

Conducted Spurious Emission Test Method:

According to KBD789033 D02

1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.

2. For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

- a) Set RBW $\geq$ between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth)
- b) Set VBW $\geq$ 3 RBW.

Limits:

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.725-5.85 GHz band: shall have e.i.r.p. of unwanted emissions comply with the following:

- a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

Conducted Test Result:

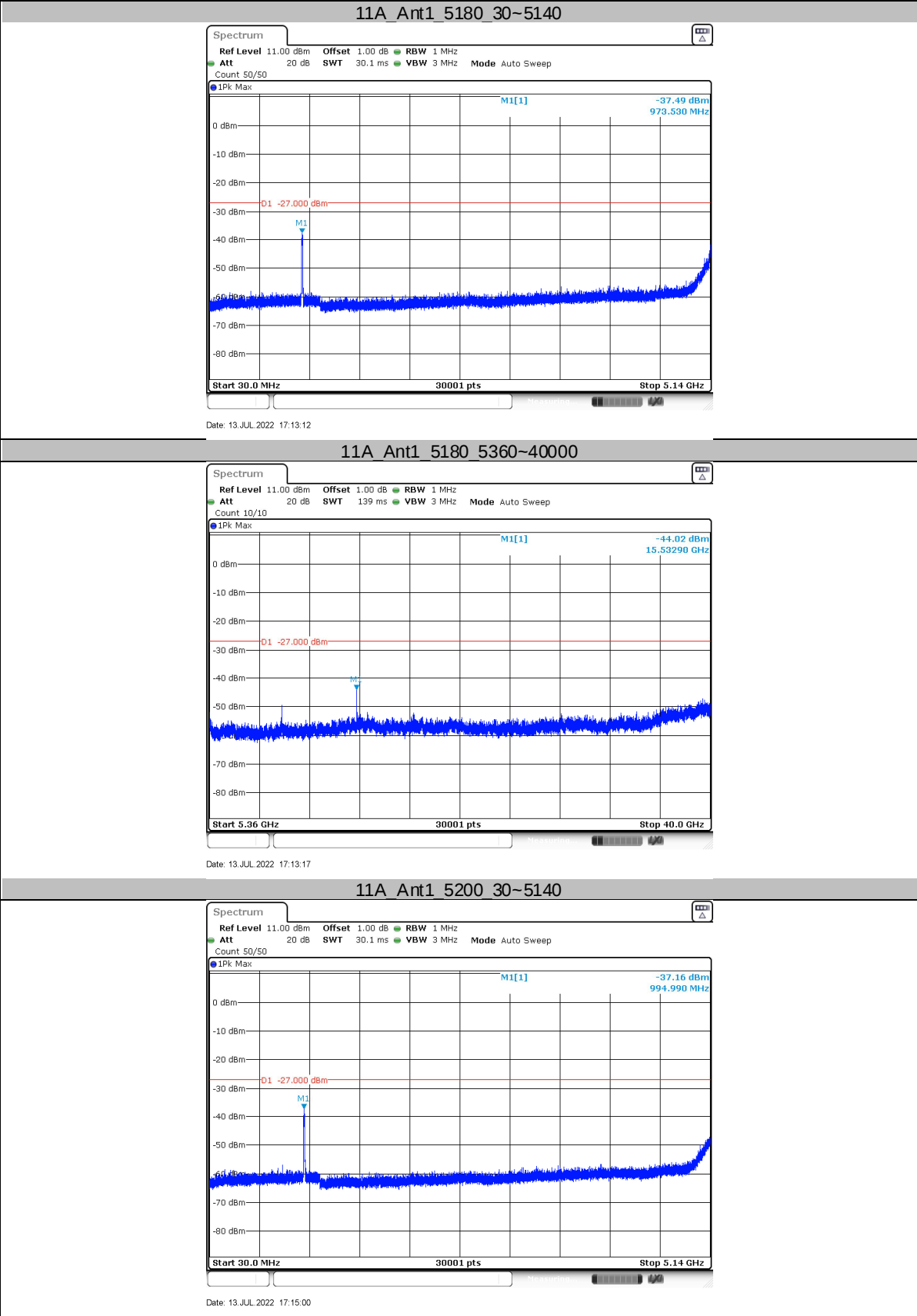
TestMode	Antenna	Chanel Name	FreqRange(MHz)	Max. Fre(MHz)	Max. Level(dBm/MHz)	Limit(dBm/MHz)	Verdict
11A	Ant1	5180	30~5140	30~5140	-37.49	<=-27	PASS
			5360~40000	5360~40000	-44.02	<=-27	PASS
		5200	30~5140	30~5140	-37.16	<=-27	PASS
			5360~40000	5360~40000	-44.91	<=-27	PASS
		5240	30~5140	30~5140	-38.51	<=-27	PASS
			5360~40000	5360~40000	-40.12	<=-27	PASS
		5260	30~5140	30~5140	-39.49	<=-27	PASS
			5360~40000	5360~40000	-40.08	<=-27	PASS
		5280	30~5140	30~5140	-39.87	<=-27	PASS
			5360~40000	5360~40000	-41.05	<=-27	PASS
		5320	30~5140	30~5140	-42.68	<=-27	PASS
			5360~40000	5360~40000	-43.38	<=-27	PASS
		5500	30~5460	30~5460	-43.36	<=-27	PASS
			5735~40000	5735~40000	-42.32	<=-27	PASS
		5580	30~5460	30~5460	-44.12	<=-27	PASS
			5735~40000	5735~40000	-36.73	<=-27	PASS
		5700	30~5460	30~5460	-45.76	<=-27	PASS
			5735~40000	5735~40000	-37.51	<=-27	PASS
		5720	30~5460	30~5460	-44.75	<=-27	PASS
			5925~40000	5925~40000	-35.84	<=-27	PASS
		5745	30~5650	30~5650	-45.58	<=-27	PASS
			5925~40000	5925~40000	-38.15	<=-27	PASS
		5785	30~5650	30~5650	-44.95	<=-27	PASS
			5925~40000	5925~40000	-35.99	<=-27	PASS
		5825	30~5650	30~5650	-45.27	<=-27	PASS
			5925~40000	5925~40000	-34.75	<=-27	PASS
11N20SISO	Ant1	5180	30~5140	30~5140	-36.77	<=-27	PASS
			5360~40000	5360~40000	-45	<=-27	PASS
		5200	30~5140	30~5140	-36.62	<=-27	PASS
			5360~40000	5360~40000	-44.08	<=-27	PASS
		5240	30~5140	30~5140	-38.76	<=-27	PASS
			5360~40000	5360~40000	-39.95	<=-27	PASS
		5260	30~5140	30~5140	-39.14	<=-27	PASS
			5360~40000	5360~40000	-40.03	<=-27	PASS
		5280	30~5140	30~5140	-38.89	<=-27	PASS
			5360~40000	5360~40000	-43.02	<=-27	PASS
		5320	30~5140	30~5140	-41.3	<=-27	PASS
			5360~40000	5360~40000	-42.29	<=-27	PASS
		5500	30~5460	30~5460	-41.21	<=-27	PASS
			5735~40000	5735~40000	-39.91	<=-27	PASS
		5580	30~5460	30~5460	-43.03	<=-27	PASS
			5735~40000	5735~40000	-33.2	<=-27	PASS
		5700	30~5460	30~5460	-43.1	<=-27	PASS
			5735~40000	5735~40000	-35.87	<=-27	PASS

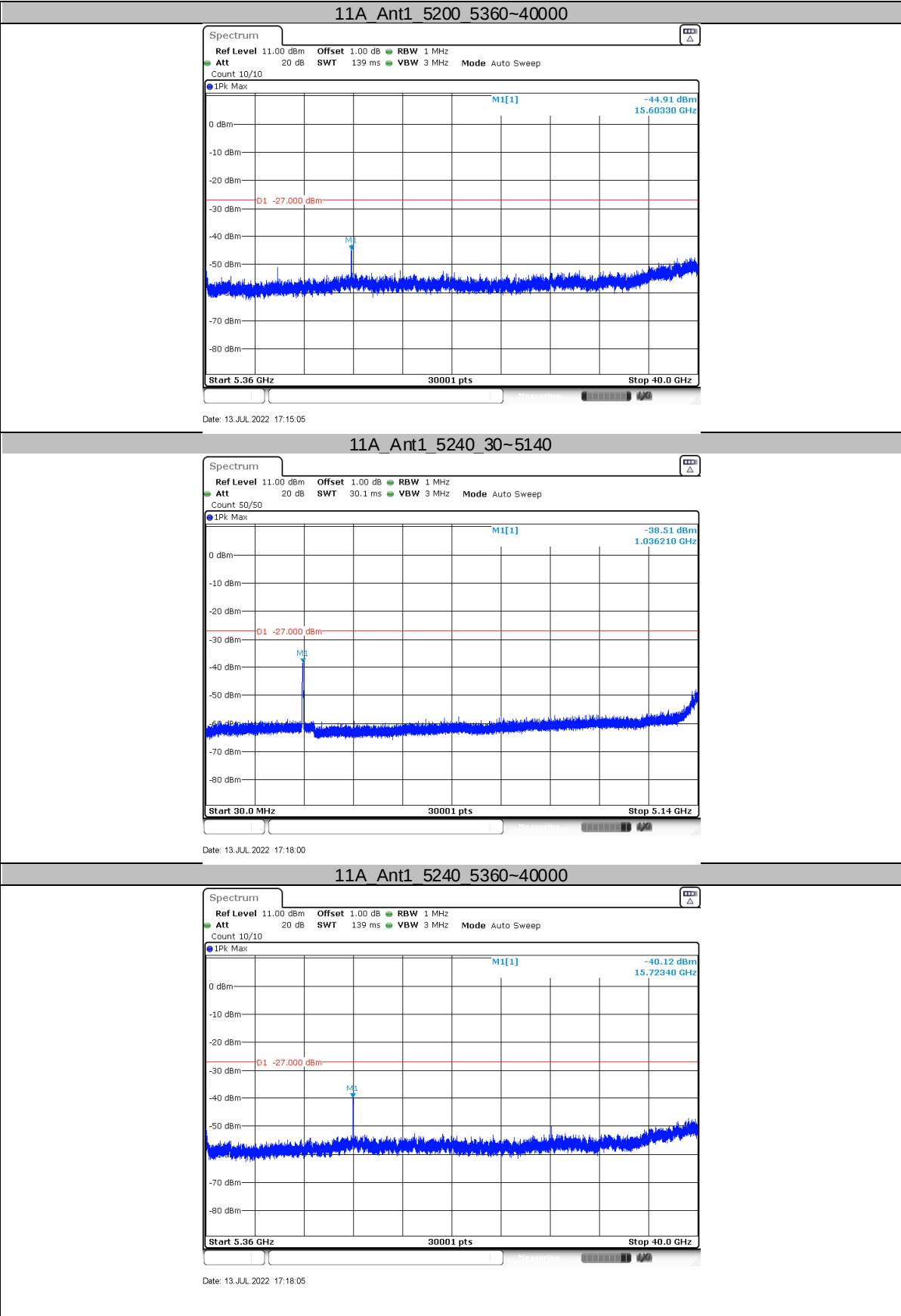
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			5925~40000	5925~40000	-37.56	<=-27	PASS
		5785	30~5650	30~5650	-45.4	<=-27	PASS
			5925~40000	5925~40000	-33.45	<=-27	PASS
11N40SISO	Ant1	5825	30~5650	30~5650	-44.54	<=-27	PASS
			5925~40000	5925~40000	-34.49	<=-27	PASS
		5190	30~5140	30~5140	-31.57	<=-27	PASS
			5360~40000	5360~40000	-46.83	<=-27	PASS
		5230	30~5140	30~5140	-39.36	<=-27	PASS
			5360~40000	5360~40000	-45.58	<=-27	PASS
		5270	30~5140	30~5140	-43.11	<=-27	PASS
			5360~40000	5360~40000	-43.77	<=-27	PASS
		5310	30~5140	30~5140	-43.08	<=-27	PASS
			5360~40000	5360~40000	-33.85	<=-27	PASS
		5510	30~5460	30~5460	-34.93	<=-27	PASS
			5735~40000	5735~40000	-44.7	<=-27	PASS
		5550	30~5460	30~5460	-44.5	<=-27	PASS
			5735~40000	5735~40000	-44.91	<=-27	PASS
		5670	30~5460	30~5460	-46.5	<=-27	PASS
			5735~40000	5735~40000	-40.37	<=-27	PASS
		5710	30~5460	30~5460	-48.14	<=-27	PASS
			5925~40000	5925~40000	-38.45	<=-27	PASS
11AC20SISO	Ant1	5755	30~5650	30~5650	-46.93	<=-27	PASS
			5925~40000	5925~40000	-40.36	<=-27	PASS
		5795	30~5650	30~5650	-47.64	<=-27	PASS
			5925~40000	5925~40000	-38.93	<=-27	PASS
		5180	30~5140	30~5140	-36.37	<=-27	PASS
			5360~40000	5360~40000	-41.41	<=-27	PASS
		5200	30~5140	30~5140	-37.3	<=-27	PASS
			5360~40000	5360~40000	-43.24	<=-27	PASS
		5240	30~5140	30~5140	-37.63	<=-27	PASS
			5360~40000	5360~40000	-40.78	<=-27	PASS
		5260	30~5140	30~5140	-38.25	<=-27	PASS
			5360~40000	5360~40000	-38.25	<=-27	PASS
		5280	30~5140	30~5140	-39.12	<=-27	PASS
			5360~40000	5360~40000	-41.87	<=-27	PASS
		5320	30~5140	30~5140	-41.46	<=-27	PASS
			5360~40000	5360~40000	-41.48	<=-27	PASS
		5500	30~5460	30~5460	-42.26	<=-27	PASS
			5735~40000	5735~40000	-37.21	<=-27	PASS
		5580	30~5460	30~5460	-44.83	<=-27	PASS
			5735~40000	5735~40000	-37.41	<=-27	PASS
		5700	30~5460	30~5460	-46.11	<=-27	PASS
			5735~40000	5735~40000	-34.11	<=-27	PASS
		5720	30~5460	30~5460	-45.35	<=-27	PASS
			5925~40000	5925~40000	-34.08	<=-27	PASS

		5745	30~5650	30~5650	-43.87	<=-27	PASS
			5925~40000	5925~40000	-37.39	<=-27	PASS
		5785	30~5650	30~5650	-43.74	<=-27	PASS
			5925~40000	5925~40000	-35.02	<=-27	PASS
		5825	30~5650	30~5650	-44.79	<=-27	PASS
			5925~40000	5925~40000	-31.1	<=-27	PASS
11AC40SISO	Ant1	5190	30~5140	30~5140	-31.62	<=-27	PASS
			5360~40000	5360~40000	-45.16	<=-27	PASS
		5230	30~5140	30~5140	-40.53	<=-27	PASS
			5360~40000	5360~40000	-44.47	<=-27	PASS
		5270	30~5140	30~5140	-40.94	<=-27	PASS
			5360~40000	5360~40000	-40.4	<=-27	PASS
		5310	30~5140	30~5140	-42.35	<=-27	PASS
			5360~40000	5360~40000	-35.26	<=-27	PASS
		5510	30~5460	30~5460	-34.11	<=-27	PASS
			5735~40000	5735~40000	-43.69	<=-27	PASS
		5550	30~5460	30~5460	-44.56	<=-27	PASS
			5735~40000	5735~40000	-44.1	<=-27	PASS
		5670	30~5460	30~5460	-46.65	<=-27	PASS
			5735~40000	5735~40000	-40.61	<=-27	PASS
		5710	30~5460	30~5460	-46.56	<=-27	PASS
			5925~40000	5925~40000	-38.2	<=-27	PASS
		5755	30~5650	30~5650	-46.48	<=-27	PASS
			5925~40000	5925~40000	-40.76	<=-27	PASS
		5795	30~5650	30~5650	-46.69	<=-27	PASS
			5925~40000	5925~40000	-38.13	<=-27	PASS
11AC80SISO	Ant1	5210	30~5140	30~5140	-38.83	<=-27	PASS
			5360~40000	5360~40000	-47.55	<=-27	PASS
		5290	30~5140	30~5140	-46.96	<=-27	PASS
			5360~40000	5360~40000	-28.58	<=-27	PASS
		5530	30~5460	30~5460	-32.19	<=-27	PASS
			5735~40000	5735~40000	-47.53	<=-27	PASS
		5690	30~5460	30~5460	-44.67	<=-27	PASS
			5925~40000	5925~40000	-44.52	<=-27	PASS
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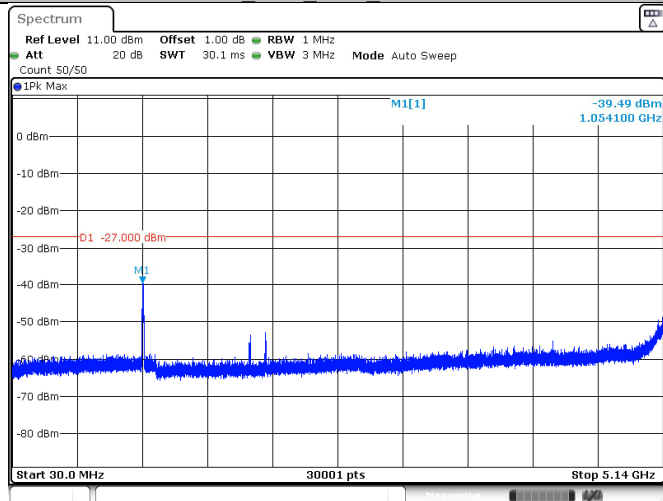


Test Graphs



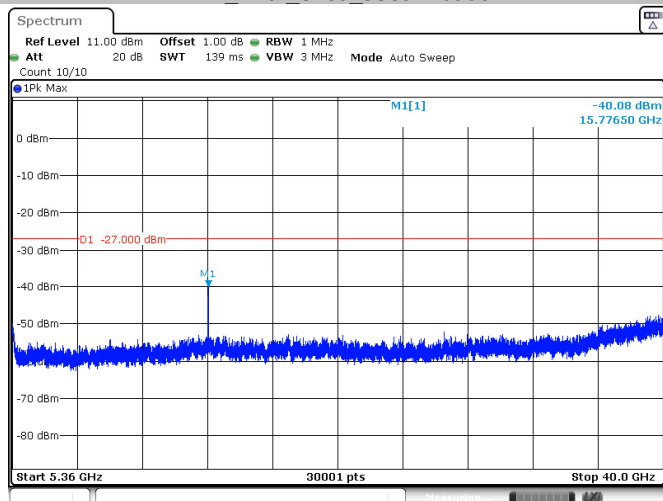


11A Ant1 5260 30~5140



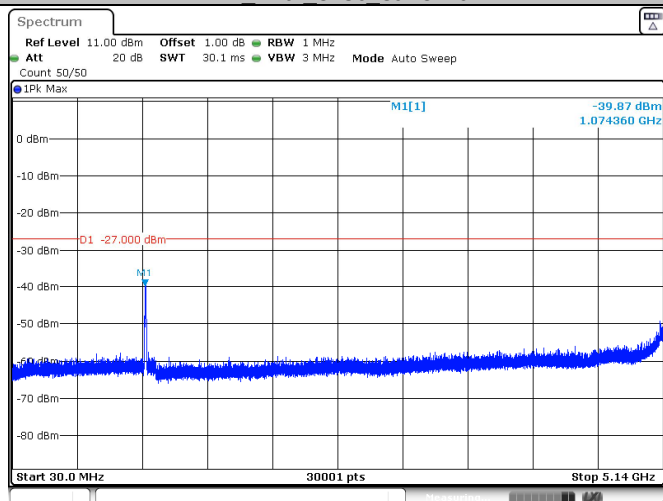
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11A Ant1 5260 5360~40000

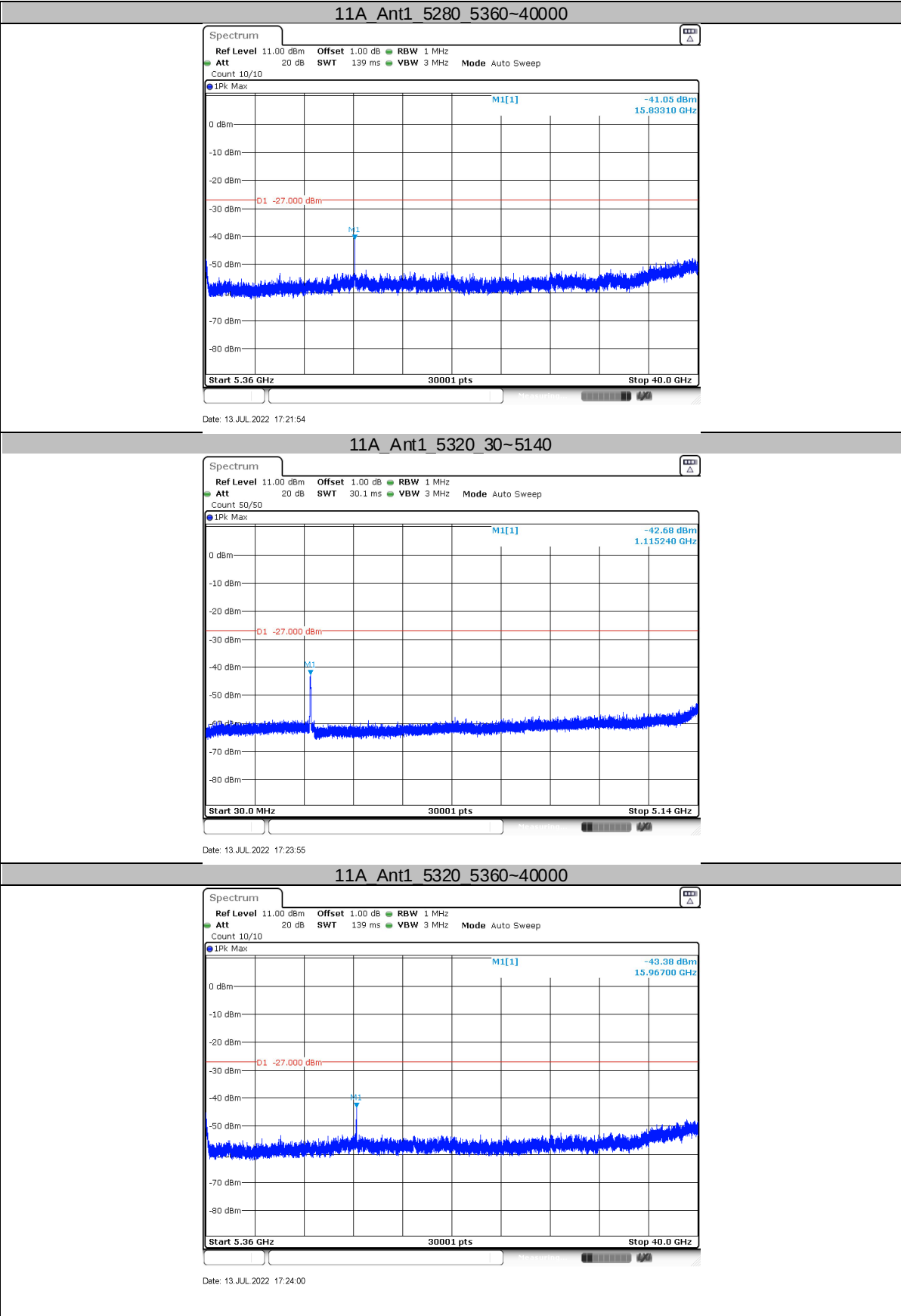


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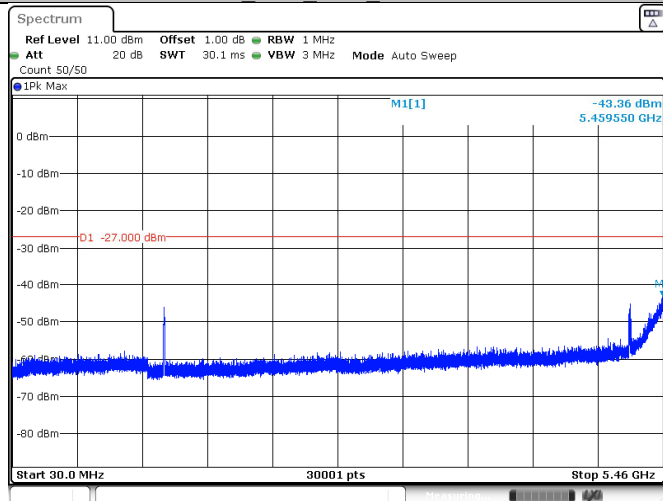
11A Ant1 5280 30~5140



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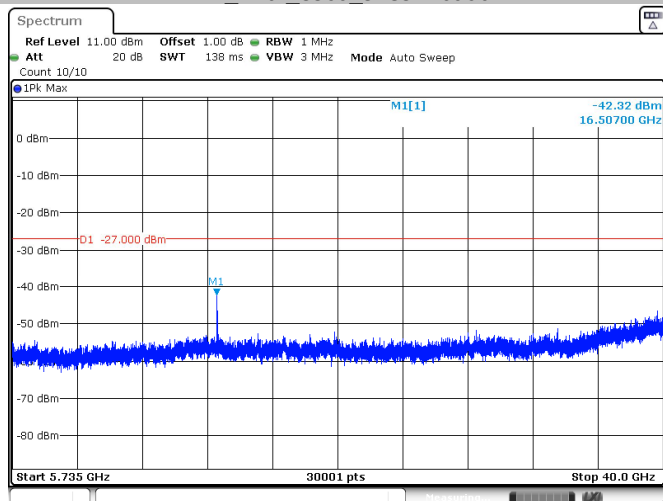


11A Ant1 5500 30~5460



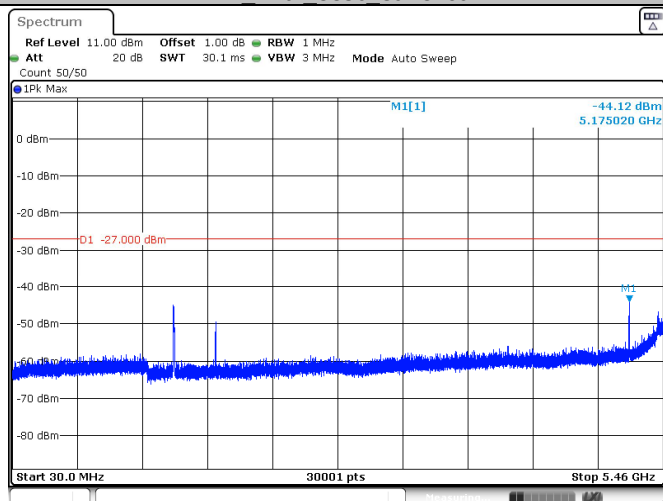
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11A Ant1 5500 5735~40000



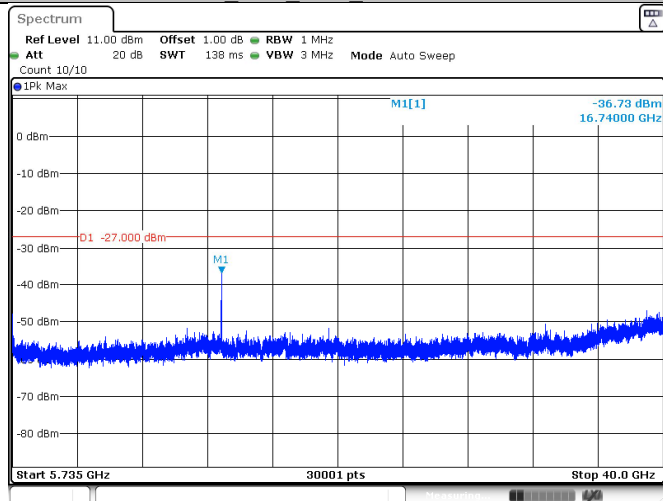
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11A Ant1 5580 30~5460



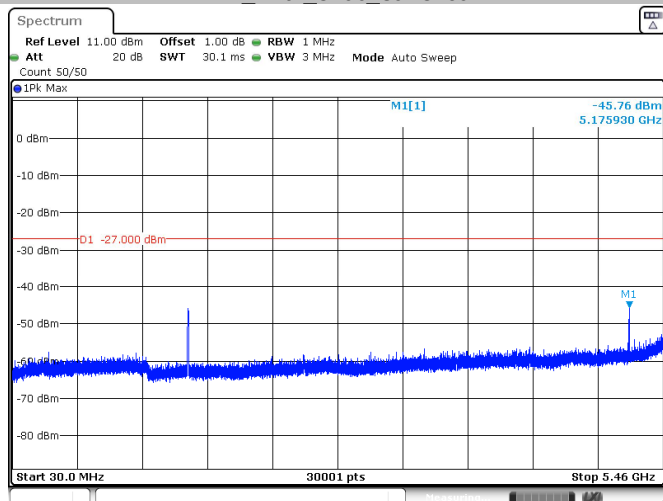
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11A Ant1 5580 5735-40000



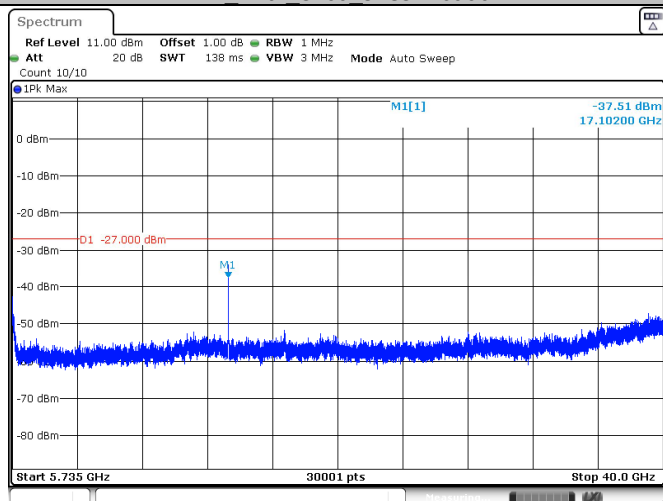
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11A Ant1 5700 30~5460



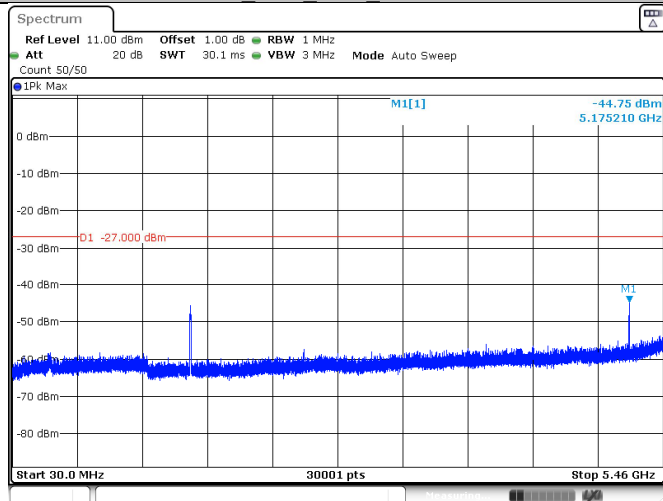
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11A Ant1 5700 5735-40000



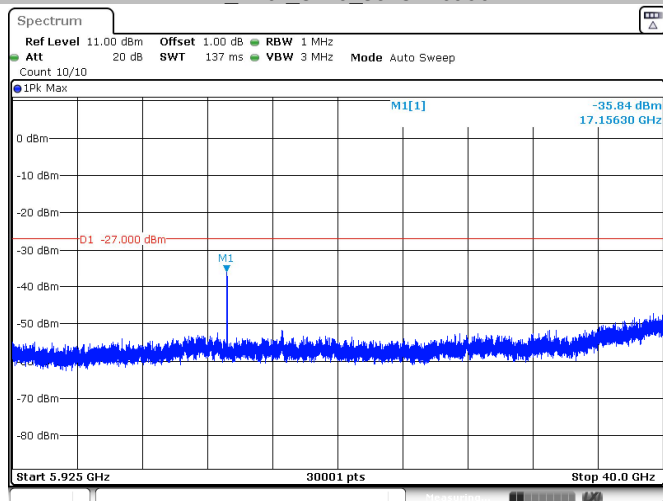
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11A Ant1 5720 30~5460



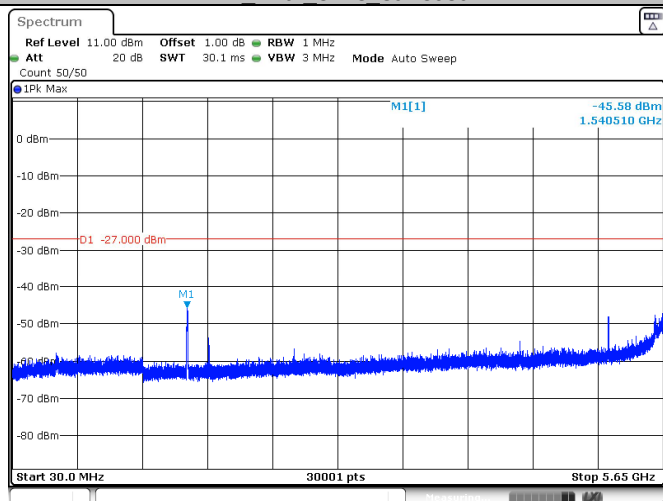
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11A Ant1 5720 5925~40000



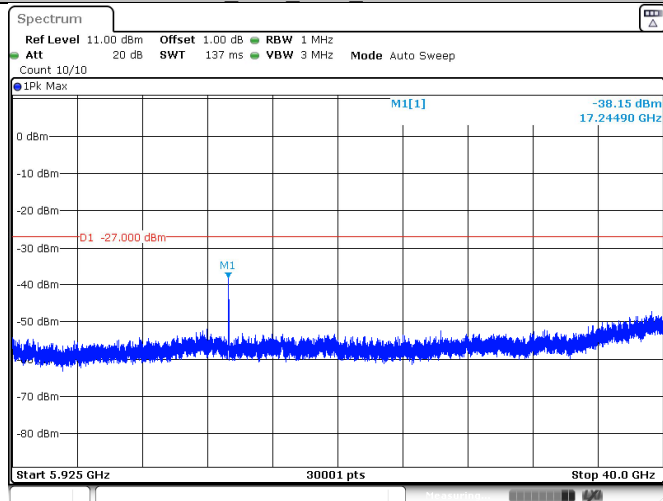
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11A Ant1 5745 30~5650



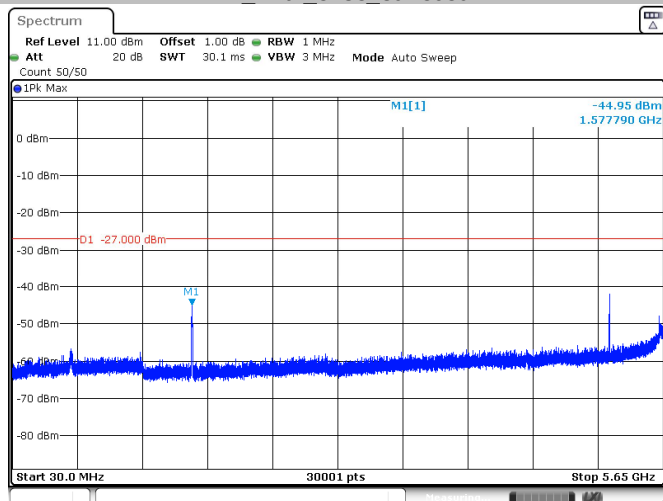
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11A Ant1 5745 5925-40000



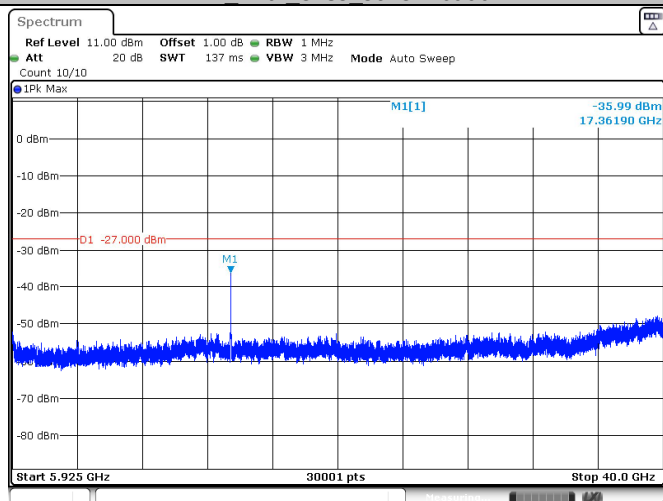
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11A Ant1 5785 30~5650



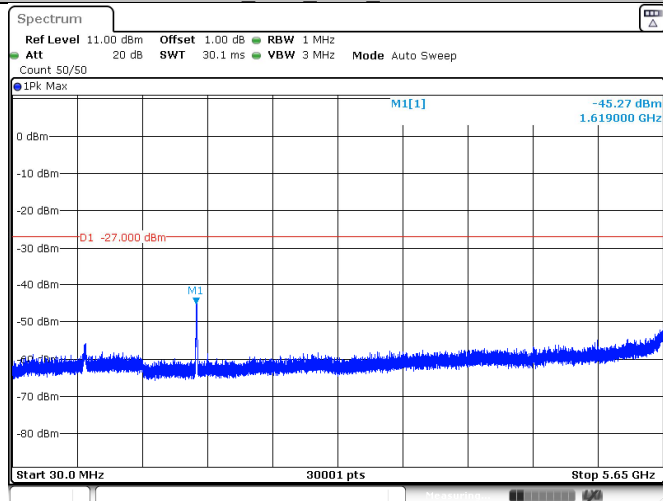
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11A Ant1 5785 5925-40000



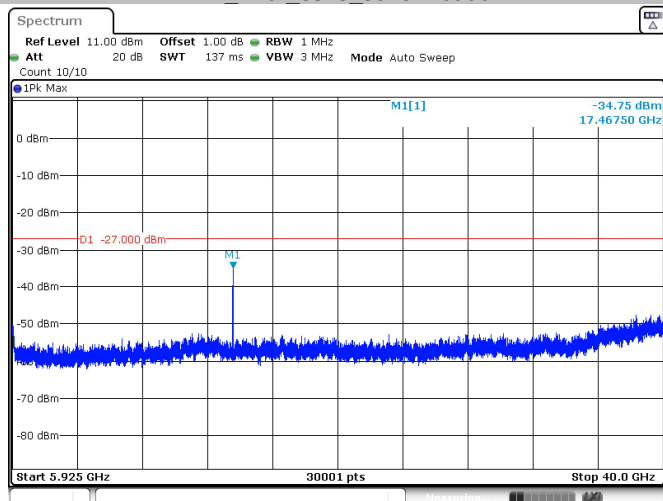
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11A Ant1 5825 30~5650



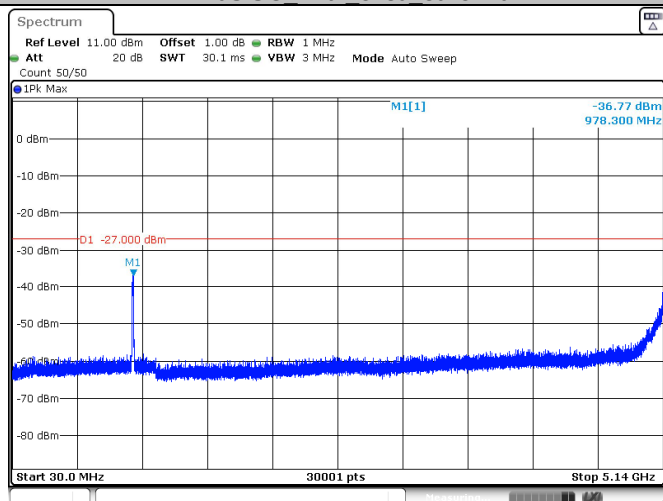
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11A Ant1 5825 5925~40000

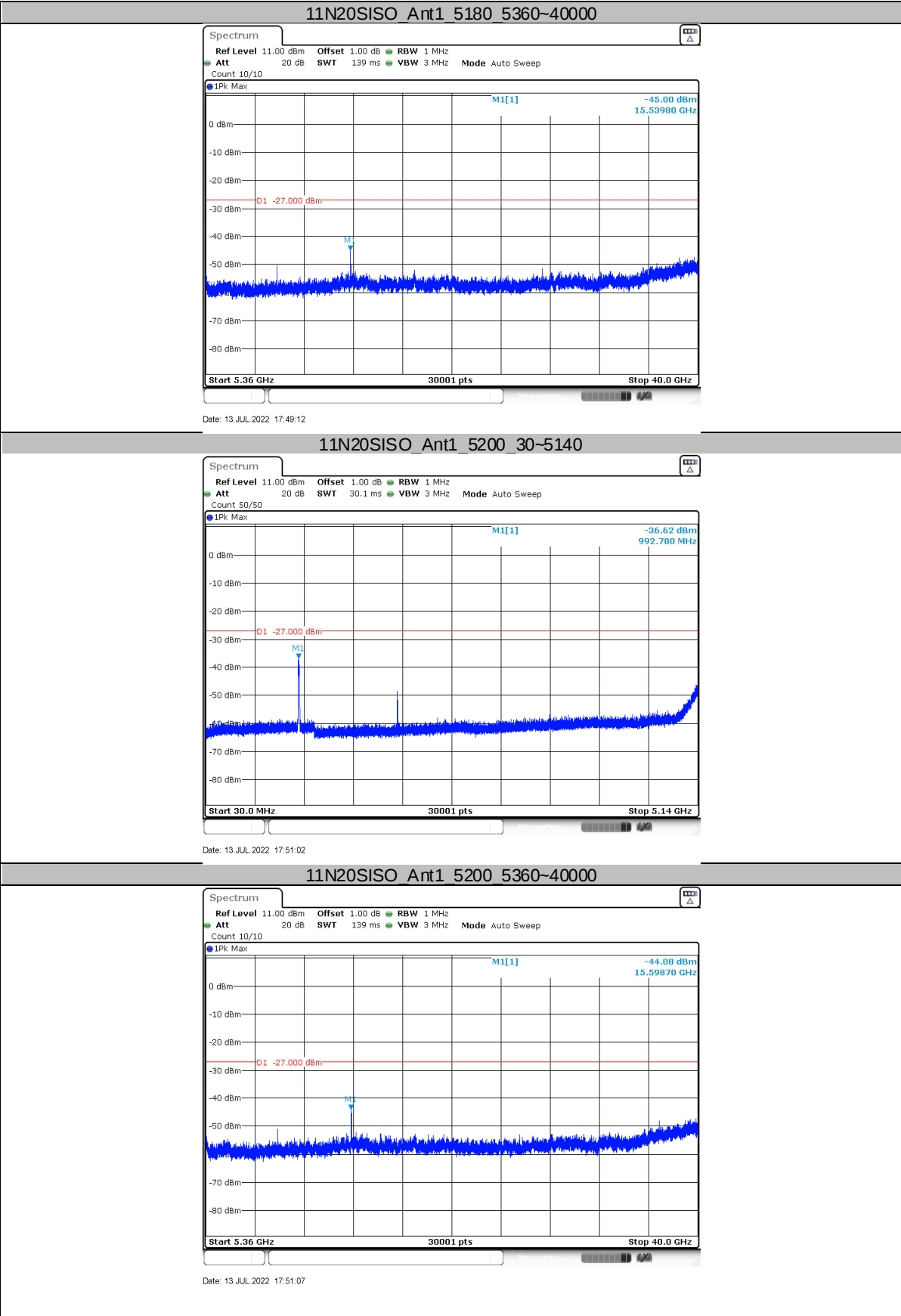


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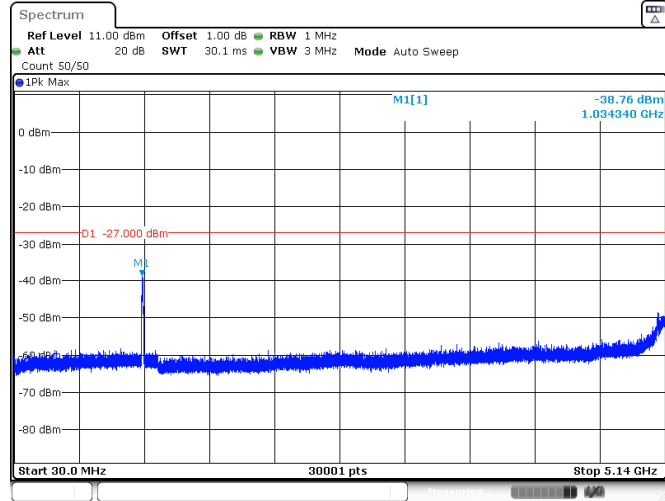
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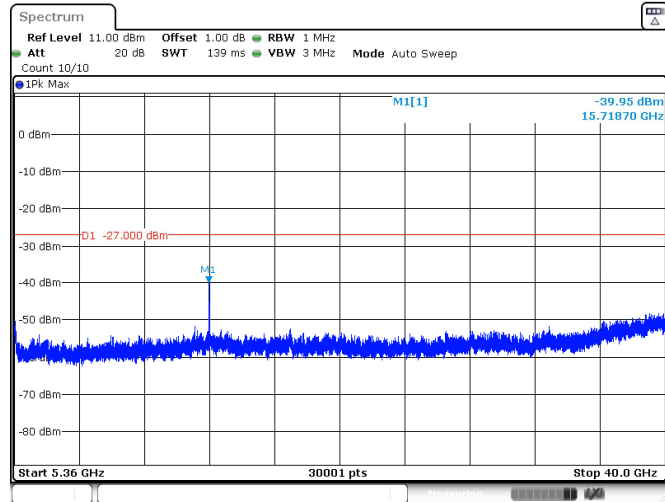


11N20SISO_Ant1_5240_30-5140



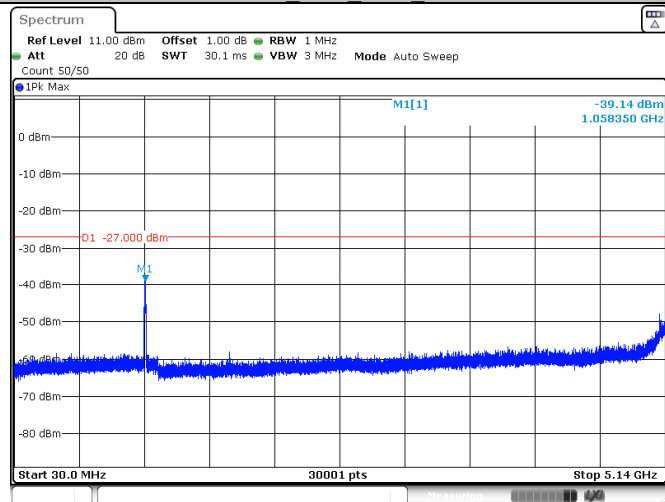
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11N20SISO_Ant1_5240_5360-40000

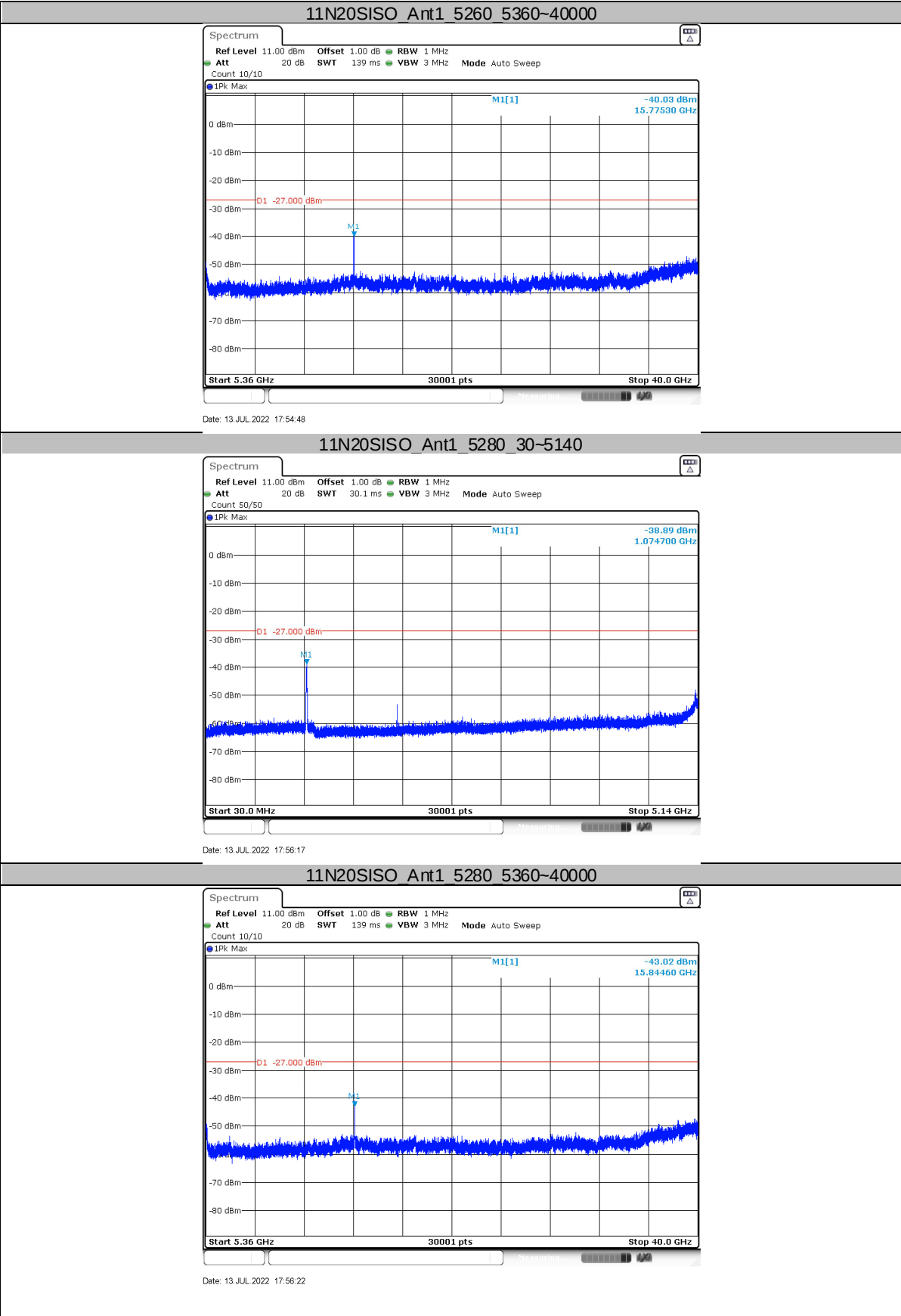


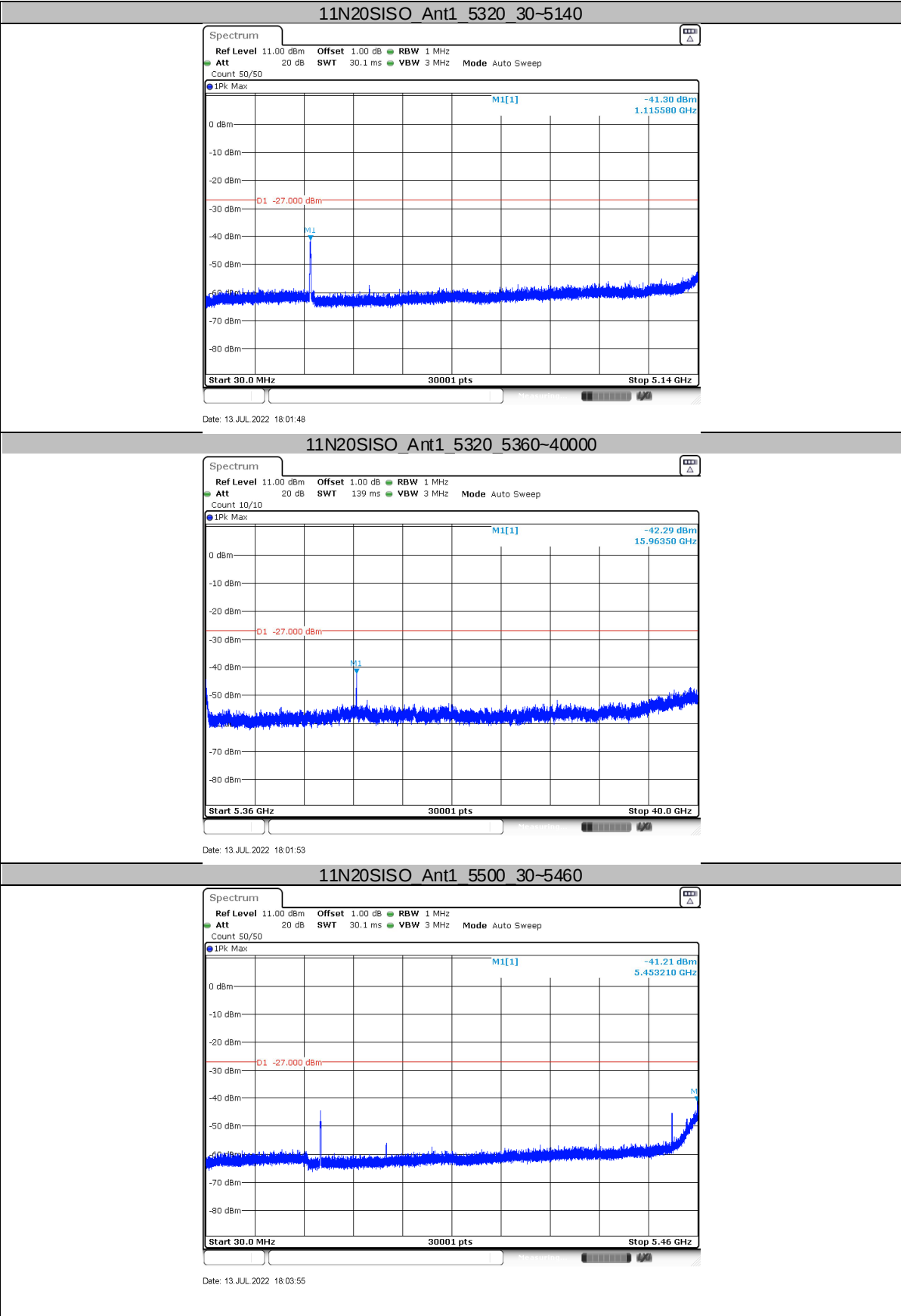
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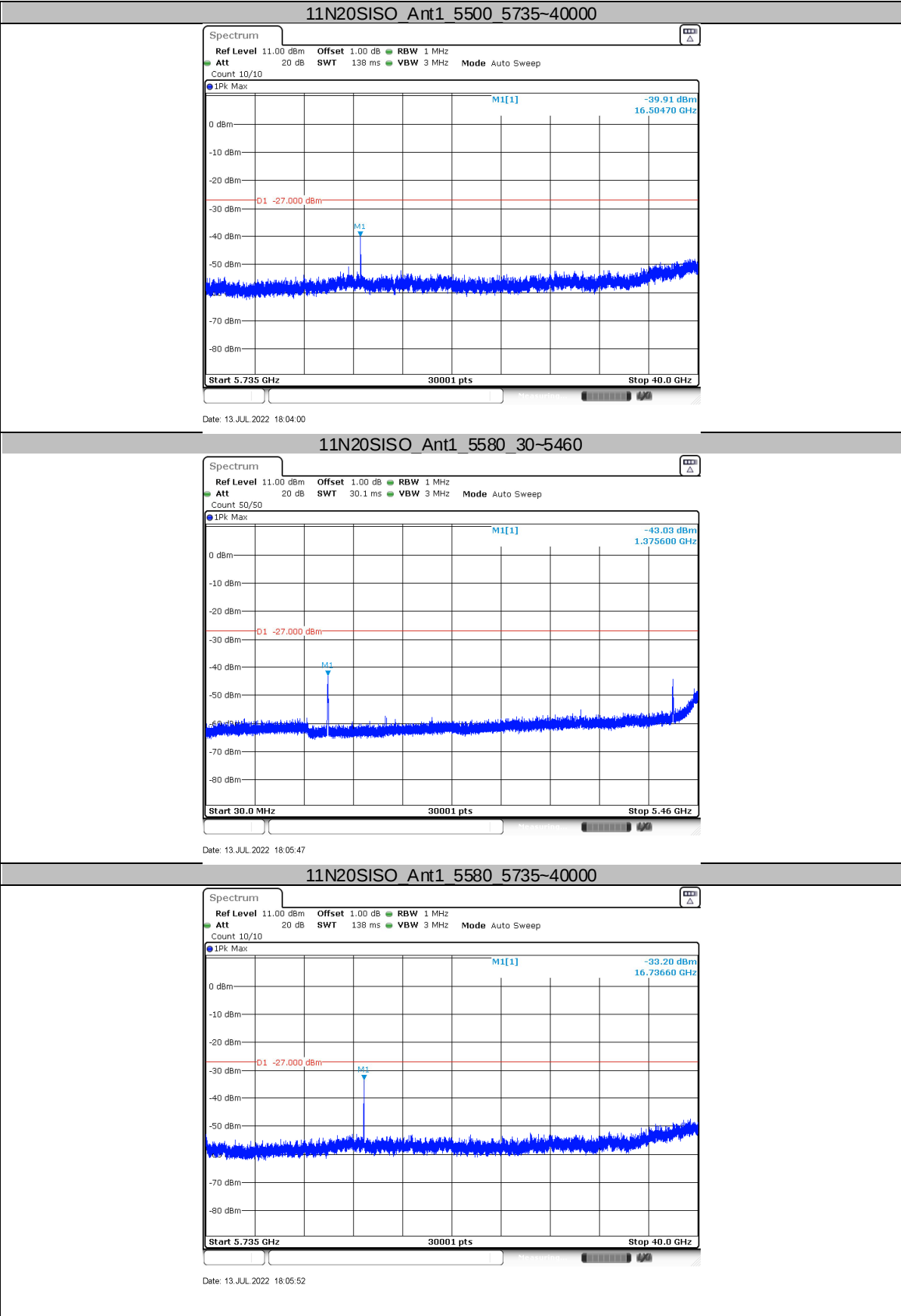
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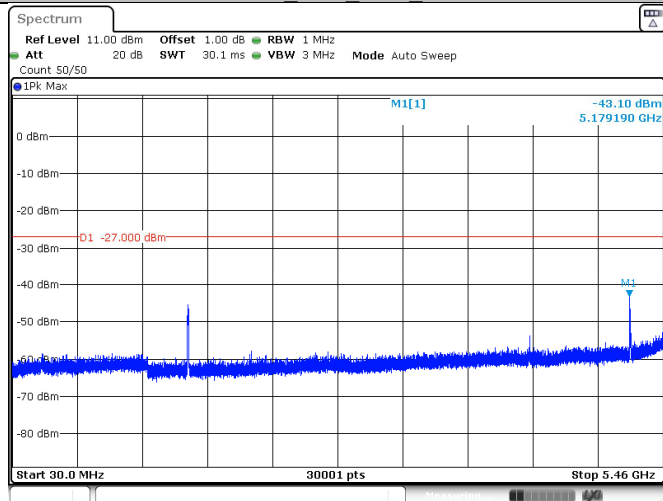
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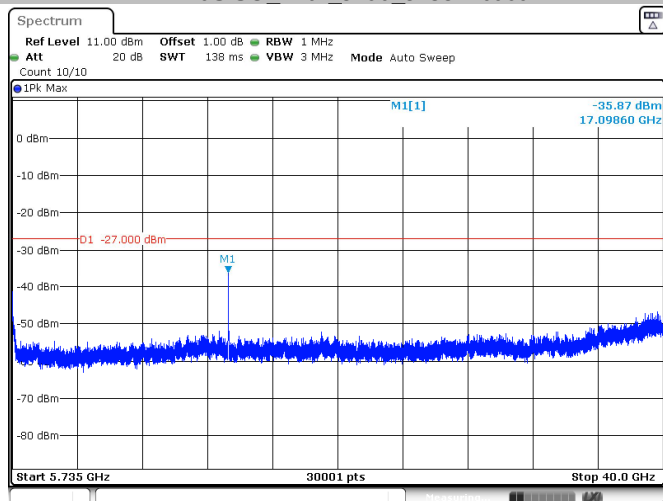


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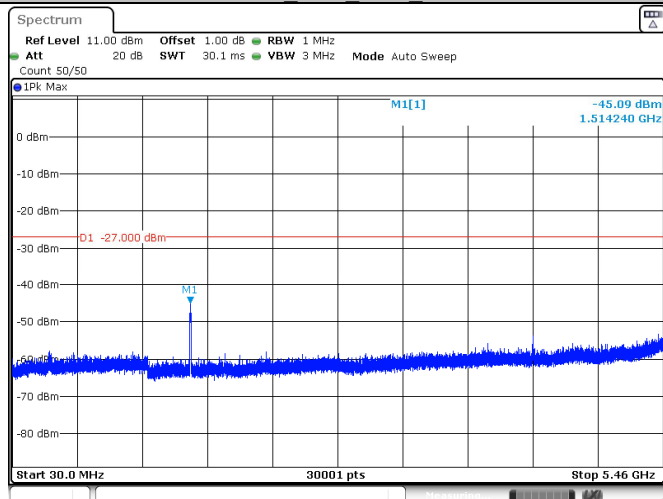
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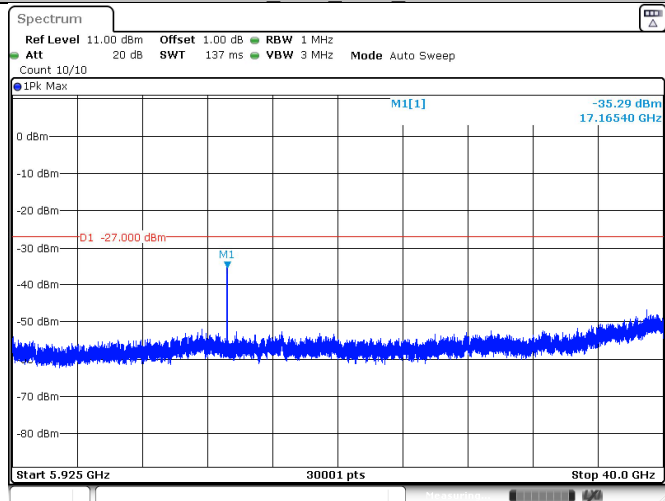
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11N20SISO_Ant1_5720_30-5460



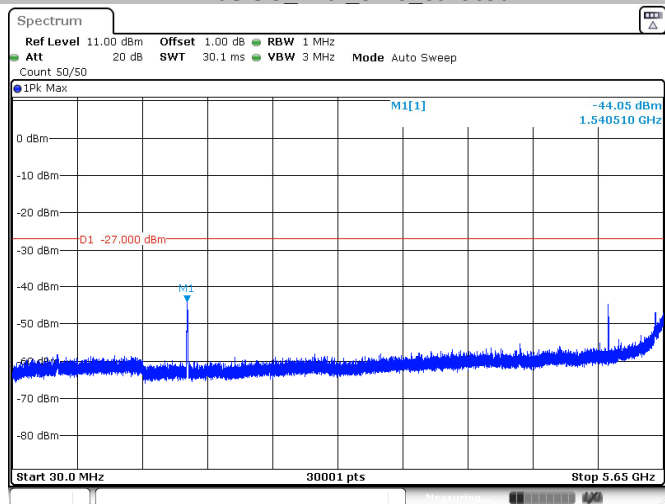
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11N20SISO Ant1 5720 5925~40000



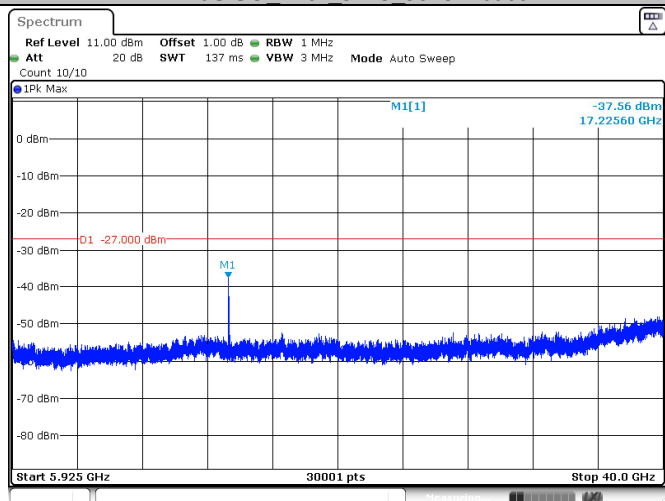
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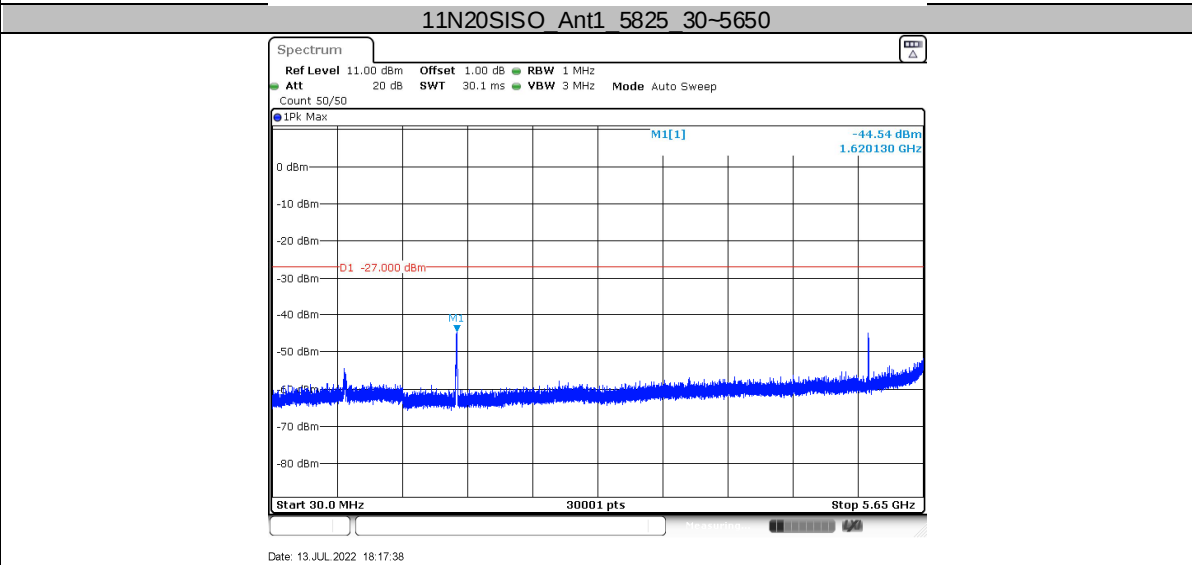
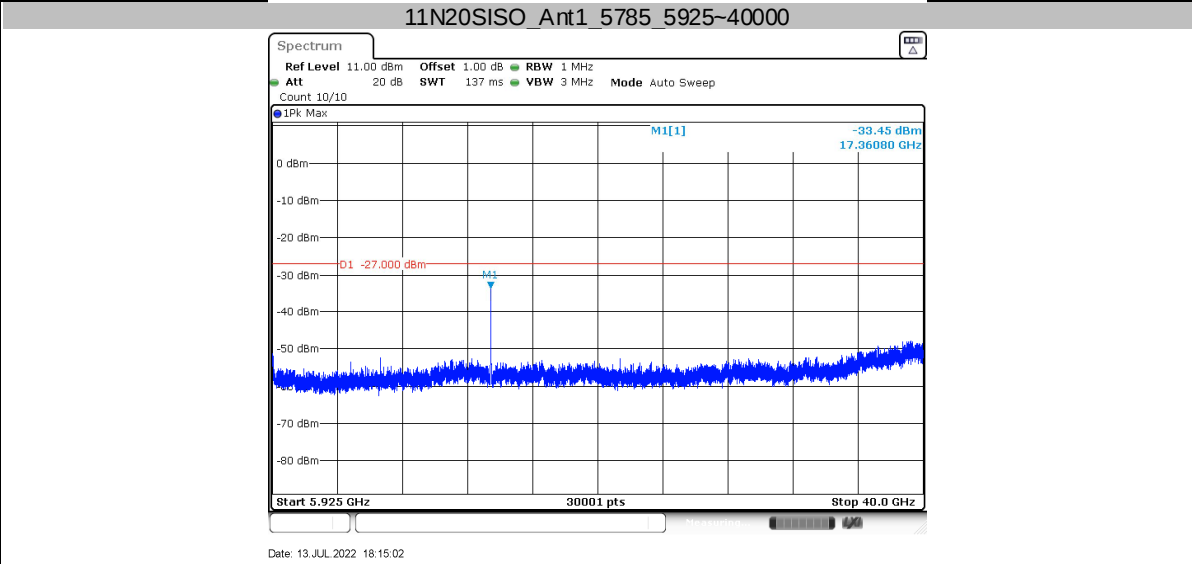
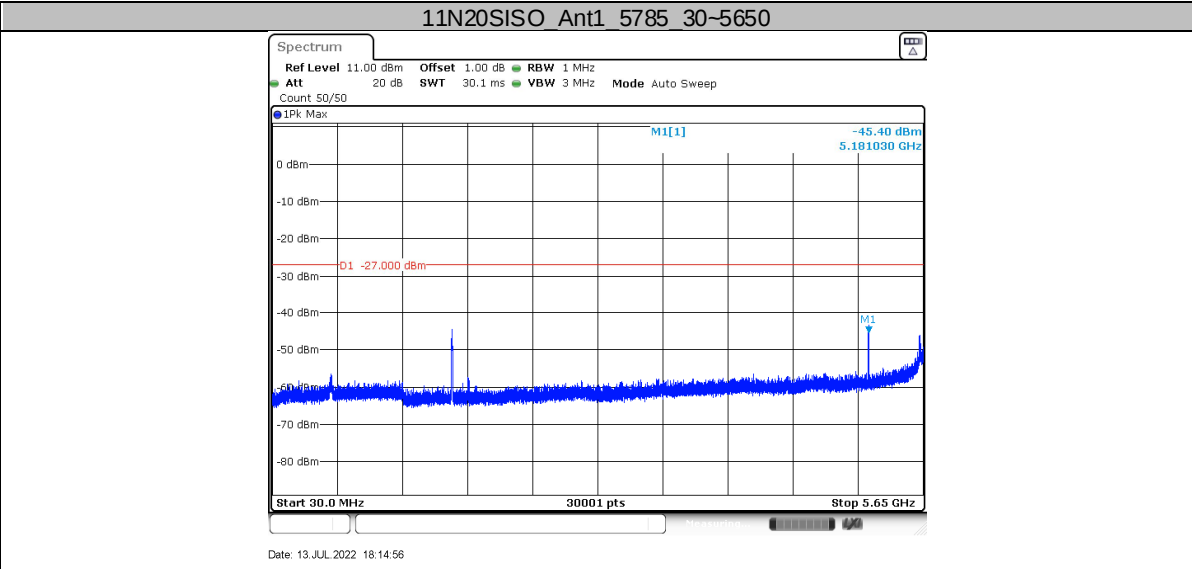


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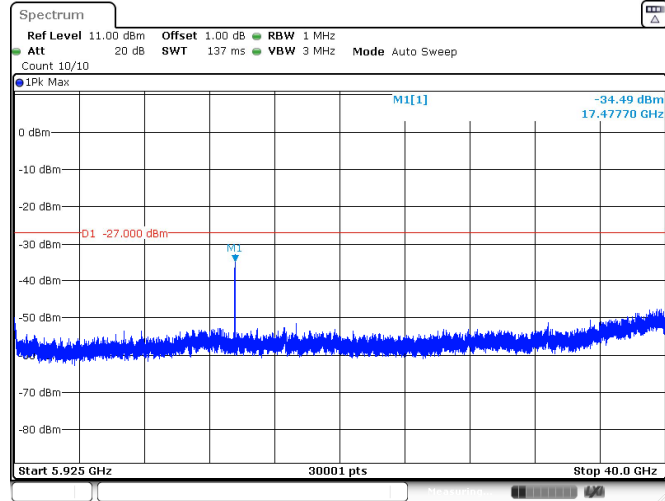
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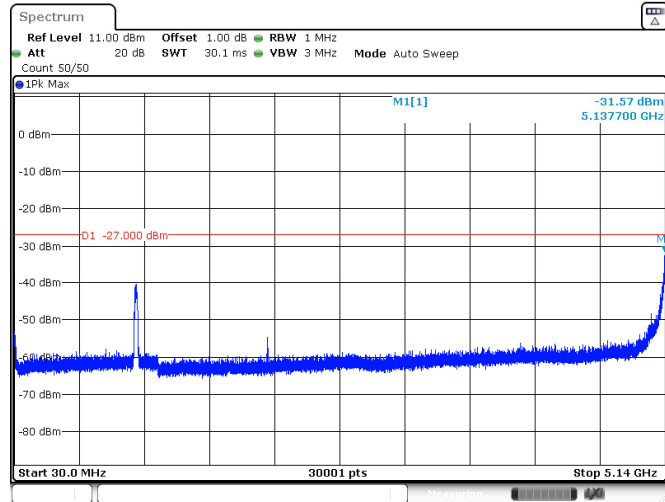


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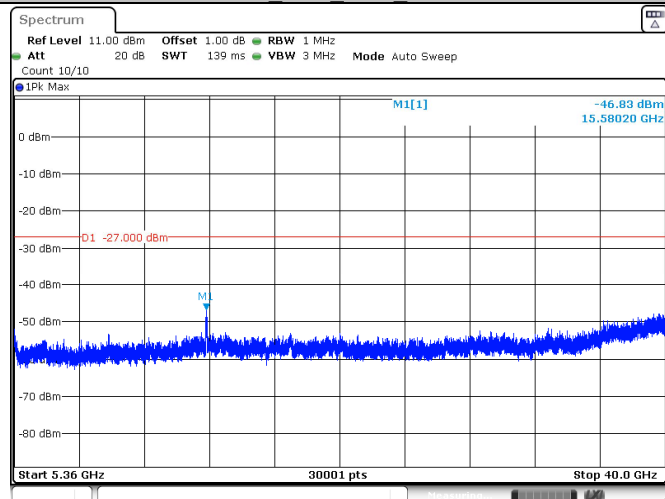
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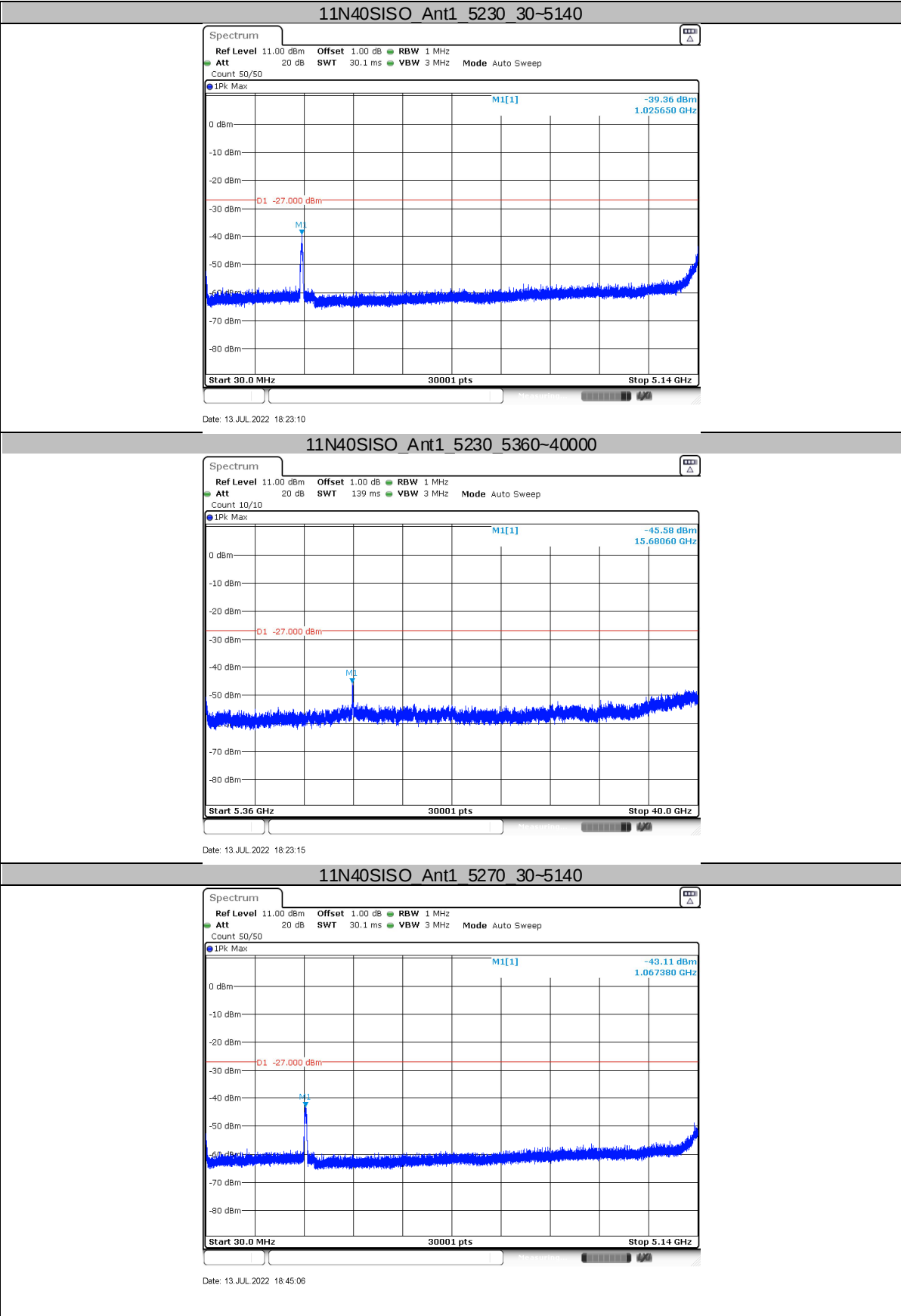


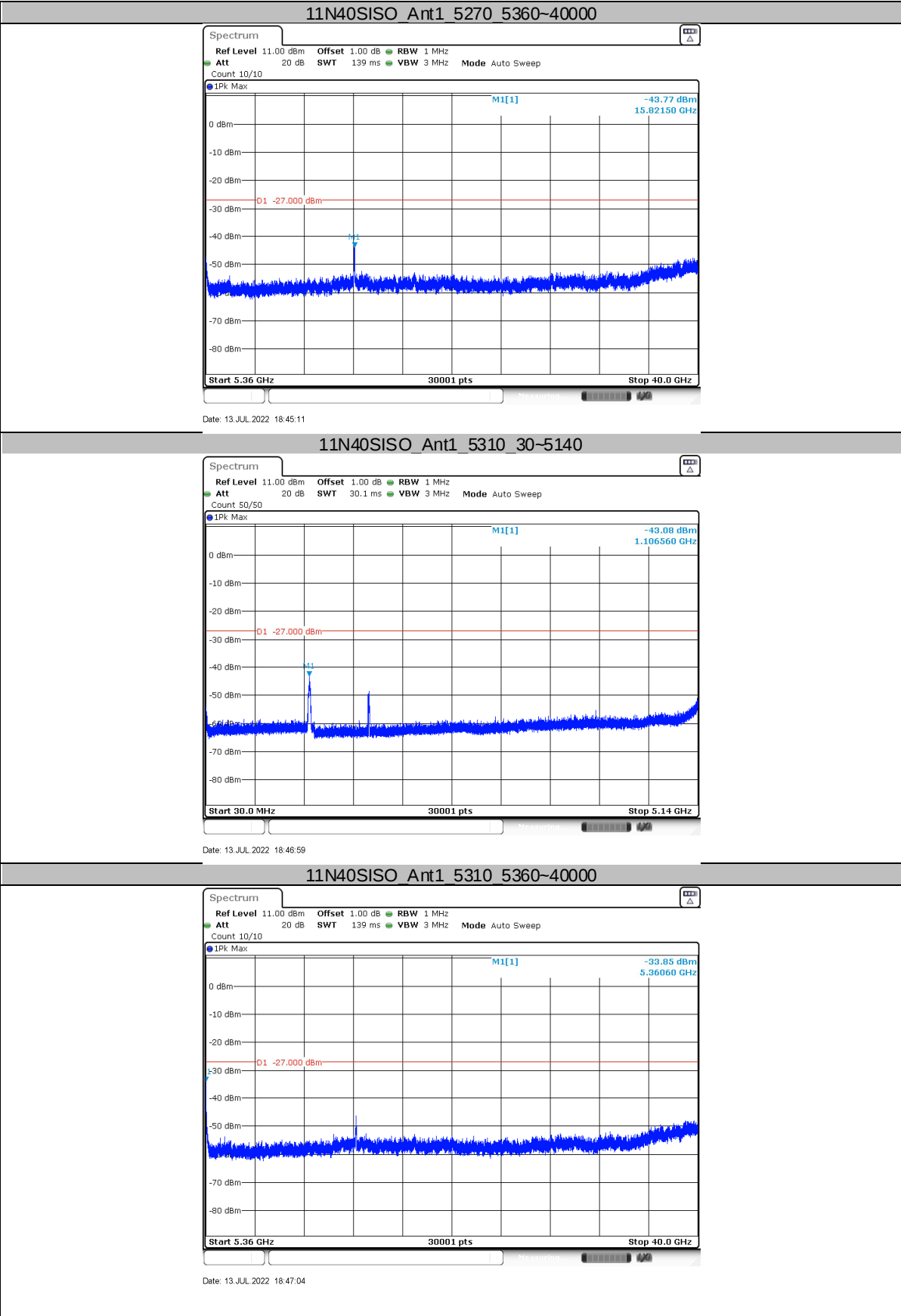
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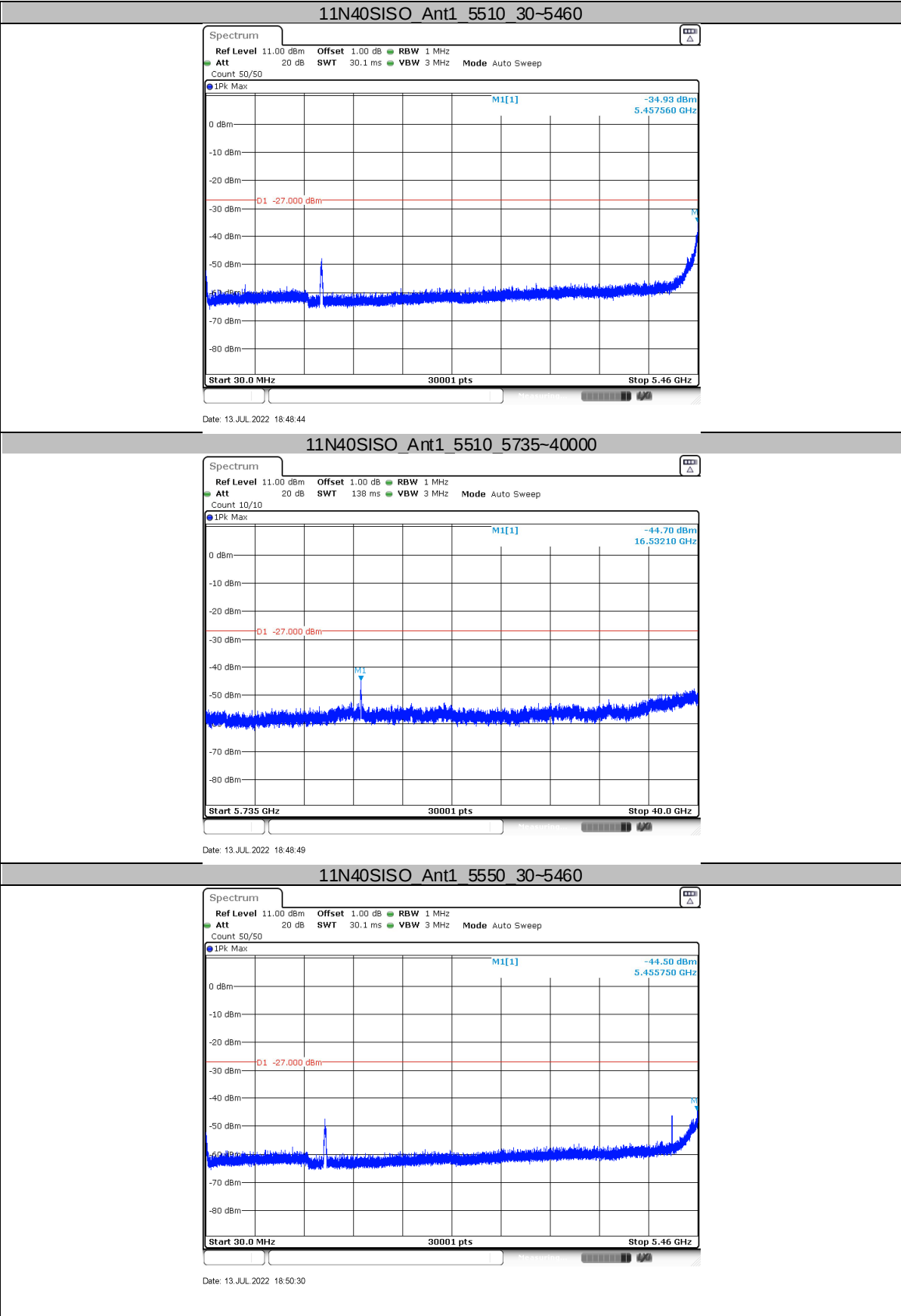
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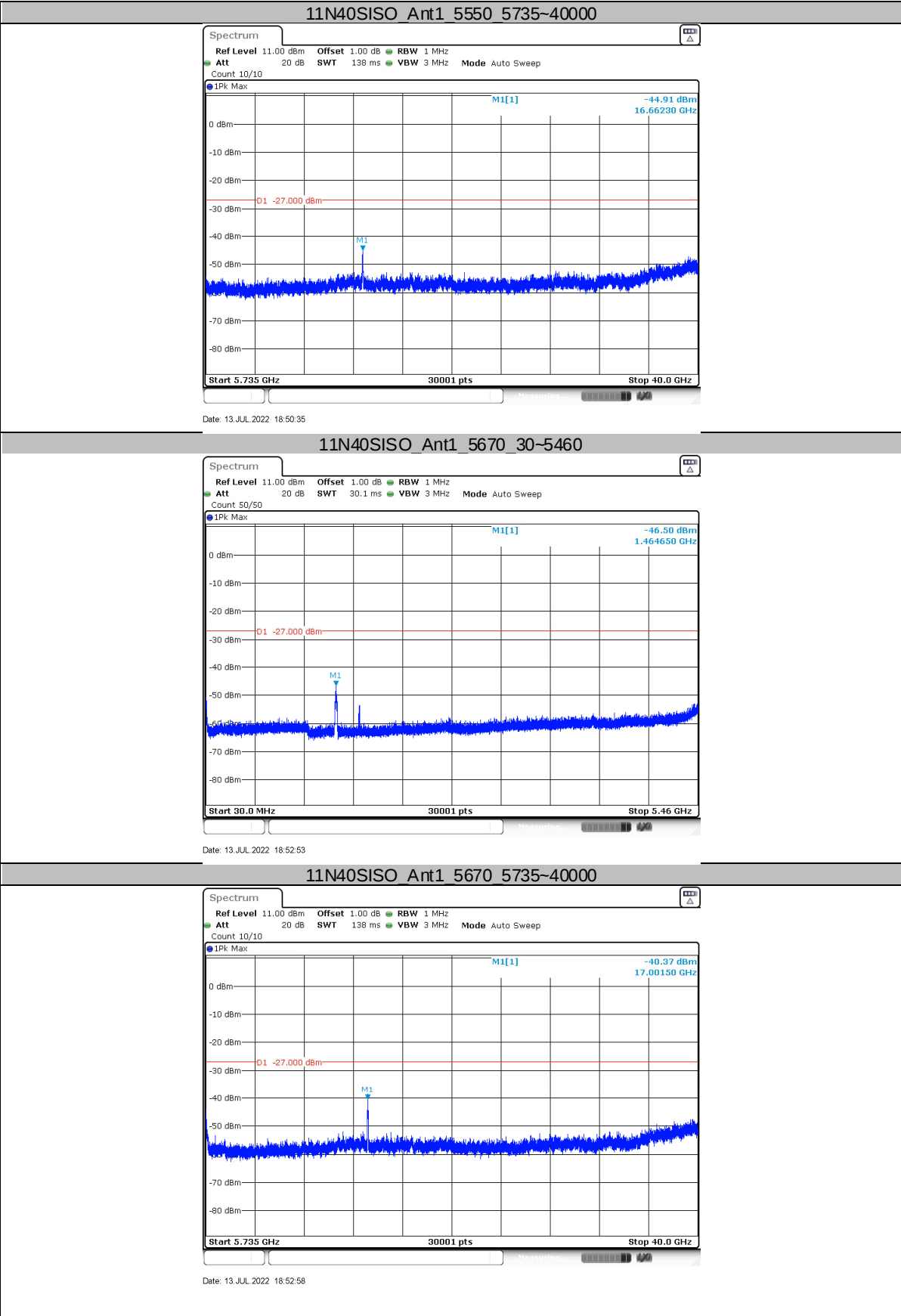


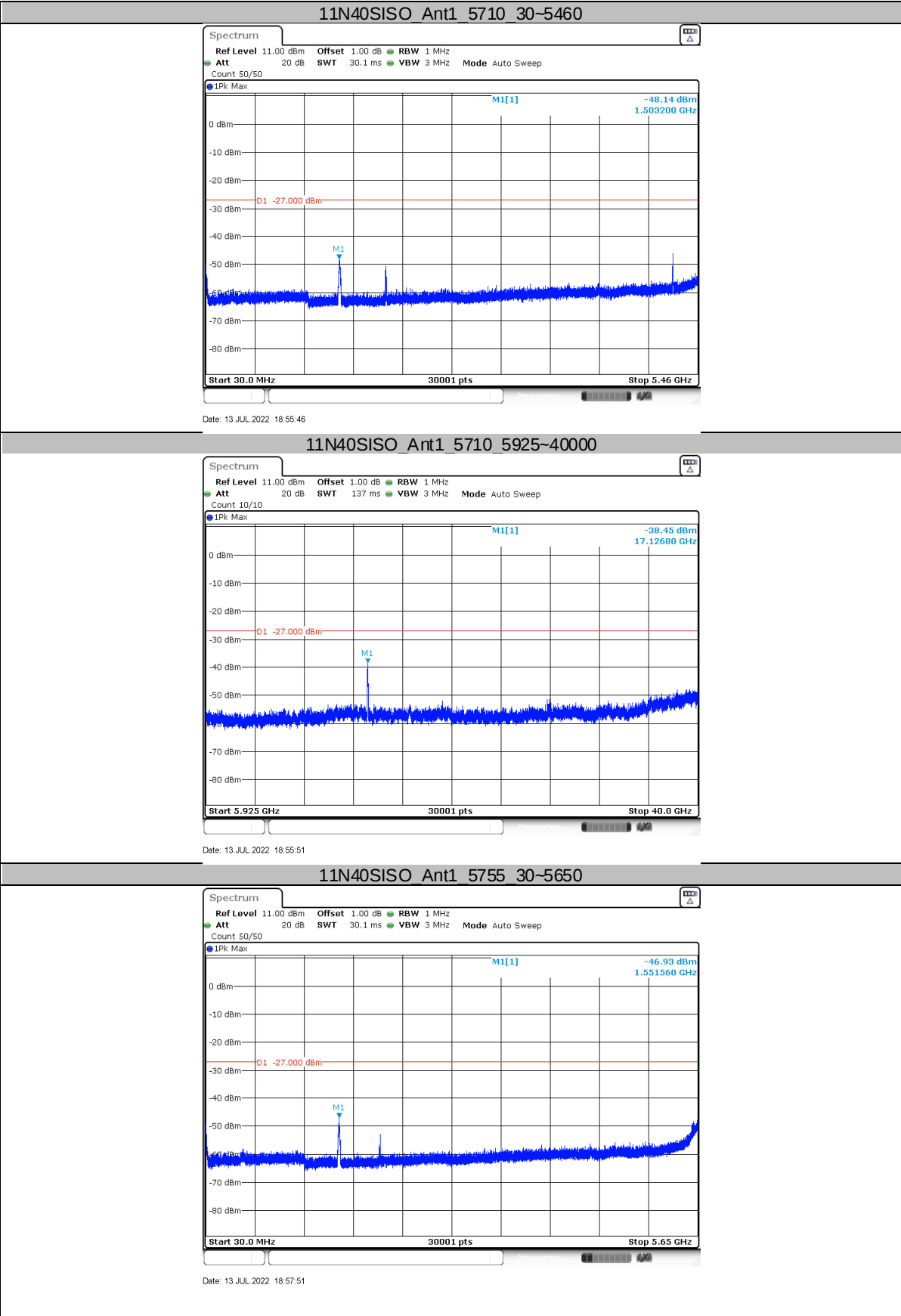
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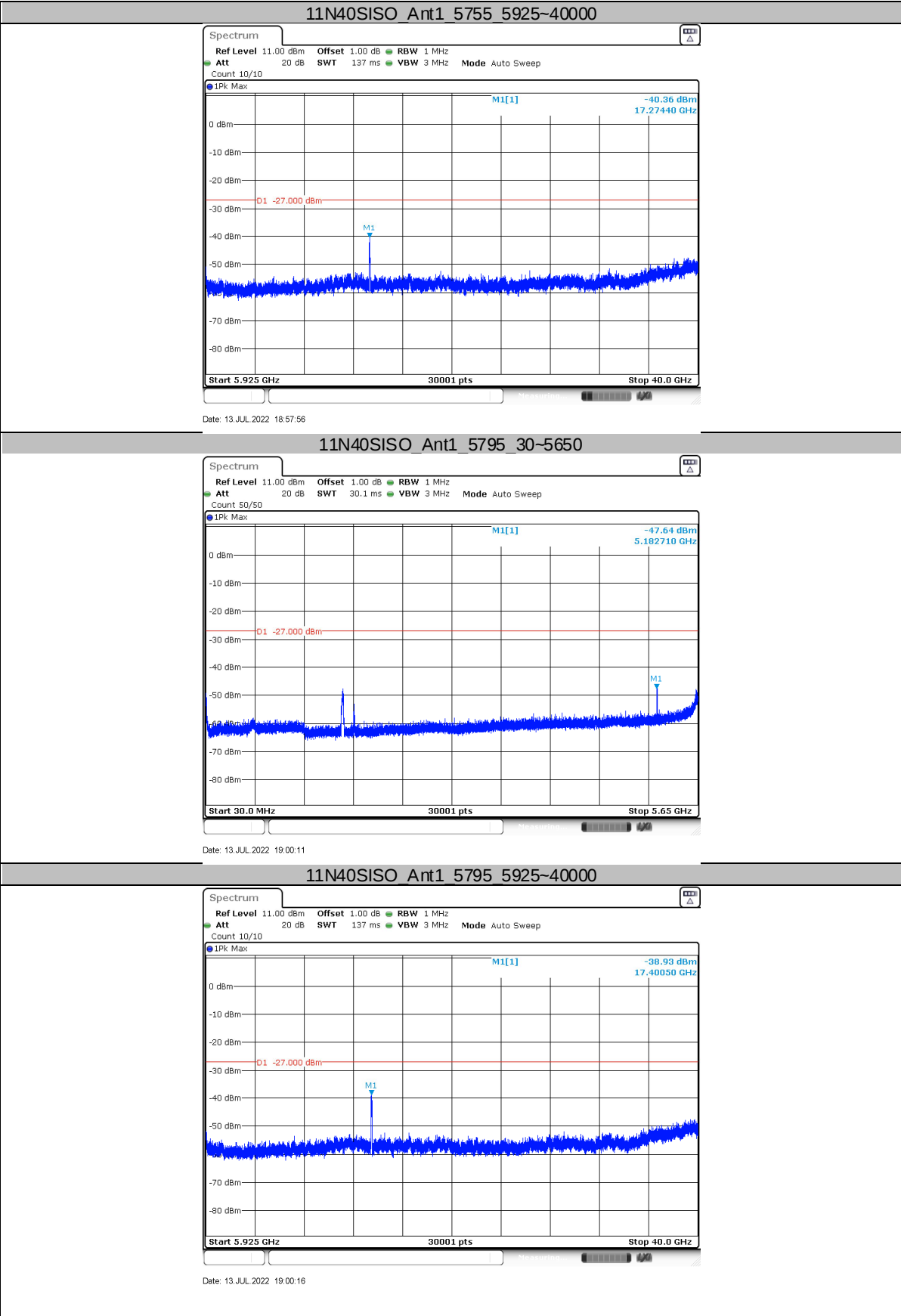




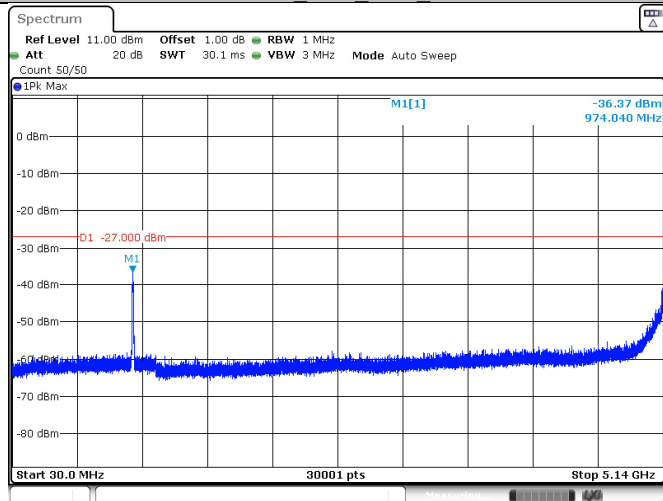






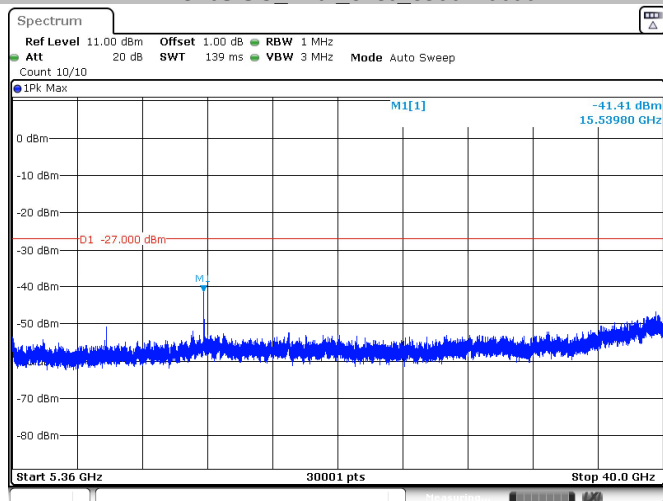


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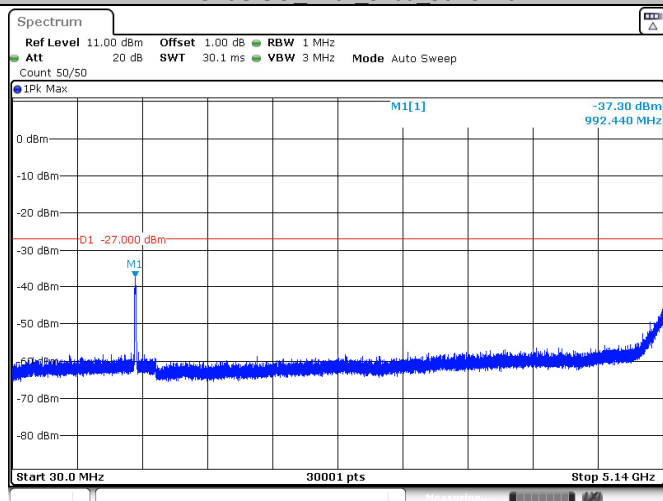
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11AC20SISO Ant1 5180 5360~40000



Date: 14 JUL 2022 10:36:17

11AC20SISO Ant1 5200 30~5140



Date: 14 JUL 2022 10:37:46

