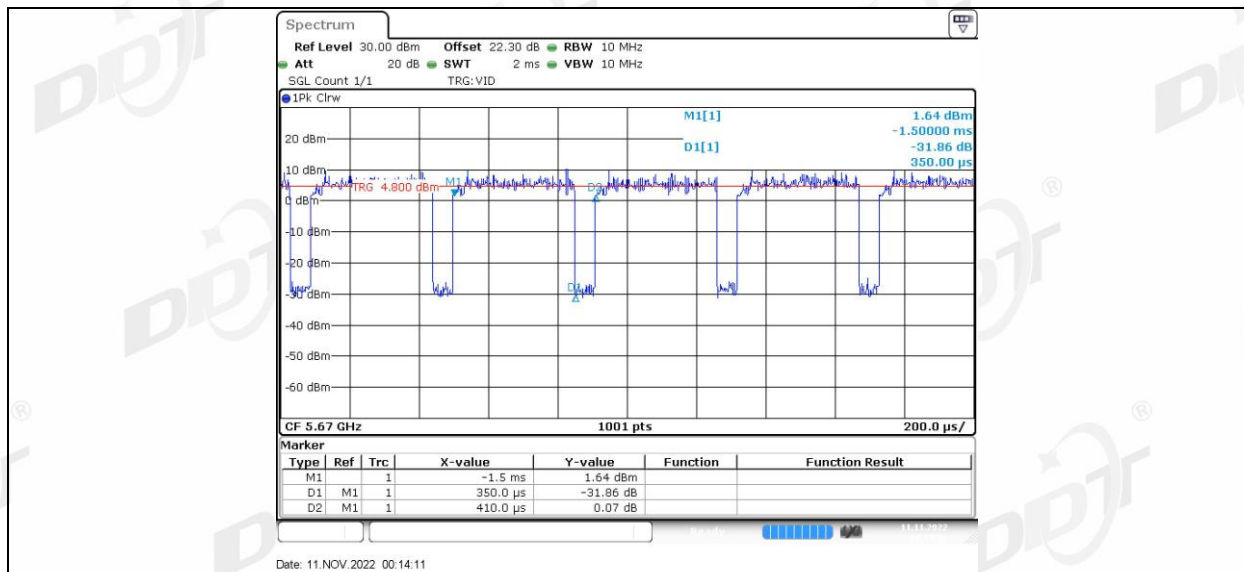
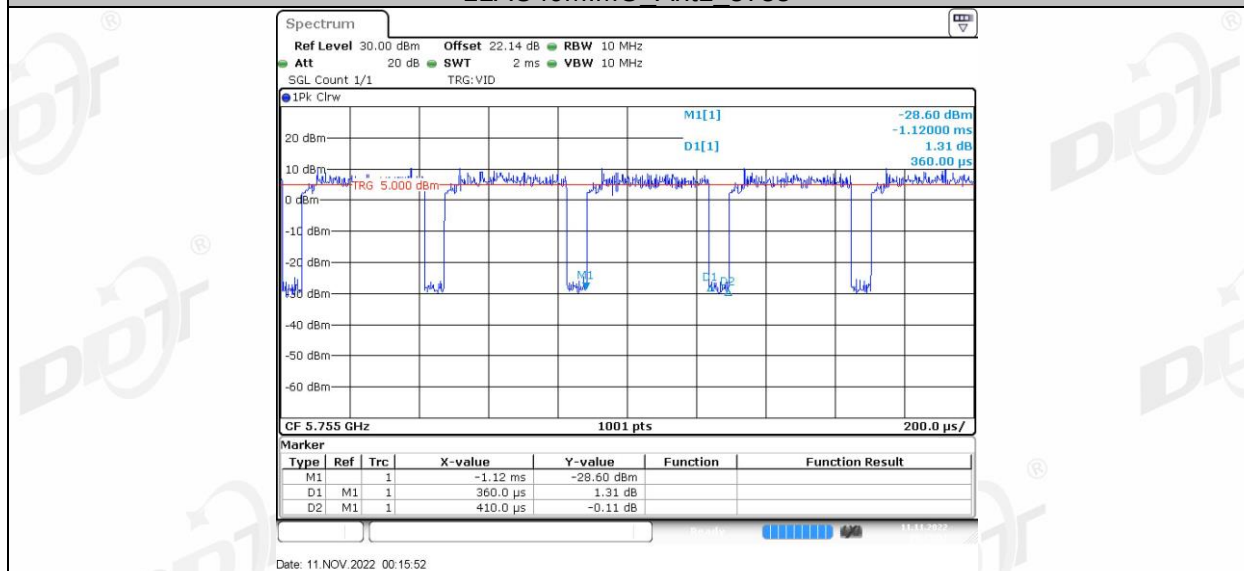
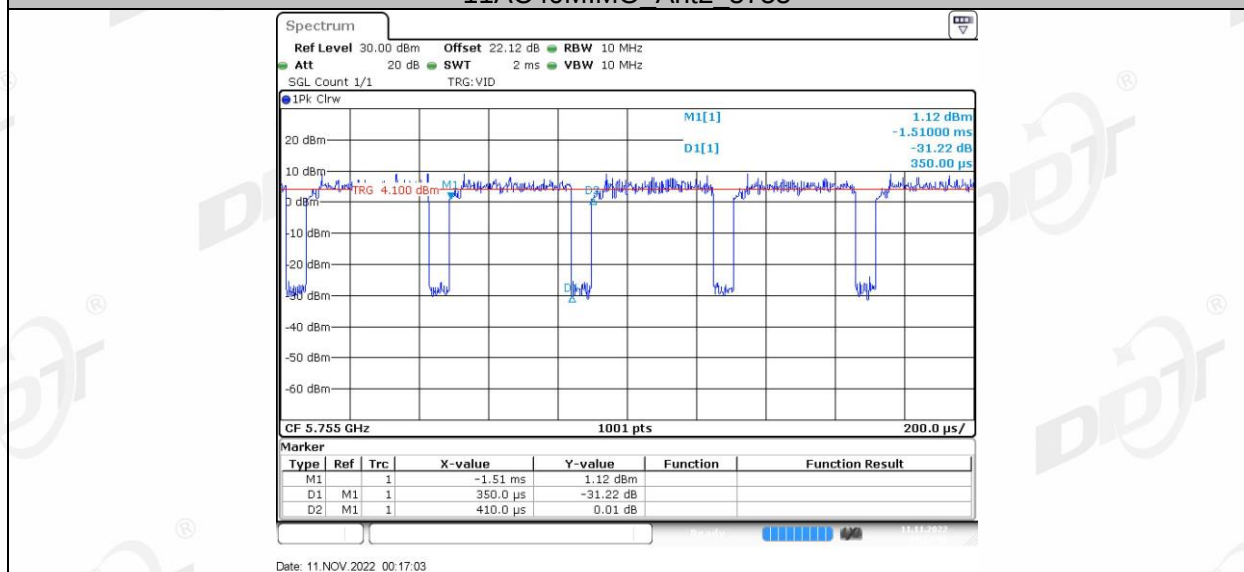




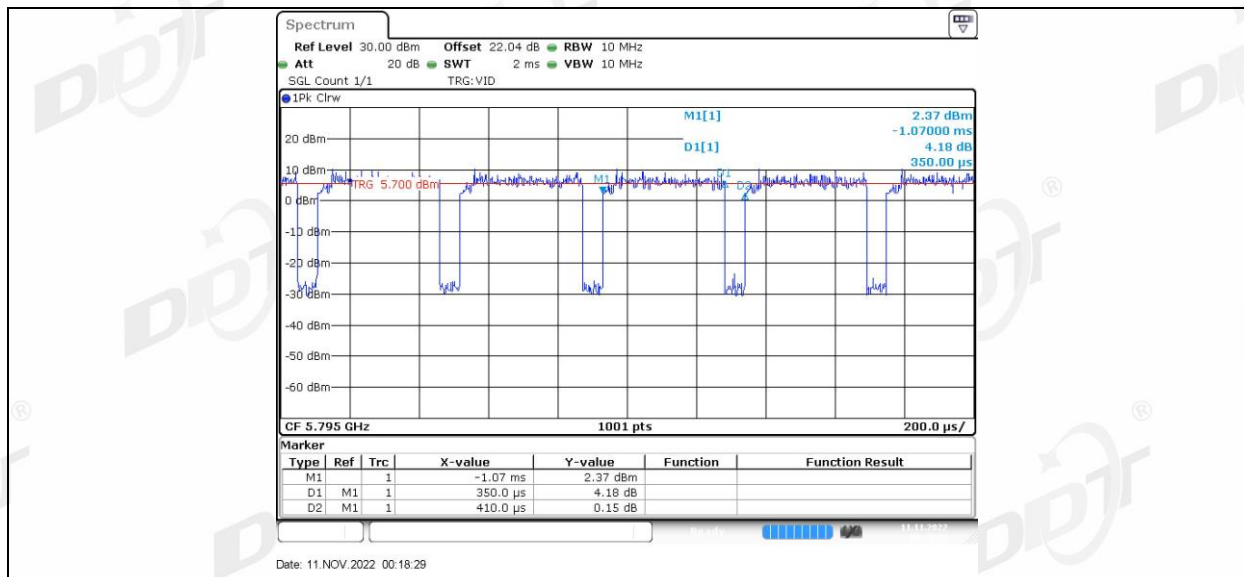
11AC40MIMO_Ant1_5755



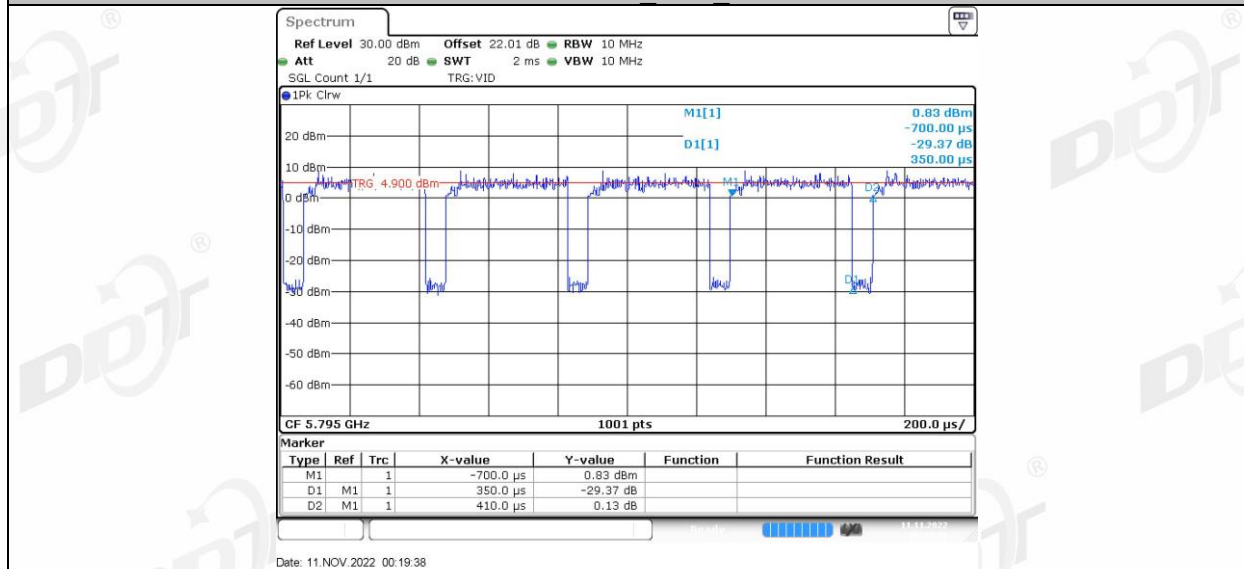
11AC40MIMO_Ant2_5755



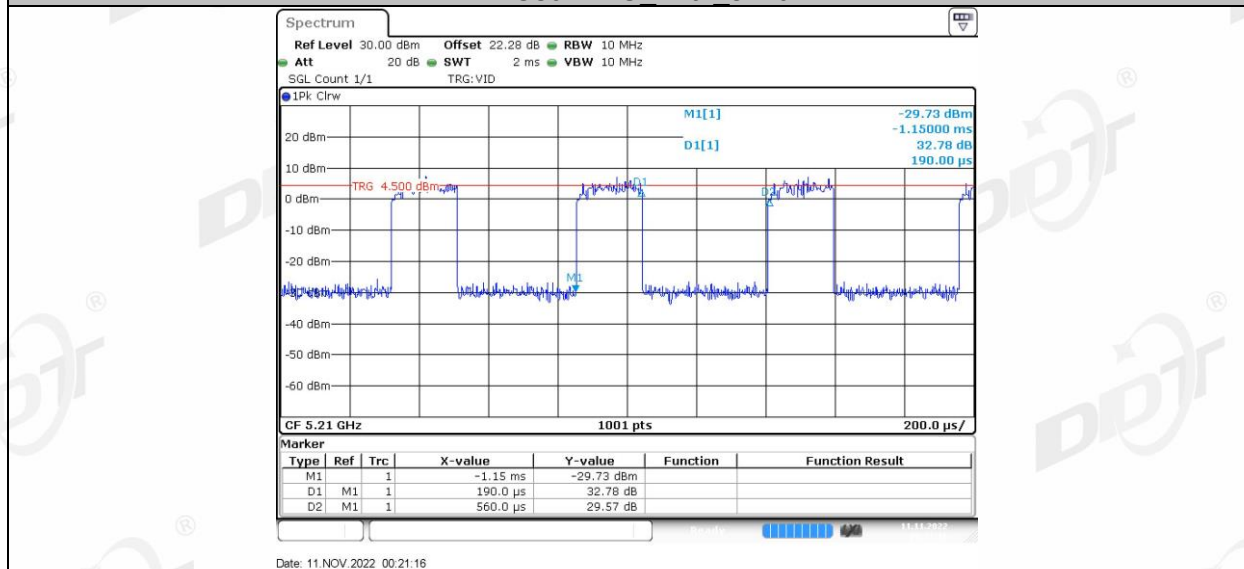
11AC40MIMO_Ant1_5795



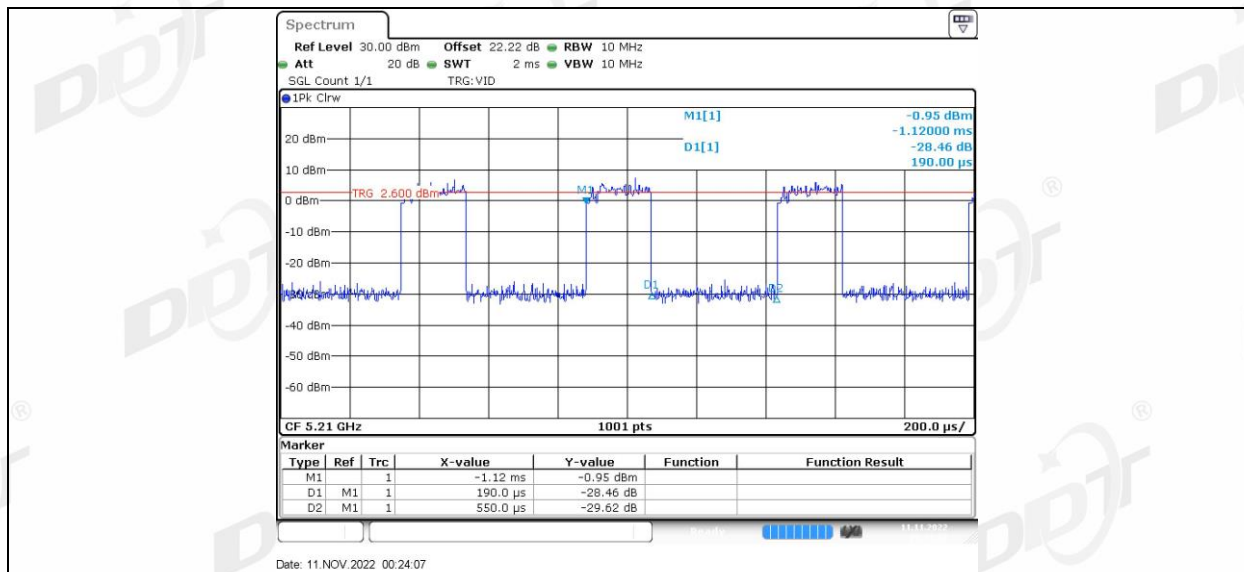
11AC40MIMO_Ant2_5795



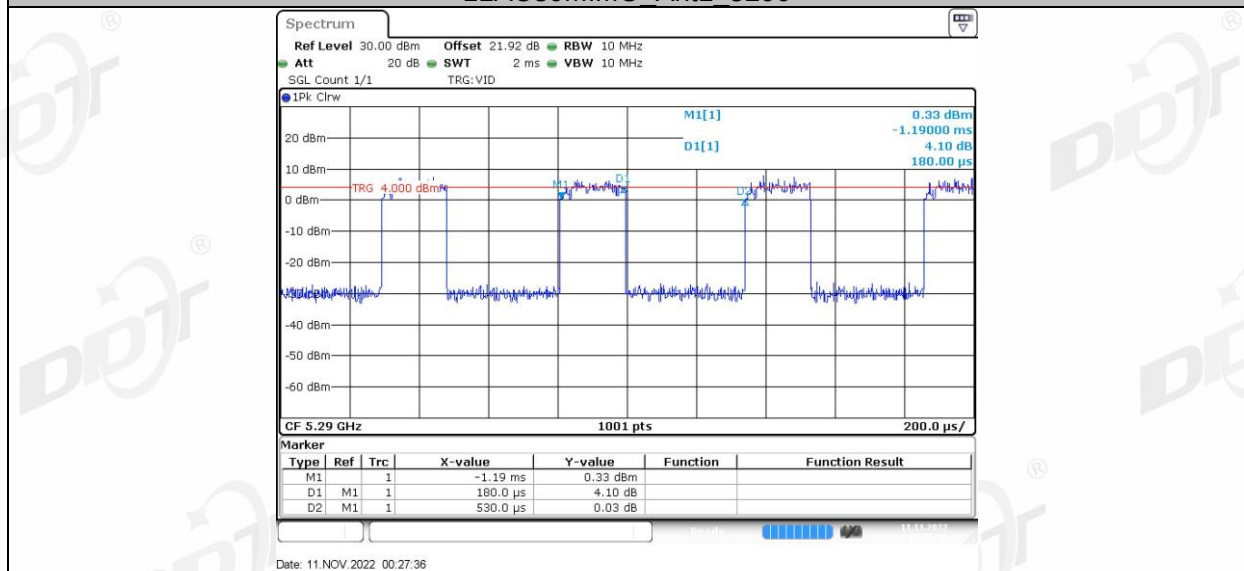
11AC80MIMO_Ant1_5210



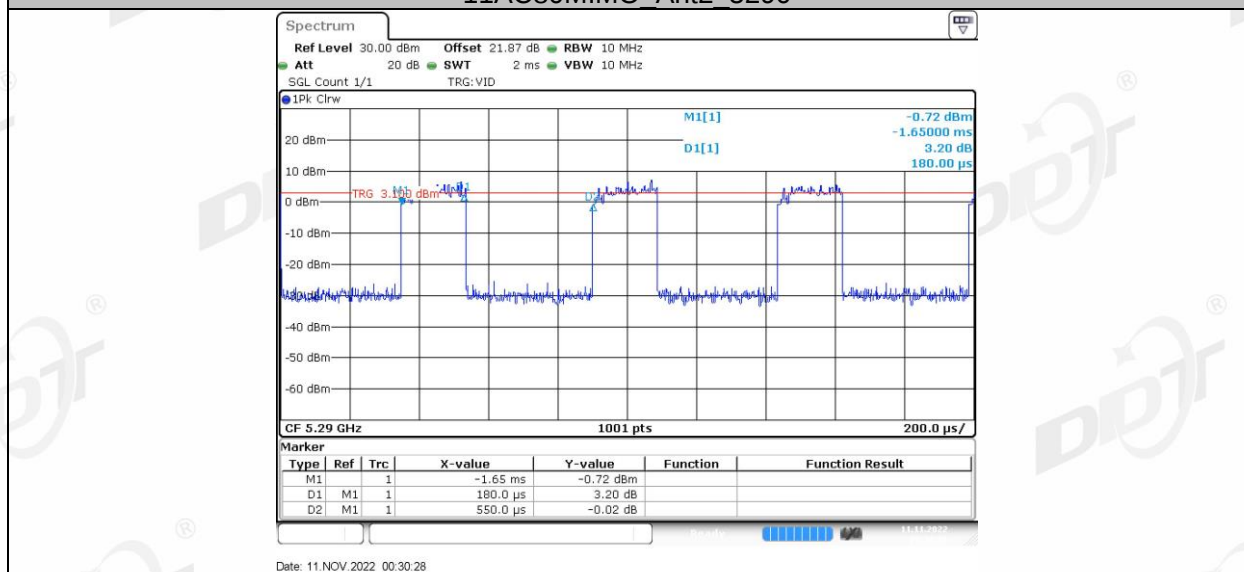
11AC80MIMO_Ant2_5210



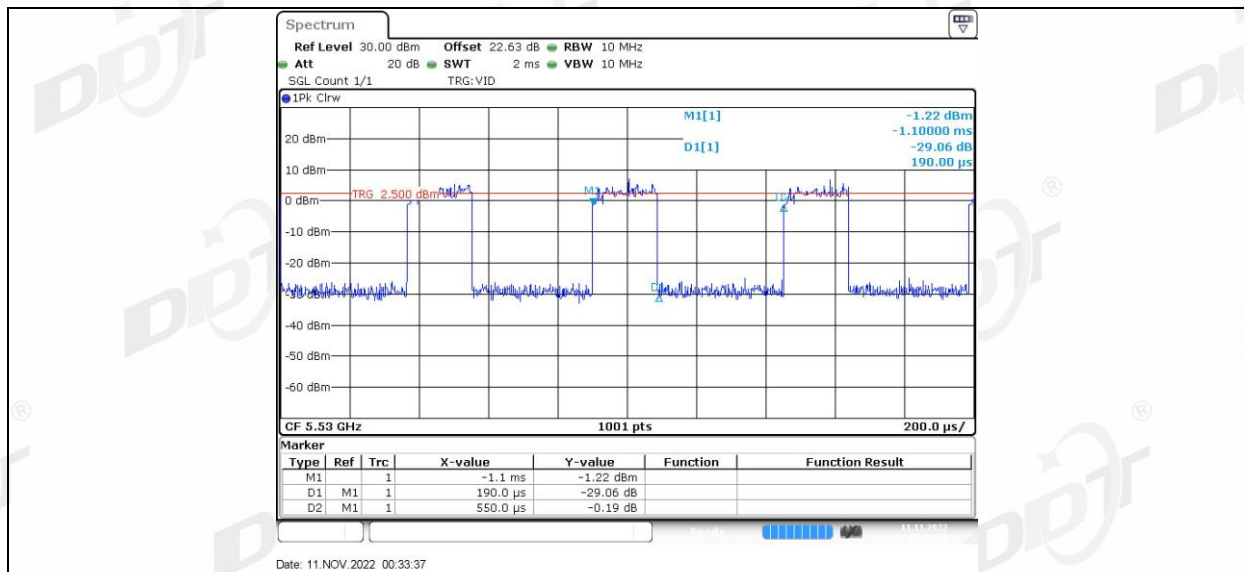
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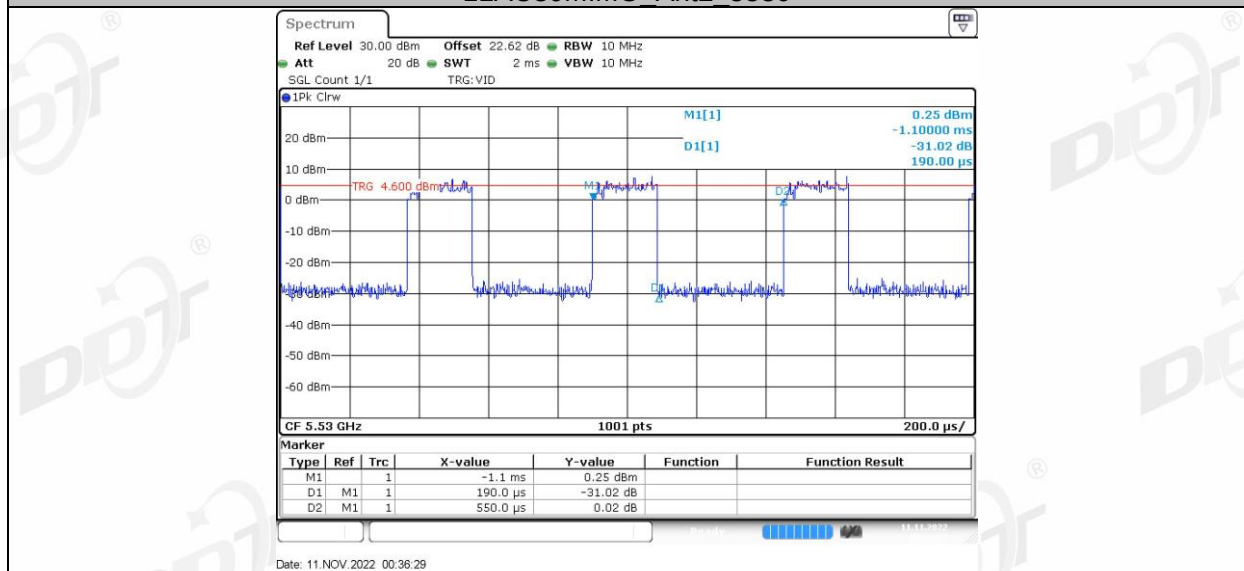
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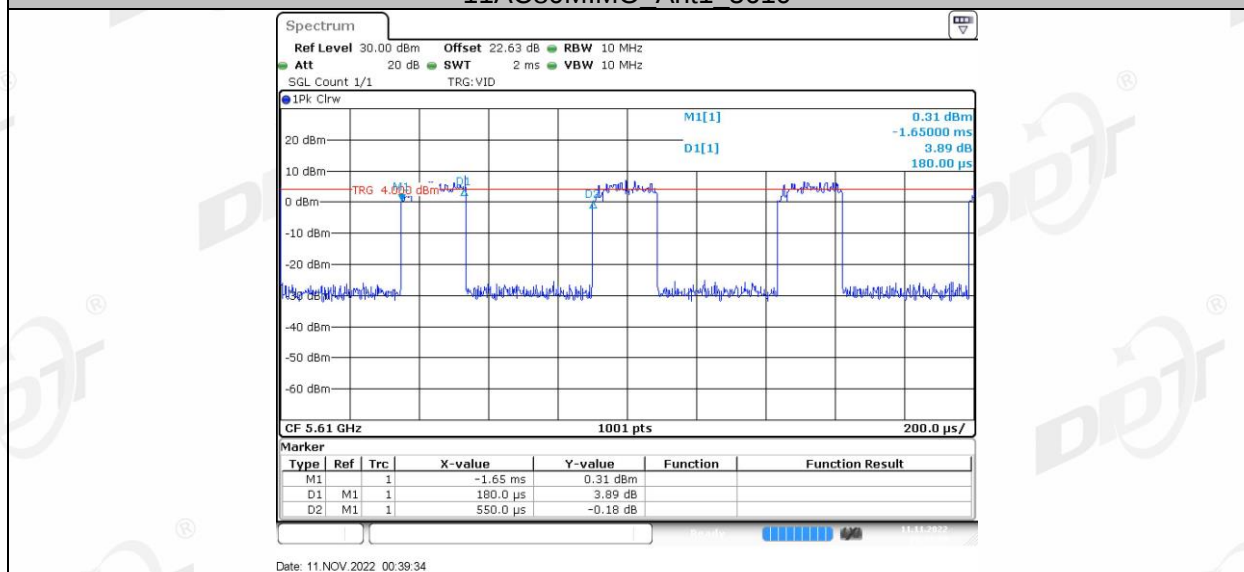
11AC80MIMO_Ant1_5530



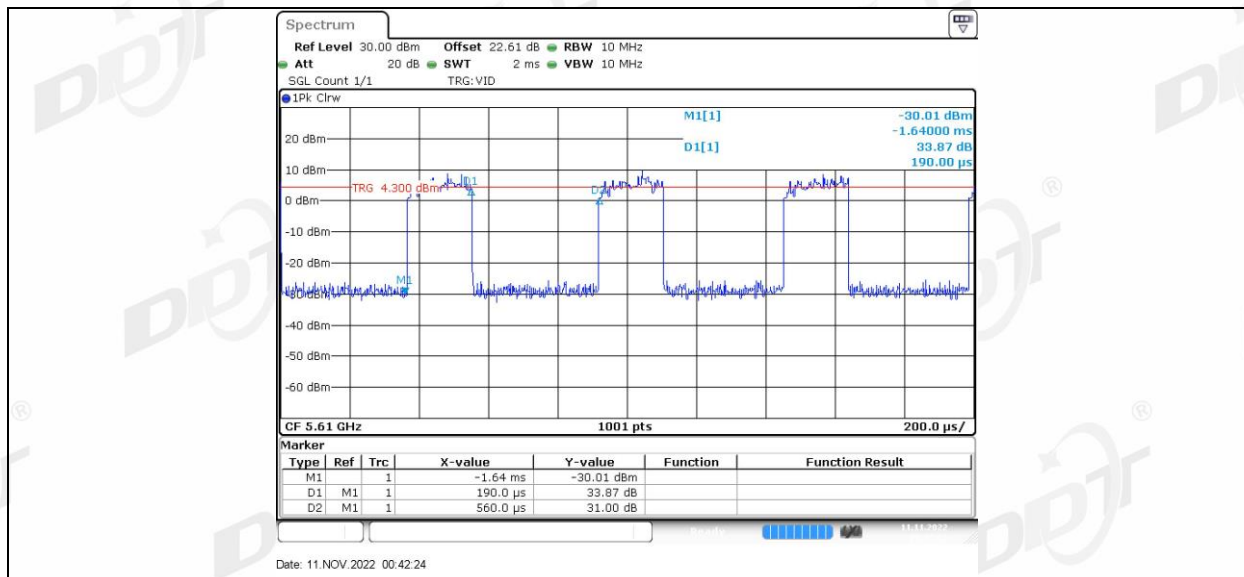
11AC80MIMO_Ant2_5530



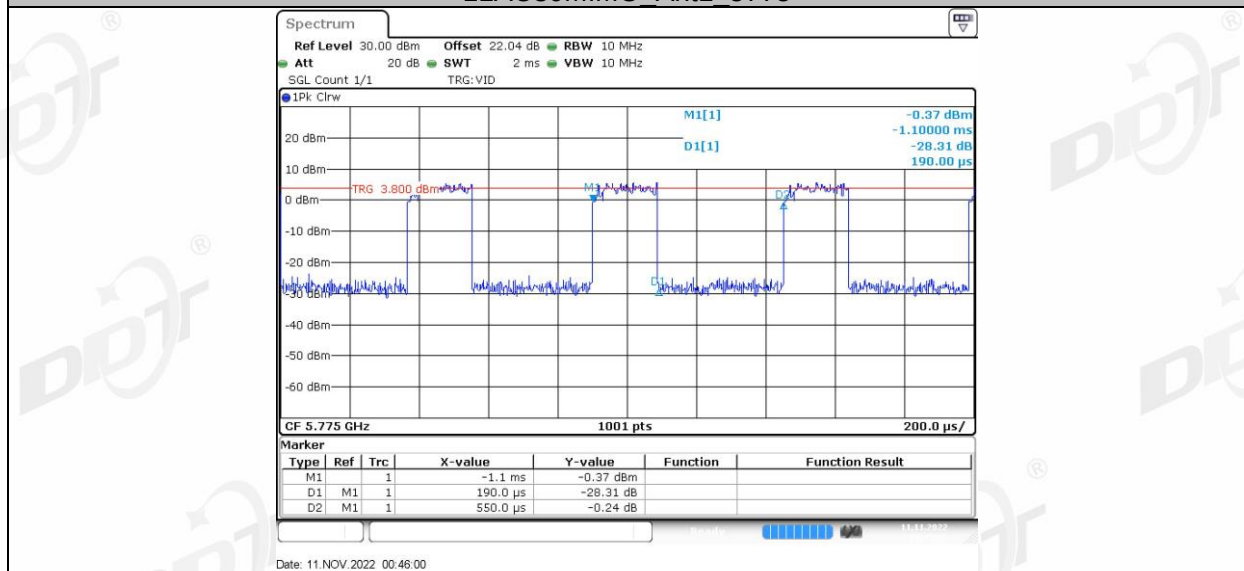
11AC80MIMO_Ant1_5610



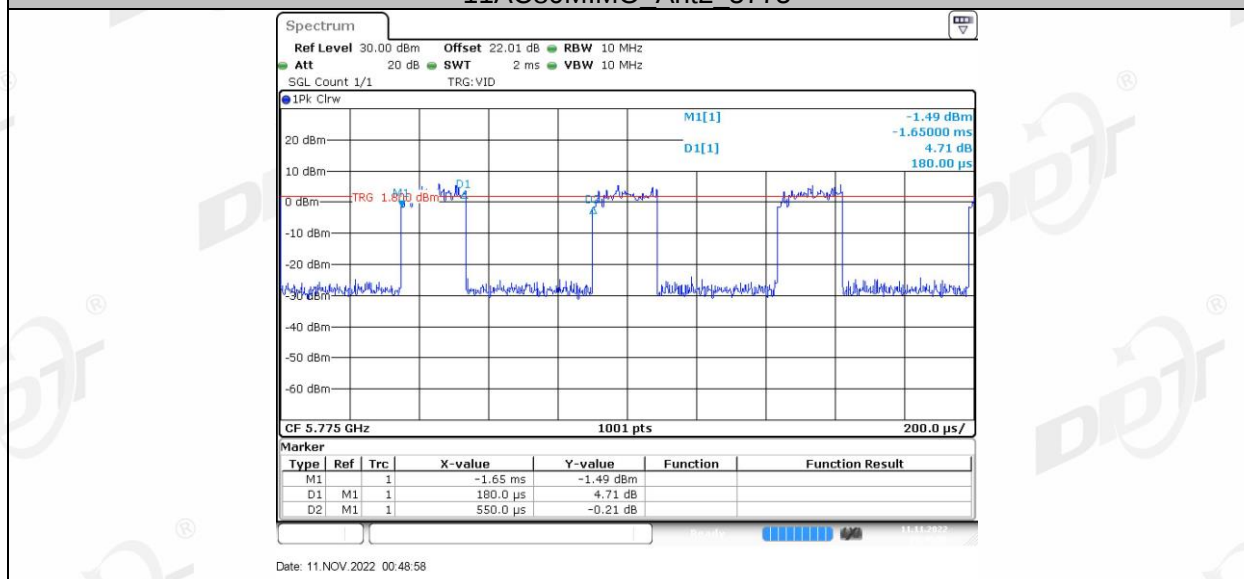
11AC80MIMO_Ant2_5610



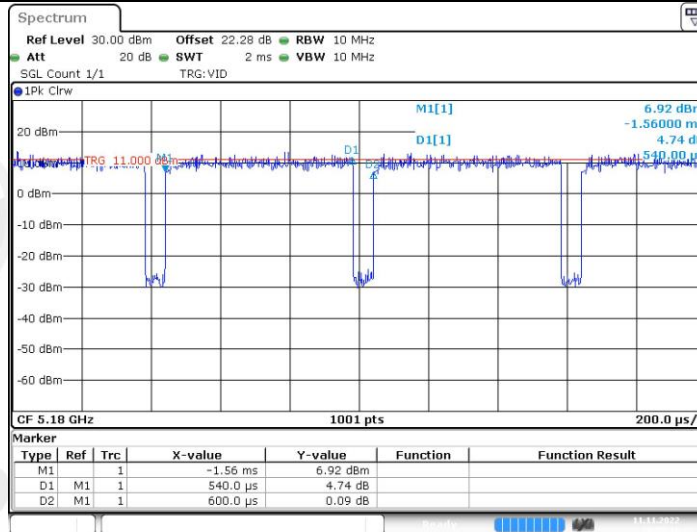
11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

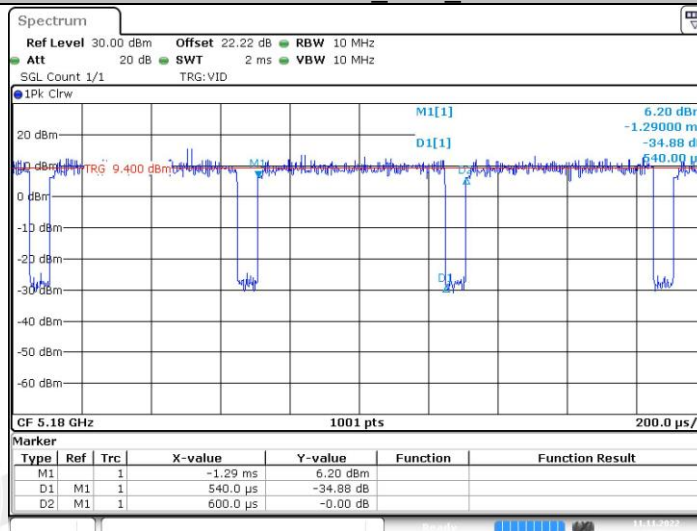


11AX20MIMO_Ant1_5180



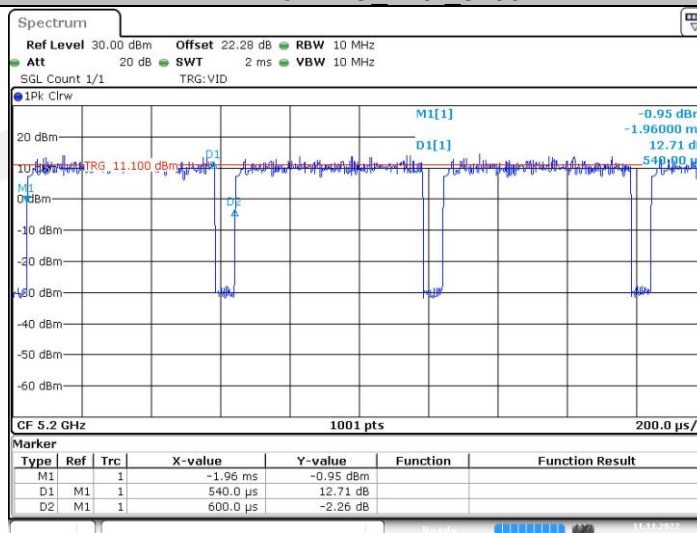
Date: 11.NOV.2022 19:05:20

11AX20MIMO_Ant2_5180



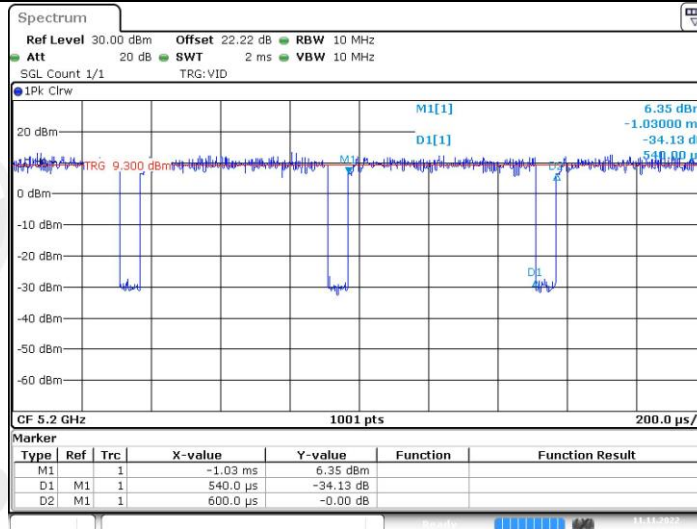
Date: 11.NOV.2022 19:08:12

11AX20MIMO_Ant1_5200



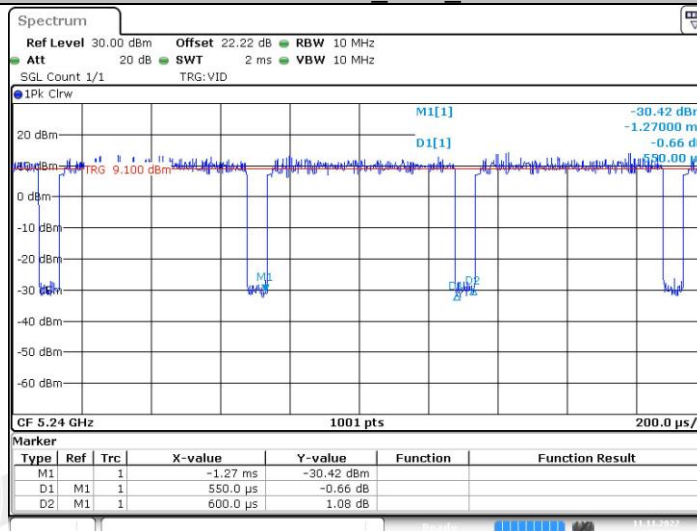
Date: 11.NOV.2022 19:11:24

11AX20MIMO_Ant2_5200



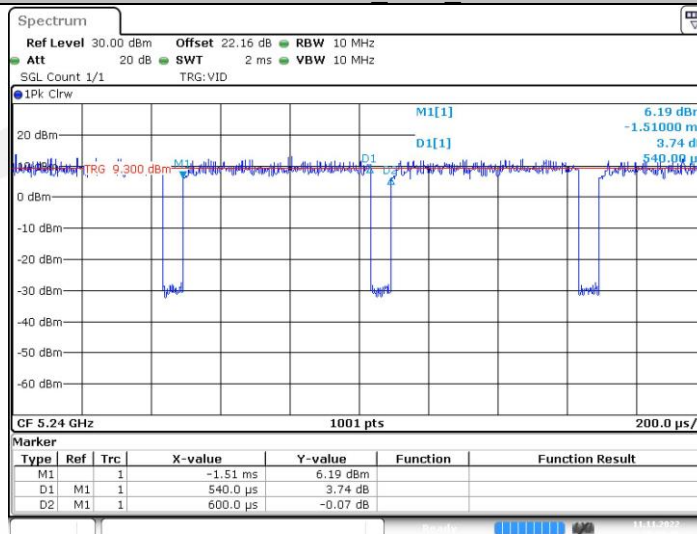
Date: 11.NOV.2022 19:14:17

11AX20MIMO_Ant1_5240



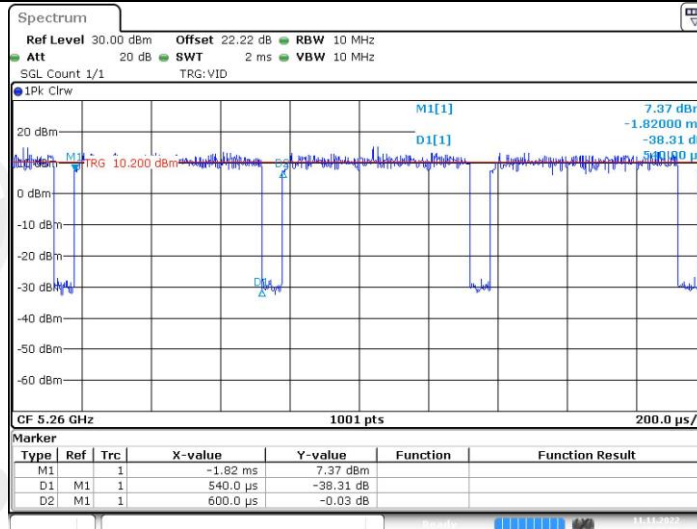
Date: 11.NOV.2022 19:17:56

11AX20MIMO_Ant2_5240



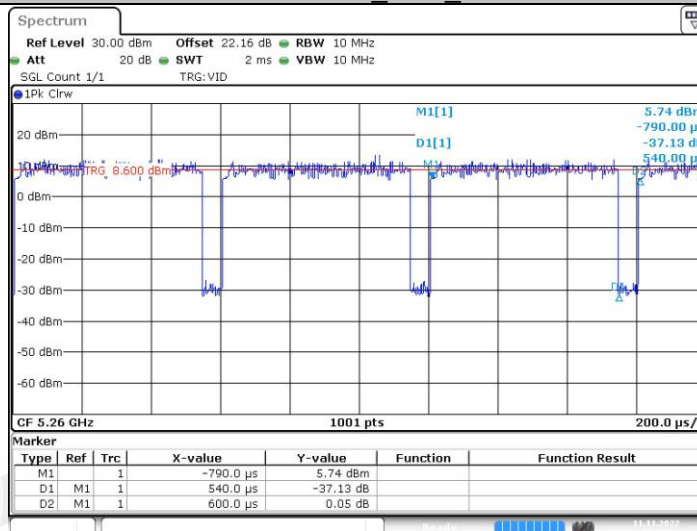
Date: 11.NOV.2022 19:20:48

11AX20MIMO_Ant1_5260



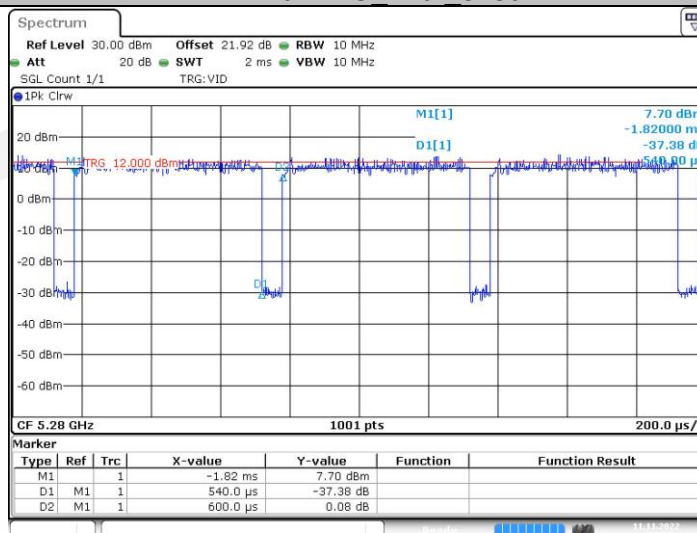
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11AX20MIMO_Ant2_5260



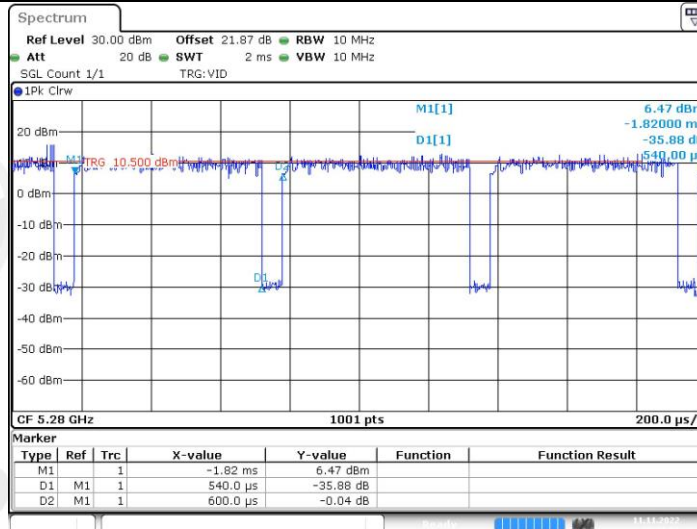
Date: 11.NOV.2022 19:26:53

11AX20MIMO_Ant1_5280



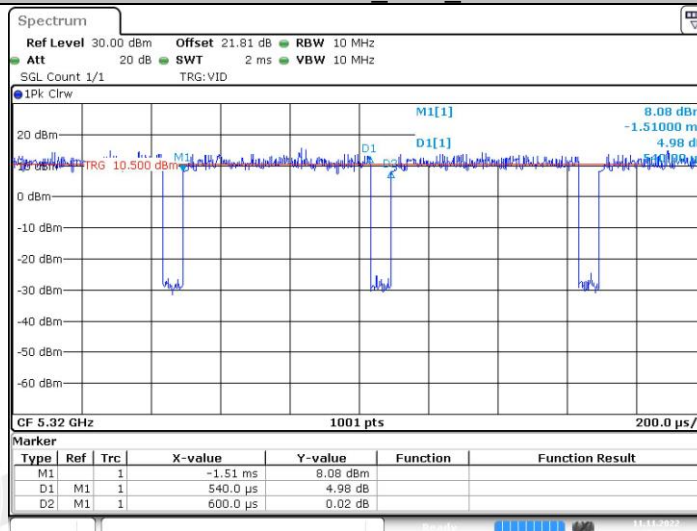
Date: 11.NOV.2022 19:32:02

11AX20MIMO_Ant2_5280



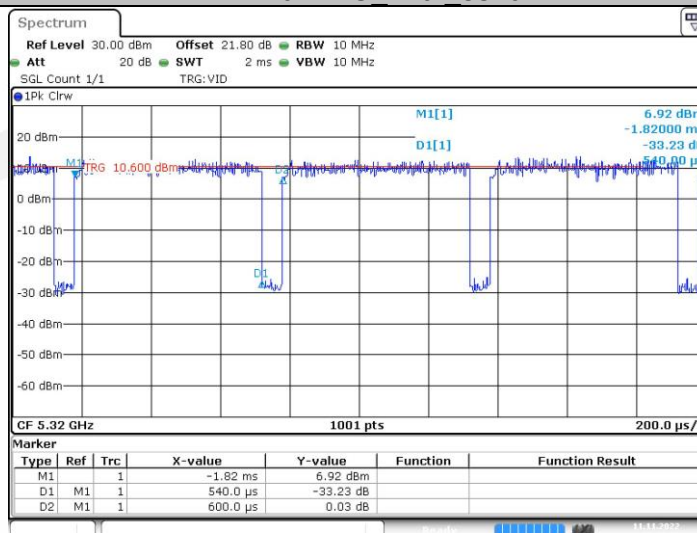
Date: 11.NOV.2022 19:34:56

11AX20MIMO_Ant1_5320



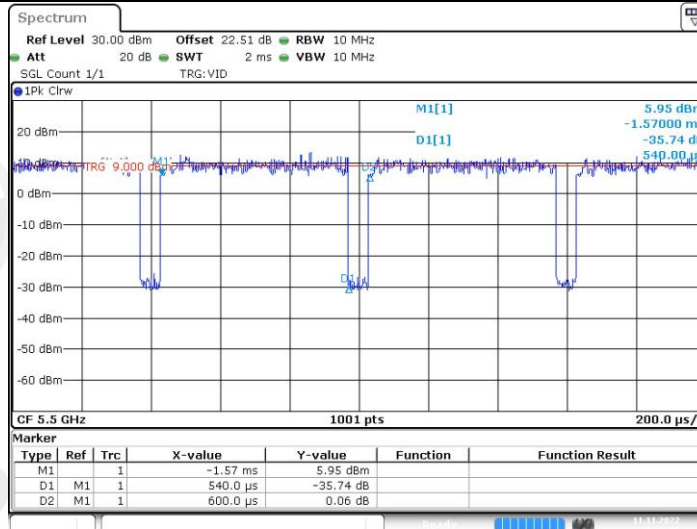
Date: 11.NOV.2022 19:50:35

11AX20MIMO_Ant2_5320



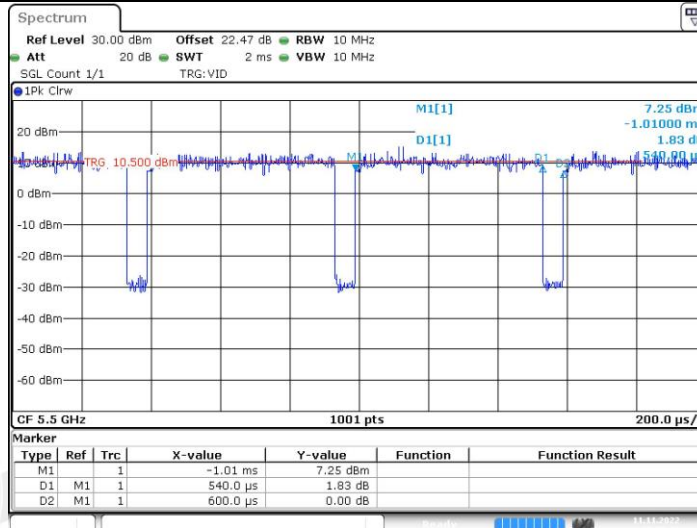
Date: 11.NOV.2022 19:53:28

11AX20MIMO_Ant1_5500



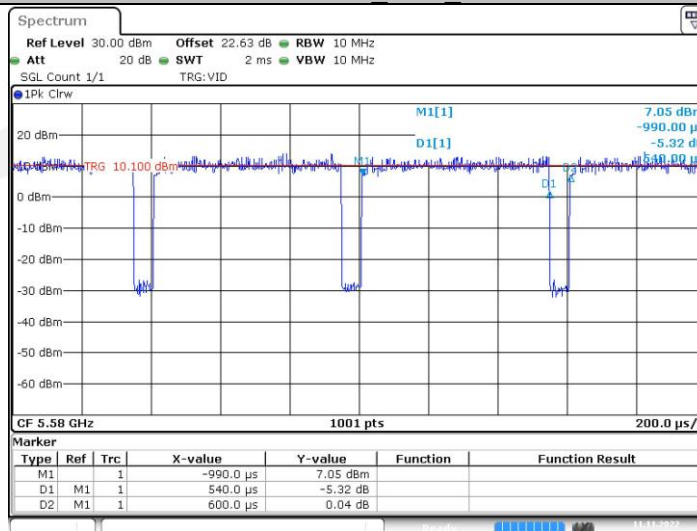
Date: 11.NOV.2022 19:56:49

11AX20MIMO_Ant2_5500



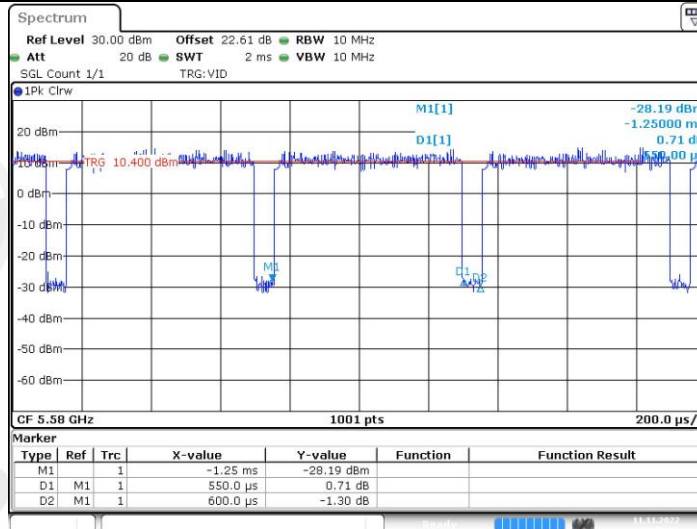
Date: 11.NOV.2022 19:59:41

11AX20MIMO_Ant1_5580

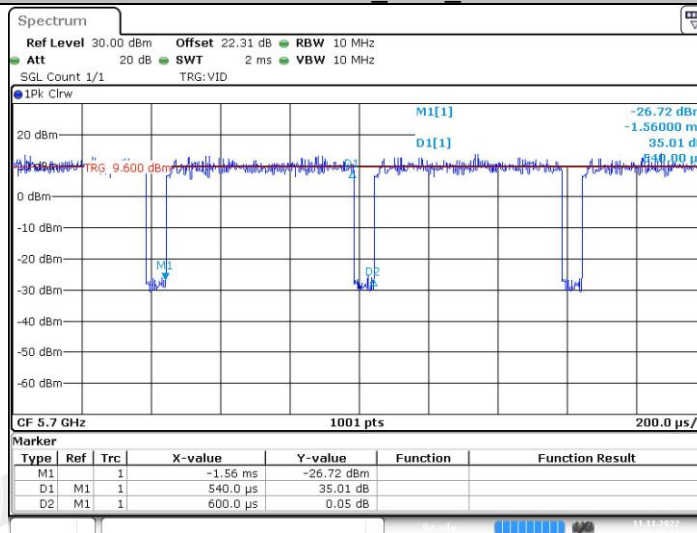


Date: 11.NOV.2022 20:02:59

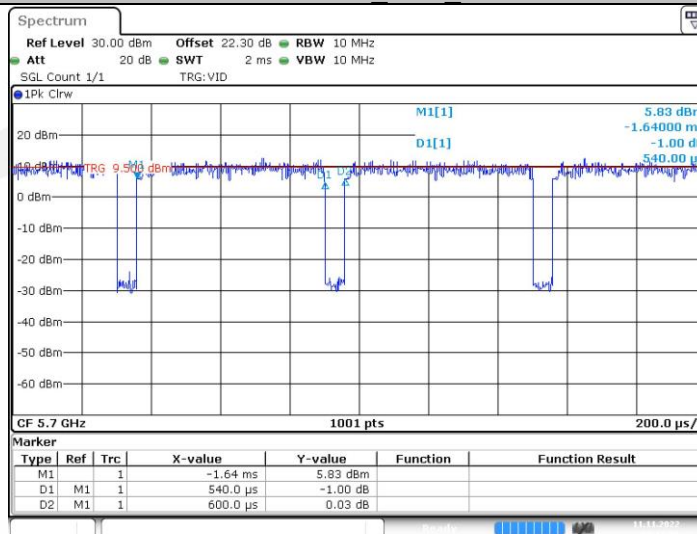
11AX20MIMO_Ant2_5580



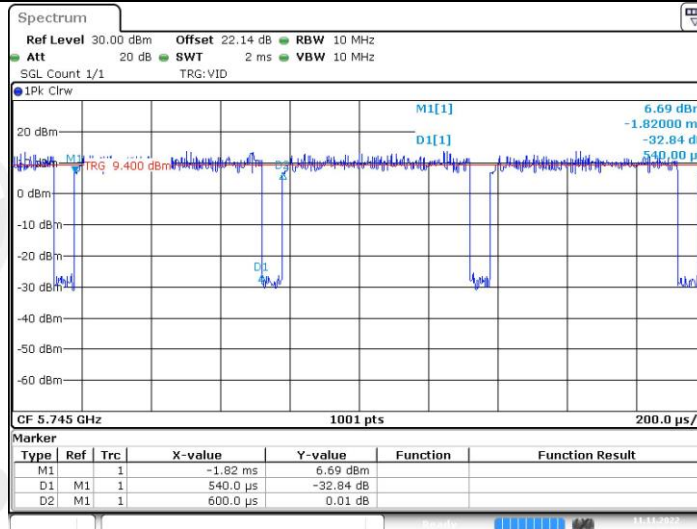
11AX20MIMO_Ant1_5700



11AX20MIMO_Ant2_5700

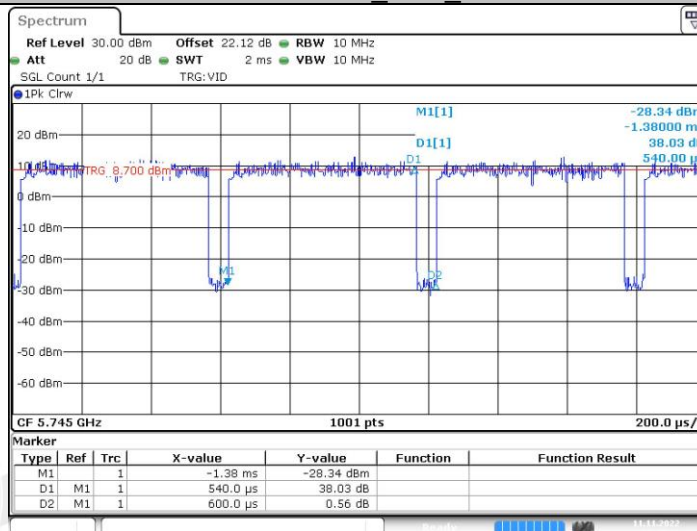


11AX20MIMO_Ant1_5745



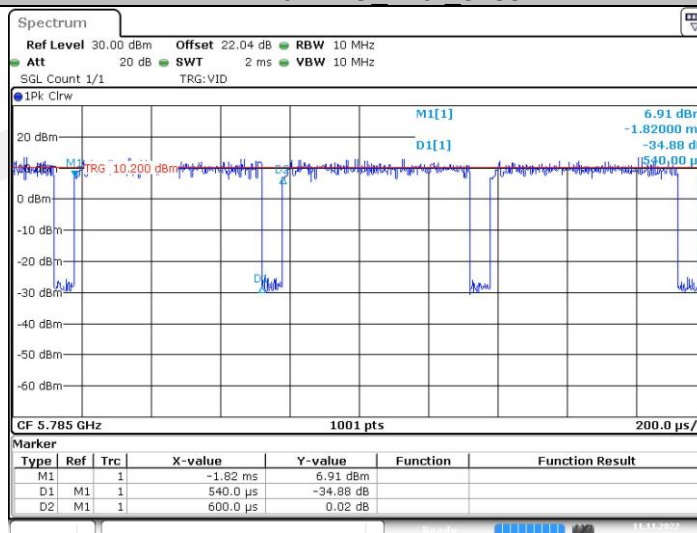
Date: 11.NOV.2022 20:15:31

11AX20MIMO_Ant2_5745



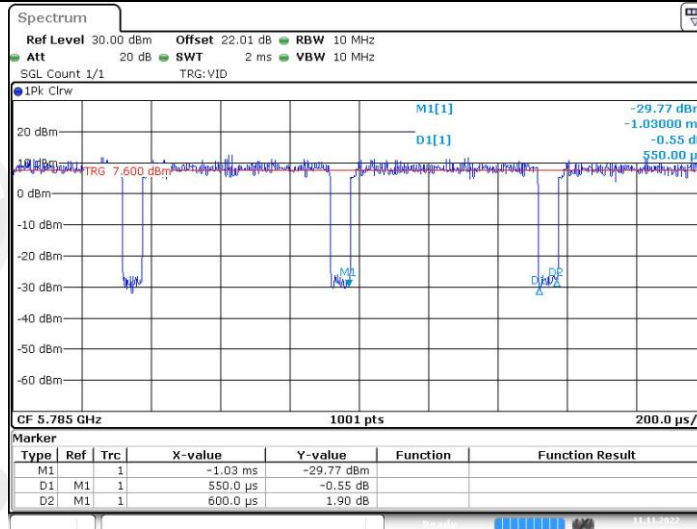
Date: 11.NOV.2022 20:18:33

11AX20MIMO_Ant1_5785



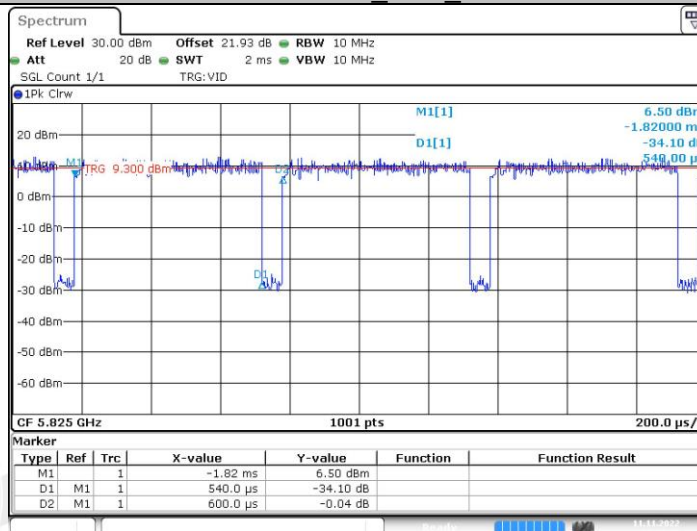
Date: 11.NOV.2022 20:21:58

11AX20MIMO_Ant2_5785



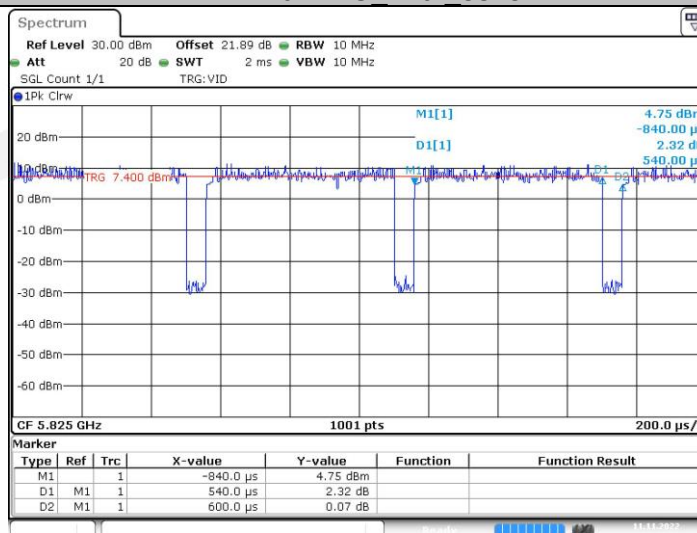
Date: 11.NOV.2022 20:24:59

11AX20MIMO_Ant1_5825



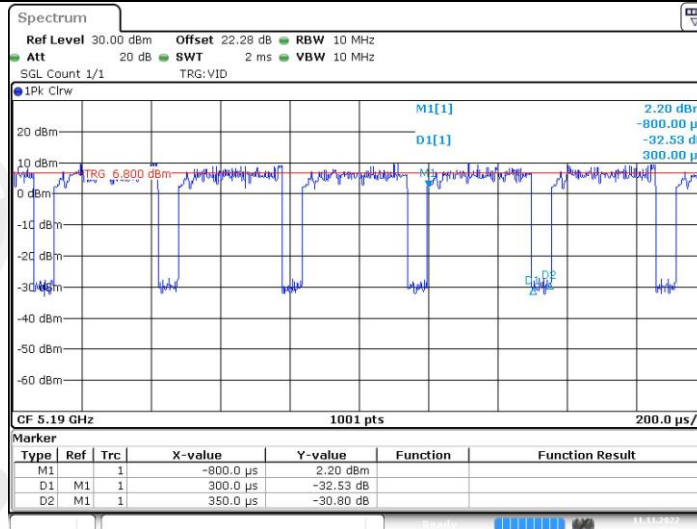
Date: 11.NOV.2022 20:29:20

11AX20MIMO_Ant2_5825

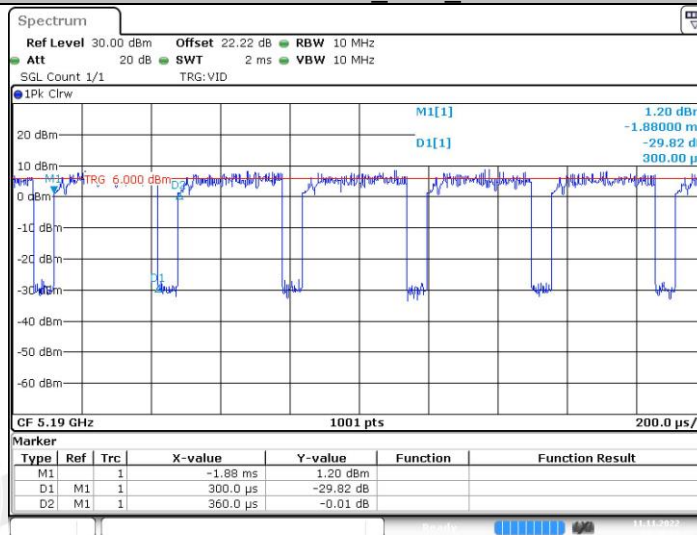


Date: 11.NOV.2022 20:32:22

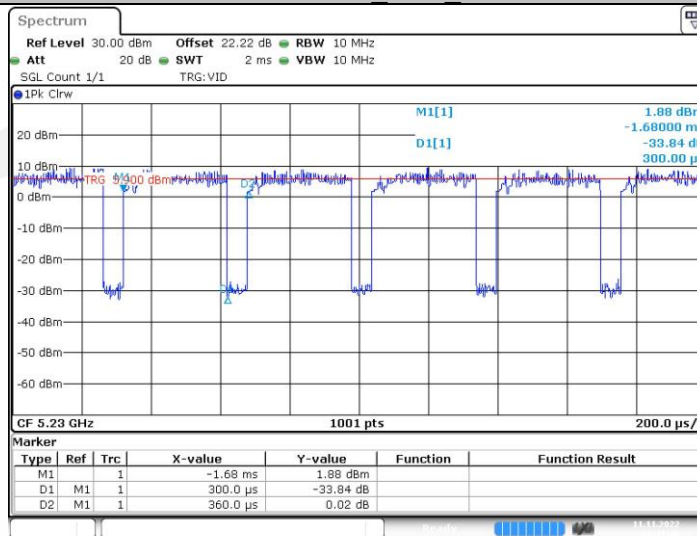
11AX40MIMO_Ant1_5190



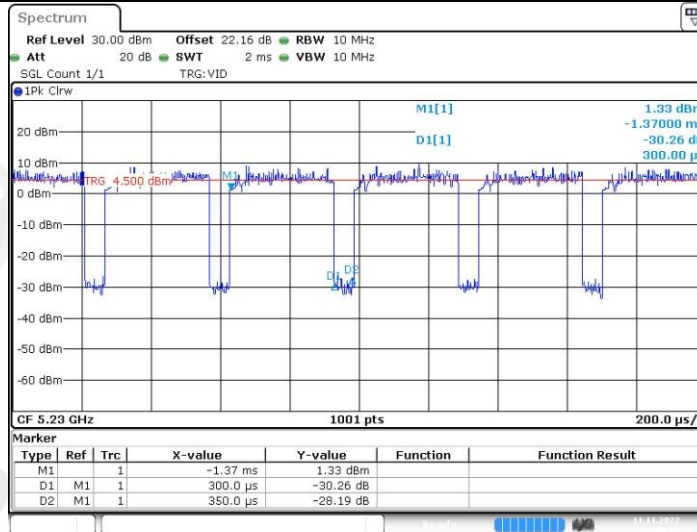
11AX40MIMO_Ant2_5190



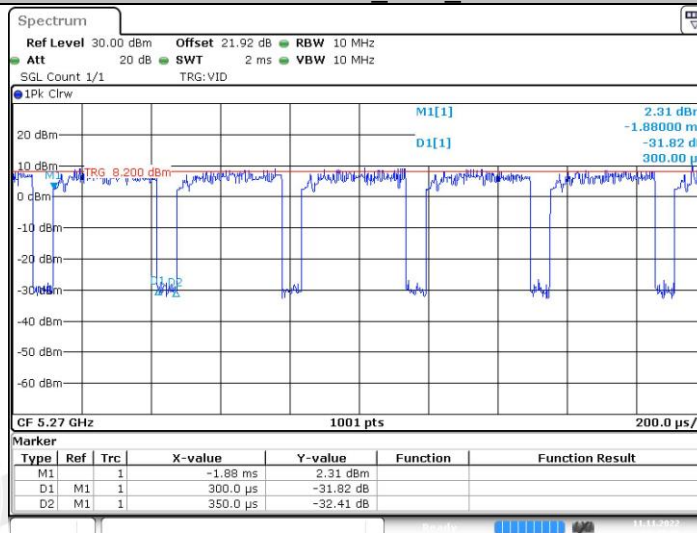
11AX40MIMO_Ant1_5230



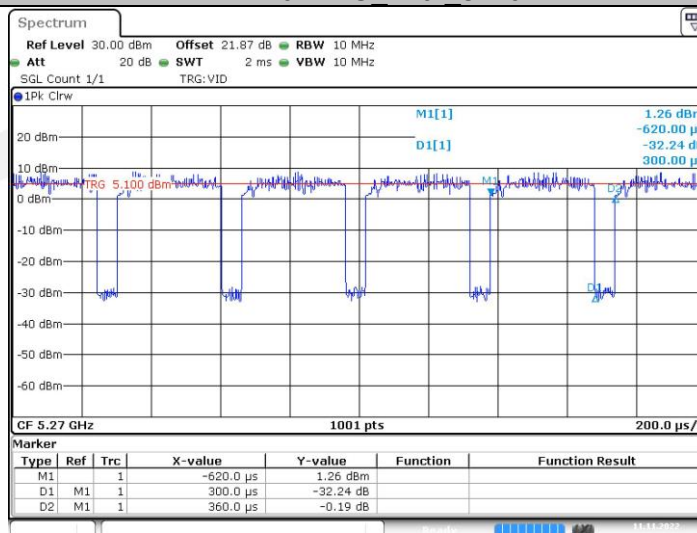
11AX40MIMO_Ant2_5230



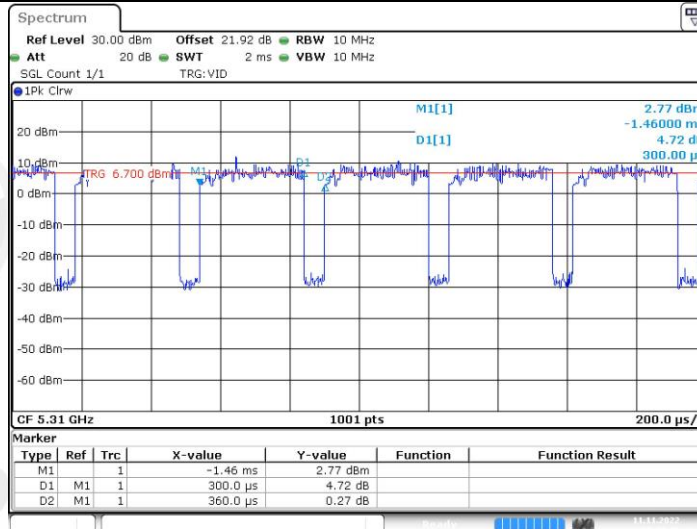
11AX40MIMO_Ant1_5270



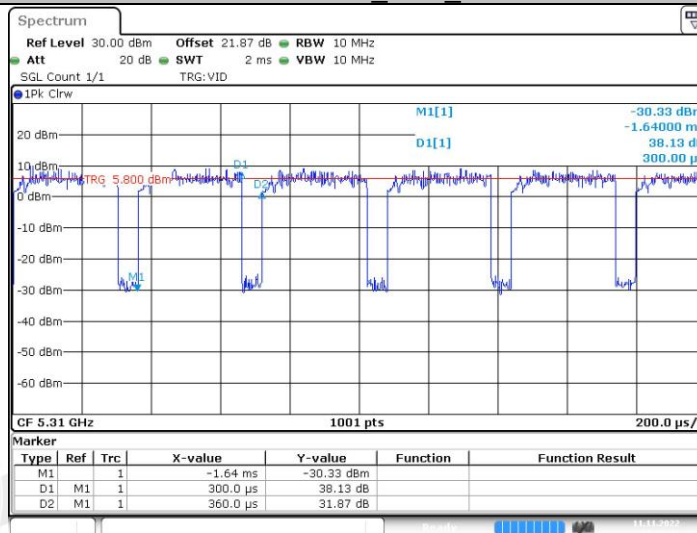
11AX40MIMO_Ant2_5270



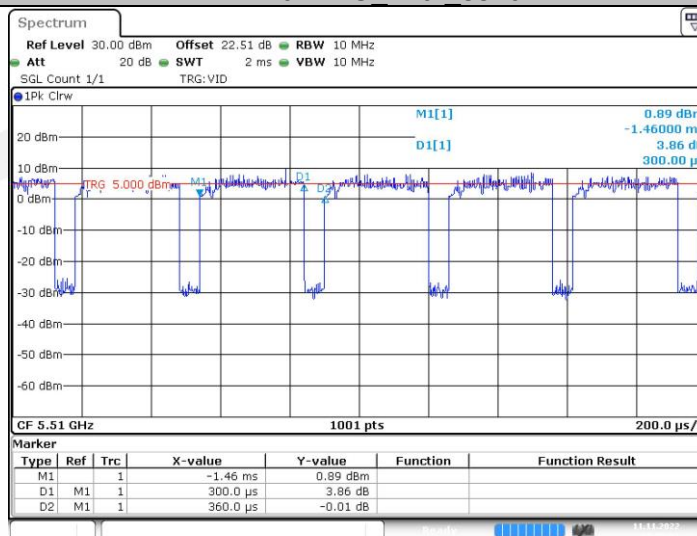
11AX40MIMO_Ant1_5310



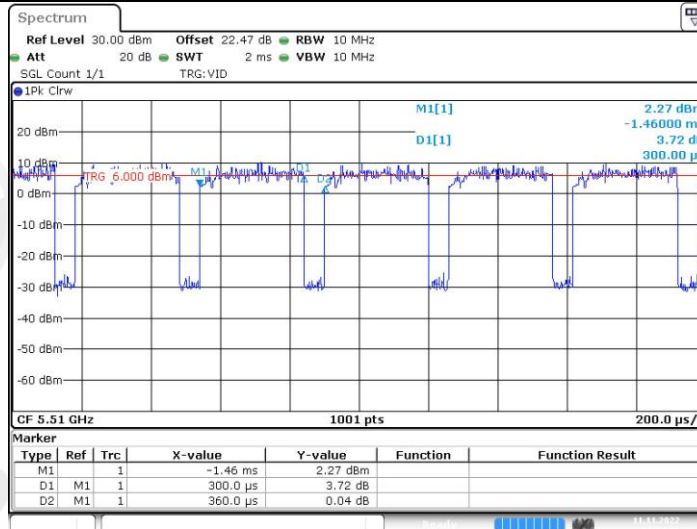
11AX40MIMO_Ant2_5310



11AX40MIMO_Ant1_5510

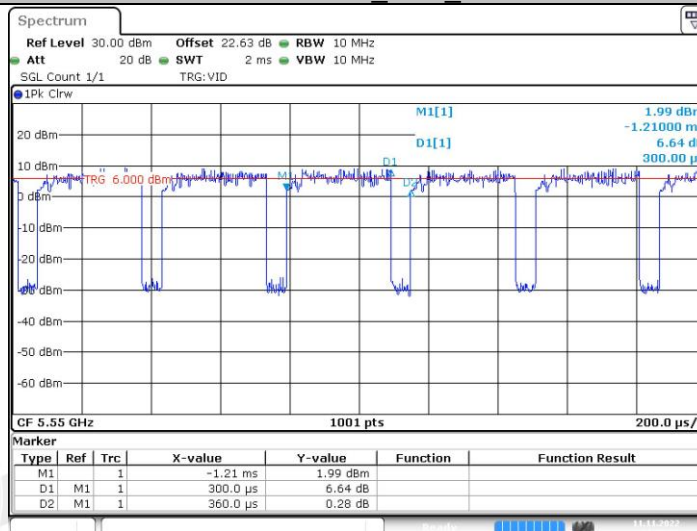


11AX40MIMO_Ant2_5510



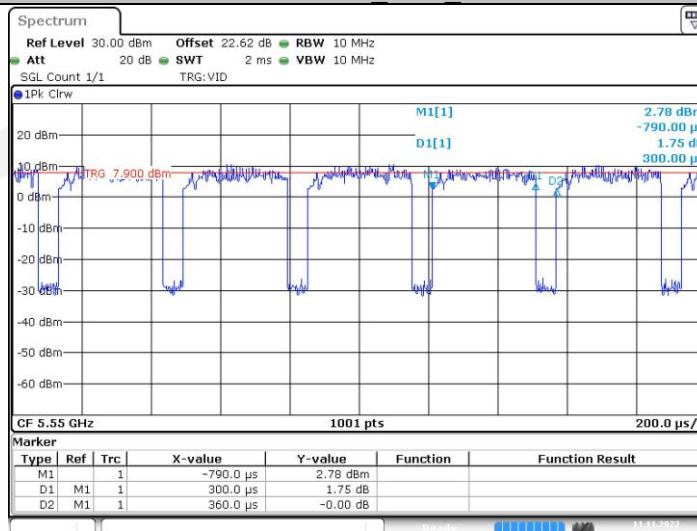
Date: 11.NOV.2022 21:02:46

11AX40MIMO_Ant1_5550



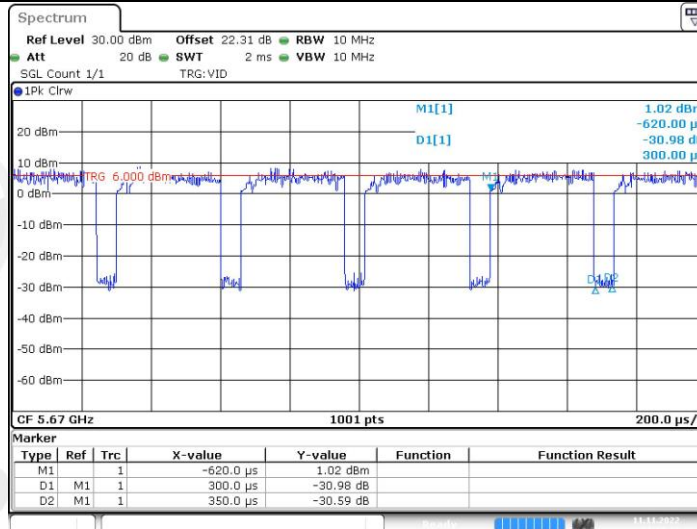
Date: 11.NOV.2022 21:06:03

11AX40MIMO_Ant2_5550



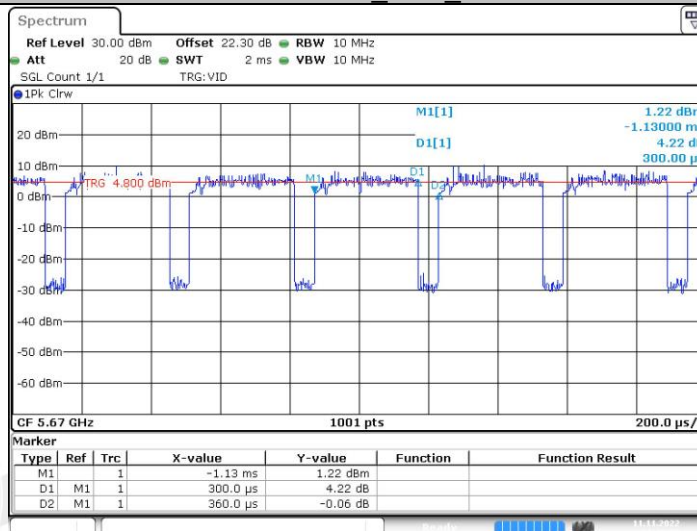
Date: 11.NOV.2022 21:08:57

11AX40MIMO_Ant1_5670



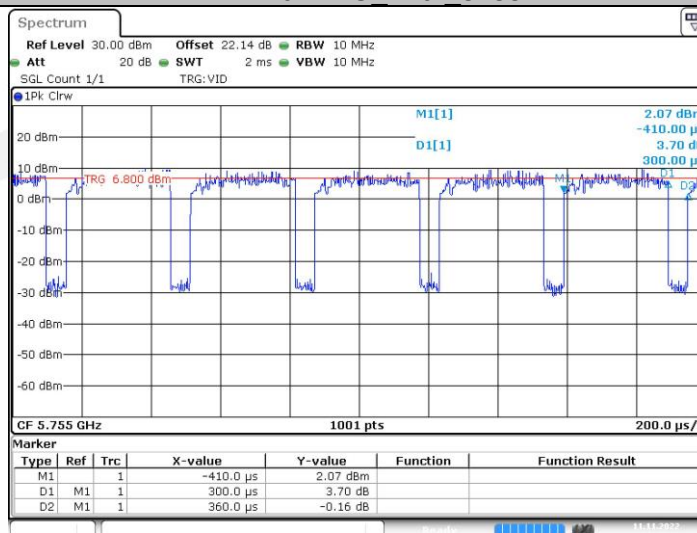
Date: 11.NOV.2022 21:12:16

11AX40MIMO_Ant2_5670



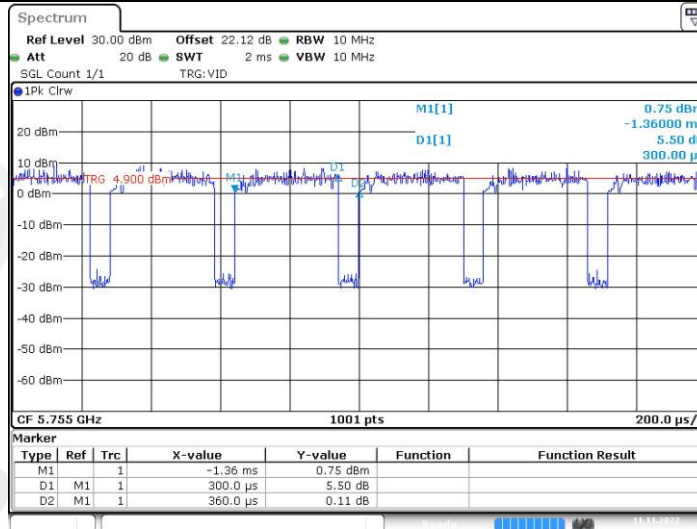
Date: 11.NOV.2022 21:15:08

11AX40MIMO_Ant1_5755

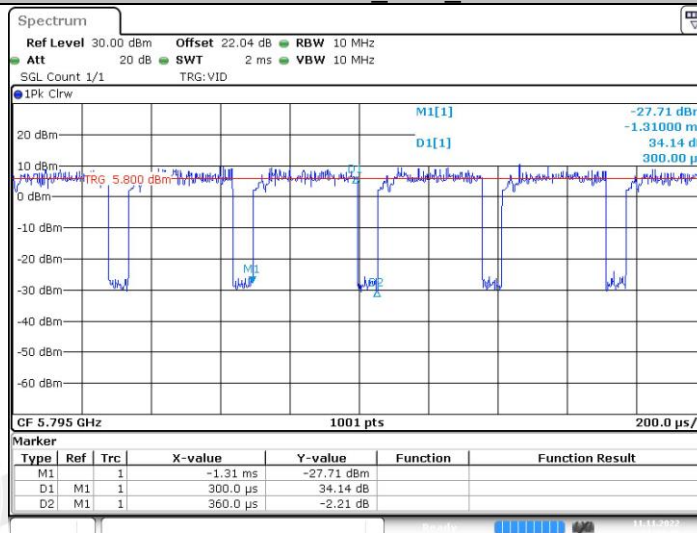


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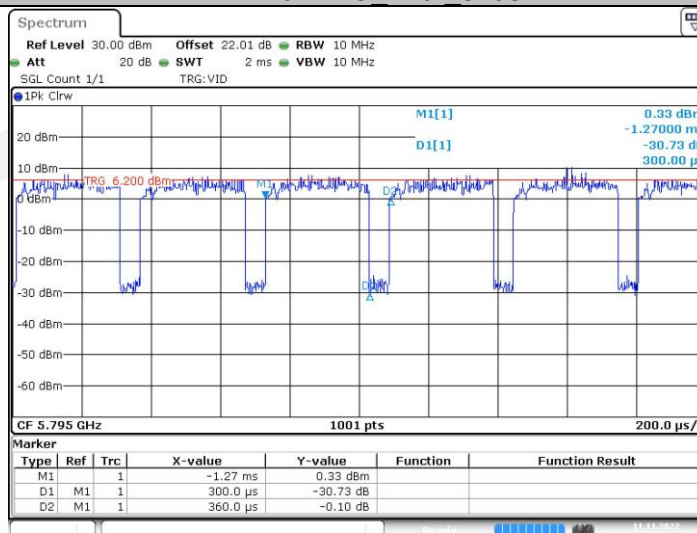
11AX40MIMO_Ant2_5755



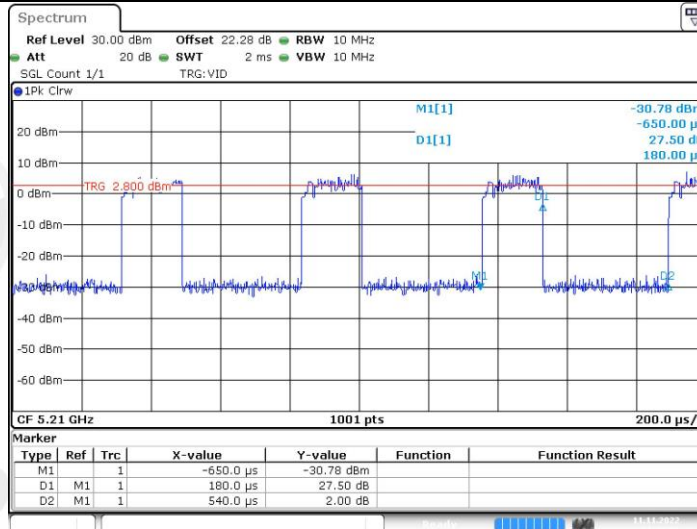
11AX40MIMO_Ant1_5795



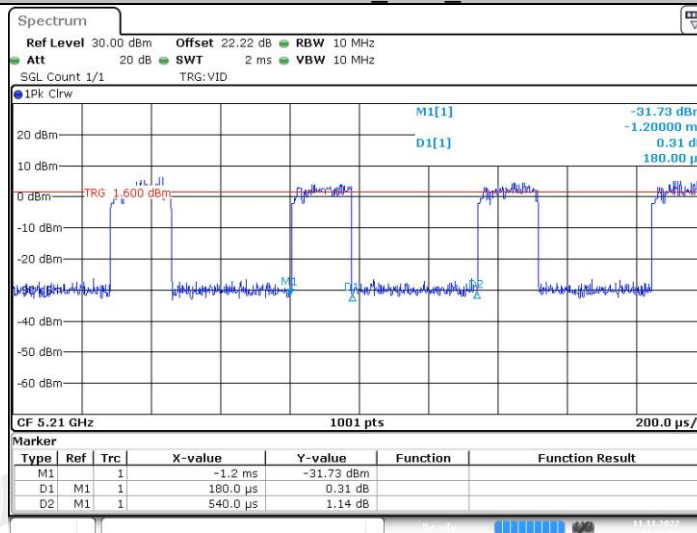
11AX40MIMO_Ant2_5795



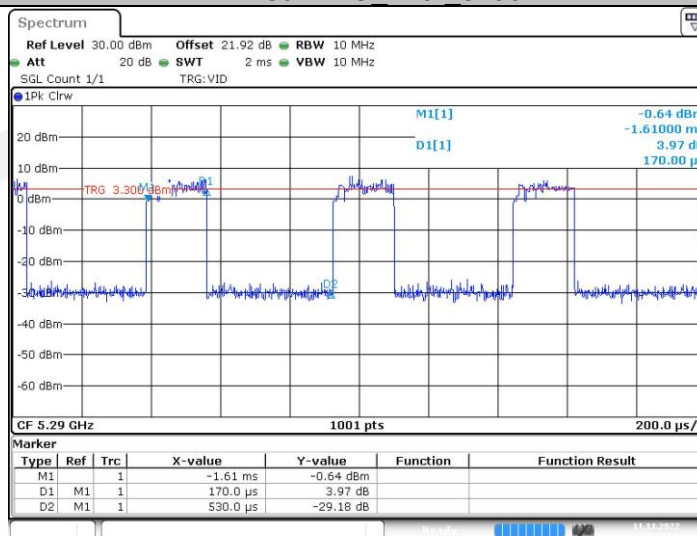
11AX80MIMO_Ant1_5210



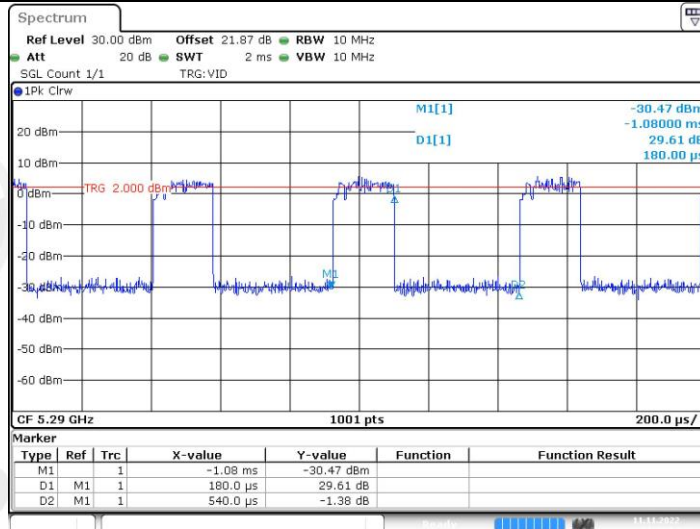
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5290

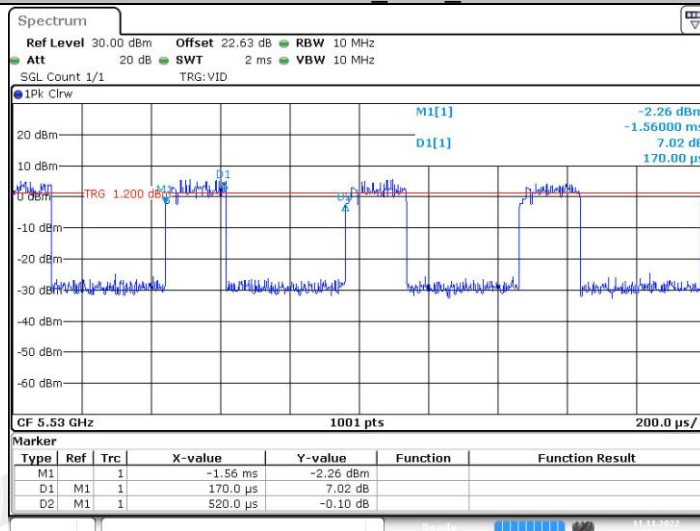


11AX80MIMO_Ant2_5290



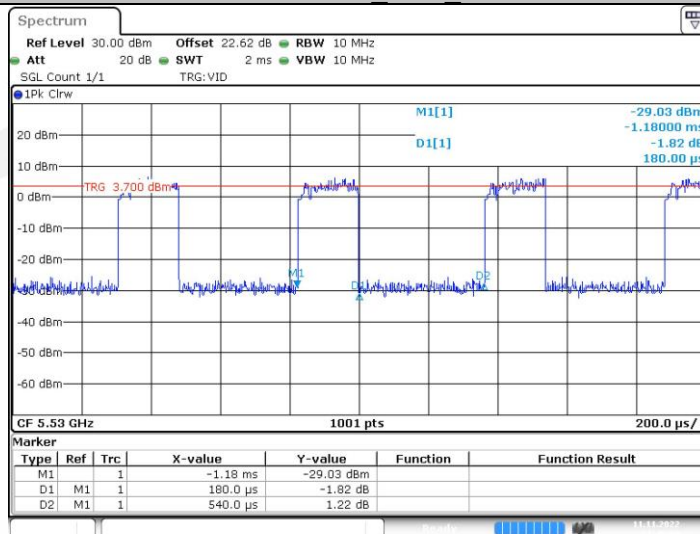
Date: 11.NOV.2022 21:39:54

11AX80MIMO_Ant1_5530



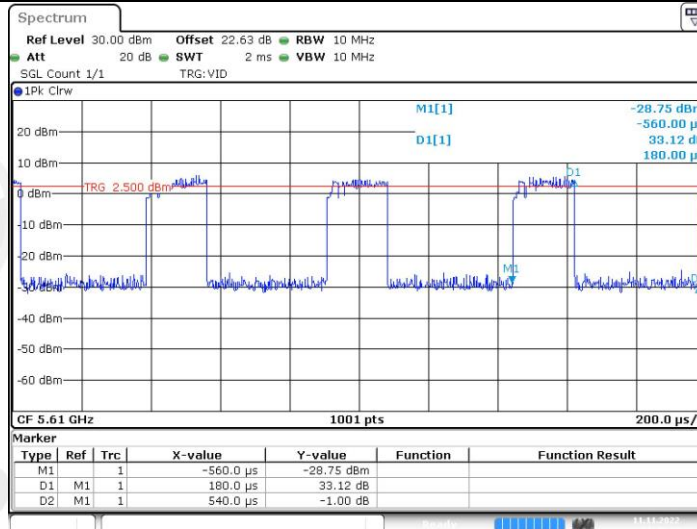
Date: 11.NOV.2022 21:43:14

11AX80MIMO_Ant2_5530

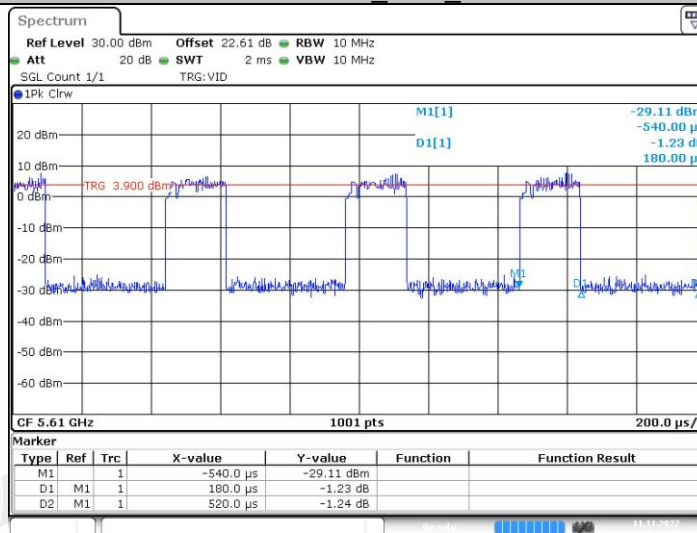


Date: 11.NOV.2022 21:46:04

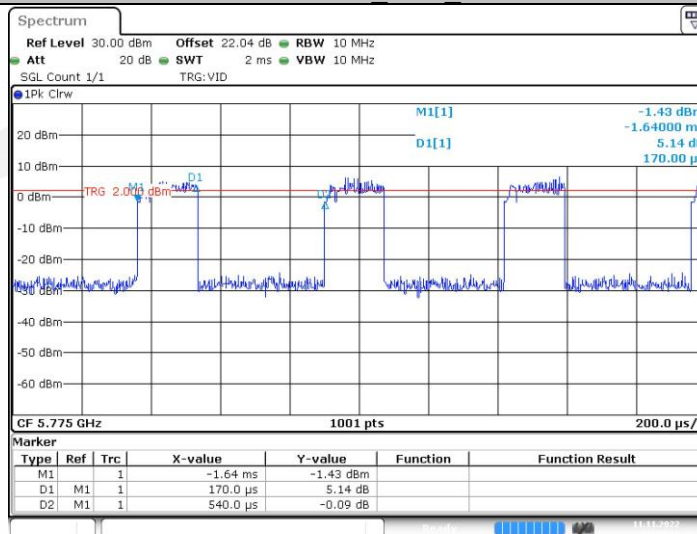
11AX80MIMO_Ant1_5610

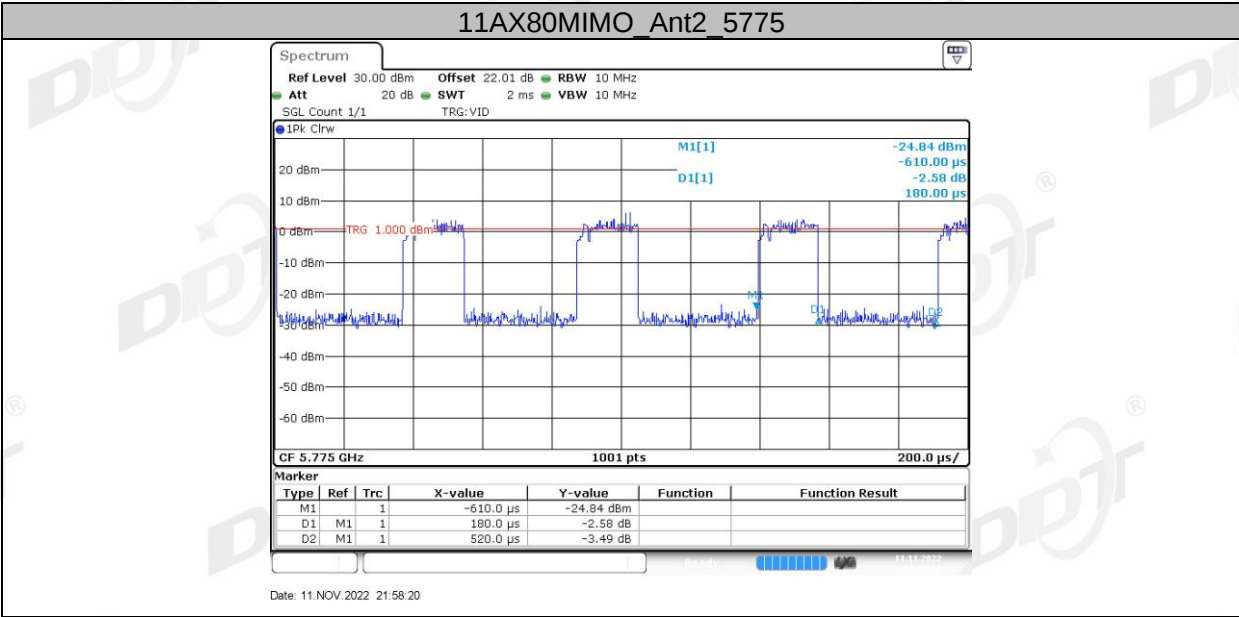


11AX80MIMO_Ant2_5610



11AX80MIMO_Ant1_5775





6. Maximum Output Power

6.1. Block diagram of test setup

Same as section 4.1

6.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC indoor access point devices: 1 W (30 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23 dBm) or $10 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	5725-5850
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
1 Watt (30 dBm)		
Note 1: For FCC: B=26 bandwidth; For ISM: B=99% bandwidth.		
Note 2: For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 10.01 dBi.		
The Output Power limit is the above limits-(10.01-6) dB		

6.3. Test Procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator

Measure the output power of each antenna port by power sensor.

6.4. Test Result

Test Mode	Antenna	Channel	DC Factor [dBm]	Conducted Output Power Result [dBm]	Conducted FCC Limit [dBm]	Conducted RSS Limit [dBm]	Gain [dBi]	EIRP RSS [dBm]	EIRP RSS Limit [dBm]	Verdict
11A	Ant1	5180	0.15	12.19	29	---	7	19.19	22.22	PASS
	Ant2	5180	0.18	11.59	29	---	7	18.59	22.22	PASS
	Ant1	5200	0.18	12.28	29	---	7	19.28	22.22	PASS
	Ant2	5200	0.18	11.76	29	---	7	18.76	22.22	PASS
	Ant1	5240	0.18	12.18	29	---	7	19.18	22.22	PASS
	Ant2	5240	0.18	11.93	29	---	7	18.93	22.22	PASS
	Ant1	5260	0.15	12.82	23	21.17	7	19.82	29.17	PASS
	Ant2	5260	0.15	11.40	23	21.17	7	18.40	29.17	PASS
	Ant1	5280	0.15	13.05	23	21.17	7	20.05	29.17	PASS
	Ant2	5280	0.18	11.83	23	21.17	7	18.83	29.17	PASS
	Ant1	5320	0.18	13.27	23	21.17	7	20.27	29.17	PASS
	Ant2	5320	0.18	12.61	23	21.17	7	19.61	29.17	PASS
	Ant1	5500	0.15	11.08	23	21.17	7	18.08	29.17	PASS
	Ant2	5500	0.18	12.71	23	21.17	7	19.71	29.17	PASS
	Ant1	5580	0.18	12.37	23	21.17	7	19.37	29.17	PASS
	Ant2	5580	0.18	13.46	23	21.17	7	20.46	29.17	PASS
	Ant1	5700	0.18	12.52	23	21.17	7	19.52	29.17	PASS
	Ant2	5700	0.18	11.82	23	21.17	7	18.82	29.17	PASS
	Ant1	5745	0.18	12.28	29	29	7	19.28	---	PASS
	Ant2	5745	0.18	10.93	29	29	7	17.93	---	PASS
	Ant1	5785	0.18	12.44	29	29	7	19.44	---	PASS
	Ant2	5785	0.18	10.76	29	29	7	17.76	---	PASS
	Ant1	5825	0.15	12.33	29	29	7	19.33	---	PASS
	Ant2	5825	0.18	10.42	29	29	7	17.42	---	PASS
11N20MIMO	Ant1	5180	0.31	5.80	29	---	7	12.80	22.46	PASS
	Ant2	5180	0.37	5.09	29	---	7	12.09	22.46	PASS
	total	5180	---	8.47	25.99	---	---	18.48	22.46	PASS
	Ant1	5200	0.37	5.95	29	---	7	12.95	22.46	PASS
	Ant2	5200	0.37	5.16	29	---	7	12.16	22.46	PASS
	total	5200	---	8.58	25.99	---	---	18.59	22.46	PASS
	Ant1	5240	0.37	5.77	29	---	7	12.77	22.46	PASS
	Ant2	5240	0.37	5.44	29	---	7	12.44	22.46	PASS
	total	5240	---	8.62	25.99	---	---	18.63	22.46	PASS
	Ant1	5260	0.37	6.35	23	22.45	7	13.35	29.45	PASS
	Ant2	5260	0.37	4.86	23	22.45	7	11.86	29.45	PASS
	total	5260	---	8.68	19.99	19.44	---	18.69	29.45	PASS
	Ant1	5280	0.37	6.62	23	22.45	7	13.62	29.45	PASS
	Ant2	5280	0.37	5.34	23	22.45	7	12.34	29.45	PASS
	total	5280	---	9.04	19.99	19.44	---	19.05	29.45	PASS
	Ant1	5320	0.37	6.69	23	22.45	7	13.69	29.45	PASS
	Ant2	5320	0.37	6.04	23	22.45	7	13.04	29.45	PASS
	total	5320	---	9.39	19.99	19.44	---	19.40	29.45	PASS
	Ant1	5500	0.37	4.79	23	22.45	7	11.79	29.45	PASS

	Ant2	5500	0.31	6.30	23	22.45	7	13.30	29.45	PASS
	total	5500	---	8.62	19.99	19.44	---	18.63	29.45	PASS
	Ant1	5580	0.37	5.83	23	22.45	7	12.83	29.45	PASS
	Ant2	5580	0.31	6.95	23	22.45	7	13.95	29.45	PASS
	total	5580	---	9.44	19.99	19.44	---	19.45	29.45	PASS
	Ant1	5700	0.31	5.26	23	22.45	7	12.26	29.45	PASS
	Ant2	5700	0.31	4.79	23	22.45	7	11.79	29.45	PASS
	total	5700	---	8.04	19.99	19.44	---	18.05	29.45	PASS
	Ant1	5745	0.37	5.43	29	29	7	12.43	---	PASS
	Ant2	5745	0.31	4.45	29	29	7	11.45	---	PASS
	total	5745	---	7.98	25.99	25.99	---	17.99	---	PASS
	Ant1	5785	0.31	5.68	29	29	7	12.68	---	PASS
	Ant2	5785	0.31	4.47	29	29	7	11.47	---	PASS
	total	5785	---	8.13	25.99	25.99	---	18.14	---	PASS
	Ant1	5825	0.31	5.67	29	29	7	12.67	---	PASS
	Ant2	5825	0.37	4.20	29	29	7	11.20	---	PASS
	total	5825	---	8.01	25.99	25.99	---	18.02	---	PASS
11N40MIM O	Ant1	5190	0.69	3.97	29	---	7	10.97	23	PASS
	Ant2	5190	0.58	3.22	29	---	7	10.22	23	PASS
	total	5190	---	6.62	25.99	---	---	16.63	23	PASS
	Ant1	5230	0.69	3.84	29	---	7	10.84	23	PASS
	Ant2	5230	0.58	3.46	29	---	7	10.46	23	PASS
	total	5230	---	6.66	25.99	---	---	16.67	23	PASS
	Ant1	5270	0.71	4.60	23	23	7	11.60	30	PASS
	Ant2	5270	0.69	3.39	23	23	7	10.39	30	PASS
	total	5270	---	7.05	19.99	19.99	---	17.06	30	PASS
	Ant1	5310	0.69	4.96	23	23	7	11.96	30	PASS
	Ant2	5310	0.69	4.13	23	23	7	11.13	30	PASS
	total	5310	---	7.58	19.99	19.99	---	17.59	30	PASS
	Ant1	5510	0.69	3.09	23	23	7	10.09	30	PASS
	Ant2	5510	0.69	4.58	23	23	7	11.58	30	PASS
	total	5510	---	6.91	19.99	19.99	---	16.92	30	PASS
	Ant1	5550	0.69	4.05	23	23	7	11.05	30	PASS
	Ant2	5550	0.71	5.03	23	23	7	12.03	30	PASS
	total	5550	---	7.58	19.99	19.99	---	17.59	30	PASS
	Ant1	5670	0.58	3.00	23	23	7	10.00	30	PASS
	Ant2	5670	0.58	3.39	23	23	7	10.39	30	PASS
	total	5670	---	6.21	19.99	19.99	---	16.22	30	PASS
	Ant1	5755	0.71	3.90	29	29	7	10.90	---	PASS
	Ant2	5755	0.69	2.81	29	29	7	9.81	---	PASS
	total	5755	---	6.40	25.99	25.99	---	16.41	---	PASS
	Ant1	5795	0.71	4.30	29	29	7	11.30	---	PASS
	Ant2	5795	0.58	2.61	29	29	7	9.61	---	PASS
	total	5795	---	6.55	25.99	25.99	---	16.56	---	PASS
11AC20MIM O	Ant1	5180	0.37	5.65	29	---	7	12.65	22.46	PASS
	Ant2	5180	0.30	5.03	29	---	7	12.03	22.46	PASS
	total	5180	---	8.36	25.99	---	---	18.37	22.46	PASS
	Ant1	5200	0.36	5.85	29	---	7	12.85	22.46	PASS
	Ant2	5200	0.30	5.12	29	---	7	12.12	22.46	PASS
	total	5200	---	8.51	25.99	---	---	18.52	22.46	PASS
	Ant1	5240	0.37	5.65	29	---	7	12.65	22.46	PASS