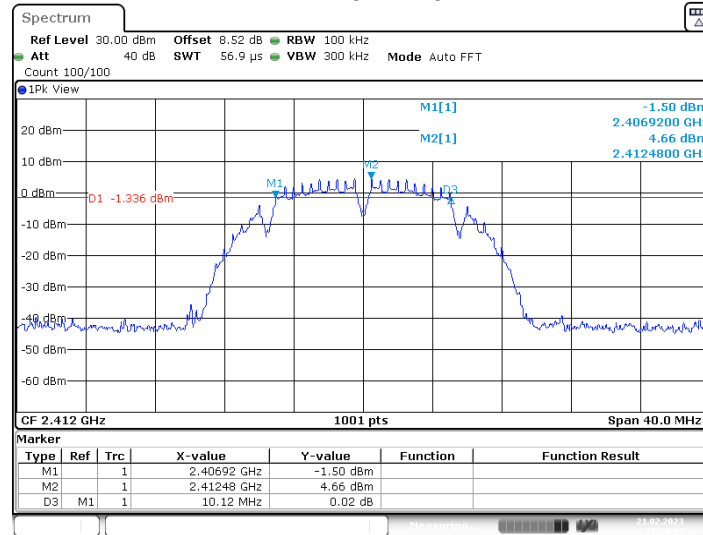
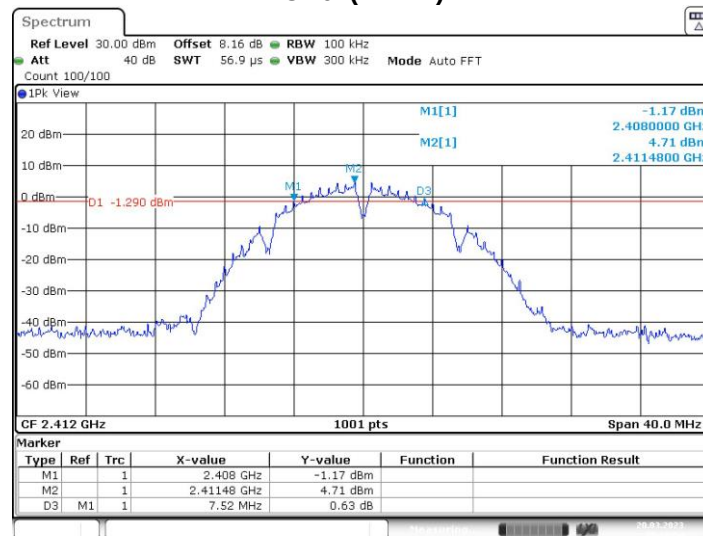


802.11B mode

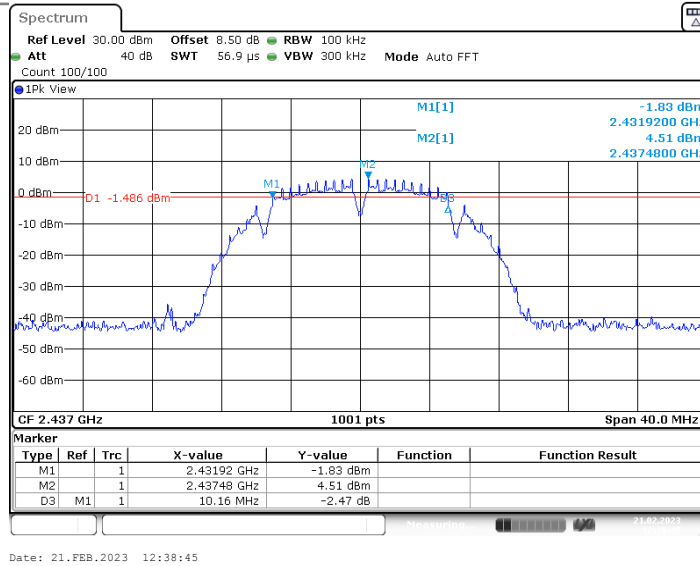
CH01(ANT 1)



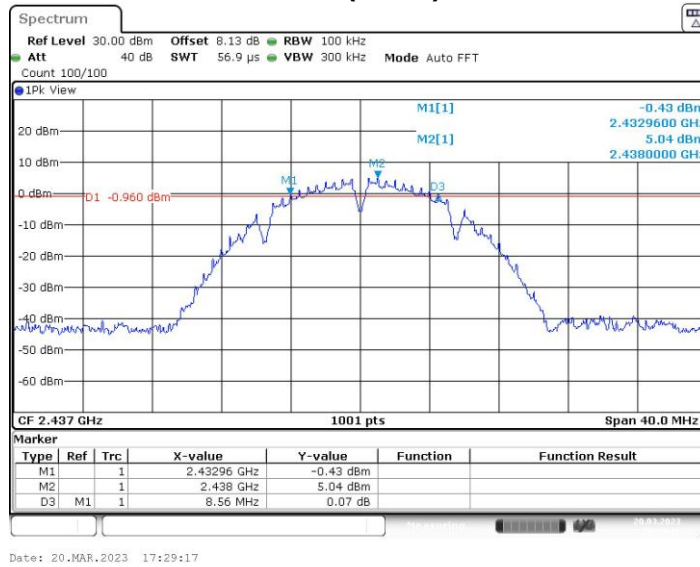
CH01(ANT 2)



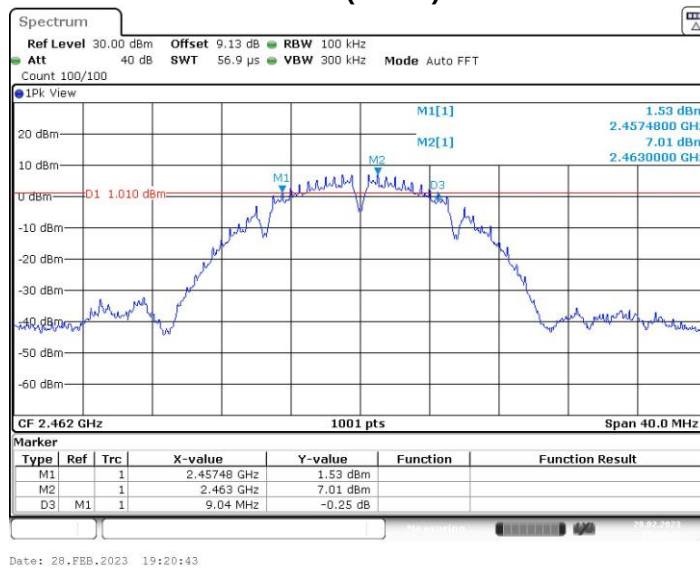
CH06(ANT 1)



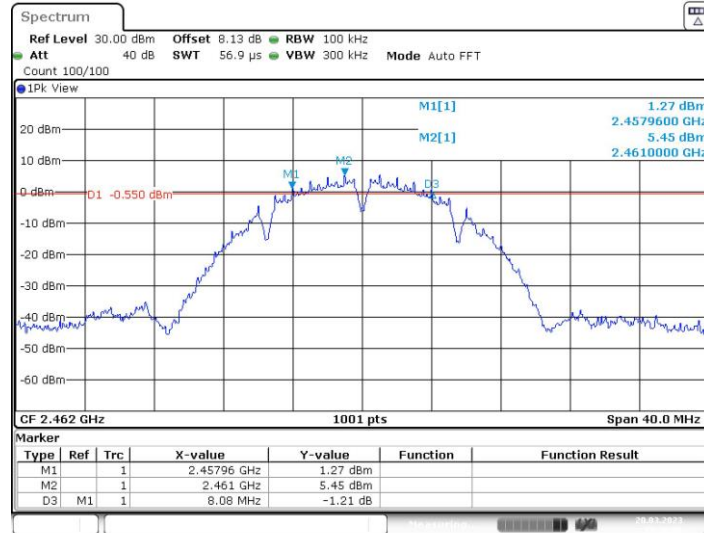
CH06(ANT 2)



CH11(ANT 1)



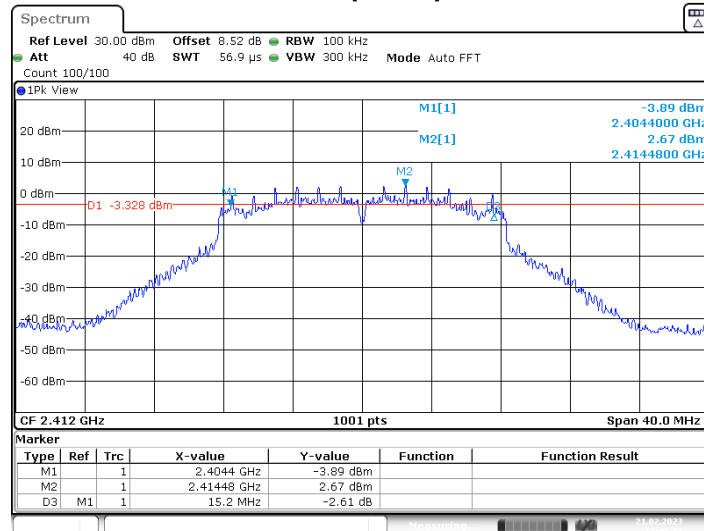
CH11(ANT 2)



Date: 20.MAR.2023 17:30:08

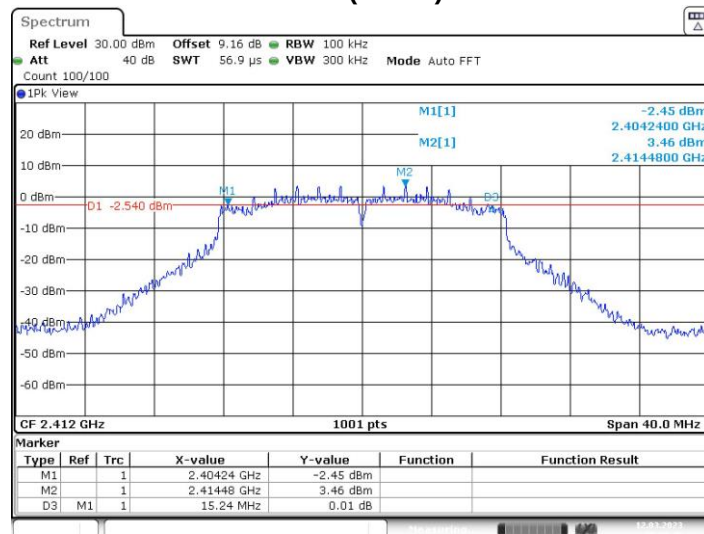
802.11G mode

CH01(ANT 1)



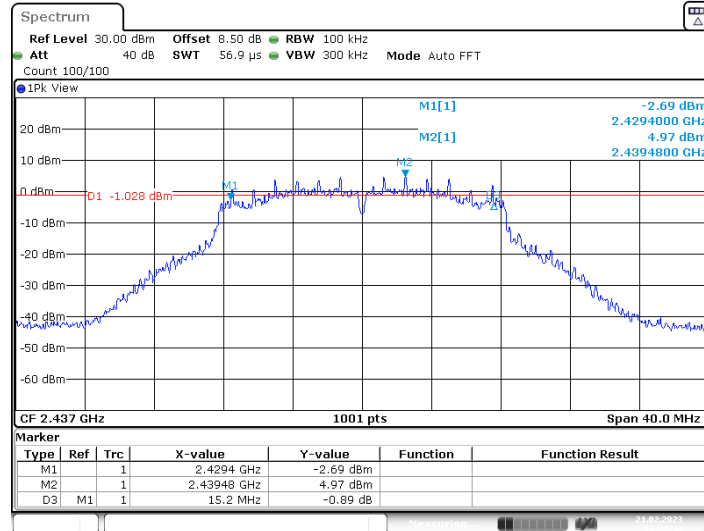
Date: 21.FEB.2023 13:42:10

CH01(ANT 2)



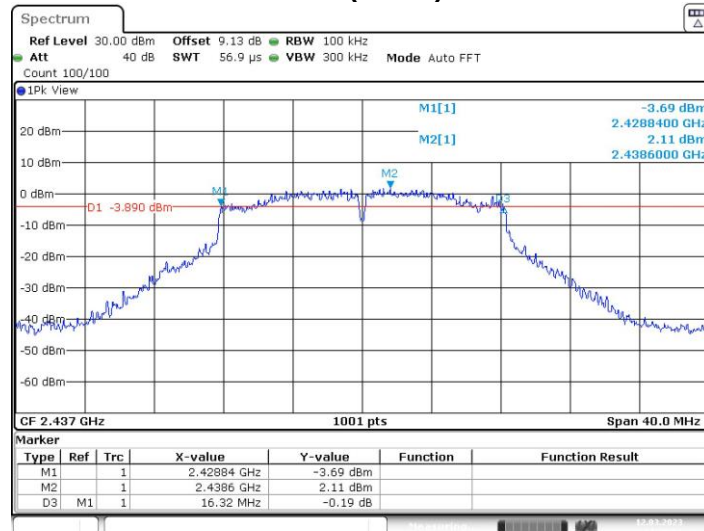
Date: 12.MAR.2023 10:58:39

CH06(ANT 1)



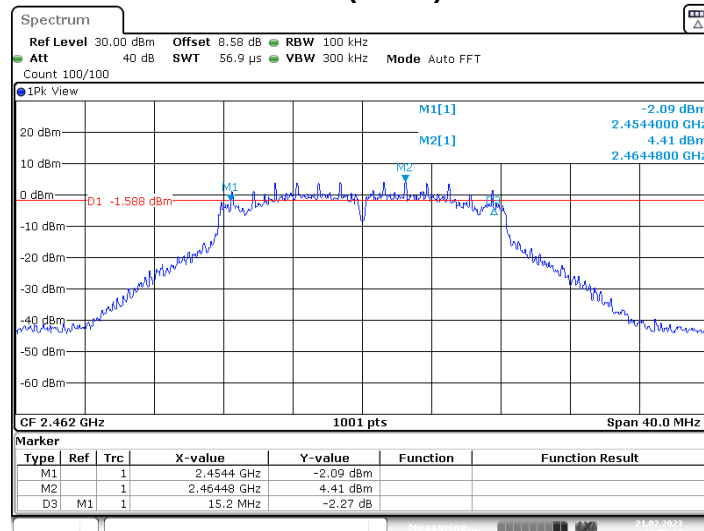
Date: 21.FEB.2023 13:47:34

CH06(ANT 2)



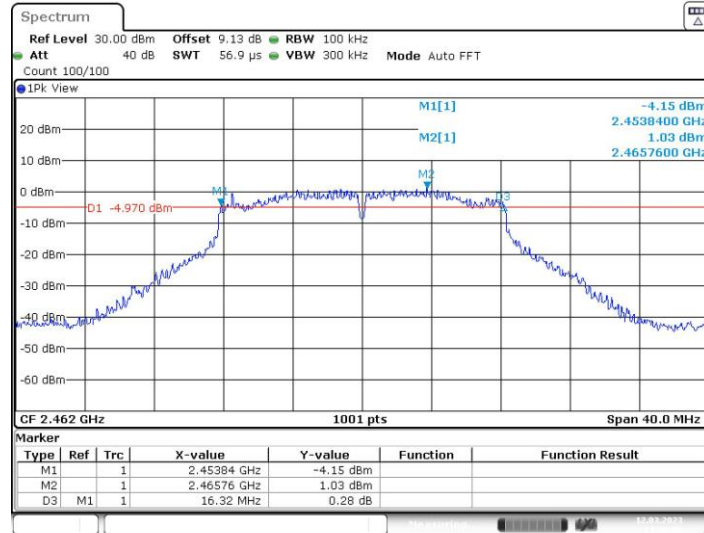
Date: 12.MAR.2023 11:20:56

CH11(ANT 1)



Date: 21.FEB.2023 13:51:08

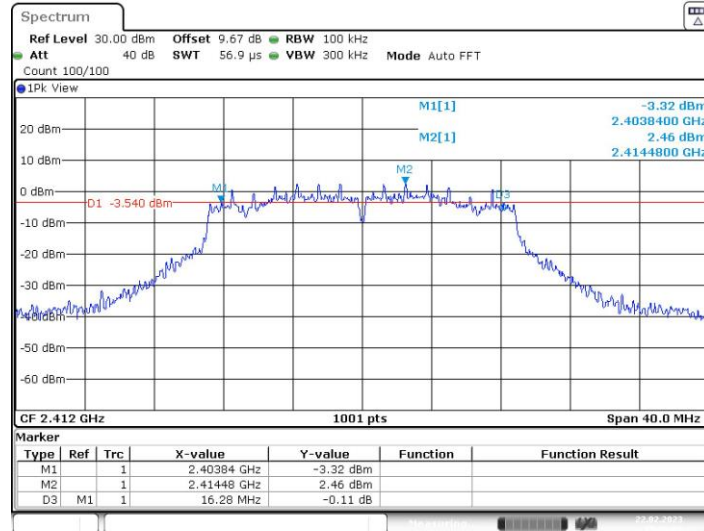
CH11(ANT 2)



Date: 12.MAR.2023 11:35:59

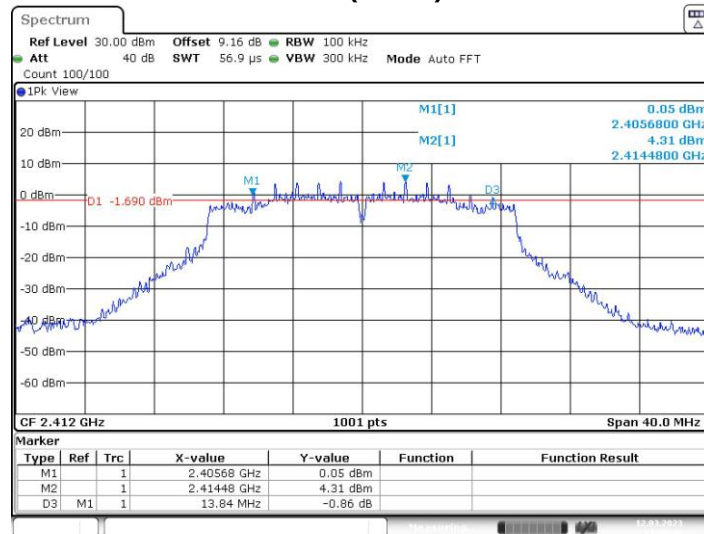
802.11N20 mode

CH01(ANT 1)



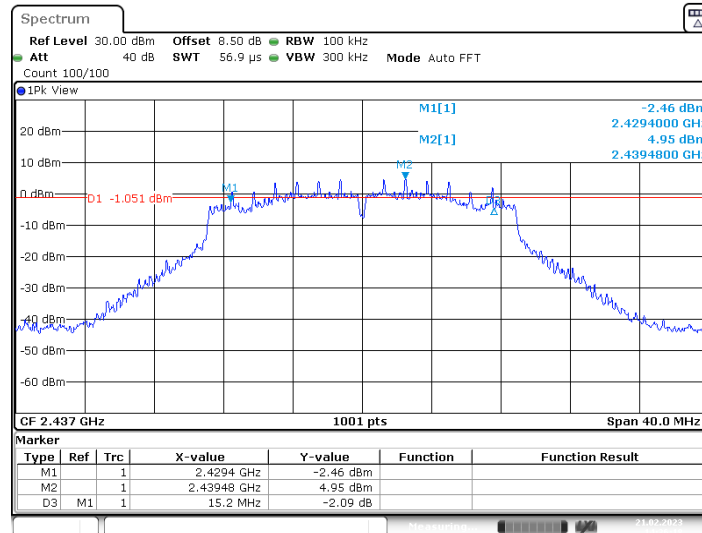
Date: 22.FEB.2023 15:26:23

CH01(ANT 2)



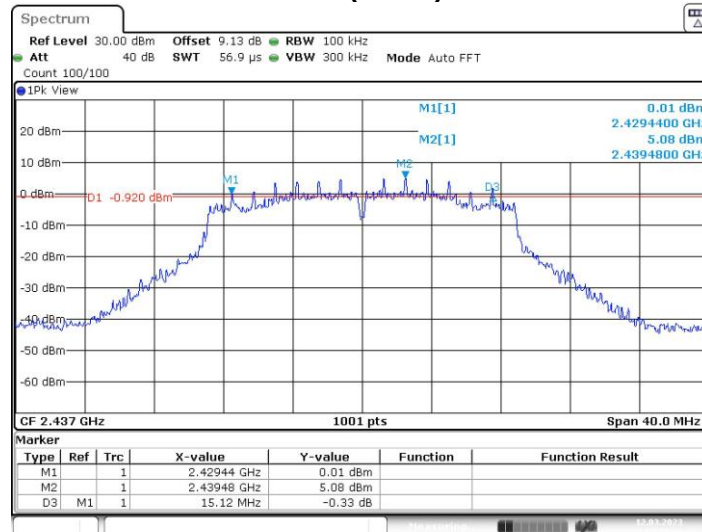
Date: 12.MAR.2023 11:56:40

CH06(ANT 1)



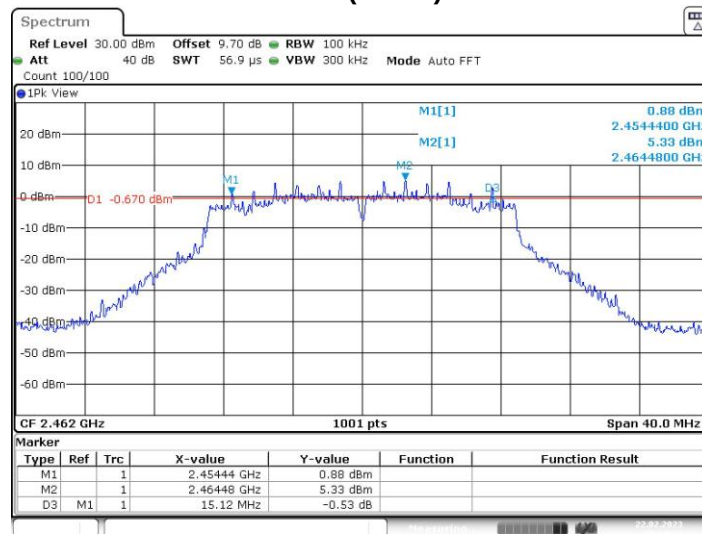
Date: 21.FEB.2023 14:36:18

CH06(ANT 2)



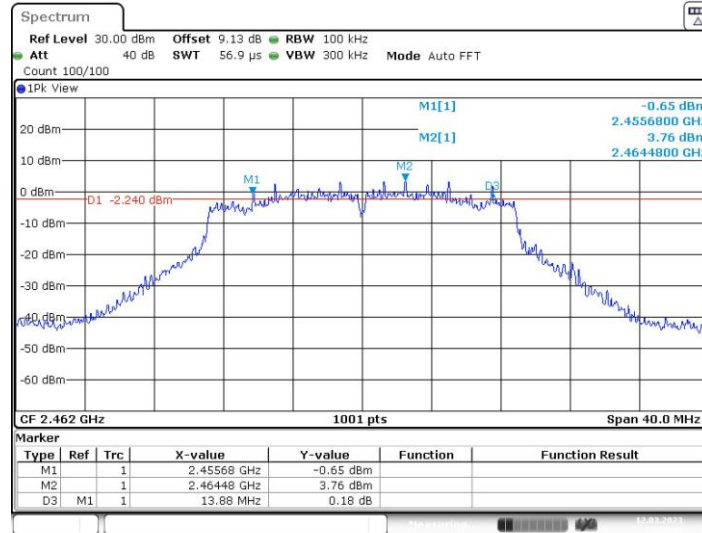
Date: 12.MAR.2023 12:22:23

CH11(ANT 1)



Date: 22.FEB.2023 15:28:37

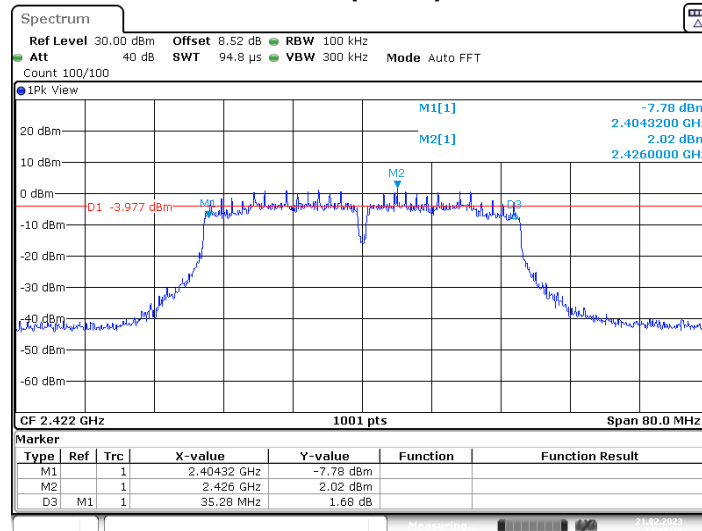
CH11(ANT 1)



Date: 12.MAR.2023 13:47:43

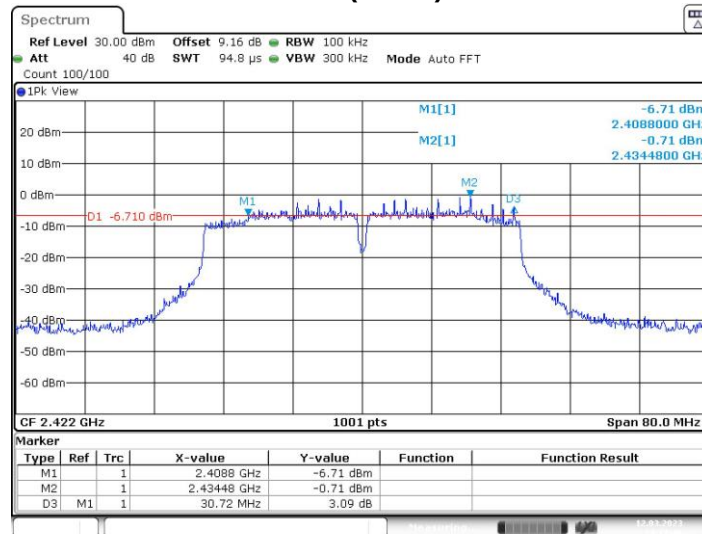
802.11N40 mode

CH03(ANT 1)



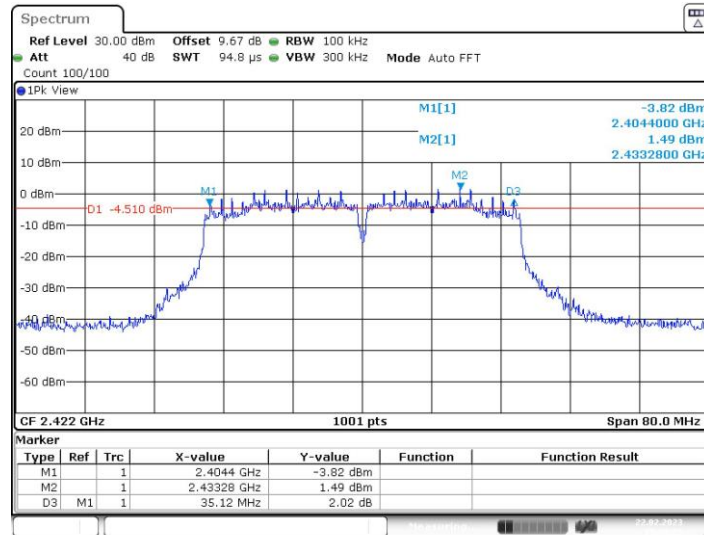
Date: 21.FEB.2023 14:50:16

CH03(ANT 2)



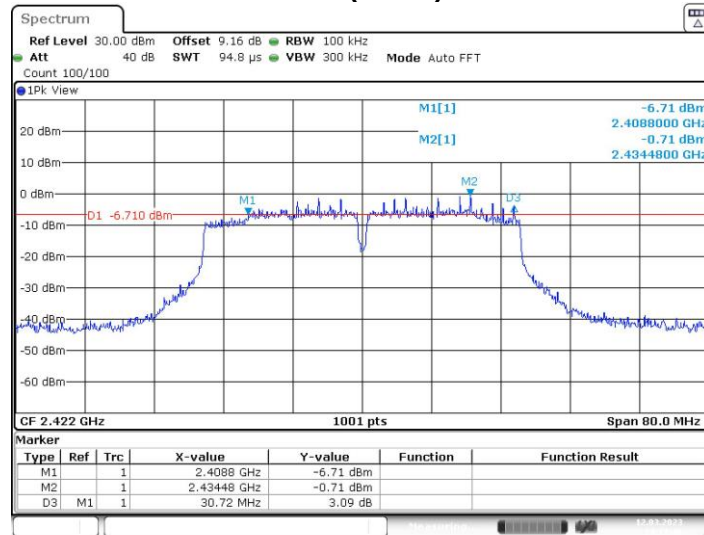
Date: 12.MAR.2023 14:11:48

CH06(ANT 1)



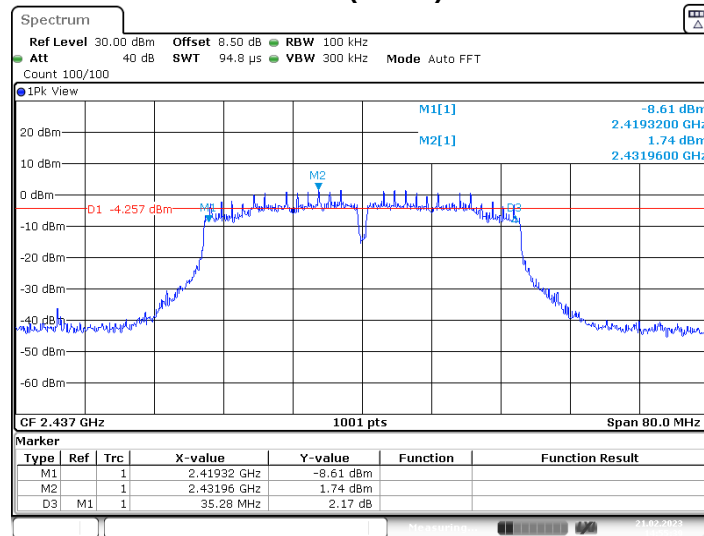
Date: 22.FEB.2023 15:29:25

CH06(ANT 2)



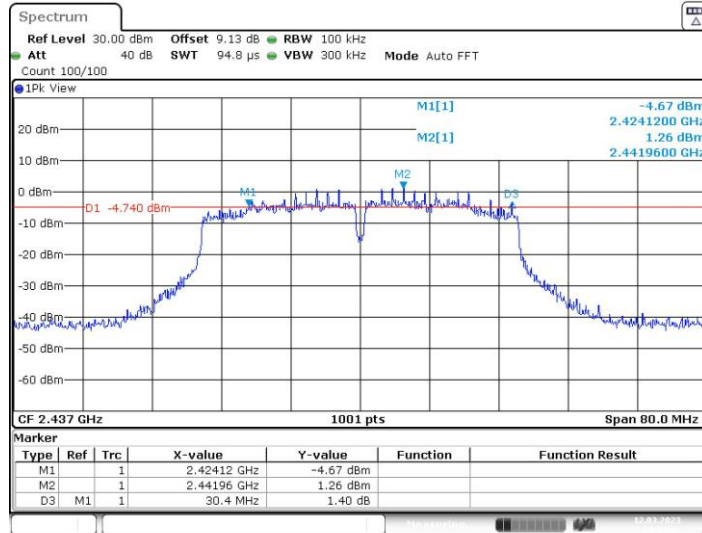
Date: 12.MAR.2023 14:11:48

CH09(ANT 1)



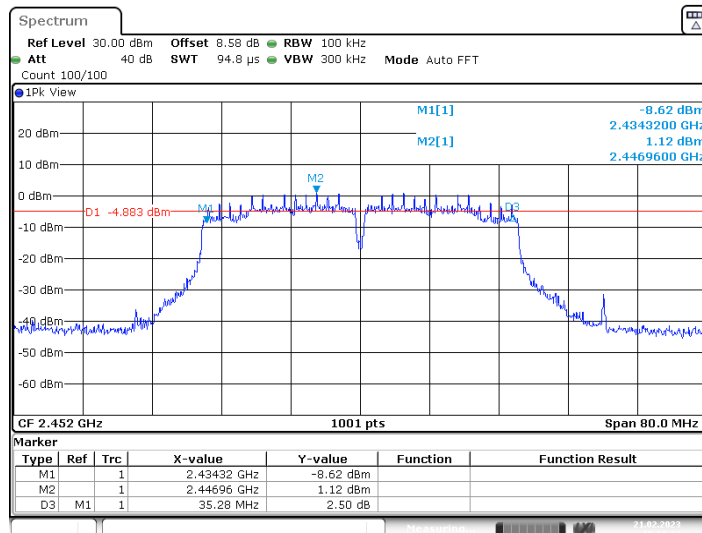
Date: 21.FEB.2023 14:55:39

CH09(ANT 2)



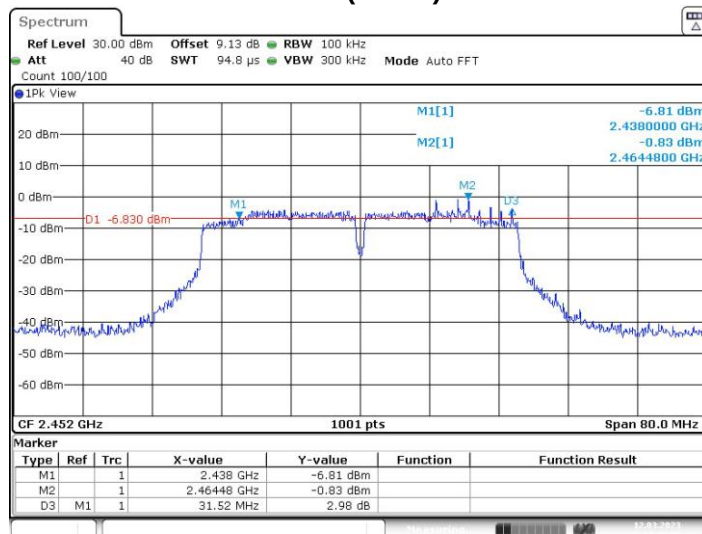
Date: 12.MAR.2023 14:32:42

CH09(ANT 1)



Date: 21.FEB.2023 15:00:11

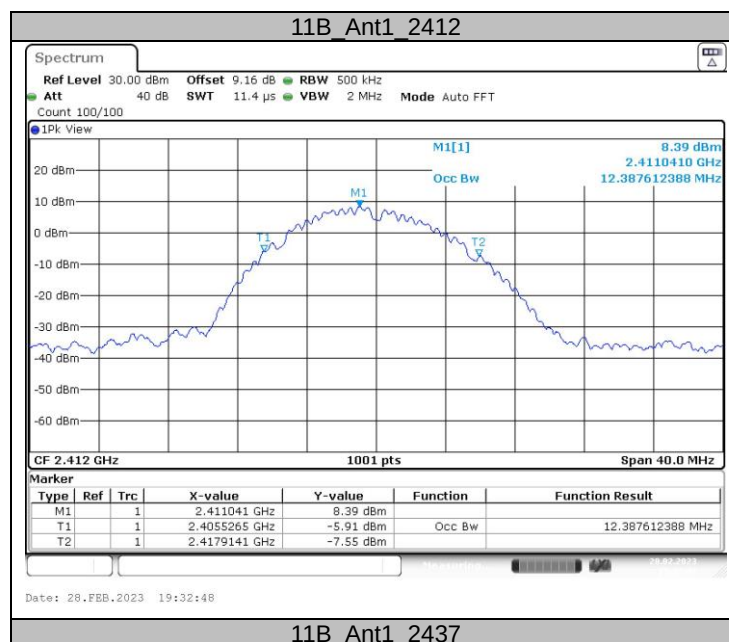
CH09(ANT 2)

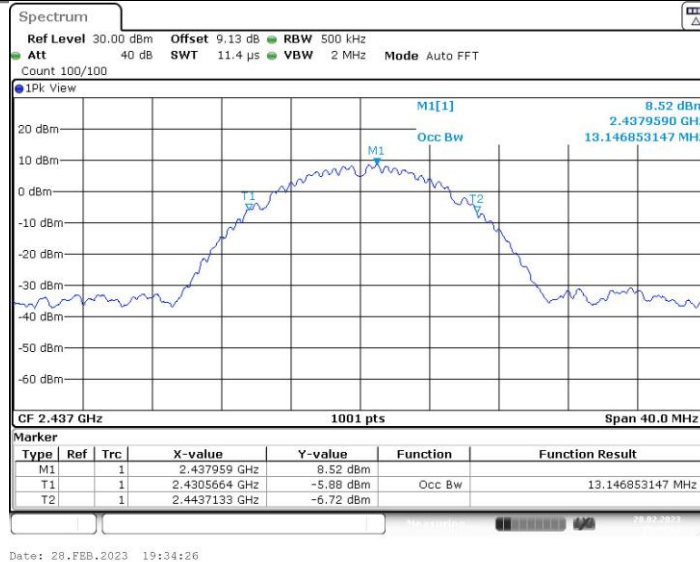


Date: 12.MAR.2023 14:48:09

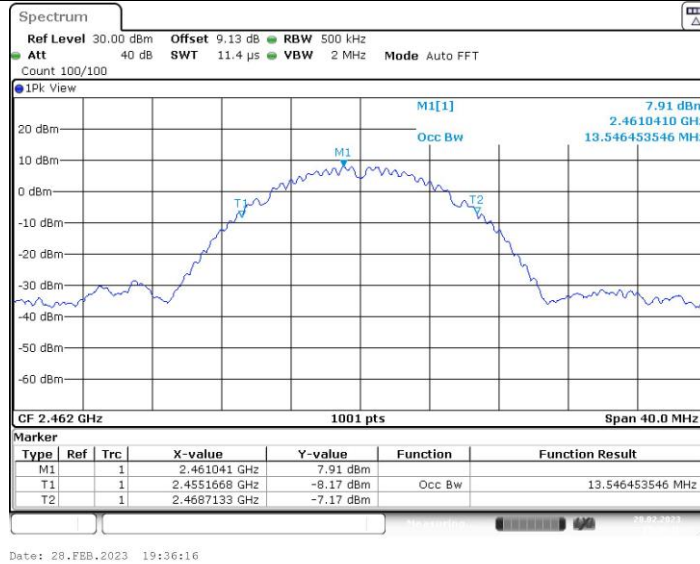
99 % Occupied Bandwidth

Test Mode		TX 802.11B Mode	
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz) ANT 1	99 % Occupied Bandwidth (MHz) ANT 2
01	2412	12.388	12.348
06	2437	13.147	13.147
11	2462	13.546	13.467
Test Mode		TX 802.11G Mode	
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz) ANT 1	99 % Occupied Bandwidth (MHz) ANT 2
01	2412	18.102	16.823
06	2437	17.303	17.023
11	2462	17.463	17.063
Test Mode		TX 802.11N20 Mode	
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz) ANT 1	99 % Occupied Bandwidth (MHz) ANT 2
01	2412	19.820	17.982
06	2437	18.022	17.942
11	2462	18.342	17.902
Test Mode		TX 802.11N40 Mode	
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz) ANT 1	99 % Occupied Bandwidth (MHz) ANT 2
03	2422	36.204	36.204
06	2437	35.884	36.044
09	2452	36.364	36.204

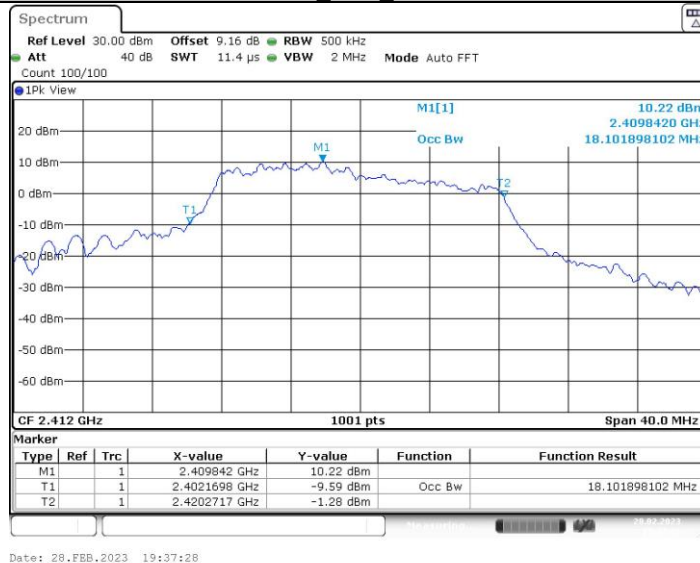




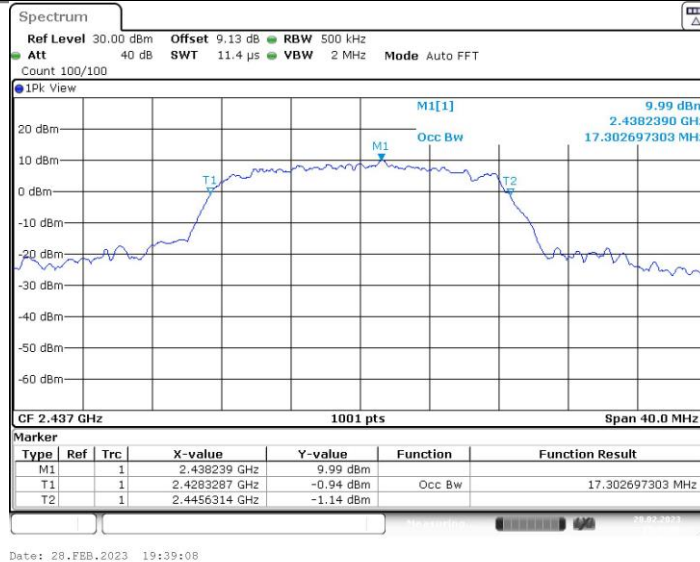
11B_Ant1_2462



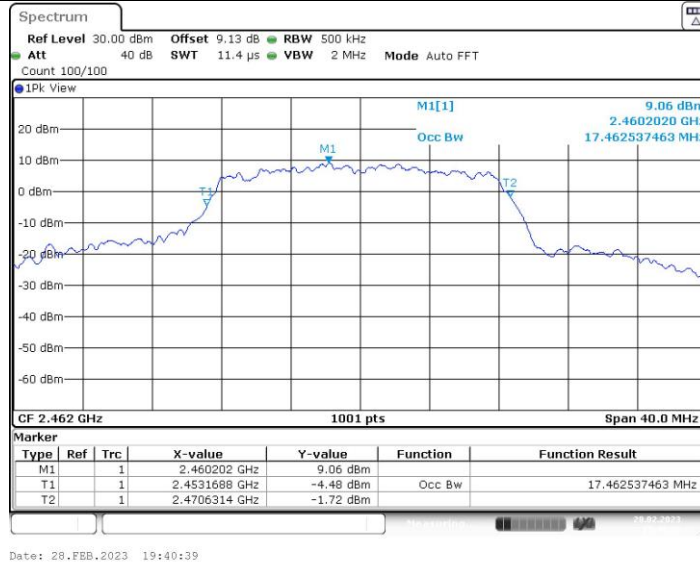
11G_Ant1_2412



11G_Ant1_2437



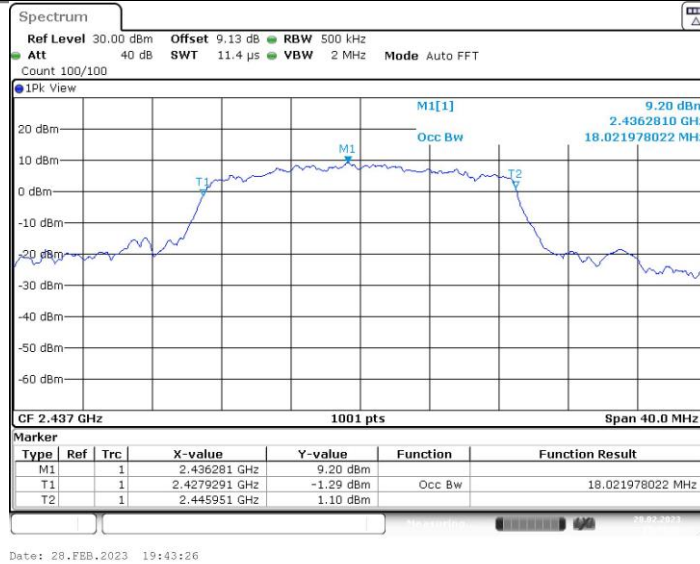
11G_Ant1_2462



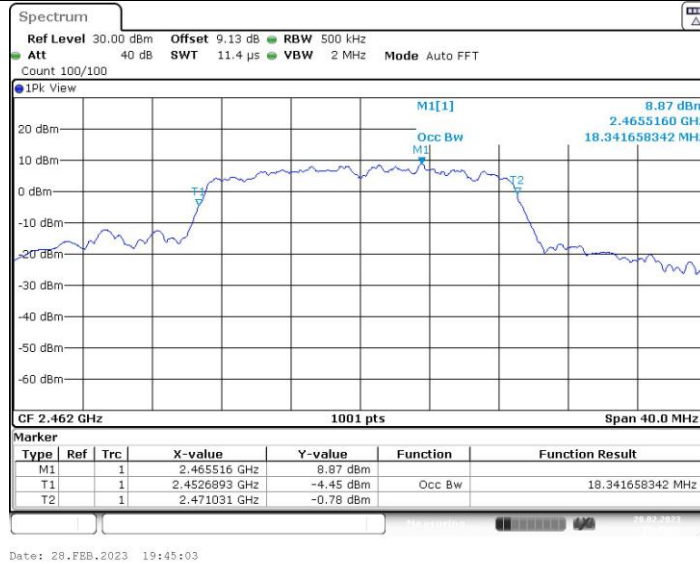
11N20SISO_Ant1_2412



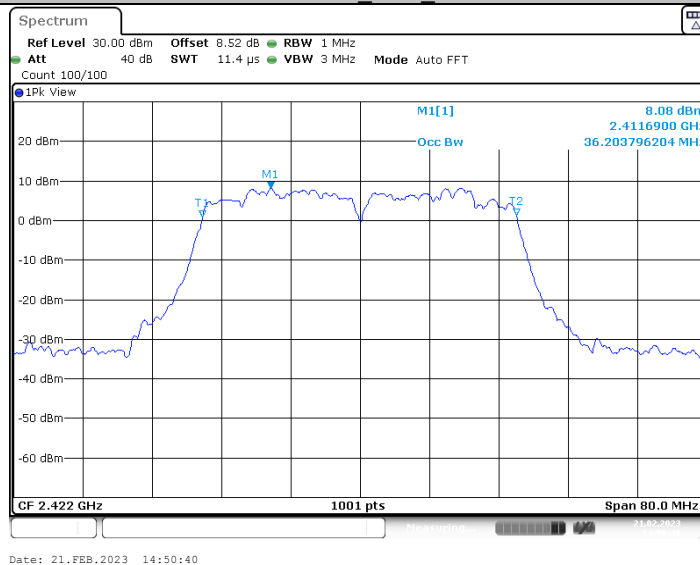
11N20SISO_Ant1_2437



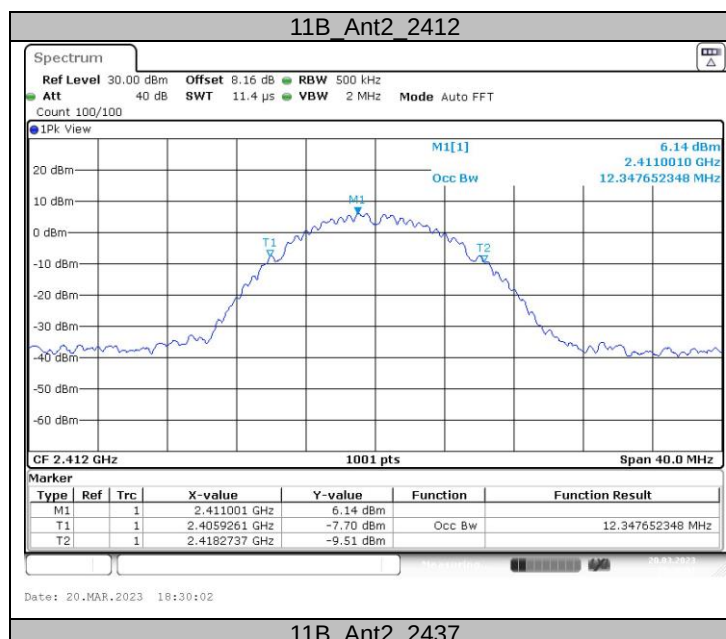
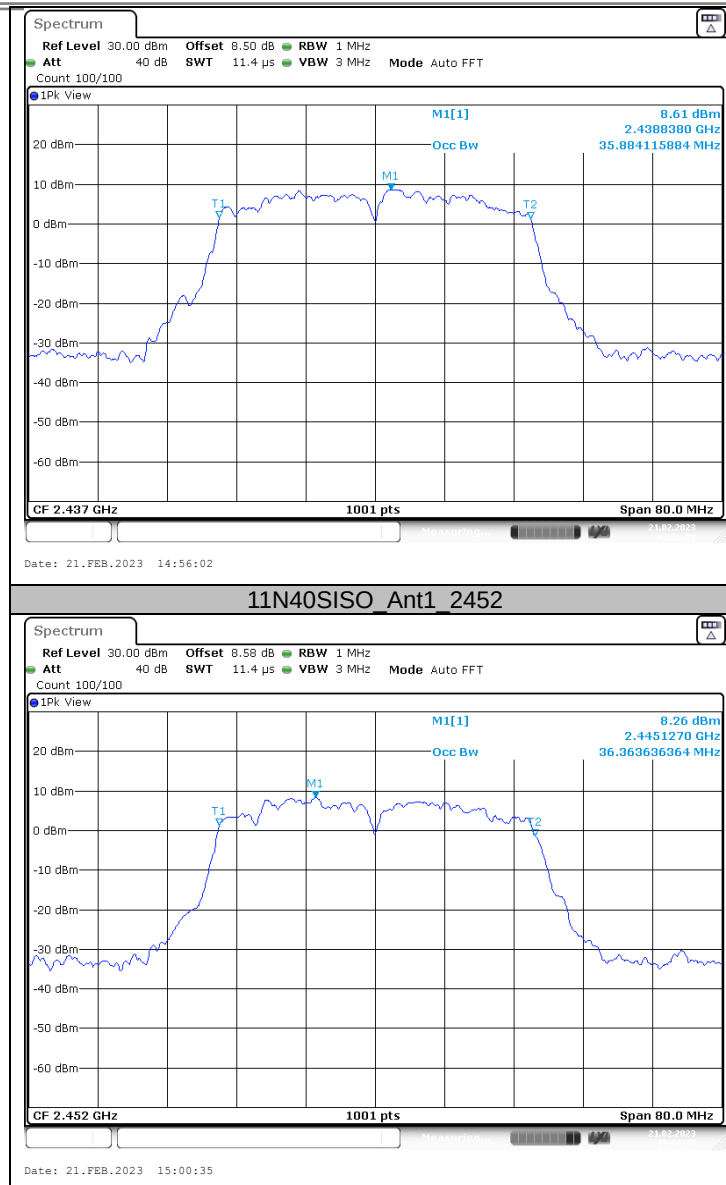
11N20SISO_Ant1_2462

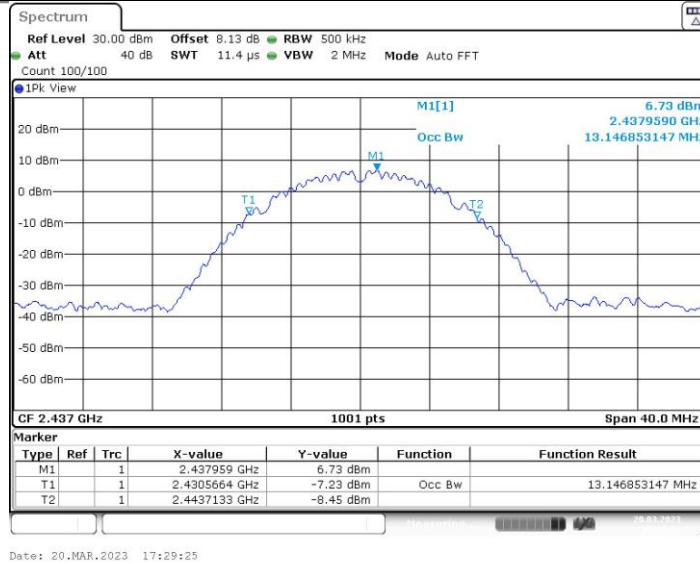


11N40SISO_Ant1_2422

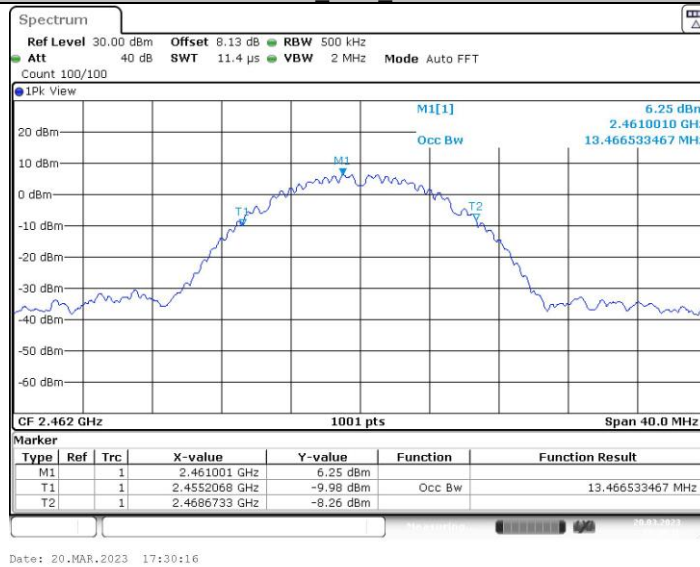


11N40SISO_Ant1_2437

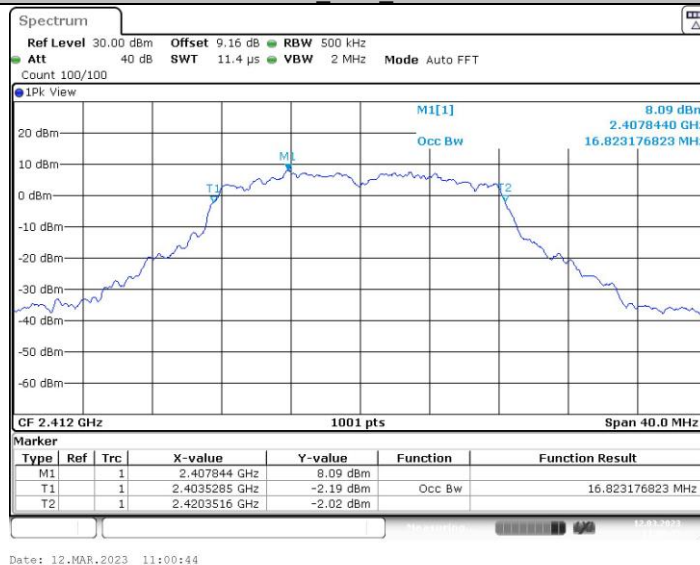




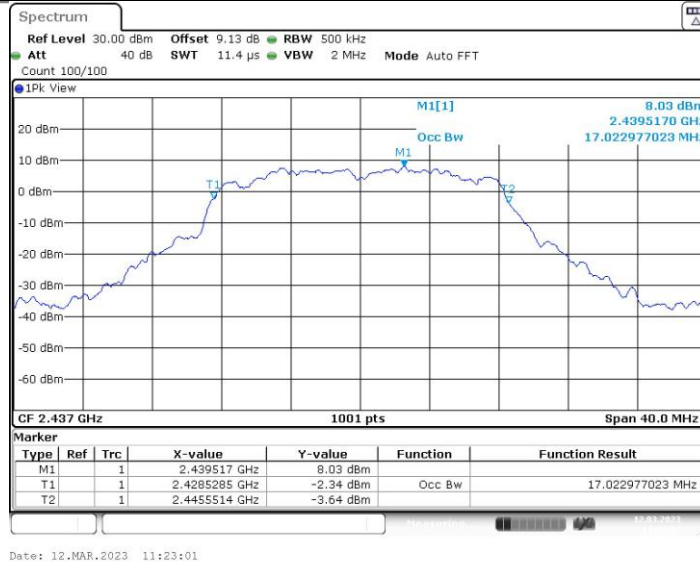
11B_Ant2_2462



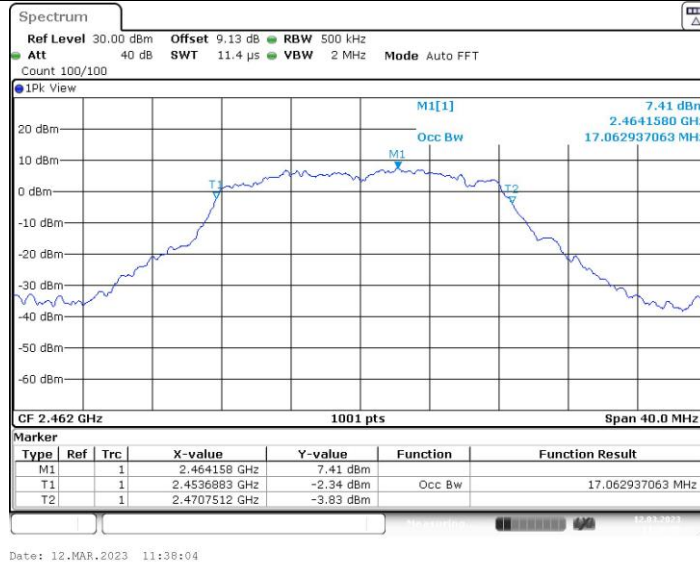
11G_Ant2_2412



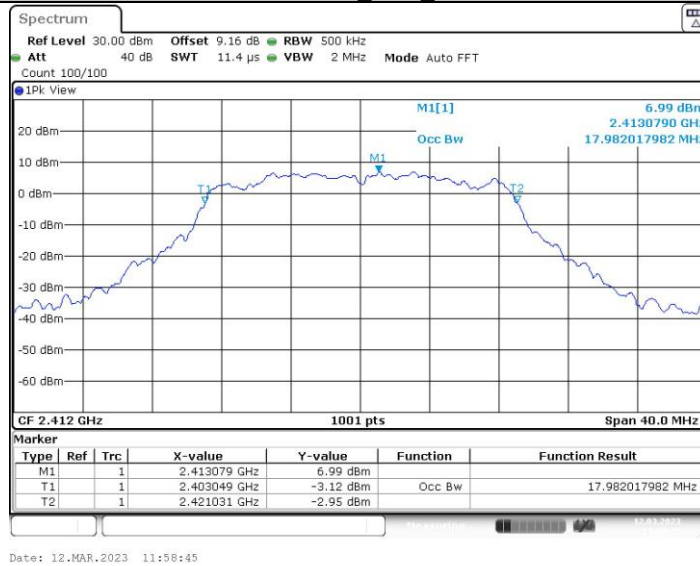
11G_Ant2_2437



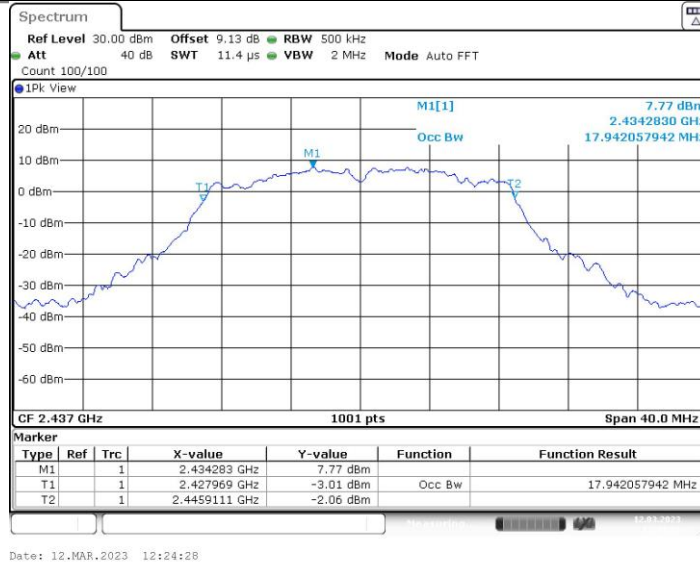
11G_Ant2_2462



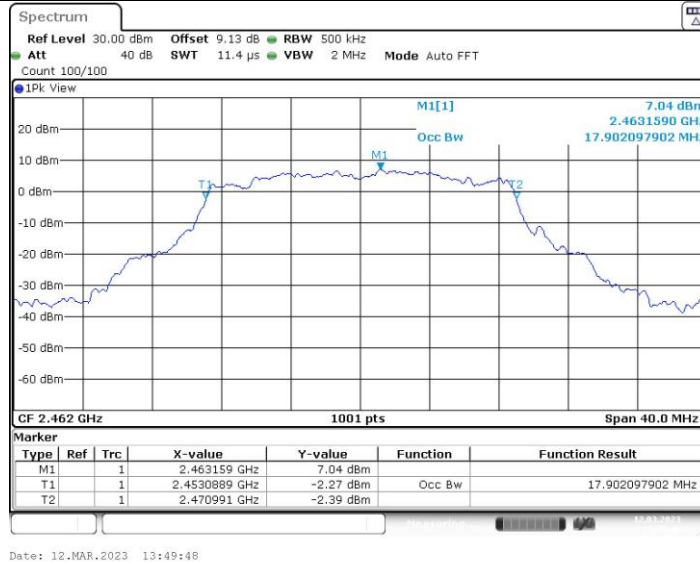
11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



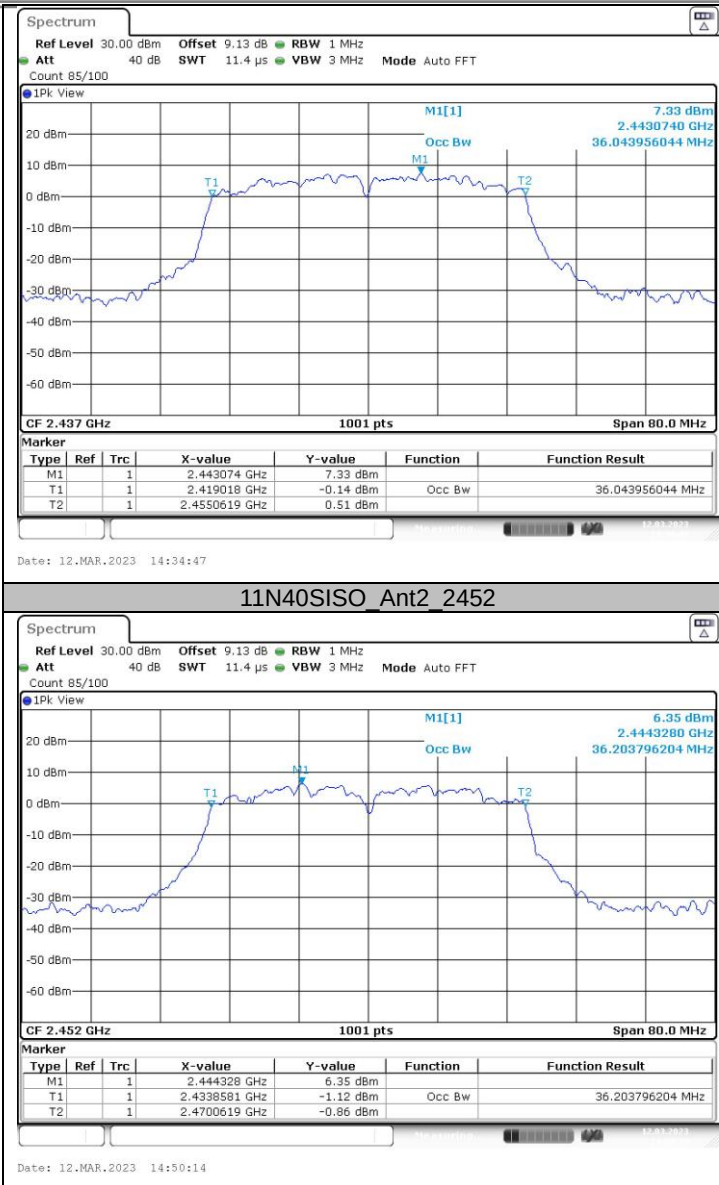
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



APPENDIX F - MAXIMUM PEAK OUTPUT POWER

Test Mode	TX B Mode_Ant. 1
-----------	------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit(W)	Result
01	2412	17.32	30.00	1.0000	Complies
06	2437	17.46	30.00	1.0000	Complies
11	2462	17.71	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit(W)	Result
01	2412	17.15	30.00	1.0000	Complies
06	2437	17.37	30.00	1.0000	Complies
11	2462	17.60	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1
-----------	------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit(W)	Result
01	2412	19.66	30.00	1.0000	Complies
06	2437	21.82	30.00	1.0000	Complies
11	2462	21.62	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit(W)	Result
01	2412	19.44	30.00	1.0000	Complies
06	2437	21.59	30.00	1.0000	Complies
11	2462	21.40	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.84	30.00	1.0000	Complies
06	2437	21.58	30.00	1.0000	Complies
11	2462	18.90	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.24	30.00	1.0000	Complies
06	2437	22.52	30.00	1.0000	Complies
11	2462	21.75	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.055	30.00	1.0000	Complies
06	2437	25.086	30.00	1.0000	Complies
11	2462	23.565	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	21.83	30.00	1.0000	Complies
06	2437	22.16	30.00	1.0000	Complies
09	2452	21.61	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2
-----------	------------------------

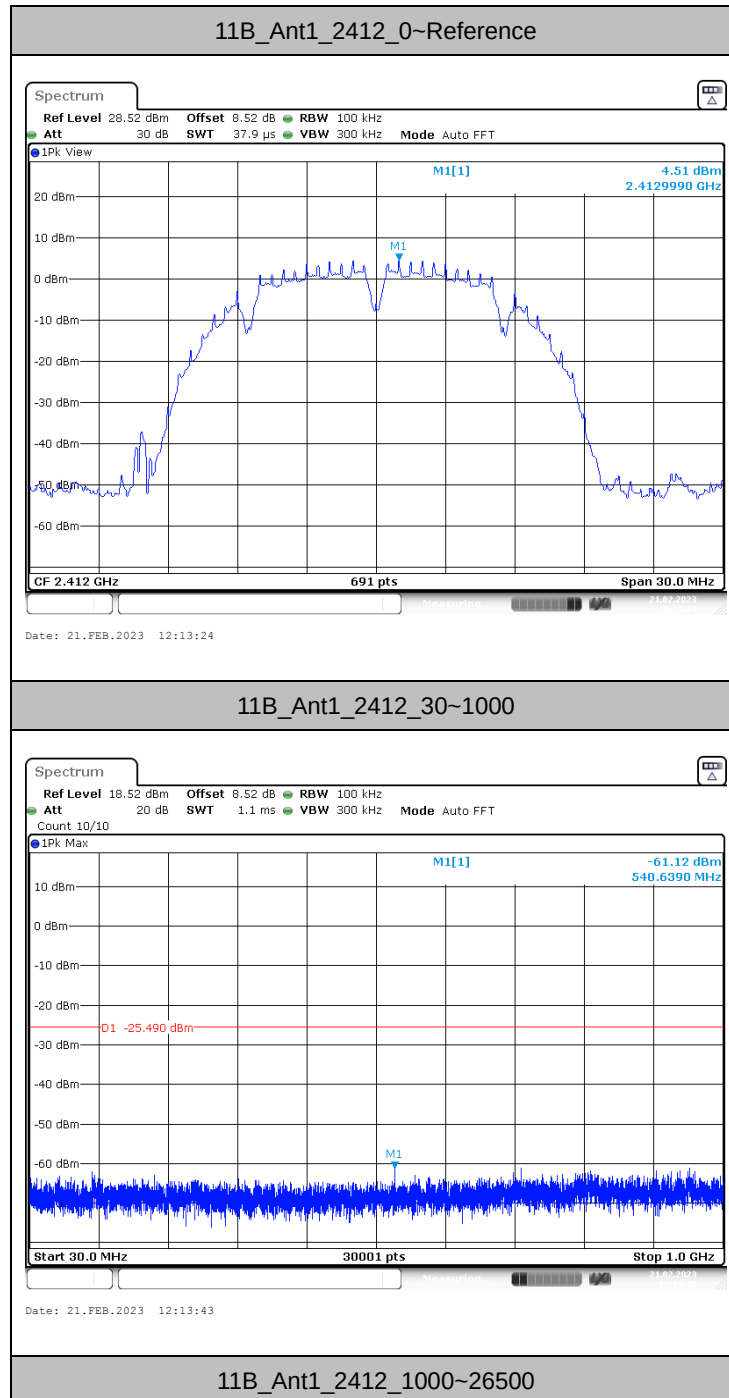
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	22.34	30.00	1.0000	Complies
06	2437	22.97	30.00	1.0000	Complies
09	2452	21.93	30.00	1.0000	Complies

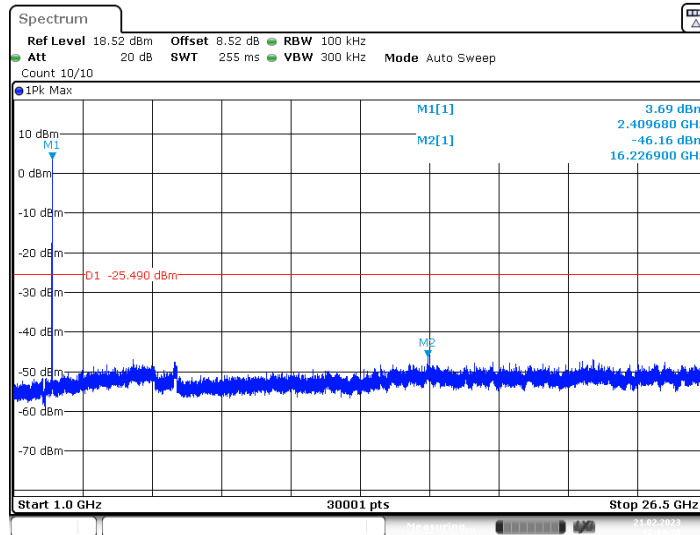
Test Mode	TX N(HT40) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit(W)	Result
03	2422	25.103	30.00	1.0000	Complies
06	2437	25.594	30.00	1.0000	Complies
09	2452	24.783	30.00	1.0000	Complies

Note: When duty cycle is less than 98% (0.98) that duty cycle factor $10\log(1/x)$ is needed to add in conducted test items measured in average detector. The record result has been added to the duty factor.

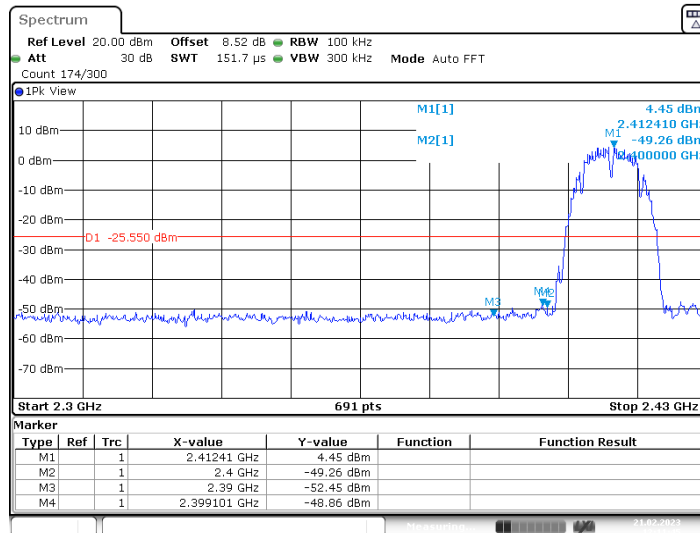
APPENDIX G - CONDUCTED SPURIOUS EMISSIONS





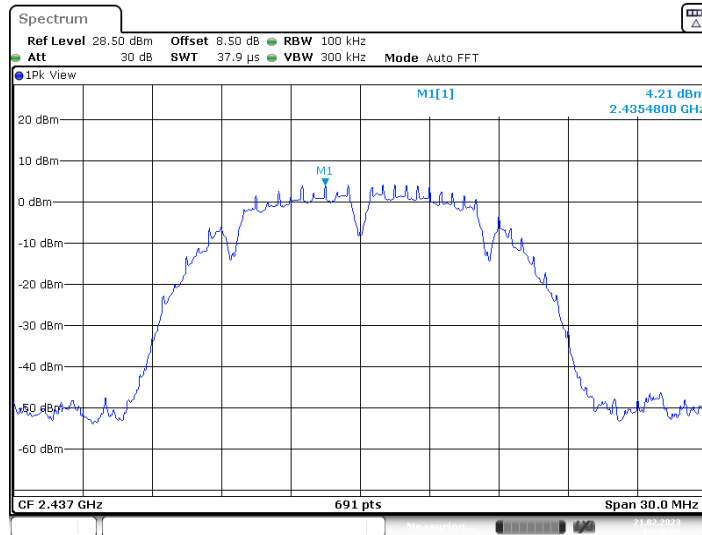
Date: 21.FEB.2023 12:14:20

11B_Ant1_Low_2412 Band edge

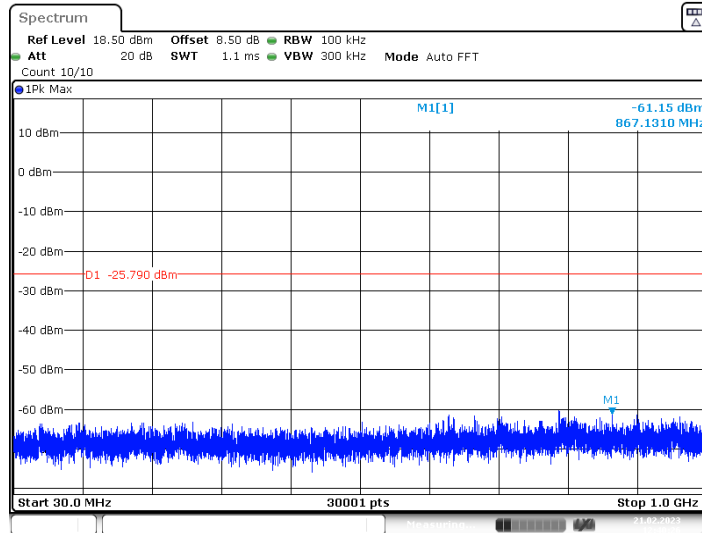


Date: 21.FEB.2023 12:11:45

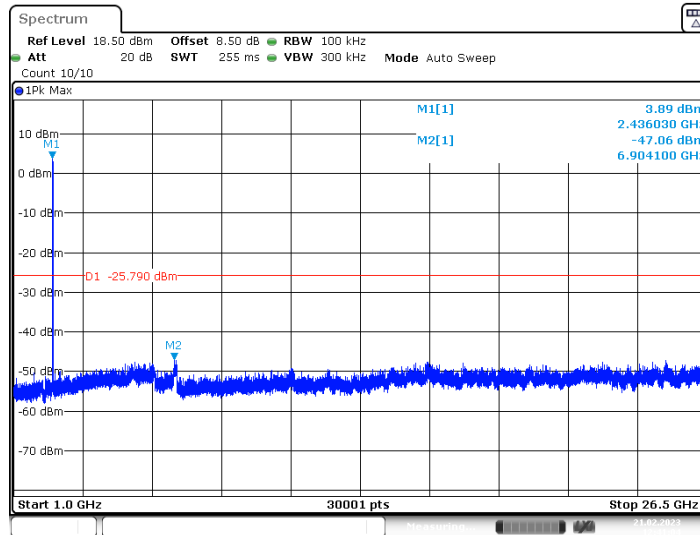
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

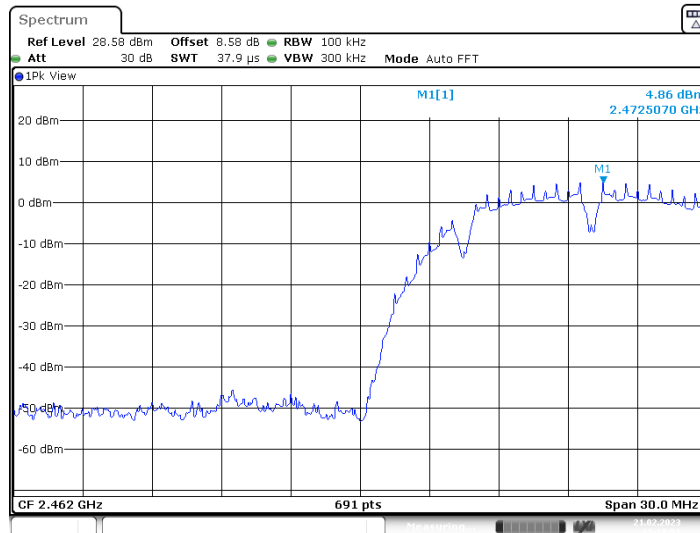


11B_Ant1_2437_1000~26500



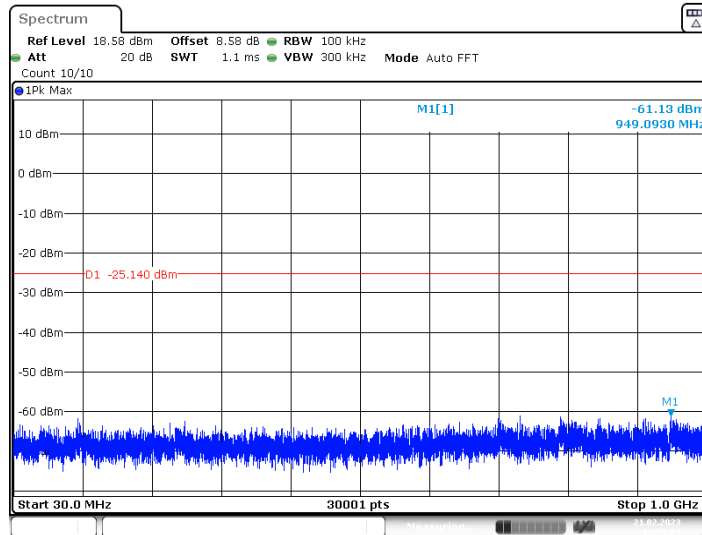
Date: 21.FEB.2023 12:41:03

11B_Ant1_2462_0~Reference

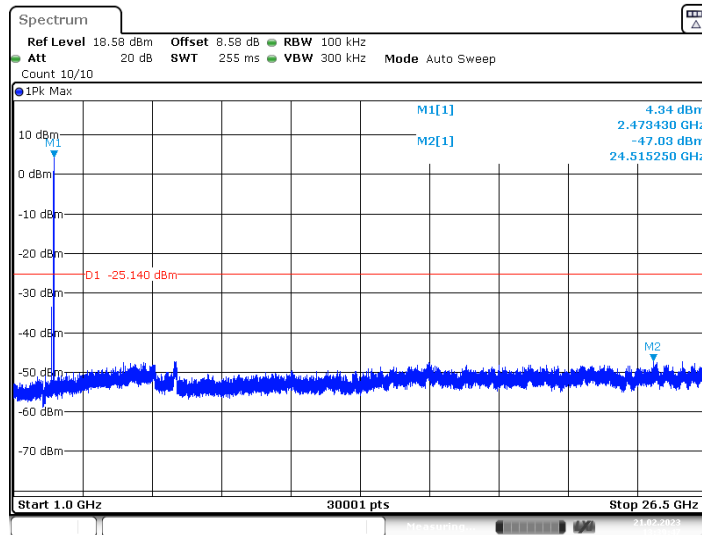


Date: 21.FEB.2023 13:38:51

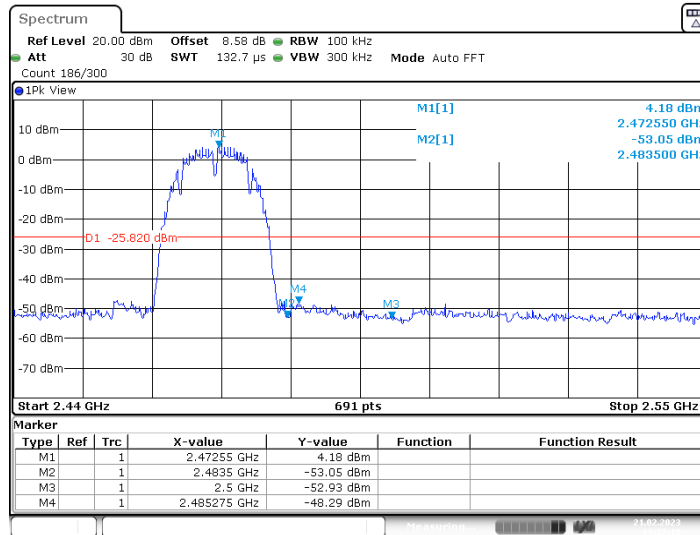
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

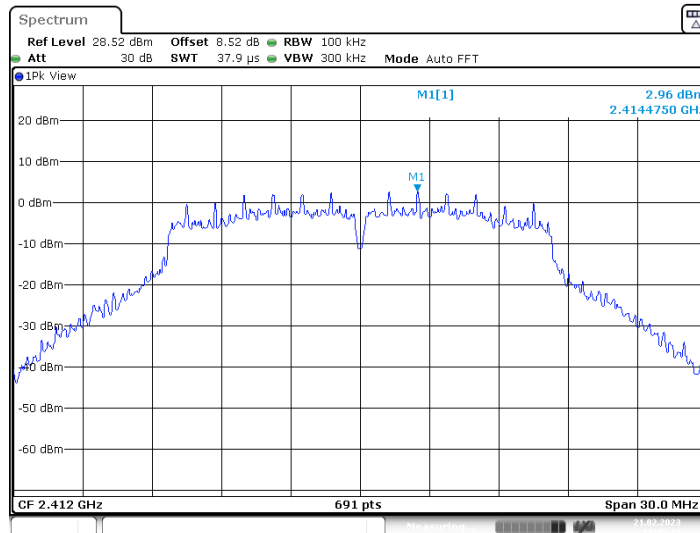


11B_Ant1_High_2462 Band edge



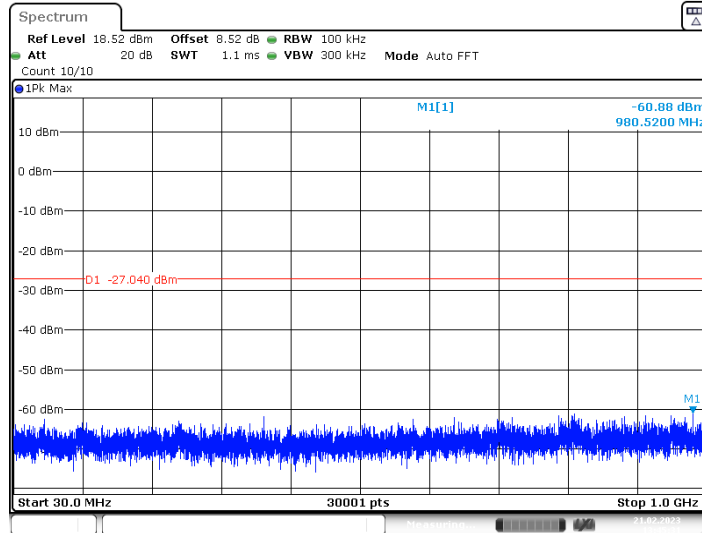
Date: 21.FEB.2023 13:37:15

11G_Ant1_2412_0~Reference

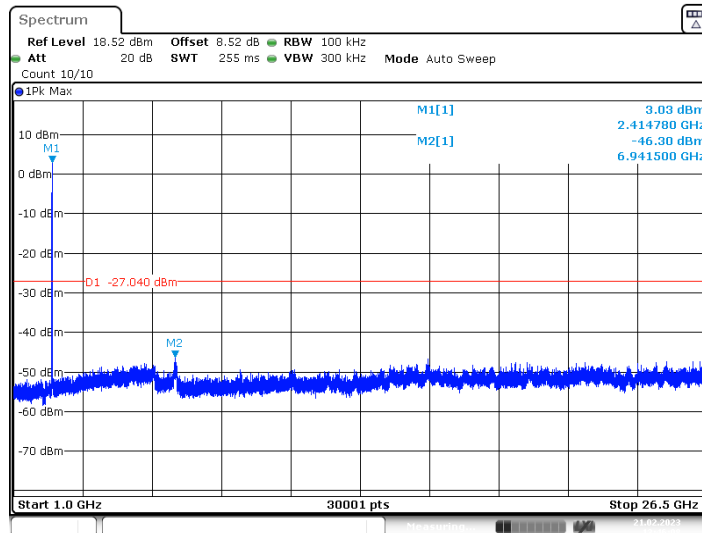


Date: 21.FEB.2023 13:45:13

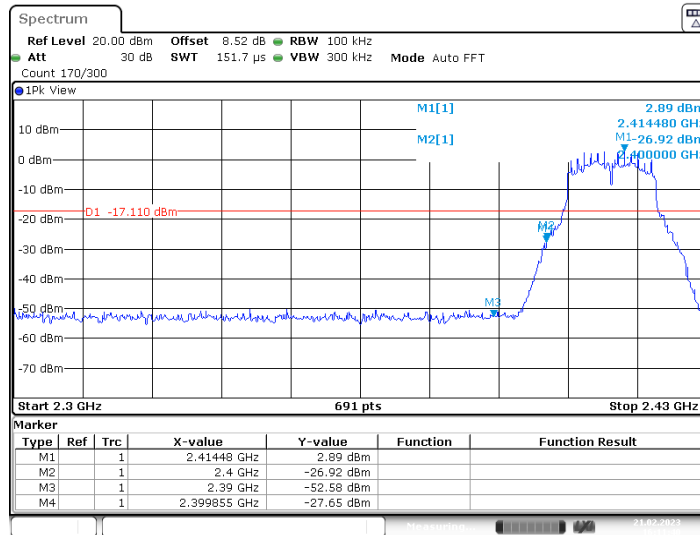
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

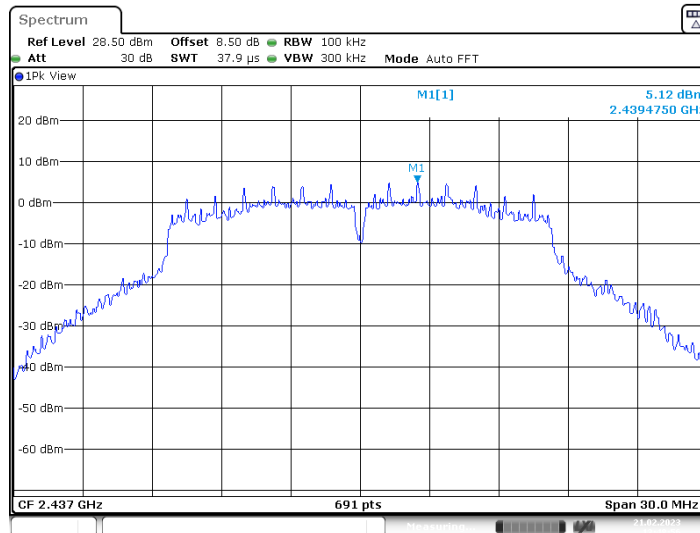


11G_Ant1_Low_2412 Band edge



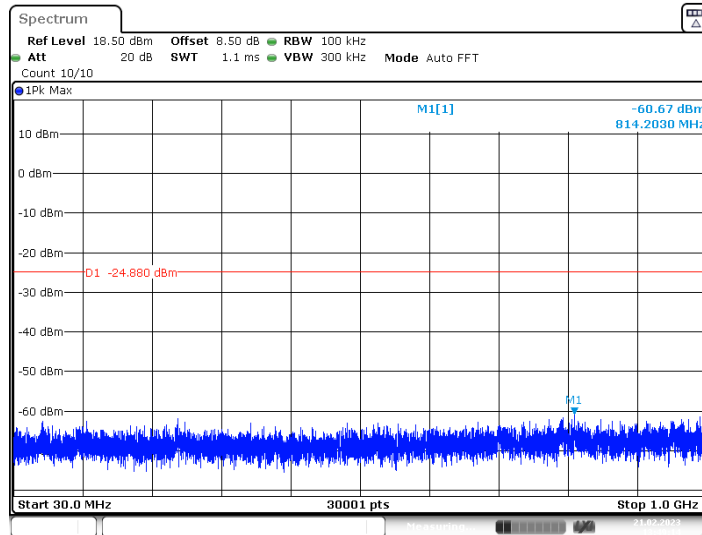
Date: 21.FEB.2023 16:11:40

11G_Ant1_2437_0~Reference



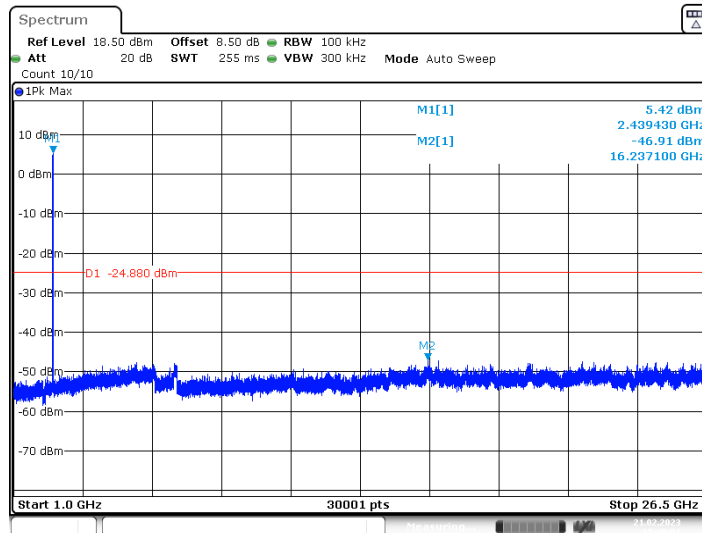
Date: 21.FEB.2023 13:48:57

11G_Ant1_2437_30~1000



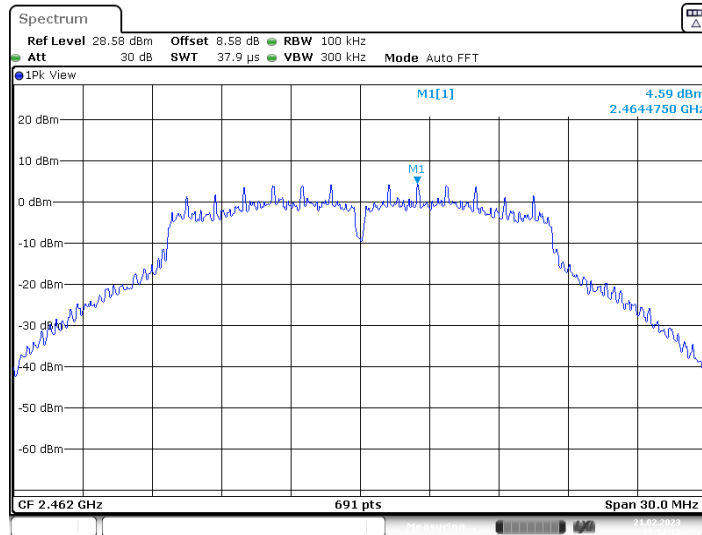
Date: 21.FEB.2023 13:49:15

11G_Ant1_2437_1000~26500



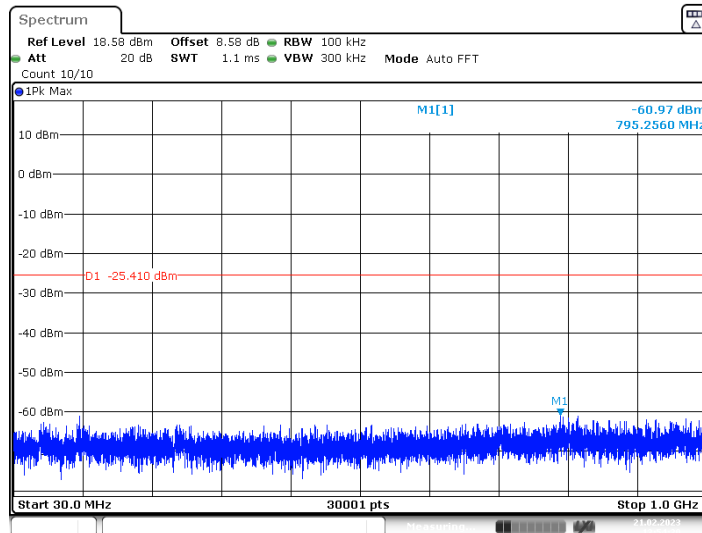
Date: 21.FEB.2023 13:49:52

11G_Ant1_2462_0~Reference



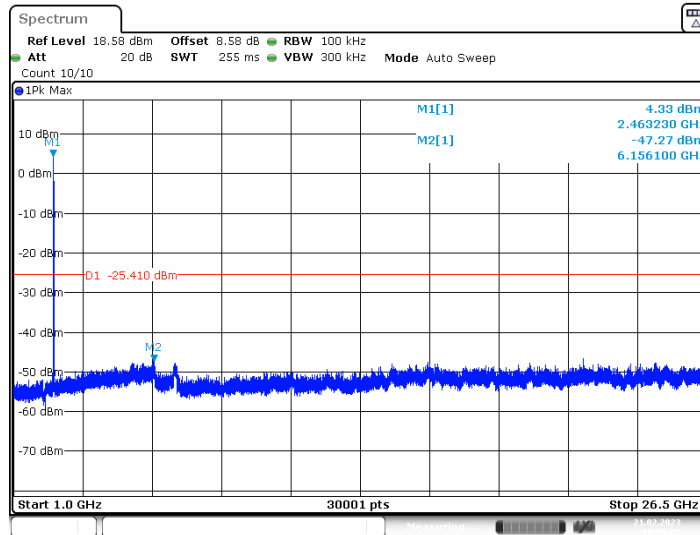
Date: 21.FEB.2023 13:54:11

11G_Ant1_2462_30~1000



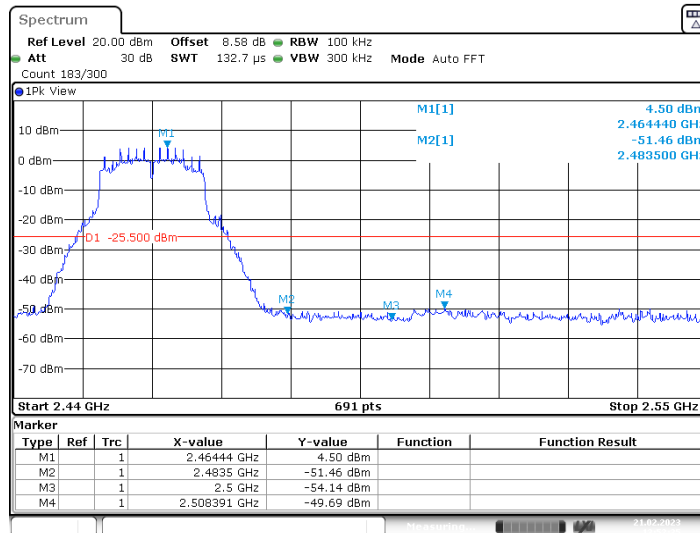
Date: 21.FEB.2023 13:54:29

11G_Ant1_2462_1000~26500



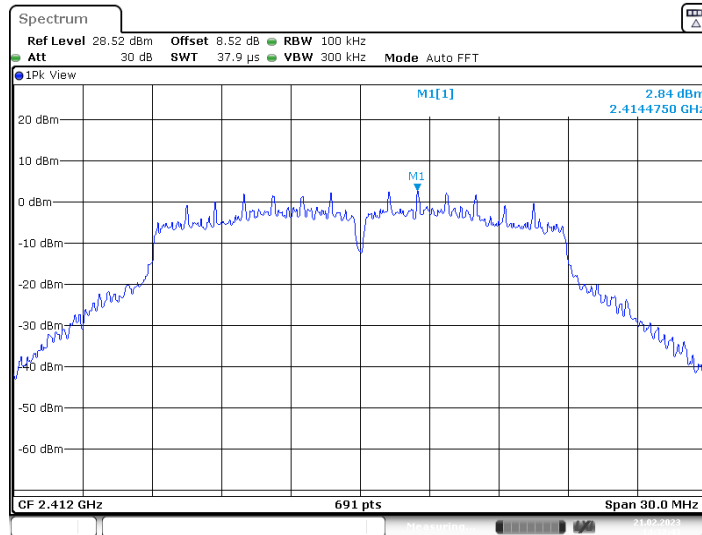
Date: 21.FEB.2023 13:55:07

11G_Ant1_High_2462 Band edge

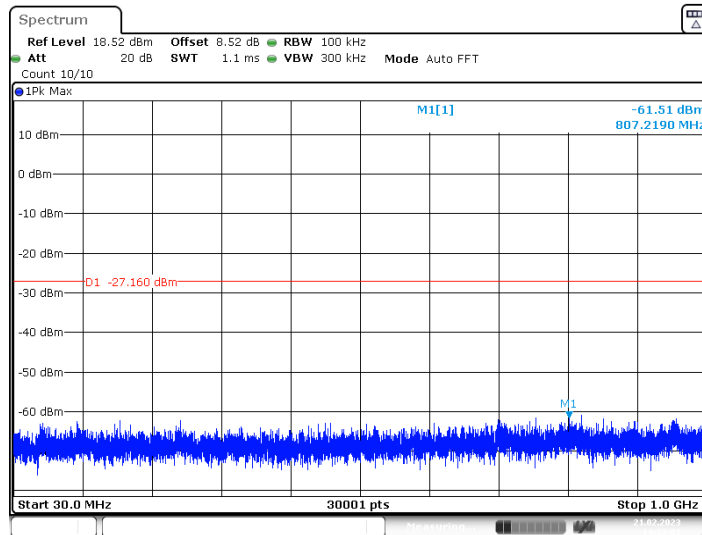


Date: 21.FEB.2023 13:52:34

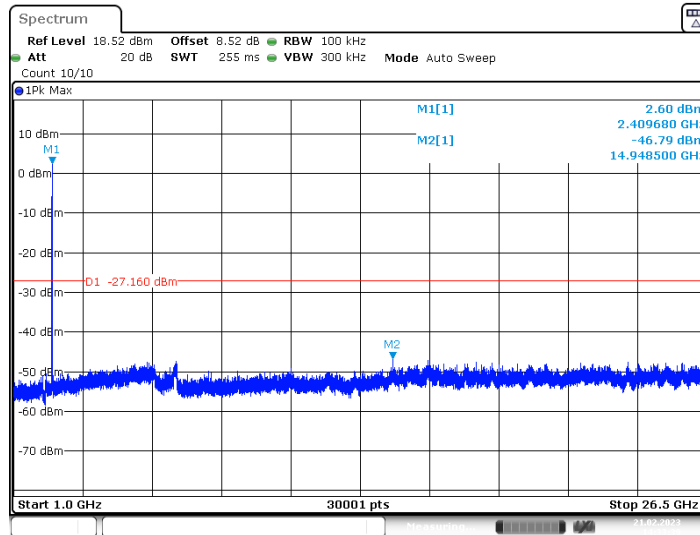
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

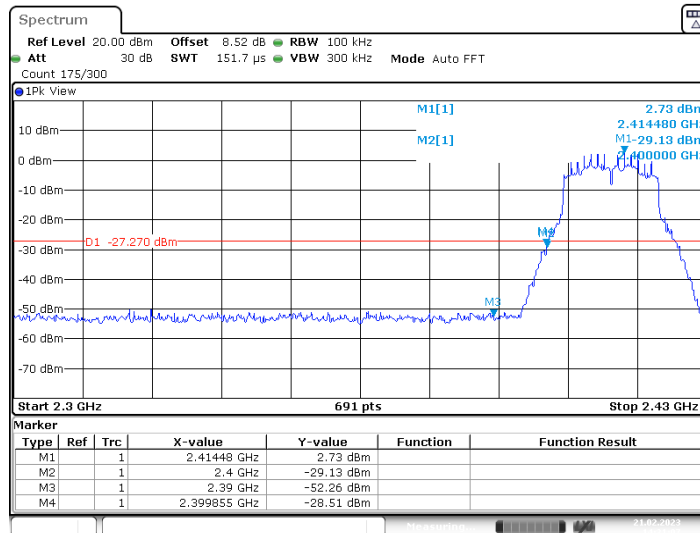


11N20SISO_Ant1_2412_1000~26500



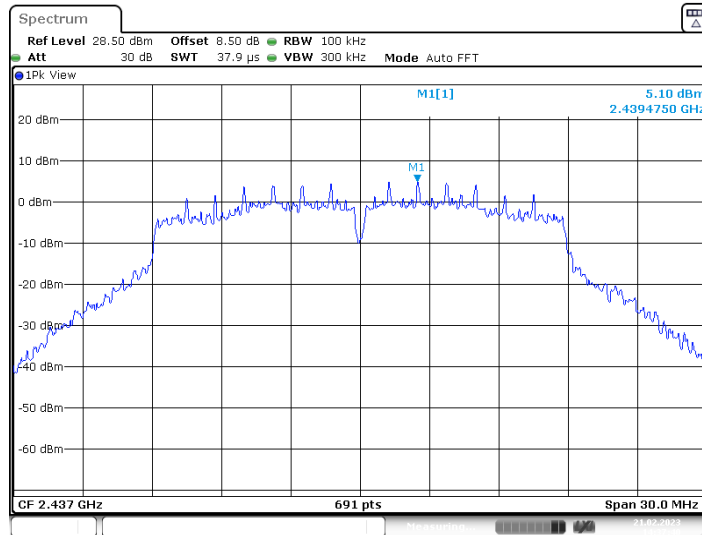
Date: 21.FEB.2023 14:33:39

11N20SISO_Ant1_Low_2412 Band edge



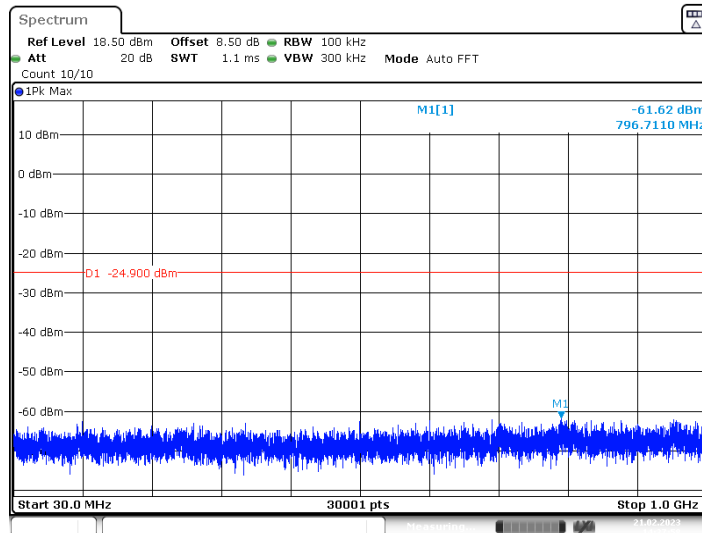
Date: 21.FEB.2023 14:31:07

11N20SISO_Ant1_2437_0~Reference



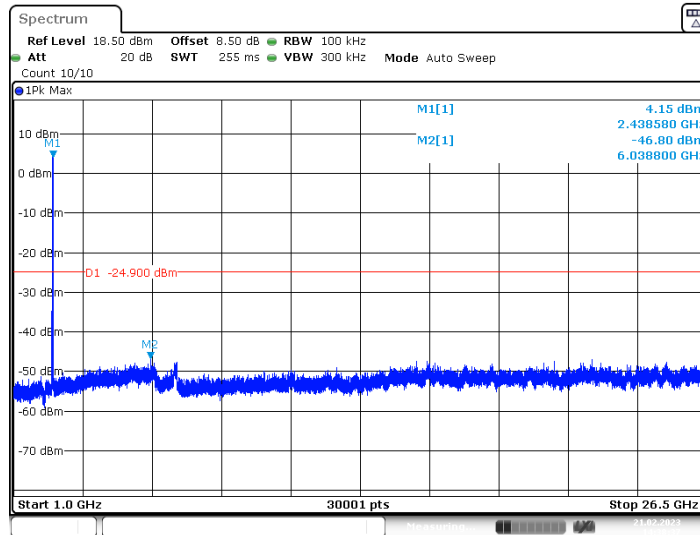
Date: 21.FEB.2023 14:37:41

11N20SISO_Ant1_2437_30~1000



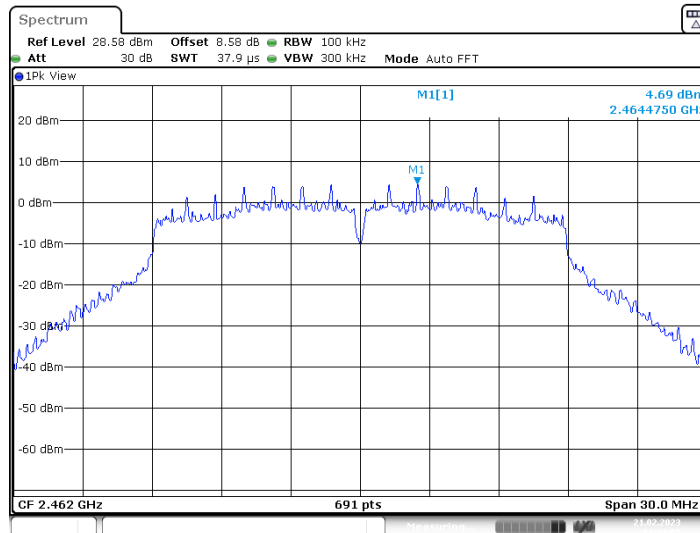
Date: 21.FEB.2023 14:37:59

11N20SISO_Ant1_2437_1000~26500



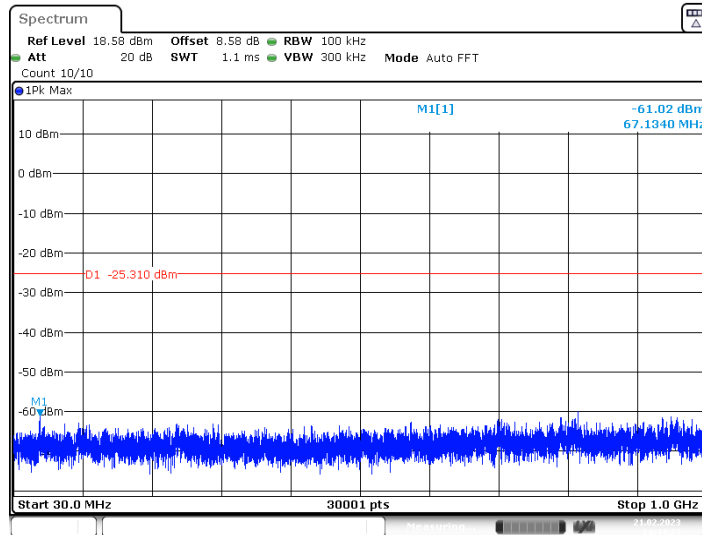
Date: 21.FEB.2023 14:38:36

11N20SISO_Ant1_2462_0~Reference



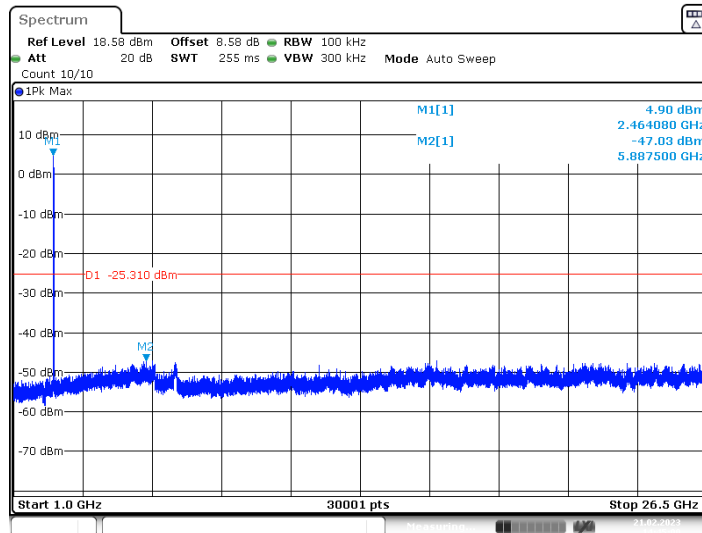
Date: 21.FEB.2023 14:44:04

11N20SISO_Ant1_2462_30~1000



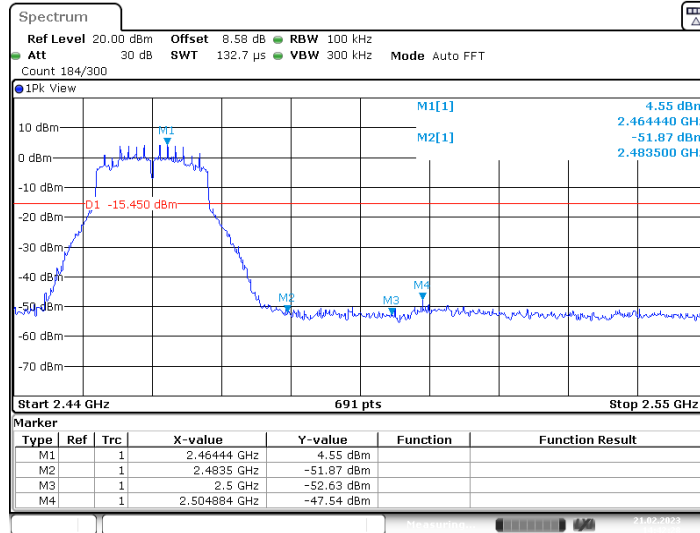
Date: 21.FEB.2023 14:44:22

11N20SISO_Ant1_2462_1000~26500



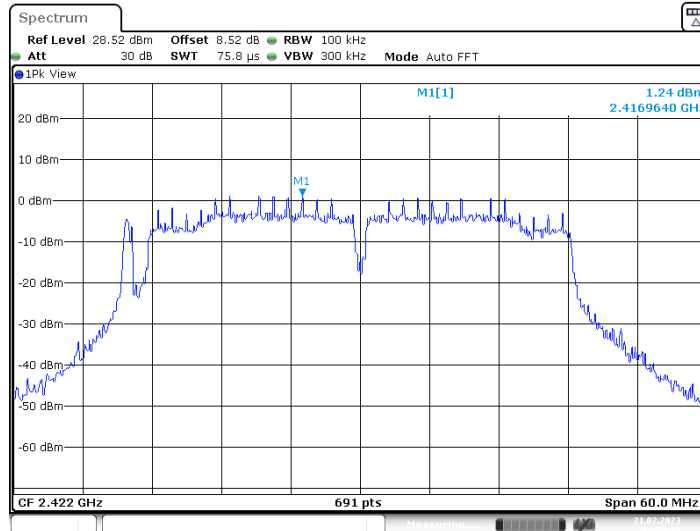
Date: 21.FEB.2023 14:45:00

11N20_Ant1_High_2462 Band edge



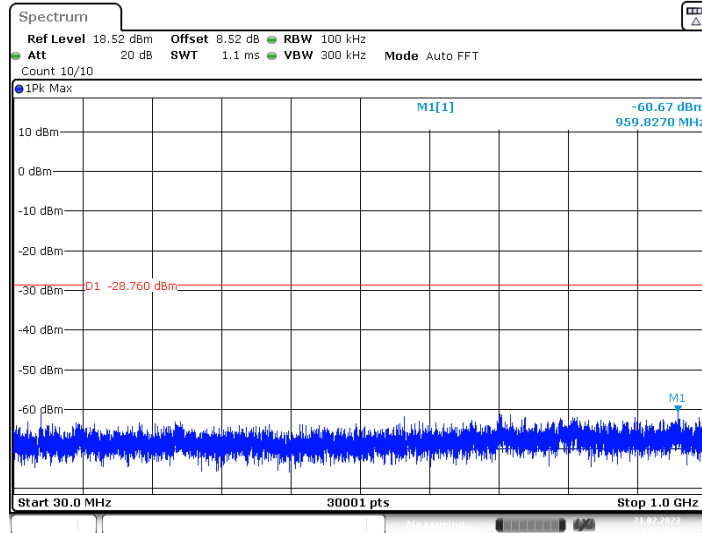
Date: 21.FEB.2023 14:42:28

11N40SISO_Ant1_2422_0~Reference



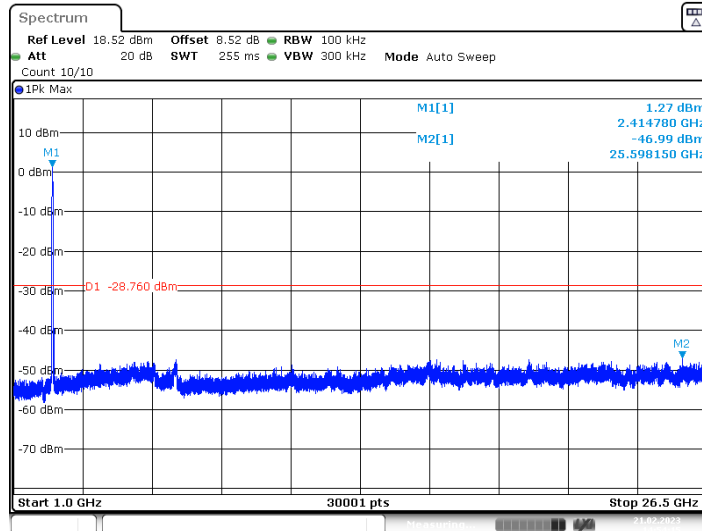
Date: 21.FEB.2023 14:53:19

11N40SISO_Ant1_2422_30~1000



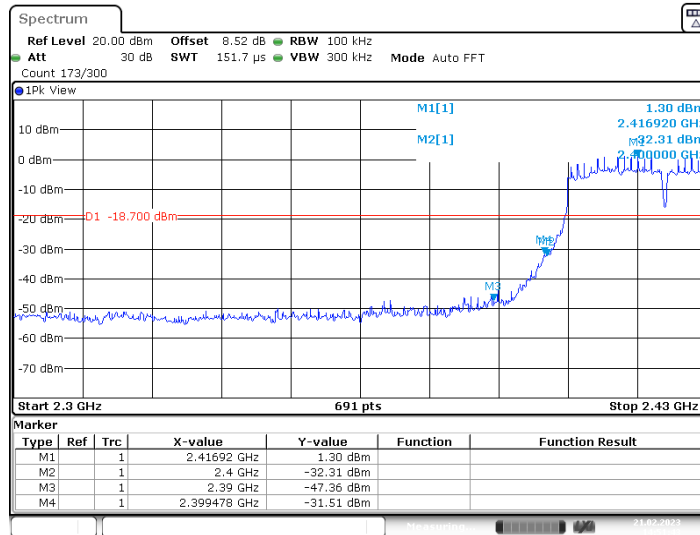
Date: 21.FEB.2023 14:53:37

11N40SISO_Ant1_2422_1000~26500

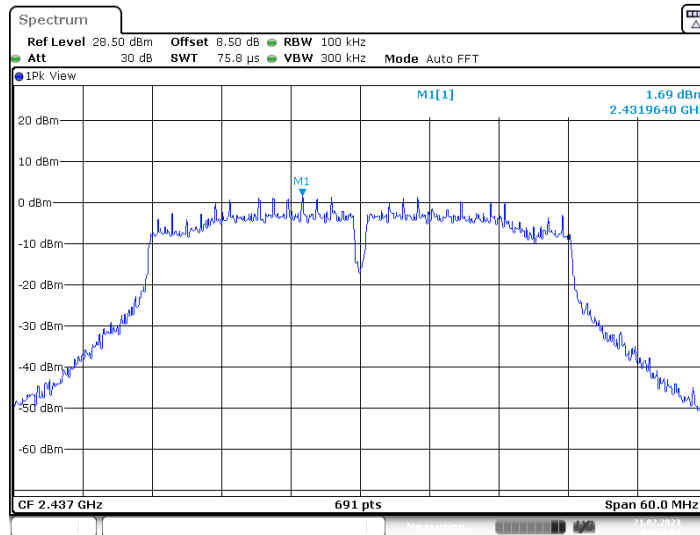


Date: 21.FEB.2023 14:54:15

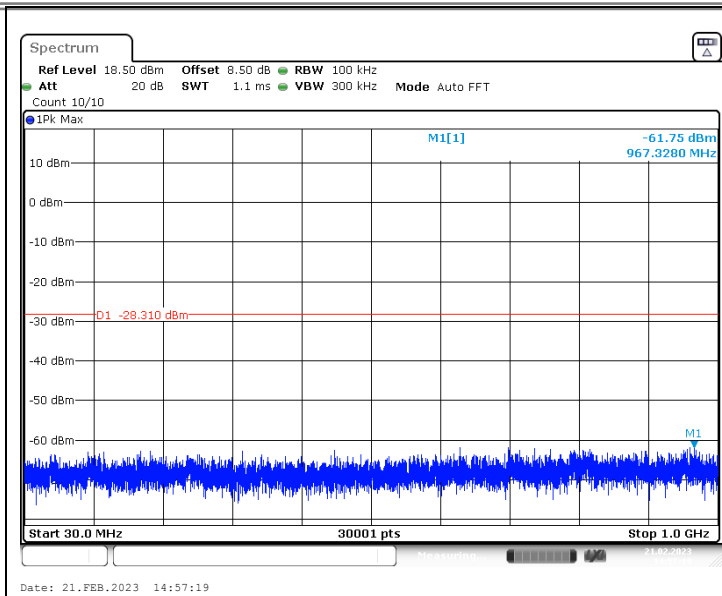
11N40SISO_Ant1_Low_2422 Band edge



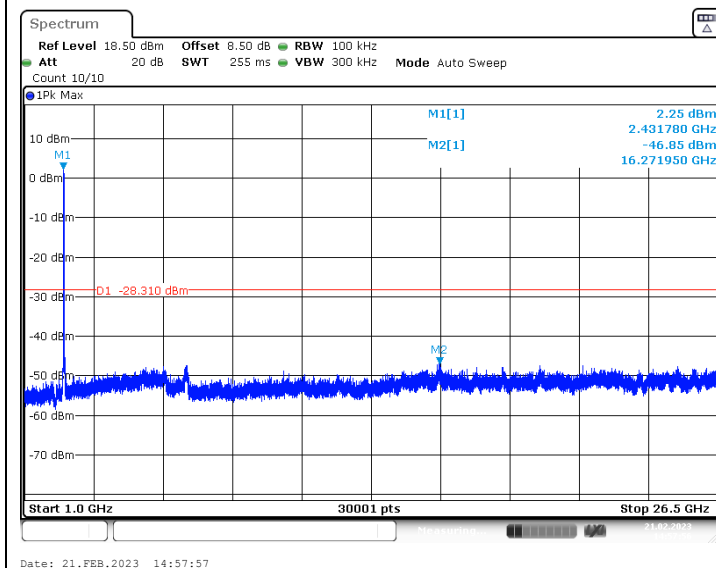
11N40SISO_Ant1_2437_0~Reference



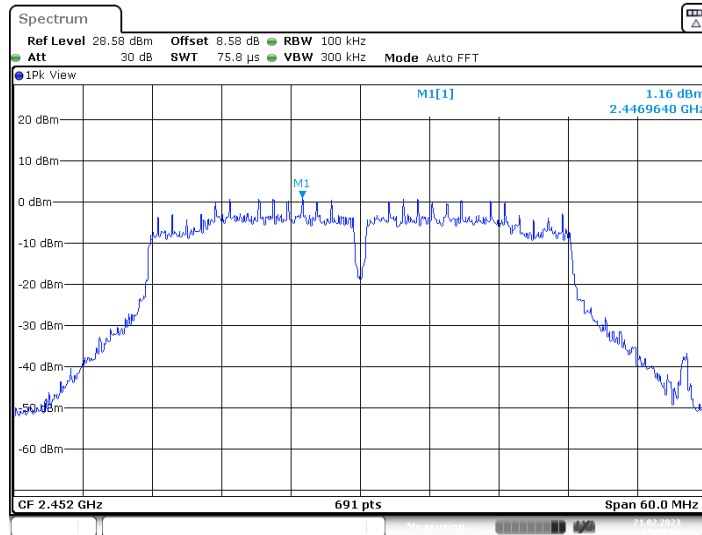
11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500

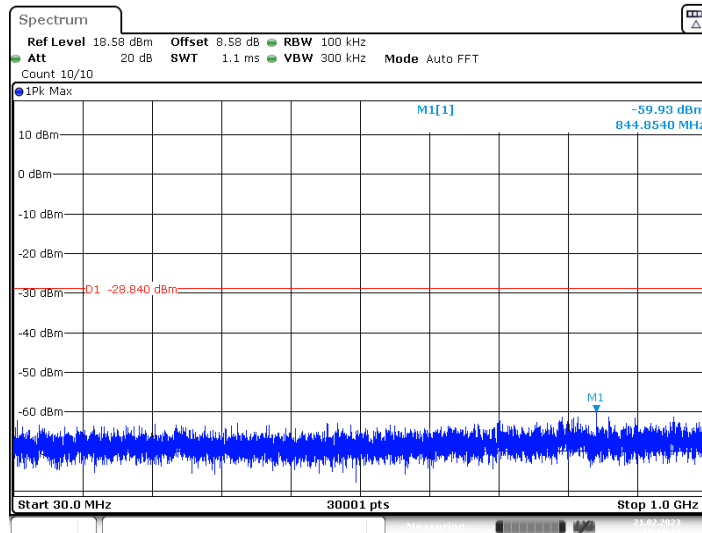


11N40SISO_Ant1_2452_0~Reference



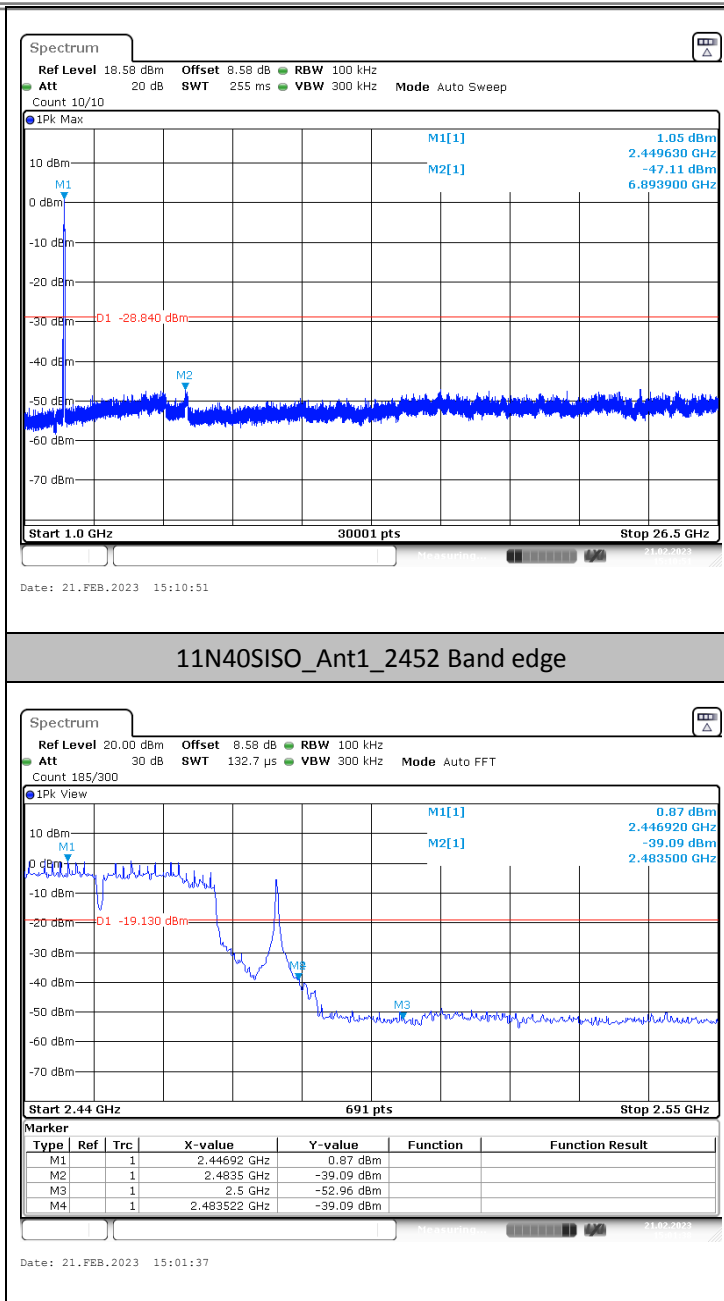
Date: 21.FEB.2023 15:09:55

11N40SISO_Ant1_2452_30~1000



Date: 21.FEB.2023 15:10:14

11N40SISO_Ant1_2452_1000~26500

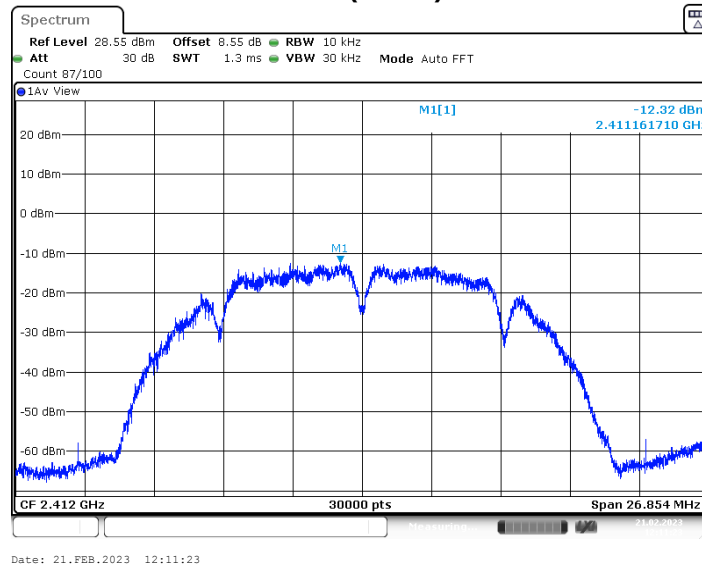


APPENDIX H - POWER SPECTRAL DENSITY

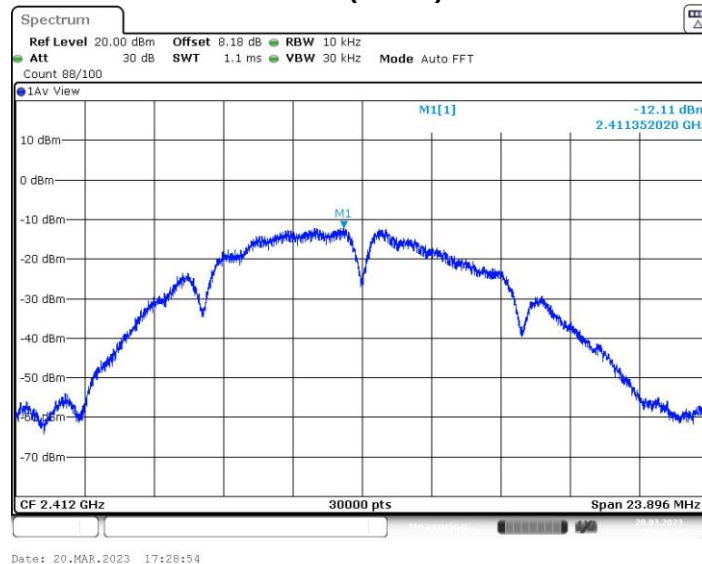
Test Mode	TX 802.11B Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz) ANT 1	Power Spectral Density (dBm/3kHz) ANT 2	Max. Limit (dBm/3kHz)	Result
01	2412	-12.32	-12.11	6.3	Complies
06	2437	-12.00	-10.46	6.3	Complies
11	2462	-11.85	-11.12	6.3	Complies

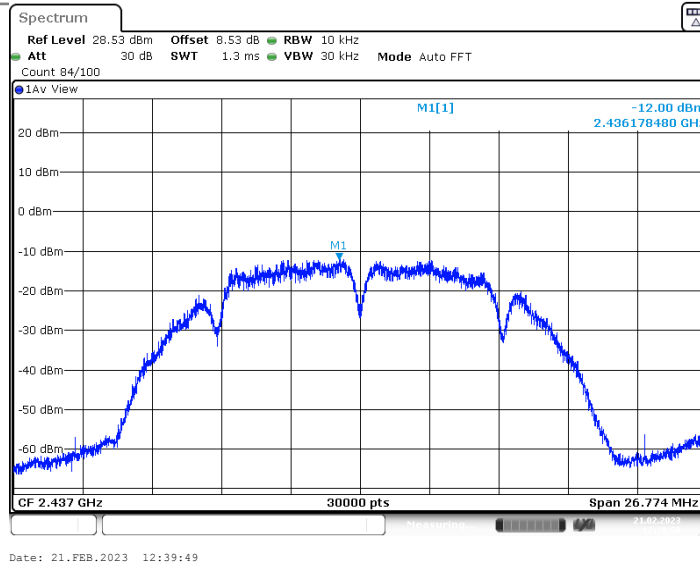
CH01(ANT 1)



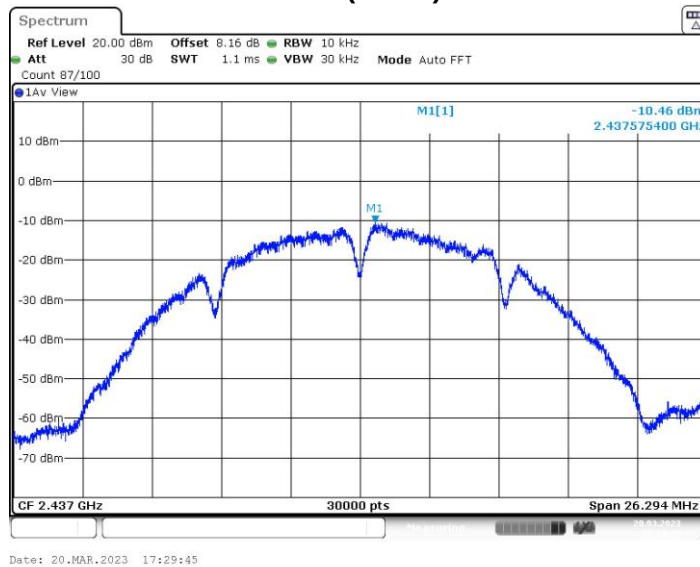
CH01(ANT 2)



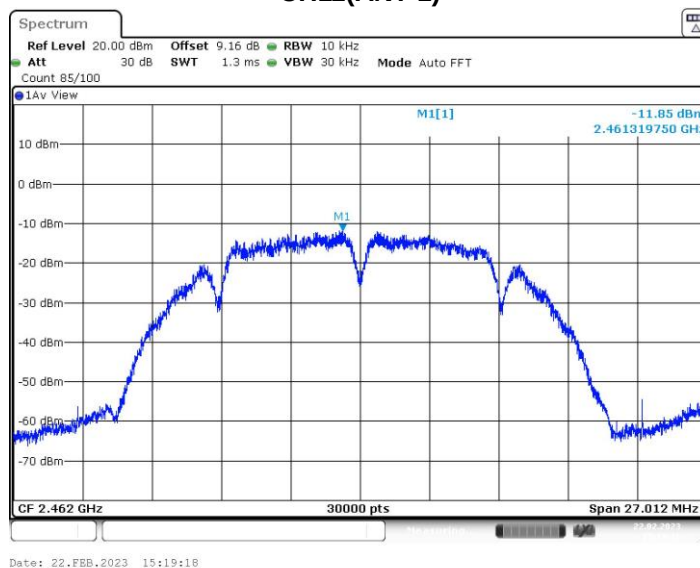
CH06(ANT 1)



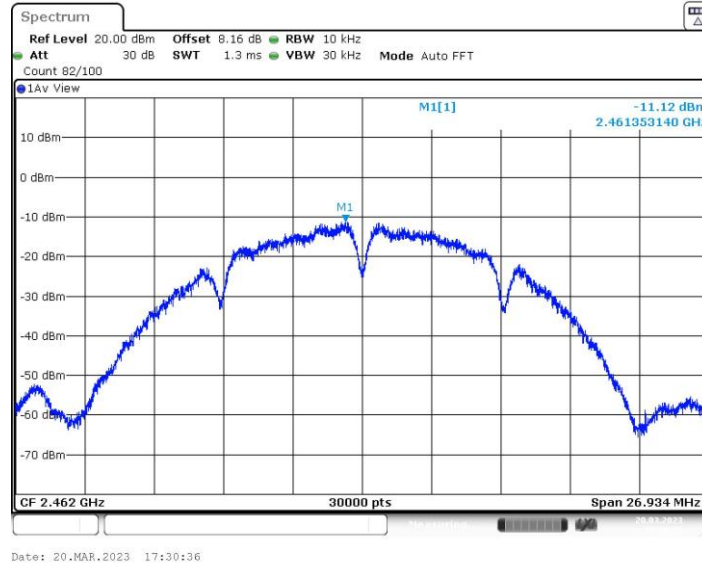
CH06(ANT 2)



CH11(ANT 1)



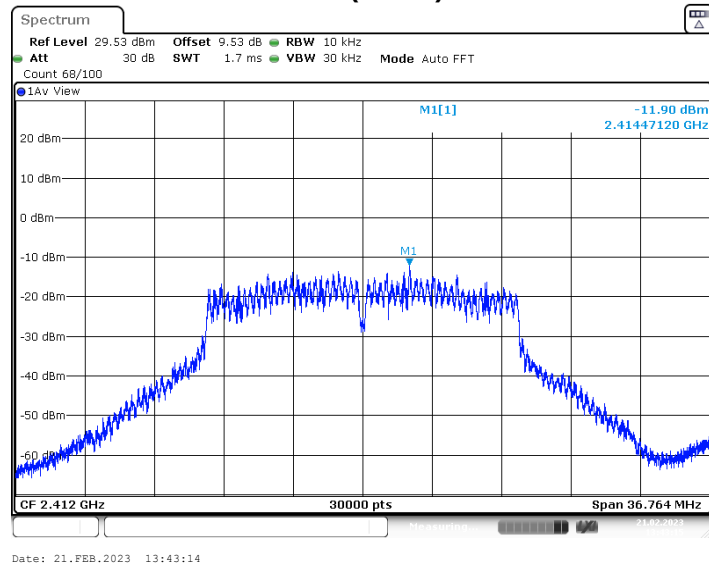
CH11(ANT 2)



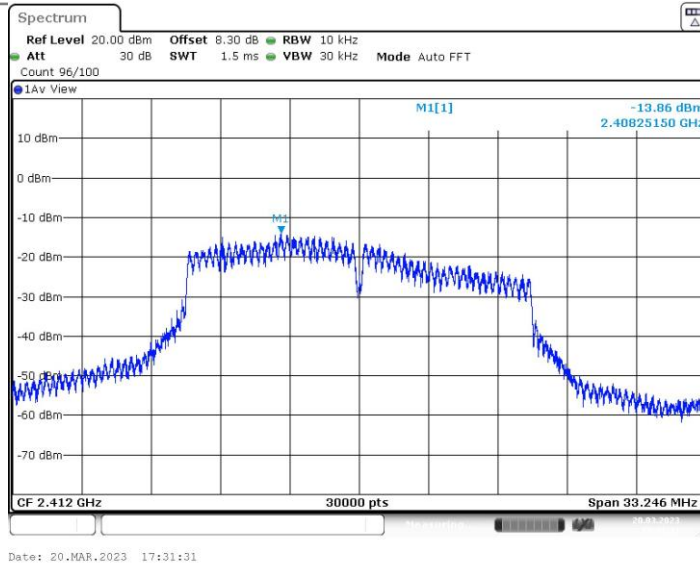
Test Mode TX 802.11G Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz) ANT 1	Power Spectral Density (dBm/3kHz) ANT 2	Max. Limit (dBm/3kHz)	Result
01	2412	-11.90	-11.90	6.3	Complies
06	2437	-11.36	-11.36	6.3	Complies
11	2462	-11.76	-11.76	6.3	Complies

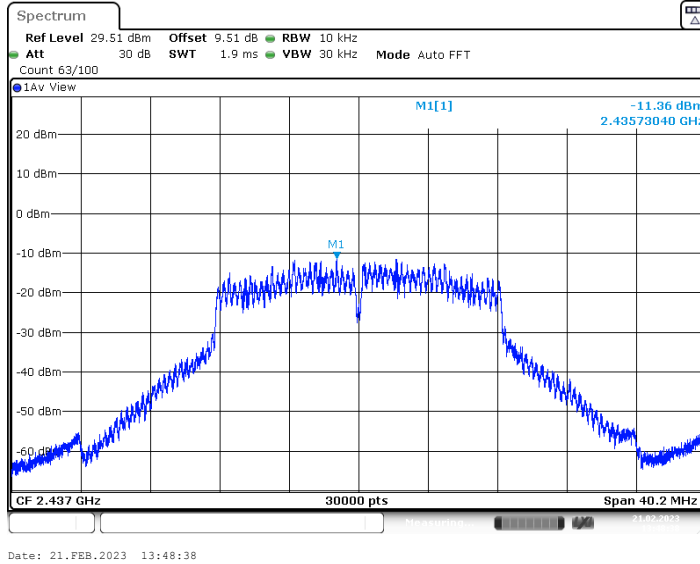
CH01(ANT 1)



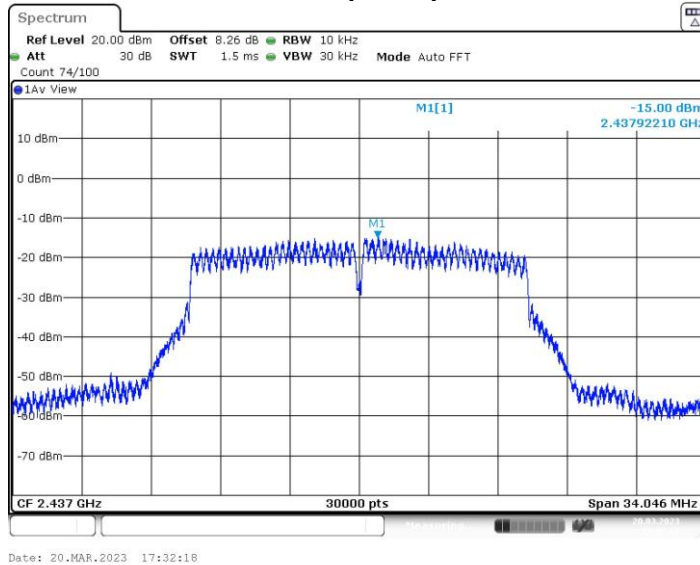
CH01(ANT 2)



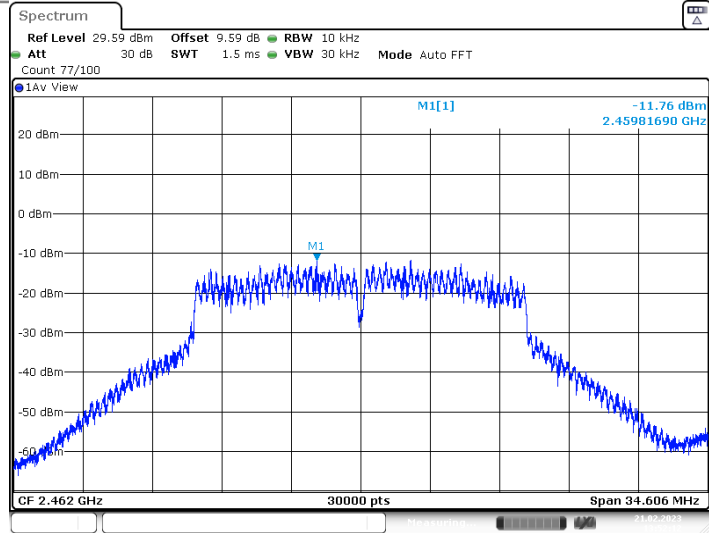
CH06(ANT 1)



CH06(ANT 2)

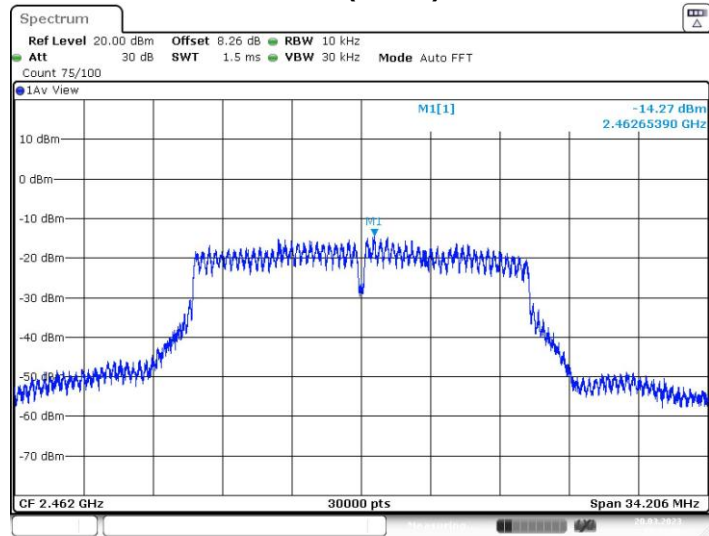


CH11(ANT 1)



Date: 21.FEB.2023 13:52:12

CH11(ANT 2)

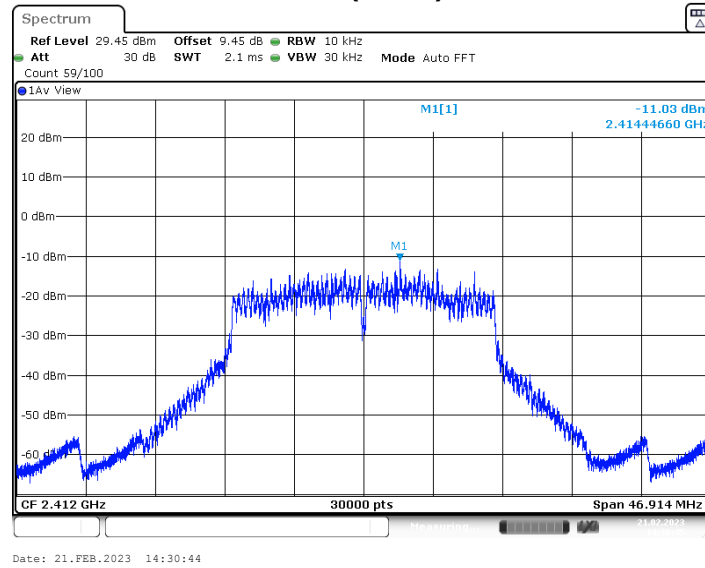


Date: 20.MAR.2023 17:33:05

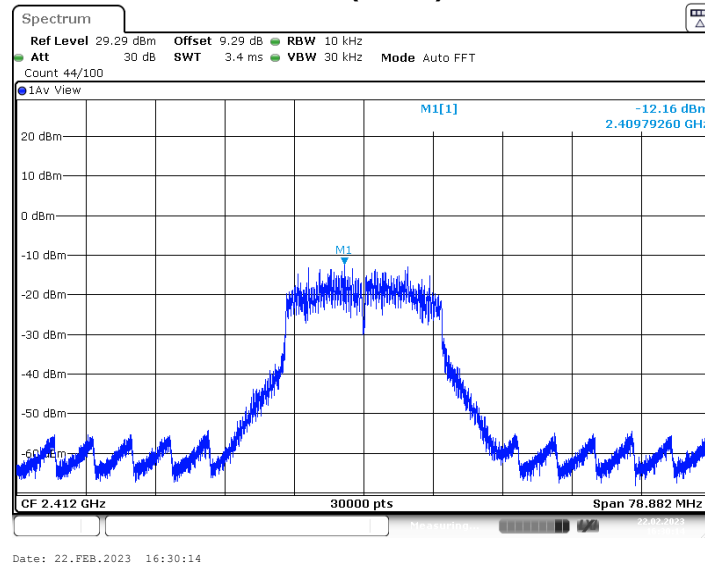
Test Mode	TX 802.11N20 Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz) ANT 1	Power Spectral Density (dBm/3kHz) ANT 2	Max. Limit (dBm/3kHz)	Result
01	2412	-11.03	-12.16	6.3	Complies
06	2437	-10.07	-8.31	6.3	Complies
11	2462	-11.59	-8.85	6.3	Complies

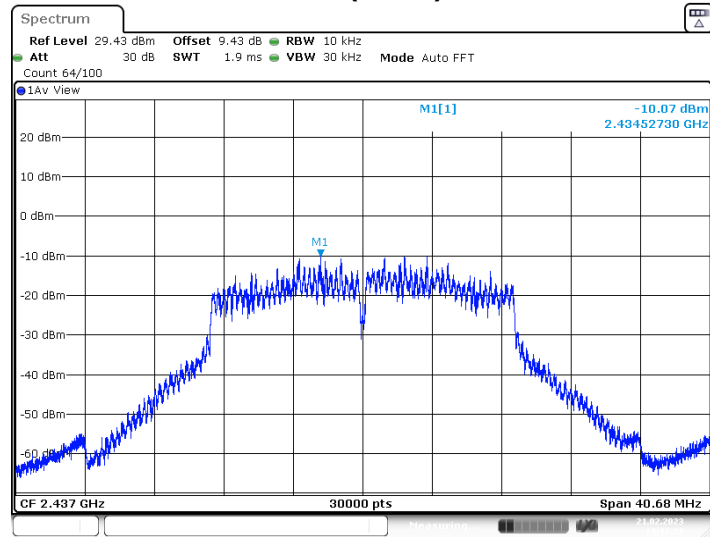
CH01(ANT 1)



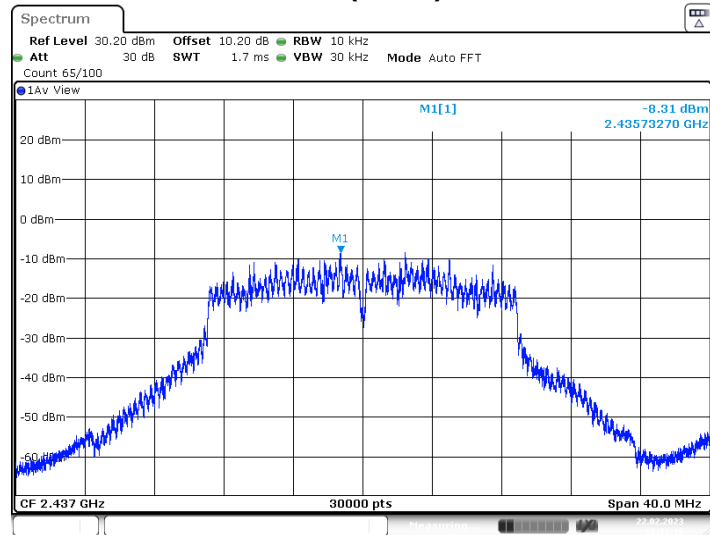
CH01(ANT 2)



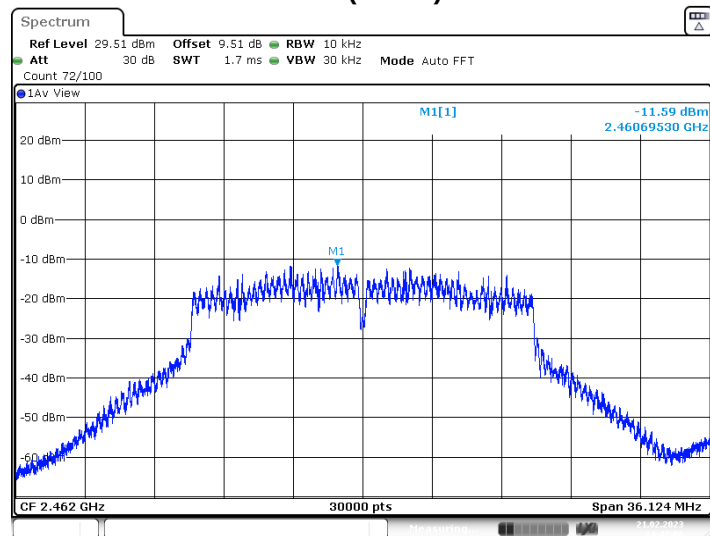
CH06(ANT 1)



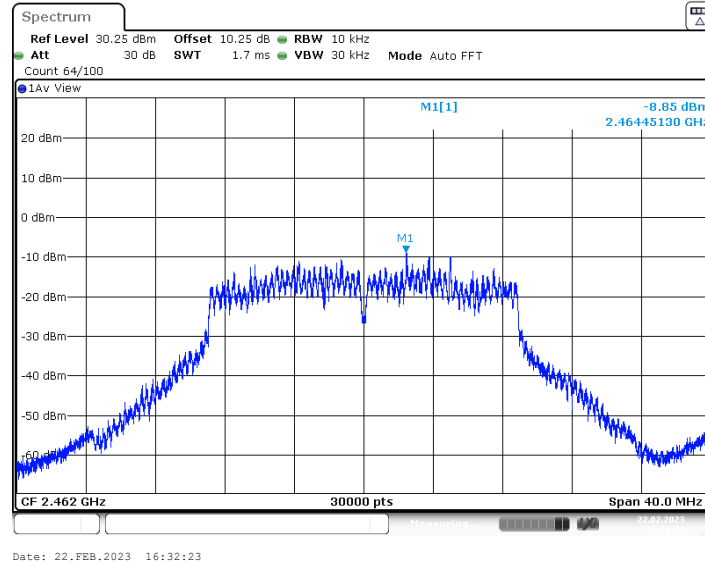
CH06(ANT 2)



CH11(ANT 1)



CH11(ANT 2)



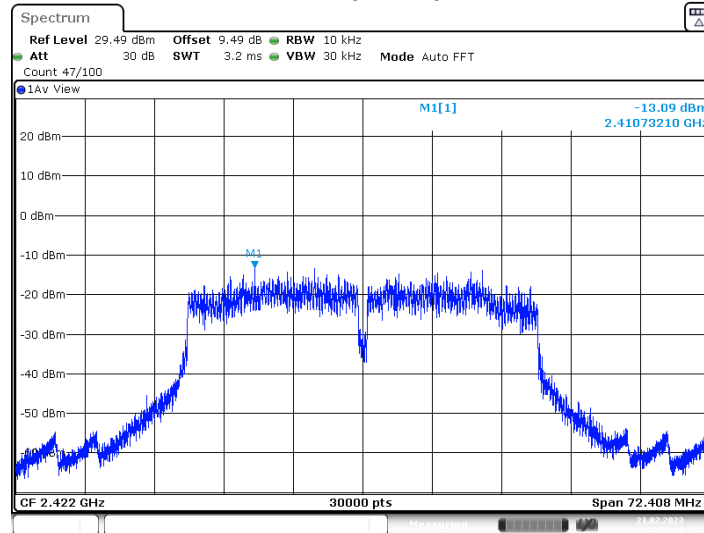
Test Mode	TX 802.11N20 Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.548	6.3	Complies
06	2437	-6.091	6.3	Complies
11	2462	-6.997	6.3	Complies

Test Mode	TX 802.11N40 Mode
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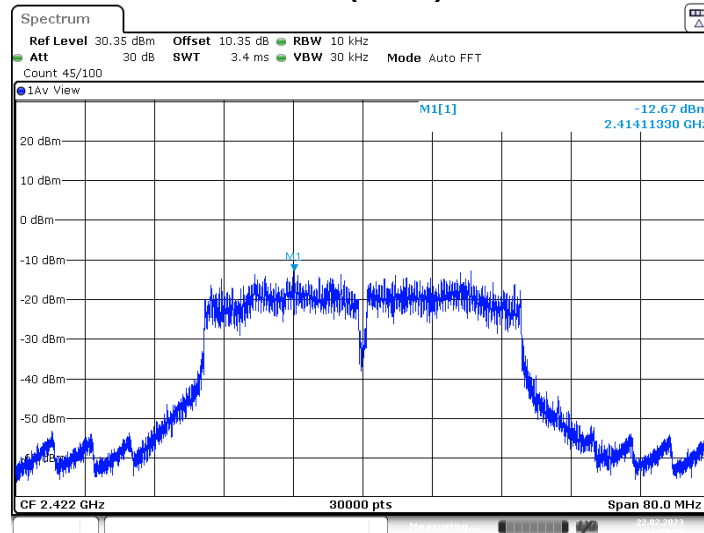
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz) ANT 1	Power Spectral Density (dBm/3kHz) ANT 2	Max. Limit (dBm/3kHz)	Result
03	2422	-13.09	-12.67	6.3	Complies
06	2437	-12.02	-10.19	6.3	Complies
09	2452	-13.37	-11.34	6.3	Complies

CH03(ANT 1)



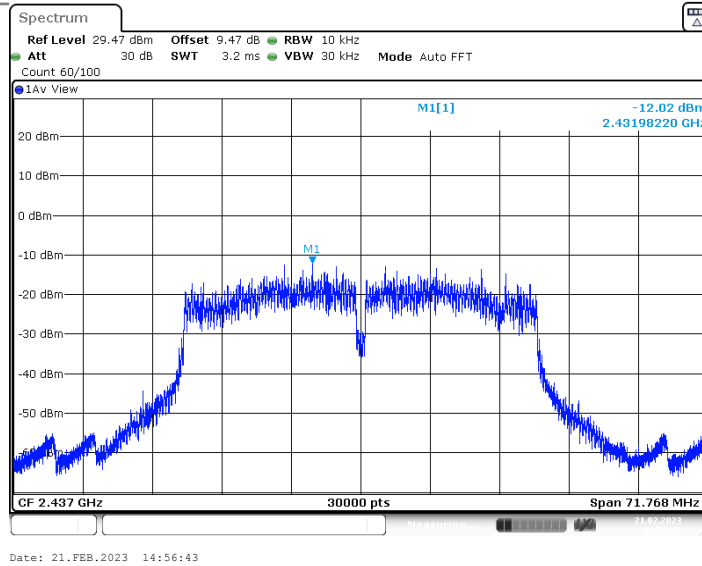
Date: 21.FEB.2023 14:51:21

CH03(ANT 2)

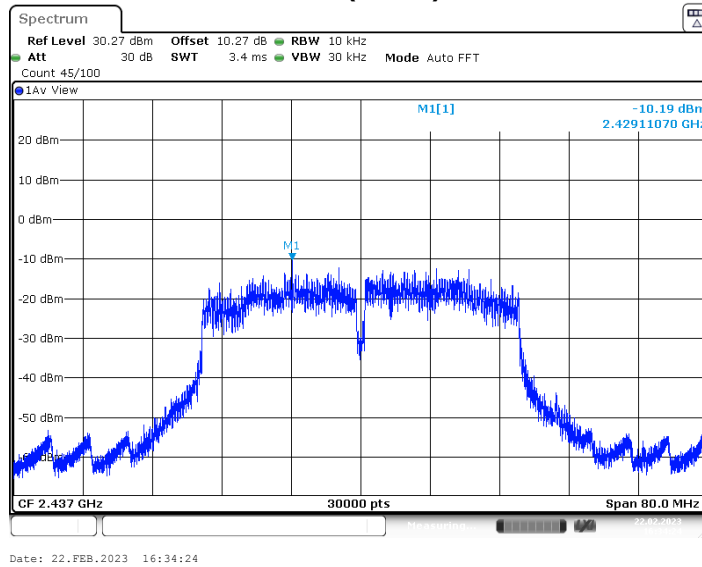


Date: 22.FEB.2023 16:33:25

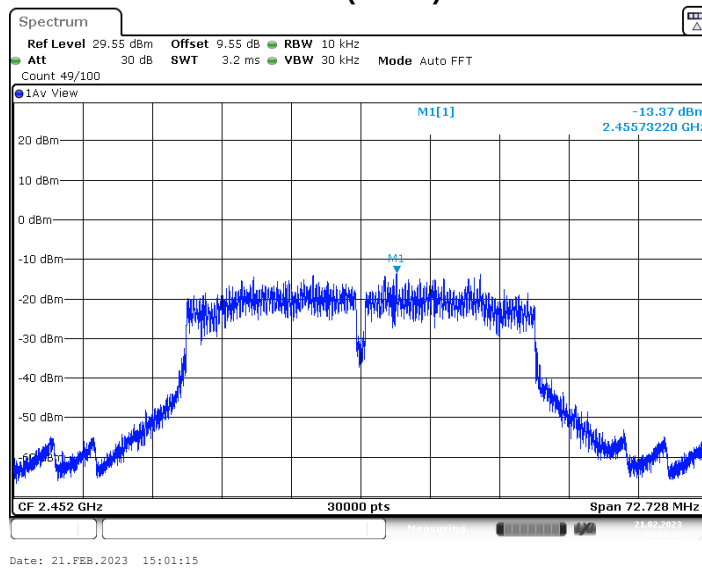
CH06(ANT 1)



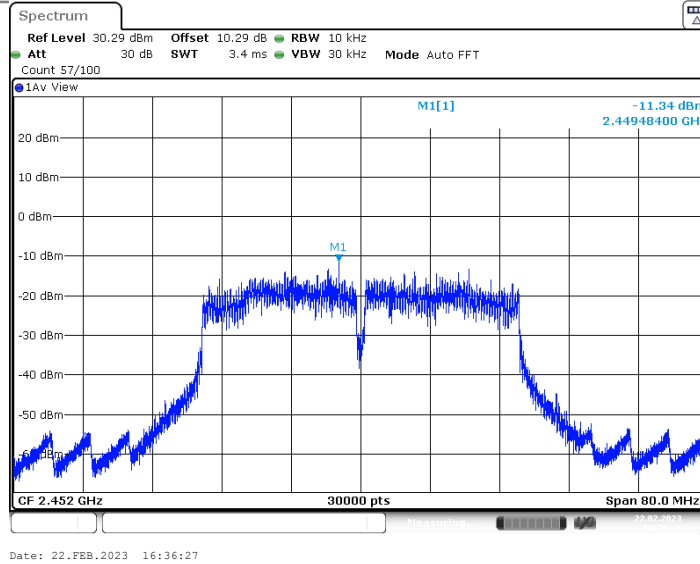
CH06(ANT 2)



CH09(ANT 1)



CH09(ANT 2)



Test Mode	TX 802.11N40 Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-9.865	6.3	Complies
06	2437	-7.999	6.3	Complies
09	2452	-9.227	6.3	Complies

End of Test Report