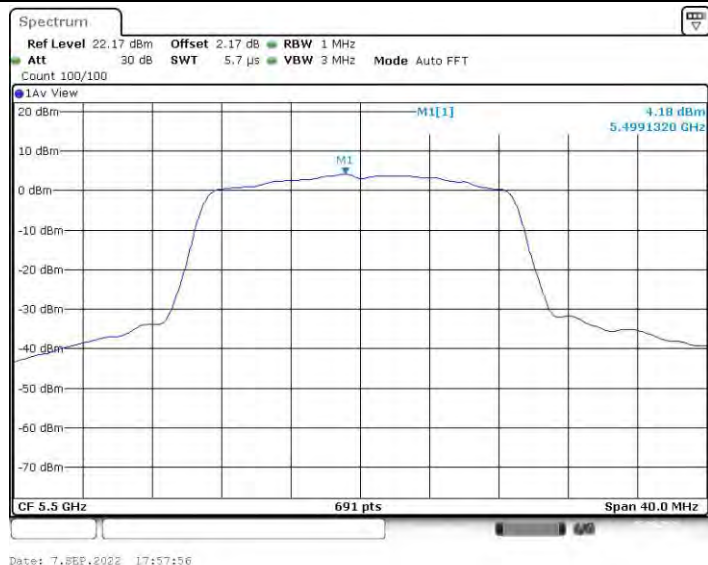
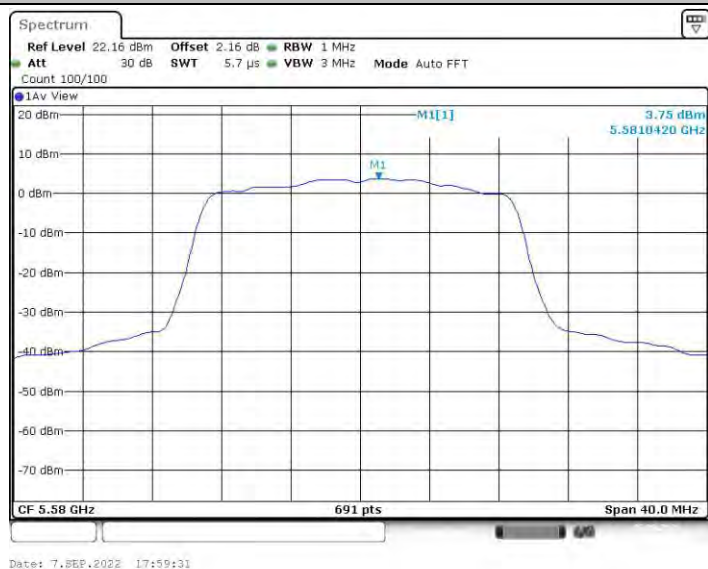
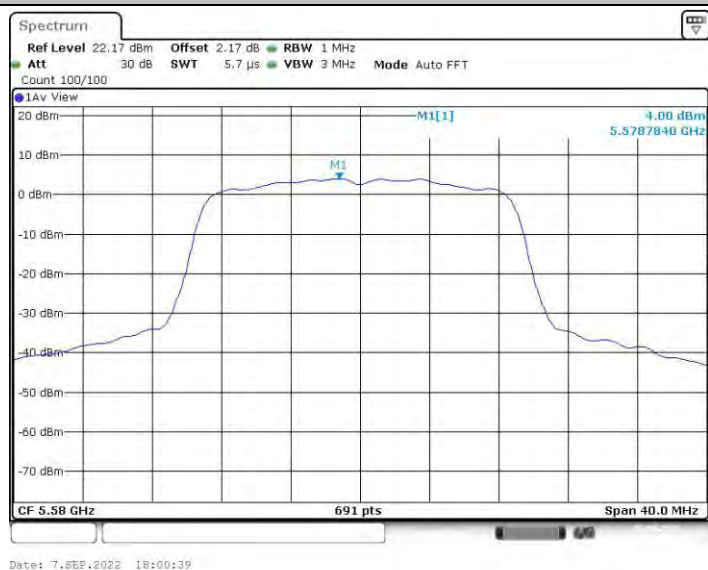




11N20MIMO_Ant1_5580

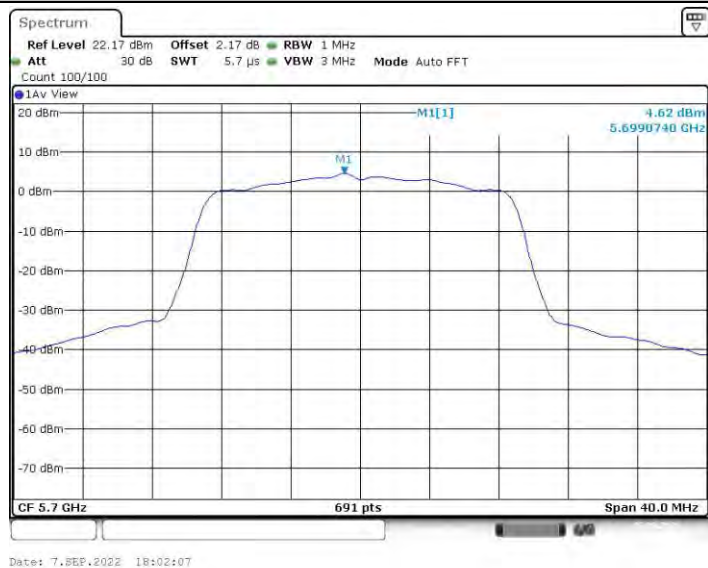


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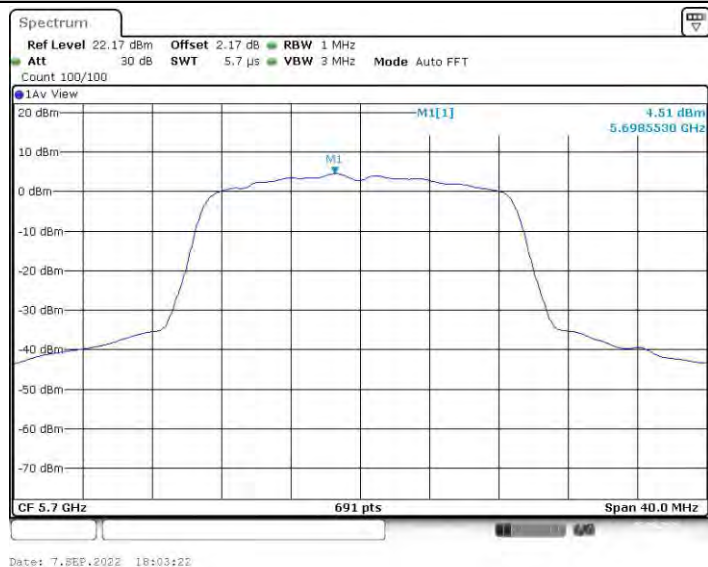




11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant1_5745



Date: 11.OCT.2022 16:57:01

11N20MIMO_Ant2_5745

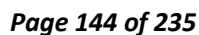


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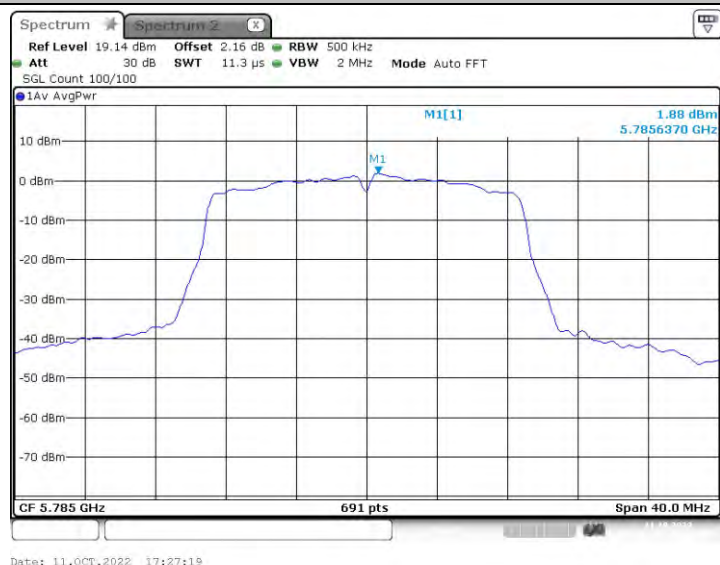
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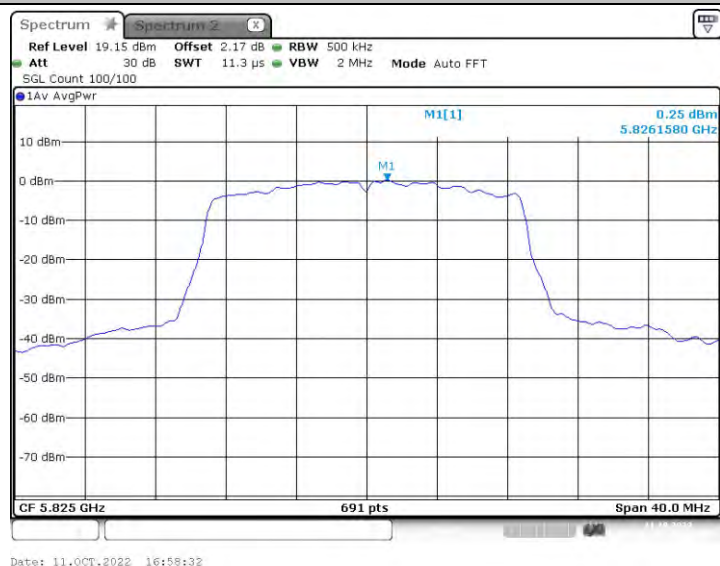
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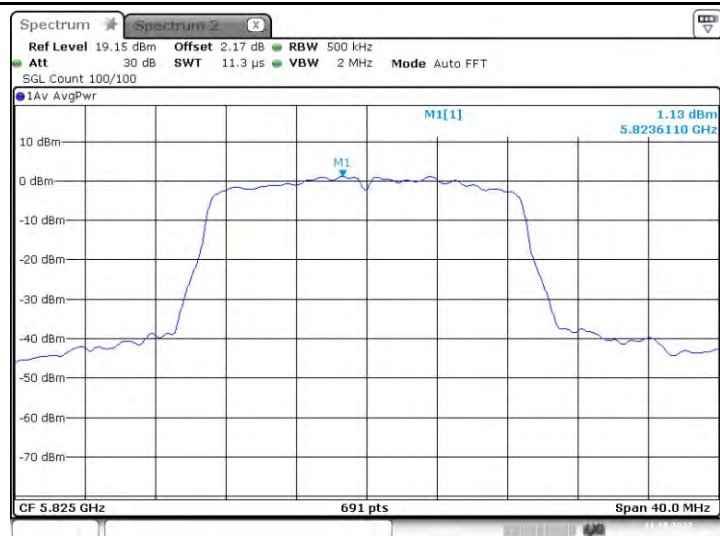
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11N20MIMO Ant1 5825

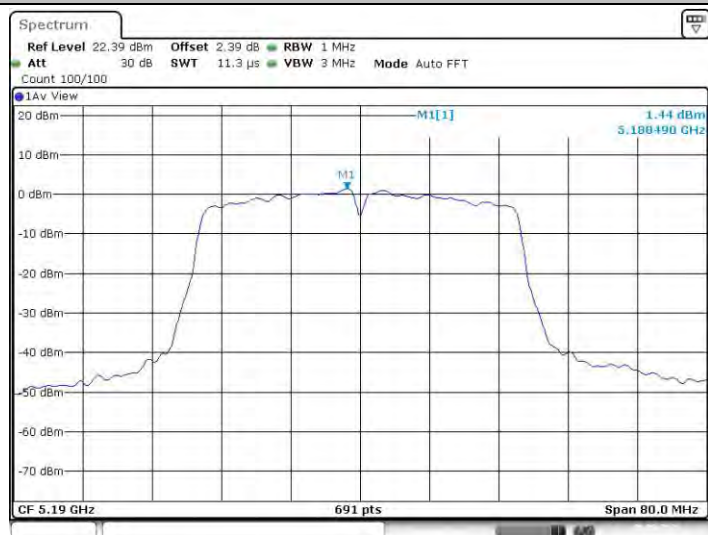


11N20MIMO_Ant2_5825



Date: 11.OCT.2022 17:26:34

11N40MIMO_Ant1_5190



Date: 8.SEP.2022 09:00:02

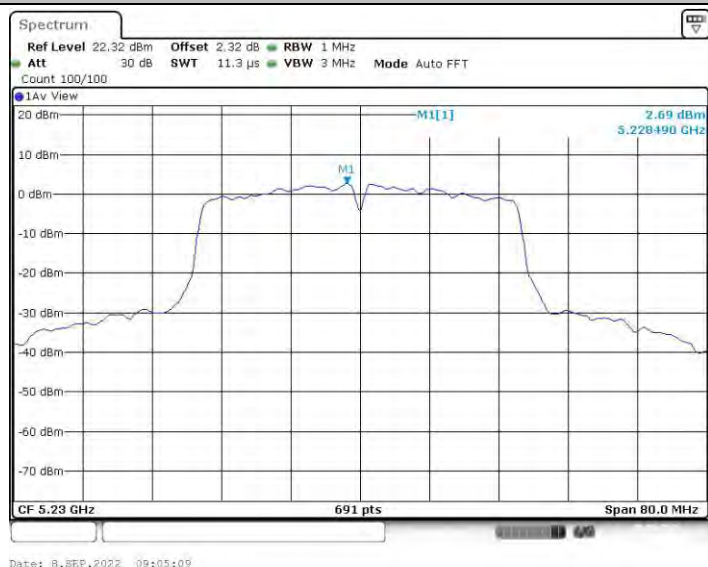
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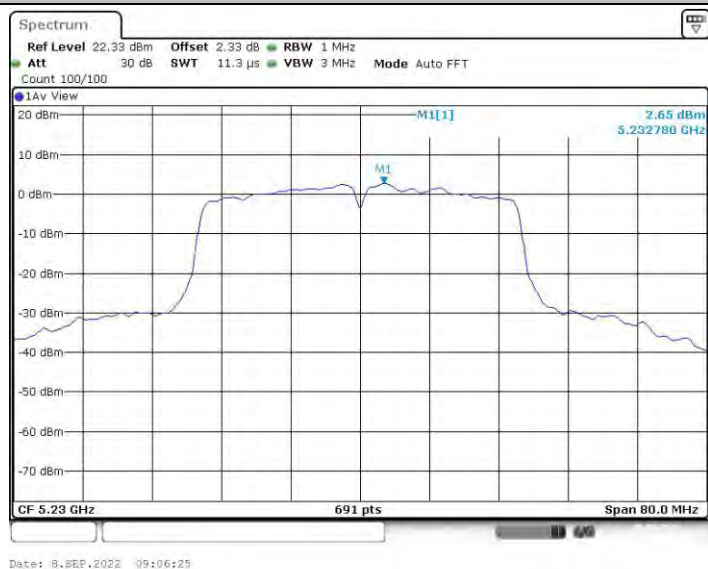
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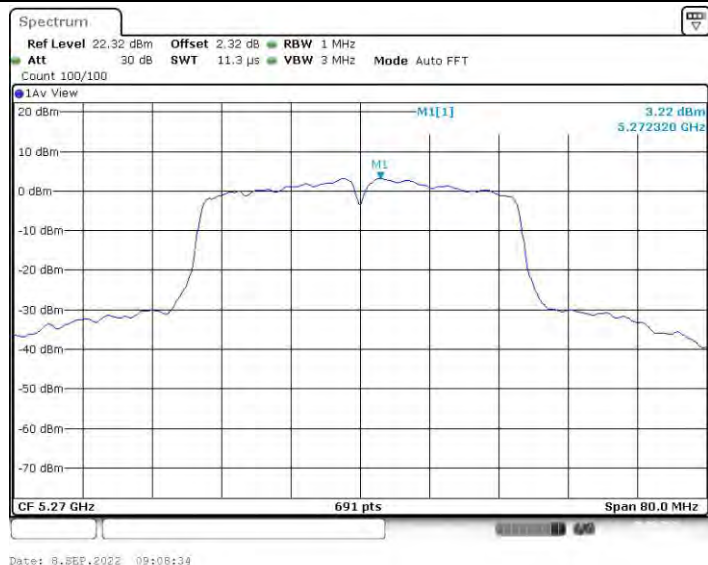
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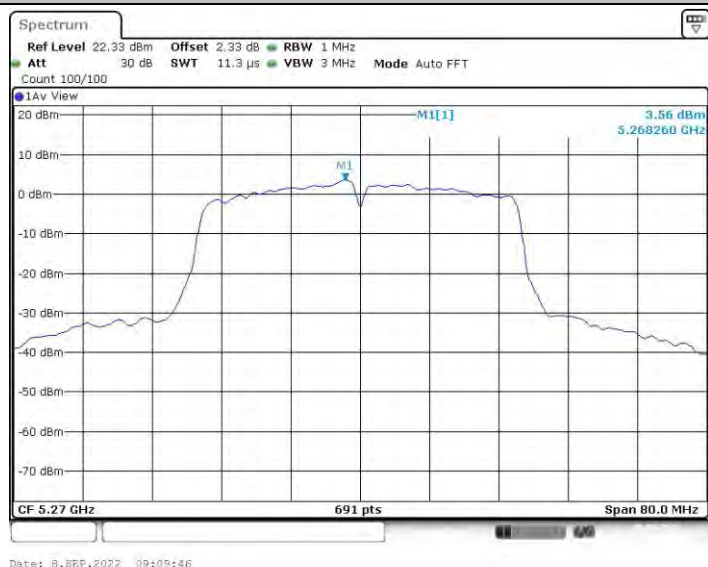
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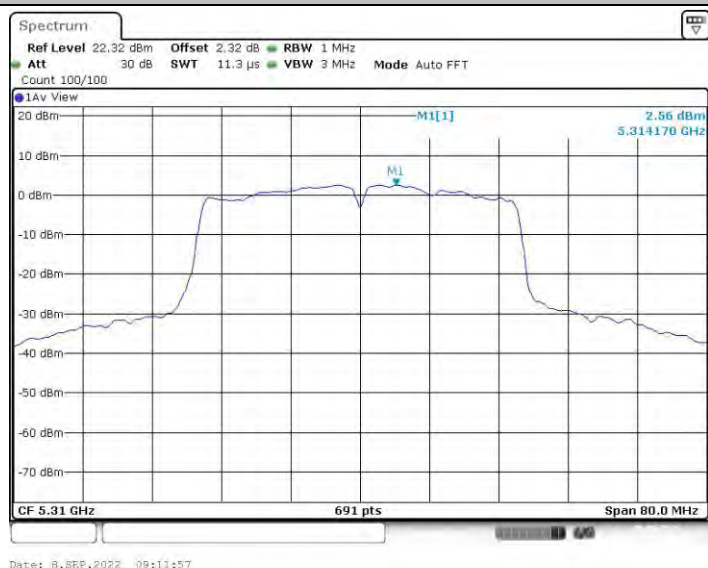
11N40MIMO_Ant1_5270



11N40MIMO_Ant2_5270

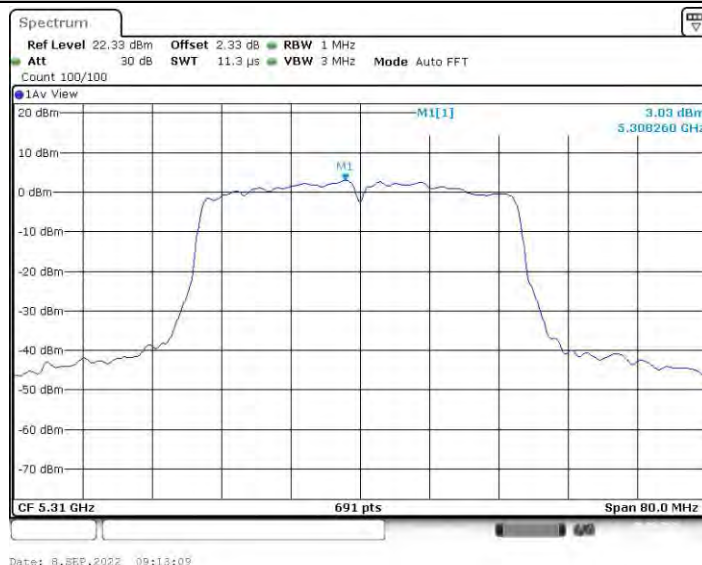


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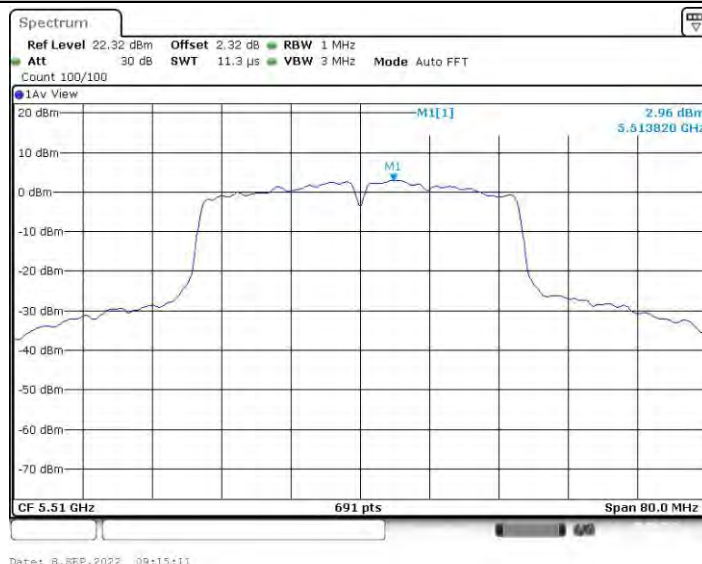




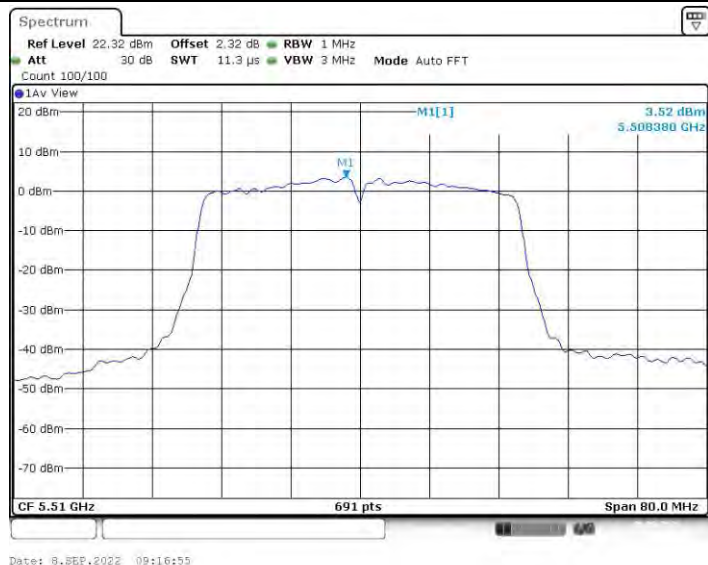
11N40MIMO_Ant2_5310



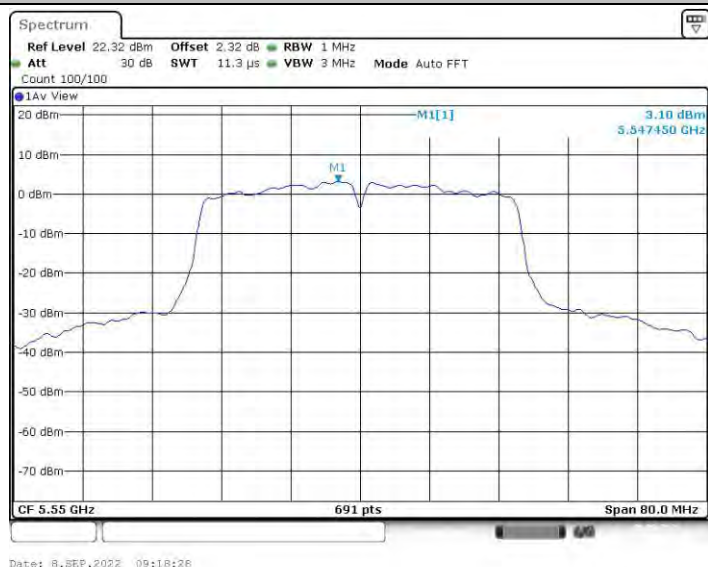
11N40MIMO_Ant1_5510



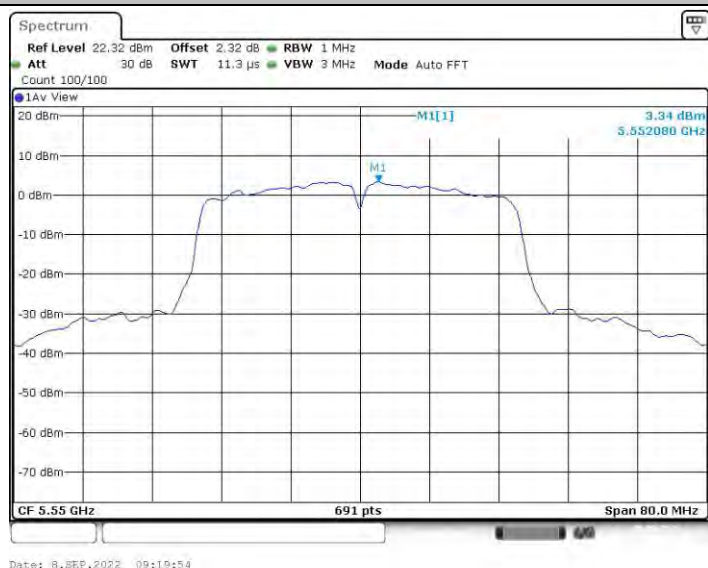
11N40MIMO_Ant2_5510



11N40MIMO_Ant1_5550

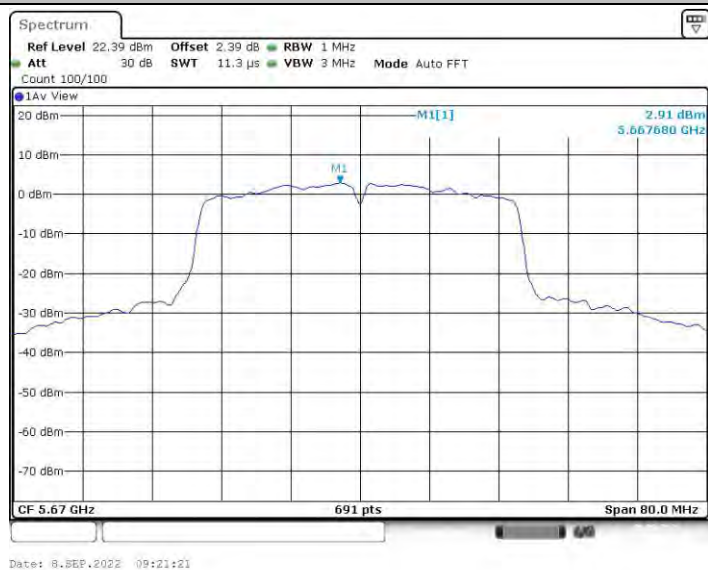


11N40MIMO_Ant2_5550





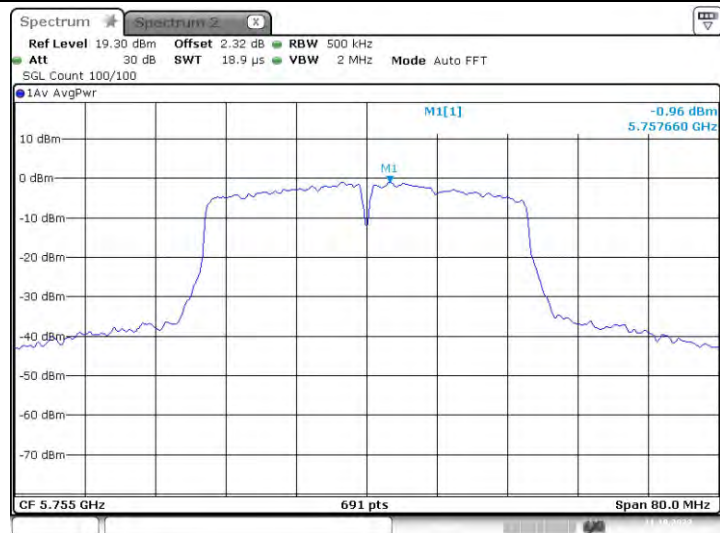
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11N40MIMO_Ant2_5670

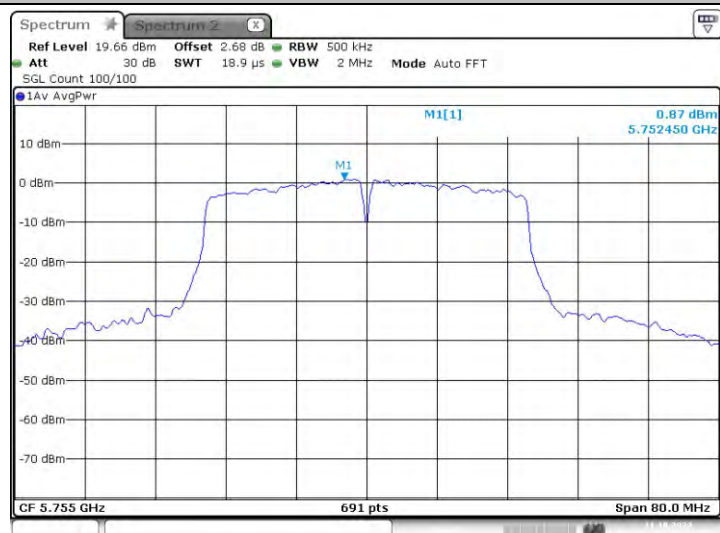


11N40MIMO_Ant1_5755



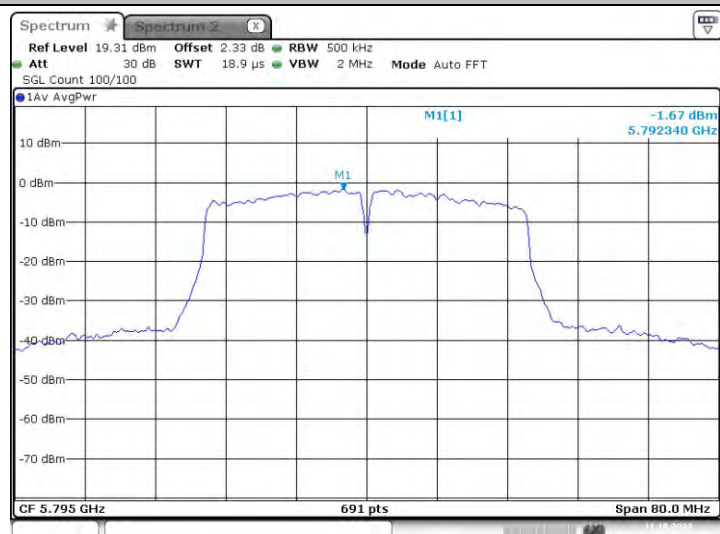
Date: 11.OCT.2022 16:59:50

11N40MIMO_Ant2_5755



Date: 11.OCT.2022 17:25:11

11N40MIMO_Ant1_5795



Date: 11.OCT.2022 17:00:59



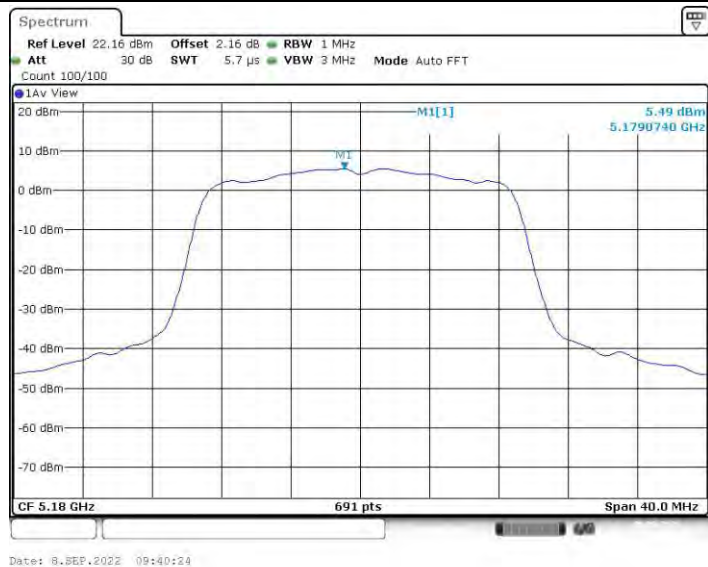
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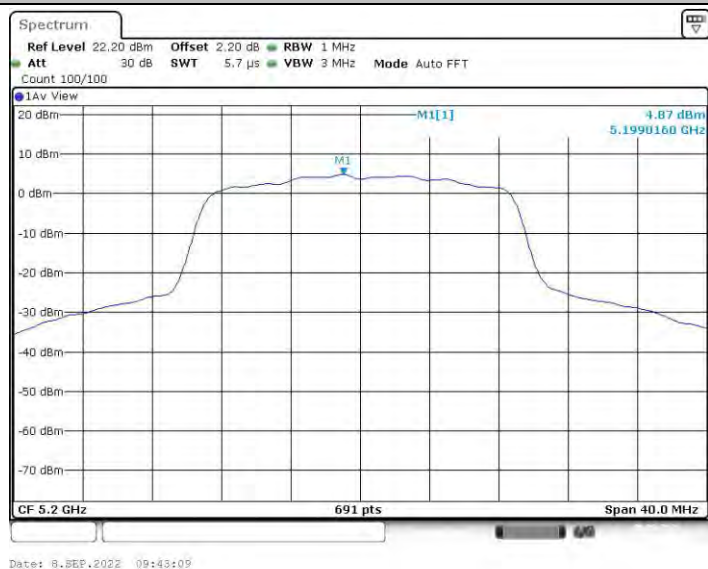
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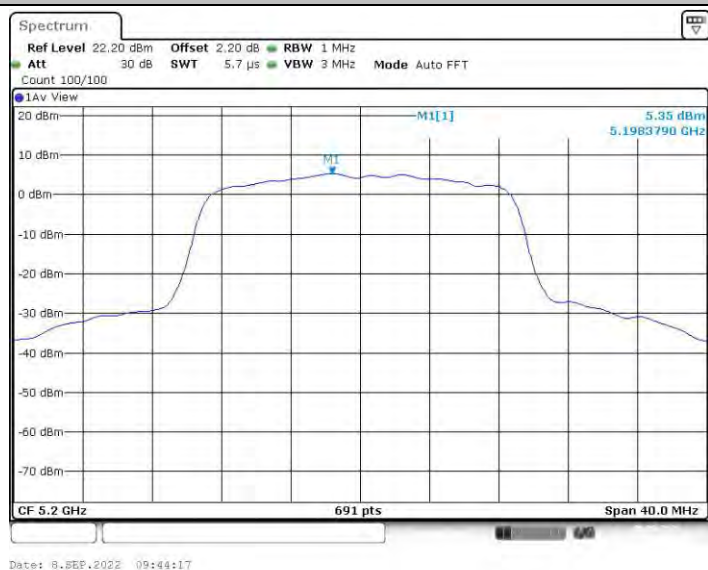
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11AC20MIMO_Ant1_5200

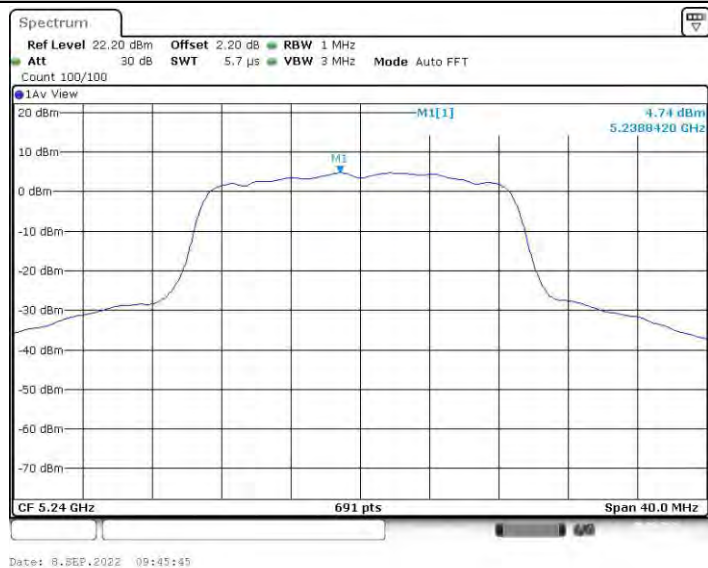


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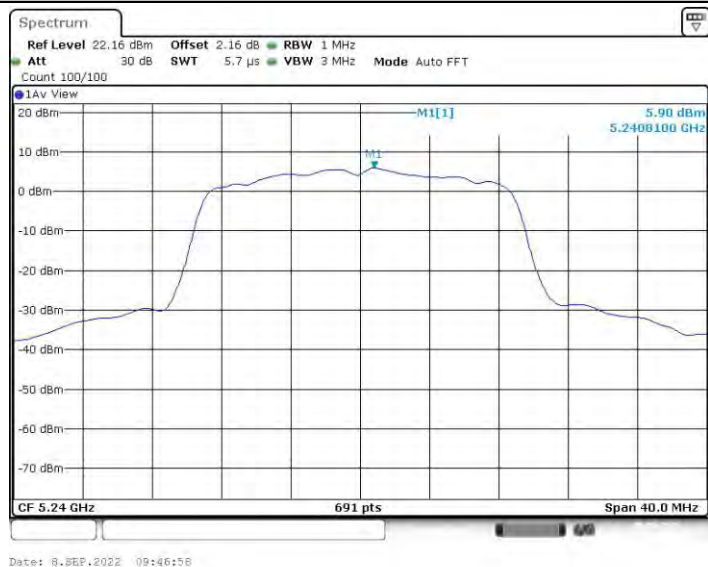




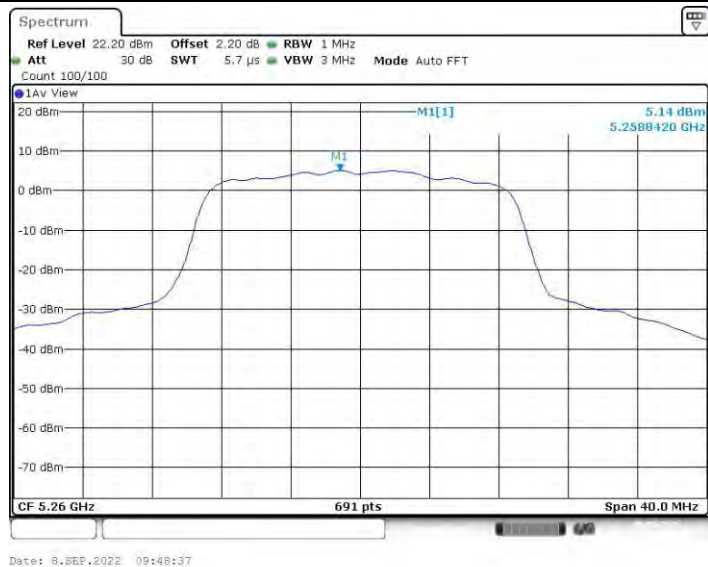
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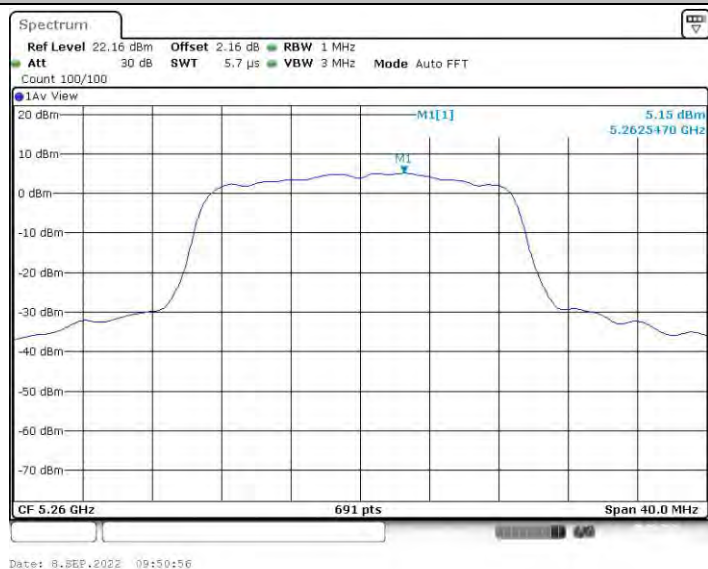
11AC20MIMO_Ant2_5240



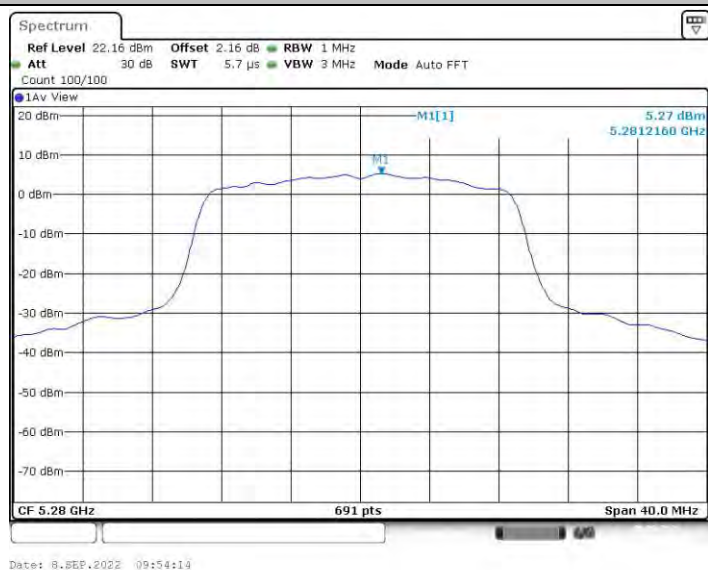
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11AC20MIMO_Ant2_5260

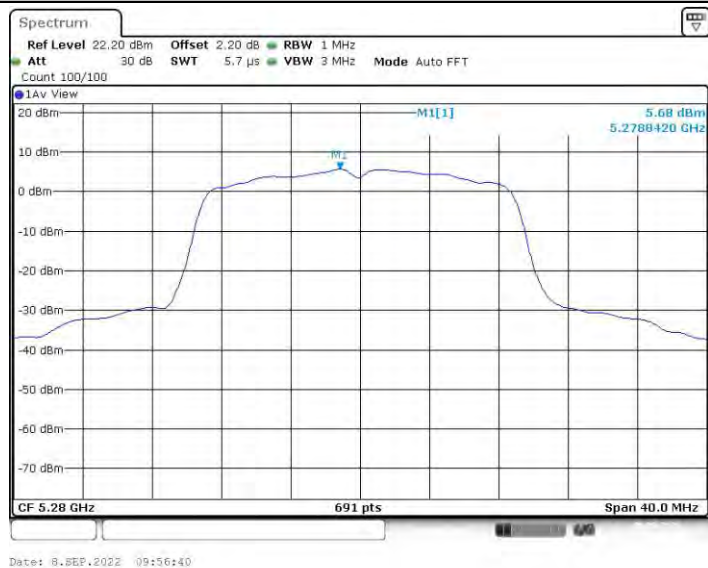


11AC20MIMO_Ant1_5280

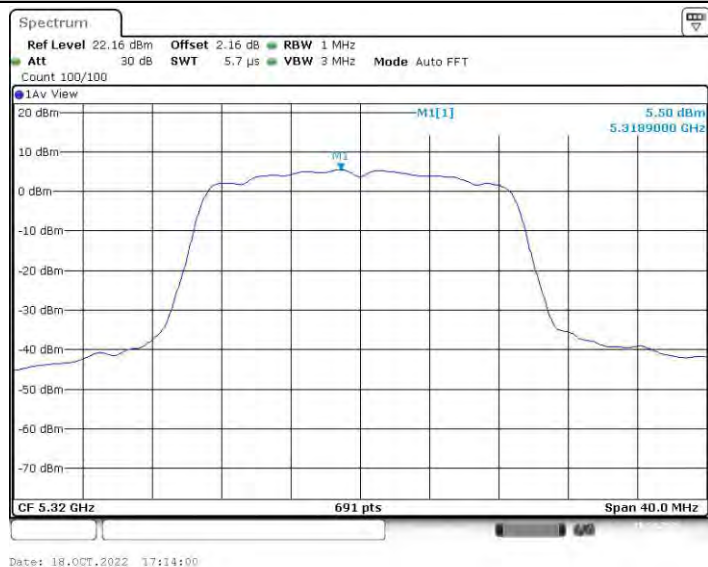




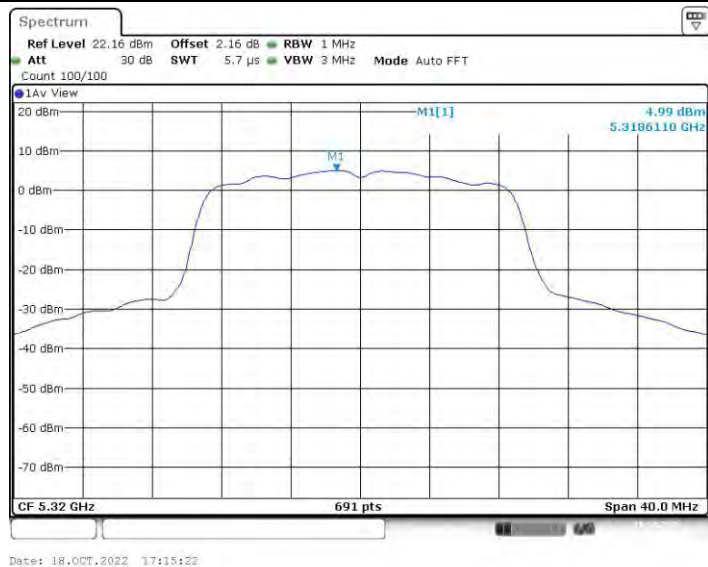
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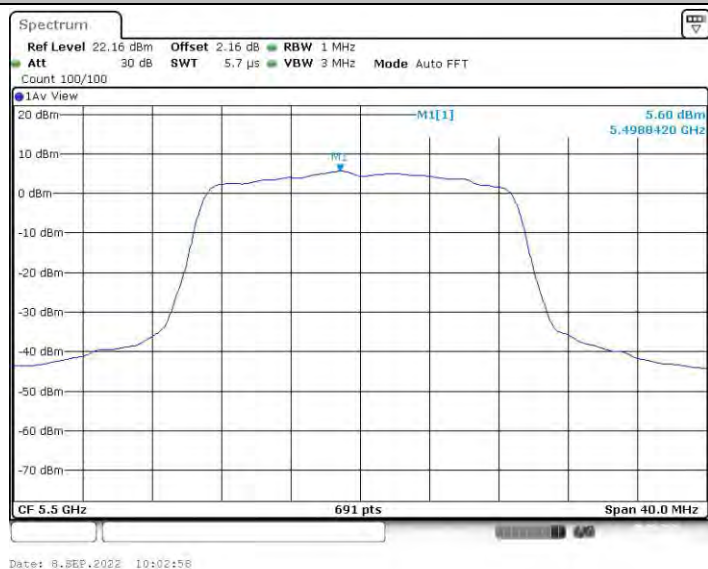
11AC20MIMO_Ant1_5320



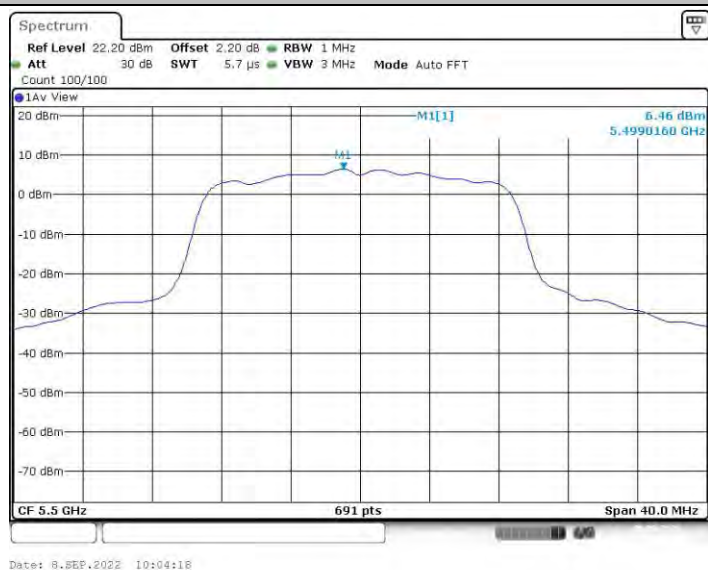
11AC20MIMO_Ant2_5320



11AC20MIMO_Ant1_5500

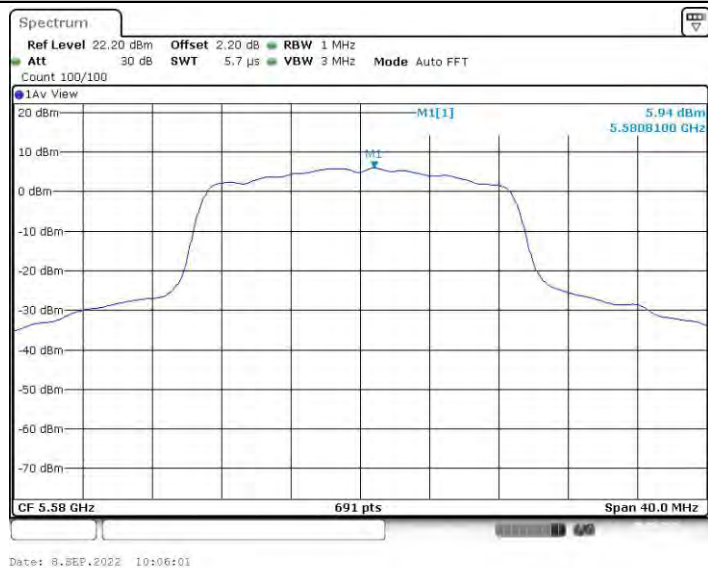


11AC20MIMO_Ant2_5500

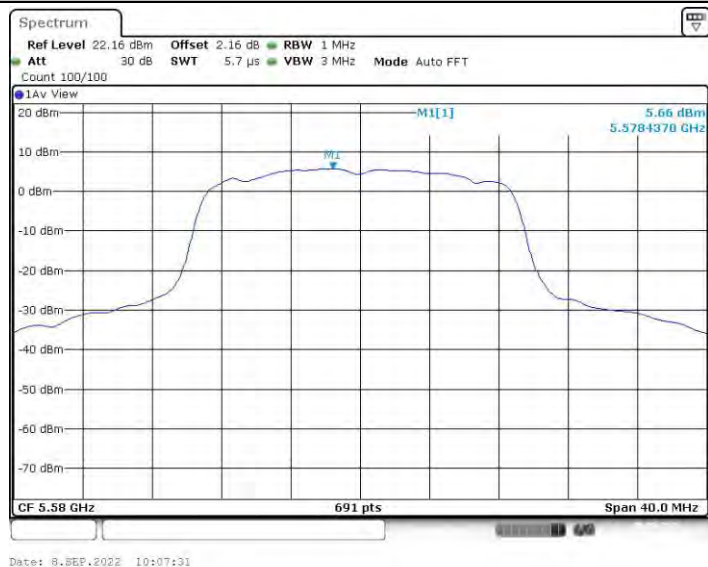




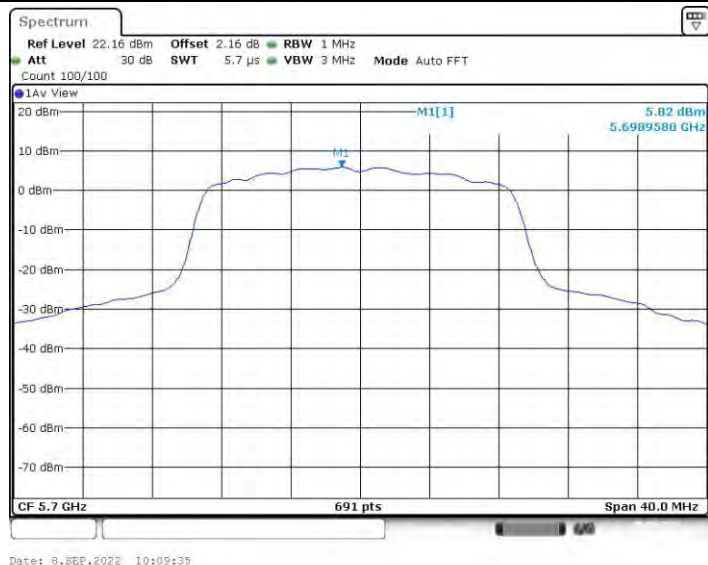
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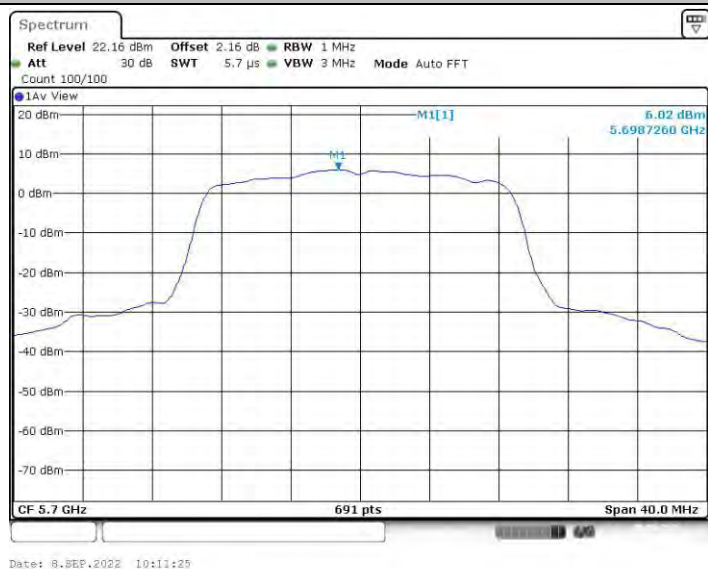
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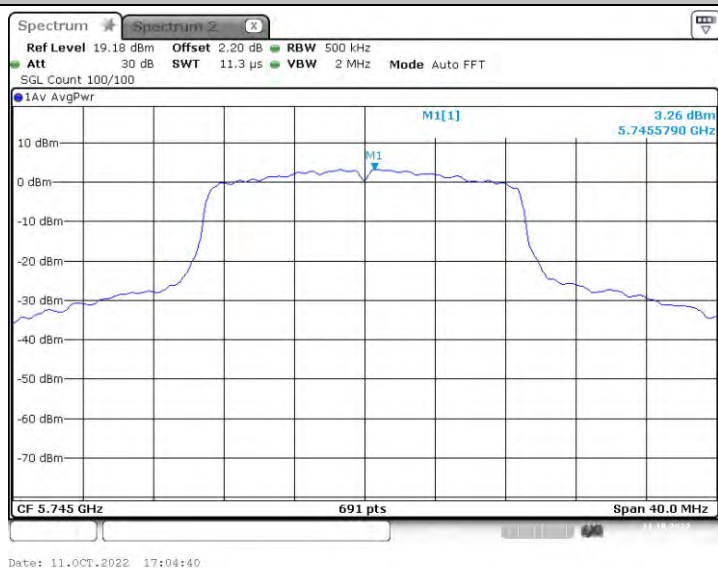
11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5745



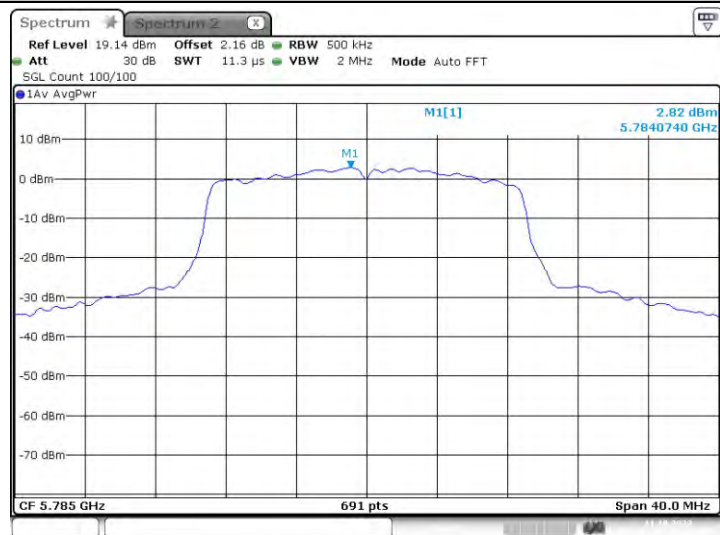


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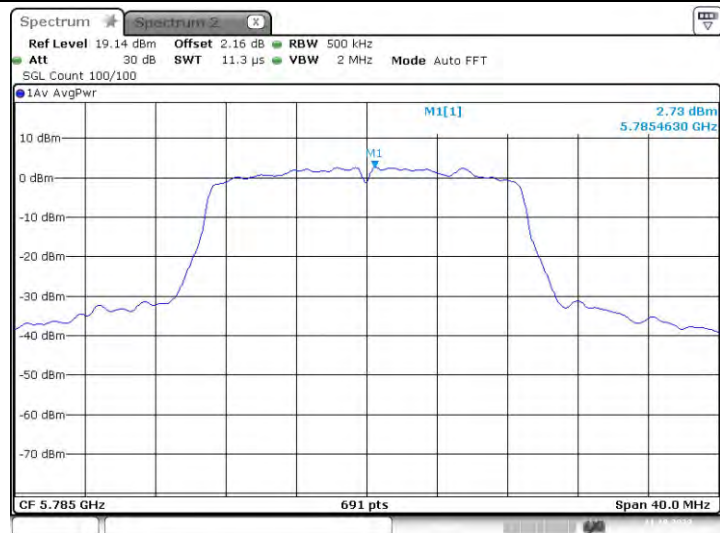
Date: 11.OCT.2022 17:22:55

11AC20MIMO_Ant1_5785



Date: 11.OCT.2022 17:05:51

11AC20MIMO_Ant2_5785



Date: 11.OCT.2022 17:37:46

11AC20MIMO_Ant1_5825



Date: 11.OCT.2022 17:06:35

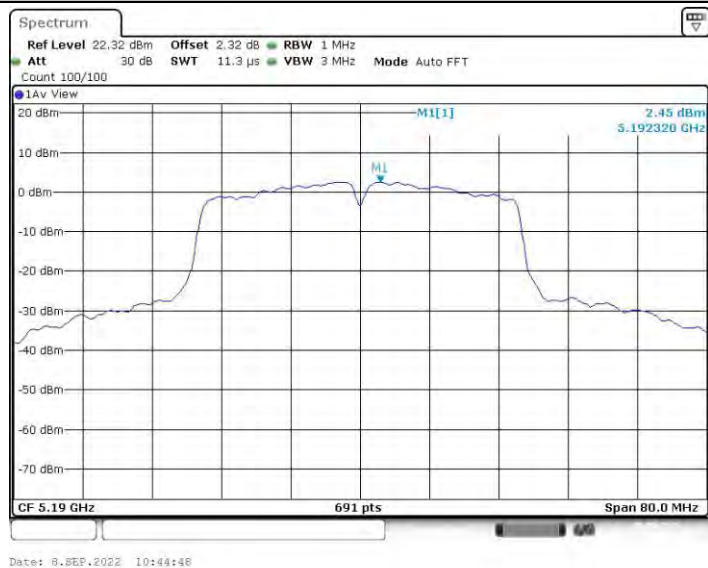
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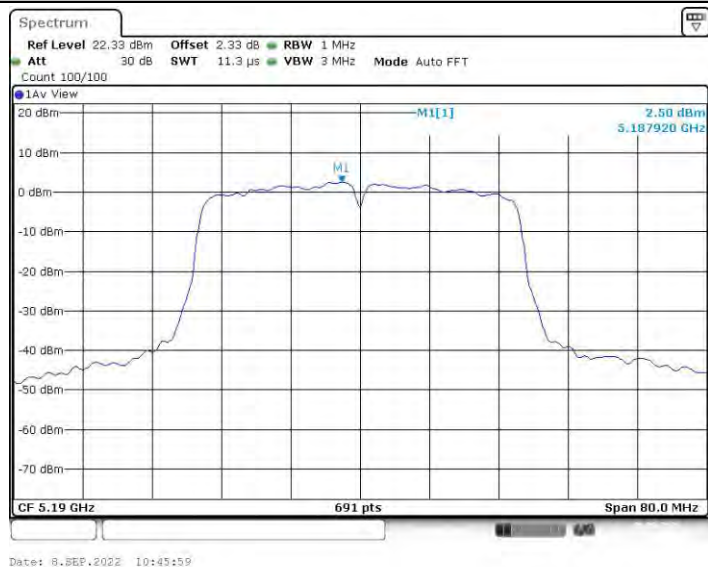
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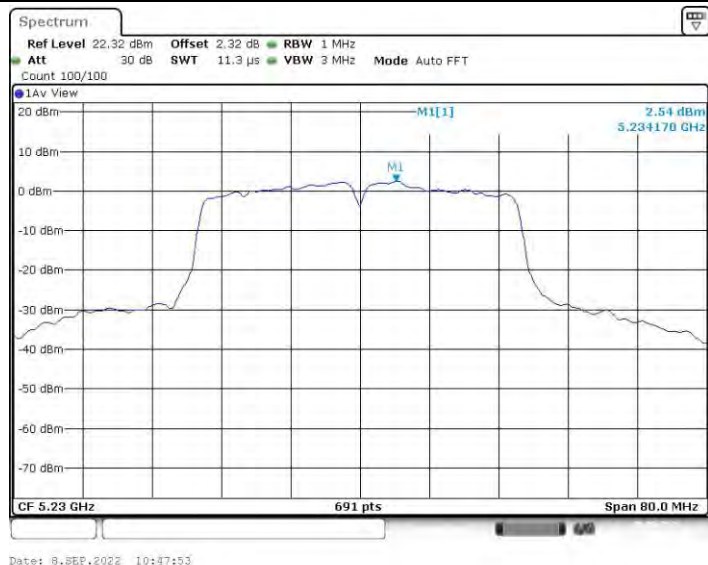
11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



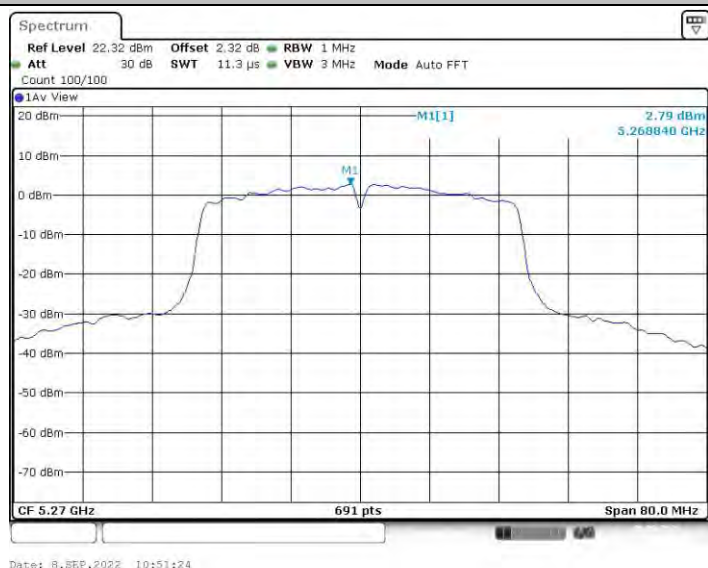
11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230

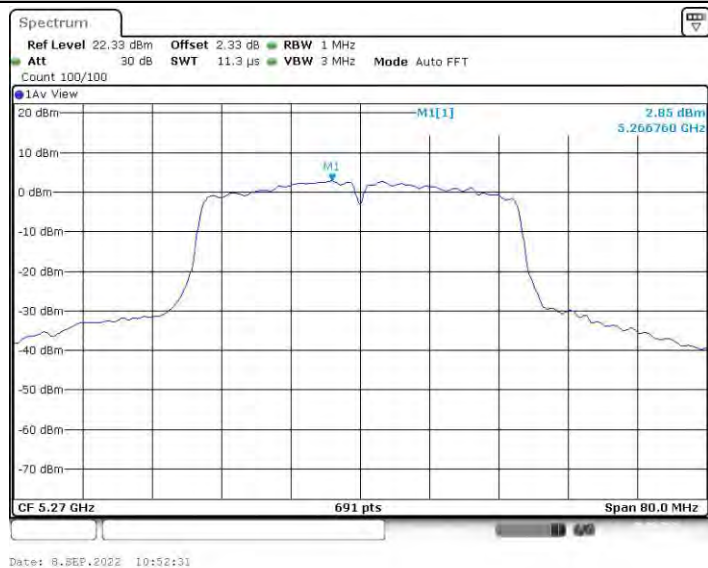


11AC40MIMO_Ant1_5270





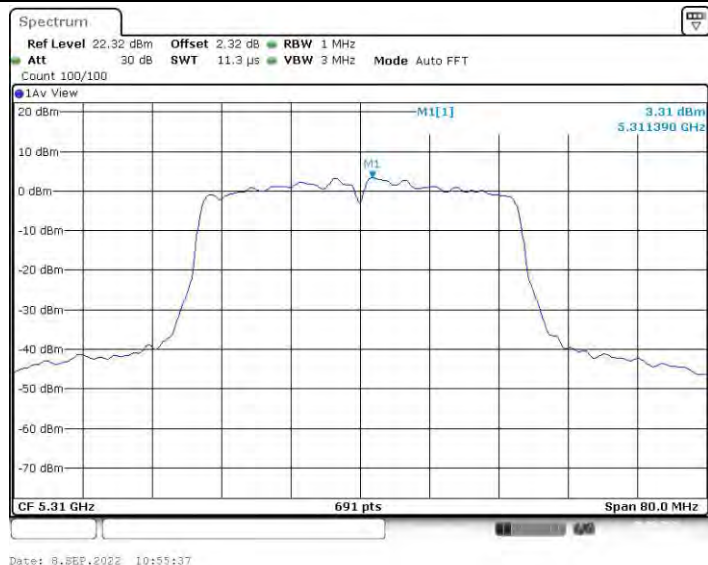
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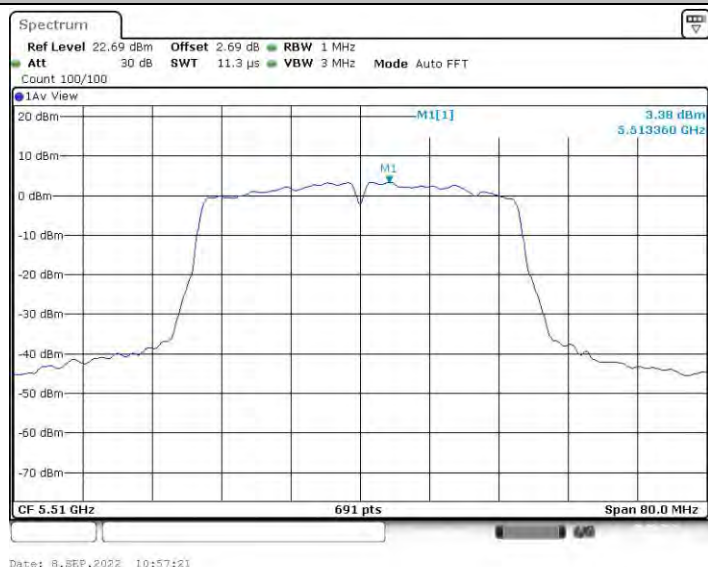
11AC40MIMO_Ant1_5310



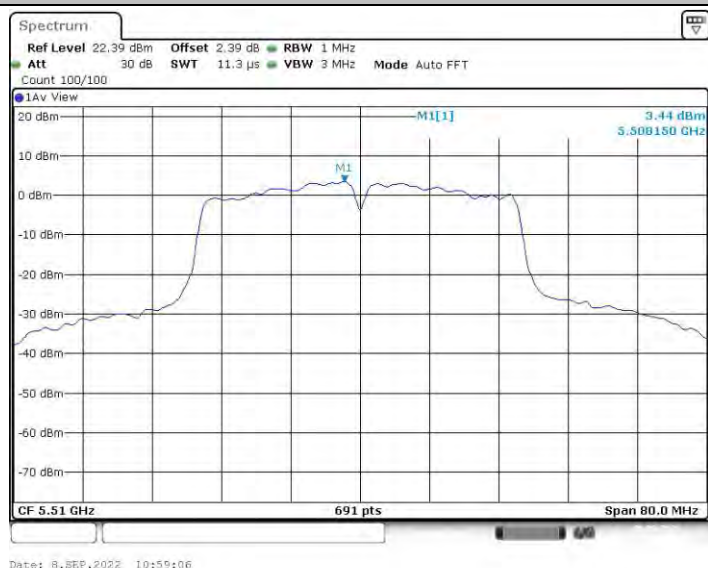
11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510

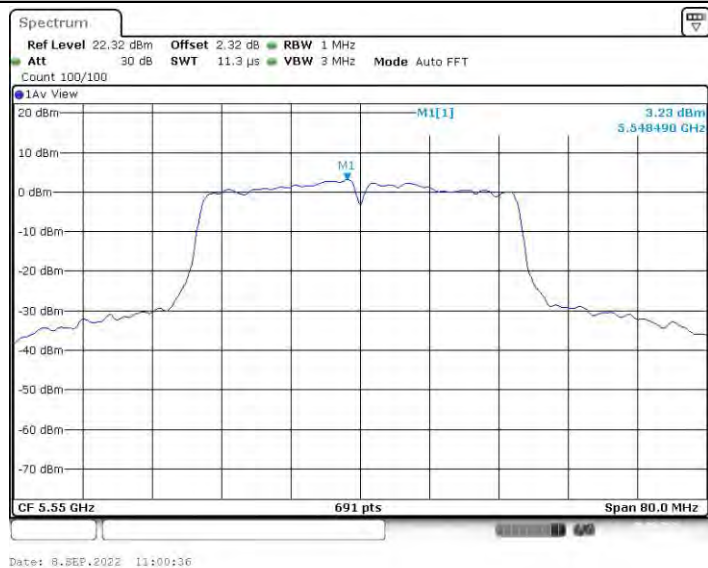


11AC40MIMO_Ant2_5510





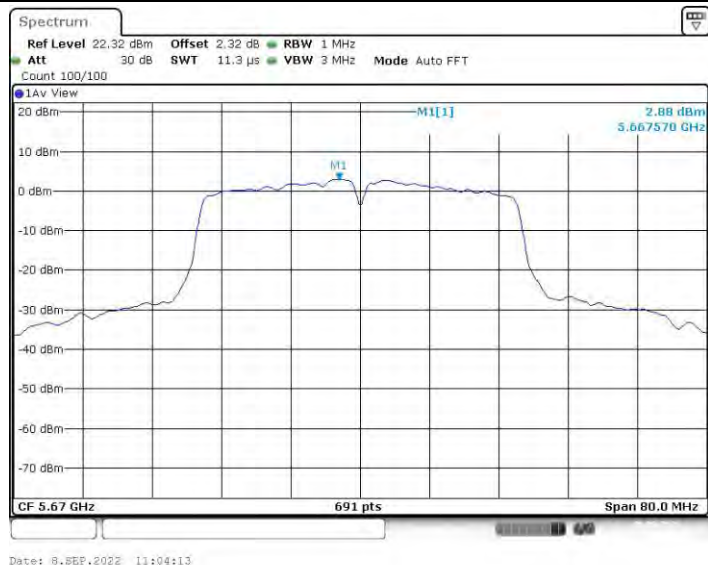
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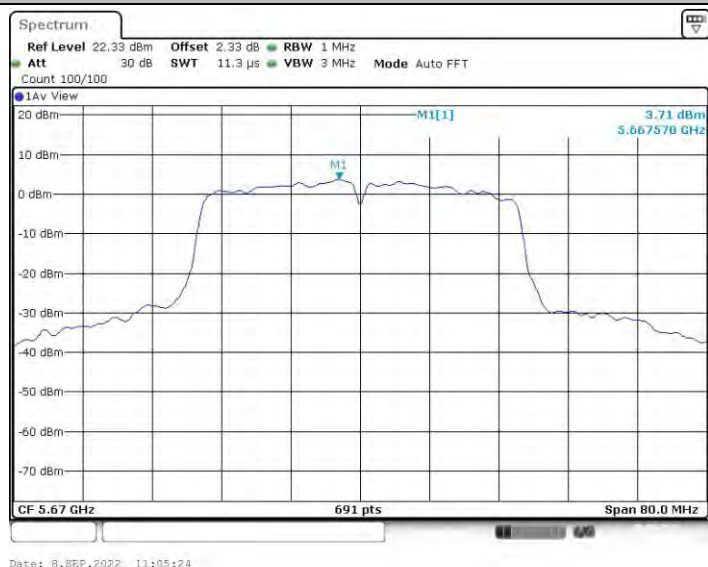
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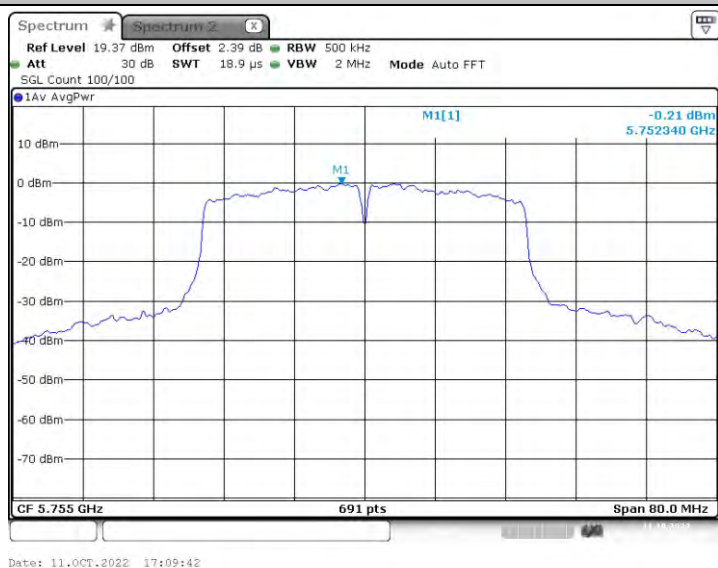
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11AC40MIMO_Ant2_5670

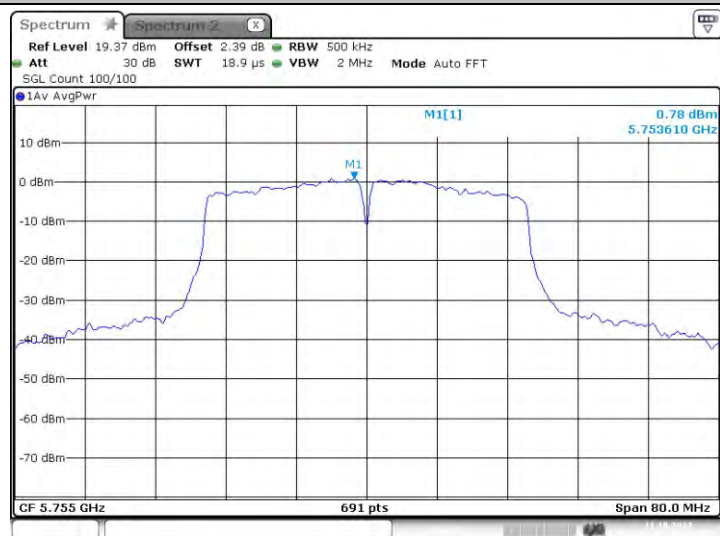


11AC40MIMO_Ant1_5755



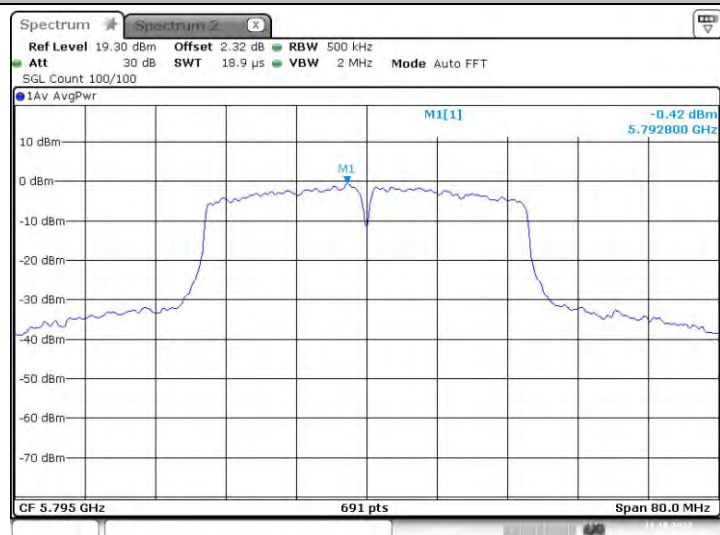


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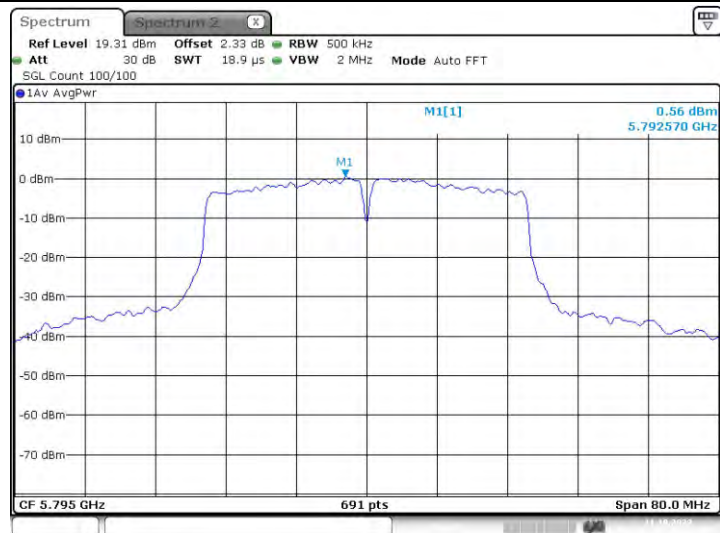
Date: 11.OCT.2022 17:19:20

11AC40MIMO_Ant1_5795



Date: 11.OCT.2022 17:10:37

11AC40MIMO_Ant2_5795



Date: 11.OCT.2022 17:18:27

11AC80MIMO_Ant1_5210



Date: 8.SEP.2022 11:16:53

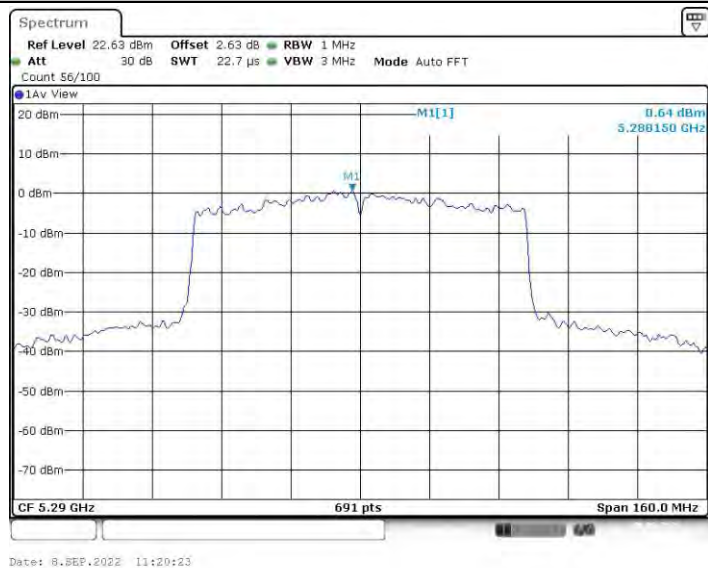
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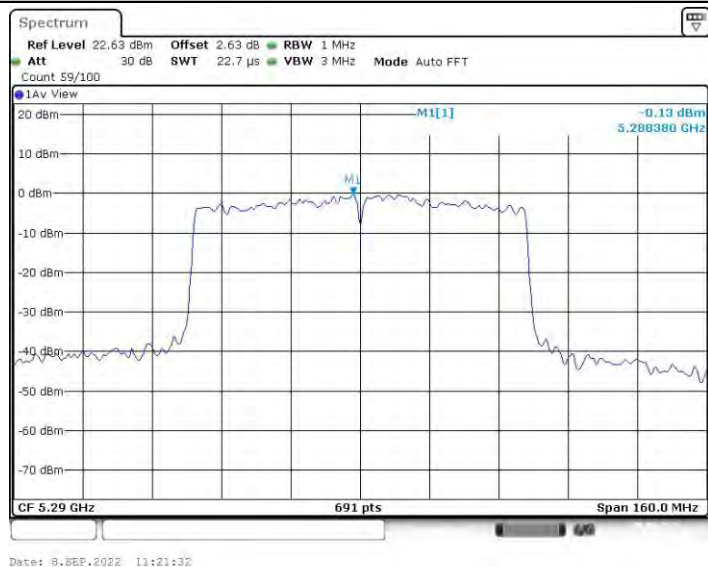
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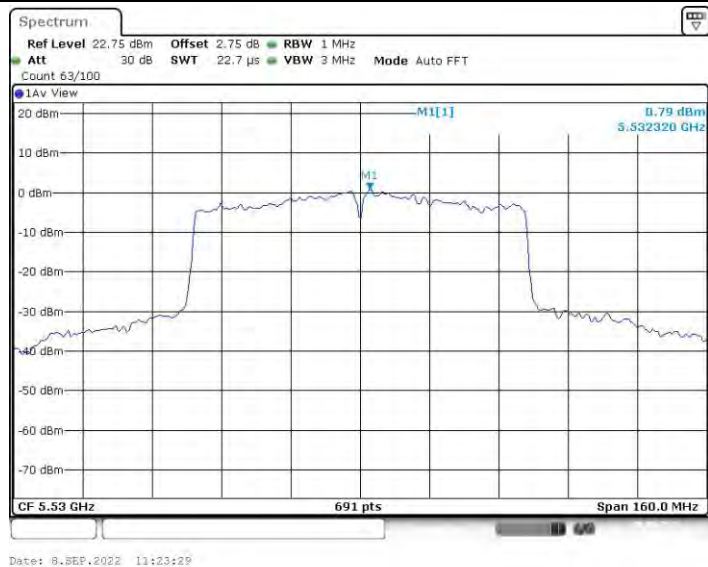
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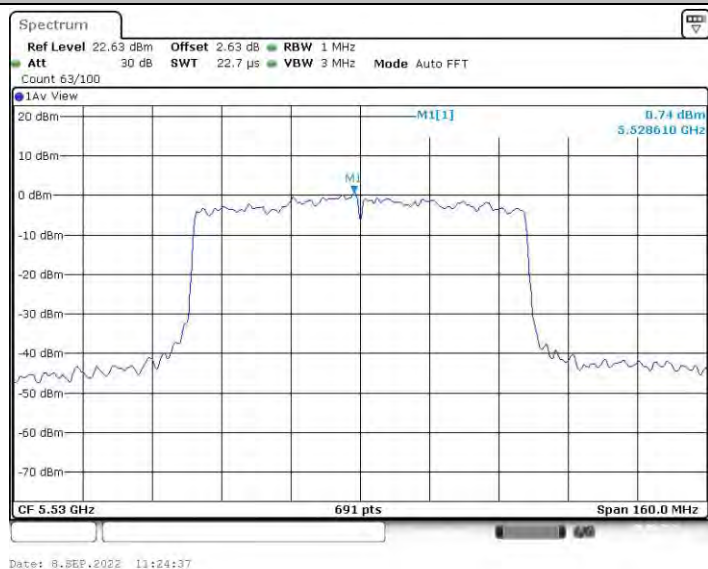
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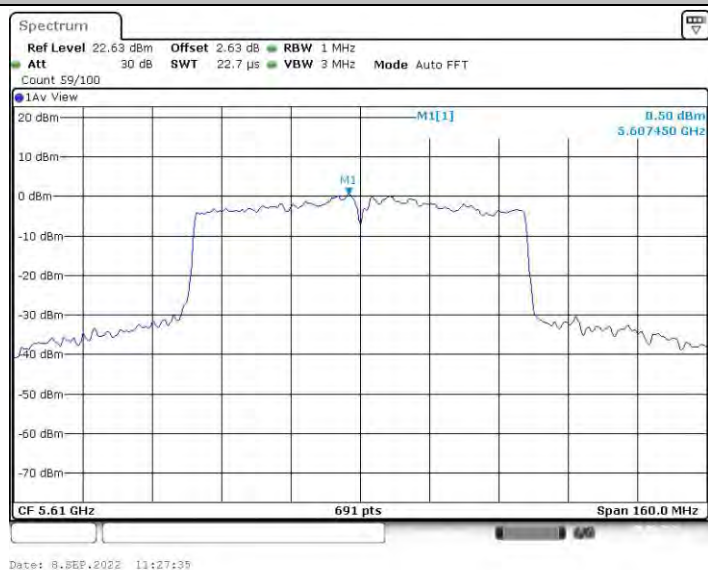
11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530

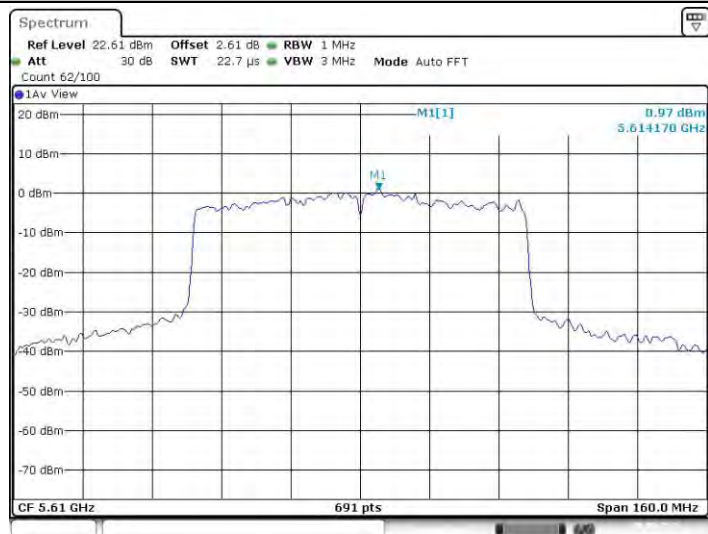


11AC80MIMO_Ant1_5610



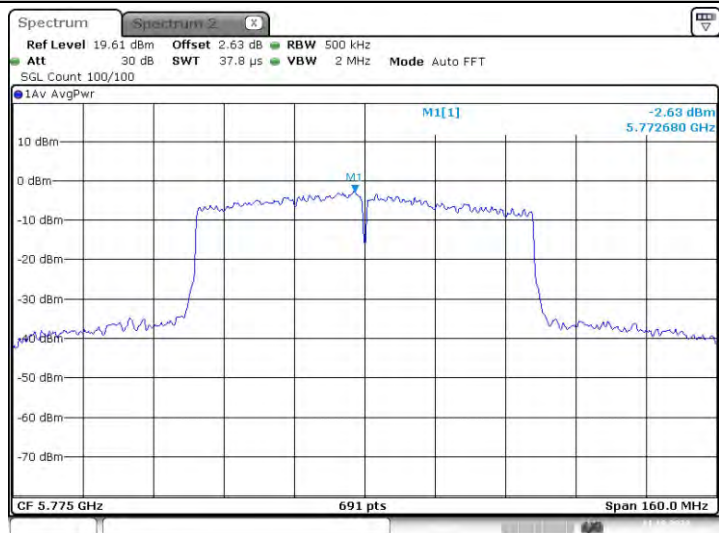


11AC80MIMO_Ant2_5610



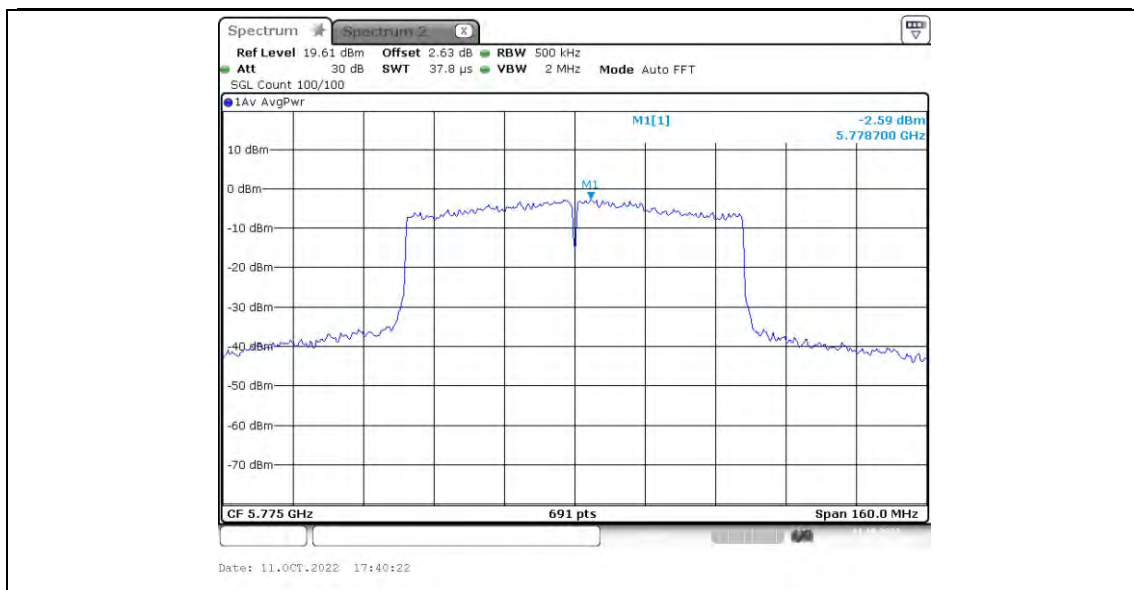
Date: 8.SEP.2022 11:28:43

11AC80MIMO_Ant1_5775



Date: 11.OCT.2022 17:41:30

11AC80MIMO_Ant2_5775





Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20M IMO	Ant1	5180	NV	NT	-10000	-1.930502	20	PASS
			LV	NT	-9000	-1.737452	20	PASS
			HV	NT	-7000	-1.351351	20	PASS
	Ant2	5180	NV	NT	4000	0.772201	20	PASS
			LV	NT	4000	0.772201	20	PASS
			HV	NT	4000	0.772201	20	PASS
	Ant1	5200	NV	NT	-12000	-2.307692	20	PASS
			LV	NT	-13000	-2.5	20	PASS
			HV	NT	-13000	-2.5	20	PASS
	Ant2	5200	NV	NT	-14000	-2.692308	20	PASS
			LV	NT	-13000	-2.5	20	PASS
			HV	NT	-12000	-2.307692	20	PASS
	Ant1	5240	NV	NT	-12000	-2.290076	20	PASS
			LV	NT	-12000	-2.290076	20	PASS
			HV	NT	-13000	-2.480916	20	PASS
	Ant2	5240	NV	NT	-13000	-2.480916	20	PASS
			LV	NT	-13000	-2.480916	20	PASS
			HV	NT	-13000	-2.480916	20	PASS
	Ant1	5260	NV	NT	-14000	-2.661597	20	PASS
			LV	NT	-14000	-2.661597	20	PASS
			HV	NT	-14000	-2.661597	20	PASS
	Ant2	5260	NV	NT	-14000	-2.661597	20	PASS
			LV	NT	-14000	-2.661597	20	PASS
			HV	NT	-14000	-2.661597	20	PASS
	Ant1	5280	NV	NT	-14000	-2.651515	20	PASS
			LV	NT	-14000	-2.651515	20	PASS
			HV	NT	-14000	-2.651515	20	PASS
	Ant2	5280	NV	NT	-14000	-2.651515	20	PASS
			LV	NT	-14000	-2.651515	20	PASS
			HV	NT	-14000	-2.651515	20	PASS
	Ant1	5320	NV	NT	-14000	-2.631579	20	PASS
			LV	NT	-13000	-2.443609	20	PASS
			HV	NT	-14000	-2.631579	20	PASS
	Ant2	5320	NV	NT	-14000	-2.631579	20	PASS
			LV	NT	-14000	-2.631579	20	PASS
			HV	NT	-14000	-2.631579	20	PASS



	Ant1	5500	NV	NT	-14000	-2.545455	20	PASS
			LV	NT	-14000	-2.545455	20	PASS
			HV	NT	-14000	-2.545455	20	PASS
	Ant2	5500	NV	NT	-14000	-2.545455	20	PASS
			LV	NT	-14000	-2.545455	20	PASS
			HV	NT	-14000	-2.545455	20	PASS
	Ant1	5580	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.724014	20	PASS
			HV	NT	-71000	-12.724014	20	PASS
	Ant2	5580	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.544803	20	PASS
			HV	NT	-70000	-12.544803	20	PASS
	Ant1	5700	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.45614	20	PASS
			HV	NT	-71000	-12.45614	20	PASS
	Ant2	5700	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.45614	20	PASS
			HV	NT	-71000	-12.45614	20	PASS
	Ant1	5745	NV	NT	0	0	20	PASS
			LV	NT	-72000	-12.532637	20	PASS
			HV	NT	-71000	-12.358573	20	PASS
	Ant2	5745	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.184508	20	PASS
			HV	NT	-70000	-12.184508	20	PASS
	Ant1	5785	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.27312	20	PASS
			HV	NT	-71000	-12.27312	20	PASS
	Ant2	5785	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.27312	20	PASS
			HV	NT	-71000	-12.27312	20	PASS
	Ant1	5825	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.188841	20	PASS
			HV	NT	-71000	-12.188841	20	PASS
	Ant2	5825	NV	NT	0	0	20	PASS
			LV	NT	-71000	-12.188841	20	PASS
			HV	NT	-71000	-12.188841	20	PASS
11AC40M IMO	Ant1	5190	NV	NT	-64000	-12.331407	20	PASS
			LV	NT	-64000	-12.331407	20	PASS
			HV	NT	-64000	-12.331407	20	PASS
	Ant2	5190	NV	NT	0	0	20	PASS
			LV	NT	-63000	-12.138728	20	PASS
			HV	NT	-64000	-12.331407	20	PASS
	Ant1	5230	NV	NT	0	0	20	PASS



			LV	NT	-64000	-12.237094	20	PASS
			HV	NT	-64000	-12.237094	20	PASS
	Ant2	5230	NV	NT	0	0	20	PASS
			LV	NT	-64000	-12.237094	20	PASS
			HV	NT	-64000	-12.237094	20	PASS
			NV	NT	0	0	20	PASS
	Ant1	5270	LV	NT	-64000	-12.144213	20	PASS
			HV	NT	-64000	-12.144213	20	PASS
			NV	NT	0	0	20	PASS
			LV	NT	-64000	-12.144213	20	PASS
			HV	NT	-64000	-12.144213	20	PASS
	Ant2	5270	NV	NT	0	0	20	PASS
			LV	NT	-64000	-12.144213	20	PASS
			HV	NT	-64000	-12.144213	20	PASS
	Ant1	5310	NV	NT	0	0	20	PASS
			LV	NT	-65000	-12.241055	20	PASS
			HV	NT	-65000	-12.241055	20	PASS
	Ant2	5310	NV	NT	0	0	20	PASS
			LV	NT	-65000	-12.241055	20	PASS
			HV	NT	-65000	-12.241055	20	PASS
	Ant1	5510	NV	NT	-71000	-12.885662	20	PASS
			LV	NT	-71000	-12.885662	20	PASS
			HV	NT	-72000	-13.067151	20	PASS
	Ant2	5510	NV	NT	-46000	-8.348457	20	PASS
			LV	NT	-46000	-8.348457	20	PASS
			HV	NT	-45000	-8.166969	20	PASS
	Ant1	5550	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.207207	20	PASS
			HV	NT	-38000	-6.846847	20	PASS
	Ant2	5550	NV	NT	0	0	20	PASS
			LV	NT	-31000	-5.585586	20	PASS
			HV	NT	-57000	-10.27027	20	PASS
	Ant1	5670	NV	NT	0	0	20	PASS
			LV	NT	-67000	-11.816578	20	PASS
			HV	NT	-67000	-11.816578	20	PASS
	Ant2	5670	NV	NT	-68000	-11.992945	20	PASS
			LV	NT	-68000	-11.992945	20	PASS
			HV	NT	-68000	-11.992945	20	PASS
	Ant1	5755	NV	NT	0	0	20	PASS
			LV	NT	-69000	-11.989574	20	PASS
			HV	NT	-70000	-12.163336	20	PASS
	Ant2	5755	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.163336	20	PASS
			HV	NT	-70000	-12.163336	20	PASS
	Ant1	5795	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.079379	20	PASS



	Ant2	5795	HV	NT	-70000	-12.079379	20	PASS
			NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.079379	20	PASS
			HV	NT	-70000	-12.079379	20	PASS
11AC80M IMO	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	-63000	-12.092131	20	PASS
			HV	NT	-63000	-12.092131	20	PASS
	Ant2	5210	NV	NT	0	0	20	PASS
			LV	NT	-63000	-12.092131	20	PASS
			HV	NT	-63000	-12.092131	20	PASS
	Ant1	5290	NV	NT	0	0	20	PASS
			LV	NT	-64000	-12.098299	20	PASS
			HV	NT	-64000	-12.098299	20	PASS
	Ant2	5290	NV	NT	-64000	-12.098299	20	PASS
			LV	NT	-64000	-12.098299	20	PASS
			HV	NT	-65000	-12.287335	20	PASS
	Ant1	5530	NV	NT	0	0	20	PASS
			LV	NT	-68000	-12.296564	20	PASS
			HV	NT	-68000	-12.296564	20	PASS
	Ant2	5530	NV	NT	0	0	20	PASS
			LV	NT	-65000	-11.754069	20	PASS
			HV	NT	-65000	-11.754069	20	PASS
	Ant1	5610	NV	NT	-67000	-11.942959	20	PASS
			LV	NT	-67000	-11.942959	20	PASS
			HV	NT	-68000	-12.121212	20	PASS
	Ant2	5610	NV	NT	0	0	20	PASS
			LV	NT	-68000	-12.121212	20	PASS
			HV	NT	-68000	-12.121212	20	PASS
	Ant1	5775	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.121212	20	PASS
			HV	NT	-70000	-12.121212	20	PASS
	Ant2	5775	NV	NT	0	0	20	PASS
			LV	NT	-70000	-12.121212	20	PASS
			HV	NT	-70000	-12.121212	20	PASS



Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20M IMO	Ant1	5180	NV	0	2000	0.386100	20	PASS
			NV	10	2000	0.386100	20	PASS
			NV	20	2000	0.386100	20	PASS
			NV	30	3000	0.579151	20	PASS
			NV	40	3000	0.579151	20	PASS
	Ant2	5180	NV	0	4000	0.772201	20	PASS
			NV	10	4000	0.772201	20	PASS
			NV	20	4000	0.772201	20	PASS
			NV	30	4000	0.772201	20	PASS
			NV	40	4000	0.772201	20	PASS
	Ant1	5200	NV	0	-13000	-2.500000	20	PASS
			NV	10	-13000	-2.500000	20	PASS
			NV	20	-13000	-2.500000	20	PASS
			NV	30	-13000	-2.500000	20	PASS
			NV	40	-13000	-2.500000	20	PASS
	Ant2	5200	NV	0	-9000	-1.730769	20	PASS
			NV	10	-8000	-1.538462	20	PASS
			NV	20	-8000	-1.538462	20	PASS
			NV	30	-8000	-1.538462	20	PASS
			NV	40	-7000	-1.346154	20	PASS
	Ant1	5240	NV	0	-13000	-2.480916	20	PASS
			NV	10	-13000	-2.480916	20	PASS
			NV	20	-13000	-2.480916	20	PASS
			NV	30	-13000	-2.480916	20	PASS
			NV	40	-13000	-2.480916	20	PASS
	Ant2	5240	NV	0	-14000	-2.671756	20	PASS
			NV	10	-13000	-2.480916	20	PASS
			NV	20	-13000	-2.480916	20	PASS
			NV	30	-14000	-2.671756	20	PASS
			NV	40	-13000	-2.480916	20	PASS
	Ant1	5260	NV	0	-14000	-2.661597	20	PASS
			NV	10	-14000	-2.661597	20	PASS
			NV	20	-14000	-2.661597	20	PASS
			NV	30	-14000	-2.661597	20	PASS
			NV	40	-14000	-2.661597	20	PASS
	Ant2	5260	NV	0	-14000	-2.661597	20	PASS
			NV	10	-14000	-2.661597	20	PASS
			NV	20	-14000	-2.661597	20	PASS
			NV	30	-14000	-2.661597	20	PASS



			NV	40	-14000	-2.661597	20	PASS
	Ant1	5280	NV	0	-14000	-2.651515	20	PASS
			NV	10	-14000	-2.651515	20	PASS
			NV	20	-14000	-2.651515	20	PASS
			NV	30	-14000	-2.651515	20	PASS
			NV	40	-14000	-2.651515	20	PASS
	Ant2	5280	NV	0	-14000	-2.651515	20	PASS
			NV	10	-14000	-2.651515	20	PASS
			NV	20	-14000	-2.651515	20	PASS
			NV	30	-14000	-2.651515	20	PASS
			NV	40	-14000	-2.651515	20	PASS
	Ant1	5320	NV	0	-14000	-2.631579	20	PASS
			NV	10	-14000	-2.631579	20	PASS
			NV	20	-14000	-2.631579	20	PASS
			NV	30	-14000	-2.631579	20	PASS
			NV	40	-14000	-2.631579	20	PASS
	Ant2	5320	NV	0	-14000	-2.631579	20	PASS
			NV	10	-14000	-2.631579	20	PASS
			NV	20	-14000	-2.631579	20	PASS
			NV	30	-14000	-2.631579	20	PASS
			NV	40	-14000	-2.631579	20	PASS
	Ant1	5500	NV	0	-14000	-2.545455	20	PASS
			NV	10	-14000	-2.545455	20	PASS
			NV	20	-14000	-2.545455	20	PASS
			NV	30	-14000	-2.545455	20	PASS
			NV	40	-14000	-2.545455	20	PASS
	Ant2	5500	NV	0	-14000	-2.545455	20	PASS
			NV	10	-14000	-2.545455	20	PASS
			NV	20	-14000	-2.545455	20	PASS
			NV	30	-14000	-2.545455	20	PASS
			NV	40	-14000	-2.545455	20	PASS
	Ant1	5580	NV	0	-70000	-12.544803	20	PASS
			NV	10	-70000	-12.544803	20	PASS
			NV	20	-70000	-12.544803	20	PASS
			NV	30	-70000	-12.544803	20	PASS
			NV	40	-70000	-12.544803	20	PASS
	Ant2	5580	NV	0	-70000	-12.544803	20	PASS
			NV	10	-70000	-12.544803	20	PASS
			NV	20	-70000	-12.544803	20	PASS
			NV	30	-70000	-12.544803	20	PASS
			NV	40	-70000	-12.544803	20	PASS
	Ant1	5700	NV	0	-71000	-12.456140	20	PASS
			NV	10	-71000	-12.456140	20	PASS



			NV	20	-71000	-12.456140	20	PASS
			NV	30	-71000	-12.456140	20	PASS
			NV	40	-71000	-12.456140	20	PASS
	Ant2	5700	NV	0	-71000	-12.456140	20	PASS
			NV	10	-71000	-12.456140	20	PASS
			NV	20	-71000	-12.456140	20	PASS
			NV	30	-71000	-12.456140	20	PASS
			NV	40	-71000	-12.456140	20	PASS
	Ant1	5745	NV	0	-71000	-12.358573	20	PASS
			NV	10	-71000	-12.358573	20	PASS
			NV	20	-71000	-12.358573	20	PASS
			NV	30	-71000	-12.358573	20	PASS
			NV	40	-70000	-12.184508	20	PASS
	Ant2	5745	NV	0	-70000	-12.184508	20	PASS
			NV	10	-70000	-12.184508	20	PASS
			NV	20	-70000	-12.184508	20	PASS
			NV	30	-70000	-12.184508	20	PASS
			NV	40	-70000	-12.184508	20	PASS
	Ant1	5785	NV	0	-71000	-12.273120	20	PASS
			NV	10	-71000	-12.273120	20	PASS
			NV	20	-71000	-12.273120	20	PASS
			NV	30	-71000	-12.273120	20	PASS
			NV	40	-71000	-12.273120	20	PASS
	Ant2	5785	NV	0	-71000	-12.273120	20	PASS
			NV	10	-70000	-12.100259	20	PASS
			NV	20	-71000	-12.273120	20	PASS
			NV	30	-71000	-12.273120	20	PASS
			NV	40	-70000	-12.100259	20	PASS
	Ant1	5825	NV	0	-71000	-12.188841	20	PASS
			NV	10	-71000	-12.188841	20	PASS
			NV	20	-71000	-12.188841	20	PASS
			NV	30	-71000	-12.188841	20	PASS
			NV	40	-71000	-12.188841	20	PASS
	Ant2	5825	NV	0	-71000	-12.188841	20	PASS
			NV	10	-71000	-12.188841	20	PASS
			NV	20	-71000	-12.188841	20	PASS
			NV	30	-71000	-12.188841	20	PASS
			NV	40	-71000	-12.188841	20	PASS
11AC40M IMO	Ant1	5190	NV	0	-64000	-12.331407	20	PASS
			NV	10	-64000	-12.331407	20	PASS
			NV	20	-64000	-12.331407	20	PASS
			NV	30	-64000	-12.331407	20	PASS
			NV	40	-64000	-12.331407	20	PASS



	Ant2	5190	NV	0	-64000	-12.331407	20	PASS
			NV	10	-64000	-12.331407	20	PASS
			NV	20	-64000	-12.331407	20	PASS
			NV	30	-64000	-12.331407	20	PASS
			NV	40	-64000	-12.331407	20	PASS
	Ant1	5230	NV	0	-64000	-12.237094	20	PASS
			NV	10	-64000	-12.237094	20	PASS
			NV	20	-64000	-12.237094	20	PASS
			NV	30	-64000	-12.237094	20	PASS
			NV	40	-64000	-12.237094	20	PASS
	Ant2	5230	NV	0	-64000	-12.237094	20	PASS
			NV	10	-64000	-12.237094	20	PASS
			NV	20	-64000	-12.237094	20	PASS
			NV	30	-64000	-12.237094	20	PASS
			NV	40	-64000	-12.237094	20	PASS
	Ant1	5270	NV	0	-64000	-12.144213	20	PASS
			NV	10	-64000	-12.144213	20	PASS
			NV	20	-64000	-12.144213	20	PASS
			NV	30	-65000	-12.333966	20	PASS
			NV	40	-64000	-12.144213	20	PASS
	Ant2	5270	NV	0	-65000	-12.333966	20	PASS
			NV	10	-65000	-12.333966	20	PASS
			NV	20	-65000	-12.333966	20	PASS
			NV	30	-65000	-12.333966	20	PASS
			NV	40	-65000	-12.333966	20	PASS
	Ant1	5310	NV	0	-65000	-12.241055	20	PASS
			NV	10	-65000	-12.241055	20	PASS
			NV	20	-65000	-12.241055	20	PASS
			NV	30	-65000	-12.241055	20	PASS
			NV	40	-65000	-12.241055	20	PASS
	Ant2	5310	NV	0	-65000	-12.241055	20	PASS
			NV	10	-65000	-12.241055	20	PASS
			NV	20	-65000	-12.241055	20	PASS
			NV	30	-65000	-12.241055	20	PASS
			NV	40	-65000	-12.241055	20	PASS
	Ant1	5510	NV	0	-62000	-11.252269	20	PASS
			NV	10	-54000	-9.800363	20	PASS
			NV	20	-54000	-9.800363	20	PASS
			NV	30	-49000	-8.892922	20	PASS
			NV	40	-49000	-8.892922	20	PASS
	Ant2	5510	NV	0	-44000	-7.985481	20	PASS
			NV	10	-43000	-7.803993	20	PASS
			NV	20	-43000	-7.803993	20	PASS



			NV	30	-43000	-7.803993	20	PASS
			NV	40	-42000	-7.622505	20	PASS
	Ant1	5550	NV	0	-34000	-6.126126	20	PASS
			NV	10	-34000	-6.126126	20	PASS
			NV	20	-33000	-5.945946	20	PASS
			NV	30	-33000	-5.945946	20	PASS
			NV	40	-33000	-5.945946	20	PASS
			NV	0	-65000	-11.711712	20	PASS
	Ant2	5550	NV	10	-66000	-11.891892	20	PASS
			NV	20	-66000	-11.891892	20	PASS
			NV	30	-66000	-11.891892	20	PASS
			NV	40	-66000	-11.891892	20	PASS
			NV	0	-68000	-11.992945	20	PASS
	Ant1	5670	NV	10	-68000	-11.992945	20	PASS
			NV	20	-68000	-11.992945	20	PASS
			NV	30	-68000	-11.992945	20	PASS
			NV	40	-68000	-11.992945	20	PASS
			NV	0	-68000	-11.992945	20	PASS
	Ant2	5670	NV	10	-68000	-11.992945	20	PASS
			NV	20	-68000	-11.992945	20	PASS
			NV	30	-68000	-11.992945	20	PASS
			NV	40	-68000	-11.992945	20	PASS
			NV	0	-70000	-12.163336	20	PASS
	Ant1	5755	NV	10	-70000	-12.163336	20	PASS
			NV	20	-70000	-12.163336	20	PASS
			NV	30	-70000	-12.163336	20	PASS
			NV	40	-70000	-12.163336	20	PASS
			NV	0	-70000	-12.163336	20	PASS
	Ant2	5755	NV	10	-70000	-12.163336	20	PASS
			NV	20	-70000	-12.163336	20	PASS
			NV	30	-70000	-12.163336	20	PASS
			NV	40	-70000	-12.163336	20	PASS
			NV	0	-70000	-12.079379	20	PASS
	Ant1	5795	NV	10	-71000	-12.251941	20	PASS
			NV	20	-71000	-12.251941	20	PASS
			NV	30	-70000	-12.079379	20	PASS
			NV	40	-70000	-12.079379	20	PASS
			NV	0	-70000	-12.079379	20	PASS
	Ant2	5795	NV	10	-70000	-12.079379	20	PASS
			NV	20	-70000	-12.079379	20	PASS
			NV	30	-70000	-12.079379	20	PASS
			NV	40	-70000	-12.079379	20	PASS
			NV	0	-63000	-12.092131	20	PASS
11AC80M	Ant1	5210	NV	0	-63000	-12.092131	20	PASS



IMO			NV	10	-63000	-12.092131	20	PASS
			NV	20	-63000	-12.092131	20	PASS
			NV	30	-63000	-12.092131	20	PASS
			NV	40	-63000	-12.092131	20	PASS
	Ant2	5210	NV	0	-63000	-12.092131	20	PASS
			NV	10	-63000	-12.092131	20	PASS
			NV	20	-63000	-12.092131	20	PASS
			NV	30	-64000	-12.284069	20	PASS
			NV	40	-64000	-12.284069	20	PASS
	Ant1	5290	NV	0	-64000	-12.098299	20	PASS
			NV	10	-64000	-12.098299	20	PASS
			NV	20	-64000	-12.098299	20	PASS
			NV	30	-64000	-12.098299	20	PASS
			NV	40	-64000	-12.098299	20	PASS
	Ant2	5290	NV	0	-65000	-12.287335	20	PASS
			NV	10	-65000	-12.287335	20	PASS
			NV	20	-65000	-12.287335	20	PASS
			NV	30	-65000	-12.287335	20	PASS
			NV	40	-65000	-12.287335	20	PASS
	Ant1	5530	NV	0	-67000	-12.115732	20	PASS
			NV	10	-65000	-11.754069	20	PASS
			NV	20	-63000	-11.392405	20	PASS
			NV	30	-61000	-11.030741	20	PASS
			NV	40	-60000	-10.849910	20	PASS
	Ant2	5530	NV	0	-66000	-11.934901	20	PASS
			NV	10	-66000	-11.934901	20	PASS
			NV	20	-66000	-11.934901	20	PASS
			NV	30	-66000	-11.934901	20	PASS
			NV	40	-66000	-11.934901	20	PASS
	Ant1	5610	NV	0	-68000	-12.121212	20	PASS
			NV	10	-68000	-12.121212	20	PASS
			NV	20	-68000	-12.121212	20	PASS
			NV	30	-68000	-12.121212	20	PASS
			NV	40	-68000	-12.121212	20	PASS
	Ant2	5610	NV	0	-68000	-12.121212	20	PASS
			NV	10	-68000	-12.121212	20	PASS
			NV	20	-68000	-12.121212	20	PASS
			NV	30	-68000	-12.121212	20	PASS
			NV	40	-68000	-12.121212	20	PASS
	Ant1	5775	NV	0	-70000	-12.121212	20	PASS
			NV	10	-70000	-12.121212	20	PASS
			NV	20	-70000	-12.121212	20	PASS
			NV	30	-70000	-12.121212	20	PASS



			NV	40	-70000	-12.121212	20	PASS
	Ant2	5775	NV	0	-70000	-12.121212	20	PASS
			NV	10	-70000	-12.121212	20	PASS
			NV	20	-70000	-12.121212	20	PASS
			NV	30	-70000	-12.121212	20	PASS
			NV	40	-70000	-12.121212	20	PASS



Appendix E: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	Ant1	5180	1.38	1.44	95.83	0.72	1
	Ant2	5180	1.38	1.44	95.83	0.72	1
	Ant1	5200	1.38	1.44	95.83	0.72	1
	Ant2	5200	1.39	1.44	96.53	0.72	1
	Ant1	5240	1.39	1.44	96.53	0.72	1
	Ant2	5240	1.39	1.44	96.53	0.72	1
	Ant1	5260	1.38	1.44	95.83	0.72	1
	Ant2	5260	1.39	1.44	96.53	0.72	1
	Ant1	5280	1.39	1.44	96.53	0.72	1
	Ant2	5280	1.38	1.43	96.50	0.72	1
	Ant1	5320	1.38	1.43	96.50	0.72	1
	Ant2	5320	1.38	1.44	95.83	0.72	1
	Ant1	5500	1.38	1.44	95.83	0.72	1
	Ant2	5500	1.39	1.44	96.53	0.72	1
	Ant1	5580	1.38	1.44	95.83	0.72	1
	Ant2	5580	1.38	1.43	96.50	0.72	1
	Ant1	5700	1.38	1.43	96.50	0.72	1
	Ant2	5700	1.38	1.43	96.50	0.72	1
	Ant1	5745	1.39	1.44	96.53	0.72	1
	Ant2	5745	1.39	1.44	96.53	0.72	1
	Ant1	5785	1.39	1.44	96.53	0.72	1
	Ant2	5785	1.38	1.43	96.50	0.72	1
	Ant1	5825	1.38	1.44	95.83	0.72	1
	Ant2	5825	1.38	1.44	95.83	0.72	1
11N20MIMO	Ant1	5180	1.29	1.34	96.27	0.78	1
	Ant2	5180	1.29	1.34	96.27	0.78	1
	Ant1	5200	1.29	1.34	96.27	0.78	1
	Ant2	5200	1.29	1.34	96.27	0.78	1
	Ant1	5240	1.29	1.35	95.56	0.78	1
	Ant2	5240	1.29	1.34	96.27	0.78	1
	Ant1	5260	1.29	1.35	95.56	0.78	1
	Ant2	5260	1.30	1.35	96.30	0.77	1
	Ant1	5280	1.30	1.35	96.30	0.77	1
	Ant2	5280	1.29	1.34	96.27	0.78	1
	Ant1	5320	1.29	1.34	96.27	0.78	1



	Ant2	5320	1.29	1.34	96.27	0.78	1
	Ant1	5500	1.29	1.34	96.27	0.78	1
	Ant2	5500	1.29	1.34	96.27	0.78	1
	Ant1	5580	1.30	1.35	96.30	0.77	1
	Ant2	5580	1.29	1.34	96.27	0.78	1
	Ant1	5700	1.29	1.34	96.27	0.78	1
	Ant2	5700	1.29	1.34	96.27	0.78	1
	Ant1	5745	1.29	1.34	96.27	0.78	1
	Ant2	5745	1.29	1.34	96.27	0.78	1
	Ant1	5785	1.29	1.34	96.27	0.78	1
	Ant2	5785	1.30	1.35	96.30	0.78	1
	Ant1	5825	1.29	1.34	96.27	0.78	1
	Ant2	5825	1.29	1.34	96.27	0.78	1
11N40MIMO	Ant1	5190	0.64	0.70	91.43	1.56	3
	Ant2	5190	0.65	0.70	92.86	1.54	3
	Ant1	5230	0.65	0.70	92.86	1.54	3
	Ant2	5230	0.64	0.69	92.75	1.56	3
	Ant1	5270	0.65	0.70	92.86	1.54	3
	Ant2	5270	0.64	0.69	92.75	1.56	3
	Ant1	5310	0.65	0.70	92.86	1.54	3
	Ant2	5310	0.64	0.69	92.75	1.56	3
	Ant1	5510	0.65	0.70	92.86	1.54	3
	Ant2	5510	0.65	0.70	92.86	1.54	3
	Ant1	5550	0.65	0.70	92.86	1.54	3
	Ant2	5550	0.65	0.70	92.86	1.54	3
	Ant1	5670	0.64	0.70	91.43	1.56	3
	Ant2	5670	0.65	0.70	92.86	1.54	3
	Ant1	5755	0.65	0.70	92.86	1.54	3
	Ant2	5755	0.65	0.76	85.53	1.54	3
	Ant1	5795	0.64	0.69	92.75	1.56	3
	Ant2	5795	0.64	0.70	91.43	1.56	3
11AC20MIMO	Ant1	5180	1.30	1.36	95.59	0.77	1
	Ant2	5180	1.30	1.35	96.30	0.77	1
	Ant1	5200	1.30	1.36	95.59	0.77	1
	Ant2	5200	1.30	1.36	95.59	0.77	1
	Ant1	5240	1.30	1.36	95.59	0.77	1
	Ant2	5240	1.30	1.35	96.30	0.77	1
	Ant1	5260	1.30	1.36	95.59	0.77	1
	Ant2	5260	1.31	1.36	96.32	0.76	1
	Ant1	5280	1.30	1.35	96.30	0.77	1
	Ant2	5280	1.30	1.36	95.59	0.77	1
	Ant1	5320	1.31	1.36	96.32	0.76	1
	Ant2	5320	1.31	1.36	96.32	0.76	1

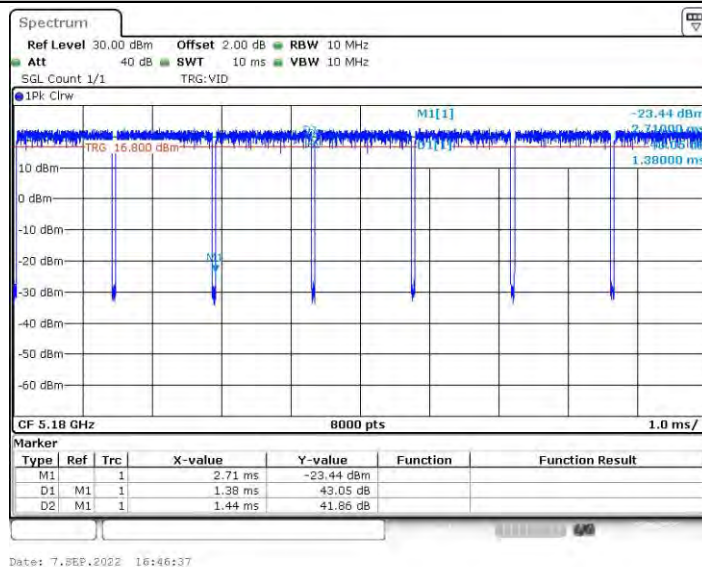


	Ant1	5500	1.30	1.35	96.30	0.77	1
	Ant2	5500	1.30	1.36	95.59	0.77	1
	Ant1	5580	1.30	1.36	95.59	0.77	1
	Ant2	5580	1.31	1.36	96.32	0.76	1
	Ant1	5700	1.30	1.35	96.30	0.77	1
	Ant2	5700	1.30	1.35	96.30	0.77	1
	Ant1	5745	1.30	1.36	95.59	0.77	1
	Ant2	5745	1.30	1.36	95.59	0.77	1
	Ant1	5785	1.31	1.36	96.32	0.76	1
	Ant2	5785	1.30	1.35	96.30	0.77	1
	Ant1	5825	1.31	1.36	96.32	0.76	1
	Ant2	5825	1.30	1.36	95.59	0.77	1
11AC40MIMO	Ant1	5190	0.65	0.70	92.86	1.54	3
	Ant2	5190	0.64	0.69	92.75	1.56	3
	Ant1	5230	0.65	0.70	92.86	1.54	3
	Ant2	5230	0.65	0.70	92.86	1.54	3
	Ant1	5270	0.65	0.70	92.86	1.54	3
	Ant2	5270	0.64	0.69	92.75	1.56	3
	Ant1	5310	0.64	0.69	92.75	1.56	3
	Ant2	5310	0.65	0.70	92.86	1.54	3
	Ant1	5510	0.64	0.75	85.33	1.56	3
	Ant2	5510	0.64	0.70	91.43	1.56	3
	Ant1	5550	0.65	0.70	92.86	1.54	3
	Ant2	5550	0.65	0.70	92.86	1.54	3
	Ant1	5670	0.65	0.70	92.86	1.54	3
	Ant2	5670	0.64	0.69	92.75	1.56	3
	Ant1	5755	0.64	0.70	91.43	1.56	3
	Ant2	5755	0.64	0.70	91.43	1.56	3
	Ant1	5795	0.65	0.70	92.86	1.54	3
	Ant2	5795	0.64	0.69	92.75	1.56	3
11AC80MIMO	Ant1	5210	0.32	0.38	84.21	3.13	5
	Ant2	5210	0.32	0.37	86.49	3.13	5
	Ant1	5290	0.32	0.37	86.49	3.13	5
	Ant2	5290	0.32	0.37	86.49	3.13	5
	Ant1	5530	0.32	0.38	84.21	3.13	5
	Ant2	5530	0.32	0.37	86.49	3.13	5
	Ant1	5610	0.32	0.37	86.49	3.13	5
	Ant2	5610	0.33	0.38	86.84	3.13	5
	Ant1	5775	0.32	0.37	86.49	3.13	5
	Ant2	5775	0.32	0.37	86.49	3.13	5

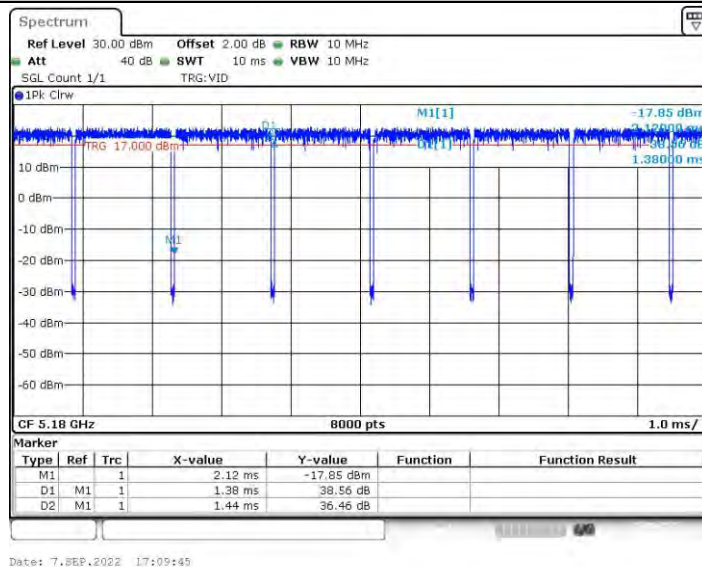


Test Graphs

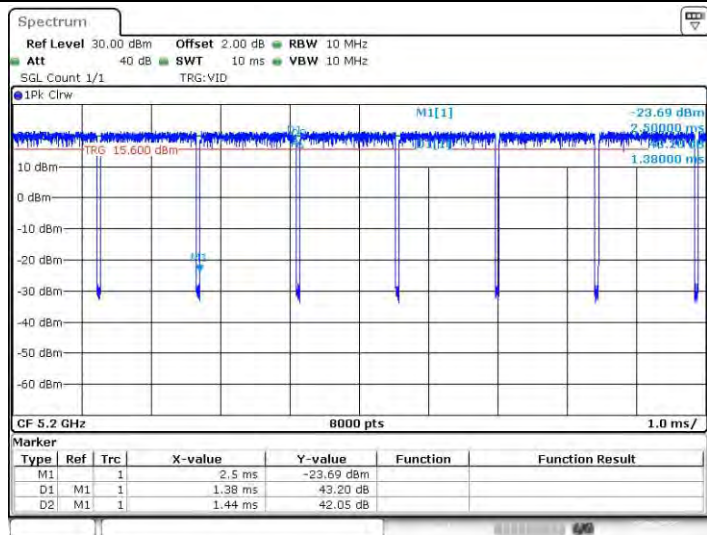
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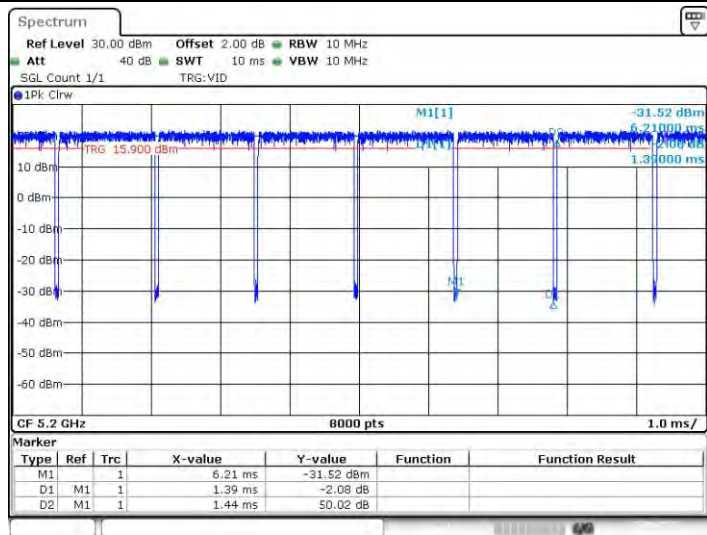
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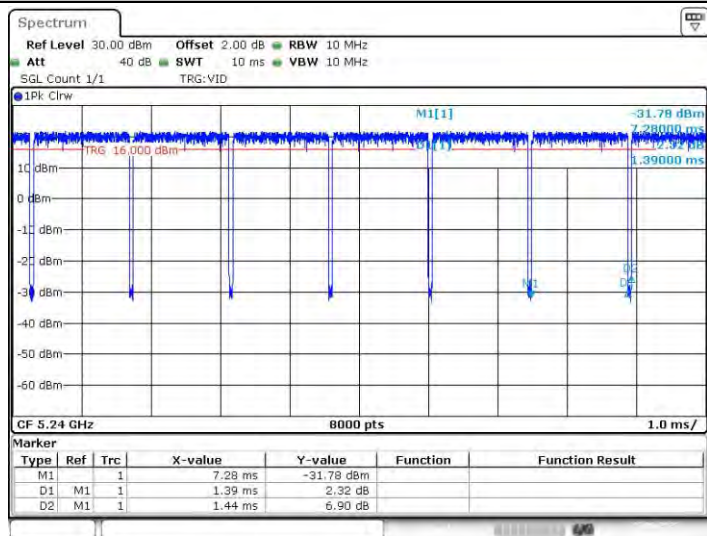
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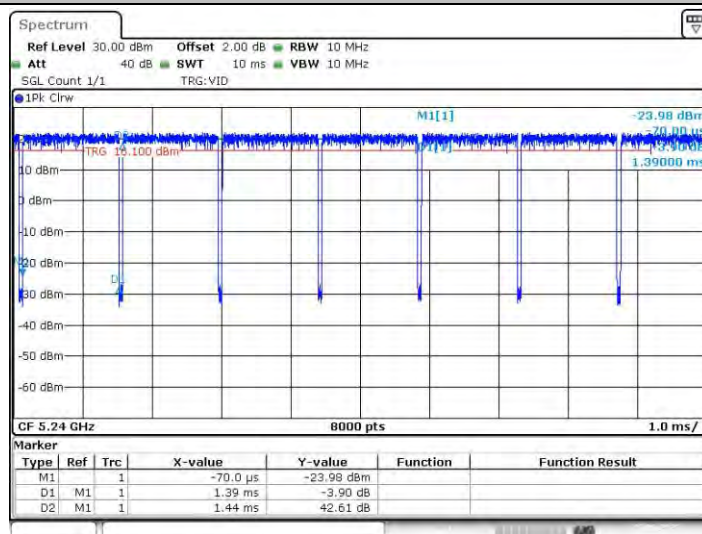


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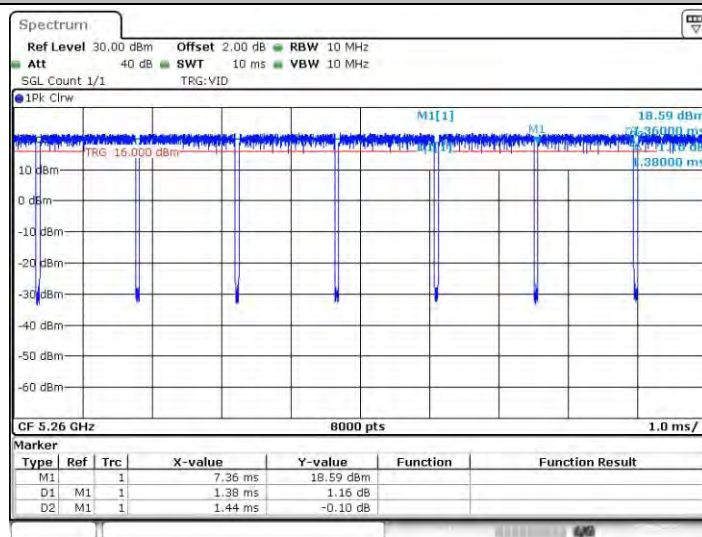


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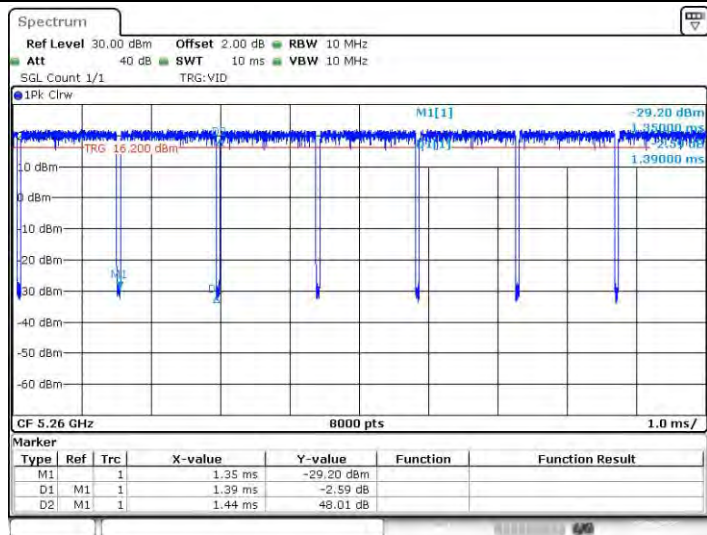
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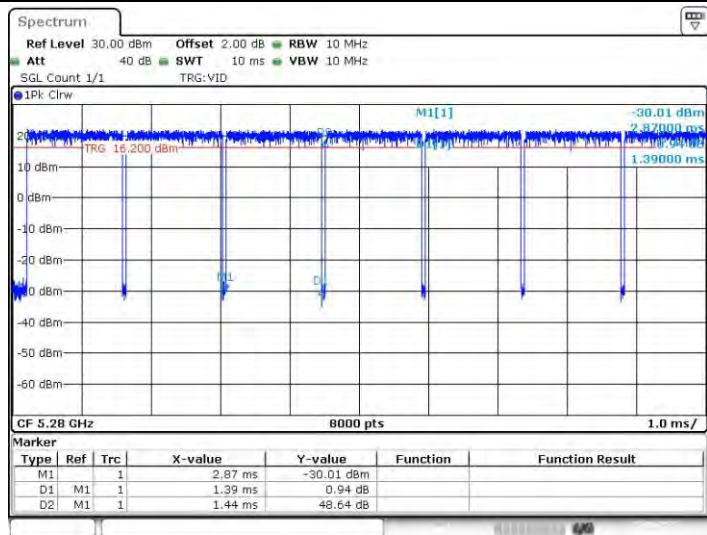
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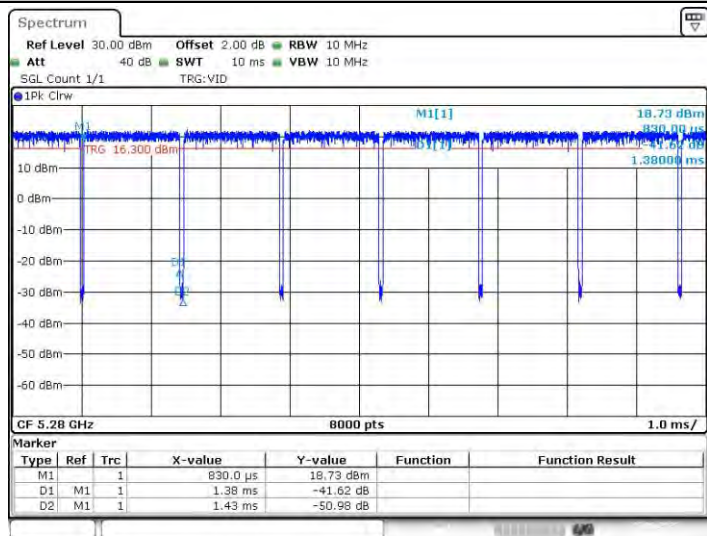
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11A_Ant1_5280



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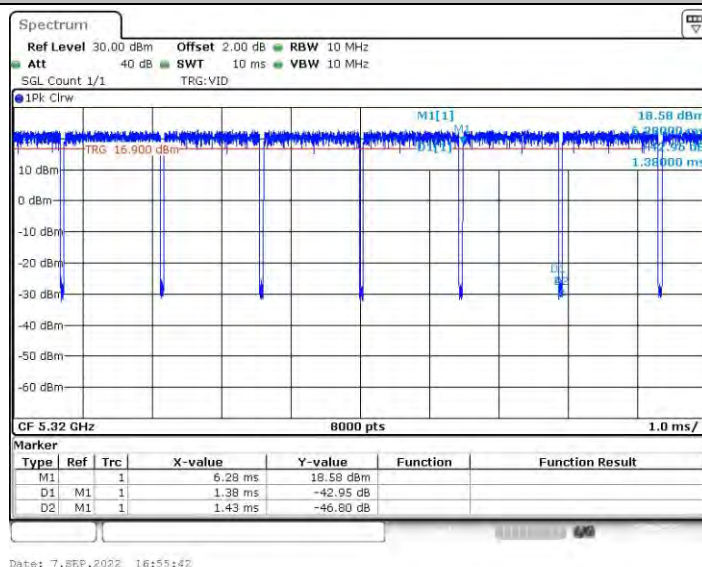
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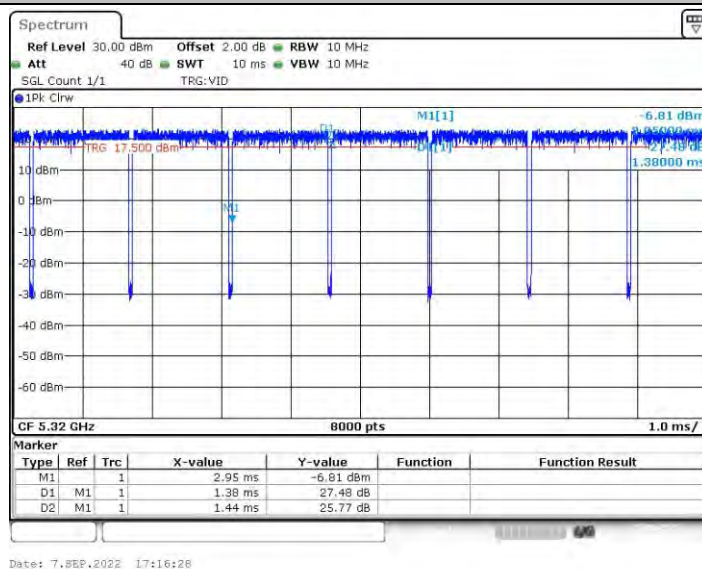
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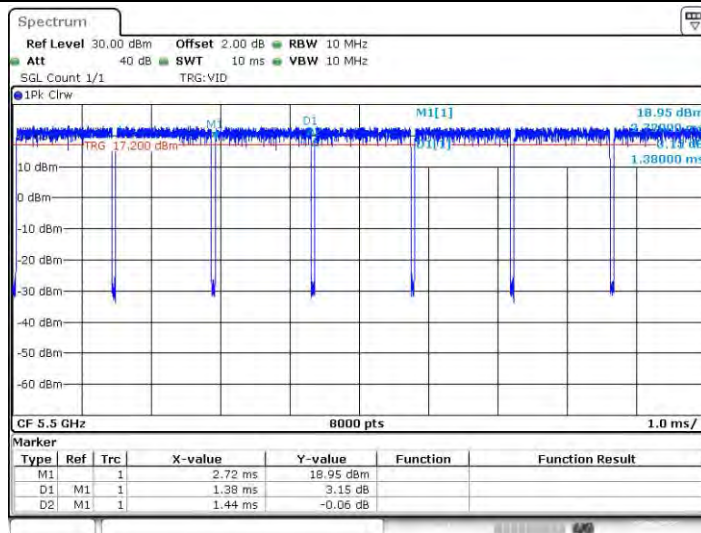
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11A_Ant2_5320

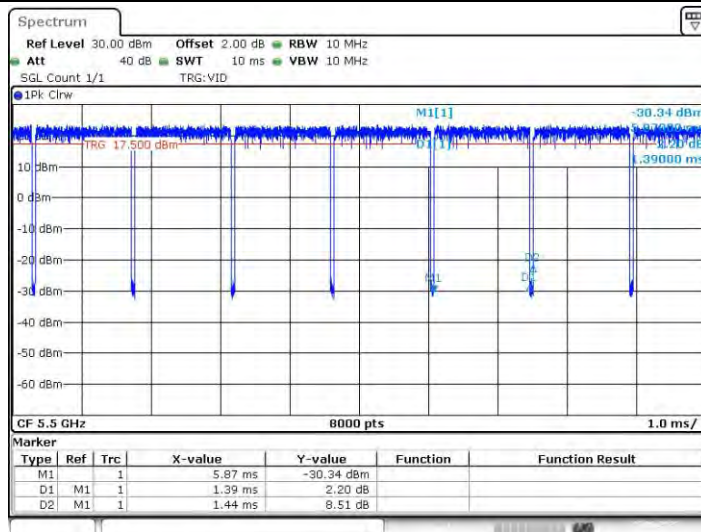


11A_Ant1_5500



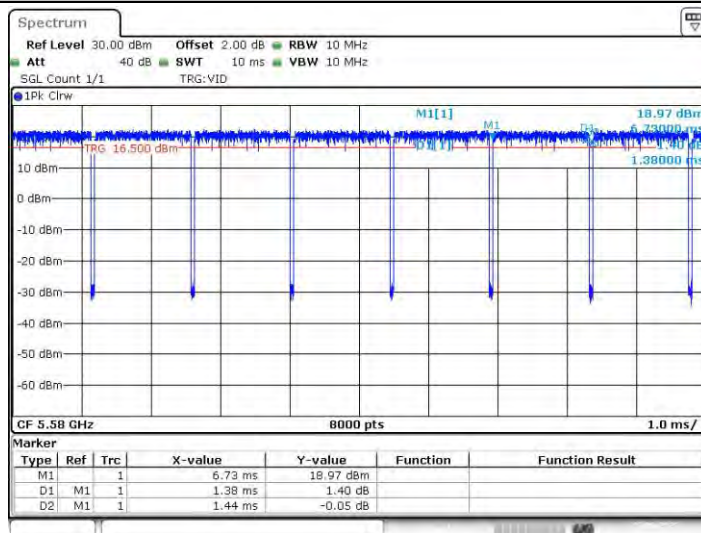
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11A_Ant2_5500



Date: 7.SEP.2022 17:18:06

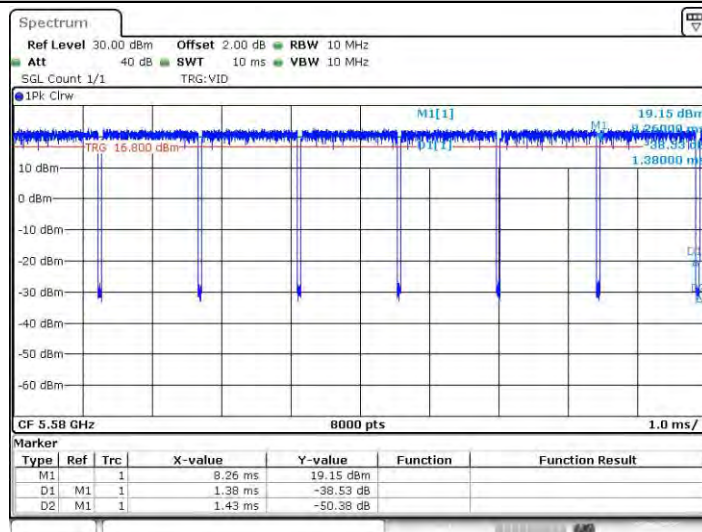
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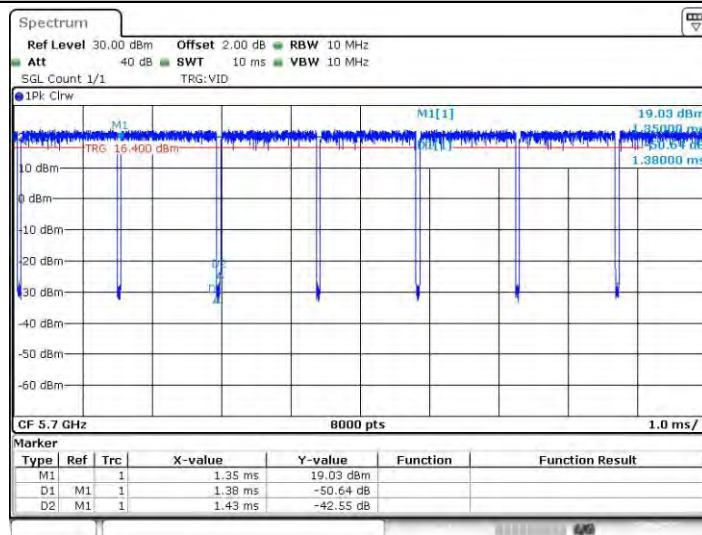


11A_Ant2_5580



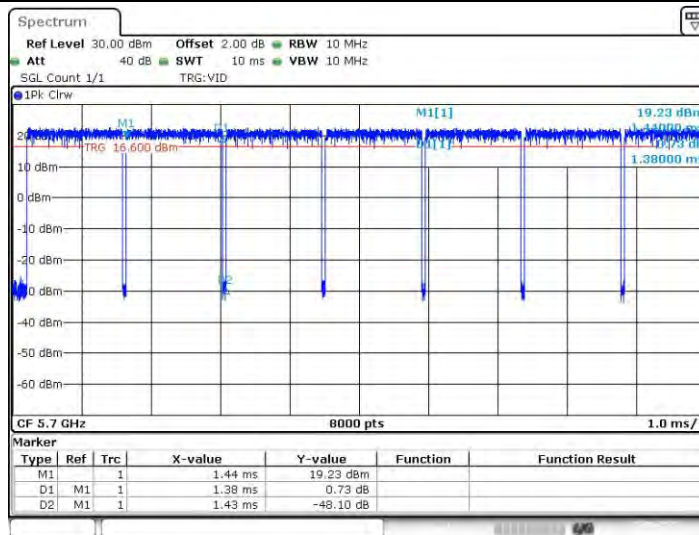
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11A_Ant1_5700



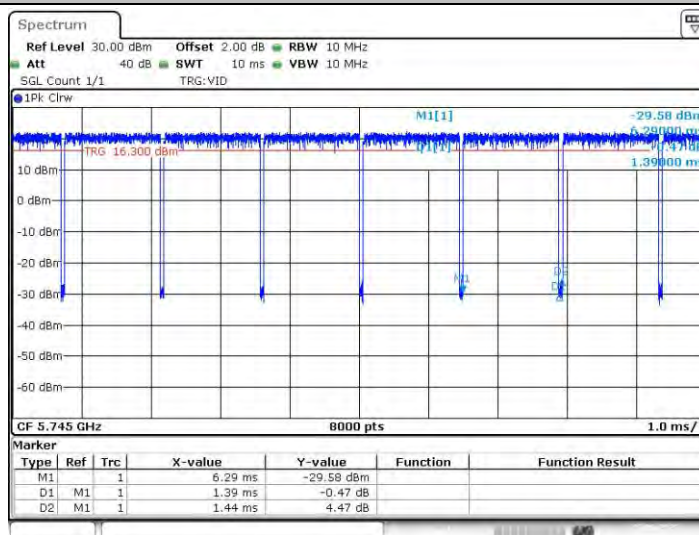
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11A_Ant2_5700



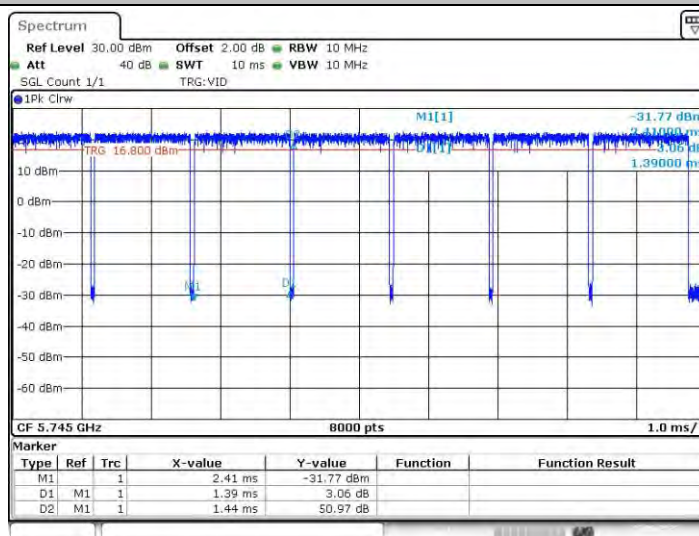
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11A_Ant1_5745



Date: 7.SEP.2022 17:01:22

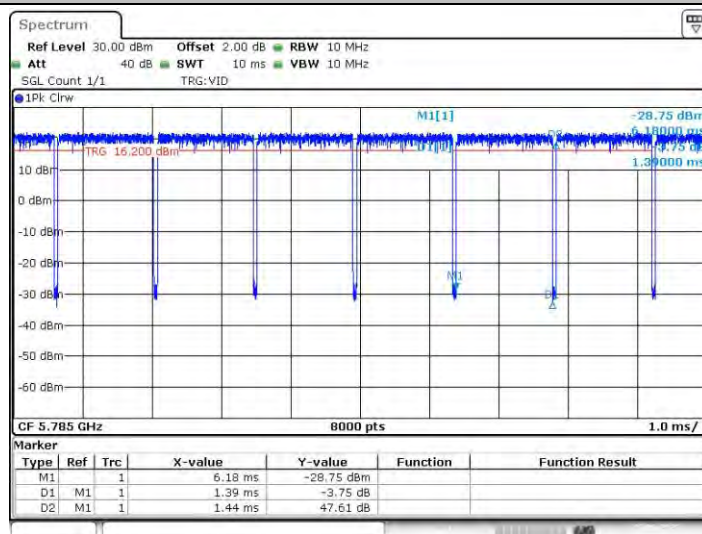
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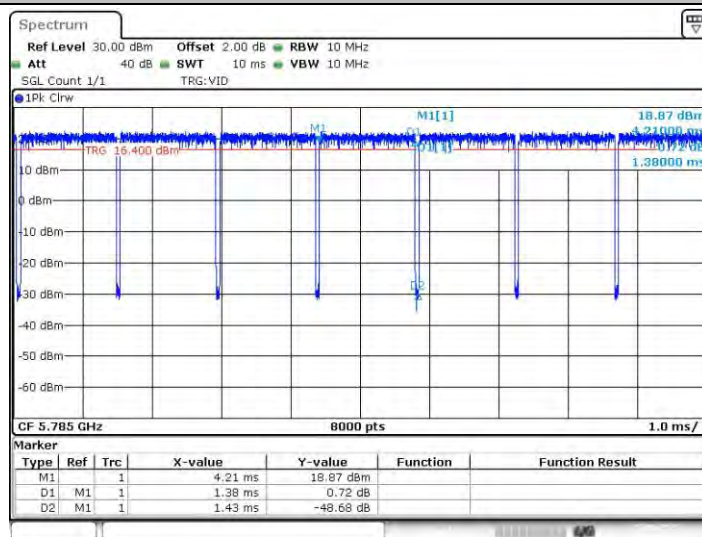


11A_Ant1_5785



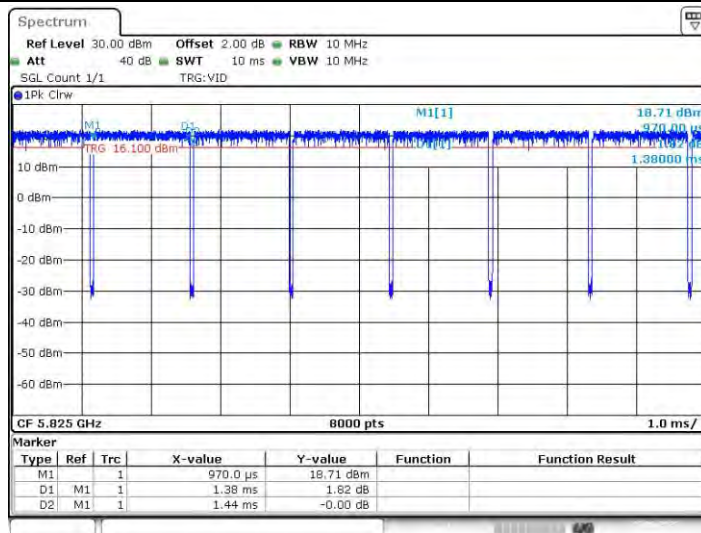
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11A_Ant2_5785



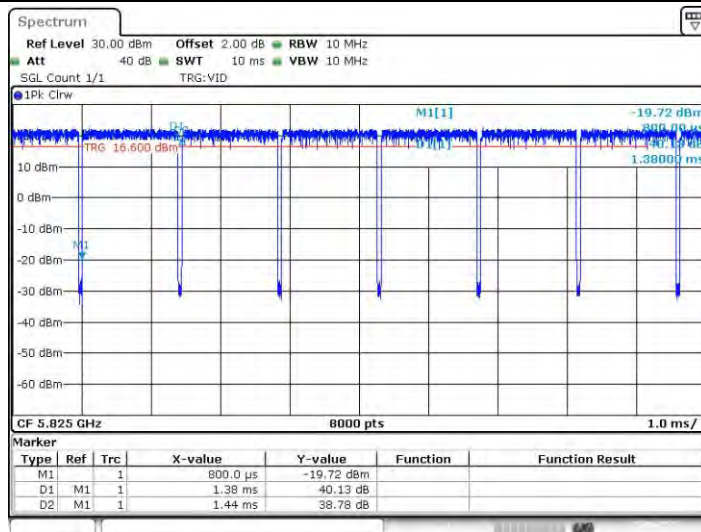
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11A_Ant1_5825



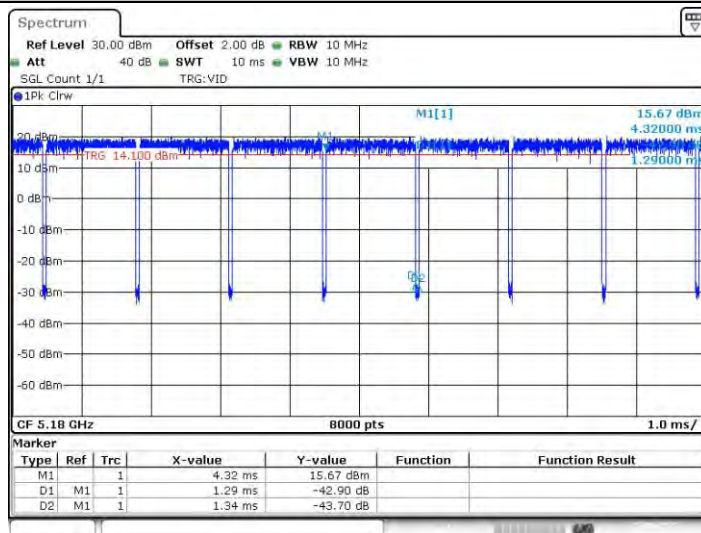
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11A_Ant2_5825



Date: 7.SEP.2022 17:26:32

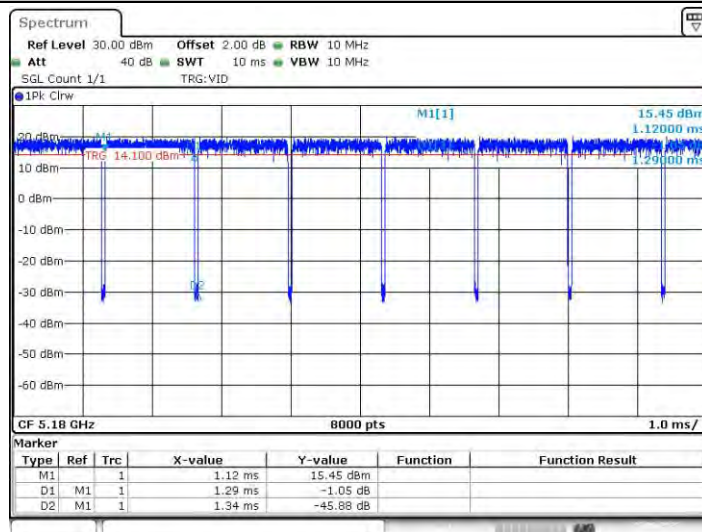
11N20MIMO_Ant1_5180



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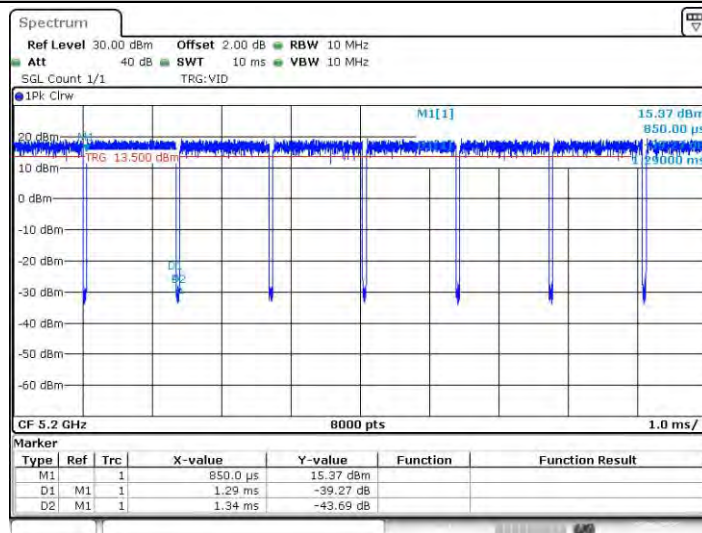


11N20MIMO_Ant2_5180



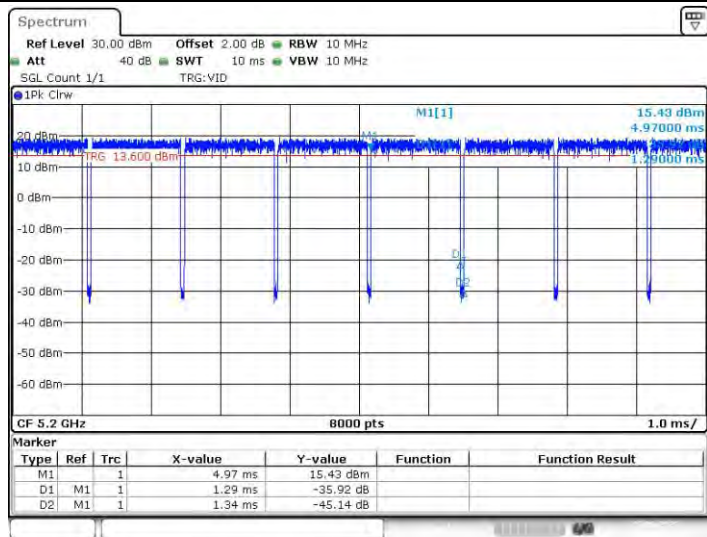
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11N20MIMO_Ant1_5200



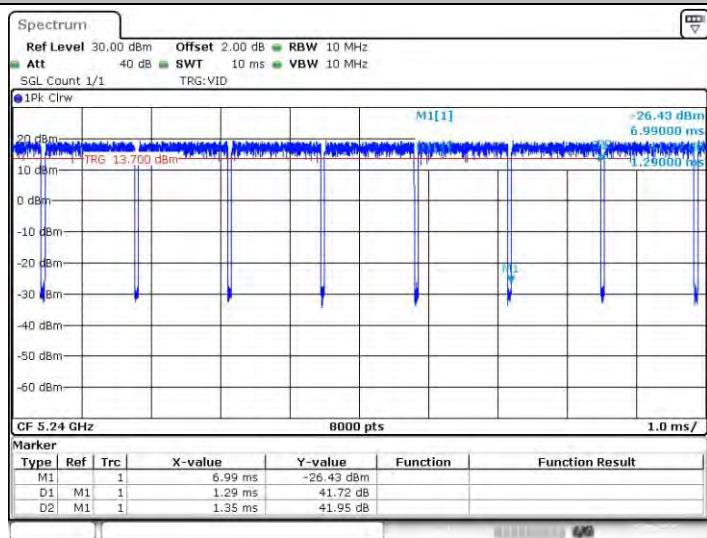
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11N20MIMO_Ant2_5200



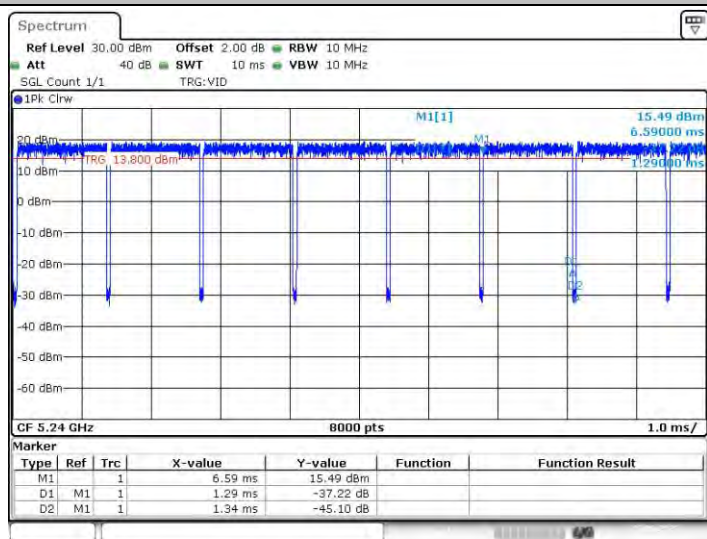
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11N20MIMO_Ant1_5240



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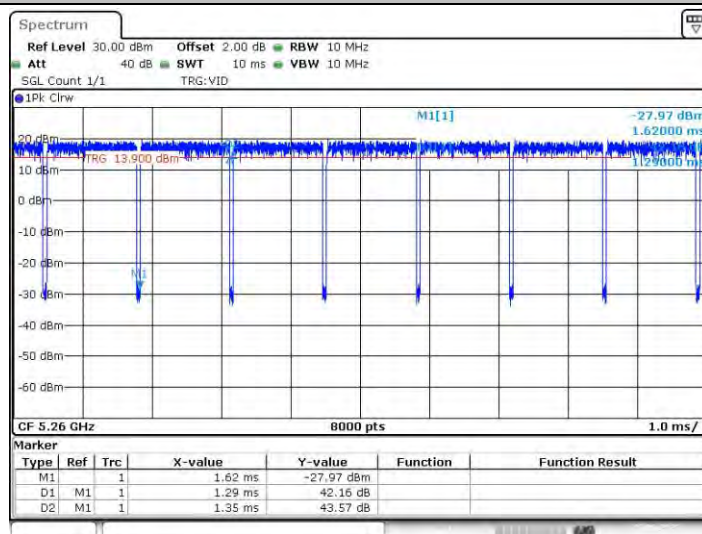
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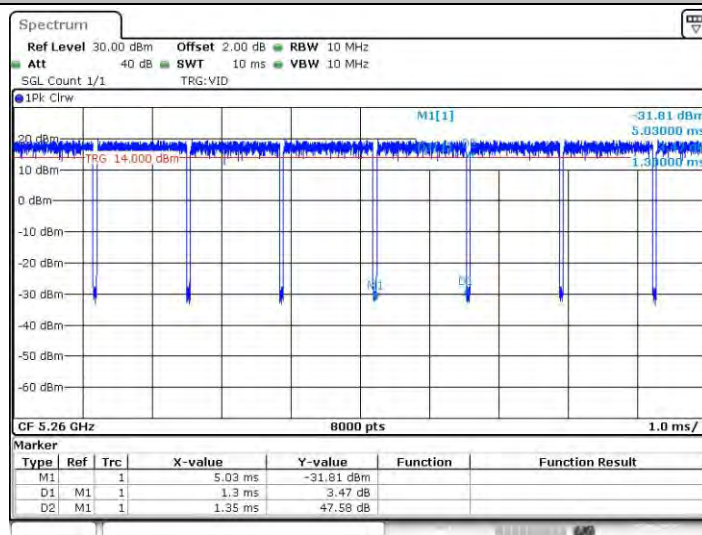


11N20MIMO_Ant1_5260



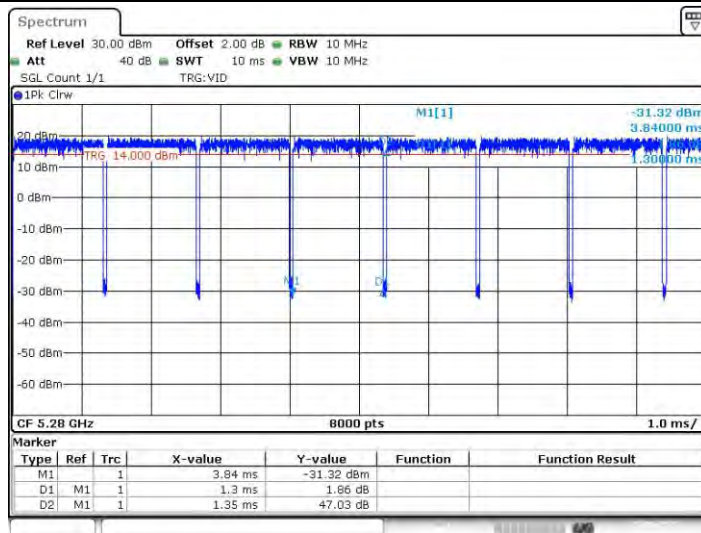
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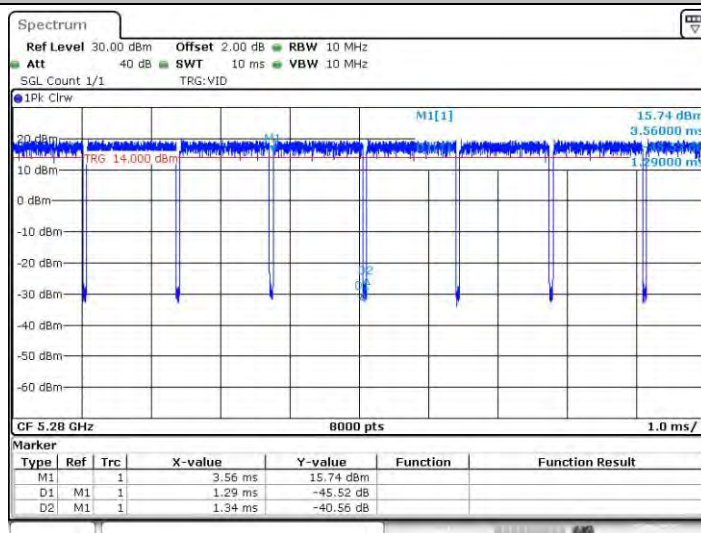
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11N20MIMO_Ant1_5280



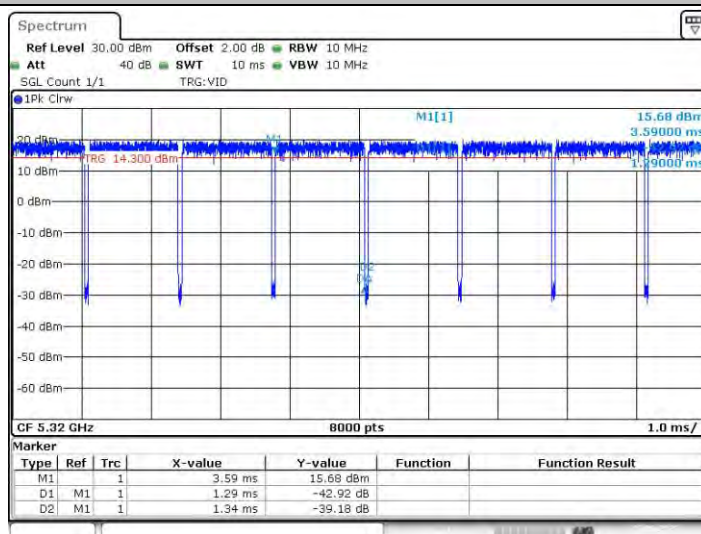
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11N20MIMO_Ant2_5280



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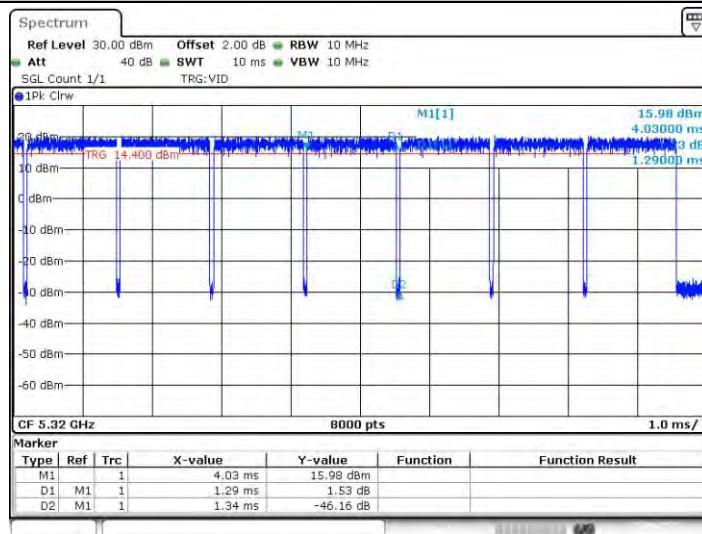
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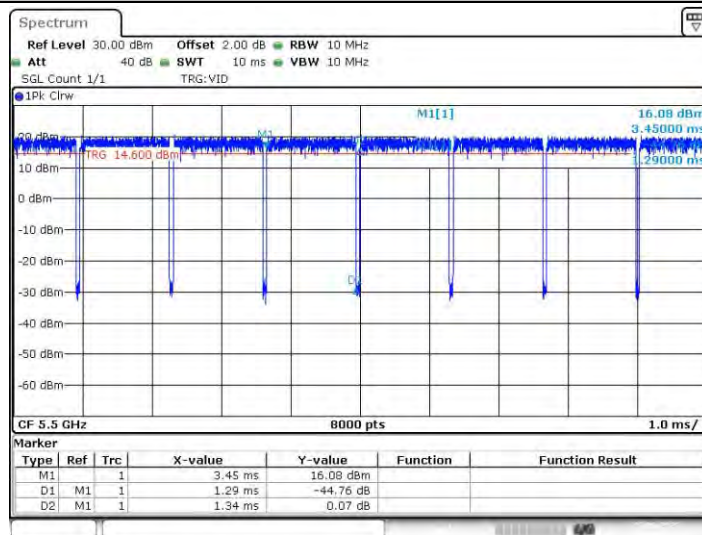


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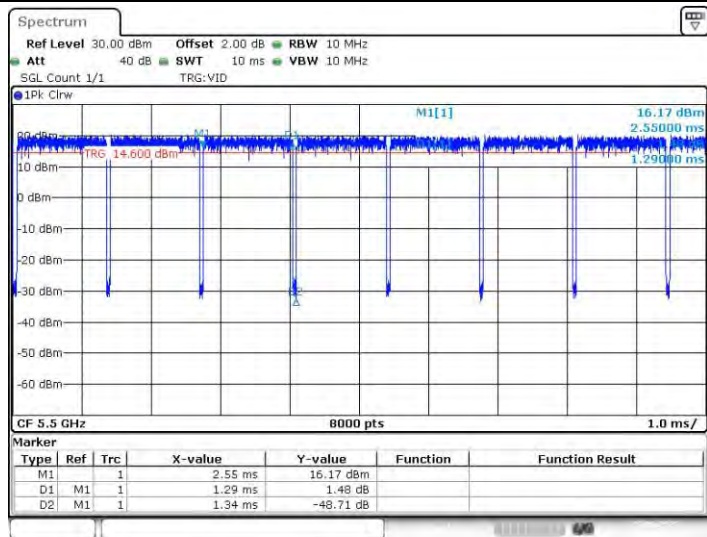
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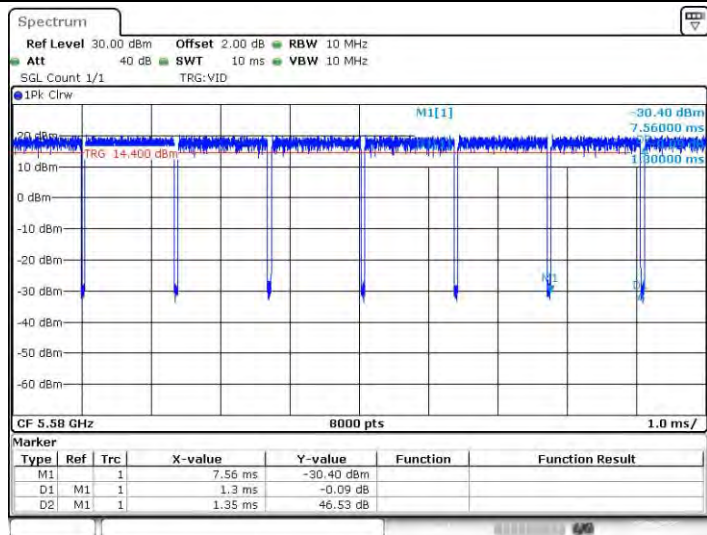
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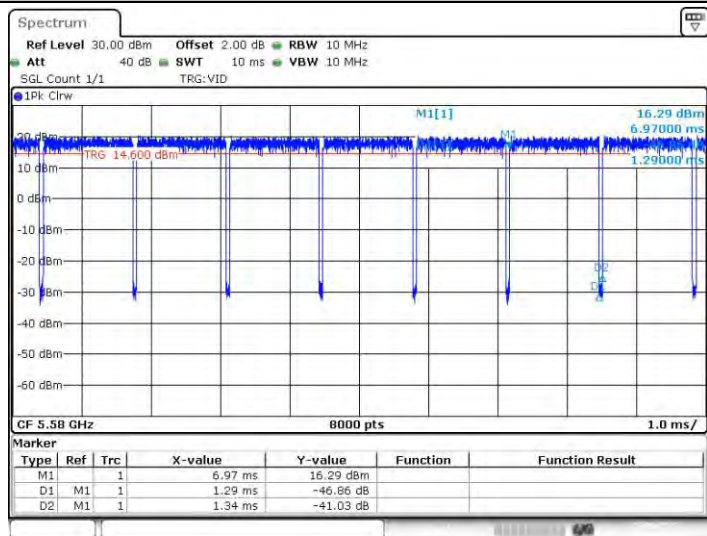
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11N20MIMO_Ant1_5580



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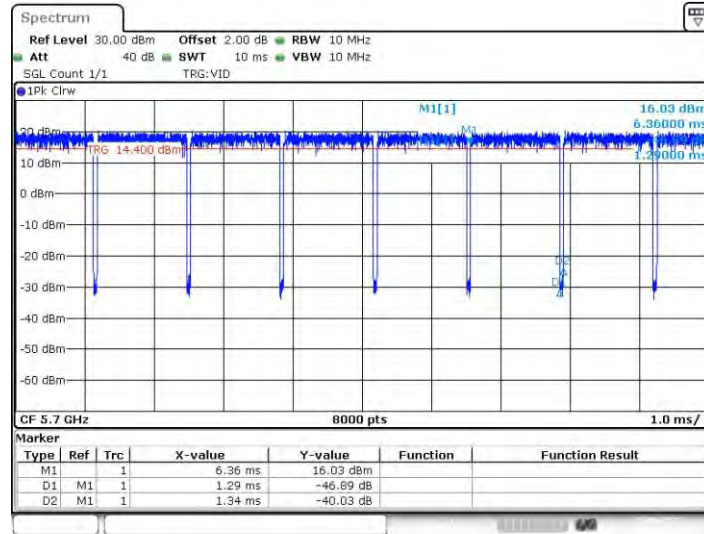
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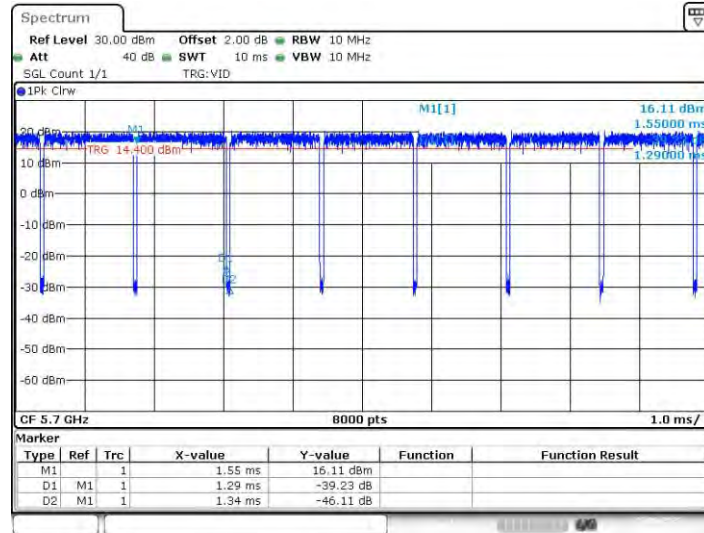


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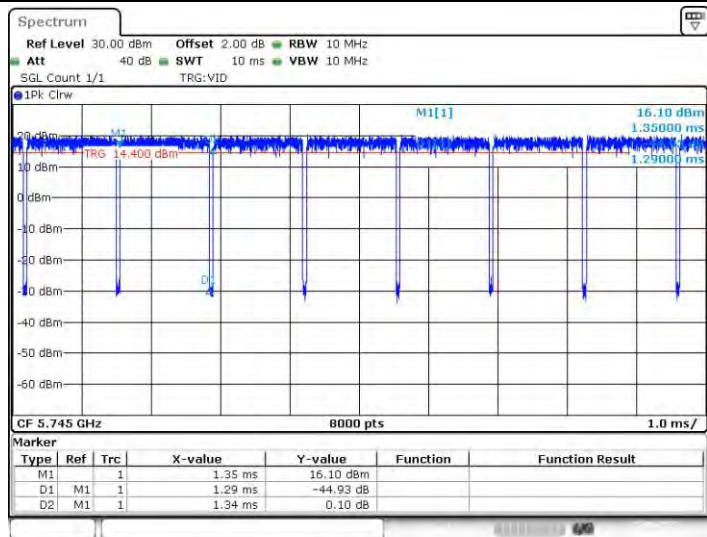
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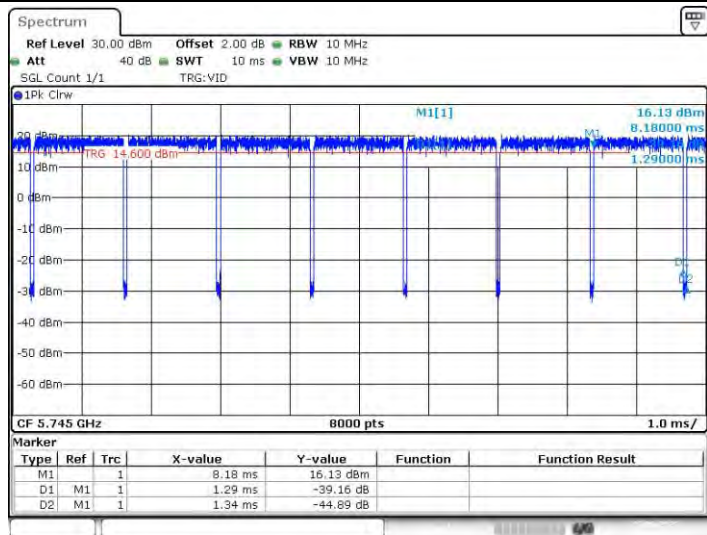
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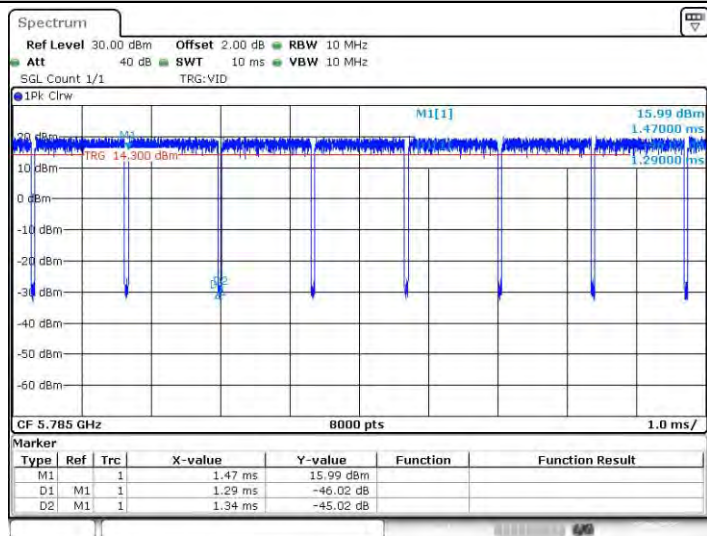
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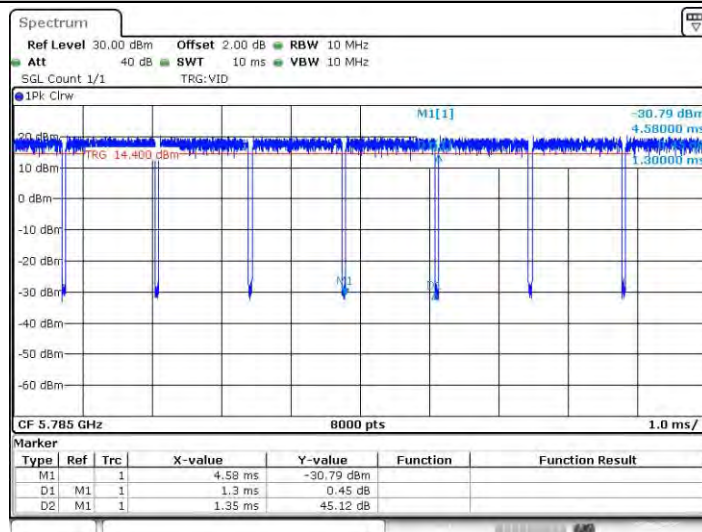
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Date: 7.SEP.2022 18:07:23

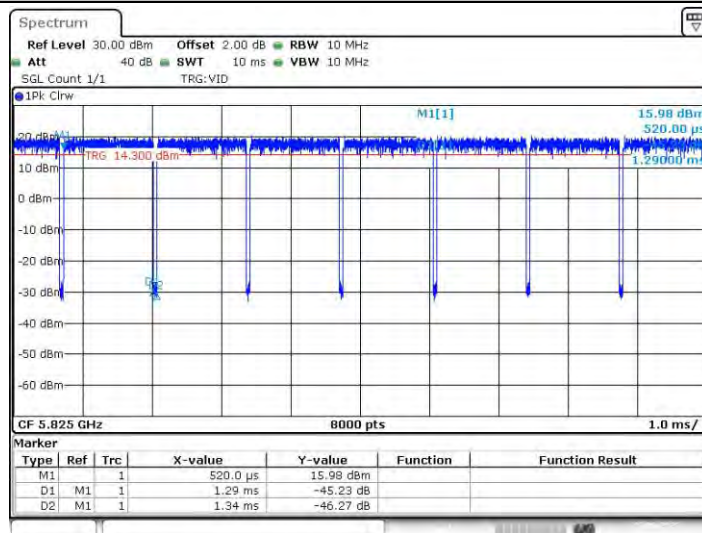


11N20MIMO_Ant2_5785



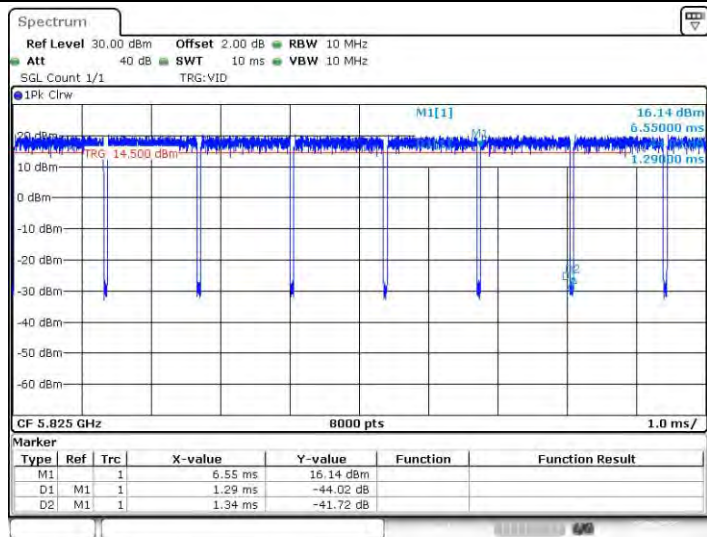
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11N20MIMO_Ant1_5825



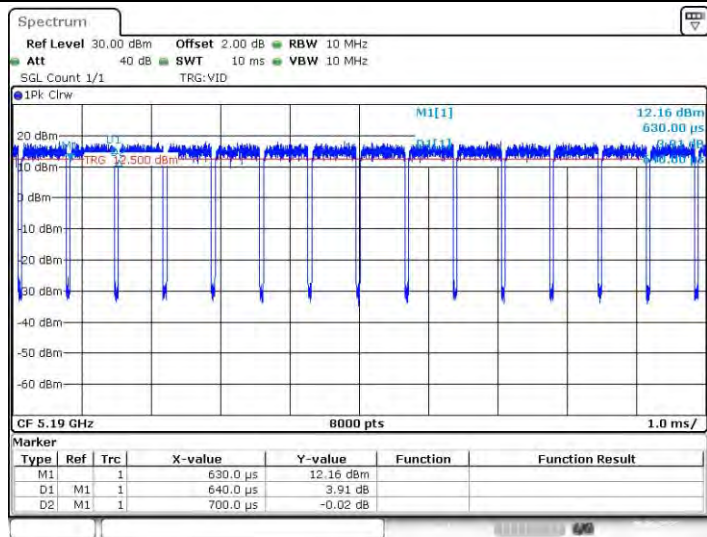
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11N20MIMO_Ant2_5825



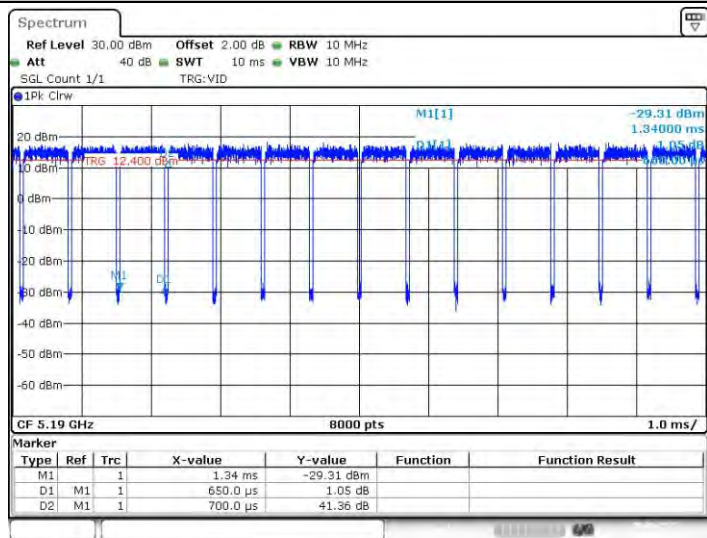
Date: 7.SEP.2022 18:28:33

11N40MIMO_Ant1_5190



Date: 8.SEP.2022 08:59:40

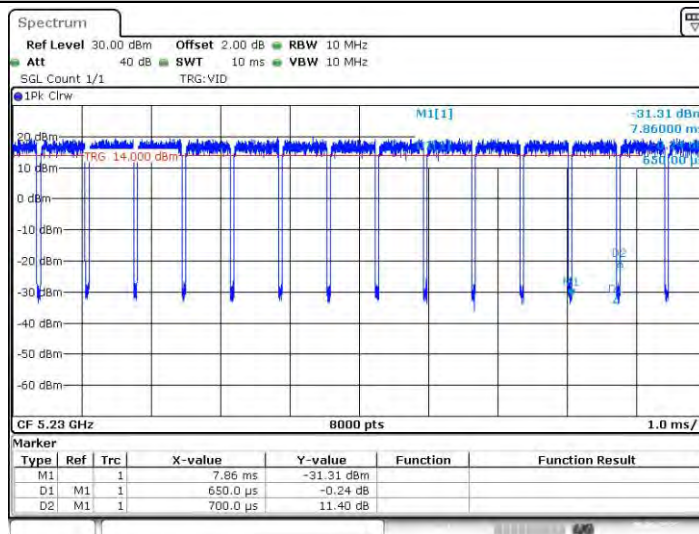
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Date: 8.SEP.2022 09:00:57

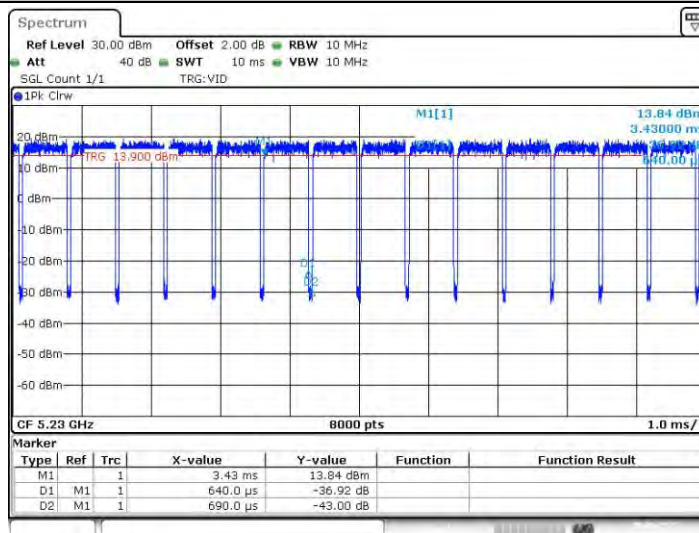


11N40MIMO_Ant1_5230



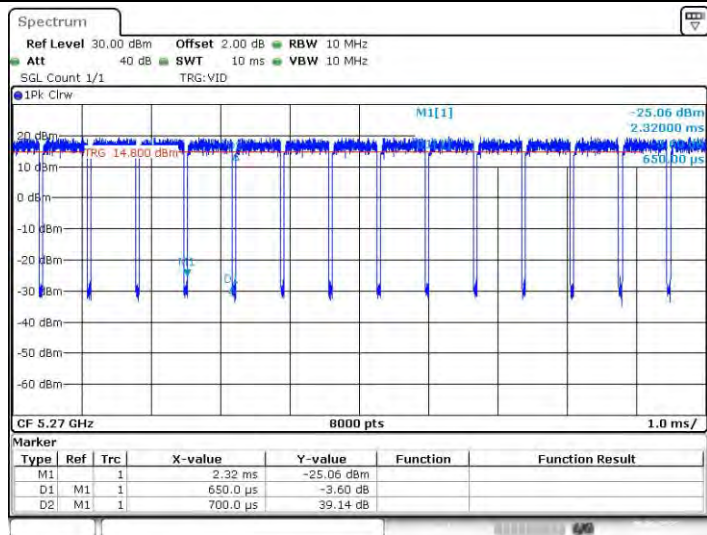
Date: 8.SEP.2022 09:04:47

11N40MIMO_Ant2_5230

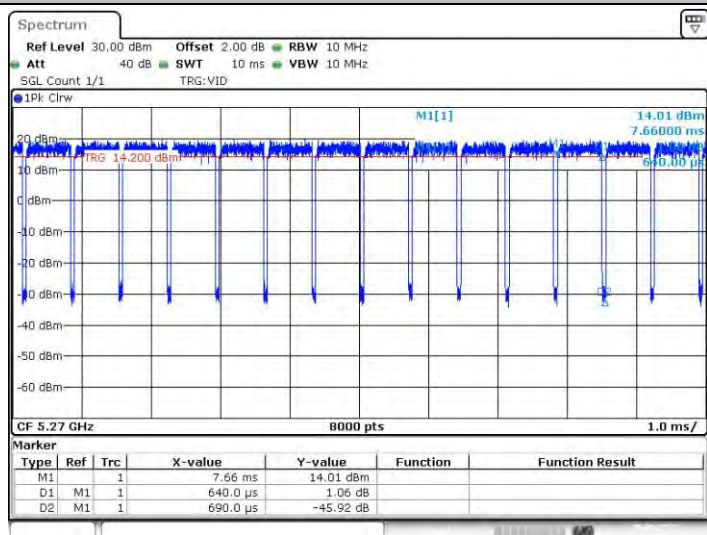


Date: 8.SEP.2022 09:06:03

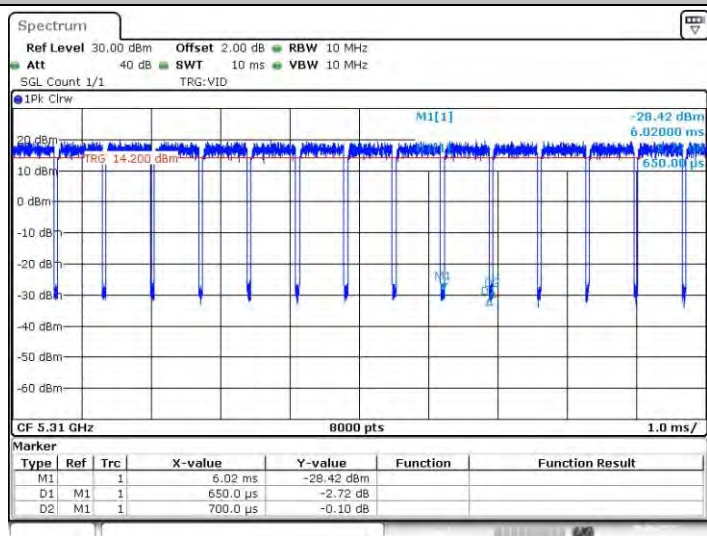
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11N40MIMO_Ant2_5270

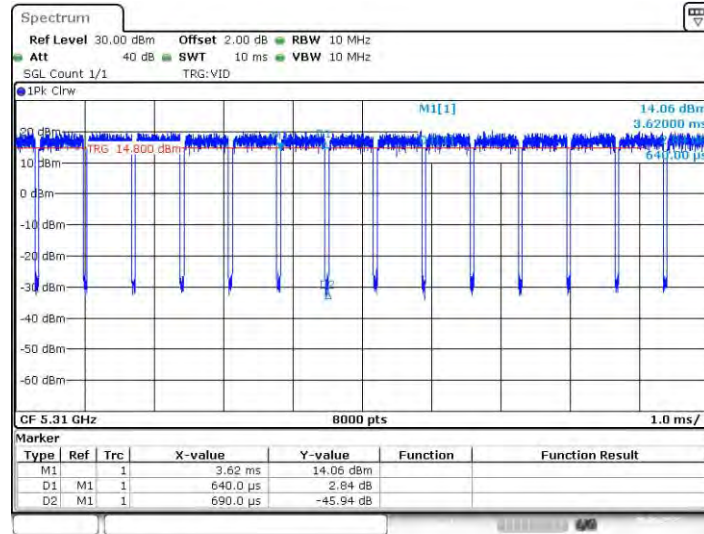


11N40MIMO_Ant1_5310

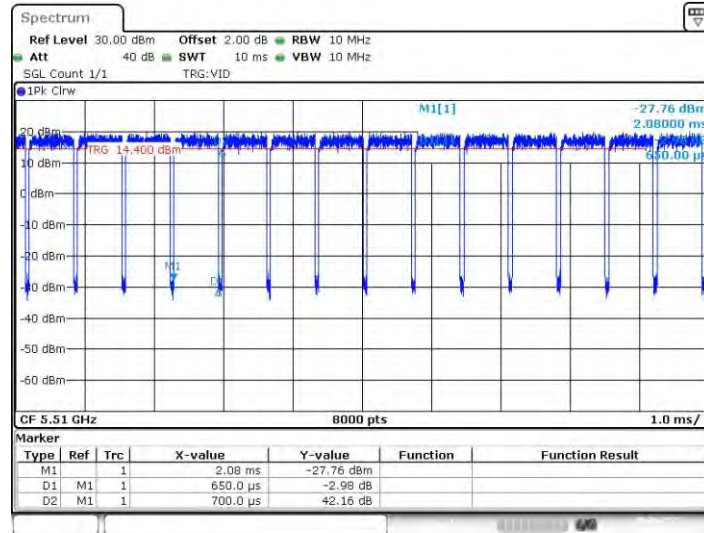




11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510



11N40MIMO_Ant2_5510