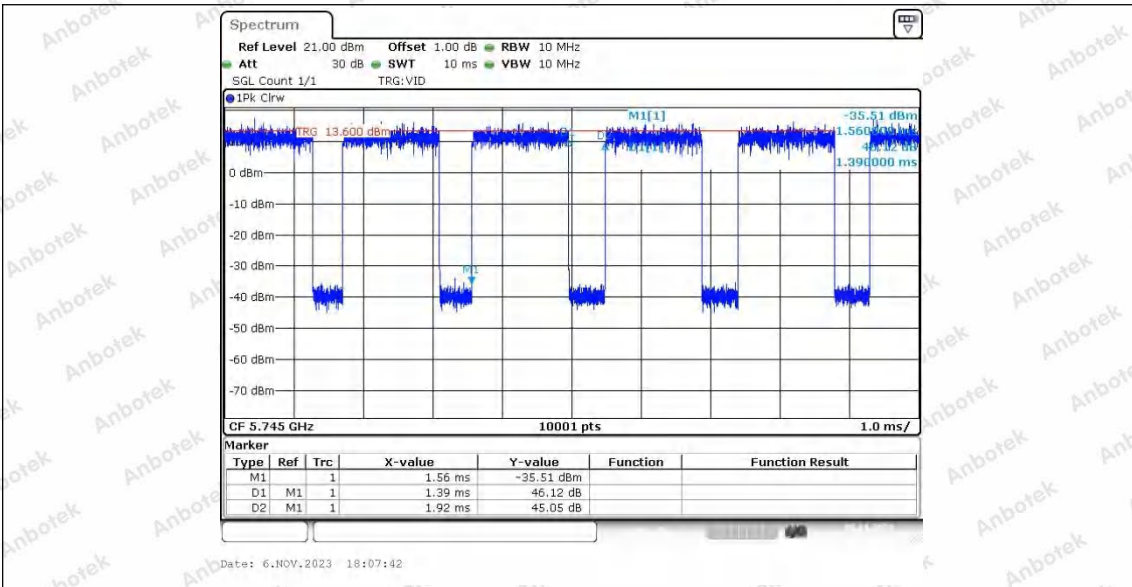


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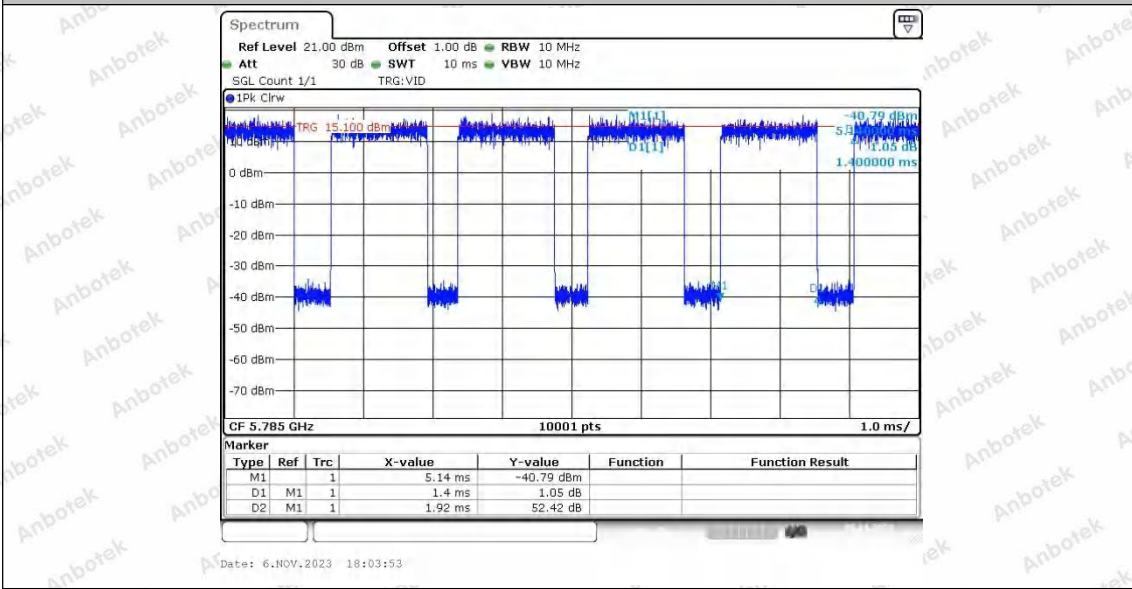
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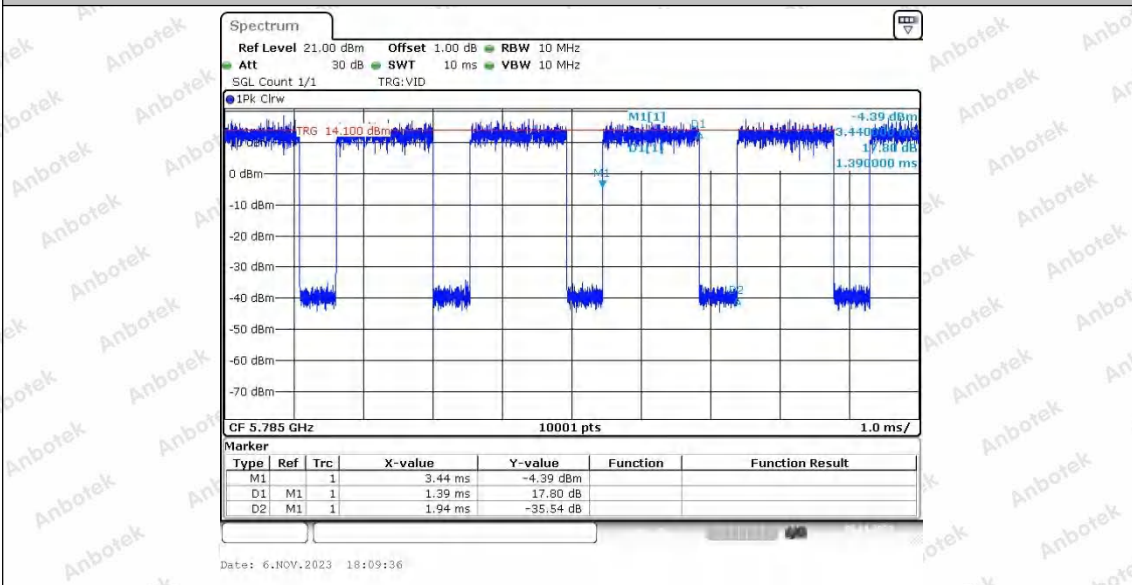




11A\_Ant1\_5785



11A\_Ant2\_5785

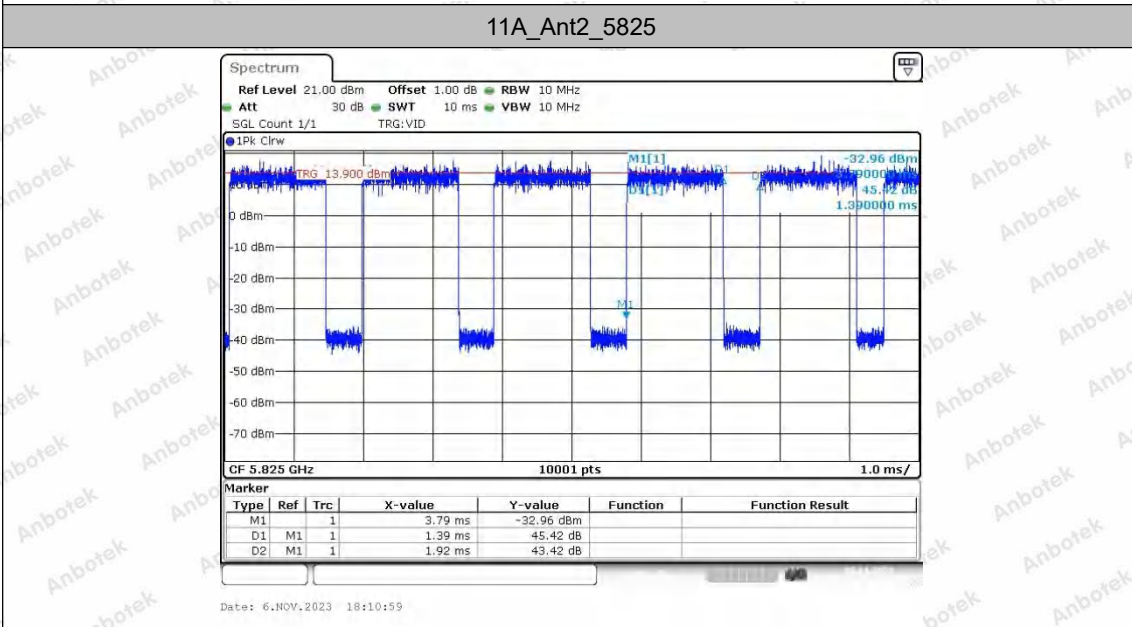
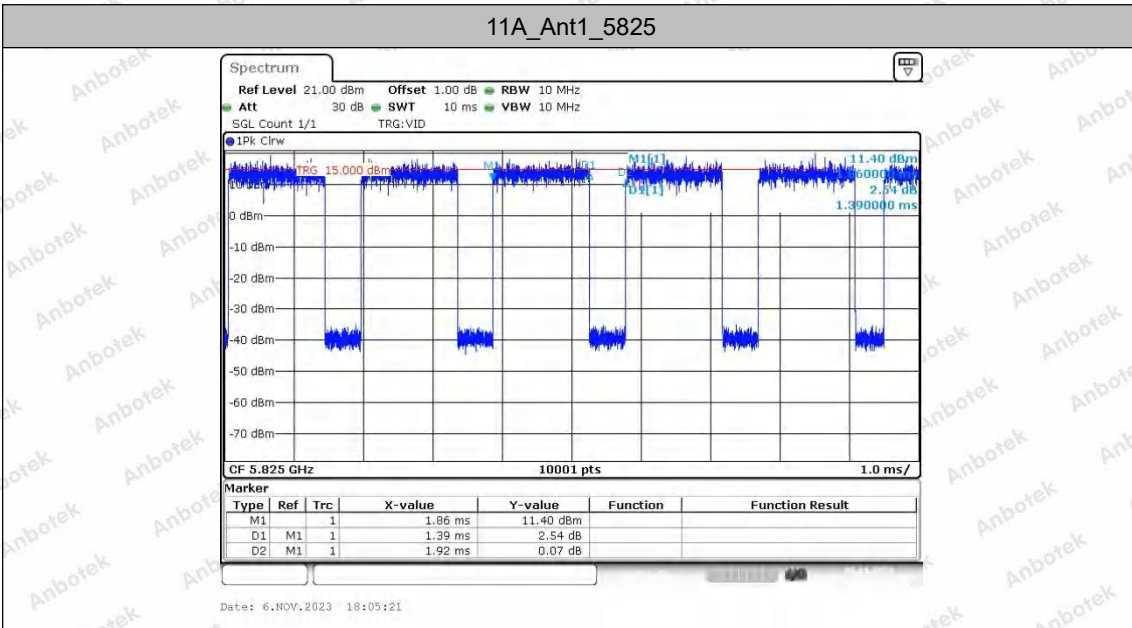


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### 11N20SISO\_Ant1\_5180

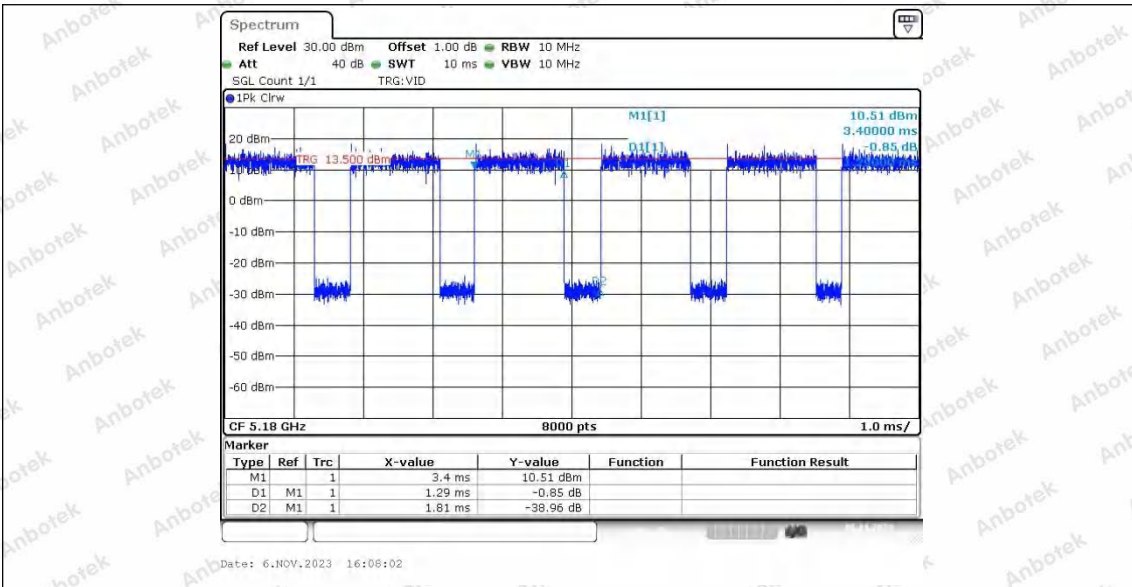
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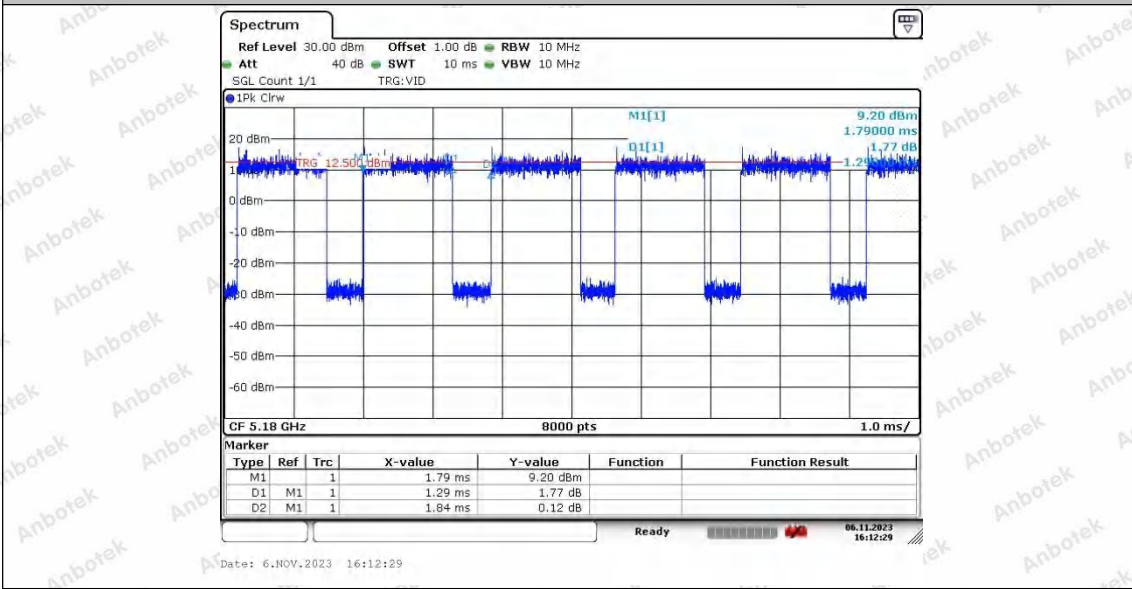


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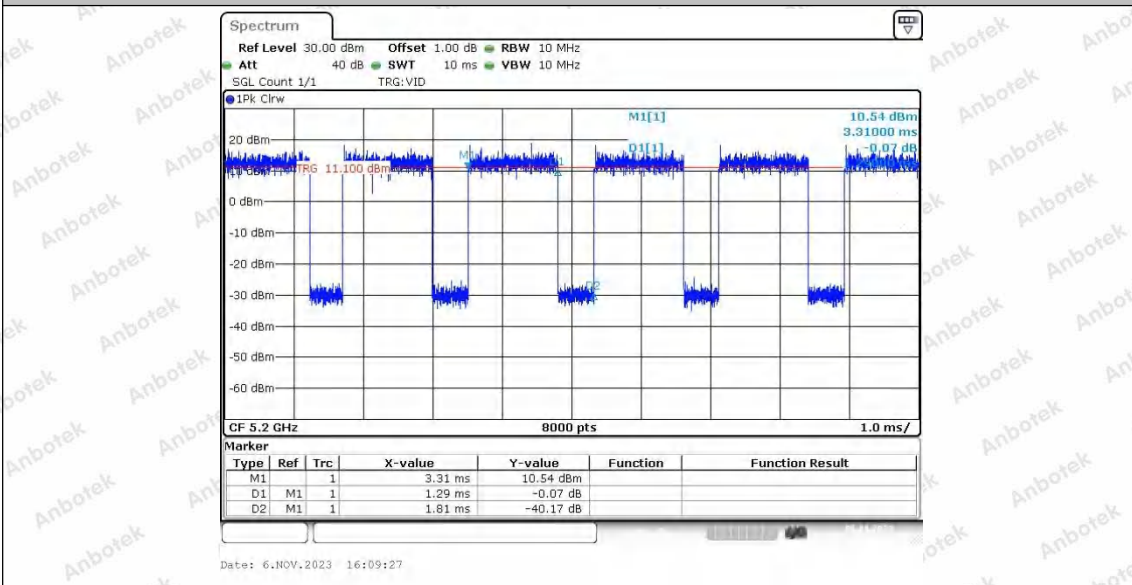




11N20SISO\_Ant2\_5180



11N20SISO\_Ant1\_5200



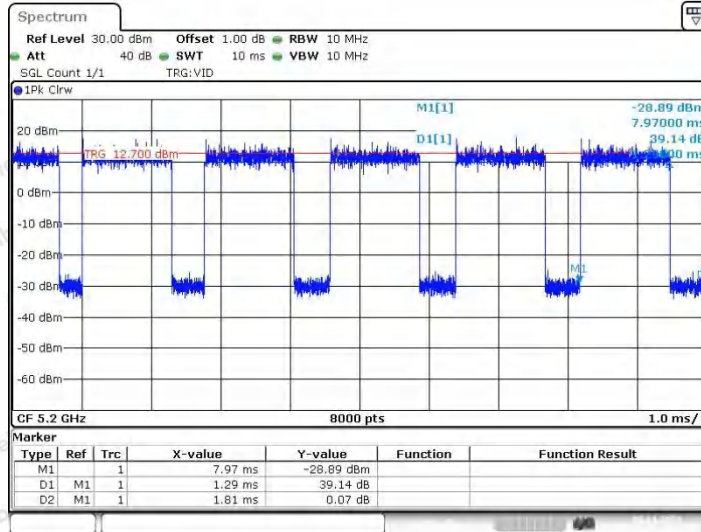
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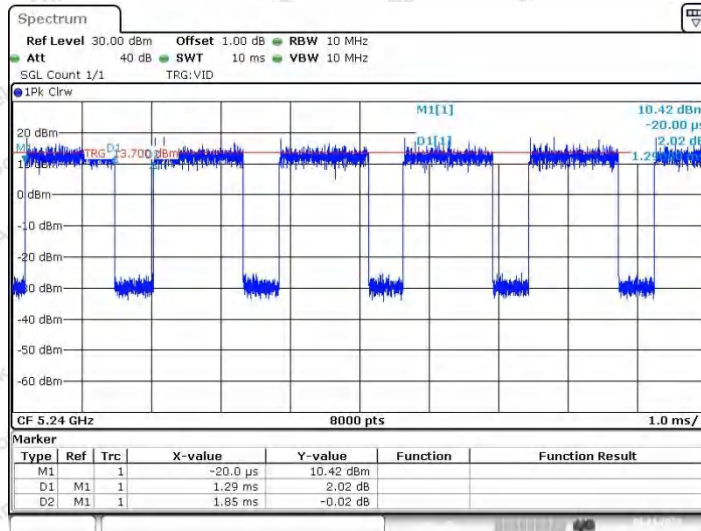


### 11N20SISO\_Ant2\_5200



Date: 6.NOV.2023 16:14:20

### 11N20SISO\_Ant1\_5240



Date: 6.NOV.2023 16:10:46

### 11N20SISO\_Ant2\_5240

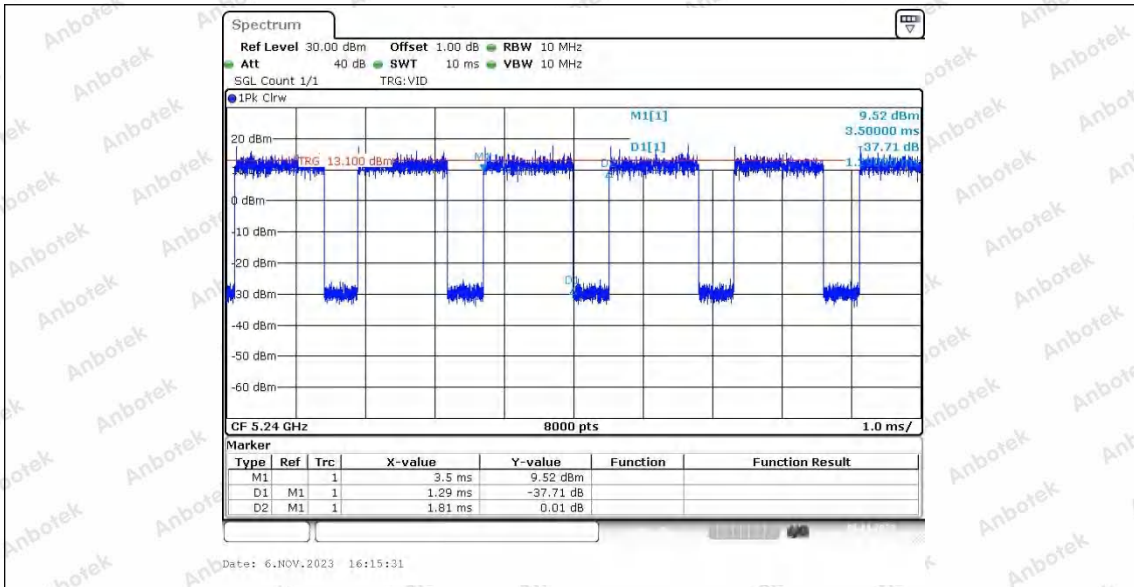
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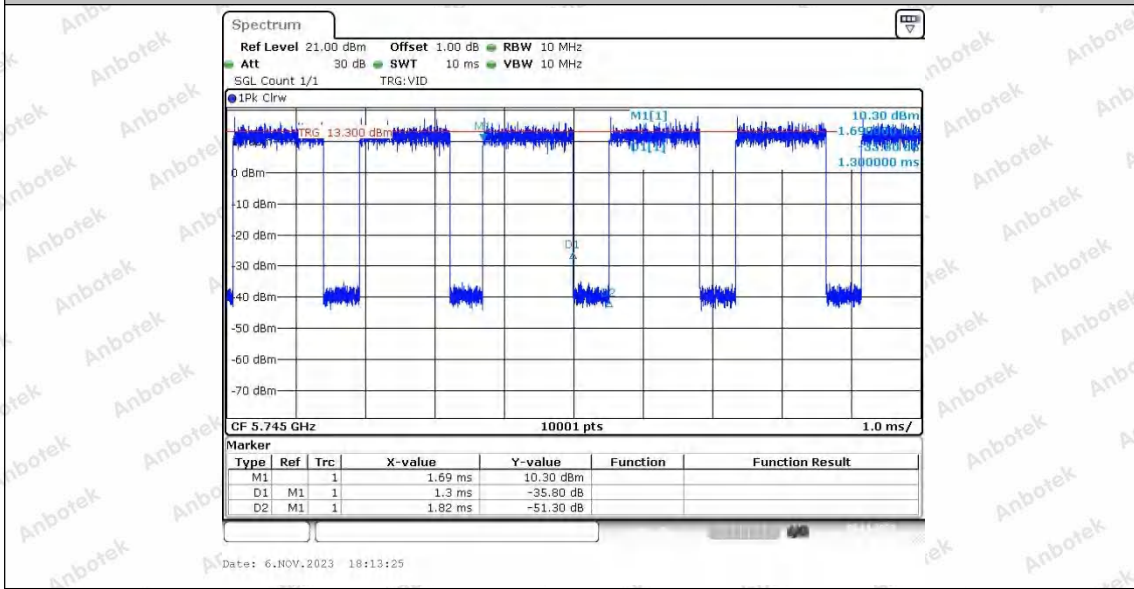


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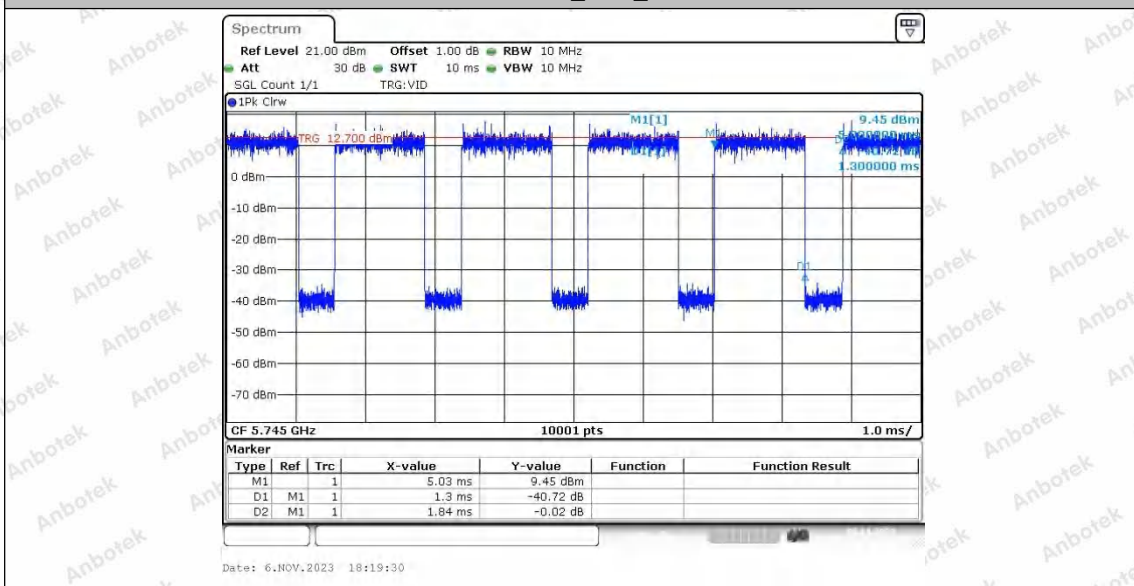




11N20SISO\_Ant1\_5745



11N20SISO\_Ant2\_5745



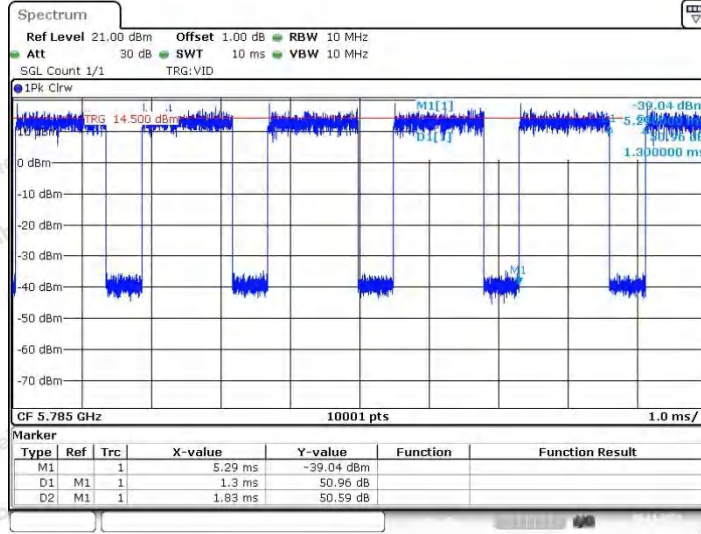
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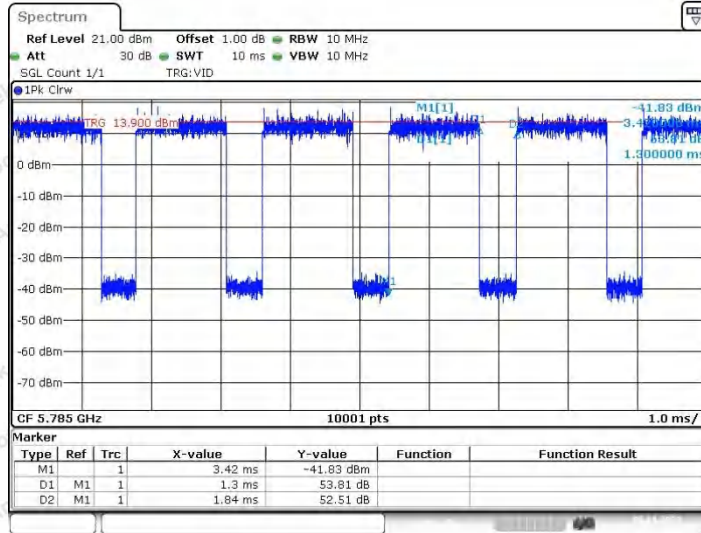


### 11N20SISO\_Ant1\_5785



Date: 6.NOV.2023 18:15:32

### 11N20SISO\_Ant2\_5785



Date: 6.NOV.2023 18:21:29

### 11N20SISO\_Ant1\_5825

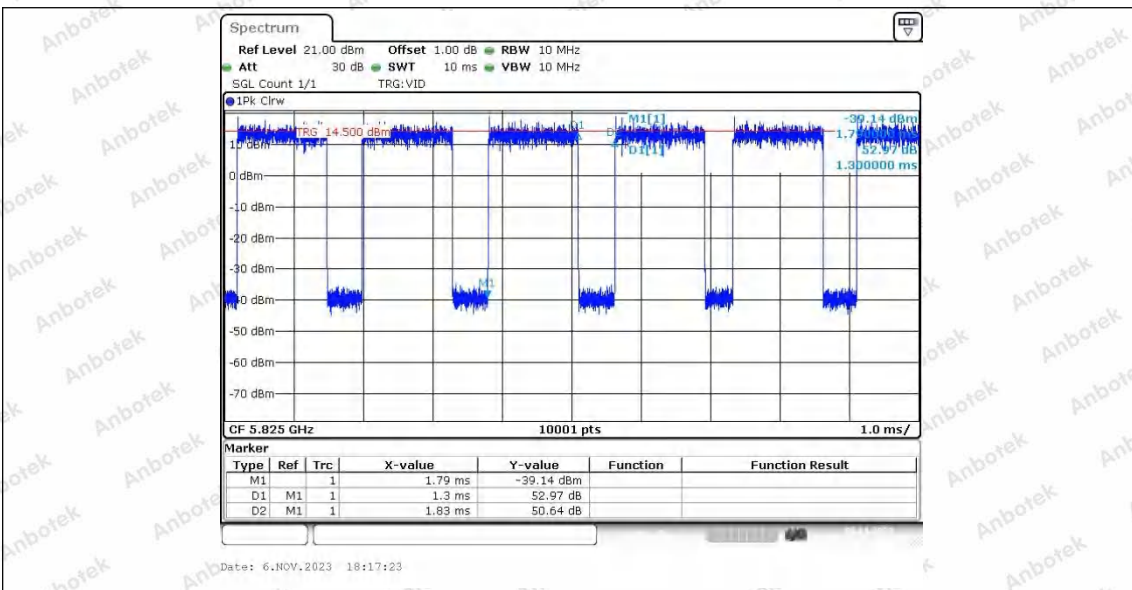
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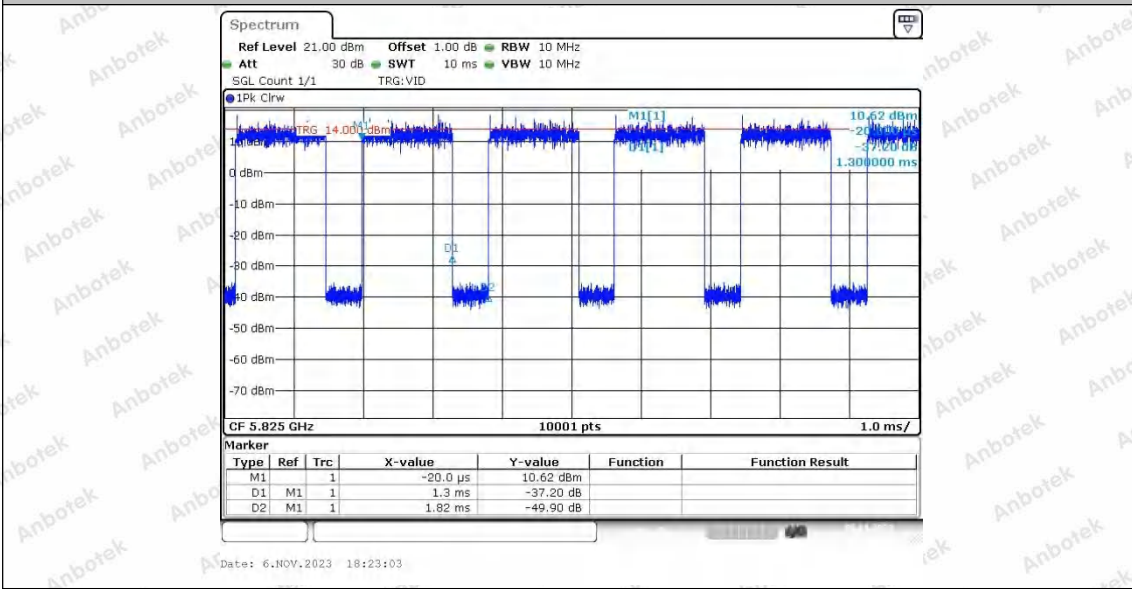
Hotline 400-003-0500  
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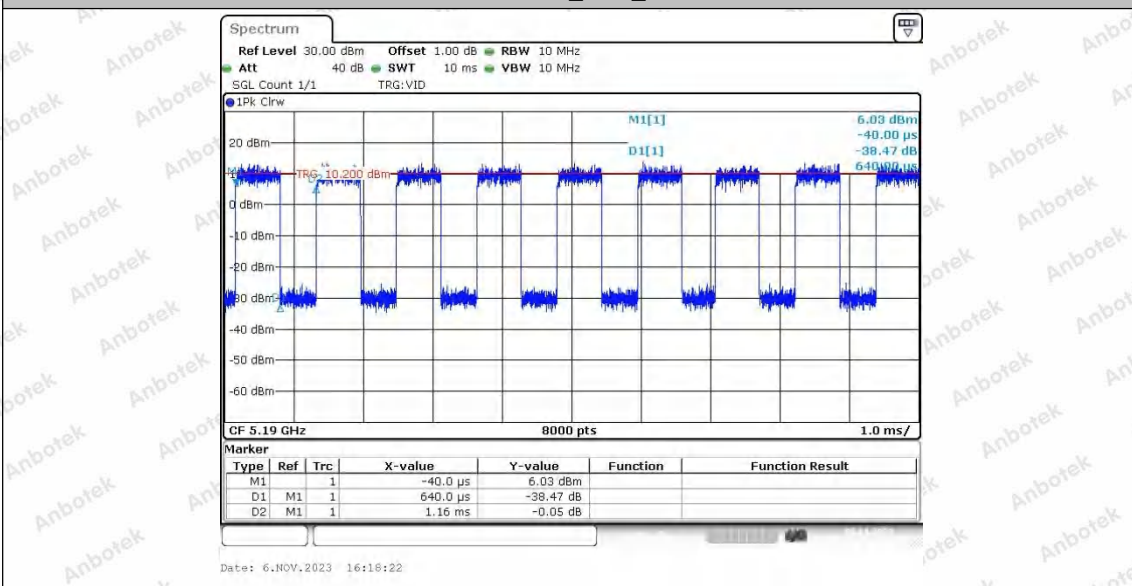




11N20SISO\_Ant2\_5825



11N40SISO\_Ant1\_5190



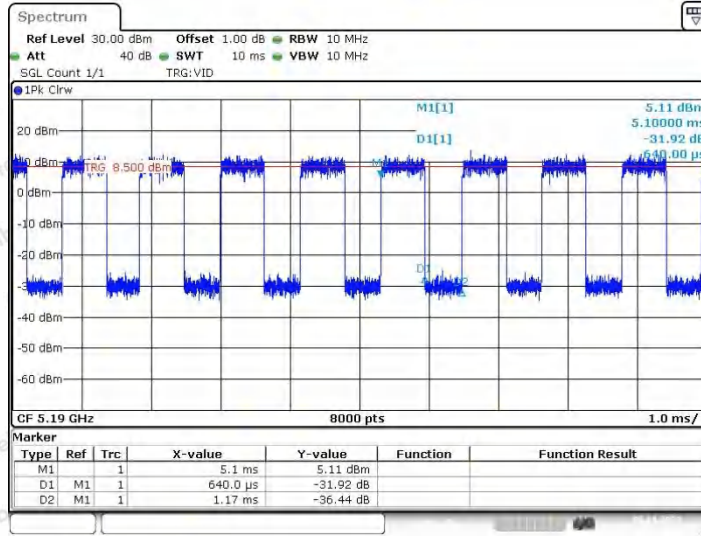
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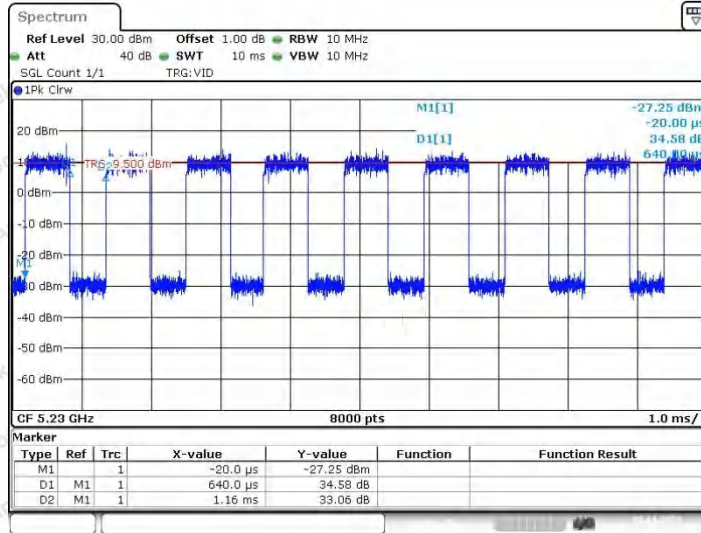


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Date: 6.NOV.2023 16:21:21

### 11N40SISO\_Ant1\_5230



Date: 6.NOV.2023 16:19:57

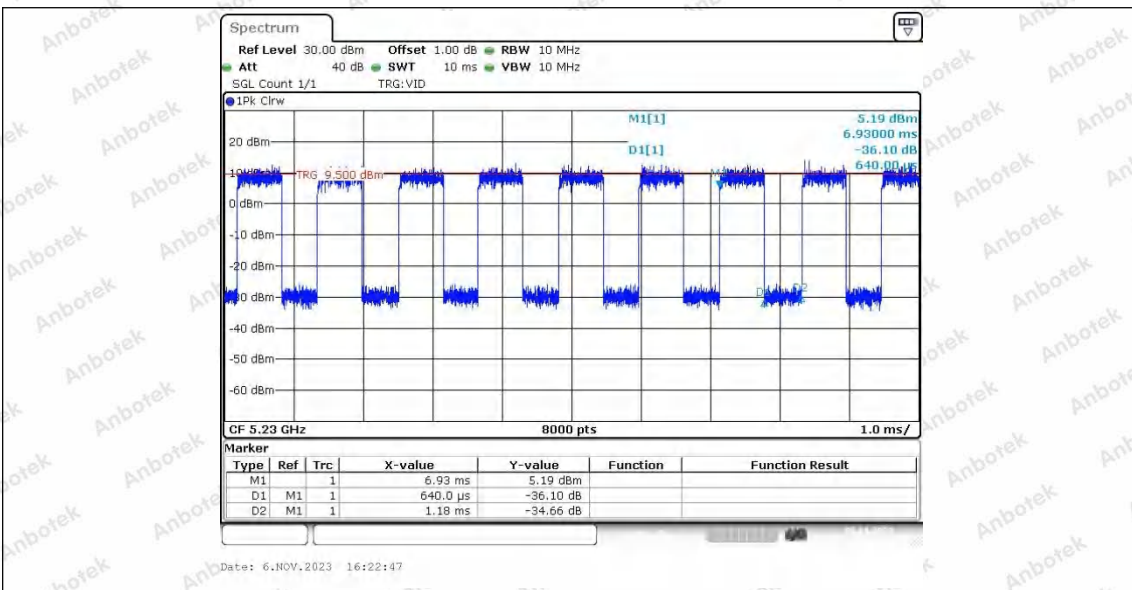
### 11N40SISO\_Ant2\_5230

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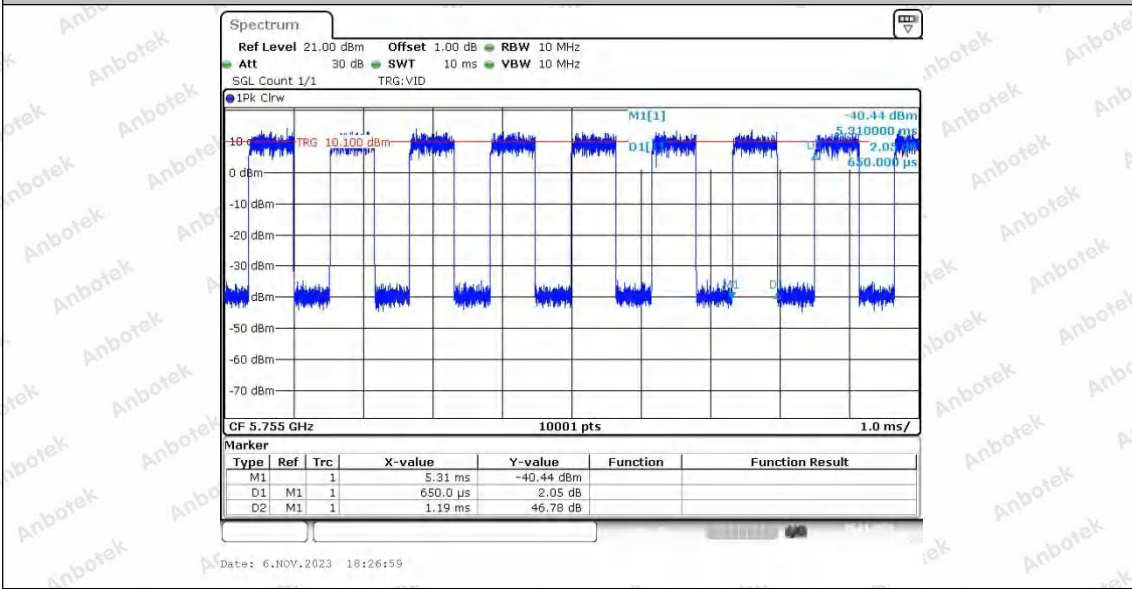
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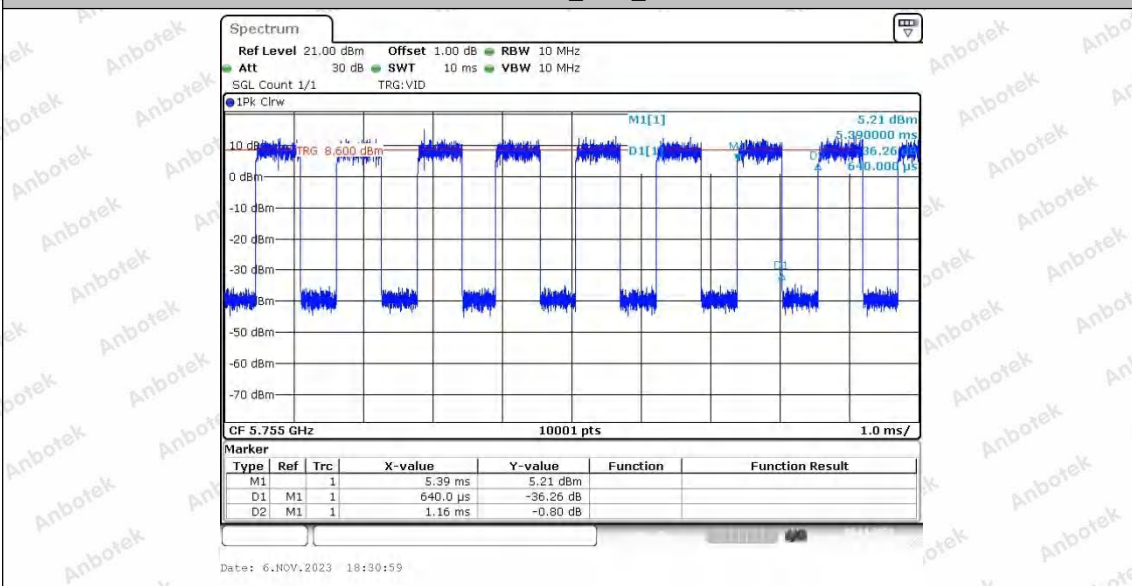




11N40SISO\_Ant1\_5755



11N40SISO\_Ant2\_5755



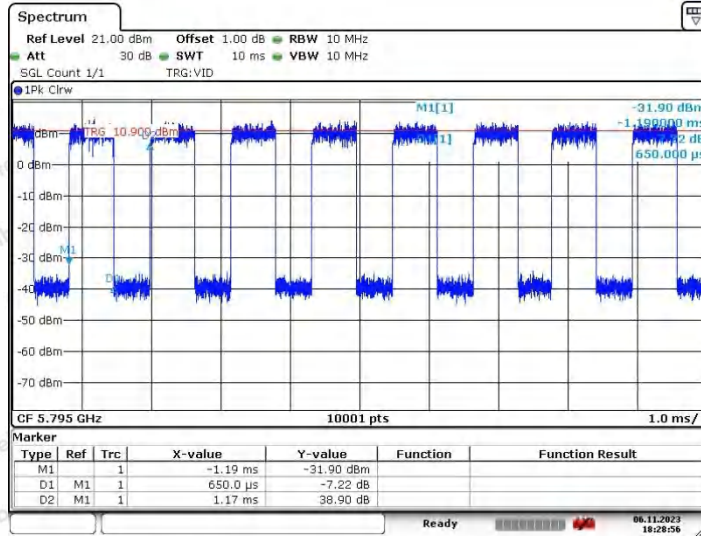
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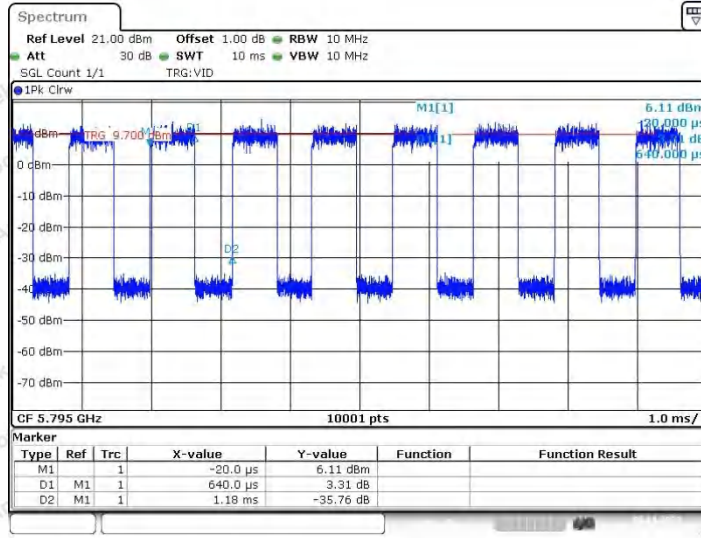
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### 11N40SISO\_Ant1\_5795

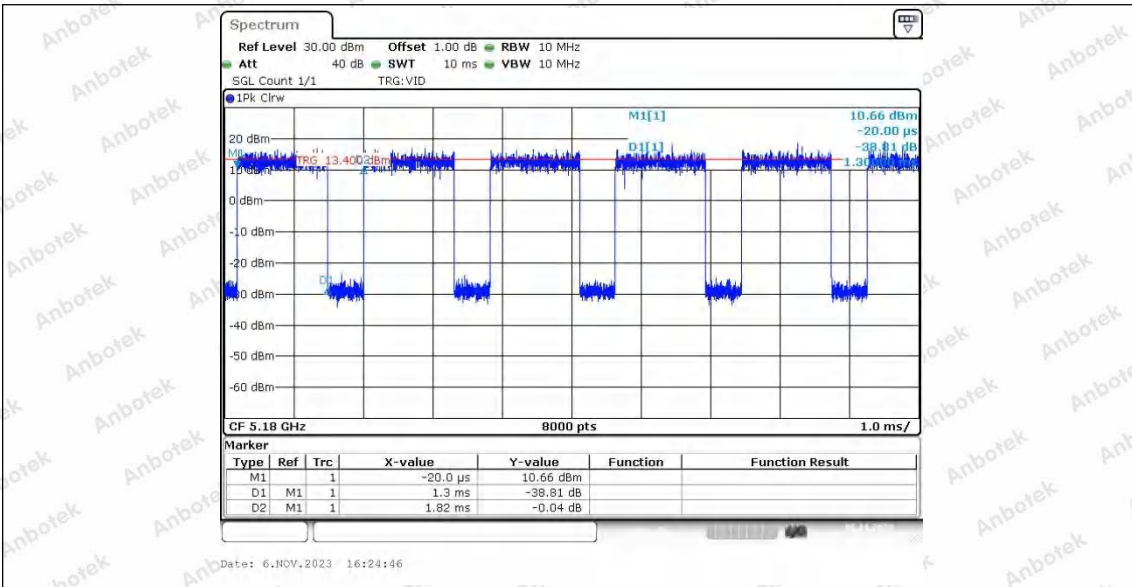


### 11N40SISO\_Ant2\_5795

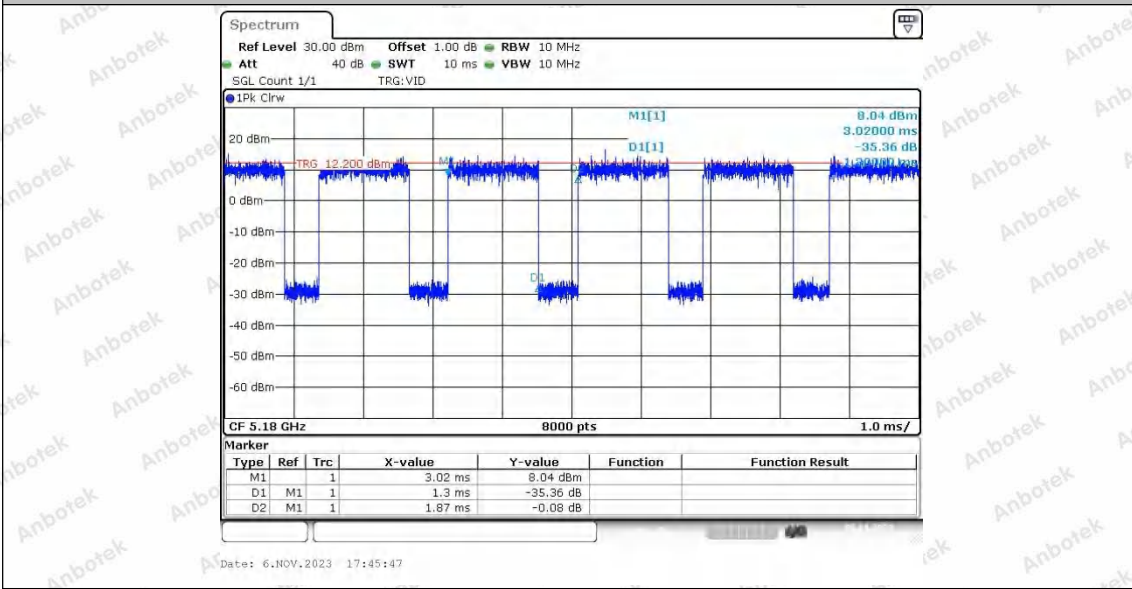


### 11AC20SISO\_Ant1\_5180

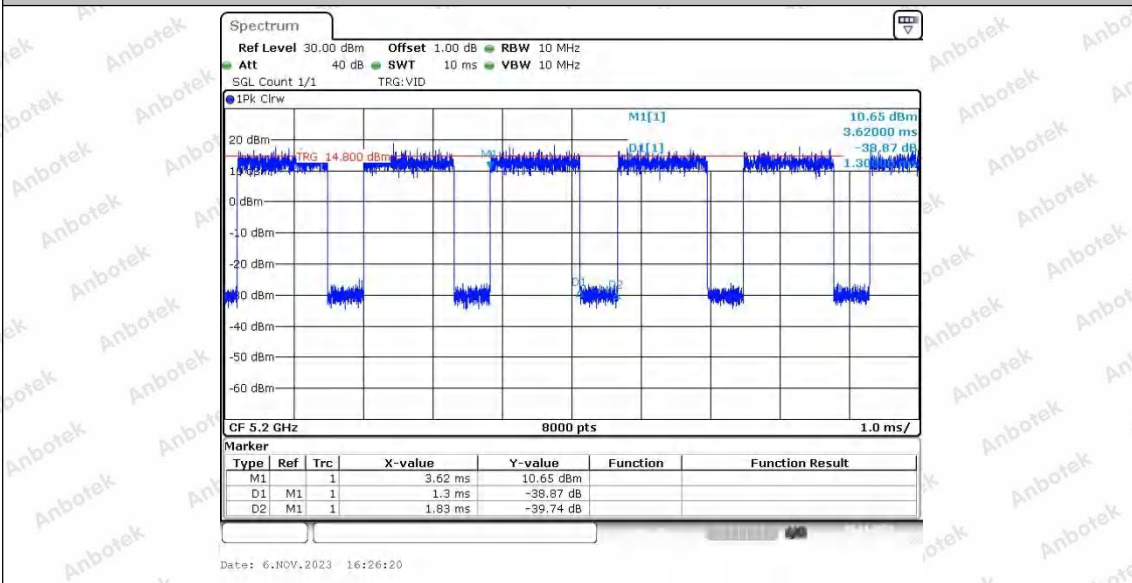




11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant1\_5200

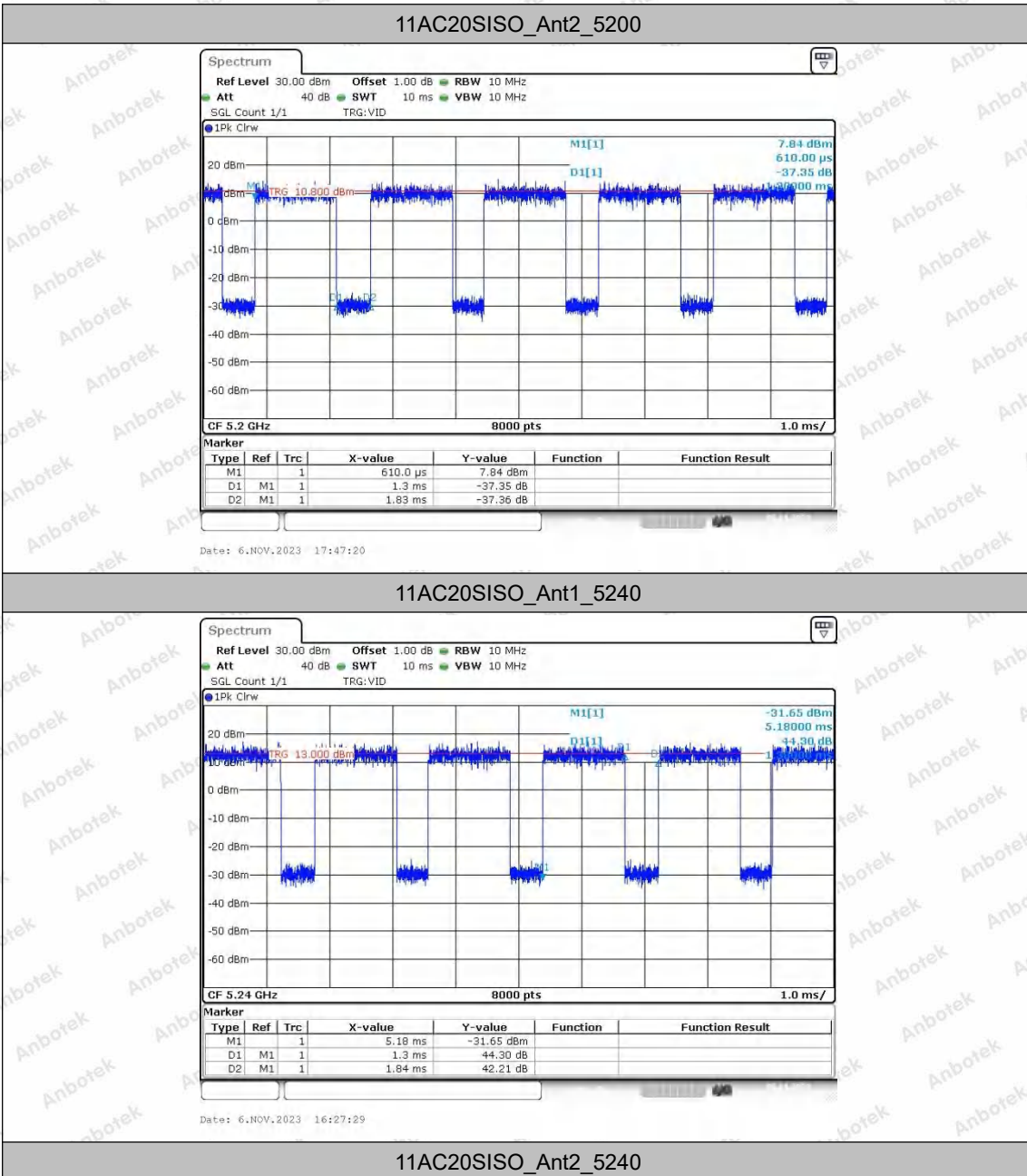


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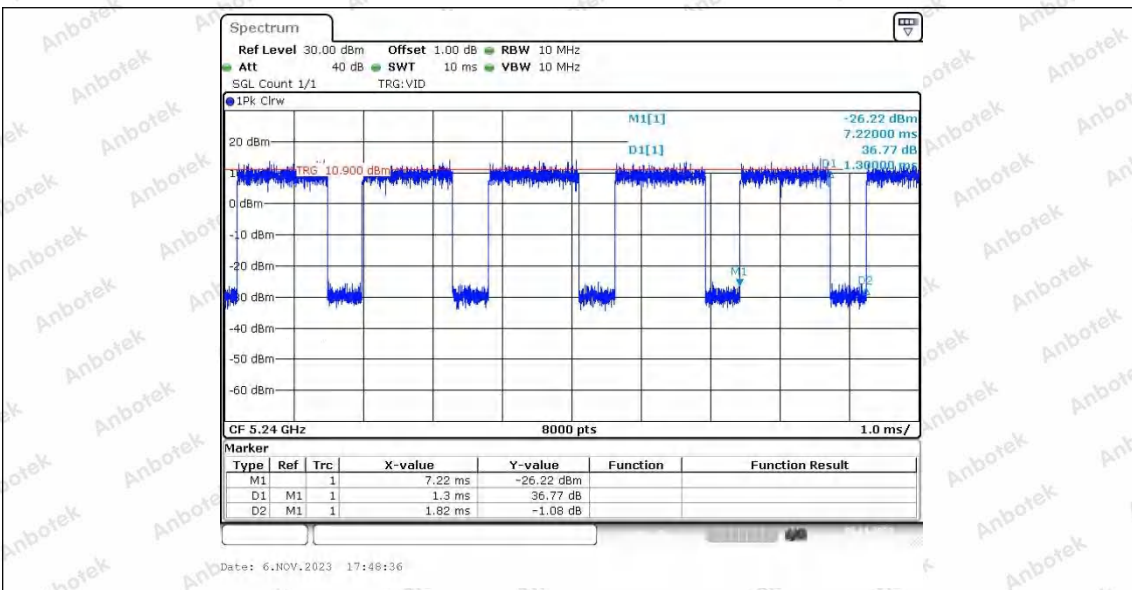


**Shenzhen Anbotek Compliance Laboratory Limited**

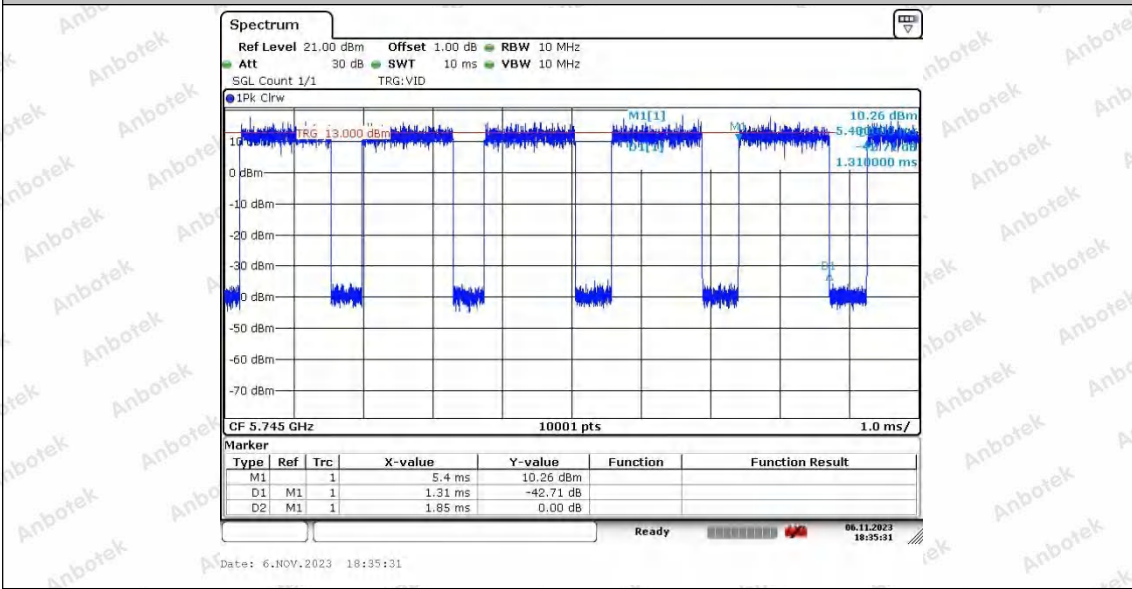
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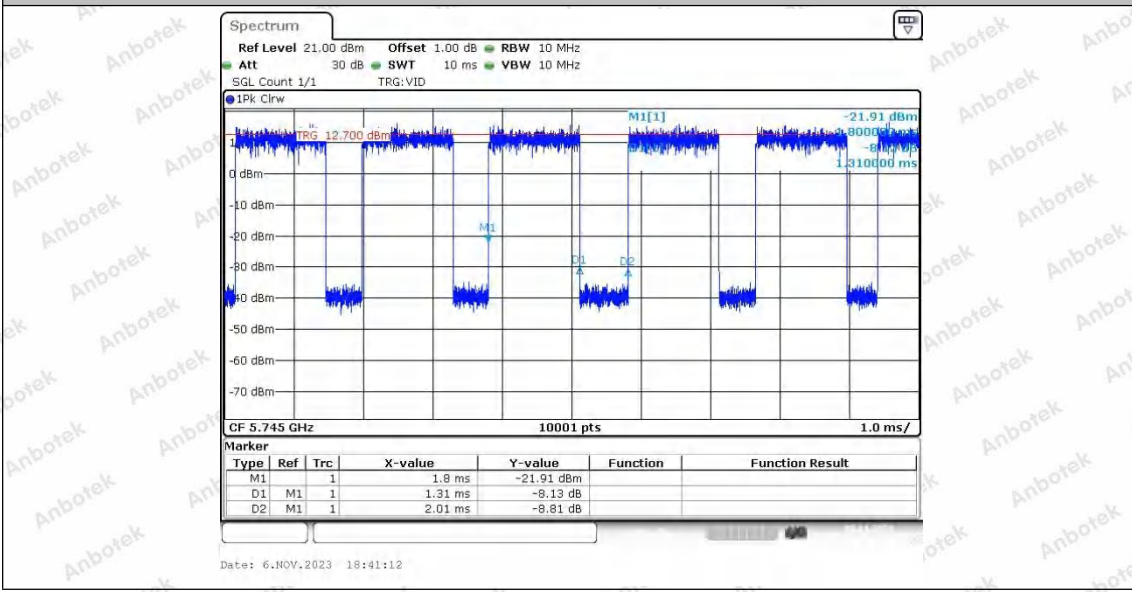




11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant2\_5745



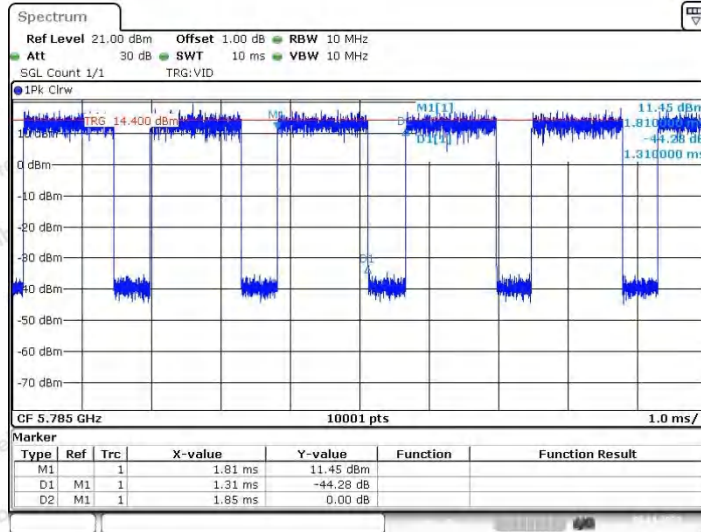
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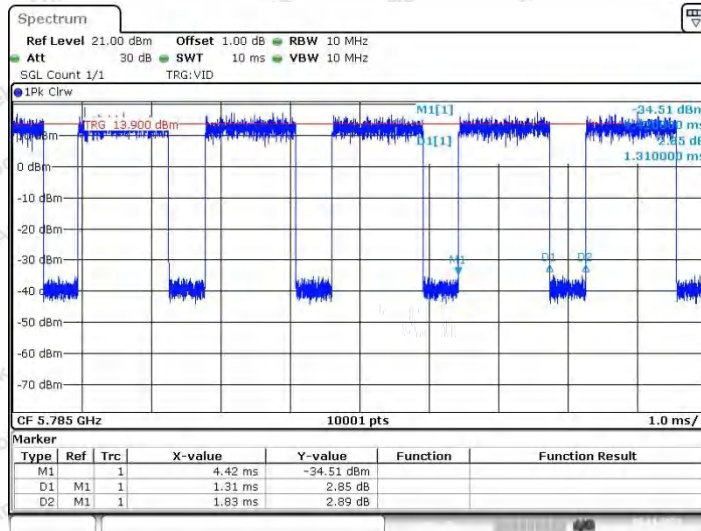


## 11AC20SISO\_Ant1\_5785



Date: 6.NOV.2023 18:37:25

## 11AC20SISO\_Ant2\_5785



Date: 6.NOV.2023 18:43:19

## 11AC20SISO\_Ant1\_5825

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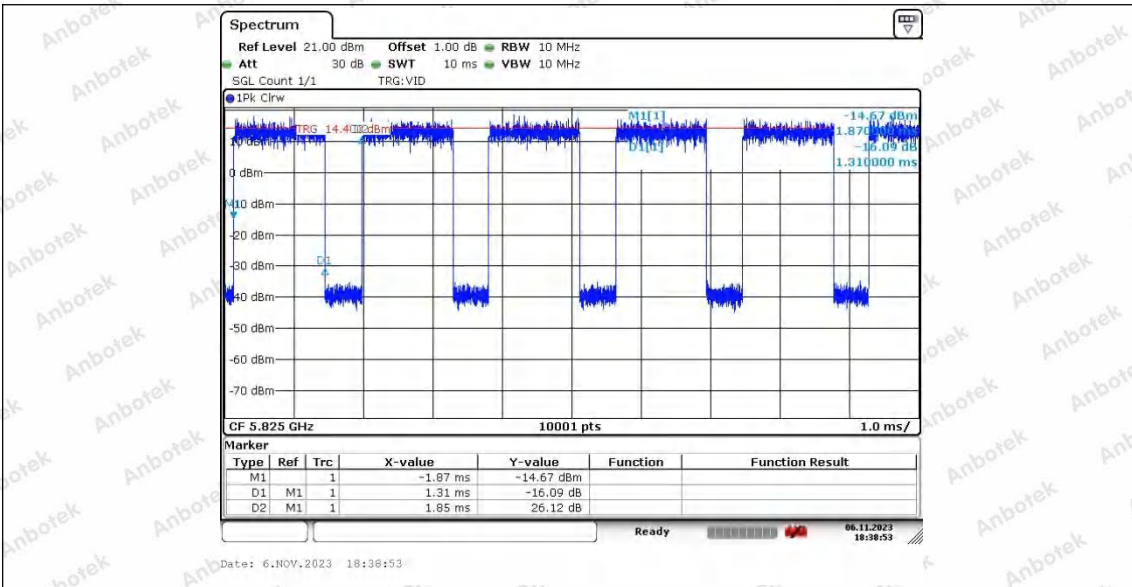
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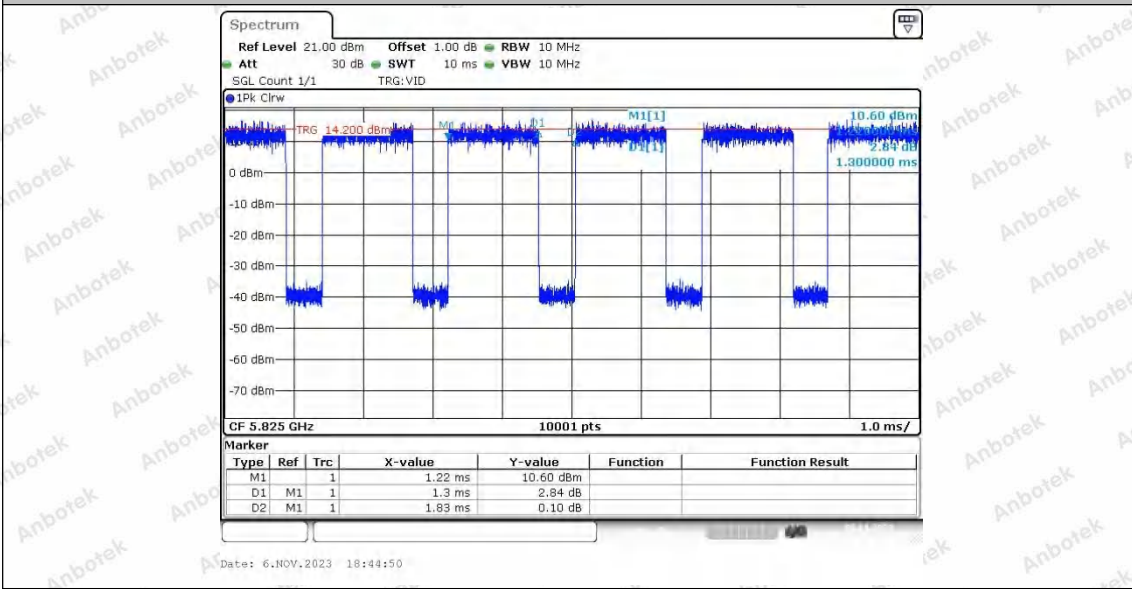
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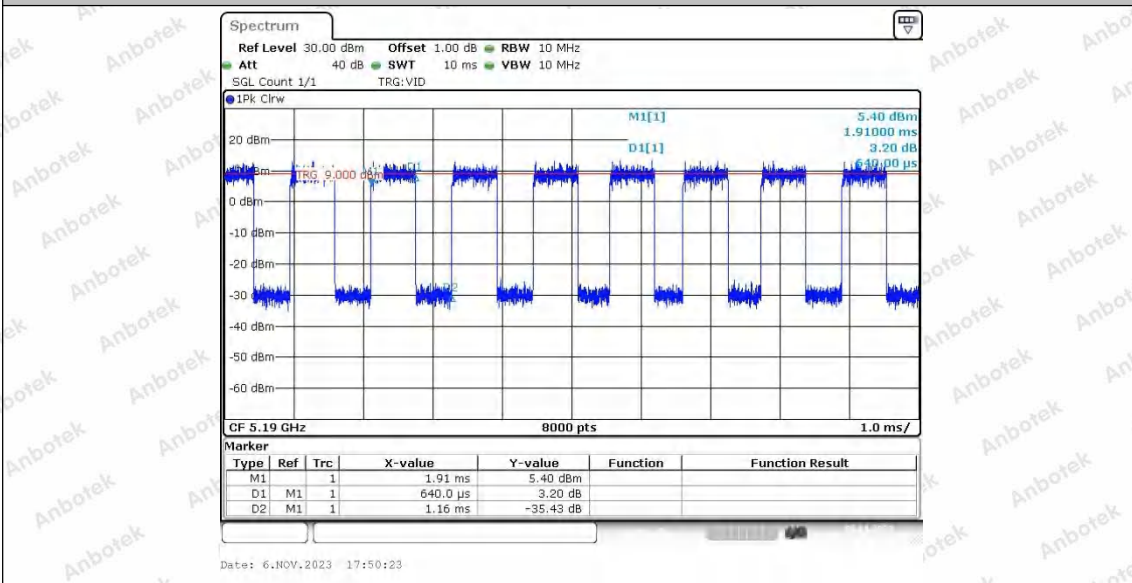




11AC20SISO\_Ant2\_5825



11AC40SISO\_Ant1\_5190



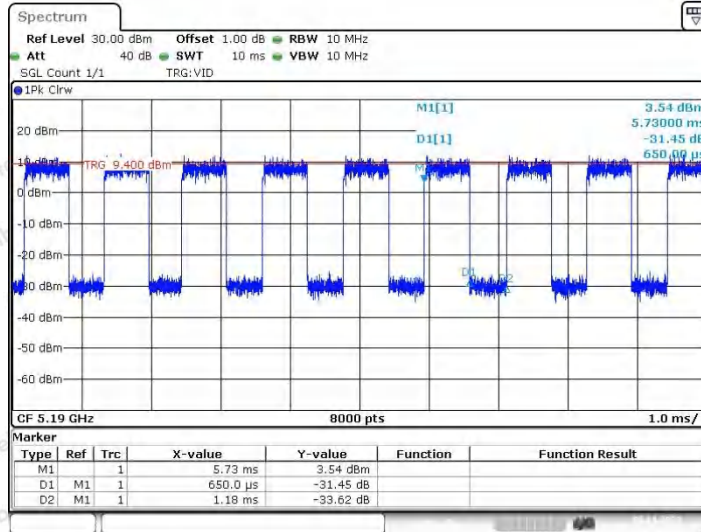
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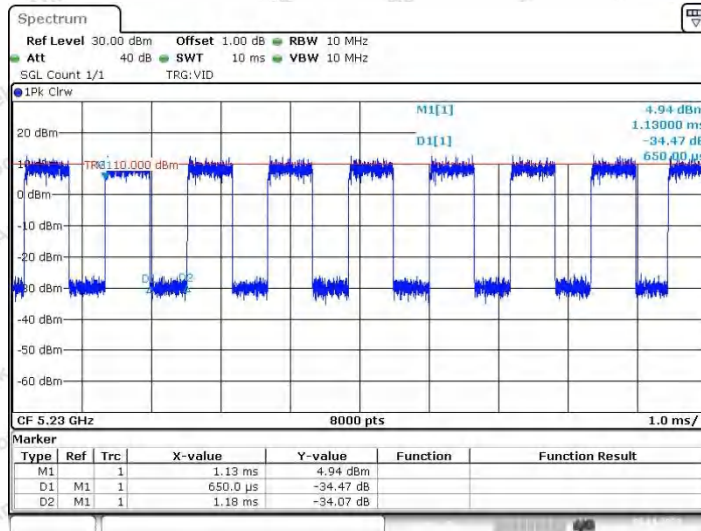


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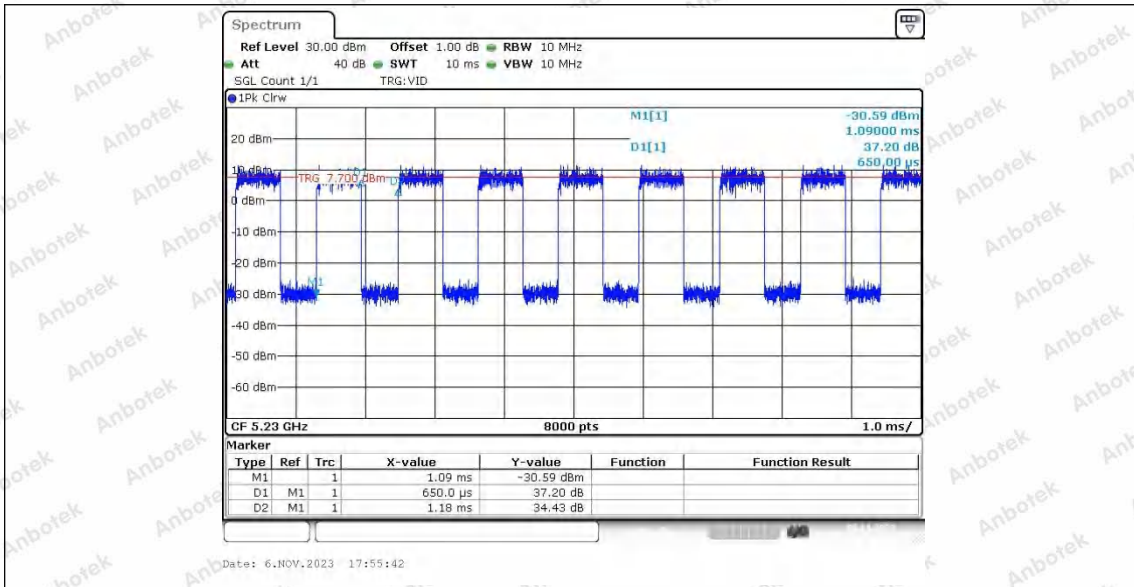
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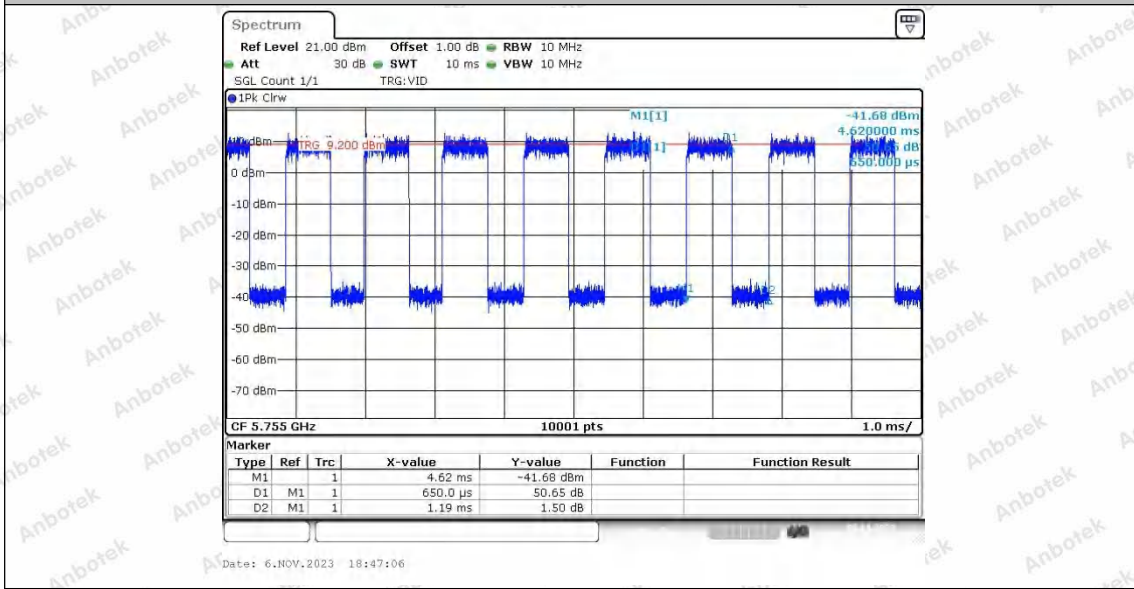
Date: 6.NOV.2023 17:52:17

## 11AC40SISO\_Ant2\_5230

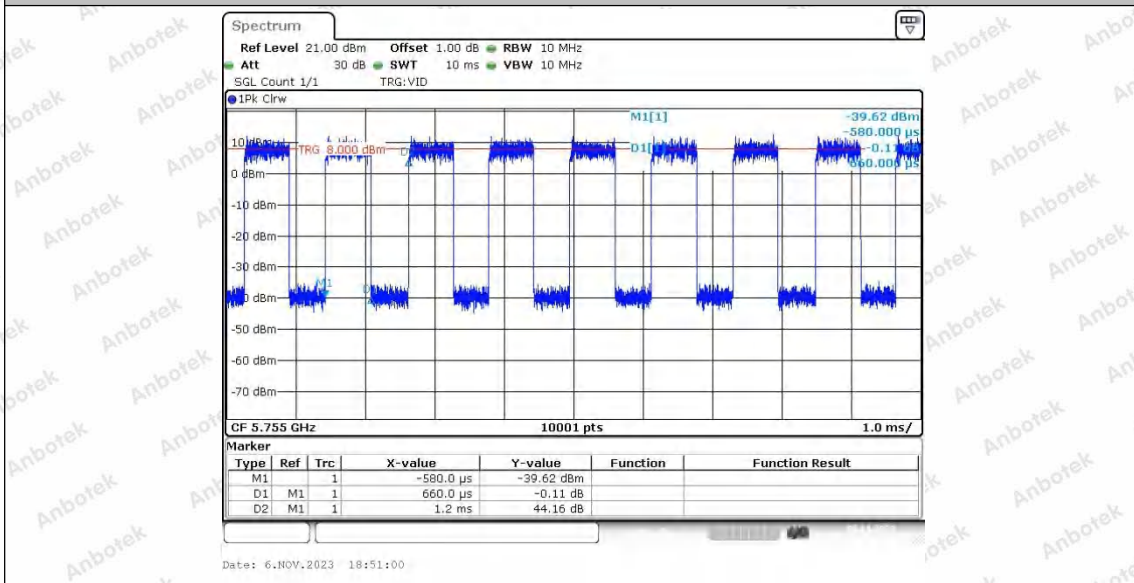




11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant2\_5755



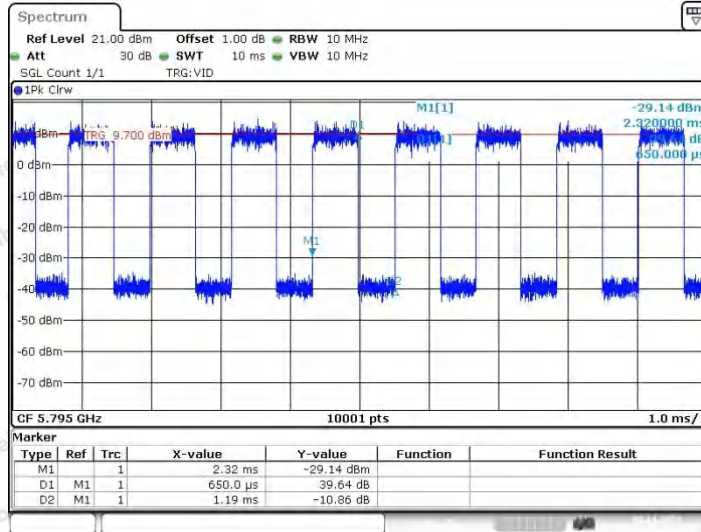
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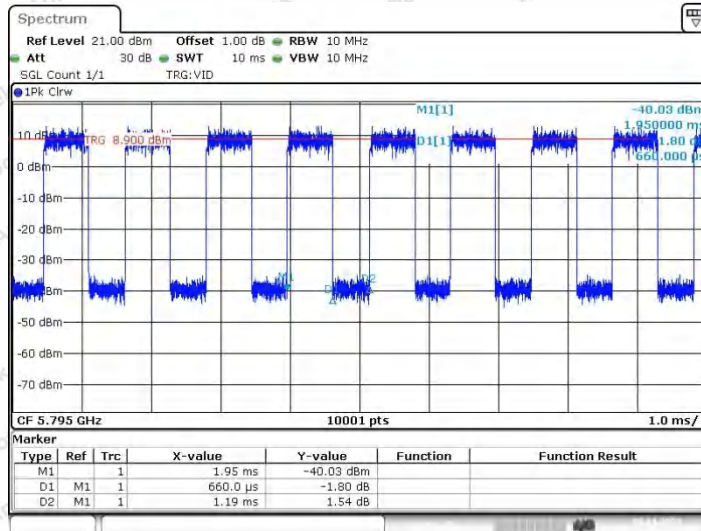


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Date: 6.NOV.2023 18:49:00

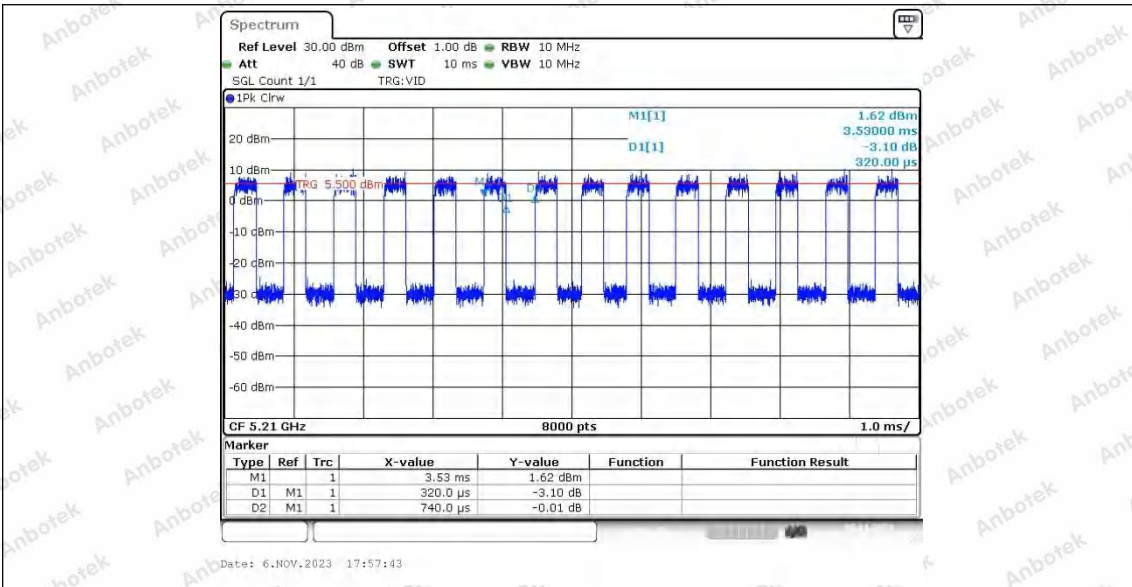
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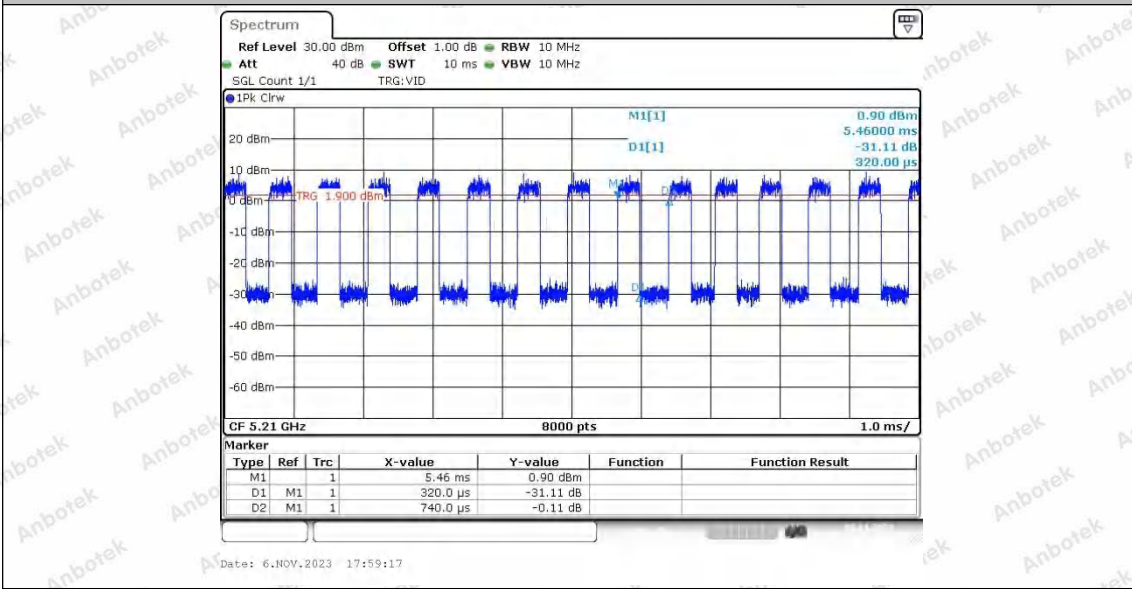
Date: 6.NOV.2023 18:52:52

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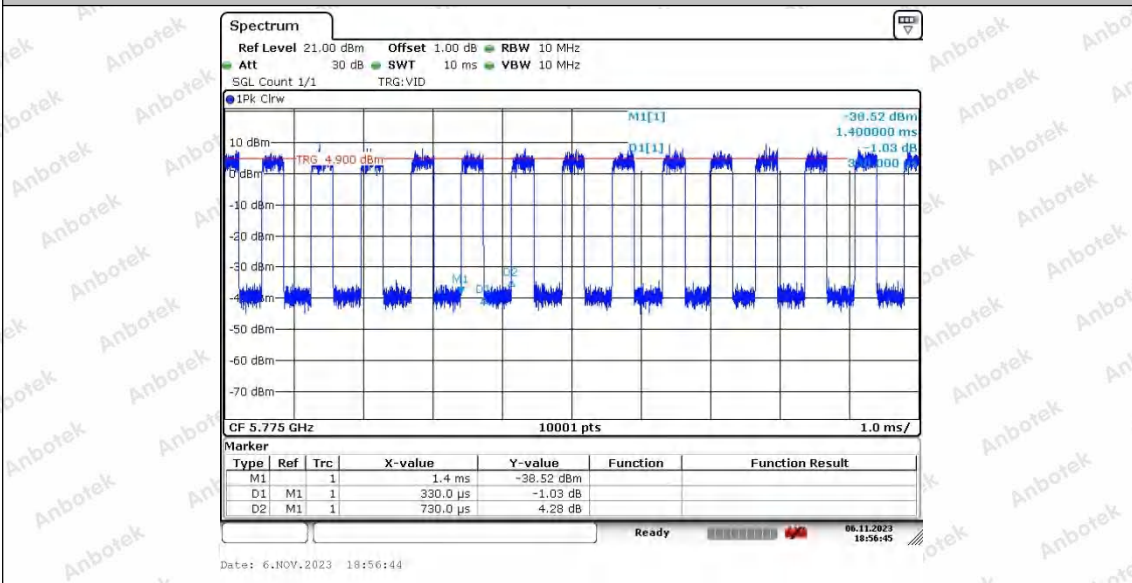




11AC80SISO\_Ant2\_5210



11AC80SISO\_Ant1\_5775

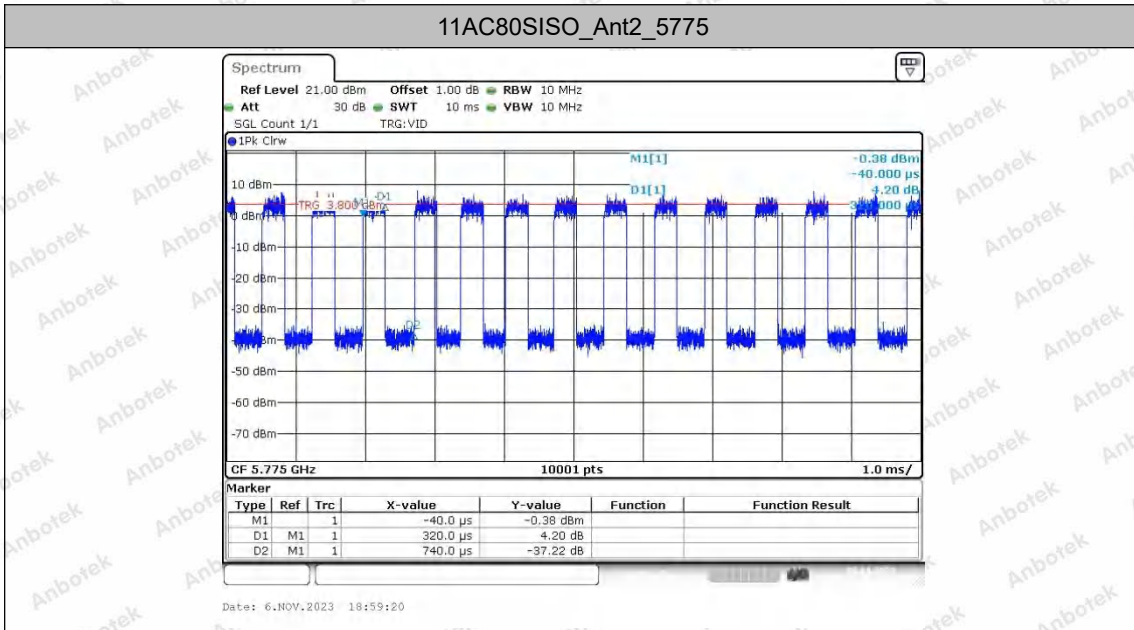


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## Appendix C: Maximum conducted output power

### Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	---	13.77	72.77	1.38	15.15	≤23.98
	Ant2	5180	---	12.85	71.50	1.46	14.31	≤23.98
	Ant1	5200	---	13.54	72.63	1.39	14.93	≤23.98
	Ant2	5200	---	12.53	72.77	1.38	13.91	≤23.98
	Ant1	5240	---	13.53	71.88	1.43	14.96	≤23.98
	Ant2	5240	---	12.45	72.63	1.39	13.84	≤23.98
	Ant1	5745	---	13.67	72.40	1.40	15.07	≤30.00
	Ant2	5745	---	12.95	72.40	1.40	14.35	≤30.00
	Ant1	5785	---	15.02	72.92	1.37	16.39	≤30.00
	Ant2	5785	---	14.07	71.65	1.45	15.52	≤30.00
	Ant1	5825	---	14.91	72.40	1.40	16.31	≤30.00
	Ant2	5825	---	14.04	72.40	1.40	15.44	≤30.00
11N20SI SO	Ant1	5180	---	13.66	71.27	1.47	15.13	≤23.98
	Ant2	5180	---	12.54	70.11	1.54	14.08	≤23.98
	Ant1	5200	---	13.37	71.27	1.47	14.84	≤23.98
	Ant2	5200	---	12.23	71.27	1.47	13.70	≤23.98
	Ant1	5240	---	13.33	69.73	1.57	14.90	≤23.98
	Ant2	5240	---	12.37	71.27	1.47	13.84	≤23.98
	Ant1	5745	---	13.55	71.43	1.46	15.01	≤30.00
	Ant2	5745	---	12.80	70.65	1.51	14.31	≤30.00
	Ant1	5785	---	14.76	71.04	1.48	16.24	≤30.00
	Ant2	5785	---	13.94	70.65	1.51	15.45	≤30.00
	Ant1	5825	---	14.79	71.04	1.48	16.27	≤30.00
	Ant2	5825	---	13.90	71.43	1.46	15.36	≤30.00
11N40SI SO	Ant1	5190	---	12.58	55.17	2.58	15.16	≤23.98
	Ant2	5190	---	11.65	54.70	2.62	14.27	≤23.98
	Ant1	5230	---	12.53	55.17	2.58	15.11	≤23.98
	Ant2	5230	---	11.58	54.24	2.66	14.24	≤23.98
	Ant1	5755	---	13.10	54.62	2.63	15.73	≤30.00
	Ant2	5755	---	12.15	55.17	2.58	14.73	≤30.00
	Ant1	5795	---	13.97	55.56	2.55	16.52	≤30.00
	Ant2	5795	---	13.04	54.24	2.66	15.70	≤30.00
11AC20S ISO	Ant1	5180	---	13.73	71.43	1.46	15.19	≤23.98
	Ant2	5180	---	10.93	69.52	1.58	12.51	≤23.98
	Ant1	5200	---	13.41	71.04	1.48	14.89	≤23.98
	Ant2	5200	---	10.48	71.04	1.48	11.96	≤23.98

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	Ant1	5240	---	13.35	70.65	1.51	14.86	≤23.98
	Ant2	5240	---	10.02	71.43	1.46	11.48	≤23.98
	Ant1	5745	---	13.59	70.81	1.50	15.09	≤30.00
	Ant2	5745	---	12.82	65.17	1.86	14.68	≤30.00
	Ant1	5785	---	14.81	70.81	1.50	16.31	≤30.00
	Ant2	5785	---	13.99	71.58	1.45	15.44	≤30.00
	Ant1	5825	---	14.71	70.81	1.50	16.21	≤30.00
	Ant2	5825	---	13.93	71.04	1.48	15.41	≤30.00
11AC40S ISO	Ant1	5190	---	12.71	55.17	2.58	15.29	≤23.98
	Ant2	5190	---	11.80	54.70	2.62	14.42	≤23.98
	Ant1	5230	---	11.49	55.08	2.59	14.08	≤23.98
	Ant2	5230	---	10.48	55.08	2.59	13.07	≤23.98
	Ant1	5755	---	12.23	54.62	2.63	14.86	≤30.00
	Ant2	5755	---	11.46	55.00	2.60	14.06	≤30.00
	Ant1	5795	---	13.09	54.62	2.63	15.72	≤30.00
	Ant2	5795	---	12.38	55.46	2.56	14.94	≤30.00
11AC80S ISO	Ant1	5210	---	12.35	43.24	3.64	15.99	≤23.98
	Ant2	5210	---	11.55	43.24	3.64	15.19	≤23.98
	Ant1	5775	---	11.74	45.21	3.45	15.19	≤30.00
	Ant2	5775	---	10.77	43.24	3.64	14.41	≤30.00

Note: The Duty Cycle Factor is compensated in the graph.

### MIMO:

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]
11N20SISO	Ant1+ANT2	5180	17.65	≤23.98
	Ant1+ANT2	5200	17.32	≤23.98
	Ant1+ANT2	5240	17.41	≤23.98
	Ant1+ANT2	5745	17.68	≤30.00
	Ant1+ANT2	5785	18.87	≤30.00
	Ant1+ANT2	5825	18.85	≤30.00
11N40SISO	Ant1+ANT2	5190	17.75	≤23.98
	Ant1+ANT2	5230	17.71	≤23.98
	Ant1+ANT2	5755	18.27	≤30.00
	Ant1+ANT2	5795	<b>19.14</b>	≤30.00
11AC20SISO	Ant1+ANT2	5180	17.06	≤23.98
	Ant1+ANT2	5200	16.68	≤23.98
	Ant1+ANT2	5240	16.50	≤23.98
	Ant1+ANT2	5745	17.90	≤30.00
	Ant1+ANT2	5785	18.91	≤30.00
	Ant1+ANT2	5825	18.84	≤30.00
11AC40SISO	Ant1+ANT2	5190	17.89	≤23.98

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	Ant1+ANT2	5230	16.61	≤23.98
	Ant1+ANT2	5755	17.49	≤30.00
	Ant1+ANT2	5795	18.36	≤30.00
11AC80SISO	Ant1+ANT2	5210	18.62	≤23.98
	Ant1+ANT2	5775	17.83	≤30.00

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## Appendix D: Maximum power spectral density

### Test Result B1

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.90	≤11.00	PASS
	Ant2	5180	6.00	≤11.00	PASS
	Ant1	5200	6.99	≤11.00	PASS
	Ant2	5200	5.30	≤11.00	PASS
	Ant1	5240	7.16	≤11.00	PASS
	Ant2	5240	5.71	≤11.00	PASS
11N20SISO	Ant1	5180	6.69	≤11.00	PASS
	Ant2	5180	5.47	≤11.00	PASS
	Ant1	5200	6.66	≤11.00	PASS
	Ant2	5200	5.54	≤11.00	PASS
	Ant1	5240	6.41	≤11.00	PASS
	Ant2	5240	5.50	≤11.00	PASS
11N40SISO	Ant1	5190	2.32	≤11.00	PASS
	Ant2	5190	1.61	≤11.00	PASS
	Ant1	5230	2.60	≤11.00	PASS
	Ant2	5230	0.74	≤11.00	PASS
11AC20SISO	Ant1	5180	6.75	≤11.00	PASS
	Ant2	5180	4.36	≤11.00	PASS
	Ant1	5200	6.79	≤11.00	PASS
	Ant2	5200	3.38	≤11.00	PASS
	Ant1	5240	6.30	≤11.00	PASS
	Ant2	5240	3.09	≤11.00	PASS
11AC40SISO	Ant1	5190	2.27	≤11.00	PASS
	Ant2	5190	1.53	≤11.00	PASS
	Ant1	5230	1.80	≤11.00	PASS
	Ant2	5230	0.42	≤11.00	PASS
11AC80SISO	Ant1	5210	-1.44	≤11.00	PASS
	Ant2	5210	-2.65	≤11.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

### MIMO:

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20SISO	Ant1+ANT2	5180	9.13	≤11.00	PASS
	Ant1+ANT2	5200	9.15	≤11.00	PASS
	Ant1+ANT2	5240	8.99	≤11.00	PASS
11N40SISO	Ant1+ANT2	5190	4.99	≤11.00	PASS

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	Ant1+ANT2	5230	4.78	≤11.00	PASS
11AC20SISO	Ant1+ANT2	5180	8.73	≤11.00	PASS
	Ant1+ANT2	5200	8.42	≤11.00	PASS
	Ant1+ANT2	5240	8.00	≤11.00	PASS
	Ant1+ANT2	5190	4.93	≤11.00	PASS
11AC40SISO	Ant1+ANT2	5230	4.17	≤11.00	PASS
	Ant1+ANT2	5210	1.01	≤11.00	PASS

## Test Result B4

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	2.95	≤30.00	PASS
	Ant2	5745	2.33	≤30.00	PASS
	Ant1	5785	4.85	≤30.00	PASS
	Ant2	5785	3.3	≤30.00	PASS
	Ant1	5825	4.12	≤30.00	PASS
	Ant2	5825	3.89	≤30.00	PASS
11N20SISO	Ant1	5745	2.22	≤30.00	PASS
	Ant2	5745	1.83	≤30.00	PASS
	Ant1	5785	3.82	≤30.00	PASS
	Ant2	5785	2.79	≤30.00	PASS
	Ant1	5825	4.11	≤30.00	PASS
	Ant2	5825	3.06	≤30.00	PASS
11N40SISO	Ant1	5755	-0.76	≤30.00	PASS
	Ant2	5755	-1.71	≤30.00	PASS
	Ant1	5795	0.1	≤30.00	PASS
	Ant2	5795	-0.6	≤30.00	PASS
11AC20SISO	Ant1	5745	2.38	≤30.00	PASS
	Ant2	5745	2.02	≤30.00	PASS
	Ant1	5785	4.52	≤30.00	PASS
	Ant2	5785	3.22	≤30.00	PASS
	Ant1	5825	4.97	≤30.00	PASS
	Ant2	5825	3.72	≤30.00	PASS
11AC40SISO	Ant1	5755	-1.66	≤30.00	PASS
	Ant2	5755	-2.35	≤30.00	PASS
	Ant1	5795	-0.96	≤30.00	PASS
	Ant2	5795	-0.88	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.67	≤30.00	PASS
	Ant2	5775	-7.09	≤30.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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## MIMO:

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11N20SISO	Ant1+ANT2	5745	5.04	≤30.00	PASS
	Ant1+ANT2	5785	6.35	≤30.00	PASS
	Ant1+ANT2	5825	6.63	≤30.00	PASS
11N40SISO	Ant1+ANT2	5755	1.80	≤30.00	PASS
	Ant1+ANT2	5795	2.77	≤30.00	PASS
11AC20SISO	Ant1+ANT2	5745	5.21	≤30.00	PASS
	Ant1+ANT2	5785	6.93	≤30.00	PASS
	Ant1+ANT2	5825	7.40	≤30.00	PASS
11AC40SISO	Ant1+ANT2	5755	1.02	≤30.00	PASS
	Ant1+ANT2	5795	2.09	≤30.00	PASS
11AC80SISO	Ant1+ANT2	5775	-3.31	≤30.00	PASS

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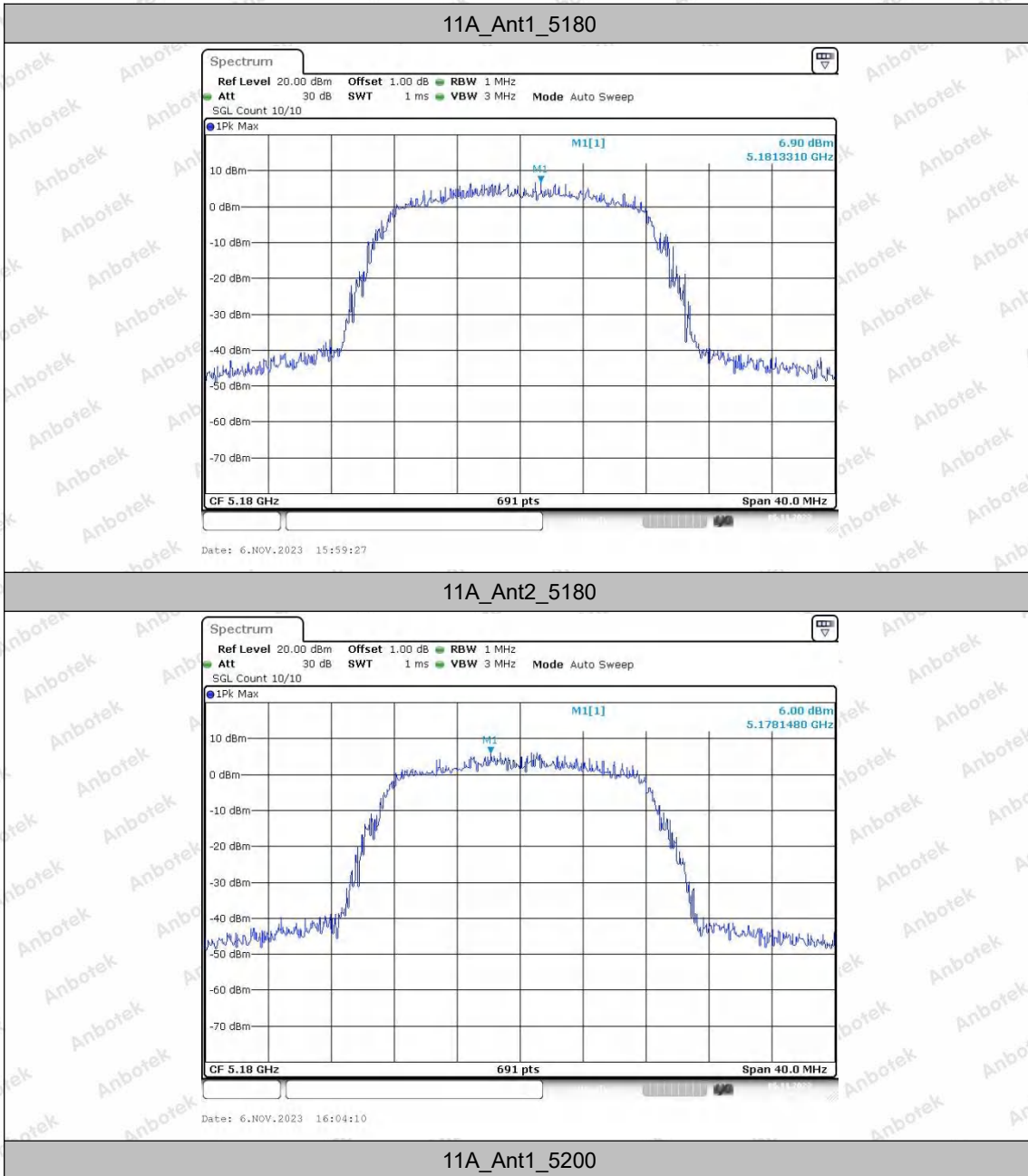
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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## Test Graphs B1

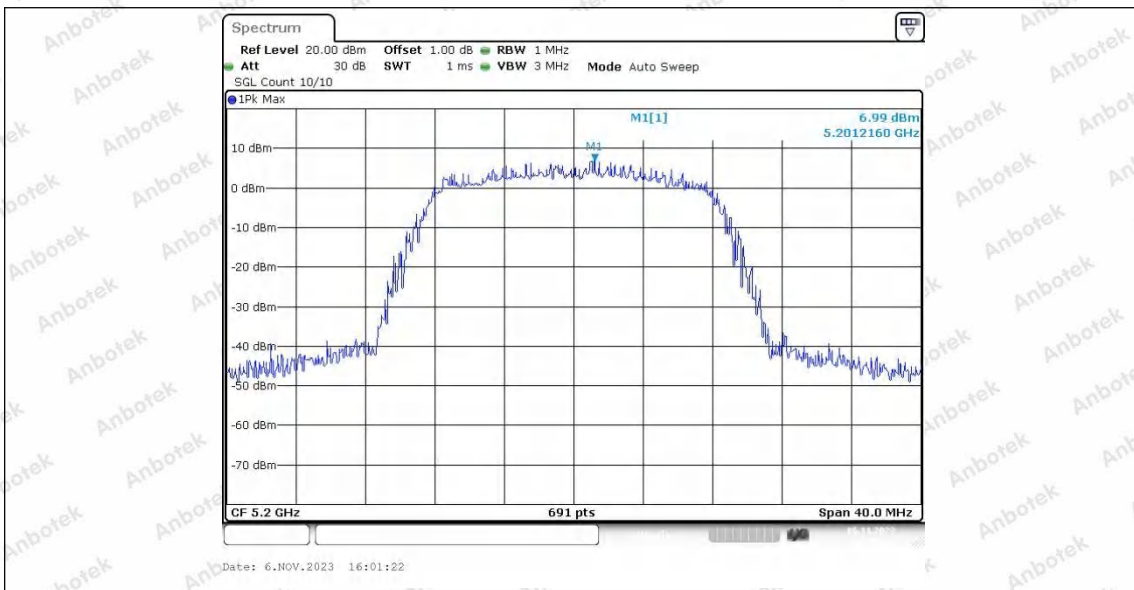


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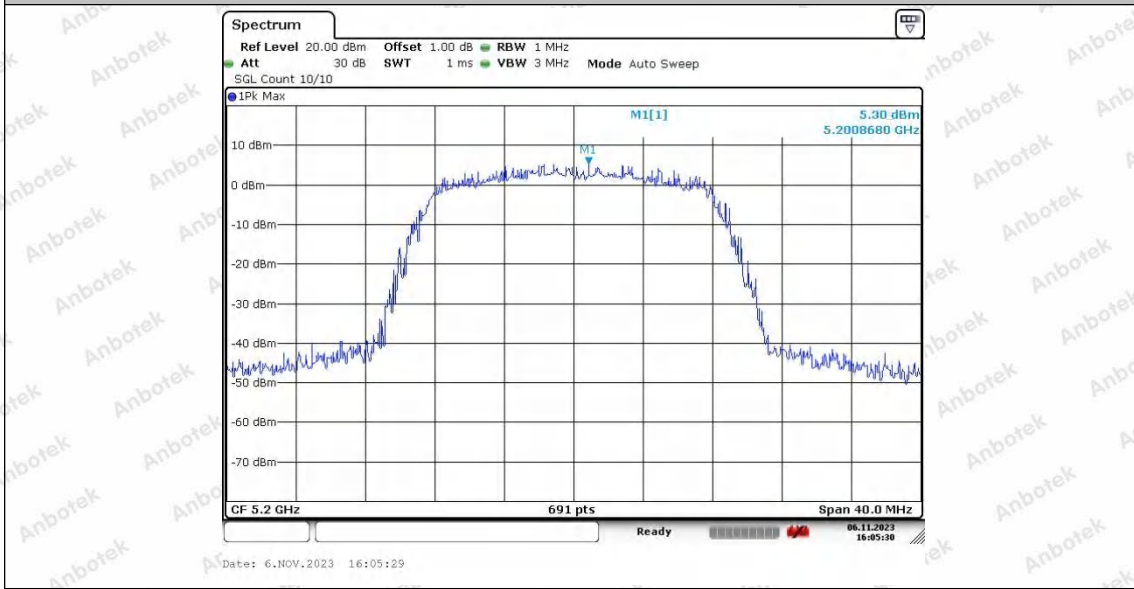
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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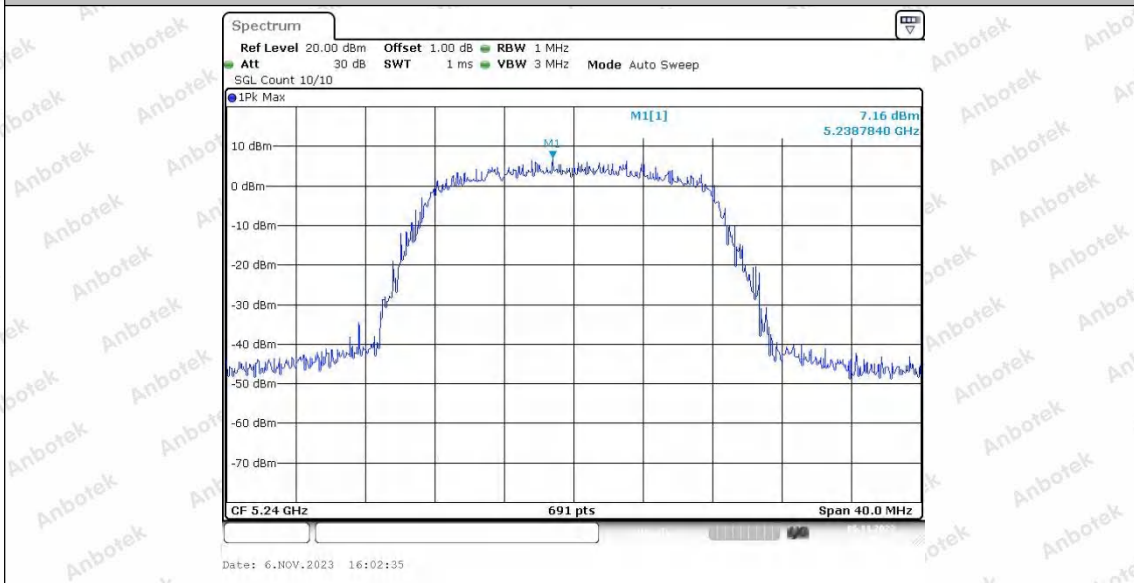




11A\_Ant2\_5200



11A\_Ant1\_5240



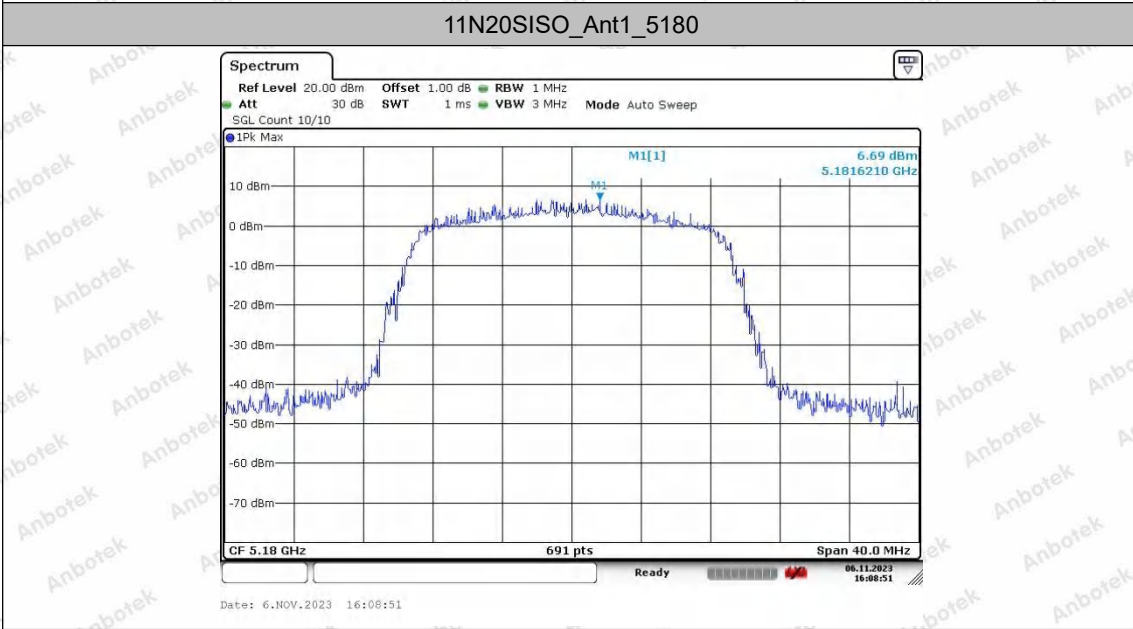
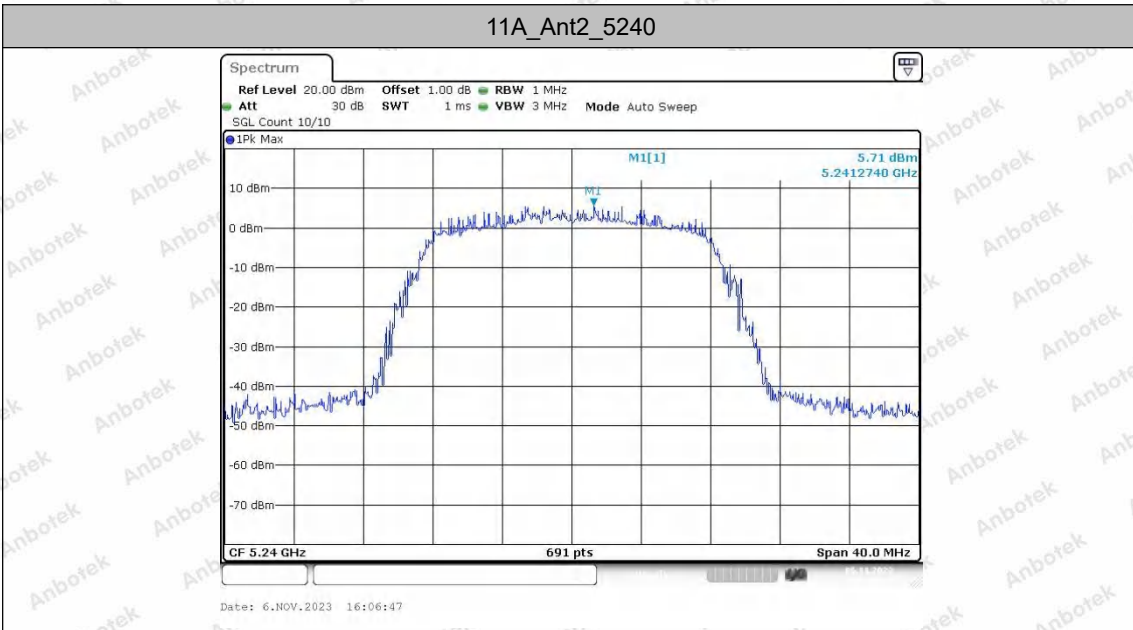
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### 11N20SISO\_Ant2\_5180

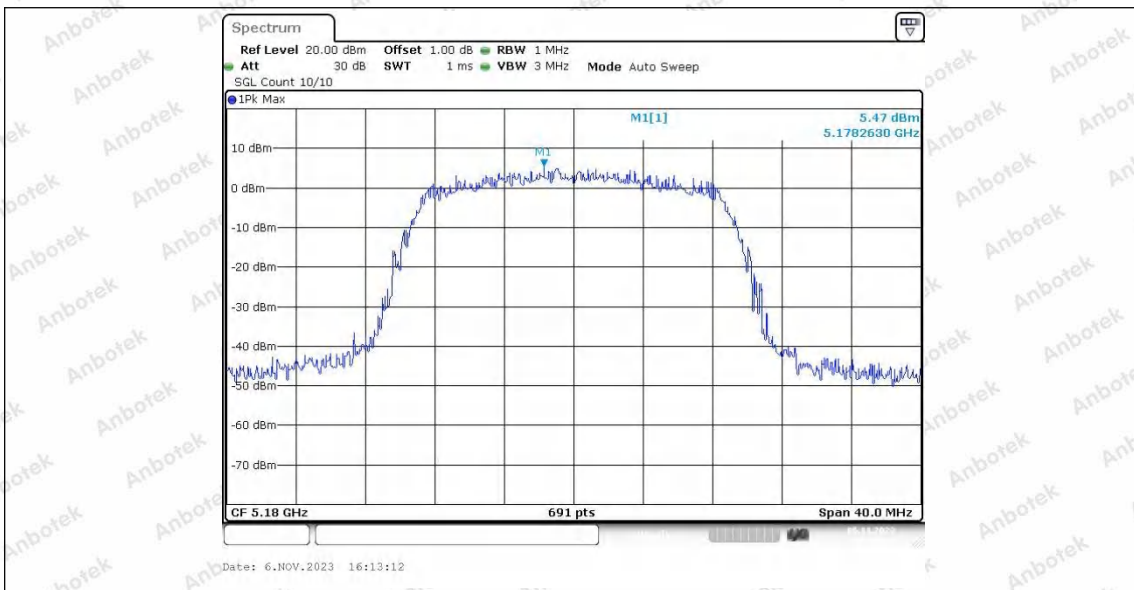
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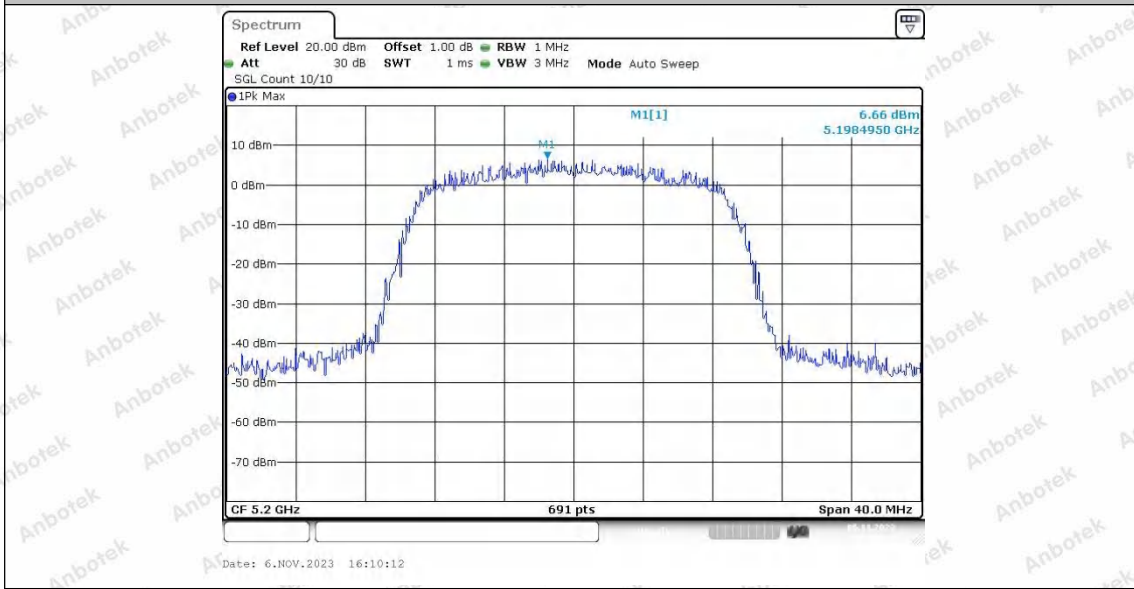


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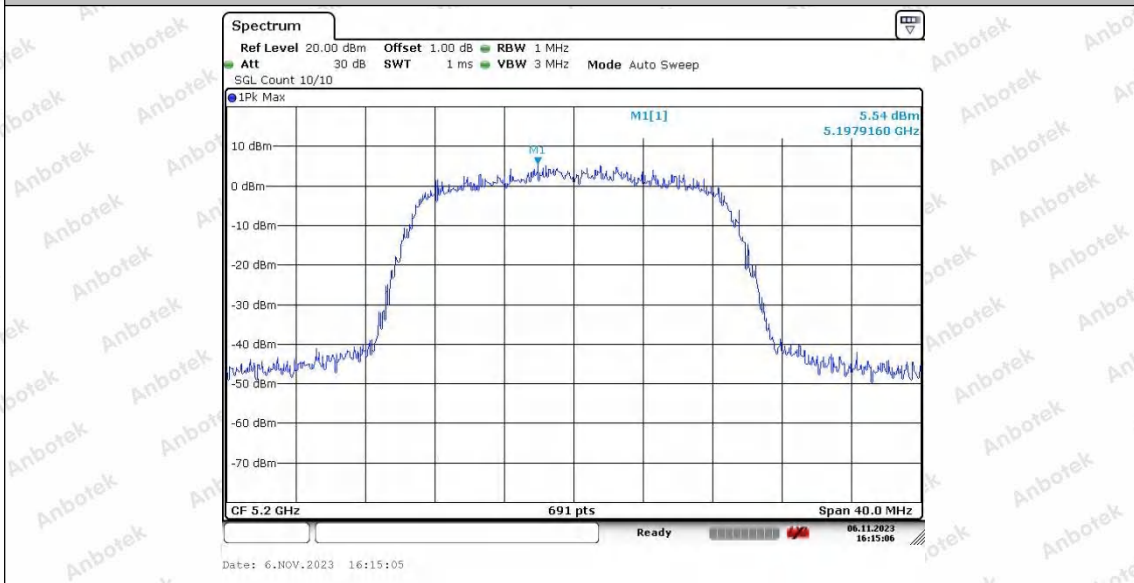




11N20SISO\_Ant1\_5200



11N20SISO\_Ant2\_5200



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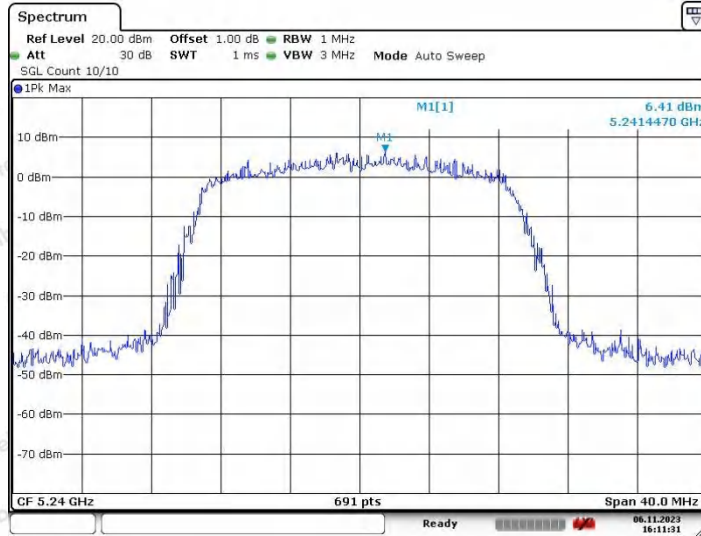


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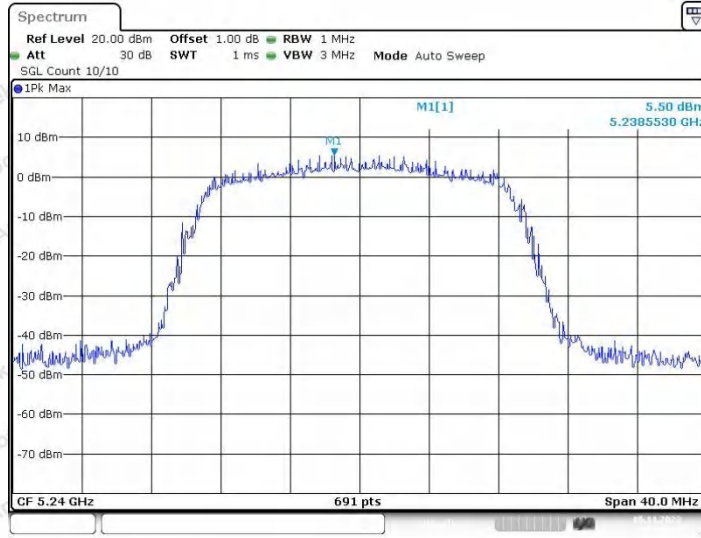


### 11N20SISO\_Ant1\_5240



Date: 6.NOV.2023 16:11:30

### 11N20SISO\_Ant2\_5240



Date: 6.NOV.2023 16:16:14

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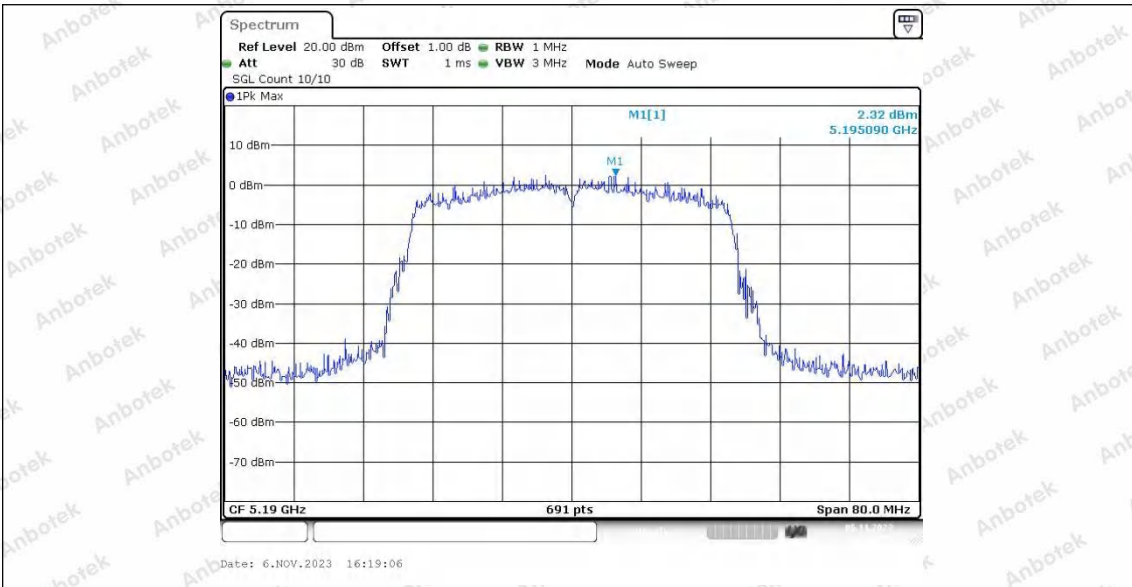
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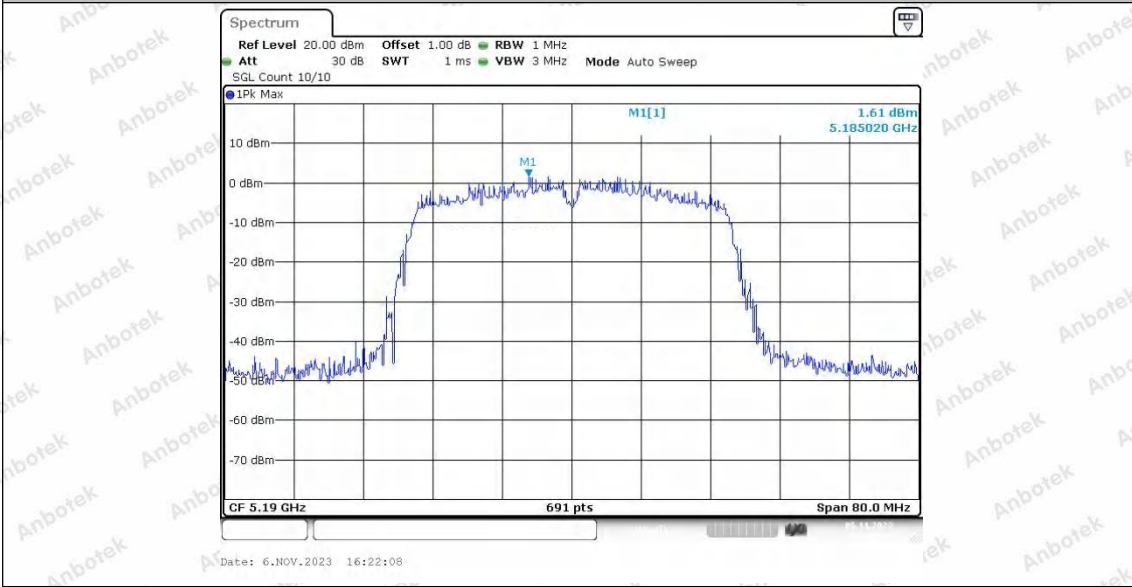


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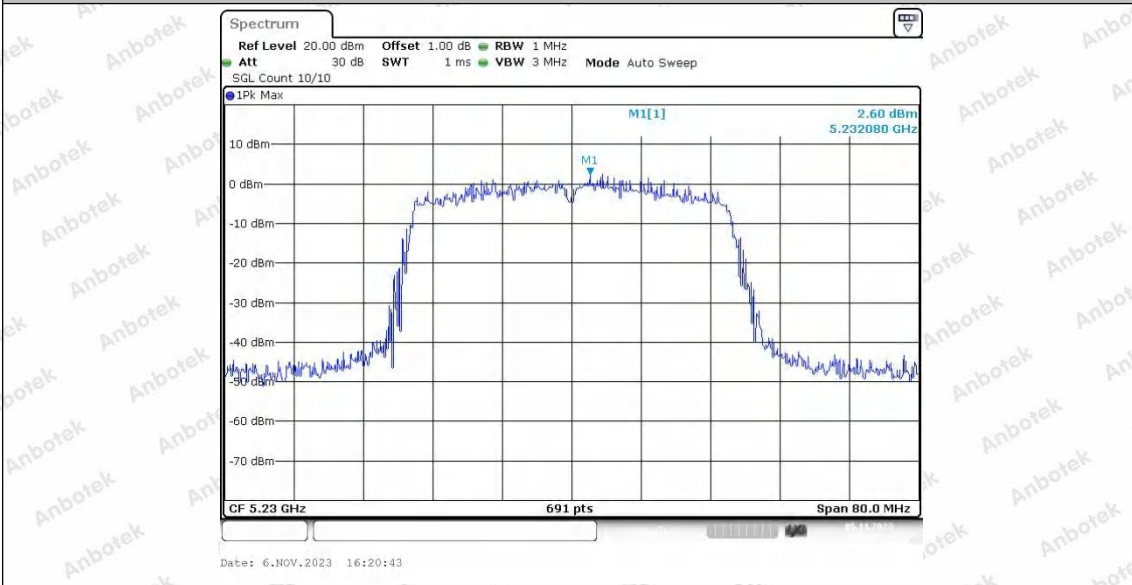




11N40SISO\_Ant2\_5190



11N40SISO\_Ant1\_5230



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