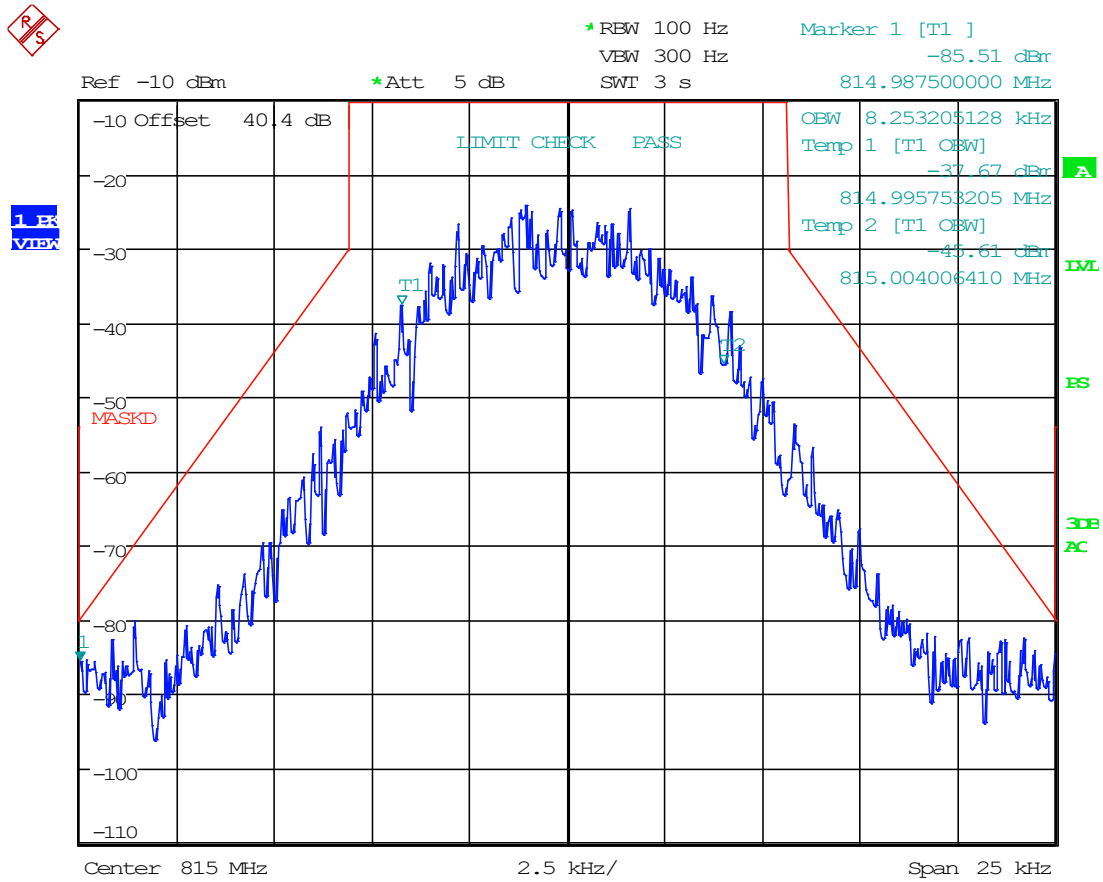
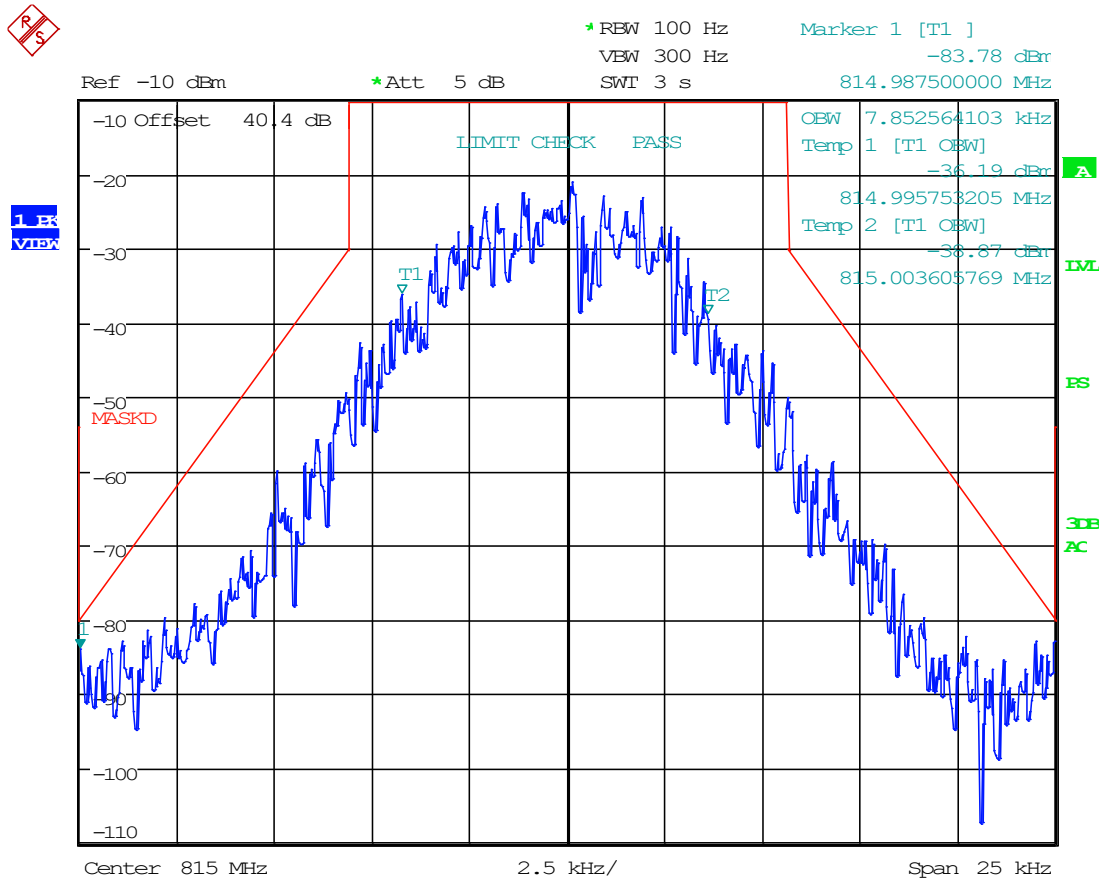


8.5.63 H-CPM, UL Mask D, AGC, 815 MHz



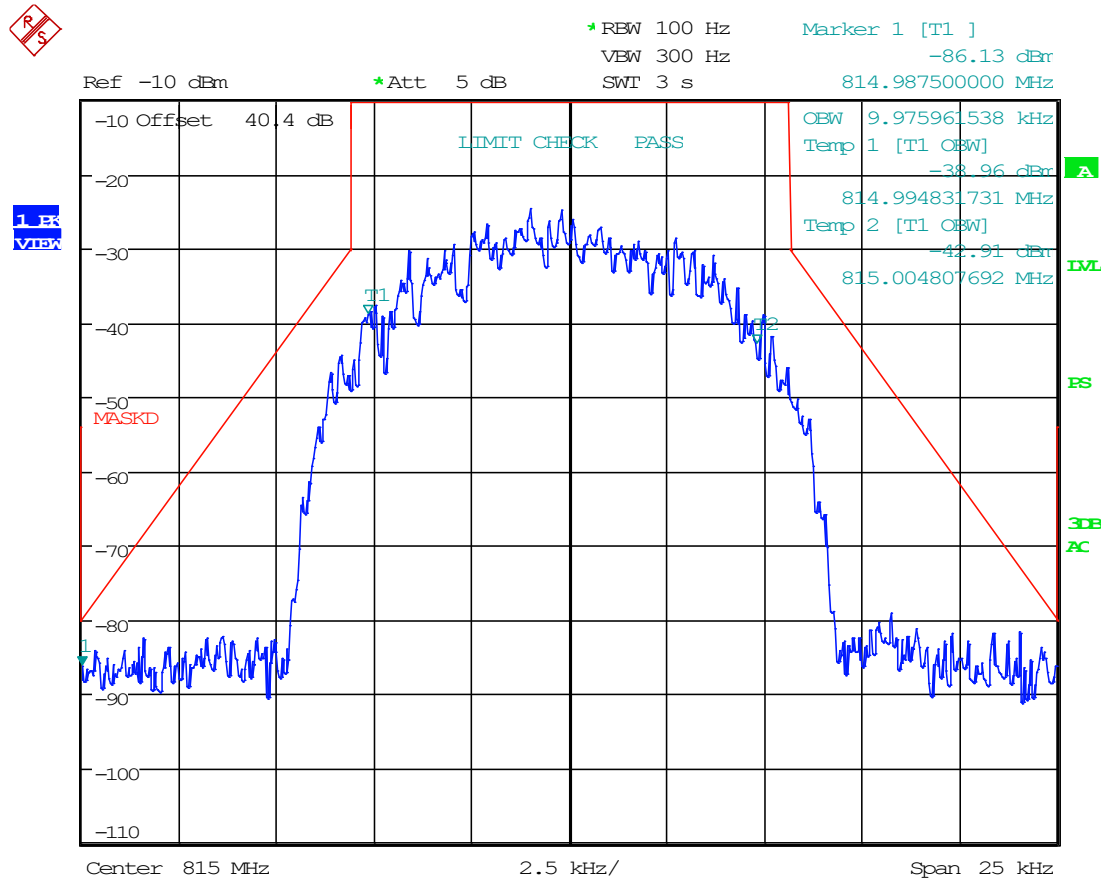
Date: 1.NOV.2024 13:03:54

8.5.64 H-CPM, UL Mask D, AGC+3, 815 MHz



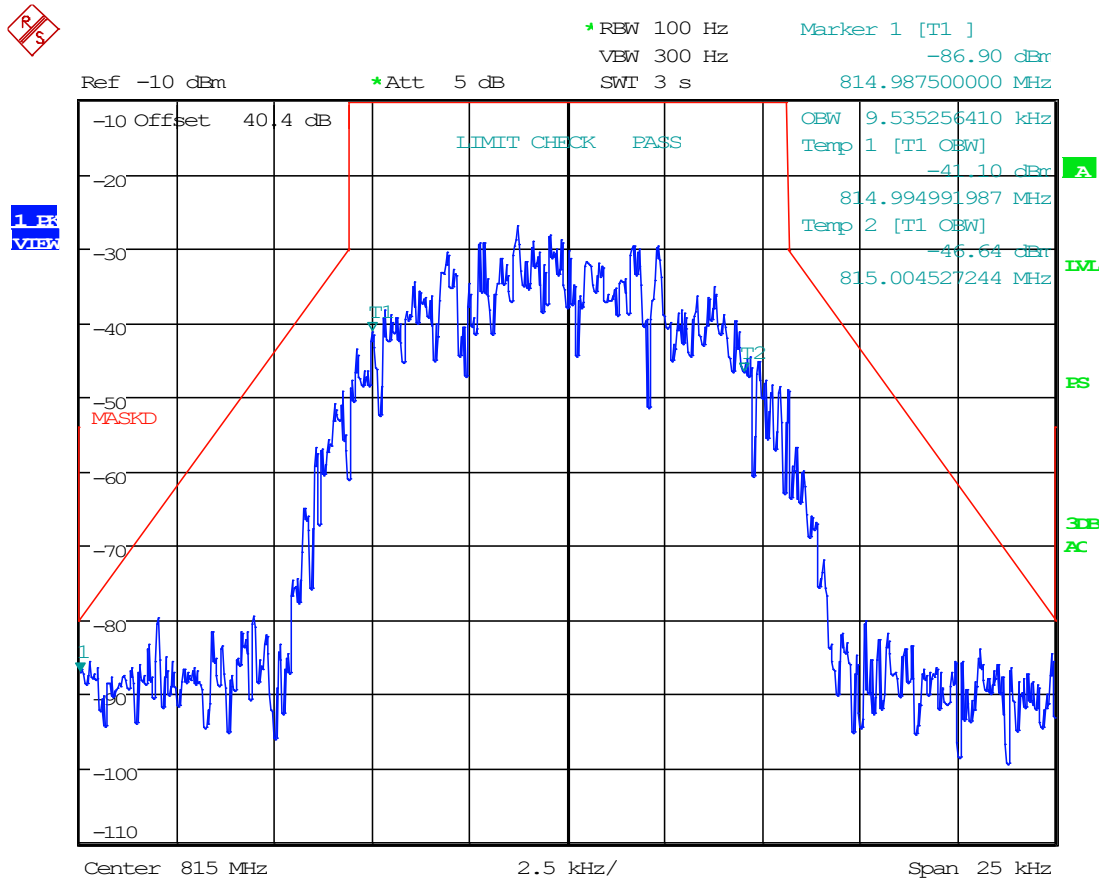
Date: 1.NOV.2024 13:04:20

8.5.65 H-DQPSK, UL Mask D, AGC, 815 MHz



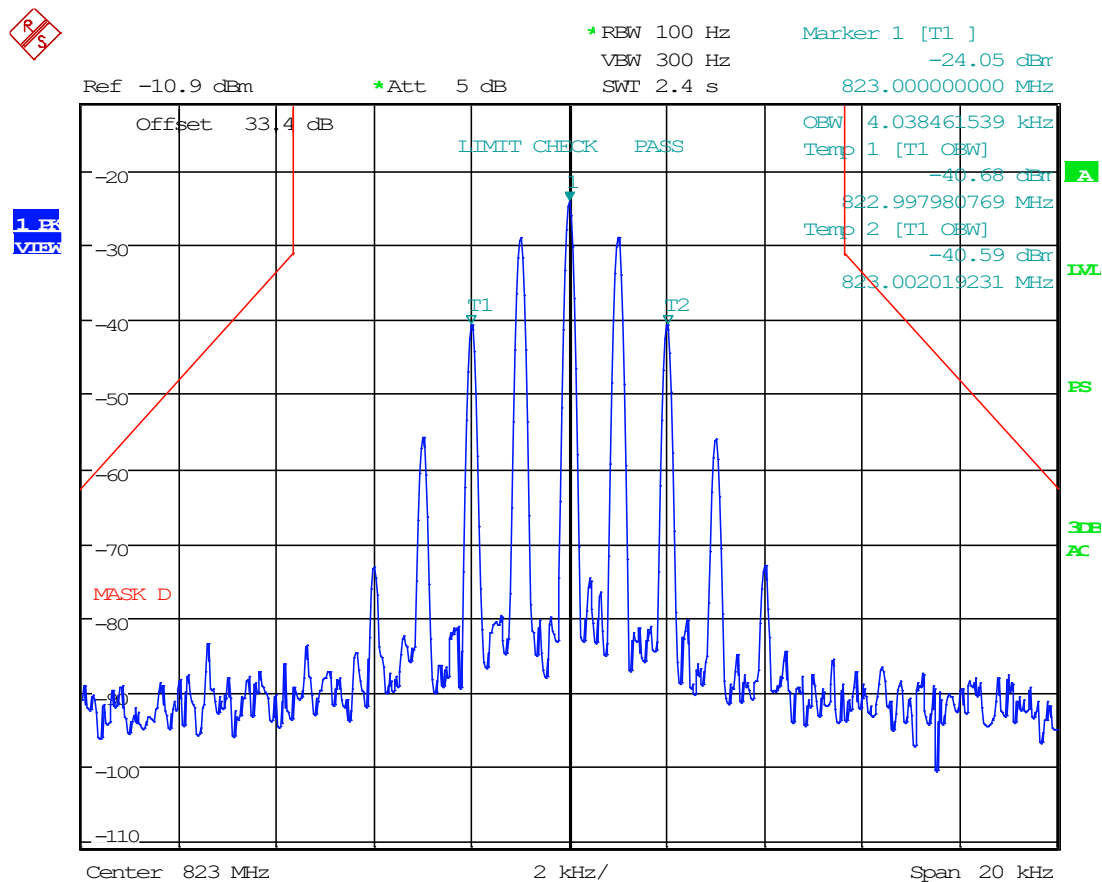
Date: 1.NOV.2024 13:02:54

8.5.66 H-DQPSK, UL Mask D, AGC+3, 815 MHz



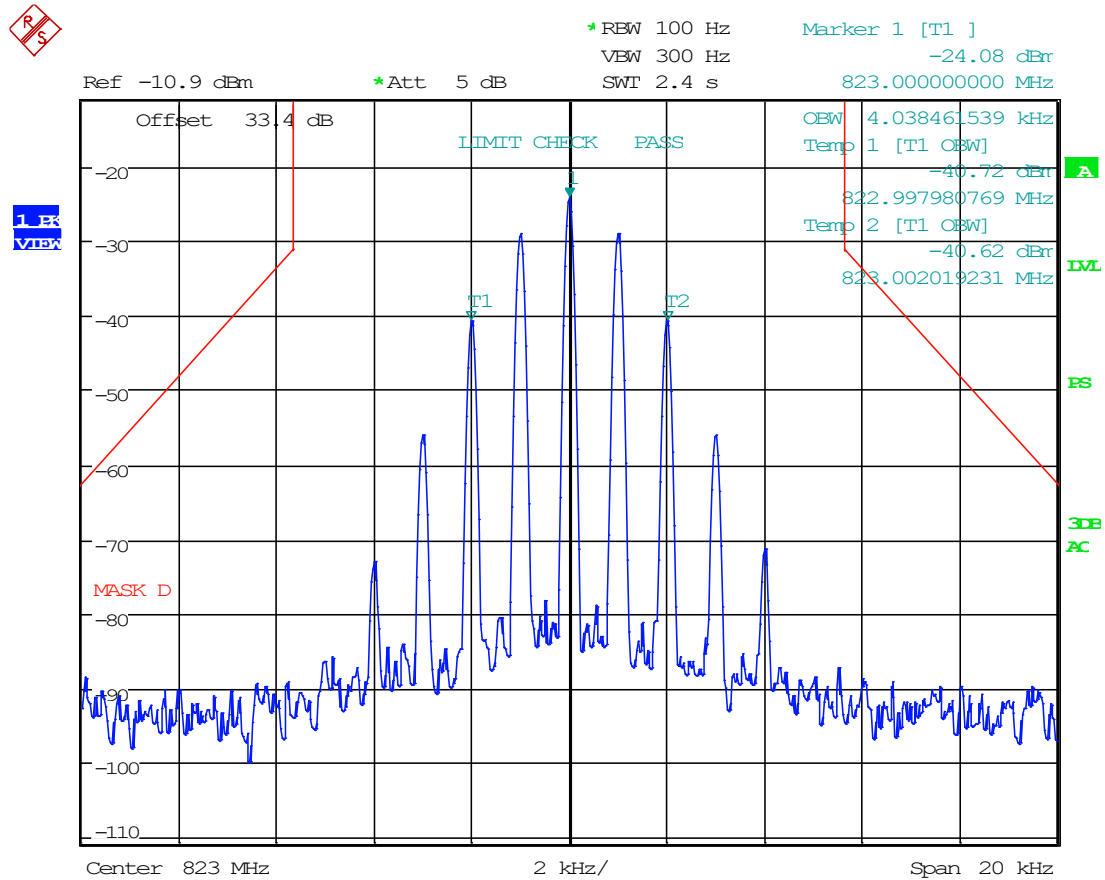
Date: 1.NOV.2024 13:03:22

8.5.67 6.25 kHz, FM, UL Mask D, AGC, 823 MHz



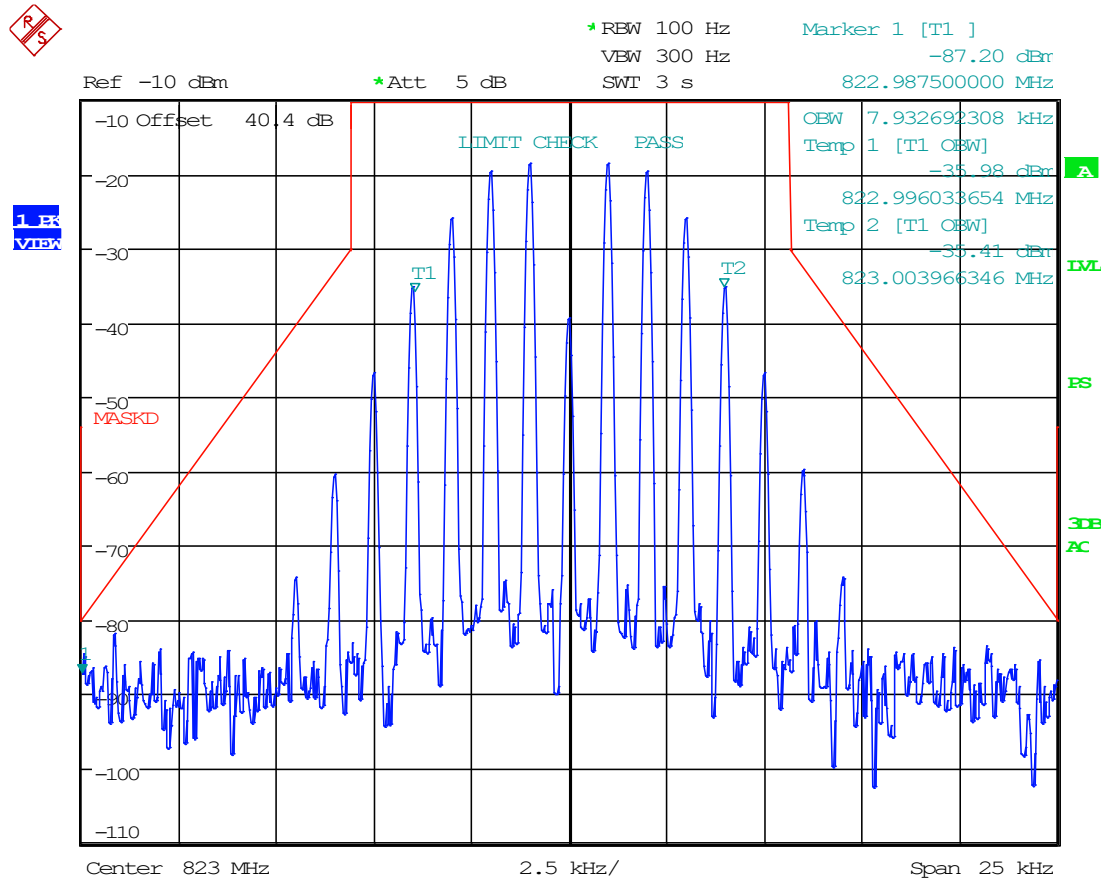
Date: 3.JAN.2025 13:54:10

8.5.68 6.25 kHz, FM, UL Mask D, AGC+3, 823 MHz



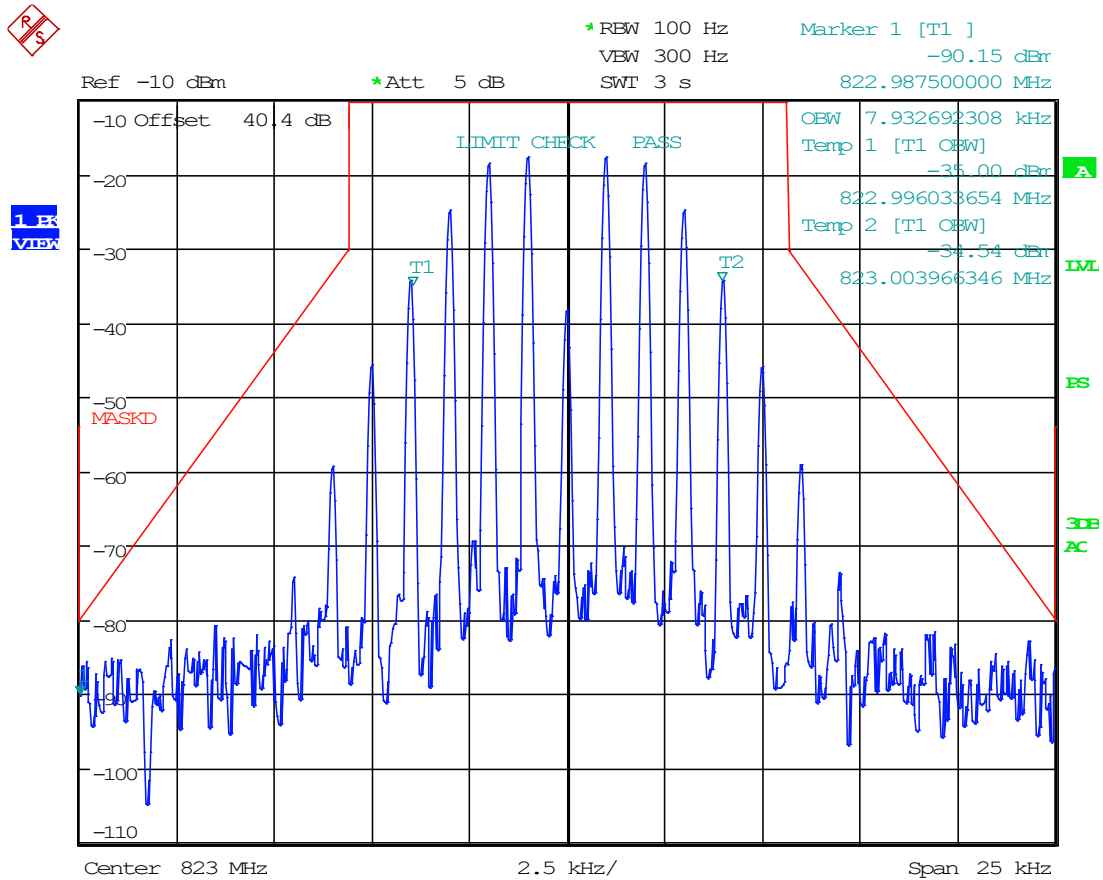
Date: 3.JAN.2025 13:54:48

8.5.69 12.5 kHz, FM, UL Mask D, AGC, 823 MHz



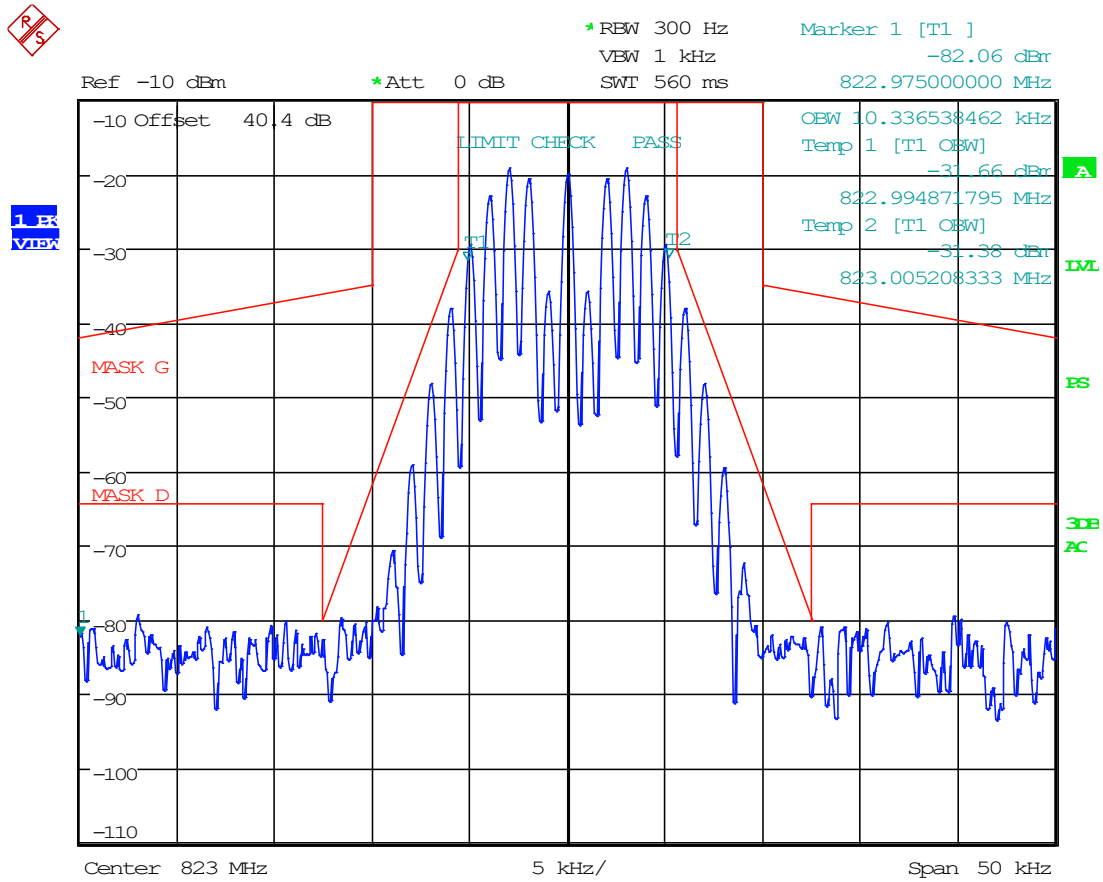
Date: 1.NOV.2024 09:14:19

8.5.70 12.5 kHz, FM, UL Mask D, AGC+3, 823 MHz

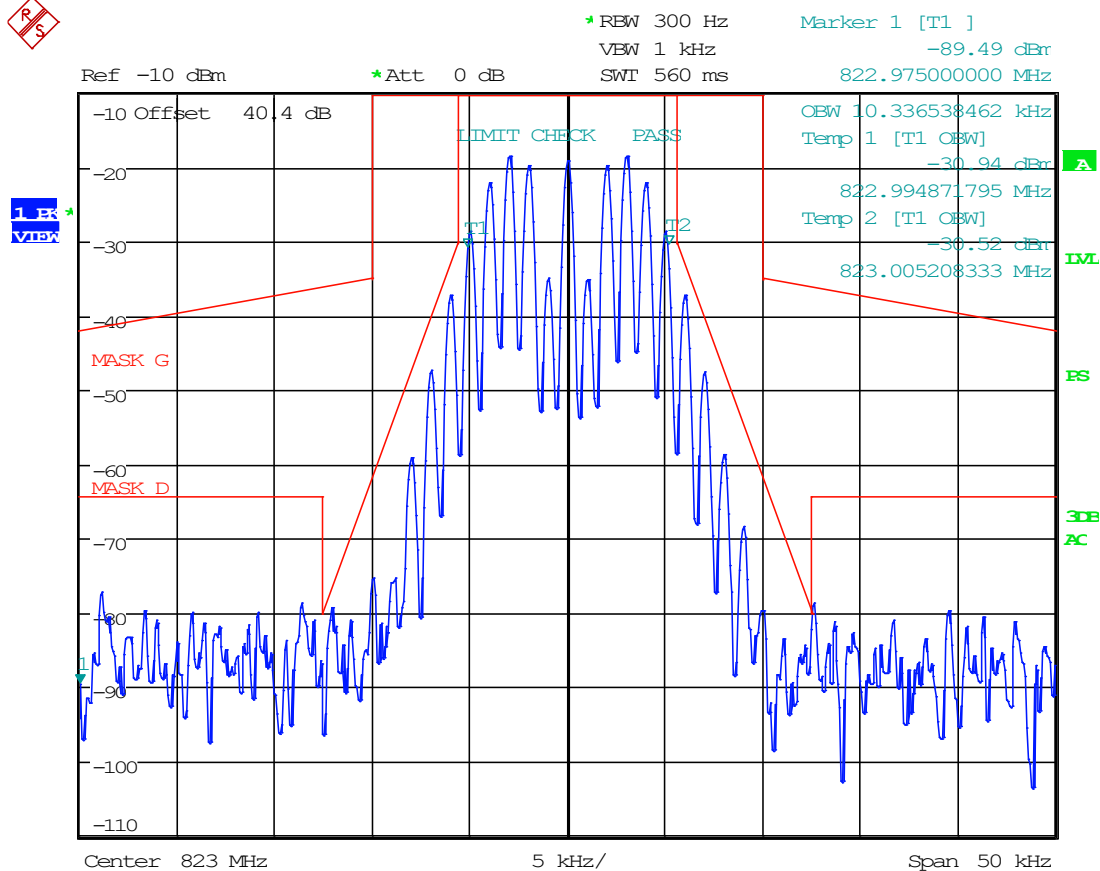


Date: 1.NOV.2024 09:13:44

8.5.71 25 kHz FM, UL Mask G, AGC, 823 MHz

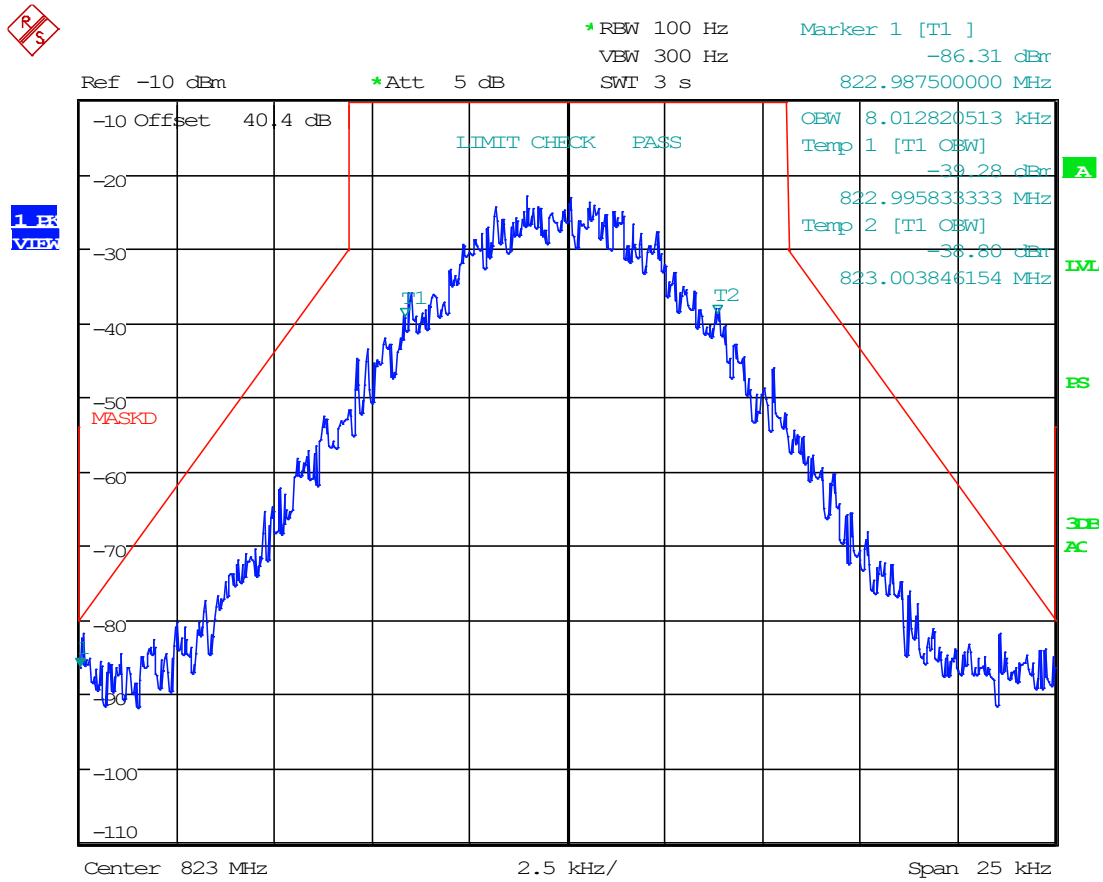


Date: 1.NOV.2024 08:36:53



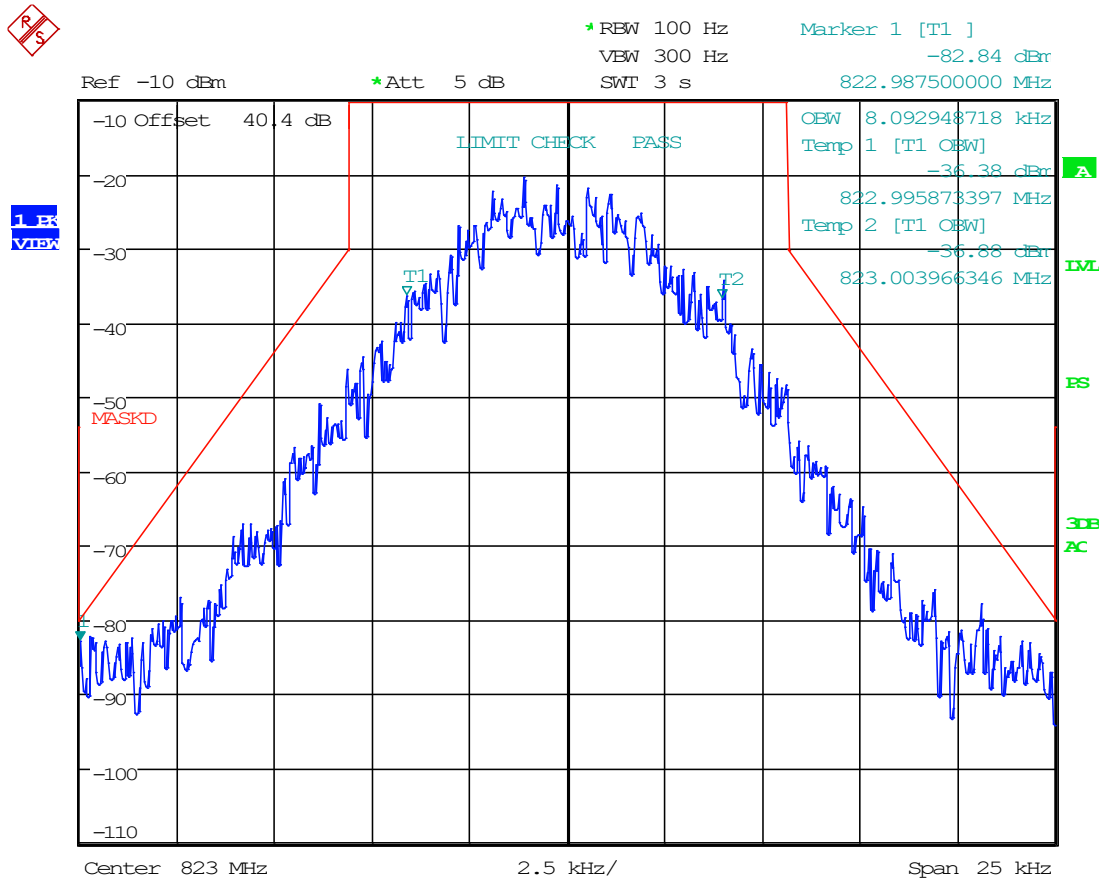
Date: 1.NOV.2024 08:36:38

8.5.73 C4FM, UL Mask D, AGC, 823 MHz



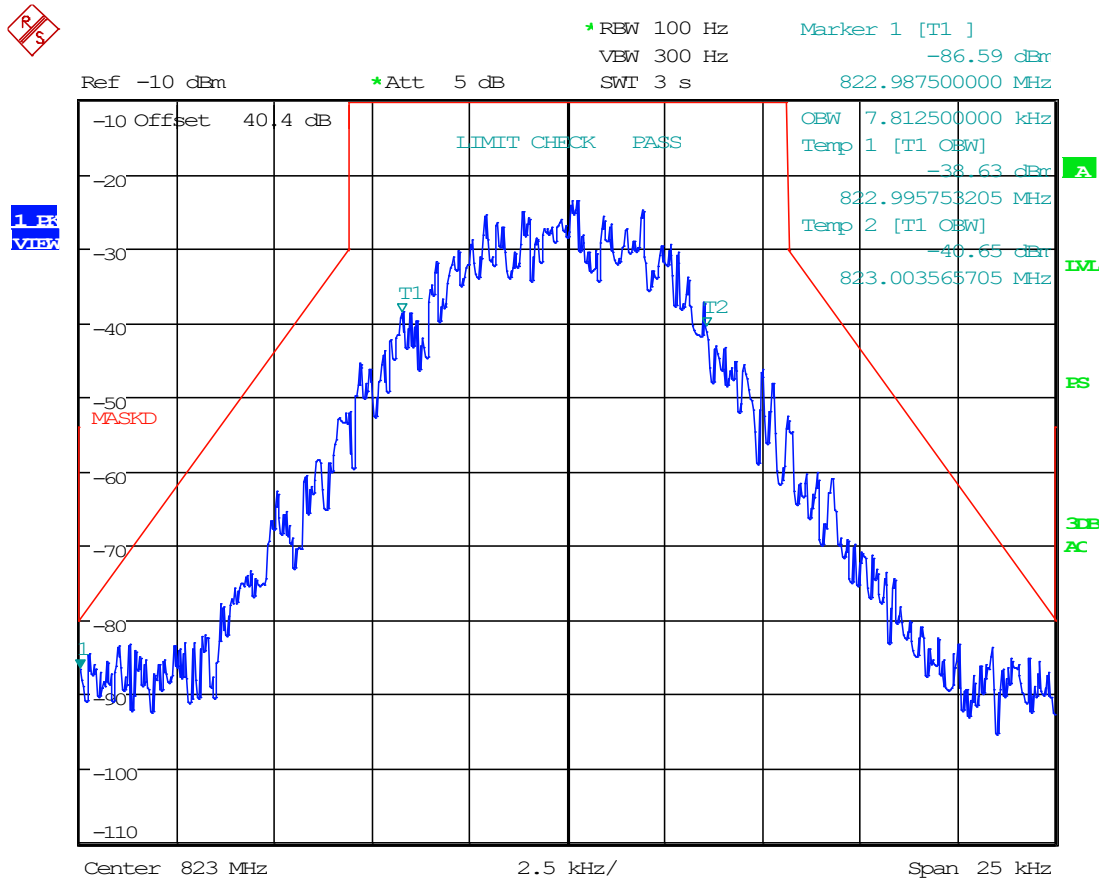
Date: 1.NOV.2024 13:06:19

8.5.74 C4FM, UL Mask D, AGC+3, 823 MHz



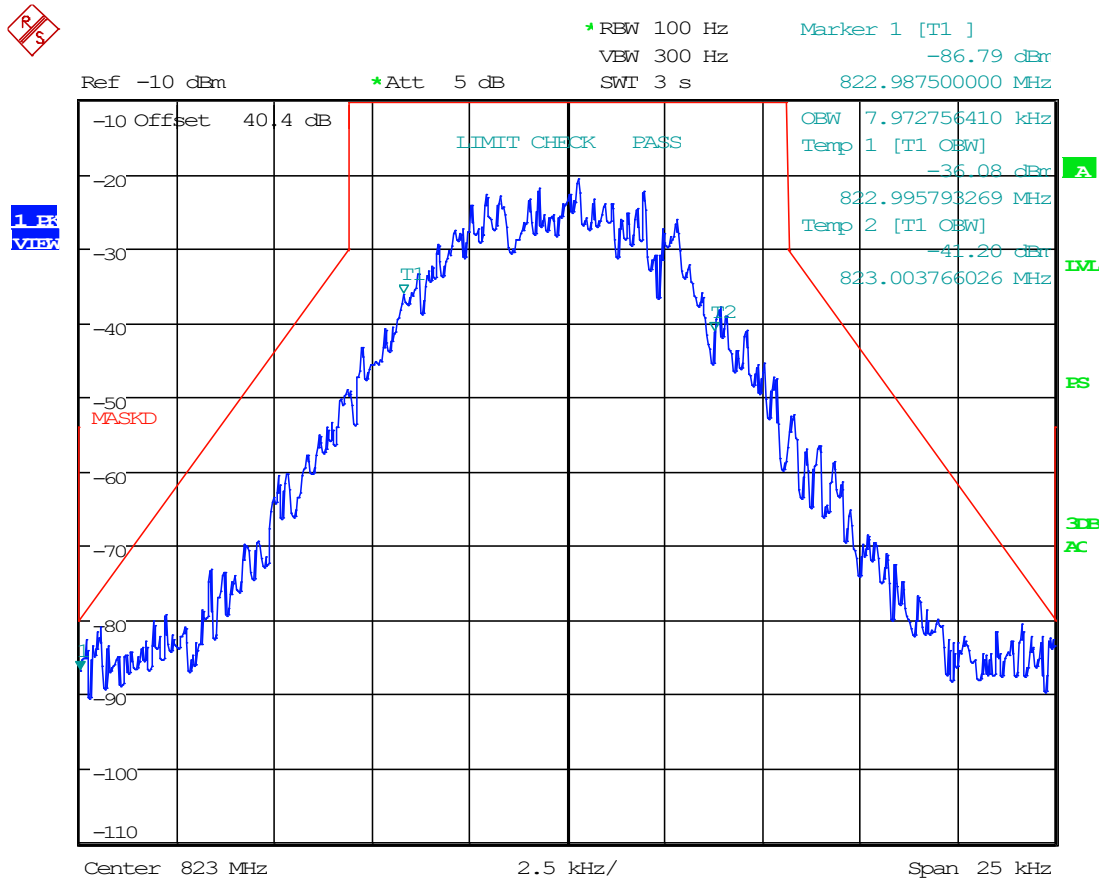
Date: 1.NOV.2024 13:06:47

8.5.75 H-CPM, UL Mask D, AGC, 823 MHz



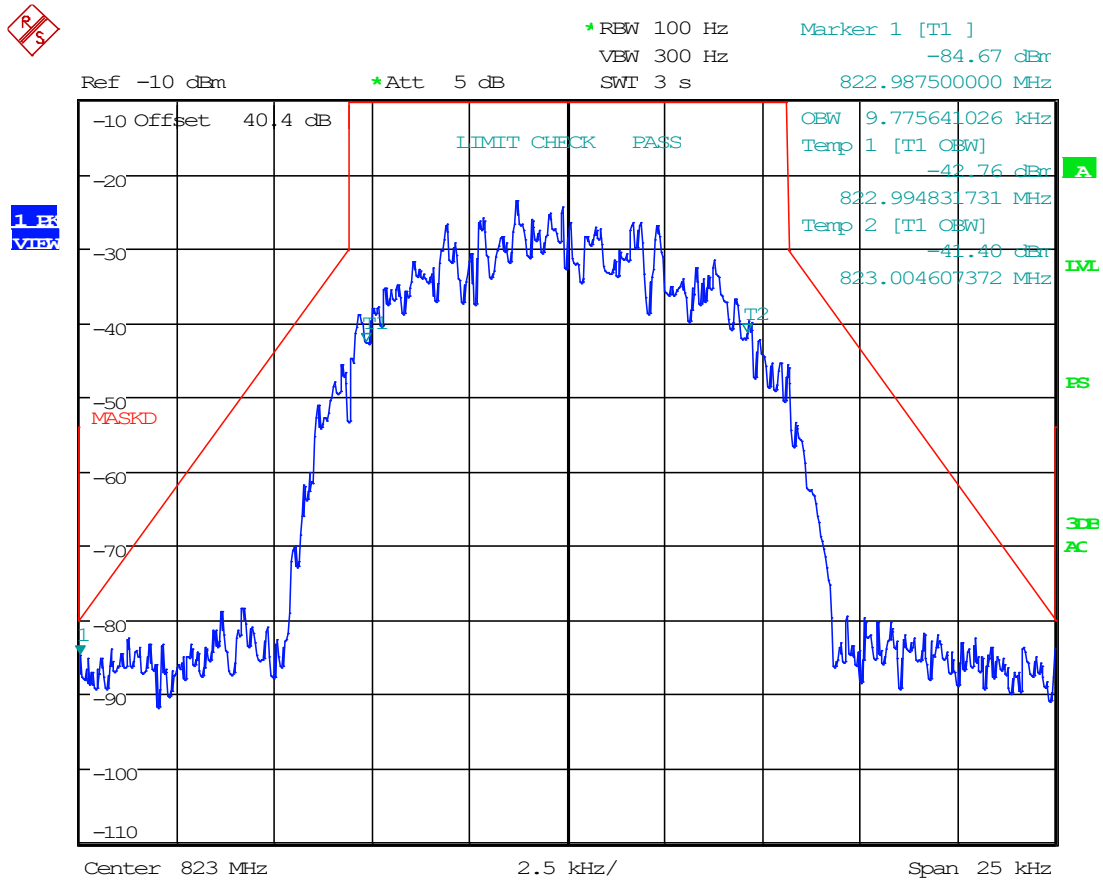
Date: 1.NOV.2024 13:08:01

8.5.76 H-CPM, UL Mask D, AGC+3, 823 MHz



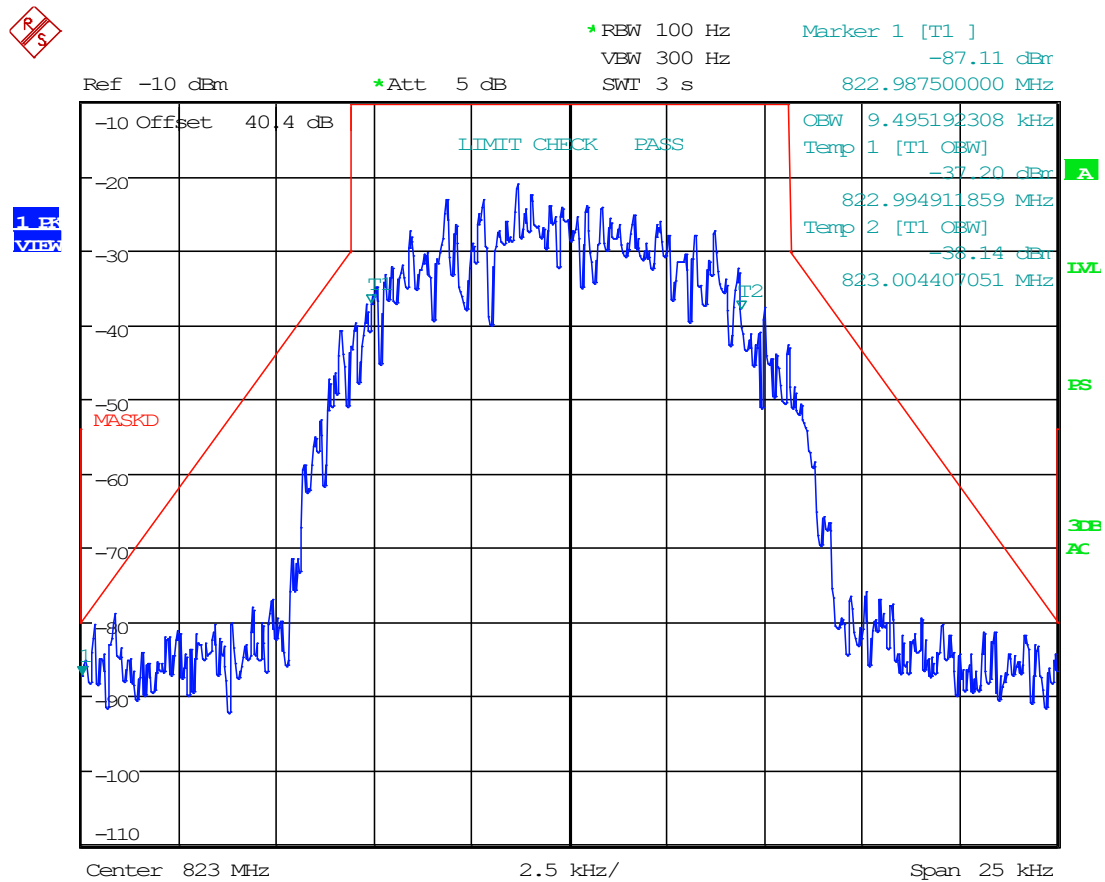
Date: 1.NOV.2024 13:07:26

8.5.77 H-DQPSK, UL Mask D, AGC, 823 MHz



Date: 1.NOV.2024 13:08:38

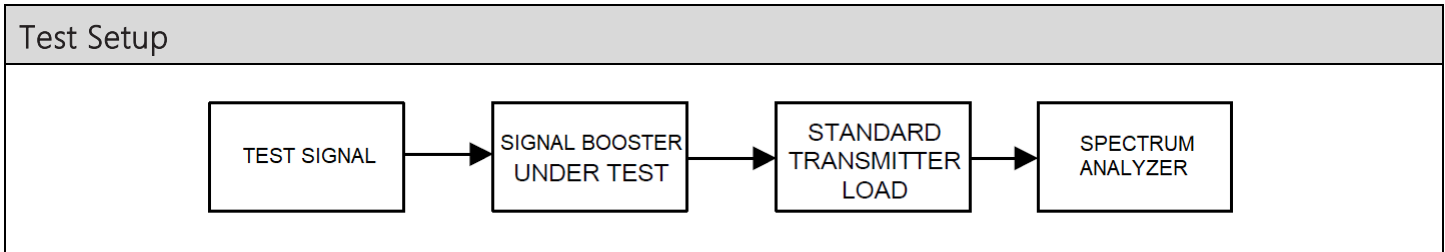
8.5.78 H-DQPSK, UL Mask D, AGC+3, 823 MHz



Date: 1.NOV.2024 13:09:02

8.6 Noise Figure

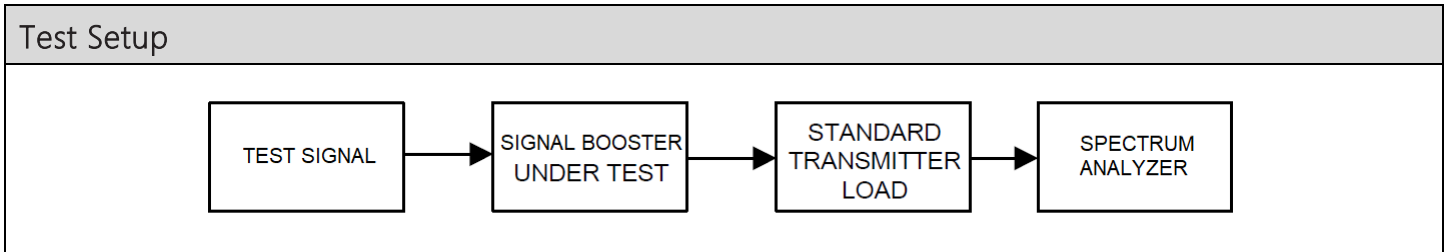
Limits from FCC 90.219 (e)(2) and KDB 935210 D05 v01r04 Industrial Signal Boosters. Test method from "Noise Figure Measurement Accuracy: The Y-Factor Method" by Keysight Technologies.



Test Results, Out-of-band Rejection and Class of Operation			
Operating Band (MHz)	Link Direction	Noise Figure (dB)	Limit (dB)
851 MHz- 869 MHz	Downlink	6.43	< 9 dB
806 MHz- 824 MHz	Uplink	0.81	< 9 dB

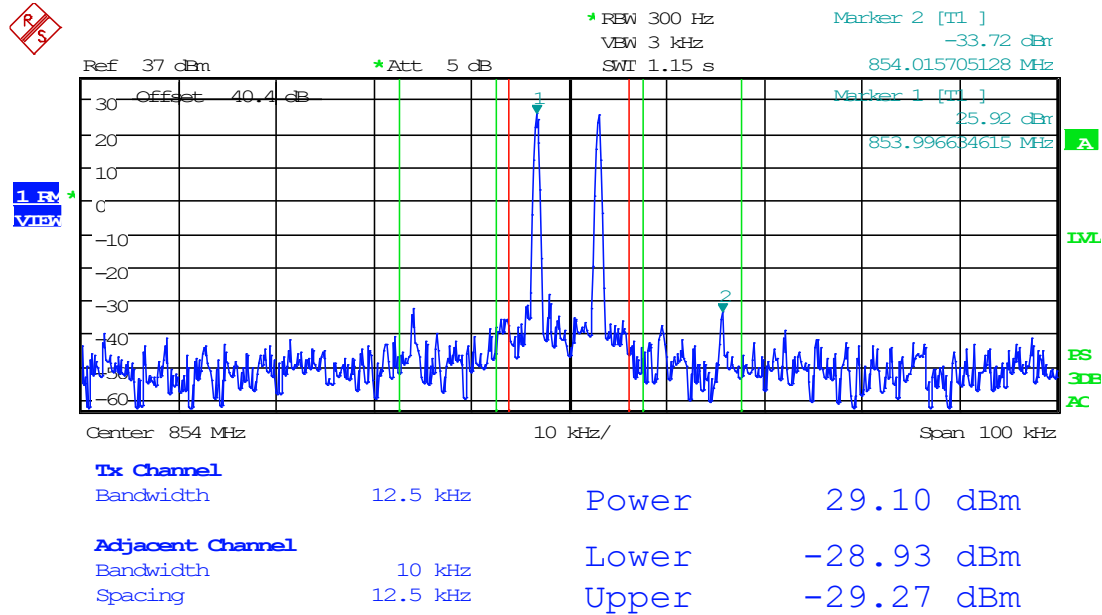
8.7 Out-of-Band/Out-of-Block Emissions (Intermodulation Products)

Limits from FCC Parts 2.1051, FCC Pt. 90.219(d)(6)(i), and test procedure from ANSI C63.26-2015 and FCC KDB 935210 D05 v01r04 Industrial Signal Boosters.



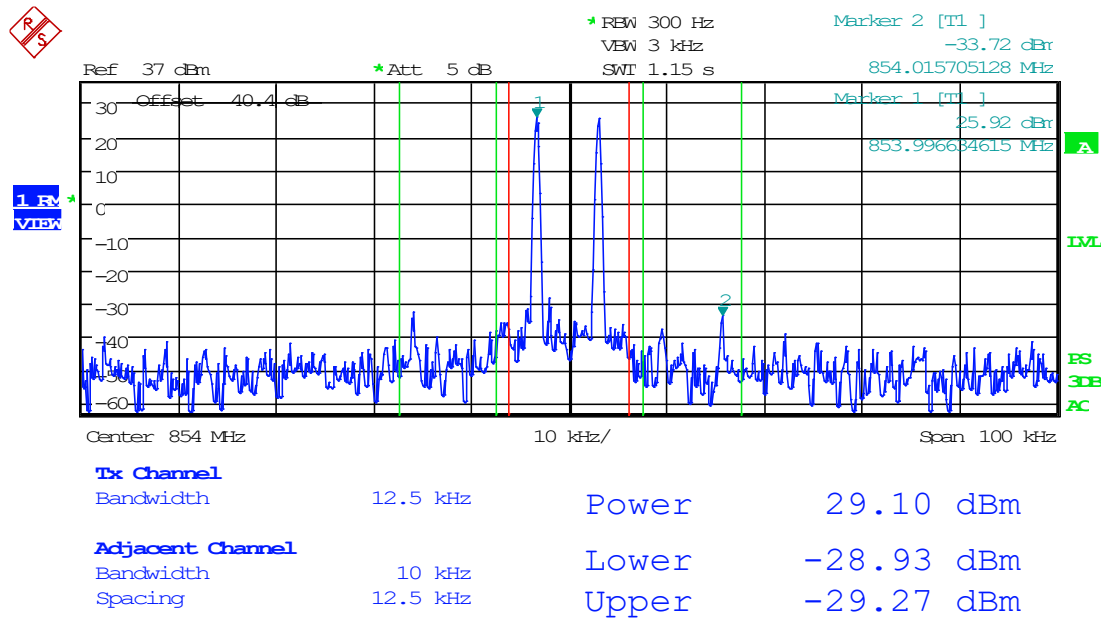
Intermodulation Products Spectrum Plots

8.7.1 6.25 kHz Signal, Downlink, AGC, 854 MHz



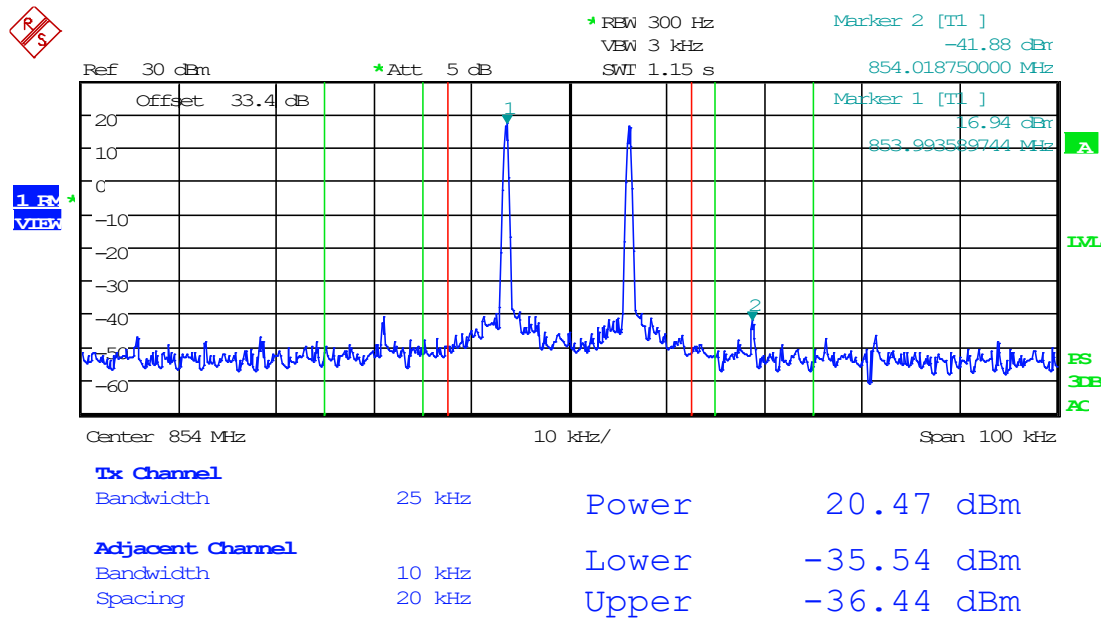
Date: 30.OCT.2024 16:01:36

8.7.2 6.25 kHz Signal, Downlink, AGC+3dB, 854 MHz



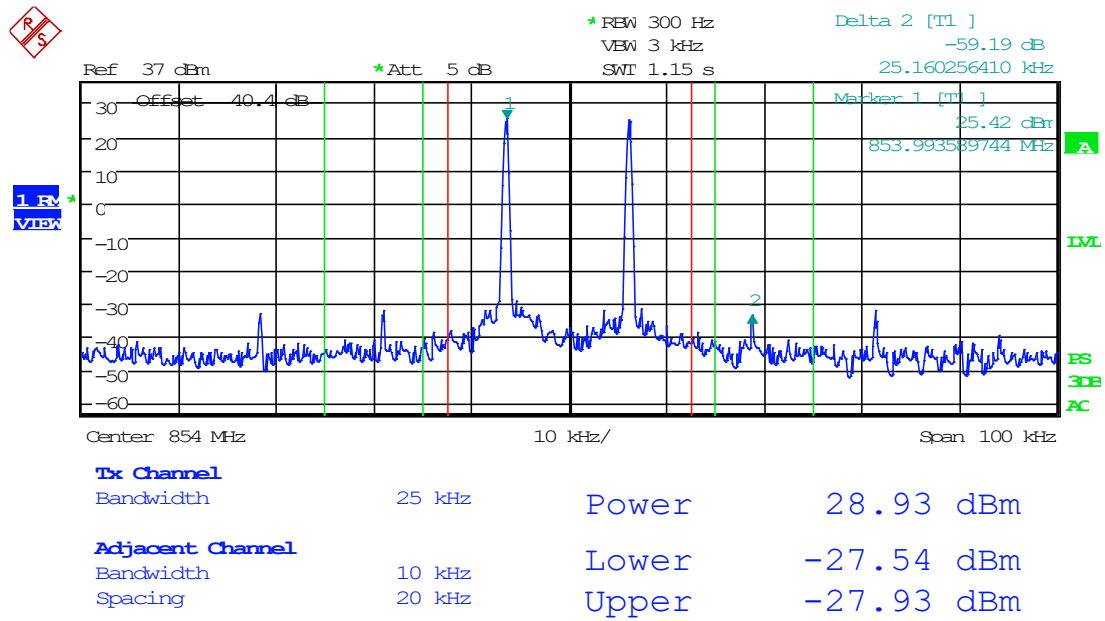
Date: 30.OCT.2024 16:01:36

8.7.3 12.5 kHz Signal, Downlink, AGC, 854 MHz



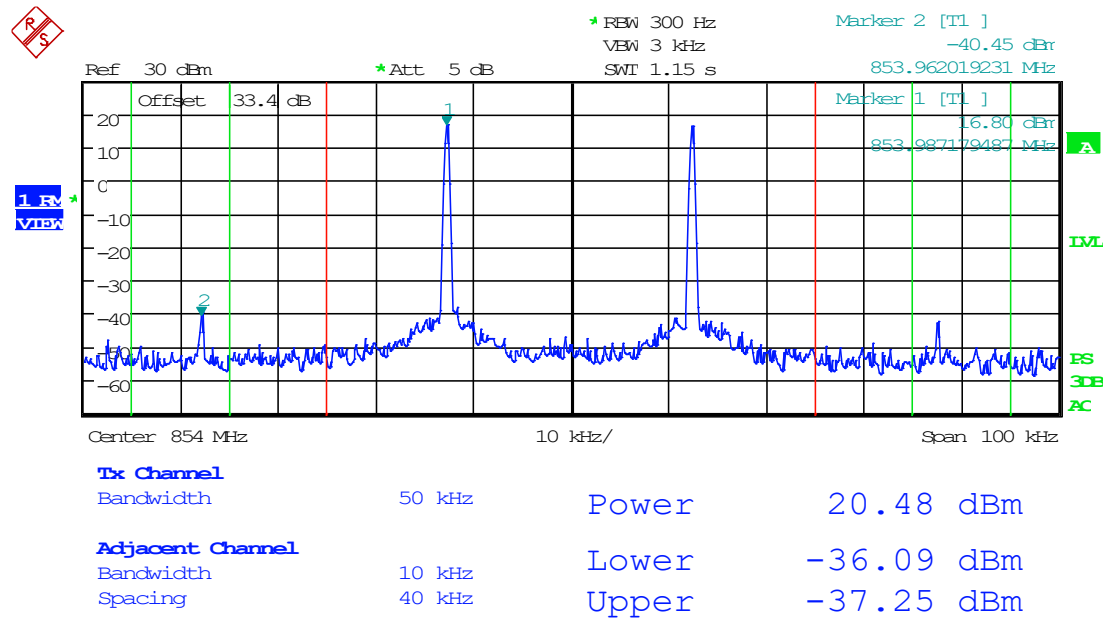
Date: 30.OCT.2024 15:41:11

8.7.4 12.5 kHz Signal, Downlink, AGC+3dB, 854 MHz



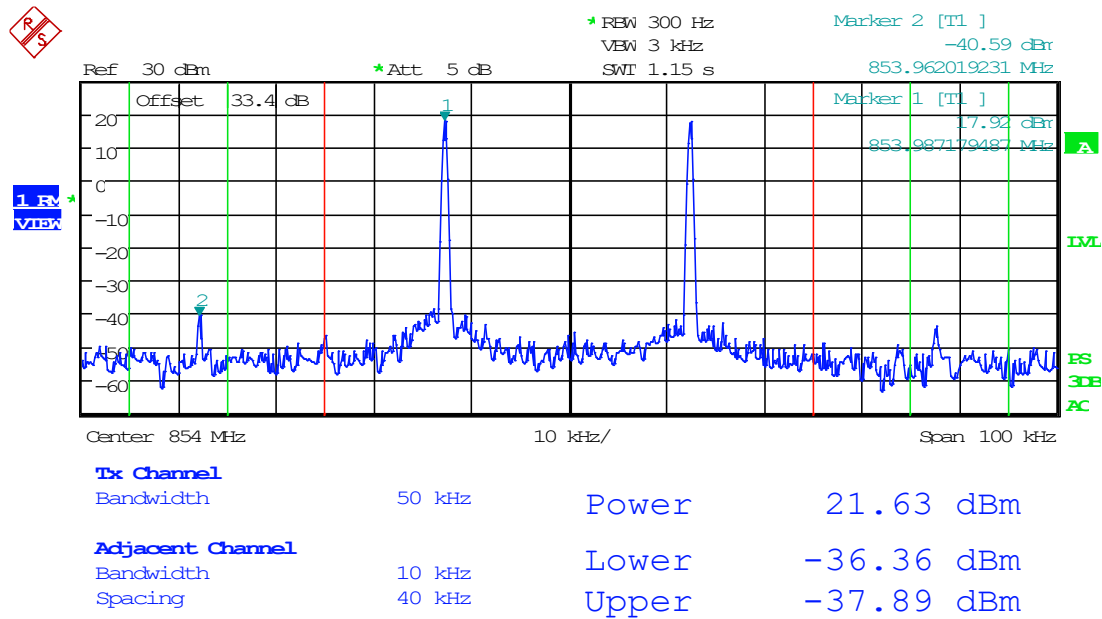
Date: 30.OCT.2024 15:52:54

8.7.5 25 kHz Signal, Downlink, AGC, 854 MHz



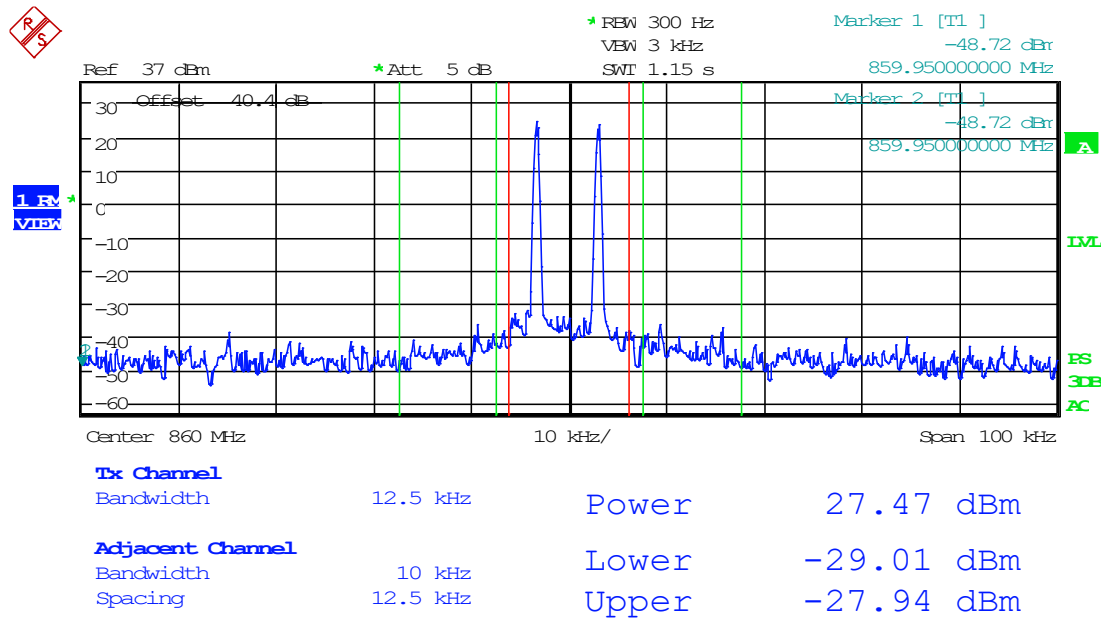
Date: 30.OCT.2024 15:42:41

8.7.6 25 kHz Signal, Downlink, AGC+3dB, 854 MHz



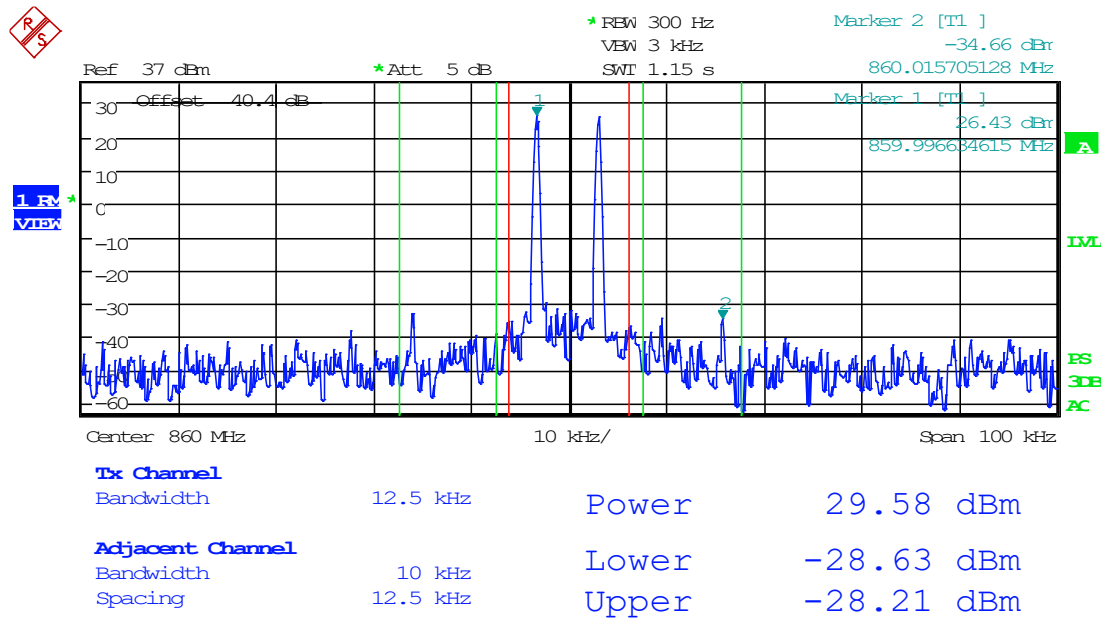
Date: 30.OCT.2024 15:51:09

8.7.7 6.25 kHz Signal, Downlink, AGC, 860 MHz



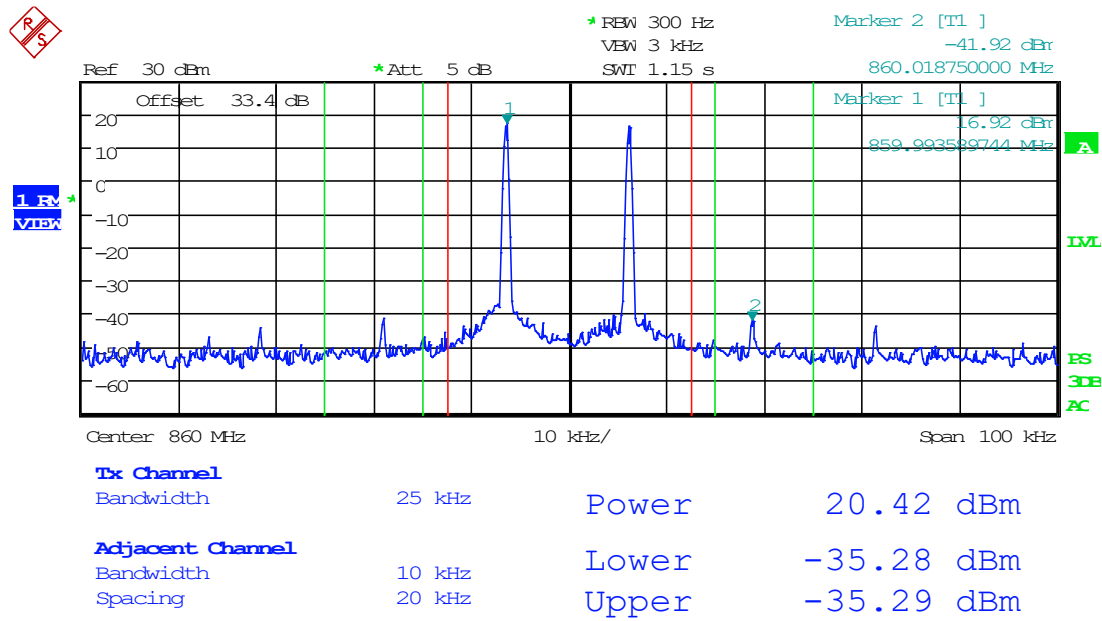
Date: 30.OCT.2024 15:26:47

8.7.8 6.25 kHz Signal, Downlink, AGC+3dB, 860 MHz



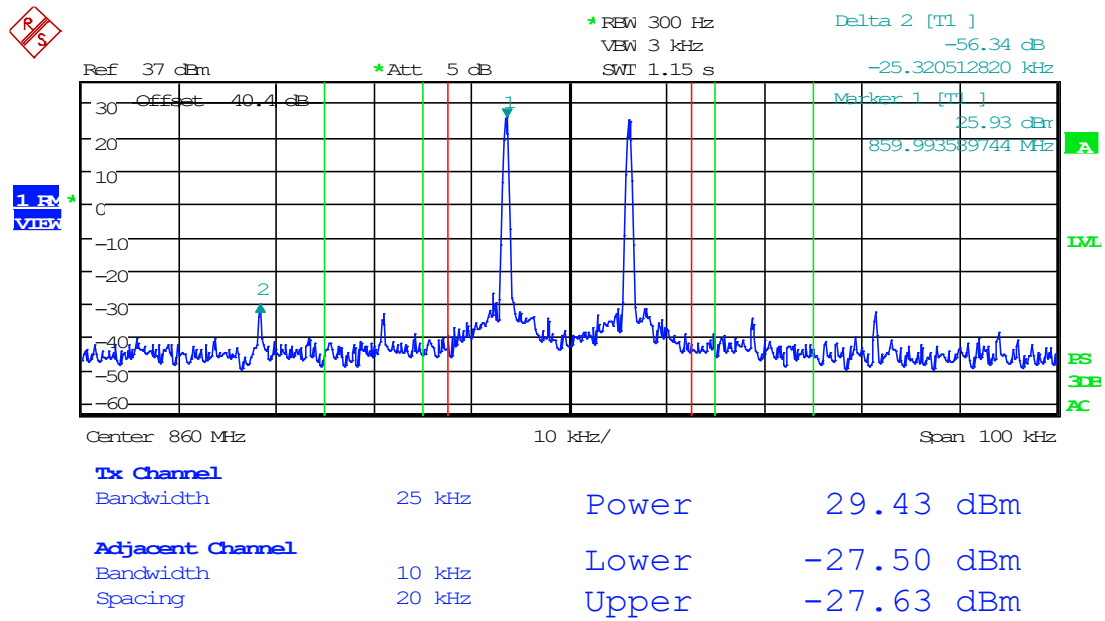
Date: 30.OCT.2024 16:00:34

8.7.9 12.5 kHz Signal, Downlink, AGC, 860 MHz



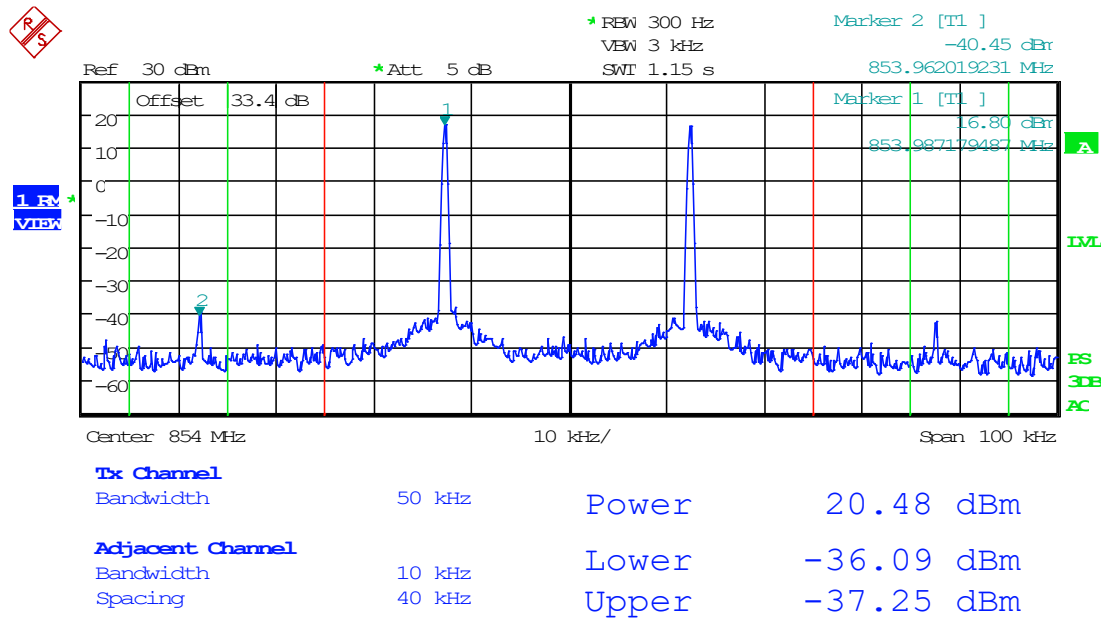
Date: 30.OCT.2024 15:40:22

8.7.10 12.5 kHz Signal, Downlink, AGC+3dB, 860 MHz



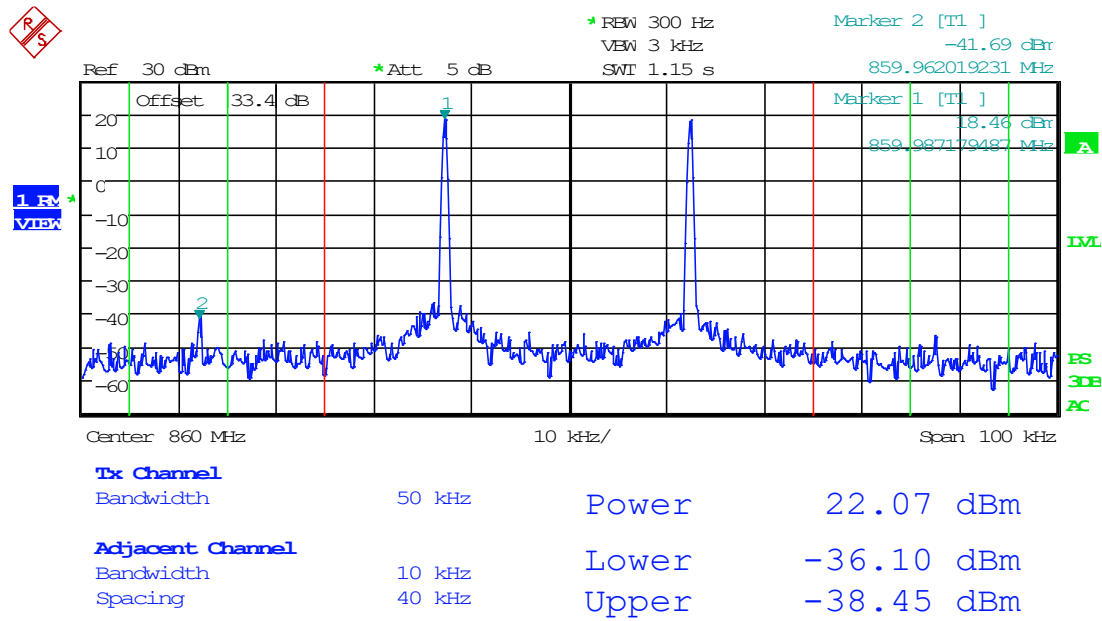
Date: 30.OCT.2024 15:53:54

8.7.11 25 kHz Signal, Downlink, AGC, 860 MHz



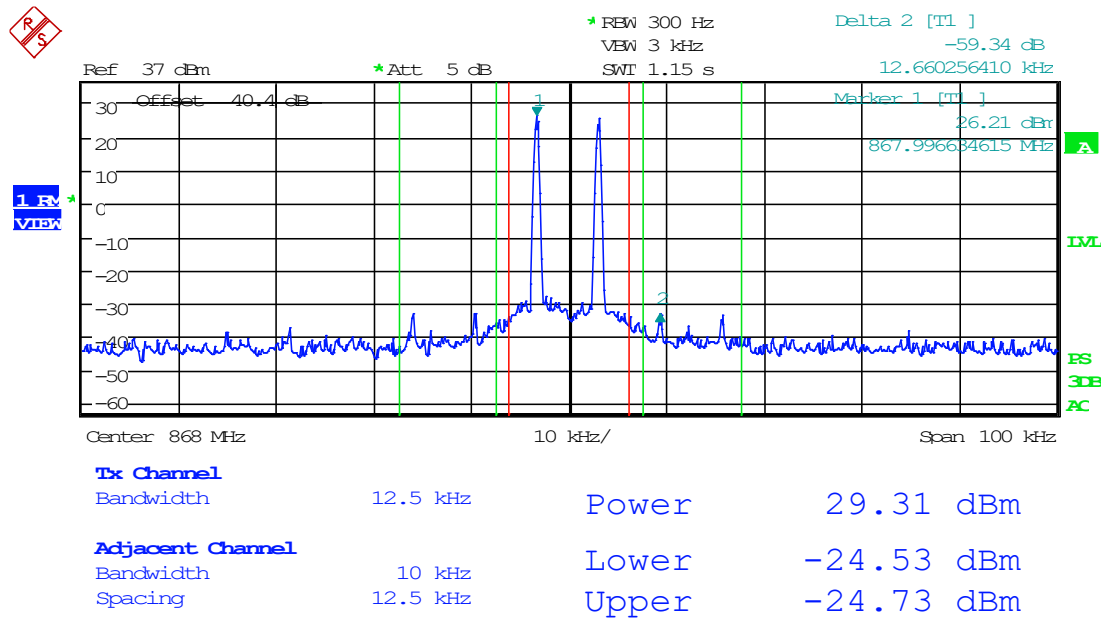
Date: 30.OCT.2024 15:42:41

8.7.12 25 kHz Signal, Downlink, AGC+3dB, 860 MHz



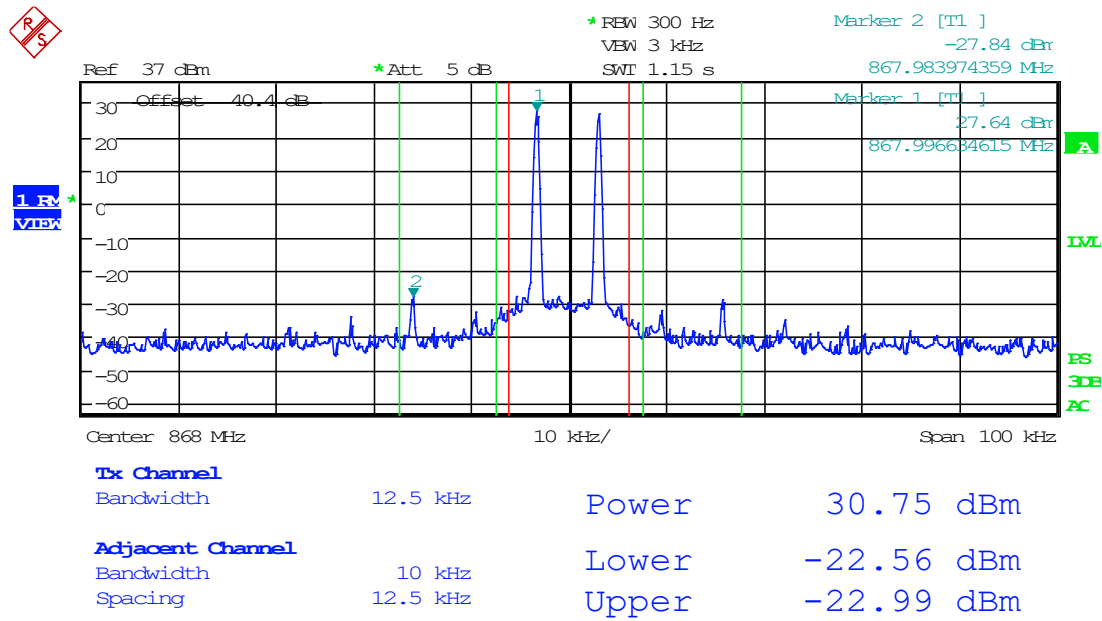
Date: 30.OCT.2024 15:50:00

8.7.13 6.25 kHz Signal, Downlink, AGC, 868 MHz



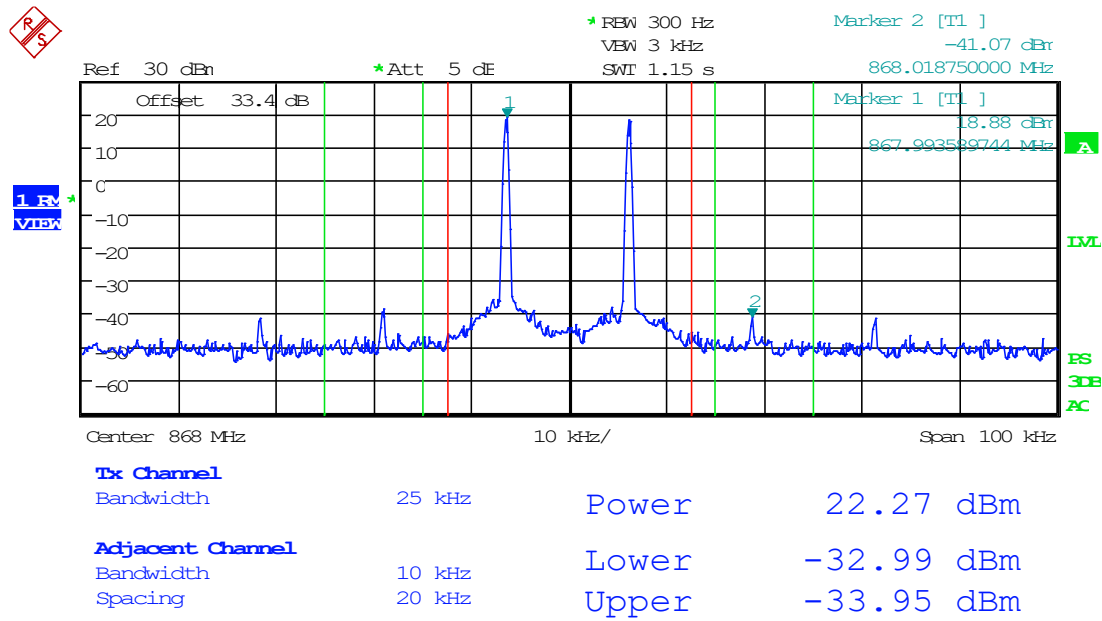
Date: 30.OCT.2024 15:29:11

8.7.14 6.25 kHz Signal, Downlink, AGC+3dB, 868 MHz



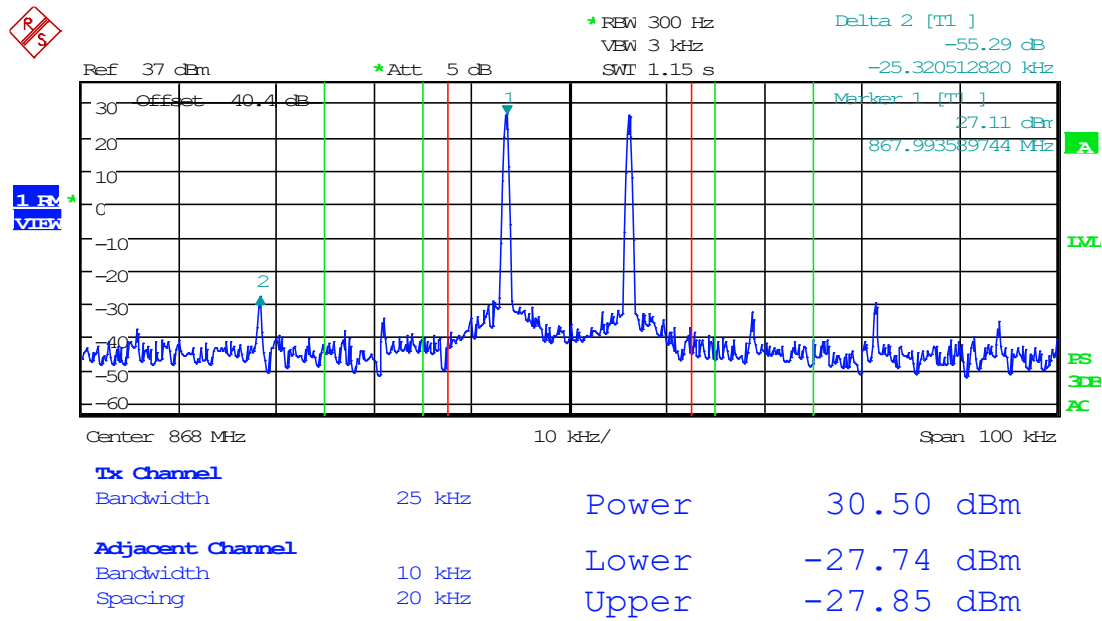
Date: 30.OCT.2024 15:57:32

8.7.15 12.5 kHz Signal, Downlink, AGC, 868 MHz



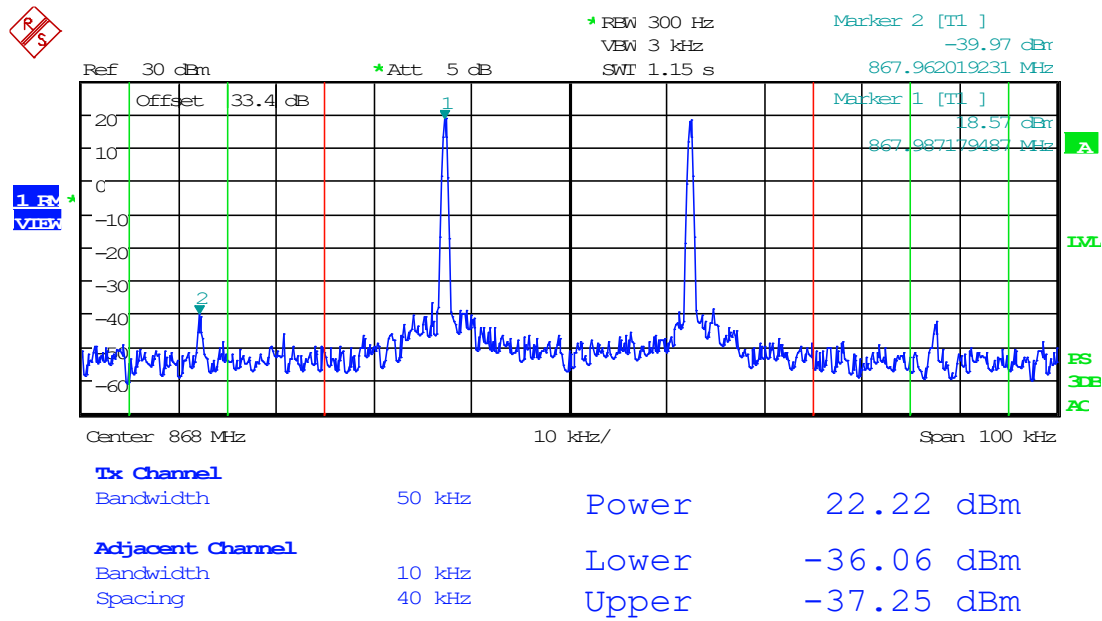
Date: 30.OCT.2024 15:38:18

8.7.16 12.5 kHz Signal, Downlink, AGC+3dB, 868 MHz



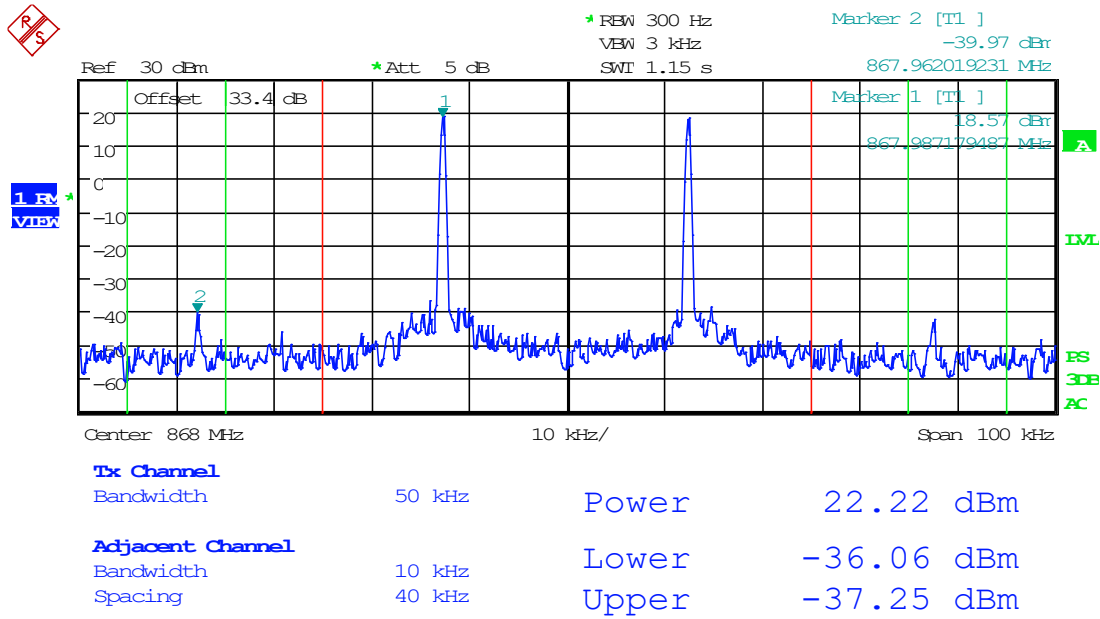
Date: 30.OCT.2024 15:55:11

8.7.17 25 kHz Signal, Downlink, AGC, 868 MHz



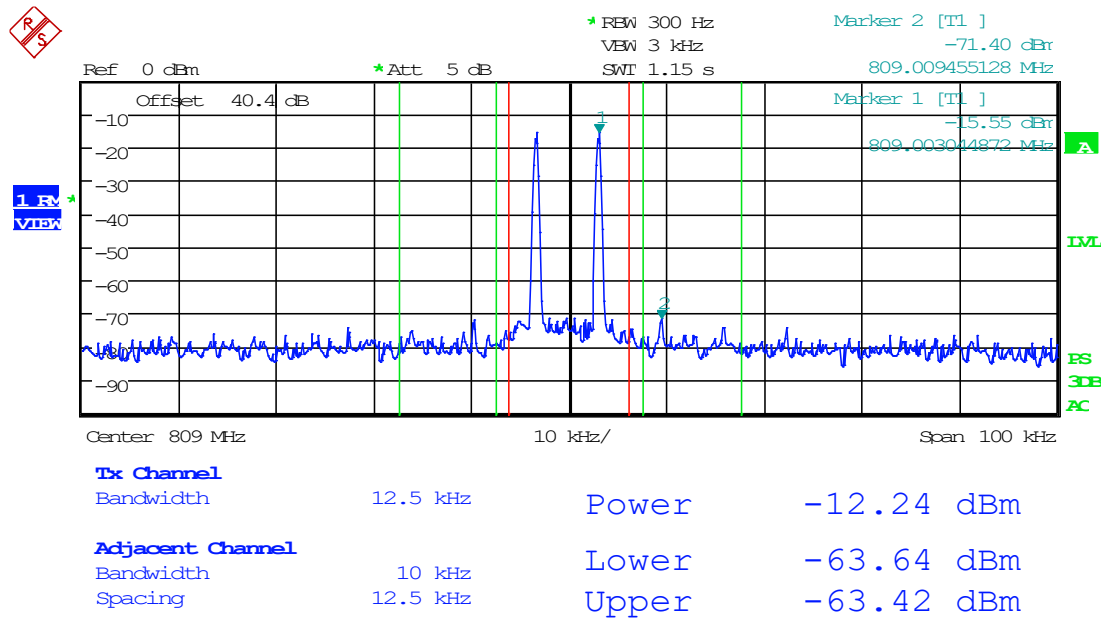
Date: 30.OCT.2024 15:44:39

8.7.18 25 kHz Signal, Downlink, AGC+3dB, 868 MHz



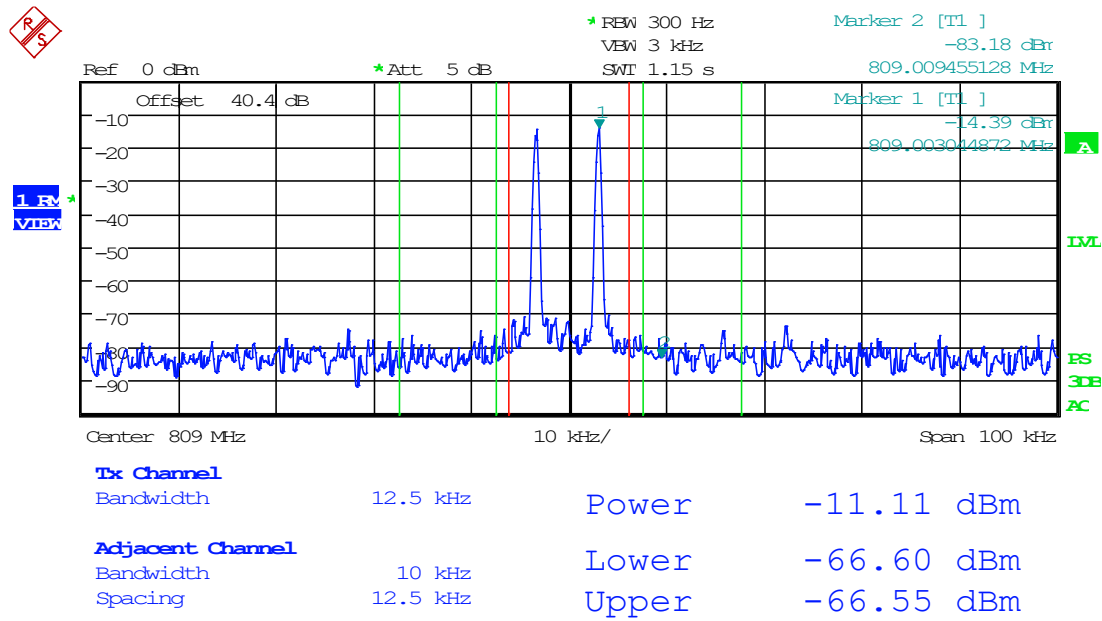
Date: 30.OCT.2024 15:44:39

8.7.19 6.25 kHz Signal, Uplink, AGC, 809 MHz



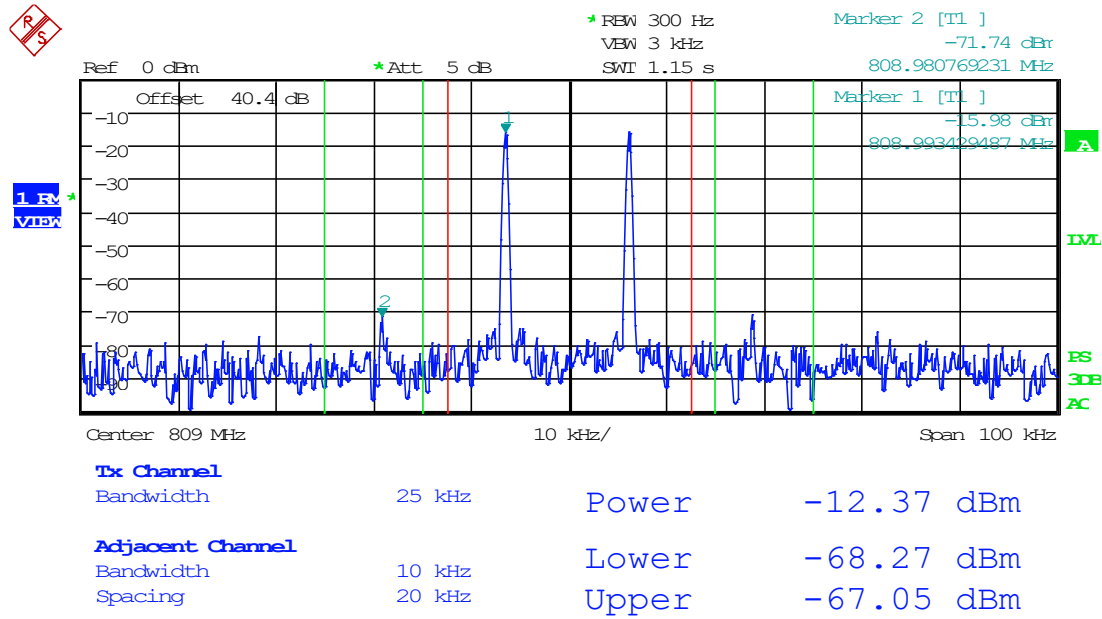
Date: 4.NOV.2024 15:59:28

8.7.20 6.25 kHz Signal, Uplink, AGC+3dB, 809 MHz



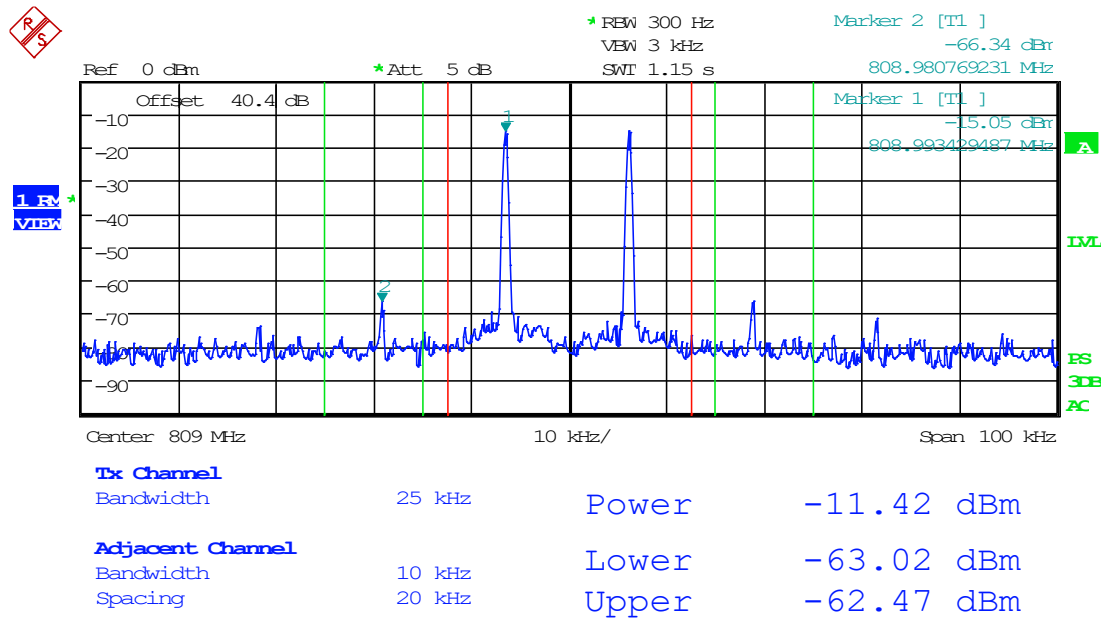
Date: 4.NOV.2024 15:59:50

8.7.21 12.5 kHz Signal, Uplink, AGC, 809 MHz



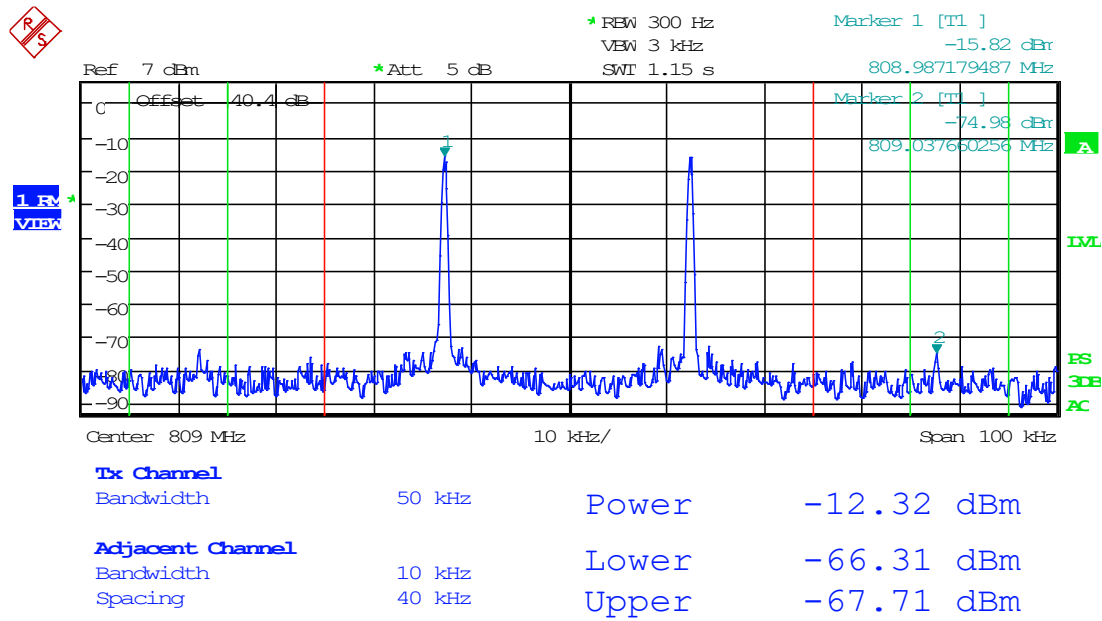
Date: 4.NOV.2024 16:06:48

8.7.22 12.5 kHz Signal, Uplink, AGC+3dB, 809 MHz



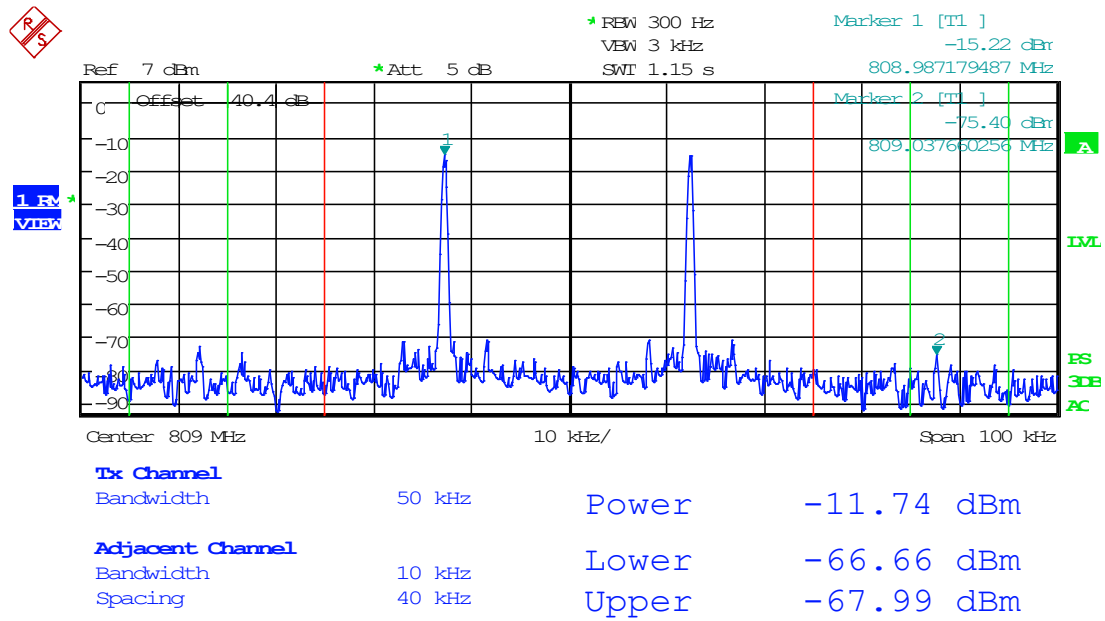
Date: 4.NOV.2024 16:06:25

8.7.23 25 kHz Signal, Uplink, AGC, 809 MHz



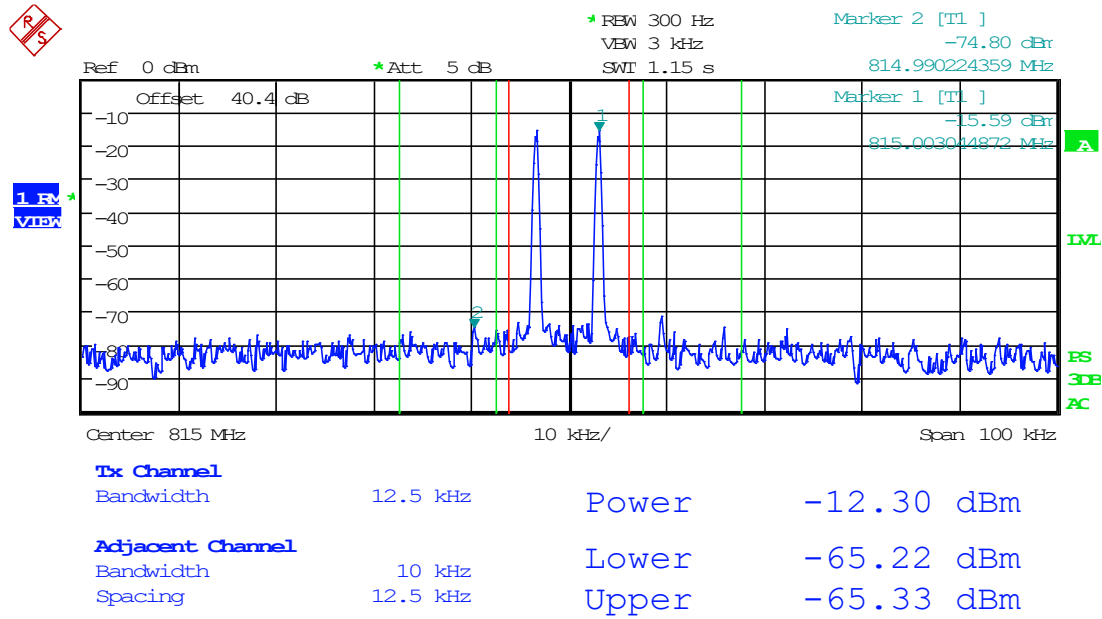
Date: 4.NOV.2024 16:07:47

8.7.24 25 kHz Signal, Uplink, AGC+3dB, 809 MHz



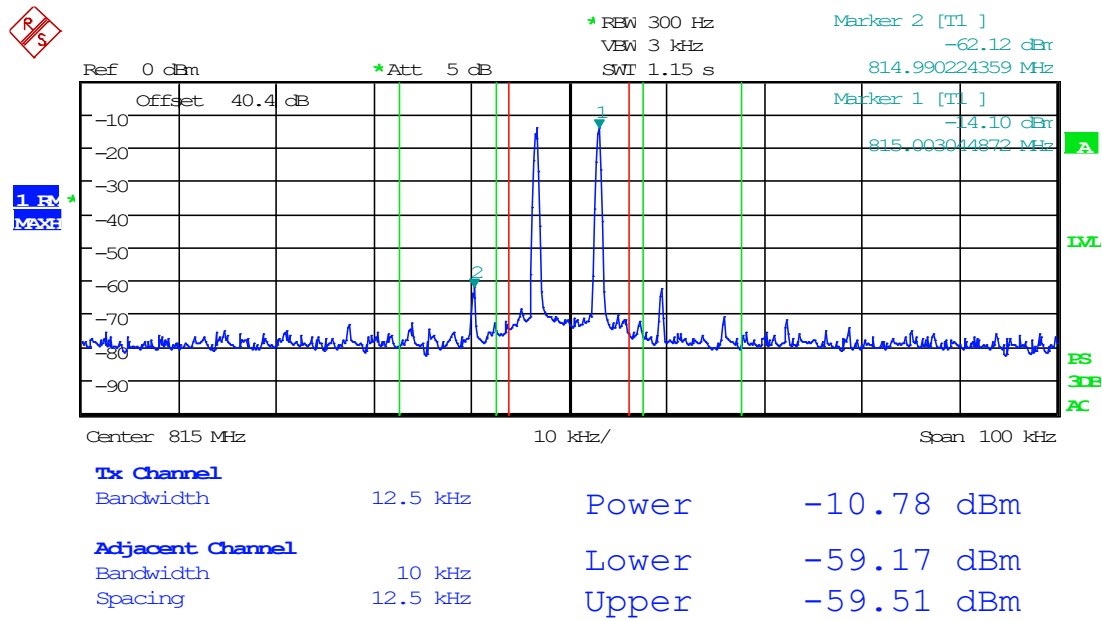
Date: 4.NOV.2024 16:08:08

8.7.25 6.25 kHz Signal, Uplink, AGC, 815 MHz



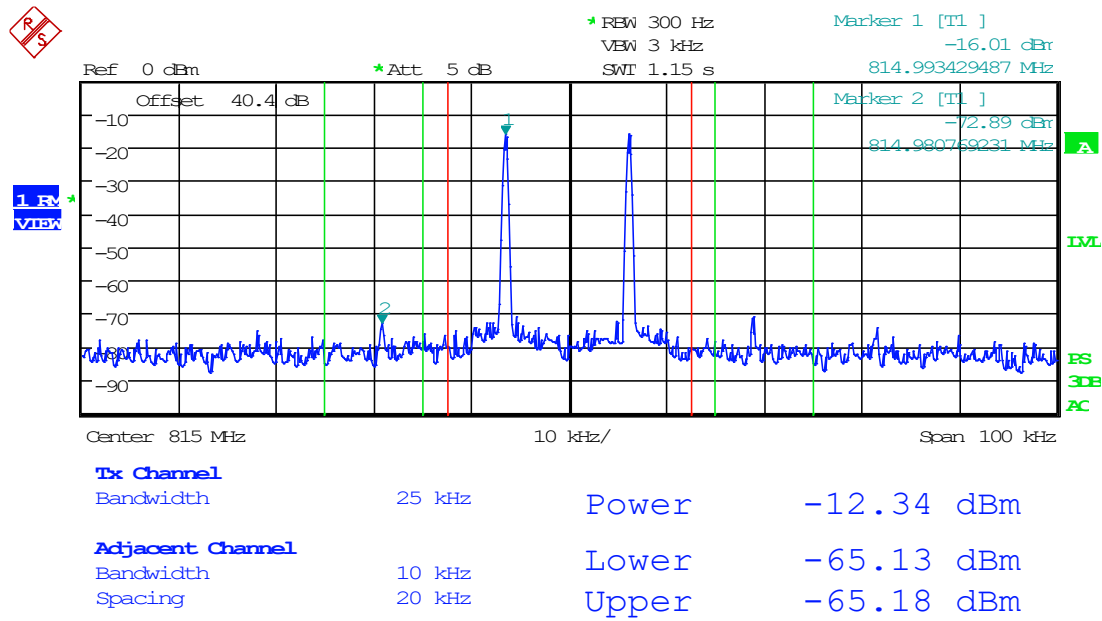
Date: 4.NOV.2024 16:01:14

8.7.26 6.25 kHz Signal, Uplink, AGC+3dB, 815 MHz



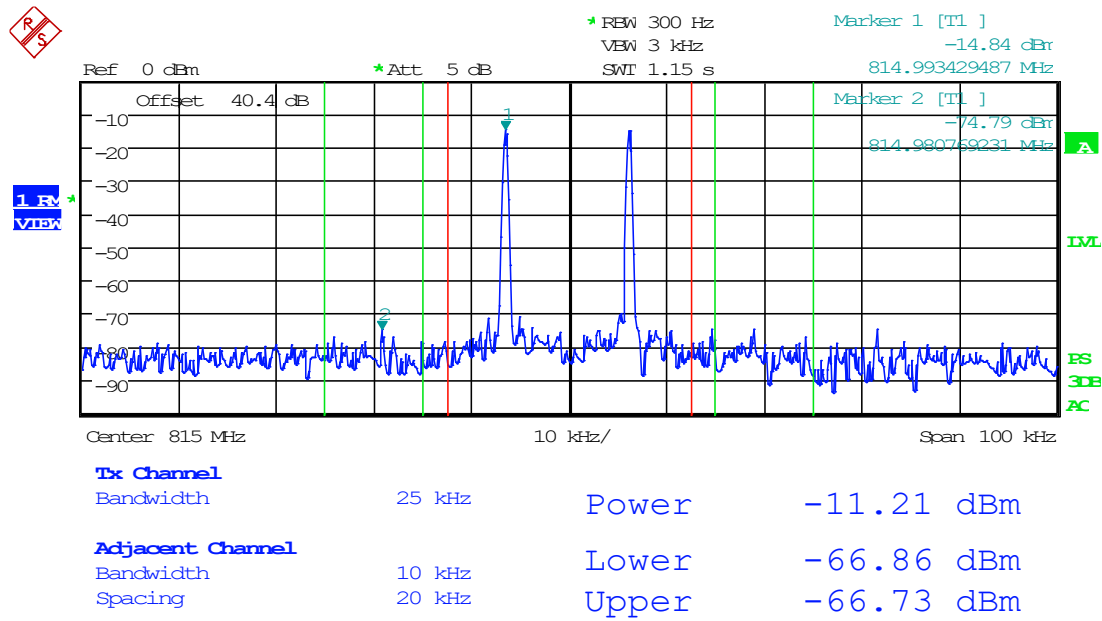
Date: 4.NOV.2024 16:00:53

8.7.27 12.5 kHz Signal, Uplink, AGC, 815 MHz



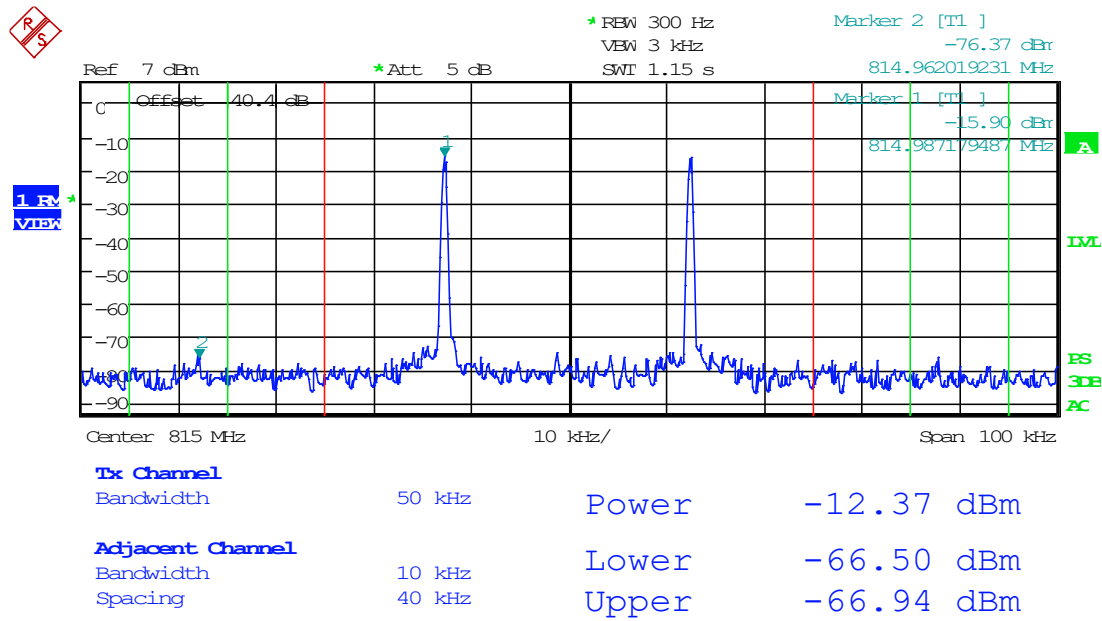
Date: 4.NOV.2024 16:05:08

8.7.28 12.5 kHz Signal, Uplink, AGC+3dB, 815 MHz



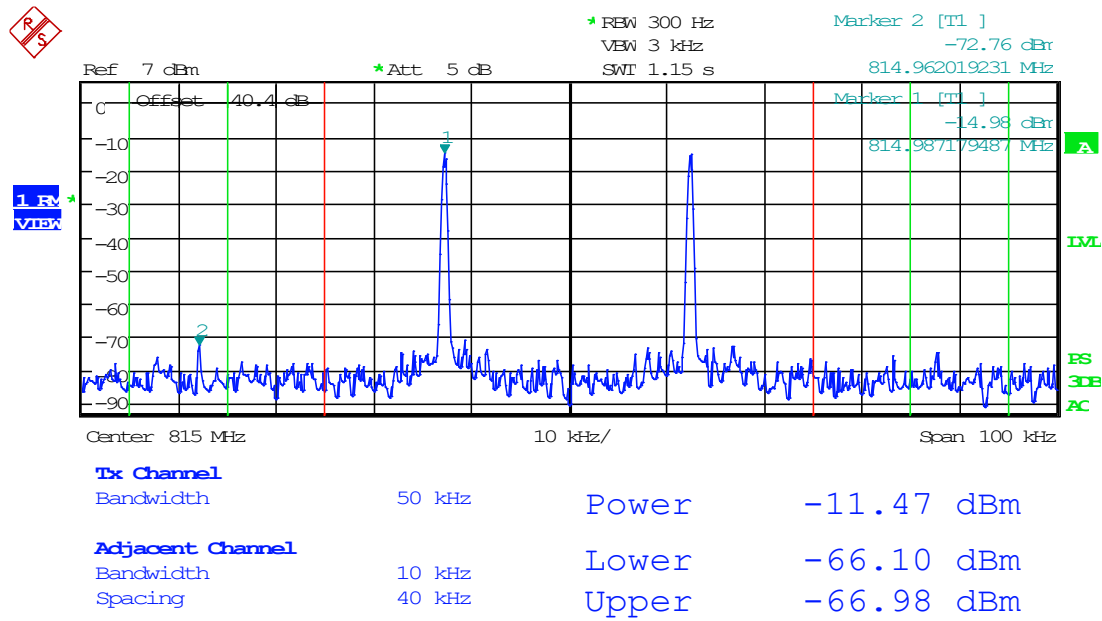
Date: 4.NOV.2024 16:05:26

8.7.29 25 kHz Signal, Uplink, AGC, 815 MHz



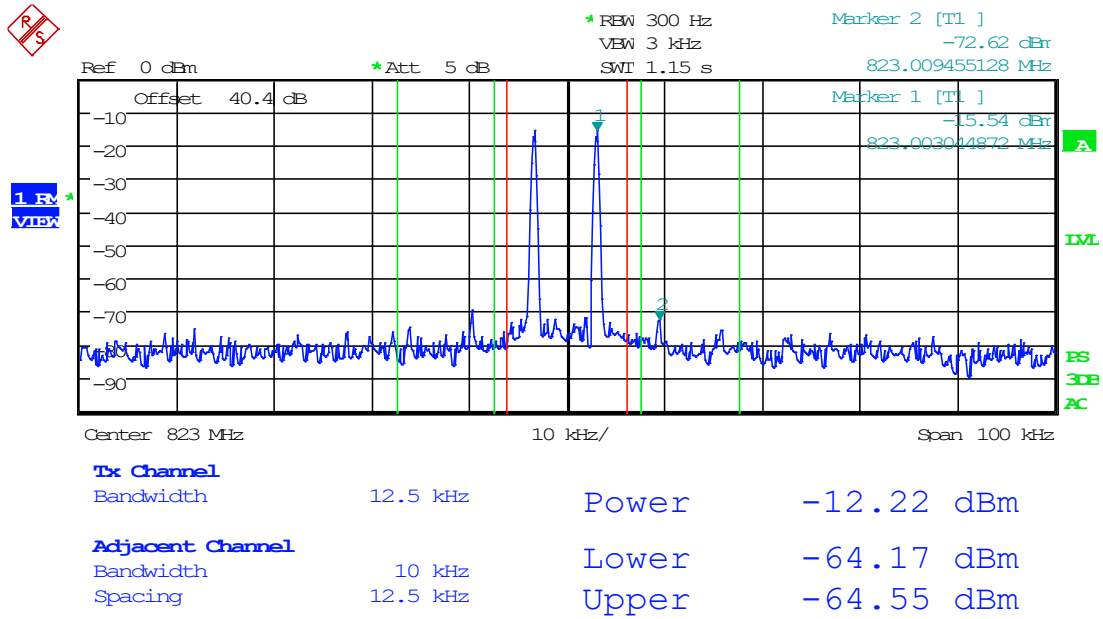
Date: 4.NOV.2024 16:09:20

8.7.30 25 kHz Signal, Uplink, AGC+3dB, 815 MHz



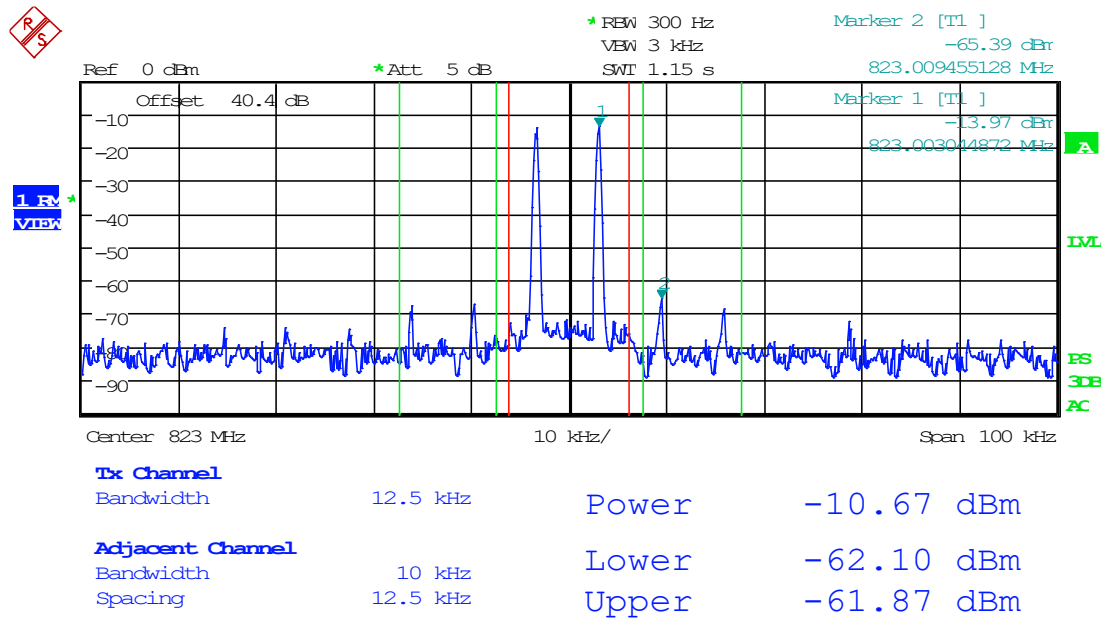
Date: 4.NOV.2024 16:08:53

8.7.31 6.25 kHz Signal, Uplink, AGC, 823 MHz



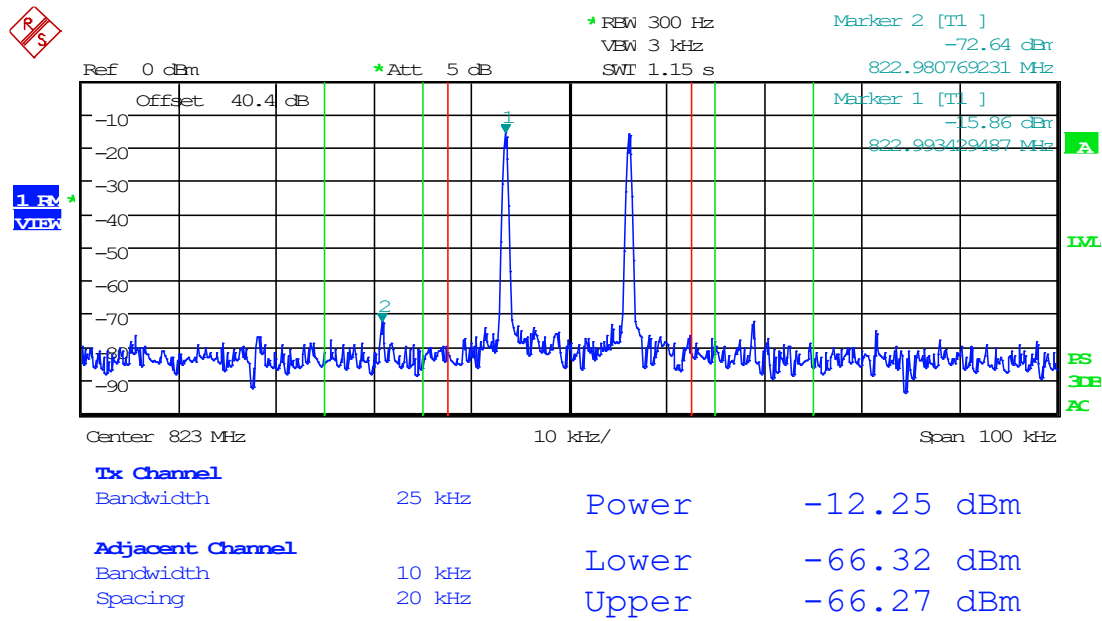
Date: 4.NOV.2024 16:01:59

8.7.32 6.25 kHz Signal, Uplink, AGC+3dB, 823 MHz



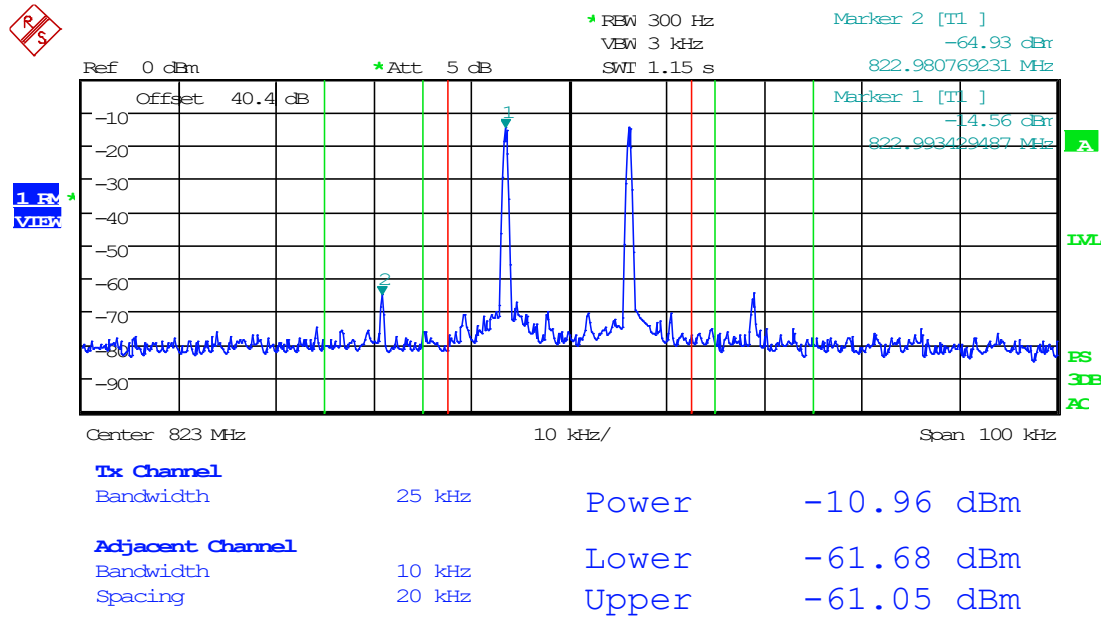
Date: 4.NOV.2024 16:02:21

8.7.33 12.5 kHz Signal, Uplink, AGC, 823 MHz



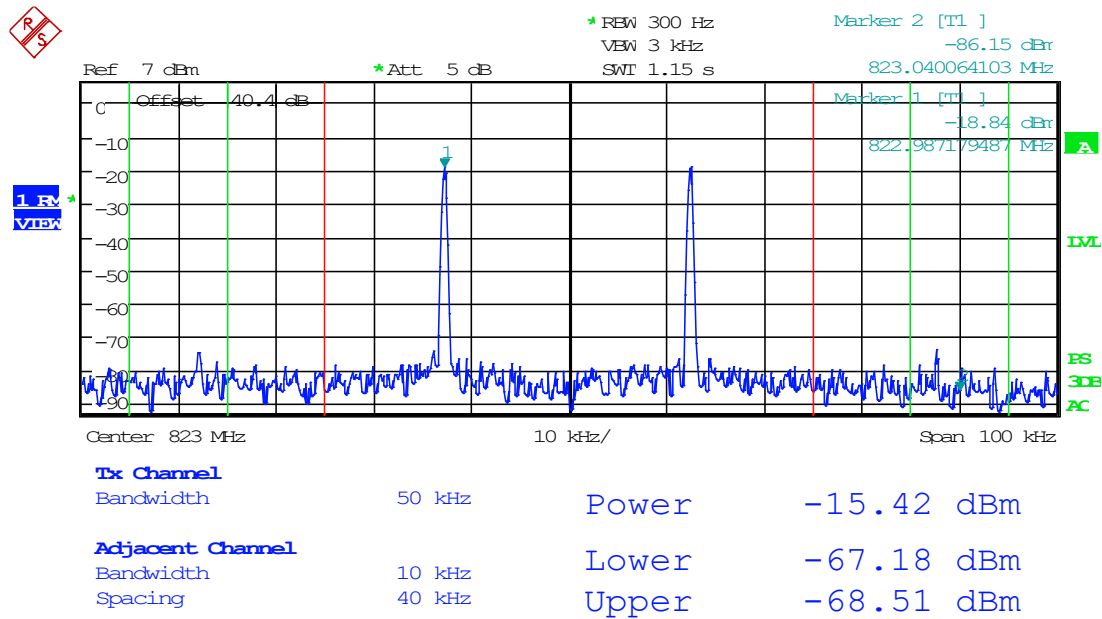
Date: 4.NOV.2024 16:04:28

8.7.34 12.5 kHz Signal, Uplink, AGC+3dB, 823 MHz



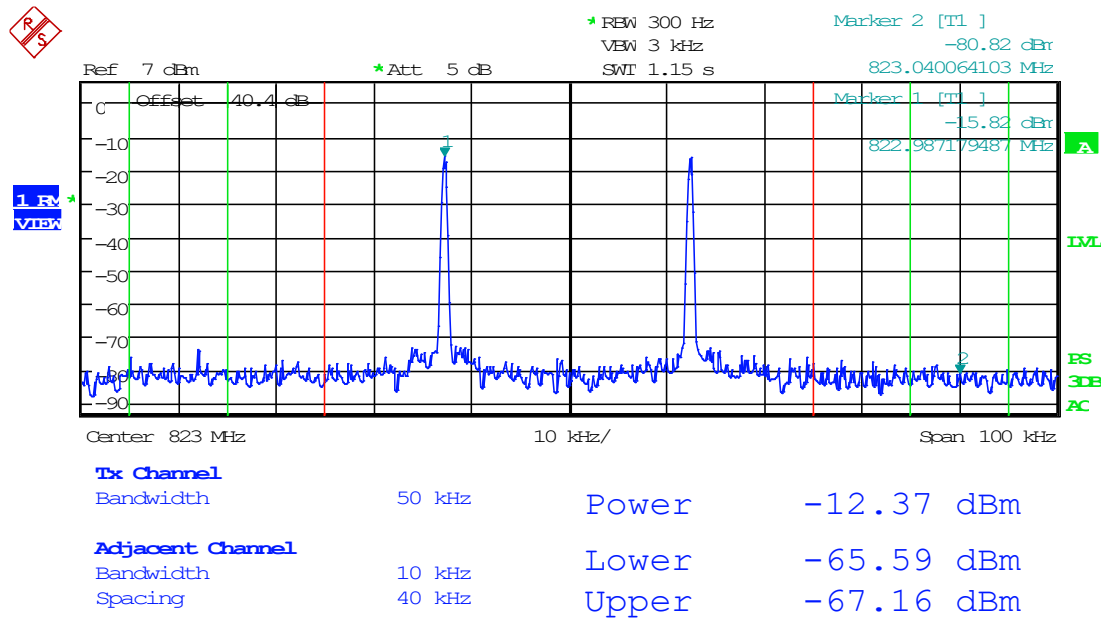
Date: 4.NOV.2024 16:04:04

8.7.35 25 kHz Signal, Uplink, AGC, 823 MHz



Date: 4.NOV.2024 16:11:04

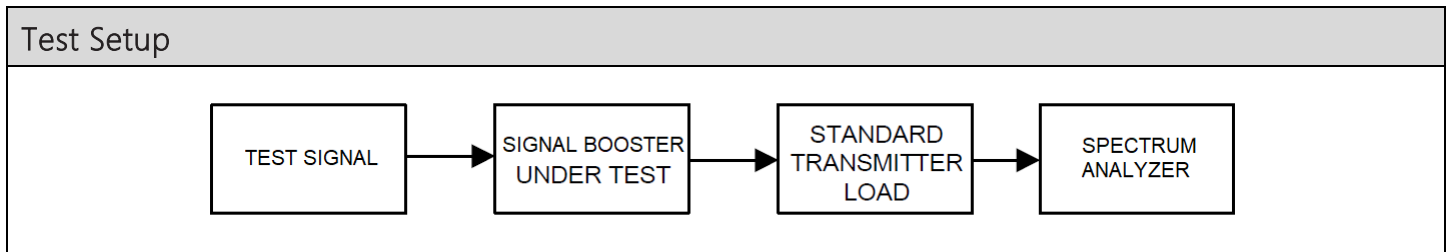
8.7.36 25 kHz Signal, Uplink, AGC+3dB, 823 MHz



Date: 4.NOV.2024 16:10:38

8.8 Emission Mask, Out-of-Band

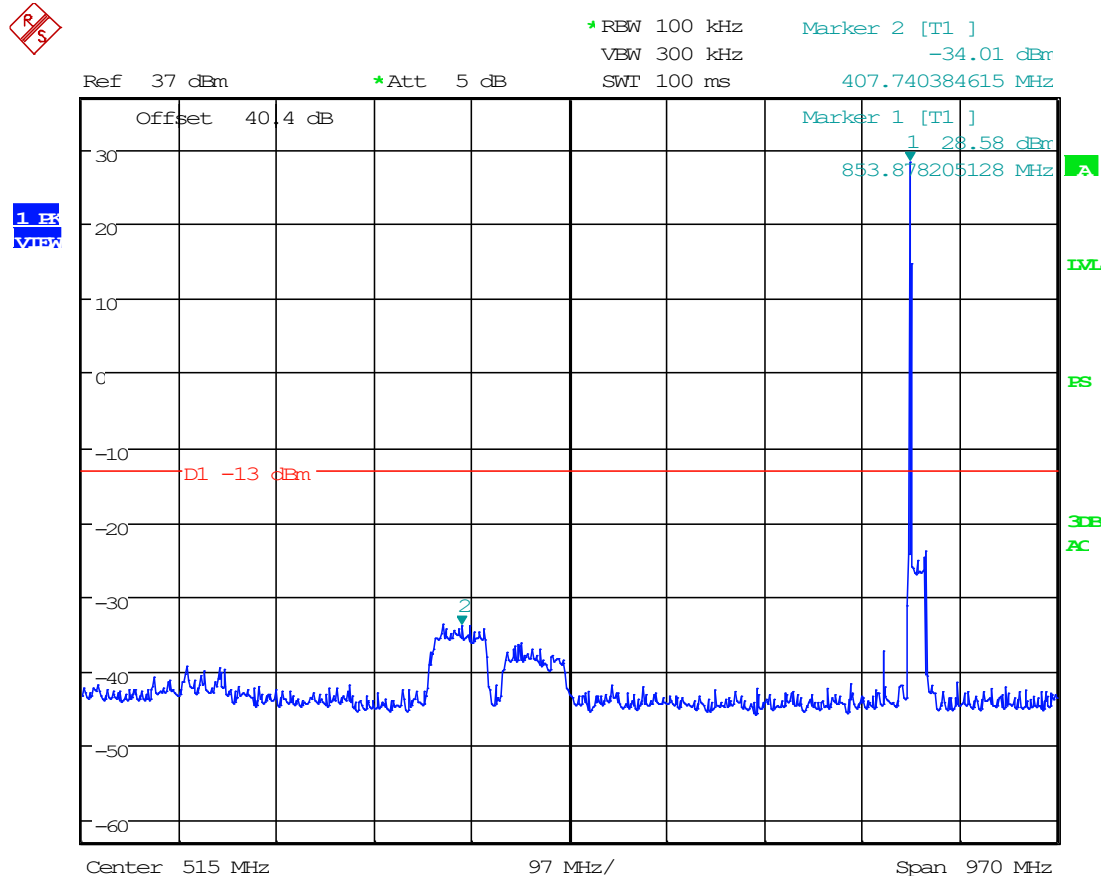
Limits from FCC Parts 2.1051, FCC Pt. 90.219(e)(3) and test procedure from ANSI C63.26-2015 and FCC KDB 935210 D05 v01r04 Industrial Signal Boosters.



Note: Testing was done simultaneously on all combinations of Uplinks and Downlinks to address co-location of signals.

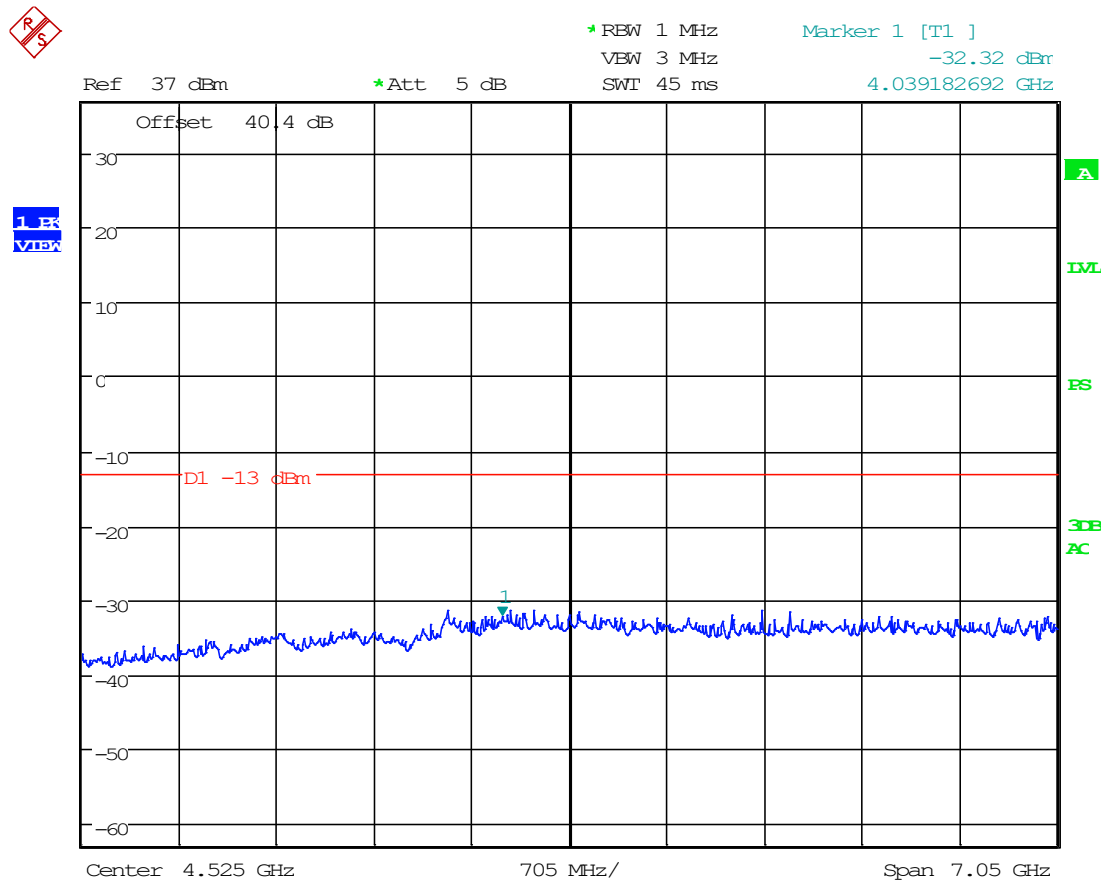
Conducted Emissions Spectrum Plots

8.8.1 30 MHz to 1 GHz, Downlink, 854 MHz



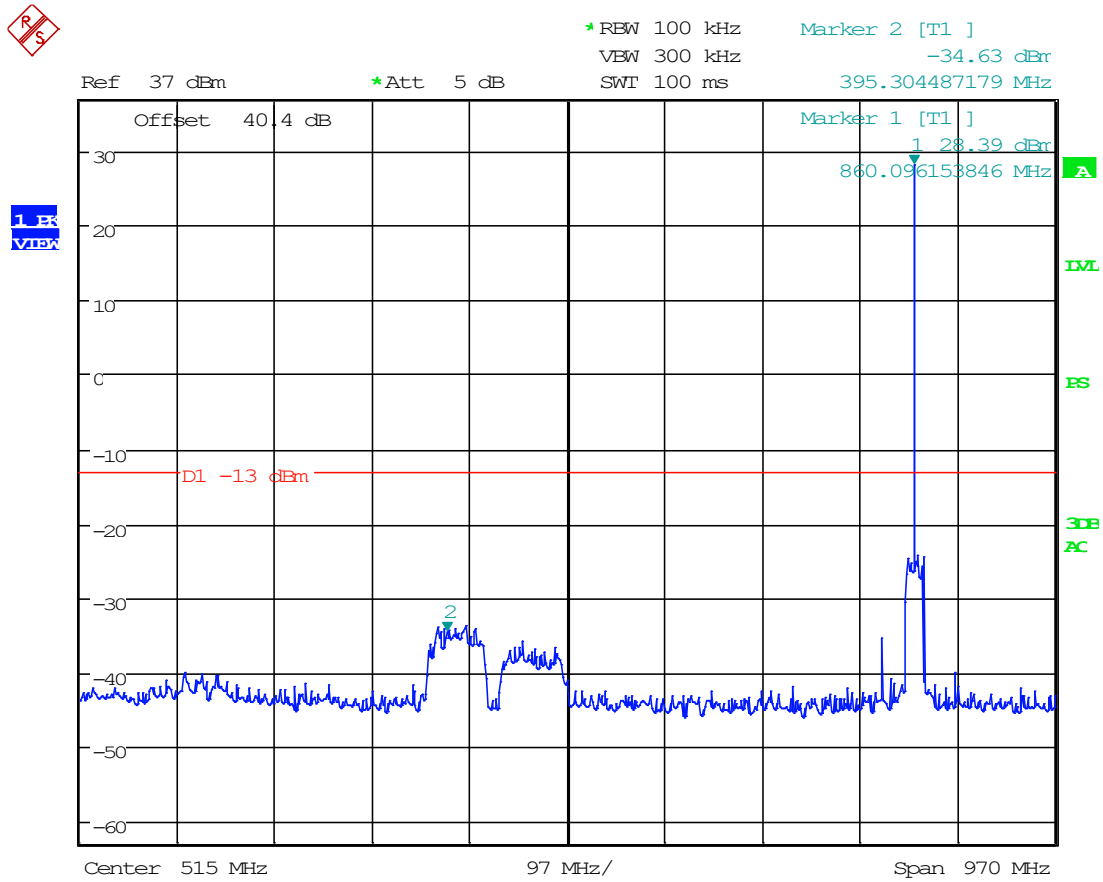
Date: 30.OCT.2024 15:11:10

8.8.2 1 GHz to 10th Harmonic, Downlink, 854 MHz



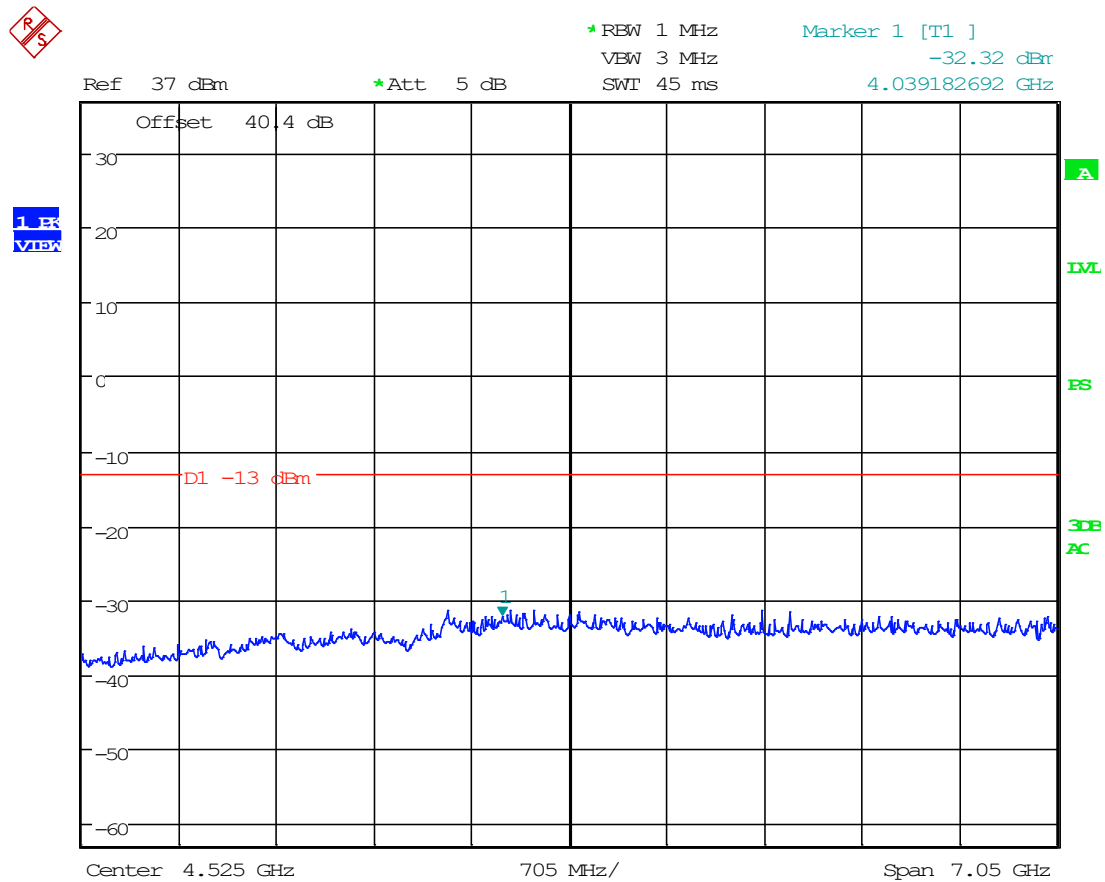
Date: 30.OCT.2024 15:13:33

8.8.3 30 MHz to 1 GHz, Downlink, 860 MHz



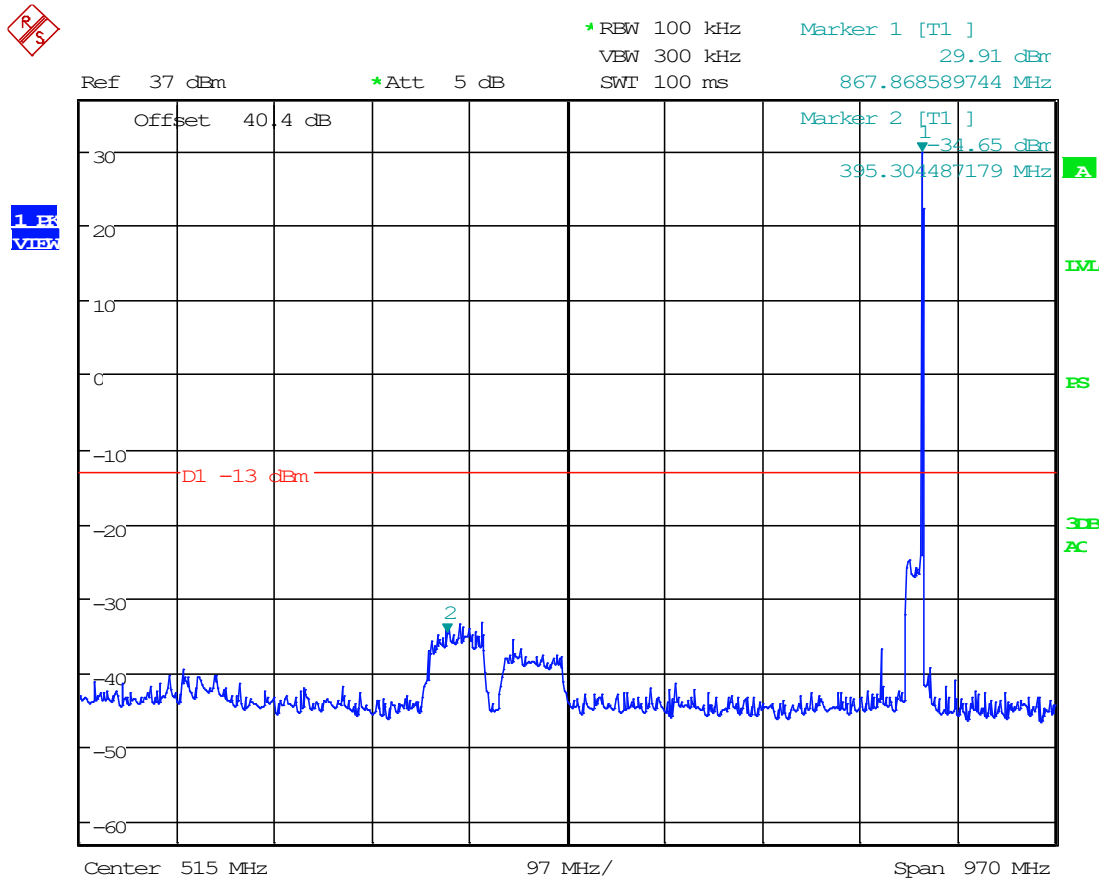
Date: 30.OCT.2024 15:11:58

8.8.4 1 GHz to 10th Harmonic, Downlink, 860 MHz



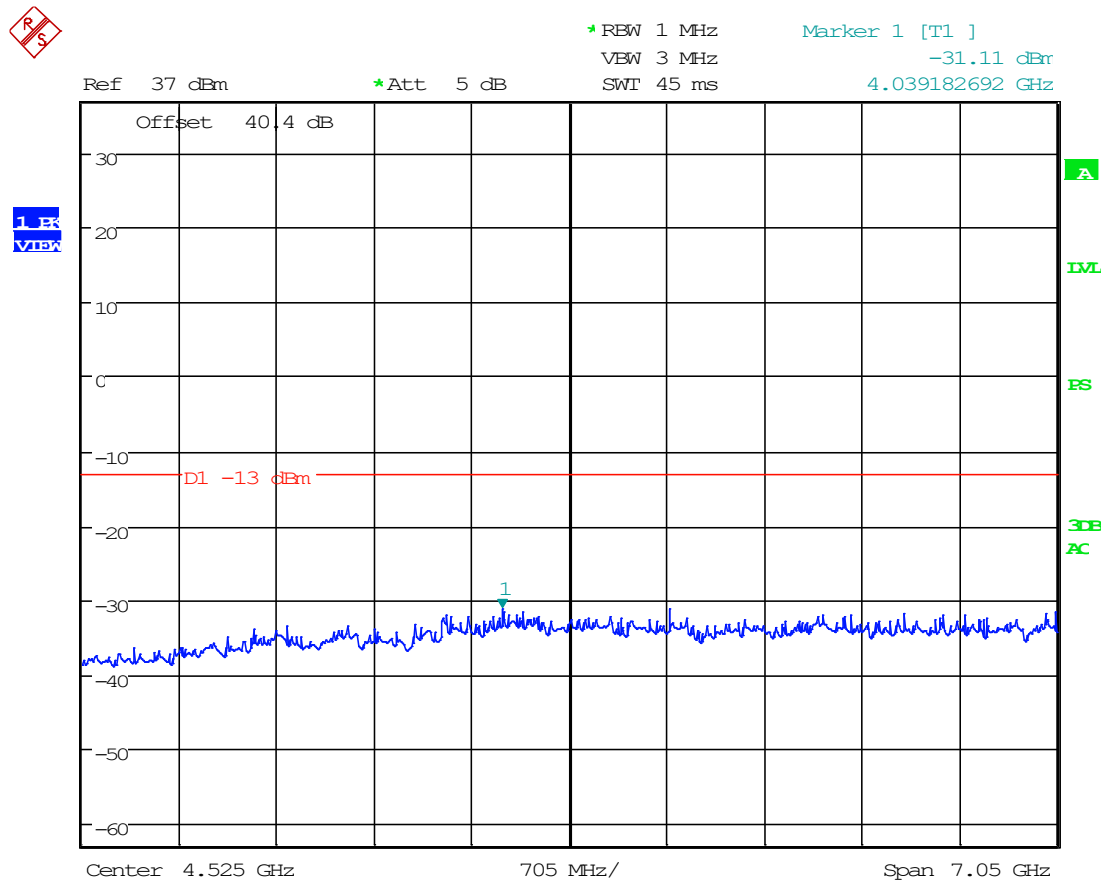
Date: 30.OCT.2024 15:13:33

8.8.5 30 MHz to 1 GHz, Downlink, 868 MHz



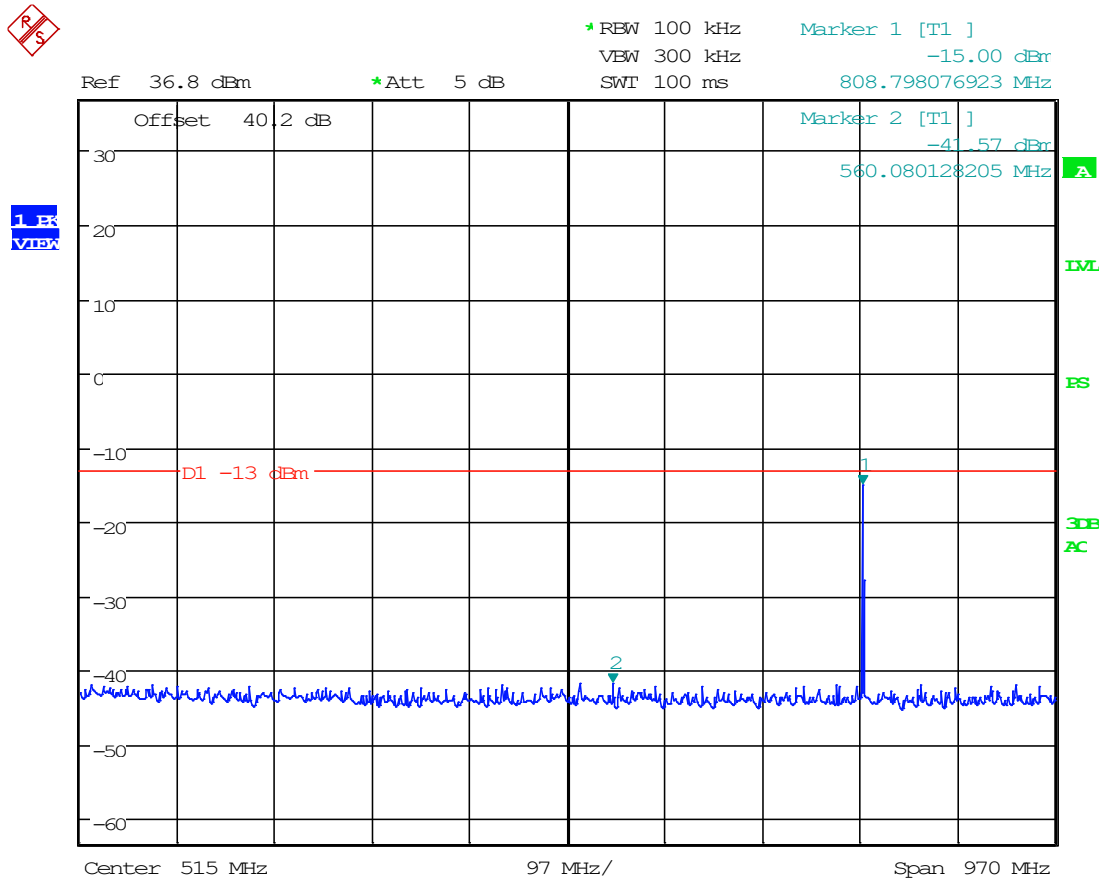
Date: 30.OCT.2024 15:12:22

8.8.6 1 GHz to 10th Harmonic, Downlink, 868 MHz



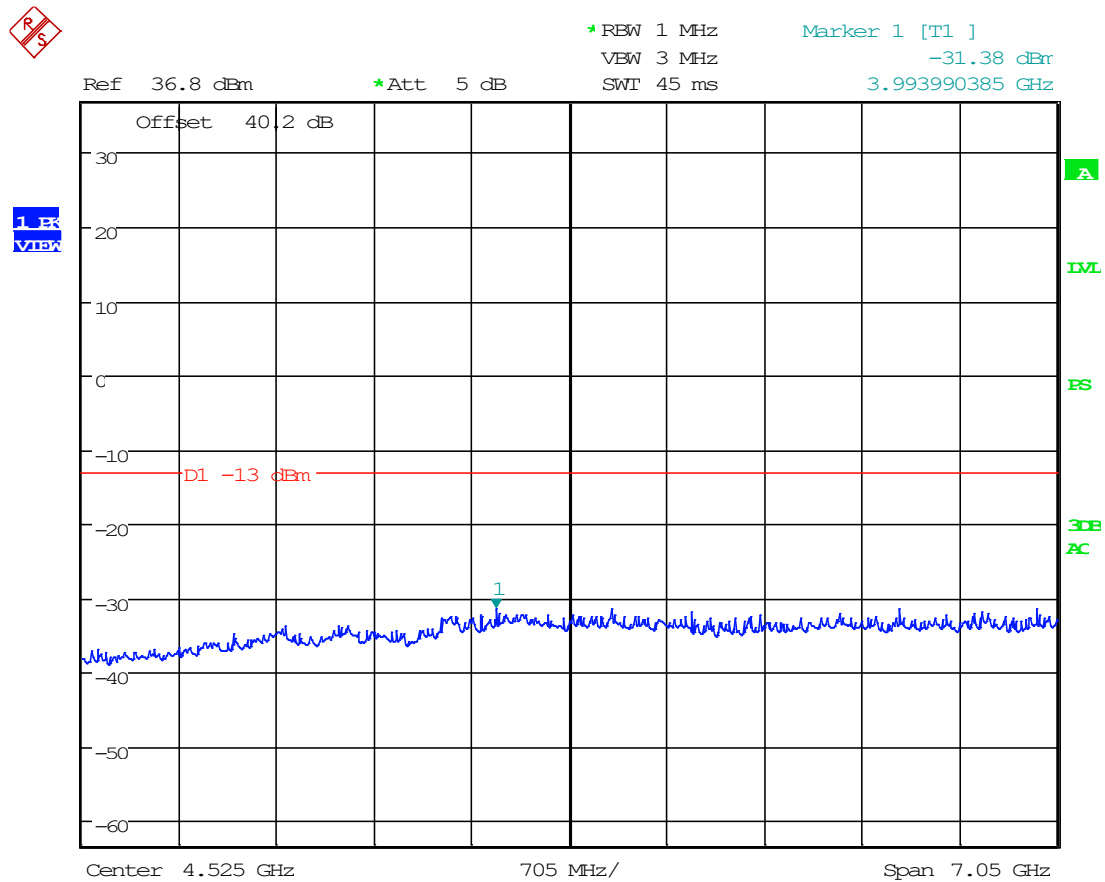
Date: 30.OCT.2024 15:13:16

8.8.7 30 MHz to 1 GHz, Uplink, 809 MHz



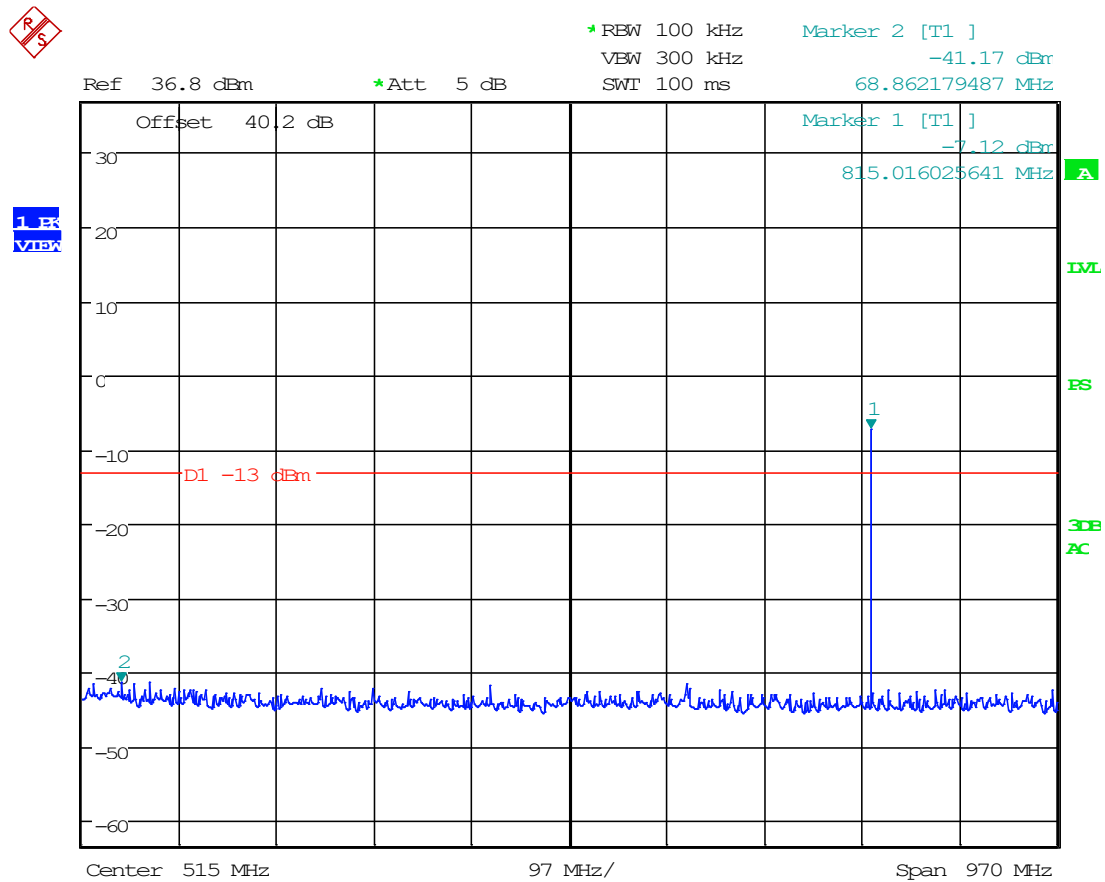
Date: 3.JAN.2025 13:41:36

8.8.8 1 GHz to 10th Harmonic, Uplink, 809 MHz



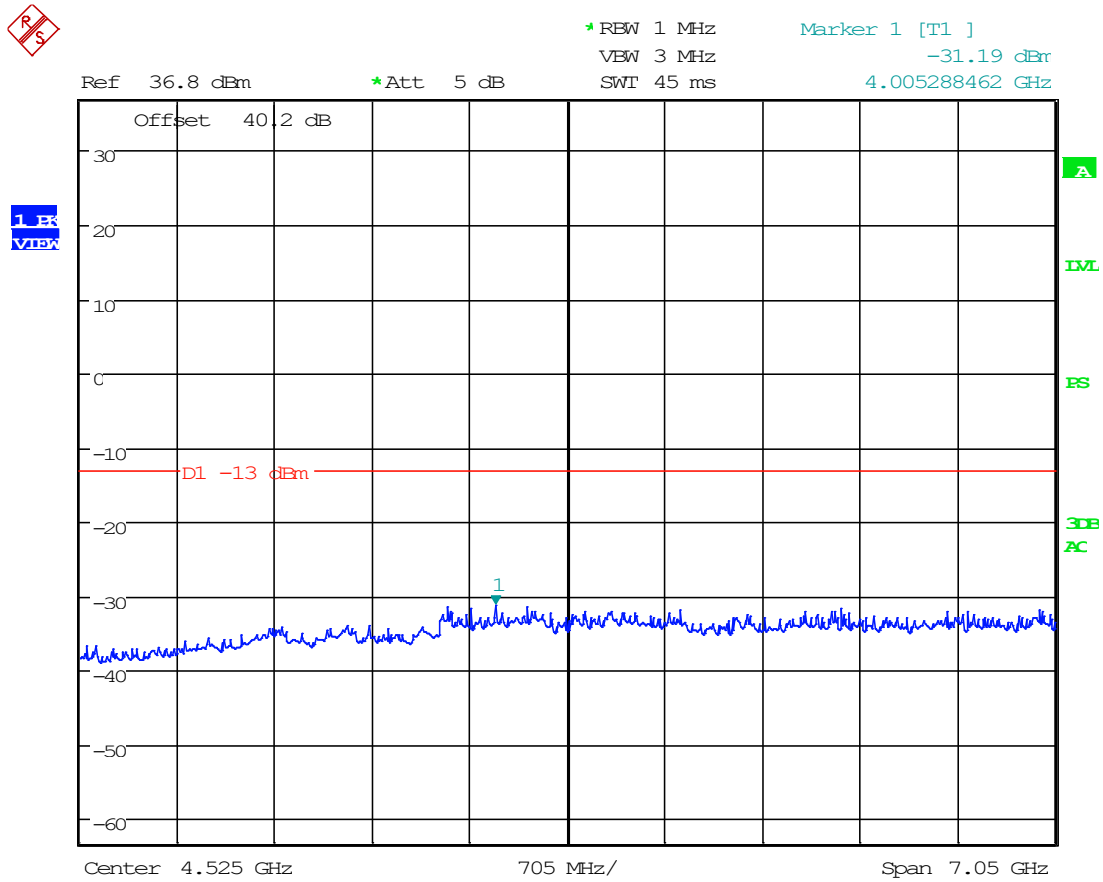
Date: 3.JAN.2025 13:45:20

8.8.9 30 MHz to 1 GHz, Uplink, 815 MHz



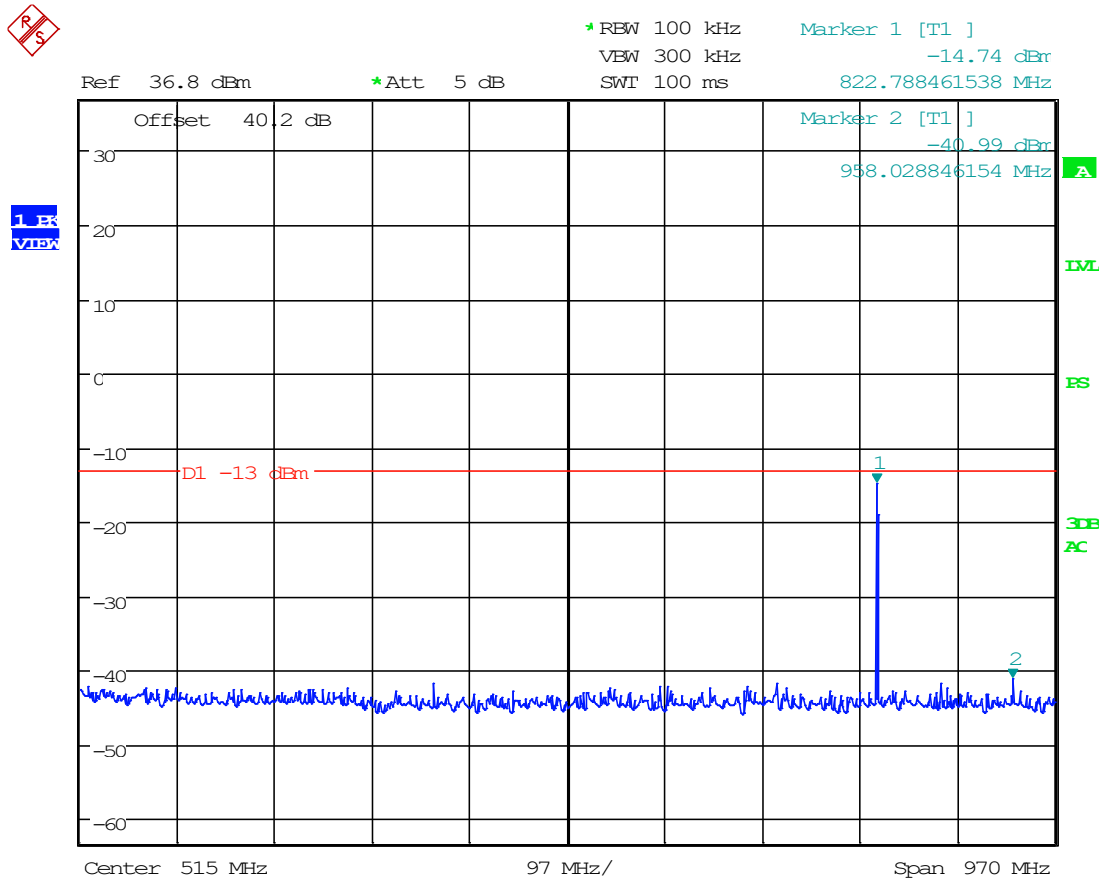
Date: 3.JAN.2025 13:42:20

8.8.10 1 GHz to 10th Harmonic, Uplink, 815 MHz



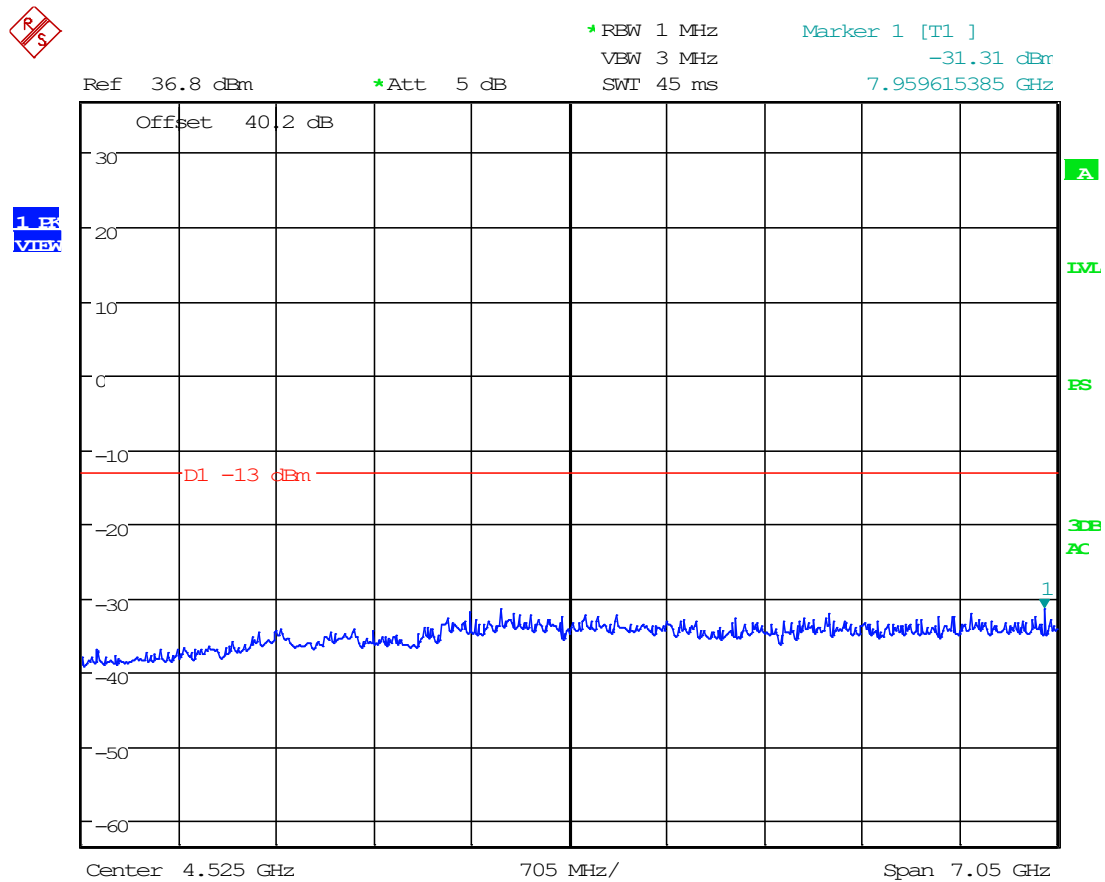
Date: 3.JAN.2025 13:44:52

8.8.11 30 MHz to 1 GHz, Uplink, 823 MHz



Date: 3.JAN.2025 13:43:25

8.8.12 1 GHz to 10th Harmonic, Uplink, 823 MHz

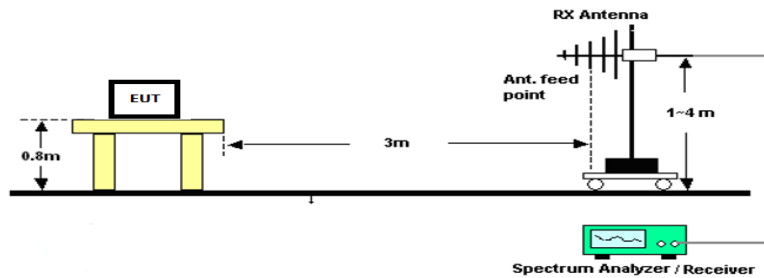


Date: 3.JAN.2025 13:44:21

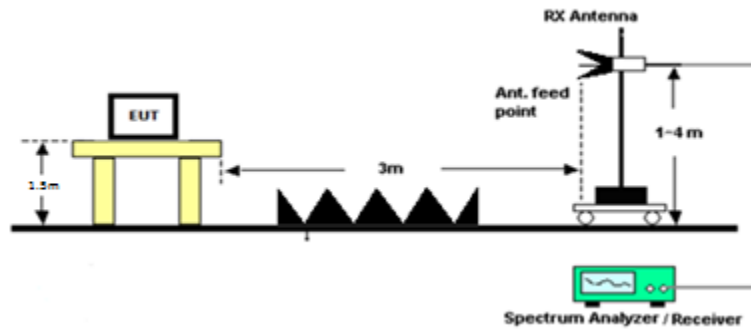
8.9 Spurious Radiated Emissions

Limits from FCC Parts 2.1053, 90.210 and test procedure from ANSI C63.26-2015 and FCC KDB 935210 D05 v01r04 Industrial Signal Boosters.

Radiated Test Setup, 30 – 1000 MHz



Radiated Test Setup, Above 1000 MHz



Radiated Emissions, Tabular Data

8.9.1 Downlink, 854 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
854.00	1708.00	PK	21.70	H	-4.74	29.38	3.00	46.33	-51.04	-13.00	38.04
854.00	1708.00	PK	21.70	V	-4.74	29.38	3.00	46.33	-51.04	-13.00	38.04
854.00	2562.00	PK	23.80	H	-6.04	32.58	3.00	50.34	-47.04	-13.00	34.04
854.00	2562.00	PK	24.10	V	-6.04	32.58	3.00	50.64	-46.74	-13.00	33.74
854.00	3416.00	PK	21.50	H	-6.97	32.55	3.00	47.08	-50.30	-13.00	37.30
854.00	3416.00	PK	22.50	V	-6.97	32.55	3.00	48.08	-49.30	-13.00	36.30
854.00	4270.00	PK	22.00	H	-7.80	33.47	3.00	47.67	-49.71	-13.00	36.71
854.00	4270.00	PK	21.90	V	-7.80	33.47	3.00	47.57	-49.81	-13.00	36.81
854.00	5124.00	PK	21.80	H	-8.57	34.22	3.00	47.45	-49.93	-13.00	36.93
854.00	5124.00	PK	22.40	V	-8.57	34.22	3.00	48.05	-49.33	-13.00	36.33
854.00	5978.00	PK	22.60	H	-9.29	35.31	3.00	48.62	-48.76	-13.00	35.76
854.00	5978.00	PK	22.50	V	-9.29	35.31	3.00	48.52	-48.86	-13.00	35.86
854.00	6832.00	PK	24.10	H	-9.93	35.79	3.00	49.95	-47.42	-13.00	34.42
854.00	6832.00	PK	24.70	V	-9.93	35.79	3.00	50.55	-46.82	-13.00	33.82
854.00	7686.00	PK	25.90	H	-10.48	36.15	3.00	51.58	-45.80	-13.00	32.80
854.00	7686.00	PK	25.70	V	-10.48	36.15	3.00	51.38	-46.00	-13.00	33.00
854.00	8540.00	PK	27.30	H	-11.06	35.92	3.00	52.17	-45.21	-13.00	32.21
854.00	8540.00	PK	27.20	V	-11.06	35.92	3.00	52.07	-45.31	-13.00	32.31

8.9.2 Downlink, 860 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
860.00	1720.00	PK	21.60	H	-4.79	29.51	3.00	46.32	-51.06	-13.00	38.06
860.00	1720.00	PK	21.30	V	-4.79	29.51	3.00	46.02	-51.36	-13.00	38.36
860.00	2580.00	PK	23.90	H	-6.07	32.57	3.00	50.40	-46.97	-13.00	33.97
860.00	2580.00	PK	24.30	V	-6.07	32.57	3.00	50.80	-46.57	-13.00	33.57
860.00	3440.00	PK	21.60	H	-6.99	32.57	3.00	47.18	-50.20	-13.00	37.20
860.00	3440.00	PK	21.60	V	-6.99	32.57	3.00	47.18	-50.20	-13.00	37.20
860.00	4300.00	PK	22.40	H	-7.83	33.51	3.00	48.08	-49.30	-13.00	36.30
860.00	4300.00	PK	21.50	V	-7.83	33.51	3.00	47.18	-50.20	-13.00	37.20
860.00	5160.00	PK	22.10	H	-8.60	34.24	3.00	47.75	-49.63	-13.00	36.63
860.00	5160.00	PK	22.40	V	-8.60	34.24	3.00	48.05	-49.33	-13.00	36.33
860.00	6020.00	PK	22.30	H	-9.34	35.36	3.00	48.32	-49.06	-13.00	36.06
860.00	6020.00	PK	23.10	V	-9.34	35.36	3.00	49.12	-48.26	-13.00	35.26
860.00	6880.00	PK	24.70	H	-9.95	35.80	3.00	50.55	-46.83	-13.00	33.83
860.00	6880.00	PK	24.60	V	-9.95	35.80	3.00	50.45	-46.93	-13.00	33.93
860.00	7740.00	PK	25.00	H	-10.51	36.20	3.00	50.69	-46.69	-13.00	33.69
860.00	7740.00	PK	24.50	V	-10.51	36.20	3.00	50.19	-47.19	-13.00	34.19
860.00	8600.00	PK	26.30	H	-11.08	35.98	3.00	51.20	-46.18	-13.00	33.18
860.00	8600.00	PK	28.10	V	-11.08	35.98	3.00	53.00	-44.38	-13.00	31.38

8.9.3 Downlink, 868 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
868.00	1736.00	PK	21.90	H	-4.85	29.67	3.00	46.72	-50.66	-13.00	37.66
868.00	1736.00	PK	22.30	V	-4.85	29.67	3.00	47.12	-50.26	-13.00	37.26
868.00	2604.00	PK	23.10	H	-6.09	32.57	3.00	49.58	-47.80	-13.00	34.80
868.00	2604.00	PK	22.90	V	-6.09	32.57	3.00	49.38	-48.00	-13.00	35.00
868.00	3472.00	PK	21.50	H	-7.02	32.72	3.00	47.19	-50.18	-13.00	37.18
868.00	3472.00	PK	21.70	V	-7.02	32.72	3.00	47.39	-49.98	-13.00	36.98
868.00	4340.00	PK	21.80	H	-7.88	33.67	3.00	47.59	-49.79	-13.00	36.79
868.00	4340.00	PK	21.70	V	-7.88	33.67	3.00	47.49	-49.89	-13.00	36.89
868.00	5208.00	PK	21.70	H	-8.64	34.31	3.00	47.37	-50.00	-13.00	37.00
868.00	5208.00	PK	22.10	V	-8.64	34.31	3.00	47.77	-49.60	-13.00	36.60
868.00	6076.00	PK	22.80	H	-9.40	35.46	3.00	48.87	-48.51	-13.00	35.51
868.00	6076.00	PK	22.80	V	-9.40	35.46	3.00	48.87	-48.51	-13.00	35.51
868.00	6944.00	PK	25.10	H	-9.98	35.84	3.00	50.96	-46.42	-13.00	33.42
868.00	6944.00	PK	24.90	V	-9.98	35.84	3.00	50.76	-46.62	-13.00	33.62
868.00	7812.00	PK	24.90	H	-10.56	36.19	3.00	50.53	-46.85	-13.00	33.85
868.00	7812.00	PK	24.40	V	-10.56	36.19	3.00	50.03	-47.35	-13.00	34.35
868.00	8680.00	PK	28.00	H	-11.17	36.00	3.00	52.83	-44.55	-13.00	31.55
868.00	8680.00	PK	28.00	V	-11.17	36.00	3.00	52.83	-44.55	-13.00	31.55

8.9.4 Uplink, 809 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
809.00	1618.00	PK	21.70	H	-4.75	28.16	3.00	45.11	-52.26	-13.00	39.26
809.00	1618.00	PK	20.80	V	-4.75	28.16	3.00	44.21	-53.16	-13.00	40.16
809.00	2427.00	PK	21.10	H	-5.90	32.29	3.00	47.50	-49.88	-13.00	36.88
809.00	2427.00	PK	21.60	V	-5.90	32.29	3.00	48.00	-49.38	-13.00	36.38
809.00	3236.00	PK	21.40	H	-6.80	32.76	3.00	47.36	-50.02	-13.00	37.02
809.00	3236.00	PK	21.60	V	-6.80	32.76	3.00	47.56	-49.82	-13.00	36.82
809.00	4045.00	PK	20.80	H	-7.60	33.38	3.00	46.58	-50.80	-13.00	37.80
809.00	4045.00	PK	20.80	V	-7.60	33.38	3.00	46.58	-50.80	-13.00	37.80
809.00	4854.00	PK	22.10	H	-8.30	34.16	3.00	47.96	-49.42	-13.00	36.42
809.00	4854.00	PK	22.10	V	-8.30	34.16	3.00	47.96	-49.42	-13.00	36.42
809.00	5663.00	PK	21.70	H	-9.02	34.93	3.00	47.61	-49.77	-13.00	36.77
809.00	5663.00	PK	21.70	V	-9.02	34.93	3.00	47.61	-49.77	-13.00	36.77
809.00	6472.00	PK	24.30	H	-9.68	35.84	3.00	50.46	-46.92	-13.00	33.92
809.00	6472.00	PK	23.90	V	-9.68	35.84	3.00	50.06	-47.32	-13.00	34.32
809.00	7281.00	PK	24.60	H	-10.16	36.48	3.00	50.92	-46.46	-13.00	33.46
809.00	7281.00	PK	24.10	V	-10.16	36.48	3.00	50.42	-46.96	-13.00	33.96
809.00	8090.00	PK	25.60	H	-10.78	36.07	3.00	50.89	-46.49	-13.00	33.49
809.00	8090.00	PK	26.00	V	-10.78	36.07	3.00	51.29	-46.09	-13.00	33.09

8.9.5 Uplink, 815 MHz

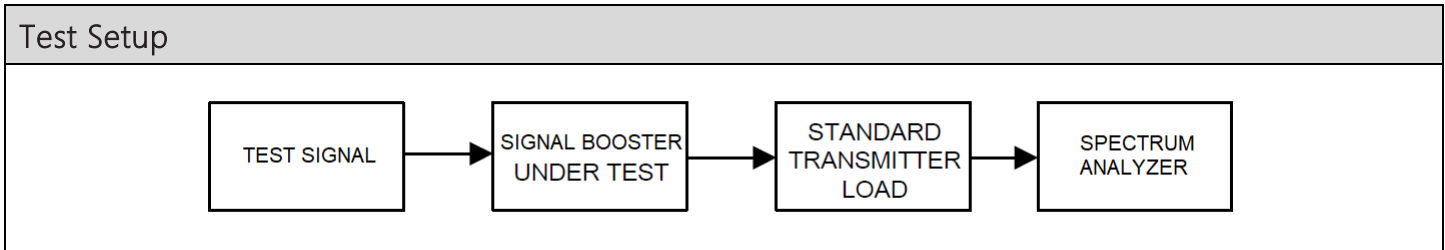
Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
815.00	1630.00	PK	21.20	H	-4.75	28.37	3.00	44.82	-52.56	-13.00	39.56
815.00	1630.00	PK	21.30	V	-4.75	28.37	3.00	44.92	-52.46	-13.00	39.46
815.00	2445.00	PK	28.90	H	-5.92	32.36	3.00	55.35	-42.03	-13.00	29.03
815.00	2445.00	PK	27.90	V	-5.92	32.36	3.00	54.35	-43.03	-13.00	30.03
815.00	3260.00	PK	21.20	H	-6.82	32.78	3.00	47.17	-50.21	-13.00	37.21
815.00	3260.00	PK	21.10	V	-6.82	32.78	3.00	47.07	-50.31	-13.00	37.31
815.00	4075.00	PK	20.70	H	-7.63	33.47	3.00	46.55	-50.83	-13.00	37.83
815.00	4075.00	PK	20.20	V	-7.63	33.47	3.00	46.05	-51.33	-13.00	38.33
815.00	4890.00	PK	22.00	H	-8.33	34.09	3.00	47.76	-49.62	-13.00	36.62
815.00	4890.00	PK	21.70	V	-8.33	34.09	3.00	47.46	-49.92	-13.00	36.92
815.00	5705.00	PK	21.50	H	-9.03	34.88	3.00	47.34	-50.04	-13.00	37.04
815.00	5705.00	PK	21.70	V	-9.03	34.88	3.00	47.54	-49.84	-13.00	36.84
815.00	6520.00	PK	23.70	H	-9.72	35.84	3.00	49.82	-47.56	-13.00	34.56
815.00	6520.00	PK	24.10	V	-9.72	35.84	3.00	50.22	-47.16	-13.00	34.16
815.00	7335.00	PK	23.90	H	-10.21	36.38	3.00	50.08	-47.30	-13.00	34.30
815.00	7335.00	PK	23.60	V	-10.21	36.38	3.00	49.78	-47.60	-13.00	34.60
815.00	8150.00	PK	26.20	H	-10.84	36.06	3.00	51.43	-45.95	-13.00	32.95
815.00	8150.00	PK	25.40	V	-10.84	36.06	3.00	50.63	-46.75	-13.00	33.75

8.9.6 Uplink, 823 MHz

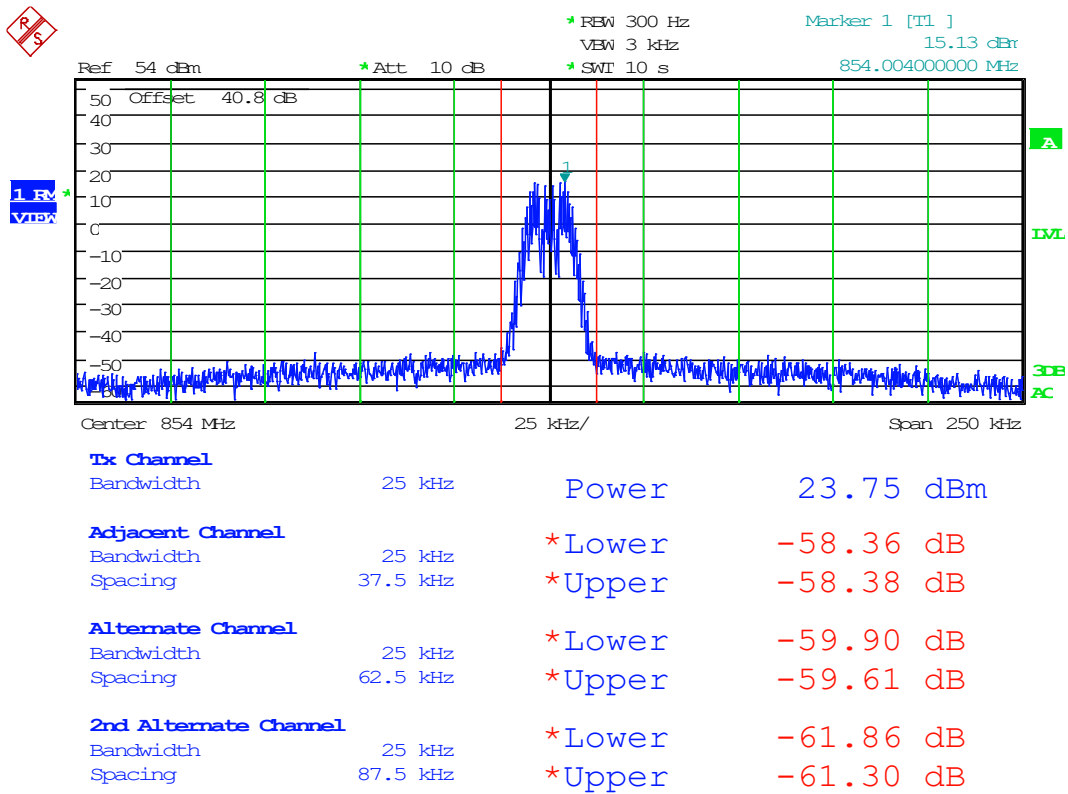
Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
823.00	1646.00	PK	20.80	H	-4.74	28.64	3.00	44.70	-52.67	-13.00	39.67
823.00	1646.00	PK	21.70	V	-4.74	28.64	3.00	45.60	-51.77	-13.00	38.77
823.00	2469.00	PK	24.30	H	-5.94	32.35	3.00	50.71	-46.67	-13.00	33.67
823.00	2469.00	PK	23.40	V	-5.94	32.35	3.00	49.81	-47.57	-13.00	34.57
823.00	3292.00	PK	21.20	H	-6.84	32.80	3.00	47.16	-50.22	-13.00	37.22
823.00	3292.00	PK	20.90	V	-6.84	32.80	3.00	46.86	-50.52	-13.00	37.52
823.00	4115.00	PK	21.00	H	-7.66	33.55	3.00	46.88	-50.49	-13.00	37.49
823.00	4115.00	PK	21.10	V	-7.66	33.55	3.00	46.98	-50.39	-13.00	37.39
823.00	4938.00	PK	23.30	H	-8.38	34.00	3.00	48.93	-48.45	-13.00	35.45
823.00	4938.00	PK	22.20	V	-8.38	34.00	3.00	47.83	-49.55	-13.00	36.55
823.00	5761.00	PK	22.00	H	-9.08	34.83	3.00	47.75	-49.63	-13.00	36.63
823.00	5761.00	PK	21.50	V	-9.08	34.83	3.00	47.25	-50.13	-13.00	37.13
823.00	6584.00	PK	24.40	H	-9.78	35.79	3.00	50.42	-46.96	-13.00	33.96
823.00	6584.00	PK	23.90	V	-9.78	35.79	3.00	49.92	-47.46	-13.00	34.46
823.00	7407.00	PK	23.70	H	-10.28	36.25	3.00	49.67	-47.71	-13.00	34.71
823.00	7407.00	PK	23.90	V	-10.28	36.25	3.00	49.87	-47.51	-13.00	34.51
823.00	8230.00	PK	27.30	H	-10.90	36.04	3.00	52.44	-44.93	-13.00	31.93
823.00	8230.00	PK	27.20	V	-10.90	36.04	3.00	52.34	-45.03	-13.00	32.03

8.10 Adjacent channel power limits

Limits from FCC Part 90.221, and test procedure from ANSI C63.26-2015.

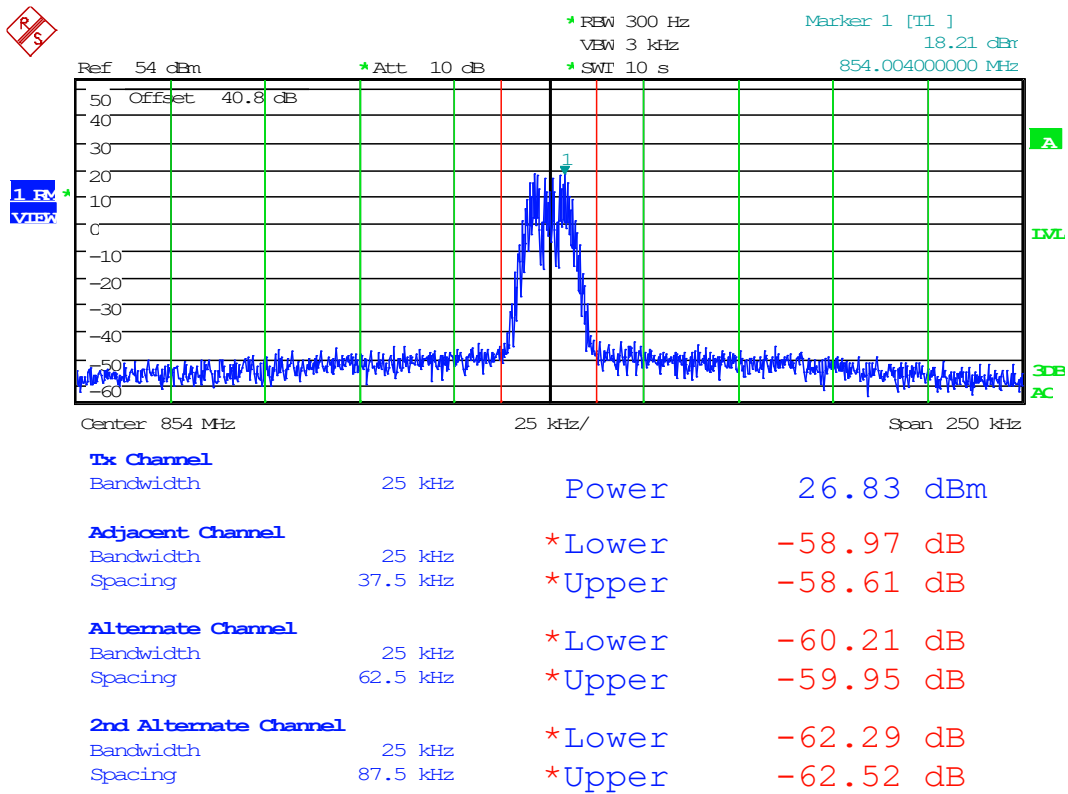


8.10.1 Downlink, 25k, AGC, 854 MHz



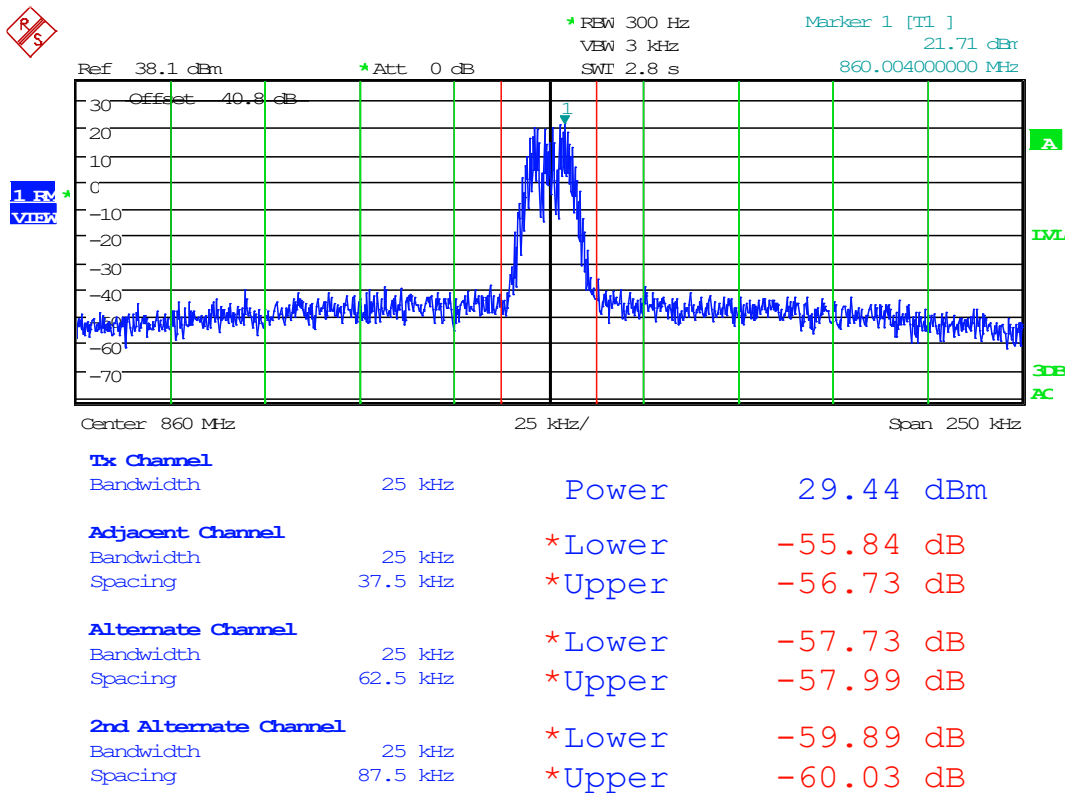
Date: 3.JAN.2025 10:43:03

8.10.2 Downlink, 25k, AGC+3, 854 MHz



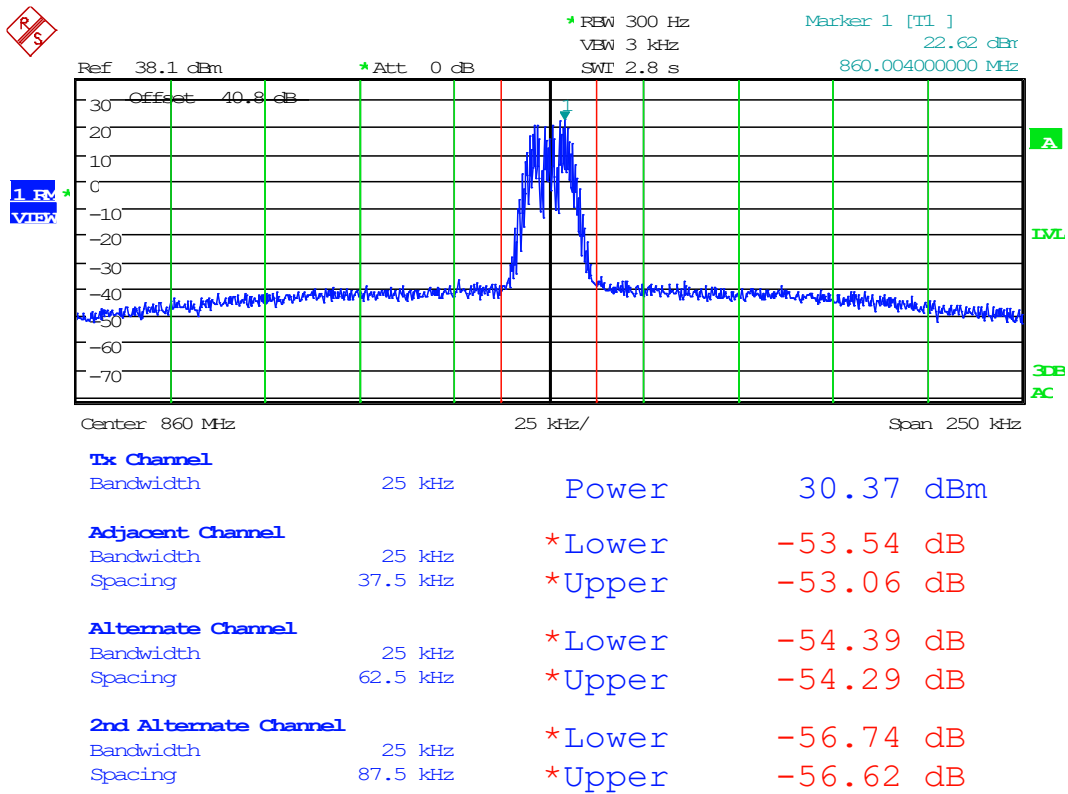
Date: 3.JAN.2025 10:44:04

8.10.3 Downlink, 25k, AGC, 860 MHz



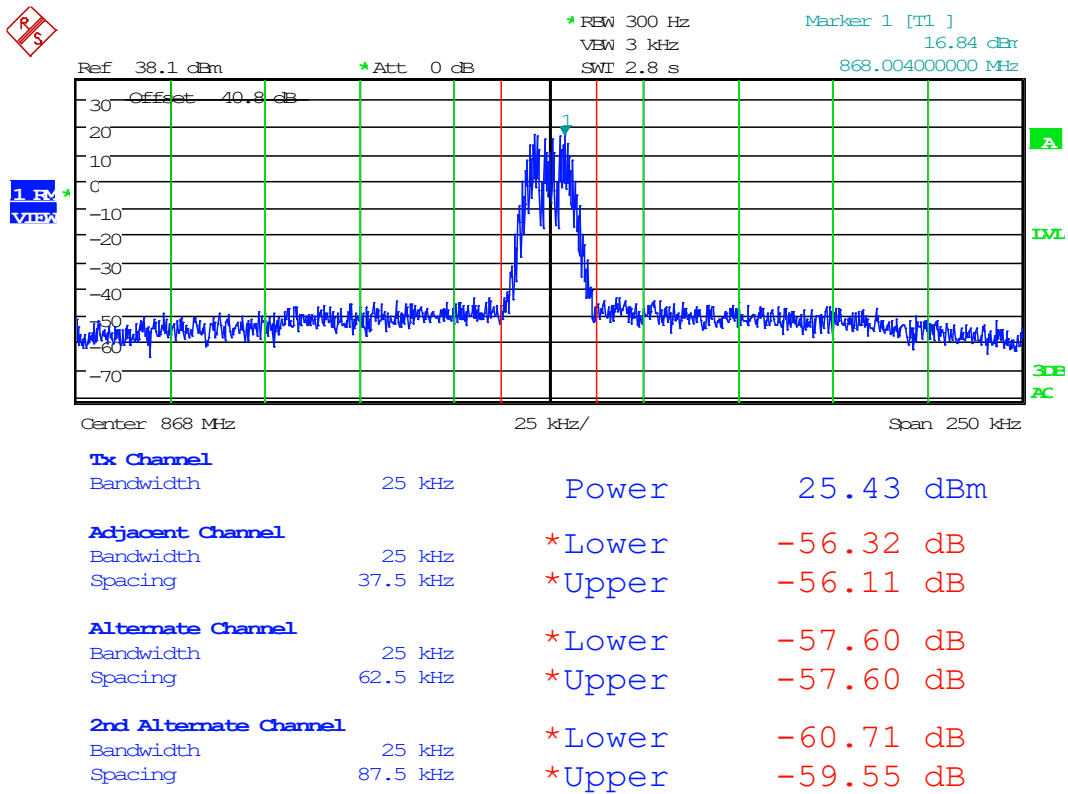
Date: 3.JAN.2025 10:46:06

8.10.4 Downlink, 25k, AGC+3, 860 MHz



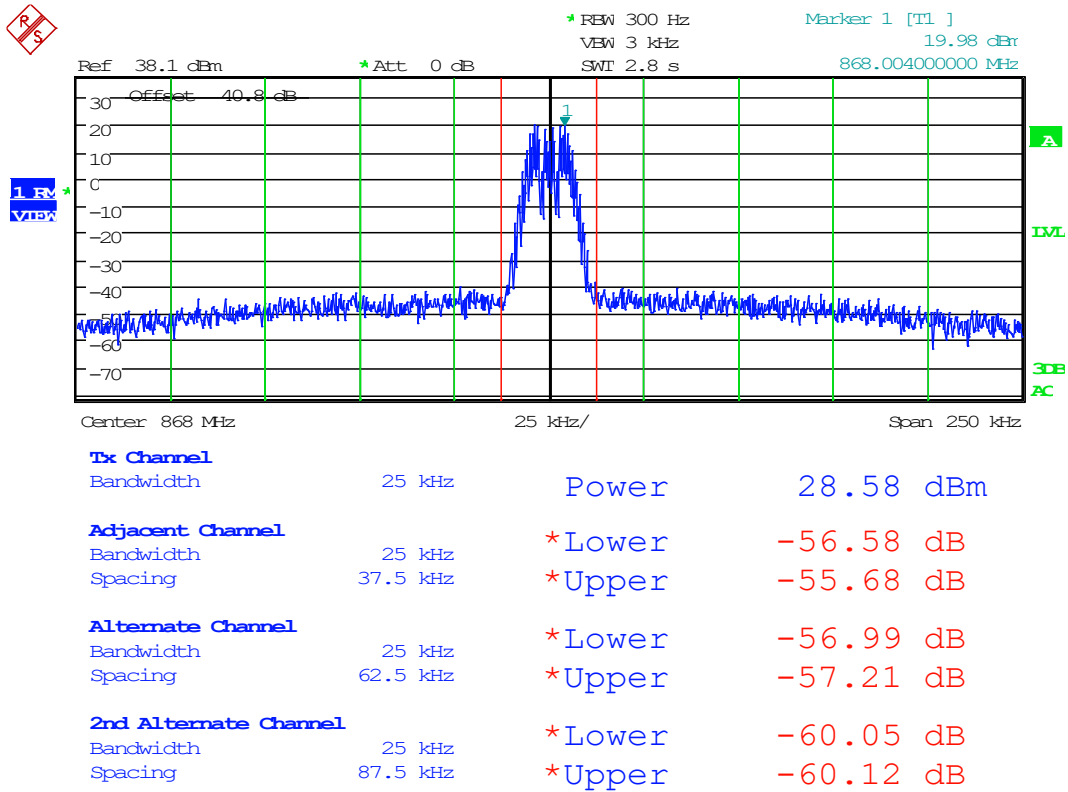
Date: 3.JAN.2025 10:47:49

8.10.5 Downlink, 25k, AGC, 868 MHz



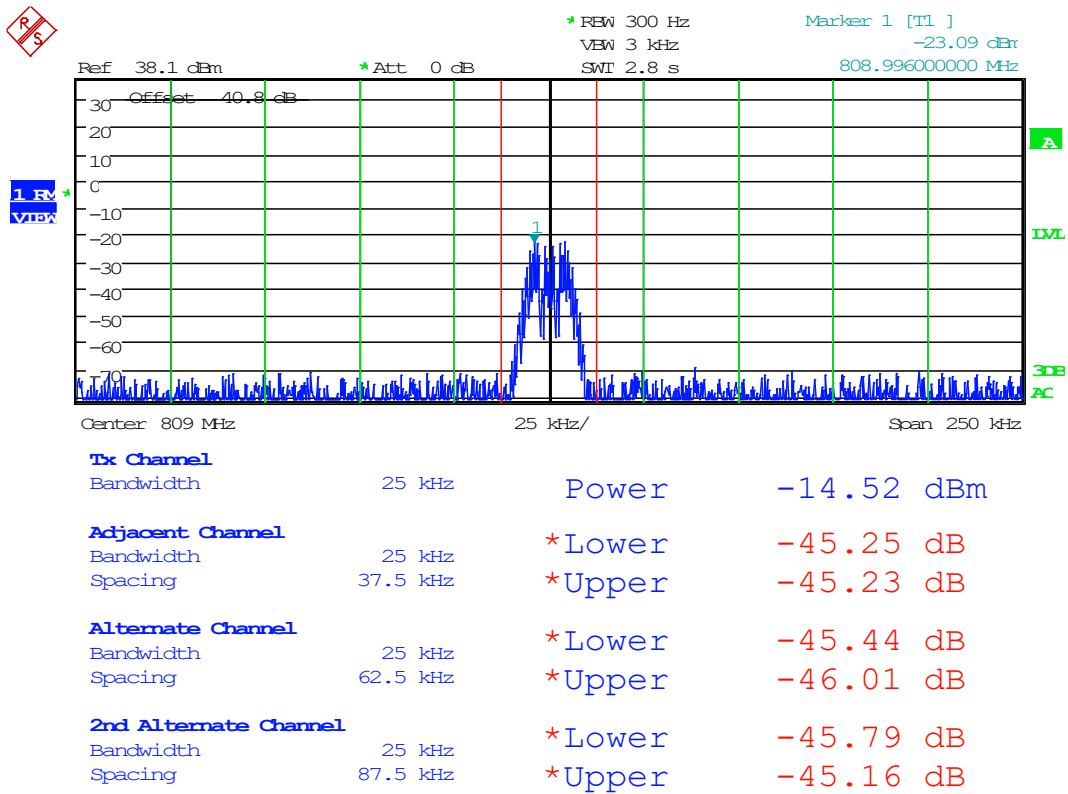
Date: 3.JAN.2025 10:48:37

8.10.6 Downlink, 25k, AGC+3, 868 MHz



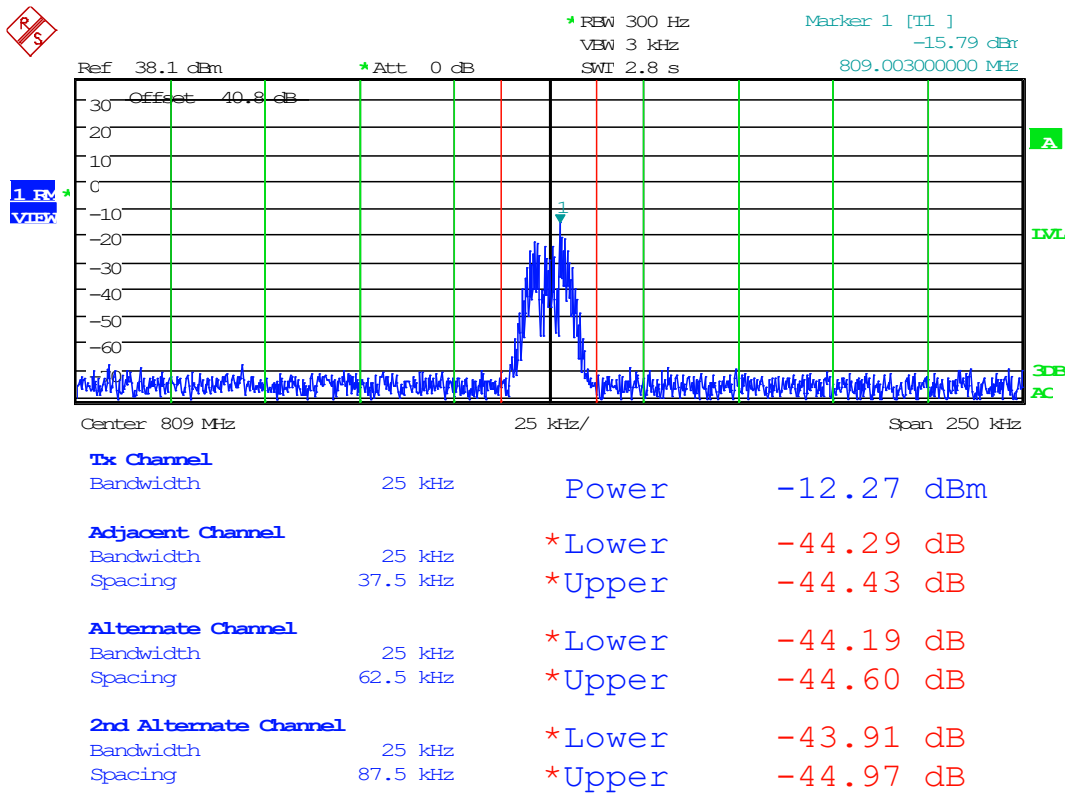
Date: 3.JAN.2025 10:49:14

8.10.7 Uplink, 25k, AGC, 809 MHz



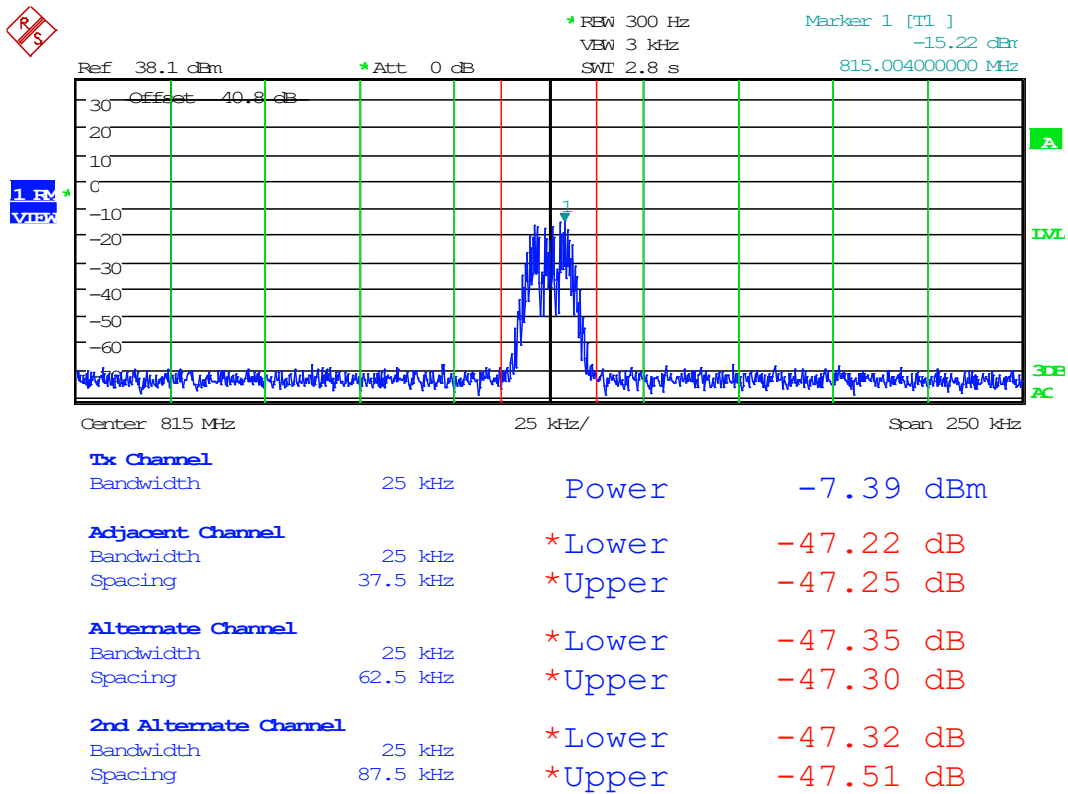
Date: 3.JAN.2025 13:34:38

8.10.8 Uplink, 25k, AGC+3, 809 MHz



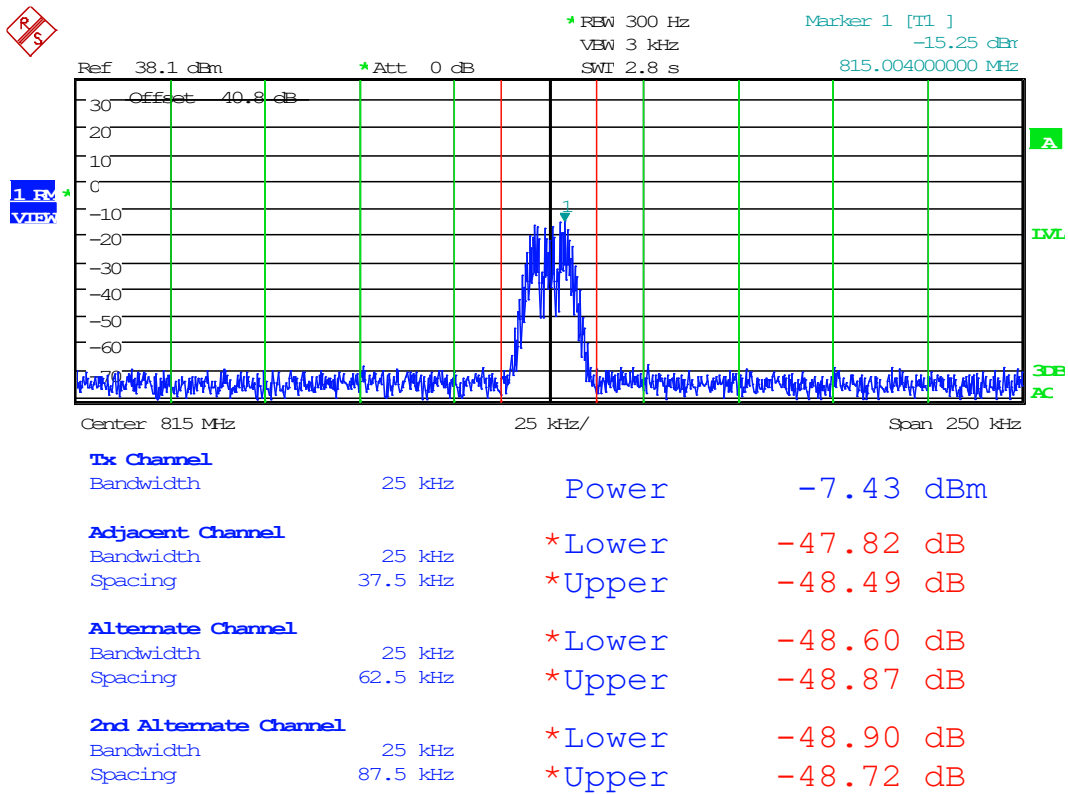
Date: 3.JAN.2025 13:35:11

8.10.9 Uplink, 25k, AGC, 815 MHz



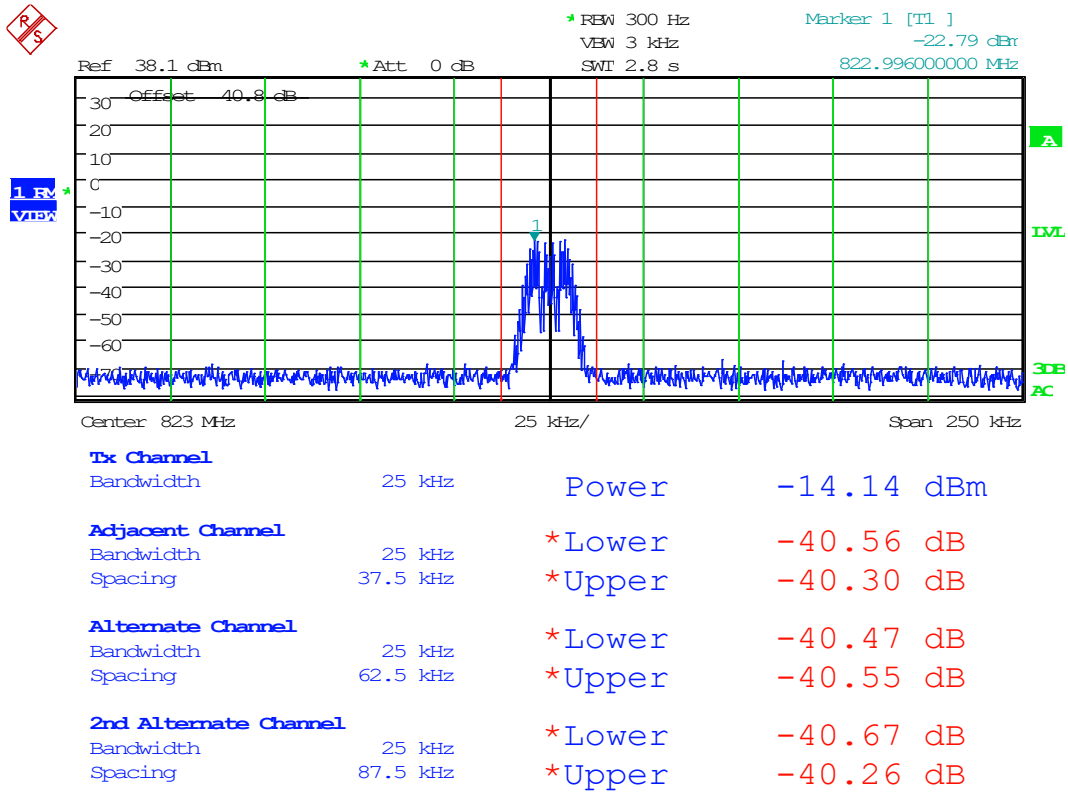
Date: 3.JAN.2025 13:36:28

8.10.10 Uplink, 25k, AGC+3, 815 MHz



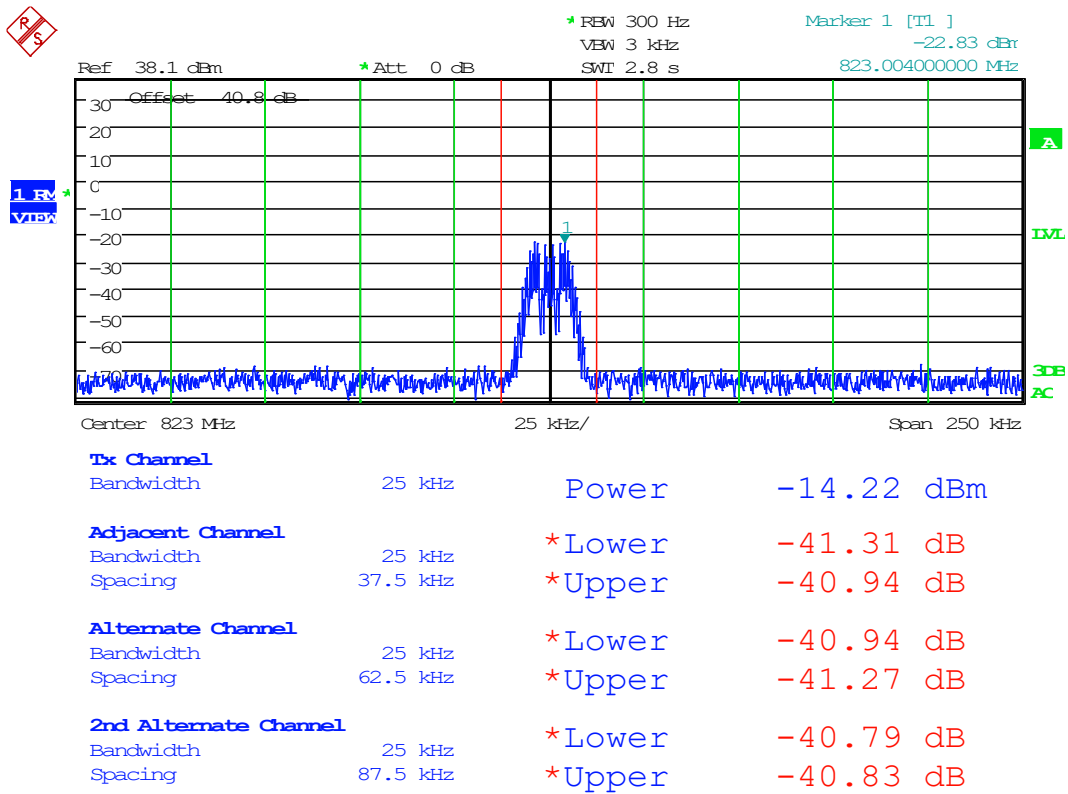
Date: 3.JAN.2025 13:36:58

8.10.11 Uplink, 25k, AGC, 823 MHz



Date: 3.JAN.2025 13:38:07

8.10.12 Uplink, 25k, AGC+3, 823 MHz



Date: 3.JAN.2025 13:38:45

9. ANNEX-B – Test Setup Photographs

Test setup photographs are located in a separate supplementary ANNEX-B document.

10. History of Test Report Changes

Test Report #	Revision #	Description	Date of Issue
TR_19228-25_FCC 90_800_Booster Class B_	1	Initial release	12/23/2024
	2	3.2 updated	2/26/2025
	3	Updated pages 1, 11	4/1/2025
	4	Updated brief description	05/22/2025

END OF TEST REPORT
