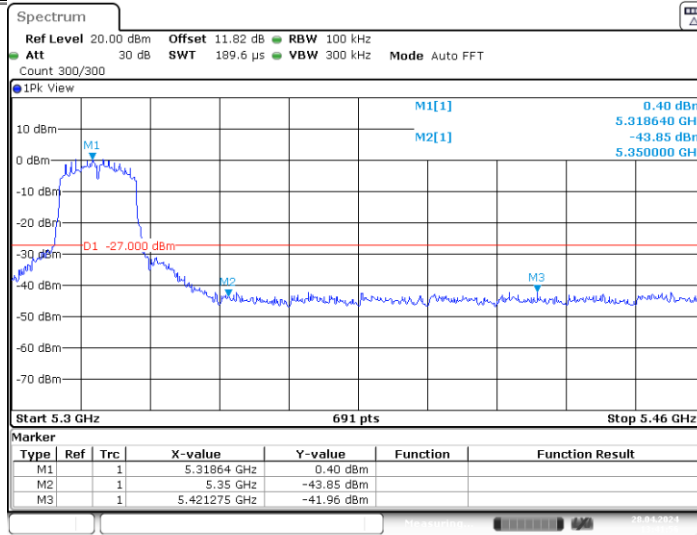
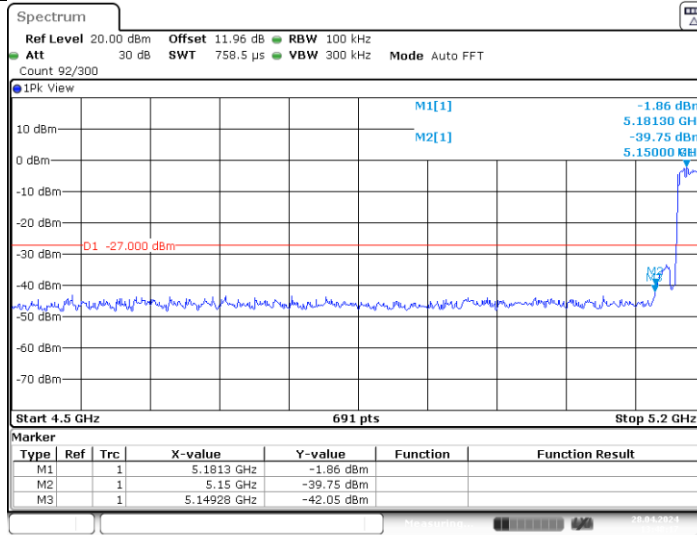




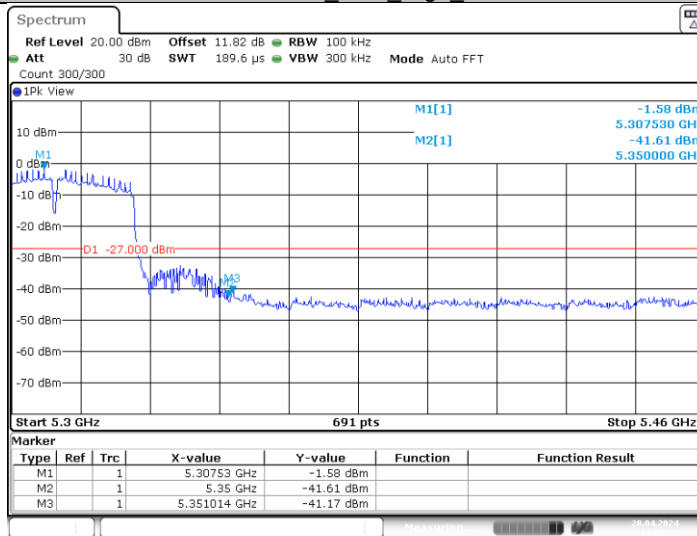
Date: 28.APR.2024 13:41:56

11N40SISO_Ant1_Low_5190



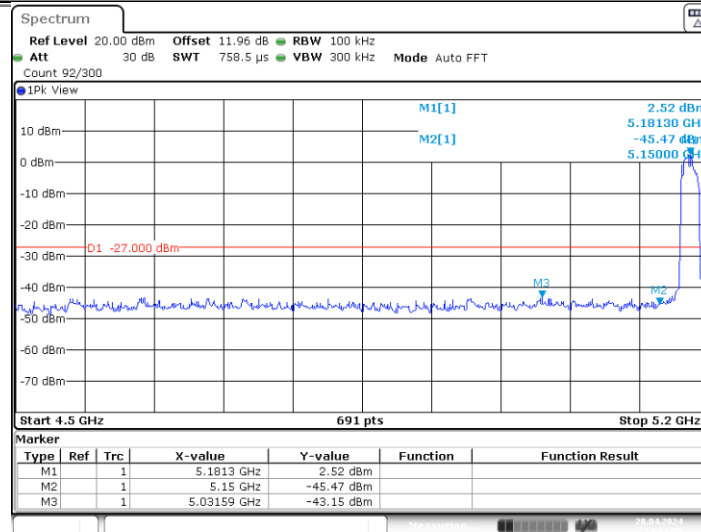
Date: 28.APR.2024 13:48:16

11N40SISO_Ant1_High_5310



Date: 28.APR.2024 14:04:12

11AC20SISO_Ant1_Low_5180



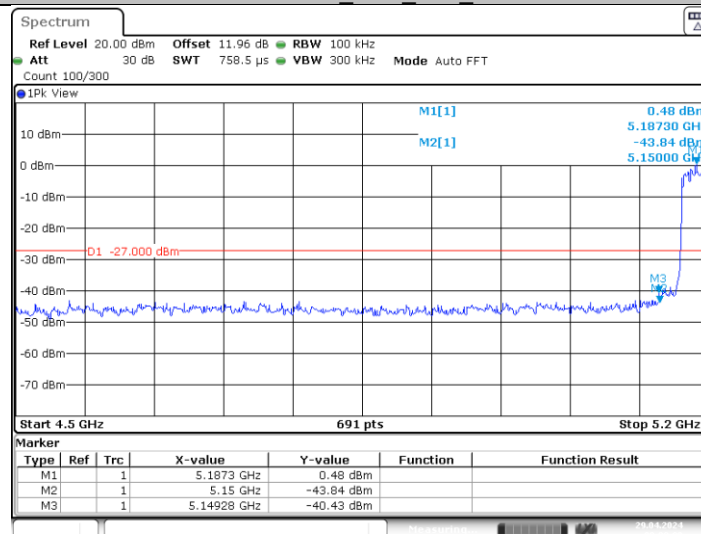
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11AC20SISO_Ant1_High_5320



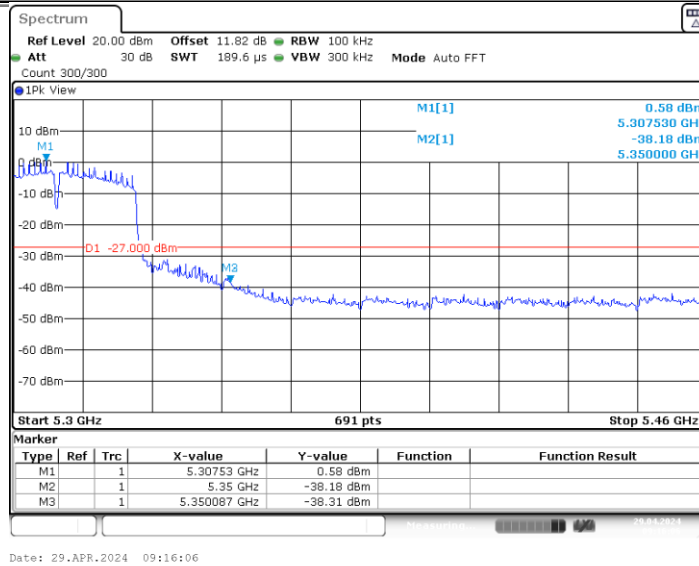
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11AC40SISO_Ant1_Low_5190

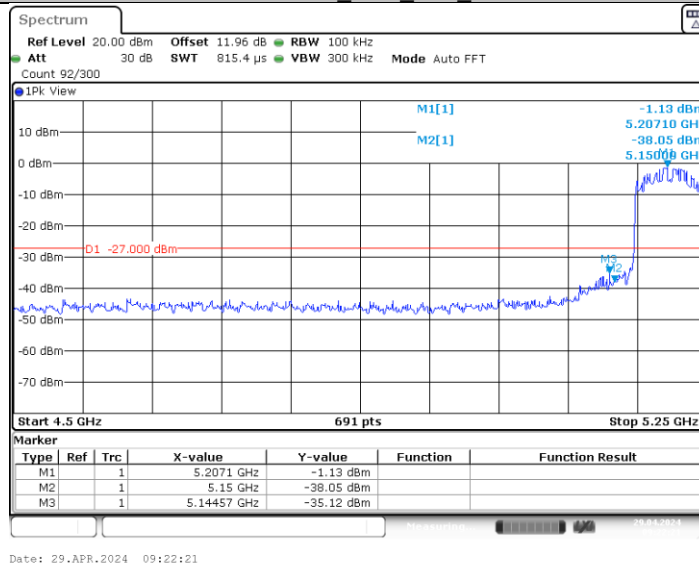


Date: 29.APR.2024 09:00:08

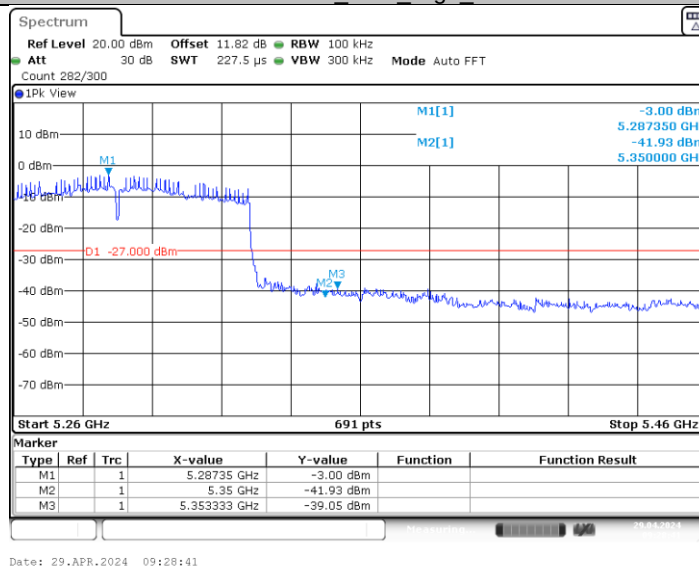
11AC40SISO_Ant1_High_5310



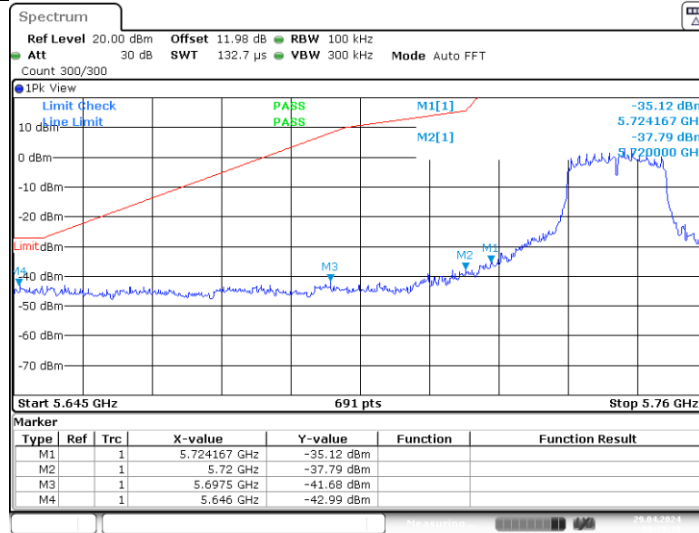
11AC80SISO_Ant1_Low_5210



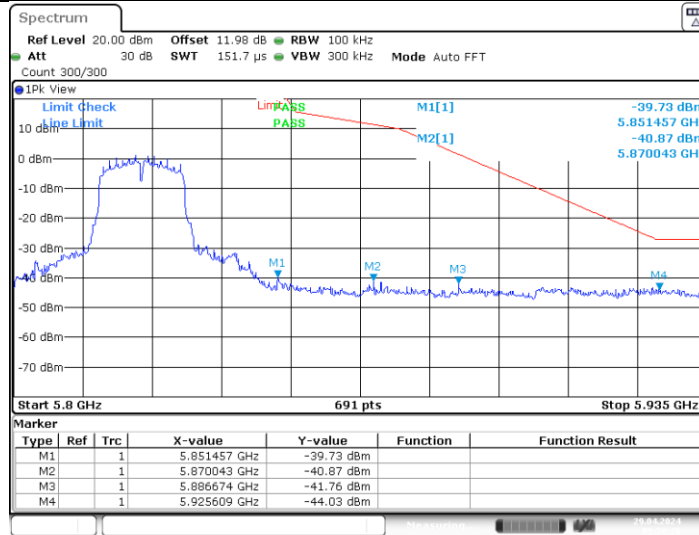
11AC80SISO_Ant1_High_5290



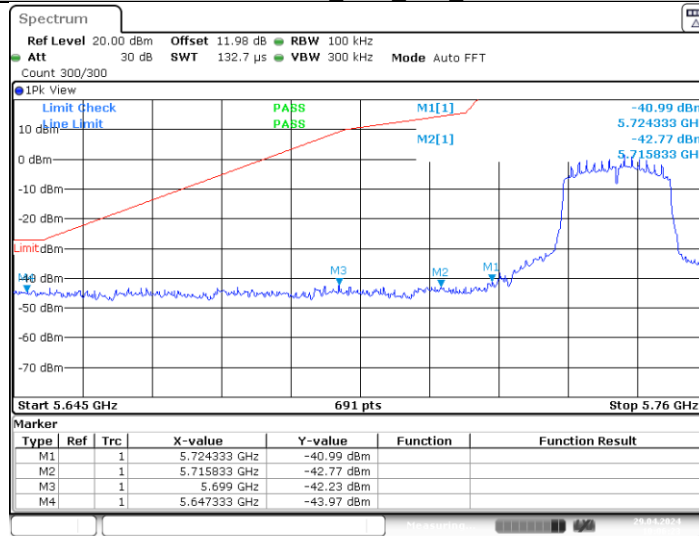
11A_Ant1_Low_5745



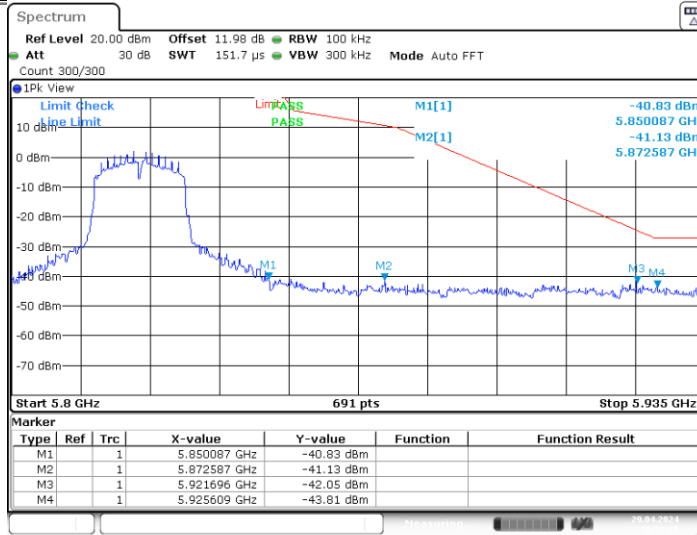
11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



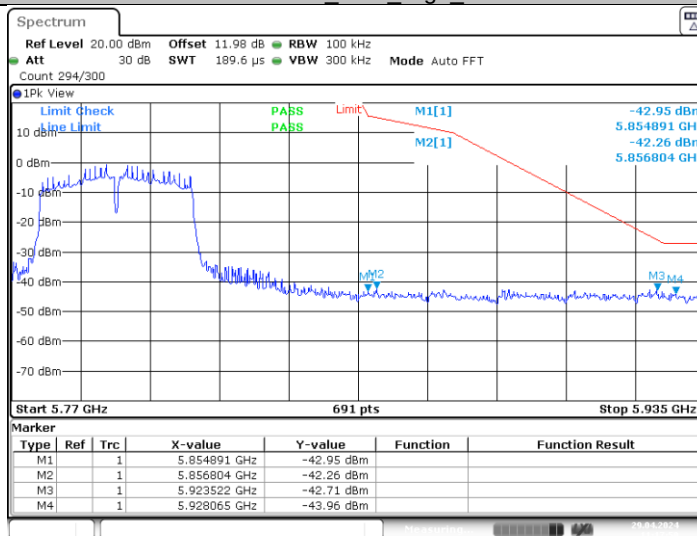
11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



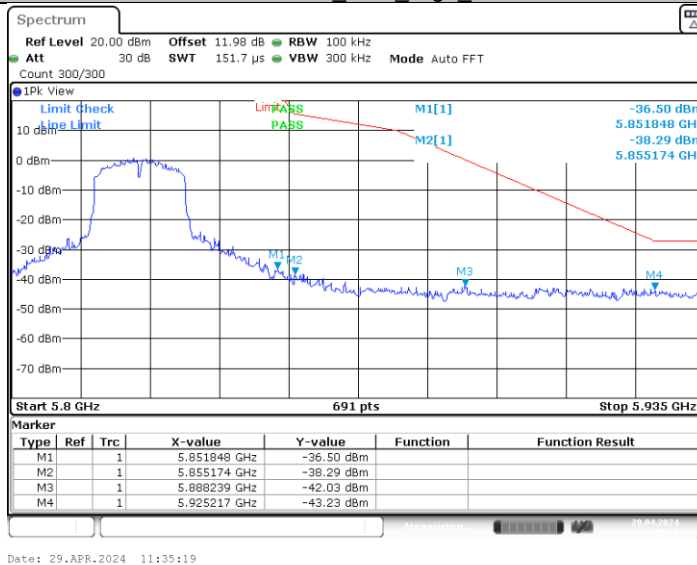
11N40SISO_Ant1_High_5795



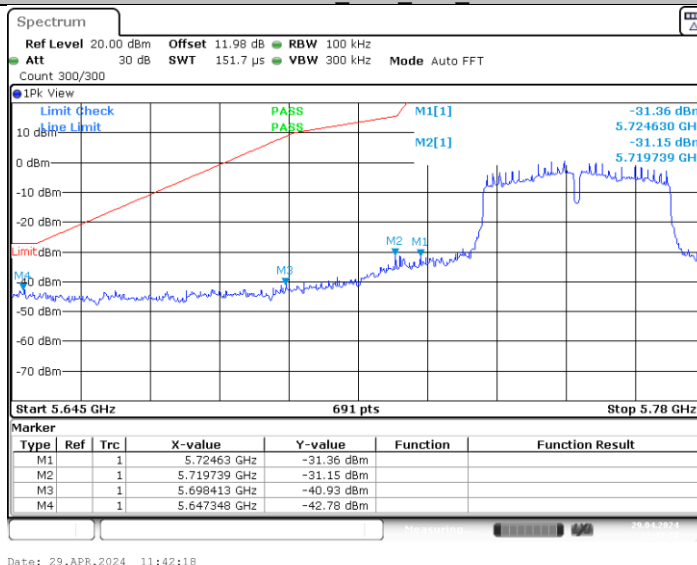
11AC20SISO_Ant1_Low_5745



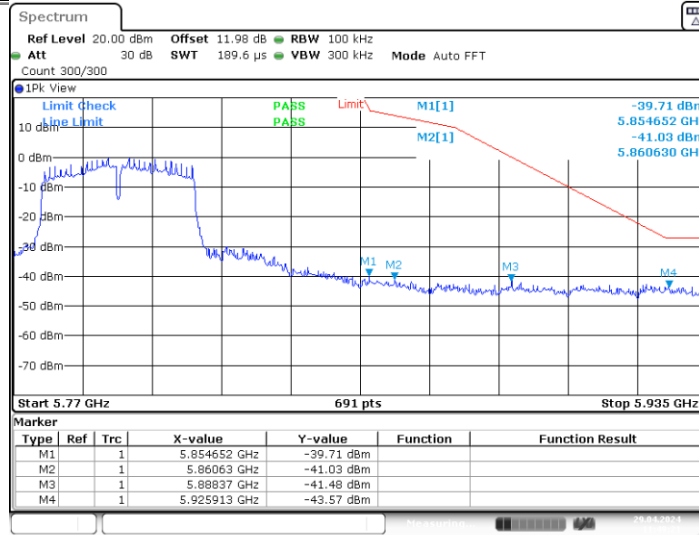
11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755

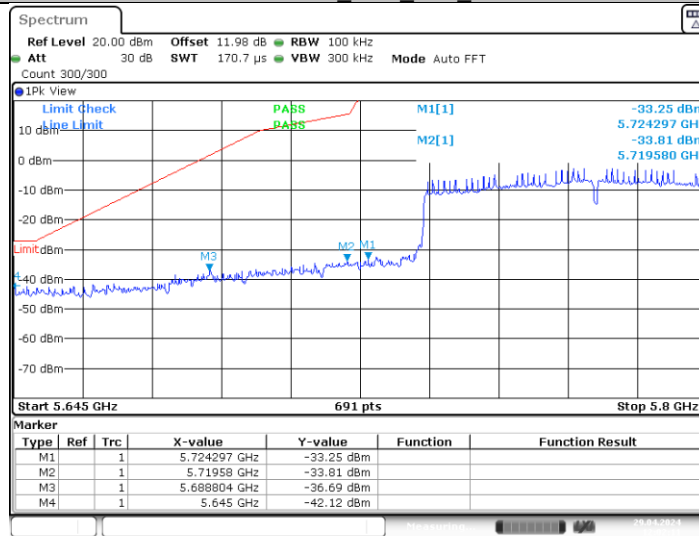


11AC40SISO_Ant1_High_5795



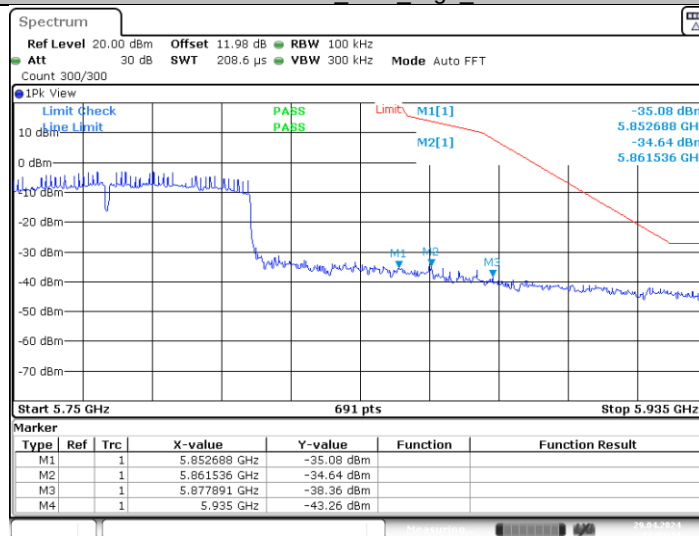
Date: 29.APR.2024 11:49:21

11AC80SISO_Ant1_Low_5775



Date: 29.APR.2024 12:02:11

11AC80SISO_Ant1_High_5775



Date: 29.APR.2024 12:02:34

ABOVE 1000 MHz

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

UNII-1

11A 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)			
10651	H	44.86	---	9.03	53.89	---	74	54	-20.11
15523	H	43.99	---	9.87	53.86	---	74	54	-20.14
---	H	---	---	---	---	---	---	---	---
10651	V	44.73	---	9.03	53.76	---	74	54	-20.24
15542	V	44.07	---	9.88	53.95	---	74	54	-20.05
---	V	---	---	---	---	---	---	---	---
11A 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)			
10668	H	44.59	---	9.09	53.68	---	74	54	-20.32
15600	H	43.58	---	9.91	53.49	---	74	54	-20.51
---	H	---	---	---	---	---	---	---	---
10668	V	44.86	---	9.09	53.95	---	74	54	-20.05
15600	V	43.08	---	9.91	52.99	---	74	54	-21.01
---	V	---	---	---	---	---	---	---	---
11A 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)			
10759	H	43.35	---	9.24	52.59	---	74	54	-21.41
15722	H	42.99	---	10.01	53.00	---	74	54	-21.00
---	H	---	---	---	---	---	---	---	---
10759	V	44.46	---	9.24	53.7	---	74	54	-20.30
15722	V	43.08	---	10.01	53.09	---	74	54	-20.91
---	V	---	---	---	---	---	---	---	---

UNII-2A

11A Channel 52 / 5260 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)			
10983	H	43.76	---	9.44	53.2	---	74	54	-20.80
15781	H	43.05	---	10.12	53.17	---	74	54	-20.83
---	H	---	---	---	---	---	---	---	---
10984	V	43.51	---	9.46	52.97	---	74	54	-21.03
15782	V	42.08	---	10.13	52.21	---	74	54	-21.79
---	V	---	---	---	---	---	---	---	---
11A Channel 56 / 5280 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)			
11250	H	44.28	---	9.51	53.79	---	74	54	-20.21
15842	H	43.15	---	10.51	53.66	---	74	54	-20.34
---	H	---	---	---	---	---	---	---	---
11250	V	43.33	---	9.51	52.84	---	74	54	-21.16
15841	V	43.01	---	10.49	53.50	---	74	54	-20.50
---	V	---	---	---	---	---	---	---	---
11A Channel 64 / 5320 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)			
11641	H	43.82	---	9.63	53.45	---	74	54	-20.55
15961	H	42.73	---	11.25	53.98	---	74	54	-20.02
---	H	---	---	---	---	---	---	---	---
11642	V	43.05	---	9.63	52.68	---	74	54	-21.32
15959	V	41.08	---	11.23	52.31	---	74	54	-21.69
---	V	---	---	---	---	---	---	---	---

UNII-3

11A 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)			
11725	H	43.93	---	9.81	53.74	---	74	54	-20.26
17736	H	40.14	---	12.96	53.1	---	74	54	-20.90
---	H	---	---	---	---	---	---	---	---
11725	V	42.95	---	9.81	52.76	---	74	54	-21.24
17735	V	41.04	---	12.95	53.99	---	74	54	-20.01
---	V	---	---	---	---	---	---	---	---
11A 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)			
11831	H	41.08	---	9.91	50.99	---	74	54	-23.01
18125	H	40.35	---	13.21	53.56	---	74	54	-20.44
---	H	---	---	---	---	---	---	---	---
11841	V	42.01	---	9.92	51.93	---	74	54	-22.07
18351	V	40.12	---	13.22	53.34	---	74	54	-20.66
---	V	---	---	---	---	---	---	---	---
11A 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)			
11902	H	43.02	---	10.01	53.03	---	74	54	-20.97
18250	H	39.04	---	14.01	53.05	---	74	54	-20.95
---	H	---	---	---	---	---	---	---	---
11931	V	42.81	---	9.98	52.79	---	74	54	-21.21
18299	V	38.09	---	13.99	52.08	---	74	54	-21.92
---	V	---	---	---	---	---	---	---	---

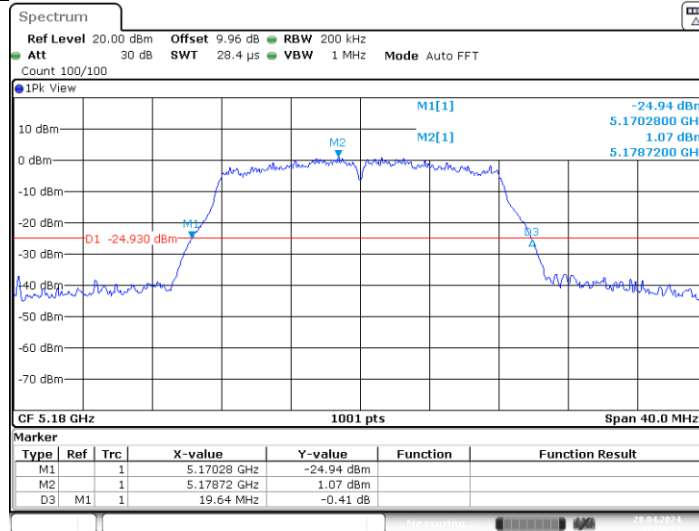
Notes:

- 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). Worst case data at 1Mbps at IEEE 802.11a.
- 4). Measured Level = Reading Level + Factor, Margin = Measured Level – Limit

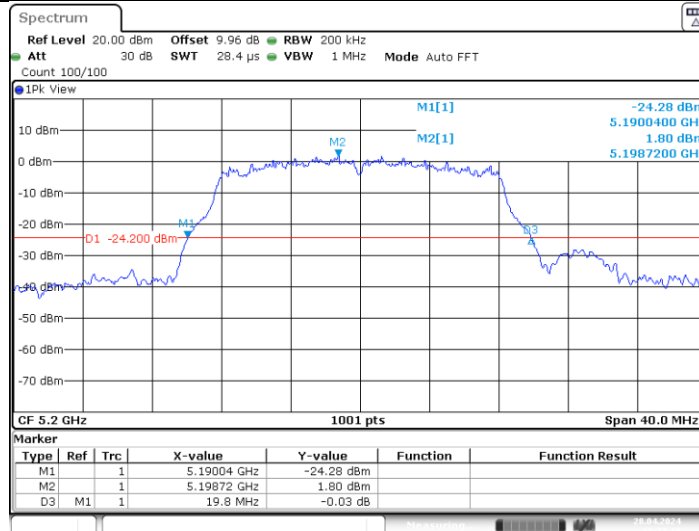
APPENDIXE -BANDWIDTH

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.64	5170.28	5189.92	---	---
		5200	19.80	5190.04	5209.84	---	---
		5240	19.72	5230.08	5249.80	---	---
		5260	19.76	5250.16	5269.92	---	---
		5280	19.68	5270.12	5289.80	---	---
		5320	19.76	5310.12	5329.88	---	---
		5745	19.80	5735.08	5754.88	---	---
		5785	19.96	5775.00	5794.96	---	---
11N20SISO	Ant1	5825	21.72	5815.20	5836.92	---	---
		5180	20.20	5169.88	5190.08	---	---
		5200	20.24	5189.80	5210.04	---	---
		5240	20.16	5229.88	5250.04	---	---
		5260	20.00	5250.04	5270.04	---	---
		5280	20.24	5269.84	5290.08	---	---
		5320	22.24	5309.20	5331.44	---	---
		5745	20.36	5734.88	5755.24	---	---
11N40SISO	Ant1	5785	20.12	5774.96	5795.08	---	---
		5825	20.56	5814.80	5835.36	---	---
		5190	40.72	5169.20	5209.92	---	---
		5230	40.56	5209.60	5250.16	---	---
		5270	40.80	5249.60	5290.40	---	---
		5310	52.96	5277.28	5330.24	---	---
11AC20SISO	Ant1	5755	54.88	5734.60	5789.48	---	---
		5795	54.56	5774.76	5829.32	---	---
		5180	20.20	5169.76	5189.96	---	---
		5200	20.08	5189.96	5210.04	---	---
		5240	20.28	5229.92	5250.20	---	---
		5260	20.24	5249.96	5270.20	---	---
		5280	20.20	5269.84	5290.04	---	---
		5320	20.36	5309.72	5330.08	---	---
11AC40SISO	Ant1	5745	20.28	5734.84	5755.12	---	---
		5785	21.00	5775.00	5796.00	---	---
		5825	20.32	5814.80	5835.12	---	---
		5190	40.64	5169.68	5210.32	---	---
		5230	40.56	5209.68	5250.24	---	---
		5270	40.48	5249.84	5290.32	---	---
11AC80SISO	Ant1	5310	40.56	5289.52	5330.08	---	---
		5755	41.12	5734.12	5775.24	---	---
		5795	40.80	5774.28	5815.08	---	---
		5210	80.16	5169.84	5250.00	---	---
		5290	80.64	5250.00	5330.64	---	---
		5775	81.44	5733.56	5815.00	---	---

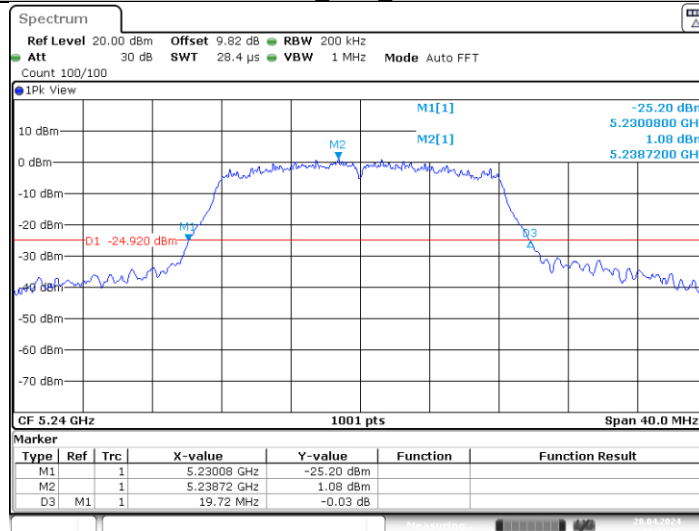
11A_Ant1_5180



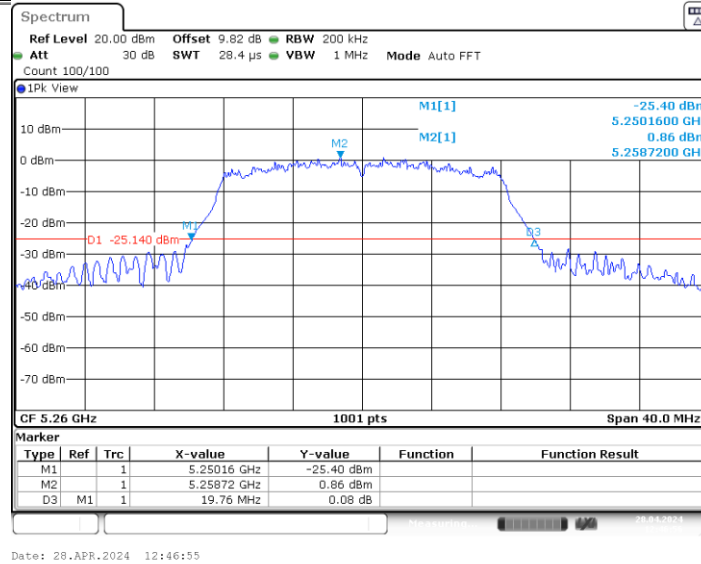
11A_Ant1_5200



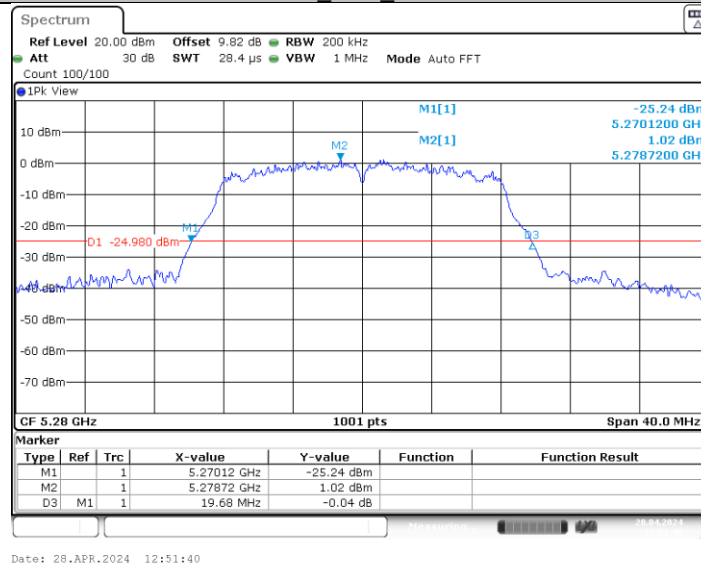
11A_Ant1_5240



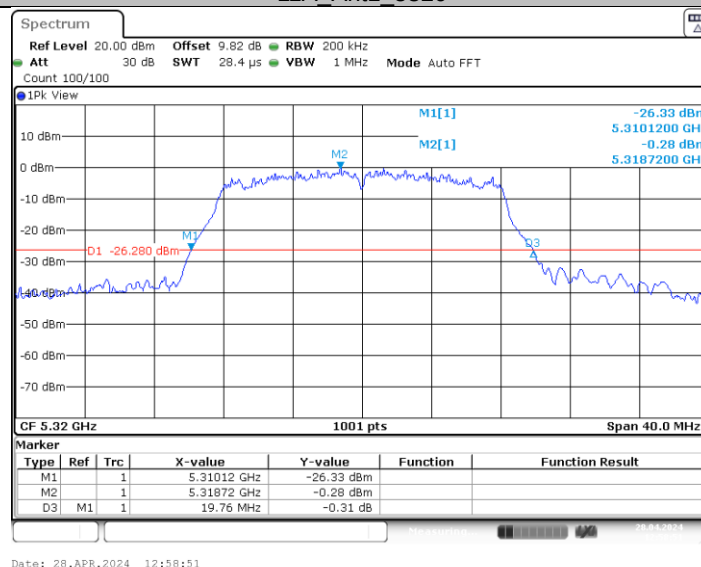
11A_Ant1_5260



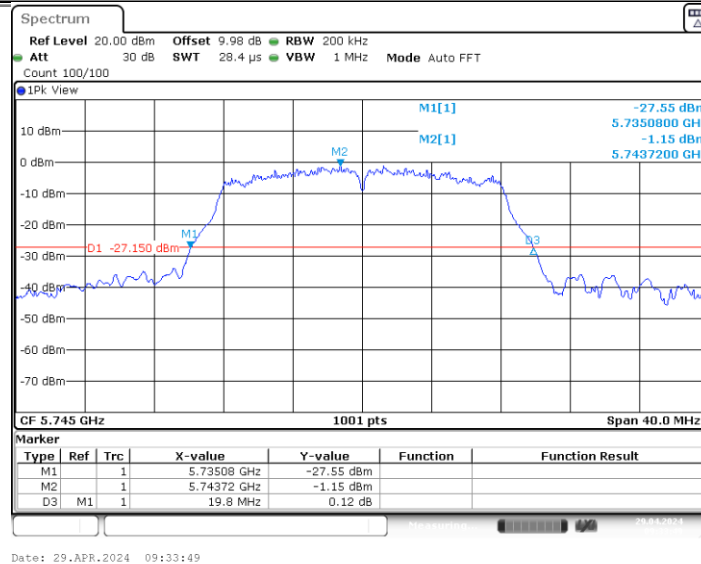
11A_Ant1_5280



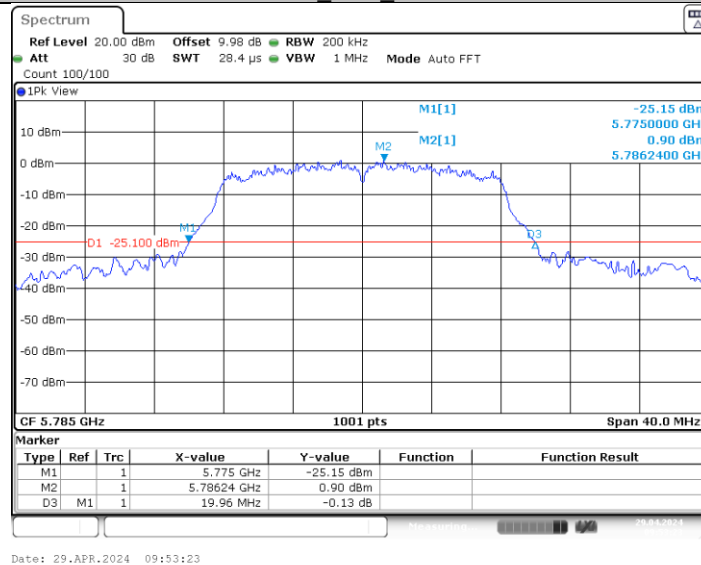
11A_Ant1_5320



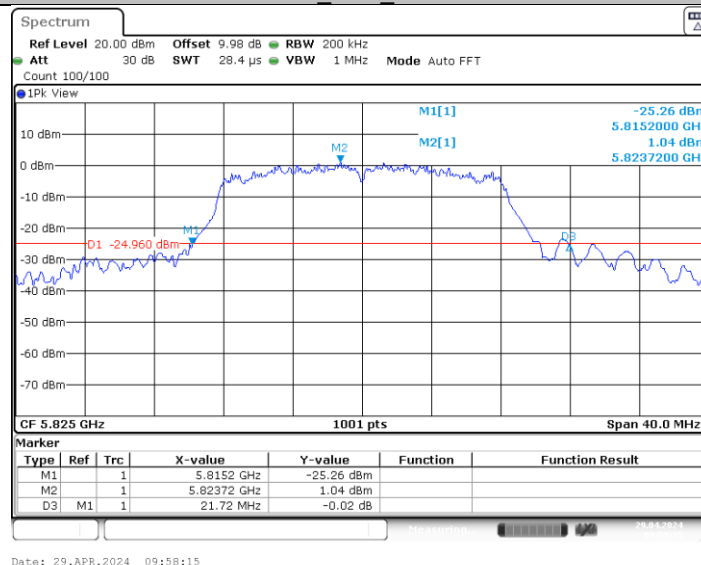
11A_Ant1_5745



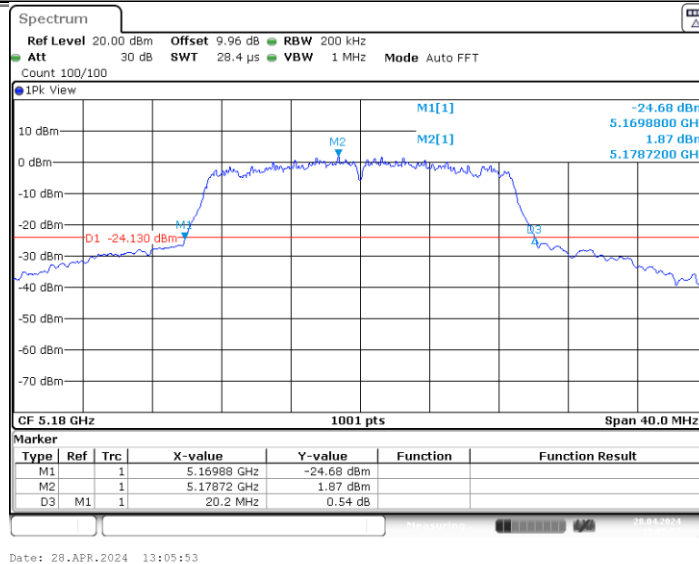
11A_Ant1_5785



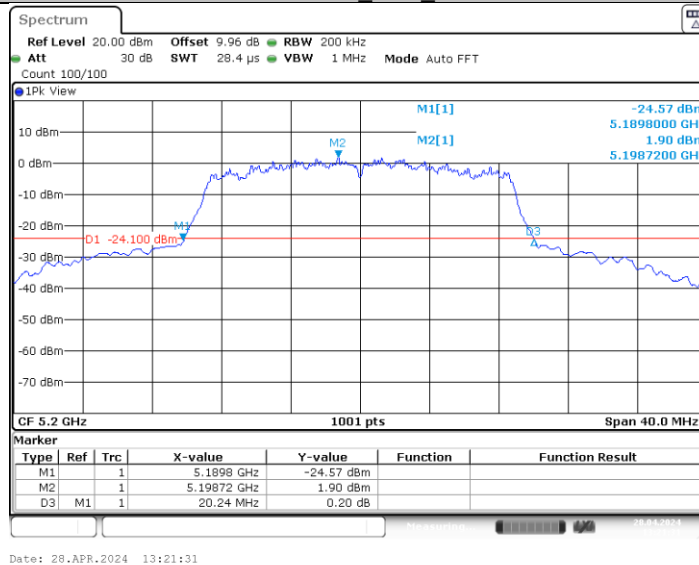
11A_Ant1_5825



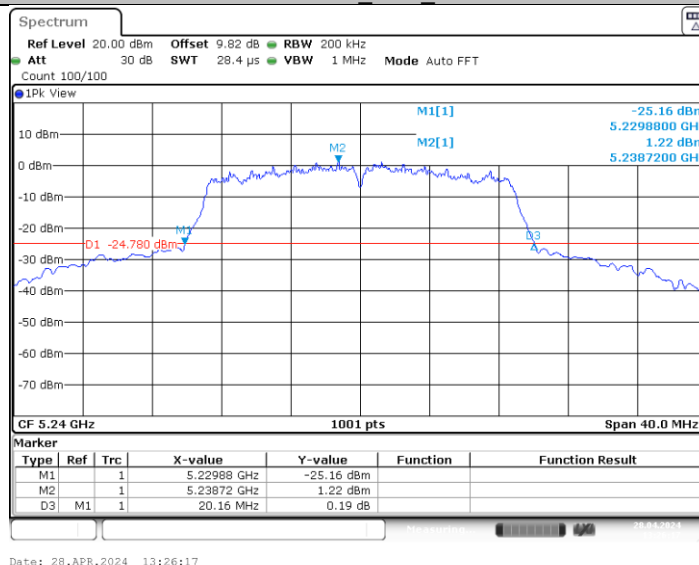
11N20SISO_Ant1_5180



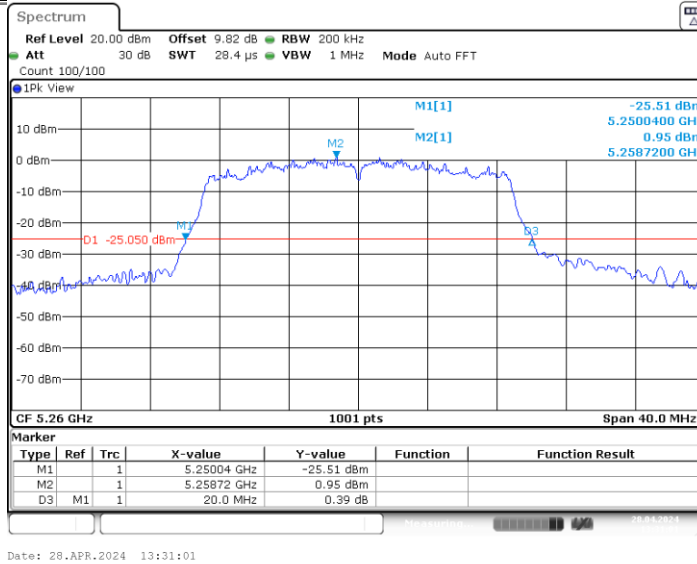
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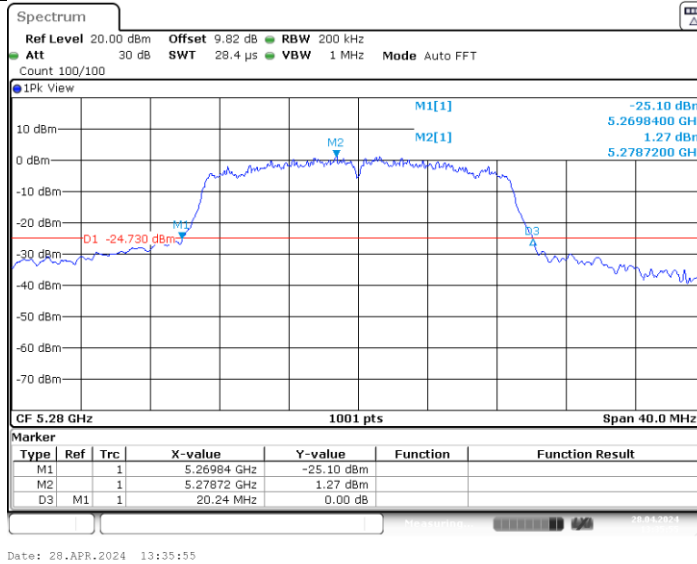
11N20SISO_Ant1_5240



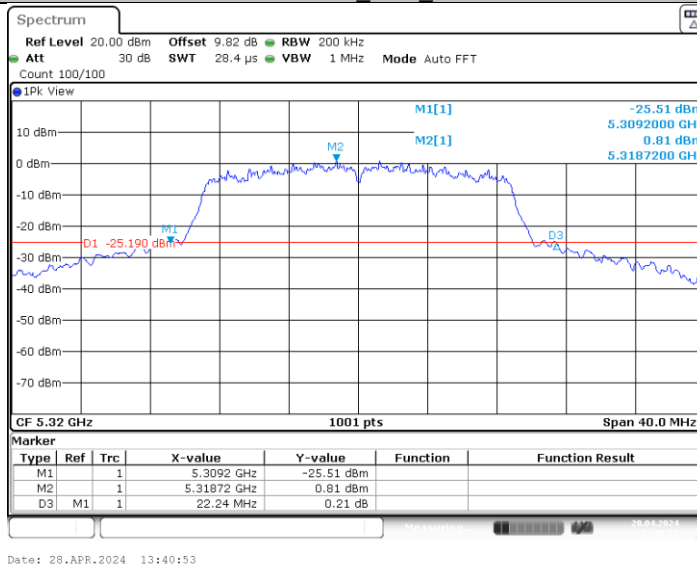
11N20SISO_Ant1_5260



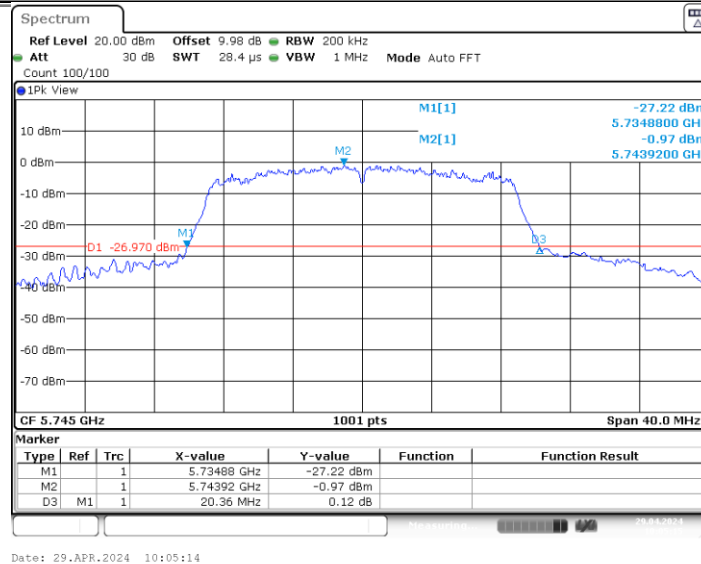
11N20SISO_Ant1_5280



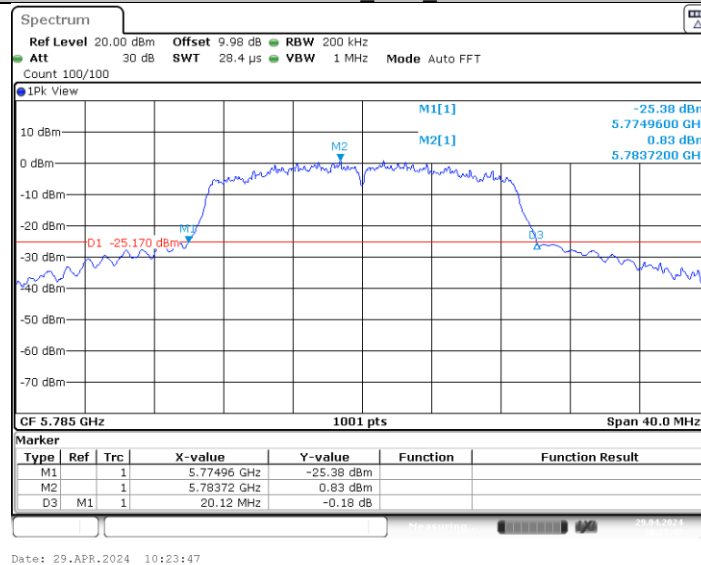
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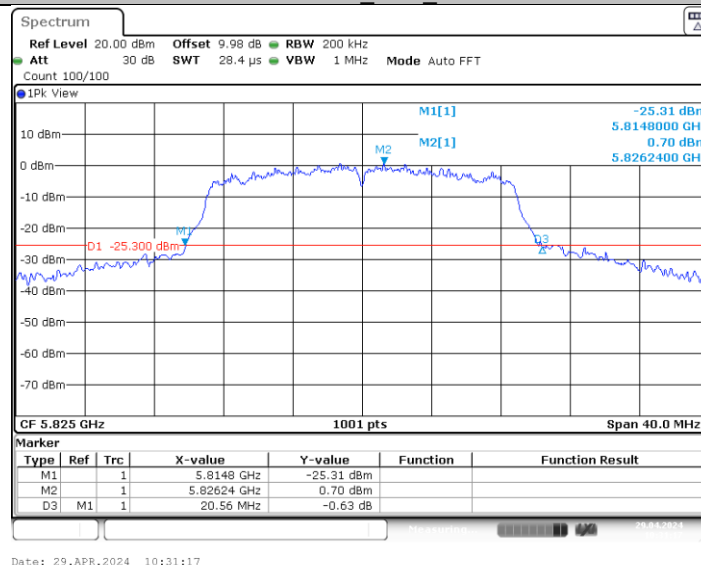
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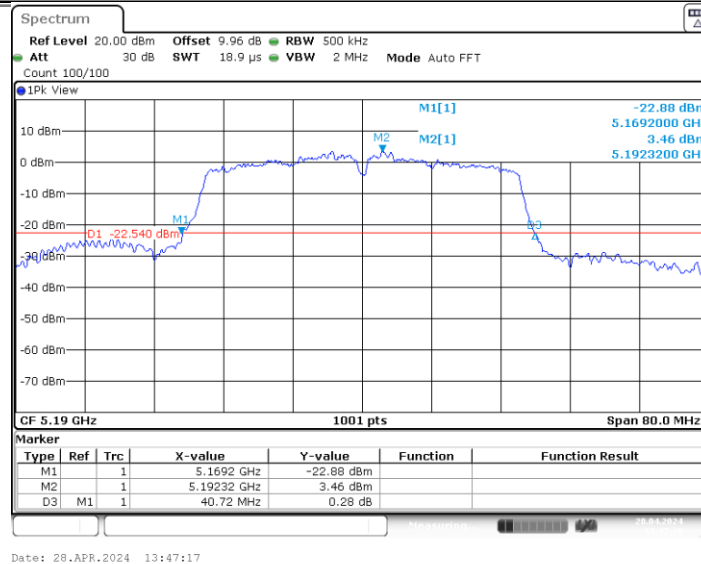
11N20SISO_Ant1_5785



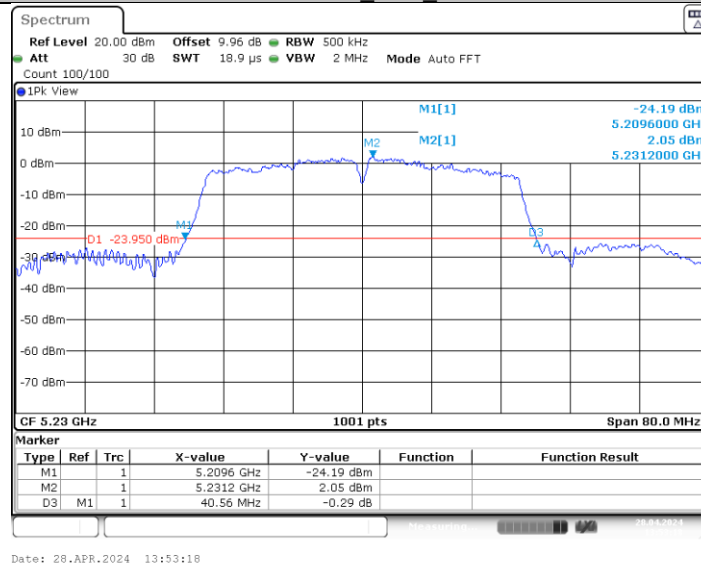
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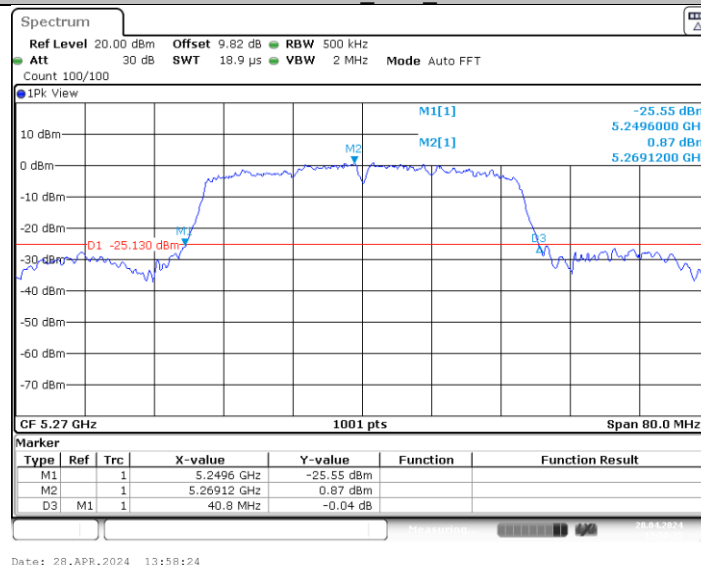
11N40SISO_Ant1_5190



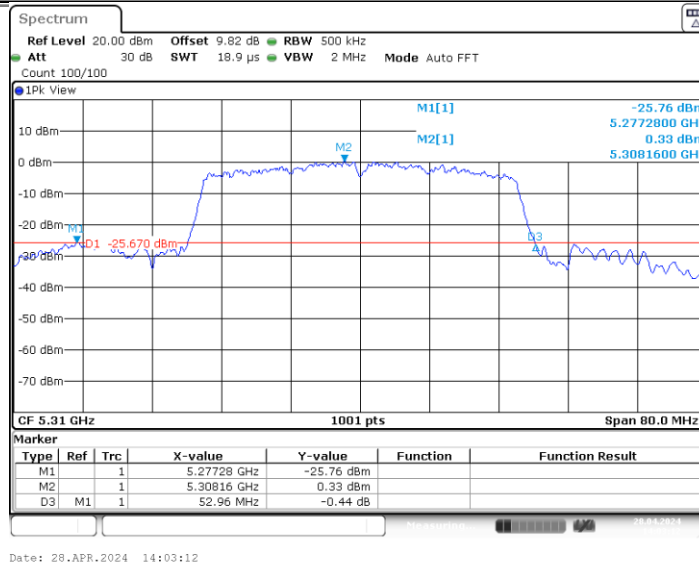
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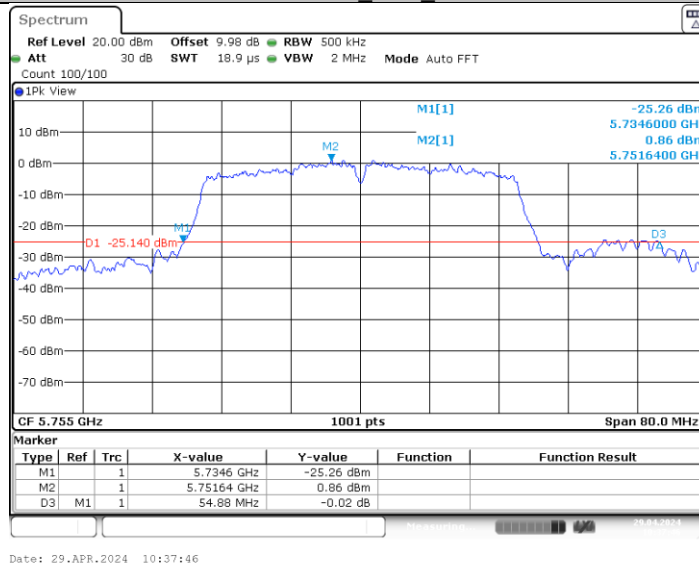
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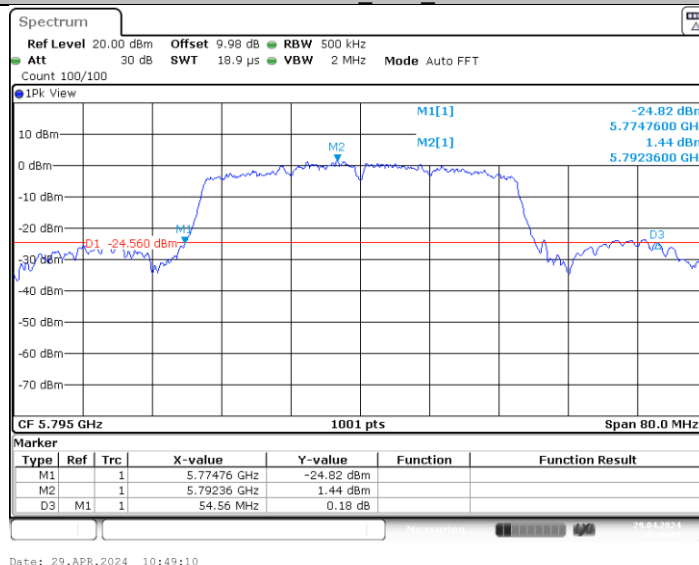
11N40SISO_Ant1_5310



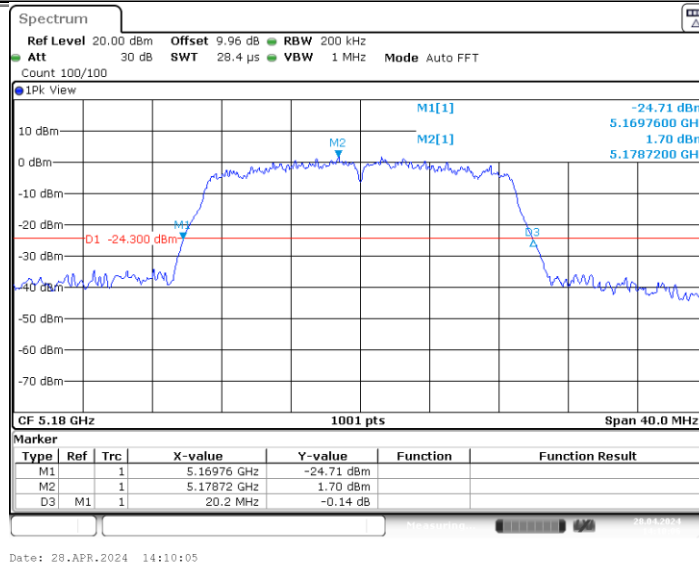
11N40SISO_Ant1_5755



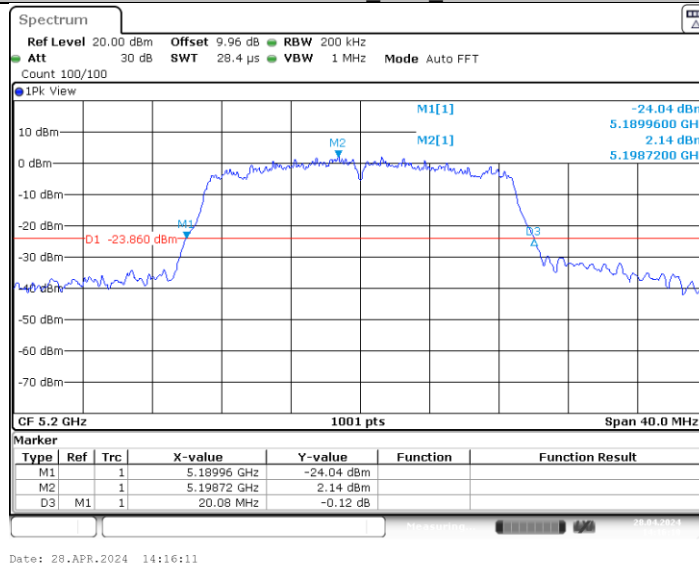
11N40SISO_Ant1_5795



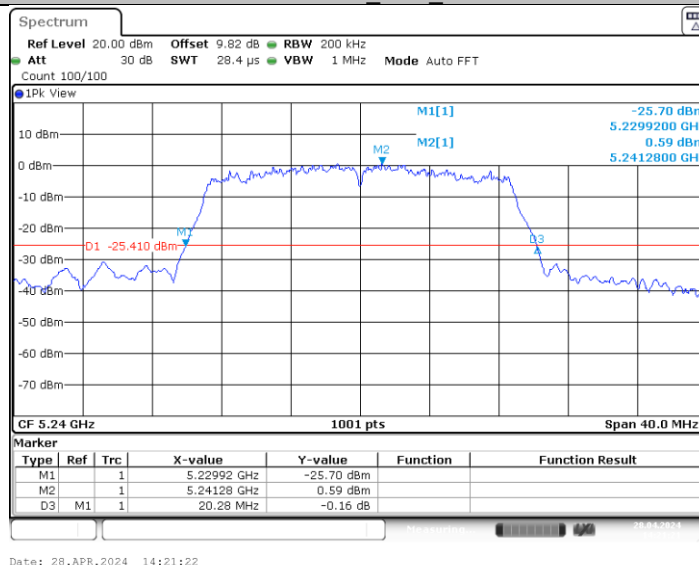
11AC20SISO_Ant1_5180



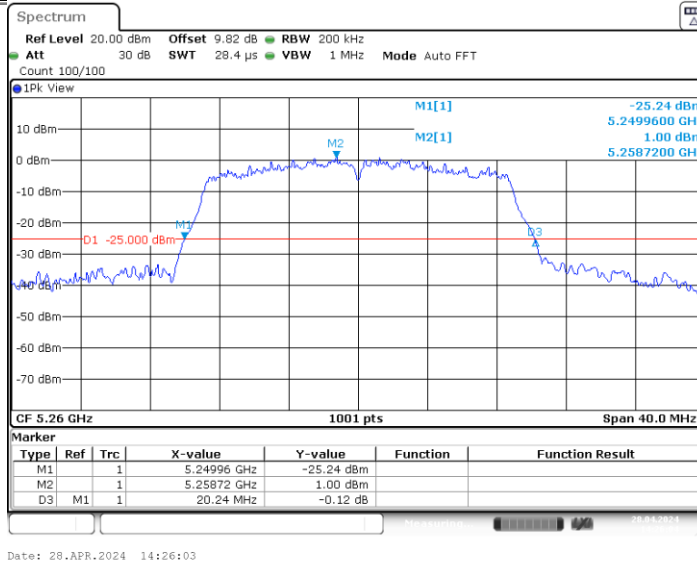
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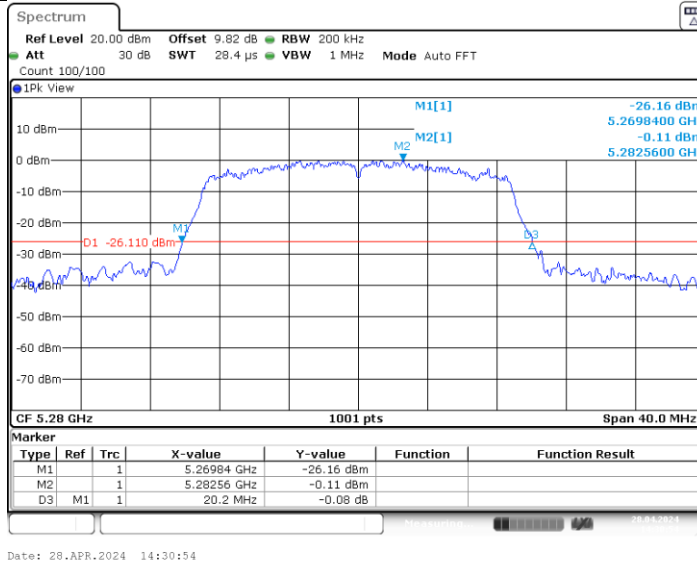
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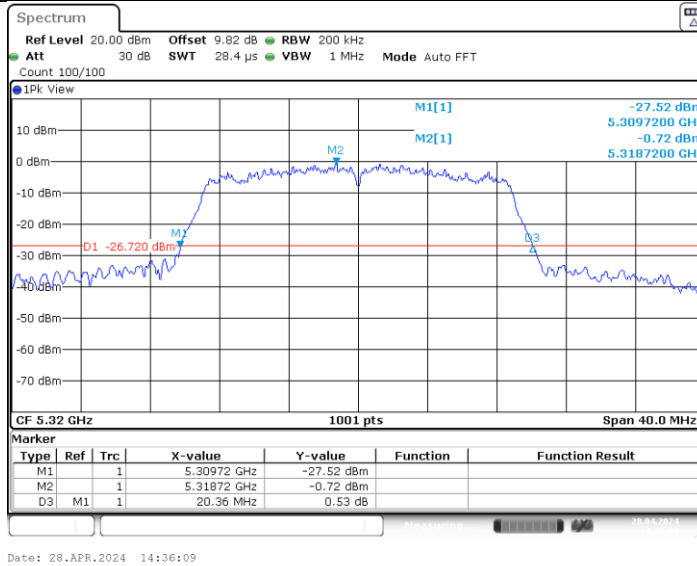
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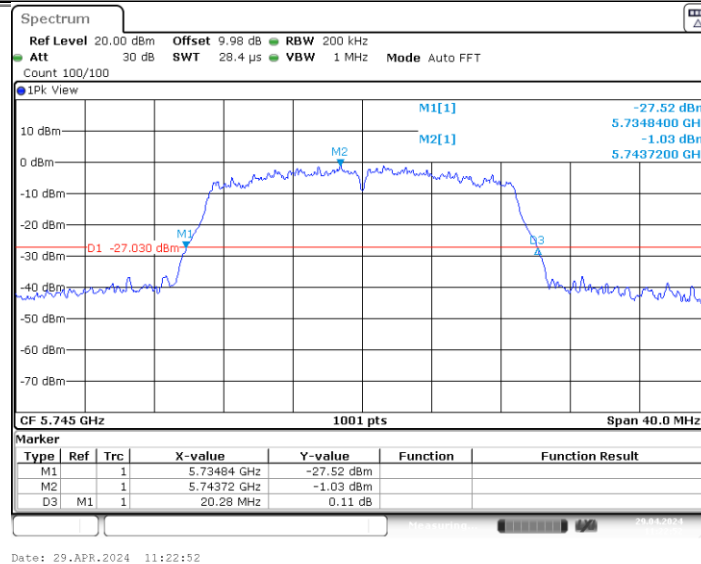
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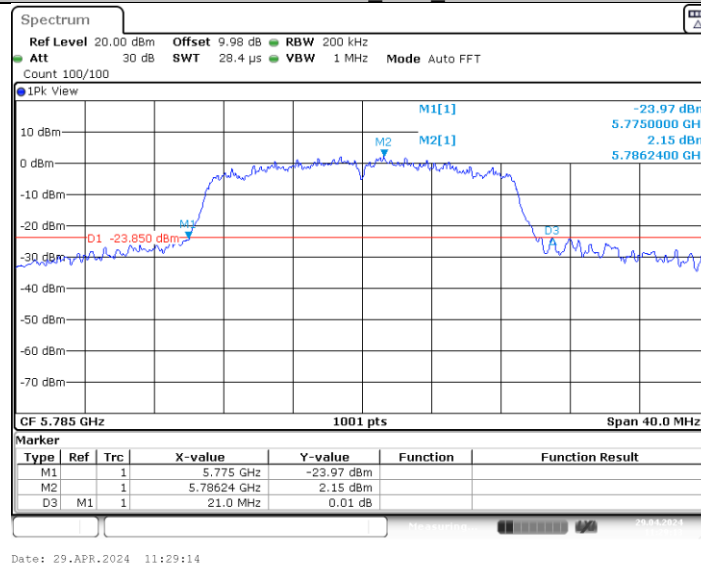
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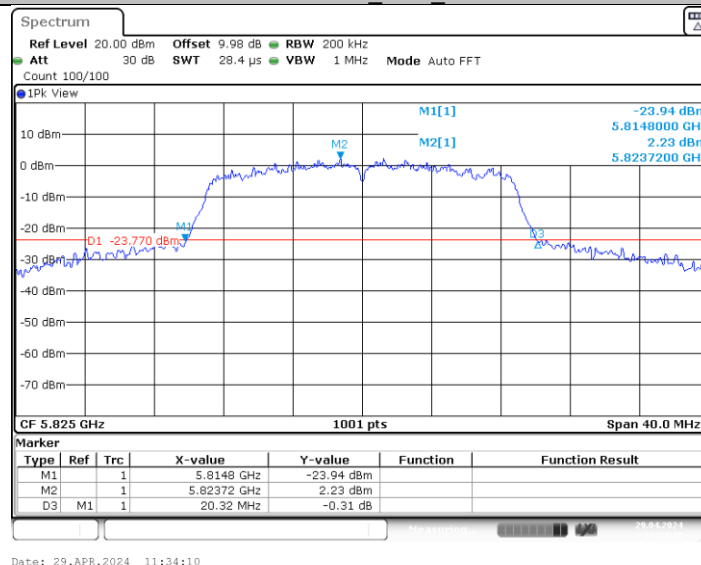
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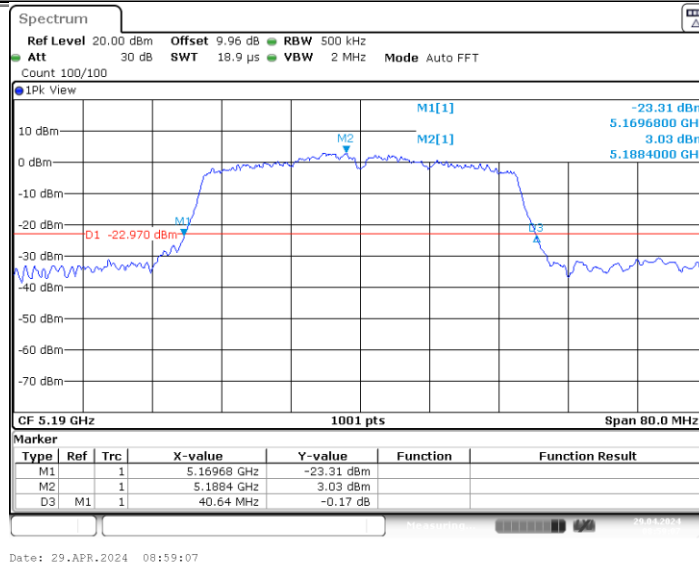
11AC20SISO_Ant1_5785



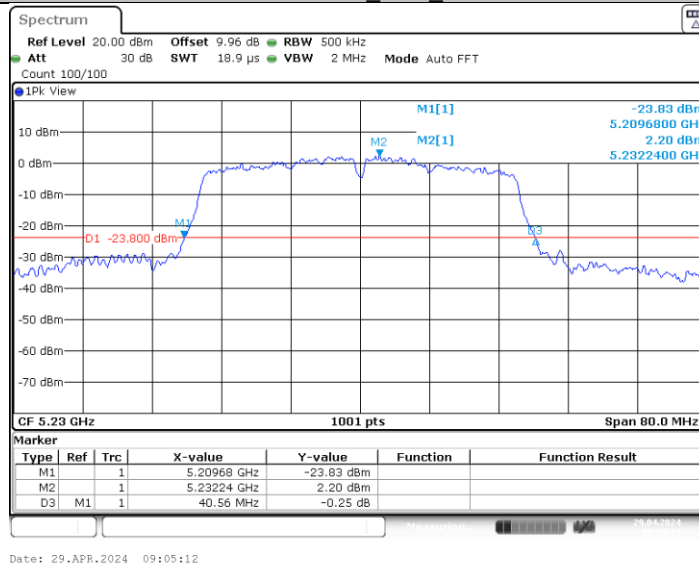
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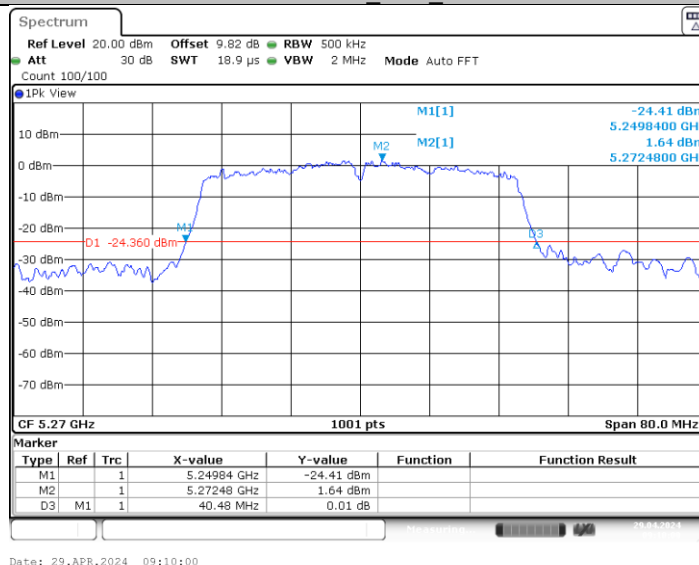
11AC40SISO_Ant1_5190



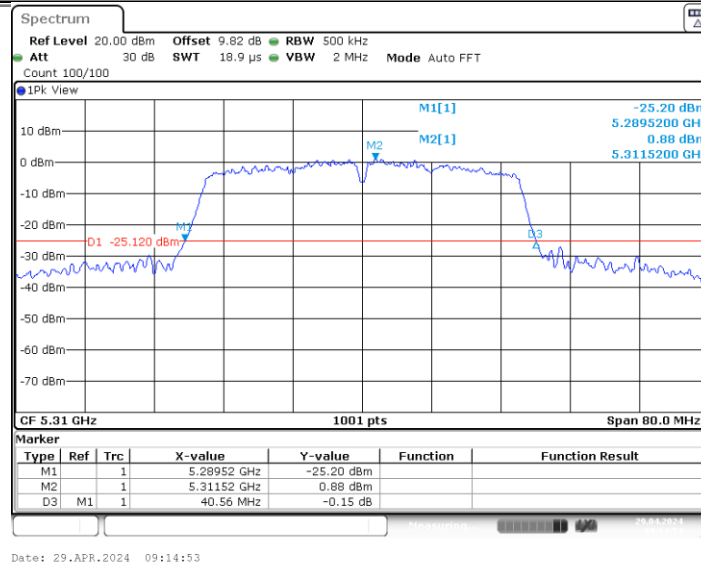
11AC40SISO_Ant1_5230



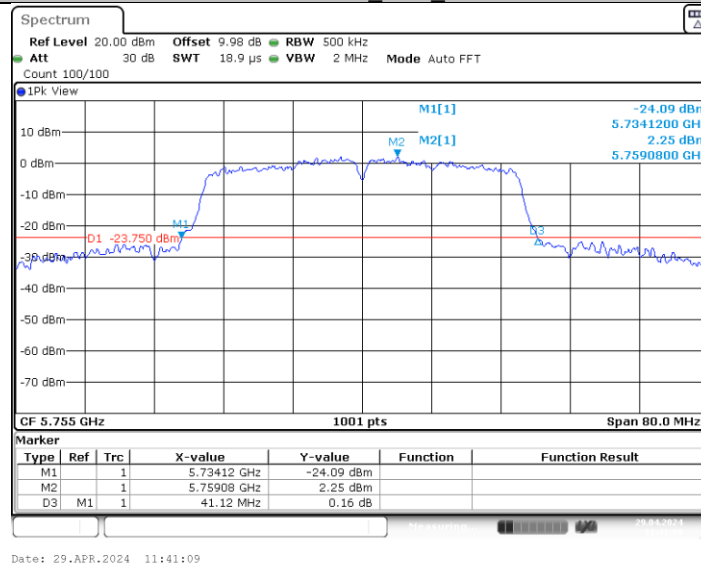
11AC40SISO_Ant1_5270



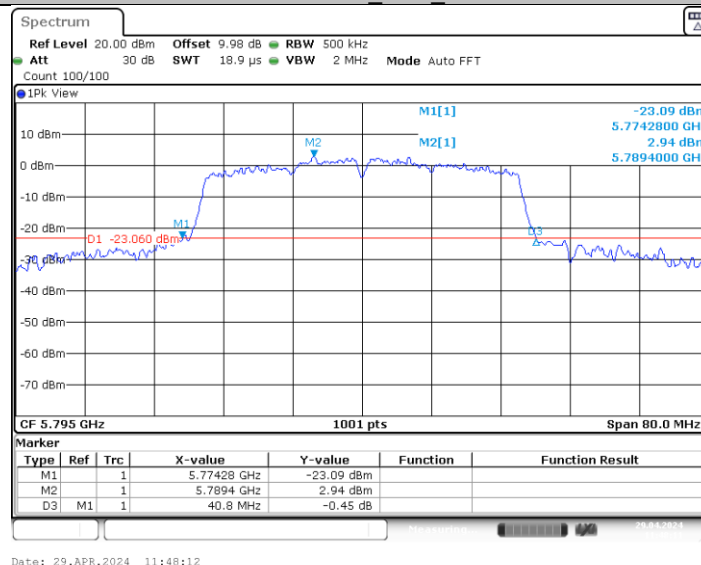
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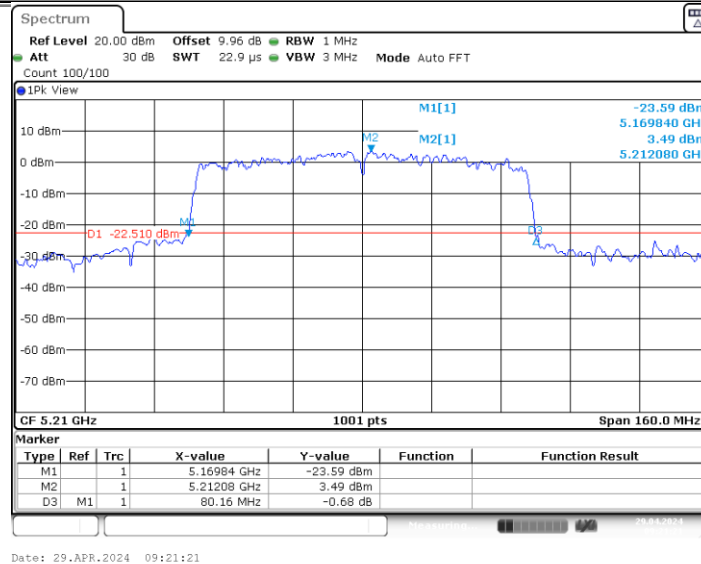
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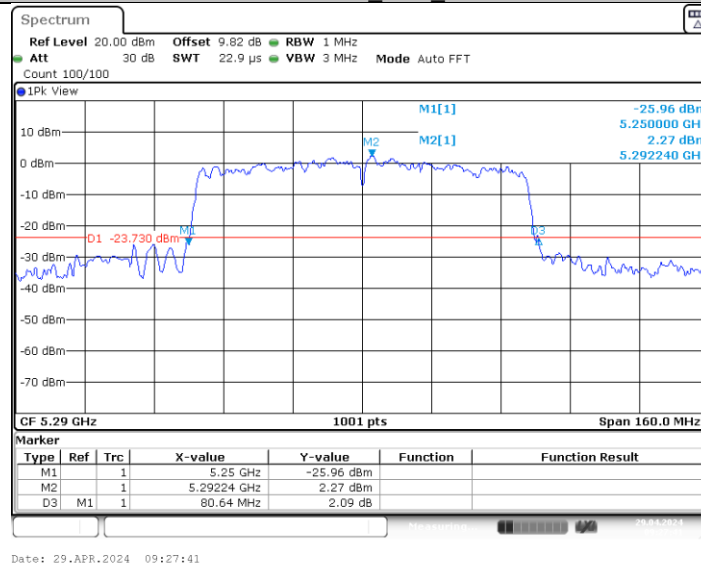
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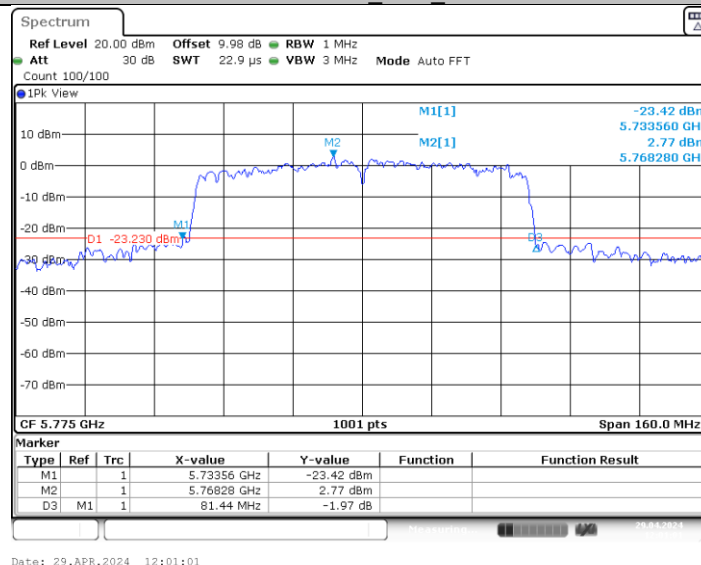
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

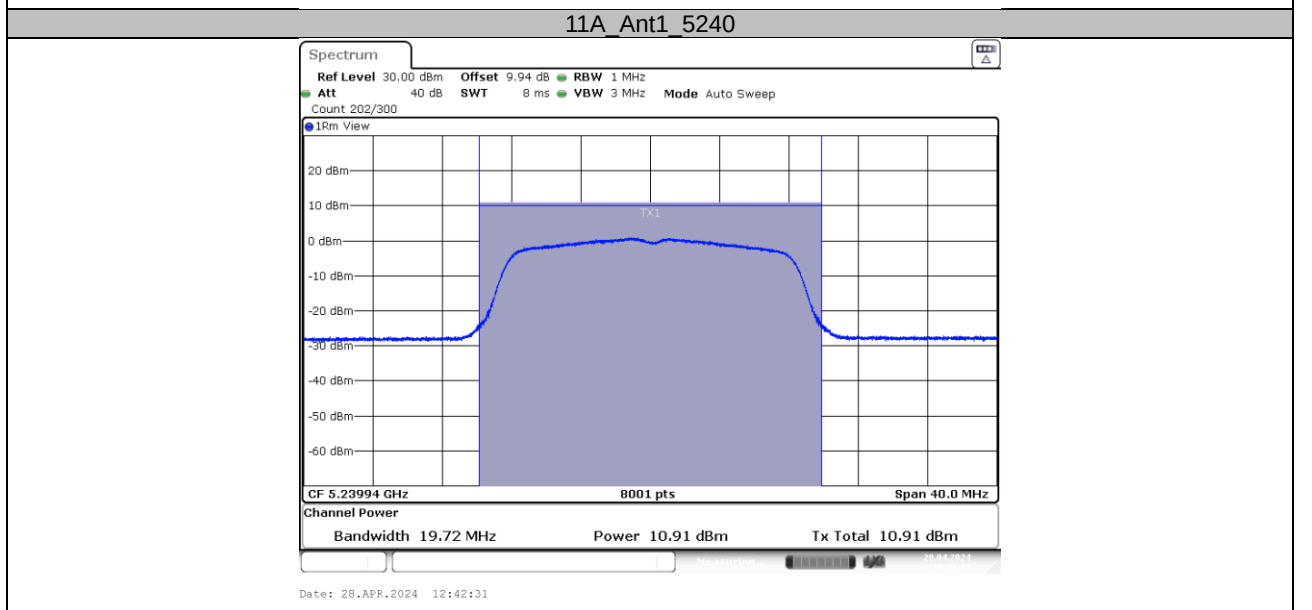
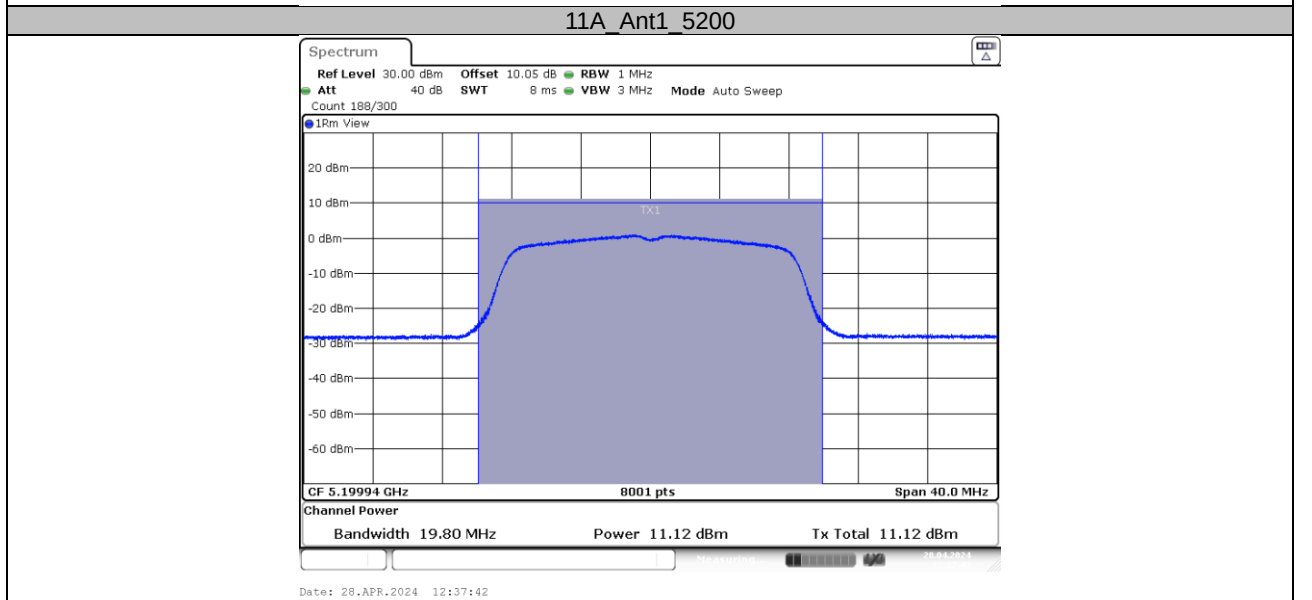
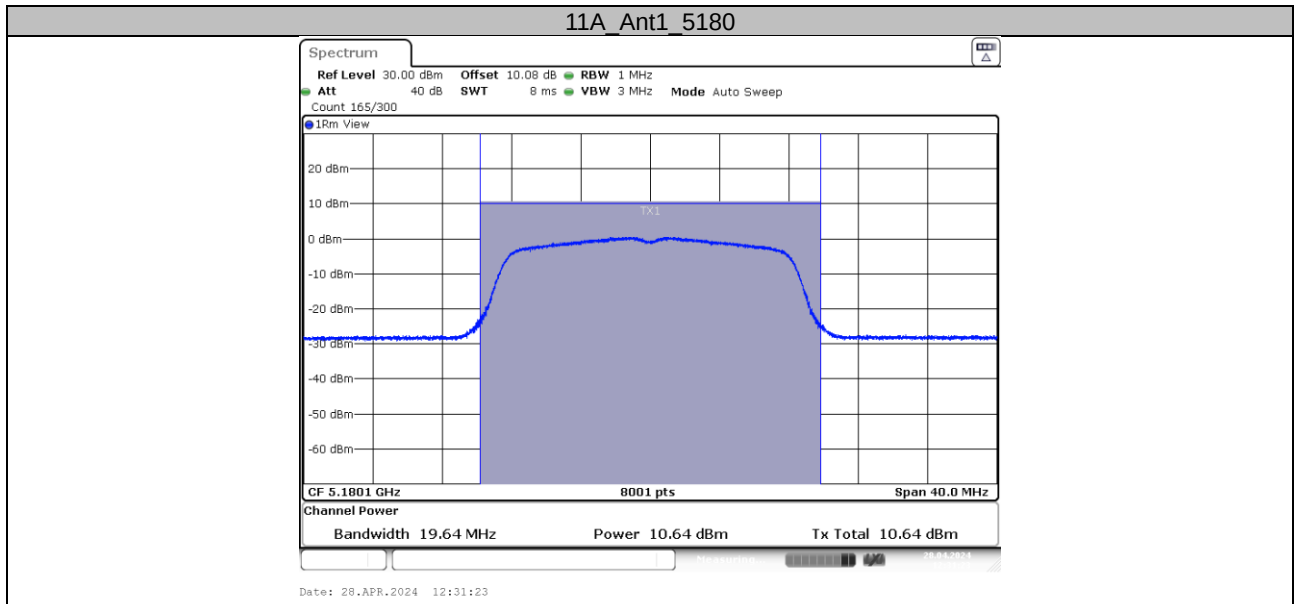


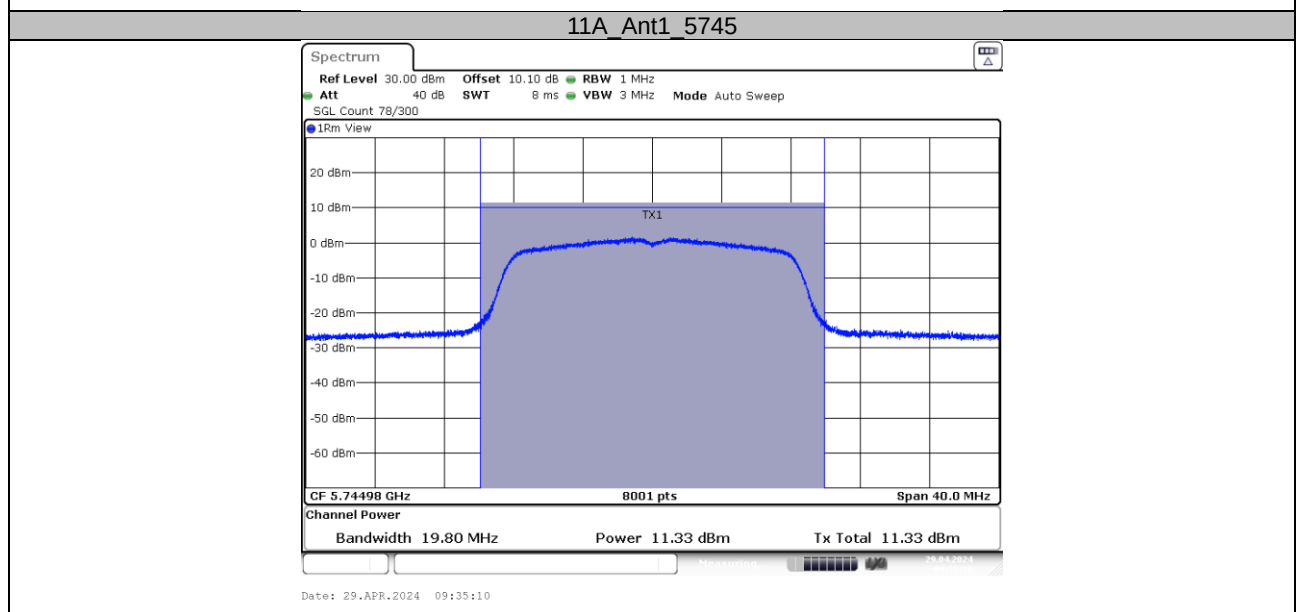
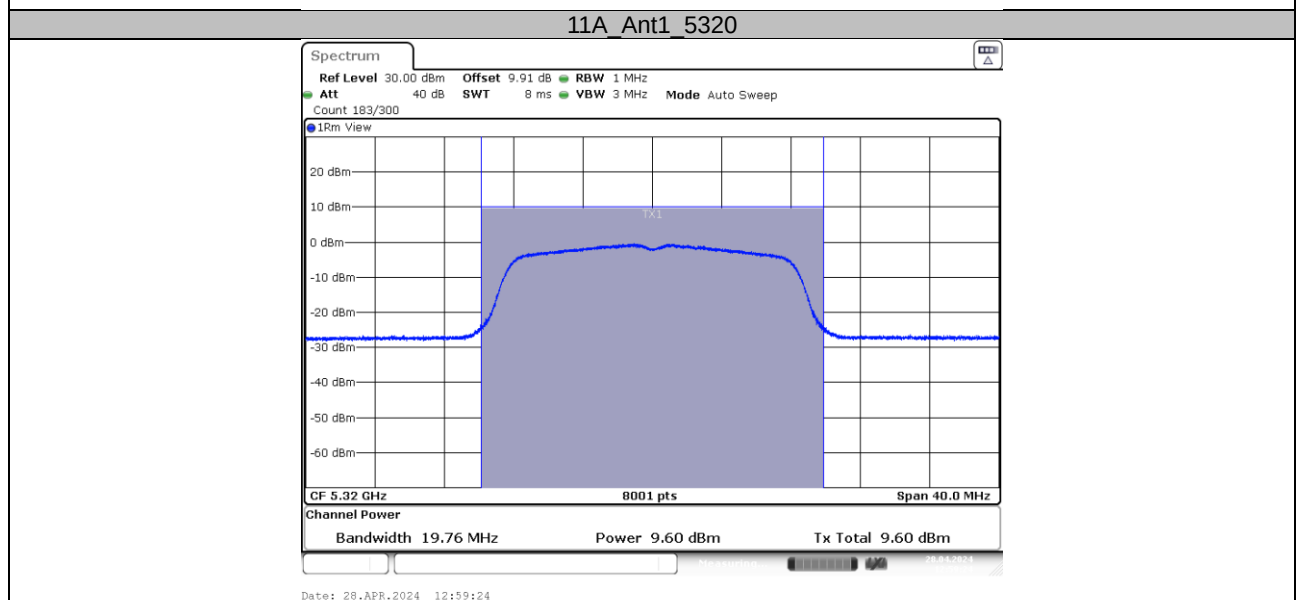
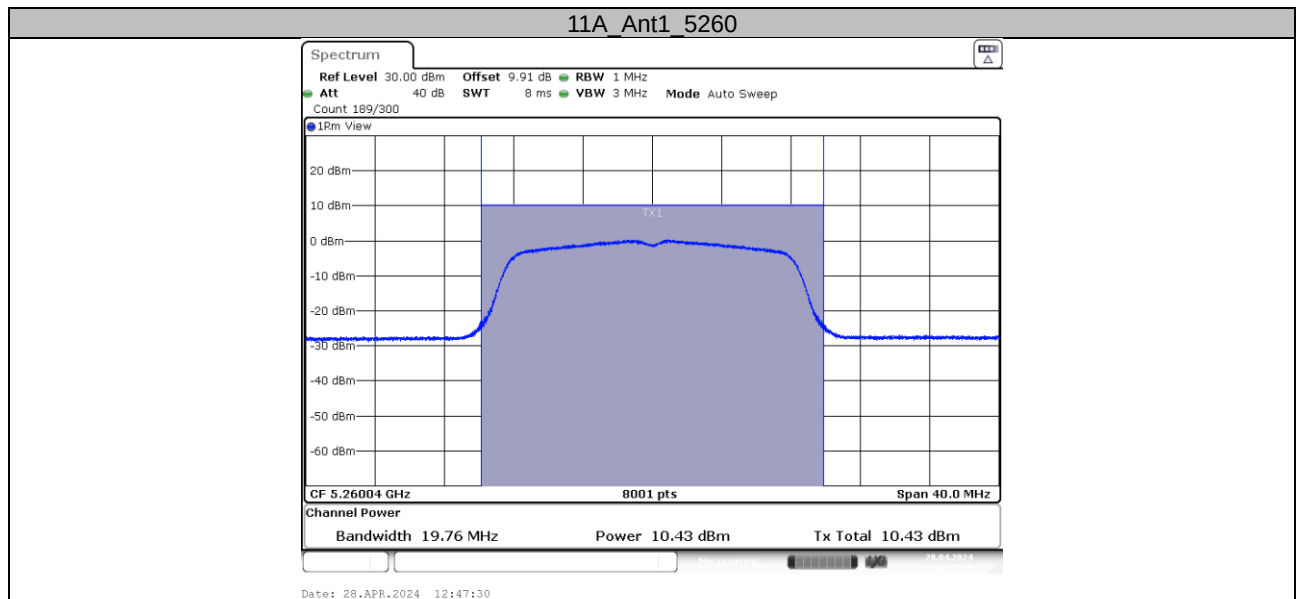
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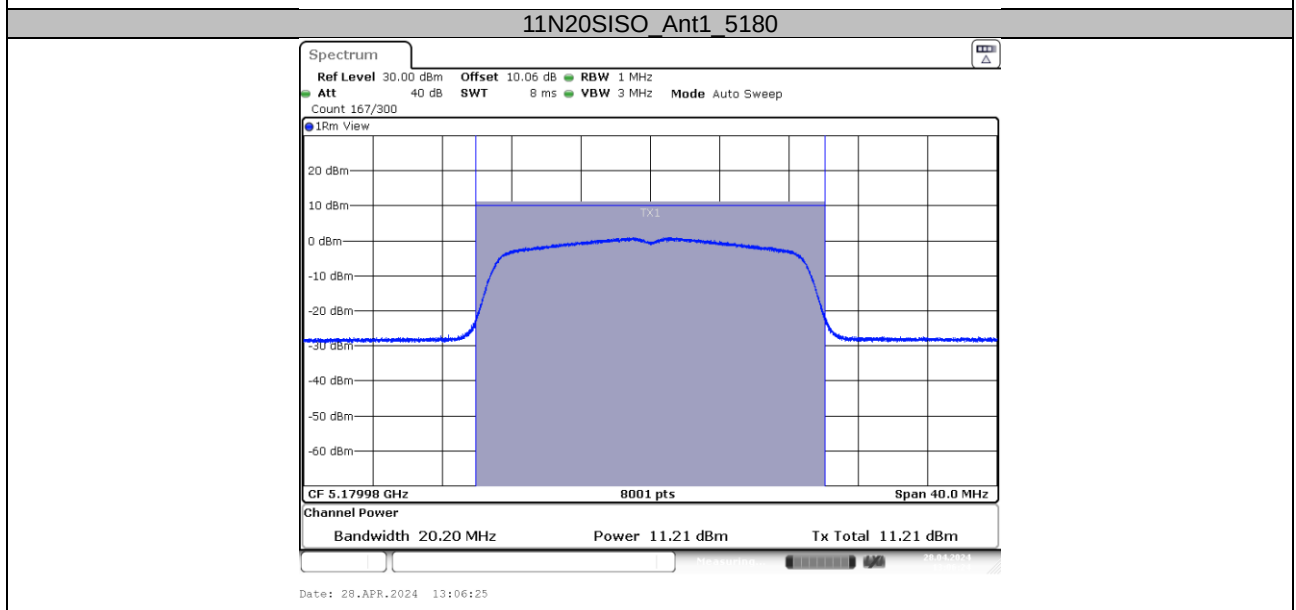
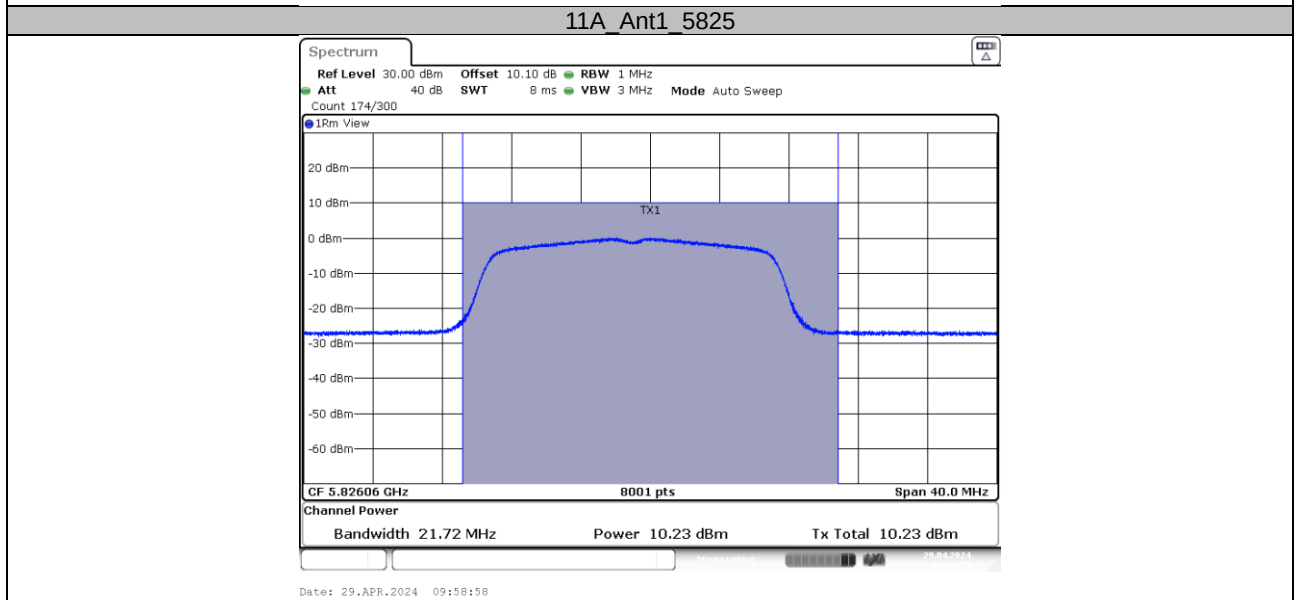
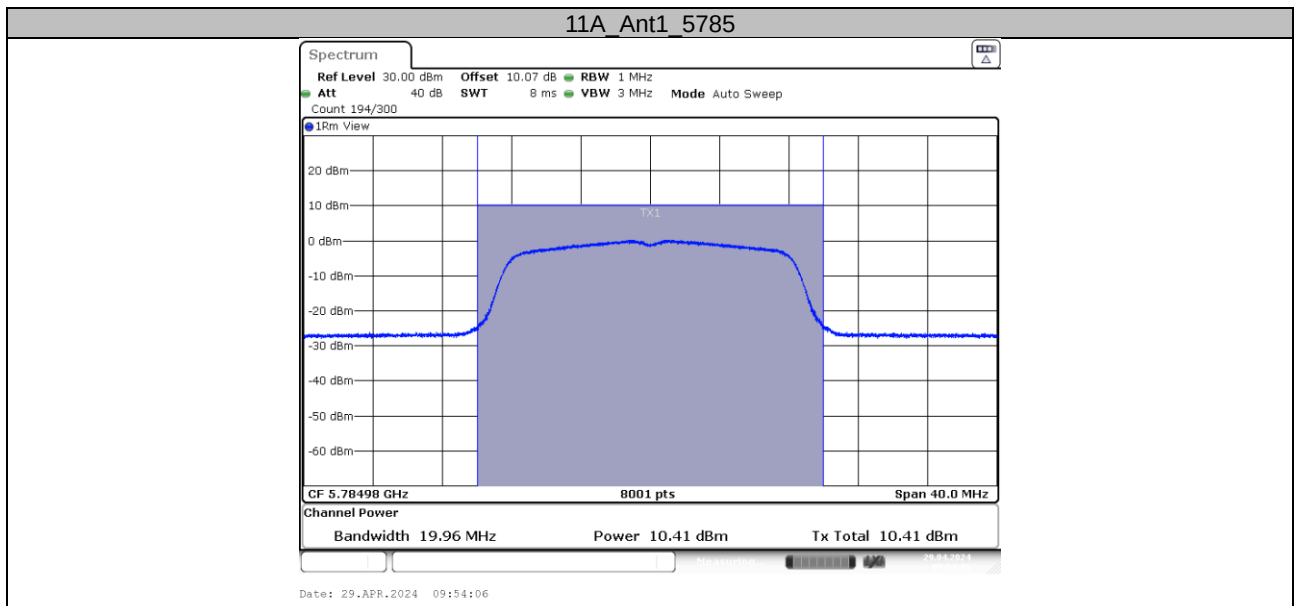


APPENDIXF -MAXIMUM OUTPUT POWER

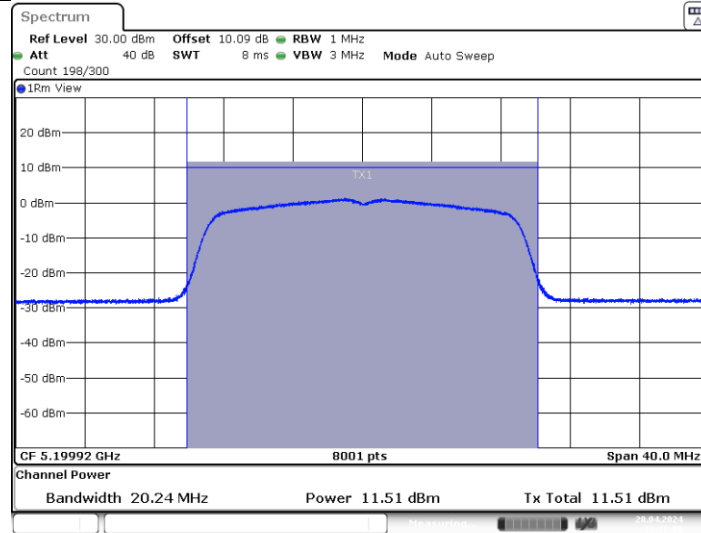
Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	10.52	97.20	0.12	10.64	≤23.98	PASS
		5200	11.03	97.90	0.09	11.12	≤23.98	PASS
		5240	10.79	97.20	0.12	10.91	≤23.98	PASS
		5260	10.34	97.90	0.09	10.43	≤23.96	PASS
		5320	9.51	97.89	0.09	9.60	≤23.96	PASS
		5745	11.21	97.20	0.12	11.33	≤30.00	PASS
		5785	10.32	97.90	0.09	10.41	≤30.00	PASS
11N20SISO	Ant1	5825	10.11	97.20	0.12	10.23	≤30.00	PASS
		5180	11.11	97.74	0.10	11.21	≤23.98	PASS
		5200	11.38	96.99	0.13	11.51	≤23.98	PASS
		5240	10.59	97.76	0.10	10.69	≤23.98	PASS
		5260	9.66	97.74	0.10	9.76	≤23.98	PASS
		5280	10.88	97.01	0.13	11.01	≤23.98	PASS
		5320	10.26	96.99	0.13	10.39	≤23.98	PASS
11N40SISO	Ant1	5745	9.37	97.01	0.13	9.50	≤30.00	PASS
		5785	10.21	97.01	0.13	10.34	≤30.00	PASS
		5825	10.30	96.99	0.13	10.43	≤30.00	PASS
		5190	11.14	95.59	0.20	11.34	≤23.98	PASS
		5230	11.48	94.20	0.26	11.74	≤23.98	PASS
		5270	10.77	94.20	0.26	11.03	≤23.98	PASS
11AC20SISO	Ant1	5310	10.08	95.59	0.20	10.28	≤23.98	PASS
		5755	10.22	94.20	0.26	10.48	≤30.00	PASS
		5795	9.81	95.59	0.20	10.01	≤30.00	PASS
		5180	11.30	97.04	0.13	11.43	≤23.98	PASS
		5200	11.74	97.04	0.13	11.87	≤23.98	PASS
		5240	10.94	96.30	0.16	11.10	≤23.98	PASS
		5260	10.39	97.04	0.13	10.52	≤23.98	PASS
		5280	10.36	97.04	0.13	10.49	≤23.98	PASS
11AC40SISO	Ant1	5320	8.93	97.76	0.10	9.03	≤23.98	PASS
		5745	10.57	97.04	0.13	10.70	≤30.00	PASS
		5785	11.47	97.04	0.13	11.60	≤30.00	PASS
		5825	11.35	97.78	0.10	11.45	≤30.00	PASS
		5190	11.31	94.20	0.26	11.57	≤23.98	PASS
		5230	10.99	95.65	0.19	11.18	≤23.98	PASS
11AC80SISO	Ant1	5270	10.33	95.65	0.19	10.52	≤23.98	PASS
		5310	10.98	94.20	0.26	11.24	≤23.98	PASS
		5755	11.33	94.20	0.26	11.59	≤30.00	PASS
		5795	11.60	94.20	0.26	11.86	≤30.00	PASS
		5210	12.23	88.89	0.51	12.74	≤23.98	PASS
11AC80SISO	Ant1	5290	10.12	88.89	0.51	10.63	≤23.98	PASS
		5775	11.03	88.89	0.51	11.54	≤30.00	PASS





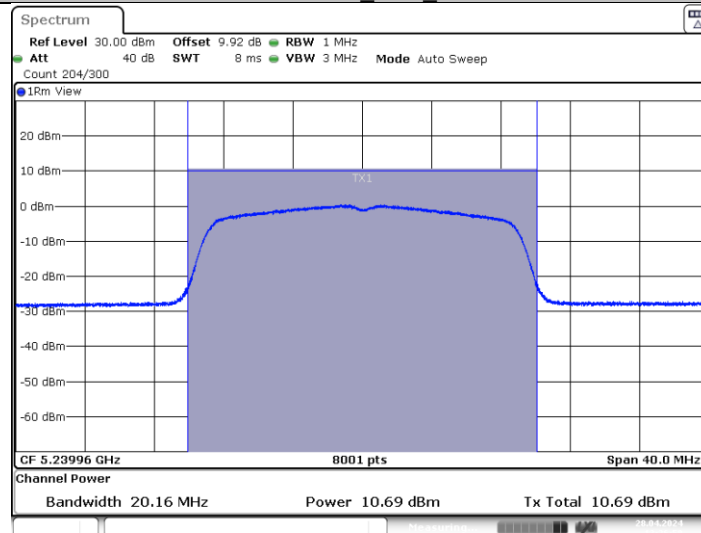


11N20SISO_Ant1_5200



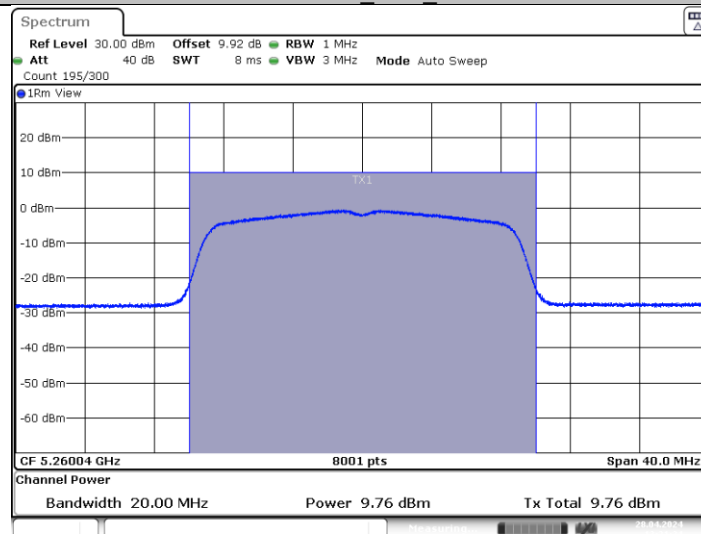
Date: 28.APR.2024 13:22:06

11N20SISO_Ant1_5240



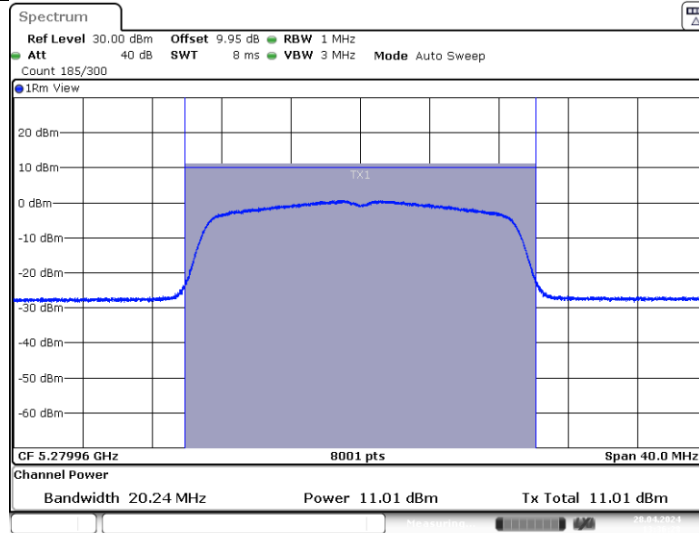
Date: 28.APR.2024 13:26:50

11N20SISO_Ant1_5260

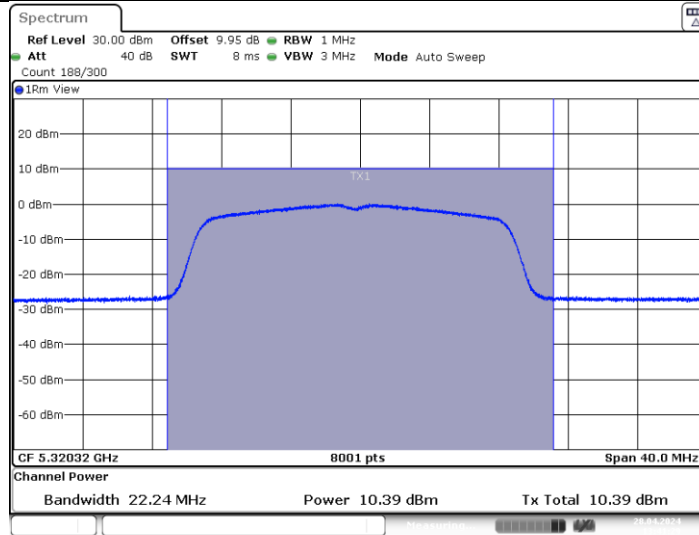


Date: 28.APR.2024 13:31:34

11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N20SISO_Ant1_5745

