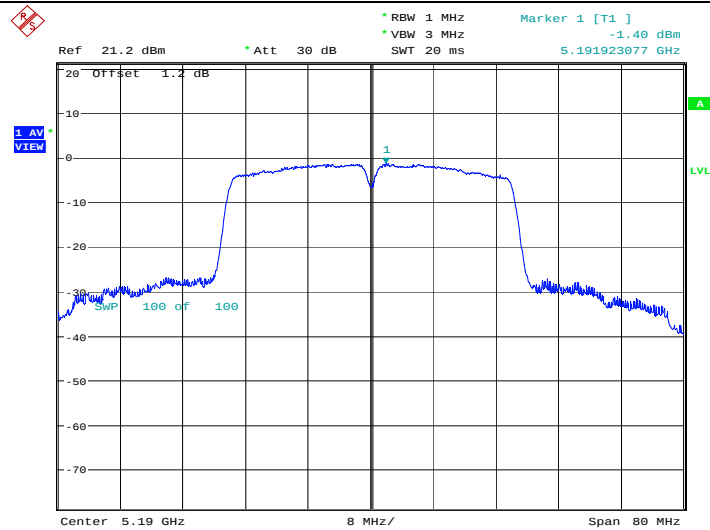
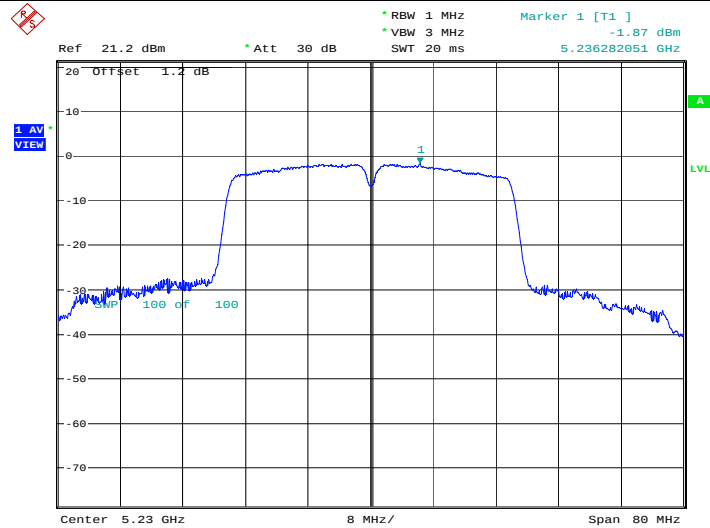




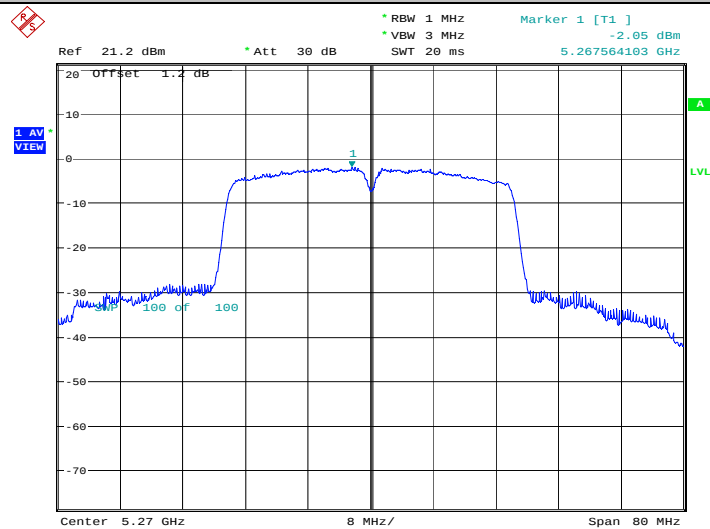
Date: 8.DEC.2020 11:07:18

11N40SISO_Ant1_5230



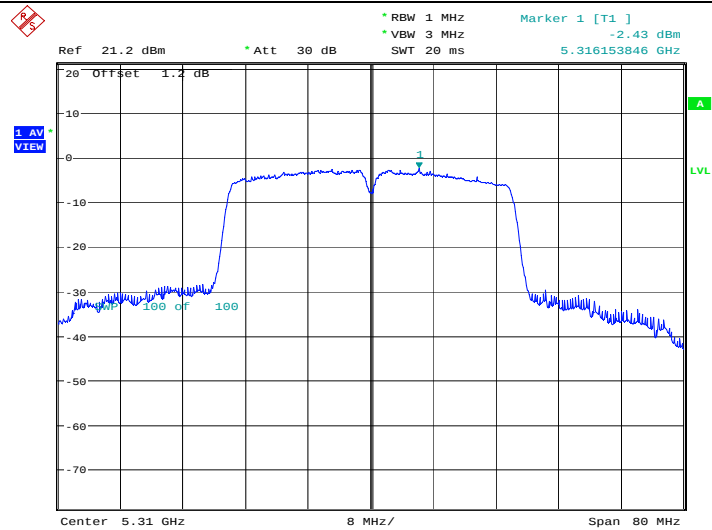
Date: 8.DEC.2020 11:11:29

11N40SISO_Ant1_5270



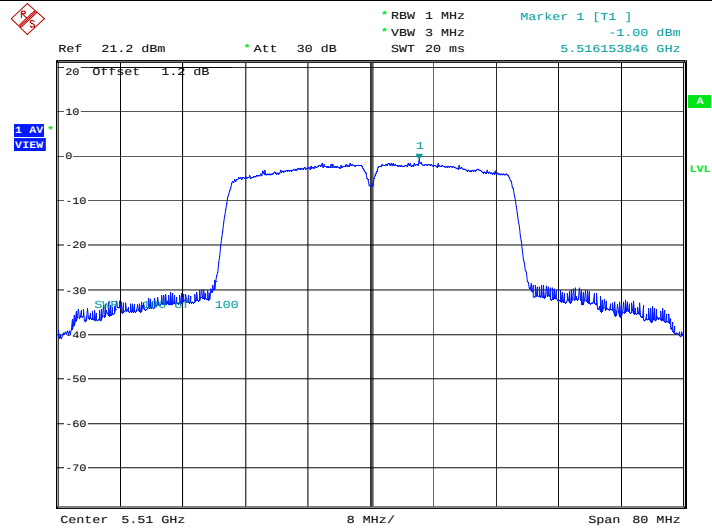
Date: 8.DEC.2020 11:20:08

11N40SISO_Ant1_5310



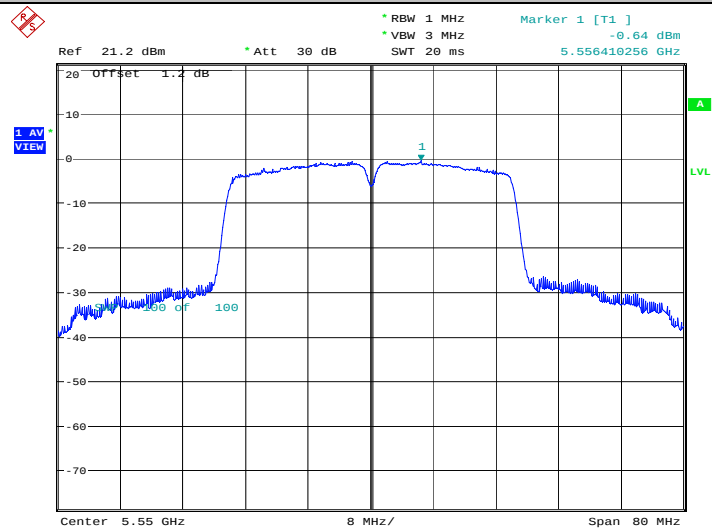
Date: 8.DEC.2020 11:23:46

11N40SISO_Ant1_5510



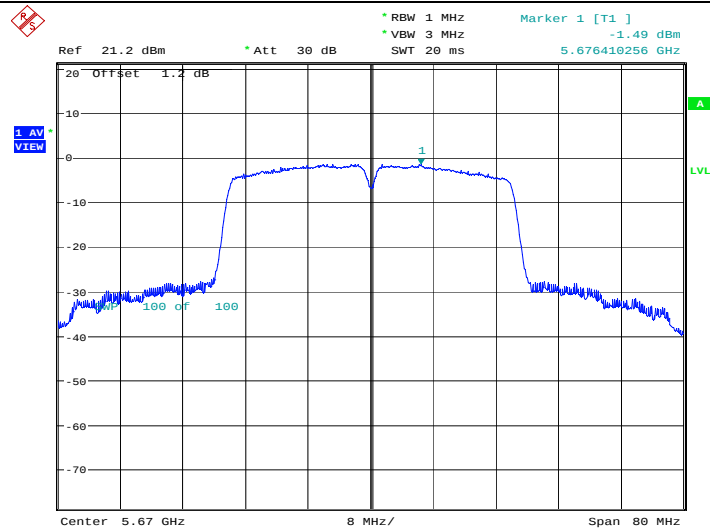
Date: 11.DEC.2020 15:14:57

11N40SISO_Ant1_5550



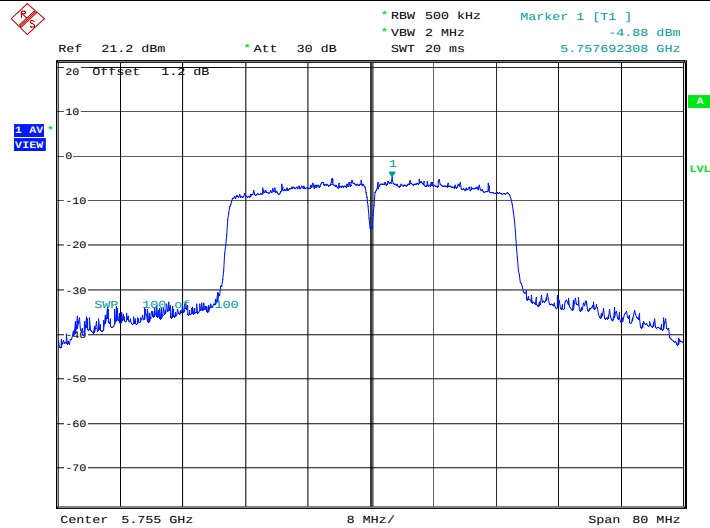
Date: 11.DEC.2020 15:19:23

11N40SISO_Ant1_5670



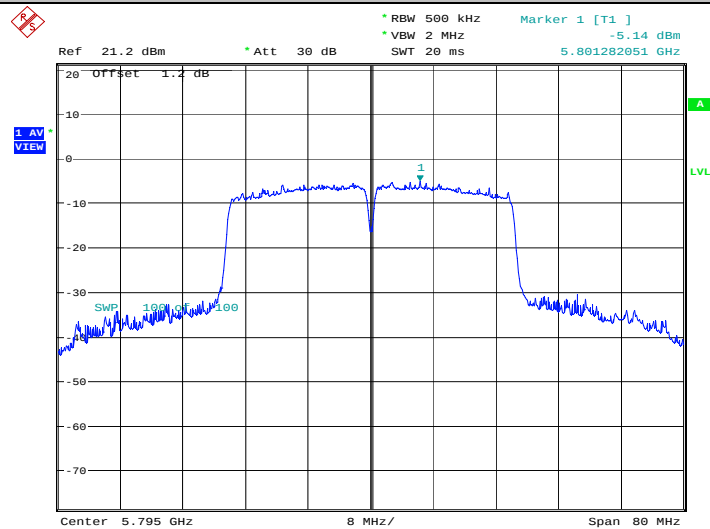
Date: 11.DEC.2020 15:23:28

11N40SISO_Ant1_5755



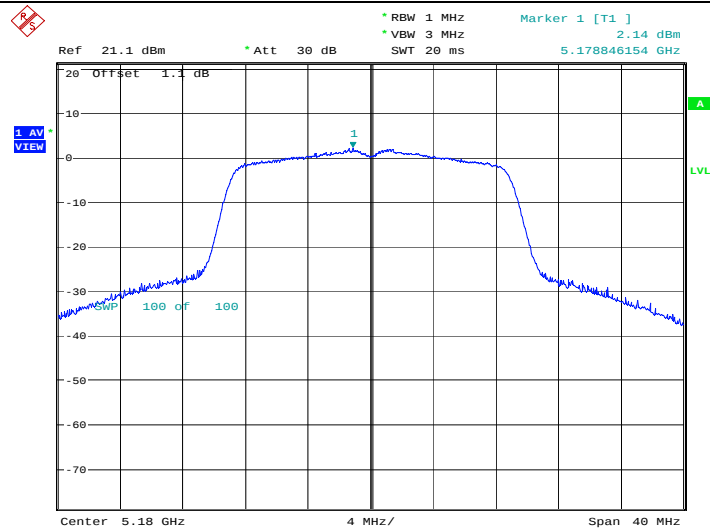
Date: 8.DEC.2020 13:06:41

11N40SISO_Ant1_5795



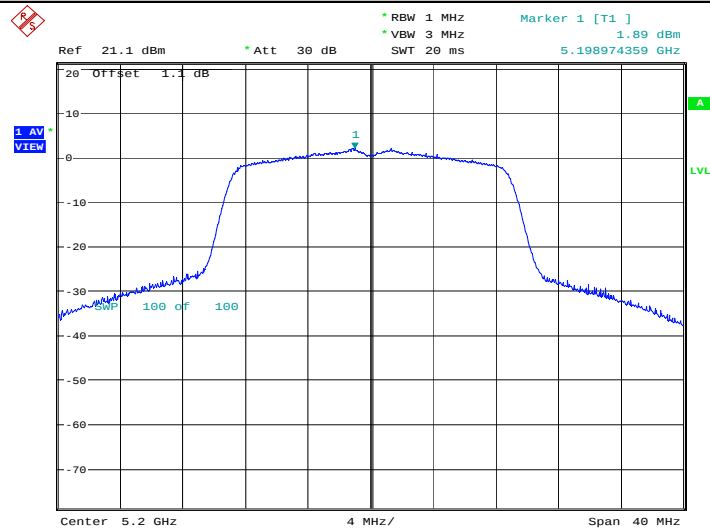
Date: 8.DEC.2020 13:11:37

11AC20SISO_Ant1_5180



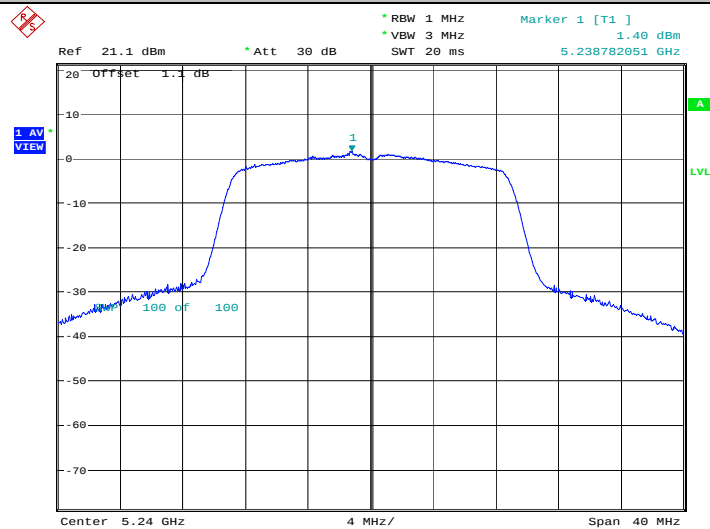
Date: 8.DEC.2020 13:16:03

11AC20SISO_Ant1_5200



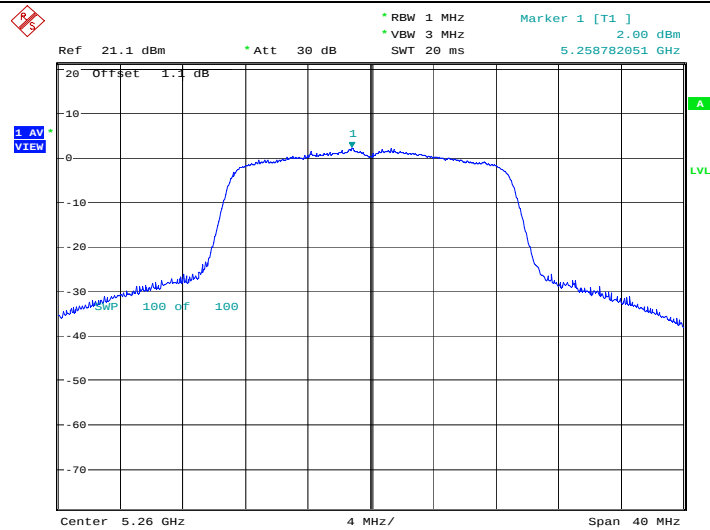
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11AC20SISO_Ant1_5240



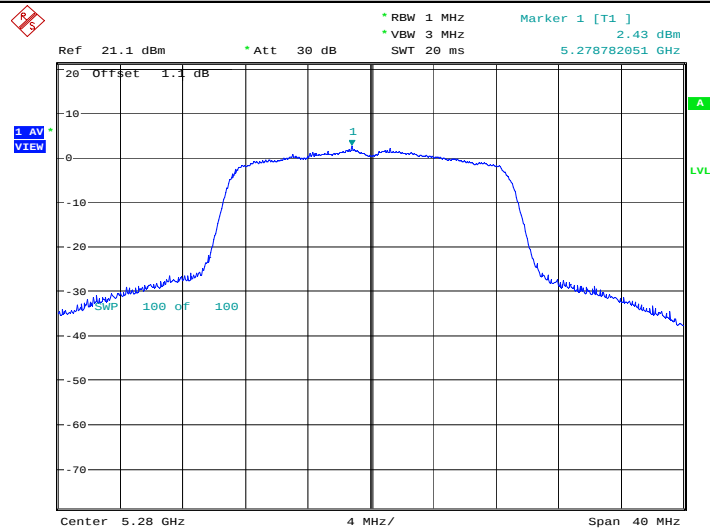
Date: 8.DEC.2020 13:23:50

11AC20SISO_Ant1_5260



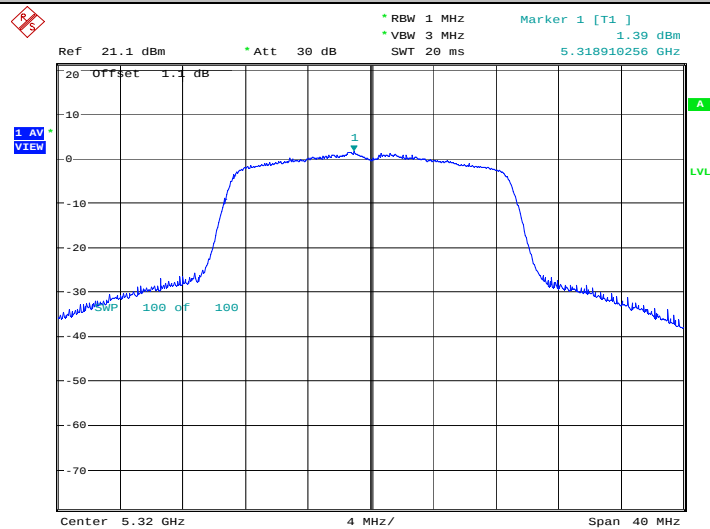
Date: 8.DEC.2020 13:27:34

11AC20SISO_Ant1_5280



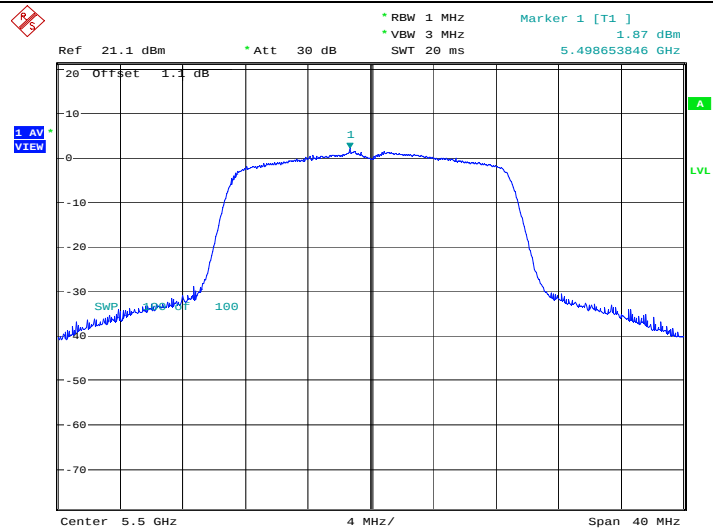
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11AC20SISO_Ant1_5320



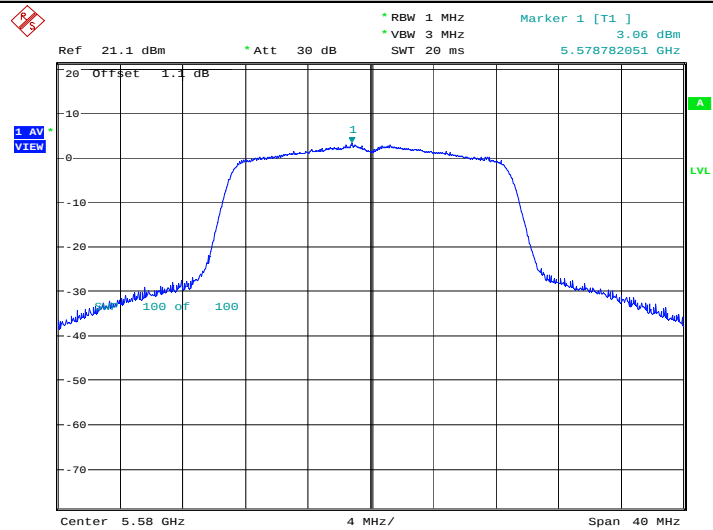
Date: 8.DEC.2020 13:34:59

11AC20SISO_Ant1_5500



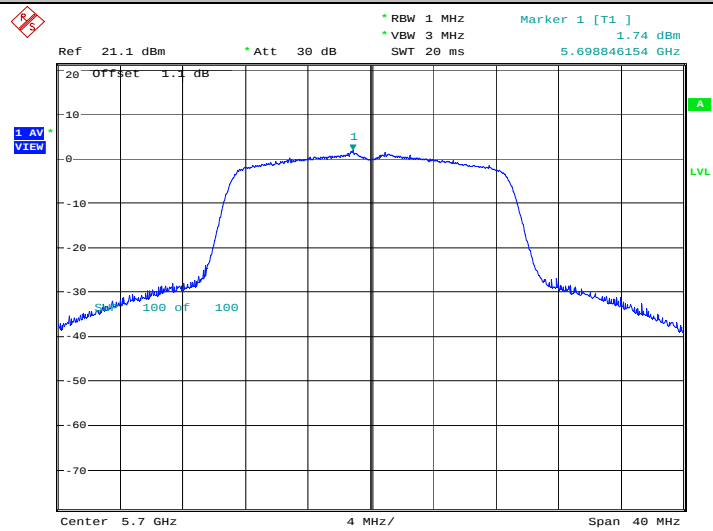
Date: 11.DEC.2020 15:27:49

11AC20SISO_Ant1_5580



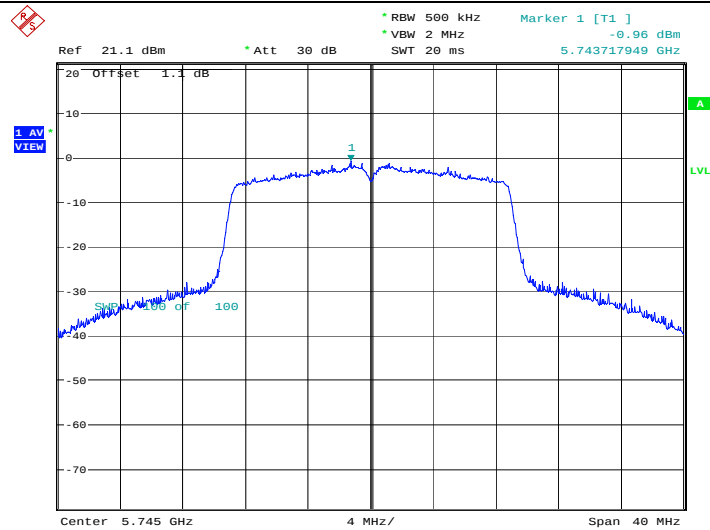
Date: 11.DEC.2020 15:32:07

11AC20SISO_Ant1_5700



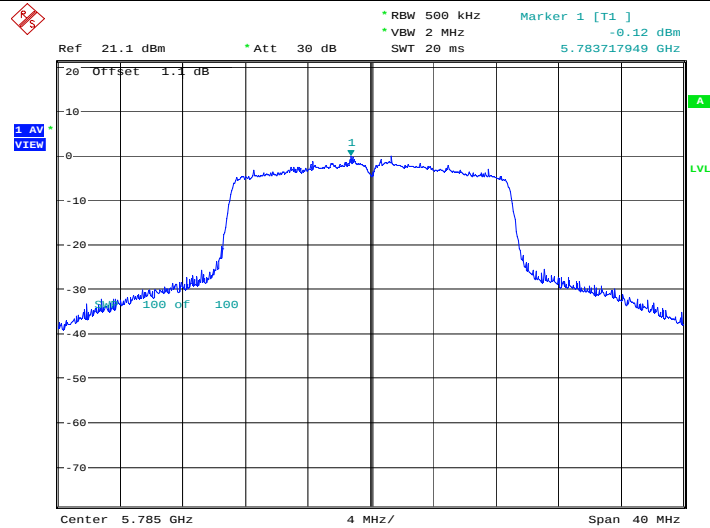
Date: 11.DEC.2020 15:35:49

11AC20SISO_Ant1_5745



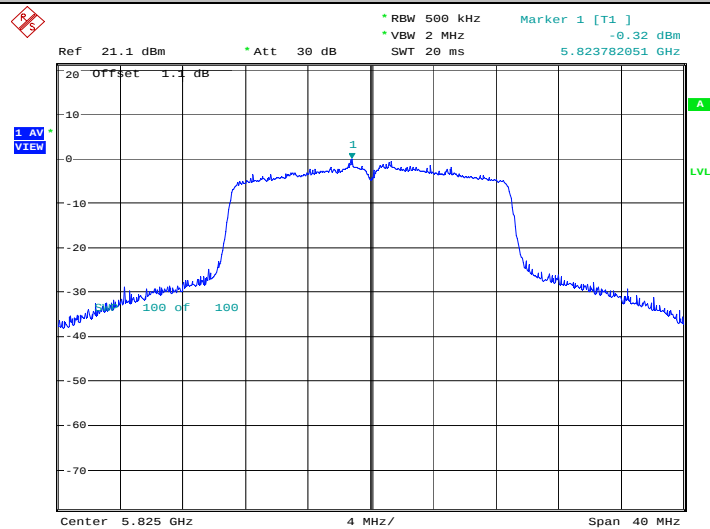
Date: 8.DEC.2020 13:40:37

11AC20SISO_Ant1_5785



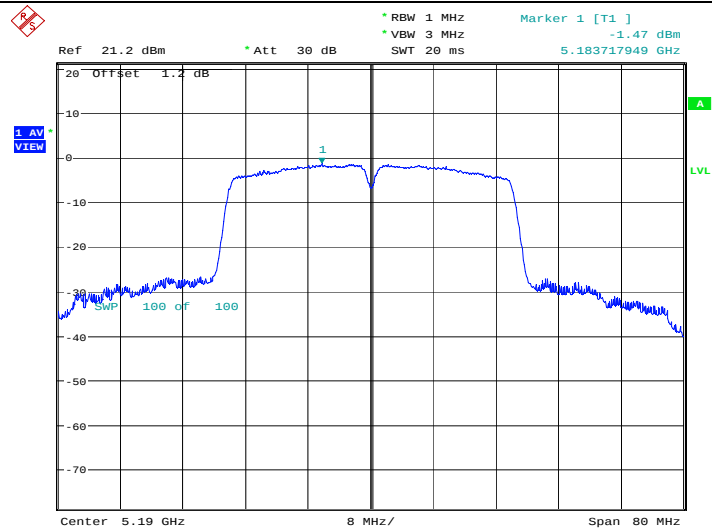
Date: 8.DEC.2020 13:45:31

11AC20SISO_Ant1_5825



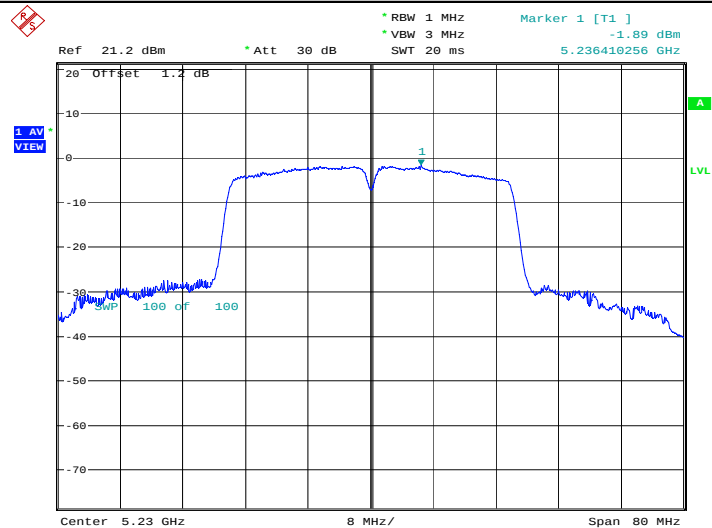
Date: 8.DEC.2020 13:50:14

11AC40SISO_Ant1_5190



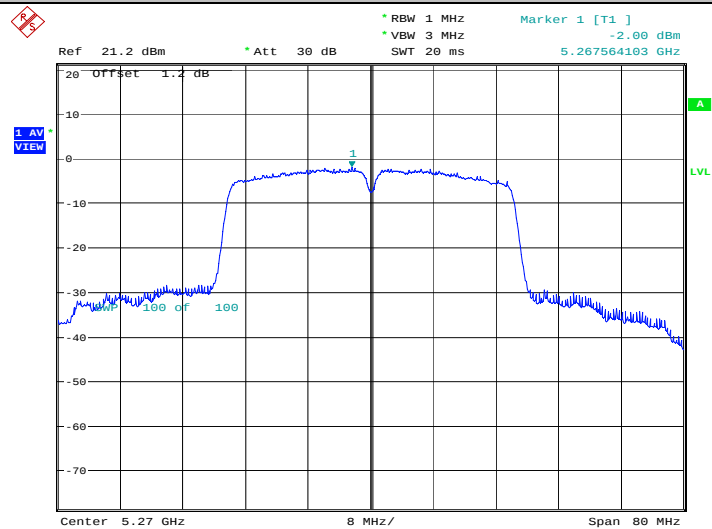
Date: 8.DEC.2020 13:55:53

11AC40SISO_Ant1_5230



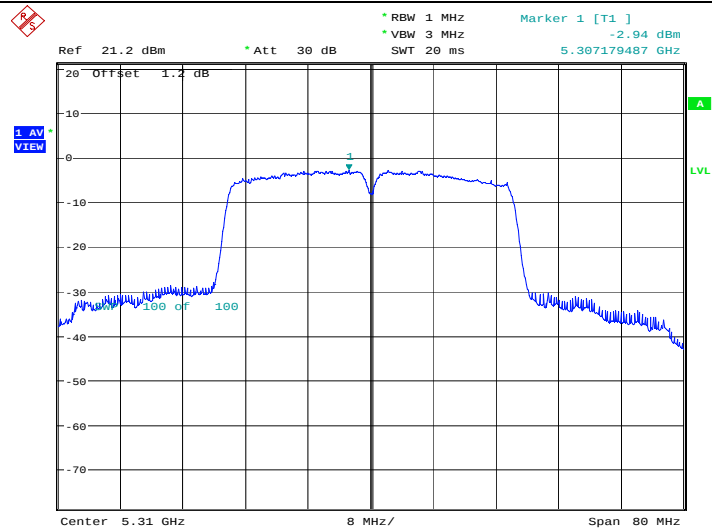
Date: 8.DEC.2020 14:04:48

11AC40SISO_Ant1_5270



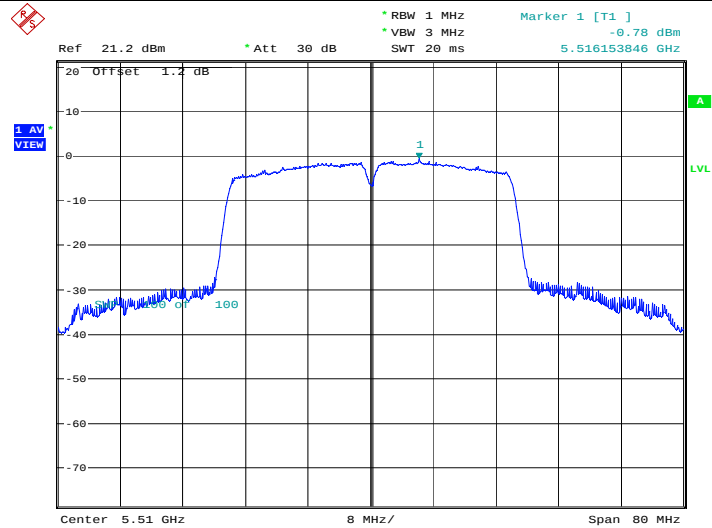
Date: 8.DEC.2020 14:09:17

11AC40SISO_Ant1_5310



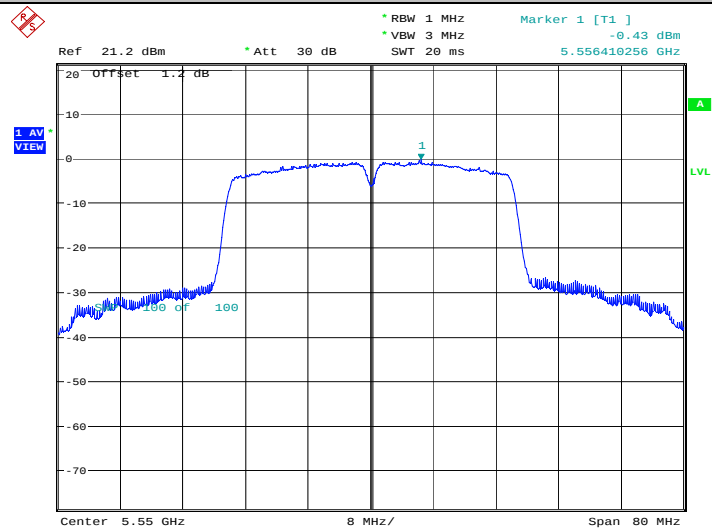
Date: 8.DEC.2020 14:13:41

11AC40SISO_Ant1_5510



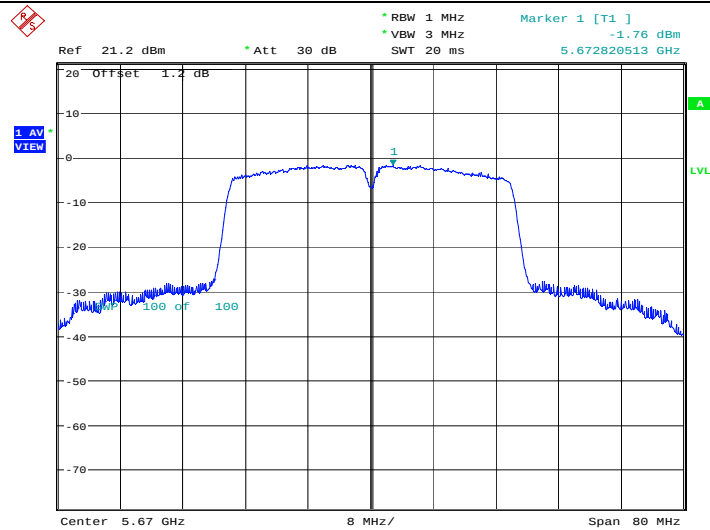
Date: 11.DEC.2020 15:40:00

11AC40SISO_Ant1_5550



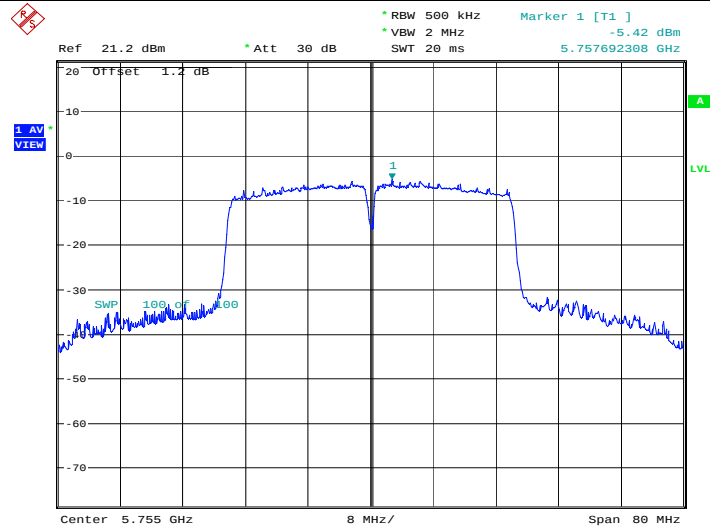
Date: 11.DEC.2020 15:44:11

11AC40SISO_Ant1_5670



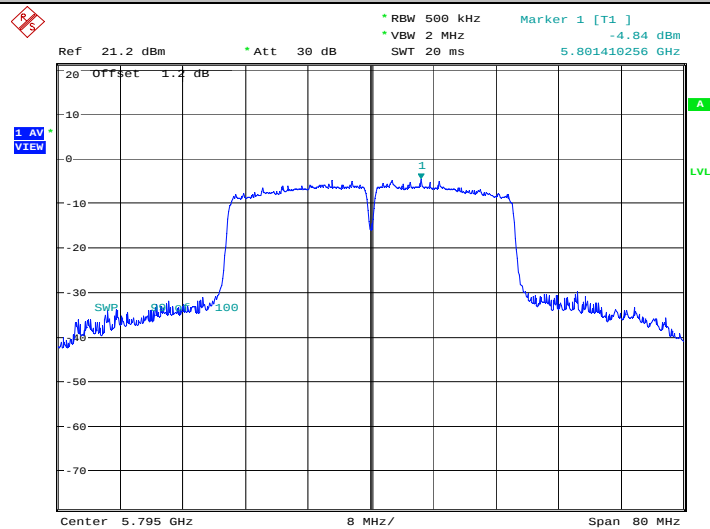
Date: 11.DEC.2020 15:47:56

11AC40SISO_Ant1_5755



Date: 8.DEC.2020 14:18:24

11AC40SISO_Ant1_5795



Date: 8.DEC.2020 14:22:48

Appendix D: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	Ant1	5180	NV	NT	-20800	-4.015444	20	PASS
			LV	NT	-20800	-4.015444	20	PASS
			HV	NT	-20800	-4.015444	20	PASS
		5200	NV	NT	-20800	-4.000000	20	PASS
			LV	NT	-20800	-4.000000	20	PASS
			HV	NT	-20800	-4.000000	20	PASS
		5240	NV	NT	-20800	-3.969466	20	PASS
			LV	NT	-20800	-3.969466	20	PASS
			HV	NT	-20800	-3.969466	20	PASS
		5260	NV	NT	-20800	-3.954373	20	PASS
			LV	NT	-20800	-3.954373	20	PASS
			HV	NT	-20800	-3.954373	20	PASS
		5280	NV	NT	-20800	-3.939394	20	PASS
			LV	NT	-20800	-3.939394	20	PASS
			HV	NT	-20800	-3.939394	20	PASS
		5320	NV	NT	-20800	-3.909774	20	PASS
			LV	NT	-20800	-3.909774	20	PASS
			HV	NT	-20800	-3.909774	20	PASS
		5500	NV	NT	-21600	-3.927273	20	PASS
			LV	NT	-21600	-3.927273	20	PASS
			HV	NT	-21600	-3.927273	20	PASS
		5580	NV	NT	-22400	-4.014337	20	PASS
			LV	NT	-22400	-4.014337	20	PASS
			HV	NT	-22400	-4.014337	20	PASS
		5700	NV	NT	-22400	-3.929825	20	PASS
			LV	NT	-22400	-3.929825	20	PASS
			HV	NT	-22400	-3.929825	20	PASS
		5745	NV	NT	-22400	-3.899043	20	PASS
			LV	NT	-23200	-4.038294	20	PASS
			HV	NT	-22400	-3.899043	20	PASS
		5785	NV	NT	-23200	-4.010372	20	PASS
			LV	NT	-22400	-3.872083	20	PASS
			HV	NT	-22400	-3.872083	20	PASS
		5825	NV	NT	-23200	-3.982833	20	PASS
			LV	NT	-22400	-3.845494	20	PASS
			HV	NT	-23200	-3.982833	20	PASS
40MHz	Ant1	5190	NV	NT	-20800	-4.007707	20	PASS
			LV	NT	-20000	-3.853565	20	PASS
			HV	NT	-20000	-3.853565	20	PASS
		5230	NV	NT	-20800	-3.977055	20	PASS

			LV	NT	-20800	-3.977055	20	PASS
			HV	NT	-20800	-3.977055	20	PASS
		5270	NV	NT	-20800	-3.946869	20	PASS
			LV	NT	-20800	-3.946869	20	PASS
			HV	NT	-20800	-3.946869	20	PASS
			NV	NT	-20800	-3.917137	20	PASS
		5310	LV	NT	-20800	-3.917137	20	PASS
			HV	NT	-20800	-3.917137	20	PASS
			NV	NT	-21600	-3.920145	20	PASS
			LV	NT	-21600	-3.920145	20	PASS
		5510	HV	NT	-21600	-3.920145	20	PASS
			NV	NT	-21600	-3.891892	20	PASS
			LV	NT	-21600	-3.891892	20	PASS
			HV	NT	-21600	-3.891892	20	PASS
		5550	NV	NT	-22400	-3.950617	20	PASS
			LV	NT	-22400	-3.950617	20	PASS
			HV	NT	-22400	-3.950617	20	PASS
			NV	NT	-23200	-4.031277	20	PASS
		5755	LV	NT	-22400	-3.892268	20	PASS
			HV	NT	-22400	-3.892268	20	PASS
			NV	NT	-23200	-4.003451	20	PASS
			LV	NT	-23200	-4.003451	20	PASS
		5795	HV	NT	-22400	-3.865401	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20MHz	Ant1	5180	NV	-10	-20800	-4.015444	20	PASS
			NV	0	-20800	-4.015444	20	PASS
			NV	10	-20800	-4.015444	20	PASS
			NV	20	-20800	-4.015444	20	PASS
			NV	30	-20800	-4.015444	20	PASS
			NV	40	-20800	-4.015444	20	PASS
		5200	NV	-10	-20800	-4.000000	20	PASS
			NV	0	-20800	-4.000000	20	PASS
			NV	10	-20800	-4.000000	20	PASS
			NV	20	-20800	-4.000000	20	PASS
			NV	30	-20800	-4.000000	20	PASS
			NV	40	-20800	-4.000000	20	PASS
		5240	NV	-10	-20800	-3.969466	20	PASS
			NV	0	-20800	-3.969466	20	PASS
			NV	10	-20800	-3.969466	20	PASS
			NV	20	-20800	-3.969466	20	PASS
			NV	30	-20800	-3.969466	20	PASS
			NV	40	-20800	-3.969466	20	PASS
		5260	NV	-10	-20800	-3.954373	20	PASS
			NV	0	-20800	-3.954373	20	PASS

			NV	10	-20800	-3.954373	20	PASS
			NV	20	-20800	-3.954373	20	PASS
			NV	30	-20800	-3.954373	20	PASS
			NV	40	-20800	-3.954373	20	PASS
		5280	NV	-10	-20800	-3.939394	20	PASS
			NV	0	-20800	-3.939394	20	PASS
			NV	10	-20800	-3.939394	20	PASS
			NV	20	-20800	-3.939394	20	PASS
			NV	30	-20800	-3.939394	20	PASS
			NV	40	-20800	-3.939394	20	PASS
		5320	NV	-10	-20800	-3.909774	20	PASS
			NV	0	-20800	-3.909774	20	PASS
			NV	10	-21600	-4.060150	20	PASS
			NV	20	-20800	-3.909774	20	PASS
			NV	30	-20800	-3.909774	20	PASS
			NV	40	-20800	-3.909774	20	PASS
		5500	NV	-10	-21600	-3.927273	20	PASS
			NV	0	-21600	-3.927273	20	PASS
			NV	10	-21600	-3.927273	20	PASS
			NV	20	-21600	-3.927273	20	PASS
			NV	30	-21600	-3.927273	20	PASS
			NV	40	-21600	-3.927273	20	PASS
		5580	NV	-10	-22400	-4.014337	20	PASS
			NV	0	-22400	-4.014337	20	PASS
			NV	10	-22400	-4.014337	20	PASS
			NV	20	-22400	-4.014337	20	PASS
			NV	30	-22400	-4.014337	20	PASS
			NV	40	-22400	-4.014337	20	PASS
		5700	NV	-10	-22400	-3.929825	20	PASS
			NV	0	-22400	-3.929825	20	PASS
			NV	10	-22400	-3.929825	20	PASS
			NV	20	-22400	-3.929825	20	PASS
			NV	30	-22400	-3.929825	20	PASS
			NV	40	-22400	-3.929825	20	PASS
		5745	NV	-10	-22400	-3.899043	20	PASS
			NV	0	-23200	-4.038294	20	PASS
			NV	10	-22400	-3.899043	20	PASS
			NV	20	-22400	-3.899043	20	PASS
			NV	30	-22400	-3.899043	20	PASS
			NV	40	-22400	-3.899043	20	PASS
		5785	NV	-10	-22400	-3.872083	20	PASS
			NV	0	-22400	-3.872083	20	PASS
			NV	10	-22400	-3.872083	20	PASS
			NV	20	-22400	-3.872083	20	PASS
			NV	30	-23200	-4.010372	20	PASS
			NV	40	-23200	-4.010372	20	PASS

		5825	NV	-10	-23200	-3.982833	20	PASS
			NV	0	-22400	-3.845494	20	PASS
			NV	10	-23200	-3.982833	20	PASS
			NV	20	-22400	-3.845494	20	PASS
			NV	30	-22400	-3.845494	20	PASS
			NV	40	-23200	-3.982833	20	PASS
40MHz	Ant1	5190	NV	-10	-20000	-3.853565	20	PASS
			NV	0	-20800	-4.007707	20	PASS
			NV	10	-20000	-3.853565	20	PASS
			NV	20	-20800	-4.007707	20	PASS
			NV	30	-20800	-4.007707	20	PASS
			NV	40	-20800	-4.007707	20	PASS
		5230	NV	-10	-20000	-3.824092	20	PASS
			NV	0	-20800	-3.977055	20	PASS
			NV	10	-20800	-3.977055	20	PASS
			NV	20	-20800	-3.977055	20	PASS
			NV	30	-20800	-3.977055	20	PASS
			NV	40	-20800	-3.977055	20	PASS
		5270	NV	-10	-20800	-3.946869	20	PASS
			NV	0	-20800	-3.946869	20	PASS
			NV	10	-20800	-3.946869	20	PASS
			NV	20	-20800	-3.946869	20	PASS
			NV	30	-20800	-3.946869	20	PASS
			NV	40	-20800	-3.946869	20	PASS
		5310	NV	-10	-20800	-3.917137	20	PASS
			NV	0	-20800	-3.917137	20	PASS
			NV	10	-21600	-4.067797	20	PASS
			NV	20	-20800	-3.917137	20	PASS
			NV	30	-20800	-3.917137	20	PASS
			NV	40	-20800	-3.917137	20	PASS
		5510	NV	-10	-21600	-3.920145	20	PASS
			NV	0	-21600	-3.920145	20	PASS
			NV	10	-21600	-3.920145	20	PASS
			NV	20	-21600	-3.920145	20	PASS
			NV	30	-21600	-3.920145	20	PASS
			NV	40	-21600	-3.920145	20	PASS
		5550	NV	-10	-21600	-3.891892	20	PASS
			NV	0	-21600	-3.891892	20	PASS
			NV	10	-21600	-3.891892	20	PASS
			NV	20	-21600	-3.891892	20	PASS
			NV	30	-21600	-3.891892	20	PASS
			NV	40	-21600	-3.891892	20	PASS
		5670	NV	-10	-22400	-3.950617	20	PASS
			NV	0	-22400	-3.950617	20	PASS
			NV	10	-22400	-3.950617	20	PASS
			NV	20	-21600	-3.809524	20	PASS

			NV	30	-22400	-3.950617	20	PASS
			NV	40	-22400	-3.950617	20	PASS
		5755	NV	-10	-22400	-3.892268	20	PASS
			NV	0	-23200	-4.031277	20	PASS
			NV	10	-22400	-3.892268	20	PASS
			NV	20	-22400	-3.892268	20	PASS
			NV	30	-22400	-3.892268	20	PASS
			NV	40	-22400	-3.892268	20	PASS
		5795	NV	-10	-22400	-3.865401	20	PASS
			NV	0	-22400	-3.865401	20	PASS
			NV	10	-22400	-3.865401	20	PASS
			NV	20	-22400	-3.865401	20	PASS
			NV	30	-22400	-3.865401	20	PASS
			NV	40	-22400	-3.865401	20	PASS

Appendix E: Duty Cycle

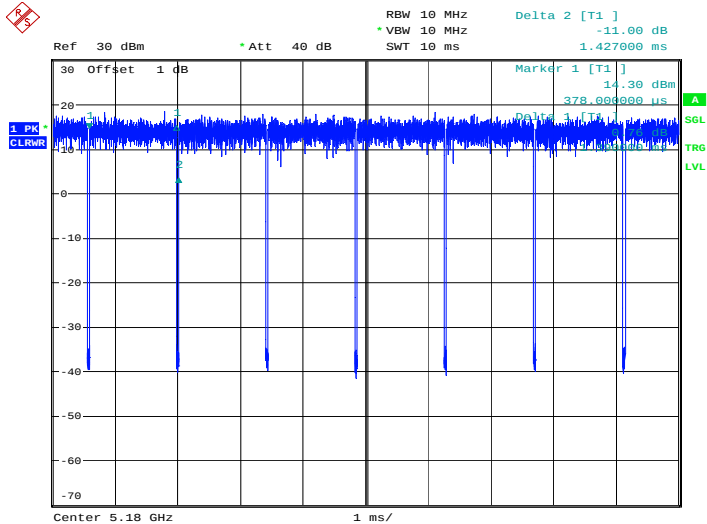
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	Ant1	5180	1.39	1.43	97.41	0.72	1
		5200	1.39	1.43	97.34	0.72	1
		5240	1.39	1.43	97.34	0.72	1
		5260	1.39	1.43	97.34	0.72	1
		5280	1.39	1.43	97.41	0.72	1
		5320	1.39	1.43	97.41	0.72	1
		5500	1.39	1.43	97.34	0.72	1
		5580	1.39	1.43	97.41	0.72	1
		5700	1.39	1.43	97.34	0.72	1
		5745	1.39	1.43	97.34	0.72	1
		5785	1.39	1.43	97.41	0.72	1
		5825	1.39	1.43	97.34	0.72	1
11N20SISO	Ant1	5180	1.30	1.34	97.16	0.77	1
		5200	1.30	1.34	97.23	0.77	1
		5240	1.30	1.34	97.23	0.77	1
		5260	1.30	1.34	97.23	0.77	1
		5280	1.30	1.34	97.16	0.77	1
		5320	1.30	1.34	97.23	0.77	1
		5500	1.30	1.34	97.23	0.77	1
		5580	1.30	1.34	97.23	0.77	1
		5700	1.30	1.34	97.16	0.77	1
		5745	1.30	1.34	97.16	0.77	1
		5785	1.30	1.34	97.16	0.77	1
		5825	1.30	1.34	97.16	0.77	1
11N40SISO	Ant1	5190	0.65	0.68	94.58	1.54	3
		5230	0.65	0.68	94.58	1.54	3
		5270	0.65	0.68	94.58	1.54	3
		5310	0.65	0.68	94.58	1.54	3
		5510	0.65	0.68	94.58	1.54	3
		5550	0.65	0.68	94.58	1.54	3
		5670	0.65	0.68	94.58	1.54	3
		5755	0.65	0.68	94.58	1.54	3
		5795	0.65	0.68	94.58	1.54	3
11AC20SISO	Ant1	5180	1.30	1.34	97.23	0.77	1
		5200	1.30	1.34	97.16	0.77	1
		5240	1.30	1.34	97.16	0.77	1
		5260	1.30	1.34	97.16	0.77	1
		5280	1.30	1.34	97.23	0.77	1

		5320	1.30	1.34	97.23	0.77	1
		5500	1.30	1.34	97.23	0.77	1
		5580	1.30	1.34	97.16	0.77	1
		5700	1.30	1.34	97.16	0.77	1
		5745	1.30	1.34	97.16	0.77	1
		5785	1.30	1.34	97.16	0.77	1
		5825	1.30	1.34	97.16	0.77	1
11AC40SISO	Ant1	5190	0.65	0.68	94.72	1.54	3
		5230	0.65	0.68	94.58	1.54	3
		5270	0.65	0.68	94.58	1.54	3
		5310	0.65	0.68	94.58	1.54	3
		5510	0.65	0.68	94.58	1.54	3
		5550	0.65	0.68	94.58	1.54	3
		5670	0.65	0.68	94.58	1.54	3
		5755	0.65	0.68	94.58	1.54	3
		5795	0.65	0.68	94.58	1.54	3

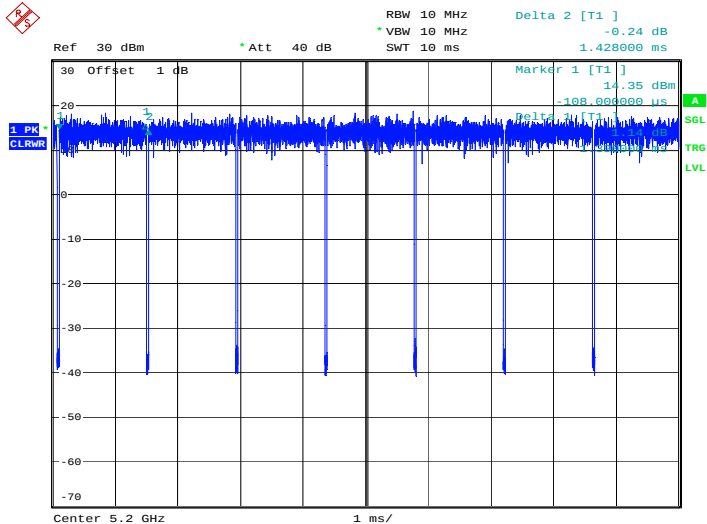
Test Graphs

11A_Ant1_5180



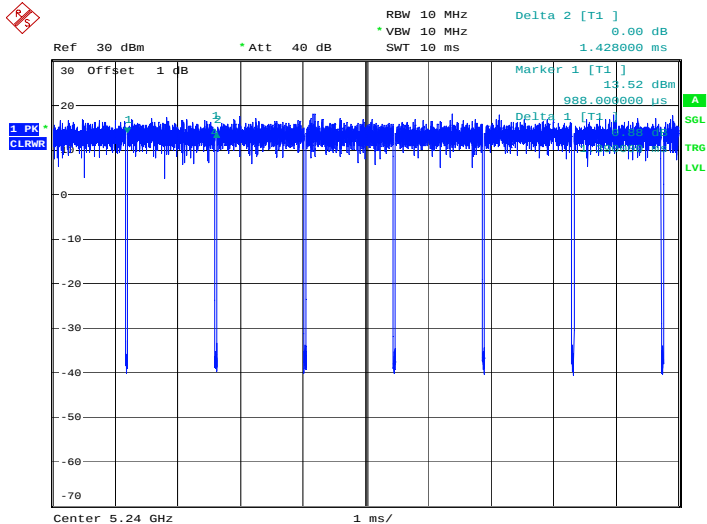
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11A_Ant1_5200



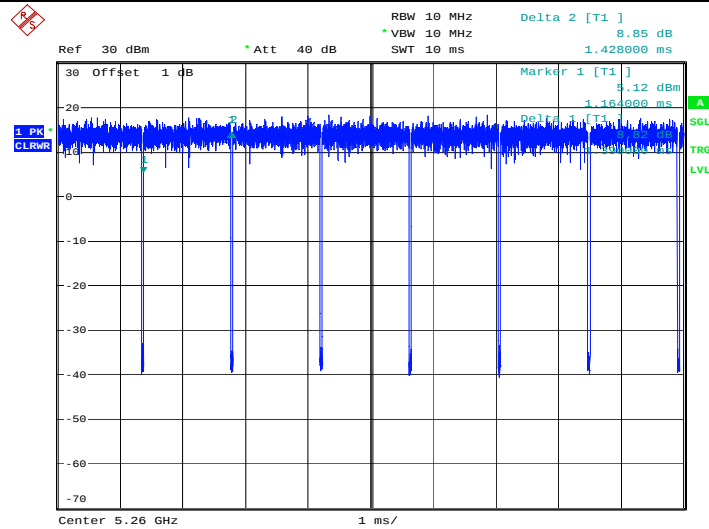
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11A_Ant1_5240



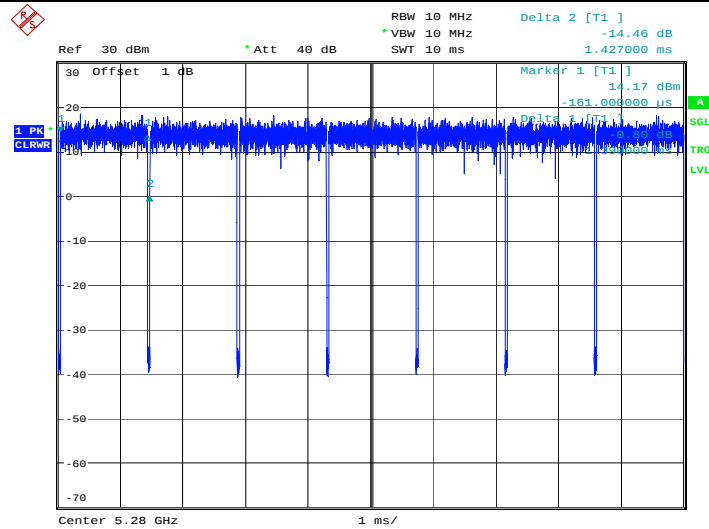
Date: 8.DEC.2020 09:48:13

11A_Ant1_5260



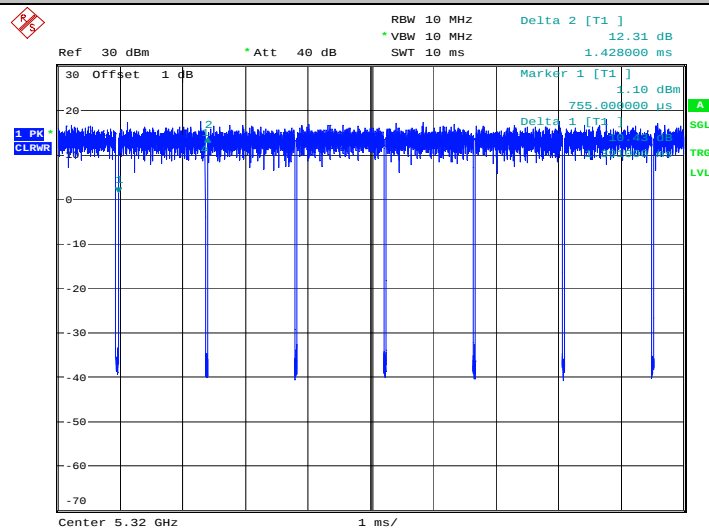
Date: 8.DEC.2020 09:52:30

11A_Ant1_5280



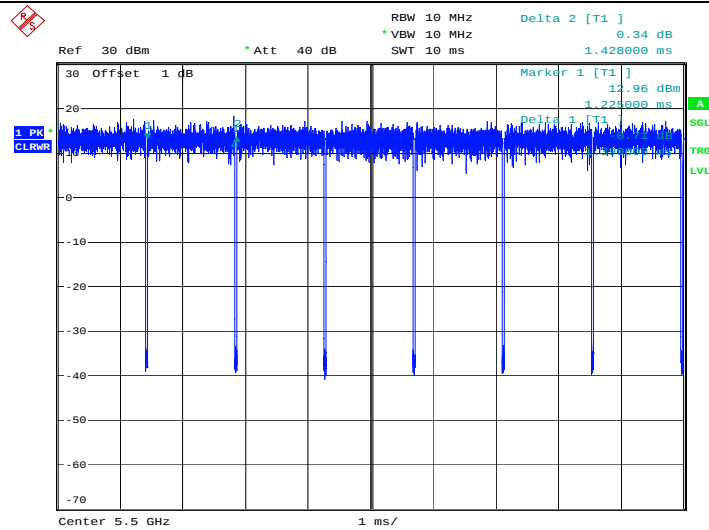
Date: 8.DEC.2020 09:56:13

11A_Ant1_5320



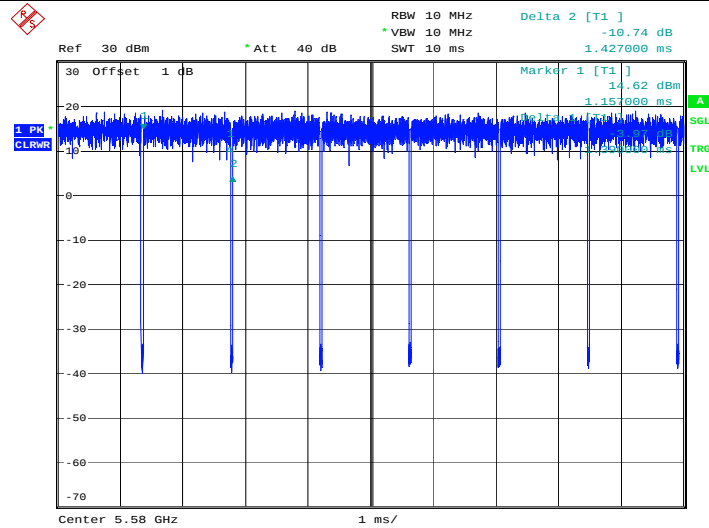
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11A_Ant1_5500



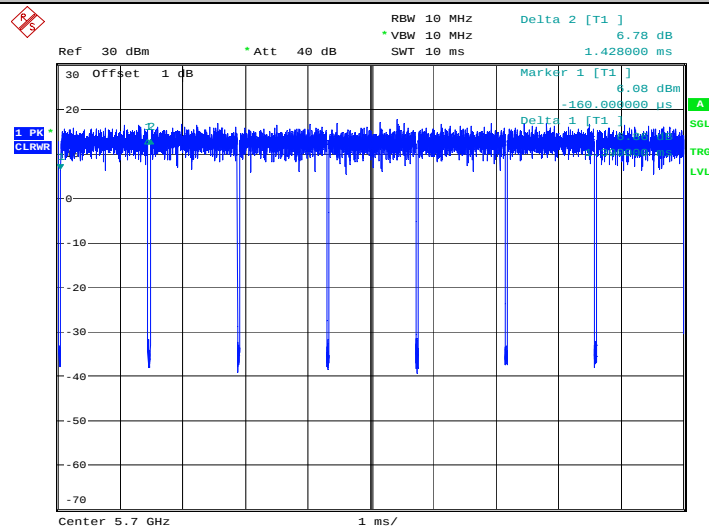
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11A_Ant1_5580



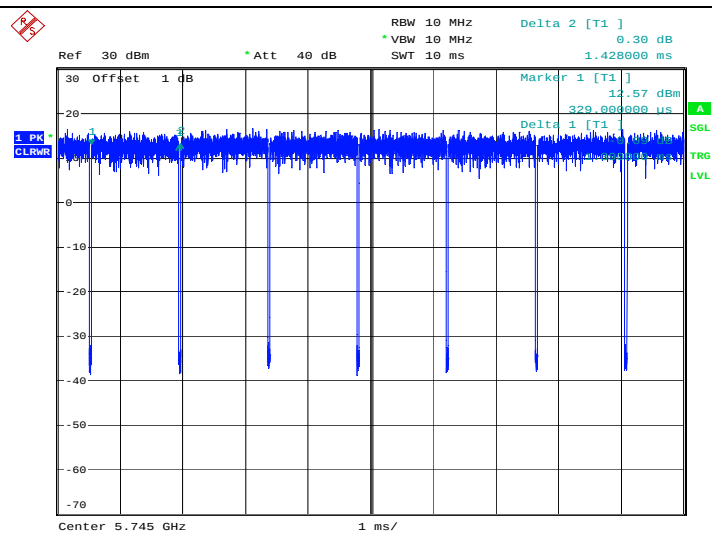
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11A_Ant1_5700



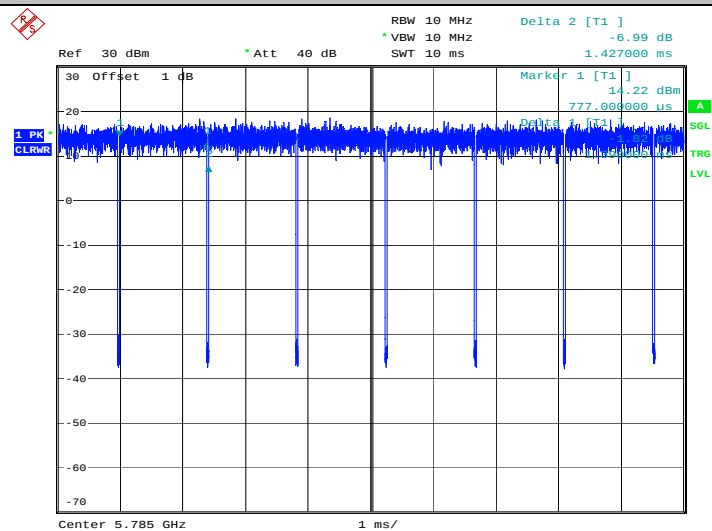
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11A_Ant1_5745



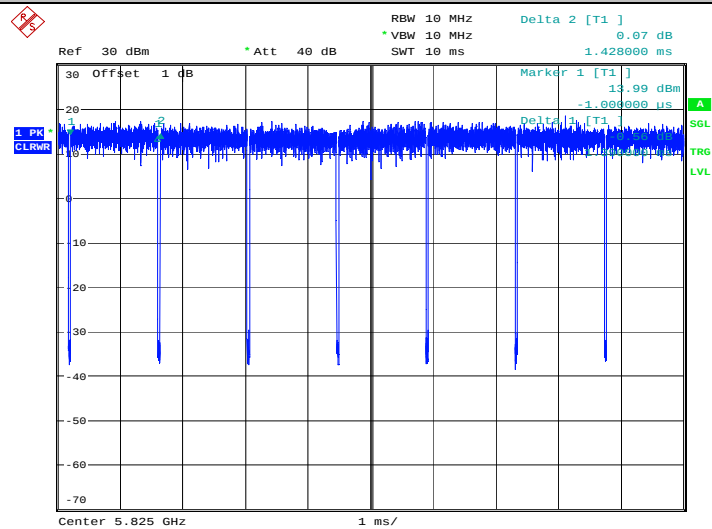
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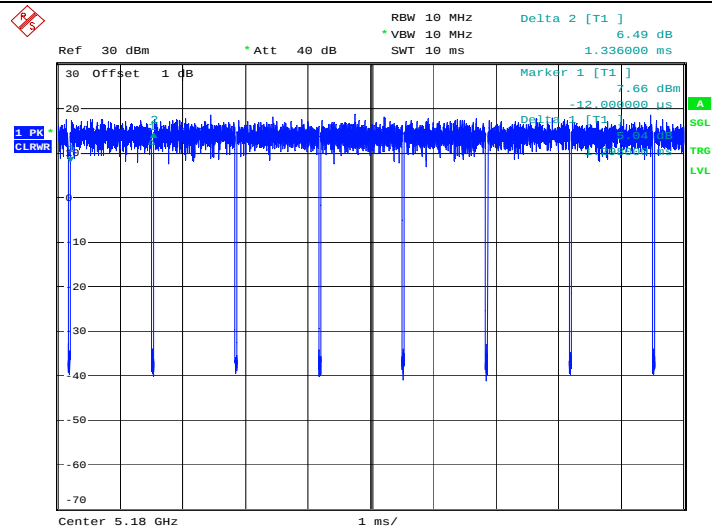
Date: 8.DEC.2020 10:10:51

11A_Ant1_5825



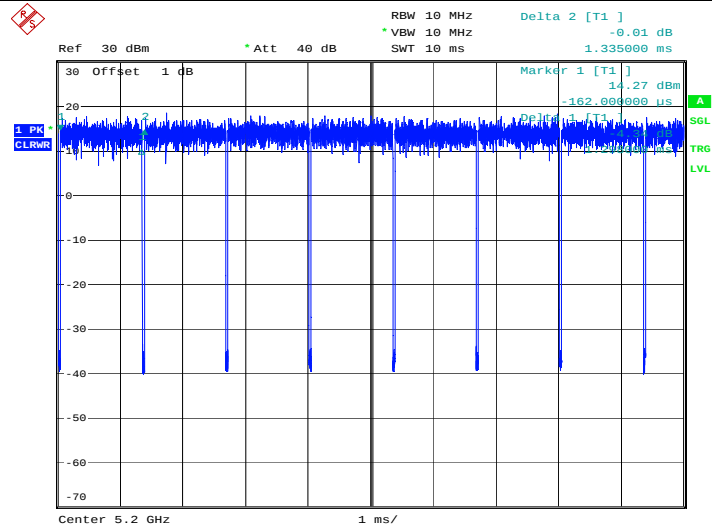
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11N20SISO_Ant1_5180



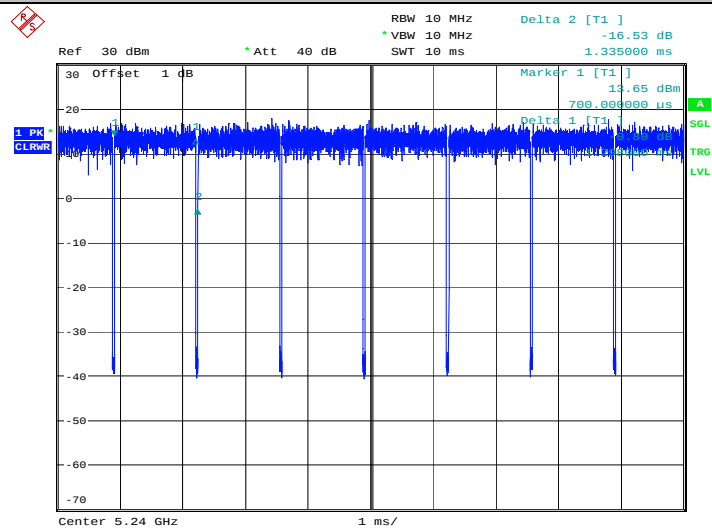
Date: 8.DEC.2020 10:19:19

11N20SISO_Ant1_5200



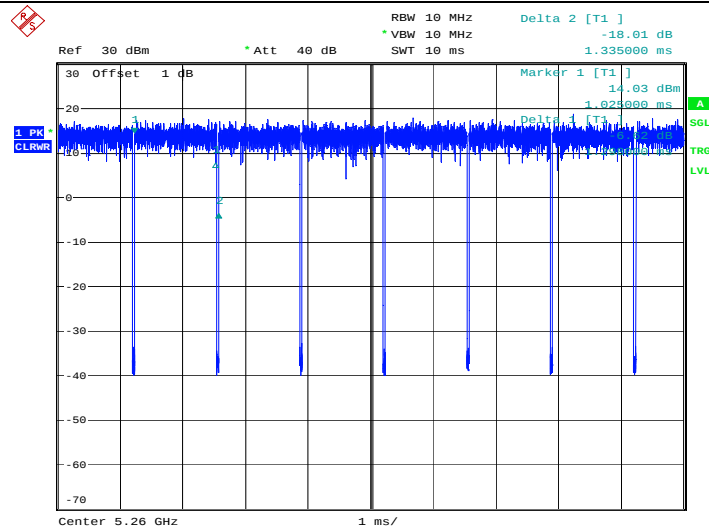
Date: 8.DEC.2020 10:23:35

11N20SISO_Ant1_5240



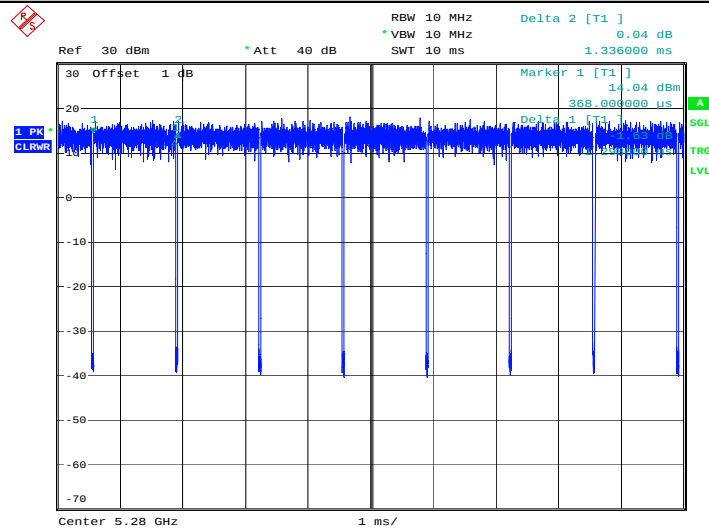
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11N20SISO_Ant1_5260



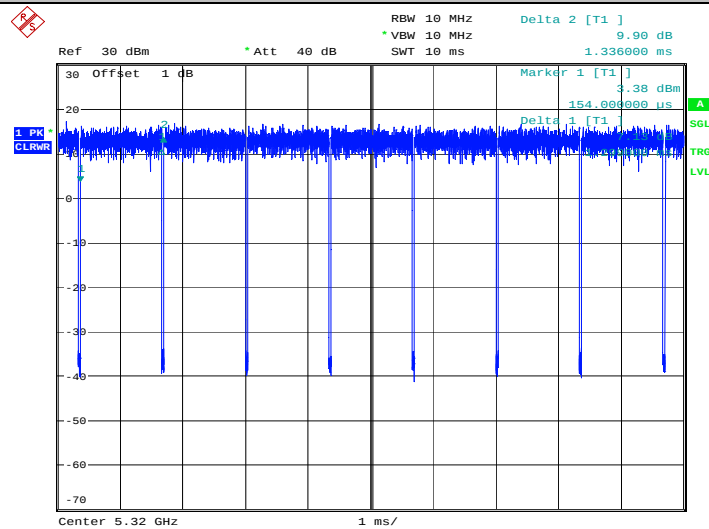
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11N20SISO_Ant1_5280



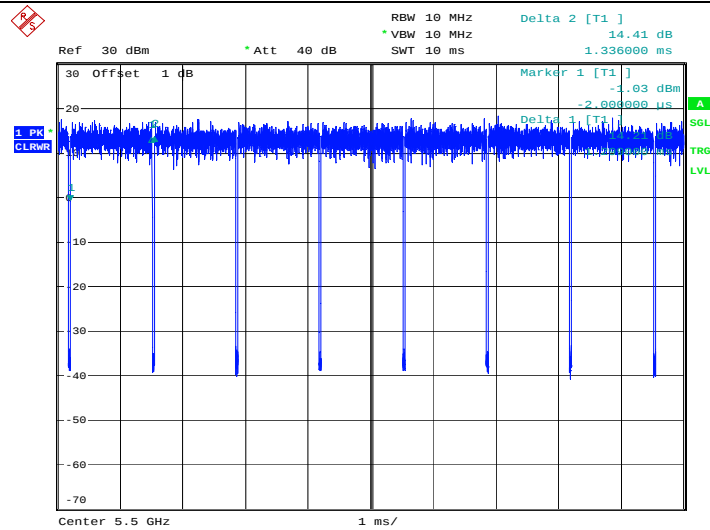
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11N20SISO_Ant1_5320



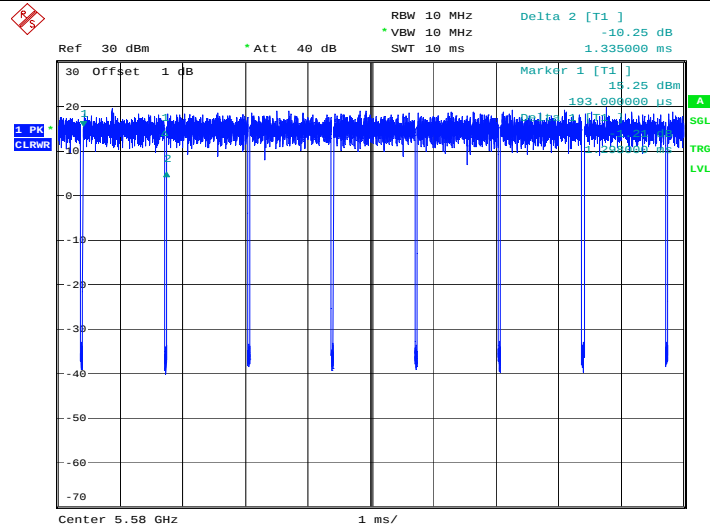
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11N20SISO_Ant1_5500



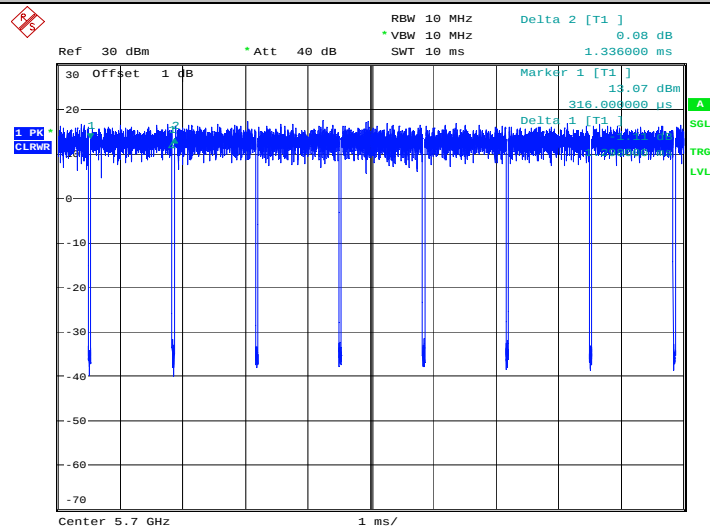
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11N20SISO_Ant1_5580



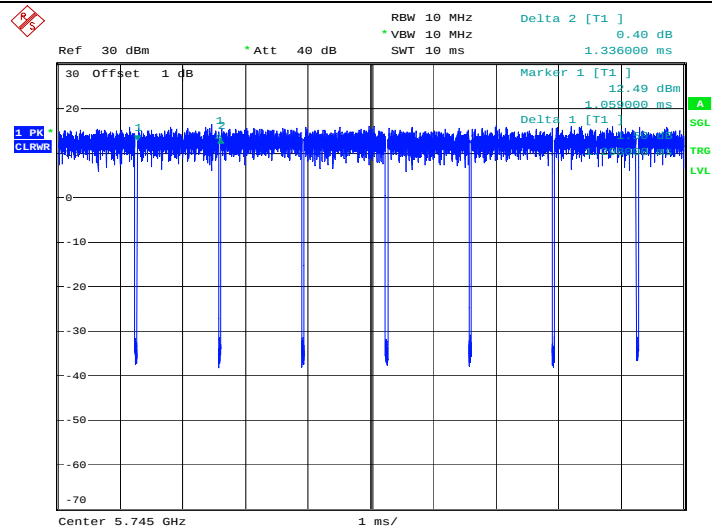
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11N20SISO_Ant1_5700



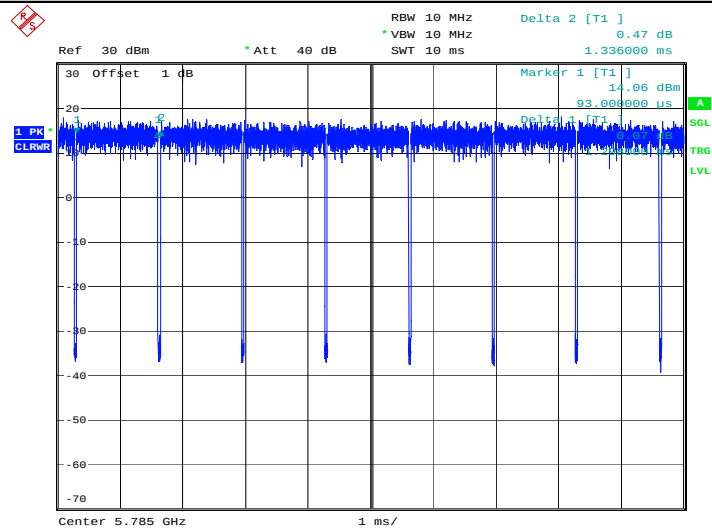
Date: 11.DEC.2020 15:09:00

11N20SISO_Ant1_5745



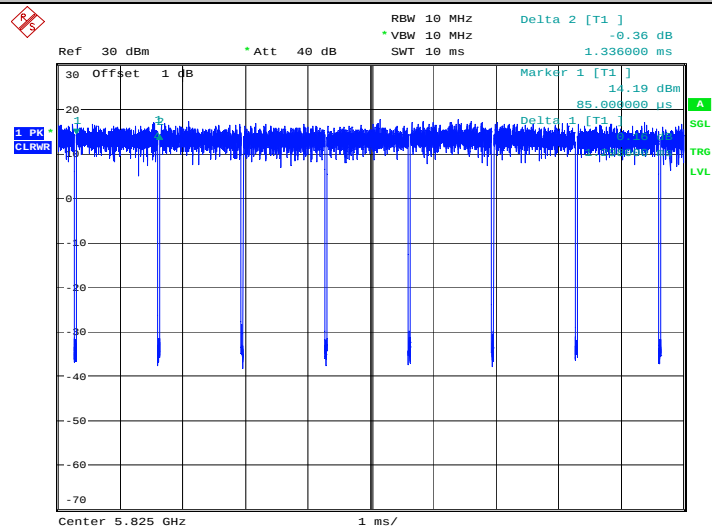
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11N20SISO_Ant1_5785



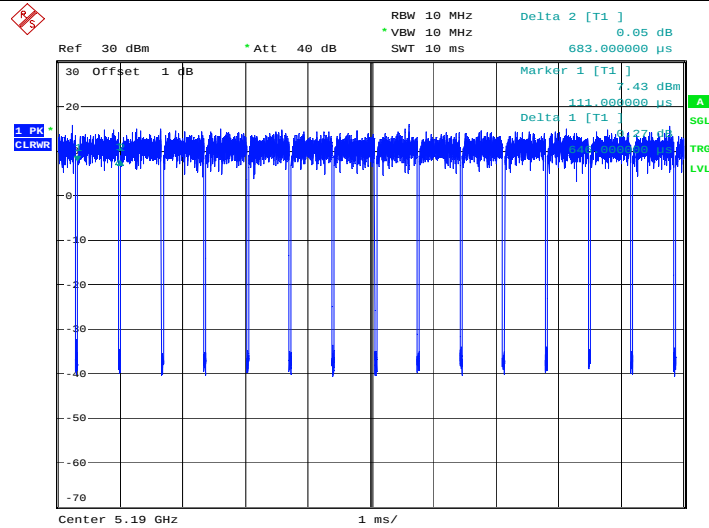
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11N20SISO_Ant1_5825



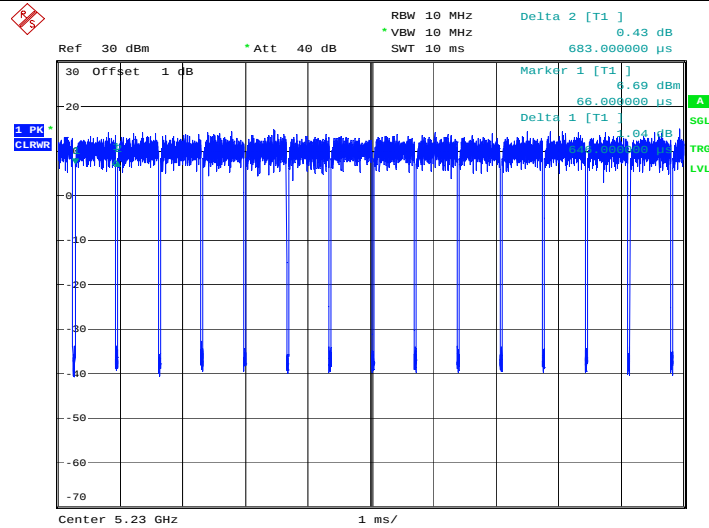
Date: 8.DEC.2020 11:00:45

11N40SISO_Ant1_5190



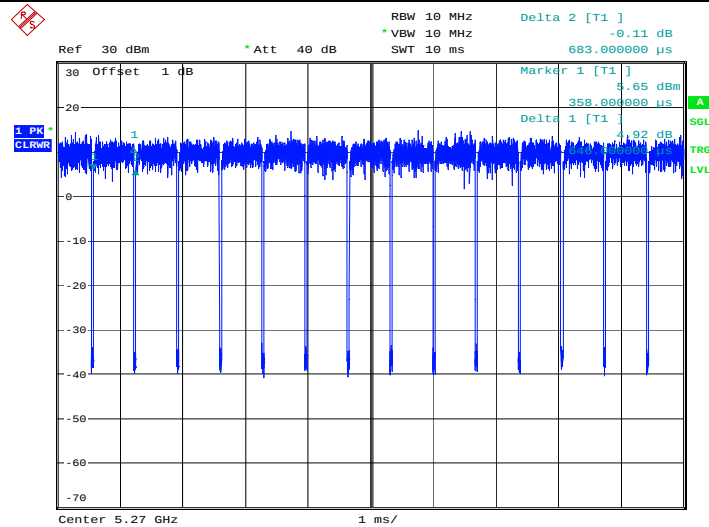
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11N40SISO_Ant1_5230



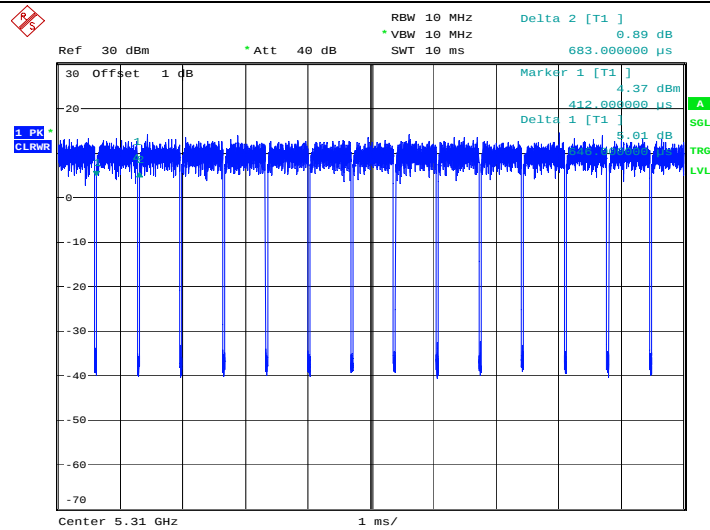
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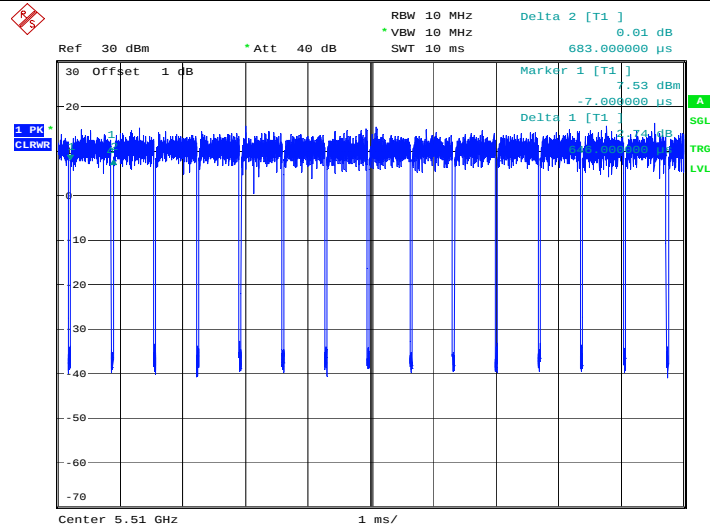
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11N40SISO_Ant1_5310



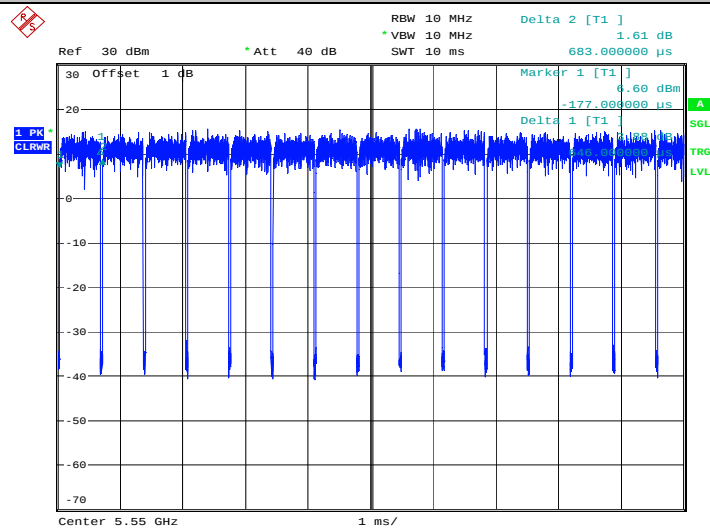
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11N40SISO_Ant1_5510



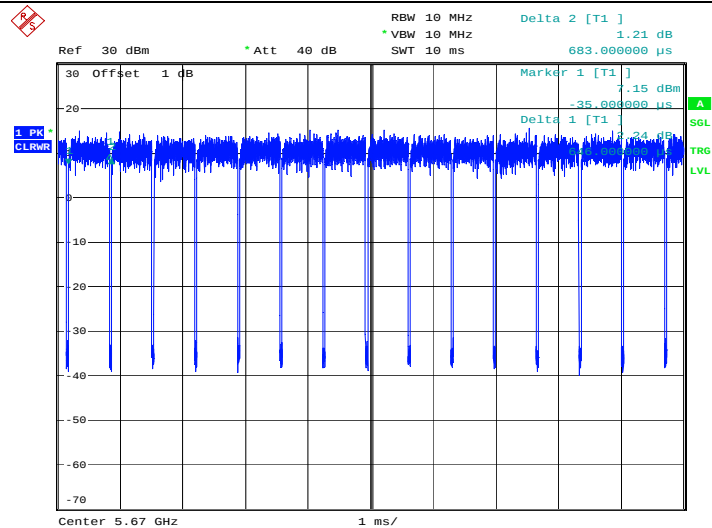
Date: 11.DEC.2020 15:13:25

11N40SISO_Ant1_5550



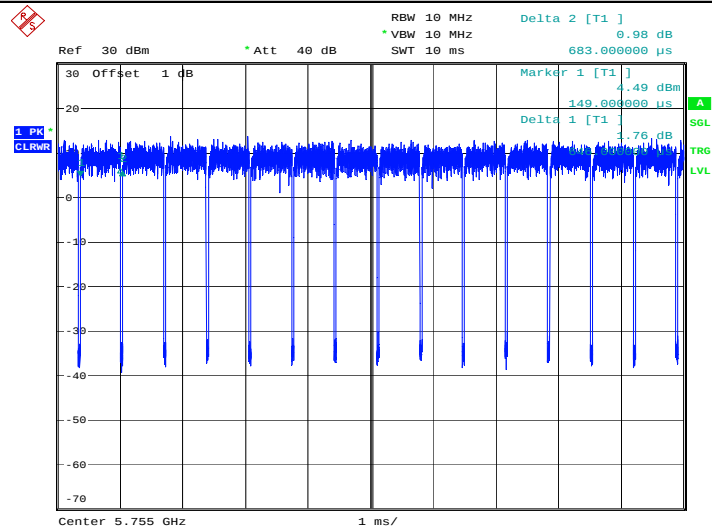
Date: 11.DEC.2020 15:17:51

11N40SISO_Ant1_5670



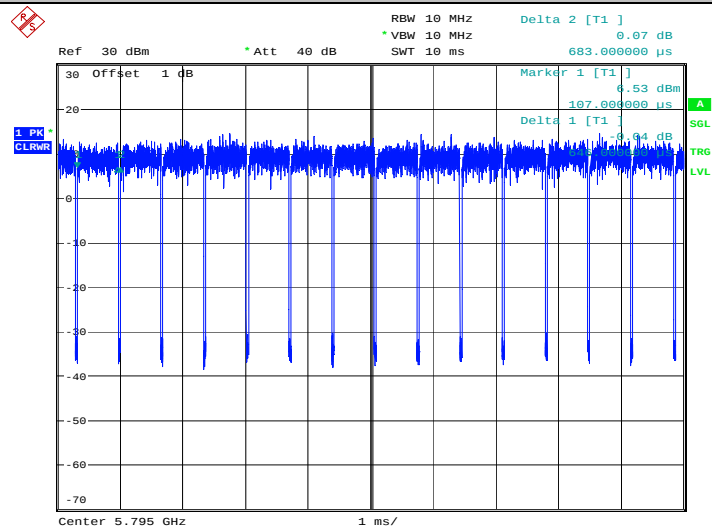
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11N40SISO_Ant1_5755



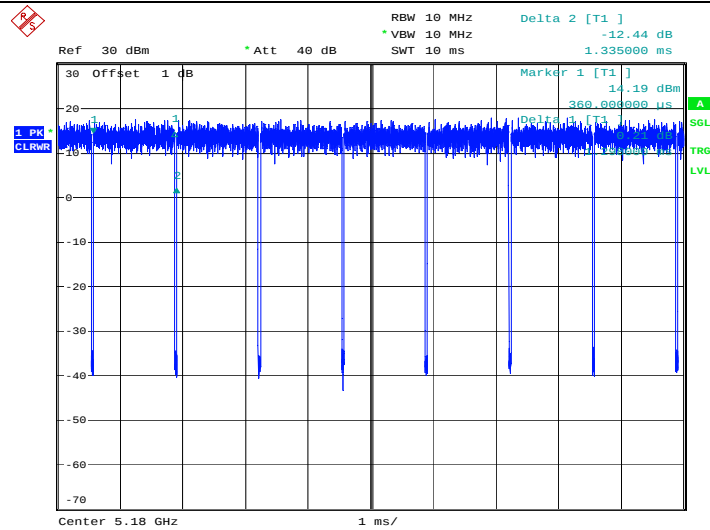
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11N40SISO_Ant1_5795



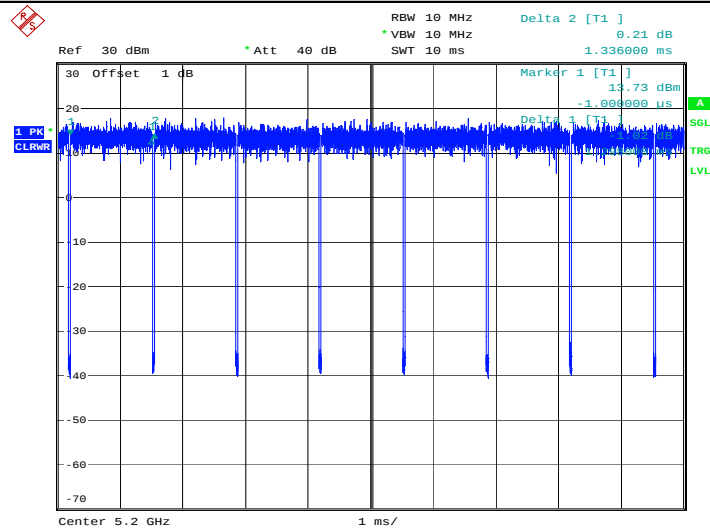
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11AC20SISO_Ant1_5180



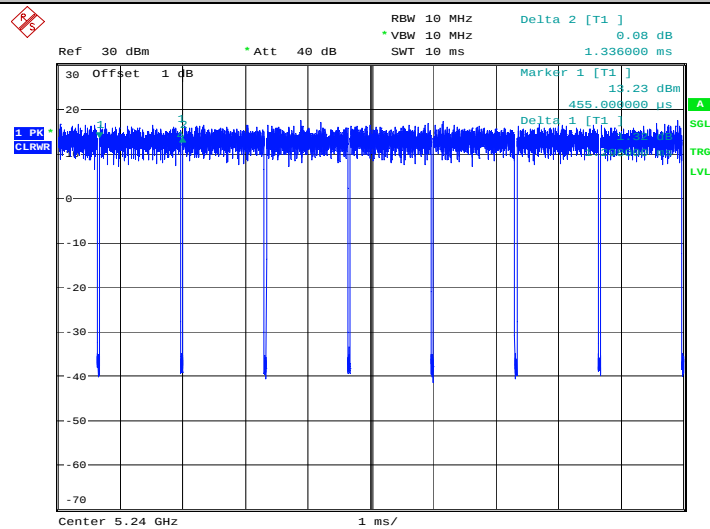
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11AC20SISO_Ant1_5200



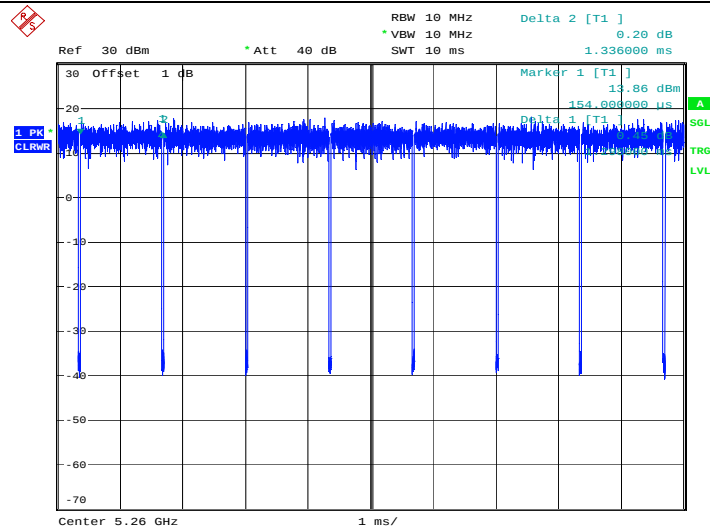
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11AC20SISO_Ant1_5240



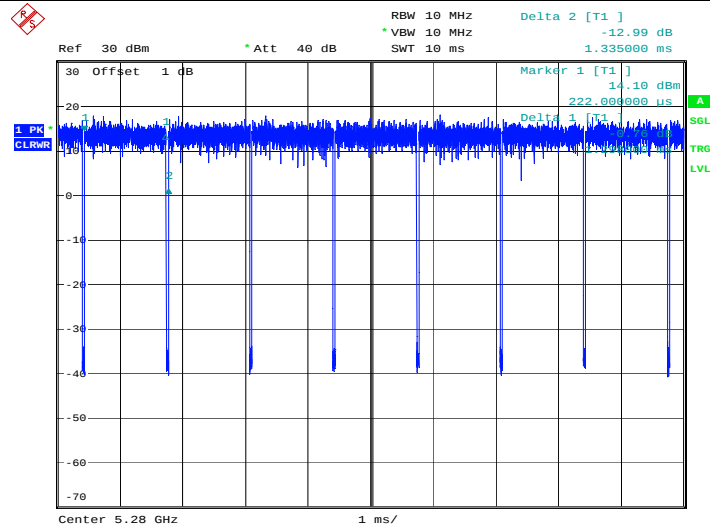
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11AC20SISO_Ant1_5260



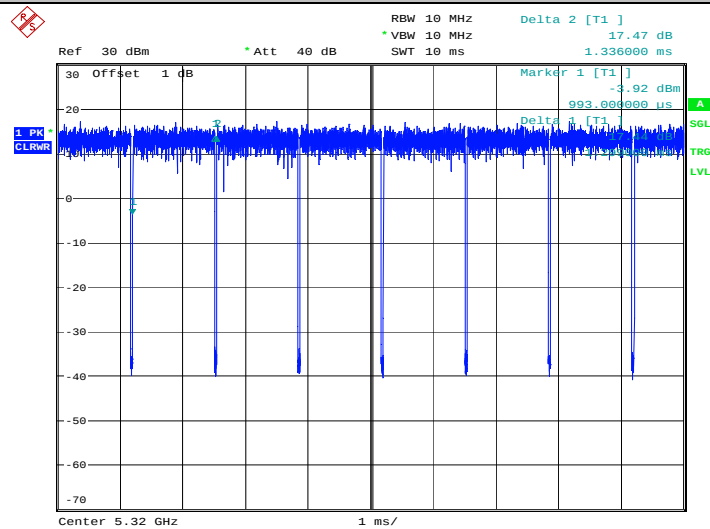
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11AC20SISO_Ant1_5280



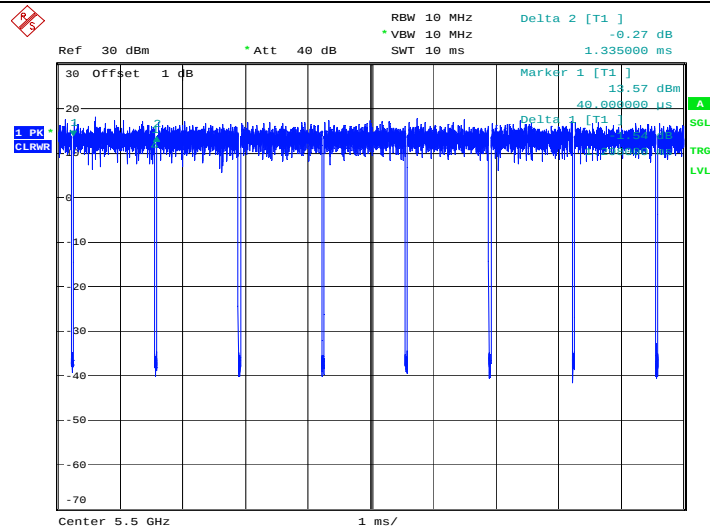
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11AC20SISO_Ant1_5320



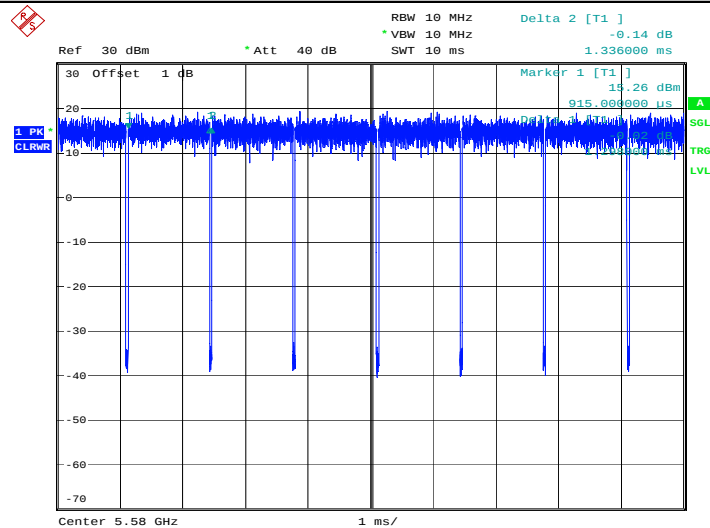
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11AC20SISO_Ant1_5500



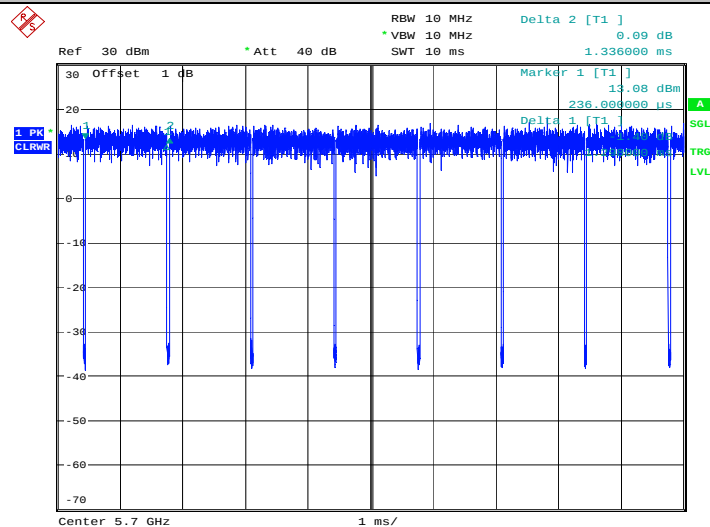
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11AC20SISO_Ant1_5580



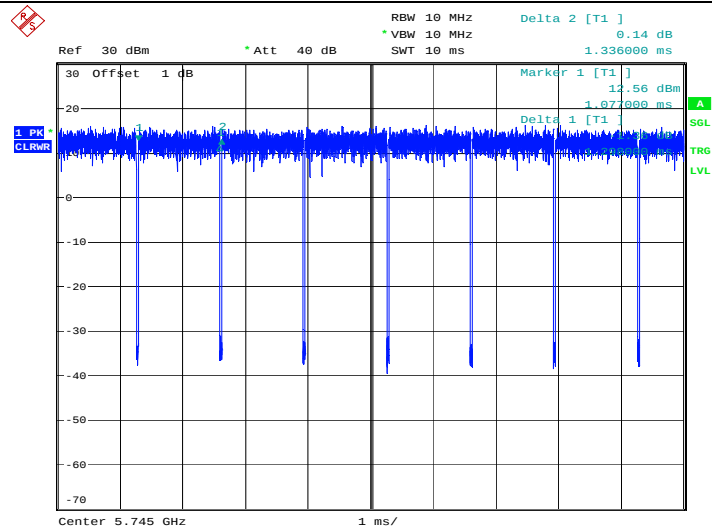
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11AC20SISO_Ant1_5700



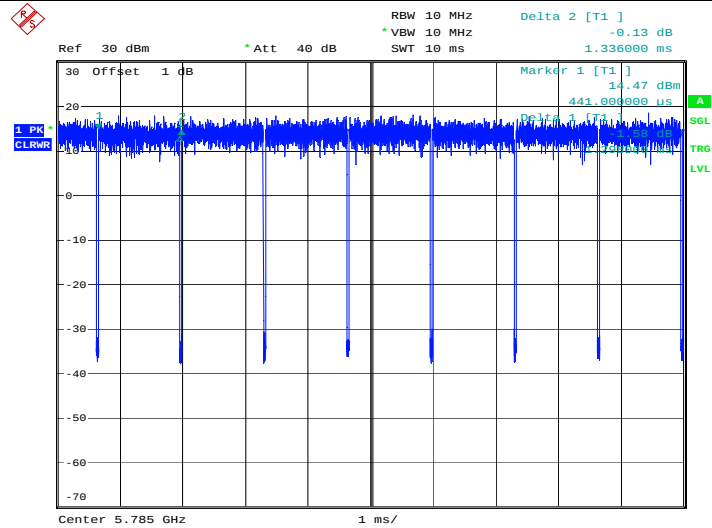
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11AC20SISO_Ant1_5745



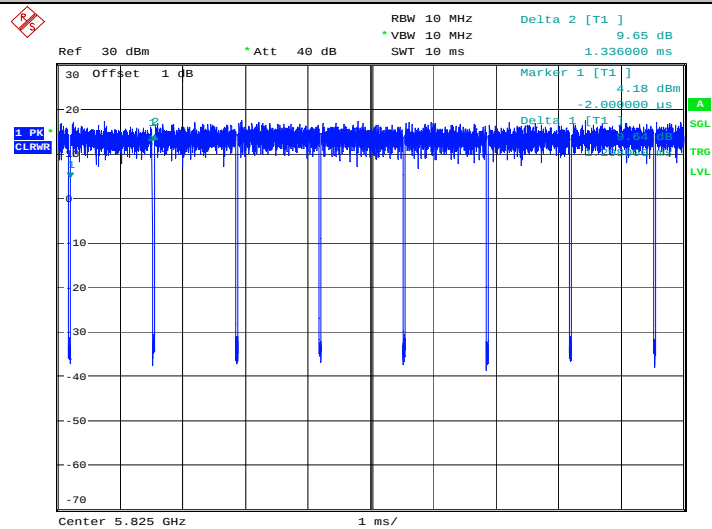
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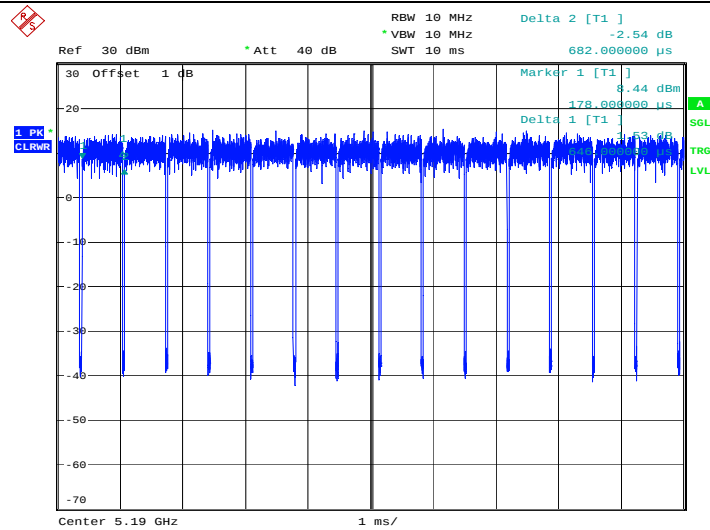
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11AC20SISO_Ant1_5825



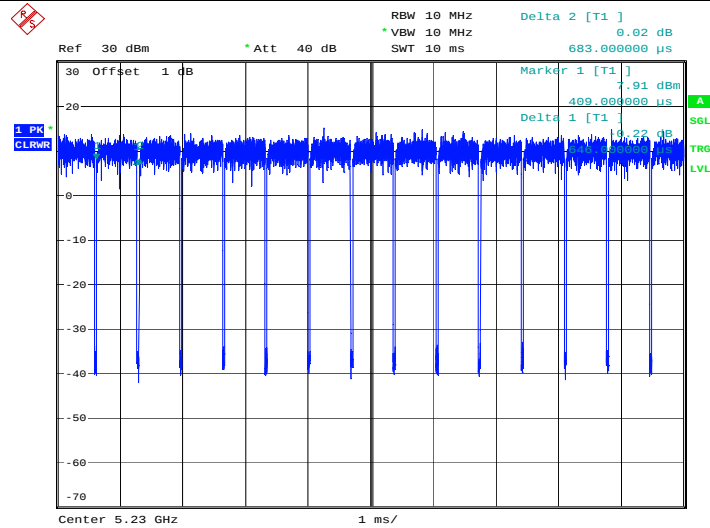
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11AC40SISO_Ant1_5190



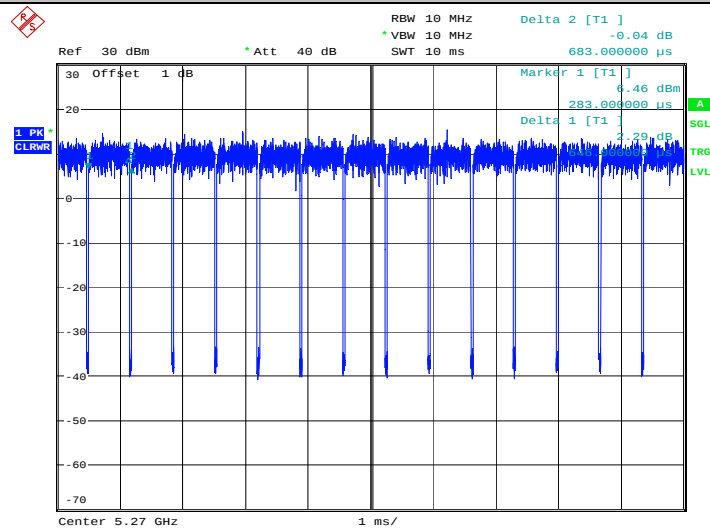
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11AC40SISO_Ant1_5230



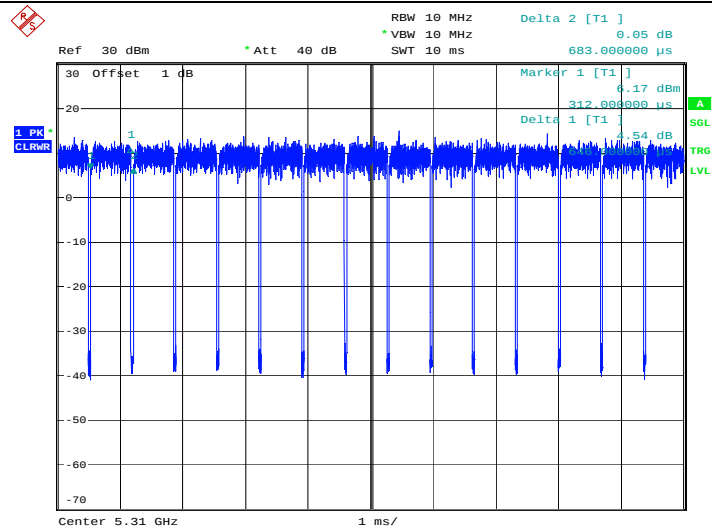
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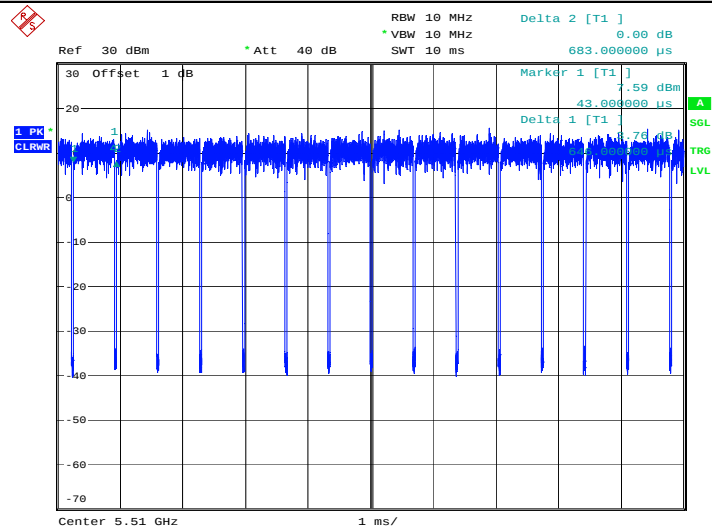
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11AC40SISO_Ant1_5310



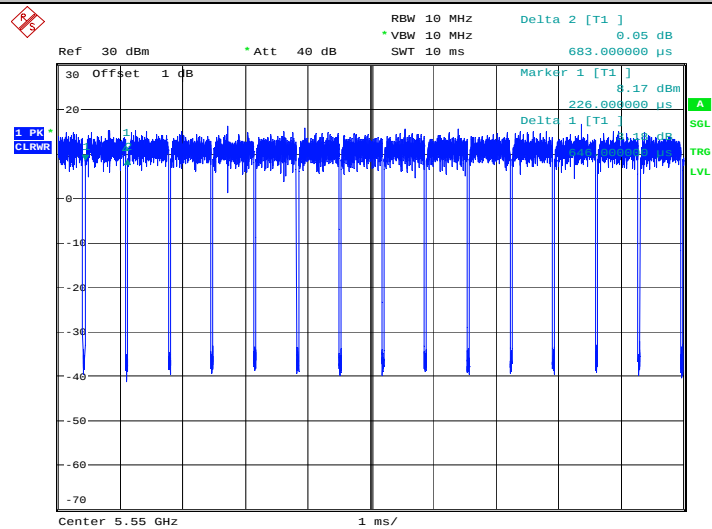
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11AC40SISO_Ant1_5510



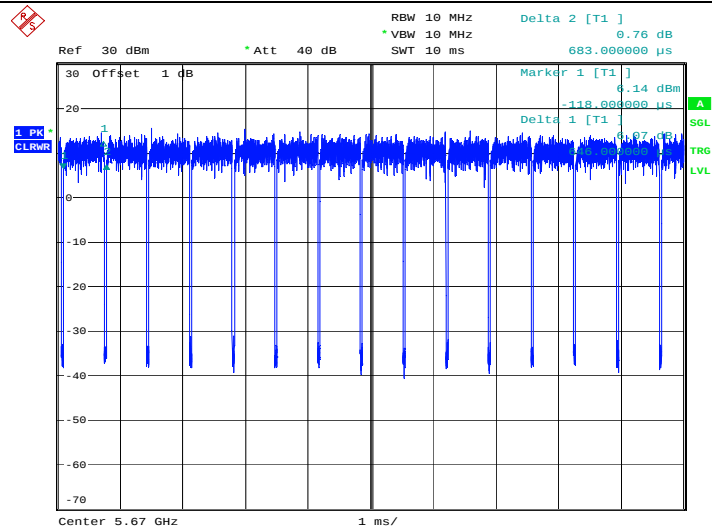
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11AC40SISO_Ant1_5550



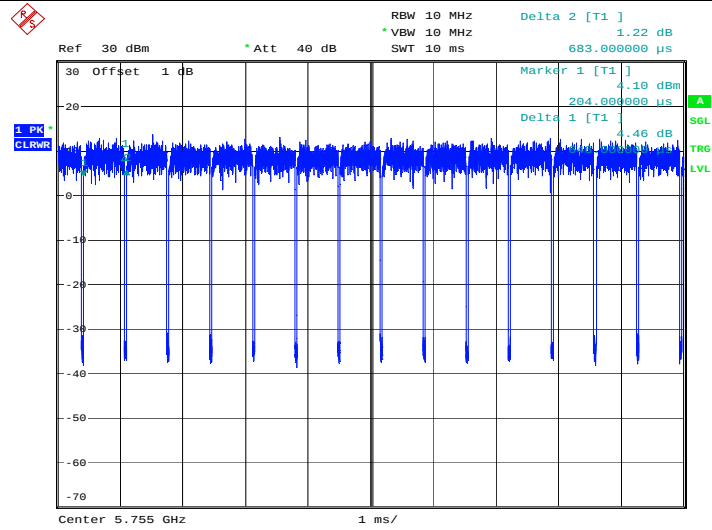
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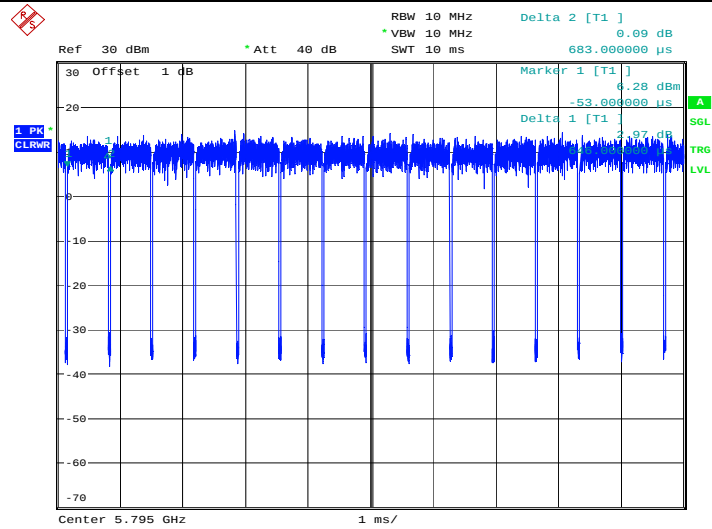
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11AC40SISO_Ant1_5755



Date: 8.DEC.2020 14:16:56

11AC40SISO_Ant1_5795



Date: 8.DEC.2020 14:21:20

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