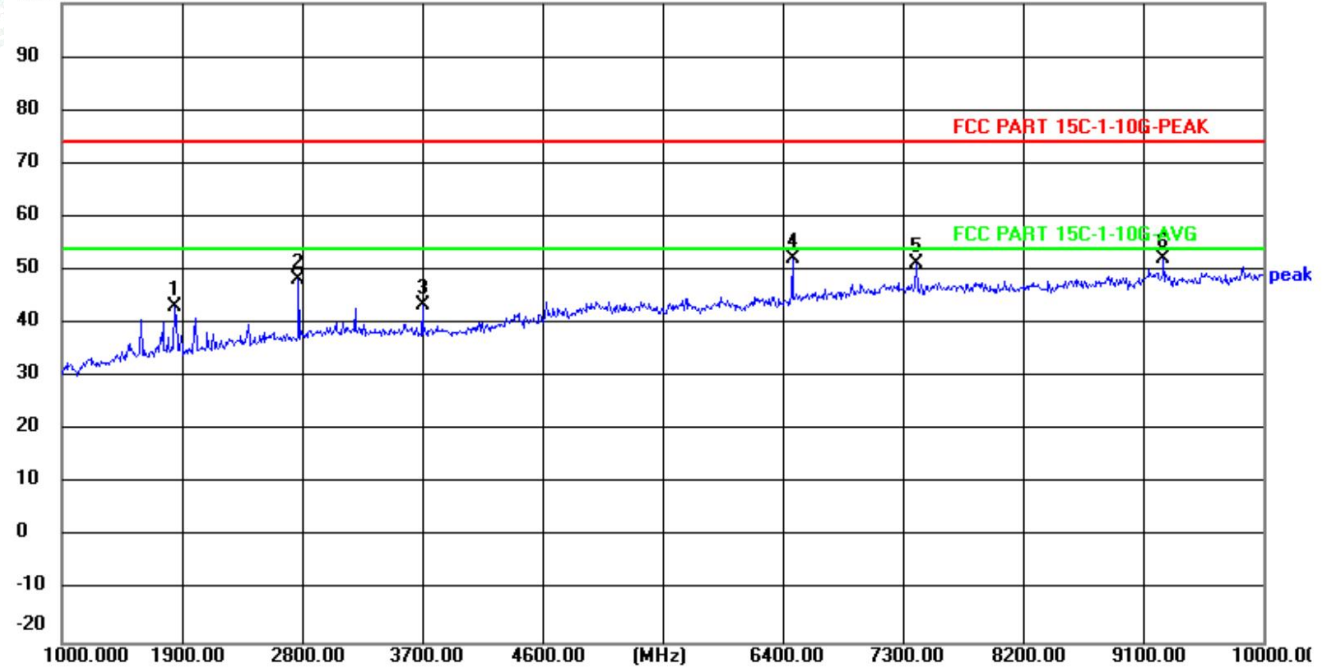




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m



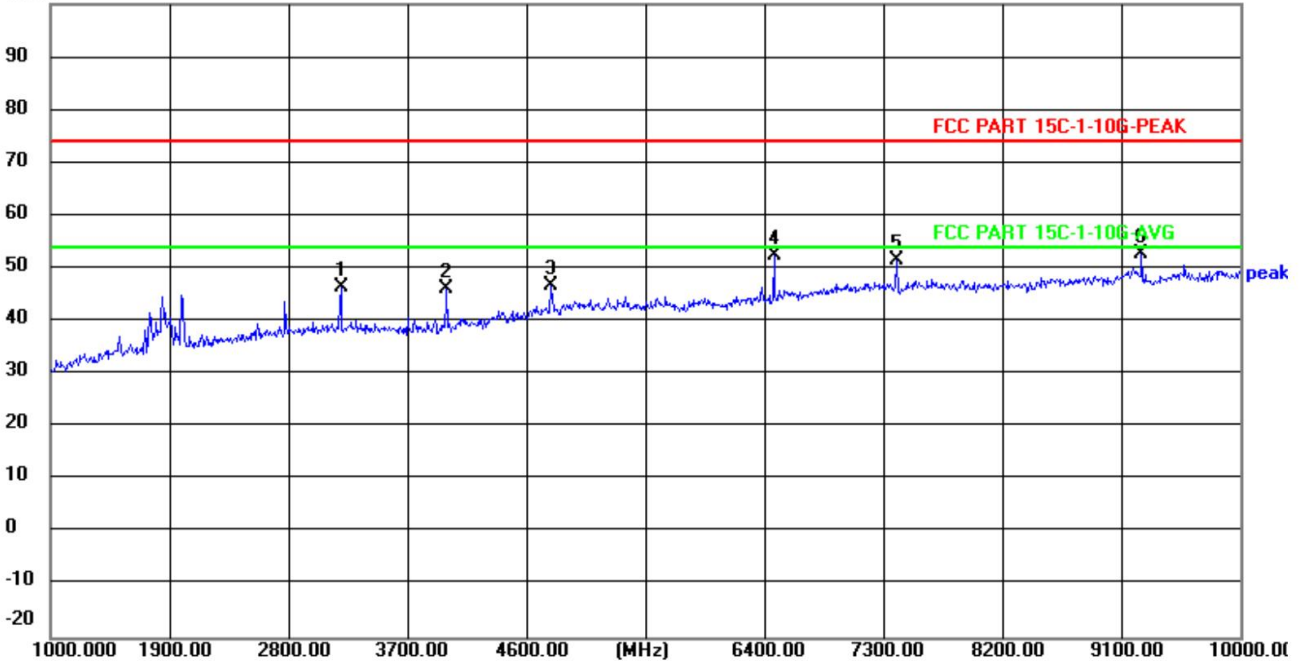
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1846.000	56.99	-13.91	43.08	74.00	-30.92	peak
2	2773.000	58.73	-10.38	48.35	74.00	-25.65	peak
3	3700.000	52.46	-9.06	43.40	74.00	-30.60	peak
4	6472.000	53.82	-1.57	52.25	74.00	-21.75	peak
5	7399.000	50.70	0.47	51.17	74.00	-22.83	peak
6	9253.000	49.82	2.30	52.12	74.00	-21.88	peak





Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3196.000	56.11	-9.52	46.59	74.00	-27.41	peak
2	3997.000	54.75	-8.54	46.21	74.00	-27.79	peak
3	4780.000	52.03	-5.20	46.83	74.00	-27.17	peak
4	6472.000	54.01	-1.57	52.44	74.00	-21.56	peak
5	7399.000	51.20	0.47	51.67	74.00	-22.33	peak
6	9253.000	50.55	2.30	52.85	74.00	-21.15	peak

Notes:

- 1). Measuring frequencies from 9 KHz - 10th harmonic (ex. 10GHz), No emission found between lowest internal used/generated frequency to 30 MHz.
- 2). Radiated emissions measured in frequency range from 1GHz - 10th harmonic (ex. 10GHz) were made with an instrument using Peak detector mode. Due to the measure PK emission level less than the AV limit value. No necessary to take down the AV emission level.
- 3). Margin=Reading level + Factor - Limit.

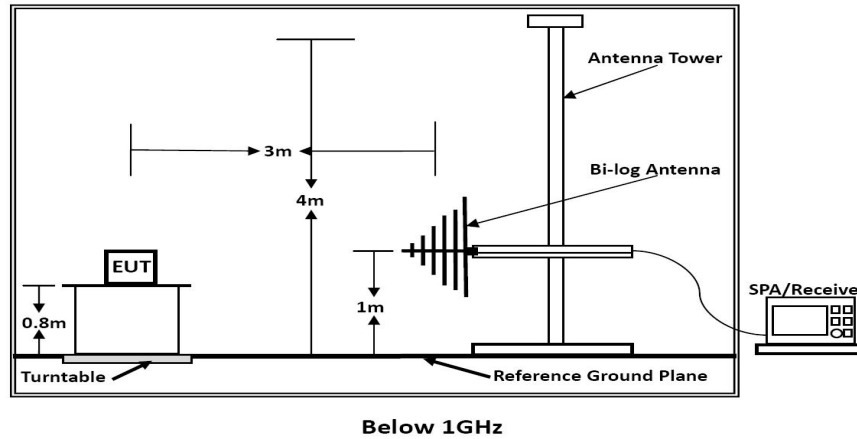


8. RESULTS FOR BAND EDGE TESTING

8.1. Standard Applicable

According to FCC §15.249 (d): Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

8.2. Test Setup Layout



8.3. Measuring Instruments and Setting

Please refer to equipment list in this report. The following table is the setting of Spectrum Analyzer.

8.4. Test Procedures

3) Sequence of testing 30MHz to 1000 MHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:





- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height changes from 1 to 3 meter.
- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

8.5. Measuring Instruments and Setting

PASS

The test data please refer to following page.

Remark:

1. The other emission levels were very low against the limit.
2. Detector PK is setting spectrum/receiver. RBW=100KHz/VBW=300KHz/Sweep time=Auto/Detector=Peak;
3. Please refer to following test plots;



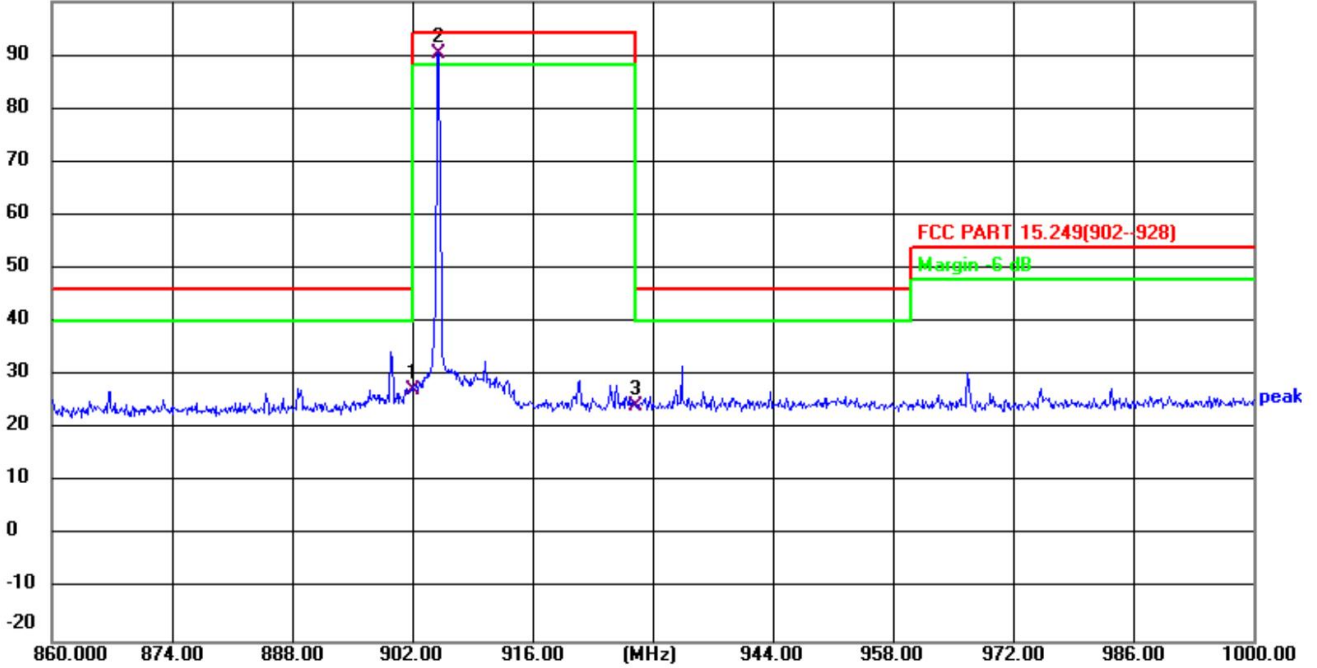


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	2-GFSK05

Channel 0 /905.0 MHz

Vertical

100.0 dBuV/m

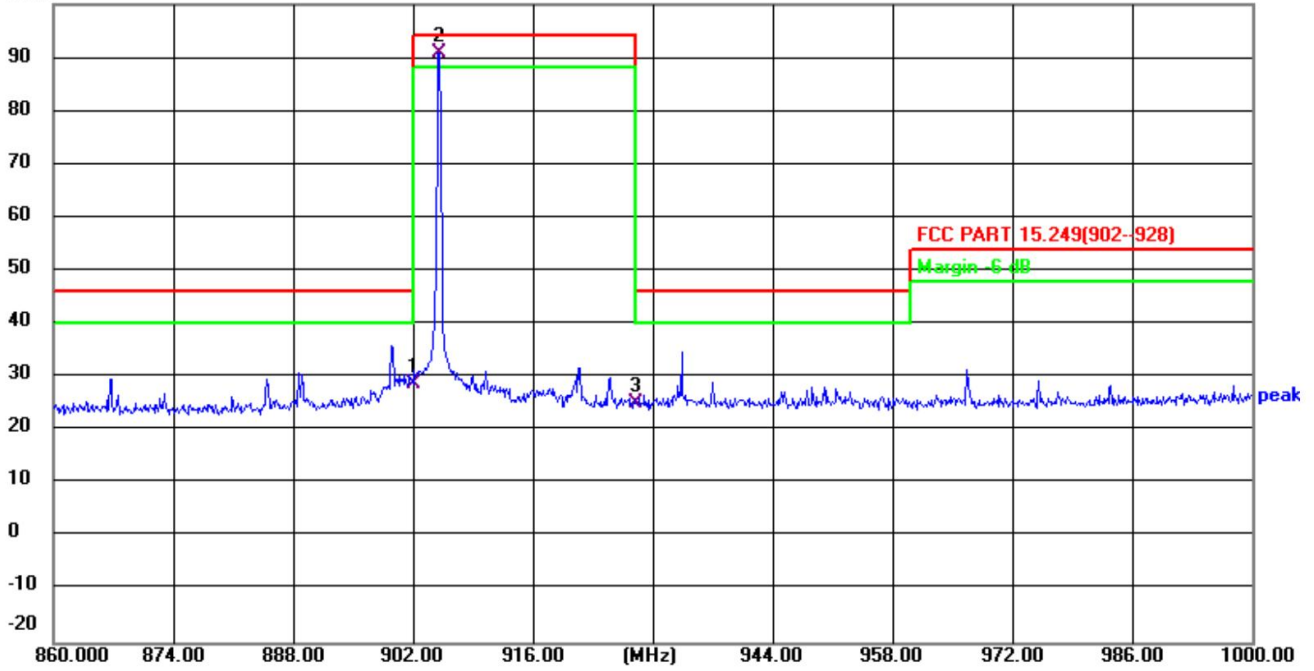


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	35.49	-8.27	27.22	46.00	-18.78
2	905.0800	98.36	-8.22	90.14	94.00	-3.86
3	928.0000	32.31	-7.96	24.35	46.00	-21.65





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	37.10	-8.27	28.83	46.00	-17.17
2	905.0800	98.96	-8.22	90.74	94.00	-3.26
3	928.0000	33.09	-7.92	25.17	46.00	-20.83

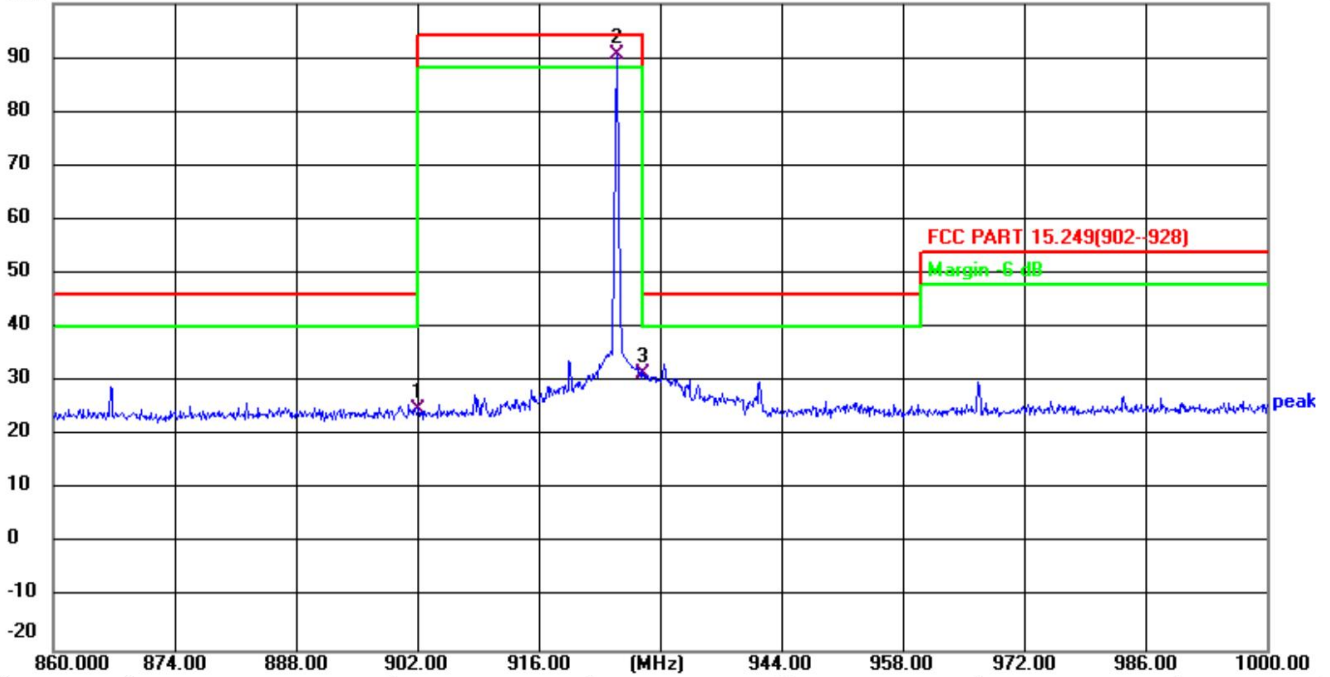




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m

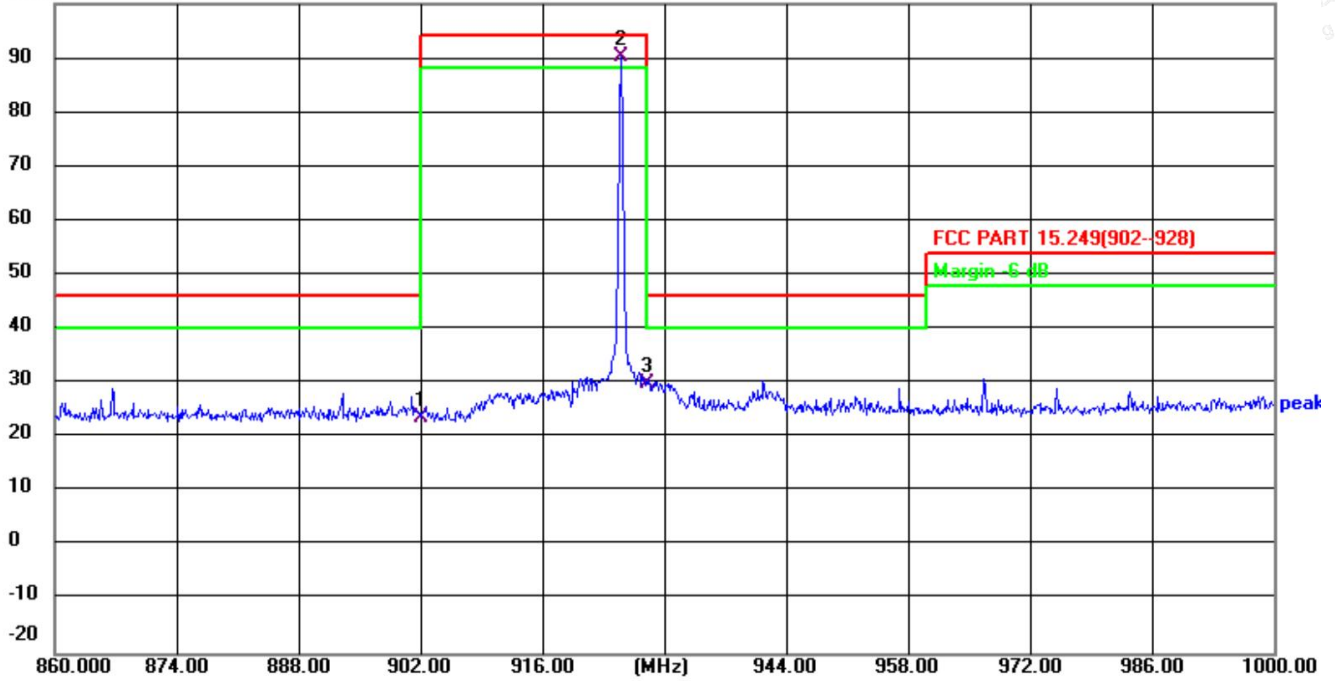


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	33.17	-8.27	24.90	46.00	-21.10
2	924.9600	98.41	-7.93	90.48	94.00	-3.52
3	928.0000	39.36	-7.96	31.40	46.00	-14.60





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.03	-8.27	23.76	46.00	-22.24
2	924.9600	98.11	-7.93	90.18	94.00	-3.82
3	928.0000	37.85	-7.92	29.93	46.00	-16.07



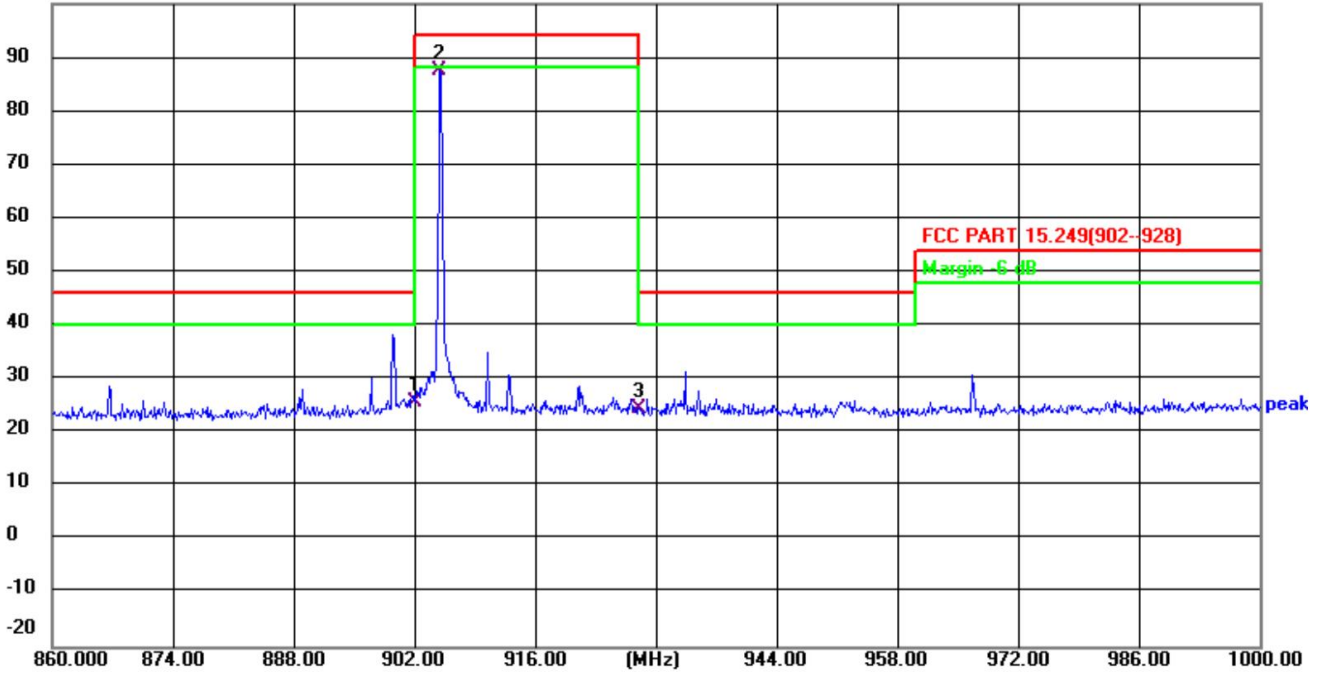


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	4-GFSK1

Channel 0 /905.0 MHz

Vertical

100.0 dBuV/m



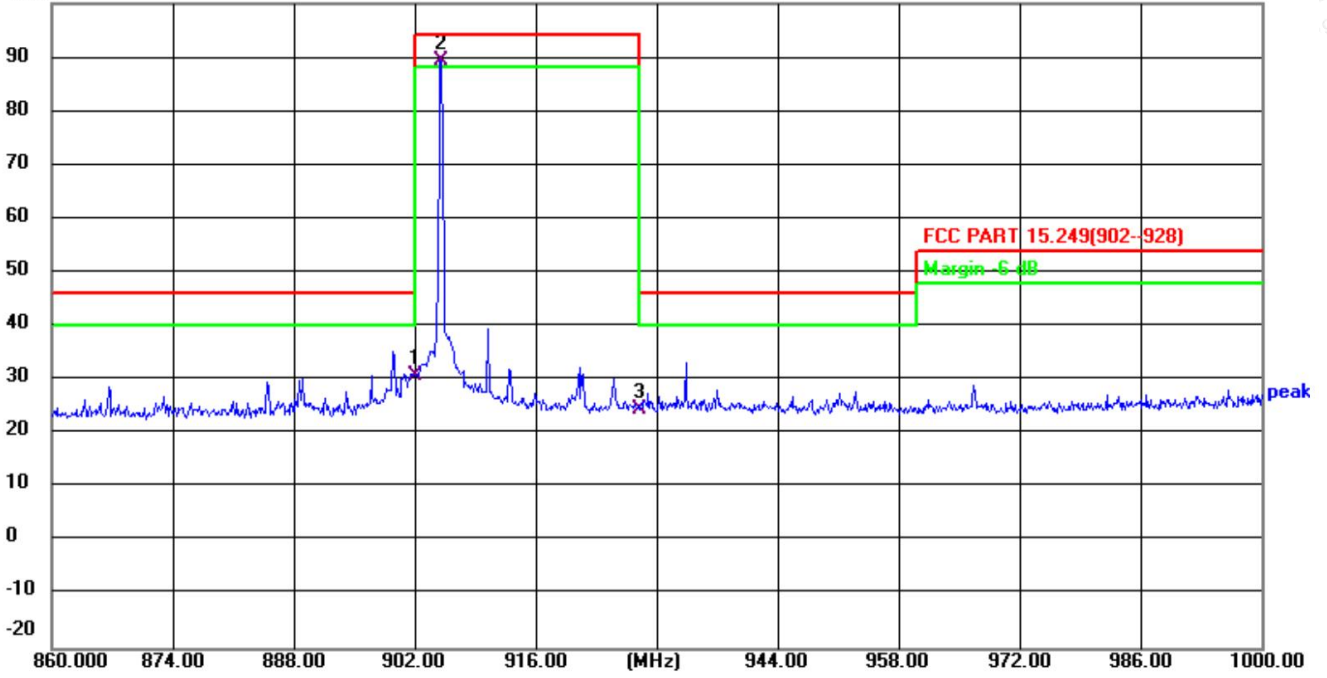
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	33.91	-8.27	25.64	46.00	-20.36
2	904.9400	95.88	-8.22	87.66	94.00	-6.34
3	928.0000	32.58	-7.96	24.62	46.00	-21.38





Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	39.11	-8.27	30.84	46.00	-15.16
2	905.0800	97.60	-8.22	89.38	94.00	-4.62
3	928.0000	32.47	-7.92	24.55	46.00	-21.45

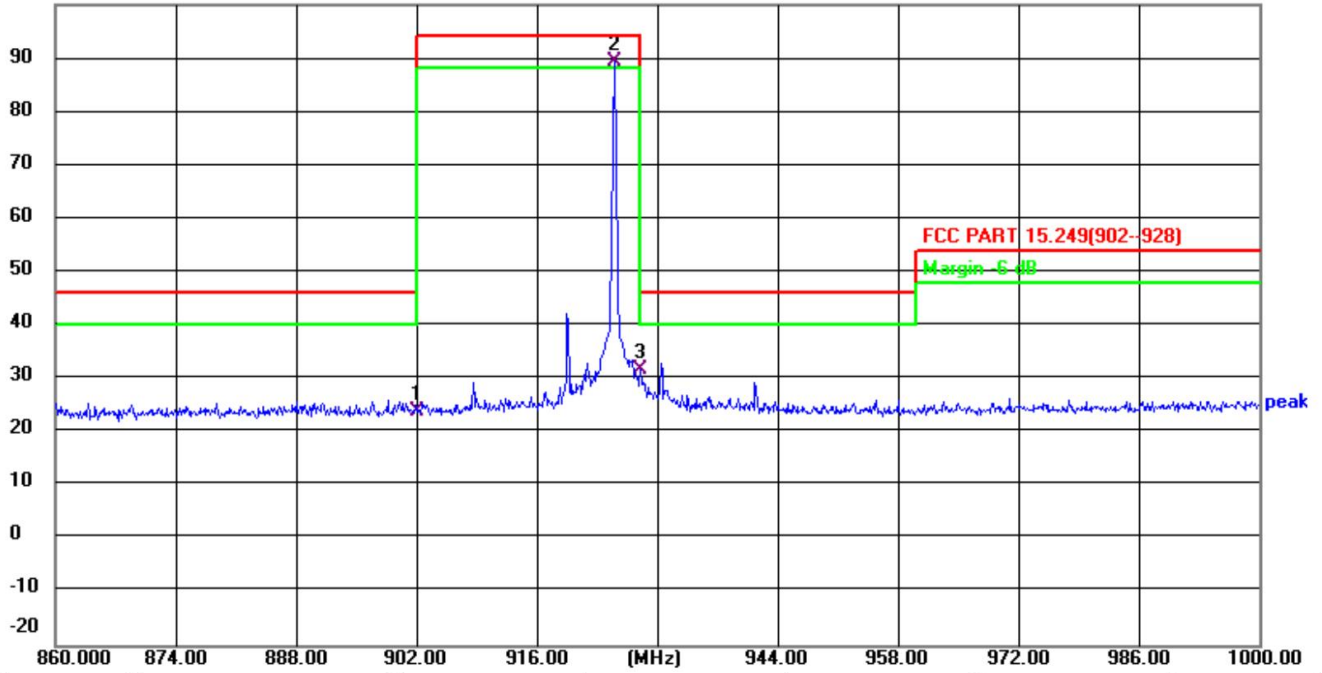




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m



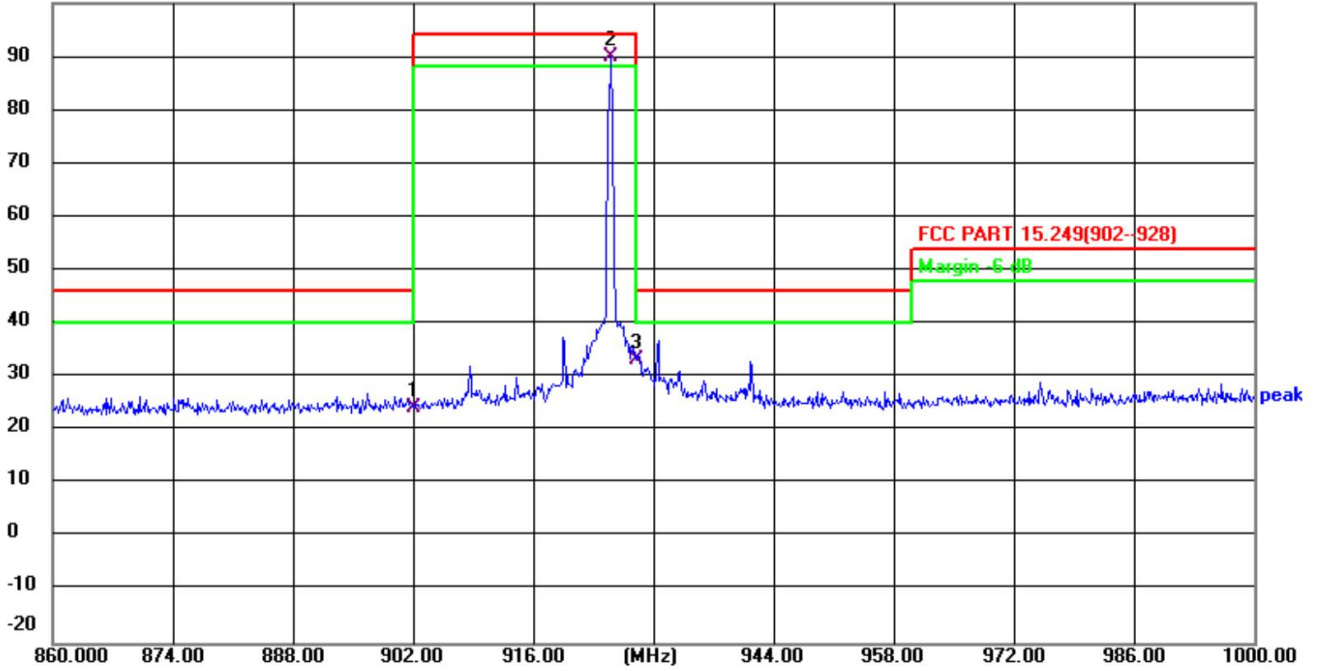
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.20	-8.27	23.93	46.00	-22.07
2	924.9600	97.15	-7.93	89.22	94.00	-4.78
3	928.0000	39.83	-7.96	31.87	46.00	-14.13





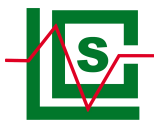
Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.55	-8.27	24.28	46.00	-21.72
2	924.9600	97.77	-7.93	89.84	94.00	-4.16
3	928.0000	41.18	-7.92	33.26	46.00	-12.74



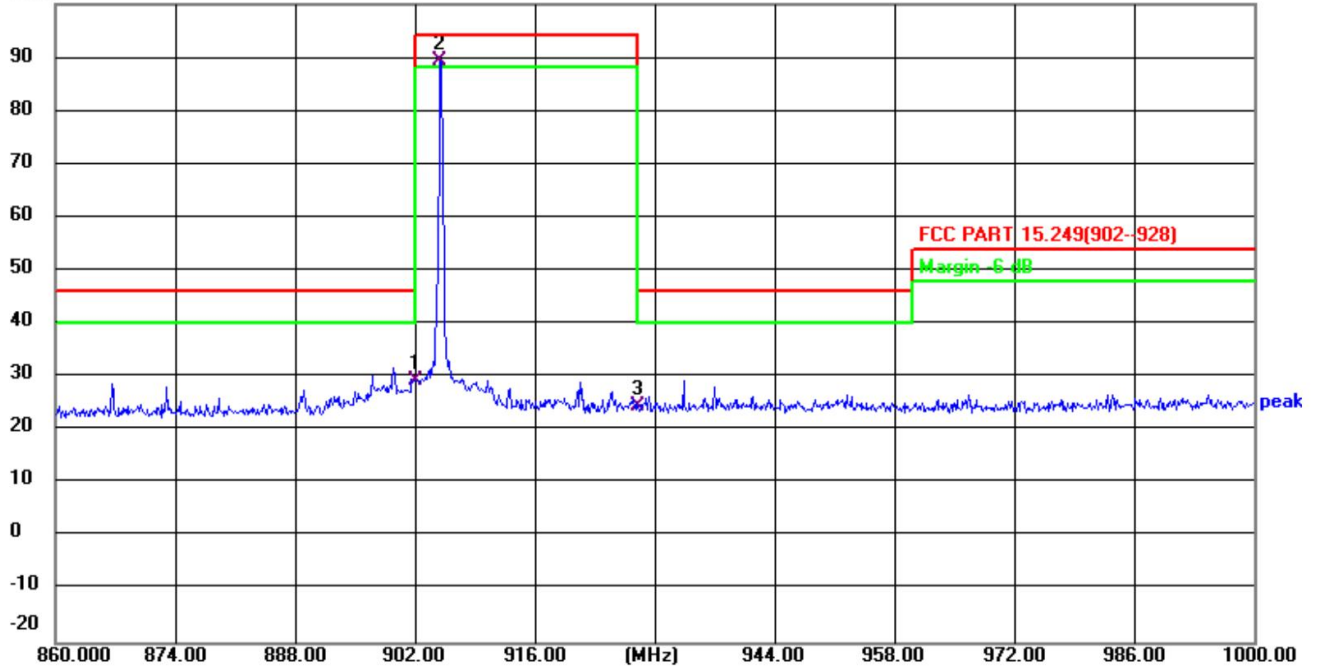


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	2-FSK

Channel 0 /905.0 MHz

Vertical

100.0 dBuV/m

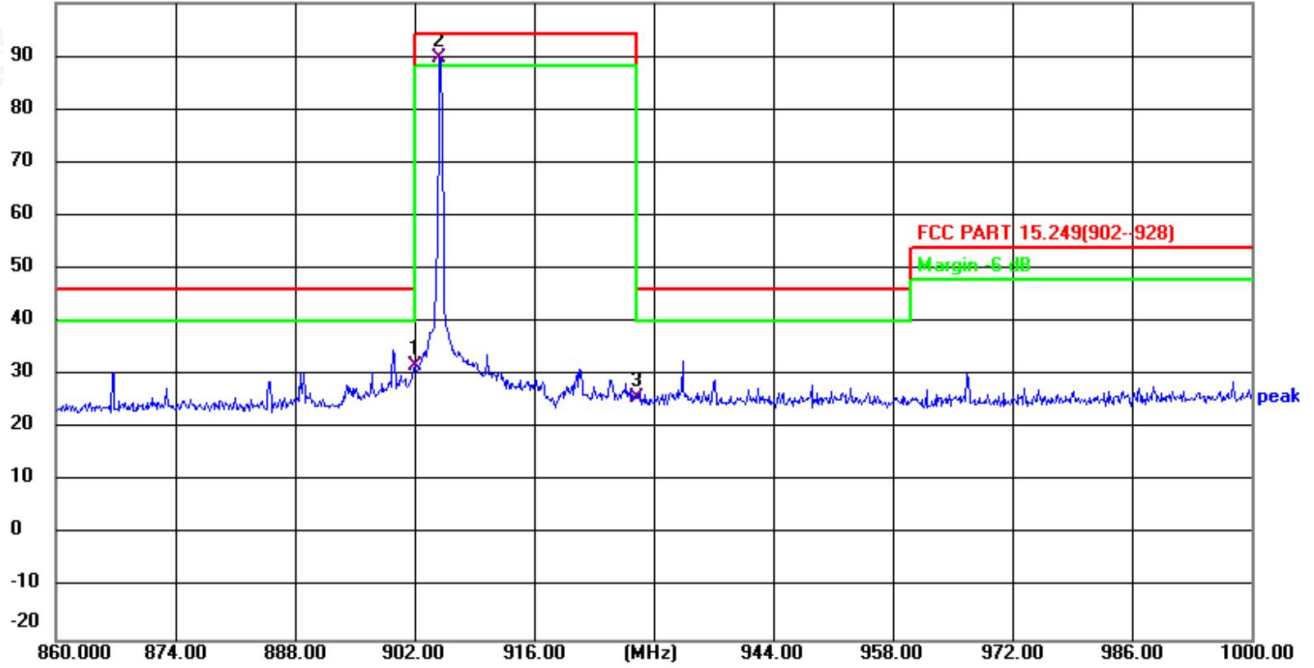


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	37.50	-8.27	29.23	46.00	-16.77
2	904.9400	97.61	-8.22	89.39	94.00	-4.61
3	928.0000	32.37	-7.96	24.41	46.00	-21.59





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	39.98	-8.27	31.71	46.00	-14.29
2	904.9400	97.90	-8.22	89.68	94.00	-4.32
3	928.0000	33.63	-7.92	25.71	46.00	-20.29

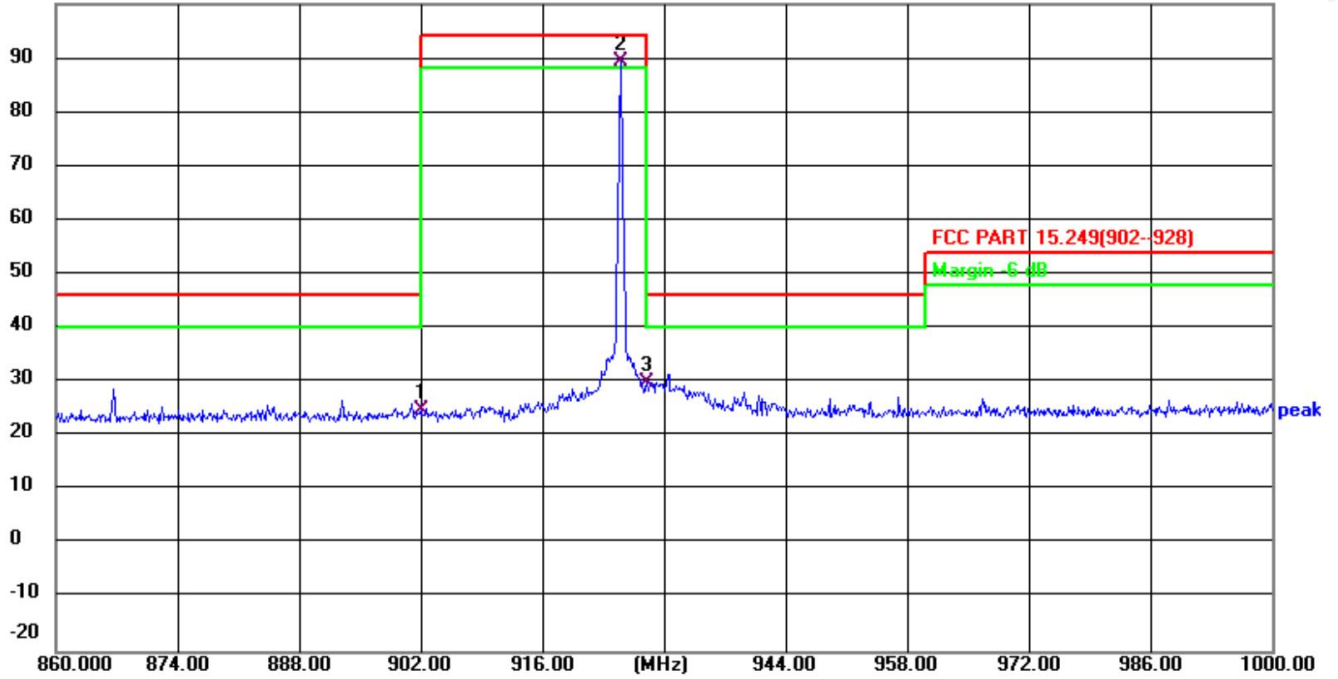




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m



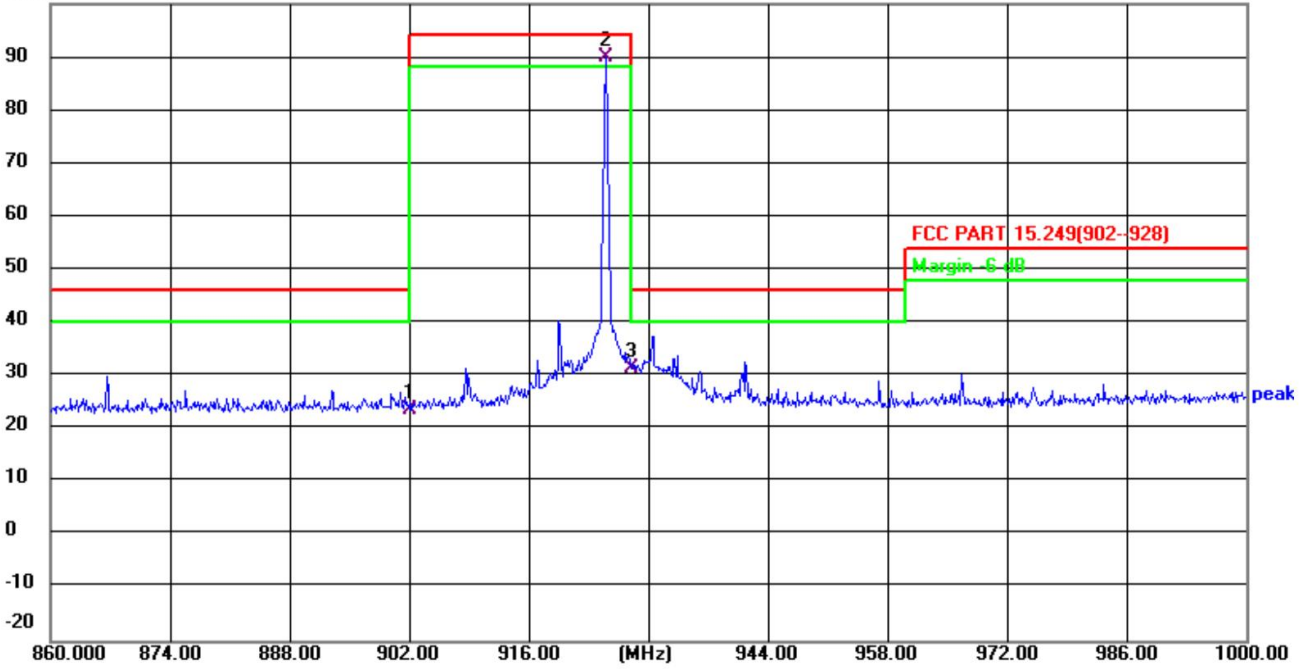
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	33.19	-8.27	24.92	46.00	-21.08
2	924.9600	97.40	-7.93	89.47	94.00	-4.53
3	928.0000	37.84	-7.96	29.88	46.00	-16.12





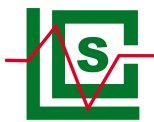
Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.01	-8.27	23.74	46.00	-22.26
2	924.9600	97.93	-7.93	90.00	94.00	-4.00
3	928.0000	39.40	-7.92	31.48	46.00	-14.52



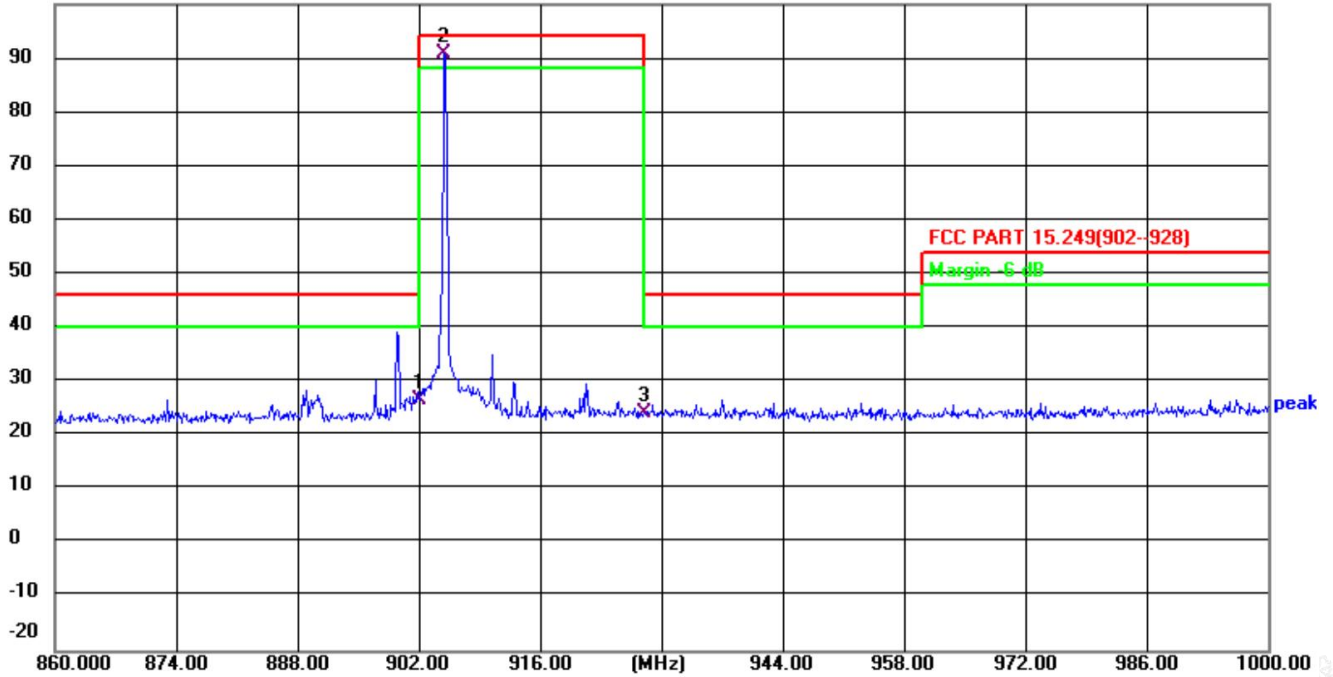


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	2-GFSK1

Channel 0 / 905.0 MHz

Vertical

100.0 dBuV/m

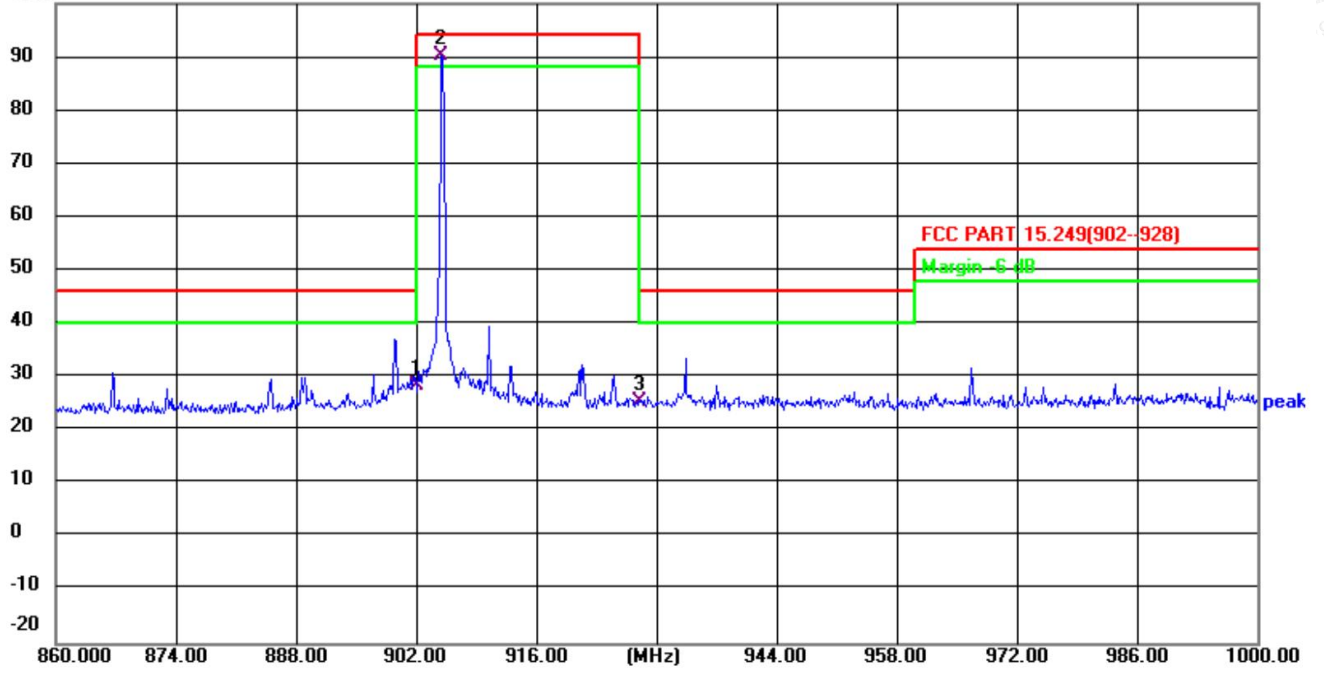


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	34.81	-8.27	26.54	46.00	-19.46
2	904.9400	99.12	-8.22	90.90	94.00	-3.10
3	928.0000	32.26	-7.96	24.30	46.00	-21.70





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	36.79	-8.27	28.52	46.00	-17.48
2	904.9400	98.41	-8.22	90.19	94.00	-3.81
3	928.0000	33.25	-7.92	25.33	46.00	-20.67

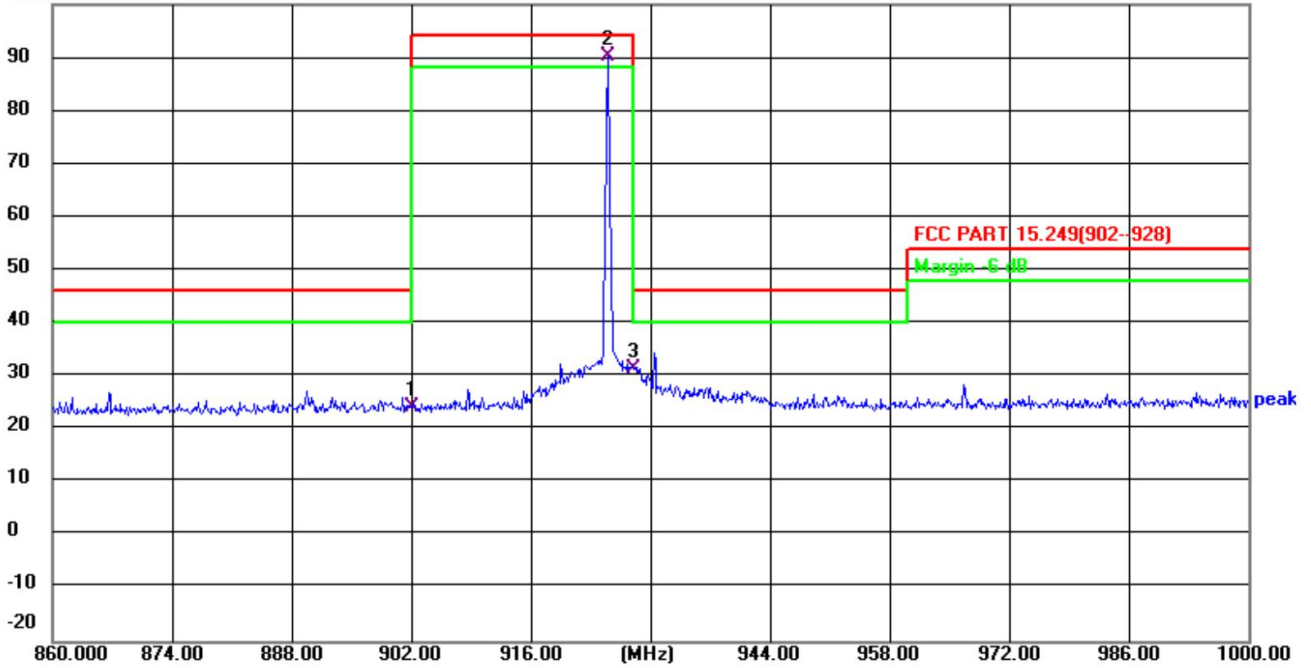




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m

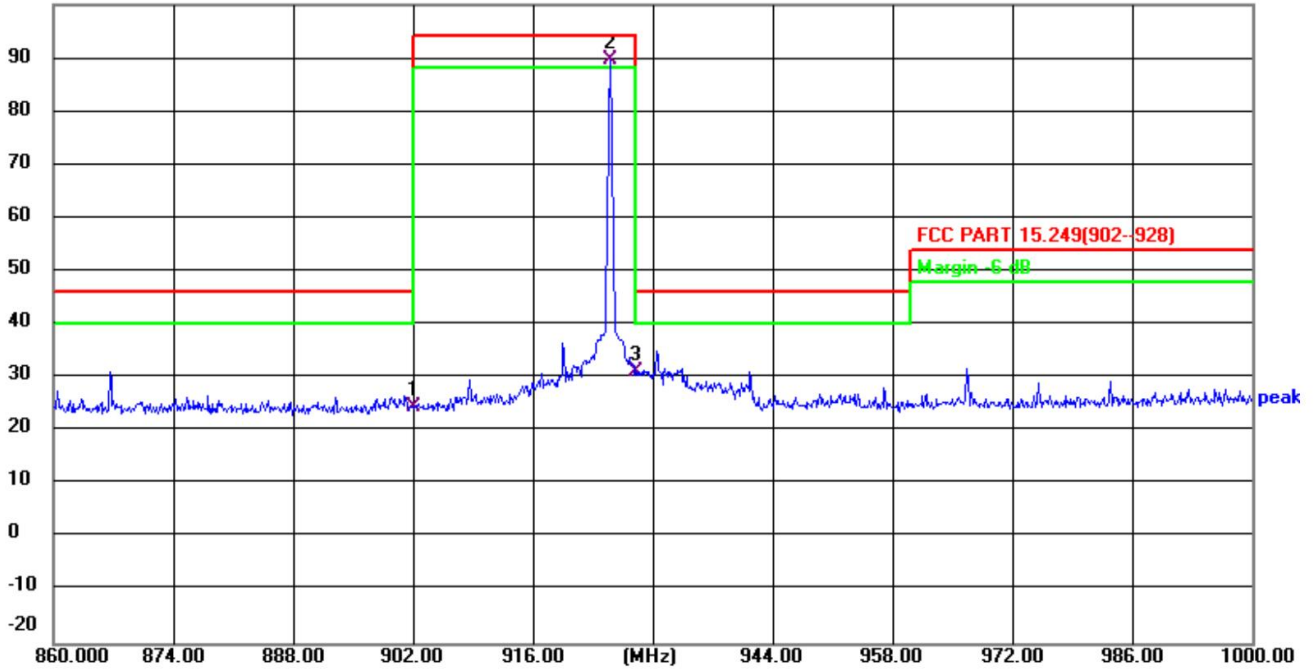


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.59	-8.27	24.32	46.00	-21.68
2	924.9600	98.09	-7.93	90.16	94.00	-3.84
3	928.0000	39.41	-7.96	31.45	46.00	-14.55





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.79	-8.27	24.52	46.00	-21.48
2	924.9600	97.63	-7.93	89.70	94.00	-4.30
3	928.0000	39.07	-7.92	31.15	46.00	-14.85



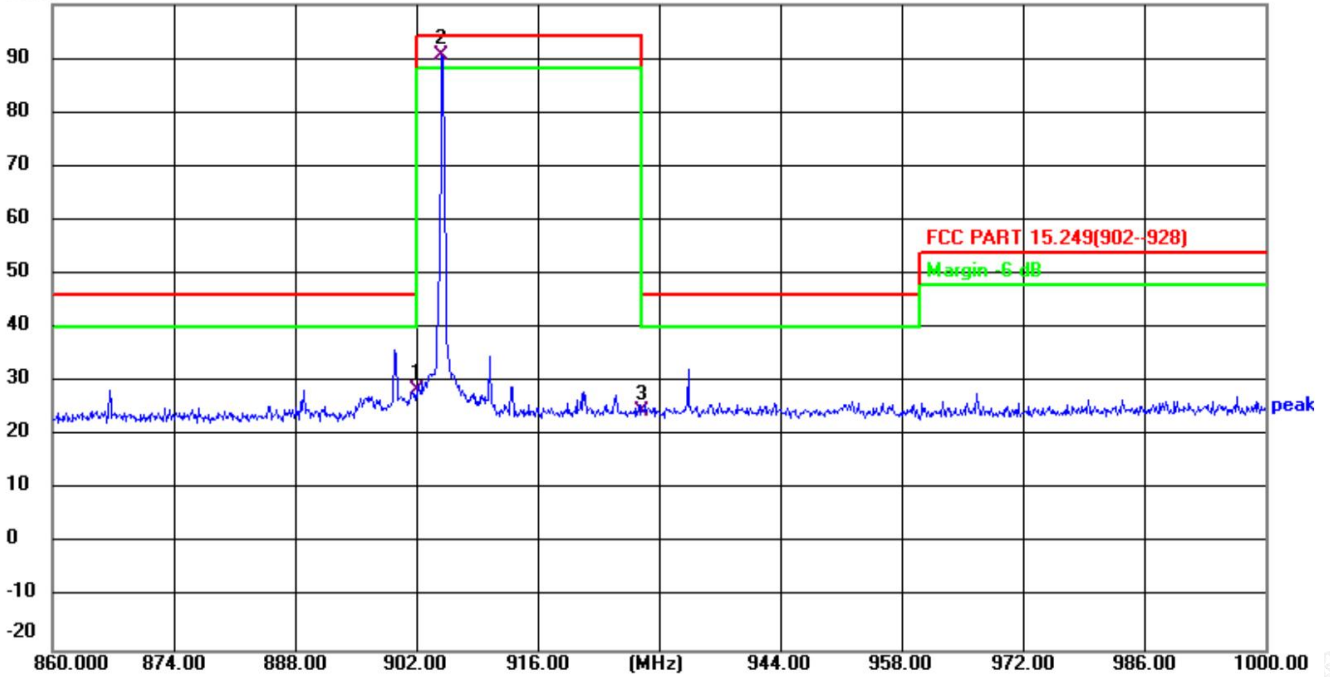


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	4-FSK

Channel 0 /905.0 MHz

Vertical

100.0 dBuV/m

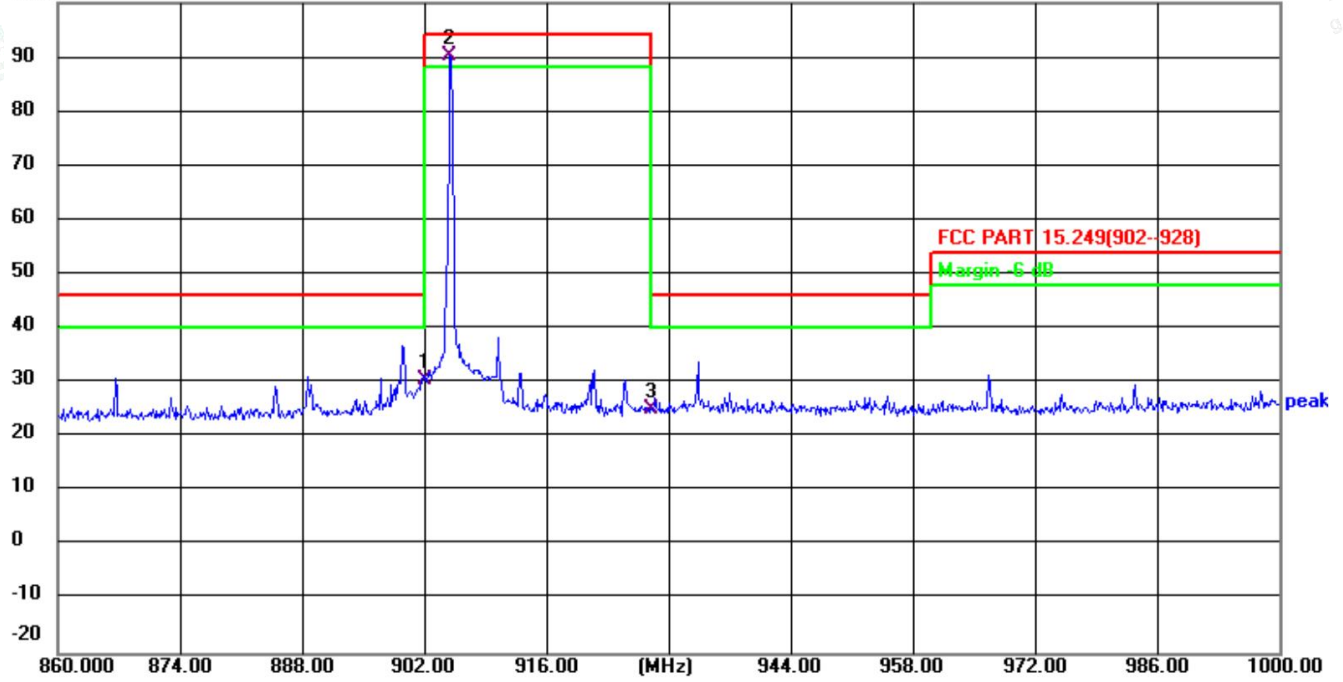


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	36.62	-8.27	28.35	46.00	-17.65
2	904.9400	98.79	-8.22	90.57	94.00	-3.43
3	928.0000	32.64	-7.96	24.68	46.00	-21.32





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	38.85	-8.27	30.58	46.00	-15.42
2	904.9400	98.39	-8.22	90.17	94.00	-3.83
3	928.0000	33.06	-7.92	25.14	46.00	-20.86

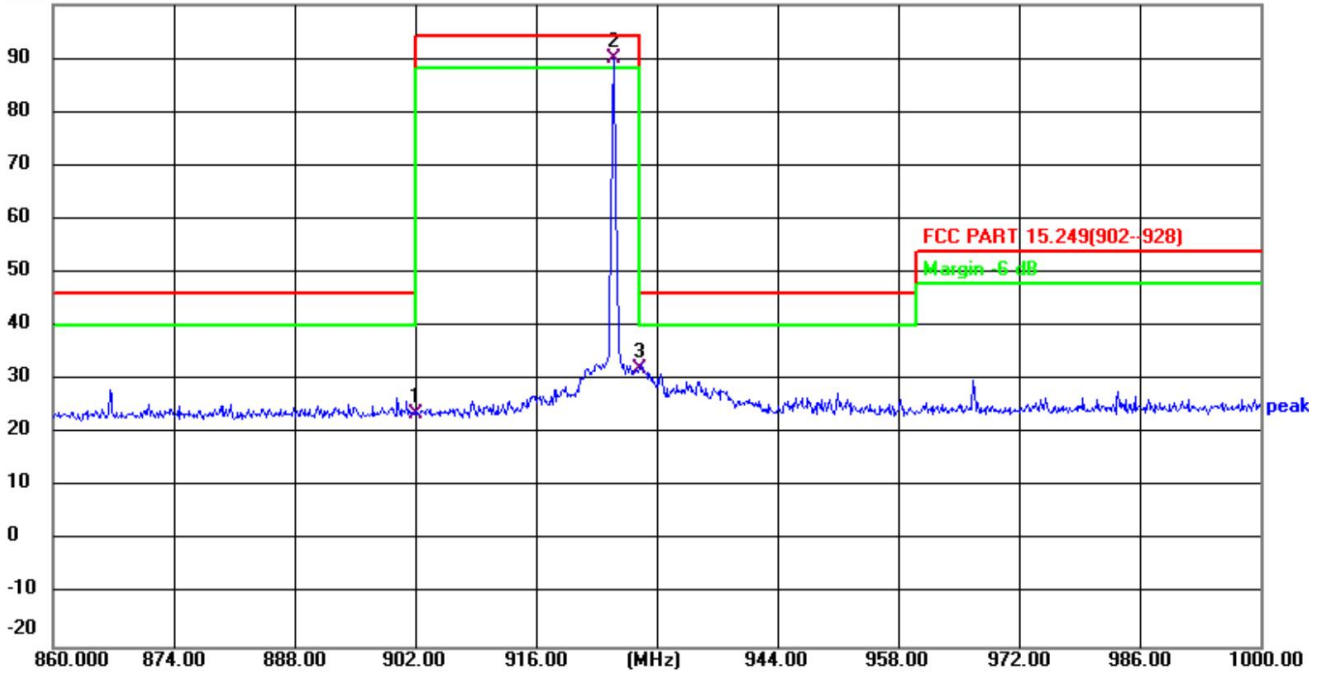




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	31.93	-8.27	23.66	46.00	-22.34
2	924.9600	97.91	-7.93	89.98	94.00	-4.02
3	928.0000	39.99	-7.96	32.03	46.00	-13.97



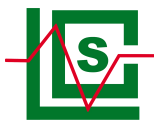


Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	33.70	-8.27	25.43	46.00	-20.57
2	924.9600	98.17	-7.93	90.24	94.00	-3.76
3	928.0000	39.12	-7.92	31.20	46.00	-14.80



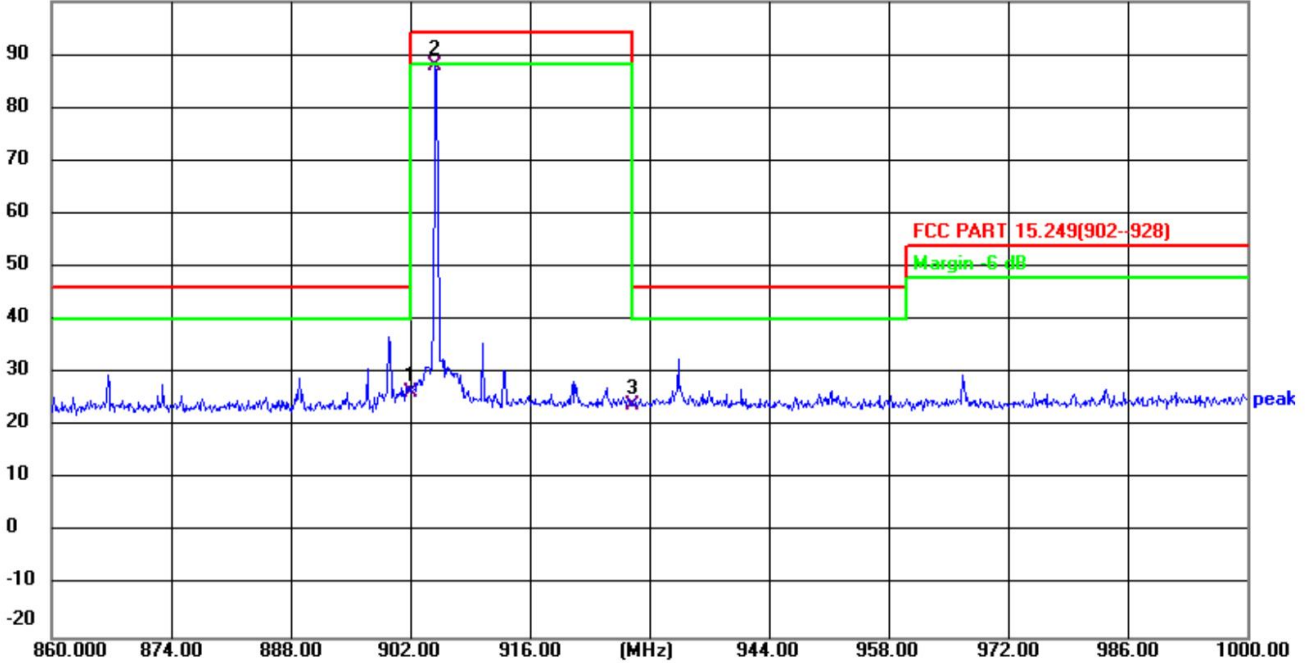


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	4-GFSK05

Channel 0 / 905.0 MHz

Vertical

100.0 dBuV/m

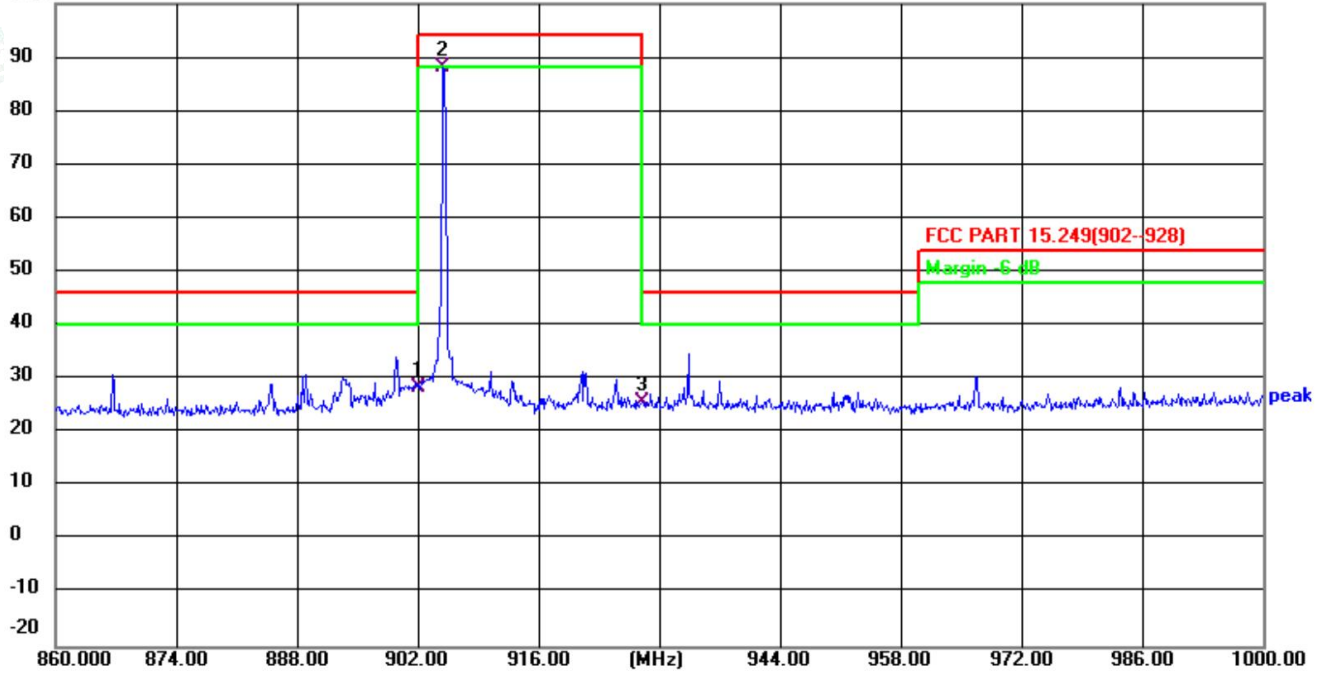


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	34.57	-8.27	26.30	46.00	-19.70
2	904.9400	96.04	-8.22	87.82	94.00	-6.18
3	928.0000	31.91	-7.96	23.95	46.00	-22.05





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	36.74	-8.27	28.47	46.00	-17.53
2	904.9400	96.36	-8.22	88.14	94.00	-5.86
3	928.0000	33.65	-7.92	25.73	46.00	-20.27





Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m

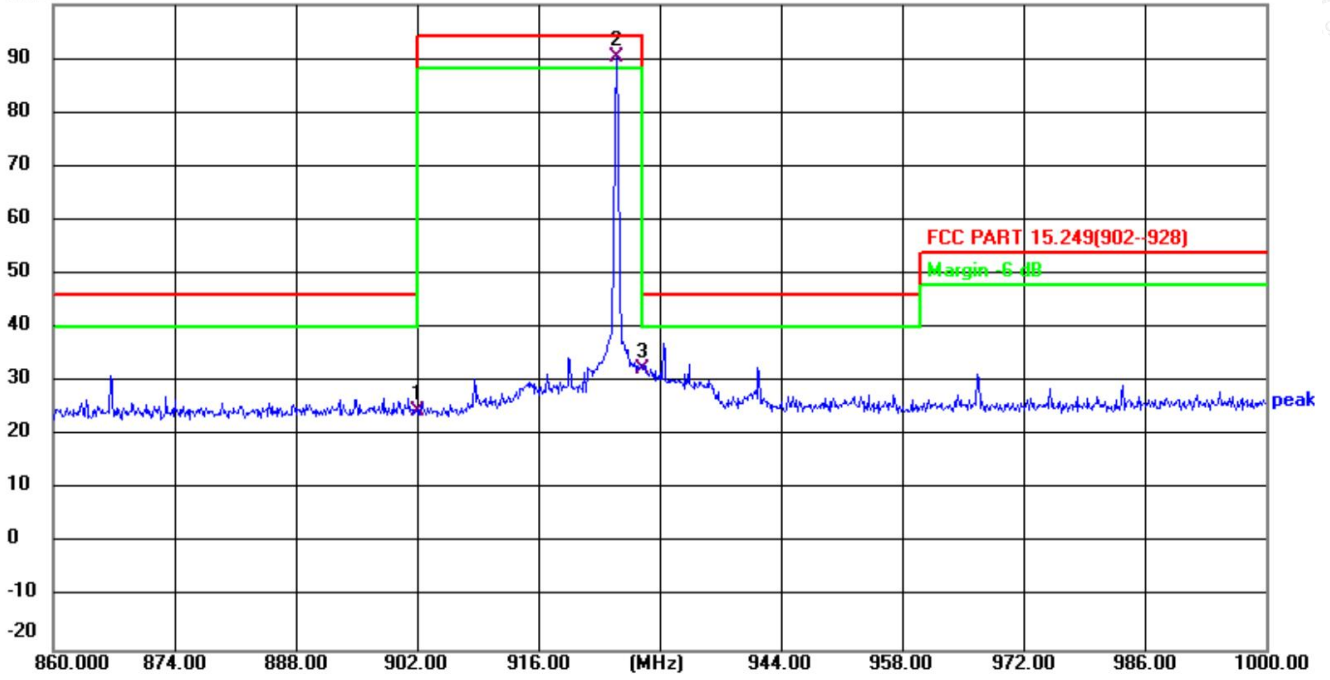


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.77	-8.27	24.50	46.00	-21.50
2	924.9600	98.35	-7.93	90.42	94.00	-3.58
3	928.0000	37.63	-7.96	29.67	46.00	-16.33





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	32.97	-8.27	24.70	46.00	-21.30
2	924.9600	98.05	-7.93	90.12	94.00	-3.88
3	928.0000	40.19	-7.92	32.27	46.00	-13.73



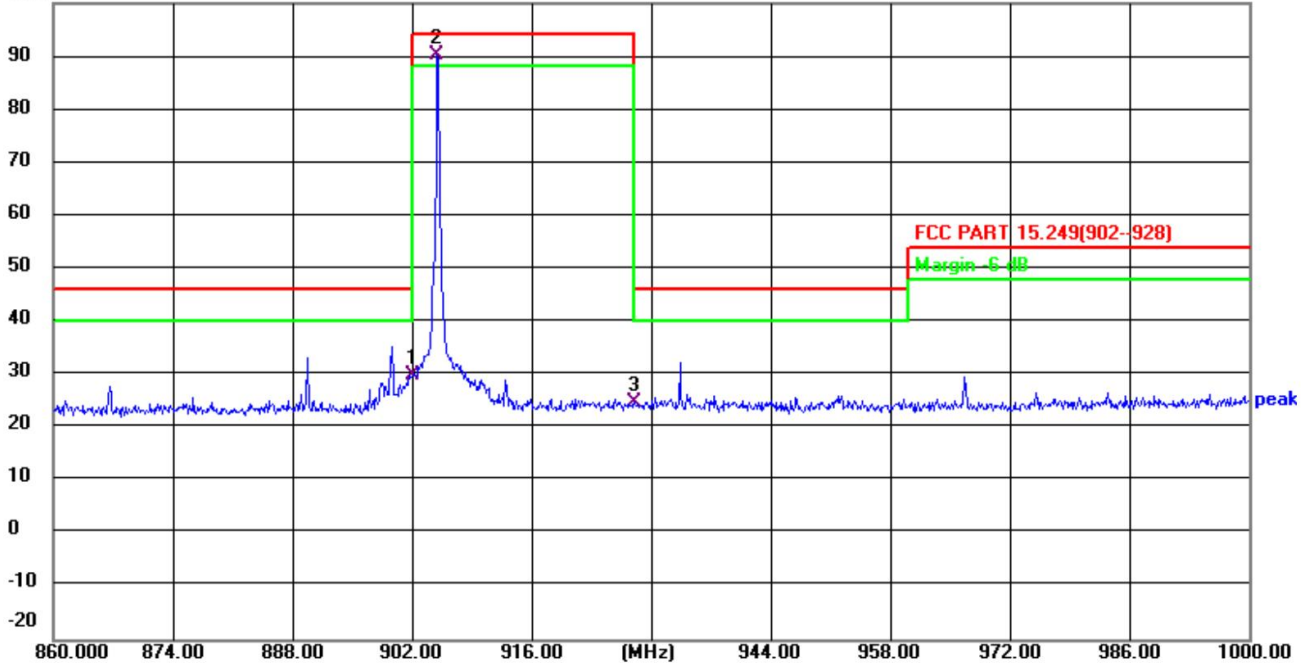


Temperature	23.8°C	Humidity	52.1%
Test Engineer	Mening Su	Modulation	ASK

Channel 0 / 905.0 MHz

Vertical

100.0 dBuV/m

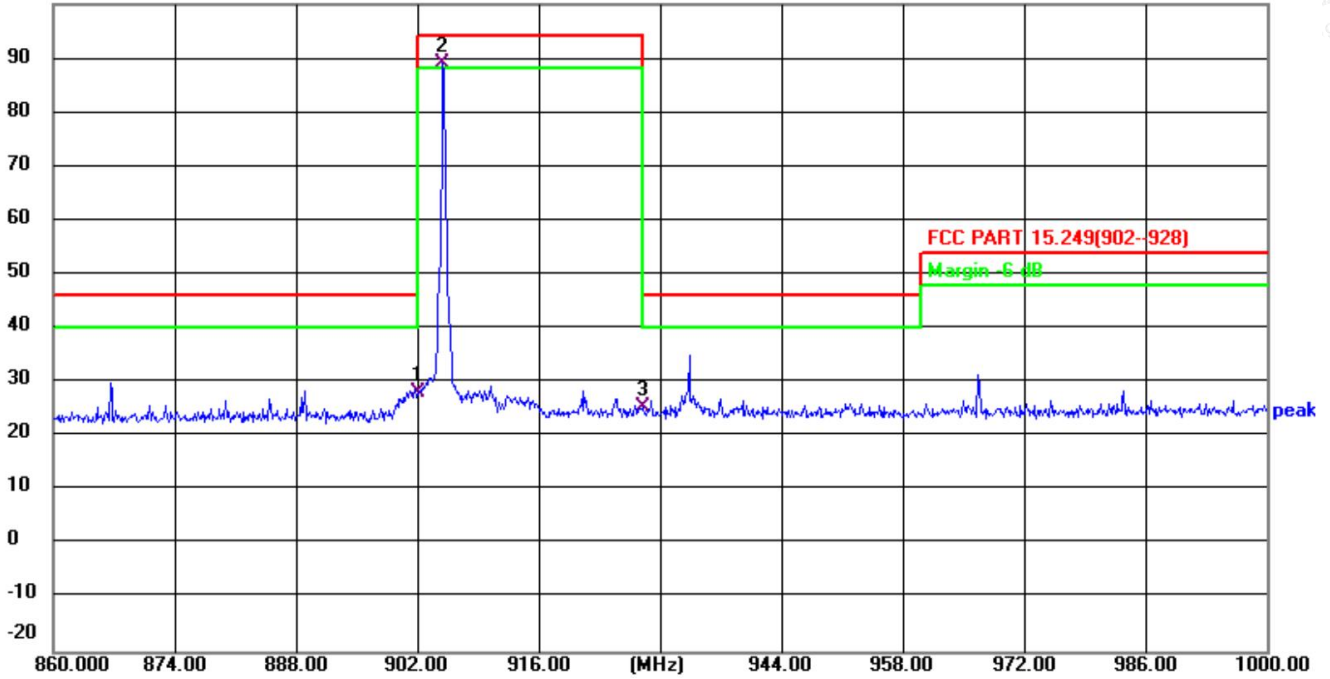


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	38.34	-8.27	30.07	46.00	-15.93
2	904.9400	98.44	-8.22	90.22	94.00	-3.78
3	928.0000	32.75	-7.96	24.79	46.00	-21.21





Horizontal
100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	36.39	-8.27	28.12	46.00	-17.88
2	904.9400	97.26	-8.22	89.04	94.00	-4.96
3	928.0000	33.38	-7.92	25.46	46.00	-20.54

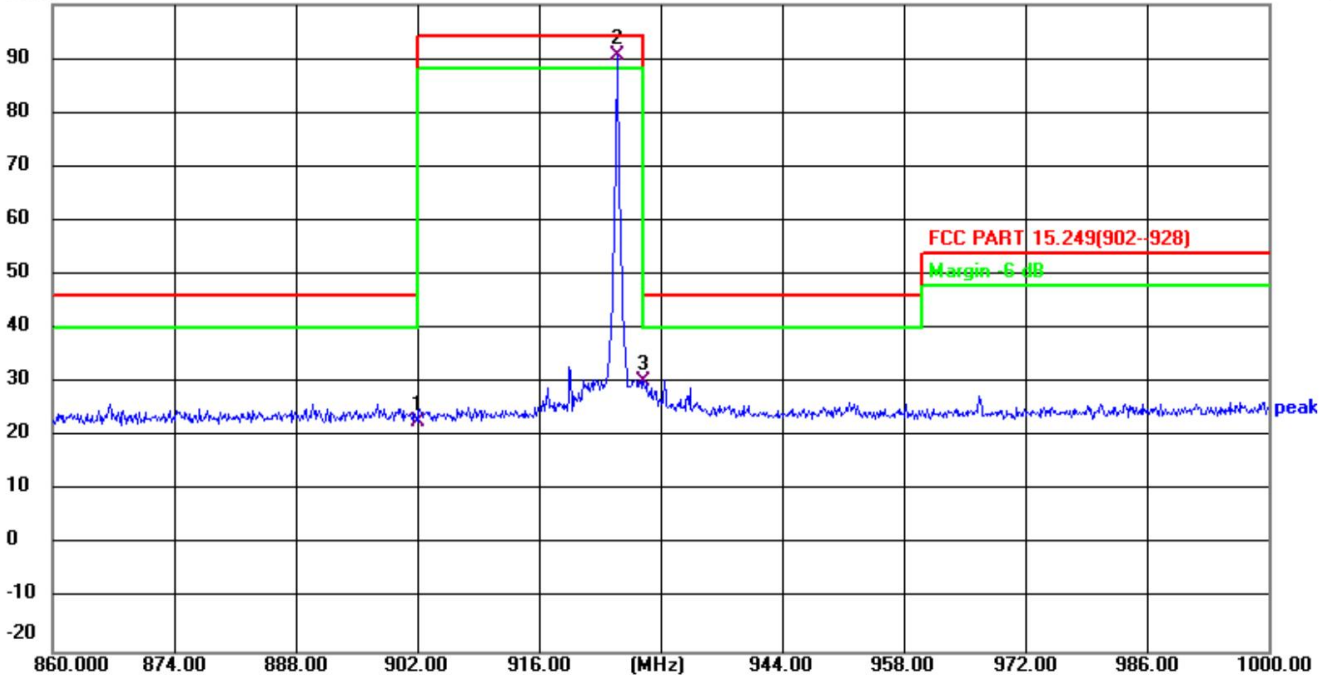




Channel 40 / 925.0 MHz

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1	902.0000	31.13	-8.27	22.86	46.00	-23.14
2	924.9600	98.51	-7.93	90.58	94.00	-3.42
3	928.0000	38.13	-7.96	30.17	46.00	-15.83

