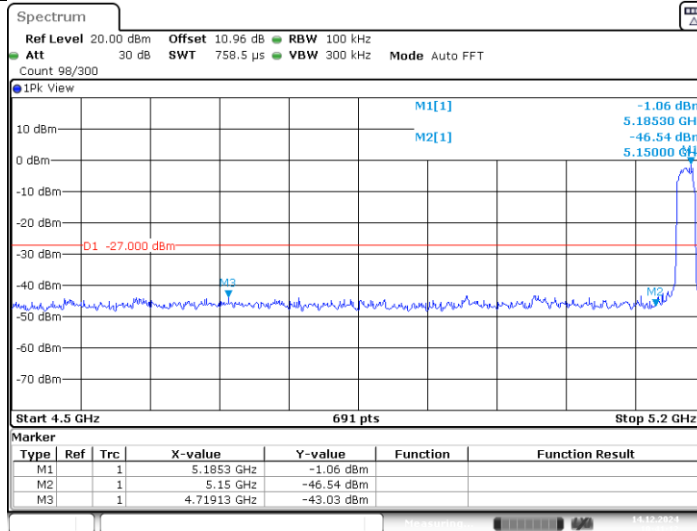
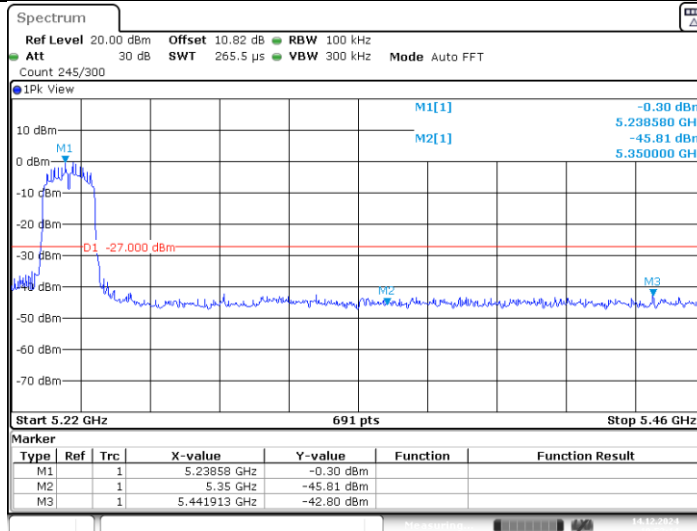


11AC20SISO_Ant1_Low_5180



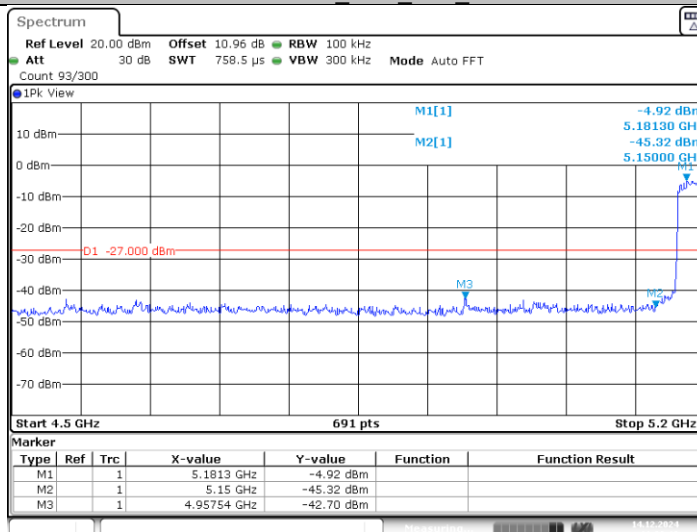
Date: 14.DEC.2024 10:41:12

11AC20SISO_Ant1_High_5240



Date: 14.DEC.2024 10:52:14

11AC40SISO_Ant1_Low_5190



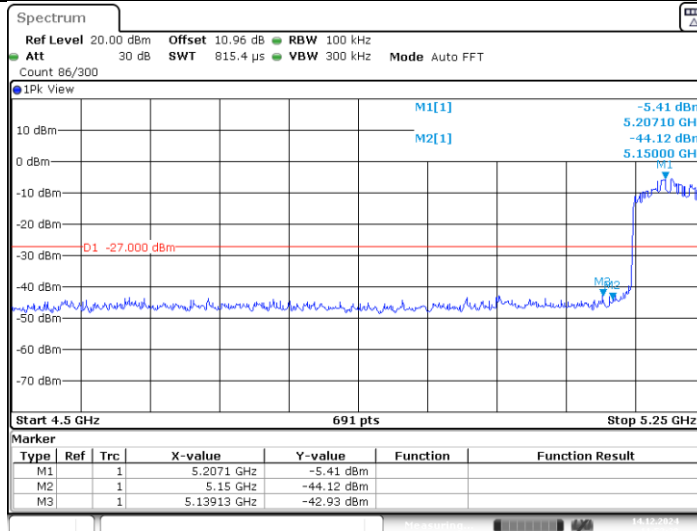
Date: 14.DEC.2024 11:22:12

11AC40SISO_Ant1_High_5230



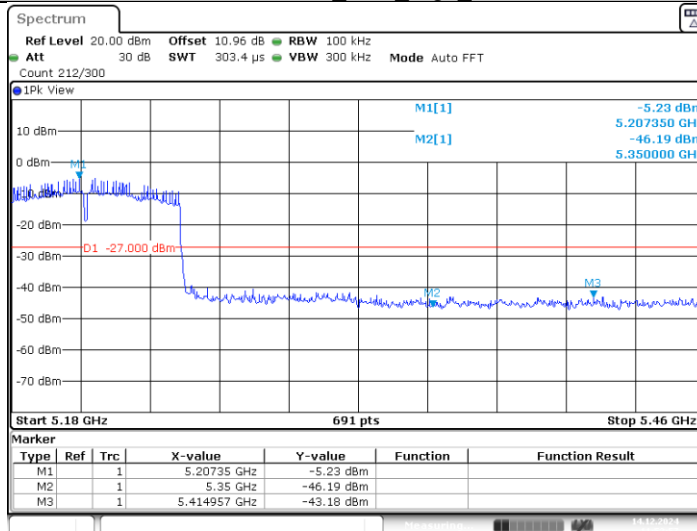
Date: 14.DEC.2024 11:28:14

11AC80SISO_Ant1_Low_5210



Date: 14.DEC.2024 11:52:38

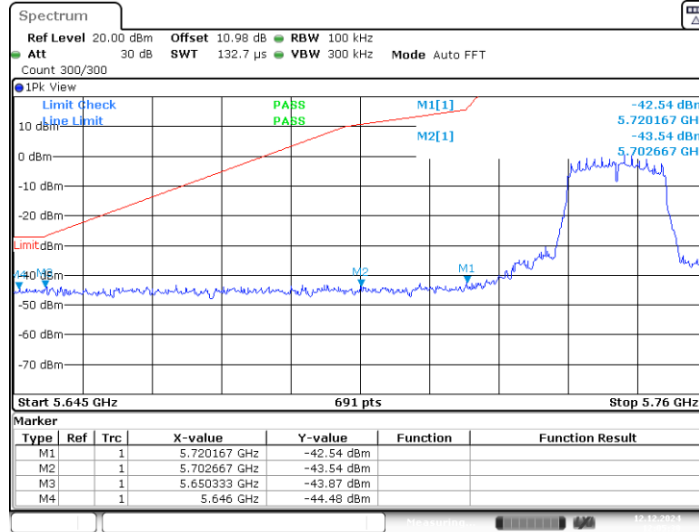
11AC80SISO_Ant1_High_5210



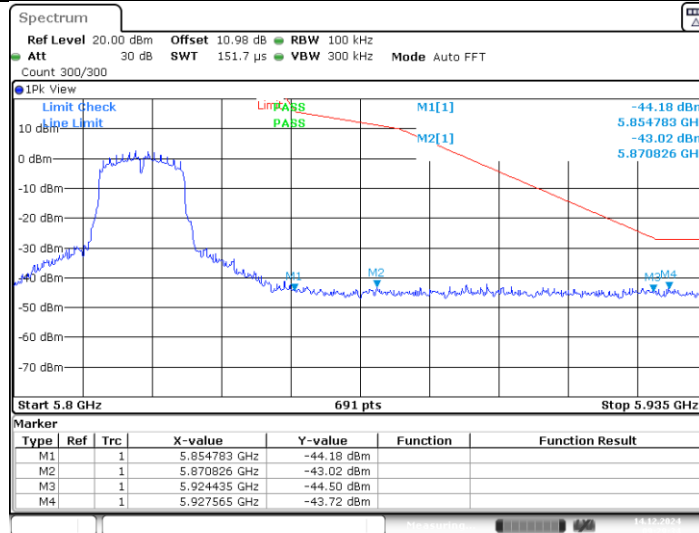
Date: 14.DEC.2024 11:52:58

Test Graphs B4

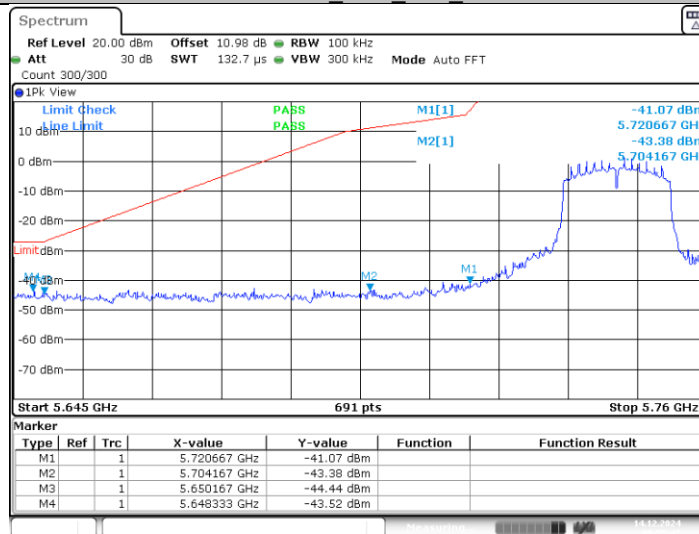
11A_Ant1_Low_5745



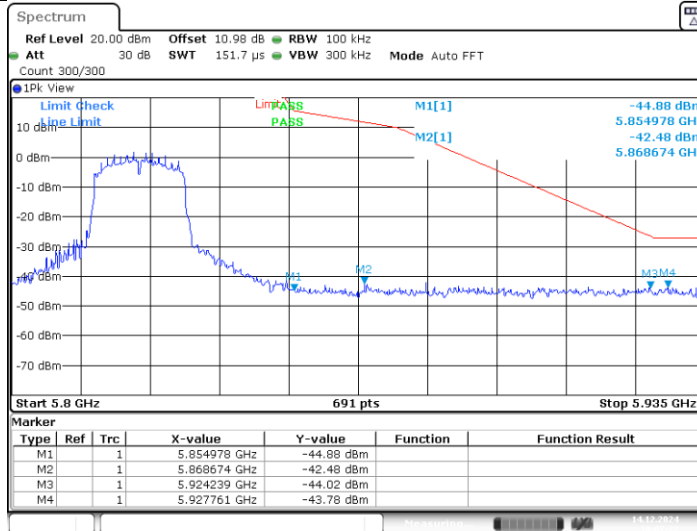
11A_Ant1_High_5825



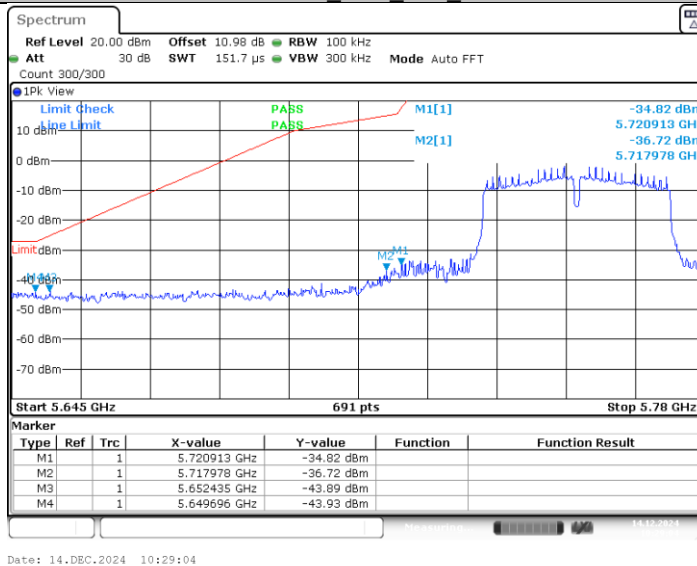
11N20SISO_Ant1_Low_5745



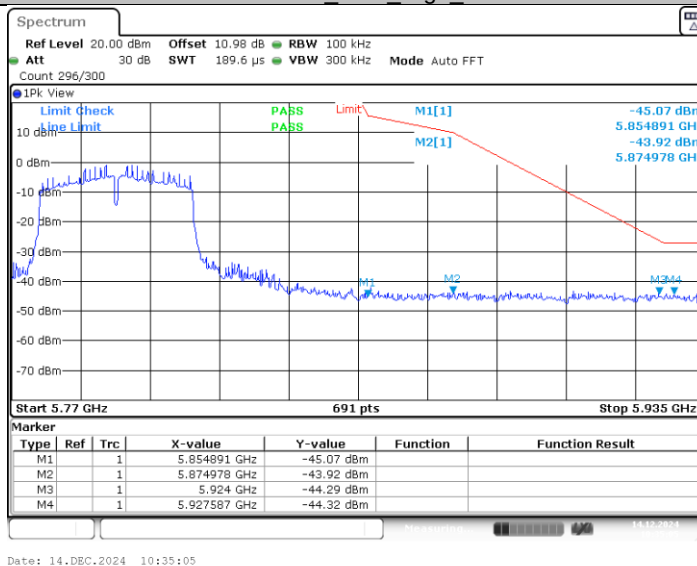
11N20SISO_Ant1_High_5825



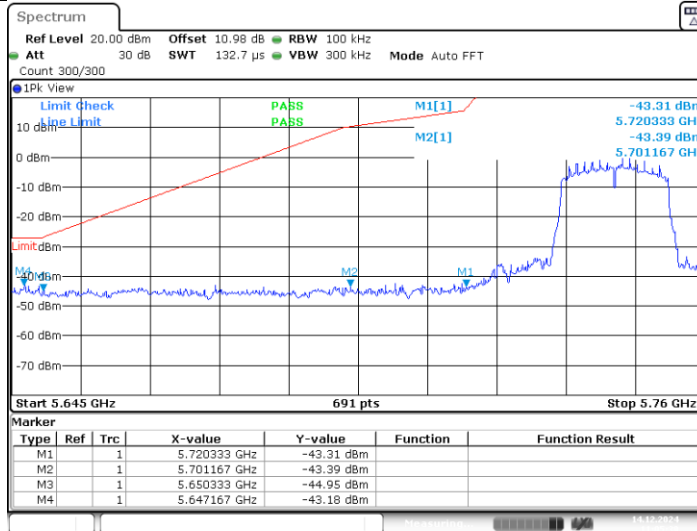
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795

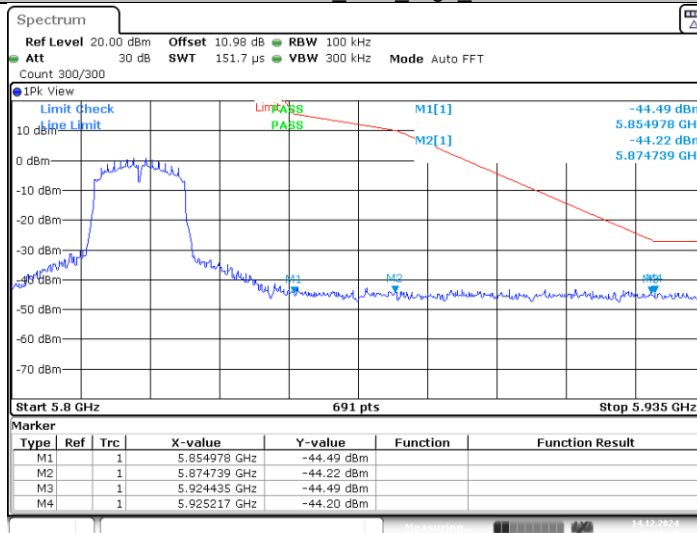


11AC20SISO_Ant1_Low_5745



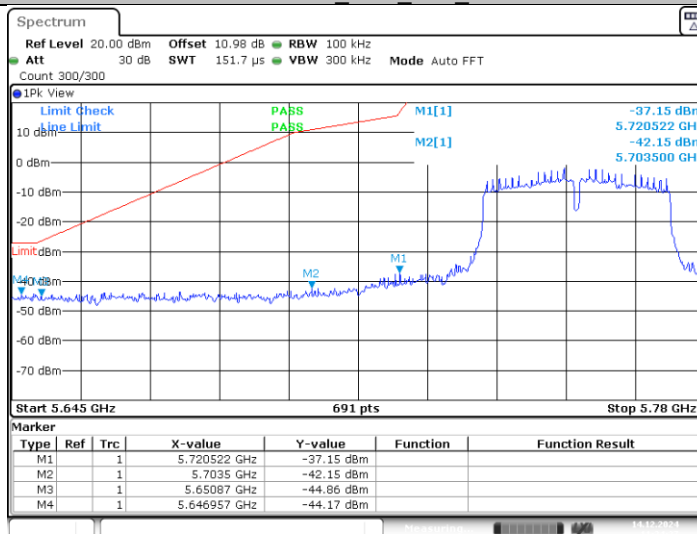
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11AC20SISO_Ant1_High_5825



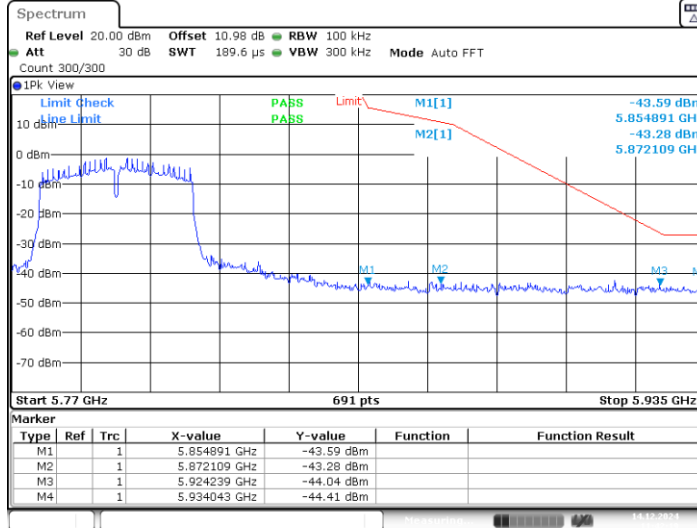
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11AC40SISO_Ant1_Low_5755

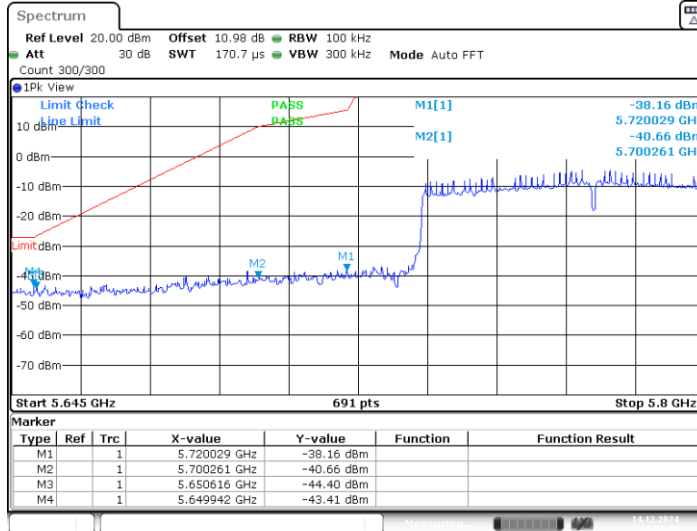


Date: 14.DEC.2024 11:34:27

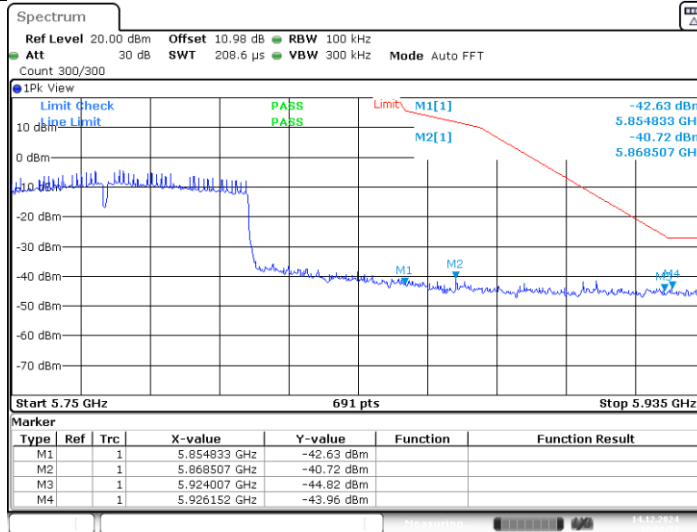
11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



ABOVE 1000 MHz

Note: All the modes have been tested and recorded worst mode in the report.

UNII-1

TX N20 Channel 36 / 5180 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10652	H	43.02	---	9.03	52.05	---	74	54	-21.95
15525	H	39.26	---	9.87	49.13	---	74	54	-24.87
---	H	---	---	---	---	---	---	---	---
10652	V	44.46	---	9.03	53.49	---	74	54	-20.51
15542	V	38.94	---	9.88	48.82	---	74	54	-25.18
---	V	---	---	---	---	---	---	---	---
TX N20 Channel 40 / 5200 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10669	H	44.47	---	9.09	53.56	---	74	54	-20.44
15601	H	41.02	---	9.91	50.93	---	74	54	-23.07
---	H	---	---	---	---	---	---	---	---
10668	V	43.25	---	9.09	52.34	---	74	54	-21.66
15601	V	42.01	---	9.91	51.92	---	74	54	-22.08
---	V	---	---	---	---	---	---	---	---
TX N20 Channel 48 / 5240 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10760	H	44.02	---	9.24	53.26	---	74	54	-20.74
15725	H	42.95	---	10.01	52.96	---	74	54	-21.04
---	H	---	---	---	---	---	---	---	---
10759	V	44.09	---	9.24	53.33	---	74	54	-20.67
15725	V	42.01	---	10.01	52.02	---	74	54	-21.98
---	V	---	---	---	---	---	---	---	---

UNII-3

TX N20 Channel 149 / 5745 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11727	H	44.06	---	9.81	53.87	---	74	54	-20.13
17739	H	40.56	---	12.96	53.52	---	74	54	-20.48
---	H	---	---	---	---	---	---	---	---
11726	V	43.44	---	9.81	53.25	---	74	54	-20.75
17738	V	40.24	---	12.95	53.19	---	74	54	-20.81
---	V	---	---	---	---	---	---	---	---
TX N20 Channel 153 / 5765 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11837	H	44.01	---	9.91	53.92	---	74	54	-20.08
18126	H	39.33	---	13.21	52.54	---	74	54	-21.46
---	H	---	---	---	---	---	---	---	---
11849	V	43.58	---	9.92	53.50	---	74	54	-20.50
18356	V	40.73	---	13.22	53.95	---	74	54	-20.05
---	V	---	---	---	---	---	---	---	---
TX N20 Channel 165/ 5825 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11906	H	43.53	---	10.01	53.54	---	74	54	-20.46
18254	H	39.34	---	14.01	53.35	---	74	54	-20.65
---	H	---	---	---	---	---	---	---	---
11932	V	42.63	---	9.98	52.61	---	74	54	-21.39
18298	V	39.78	---	13.99	53.77	---	74	54	-20.23
---	V	---	---	---	---	---	---	---	---

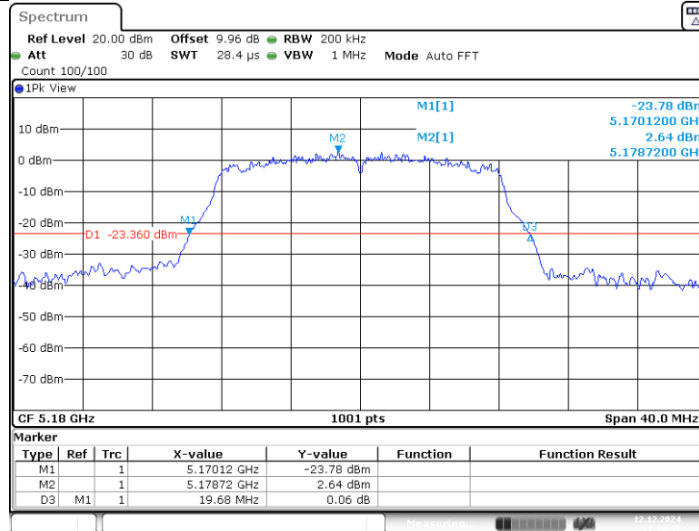
Notes:

- 1). Radiated emissions measured in frequency range from 9 KHz~10th harmonic or 40GHz (which is less) were made with an instrument using Peak detector mode.
- 2). Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 3). Measured Level = Reading Level + Factor, Margin = Measured Level – Limit

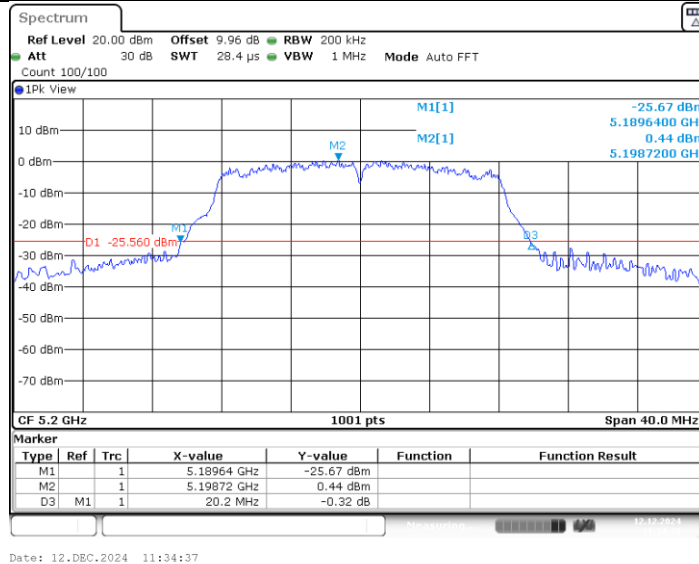
APPENDIX E - BANDWIDTH

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.68	5170.12	5189.80	---	---
		5200	20.20	5189.64	5209.84	---	---
		5240	19.92	5229.92	5249.84	---	---
		5745	19.80	5735.04	5754.84	---	---
		5785	20.24	5774.80	5795.04	---	---
		5825	19.76	5815.04	5834.80	---	---
11N20SISO	Ant1	5180	20.16	5169.84	5190.00	---	---
		5200	20.20	5189.92	5210.12	---	---
		5240	20.28	5229.84	5250.12	---	---
		5745	20.96	5734.12	5755.08	---	---
		5785	20.08	5775.04	5795.12	---	---
		5825	20.08	5814.96	5835.04	---	---
11N40SISO	Ant1	5190	40.24	5169.76	5210.00	---	---
		5230	40.56	5209.68	5250.24	---	---
		5755	51.36	5735.00	5786.36	---	---
		5795	45.20	5774.68	5819.88	---	---
11AC20SISO	Ant1	5180	20.32	5169.76	5190.08	---	---
		5200	20.08	5189.92	5210.00	---	---
		5240	19.96	5229.92	5249.88	---	---
		5745	21.96	5733.04	5755.00	---	---
		5785	20.08	5775.00	5795.08	---	---
		5825	20.48	5814.56	5835.04	---	---
11AC40SISO	Ant1	5190	40.72	5169.36	5210.08	---	---
		5230	41.12	5209.60	5250.72	---	---
		5755	40.40	5734.76	5775.16	---	---
		5795	40.48	5774.92	5815.40	---	---
11AC80SISO	Ant1	5210	80.00	5170.00	5250.00	---	---
		5775	81.28	5734.20	5815.48	---	---

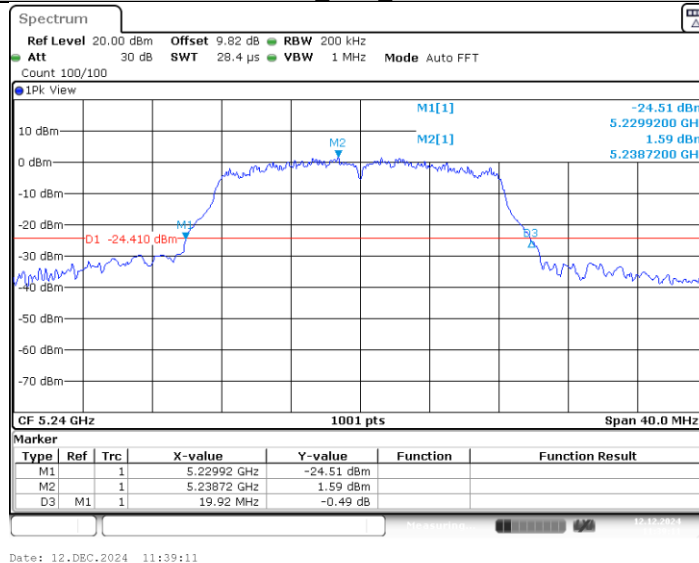
11A_Ant1_5180



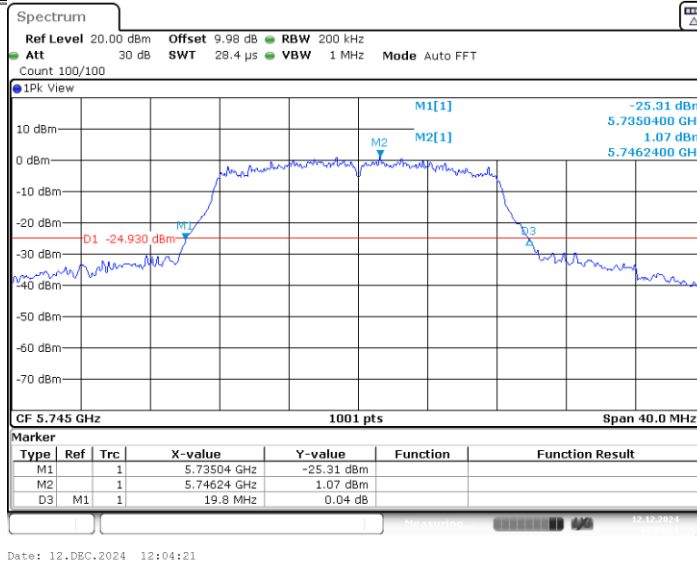
11A_Ant1_5200



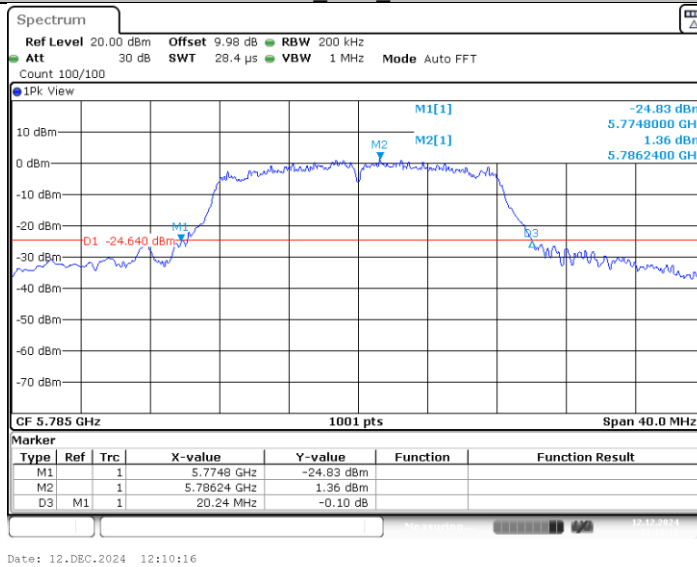
11A_Ant1_5240



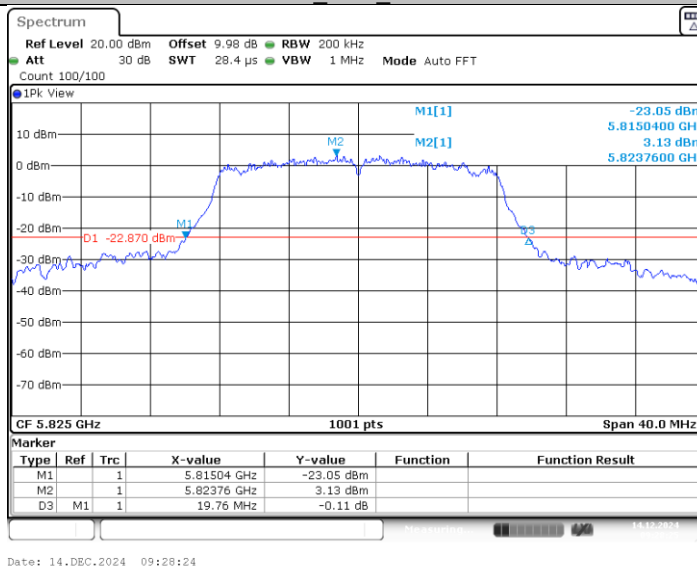
11A_Ant1_5745



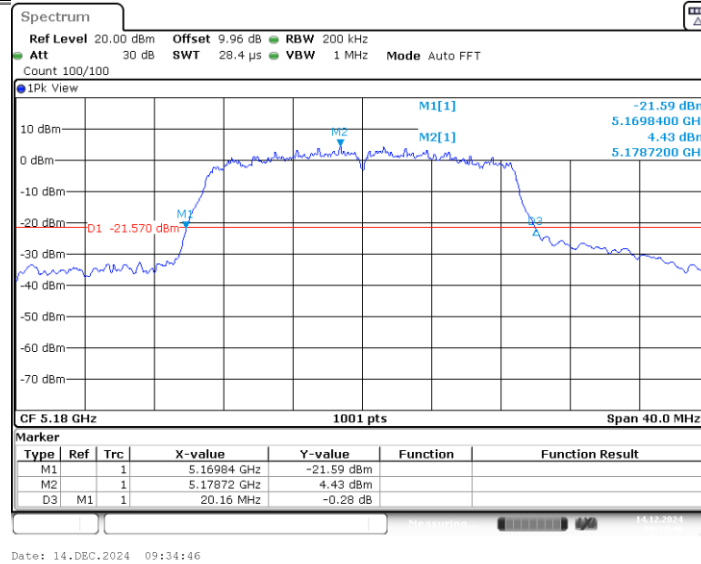
11A_Ant1_5785



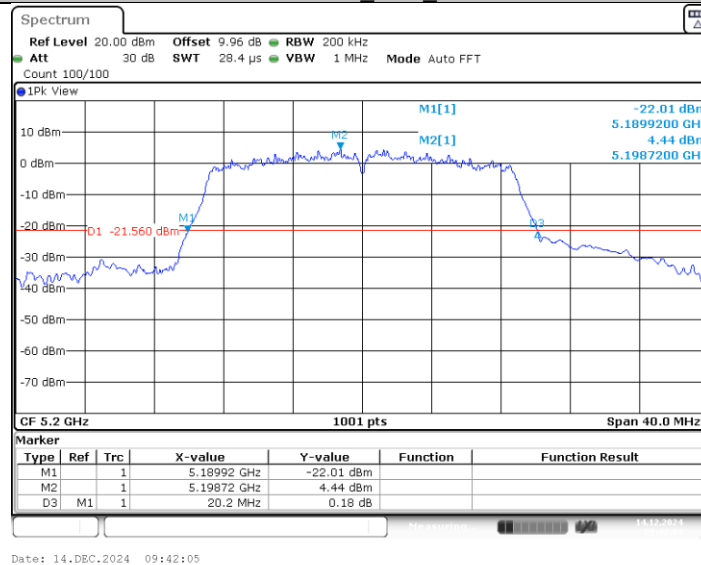
11A_Ant1_5825



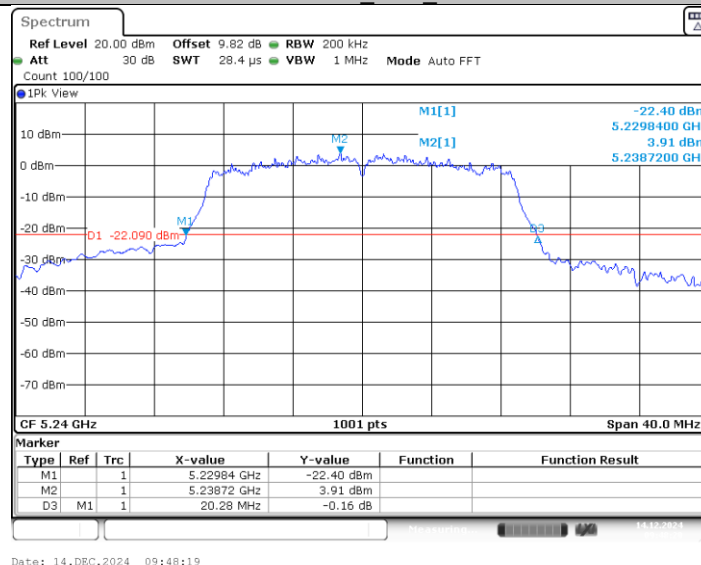
11N20SISO_Ant1_5180



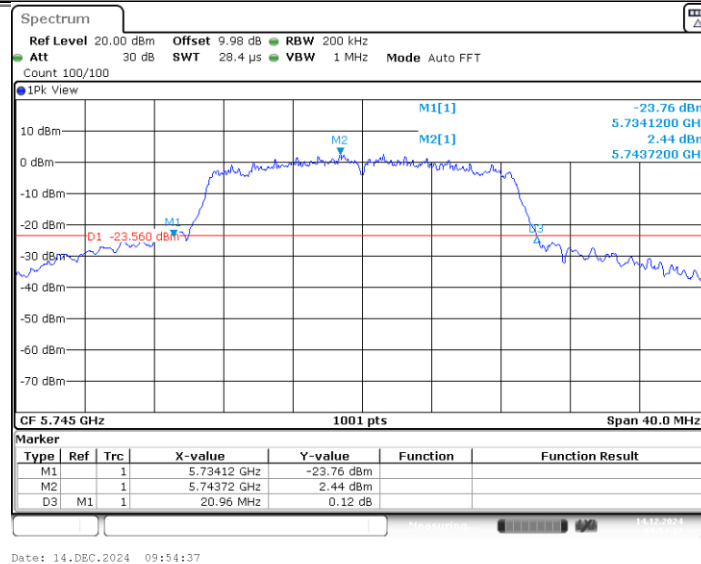
11N20SISO_Ant1_5200



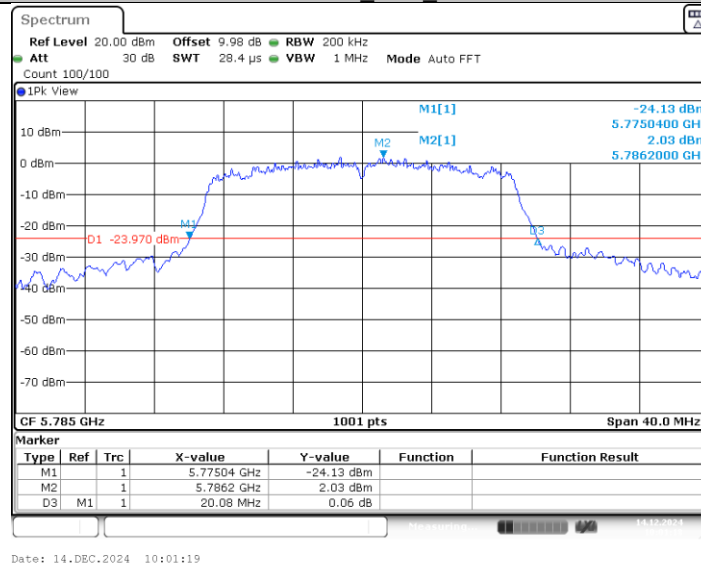
11N20SISO_Ant1_5240



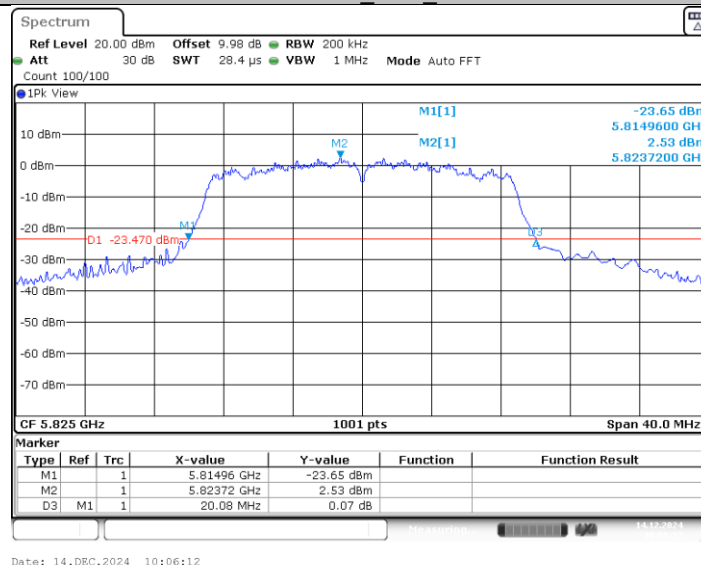
11N20SISO_Ant1_5745



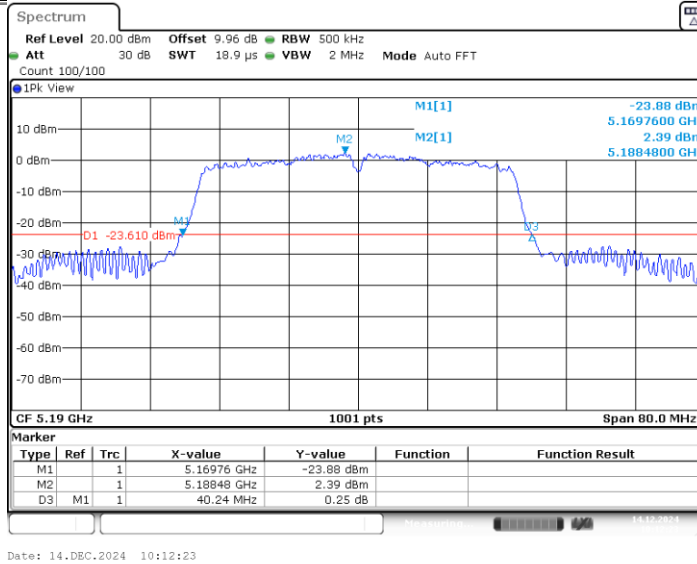
11N20SISO_Ant1_5785



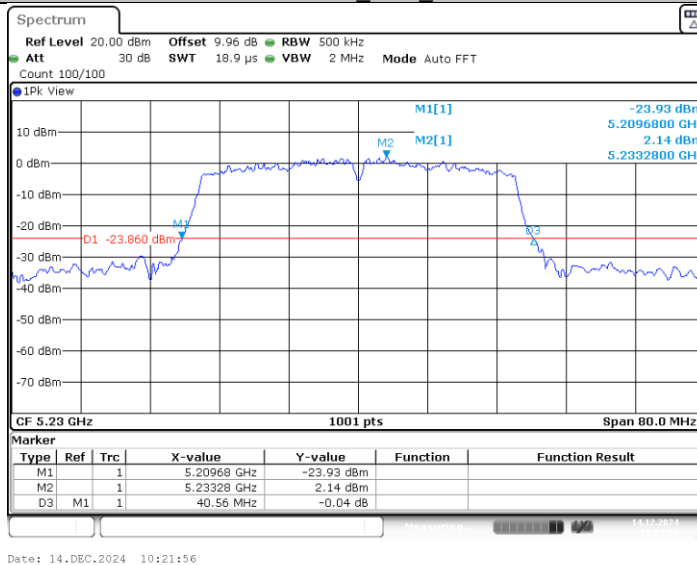
11N20SISO_Ant1_5825



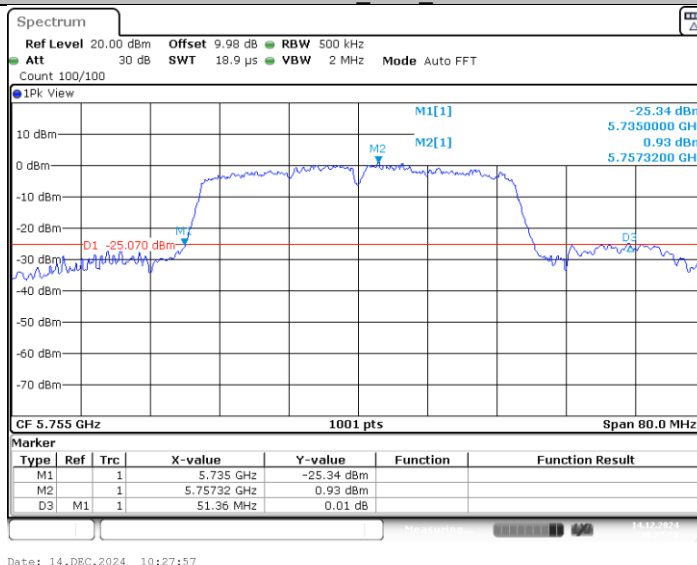
11N40SISO_Ant1_5190



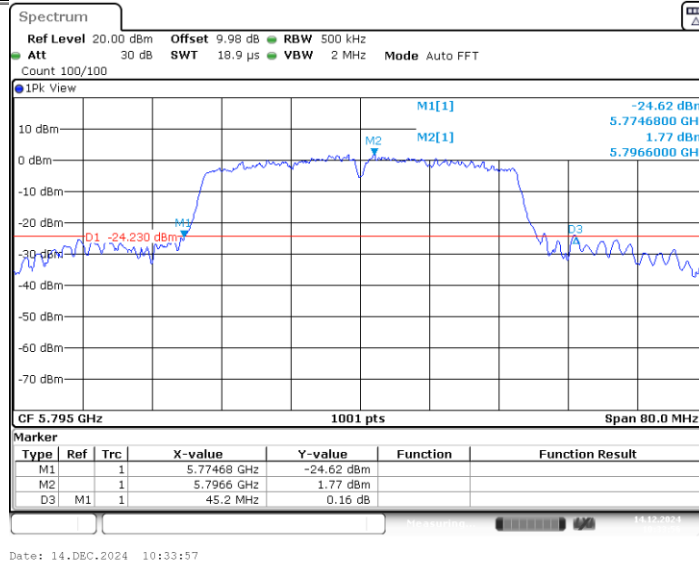
11N40SISO_Ant1_5230



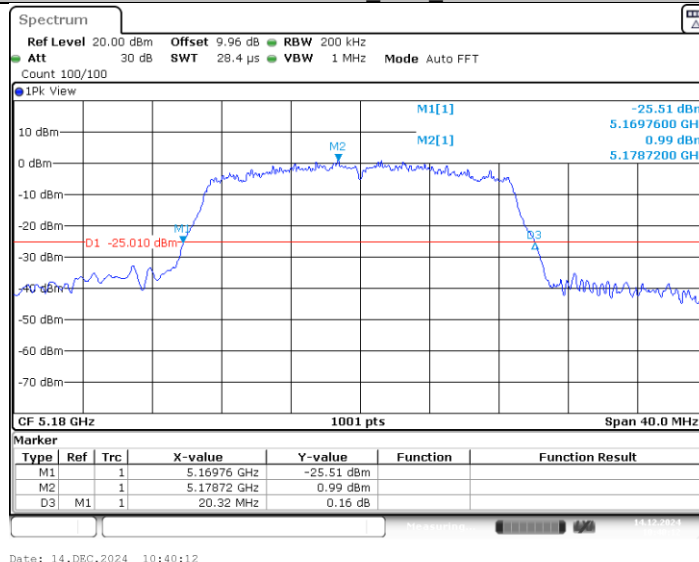
11N40SISO_Ant1_5755



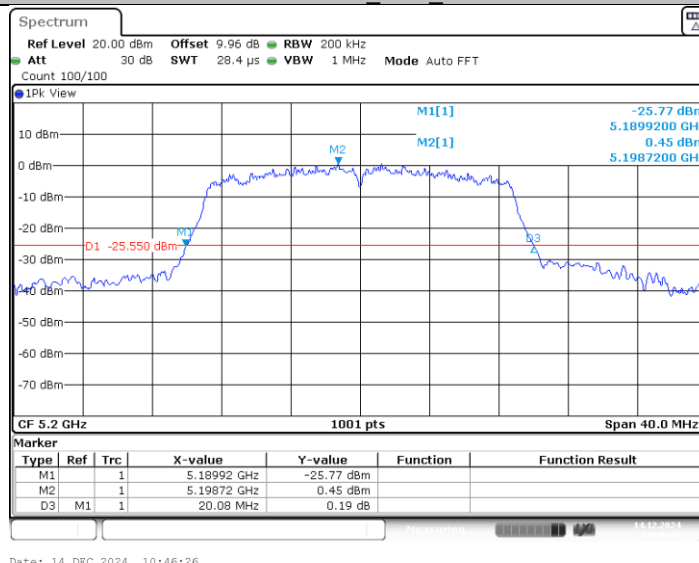
11N40SISO_Ant1_5795



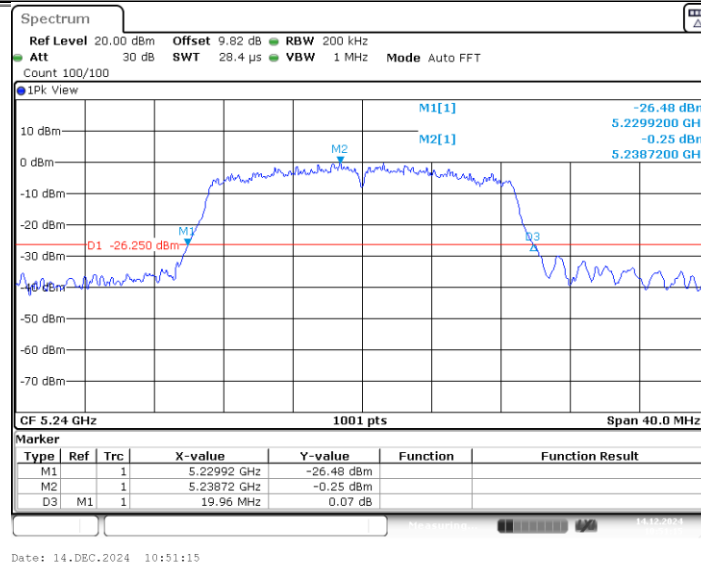
11AC20SISO_Ant1_5180



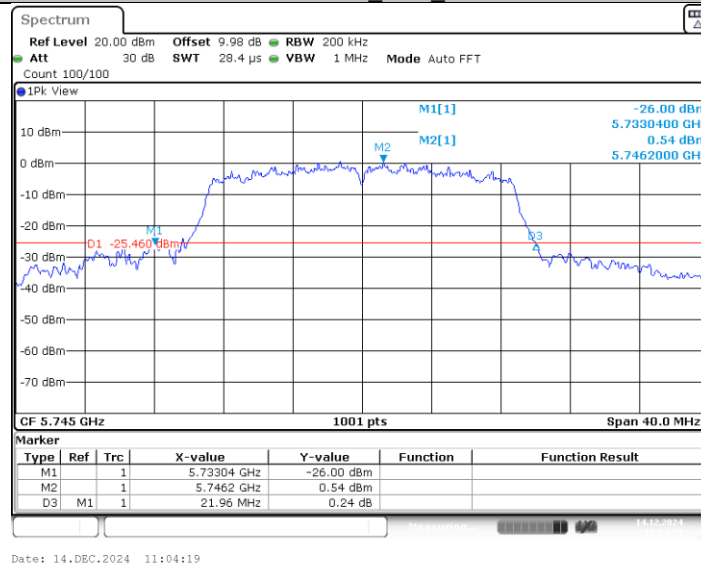
11AC20SISO_Ant1_5200



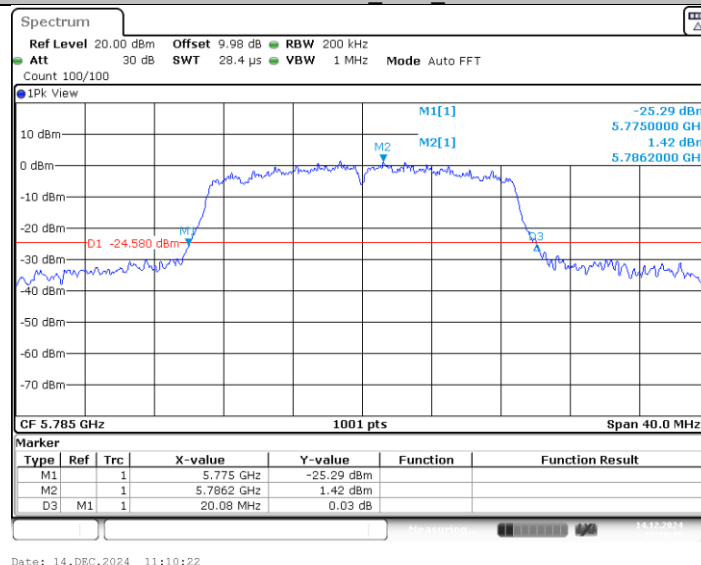
11AC20SISO_Ant1_5240



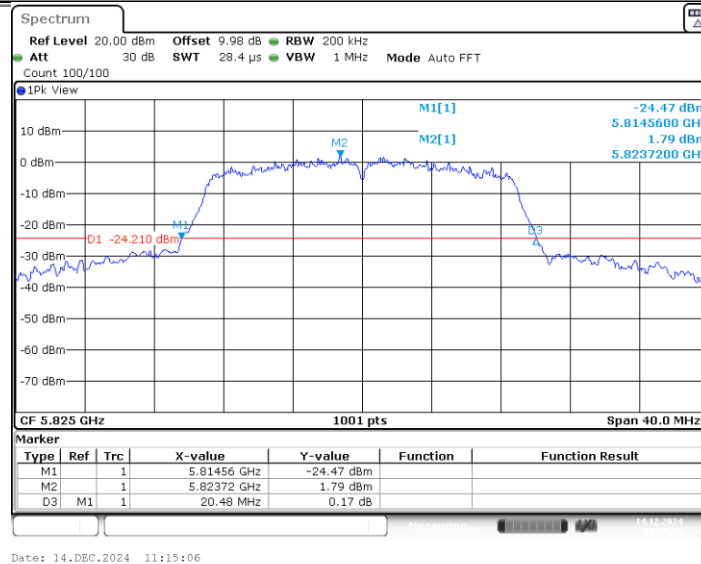
11AC20SISO_Ant1_5745



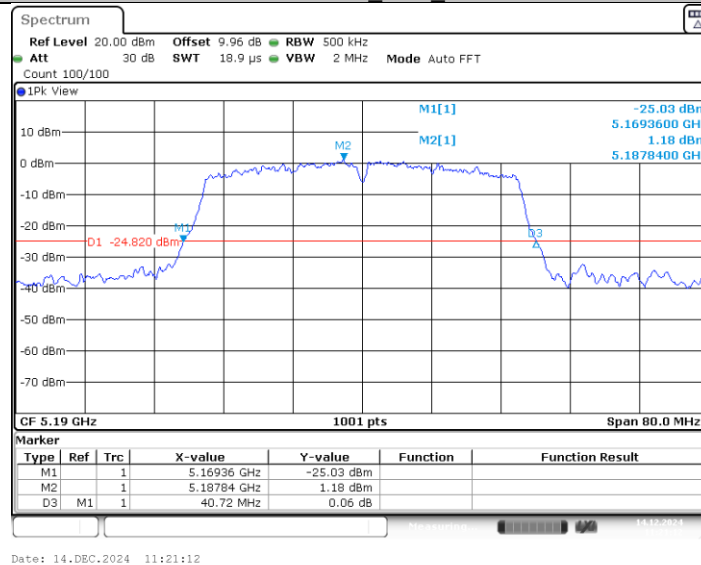
11AC20SISO_Ant1_5785



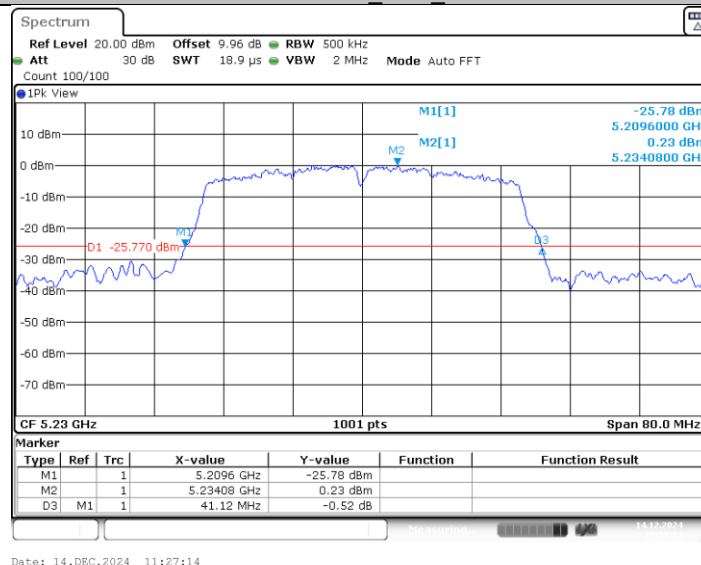
11AC20SISO_Ant1_5825



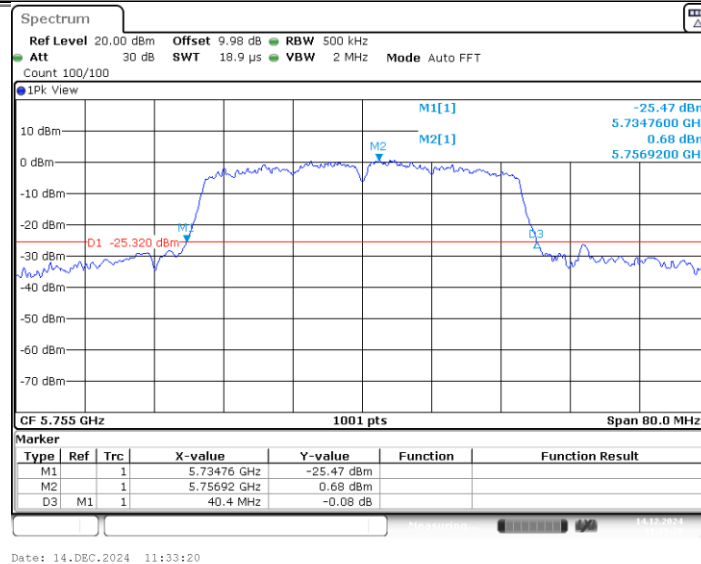
11AC40SISO_Ant1_5190



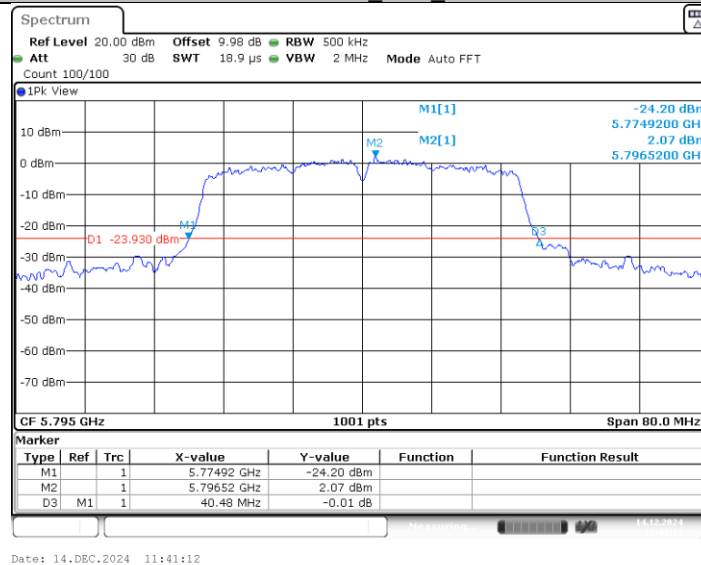
11AC40SISO_Ant1_5230



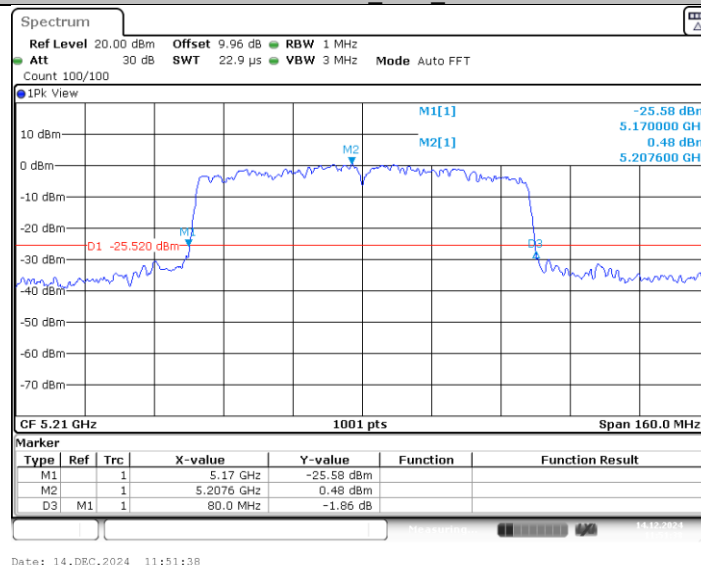
11AC40SISO_Ant1_5755



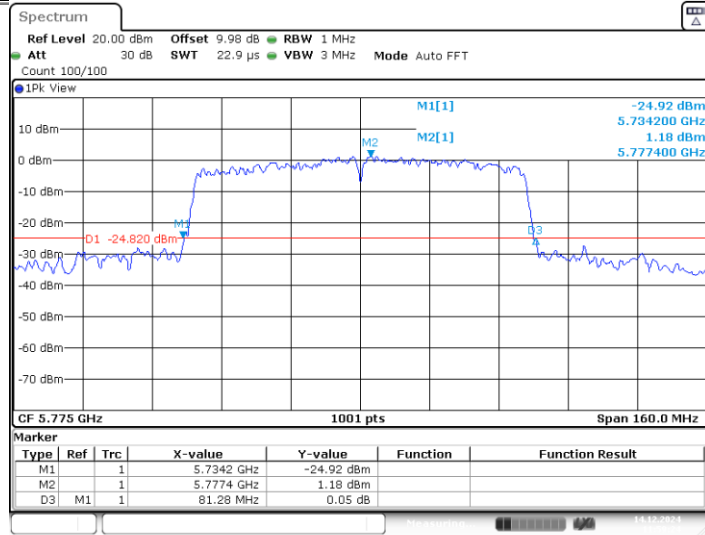
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210

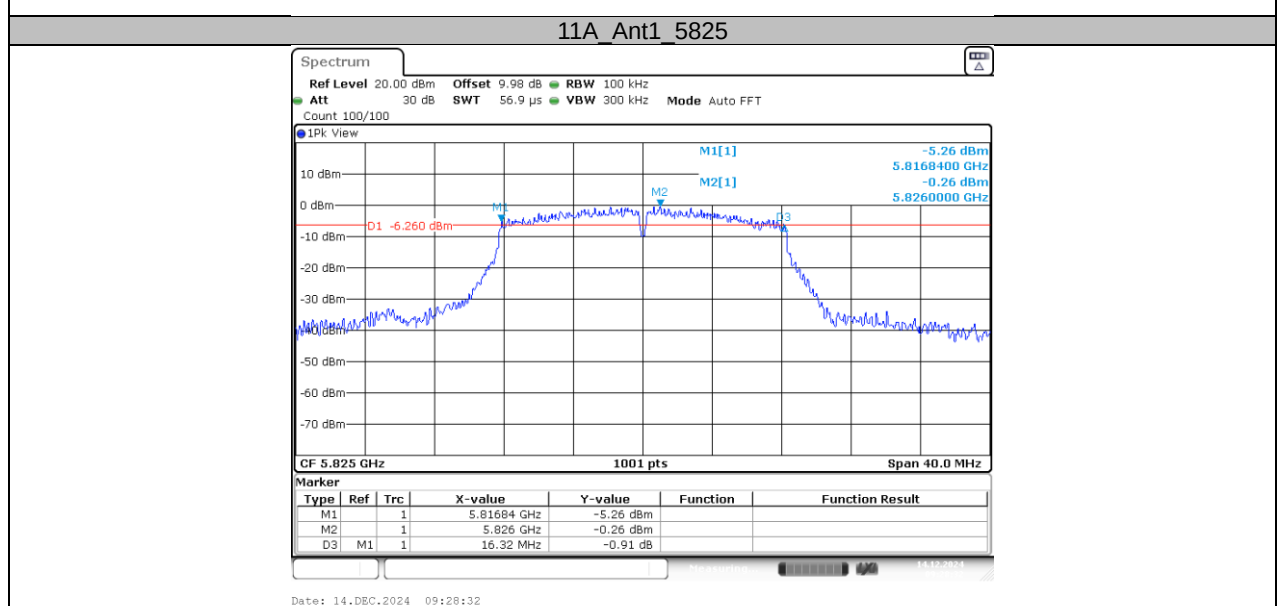
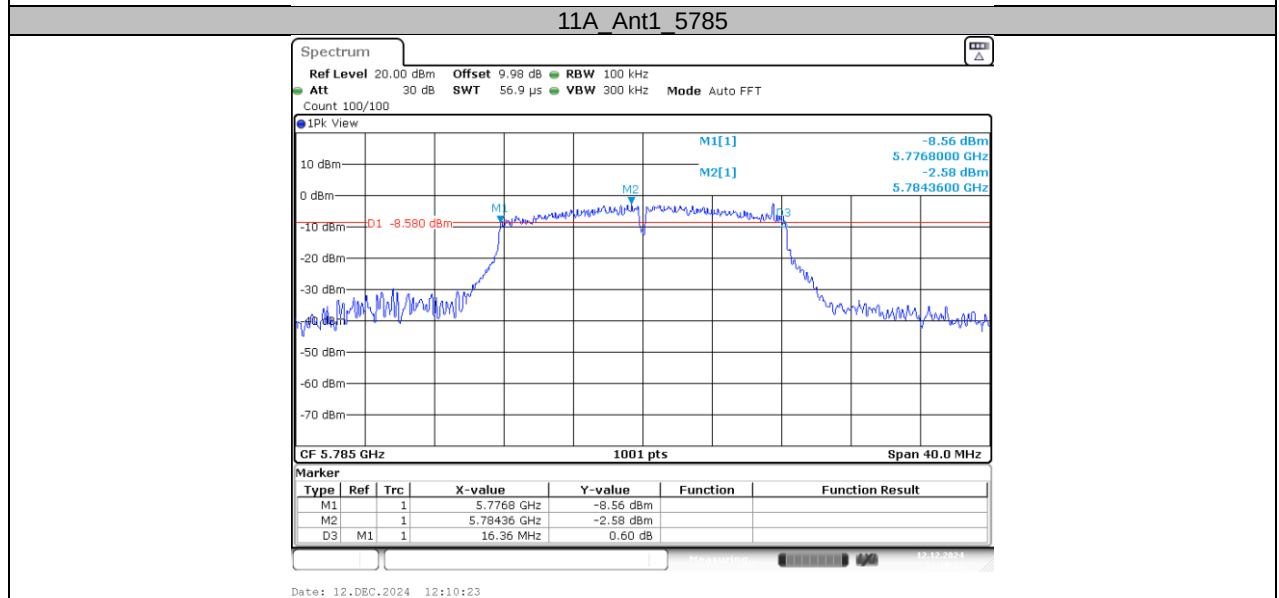
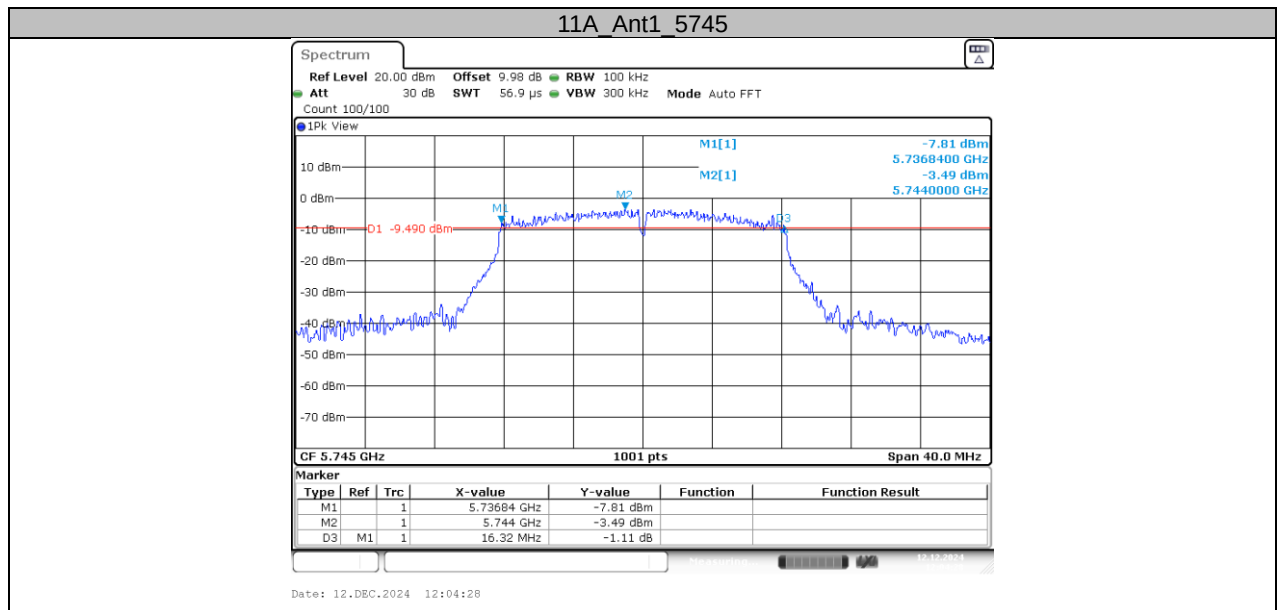


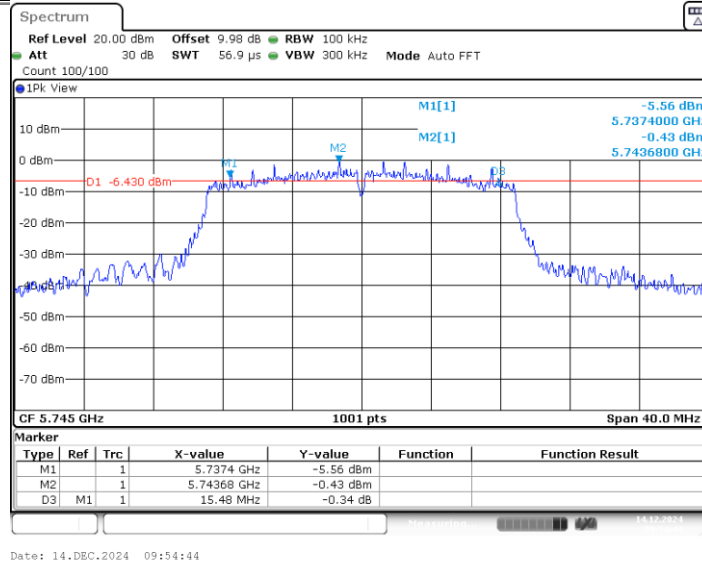
11AC80SISO_Ant1_5775



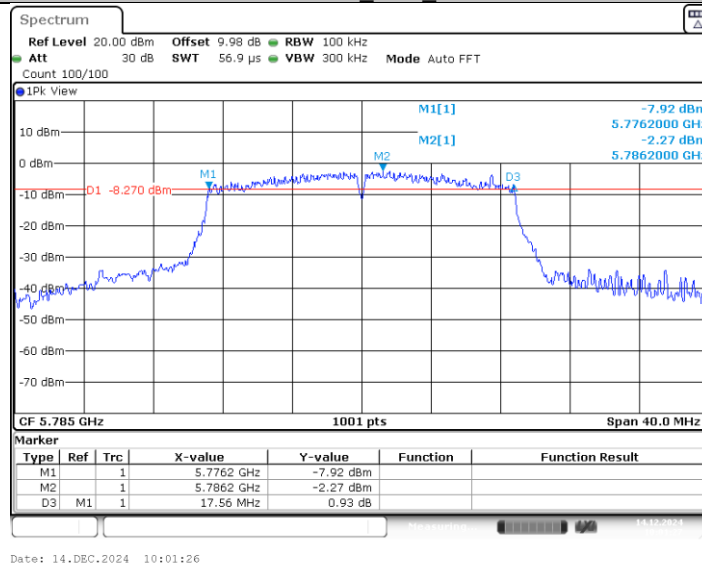
Min emission bandwidth

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
		5785	16.36	5776.80	5793.16	0.5	PASS
		5825	16.32	5816.84	5833.16	0.5	PASS
11N20SISO	Ant1	5745	15.48	5737.40	5752.88	0.5	PASS
		5785	17.56	5776.20	5793.76	0.5	PASS
		5825	13.88	5817.40	5831.28	0.5	PASS
11N40SISO	Ant1	5755	29.84	5742.68	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
		5785	17.56	5776.20	5793.76	0.5	PASS
		5825	15.56	5817.20	5832.76	0.5	PASS
11AC40SISO	Ant1	5755	35.04	5737.48	5772.52	0.5	PASS
		5795	35.44	5777.40	5812.84	0.5	PASS
11AC80SISO	Ant1	5775	68.96	5743.64	5812.60	0.5	PASS

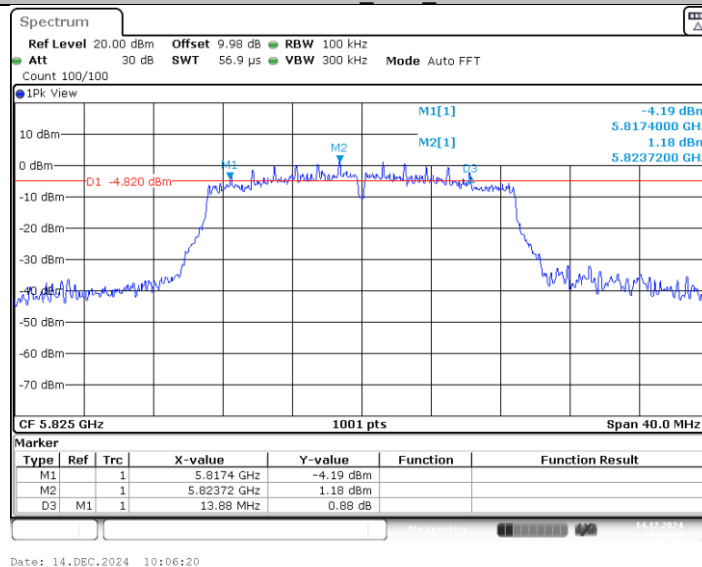




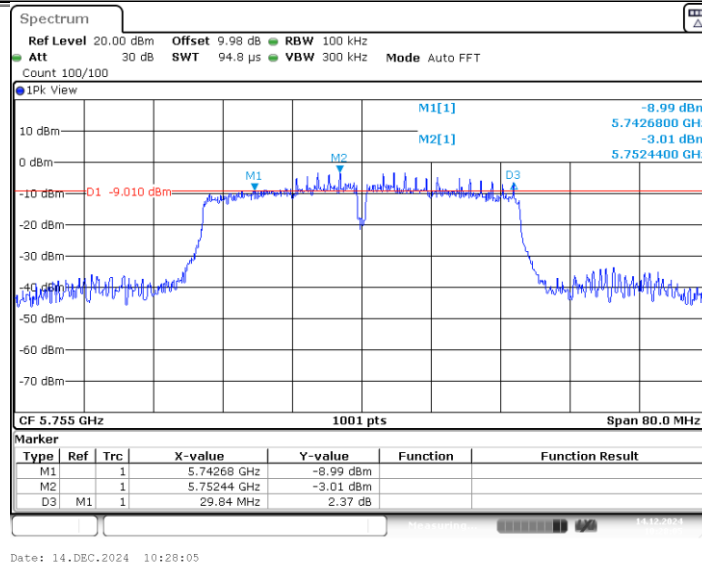
11N20SISO_Ant1_5785



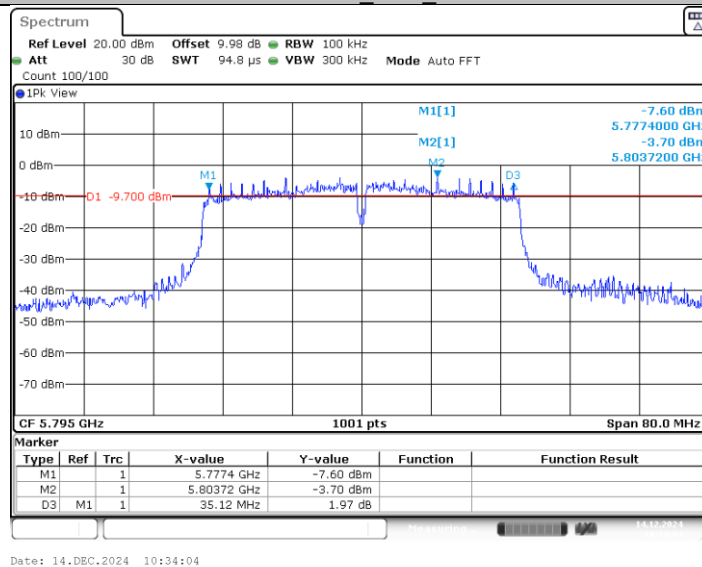
11N20SISO_Ant1_5825



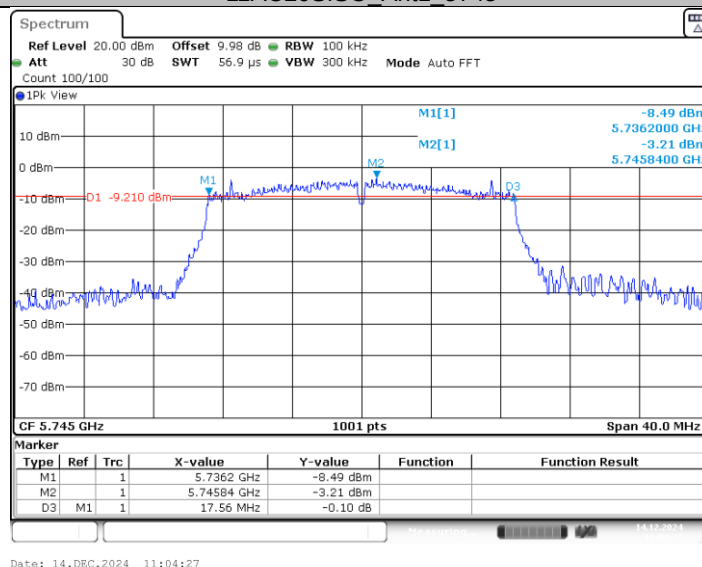
11N40SISO_Ant1_5755



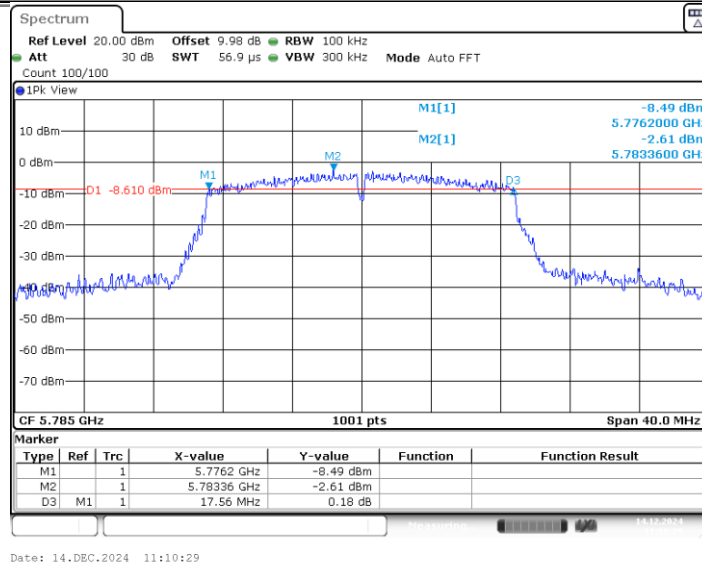
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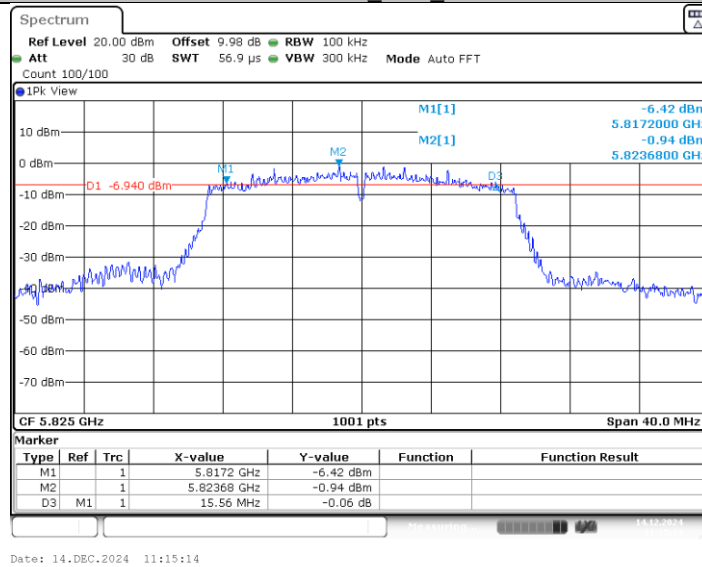
11AC20SISO_Ant1_5745



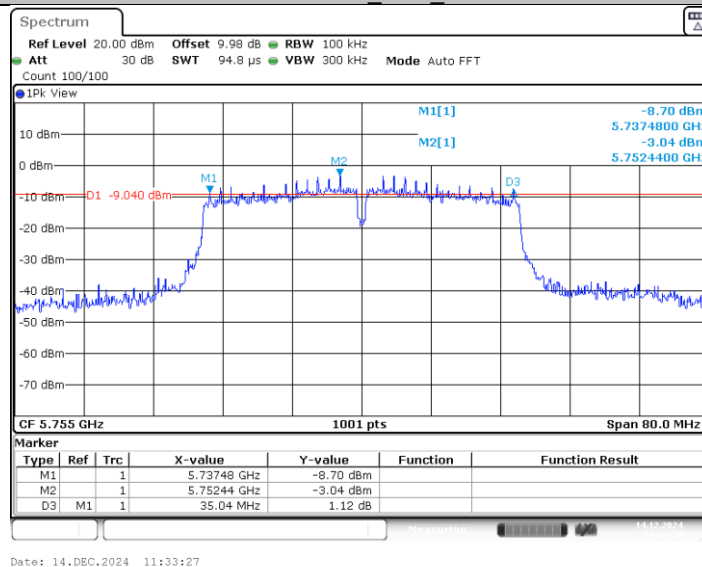
11AC20SISO_Ant1_5785



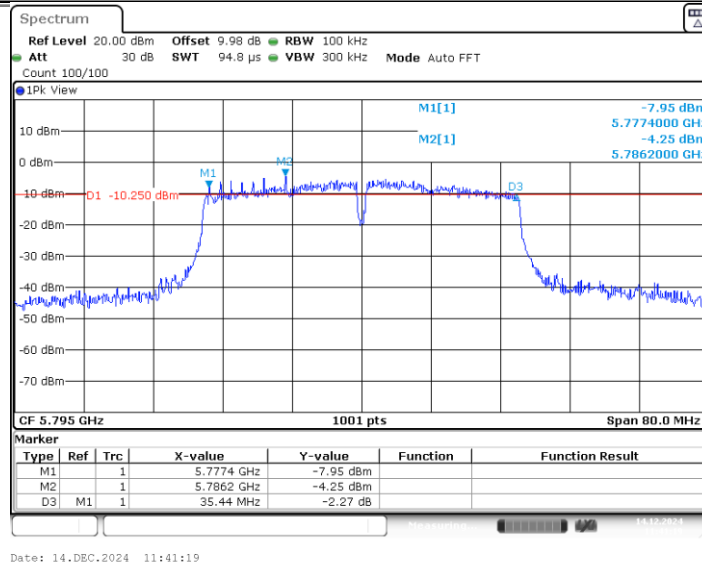
11AC20SISO_Ant1_5825



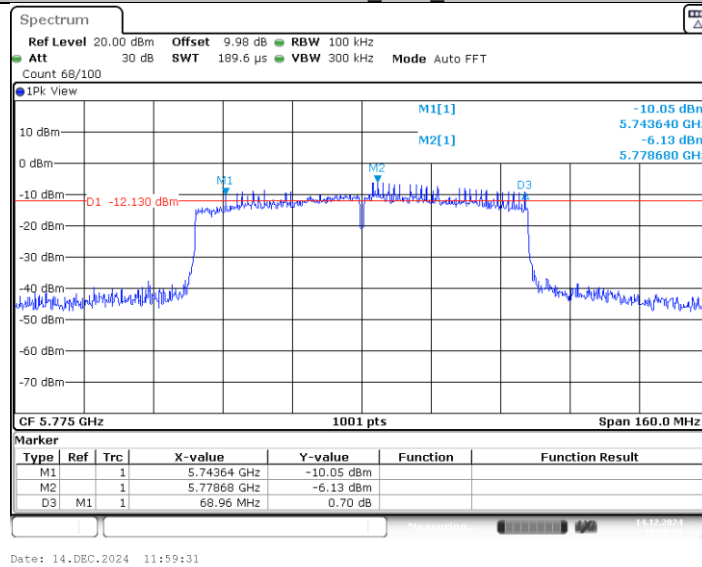
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

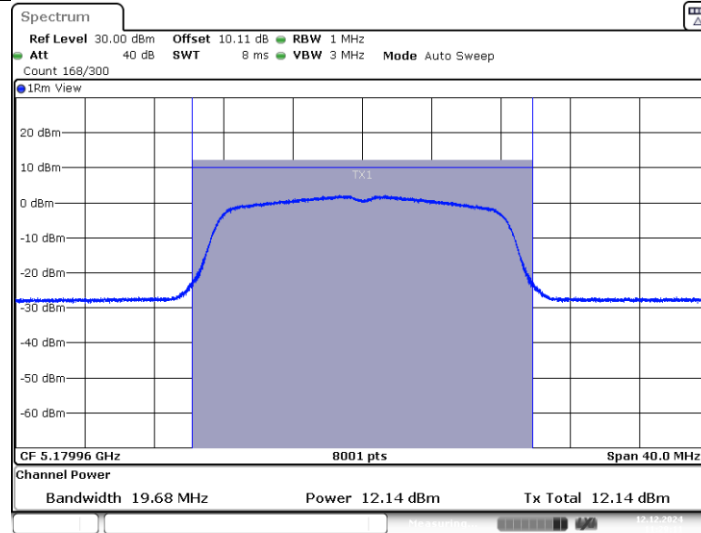


APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	Antenna	Freq(MHz)	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	11.99	96.50	0.15	12.14	≤23.98	PASS
		5200	---	10.51	97.90	0.09	10.60	≤23.98	PASS
		5240	---	11.00	97.89	0.09	11.09	≤23.98	PASS
		5745	---	10.14	97.90	0.09	10.23	≤30.00	PASS
		5785	---	10.78	97.90	0.09	10.87	≤30.00	PASS
		5825	---	12.85	97.90	0.09	12.94	≤30.00	PASS
11N20SISO	Ant1	5180	---	13.28	97.01	0.13	13.41	≤23.98	PASS
		5200	---	13.67	97.74	0.10	13.77	≤23.98	PASS
		5240	---	13.15	97.74	0.10	13.25	≤23.98	PASS
		5745	---	10.73	96.99	0.13	10.86	≤30.00	PASS
		5785	---	11.20	97.01	0.13	11.33	≤30.00	PASS
		5825	---	11.76	96.99	0.13	11.89	≤30.00	PASS
11N40SISO	Ant1	5190	---	11.51	94.20	0.26	11.77	≤23.98	PASS
		5230	---	10.80	95.59	0.20	11.00	≤23.98	PASS
		5755	---	9.92	94.20	0.26	10.18	≤30.00	PASS
		5795	---	10.88	95.59	0.20	11.08	≤30.00	PASS
11AC20SISO	Ant1	5180	---	10.15	97.04	0.13	10.28	≤23.98	PASS
		5200	---	9.75	97.04	0.13	9.88	≤23.98	PASS
		5240	---	8.97	97.76	0.10	9.07	≤23.98	PASS
		5745	---	9.69	97.76	0.10	9.79	≤30.00	PASS
		5785	---	10.64	97.04	0.13	10.77	≤30.00	PASS
		5825	---	11.07	97.04	0.13	11.20	≤30.00	PASS
11AC40SISO	Ant1	5190	---	10.05	94.20	0.26	10.31	≤23.98	PASS
		5230	---	9.50	94.20	0.26	9.76	≤23.98	PASS
		5755	---	9.81	95.65	0.19	10.00	≤30.00	PASS
		5795	---	10.76	94.20	0.26	11.02	≤30.00	PASS
11AC80SISO	Ant1	5210	---	9.41	88.89	0.51	9.92	≤23.98	PASS
		5775	---	10.02	88.89	0.51	10.53	≤30.00	PASS

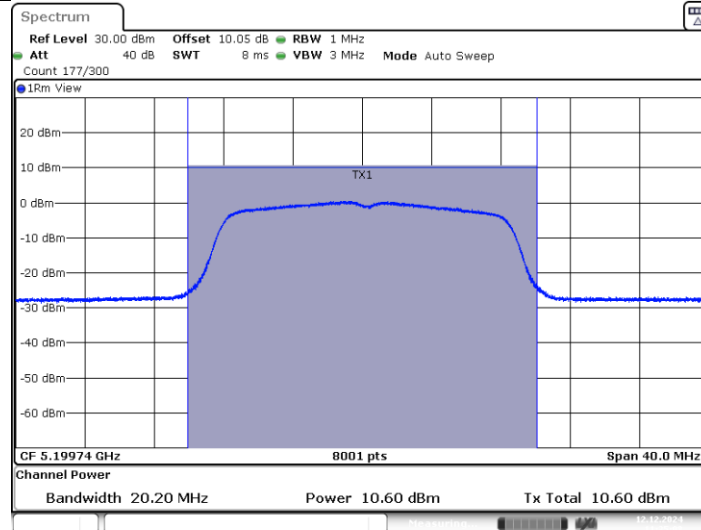
Note: The Duty Cycle Factor is compensated in the graph.

11A_Ant1_5180



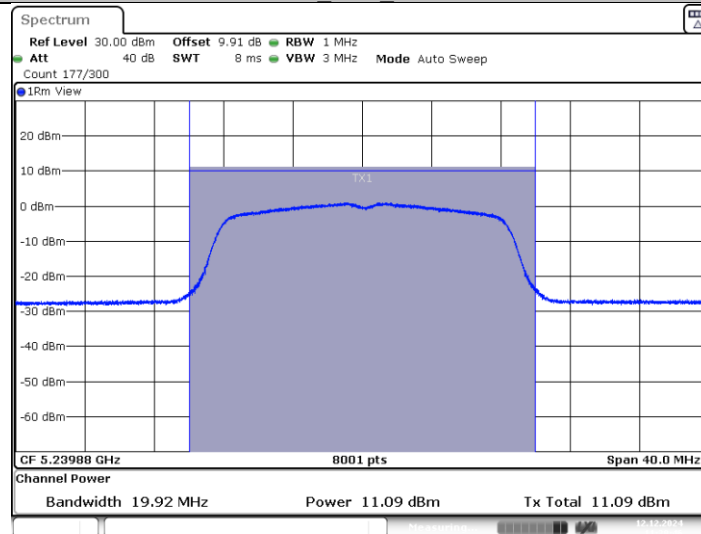
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11A_Ant1_5200



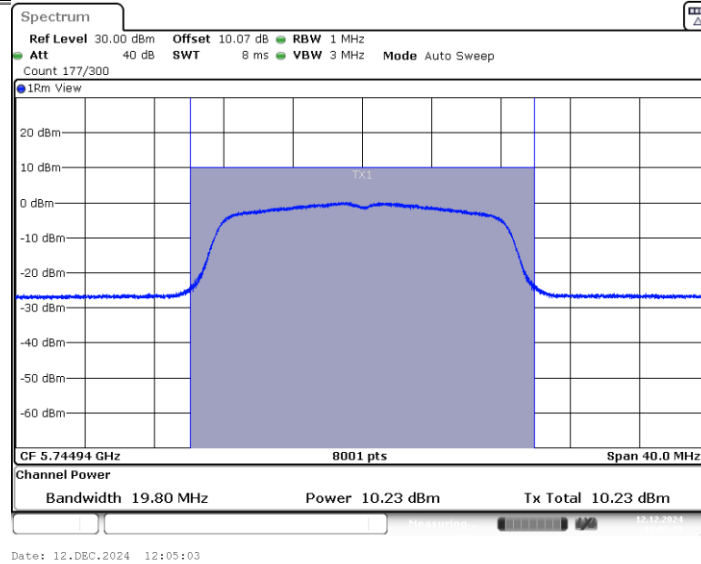
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11A_Ant1_5240

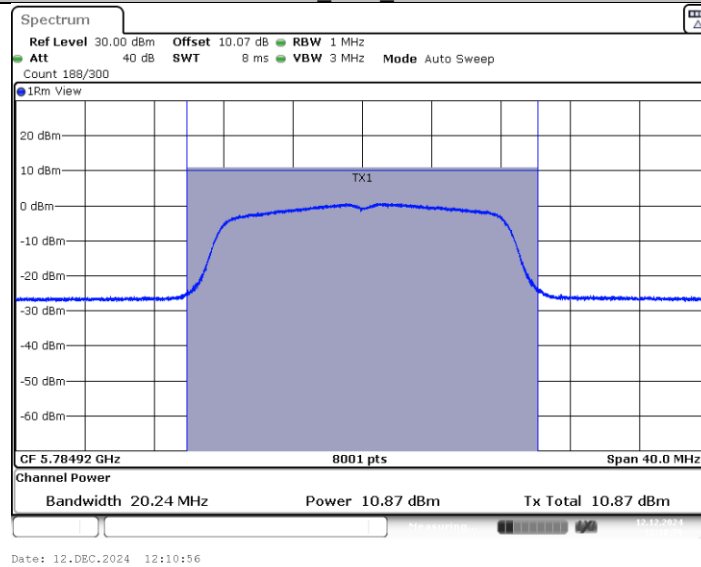


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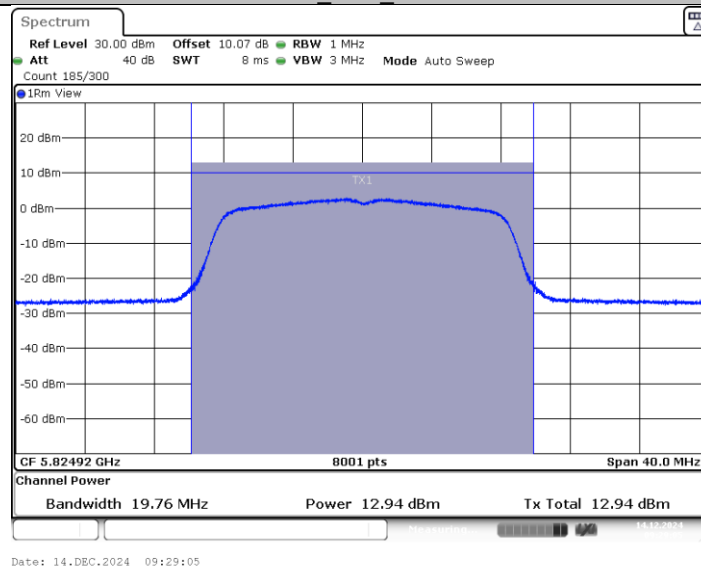
11A_Ant1_5745



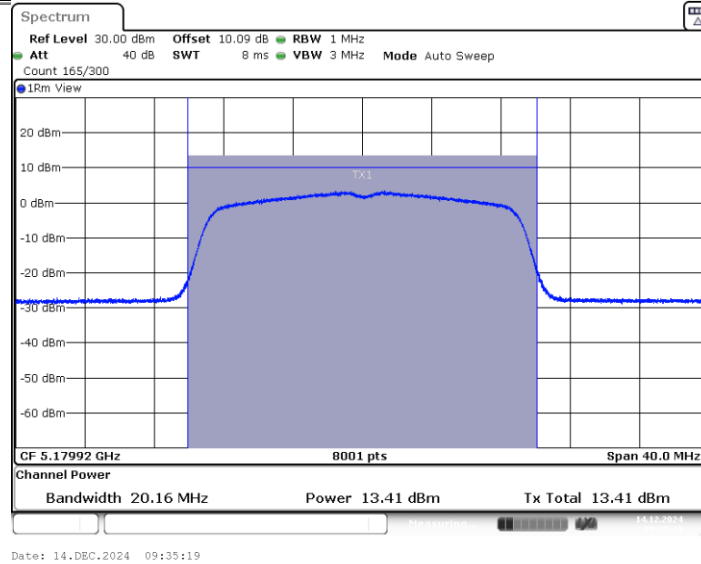
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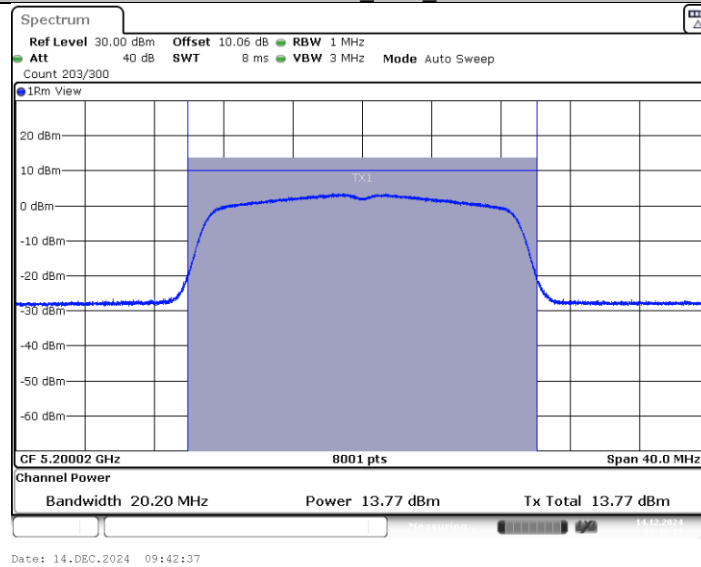
11A_Ant1_5825



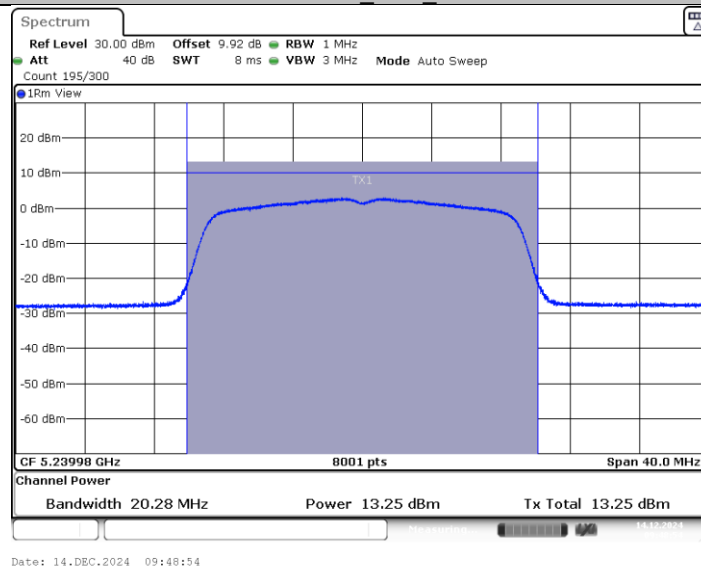
11N20SISO_Ant1_5180



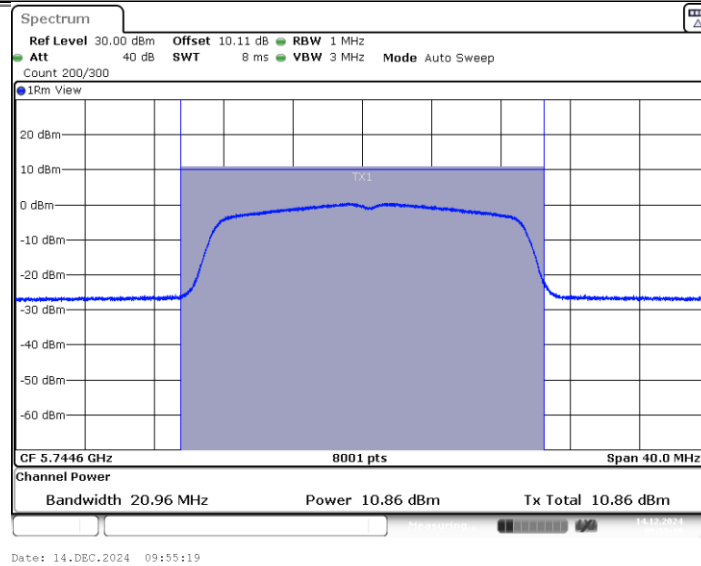
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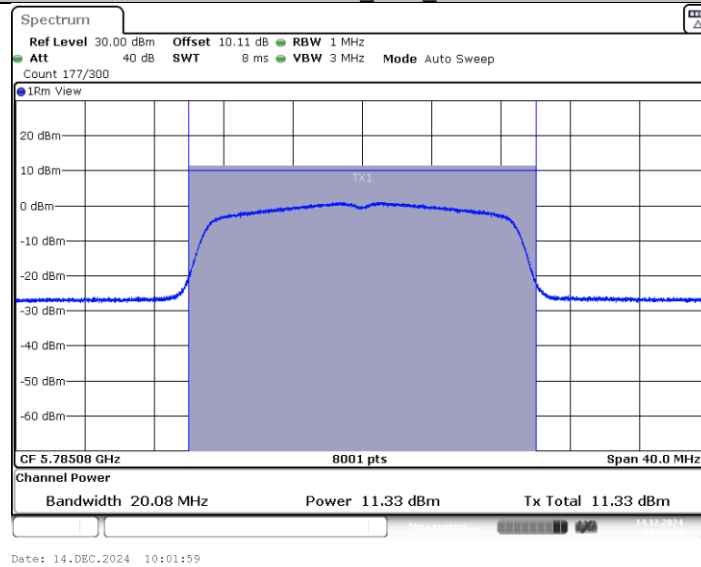
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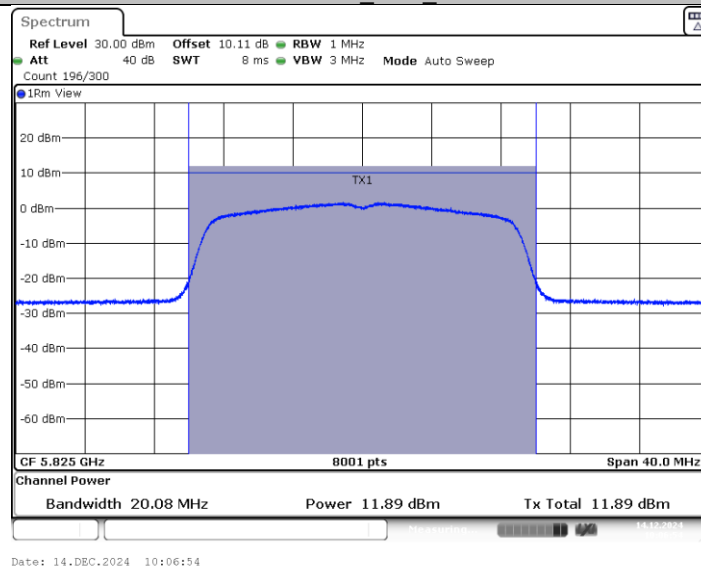
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190