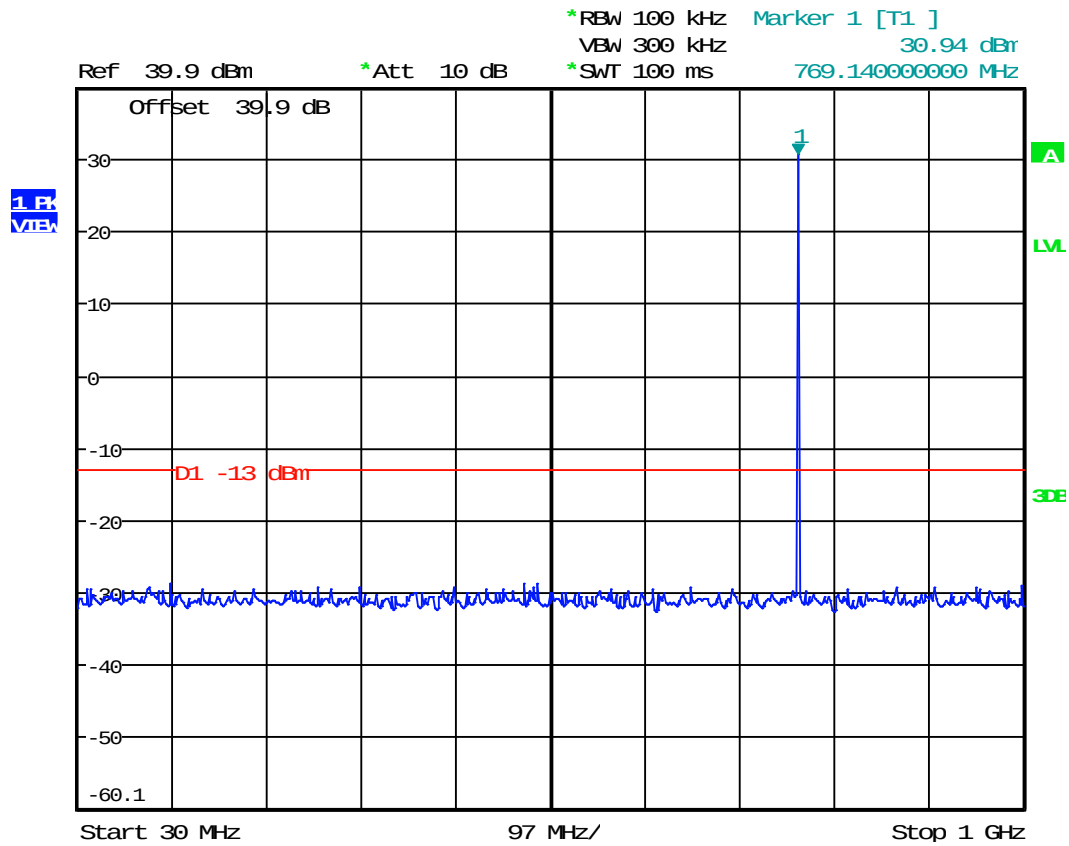
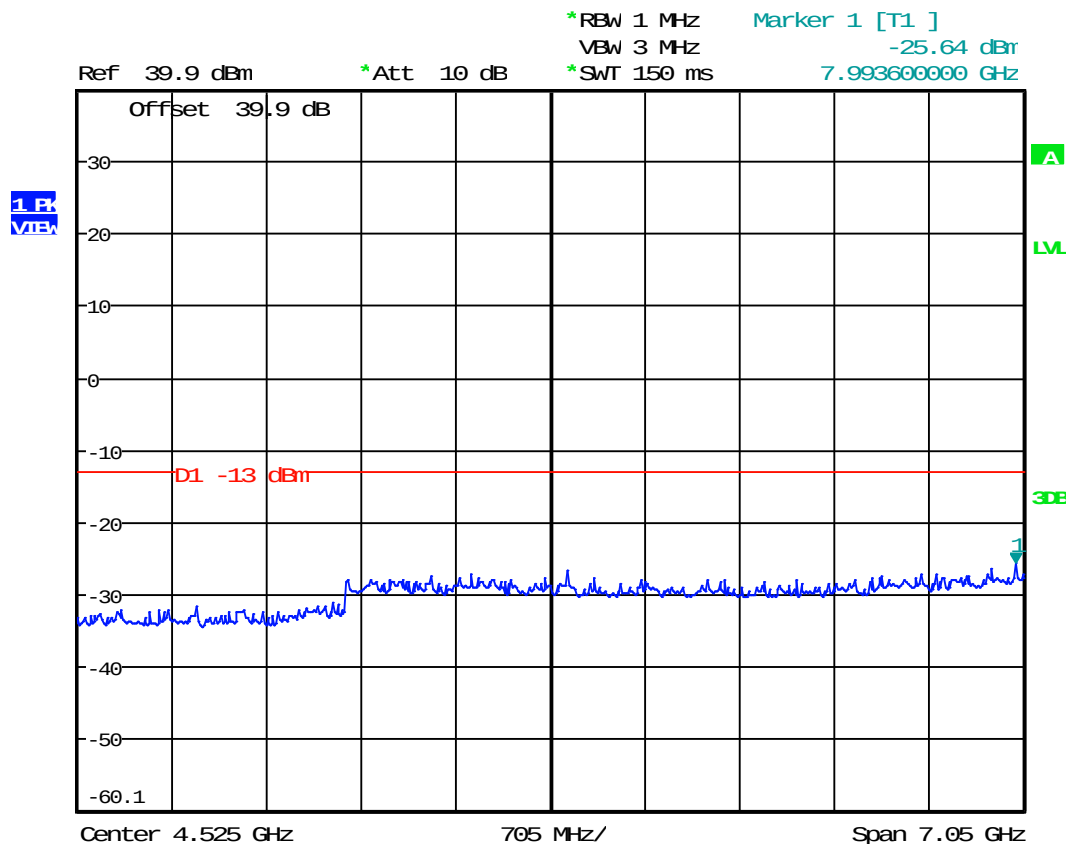


8.8.5 30 MHz to 1 GHz, 767 MHz



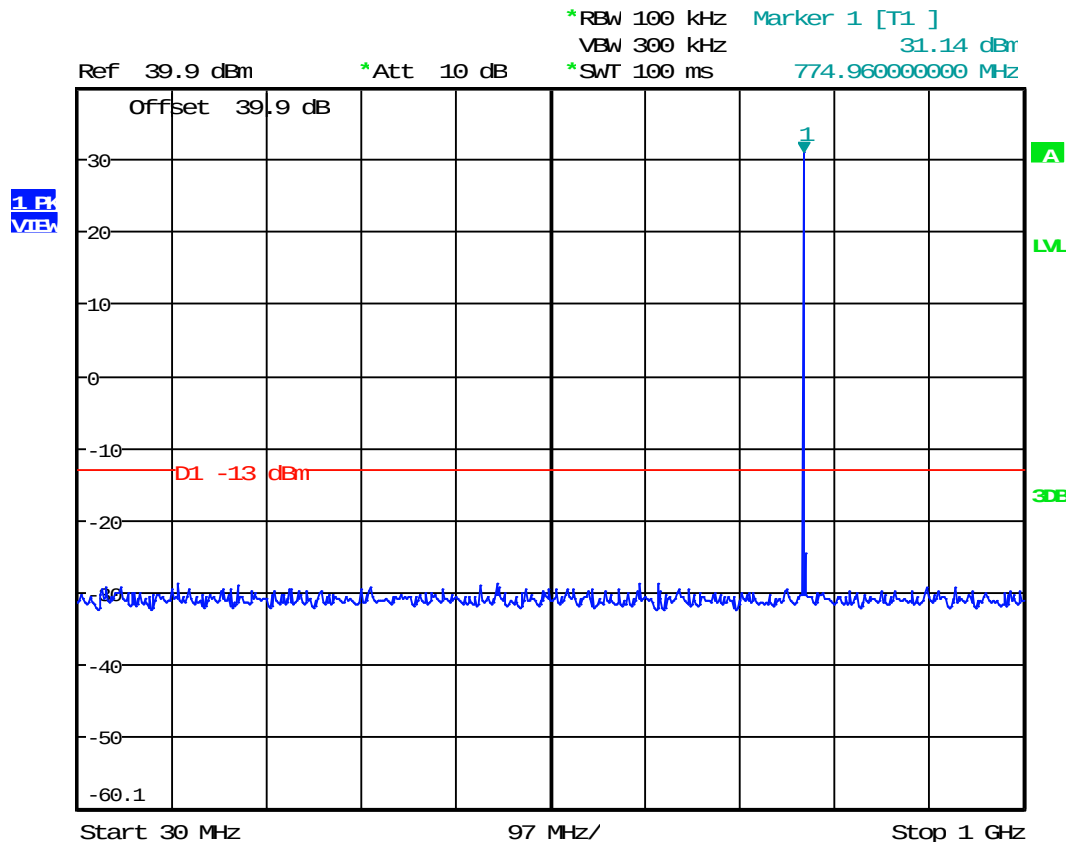
Date: 15.APR.2026 04:11:18

8.8.6 1 GHz to 10th Harmonic, 767 MHz



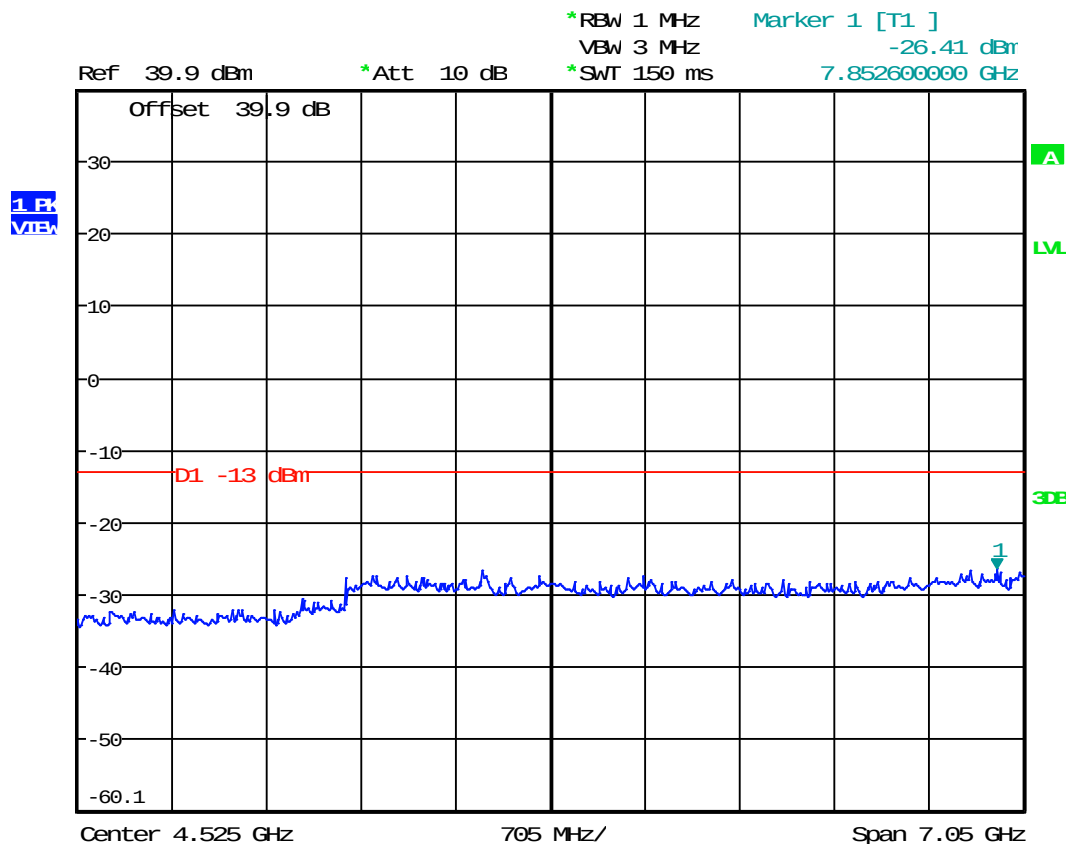
Date: 15.APR.2026 03:51:12

8.8.7 30 MHz to 1 GHz, 774 MHz



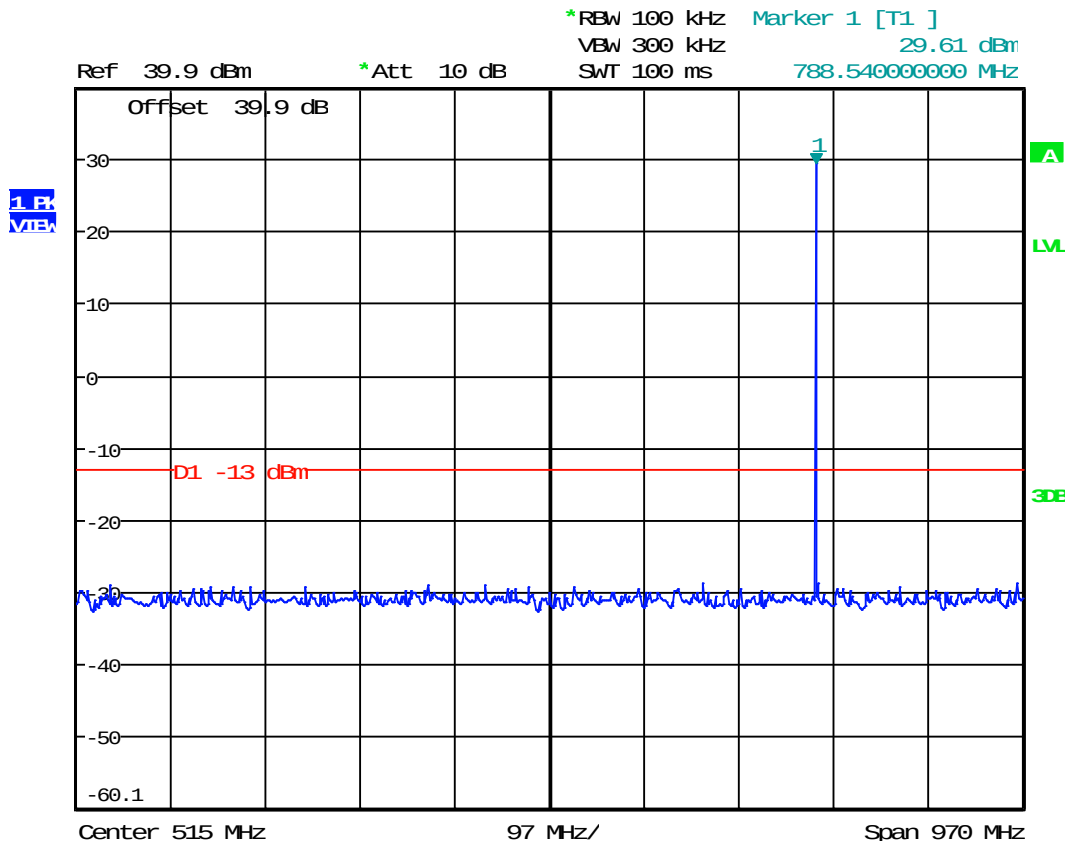
Date: 15.APR.2026 04:13:38

8.8.8 1 GHz to 10th Harmonic, 774 MHz



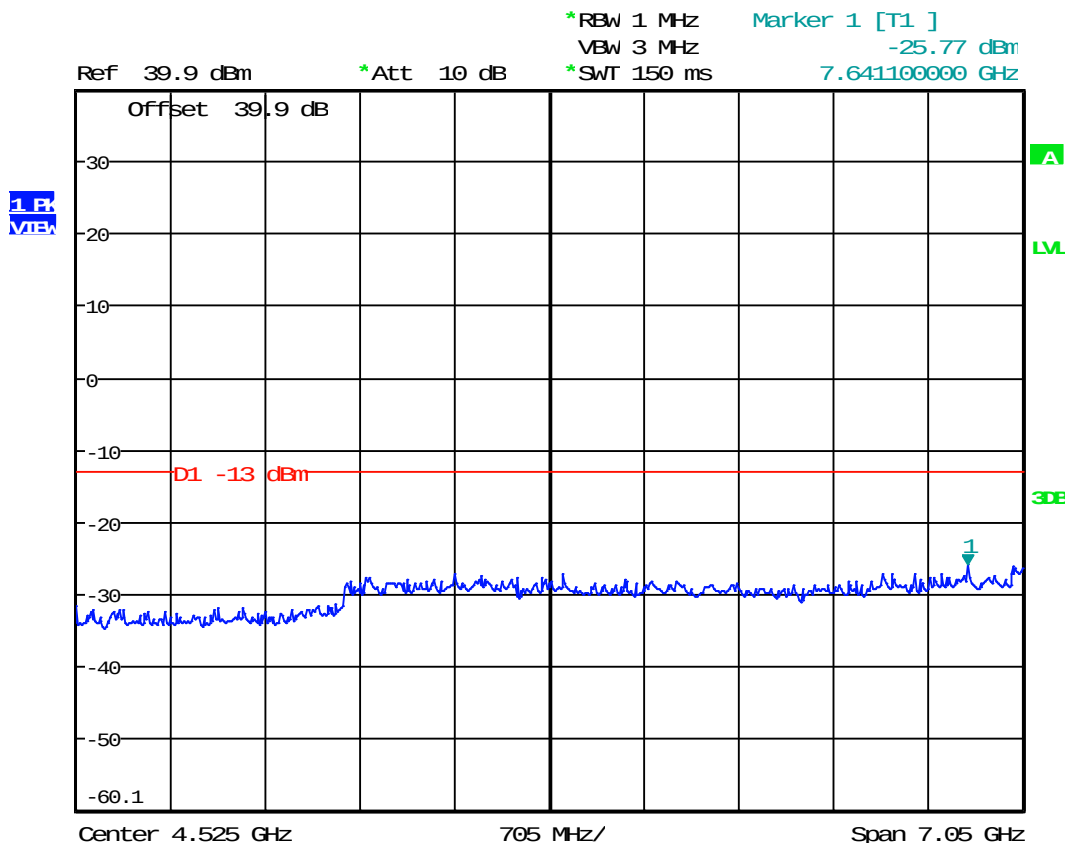
Date: 15.APR.2026 03:53:13

8.8.9 30 MHz to 1 GHz, 788 MHz



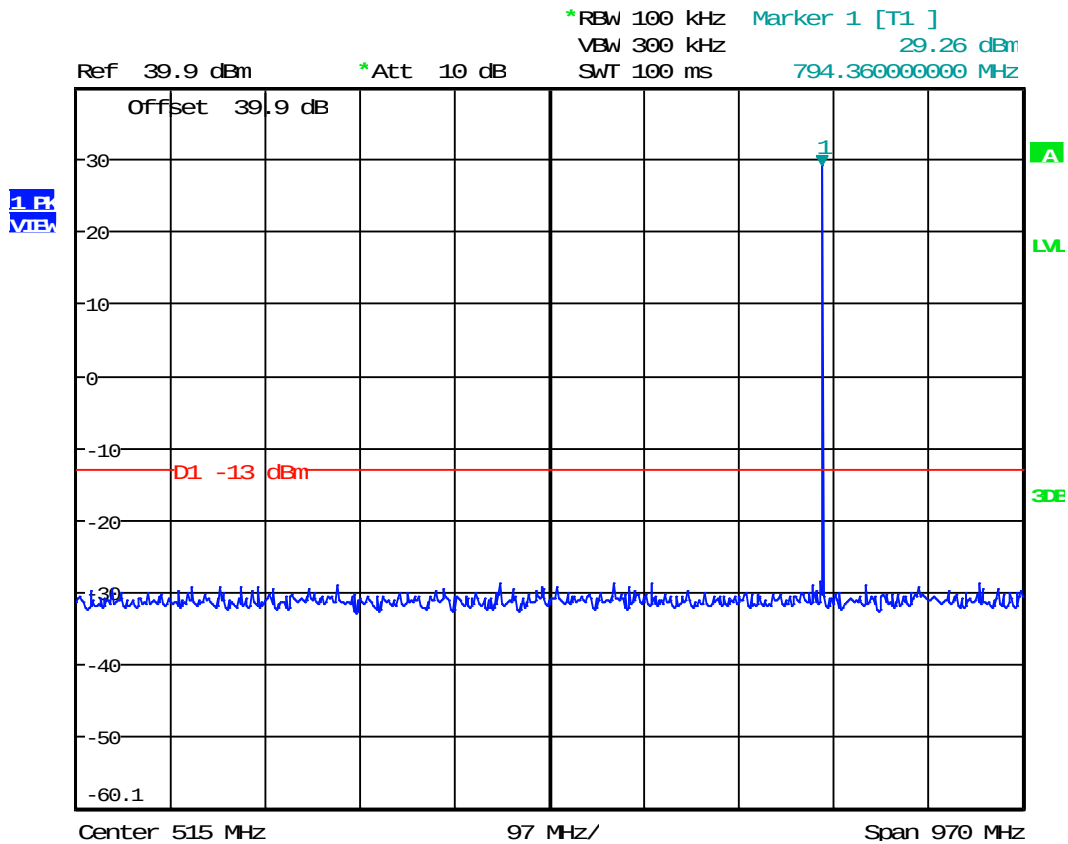
Date: 15.APR.2026 03:23:47

8.8.10 1 GHz to 10th Harmonic, 788 MHz



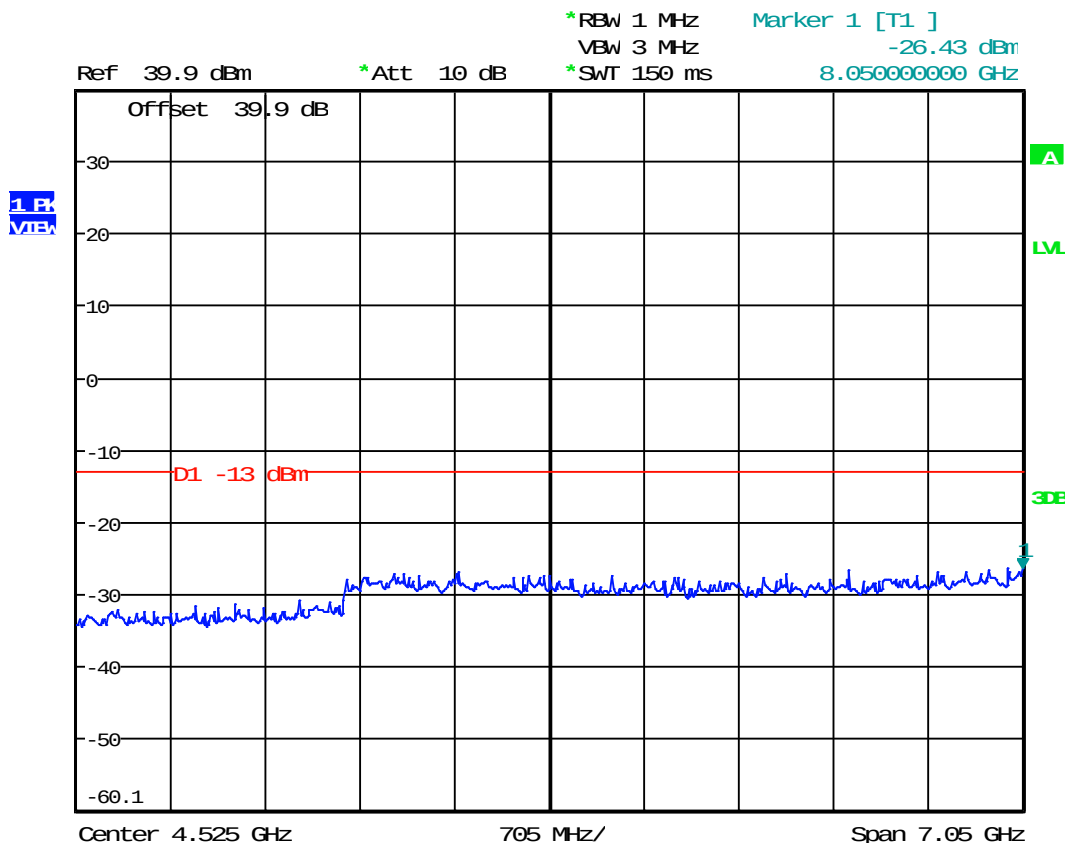
Date: 15.APR.2026 03:58:34

8.8.11 30 MHz to 1 GHz, 793 MHz



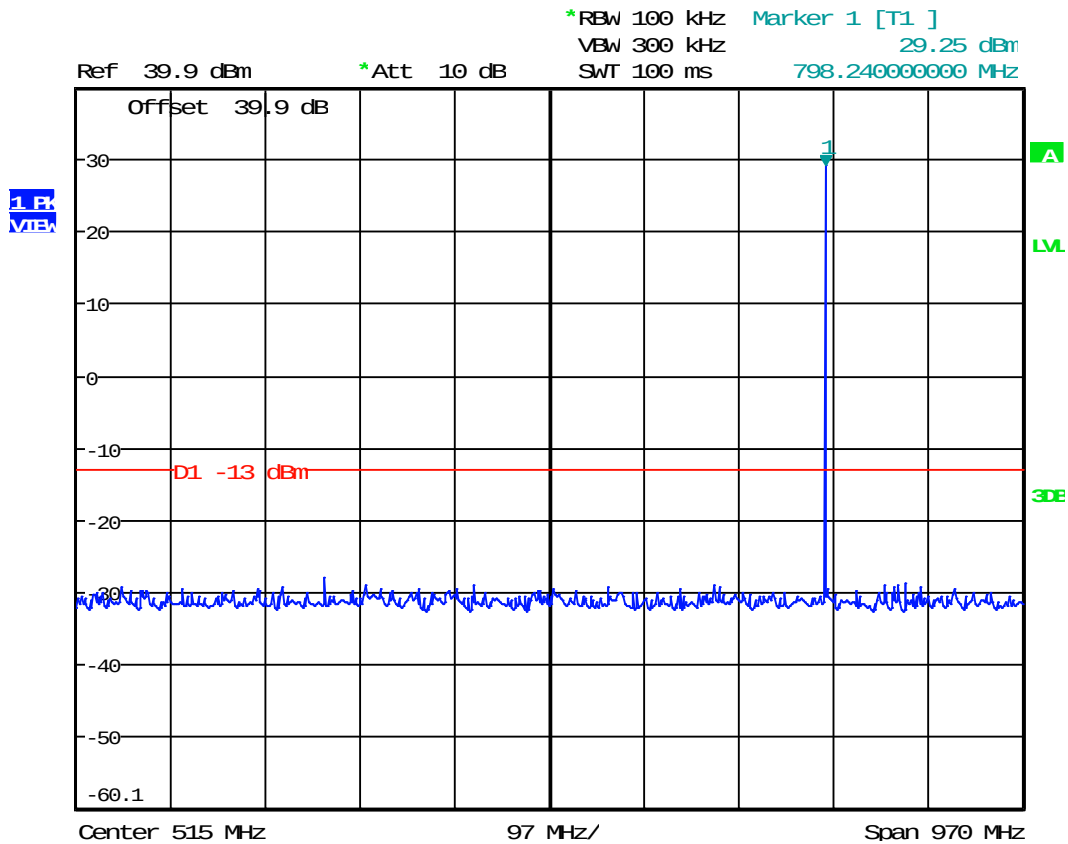
Date: 15.APR.2026 03:29:59

8.8.12 1 GHz to 10th Harmonic, 793 MHz



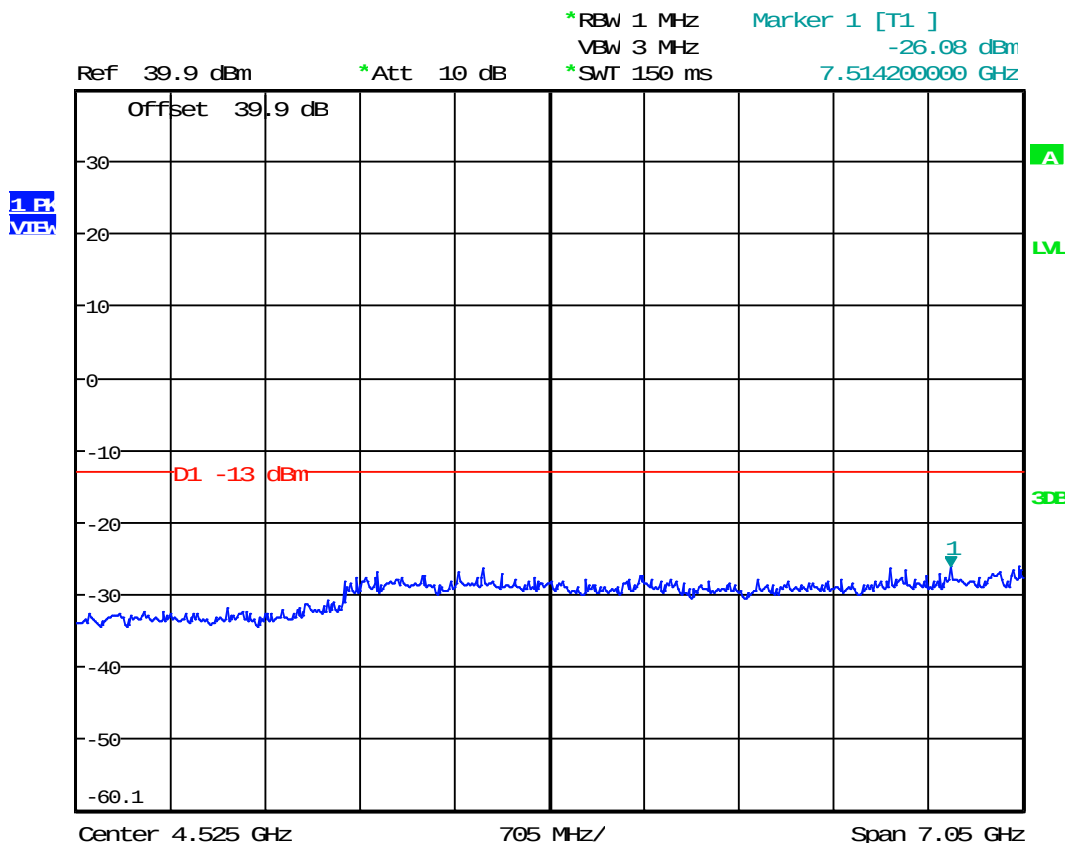
Date: 15.APR.2026 04:00:57

8.8.13 30 MHz to 1 GHz, 797 MHz



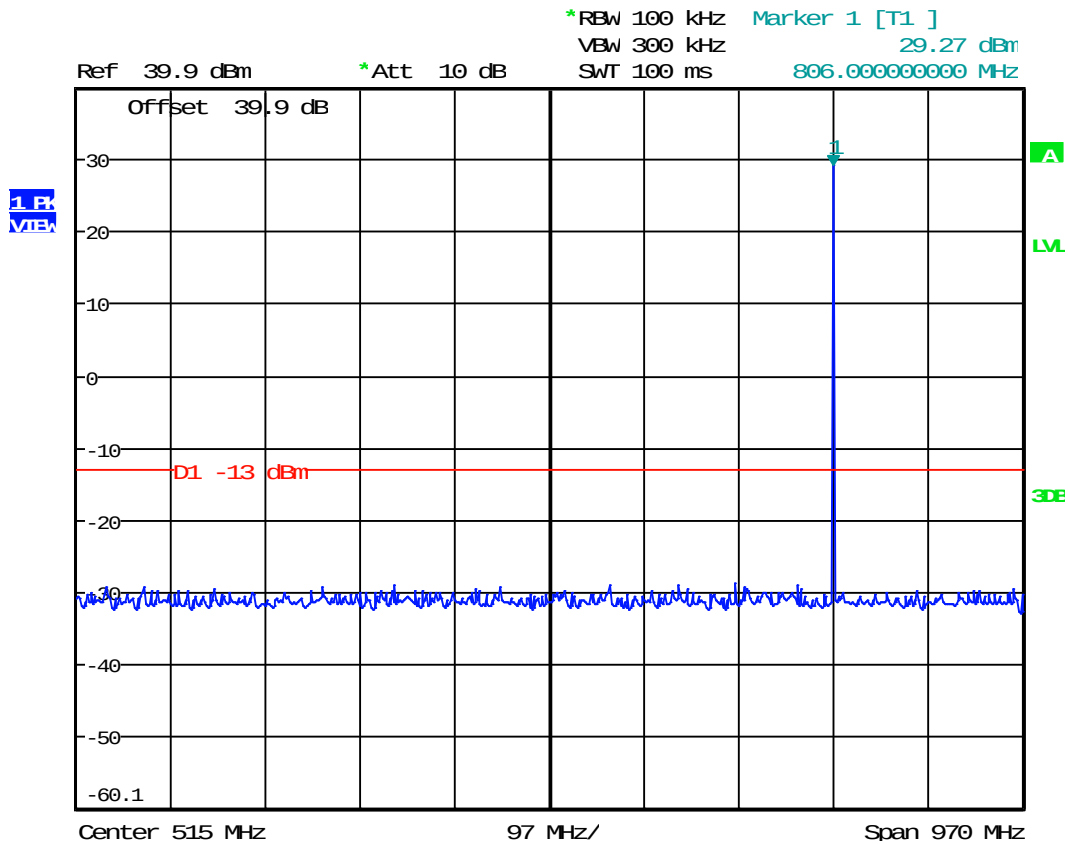
Date: 15.APR.2026 03:27:56

8.8.14 1 GHz to 10th Harmonic, 797 MHz



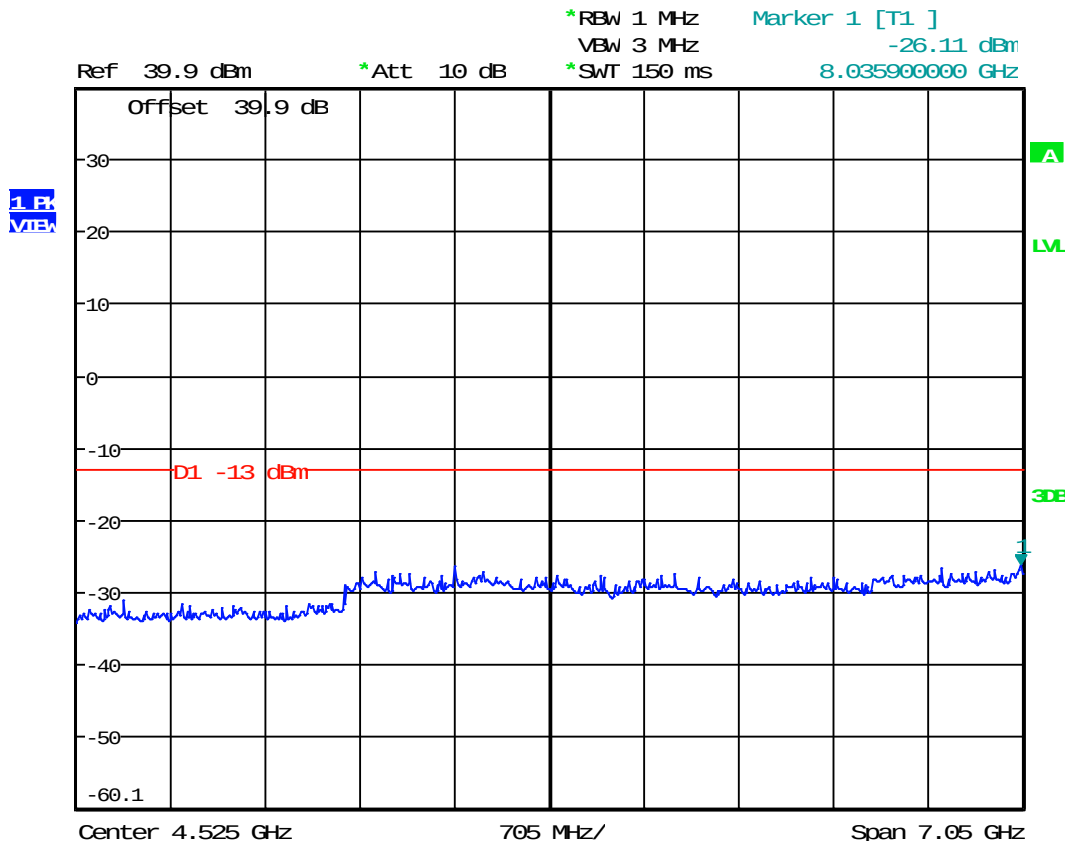
Date: 15.APR.2026 03:59:35

8.8.15 30 MHz to 1 GHz, 804 MHz



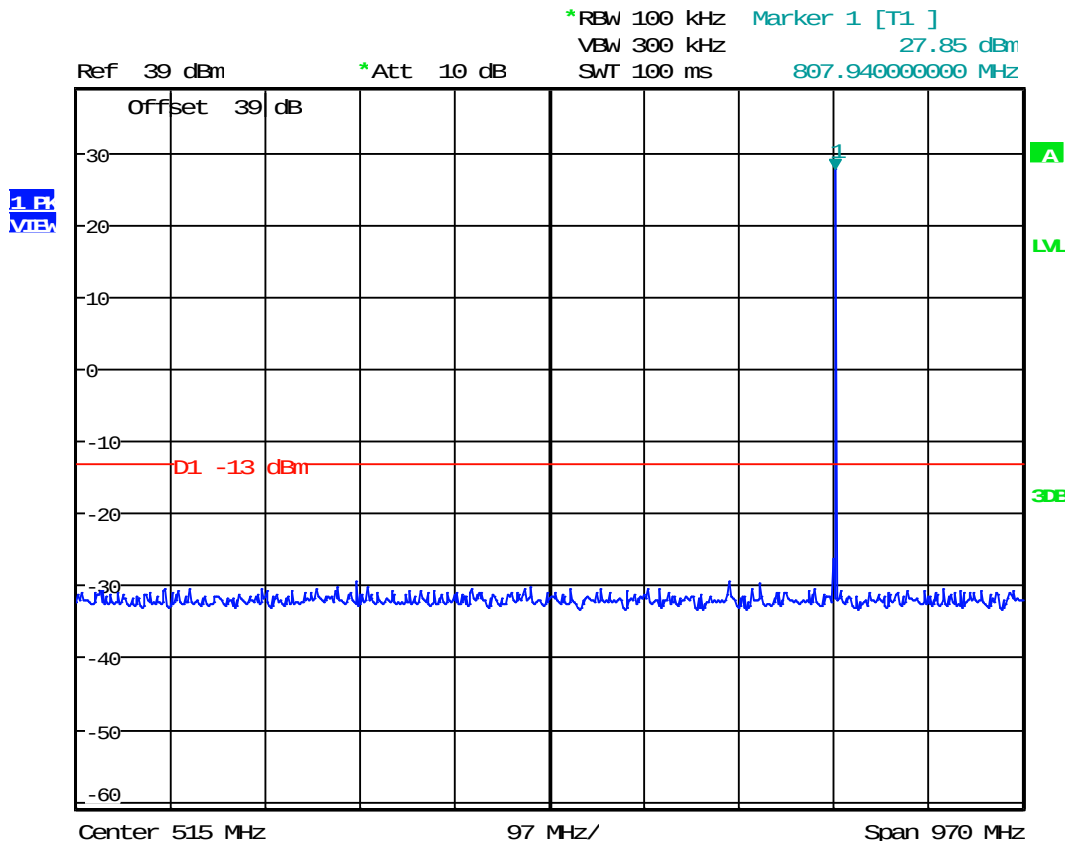
Date: 15.APR.2026 03:31:10

8.8.16 1 GHz to 10th Harmonic, 804 MHz



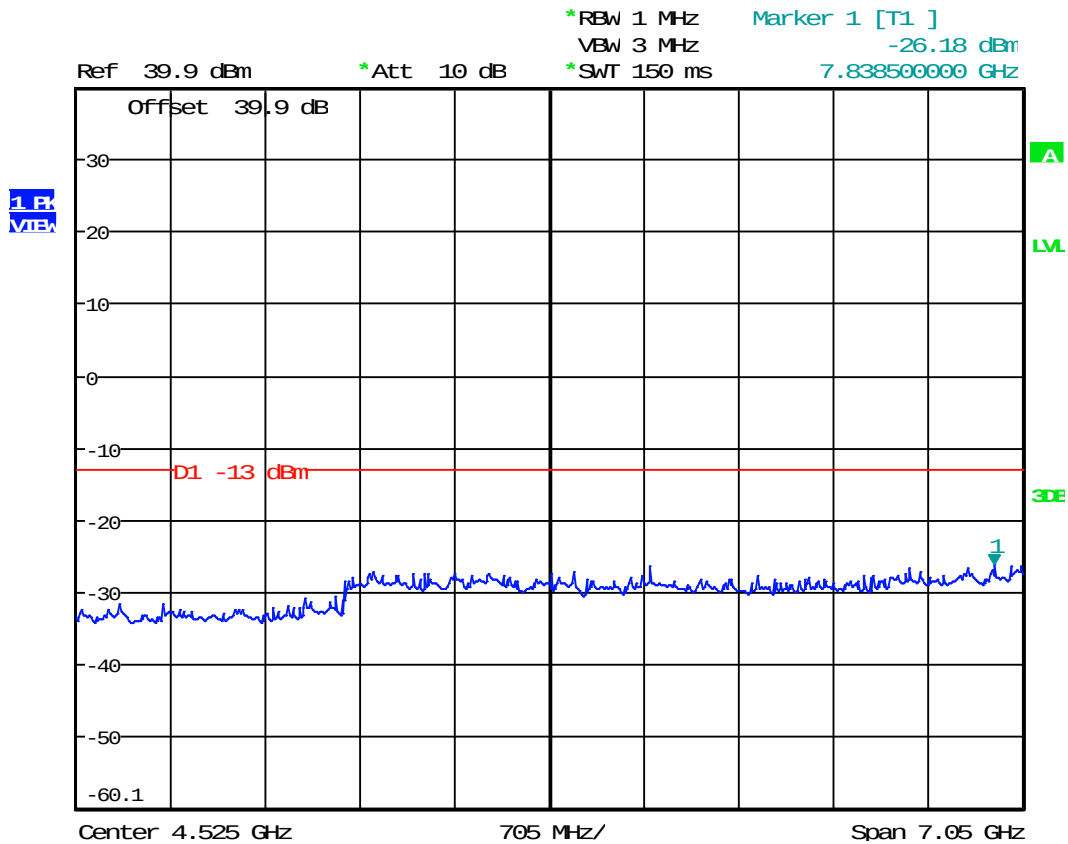
Date: 15.APR.2026 04:02:03

8.8.17 30 MHz to 1 GHz, 806 MHz



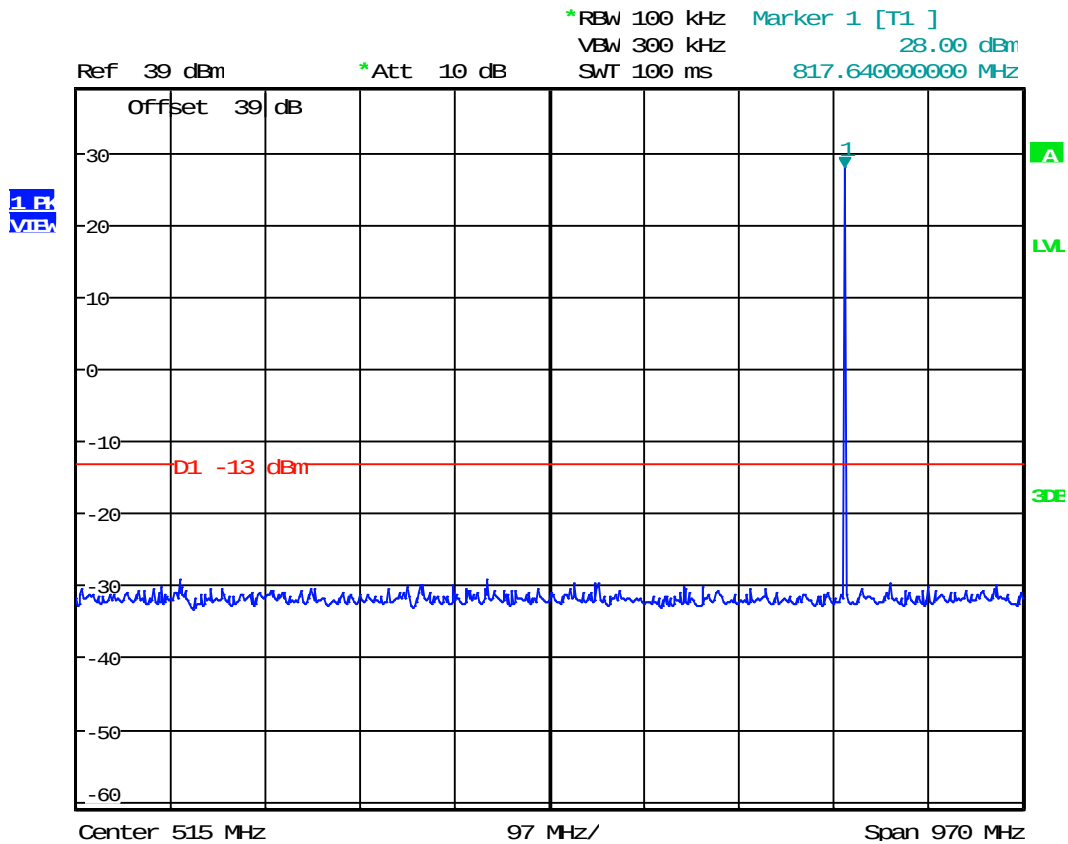
Date: 15.APR.2026 03:34:10

8.8.18 1 GHz to 10th Harmonic, XXX MHz



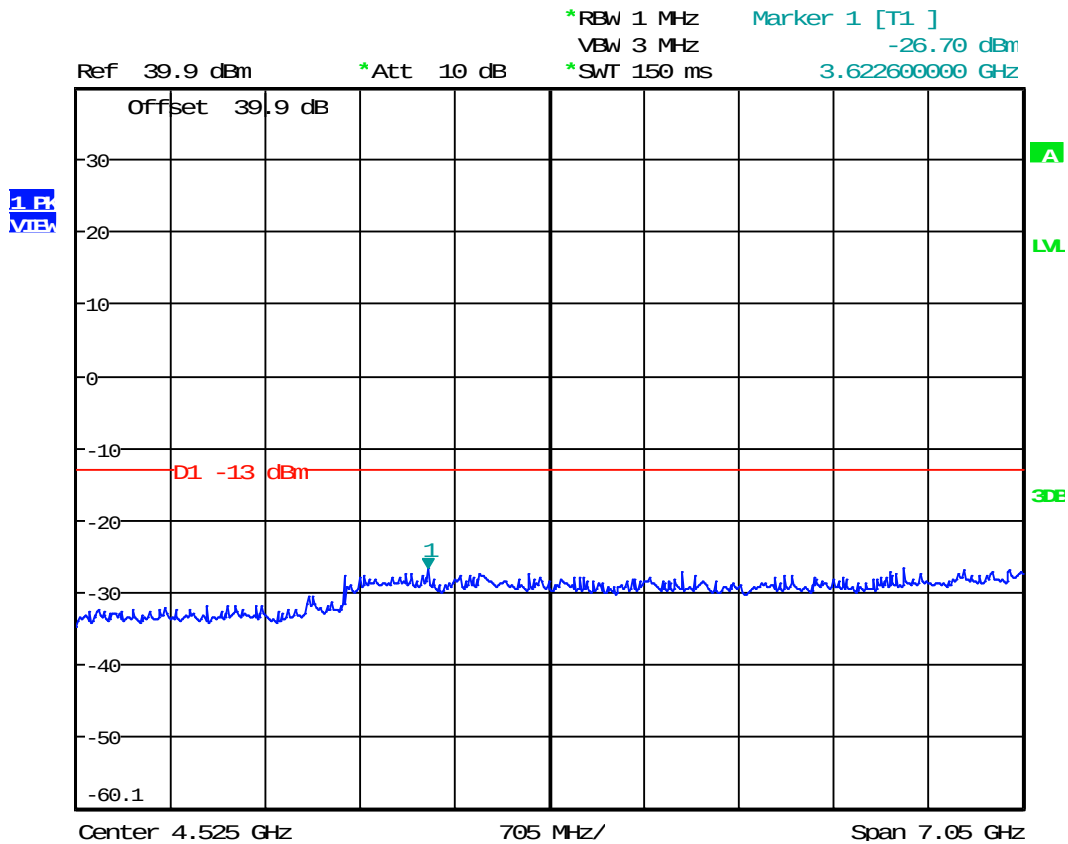
Date: 15.APR.2026 04:03:53

8.8.19 30 MHz to 1 GHz, 816 MHz



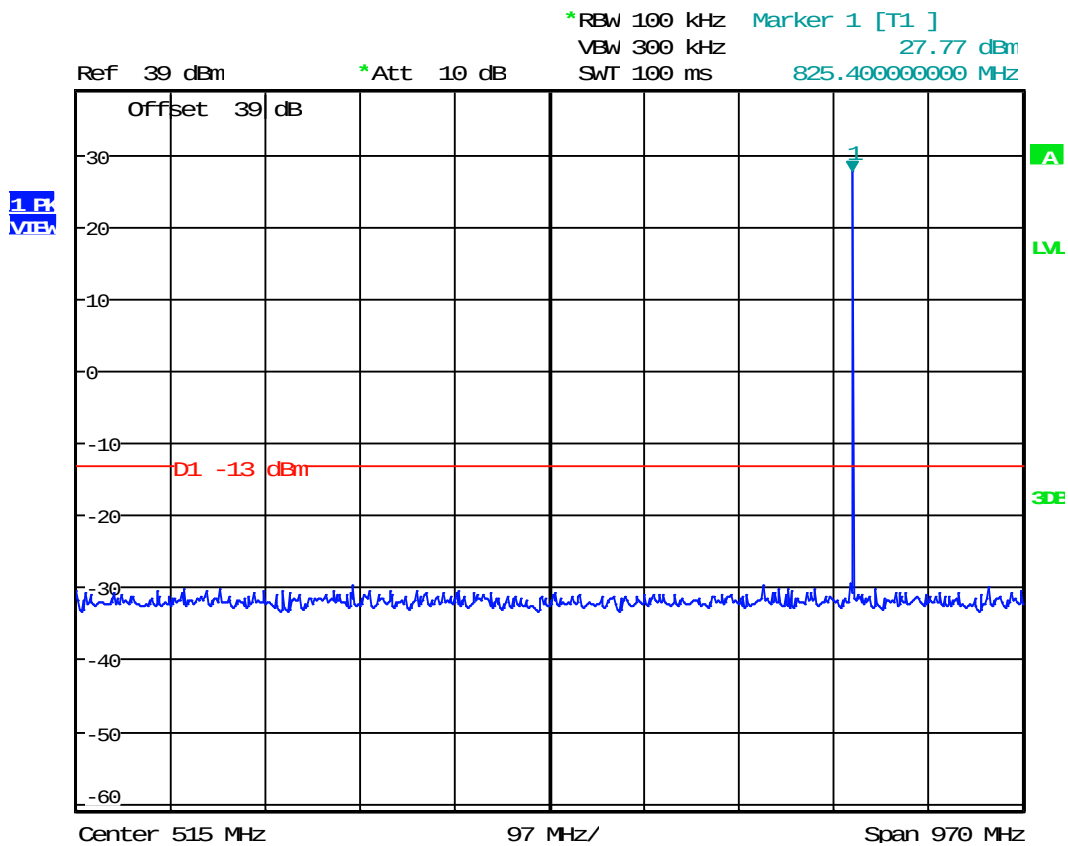
Date: 15.APR.2026 03:37:42

8.8.20 1 GHz to 10th Harmonic, 816 MHz



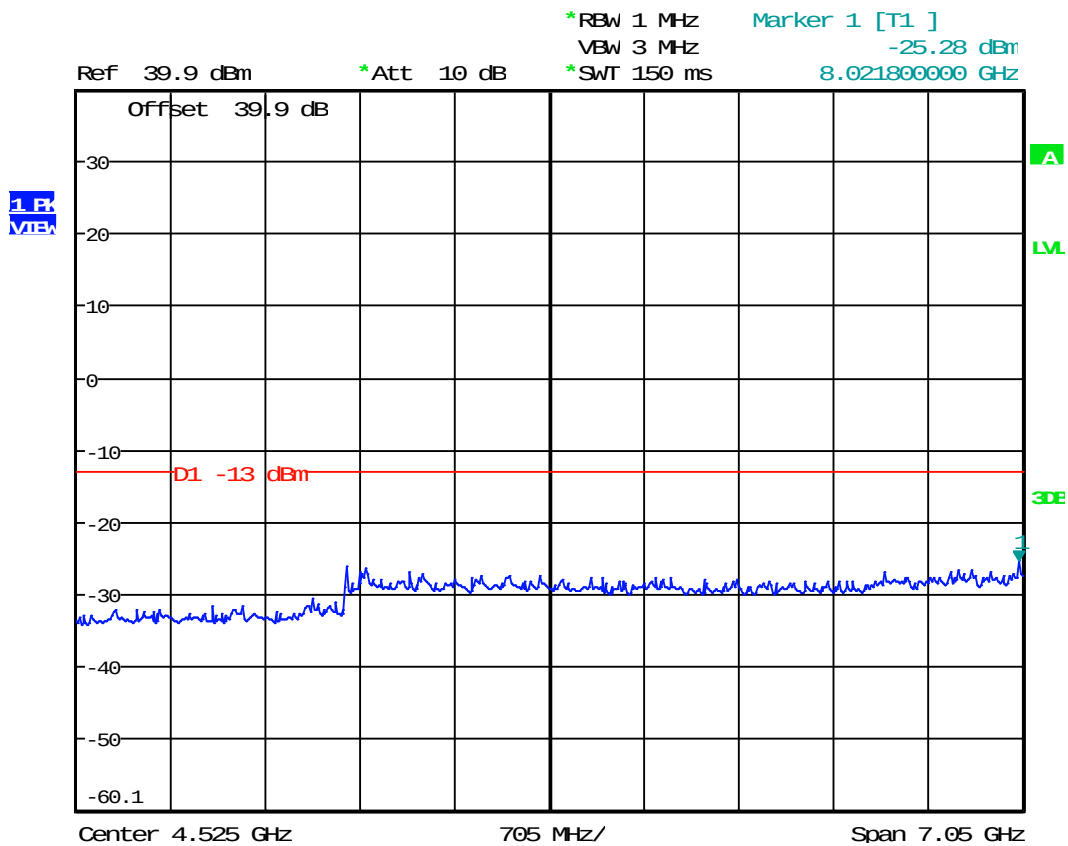
Date: 15.APR.2026 04:04:54

8.8.21 30 MHz to 1 GHz, 823 MHz



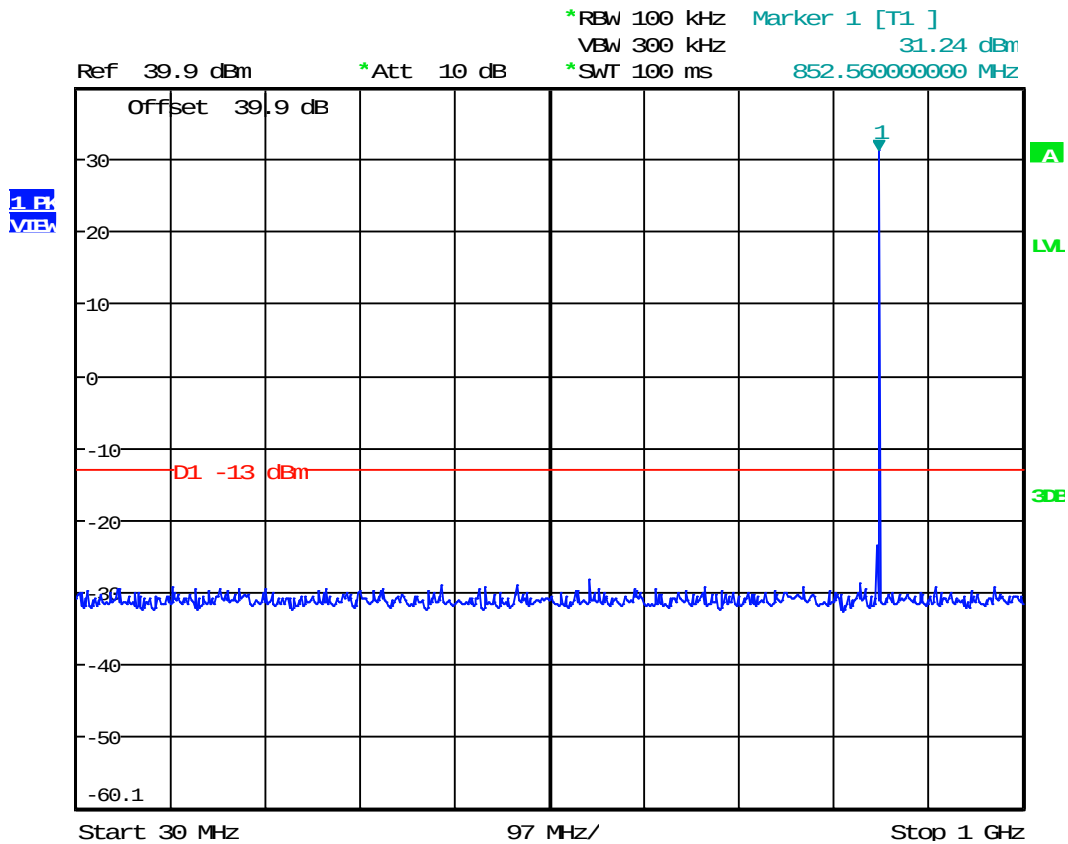
Date: 15.APR.2026 03:39:07

8.8.22 1 GHz to 10th Harmonic, 823 MHz



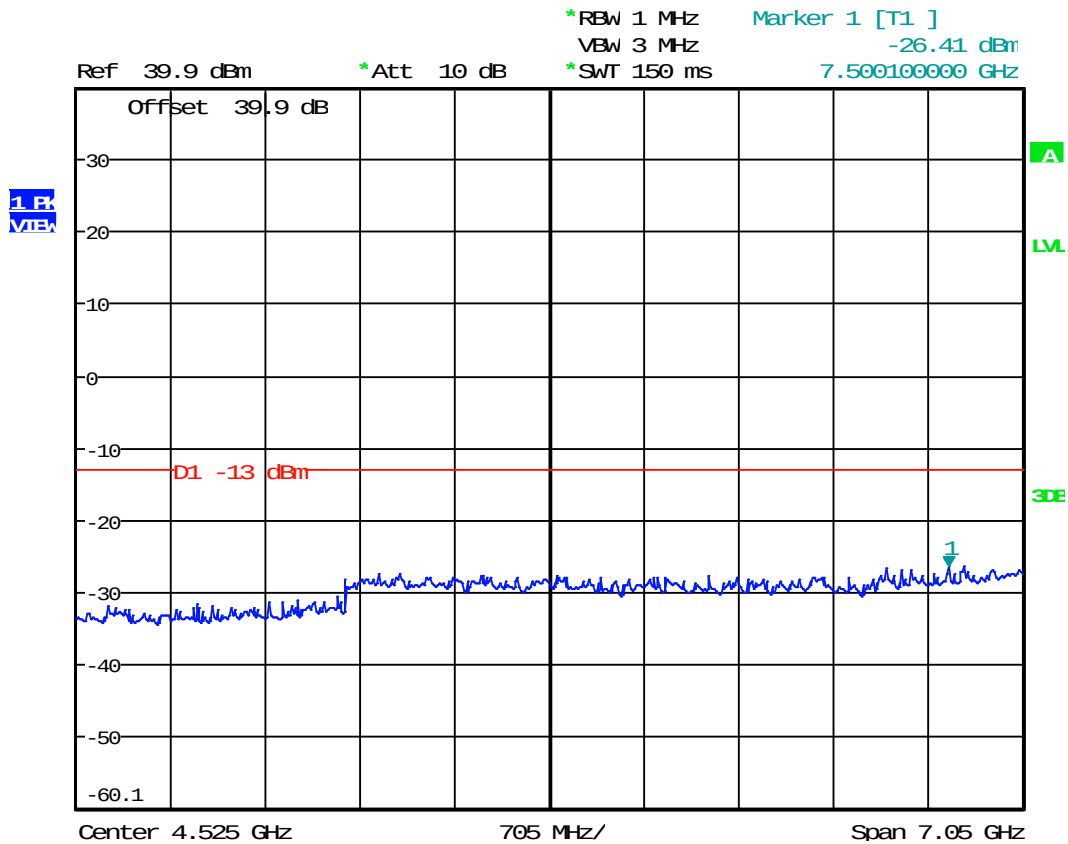
Date: 15.APR.2026 04:06:01

8.8.23 30 MHz to 1 GHz, 851 MHz



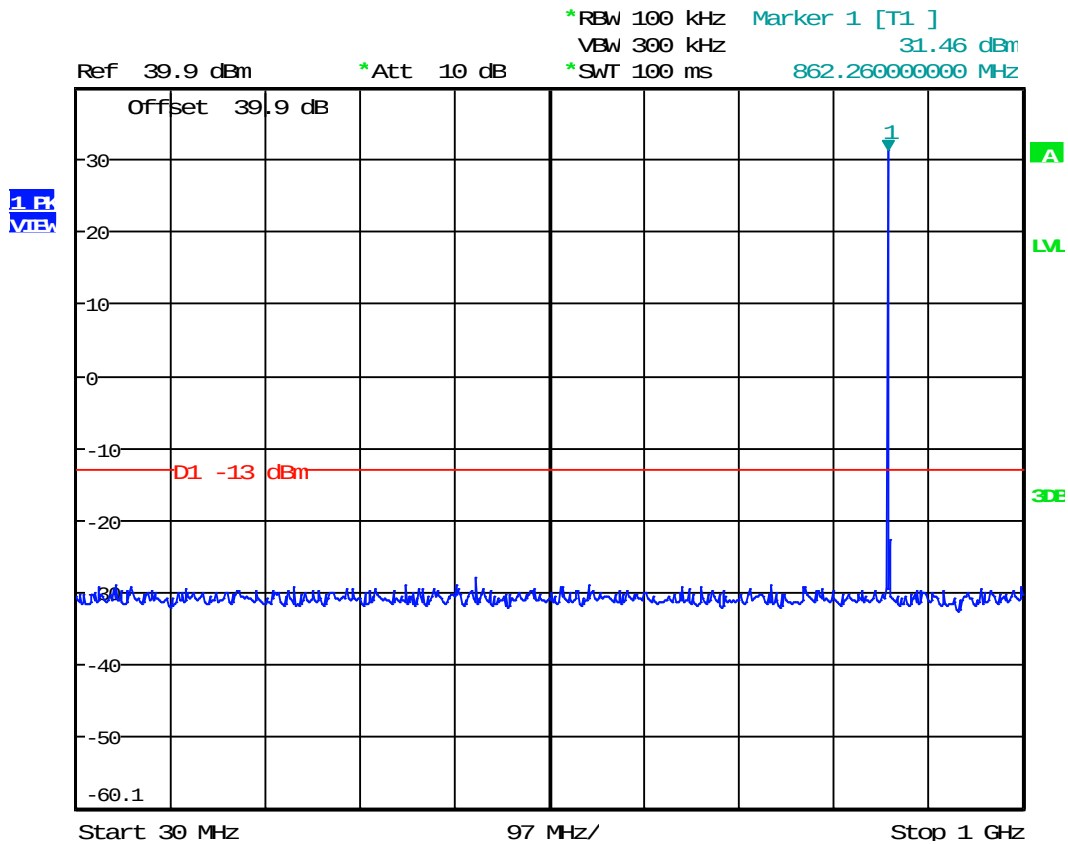
Date: 15.APR.2026 04:14:49

8.8.24 1 GHz to 10th Harmonic, 851 MHz



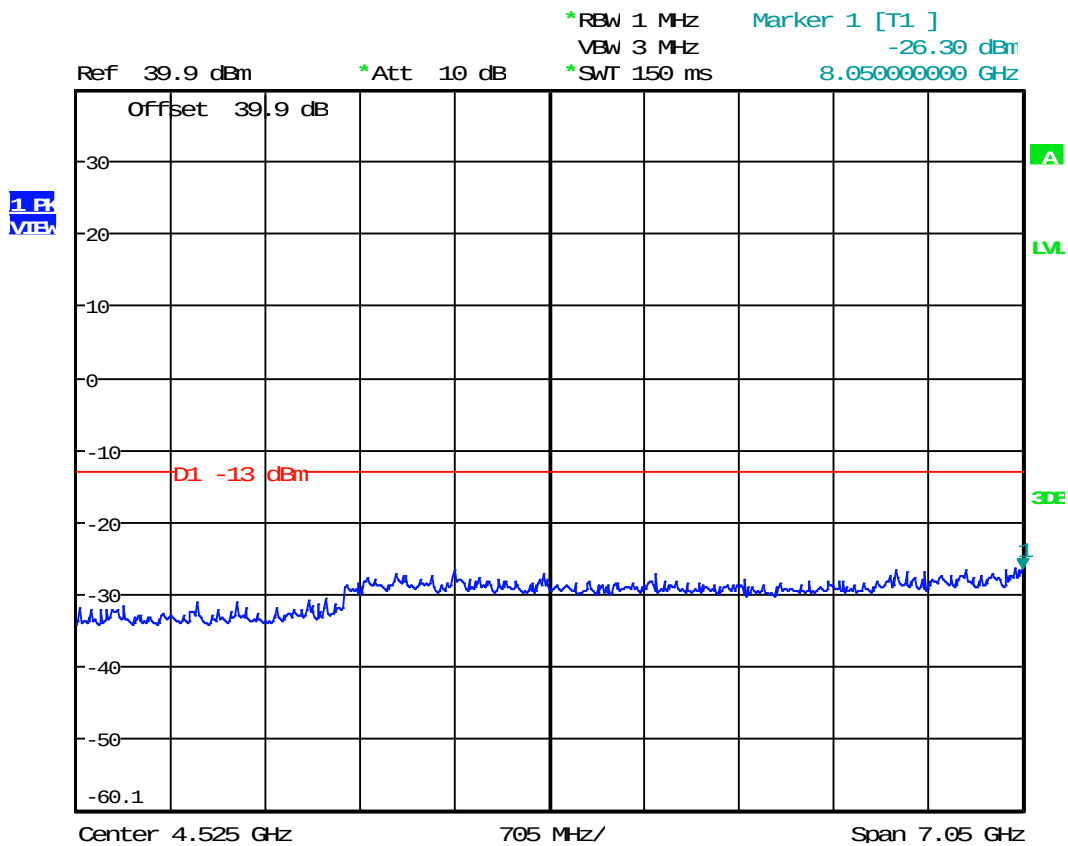
Date: 15.APR.2026 03:54:24

8.8.25 30 MHz to 1 GHz, 861 MHz



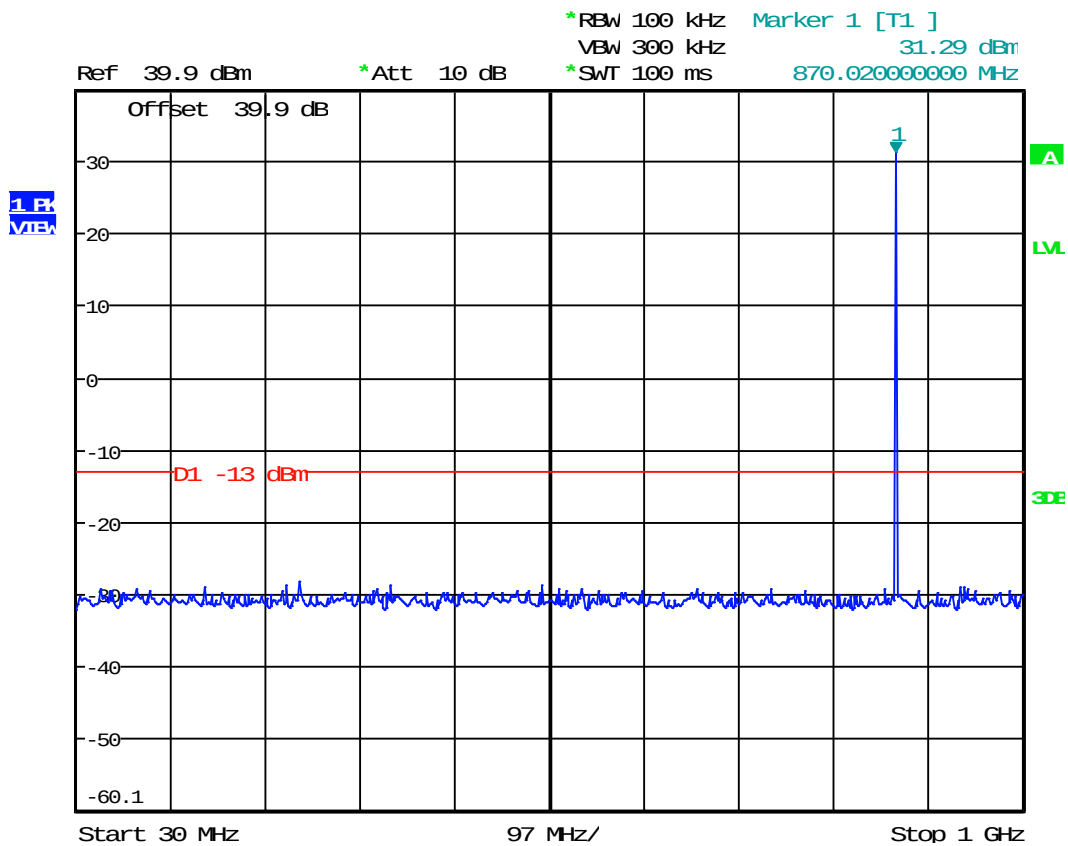
Date: 15.APR.2026 04:15:51

8.8.26 1 GHz to 10th Harmonic, 861 MHz



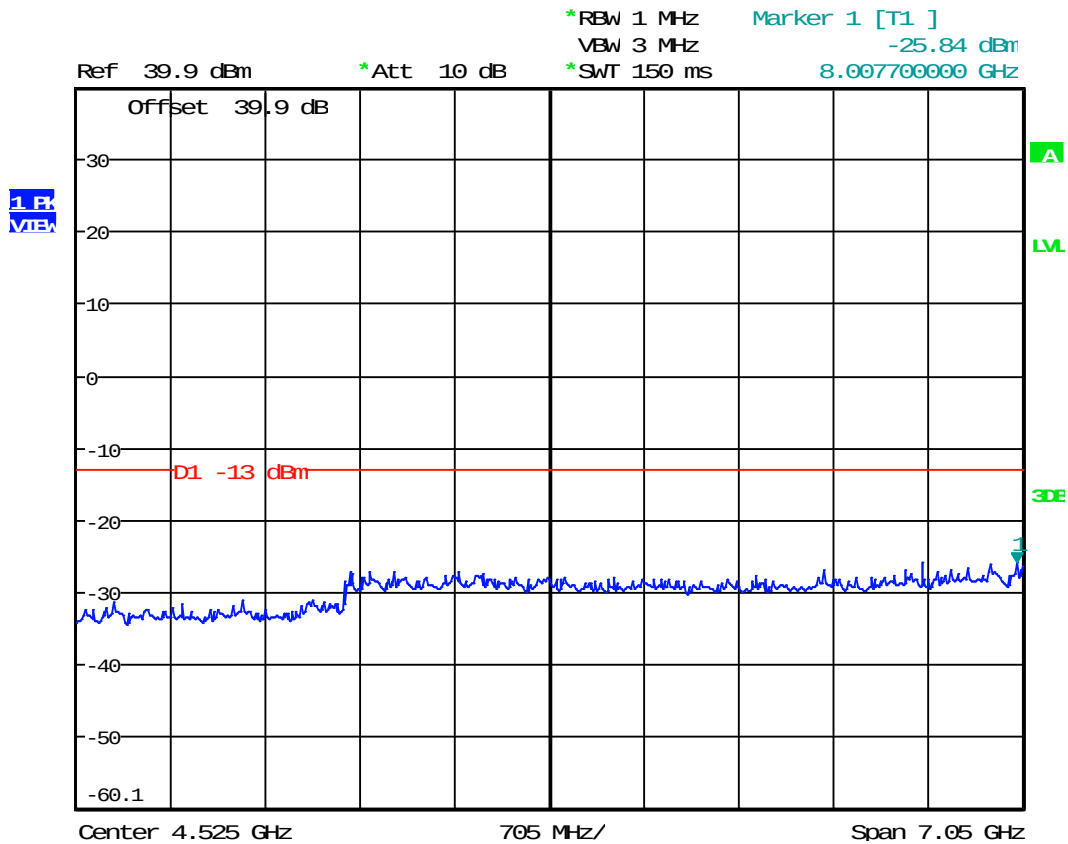
Date: 15.APR.2026 03:55:23

8.8.27 30 MHz to 1 GHz, 868 MHz



Date: 15.APR.2026 04:16:47

8.8.28 1 GHz to 10th Harmonic, 868 MHz

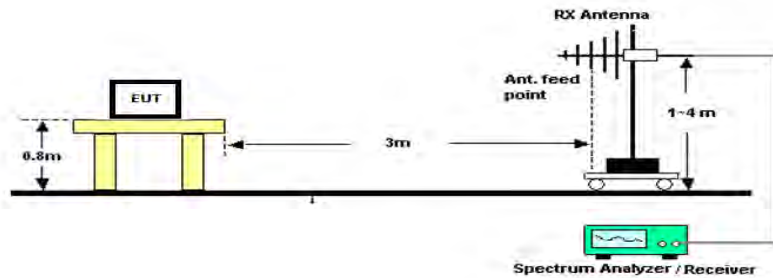


Date: 15.APR.2026 03:56:26

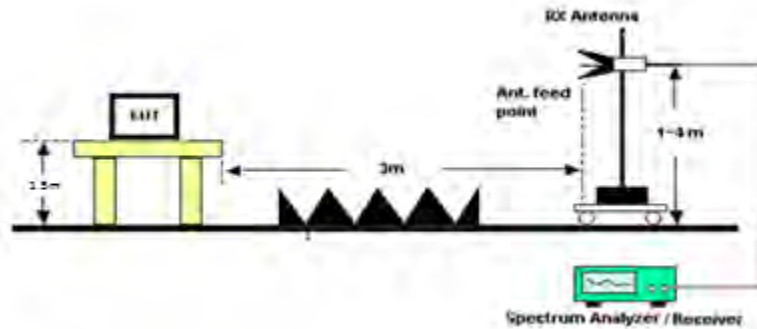
8.9 Spurious Radiated Emissions

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

8.9.1 700 MHz Band Uplink, 788 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)
1576.025	PK	19.60	H	-4.70	27.69	3.00	42.58	-54.79	-13.00	41.79
1576.025	PK	19.10	V	-4.70	27.69	3.00	42.08	-55.29	-13.00	42.29
2364.038	PK	20.20	H	-5.82	31.97	3.00	46.34	-51.03	-13.00	38.03
2364.038	PK	20.10	V	-5.82	31.97	3.00	46.24	-51.13	-13.00	38.13
3152.050	PK	21.80	H	-6.72	32.85	3.00	47.93	-49.45	-13.00	36.45
3152.050	PK	21.40	V	-6.72	32.85	3.00	47.53	-49.85	-13.00	36.85
3940.063	PK	21.20	H	-7.51	33.47	3.00	47.16	-50.22	-13.00	37.22
3940.063	PK	21.20	V	-7.51	33.47	3.00	47.16	-50.22	-13.00	37.22
4728.075	PK	19.80	H	-8.21	34.06	3.00	45.65	-51.73	-13.00	38.73
4728.075	PK	20.50	V	-8.21	34.06	3.00	46.35	-51.03	-13.00	38.03
5516.088	PK	20.10	H	-8.94	34.70	3.00	45.85	-51.52	-13.00	38.52
5516.088	PK	19.90	V	-8.94	34.70	3.00	45.65	-51.72	-13.00	38.72
6304.100	PK	22.60	H	-9.58	35.71	3.00	48.73	-48.65	-13.00	35.65
6304.100	PK	22.70	V	-9.58	35.71	3.00	48.83	-48.55	-13.00	35.55
7092.113	PK	24.00	H	-10.08	36.06	3.00	49.98	-47.40	-13.00	34.40
7092.113	PK	23.60	V	-10.08	36.06	3.00	49.58	-47.80	-13.00	34.80
7880.125	PK	24.70	H	-10.61	36.20	3.00	50.29	-47.09	-13.00	34.09
7880.125	PK	24.50	V	-10.61	36.20	3.00	50.09	-47.29	-13.00	34.29

8.9.2 700 MHz Band Uplink, 793 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)
1586.00	PK	19.70	H	-4.73	27.75	3.00	42.72	-54.65	-13.00	41.65
1586.00	PK	19.30	V	-4.73	27.75	3.00	42.32	-55.05	-13.00	42.05
2379.00	PK	20.90	H	-5.84	32.04	3.00	47.09	-50.28	-13.00	37.28
2379.00	PK	19.90	V	-5.84	32.04	3.00	46.09	-51.28	-13.00	38.28
3172.00	PK	21.10	H	-6.74	32.79	3.00	47.15	-50.23	-13.00	37.23
3172.00	PK	21.00	V	-6.74	32.79	3.00	47.05	-50.33	-13.00	37.33
3965.00	PK	22.00	H	-7.53	33.45	3.00	47.92	-49.46	-13.00	36.46
3965.00	PK	21.70	V	-7.53	33.45	3.00	47.62	-49.76	-13.00	36.76
4758.00	PK	20.10	H	-8.23	34.07	3.00	45.94	-51.44	-13.00	38.44
4758.00	PK	20.80	V	-8.23	34.07	3.00	46.64	-50.74	-13.00	37.74
5551.00	PK	19.80	H	-8.97	34.73	3.00	45.56	-51.82	-13.00	38.82
5551.00	PK	20.30	V	-8.97	34.73	3.00	46.06	-51.32	-13.00	38.32
6344.00	PK	22.00	H	-9.60	35.71	3.00	48.11	-49.26	-13.00	36.26
6344.00	PK	22.10	V	-9.60	35.71	3.00	48.21	-49.16	-13.00	36.16
7137.00	PK	24.10	H	-10.10	36.21	3.00	50.22	-47.16	-13.00	34.16
7137.00	PK	23.80	V	-10.10	36.21	3.00	49.92	-47.46	-13.00	34.46
7930.00	PK	25.20	H	-10.66	36.17	3.00	50.71	-46.66	-13.00	33.66
7930.00	PK	24.10	V	-10.66	36.17	3.00	49.61	-47.76	-13.00	34.76

8.9.3 700 MHz Band Uplink, 797 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)
1595.975	PK	19.70	H	-4.75	27.86	3.00	42.81	-54.56	-13.00	41.56
1595.975	PK	19.40	V	-4.75	27.86	3.00	42.51	-54.86	-13.00	41.86
2393.963	PK	19.50	H	-5.86	32.13	3.00	45.76	-51.61	-13.00	38.61
2393.963	PK	19.60	V	-5.86	32.13	3.00	45.86	-51.51	-13.00	38.51
3191.950	PK	21.10	H	-6.77	32.73	3.00	47.06	-50.32	-13.00	37.32
3191.950	PK	21.50	V	-6.77	32.73	3.00	47.46	-49.92	-13.00	36.92
3989.938	PK	21.90	H	-7.55	33.41	3.00	47.76	-49.62	-13.00	36.62
3989.938	PK	21.00	V	-7.55	33.41	3.00	46.86	-50.52	-13.00	37.52
4787.925	PK	20.80	H	-8.25	34.16	3.00	46.70	-50.67	-13.00	37.67
4787.925	PK	20.60	V	-8.25	34.16	3.00	46.50	-50.87	-13.00	37.87
5585.913	PK	20.60	H	-9.00	34.84	3.00	46.44	-50.94	-13.00	37.94
5585.913	PK	19.80	V	-9.00	34.84	3.00	45.64	-51.74	-13.00	38.74
6383.900	PK	22.20	H	-9.61	35.80	3.00	48.39	-48.99	-13.00	35.99
6383.900	PK	22.30	V	-9.61	35.80	3.00	48.49	-48.89	-13.00	35.89
7181.888	PK	22.30	H	-10.11	36.28	3.00	48.47	-48.91	-13.00	35.91
7181.888	PK	22.30	V	-10.11	36.28	3.00	48.47	-48.91	-13.00	35.91
7979.875	PK	23.80	H	-10.71	36.14	3.00	49.23	-48.15	-13.00	35.15

8.9.4 700 MHz Band Uplink, 804 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)
1609.975	PK	19.20	H	-4.76	28.12	3.00	42.56	-54.81	-13.00	41.81
1609.975	PK	19.60	V	-4.76	28.12	3.00	42.96	-54.41	-13.00	41.41
2414.963	PK	19.10	H	-5.88	32.17	3.00	45.38	-51.99	-13.00	38.99
2414.963	PK	19.00	V	-5.88	32.17	3.00	45.28	-52.09	-13.00	39.09
3219.950	PK	21.10	H	-6.79	32.74	3.00	47.04	-50.33	-13.00	37.33
3219.950	PK	21.00	V	-6.79	32.74	3.00	46.94	-50.43	-13.00	37.43
4024.938	PK	19.10	H	-7.58	33.38	3.00	44.90	-52.48	-13.00	39.48
4024.938	PK	19.80	V	-7.58	33.38	3.00	45.60	-51.78	-13.00	38.78
4829.925	PK	20.90	H	-8.28	34.18	3.00	46.79	-50.58	-13.00	37.58
4829.925	PK	20.80	V	-8.28	34.18	3.00	46.69	-50.68	-13.00	37.68
5634.913	PK	20.70	H	-9.02	34.93	3.00	46.62	-50.76	-13.00	37.76
5634.913	PK	20.40	V	-9.02	34.93	3.00	46.32	-51.06	-13.00	38.06
6439.900	PK	22.70	H	-9.65	35.84	3.00	48.88	-48.49	-13.00	35.49
6439.900	PK	22.50	V	-9.65	35.84	3.00	48.68	-48.69	-13.00	35.69
7244.888	PK	22.20	H	-10.14	36.44	3.00	48.50	-48.87	-13.00	35.87
7244.888	PK	22.00	V	-10.14	36.44	3.00	48.30	-49.07	-13.00	36.07
8049.875	PK	23.40	H	-10.76	36.09	3.00	48.73	-48.65	-13.00	35.65
8049.875	PK	23.60	V	-10.76	36.09	3.00	48.93	-48.45	-13.00	35.45

8.9.5 700 MHz Band Downlink, 758 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)
1516.03	PK	21.10	H	-4.56	27.70	3.00	44.24	-53.14	-13.00	40.14
1516.03	PK	20.10	V	-4.56	27.70	3.00	43.24	-54.14	-13.00	41.14
2274.04	PK	19.90	H	-5.71	31.93	3.00	46.11	-51.26	-13.00	38.26
2274.04	PK	20.30	V	-5.71	31.93	3.00	46.51	-50.86	-13.00	37.86
3032.05	PK	20.60	H	-6.56	32.84	3.00	46.88	-50.50	-13.00	37.50
3032.05	PK	20.10	V	-6.56	32.84	3.00	46.38	-51.00	-13.00	38.00
3790.06	PK	20.10	H	-7.33	33.32	3.00	46.09	-51.28	-13.00	38.28
3790.06	PK	20.00	V	-7.33	33.32	3.00	45.99	-51.38	-13.00	38.38
4548.08	PK	19.90	H	-8.08	33.98	3.00	45.79	-51.58	-13.00	38.58
4548.08	PK	19.90	V	-8.08	33.98	3.00	45.79	-51.58	-13.00	38.58
5306.09	PK	20.90	H	-8.73	34.48	3.00	46.64	-50.73	-13.00	37.73
5306.09	PK	21.40	V	-8.73	34.48	3.00	47.14	-50.23	-13.00	37.23
6064.10	PK	21.30	H	-9.38	35.43	3.00	47.35	-50.03	-13.00	37.03
6064.10	PK	21.40	V	-9.38	35.43	3.00	47.45	-49.93	-13.00	36.93
6822.11	PK	21.30	H	-9.93	35.78	3.00	47.15	-50.22	-13.00	37.22
6822.11	PK	21.30	V	-9.93	35.78	3.00	47.15	-50.22	-13.00	37.22
7580.13	PK	23.30	H	-10.40	36.12	3.00	49.02	-48.36	-13.00	35.36
7580.13	PK	23.90	V	-10.40	36.12	3.00	49.62	-47.76	-13.00	34.76

8.9.6 700 MHz Band Downlink, 763 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)
1526.00	PK	19.90	H	-4.58	27.68	3.00	43.00	-54.38	-13.00	41.38
1526.00	PK	20.30	V	-4.58	27.68	3.00	43.40	-53.98	-13.00	40.98
2289.00	PK	20.30	H	-5.73	31.92	3.00	46.49	-50.89	-13.00	37.89
2289.00	PK	20.10	V	-5.73	31.92	3.00	46.29	-51.09	-13.00	38.09
3052.00	PK	20.00	H	-6.59	32.90	3.00	46.31	-51.06	-13.00	38.06
3052.00	PK	19.90	V	-6.59	32.90	3.00	46.21	-51.16	-13.00	38.16
3815.00	PK	20.10	H	-7.36	33.40	3.00	46.14	-51.24	-13.00	38.24
3815.00	PK	19.80	V	-7.36	33.40	3.00	45.84	-51.54	-13.00	38.54
4578.00	PK	20.20	H	-8.10	34.04	3.00	46.14	-51.24	-13.00	38.24
4578.00	PK	19.70	V	-8.10	34.04	3.00	45.64	-51.74	-13.00	38.74
5341.00	PK	20.80	H	-8.75	34.60	3.00	46.64	-50.74	-13.00	37.74
5341.00	PK	20.90	V	-8.75	34.60	3.00	46.74	-50.64	-13.00	37.64
6104.00	PK	21.90	H	-9.43	35.52	3.00	48.00	-49.38	-13.00	36.38
6104.00	PK	22.40	V	-9.43	35.52	3.00	48.50	-48.88	-13.00	35.88
6867.00	PK	22.10	H	-9.95	35.80	3.00	47.95	-49.43	-13.00	36.43
6867.00	PK	21.80	V	-9.95	35.80	3.00	47.65	-49.73	-13.00	36.73
7630.00	PK	22.20	H	-10.43	36.13	3.00	47.89	-49.48	-13.00	36.48
7630.00	PK	22.10	V	-10.43	36.13	3.00	47.79	-49.58	-13.00	36.58

8.9.7 700 MHz Band Downlink, 767 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)
1535.98	PK	20.60	H	-4.61	27.68	3.00	43.68	-53.70	-13.00	40.70
1535.98	PK	20.60	V	-4.61	27.68	3.00	43.68	-53.70	-13.00	40.70
2303.96	PK	21.00	H	-5.75	31.94	3.00	47.19	-50.19	-13.00	37.19
2303.96	PK	20.60	V	-5.75	31.94	3.00	46.79	-50.59	-13.00	37.59
3071.95	PK	19.30	H	-6.61	32.90	3.00	45.58	-51.79	-13.00	38.79
3071.95	PK	20.30	V	-6.61	32.90	3.00	46.58	-50.79	-13.00	37.79
3839.94	PK	20.00	H	-7.40	33.47	3.00	46.07	-51.31	-13.00	38.31
3839.94	PK	19.90	V	-7.40	33.47	3.00	45.97	-51.41	-13.00	38.41
4607.93	PK	19.70	H	-8.13	34.09	3.00	45.67	-51.71	-13.00	38.71
4607.93	PK	19.80	V	-8.13	34.09	3.00	45.77	-51.61	-13.00	38.61
5375.91	PK	20.40	H	-8.78	34.66	3.00	46.28	-51.09	-13.00	38.09
5375.91	PK	21.30	V	-8.78	34.66	3.00	47.18	-50.19	-13.00	37.19
6143.90	PK	22.40	H	-9.48	35.55	3.00	48.48	-48.90	-13.00	35.90
6143.90	PK	22.50	V	-9.48	35.55	3.00	48.58	-48.80	-13.00	35.80
6911.89	PK	22.70	H	-9.97	35.81	3.00	48.55	-48.83	-13.00	35.83
6911.89	PK	23.00	V	-9.97	35.81	3.00	48.85	-48.53	-13.00	35.53
7679.88	PK	23.50	H	-10.47	36.15	3.00	49.18	-48.20	-13.00	35.20
7679.88	PK	23.20	V	-10.47	36.15	3.00	48.88	-48.50	-13.00	35.50

8.9.8 700 MHz Band Downlink, 774 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)
1549.98	PK	20.10	H	-4.64	27.69	3.00	43.15	-54.23	-13.00	41.23
1549.98	PK	20.70	V	-4.64	27.69	3.00	43.75	-53.63	-13.00	40.63
2324.96	PK	20.30	H	-5.77	31.92	3.00	46.45	-50.93	-13.00	37.93
2324.96	PK	20.60	V	-5.77	31.92	3.00	46.75	-50.63	-13.00	37.63
3099.95	PK	20.00	H	-6.65	32.89	3.00	46.24	-51.13	-13.00	38.13
3099.95	PK	20.00	V	-6.65	32.89	3.00	46.24	-51.13	-13.00	38.13
3874.94	PK	21.70	H	-7.44	33.47	3.00	47.72	-49.65	-13.00	36.65
3874.94	PK	20.30	V	-7.44	33.47	3.00	46.32	-51.05	-13.00	38.05
4649.93	PK	19.30	H	-8.15	34.10	3.00	45.24	-52.13	-13.00	39.13
4649.93	PK	19.60	V	-8.15	34.10	3.00	45.54	-51.83	-13.00	38.83
5424.91	PK	20.60	H	-8.82	34.71	3.00	46.49	-50.89	-13.00	37.89
5424.91	PK	21.30	V	-8.82	34.71	3.00	47.19	-50.19	-13.00	37.19
6199.90	PK	22.30	H	-9.55	35.59	3.00	48.34	-49.03	-13.00	36.03
6199.90	PK	22.20	V	-9.55	35.59	3.00	48.24	-49.13	-13.00	36.13
6974.89	PK	23.20	H	-10.00	35.90	3.00	49.10	-48.27	-13.00	35.27
6974.89	PK	23.40	V	-10.00	35.90	3.00	49.30	-48.07	-13.00	35.07
7749.88	PK	22.40	H	-10.52	36.21	3.00	48.09	-49.28	-13.00	36.28
7749.88	PK	22.30	V	-10.52	36.21	3.00	47.99	-49.38	-13.00	36.38

8.9.9 800 MHz Band Uplink, 806 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)
1612.025	PK	19.80	H	-4.75	28.13	3.00	43.18	-54.20	-13.00	41.20
1612.025	PK	19.90	V	-4.75	28.13	3.00	43.28	-54.10	-13.00	41.10
2418.038	PK	19.40	H	-5.89	32.20	3.00	45.71	-51.67	-13.00	38.67
2418.038	PK	19.40	V	-5.89	32.20	3.00	45.71	-51.67	-13.00	38.67
3224.050	PK	19.40	H	-6.79	32.74	3.00	45.35	-52.03	-13.00	39.03
3224.050	PK	19.60	V	-6.79	32.74	3.00	45.55	-51.83	-13.00	38.83
4030.063	PK	19.80	H	-7.59	33.38	3.00	45.59	-51.78	-13.00	38.78
4030.063	PK	19.90	V	-7.59	33.38	3.00	45.69	-51.68	-13.00	38.68
4836.075	PK	20.20	H	-8.29	34.18	3.00	46.09	-51.29	-13.00	38.29
4836.075	PK	20.90	V	-8.29	34.18	3.00	46.79	-50.59	-13.00	37.59
5642.088	PK	20.50	H	-9.02	34.94	3.00	46.42	-50.95	-13.00	37.95
5642.088	PK	20.80	V	-9.02	34.94	3.00	46.72	-50.65	-13.00	37.65
6448.100	PK	21.80	H	-9.66	35.83	3.00	47.98	-49.40	-13.00	36.40
6448.100	PK	22.10	V	-9.66	35.83	3.00	48.28	-49.10	-13.00	36.10
7254.113	PK	21.30	H	-10.14	36.46	3.00	47.62	-49.76	-13.00	36.76
7254.113	PK	21.90	V	-10.14	36.46	3.00	48.22	-49.16	-13.00	36.16
8060.125	PK	23.60	H	-10.77	36.08	3.00	48.92	-48.46	-13.00	35.46
8060.125	PK	23.30	V	-10.77	36.08	3.00	48.62	-48.76	-13.00	35.76

8.9.10 800 MHz Band Uplink, 816 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)
1633.975	PK	21.10	H	-4.74	28.45	3.00	44.80	-52.57	-13.00	39.57
1633.975	PK	19.80	V	-4.74	28.45	3.00	43.50	-53.87	-13.00	40.87
2450.963	PK	21.30	H	-5.92	32.33	3.00	47.71	-49.67	-13.00	36.67
2450.963	PK	22.10	V	-5.92	32.33	3.00	48.51	-48.87	-13.00	35.87
3267.950	PK	19.50	H	-6.82	32.79	3.00	45.47	-51.91	-13.00	38.91
3267.950	PK	19.60	V	-6.82	32.79	3.00	45.57	-51.81	-13.00	38.81
4084.938	PK	19.20	H	-7.64	33.51	3.00	45.08	-52.30	-13.00	39.30
4084.938	PK	20.00	V	-7.64	33.51	3.00	45.88	-51.50	-13.00	38.50
4901.925	PK	21.10	H	-8.34	34.07	3.00	46.83	-50.55	-13.00	37.55
4901.925	PK	21.40	V	-8.34	34.07	3.00	47.13	-50.25	-13.00	37.25
5718.913	PK	21.00	H	-9.05	34.86	3.00	46.81	-50.57	-13.00	37.57
5718.913	PK	21.70	V	-9.05	34.86	3.00	47.51	-49.87	-13.00	36.87
6535.900	PK	22.70	H	-9.73	35.83	3.00	48.80	-48.58	-13.00	35.58
6535.900	PK	23.30	V	-9.73	35.83	3.00	49.40	-47.98	-13.00	34.98
7352.888	PK	22.20	H	-10.22	36.33	3.00	48.31	-49.07	-13.00	36.07
7352.888	PK	21.80	V	-10.22	36.33	3.00	47.91	-49.47	-13.00	36.47
8169.875	PK	23.70	H	-10.85	36.05	3.00	48.90	-48.48	-13.00	35.48
8169.875	PK	24.40	V	-10.85	36.05	3.00	49.60	-47.78	-13.00	34.78

8.9.11 800 MHz Band Uplink, 823 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)
1647.975	PK	19.90	H	-4.74	28.66	3.00	43.83	-53.55	-13.00	40.55
1647.975	PK	19.80	V	-4.74	28.66	3.00	43.73	-53.65	-13.00	40.65
2471.963	PK	21.70	H	-5.94	32.36	3.00	48.12	-49.26	-13.00	36.26
2471.963	PK	22.20	V	-5.94	32.36	3.00	48.62	-48.76	-13.00	35.76
3295.950	PK	19.30	H	-6.84	32.80	3.00	45.26	-52.12	-13.00	39.12
3295.950	PK	19.20	V	-6.84	32.80	3.00	45.16	-52.22	-13.00	39.22
4119.938	PK	19.10	H	-7.67	33.54	3.00	44.97	-52.41	-13.00	39.41
4119.938	PK	19.20	V	-7.67	33.54	3.00	45.07	-52.31	-13.00	39.31
4943.925	PK	21.00	H	-8.38	33.99	3.00	46.61	-50.77	-13.00	37.77
4943.925	PK	21.10	V	-8.38	33.99	3.00	46.71	-50.67	-13.00	37.67
5767.913	PK	21.70	H	-9.09	34.84	3.00	47.45	-49.93	-13.00	36.93
5767.913	PK	20.90	V	-9.09	34.84	3.00	46.65	-50.73	-13.00	37.73
6591.900	PK	23.50	H	-9.78	35.79	3.00	49.51	-47.87	-13.00	34.87
6591.900	PK	23.40	V	-9.78	35.79	3.00	49.41	-47.97	-13.00	34.97
7415.888	PK	22.80	H	-10.28	36.24	3.00	48.75	-48.62	-13.00	35.62
7415.888	PK	23.00	V	-10.28	36.24	3.00	48.95	-48.42	-13.00	35.42
8239.875	PK	25.00	H	-10.90	36.04	3.00	50.14	-47.24	-13.00	34.24
8239.875	PK	24.80	V	-10.90	36.04	3.00	49.94	-47.44	-13.00	34.44

8.9.12 800 MHz Band Downlink, 851 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)
1702.03	PK	21.00	H	-4.72	29.36	3.00	45.65	-51.73	-13.00	38.73
1702.03	PK	20.60	V	-4.72	29.36	3.00	45.25	-52.13	-13.00	39.13
2553.04	PK	22.60	H	-6.03	32.57	3.00	49.14	-48.24	-13.00	35.24
2553.04	PK	22.70	V	-6.03	32.57	3.00	49.24	-48.14	-13.00	35.14
3404.05	PK	21.70	H	-6.95	32.54	3.00	47.28	-50.09	-13.00	37.09
3404.05	PK	22.00	V	-6.95	32.54	3.00	47.58	-49.79	-13.00	36.79
4255.06	PK	19.50	H	-7.79	33.45	3.00	45.16	-52.21	-13.00	39.21
4255.06	PK	20.10	V	-7.79	33.45	3.00	45.76	-51.61	-13.00	38.61
5106.08	PK	20.10	H	-8.55	34.21	3.00	45.76	-51.62	-13.00	38.62
5106.08	PK	19.80	V	-8.55	34.21	3.00	45.46	-51.92	-13.00	38.92
5957.09	PK	20.50	H	-9.26	35.28	3.00	46.52	-50.85	-13.00	37.85
5957.09	PK	20.20	V	-9.26	35.28	3.00	46.22	-51.15	-13.00	38.15
6808.10	PK	21.60	H	-9.92	35.78	3.00	47.45	-49.92	-13.00	36.92
6808.10	PK	22.10	V	-9.92	35.78	3.00	47.95	-49.42	-13.00	36.42
7659.11	PK	23.20	H	-10.46	36.14	3.00	48.89	-48.49	-13.00	35.49
7659.11	PK	23.10	V	-10.46	36.14	3.00	48.79	-48.59	-13.00	35.59
8510.13	PK	24.10	H	-11.04	35.94	3.00	48.99	-48.38	-13.00	35.38
8510.13	PK	24.10	V	-11.04	35.94	3.00	48.99	-48.38	-13.00	35.38

8.9.13 800 MHz Band Downlink, 861 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)
1723.98	PK	20.50	H	-4.81	29.51	3.00	45.21	-52.17	-13.00	39.17
1723.98	PK	20.80	V	-4.81	29.51	3.00	45.51	-51.87	-13.00	38.87
2585.96	PK	23.10	H	-6.07	32.54	3.00	49.57	-47.81	-13.00	34.81
2585.96	PK	23.50	V	-6.07	32.54	3.00	49.97	-47.41	-13.00	34.41
3447.95	PK	19.70	H	-7.00	32.57	3.00	45.27	-52.10	-13.00	39.10
3447.95	PK	20.50	V	-7.00	32.57	3.00	46.07	-51.30	-13.00	38.30
4309.94	PK	20.70	H	-7.84	33.55	3.00	46.41	-50.97	-13.00	37.97
4309.94	PK	20.40	V	-7.84	33.55	3.00	46.11	-51.27	-13.00	38.27
5171.93	PK	20.10	H	-8.61	34.26	3.00	45.75	-51.63	-13.00	38.63
5171.93	PK	20.04	V	-8.61	34.26	3.00	45.69	-51.69	-13.00	38.69
6033.91	PK	21.00	H	-9.35	35.38	3.00	47.02	-50.35	-13.00	37.35
6033.91	PK	21.20	V	-9.35	35.38	3.00	47.22	-50.15	-13.00	37.15
6895.90	PK	22.70	H	-9.96	35.80	3.00	48.54	-48.83	-13.00	35.83
6895.90	PK	22.80	V	-9.96	35.80	3.00	48.64	-48.73	-13.00	35.73
7757.89	PK	22.30	H	-10.52	36.21	3.00	47.98	-49.39	-13.00	36.39
7757.89	PK	22.60	V	-10.52	36.21	3.00	48.28	-49.09	-13.00	36.09
8619.88	PK	24.70	H	-11.10	35.97	3.00	49.57	-47.81	-13.00	34.81
8619.88	PK	23.90	V	-11.10	35.97	3.00	48.77	-48.61	-13.00	35.61

8.9.14 800 MHz Band Downlink, 868 MHz

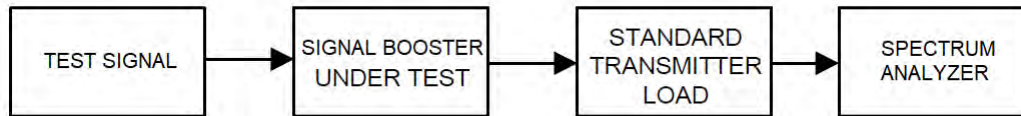
Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
1737.98	PK	24.70	H	-4.86	29.72	3.00	49.56	-47.82	-13.00	34.82
1737.98	PK	20.70	V	-4.86	29.72	3.00	45.56	-51.82	-13.00	38.82
2606.96	PK	21.30	H	-6.10	32.58	3.00	47.79	-49.59	-13.00	36.59
2606.96	PK	22.20	V	-6.10	32.58	3.00	48.69	-48.69	-13.00	35.69
3475.95	PK	20.80	H	-7.03	32.74	3.00	46.52	-50.86	-13.00	37.86
3475.95	PK	20.40	V	-7.03	32.74	3.00	46.12	-51.26	-13.00	38.26
4344.94	PK	21.00	H	-7.88	33.69	3.00	46.80	-50.58	-13.00	37.58
4344.94	PK	20.80	V	-7.88	33.69	3.00	46.60	-50.78	-13.00	37.78
5213.93	PK	20.50	H	-8.64	34.32	3.00	46.18	-51.20	-13.00	38.20
5213.93	PK	21.00	V	-8.64	34.32	3.00	46.68	-50.70	-13.00	37.70
6082.91	PK	21.20	H	-9.40	35.48	3.00	47.28	-50.10	-13.00	37.10
6082.91	PK	22.10	V	-9.40	35.48	3.00	48.18	-49.20	-13.00	36.20
6951.90	PK	23.10	H	-9.99	35.85	3.00	48.96	-48.42	-13.00	35.42
6951.90	PK	23.00	V	-9.99	35.85	3.00	48.86	-48.52	-13.00	35.52
7820.89	PK	23.00	H	-10.57	36.19	3.00	48.63	-48.75	-13.00	35.75
7820.89	PK	23.10	V	-10.57	36.19	3.00	48.73	-48.65	-13.00	35.65
8689.88	PK	25.20	H	-11.18	36.01	3.00	50.03	-47.35	-13.00	34.35
8689.88	PK	25.90	V	-11.18	36.01	3.00	50.73	-46.65	-13.00	33.65

8.10 Modulation Characteristics

Referenced from test report "TR_27685-26_FCC 90_Booster Class B_1".

Limits from FCC Parts 2.1047, and test procedure from ANSI C63.26-2015.

Test Setup

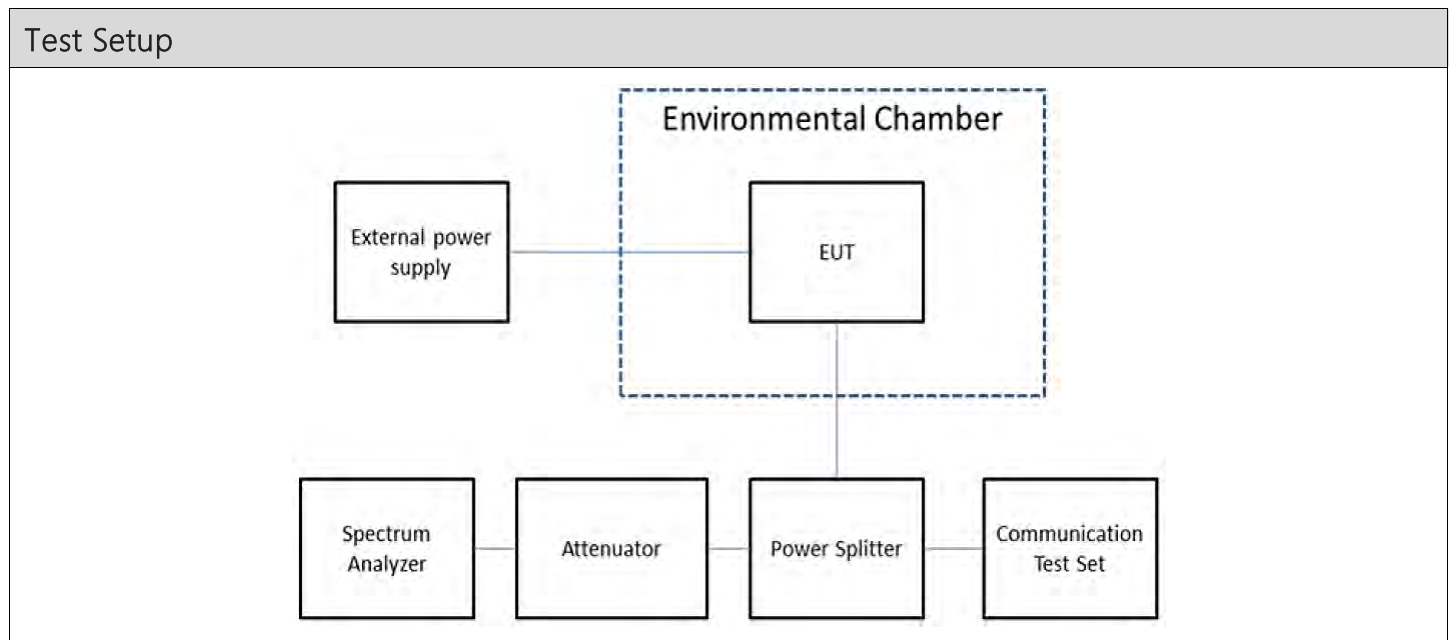


N/A. The EUT does not have any means to modulate the incoming signal.

8.11 Frequency Stability

Referenced from test report "TR_27685-26_FCC 90_Booster Class B_1".

Limits from FCC Parts 2.1055, 90.213 (a); and test procedure from ANSI C63.26-2015 and FCC KDB 935210 D05 v01r04 Industrial Signal Boosters.



Test Results, Mode 1		
Tuned Frequency (MHz)	Max Deviation (kHz)	Limit (ppm)
n/a	n/a	n/a

N/A. The EUT does not alter the input signal in any way.

8.12 Transient Frequency Behavior

Referenced from test report "TR_27685-26_FCC 90_Booster Class B_1".

Limits from FCC Part 90.214; and test procedure from ANSI C63.26-2015.

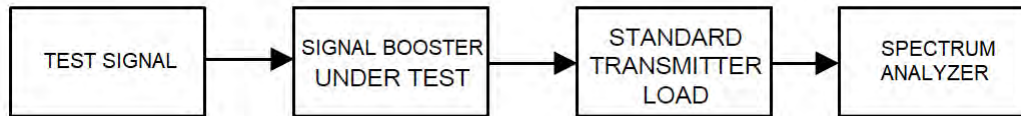
N/A. The EUT does not "key-on" or "key off", and instead transmits indefinitely.

8.13 Adjacent channel power limits

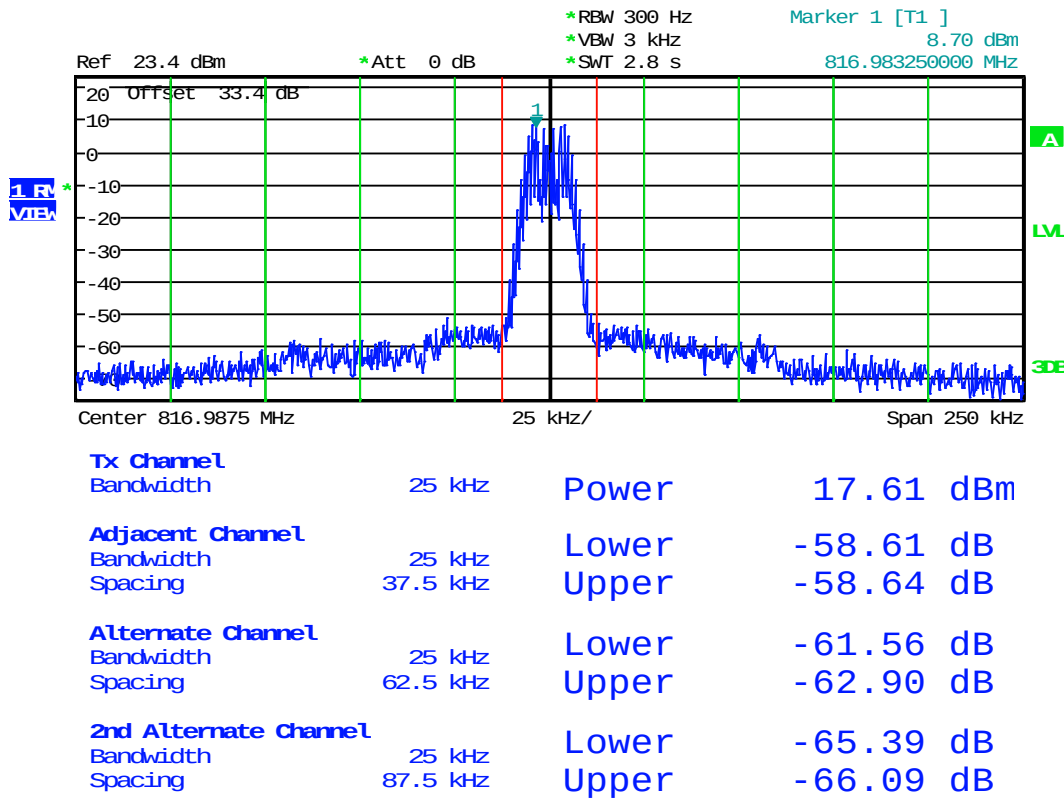
Referenced from test report "TR_27685-26_FCC 90_Booster Class B_1".

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

Test Setup

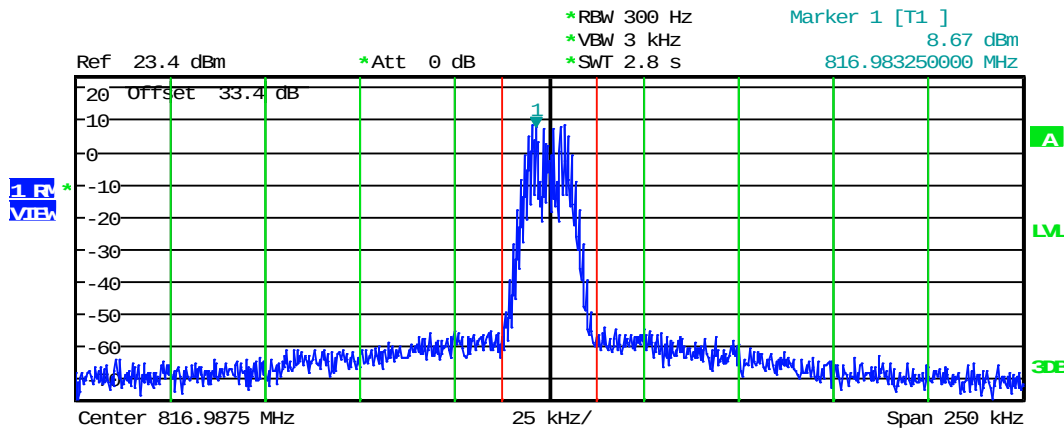


8.13.1 25 kHz AGC, 816 MHz



Date: 21.APR.2026 03:54:52

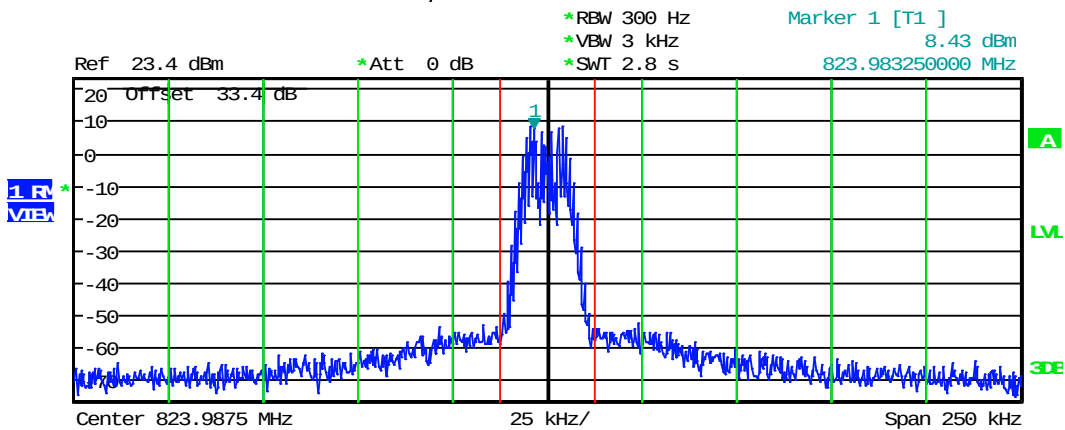
8.13.1 25 kHz AGC+3, 816 MHz



Tx Channel			
Bandwidth	25 kHz	Power	17.59 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-59.58 dB
Spacing	37.5 kHz	Upper	-59.17 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-62.89 dB
Spacing	62.5 kHz	Upper	-63.88 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-66.23 dB
Spacing	87.5 kHz	Upper	-66.78 dB

Date: 21.APR.2026 03:56:13

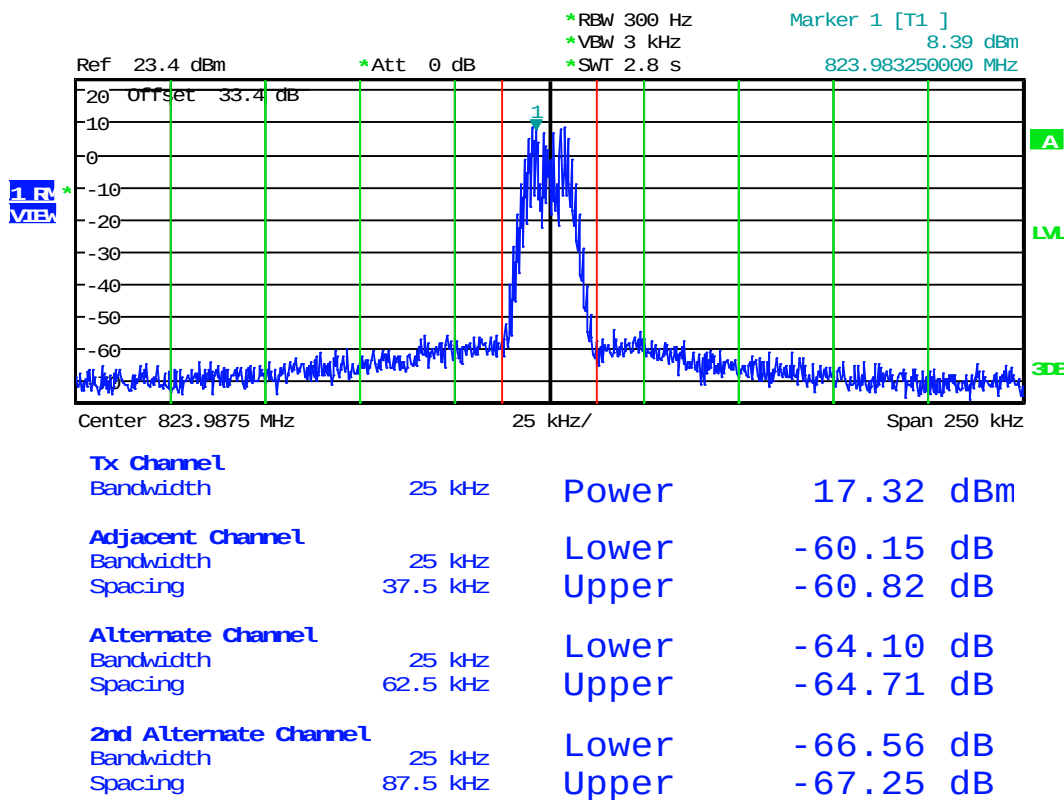
8.13.2 25 kHz AGC, 823 MHz



Tx Channel			
Bandwidth	25 kHz	Power	17.34 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-58.96 dB
Spacing	37.5 kHz	Upper	-58.75 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-64.19 dB
Spacing	62.5 kHz	Upper	-64.07 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-66.71 dB
Spacing	87.5 kHz	Upper	-66.35 dB

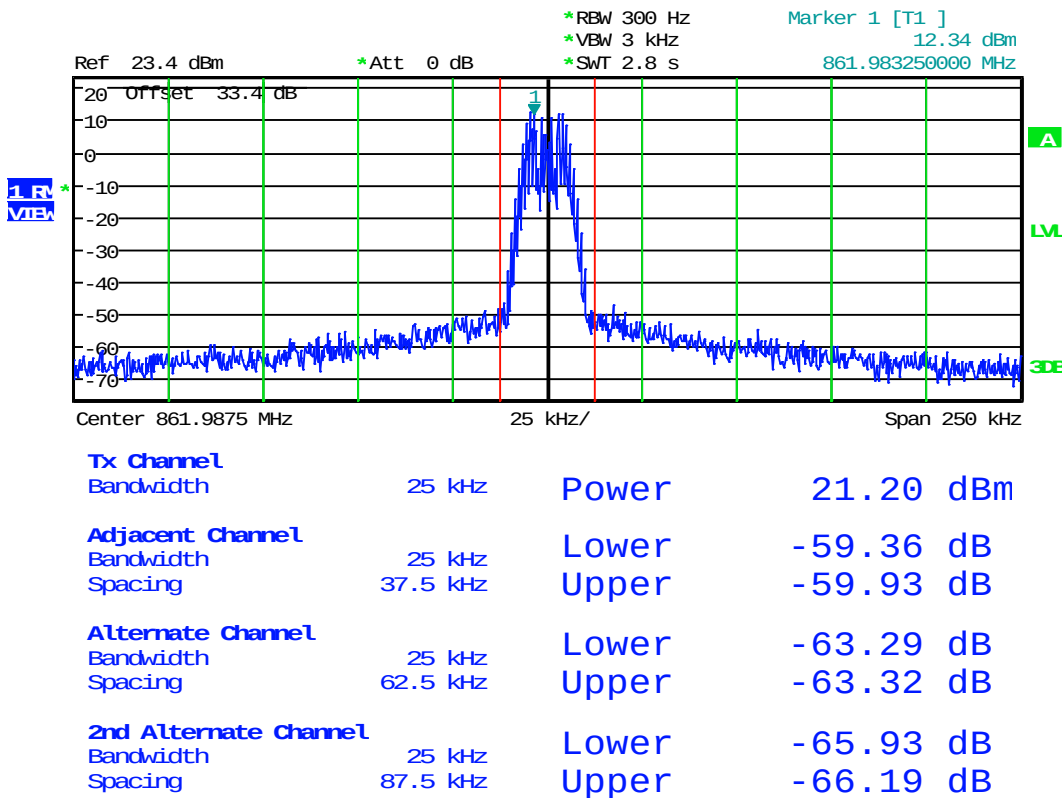
Date: 21.APR.2026 03:59:05

8.13.3 25 kHz AGC+3, 823 MHz



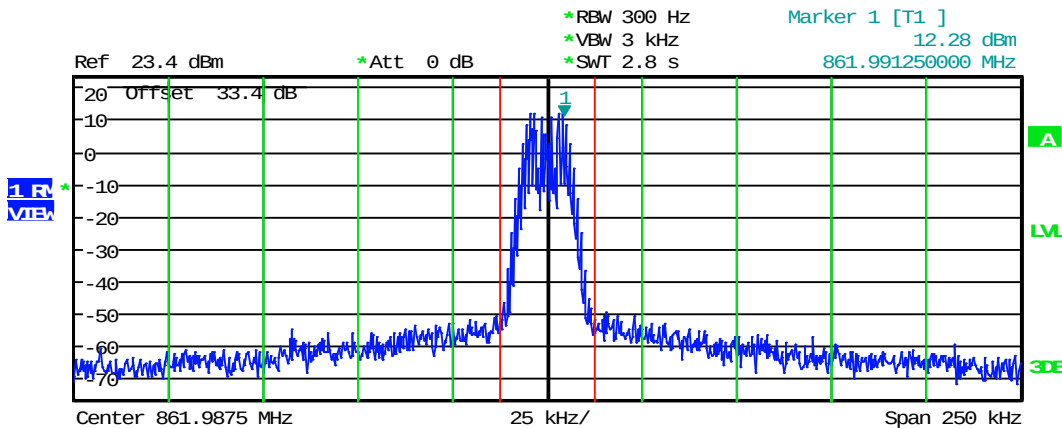
Date: 21.APR.2026 04:06:31

8.13.4 25 kHz AGC, 861 MHz



Date: 21.APR.2026 04:02:00

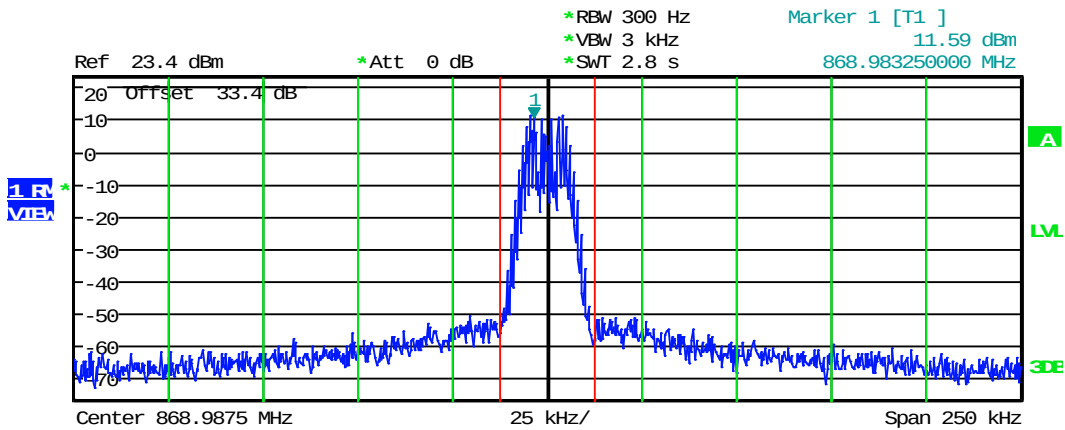
8.13.5 25 kHz AGC+3, 861 MHz



Tx Channel			
Bandwidth	25 kHz	Power	21.16 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-59.93 dB
Spacing	37.5 kHz	Upper	-60.20 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-63.34 dB
Spacing	62.5 kHz	Upper	-63.68 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-66.42 dB
Spacing	87.5 kHz	Upper	-66.14 dB

Date: 21.APR.2026 04:02:58

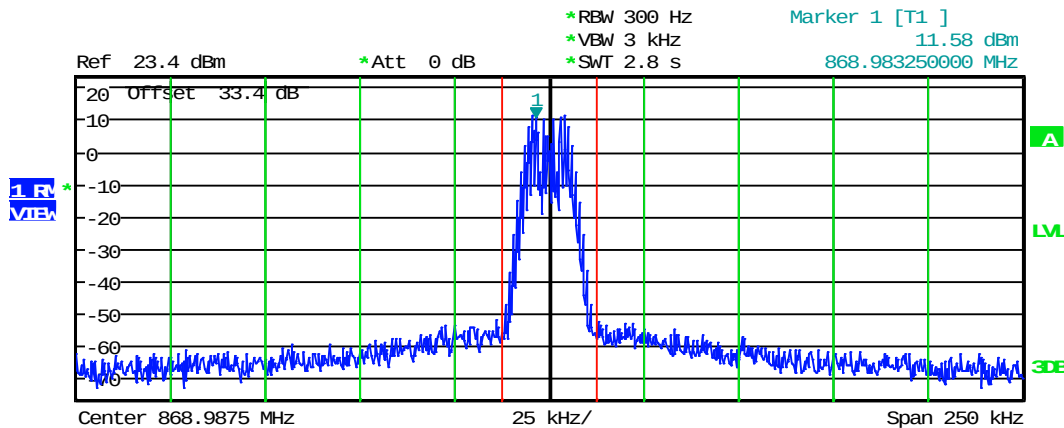
8.13.6 25 kHz AGC, 868 MHz



Tx Channel			
Bandwidth	25 kHz	Power	20.50 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-60.40 dB
Spacing	37.5 kHz	Upper	-60.14 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-64.20 dB
Spacing	62.5 kHz	Upper	-64.36 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-66.41 dB
Spacing	87.5 kHz	Upper	-65.96 dB

Date: 21.APR.2026 04:03:58

8.13.7 25 kHz AGC+3, 868 MHz



Tx Channel			
Bandwidth	25 kHz	Power	20.47 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-61.18 dB
Spacing	37.5 kHz	Upper	-61.32 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-65.44 dB
Spacing	62.5 kHz	Upper	-64.57 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-66.55 dB
Spacing	87.5 kHz	Upper	-66.69 dB

Date: 21.APR.2026 04:04:50

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_27685-26_FCC 90_Booster Class A_	1	Initial release	2026-06-23

END OF TEST REPORT