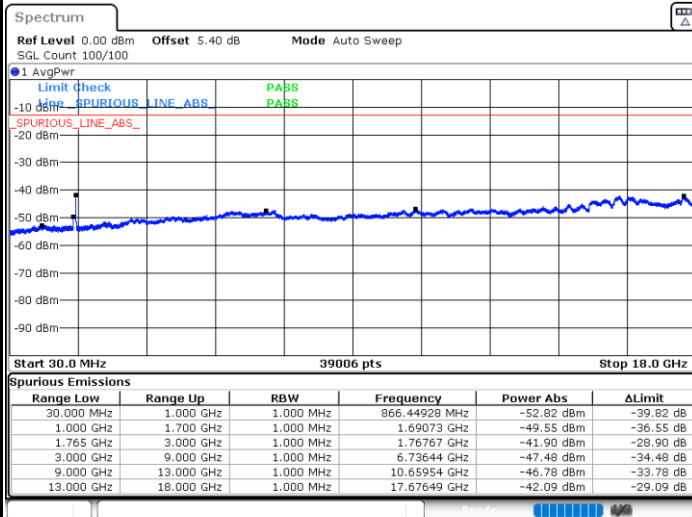
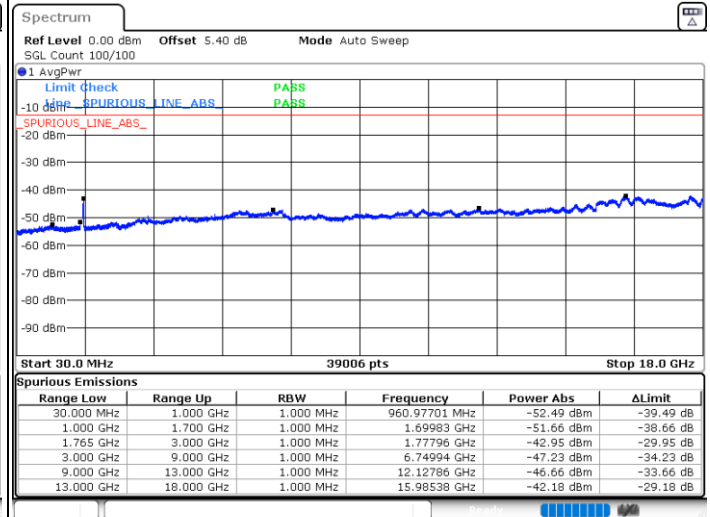
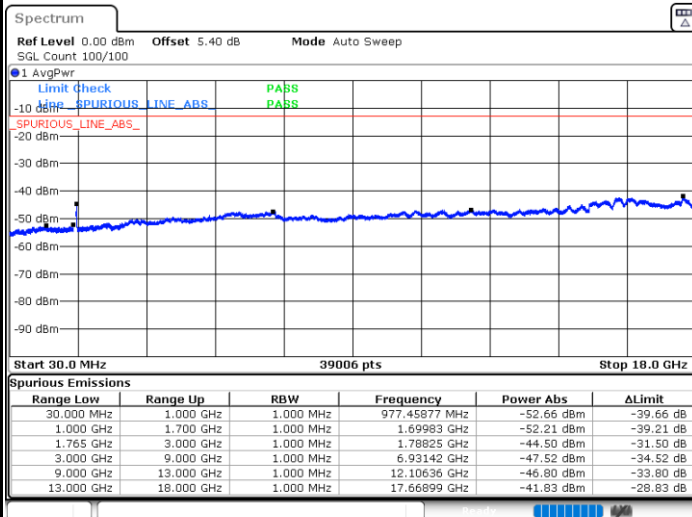


LTE Band 66C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0

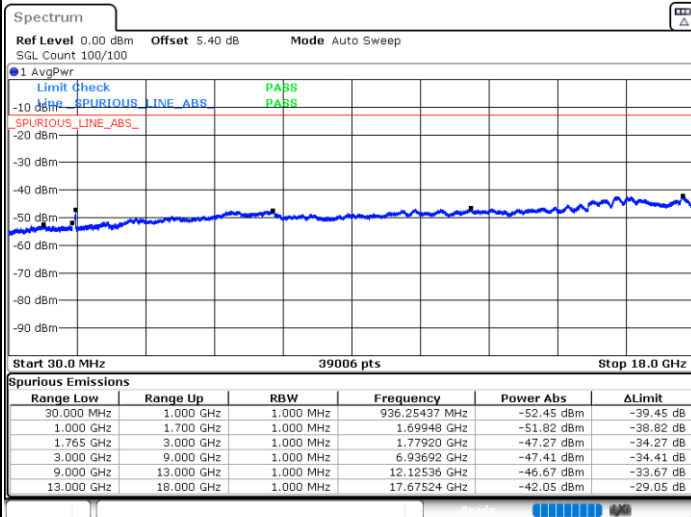
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LTE Band 66C / 20MHz+5MHz QPSK Middle Channel
/ 1RB99 and 1RB0

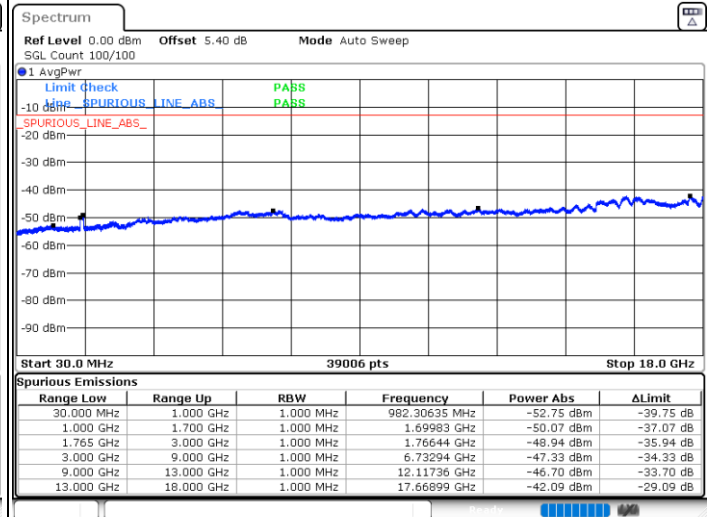
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LTE Band 66C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0

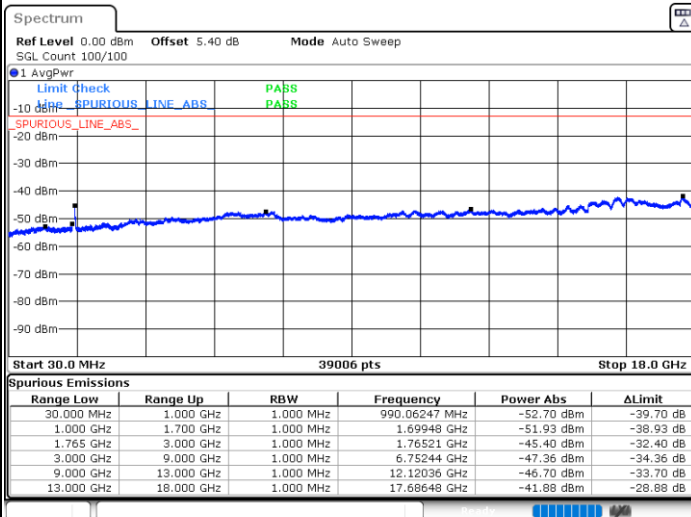
Date: 4.JAN.2023 16:25:28

LTE Band 66C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0

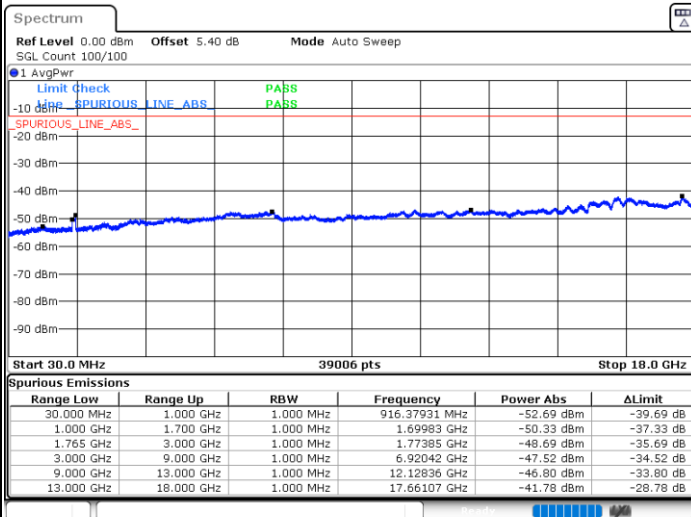
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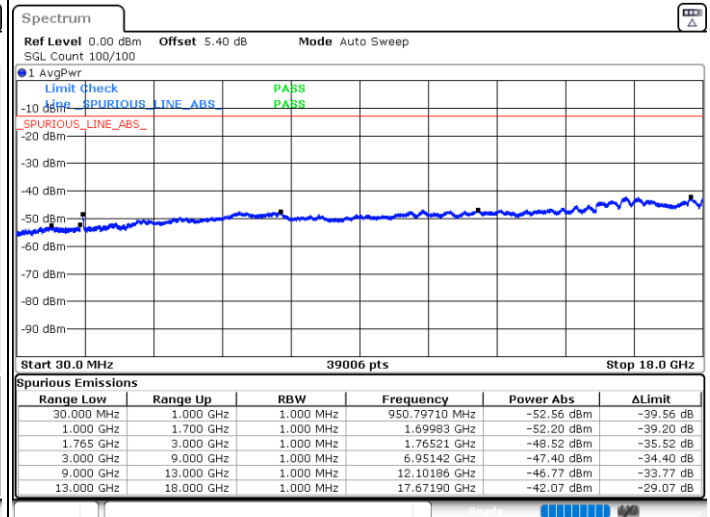
Date: 4.JAN.2023 14:54:58

LTE Band 66C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0

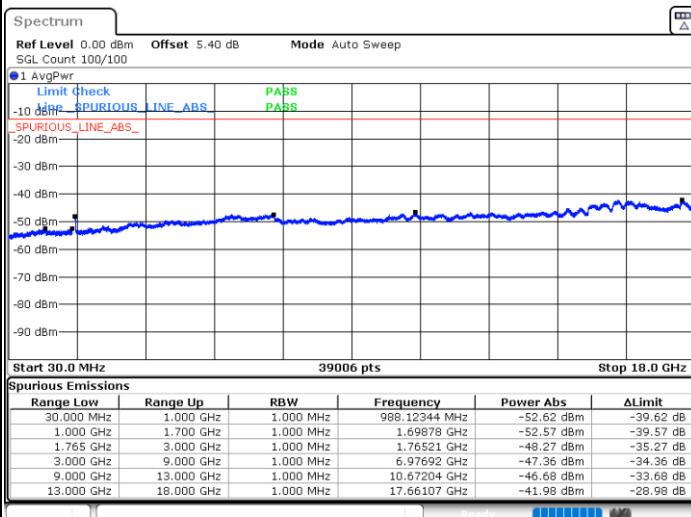
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LTE Band 66C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0

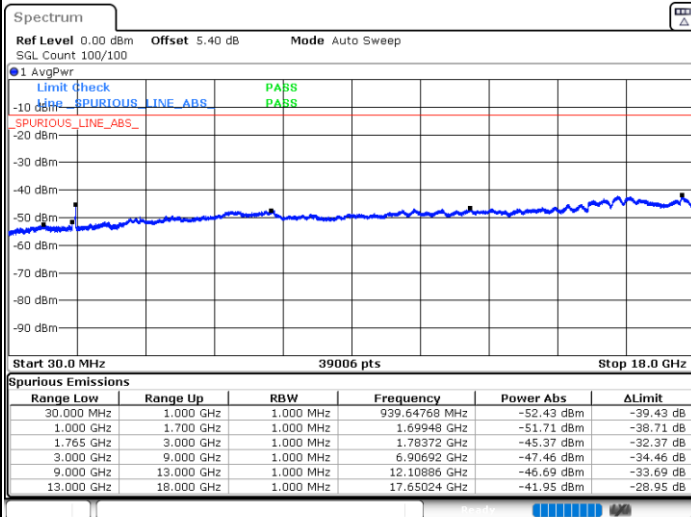
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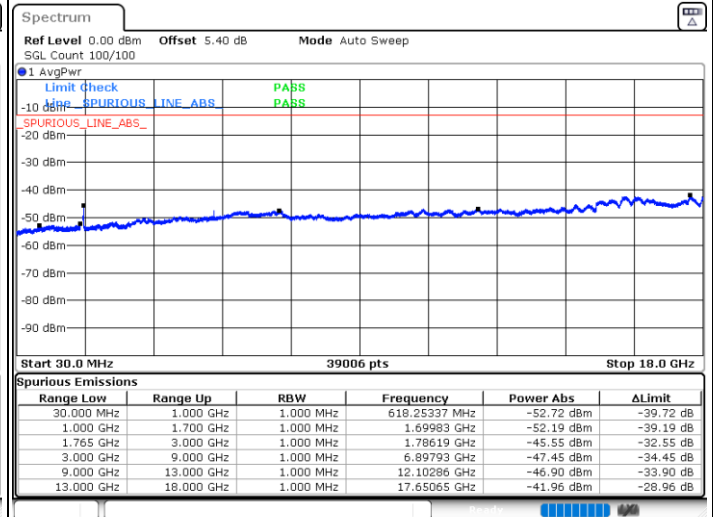
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LTE Band 66C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0

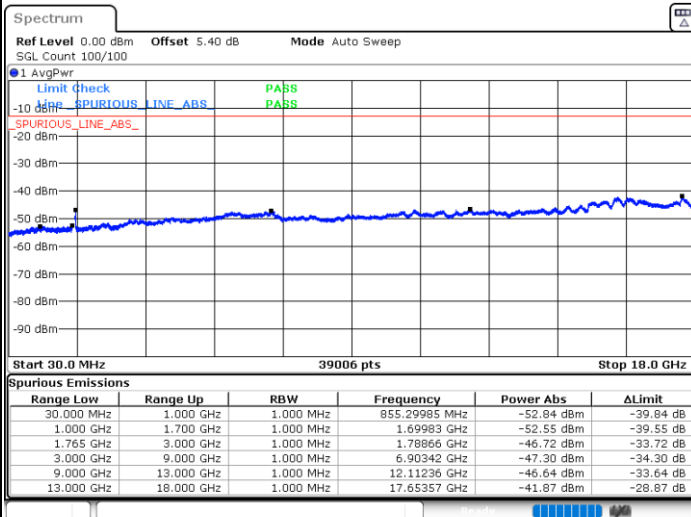
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LTE Band 66C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0

Date: 4.JAN.2023 16:55:03



Date: 4.JAN.2023 16:56:41

LTE Band 66C / 20MHz+20MHz QPSK Highest
Channel / 1RB99 and 1RB0

Date: 4.JAN.2023 16:52:50

Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage =12 V. ; Minimum Voltage (BEP) =11.4 V. ; Maximum Voltage =12.6 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 2 / 20MHz / QPSK/Ant.0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-47.16	-13	-34.16	-59.42	2.64	14.90	H
	5613.27	-41.61	-13	-28.61	-53.47	2.94	14.80	H
	7488	-44.33	-13	-31.33	-54.10	3.39	13.16	H
	3741	-48.81	-13	-35.81	-61.07	2.64	14.90	V
	5613	-38.63	-13	-25.63	-50.49	2.94	14.80	V
	7488	-44.39	-13	-31.39	-54.16	3.39	13.16	V

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

LTE Band 2 / 20MHz / QPSK/Ant.1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-47.16	-13	-34.16	-59.42	2.64	14.90	H
	5613.27	-41.61	-13	-28.61	-53.47	2.94	14.80	H
	7488	-44.33	-13	-31.33	-54.10	3.39	13.16	H
	3741	-48.81	-13	-35.81	-61.07	2.64	14.90	V
	5613	-38.63	-13	-25.63	-50.49	2.94	14.80	V
	7488	-44.39	-13	-31.39	-54.16	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-58.25	-13	-45.25	-61.49	1.11	6.50	H
	2496	-58.47	-13	-45.47	-61.09	1.43	6.20	H
	3328	-58.03	-13	-45.03	-62.47	1.71	8.30	H
	1664	-62.47	-13	-49.47	-65.71	1.11	6.50	V
	2496	-59.03	-13	-46.03	-61.65	1.43	6.20	V
	3328	-57.96	-13	-44.96	-62.40	1.71	8.30	V

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



LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555.18	-65.51	-13	-52.51	-68.14	1.09	5.87	H
	2332.77	-60.35	-13	-47.35	-62.75	1.37	5.92	H
	3110.36	-58.34	-13	-45.34	-62.23	1.64	7.68	H
	1555.18	-65.59	-13	-52.59	-68.22	1.09	5.87	V
	2332.77	-59.36	-13	-46.36	-61.76	1.37	5.92	V
	3112	-58.36	-13	-45.36	-62.25	1.64	7.68	V

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

LTE Band 66 / 20MHz / QPSK/Ant.0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-53.59	-13	-40.59	-64.33	2.604	13.34	H
	5208.27	-37.58	-13	-24.58	-48.09	3.011	13.52	H
	6948	-46.15	-13	-33.15	-56.35	3.271	13.47	H
	3471	-56.49	-13	-43.49	-67.23	2.604	13.34	V
	5208	-48.95	-13	-35.95	-59.46	3.011	13.52	V
	6948	-45.96	-13	-32.96	-56.16	3.271	13.47	V

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

LTE Band 66 / 20MHz / QPSK/Ant.1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-55.60	-13	-42.60	-66.34	2.604	13.34	H
	5208	-52.35	-13	-39.35	-62.86	3.011	13.52	H
	6948	-53.33	-13	-40.33	-63.53	3.271	13.47	H
	3471	-56.93	-13	-43.93	-67.67	2.604	13.34	V
	5208	-52.04	-13	-39.04	-62.55	3.011	13.52	V
	6948	-53.32	-13	-40.32	-63.52	3.271	13.47	V

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



LTE Band 5B / 10MHz +10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654.38	-61.67	-13	-48.67	-64.91	1.11	6.50	H
	2481.57	-59.29	-13	-46.29	-61.91	1.43	6.20	H
	3308.76	-56.88	-13	-43.88	-61.32	1.71	8.30	H
	1654.38	-63.45	-13	-50.45	-66.69	1.11	6.50	V
	2481.57	-59.12	-13	-46.12	-61.74	1.43	6.20	V
	3308.76	-57.83	-13	-44.83	-62.27	1.71	8.30	V

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

LTE Band 66B / 10MHz +10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3492	-50.94	-13	-37.94	-61.68	2.604	13.34	H
	5238	-54.27	-13	-41.27	-64.78	3.011	13.52	H
	6984	-53.04	-13	-40.04	-63.24	3.271	13.47	H
	3492	-50.34	-13	-37.34	-61.08	2.604	13.34	V
	5238	-53.64	-13	-40.64	-64.15	3.011	13.52	V
	6984	-52.49	-13	-39.49	-62.69	3.271	13.47	V

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

LTE Band 66C / 20MHz +20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-44.17	-13	-31.17	-54.91	2.604	13.34	H
	5208	-30.87	-13	-17.87	-41.38	3.011	13.52	H
	6948	-53.42	-13	-40.42	-63.62	3.271	13.47	H
	3471	-42.67	-13	-29.67	-53.41	2.604	13.34	V
	5208	-31.92	-13	-18.92	-42.43	3.011	13.52	V
	6948	-53.15	-13	-40.15	-63.35	3.271	13.47	V

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