



## 7 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 120V	a	5180	Ant1	5180	0	0	25	Pass
20C 138V	a	5180	Ant1	5180.04	40000	7.72	25	Pass
10C 120V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
30C 120V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 102V	a	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 120V	a	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 138V	a	5200	Ant1	5200	0	0	25	Pass
10C 120V	a	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 120V	a	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 102V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 120V	a	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 138V	a	5240	Ant1	5240	0	0	25	Pass
10C 120V	a	5240	Ant1	5240.04	40000	7.63	25	Pass
30C 120V	a	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 102V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 120V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 138V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 120V	a	5745	Ant1	5745	0	0	25	Pass
30C 120V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 102V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 138V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
10C 120V	a	5785	Ant1	5785	0	0	25	Pass
30C 120V	a	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 102V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 138V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 120V	a	5825	Ant1	5825	0	0	25	Pass
20C 102V	n20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 120V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 138V	n20	5180	Ant1	5180.04	40000	7.72	25	Pass
10C 120V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
30C 120V	n20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 102V	n20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 120V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 138V	n20	5200	Ant1	5200	0	0	25	Pass
10C 120V	n20	5200	Ant1	5180.04	40000	7.72	25	Pass
30C 120V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 102V	n20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 120V	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 138V	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 120V	n20	5240	Ant1	5240.04	40000	7.63	25	Pass
30C 120V	n20	5240	Ant1	5240.06	60000	11.45	25	Pass
20C 102V	n20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 138V	n20	5745	Ant1	5745.06	60000	10.44	25	Pass
10C 120V	n20	5745	Ant1	5745.06	60000	10.44	25	Pass
30C 120V	n20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 102V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass



20C 120V	n20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 138V	n20	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 120V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	n20	5785	Ant1	5785	0	0	25	Pass
20C 102V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 138V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 120V	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 102V	n40	5190	Ant1	5190	0	0	25	Pass
20C 120V	n40	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 138V	n40	5190	Ant1	5190.04	40000	7.71	25	Pass
10C 120V	n40	5190	Ant1	5190	0	0	25	Pass
30C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 102V	n40	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 120V	n40	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 138V	n40	5230	Ant1	5230	0	0	25	Pass
10C 120V	n40	5230	Ant1	5230.04	40000	7.65	25	Pass
30C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 102V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 138V	n40	5755	Ant1	5755.08	80000	13.9	25	Pass
10C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
30C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 102V	n40	5795	Ant1	5795	0	0	25	Pass
20C 120V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 138V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
10C 120V	n40	5795	Ant1	5795.08	80000	13.81	25	Pass
30C 120V	n40	5795	Ant1	5795.08	80000	13.81	25	Pass



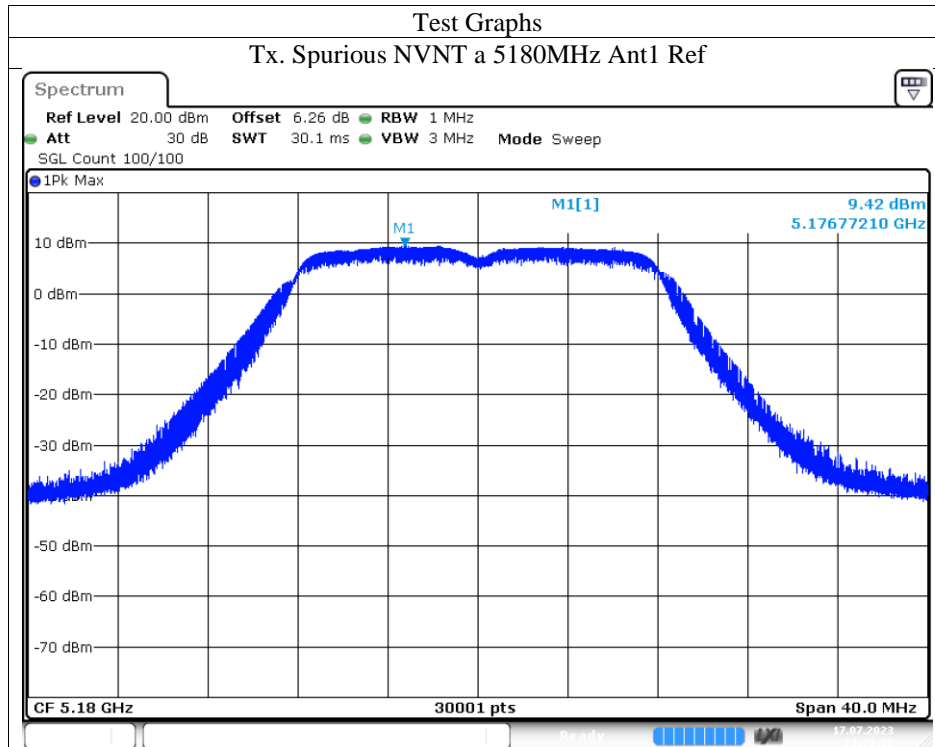
## 8 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	30-1000	-41.9	-27	Pass
NVNT	a	5180	Ant1	1000-5000	-40.06	-27	Pass
NVNT	a	5180	Ant1	5000-40000	-31.7	-27	Pass
NVNT	a	5200	Ant1	30-1000	-42.3	-27	Pass
NVNT	a	5200	Ant1	1000-5000	-39.3	-27	Pass
NVNT	a	5200	Ant1	5000-40000	-32.56	-27	Pass
NVNT	a	5240	Ant1	30-1000	-42.11	-27	Pass
NVNT	a	5240	Ant1	1000-5000	-39.96	-27	Pass
NVNT	a	5240	Ant1	5000-40000	-32.17	-27	Pass
NVNT	a	5745	Ant1	30-1000	-41.9	-27	Pass
NVNT	a	5745	Ant1	1000-5000	-39.99	-27	Pass
NVNT	a	5745	Ant1	5000-40000	-32.1	-27	Pass
NVNT	a	5785	Ant1	30-1000	-41.48	-27	Pass
NVNT	a	5785	Ant1	1000-5000	-38.91	-27	Pass
NVNT	a	5785	Ant1	5000-40000	-31.7	-27	Pass
NVNT	a	5825	Ant1	30-1000	-41.83	-27	Pass
NVNT	a	5825	Ant1	1000-5000	-39.68	-27	Pass
NVNT	a	5825	Ant1	5000-40000	-30.91	-27	Pass
NVNT	n20	5180	Ant1	30-1000	-42.2	-27	Pass
NVNT	n20	5180	Ant1	1000-5000	-39.79	-27	Pass
NVNT	n20	5180	Ant1	5000-40000	-32.17	-27	Pass
NVNT	n20	5200	Ant1	30-1000	-40.85	-27	Pass
NVNT	n20	5200	Ant1	1000-5000	-39.7	-27	Pass
NVNT	n20	5200	Ant1	5000-40000	-31.85	-27	Pass
NVNT	n20	5240	Ant1	30-1000	-42.08	-27	Pass
NVNT	n20	5240	Ant1	1000-5000	-39.43	-27	Pass
NVNT	n20	5240	Ant1	5000-40000	-32.35	-27	Pass
NVNT	n20	5745	Ant1	30-1000	-41.76	-27	Pass
NVNT	n20	5745	Ant1	1000-5000	-39.68	-27	Pass
NVNT	n20	5745	Ant1	5000-40000	-32.46	-27	Pass
NVNT	n20	5785	Ant1	30-1000	-42.12	-27	Pass
NVNT	n20	5785	Ant1	1000-5000	-40.23	-27	Pass
NVNT	n20	5785	Ant1	5000-40000	-31.82	-27	Pass
NVNT	n20	5825	Ant1	30-1000	-41.72	-27	Pass
NVNT	n20	5825	Ant1	1000-5000	-39.17	-27	Pass
NVNT	n20	5825	Ant1	5000-40000	-32.19	-27	Pass
NVNT	n40	5190	Ant1	30-1000	-42.25	-27	Pass
NVNT	n40	5190	Ant1	1000-5000	-39.41	-27	Pass
NVNT	n40	5190	Ant1	5000-40000	-32.6	-27	Pass
NVNT	n40	5230	Ant1	30-1000	-41.36	-27	Pass

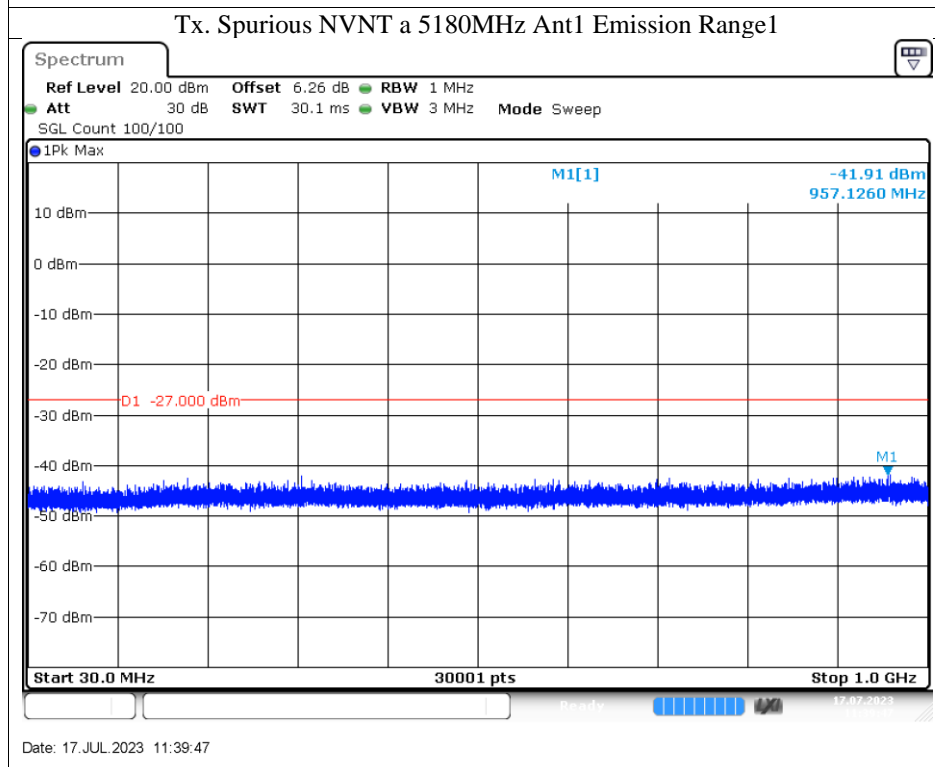


NVNT	n40	5230	Ant1	1000-5000	-38.88	-27	Pass
NVNT	n40	5230	Ant1	5000-40000	-32.39	-27	Pass
NVNT	n40	5755	Ant1	30-1000	-41.56	-27	Pass
NVNT	n40	5755	Ant1	1000-5000	-39.01	-27	Pass
NVNT	n40	5755	Ant1	5000-40000	-32.32	-27	Pass
NVNT	n40	5795	Ant1	30-1000	-41.52	-27	Pass
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NVNT	n40	5795	Ant1	5000-40000	-32.2	-27	Pass

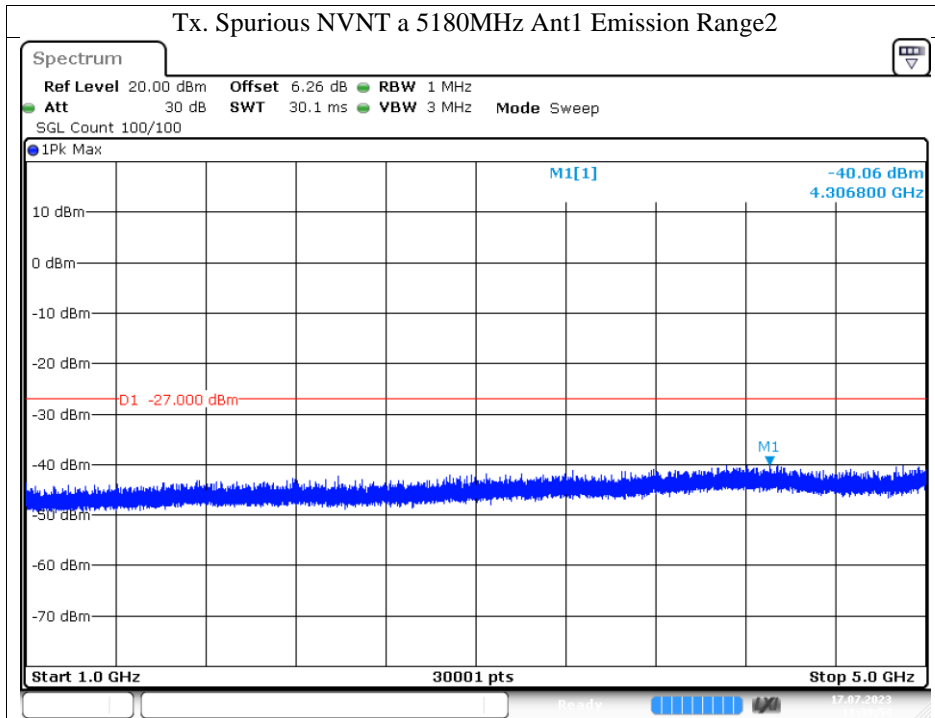




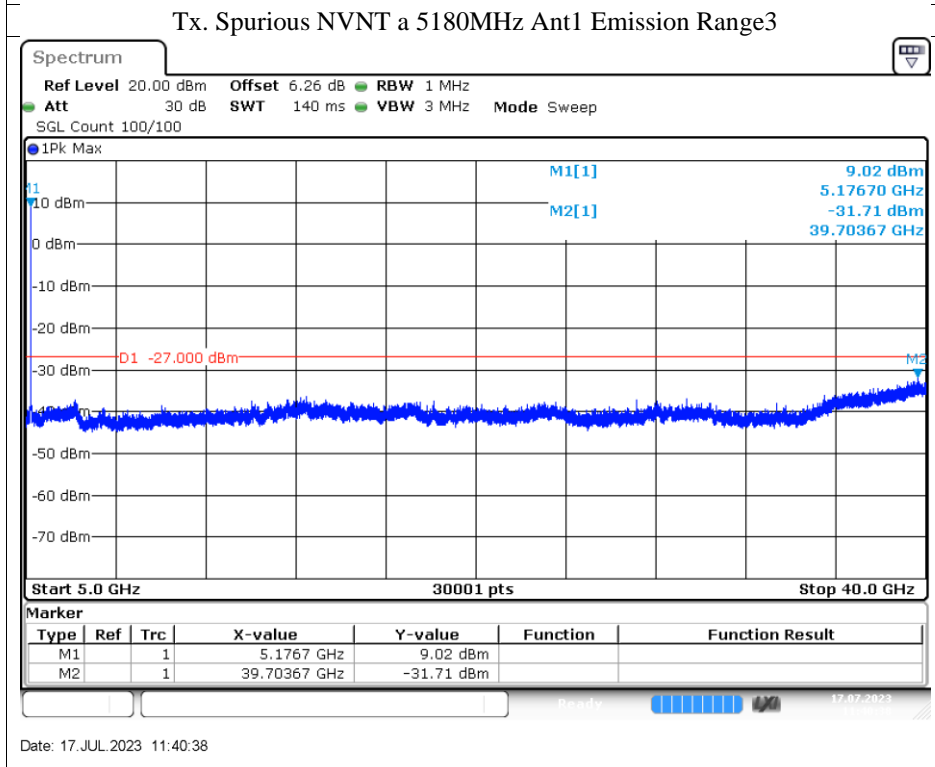
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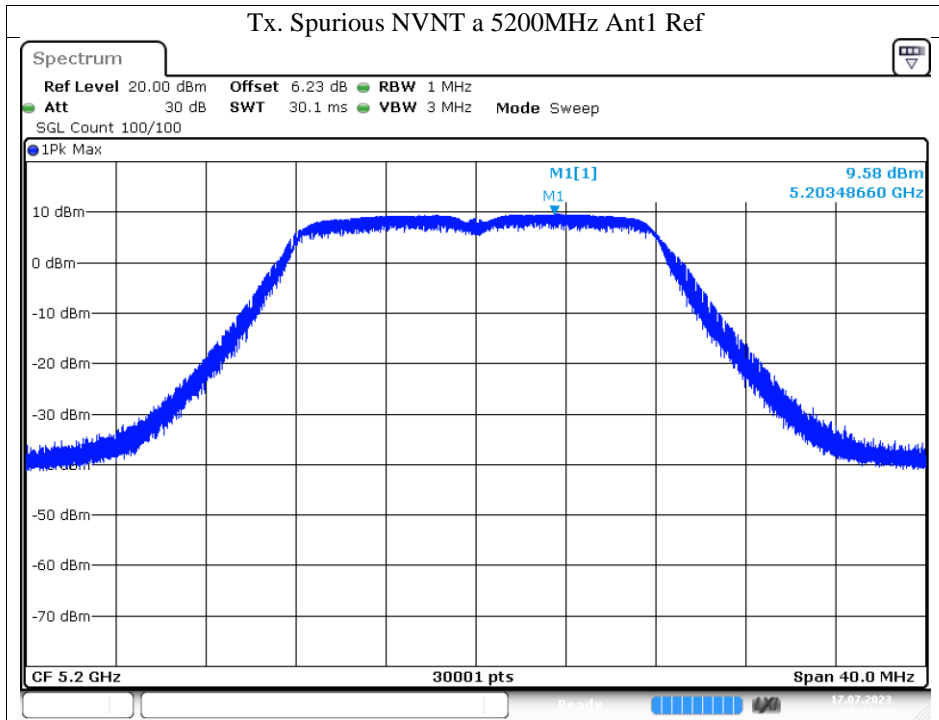
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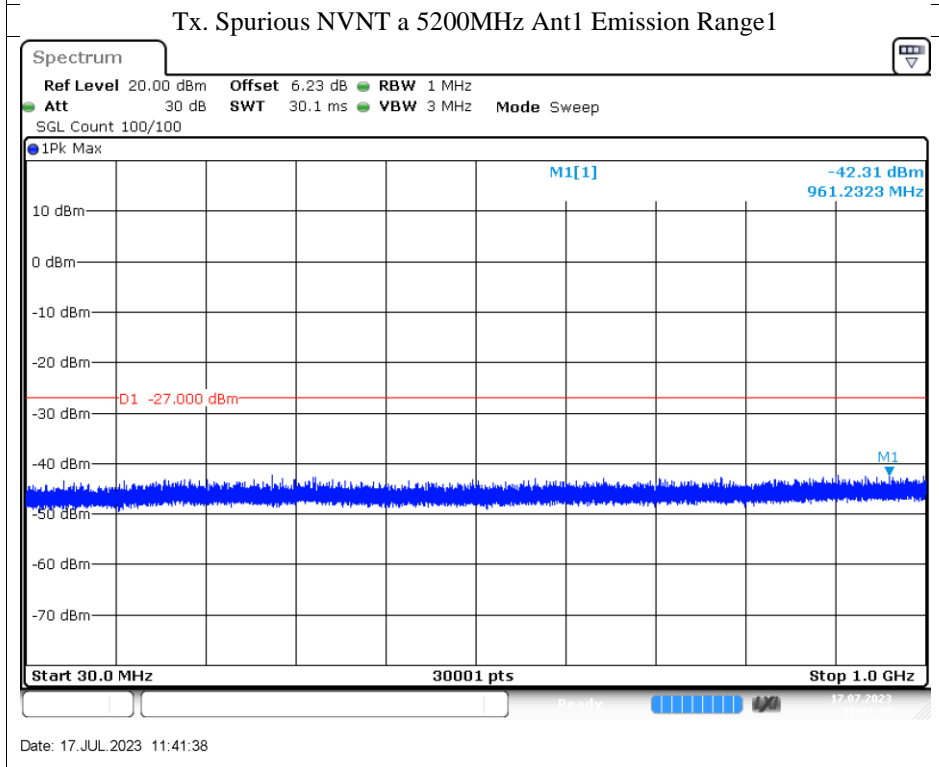
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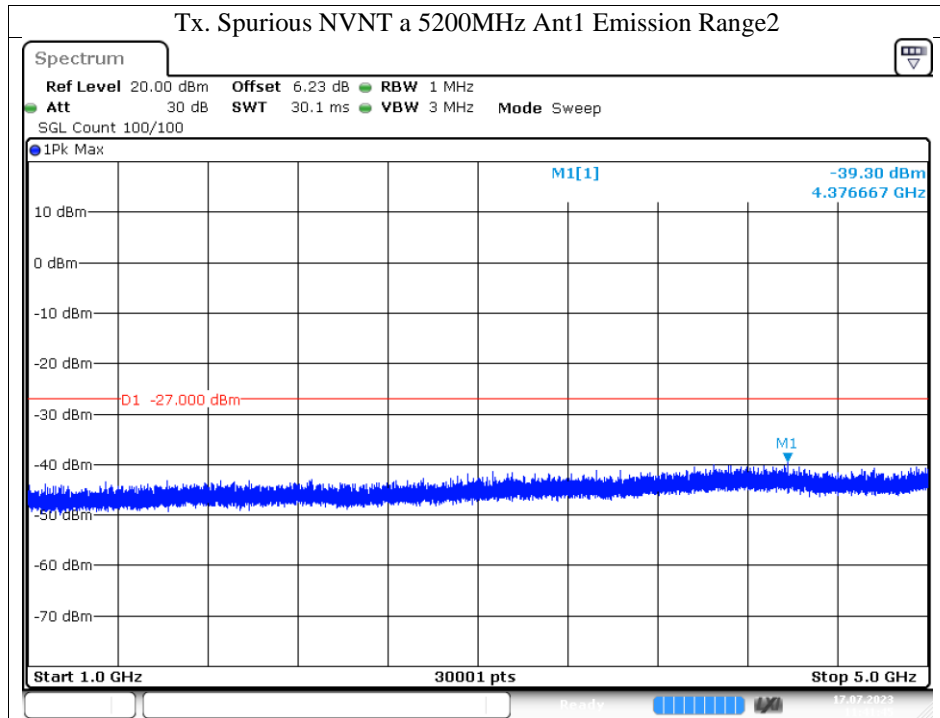
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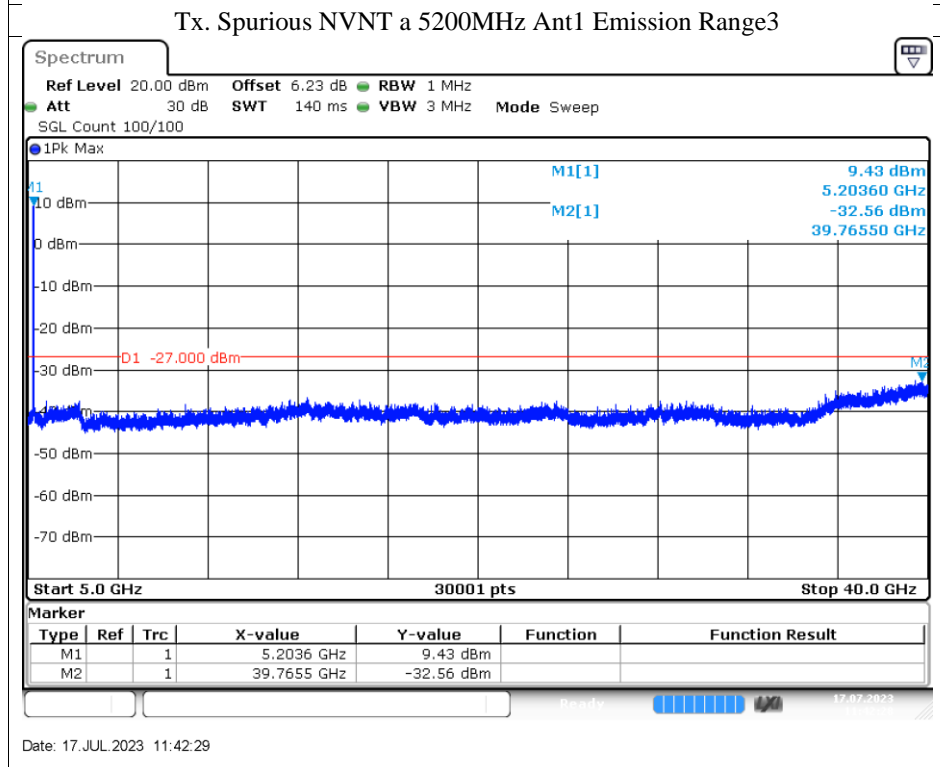
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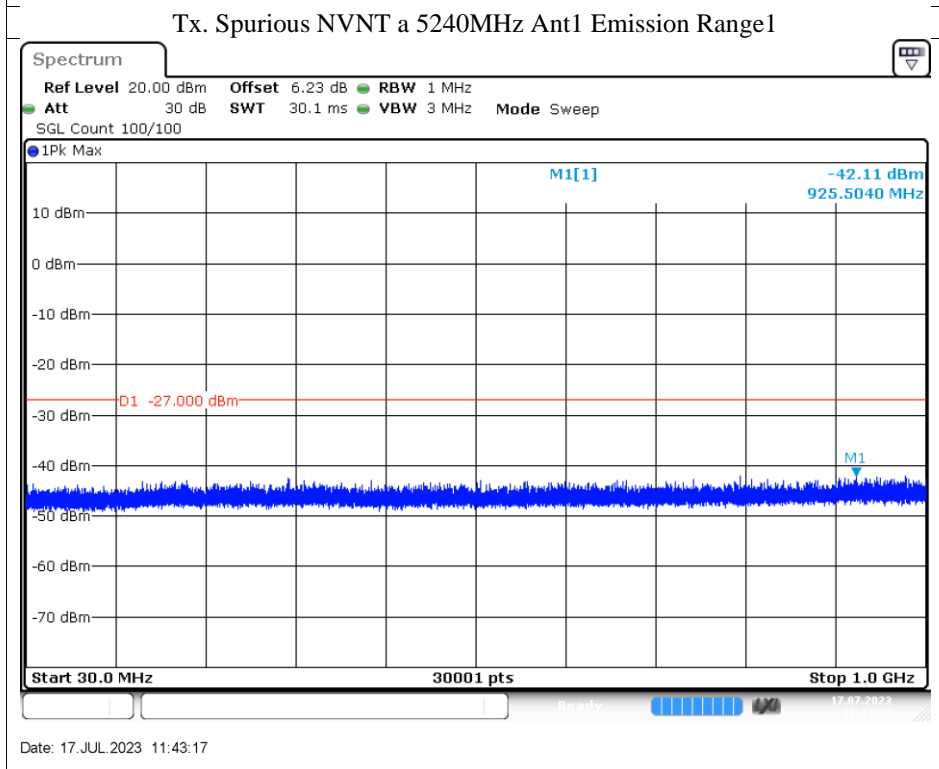
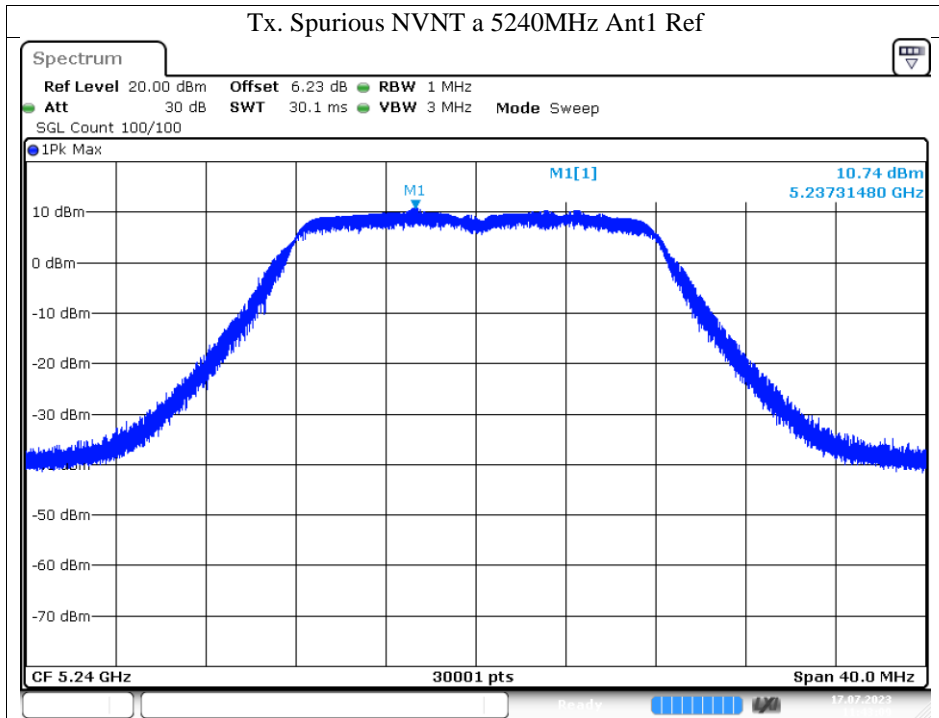
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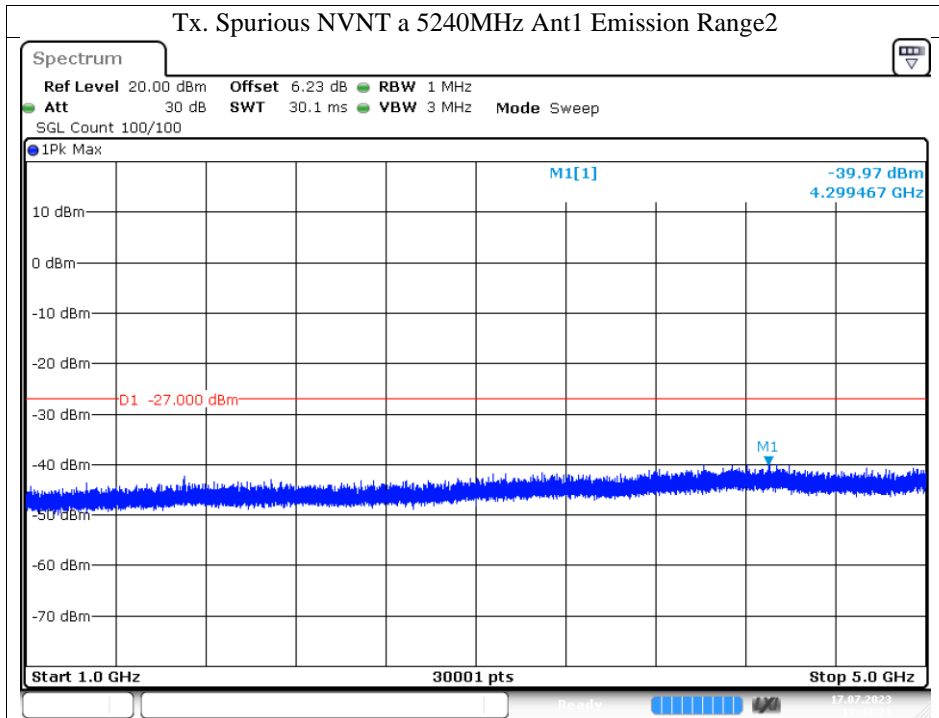


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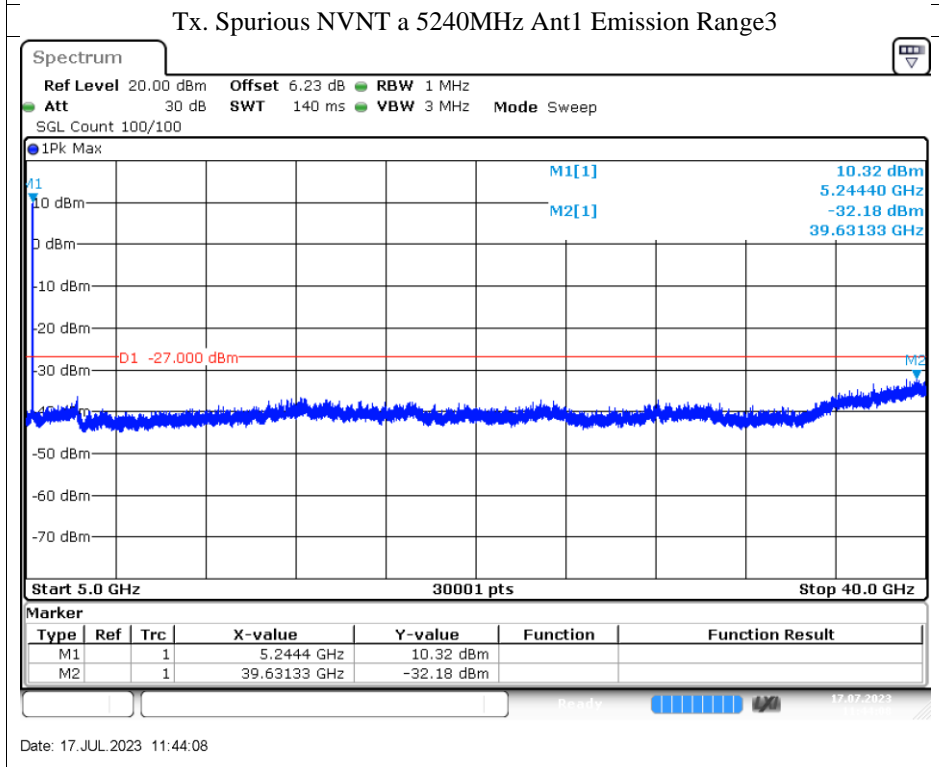


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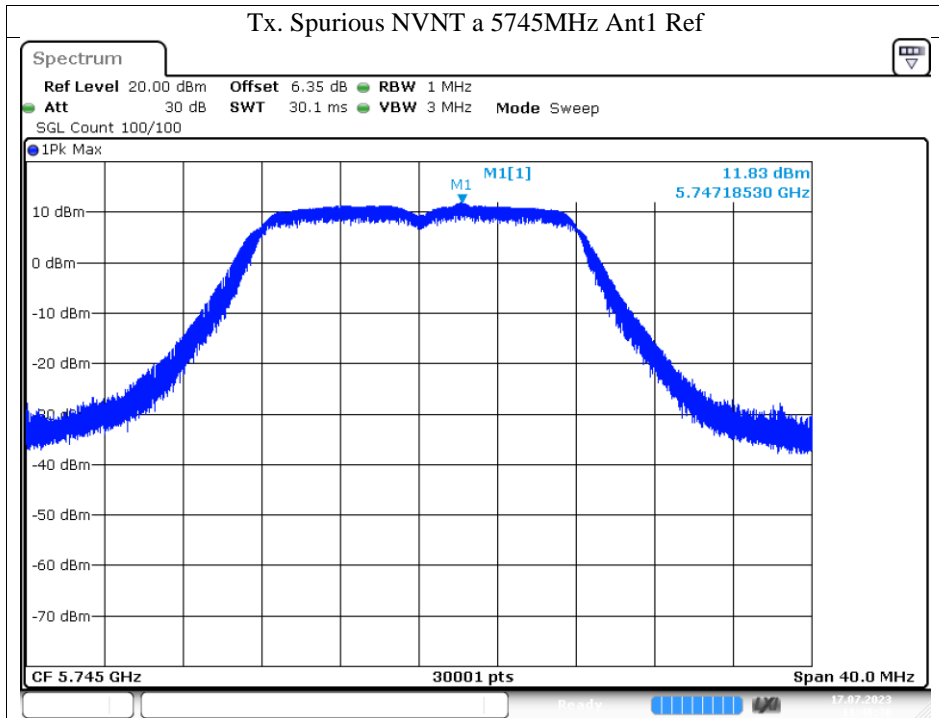




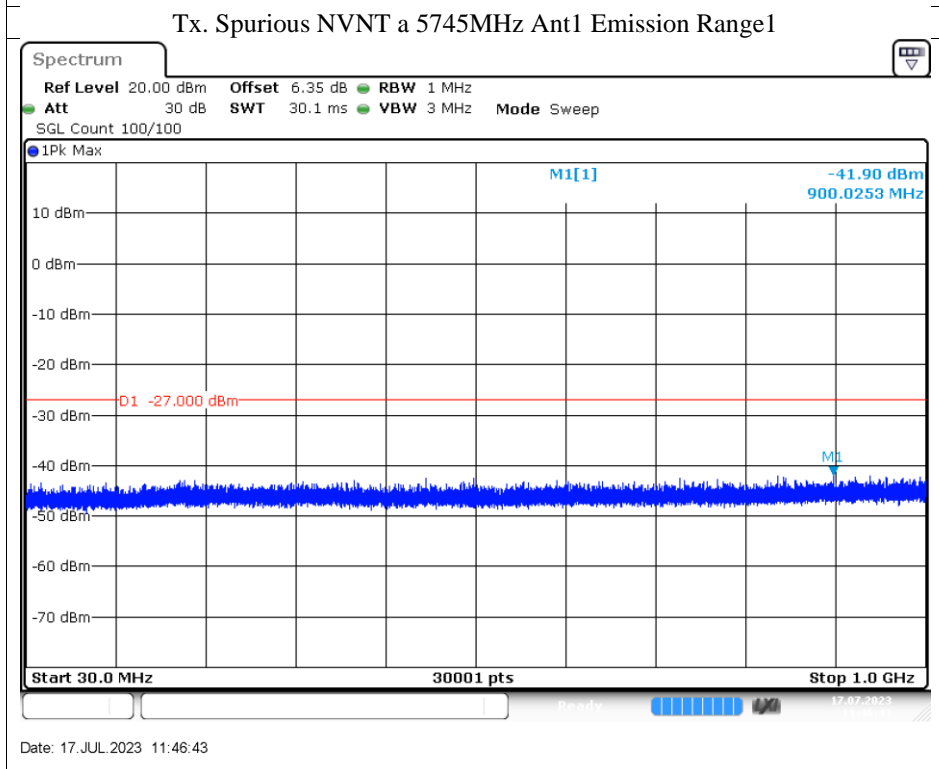
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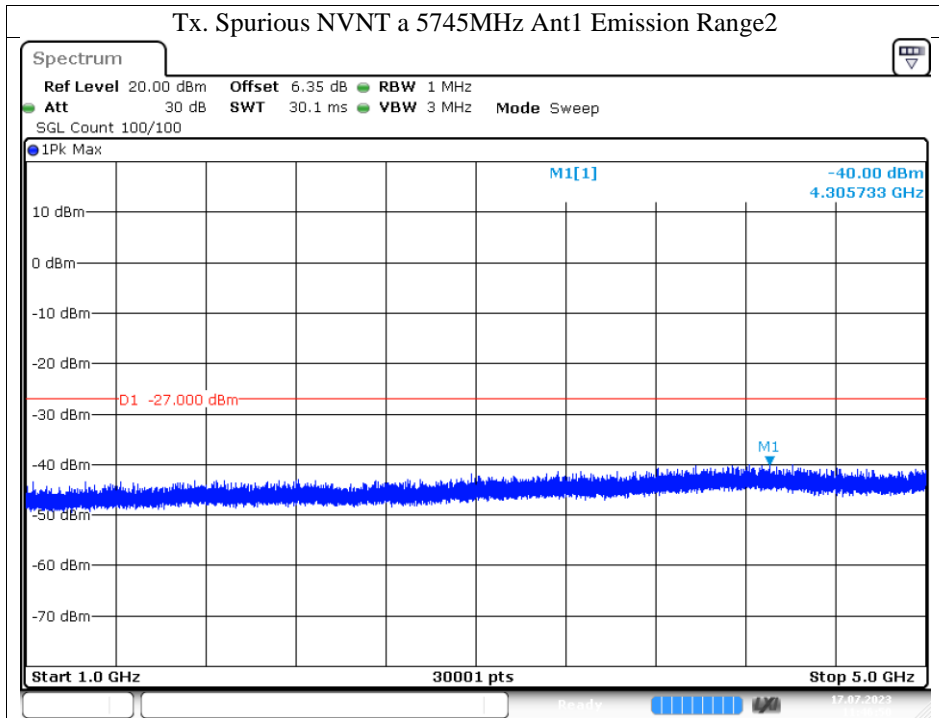
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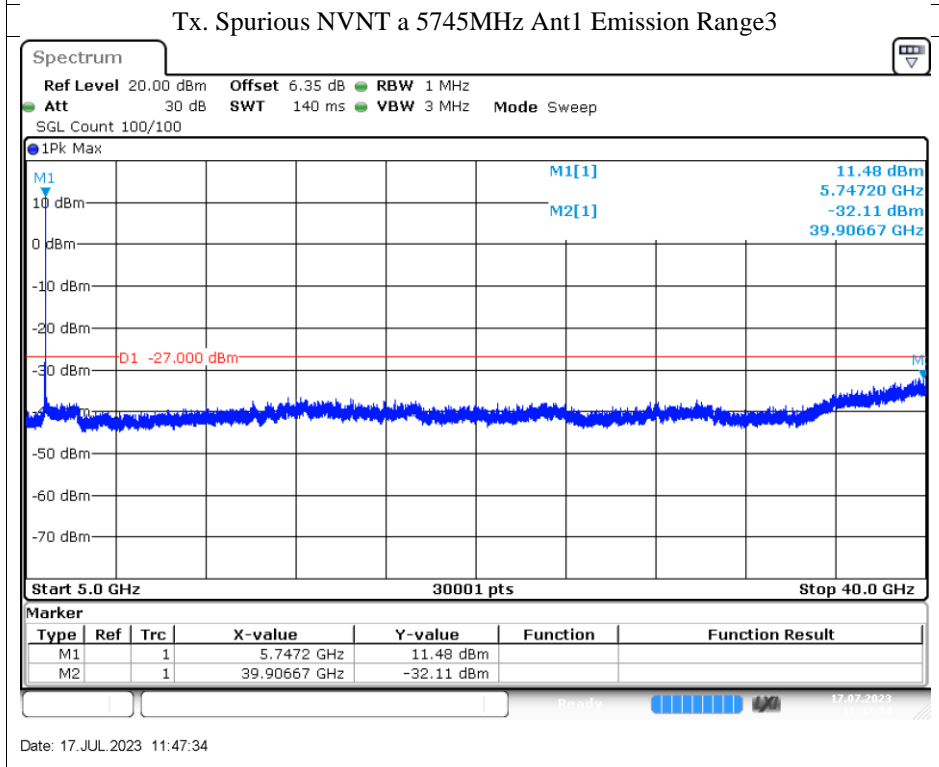
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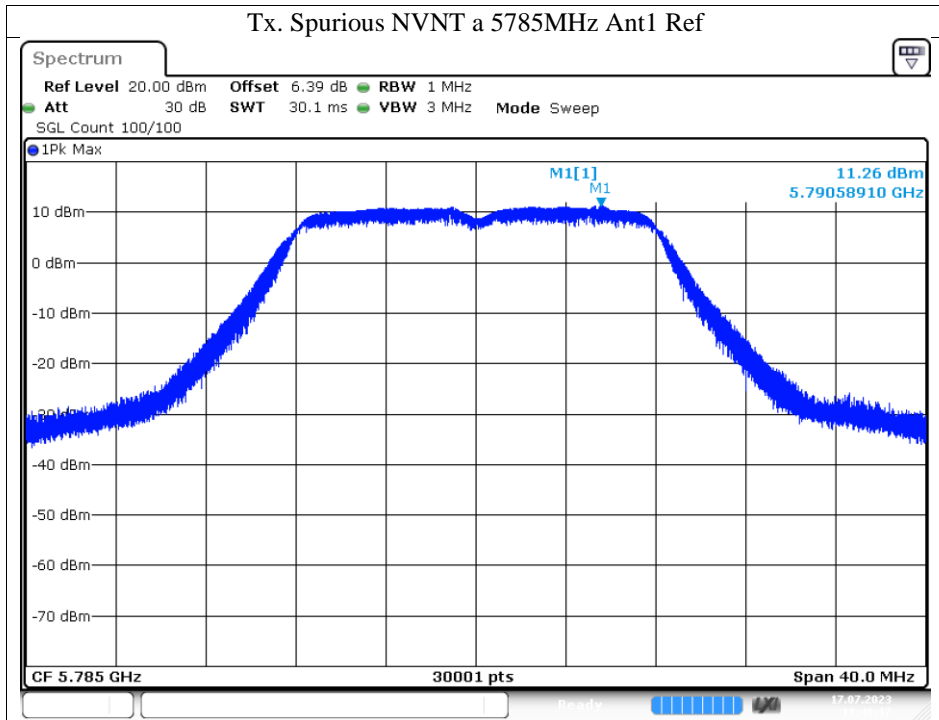


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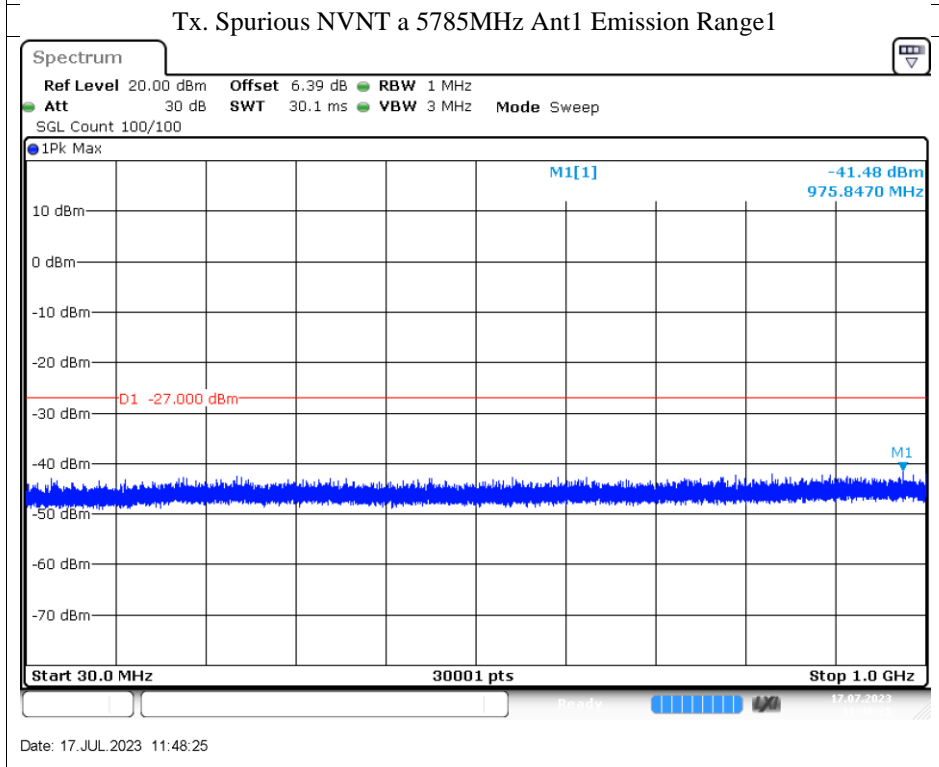


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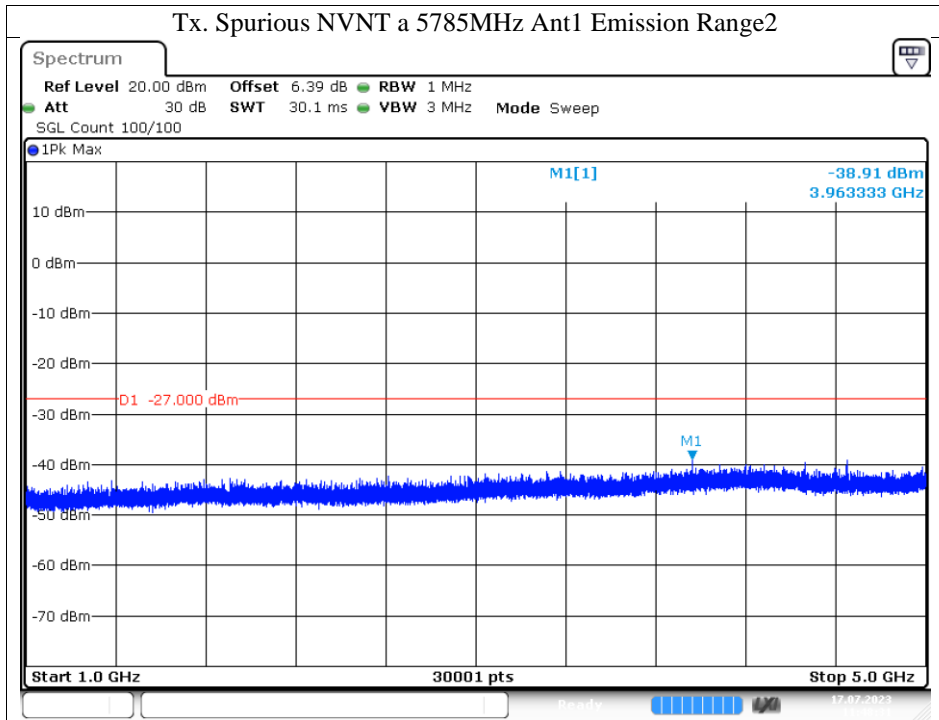




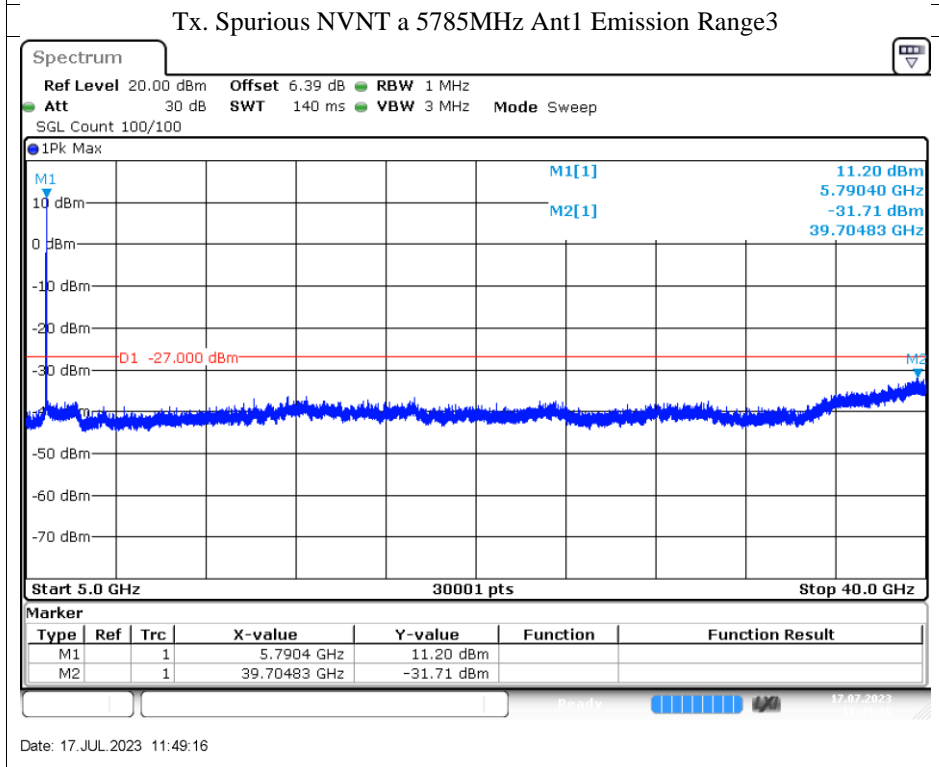
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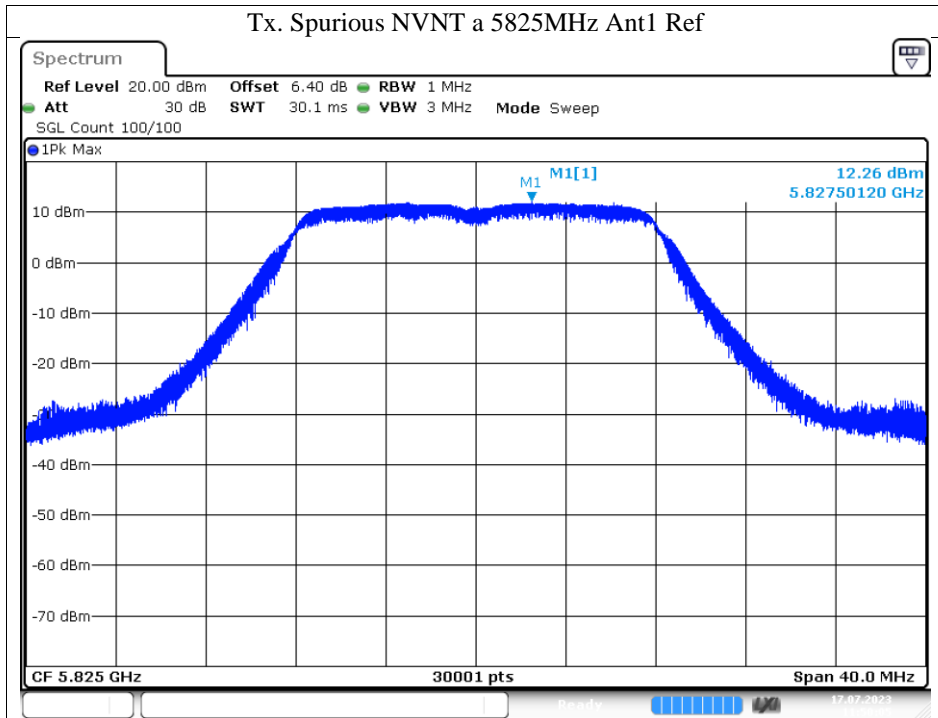
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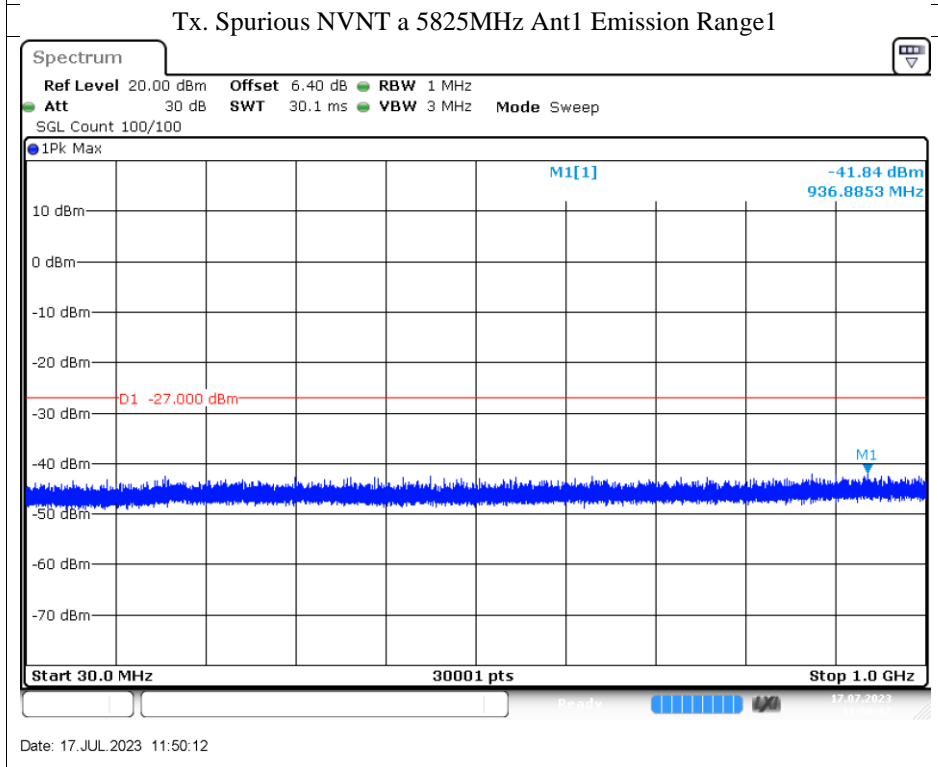
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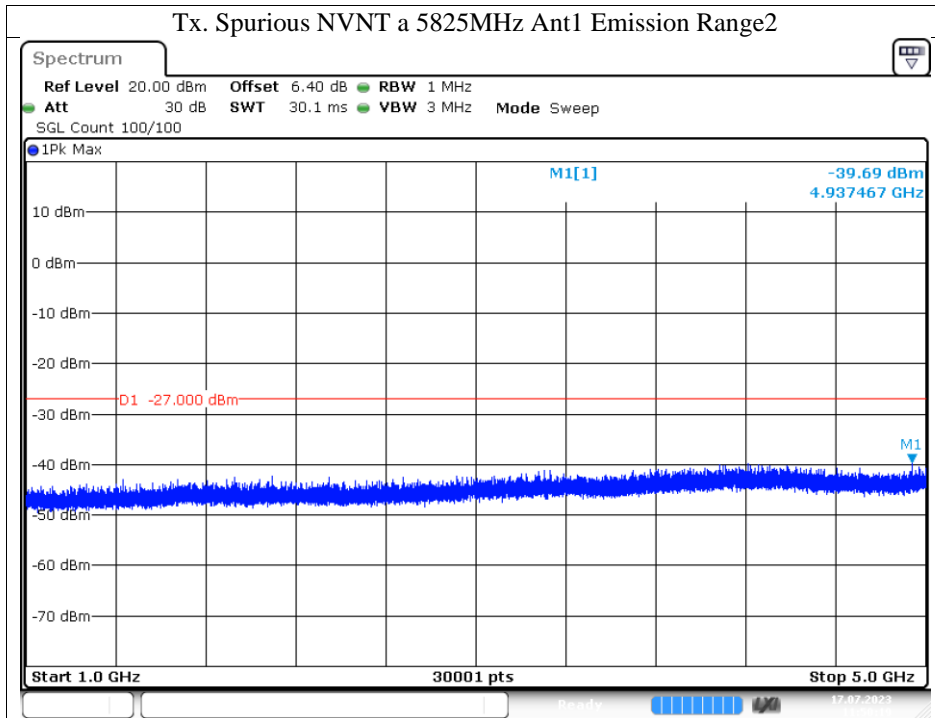
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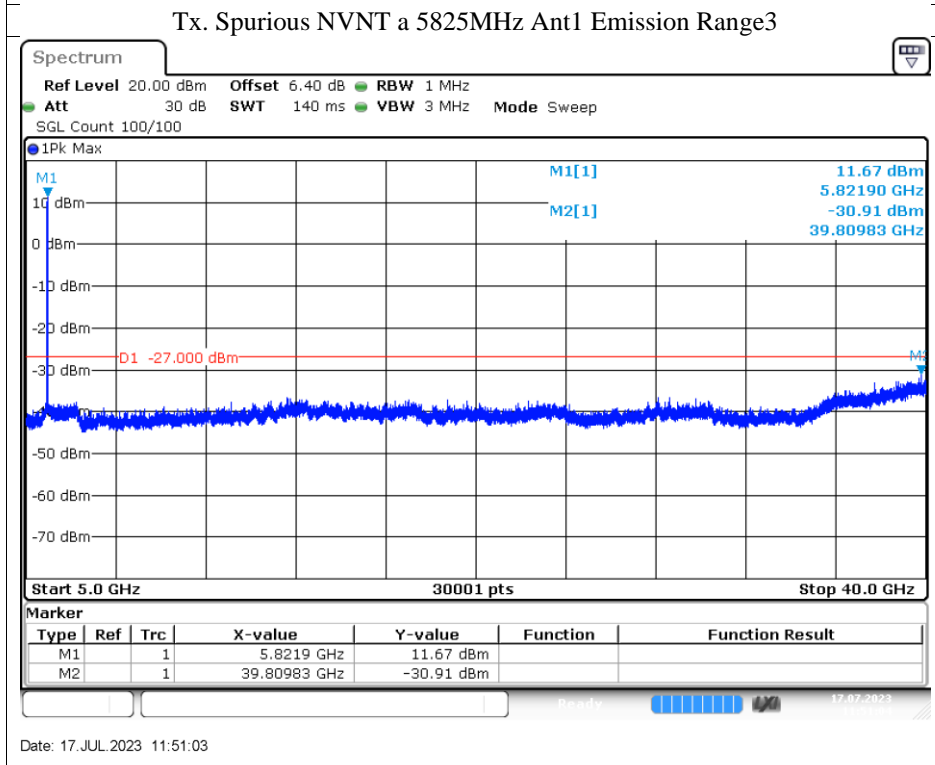
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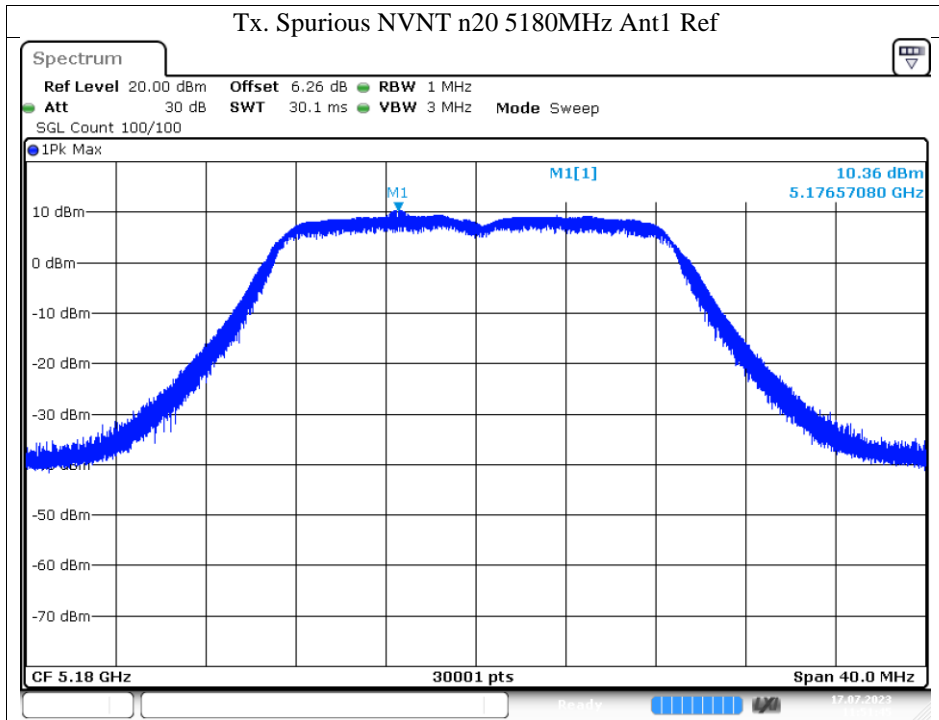
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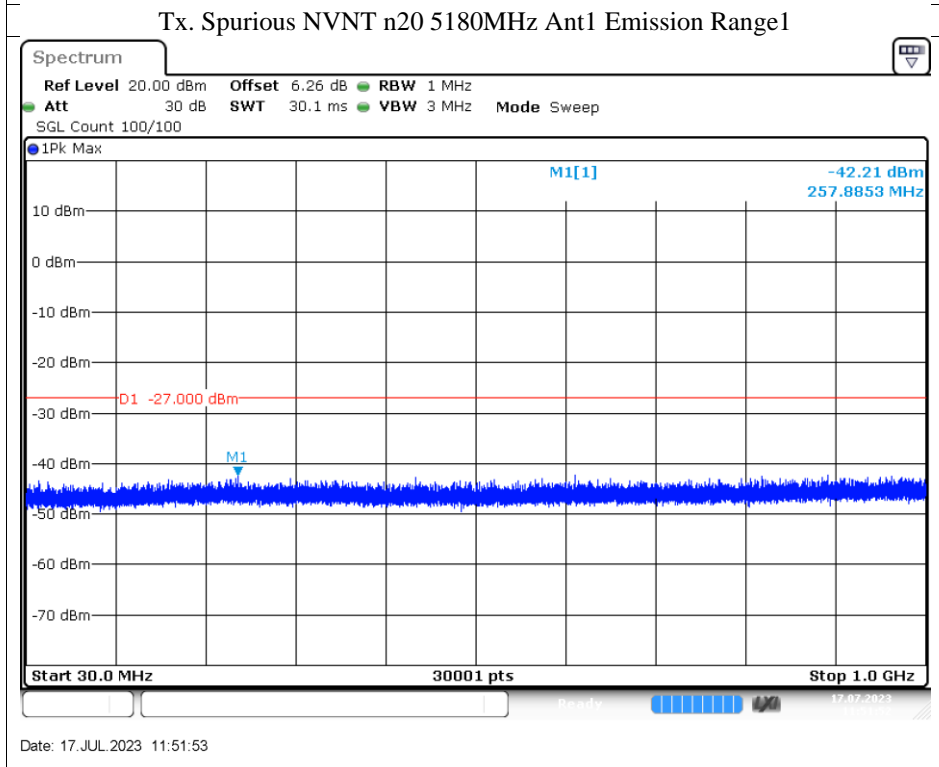
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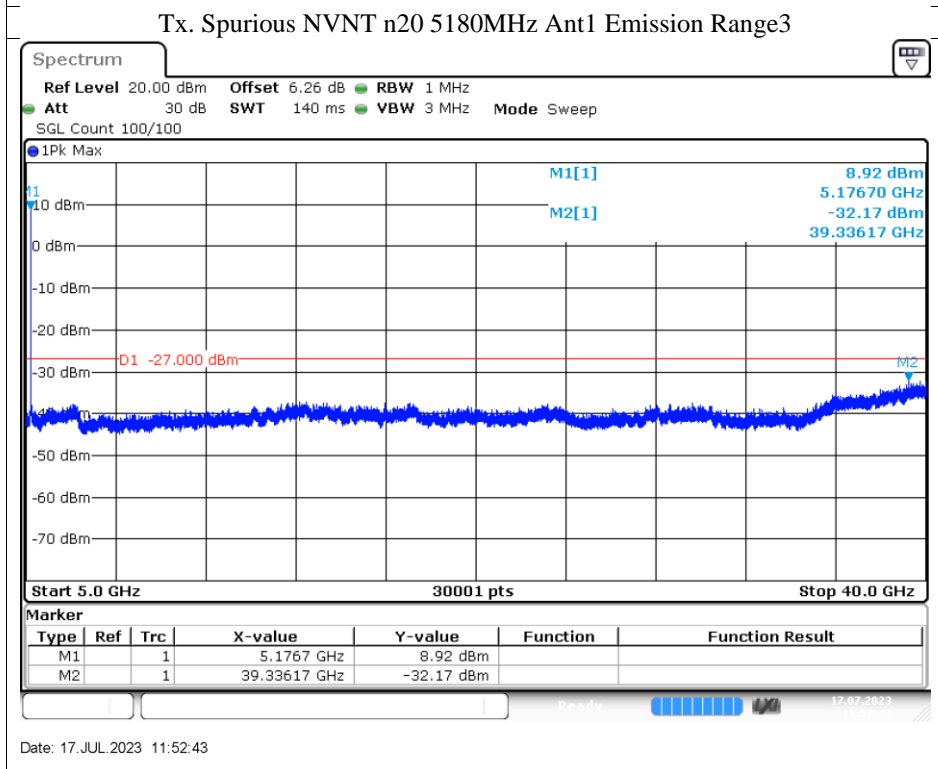
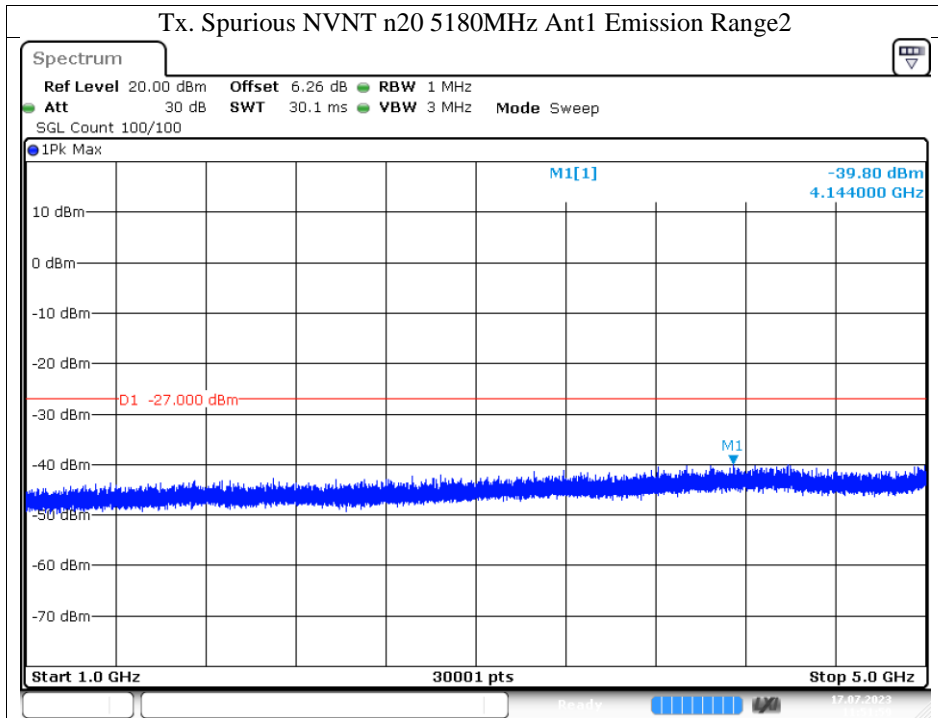
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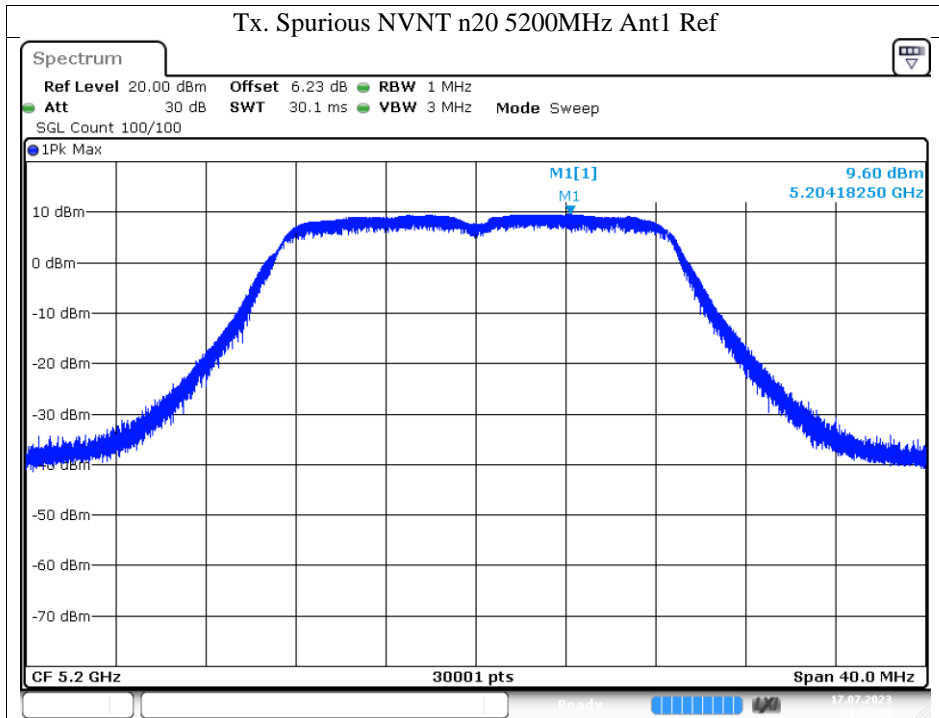


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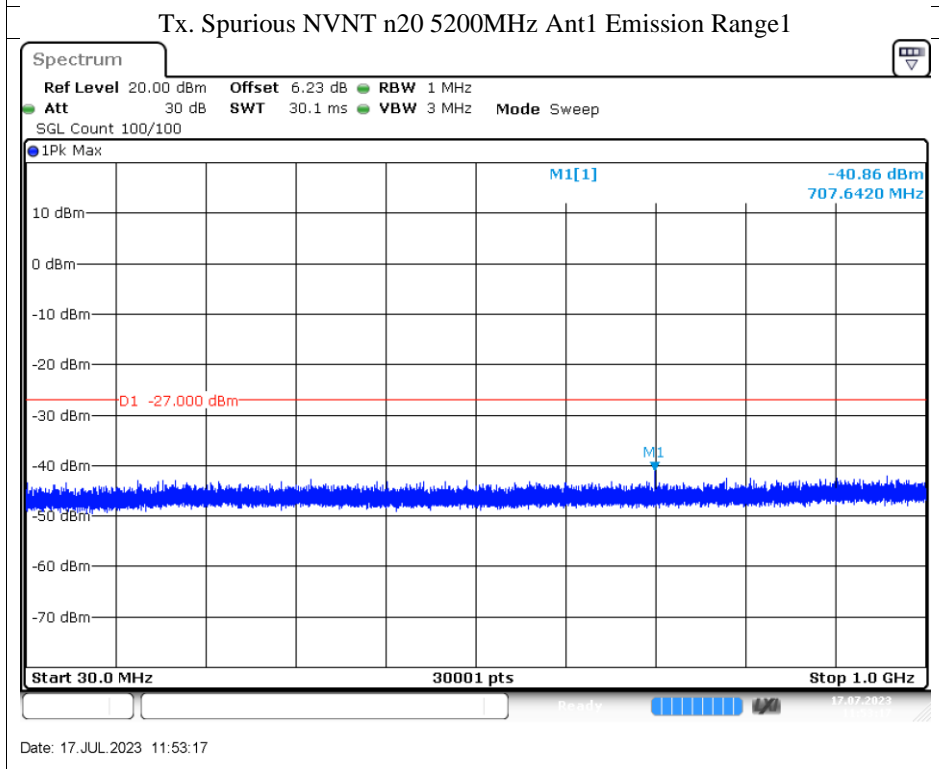


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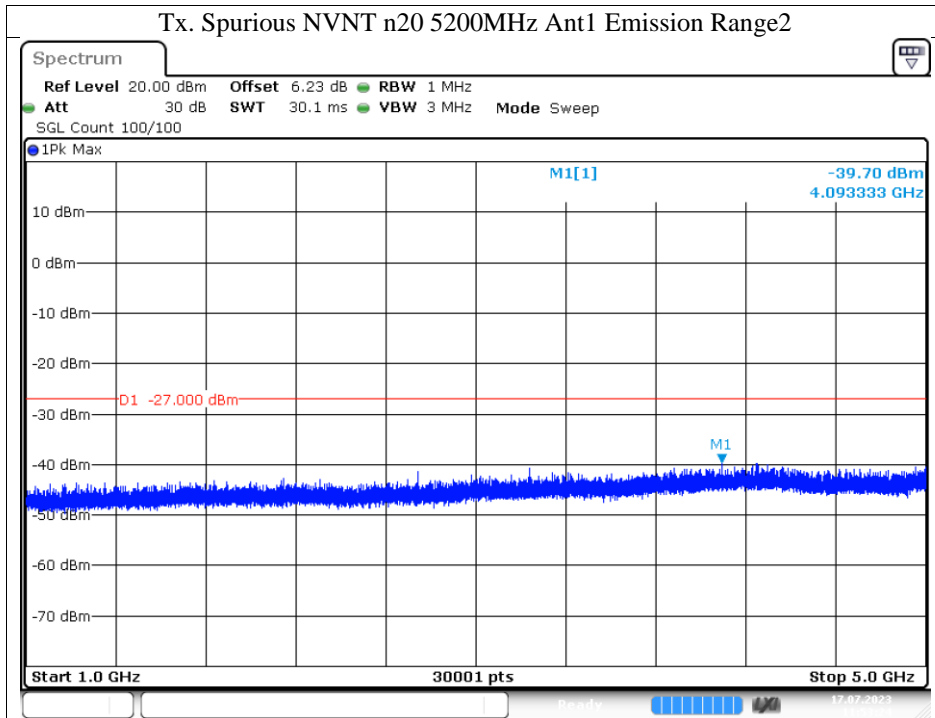




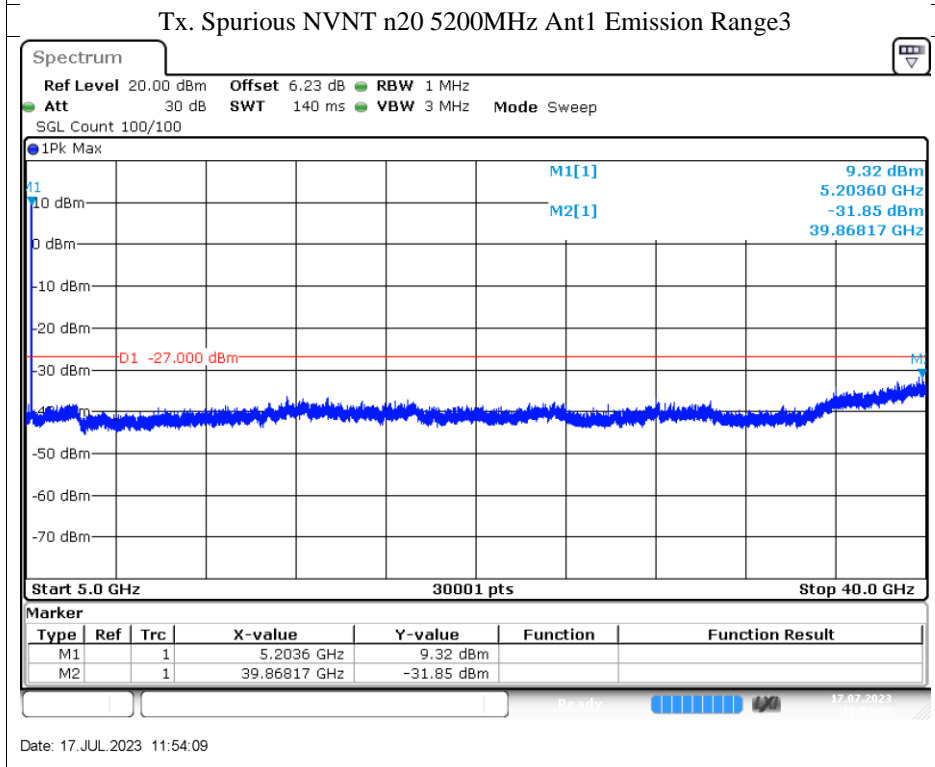
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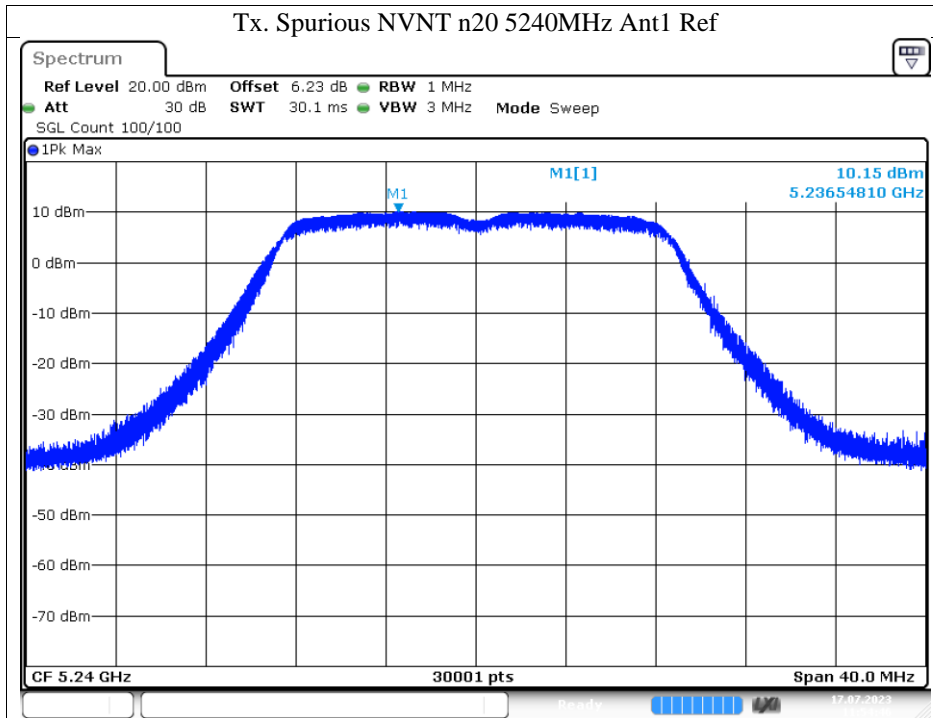


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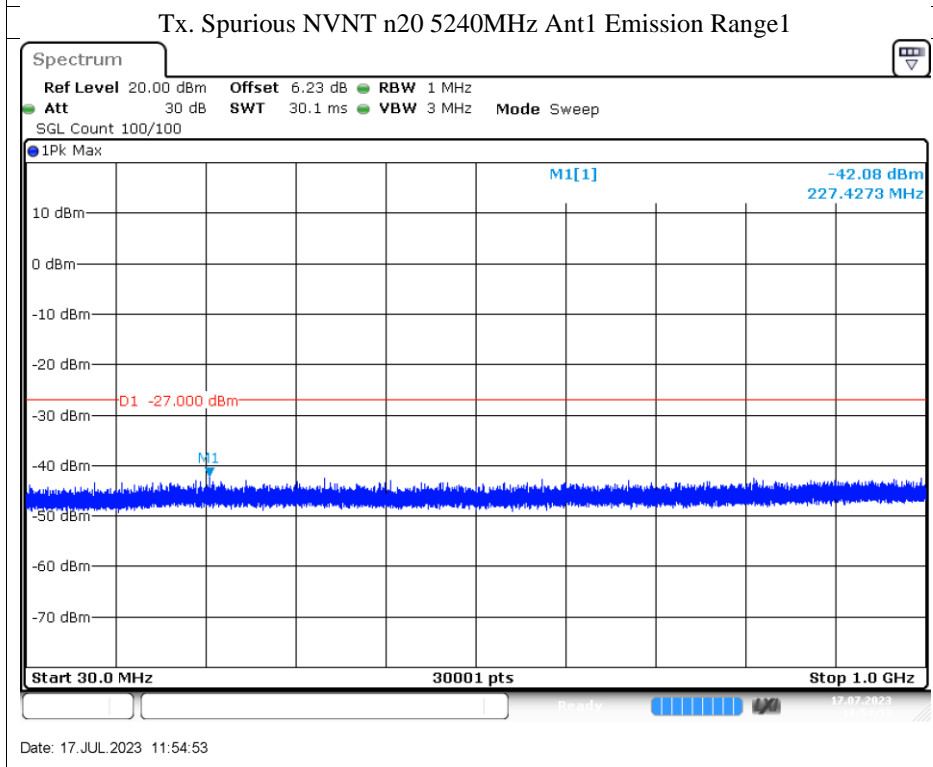


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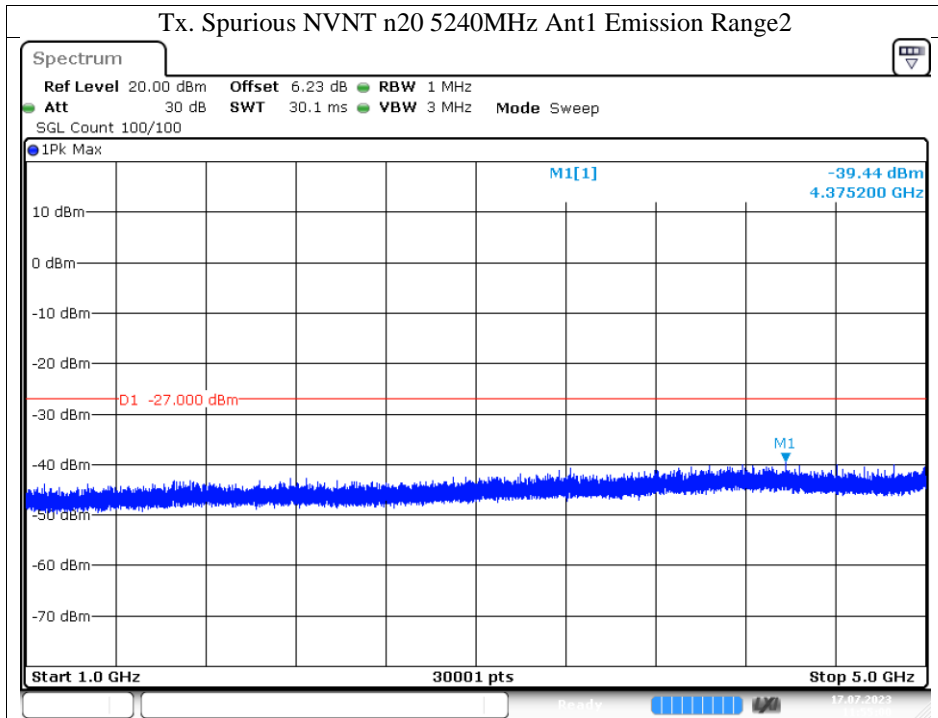




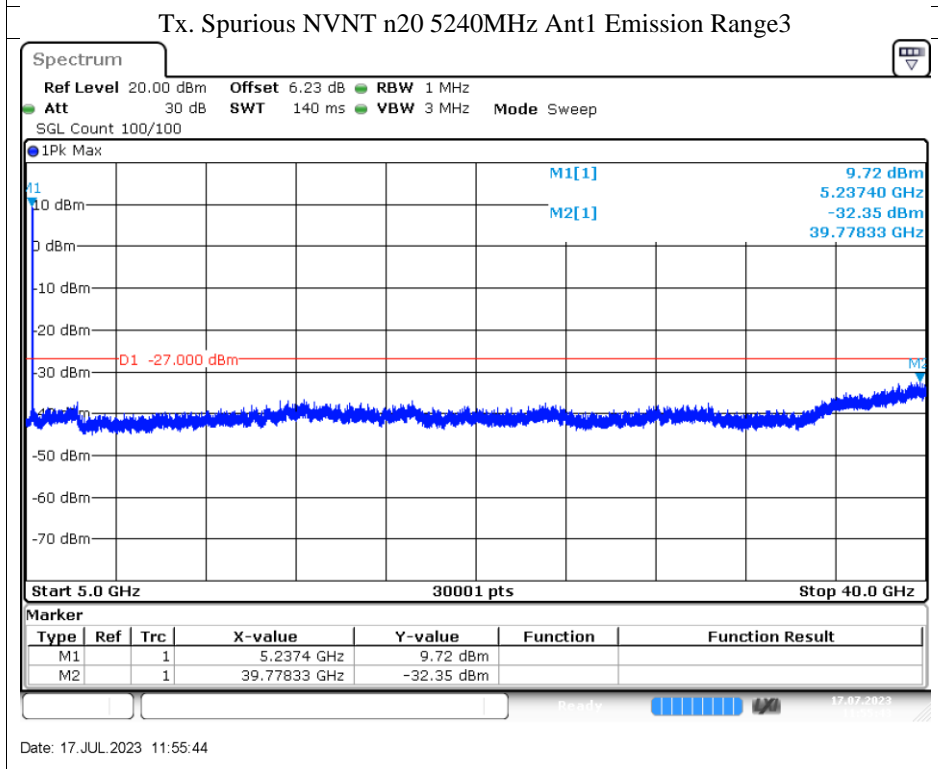
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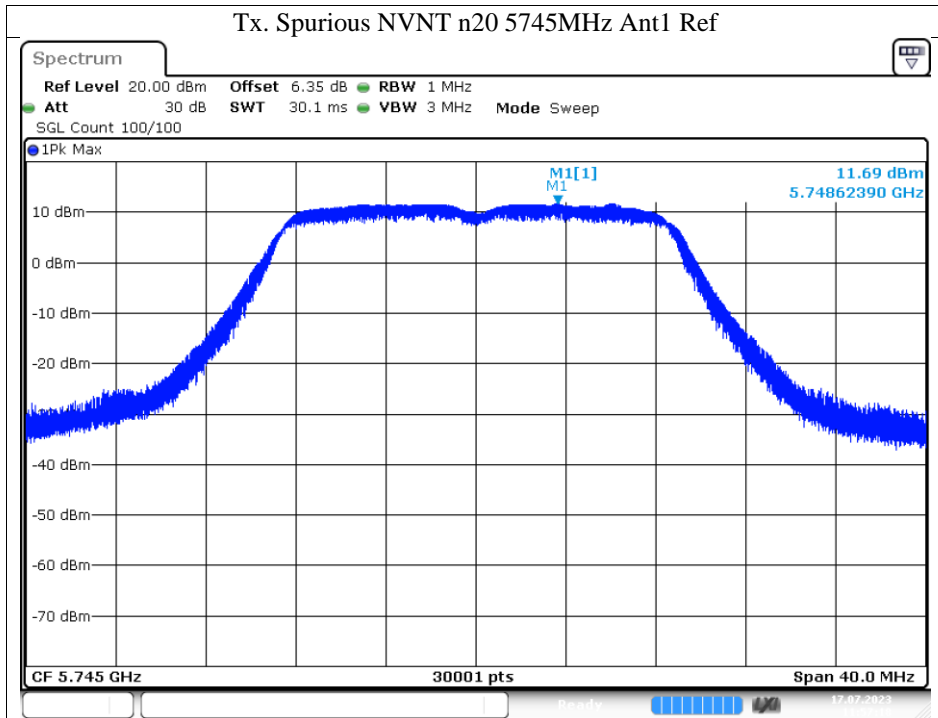
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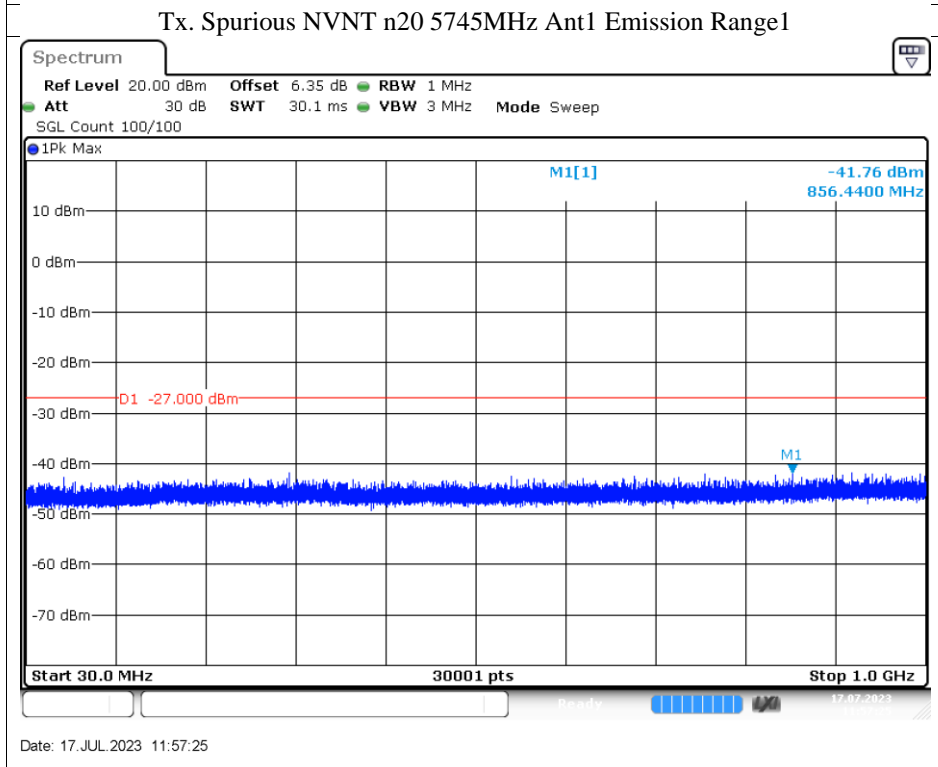
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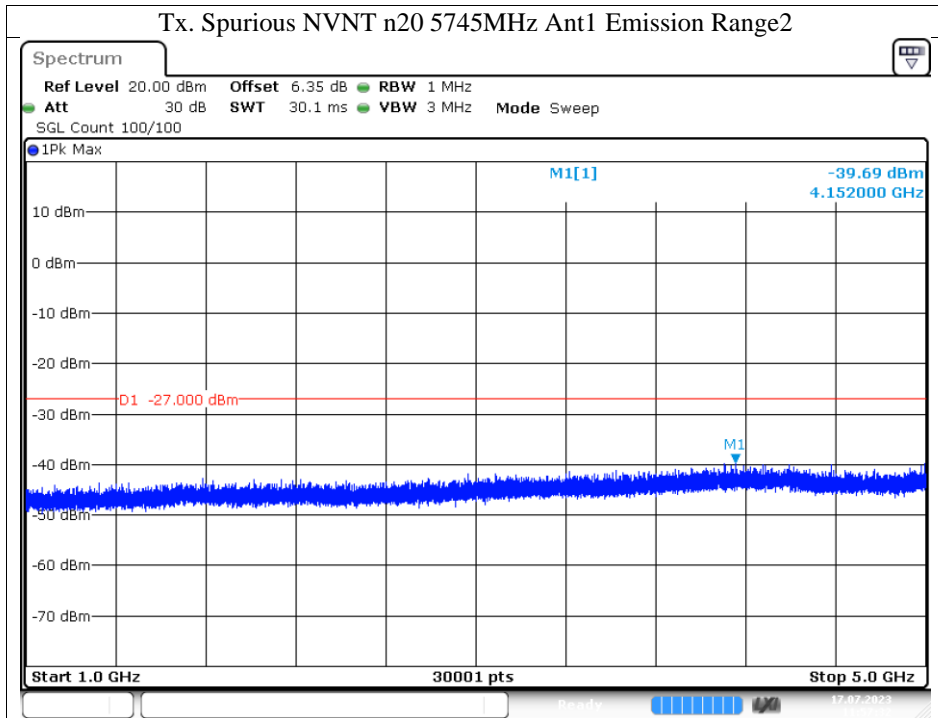
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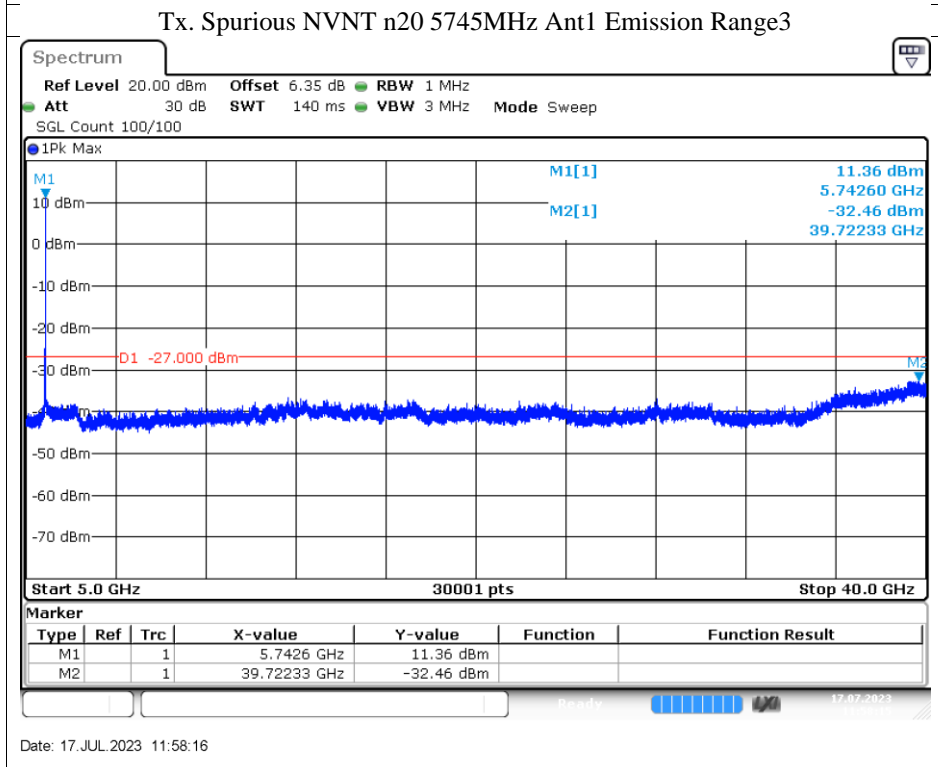
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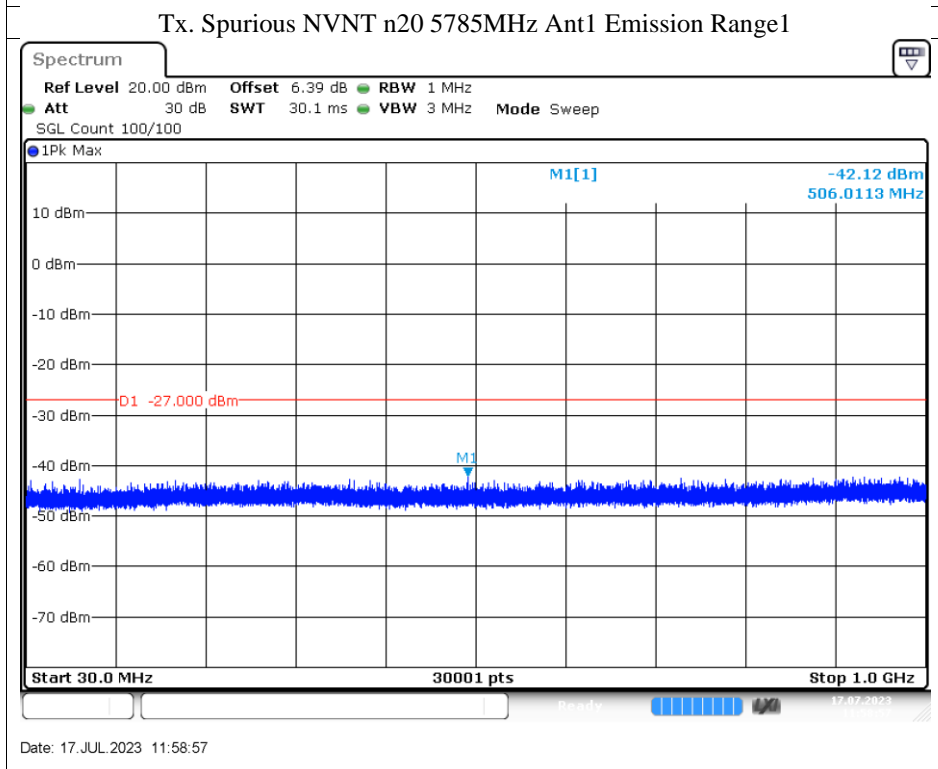
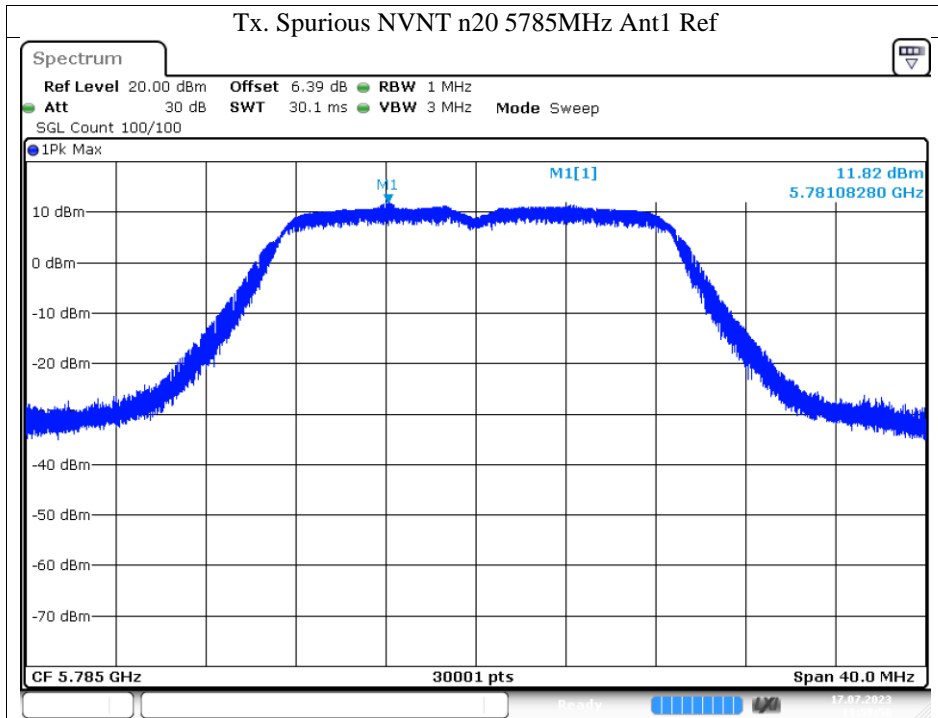
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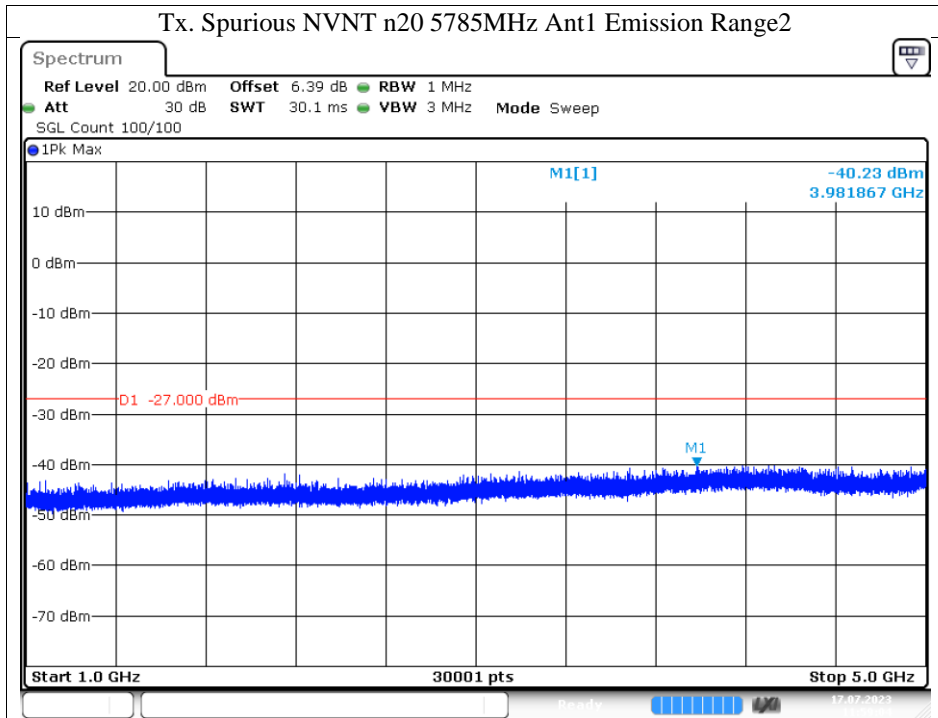


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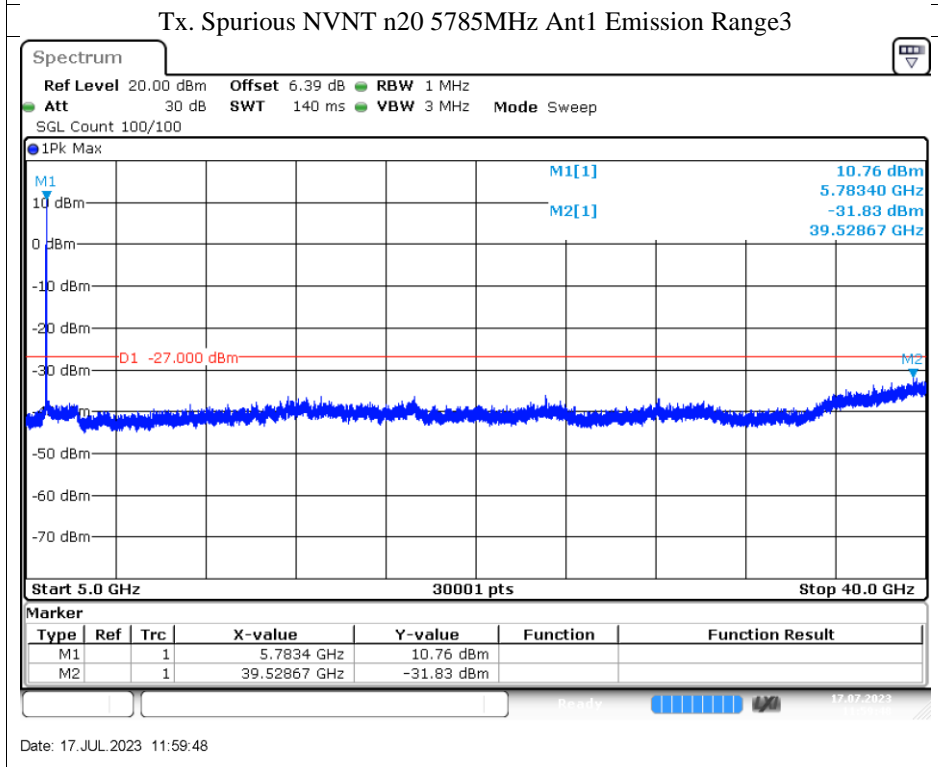


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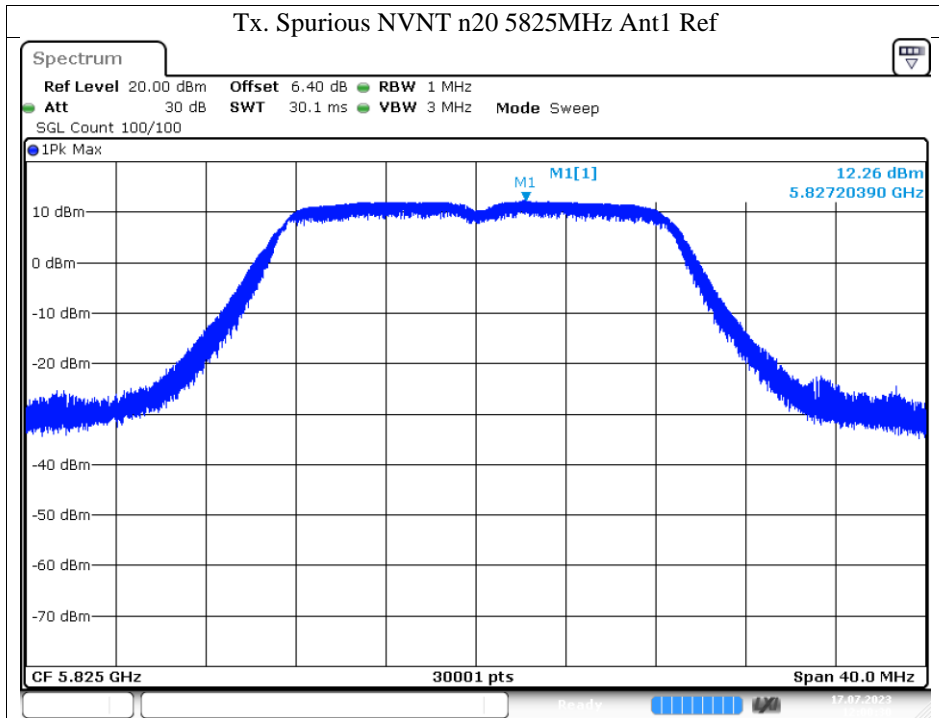




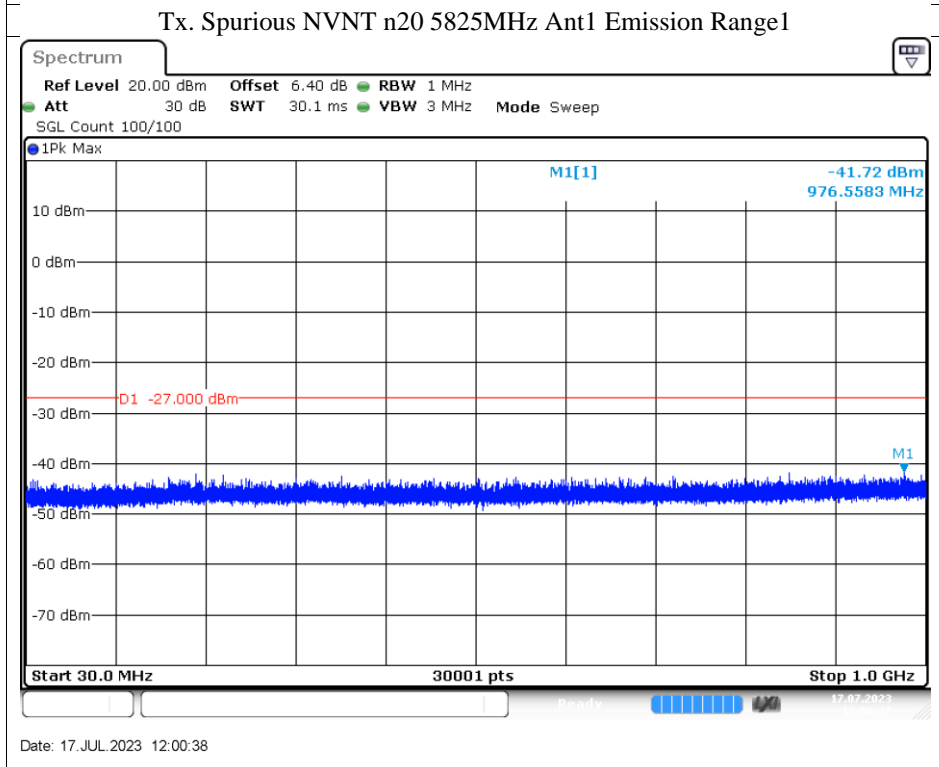
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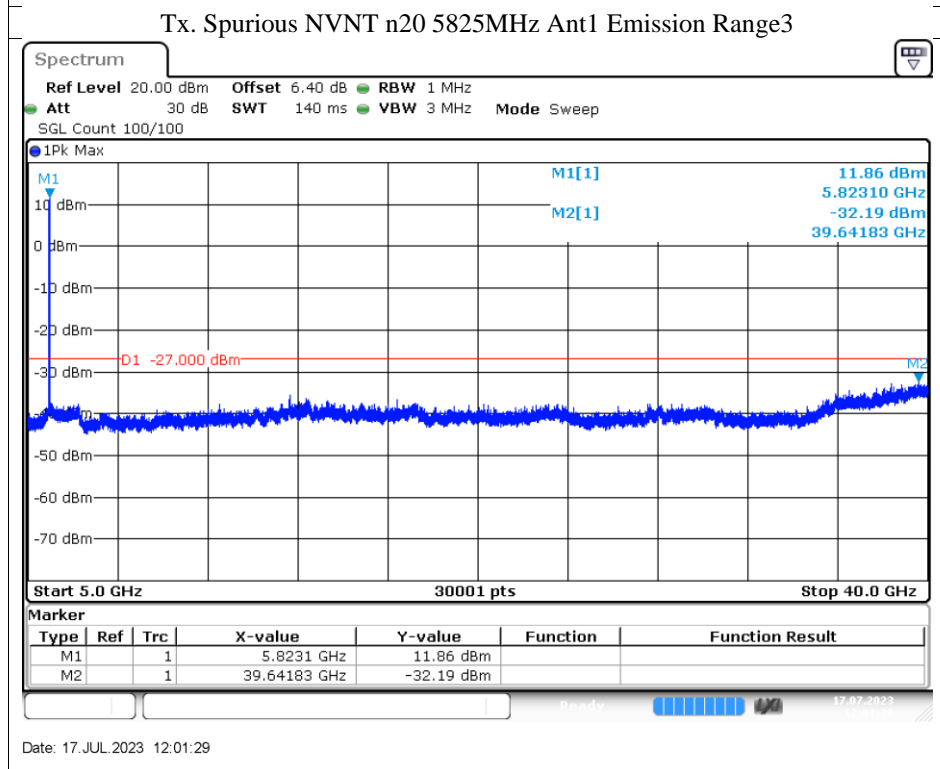
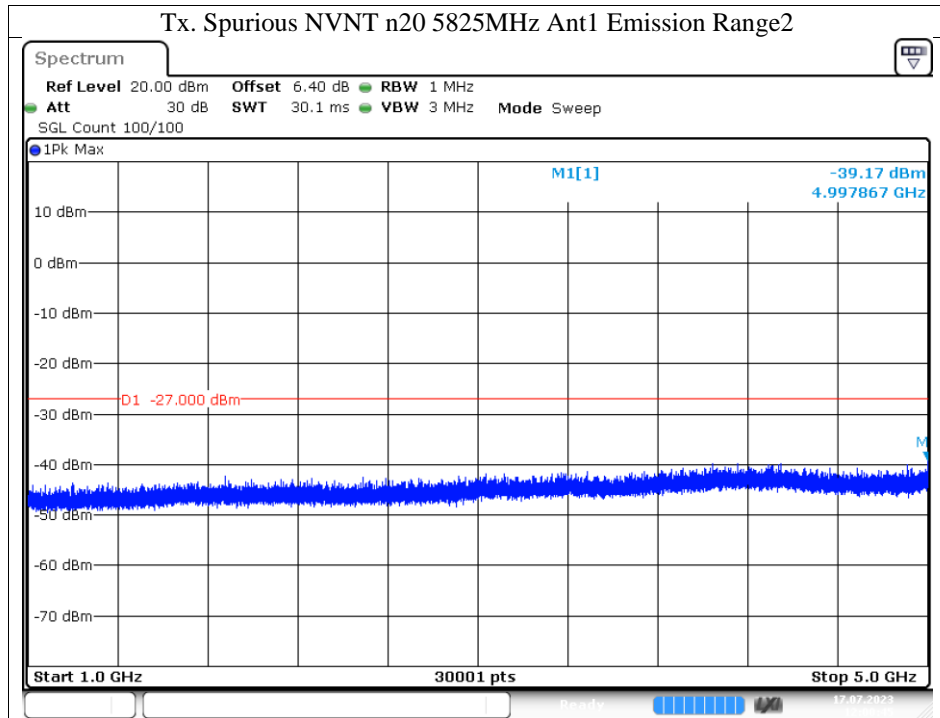
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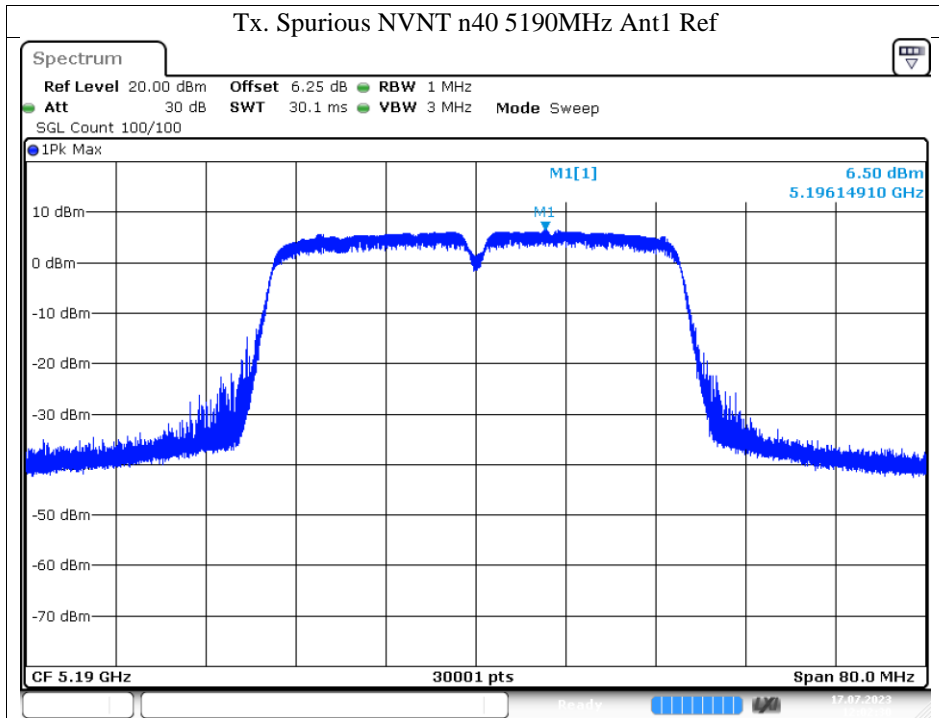
Date: 17.JUL.2023 12:00:30



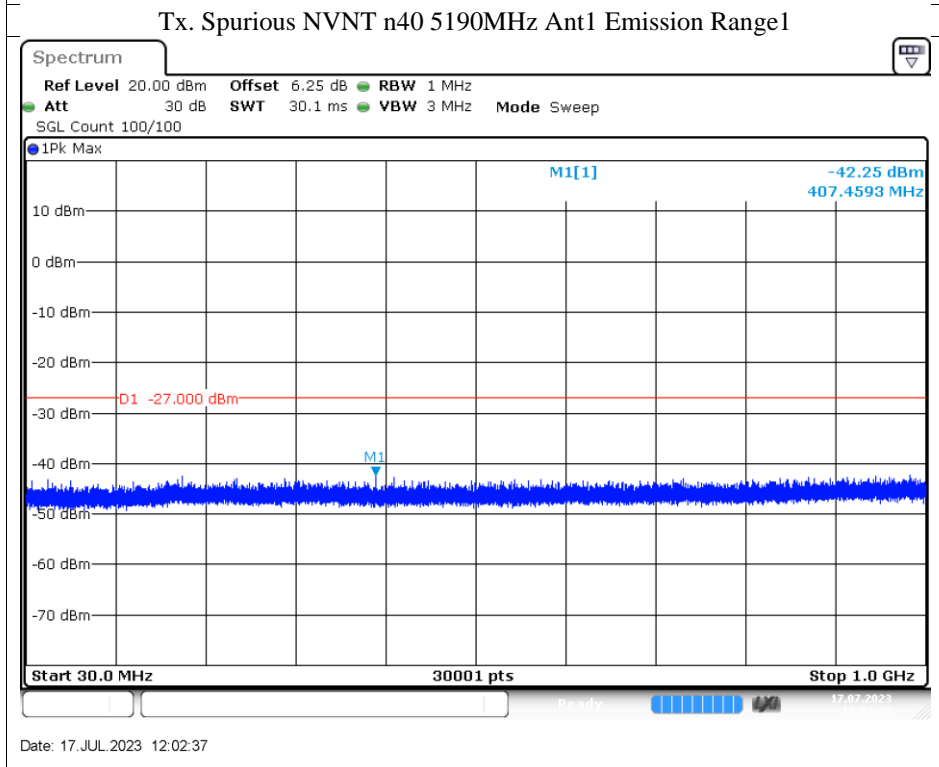
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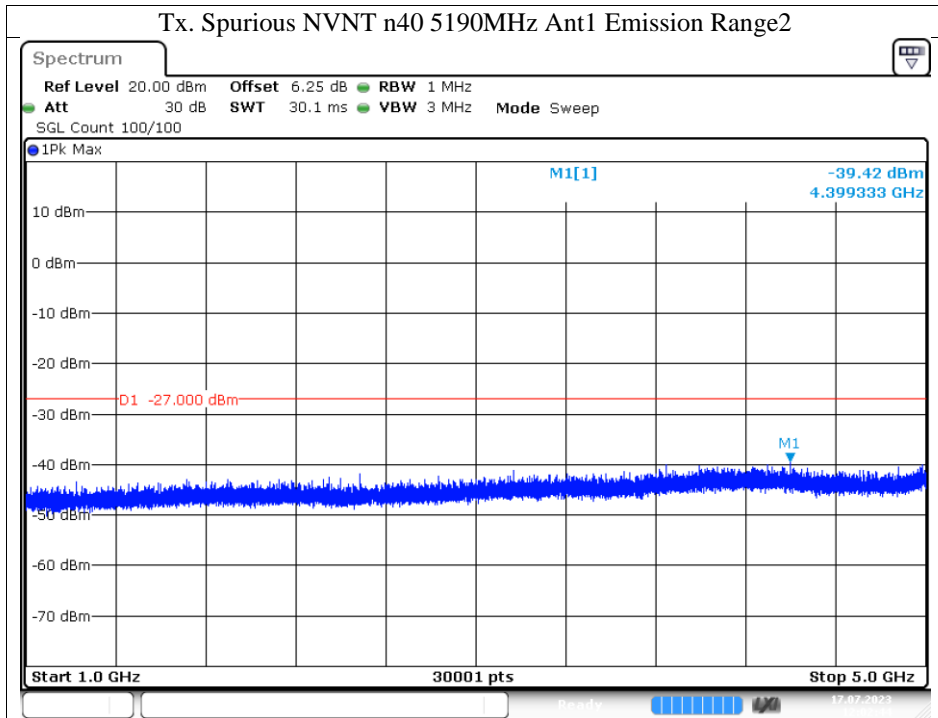




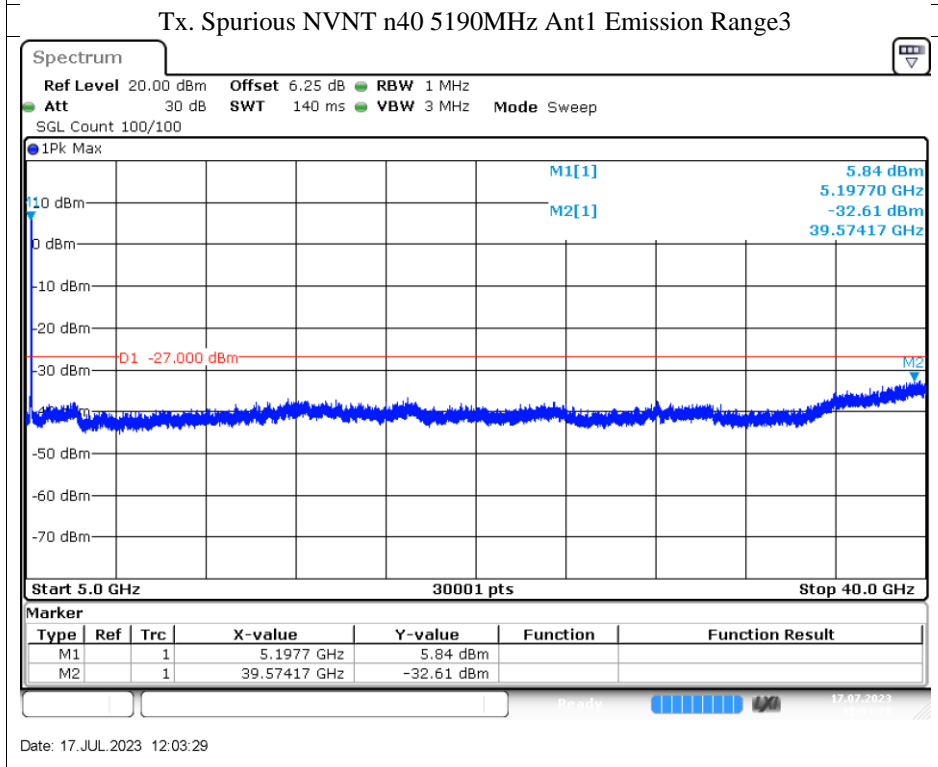
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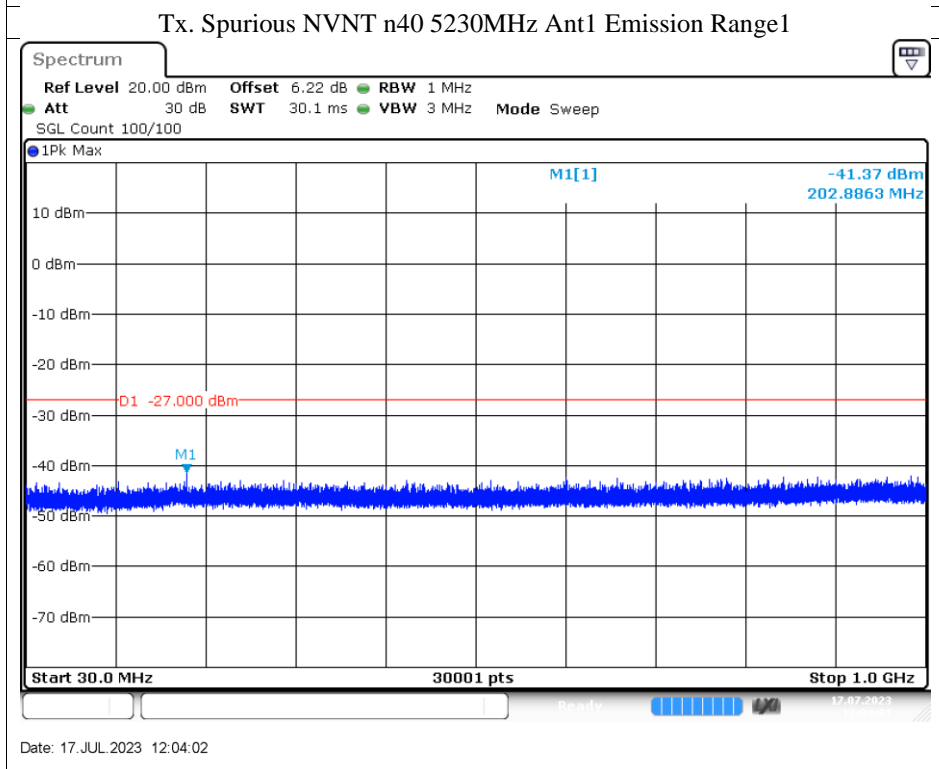
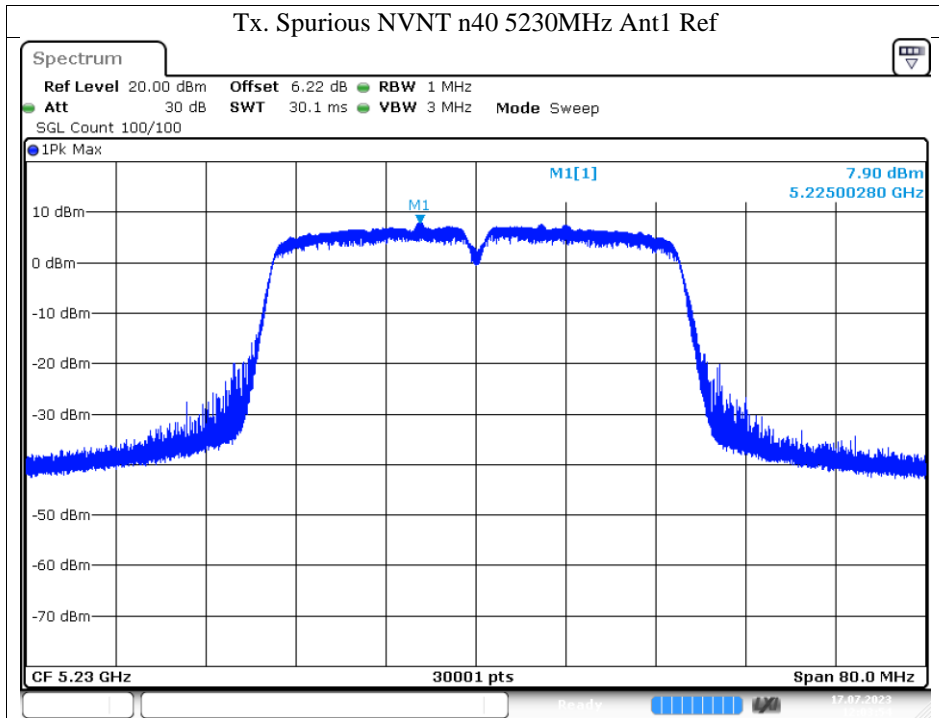
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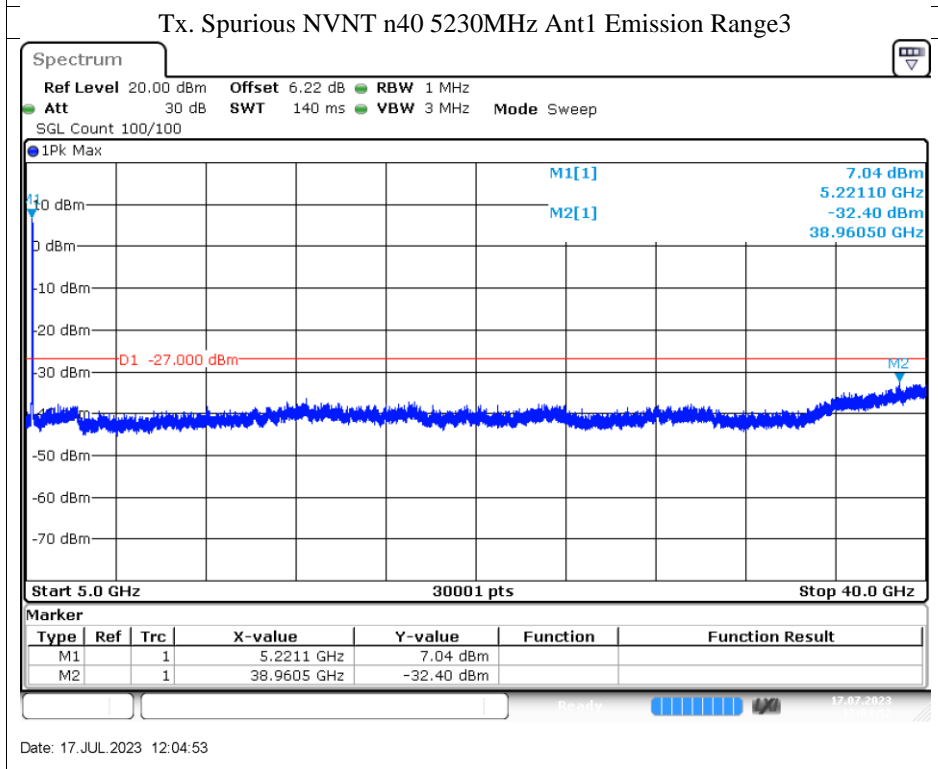
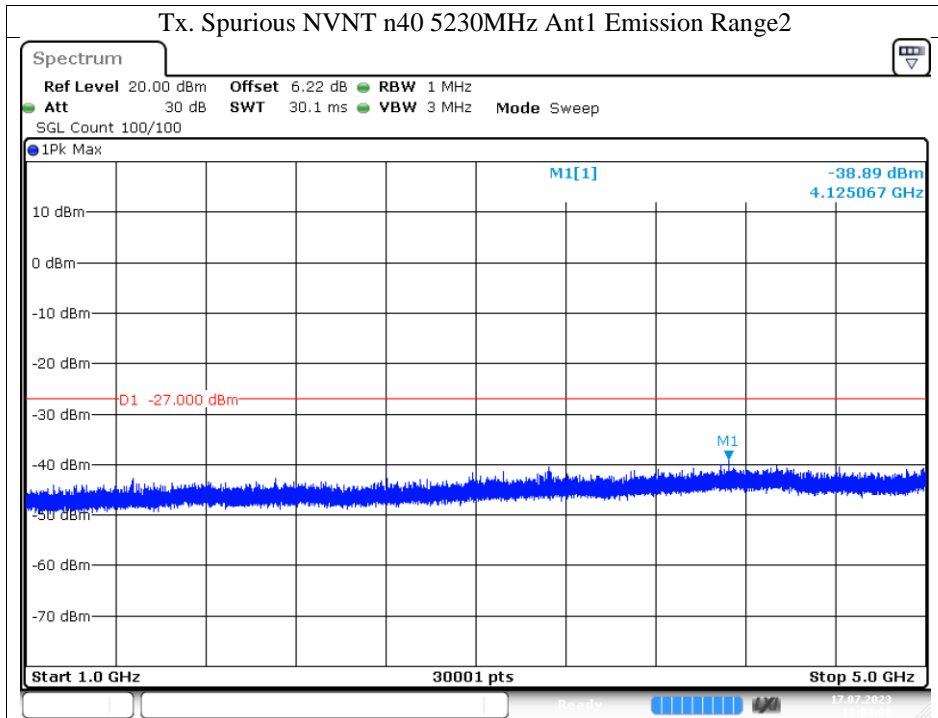


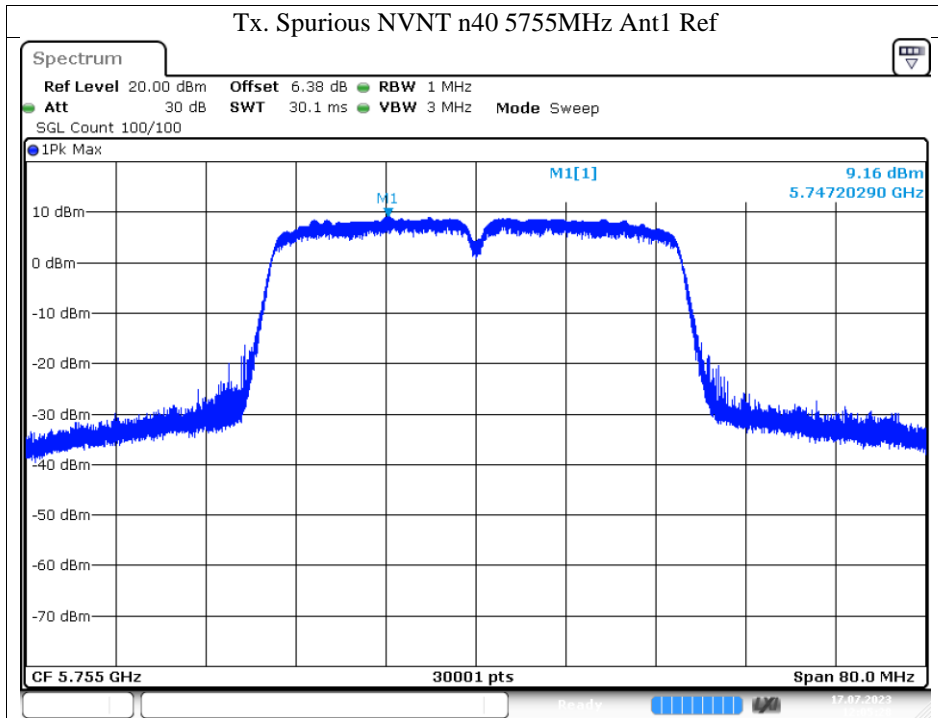
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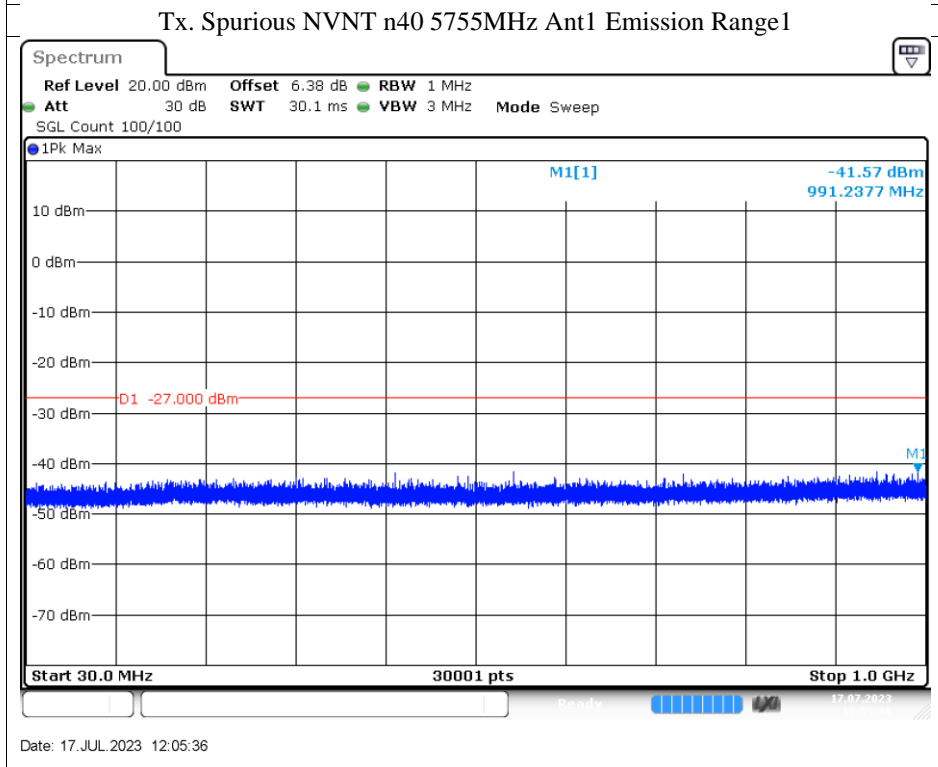
Date: 17.JUL.2023 12:03:29



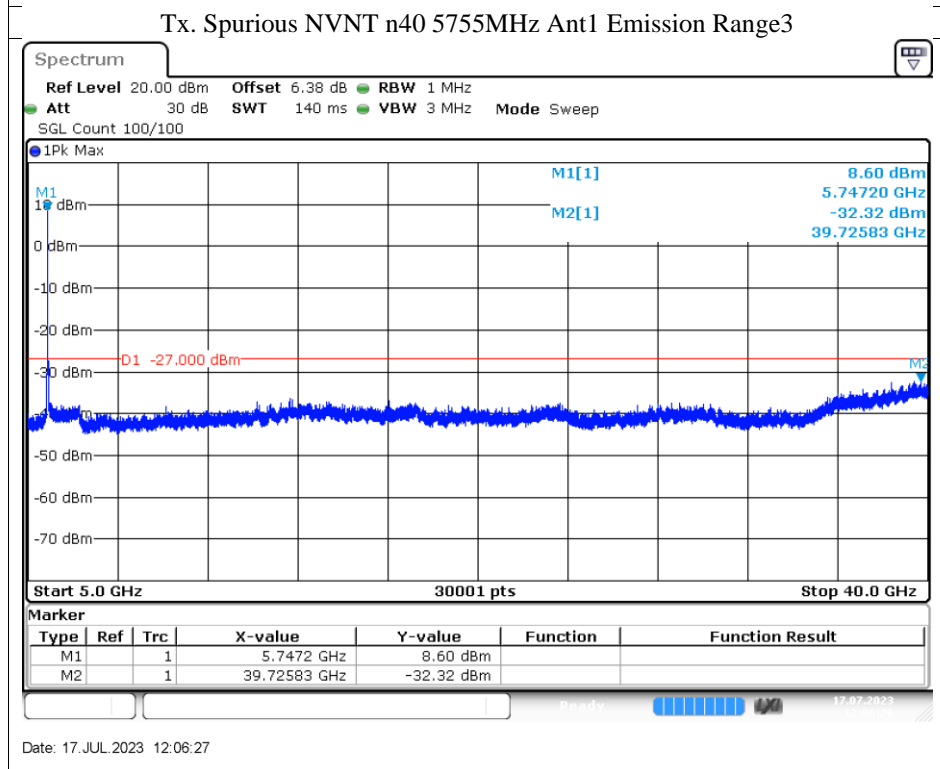
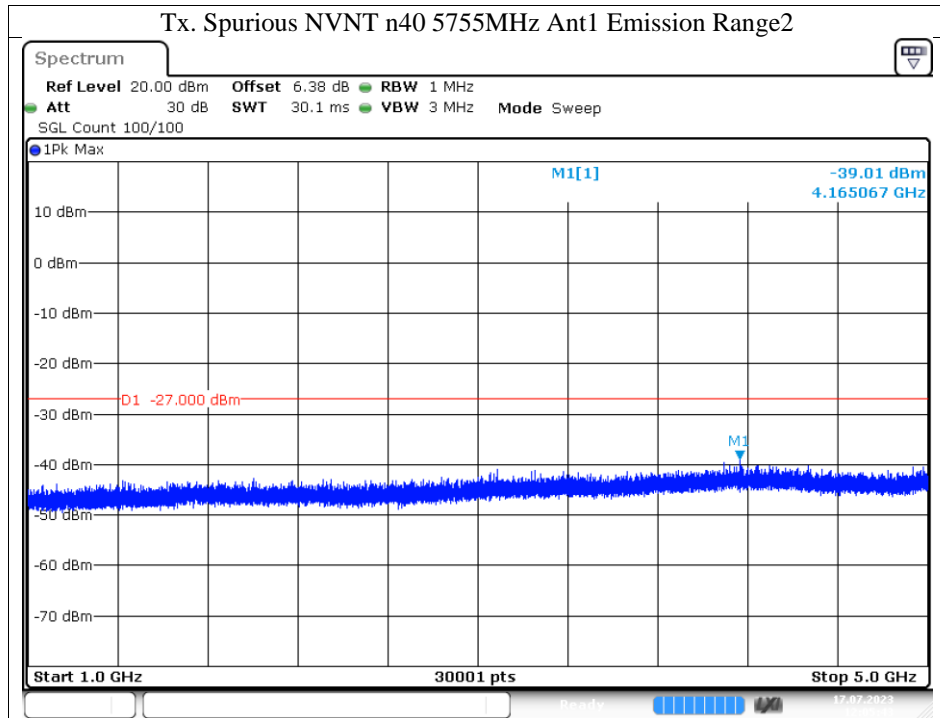


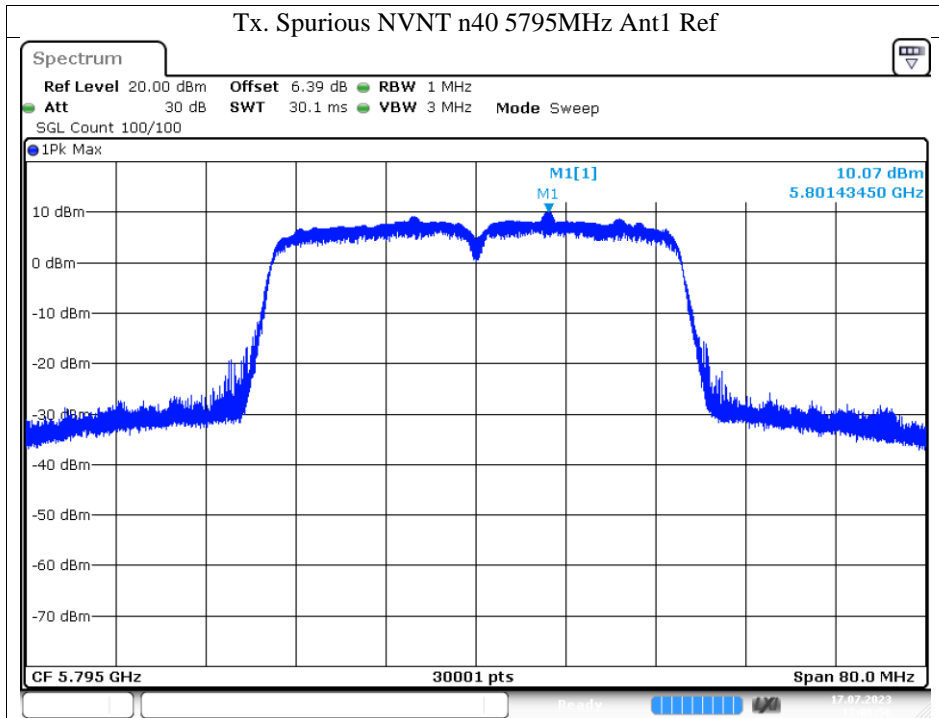


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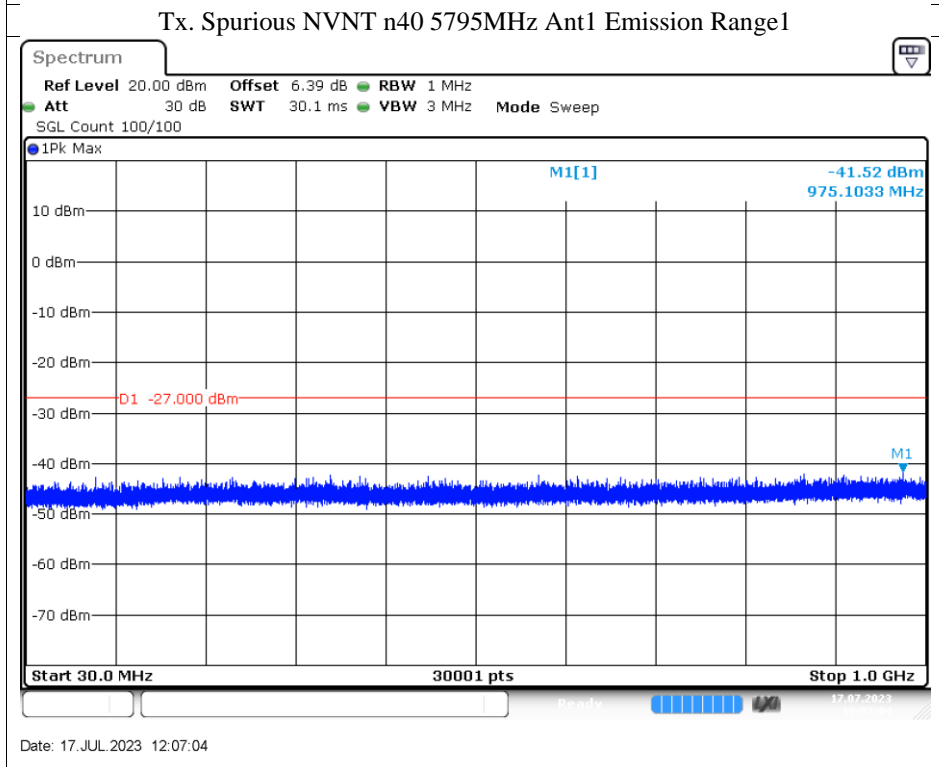


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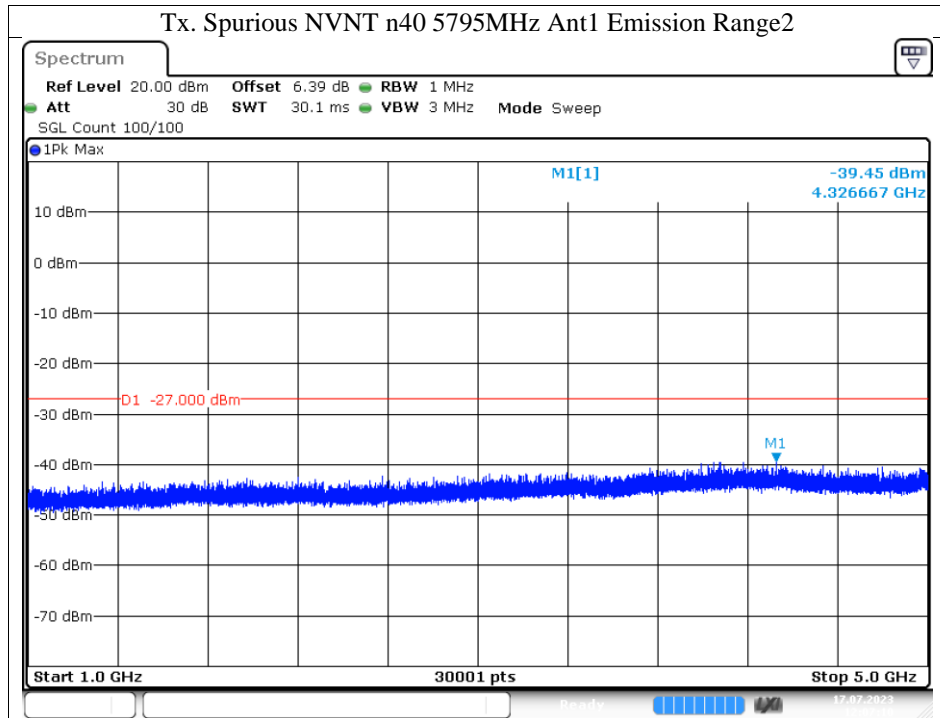




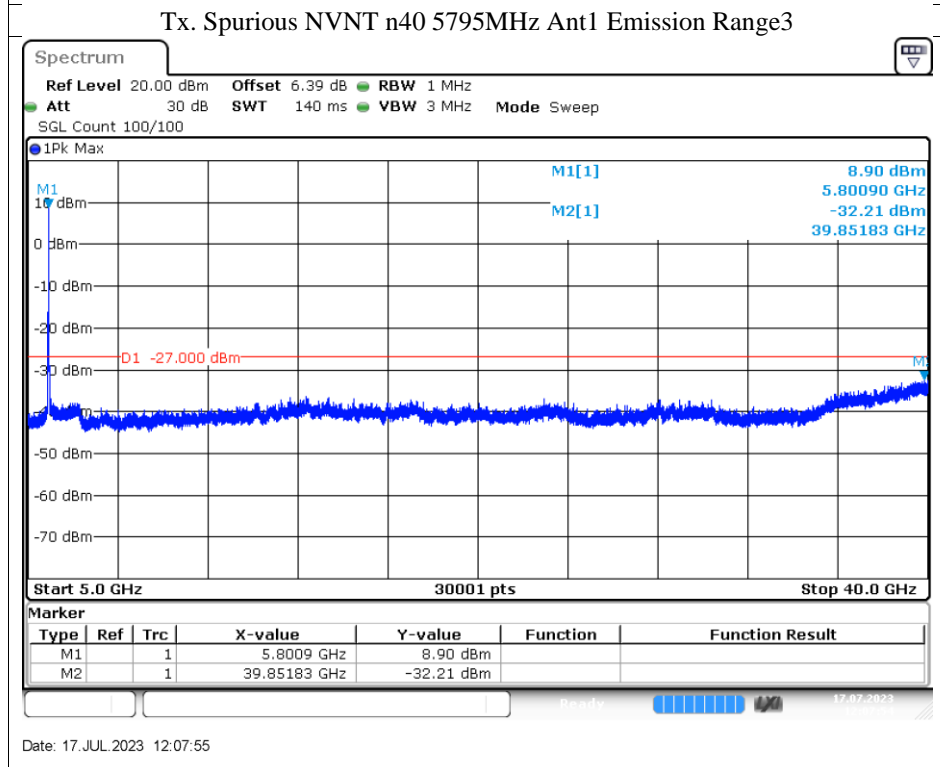
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Date: 17.JUL.2023 12:07:04



Date: 17.JUL.2023 12:07:10



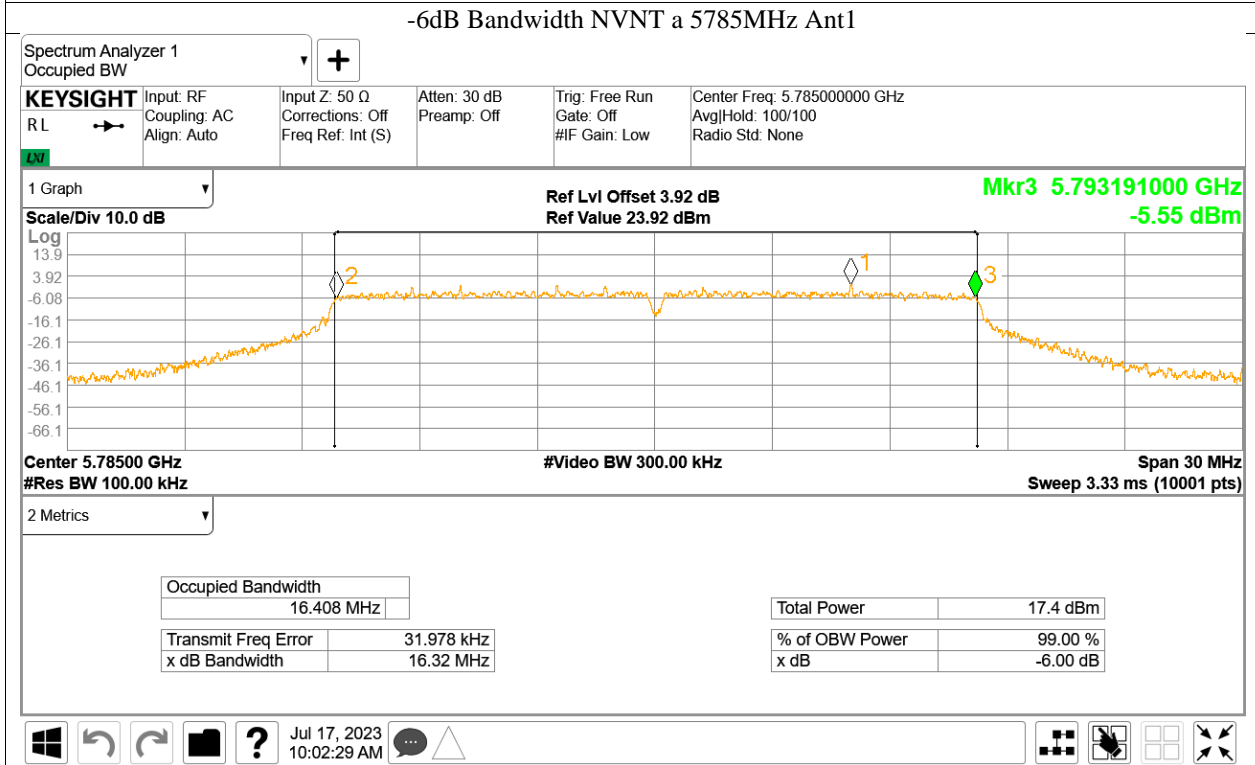
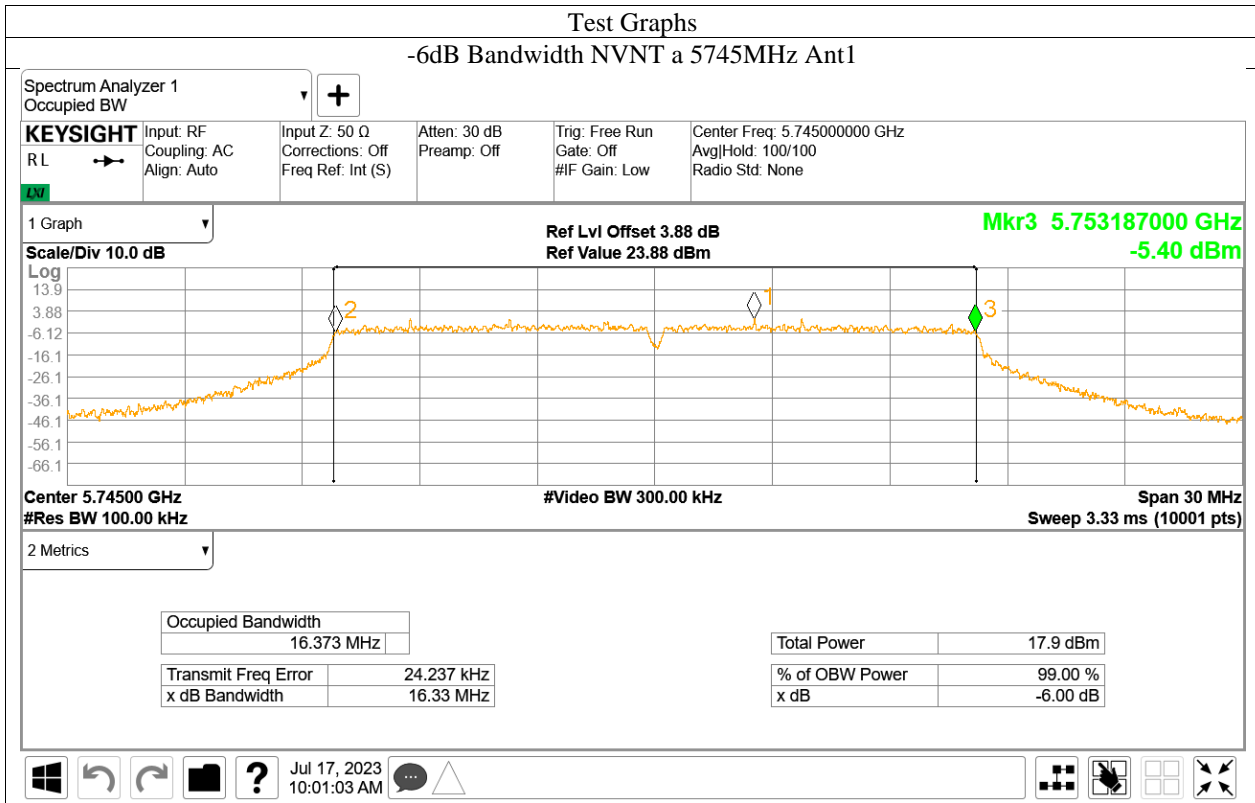
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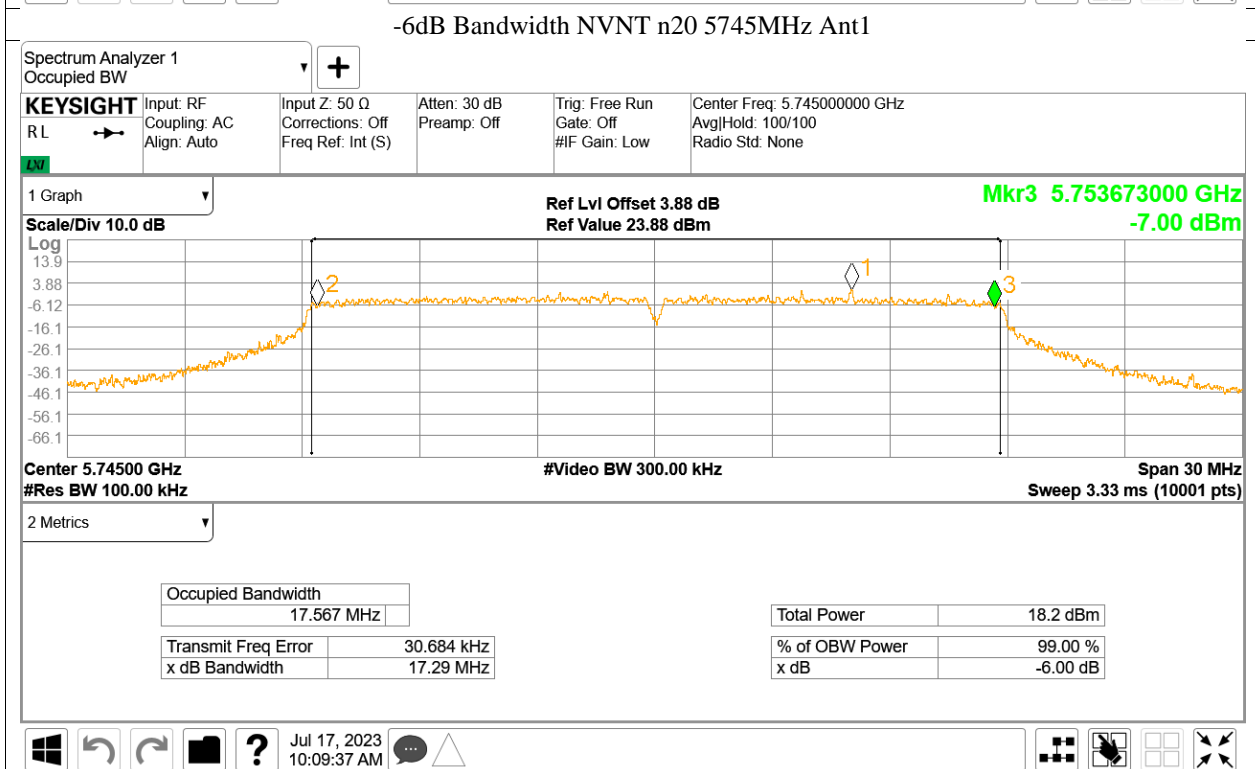
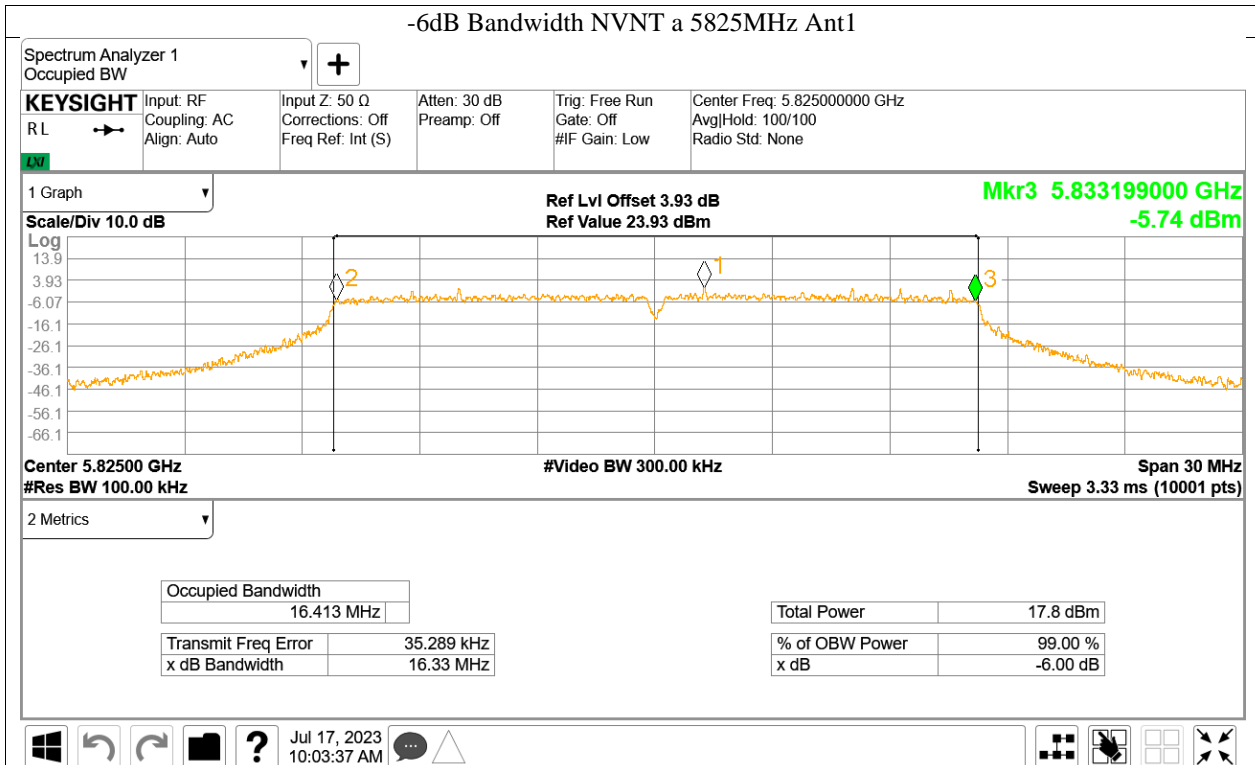


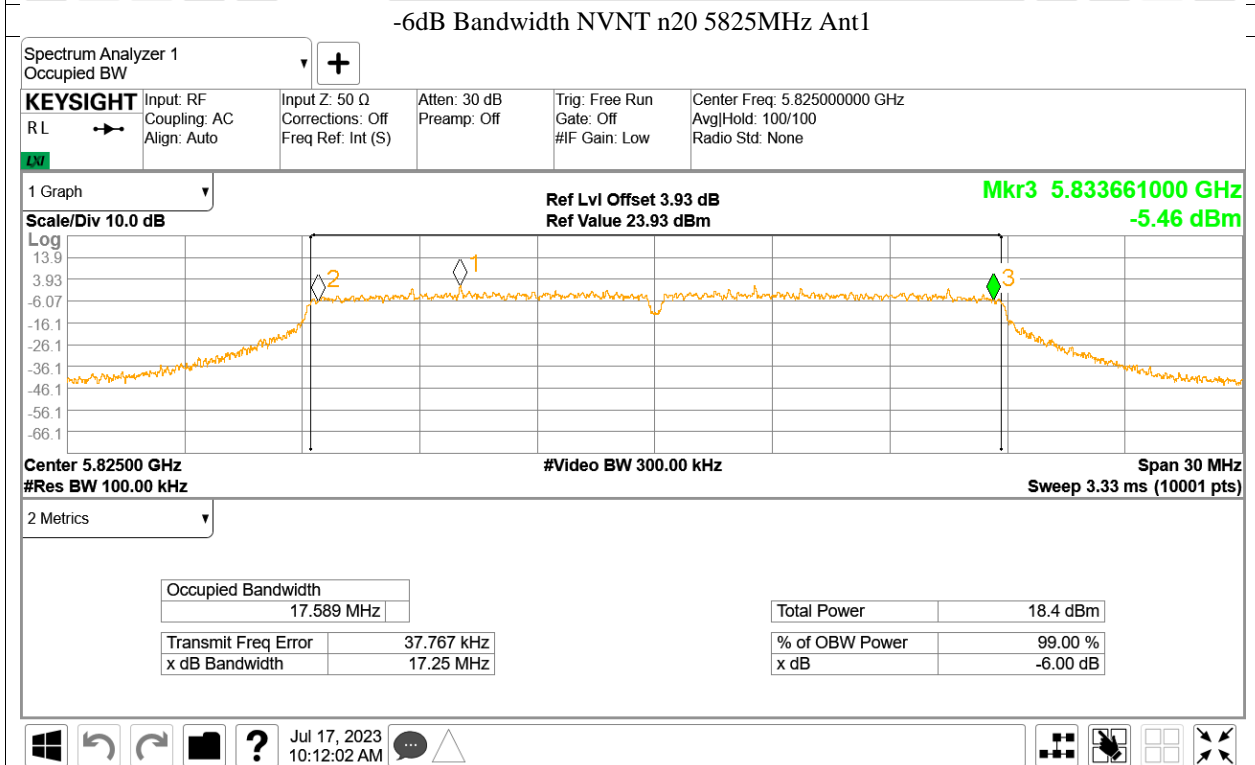
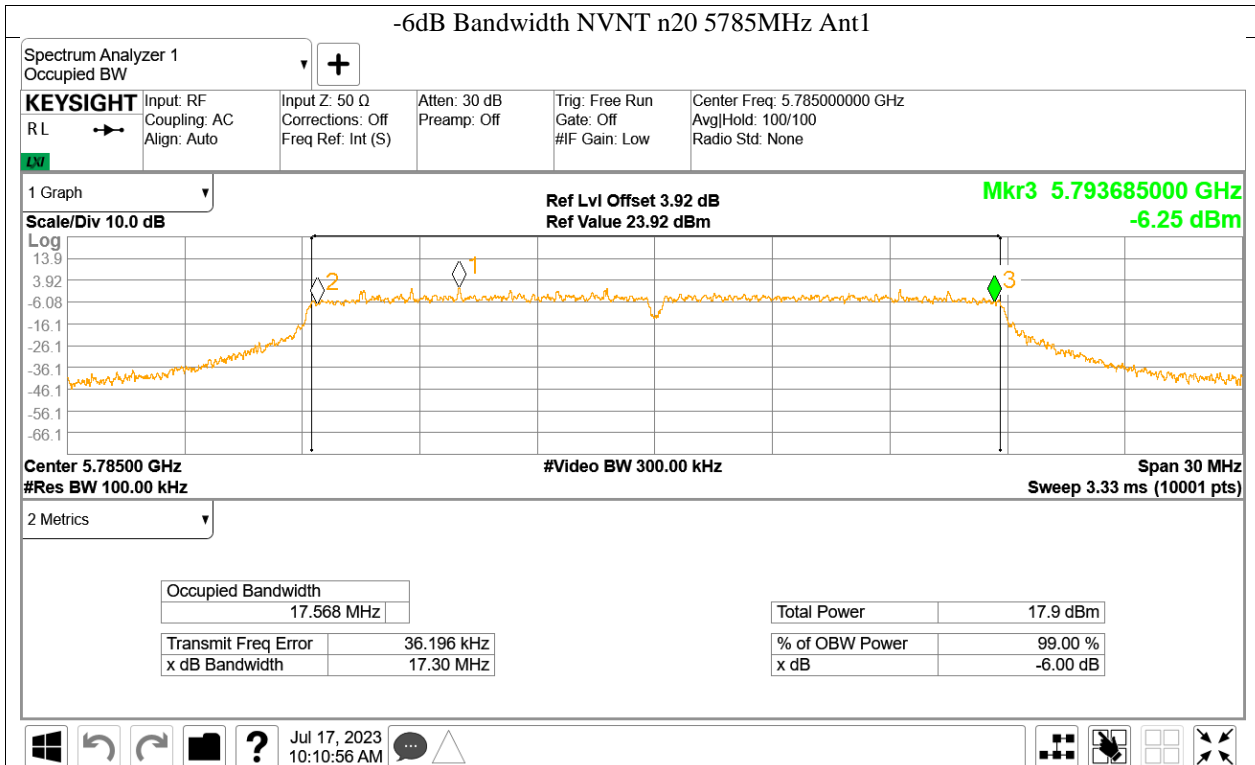


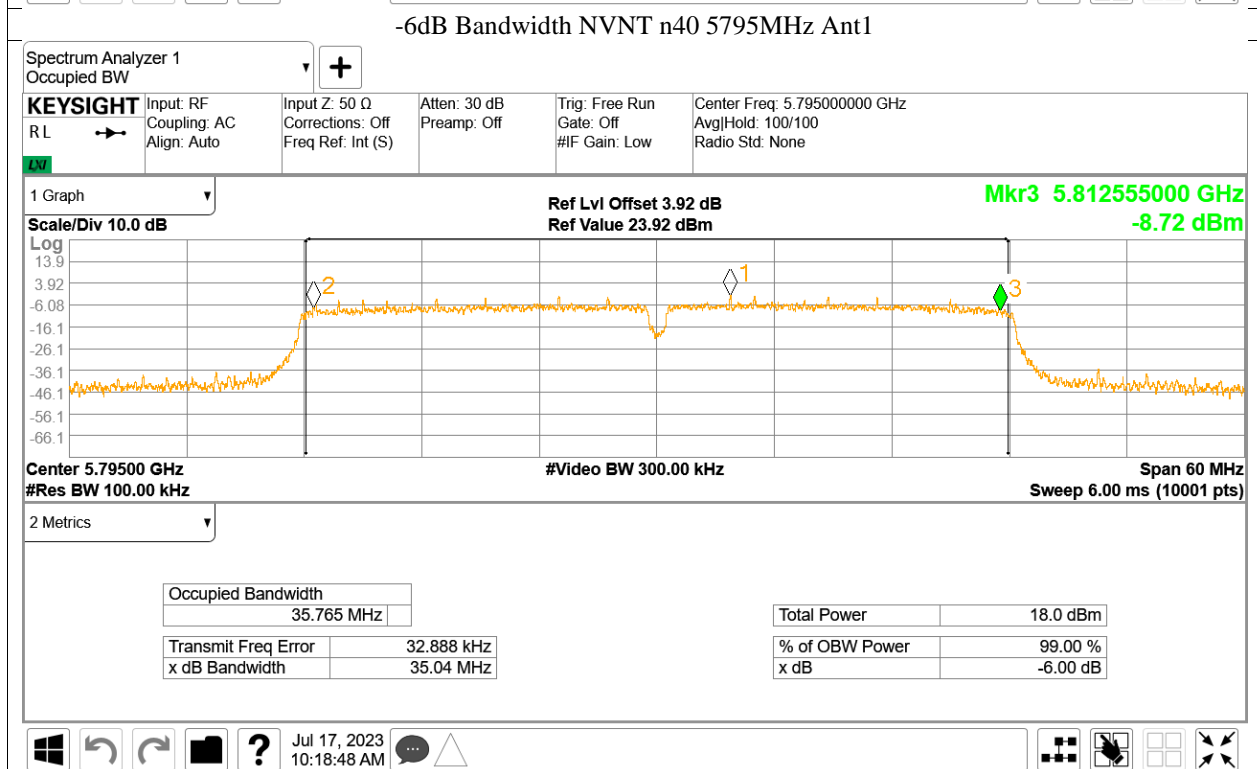
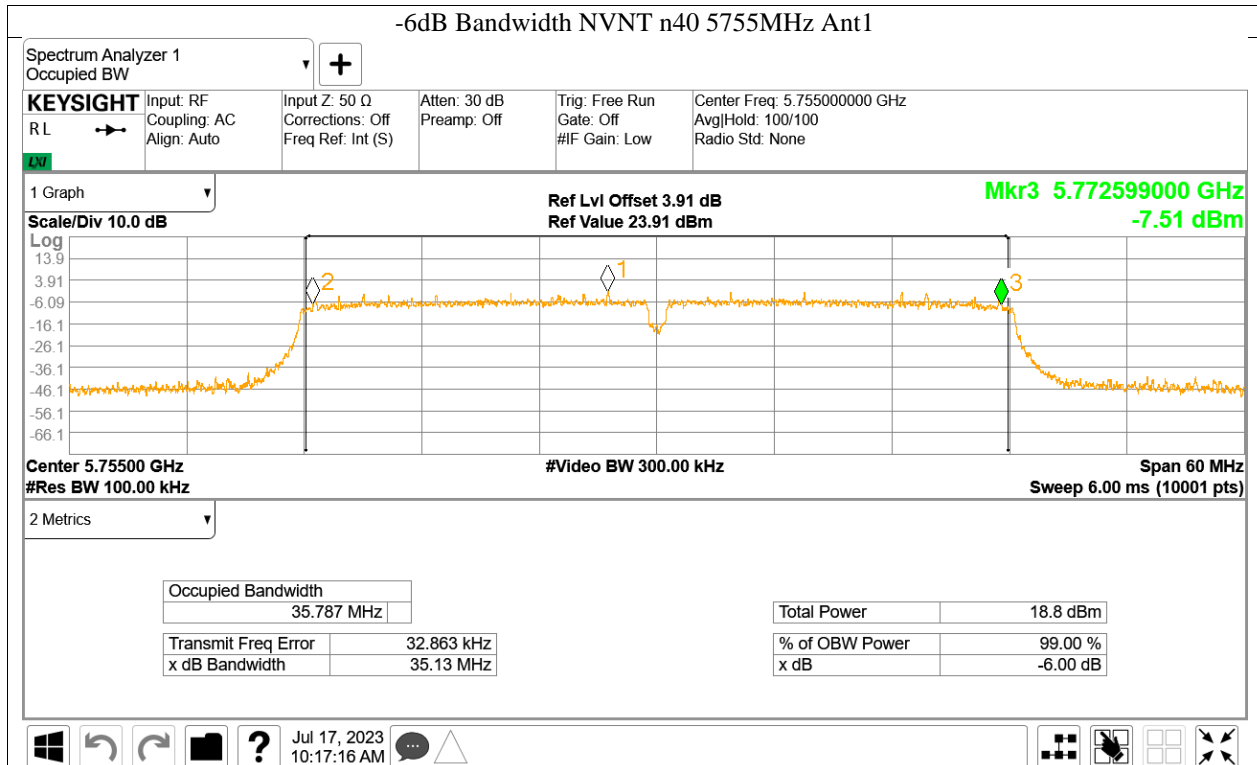
## 9 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.325	0.5	Pass
NVNT	a	5785	Ant1	16.318	0.5	Pass
NVNT	a	5825	Ant1	16.327	0.5	Pass
NVNT	n20	5745	Ant1	17.286	0.5	Pass
NVNT	n20	5785	Ant1	17.298	0.5	Pass
NVNT	n20	5825	Ant1	17.247	0.5	Pass
NVNT	n40	5755	Ant1	35.133	0.5	Pass
NVNT	n40	5795	Ant1	35.044	0.5	Pass









THE END