



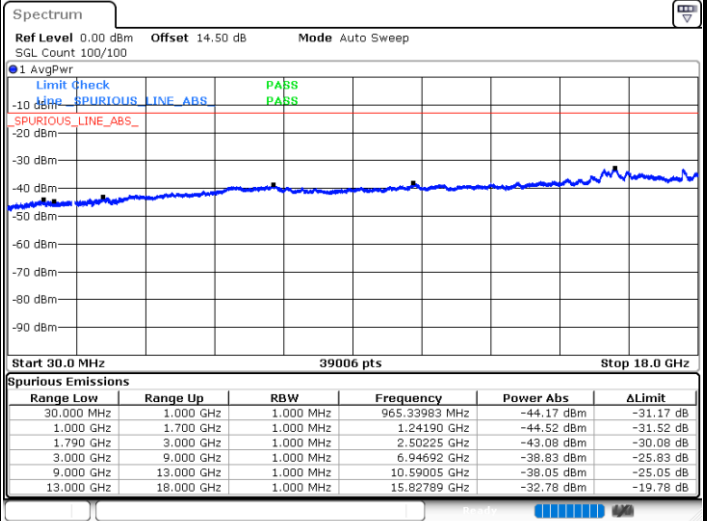
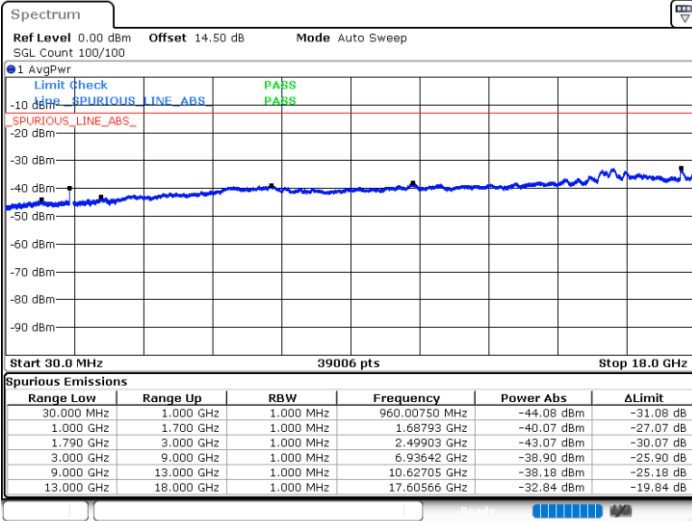
Conducted Spurious Emission

LTE Band 66C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

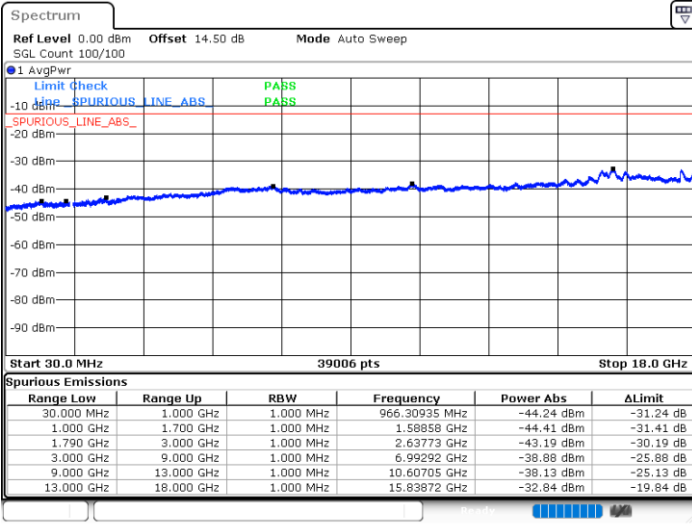


Date: 26.JAN.2024 03:30:21

Date: 26.JAN.2024 03:27:09

Highest Channel / 1RB24 and 1RB0

NA



Date: 26.JAN.2024 03:54:40

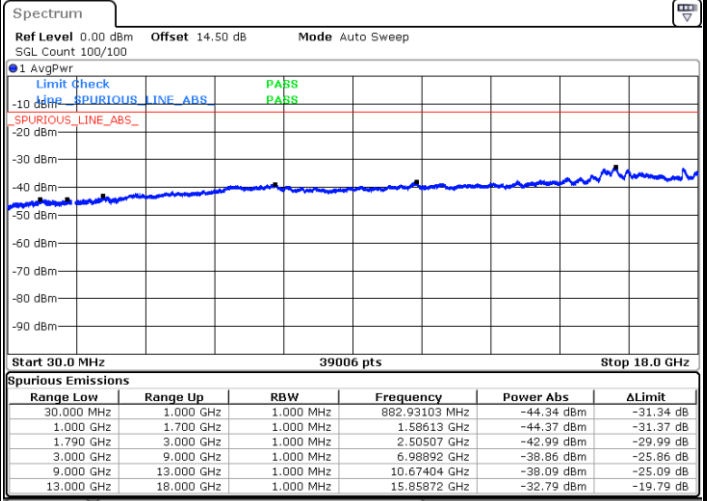
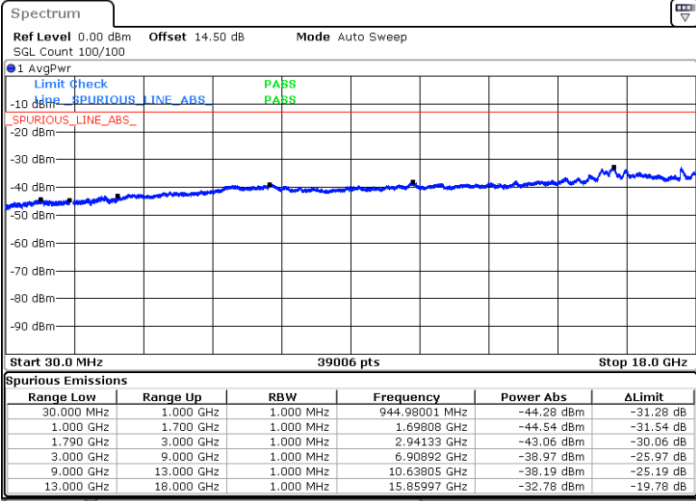


LTE Band 66C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

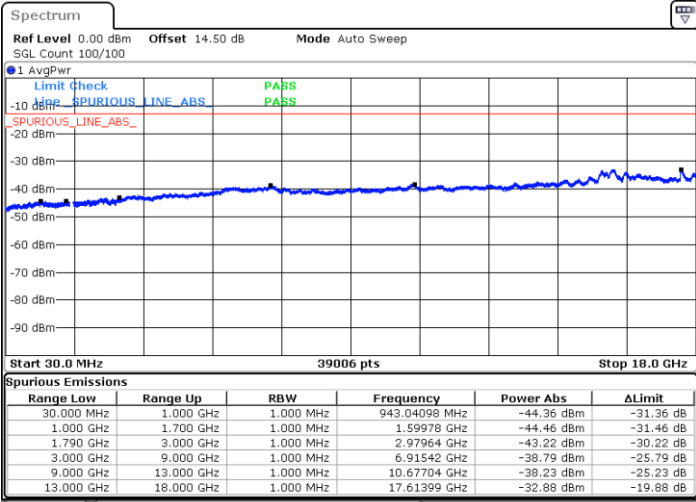


Date: 25.JAN.2024 22:47:35

Date: 25.JAN.2024 22:46:05

Highest Channel / 1RB49 and 1RB0

NA



Date: 25.JAN.2024 23:10:17

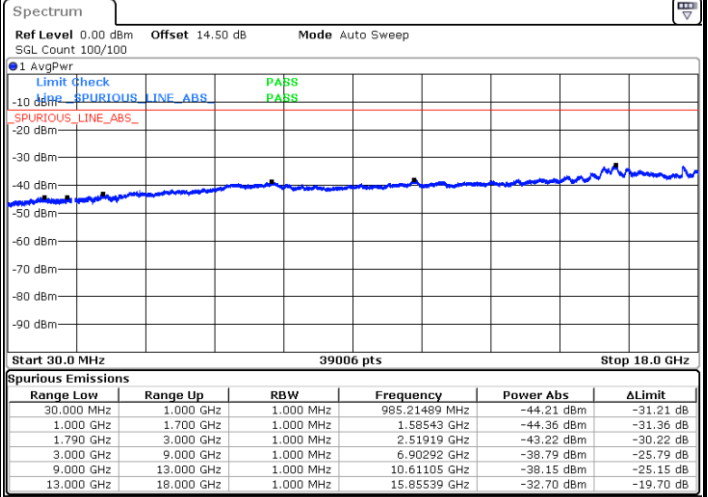
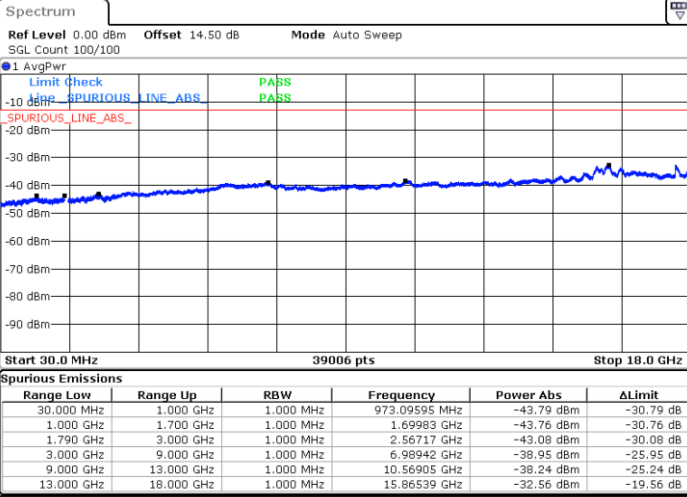


LTE Band 66C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

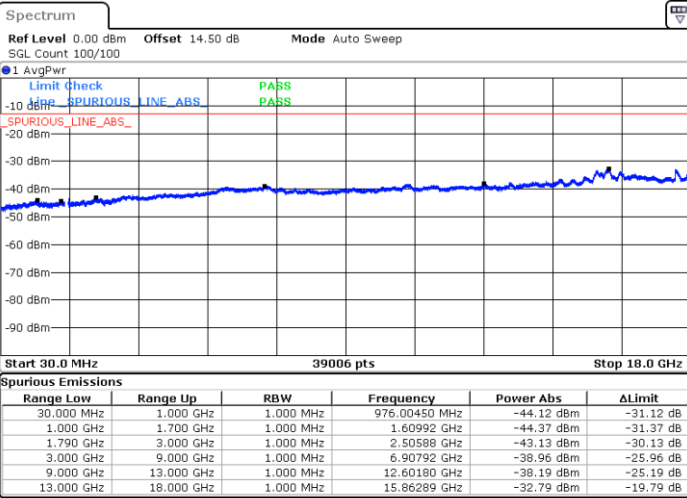


Date: 25.JAN.2024 23:44:59

Date: 25.JAN.2024 23:43:29

Highest Channel / 1RB49 and 1RB0

NA



Date: 26.JAN.2024 00:07:40

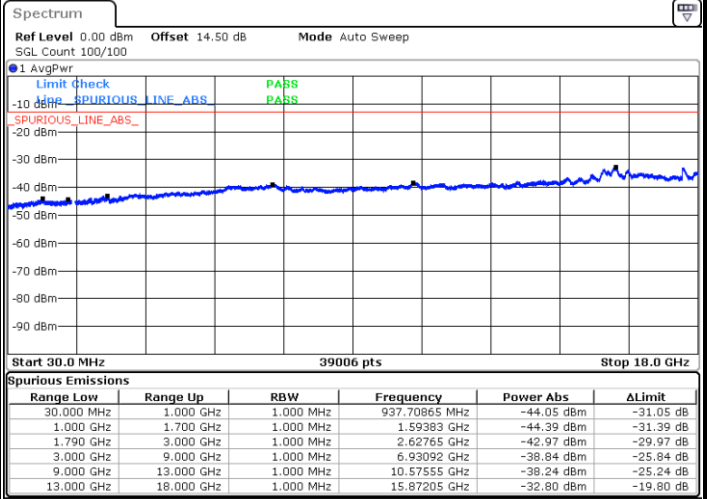
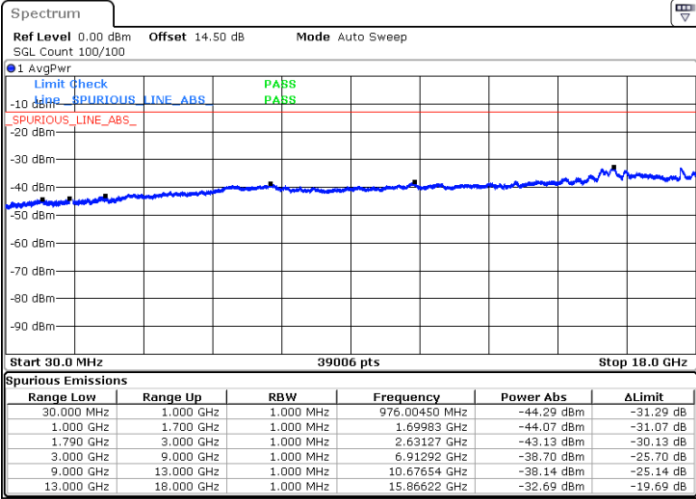


LTE Band 66C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

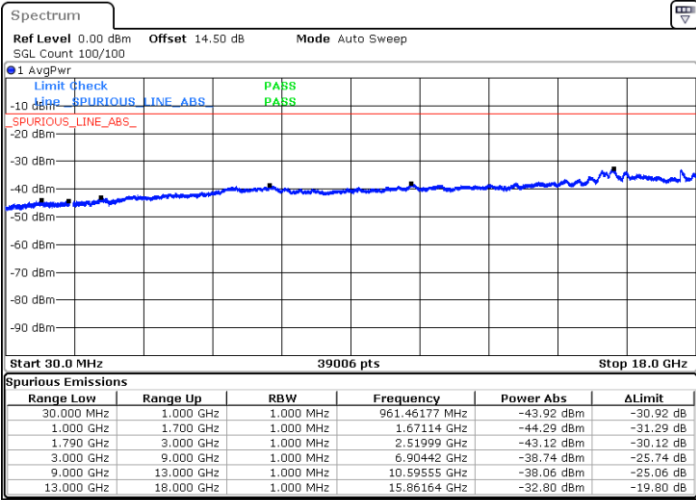


Date: 26.JAN.2024 22:25:26

Date: 25.JAN.2024 23:14:12

Highest Channel / 1RB74 and 1RB0

NA



Date: 25.JAN.2024 23:39:34

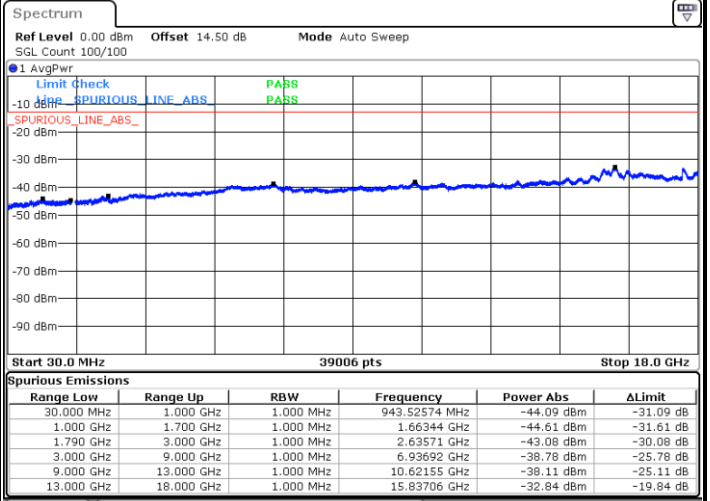
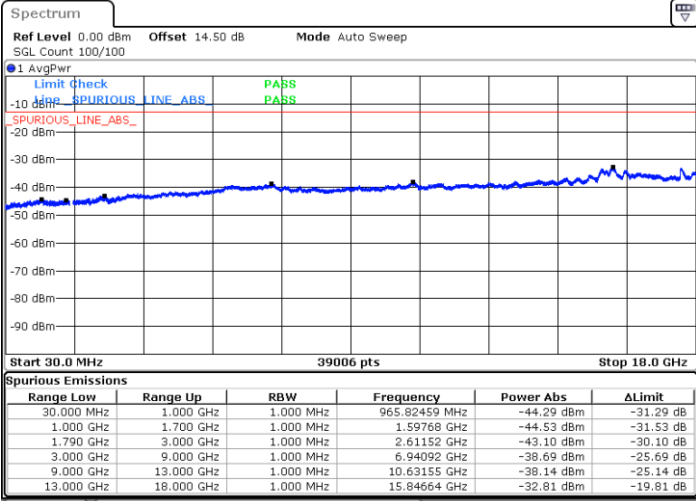


LTE Band 66C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

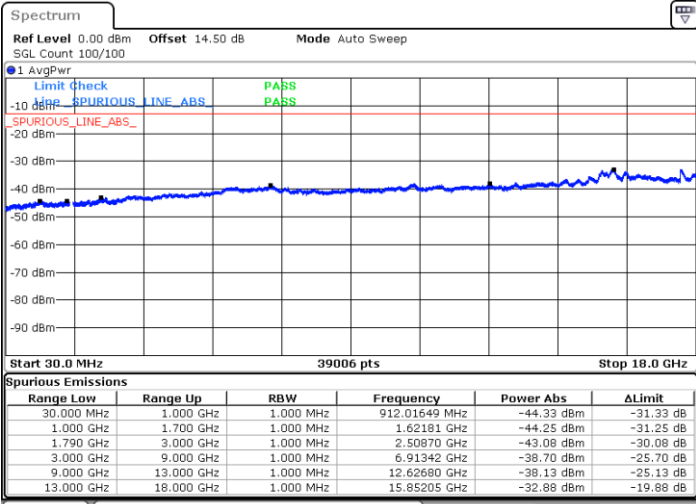


Date: 26.JAN.2024 00:42:22

Date: 26.JAN.2024 00:39:16

Highest Channel / 1RB74 and 1RB0

NA



Date: 26.JAN.2024 01:03:24

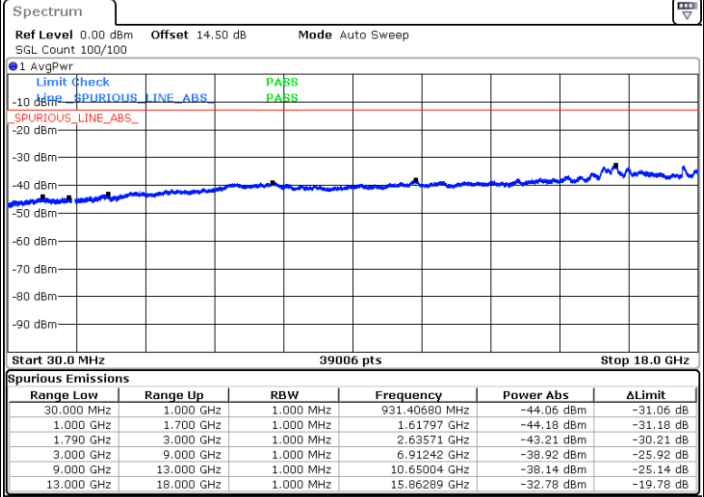
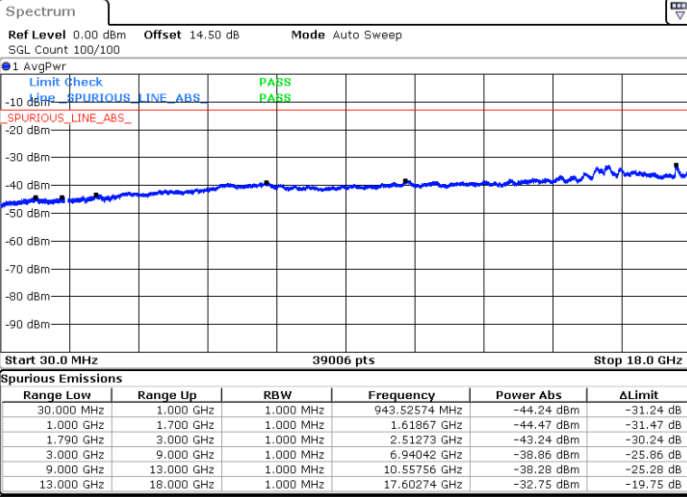


LTE Band 66C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

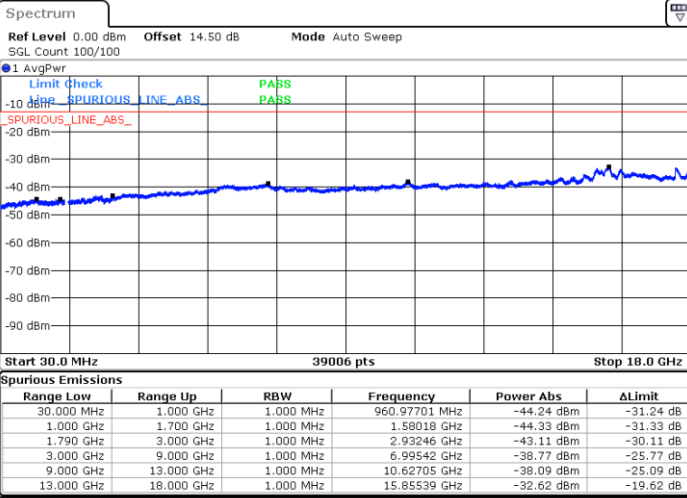


Date: 26.JAN.2024 01:16:07

Date: 26.JAN.2024 01:07:20

Highest Channel / 1RB74 and 1RB0

NA



Date: 26.JAN.2024 01:38:48

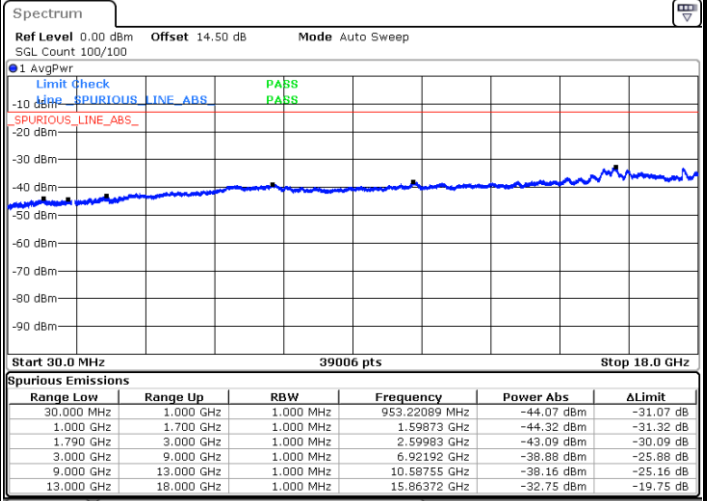
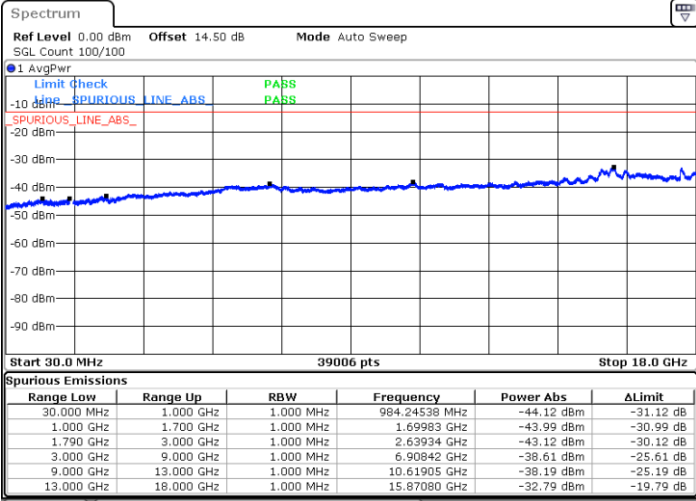


LTE Band 66C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

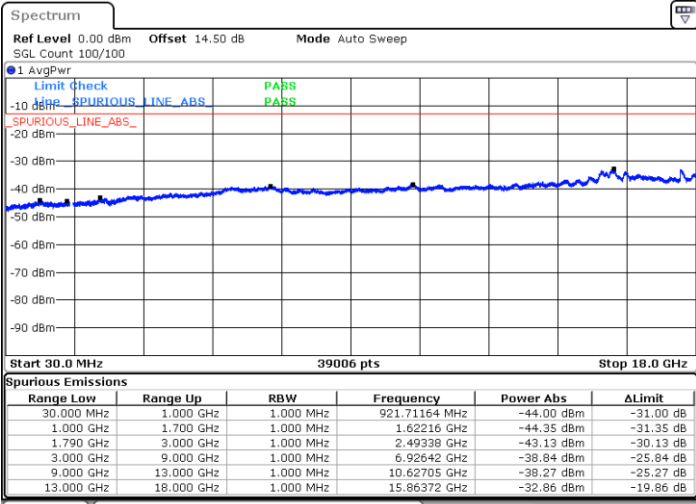


Date: 26.JAN.2024 02:58:56

Date: 26.JAN.2024 02:57:25

Highest Channel / 1RB99 and 1RB0

NA



Date: 26.JAN.2024 03:23:13

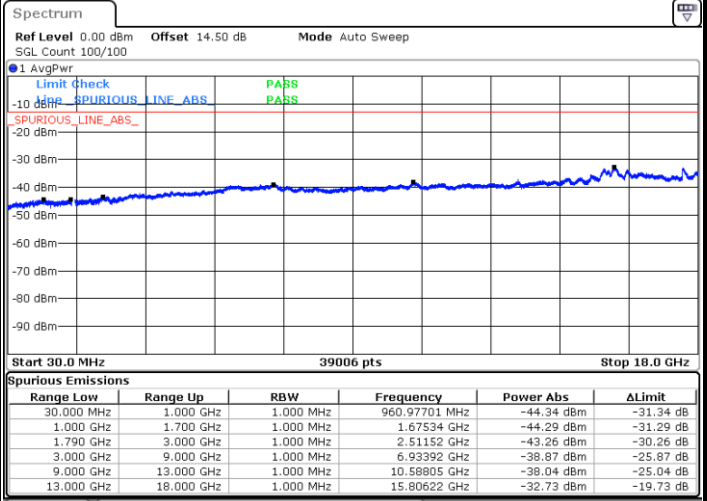
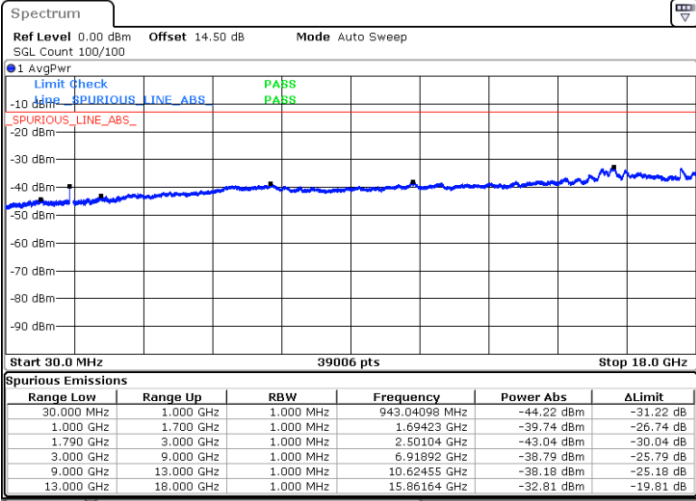


LTE Band 66C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

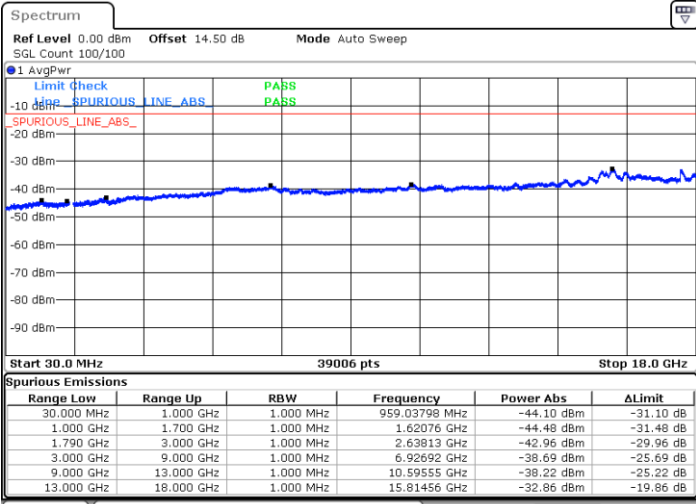


Date: 26.JAN.2024 00:13:05

Date: 26.JAN.2024 00:11:35

Highest Channel / 1RB99 and 1RB0

NA



Date: 26.JAN.2024 00:35:47

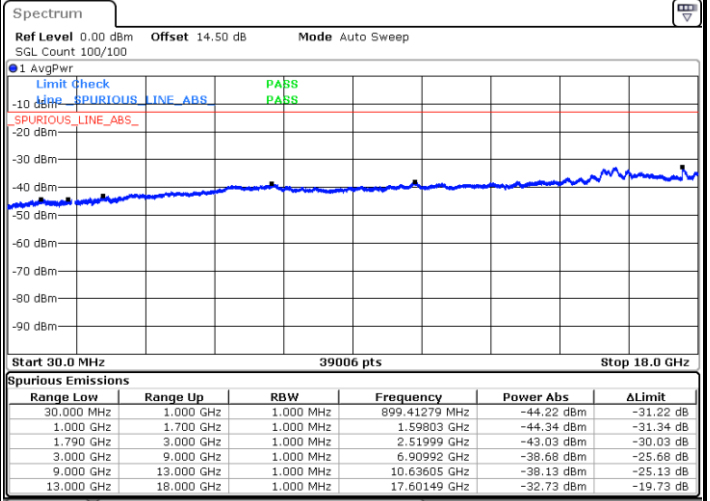
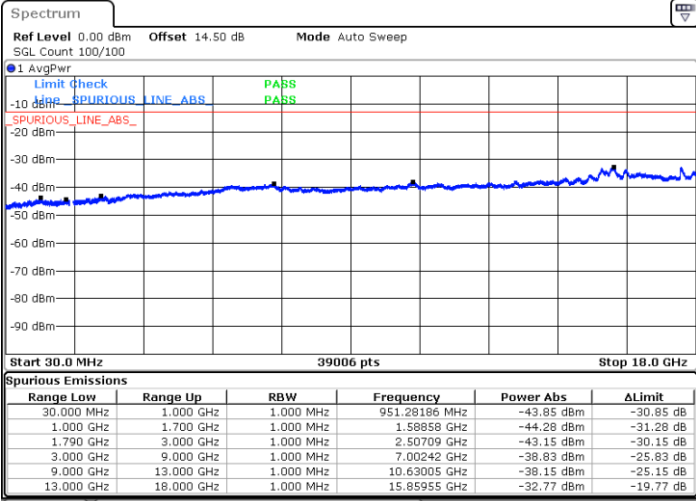


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

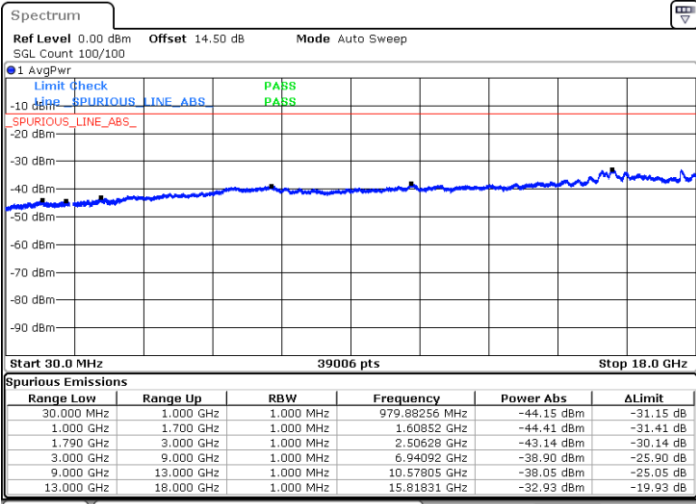


Date: 26.JAN.2024 01:44:14

Date: 26.JAN.2024 01:42:43

Highest Channel / 1RB99 and 1RB0

NA



Date: 26.JAN.2024 02:07:00

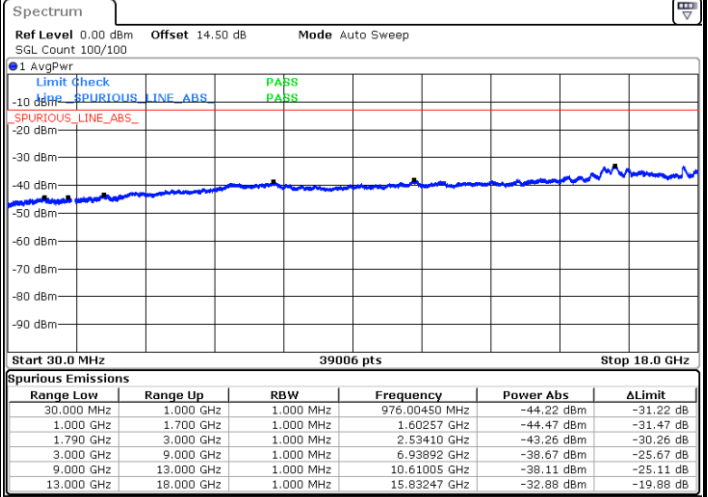
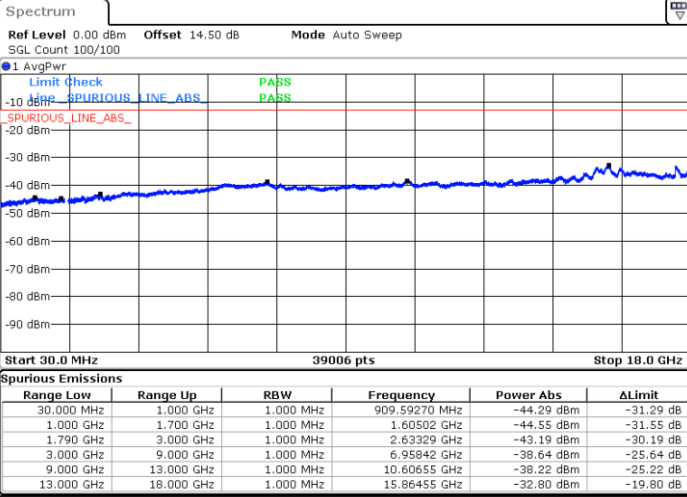


LTE Band 66C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

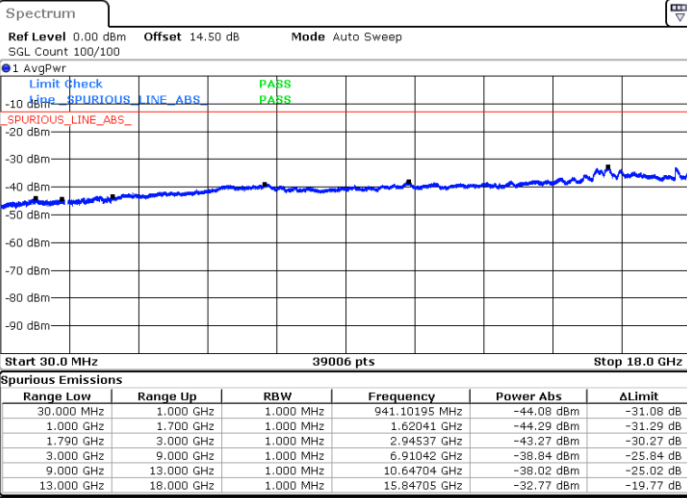


Date: 26.JAN.2024 03:59:34

Date: 26.JAN.2024 03:58:09

Highest Channel / 1RB99 and 1RB0

NA



Date: 26.JAN.2024 04:22:11



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pretest all the supported antennas, only the worst results are shown in the report.

LTE Band 25 / 20MHz / QPSK/ Ant1									
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)
Lowest	3702	-56.59	-13	-43.59	-79.77	-63.35	5.82	12.58	H
	5553	-50.43	-13	-37.43	-75.18	-56.15	7.28	13.00	H
	7404	-54.91	-13	-41.91	-82.29	-58.07	8.32	11.48	H
	3702	-54.20	-13	-41.20	-79.07	-60.96	5.82	12.58	V
	5553	-47.76	-13	-34.76	-72.94	-53.48	7.28	13.00	V
	7404	-55.00	-13	-42.00	-82.35	-58.16	8.32	11.48	V
Middle	3747	-56.89	-13	-43.89	-79.38	-63.64	5.85	12.60	H
	5620.5	-48.14	-13	-35.14	-72.64	-53.94	7.30	13.10	H
	7494	-55.20	-13	-42.20	-82.20	-58.35	8.35	11.50	H
	3747	-54.40	-13	-41.40	-80.05	-61.15	5.85	12.60	V
	5620.5	-44.56	-13	-31.56	-69.56	-50.36	7.30	13.10	V
	7494	-55.33	-13	-42.33	-82.32	-58.48	8.35	11.50	V
Highest	3792	-56.42	-13	-43.42	-79.78	-63.16	5.88	12.62	H
	5688	-47.41	-13	-34.41	-72.07	-53.22	7.32	13.13	H
	7584	-55.27	-13	-42.27	-81.97	-58.43	8.38	11.54	H
	3792	-54.95	-13	-41.95	-79.8	-61.69	5.88	12.62	V
	5688	-46.24	-13	-33.24	-71.25	-52.05	7.32	13.13	V
	7584	-55.38	-13	-42.38	-82.08	-58.54	8.38	11.54	V

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



LTE Band 26 / 15MHz / QPSK/ Ant0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629.5	-63.92	-13	-50.92	-75.95	-67.15	3.98	9.36	H
	2444.25	-58.25	-13	-45.25	-77.23	-61.80	4.85	10.55	H
	3259	-56.69	-13	-43.69	-77.55	-61.62	5.50	12.58	H
	1629.5	-63.31	-13	-50.31	-75.94	-66.54	3.98	9.36	V
	2444.25	-57.66	-13	-44.66	-77.08	-61.21	4.85	10.55	V
	3259	-55.38	-13	-42.38	-77.51	-60.31	5.50	12.58	V
Middle	1659.5	-63.54	-13	-50.54	-75.74	-66.79	4.00	9.40	H
	2489.25	-57.95	-13	-44.95	-77.33	-61.52	4.88	10.60	H
	3319	-56.69	-13	-43.69	-77.84	-61.62	5.52	12.60	H
	1659.5	-62.92	-13	-49.92	-75.79	-66.17	4.00	9.40	V
	2489.25	-57.51	-13	-44.51	-77.15	-61.08	4.88	10.60	V
	3319	-56.27	-13	-43.27	-78.12	-61.20	5.52	12.60	V
Highest	1669.5	-63.34	-13	-50.34	-75.54	-66.51	4.10	9.42	H
	2504.25	-57.98	-13	-44.98	-77.35	-61.56	4.90	10.63	H
	3339	-56.90	-13	-43.90	-78.24	-61.82	5.55	12.62	H
	1669.5	-62.92	-13	-49.92	-75.79	-66.09	4.10	9.42	V
	2504.25	-57.67	-13	-44.67	-77.30	-61.25	4.90	10.63	V
	3339	-56.38	-13	-43.38	-78.02	-61.30	5.55	12.62	V

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

LTE Band 66 / 20MHz / QPSK/ Ant1									
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)
Lowest	3422	-62.50	-13	-49.50	-74.76	-69.38	5.60	12.48	H
	5133	-58.65	-13	-45.65	-76.14	-64.33	7.10	12.78	H
	6844	-58.82	-13	-45.82	-79.27	-62.21	8.38	11.77	H
	3422	-60.03	-13	-47.03	-72.85	-66.91	5.60	12.48	V
	5133	-59.51	-13	-46.51	-76.94	-65.19	7.10	12.78	V
	6844	-57.67	-13	-44.67	-77.88	-61.06	8.38	11.77	V
Middle	3472	-63.61	-13	-50.61	-76.43	-70.46	5.65	12.50	H
	5208	-58.02	-13	-45.02	-75.48	-63.69	7.13	12.80	H
	6944	-58.64	-13	-45.64	-79.55	-62.04	8.40	11.80	H
	3472	-60.57	-13	-47.57	-73.94	-67.42	5.65	12.50	V
	5208	-59.03	-13	-46.03	-76.44	-64.70	7.13	12.80	V
	6944	-57.35	-13	-44.35	-78.31	-60.75	8.40	11.80	V
Highest	3522	-63.11	-13	-50.11	-76.51	-69.95	5.68	12.52	H
	5283	-60.05	-13	-47.05	-77.01	-65.72	7.15	12.82	H
	7044	-57.37	-13	-44.37	-78.70	-60.80	8.42	11.85	H
	3522	-59.05	-13	-46.05	-72.98	-65.89	5.68	12.52	V
	5283	-58.93	-13	-45.93	-75.94	-64.60	7.15	12.82	V
	7044	-56.48	-13	-43.48	-77.99	-59.91	8.42	11.85	V

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



LTE Band 5B / 10+10MHz / QPSK/ Ant0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1667.9	-63.62	-13	-50.62	-75.82	-66.85	3.98	9.36	H
	2501.85	-58.18	-13	-45.18	-77.55	-61.73	4.85	10.55	H
	3335.8	-56.79	-13	-43.79	-78.03	-61.72	5.50	12.58	H
	1667.9	-63.17	-13	-50.17	-76.04	-66.40	3.98	9.36	V
	2501.85	-57.98	-13	-44.98	-77.61	-61.53	4.85	10.55	V
	3335.8	-56.69	-13	-43.69	-78.43	-61.62	5.50	12.58	V
Middle	1673.1	-63.79	-13	-50.79	-76.05	-67.04	4.00	9.40	H
	2509.65	-58.10	-13	-45.10	-77.60	-61.67	4.88	10.60	H
	3346.2	-56.90	-13	-43.90	-78.24	-61.83	5.52	12.60	H
	1673.1	-63.32	-13	-50.32	-76.29	-66.57	4.00	9.40	V
	2509.65	-57.86	-13	-44.86	-77.57	-61.43	4.88	10.60	V
	3346.2	-56.60	-13	-43.60	-78.24	-61.53	5.52	12.60	V
Highest	1678.1	-63.67	-13	-50.67	-75.97	-66.84	4.10	9.42	H
	2517.15	-58.26	-13	-45.26	-77.76	-61.84	4.90	10.63	H
	3356.2	-57.48	-13	-44.48	-78.40	-62.40	5.55	12.62	H
	1678.1	-63.03	-13	-50.03	-76.04	-66.20	4.10	9.42	V
	2517.15	-58.08	-13	-45.08	-77.79	-61.66	4.90	10.63	V
	3356.2	-56.83	-13	-43.83	-78.40	-61.75	5.55	12.62	V

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

LTE Band 66B / 10+10MHz / QPSK/ Ant1									
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)
Lowest	3439.9	-57.04	-13	-44.04	-78.49	-63.92	5.60	12.48	H
	5159.85	-53.21	-13	-40.21	-77.88	-58.89	7.10	12.78	H
	6879.8	-56.24	-13	-43.24	-82.40	-59.63	8.38	11.77	H
	3439.9	-55.89	-13	-42.89	-78.28	-62.77	5.60	12.48	V
	5159.85	-54.90	-13	-41.90	-80.07	-60.58	7.10	12.78	V
	6879.8	-55.00	-13	-42.00	-82.62	-58.39	8.38	11.77	V
Middle	3510.1	-56.55	-13	-43.55	-79.18	-63.40	5.65	12.50	H
	5265.15	-49.73	-13	-36.73	-74.75	-55.40	7.13	12.80	H
	7020.2	-55.90	-13	-42.90	-82.42	-59.30	8.40	11.80	H
	3510.1	-55.81	-13	-42.81	-78.84	-62.66	5.65	12.50	V
	5265.15	-53.07	-13	-40.07	-77.97	-58.74	7.13	12.80	V
	7020.2	-55.23	-13	-42.23	-82.1	-58.63	8.40	11.80	V
Highest	3540.1	-55.96	-13	-42.96	-78.35	-62.80	5.68	12.52	H
	5310.15	-52.79	-13	-39.79	-77.93	-58.46	7.15	12.82	H
	7080.2	-55.53	-13	-42.53	-82.31	-58.96	8.42	11.85	H
	3540.1	-54.72	-13	-41.72	-78.38	-61.56	5.68	12.52	V
	5310.15	-54.77	-13	-41.77	-79.52	-60.44	7.15	12.82	V
	7080.2	-54.81	-13	-41.81	-82.58	-58.24	8.42	11.85	V

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



LTE Band 66C / 10+10MHz / QPSK/ Ant1									
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)
Lowest	3459.8	-56.53	-13	-43.53	-78.78	-63.41	5.60	12.48	H
	5189.7	-49.50	-13	-36.50	-74.26	-55.18	7.10	12.78	H
	6919.6	-55.95	-13	-42.95	-82.19	-59.34	8.38	11.77	H
	3459.8	-56.37	-13	-43.37	-78.42	-63.25	5.60	12.48	V
	5189.7	-51.26	-13	-38.26	-76.41	-56.94	7.10	12.78	V
	6919.6	-55.40	-13	-42.40	-82.74	-58.79	8.38	11.77	V
Middle	3510	-56.51	-13	-43.51	-79.14	-63.36	5.65	12.50	H
	5265	-47.57	-13	-34.57	-72.59	-53.24	7.13	12.80	H
	7020	-55.82	-13	-42.82	-82.34	-59.22	8.40	11.80	H
	3510	-55.82	-13	-42.82	-78.85	-62.67	5.65	12.50	V
	5265	-50.83	-13	-37.83	-75.73	-56.50	7.13	12.80	V
	7020	-55.43	-13	-42.43	-82.3	-58.83	8.40	11.80	V
Highest	3520.2	-56.68	-13	-43.68	-79.30	-63.52	5.68	12.52	H
	5280.3	-54.57	-13	-41.57	-79.62	-60.24	7.15	12.82	H
	7040.4	-55.54	-13	-42.54	-82.11	-58.97	8.42	11.85	H
	3520.2	-55.53	-13	-42.53	-78.55	-62.37	5.68	12.52	V
	5280.3	-56.16	-13	-43.16	-81	-61.83	7.15	12.82	V
	7040.4	-55.12	-13	-42.12	-82.2	-58.55	8.42	11.85	V

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