

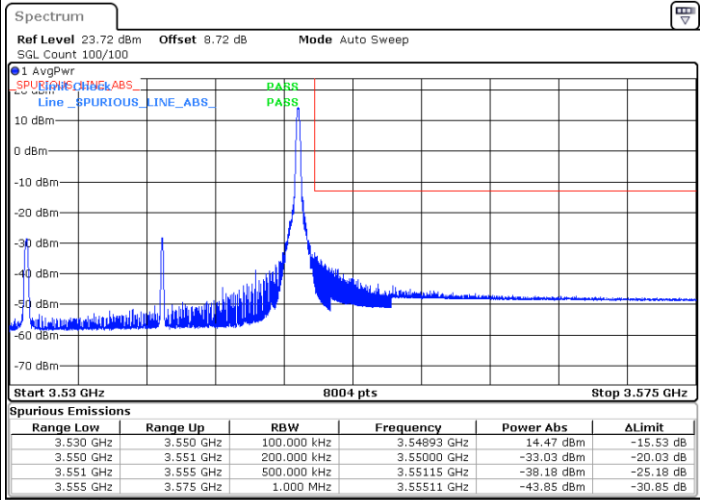
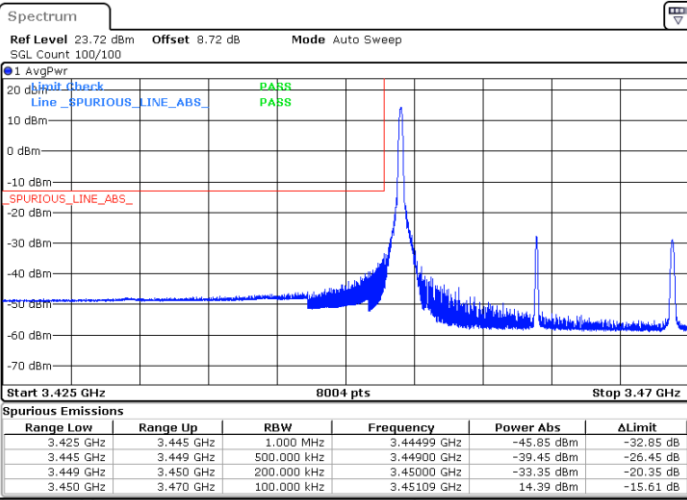


LTE Band 42 / 20MHz

256QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

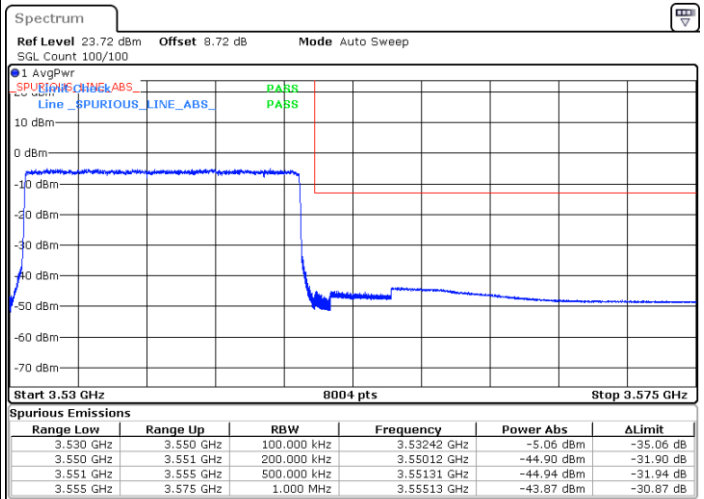
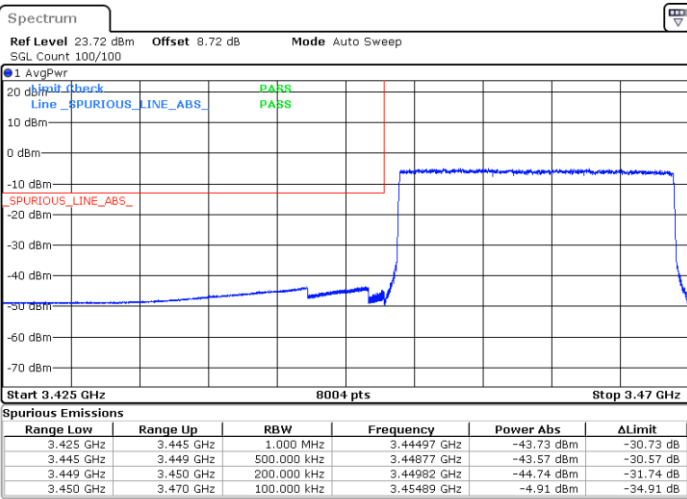


Date: 8.APR.2024 11:50:53

Date: 8.APR.2024 12:03:08

Lowest Channel / FullRB

Highest Channel / FullRB

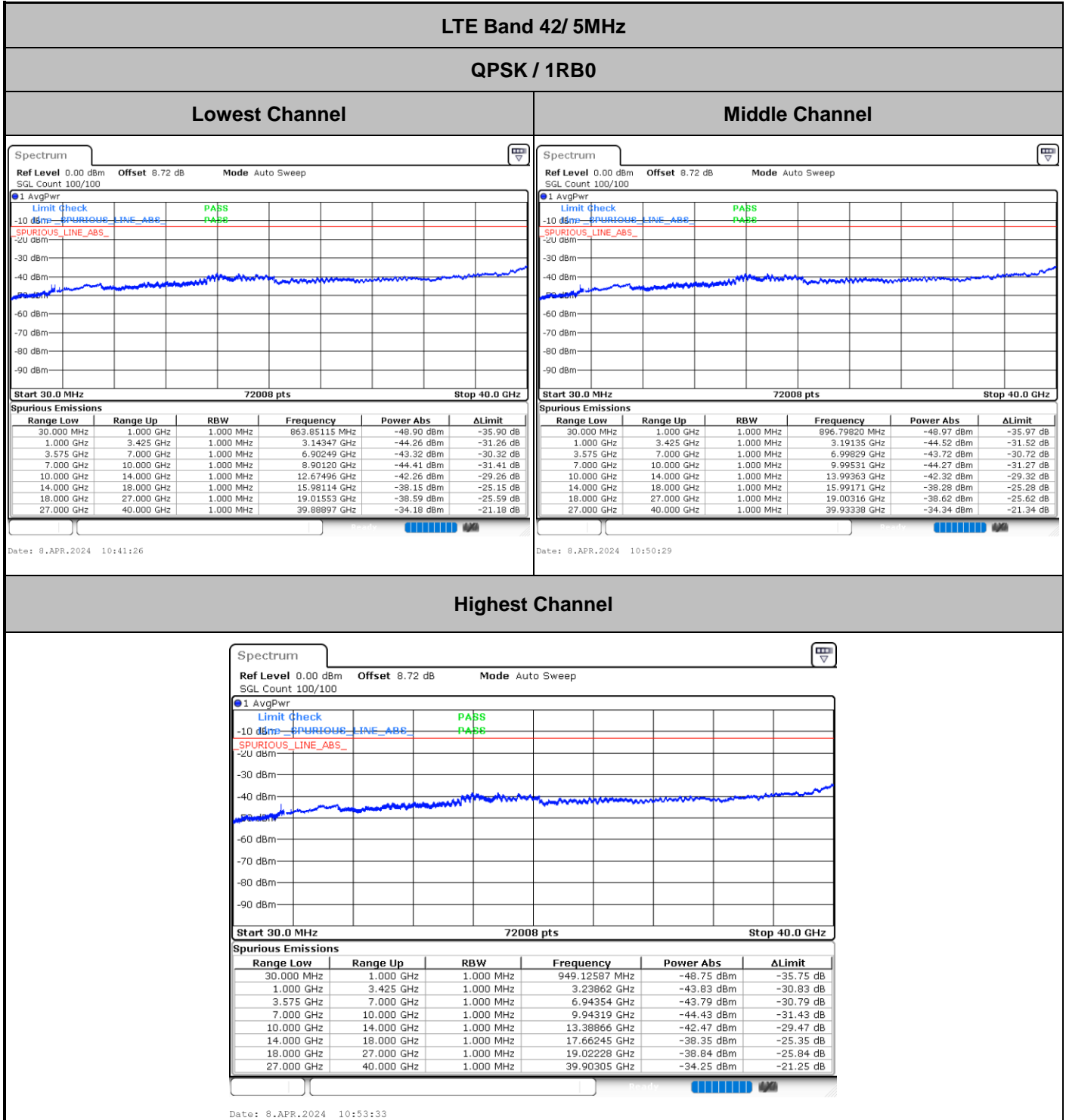


Date: 8.APR.2024 11:54:38

Date: 8.APR.2024 12:06:54



# Conducted Spurious Emission



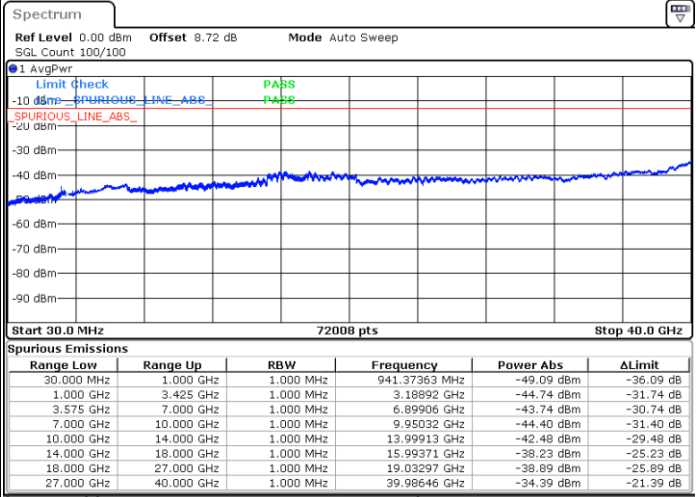
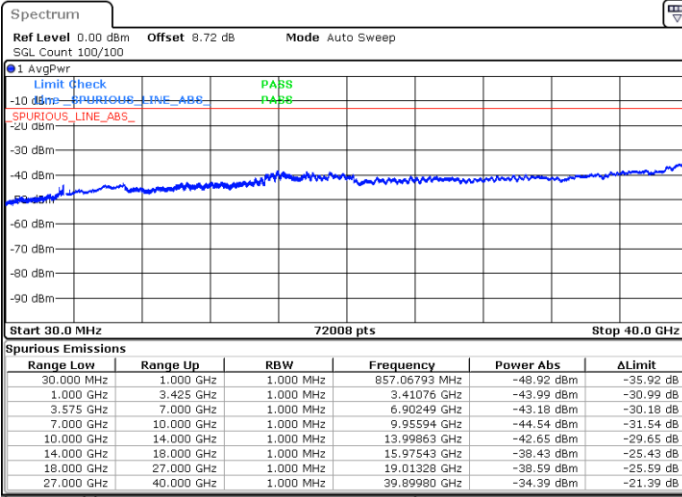


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

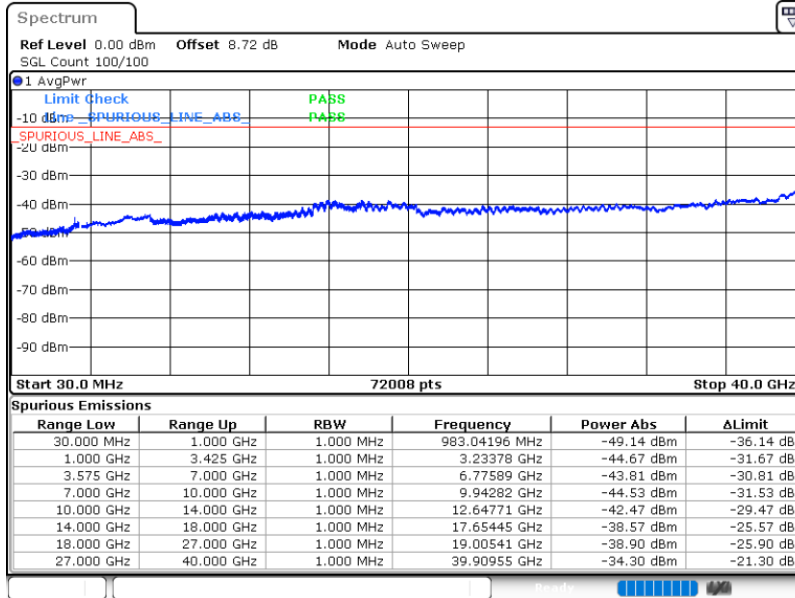
Middle Channel



Date: 8.APR.2024 11:03:29

Date: 8.APR.2024 11:12:28

Highest Channel



Date: 8.APR.2024 11:15:31

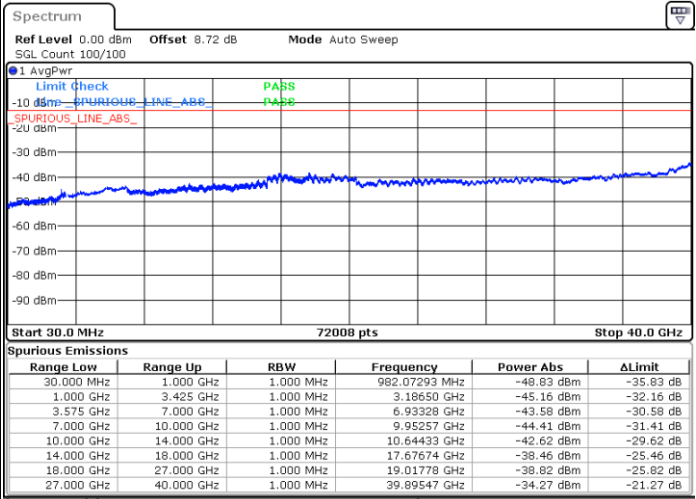
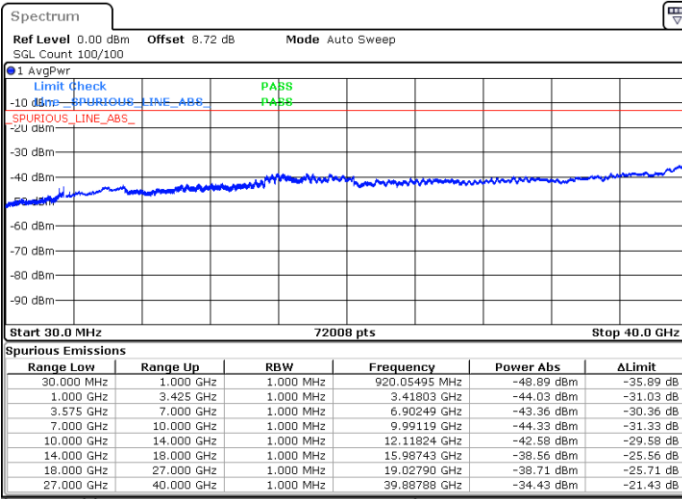


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

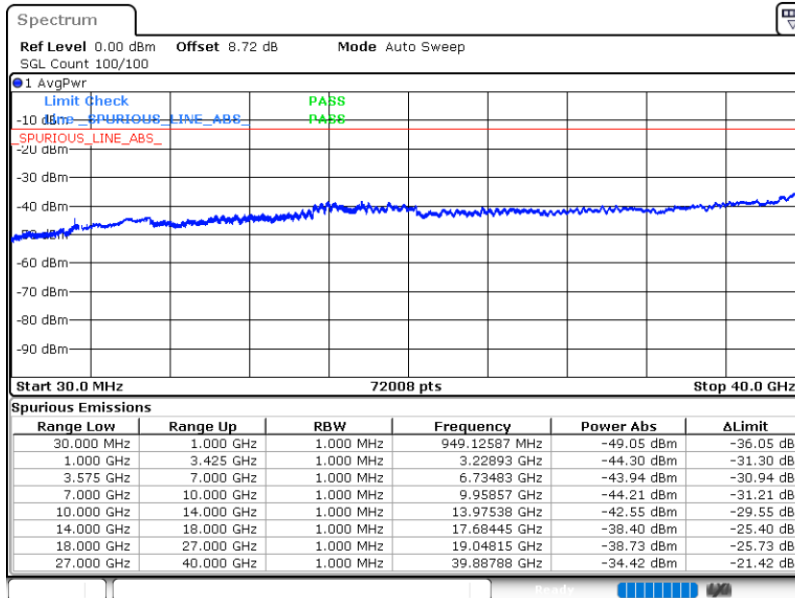
Middle Channel



Date: 8.APR.2024 11:25:24

Date: 8.APR.2024 11:34:22

Highest Channel



Date: 8.APR.2024 11:37:26

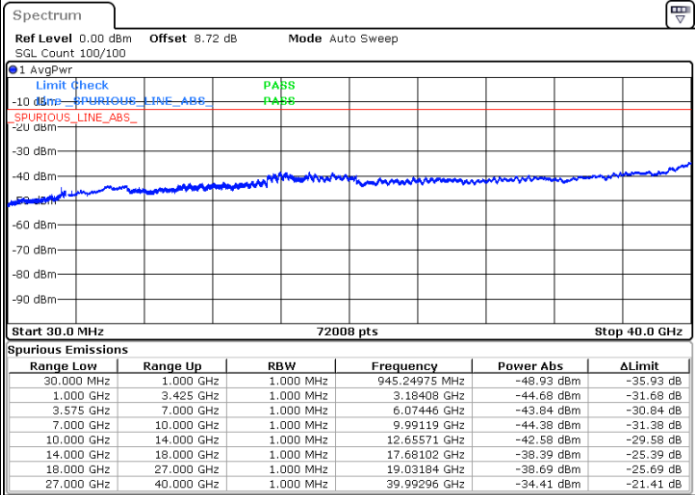
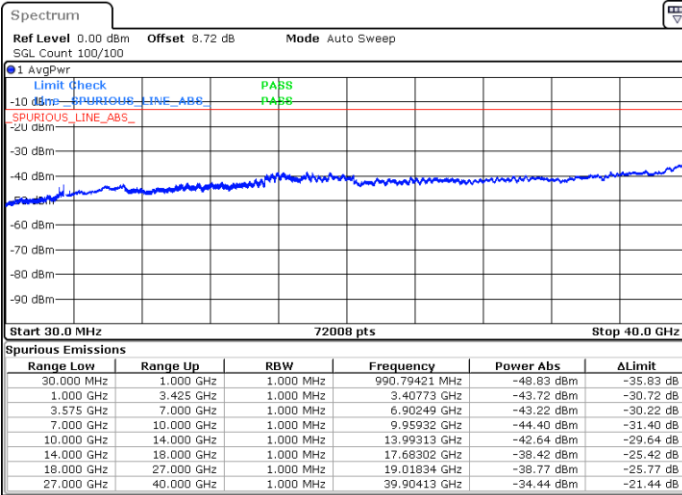


LTE Band 42/ 20MHz

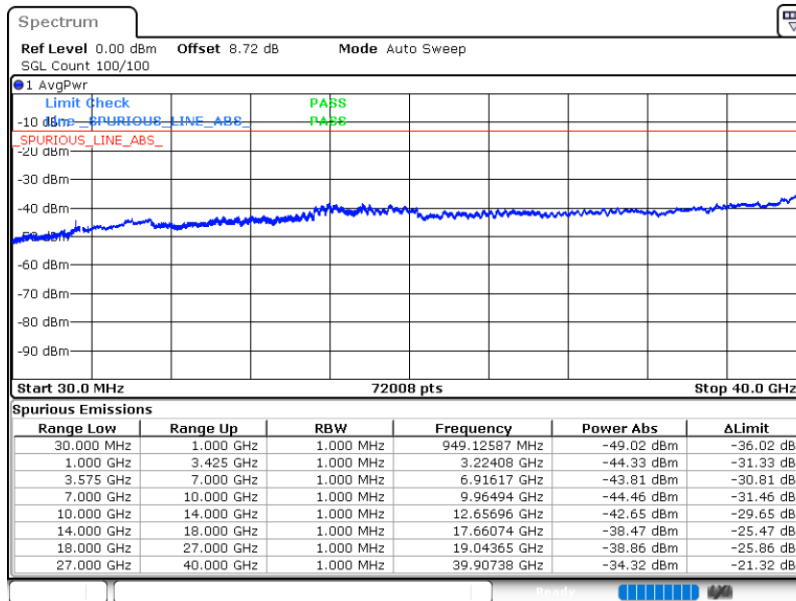
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



## Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

**Note:**

1. Normal Voltage =3.91 ; Battery End Point (BEP) =3.6 ; Maximum Voltage =4.5
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	ShunpingYou	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 42 / 20MHz / QPSK / Ant. 3									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6982.00	-55.80	-13	-42.80	-51.41	-59.10	8.30	11.60	H
	10473.00	-48.98	-13	-35.98	-50.17	-50.50	10.48	12.00	H
	13964.00	-51.72	-13	-38.72	-57.91	-53.42	11.80	13.50	H
	6982.00	-57.58	-13	-44.58	-53.35	-60.88	8.30	11.60	V
	10473.00	-53.12	-13	-40.12	-54.23	-54.64	10.48	12.00	V
	13964.00	-52.22	-13	-39.22	-58.04	-53.92	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.