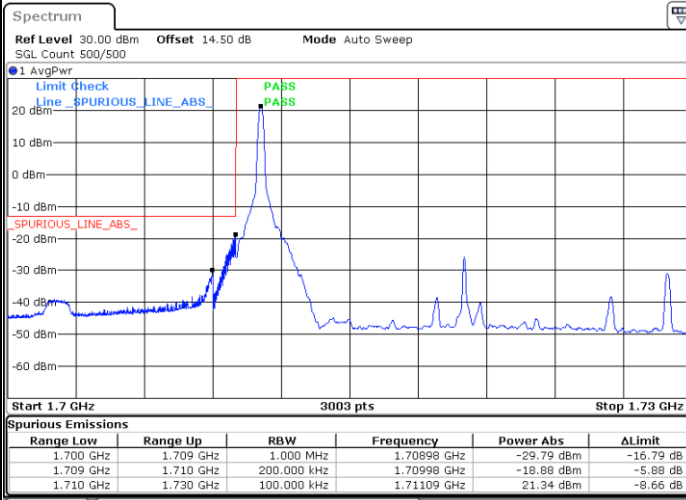




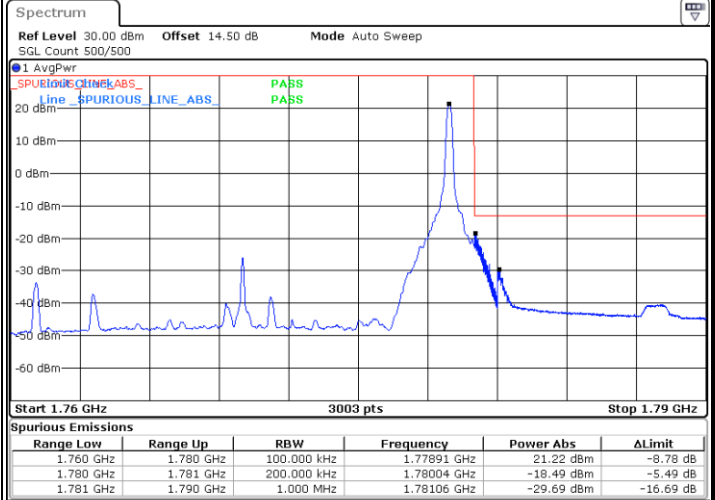
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



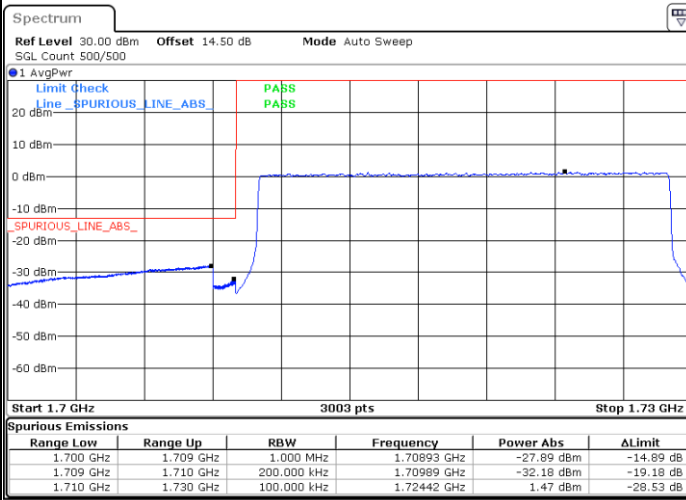
Date: 11.SEP.2024 17:44:22

Highest Band Edge / 1RB



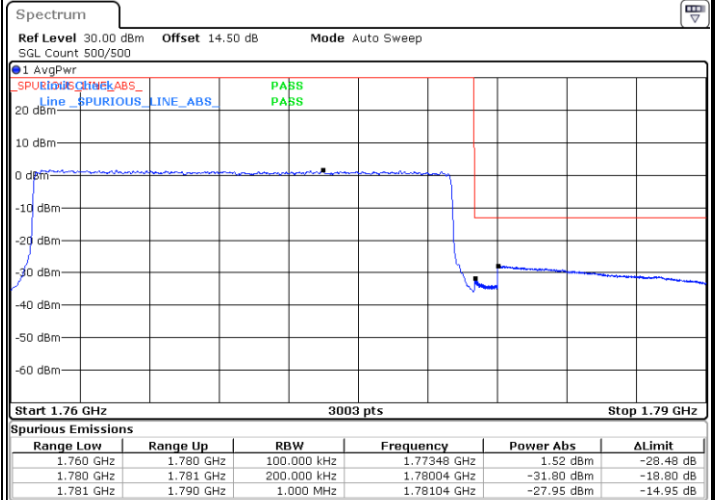
Date: 11.SEP.2024 17:56:37

Lowest Band Edge / Full RB



Date: 11.SEP.2024 17:47:33

Highest Band Edge / Full RB

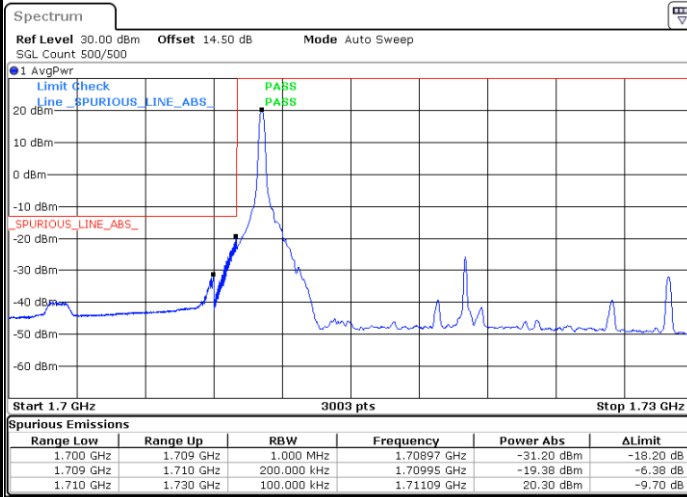


Date: 11.SEP.2024 17:59:48



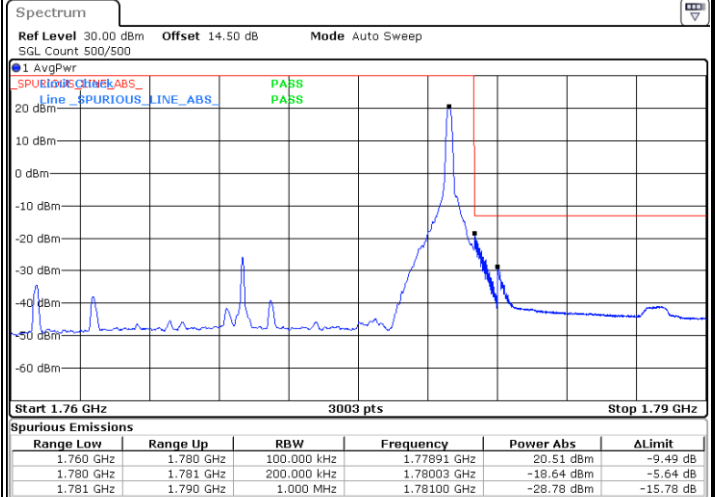
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



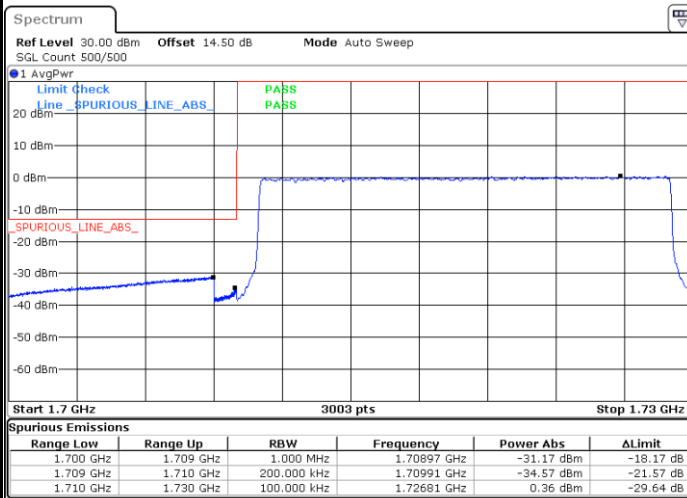
Date: 11.SEP.2024 17:45:25

Highest Band Edge / 1 RB



Date: 11.SEP.2024 17:57:41

Lowest Band Edge / Full RB



Date: 11.SEP.2024 17:48:36

Highest Band Edge / Full RB

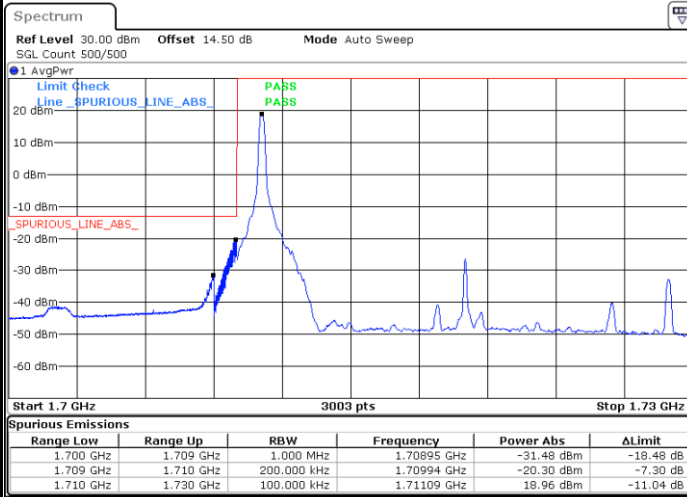


Date: 11.SEP.2024 18:00:52



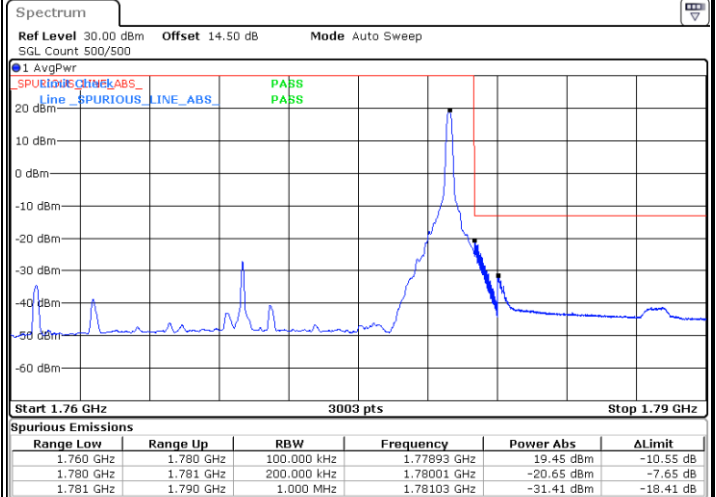
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



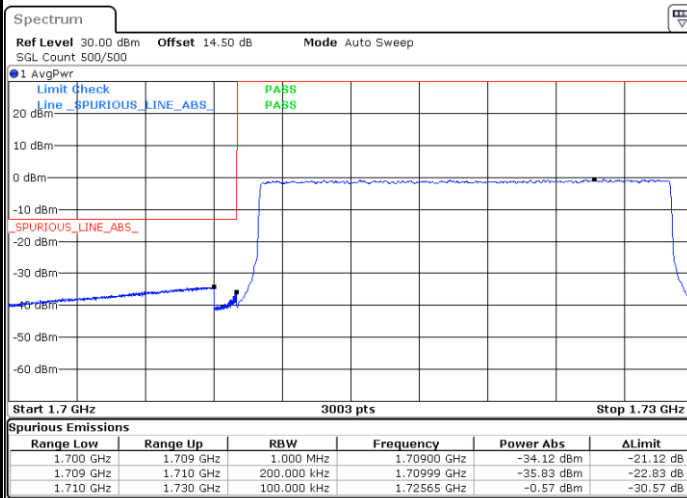
Date: 11.SEP.2024 17:46:29

Highest Band Edge / 1 RB



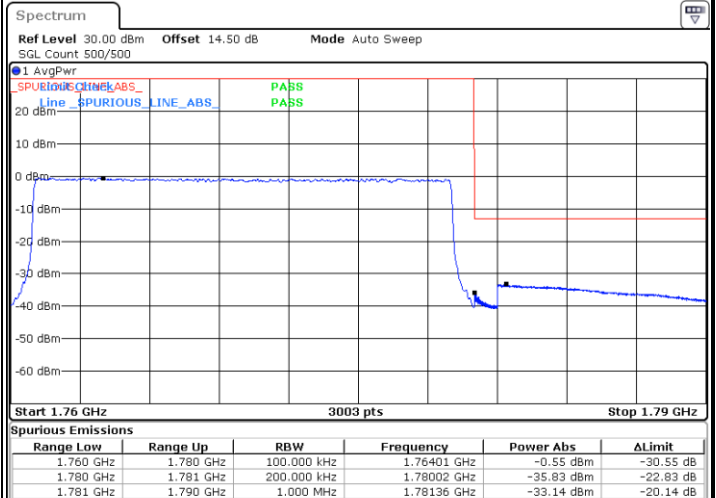
Date: 11.SEP.2024 17:58:44

Lowest Band Edge / Full RB



Date: 11.SEP.2024 17:49:40

Highest Band Edge / Full RB



Date: 11.SEP.2024 18:01:55

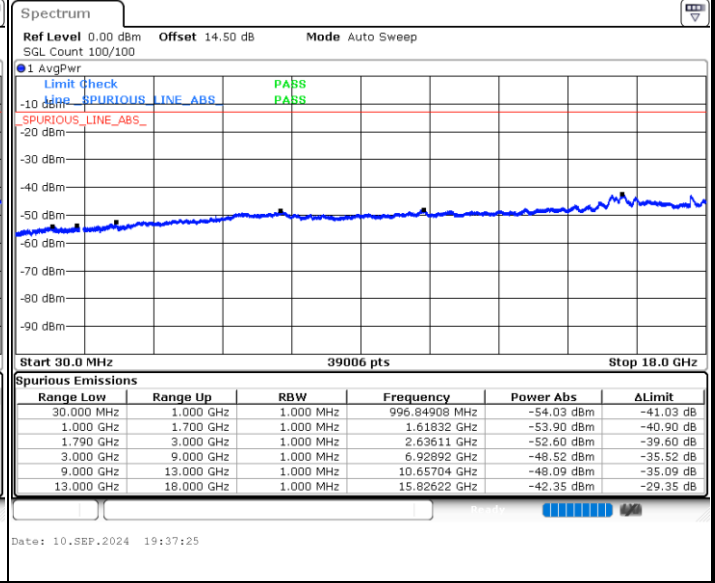
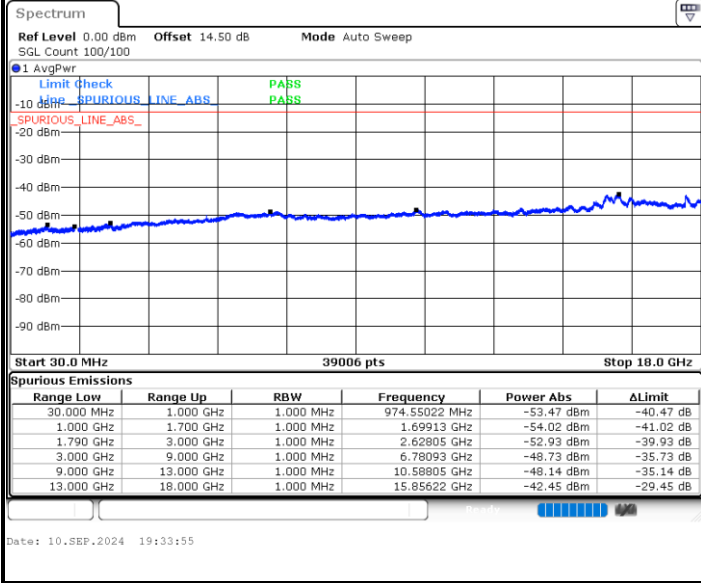


Conducted Spurious Emission

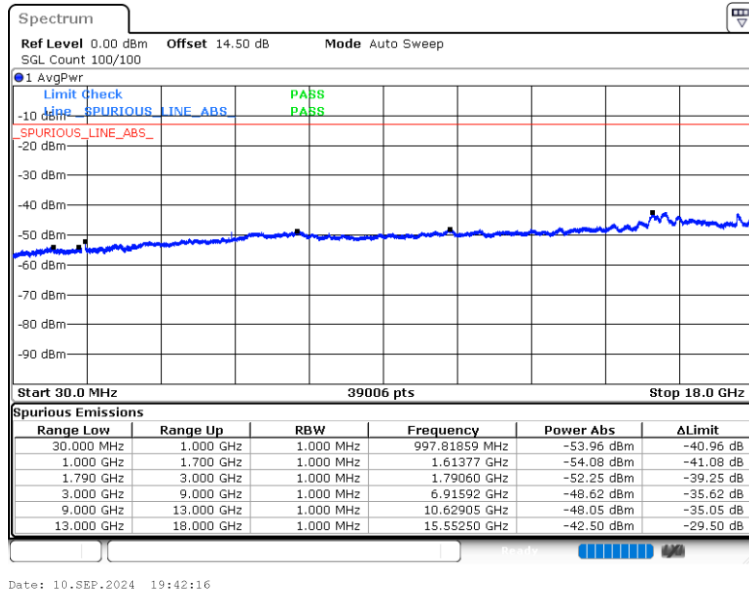
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

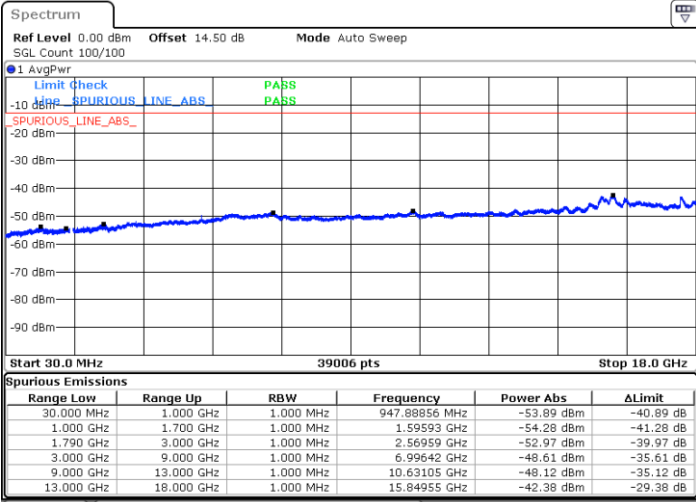




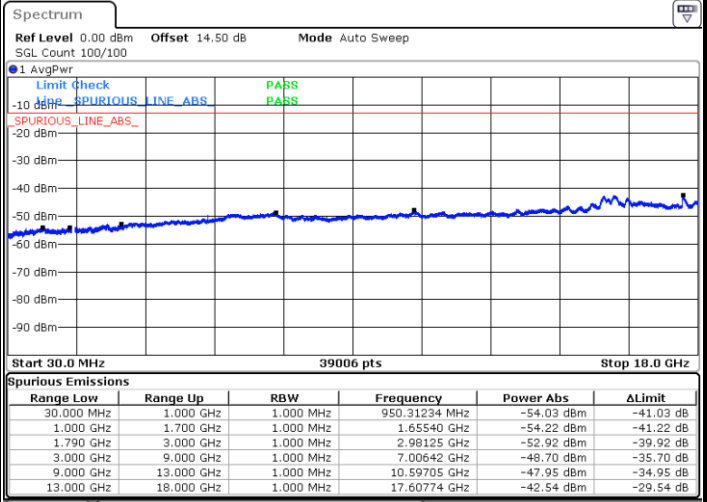
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

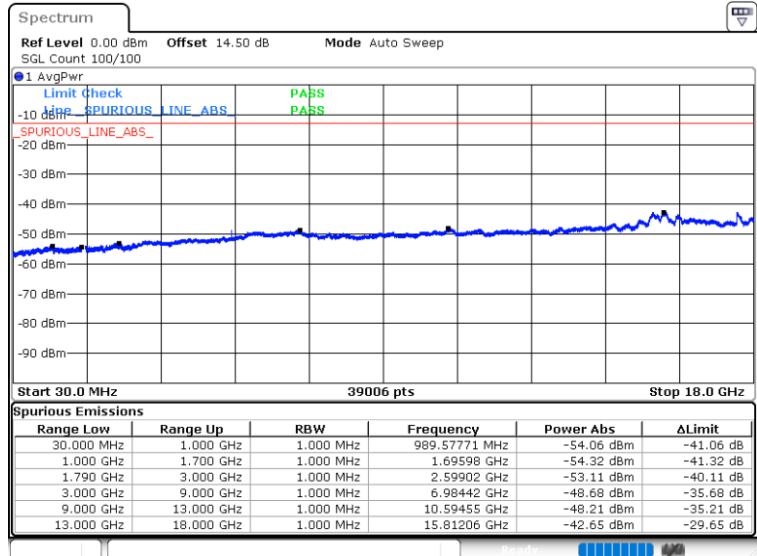


Date: 10.SEP.2024 19:48:45



Date: 10.SEP.2024 19:52:16

Highest Channel / QPSK



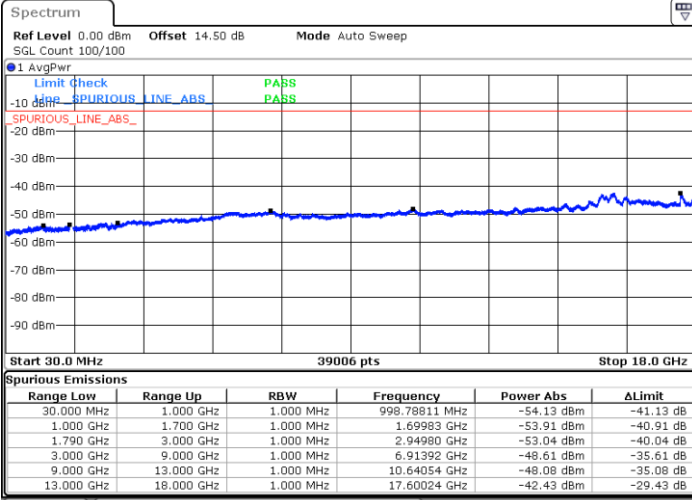
Date: 10.SEP.2024 19:59:22



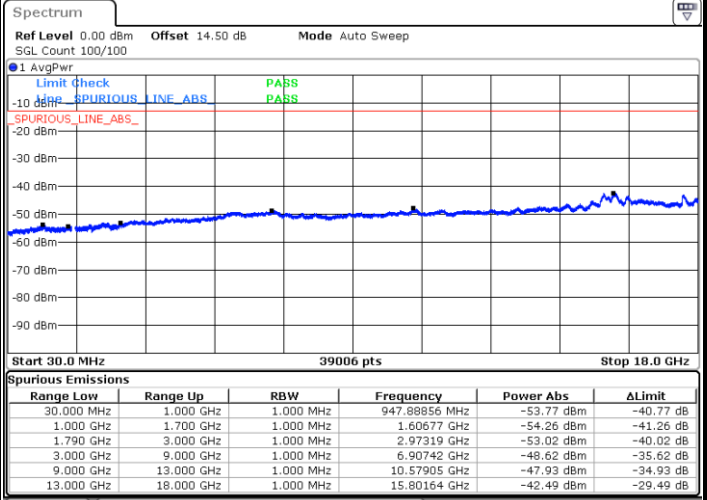
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

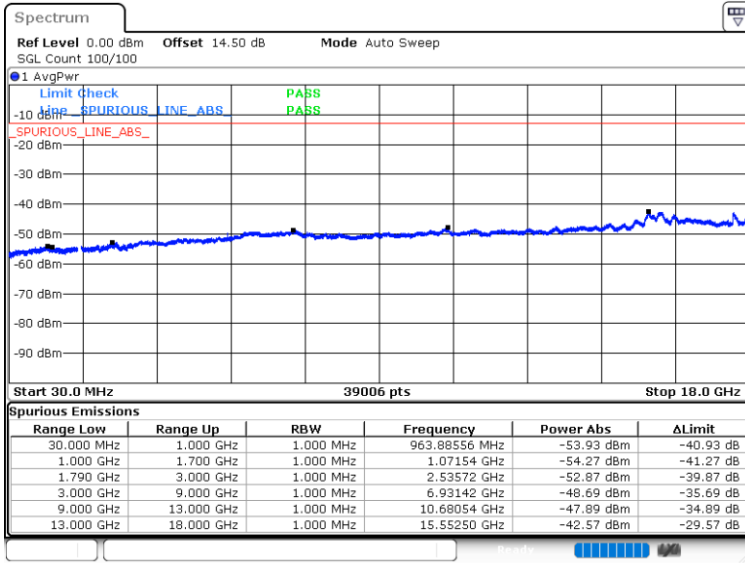


Date: 10.SEP.2024 20:03:35



Date: 10.SEP.2024 20:07:05

Highest Channel / QPSK



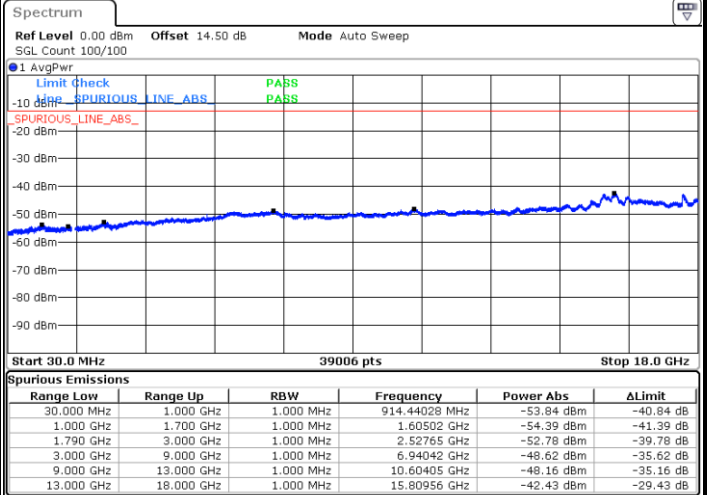
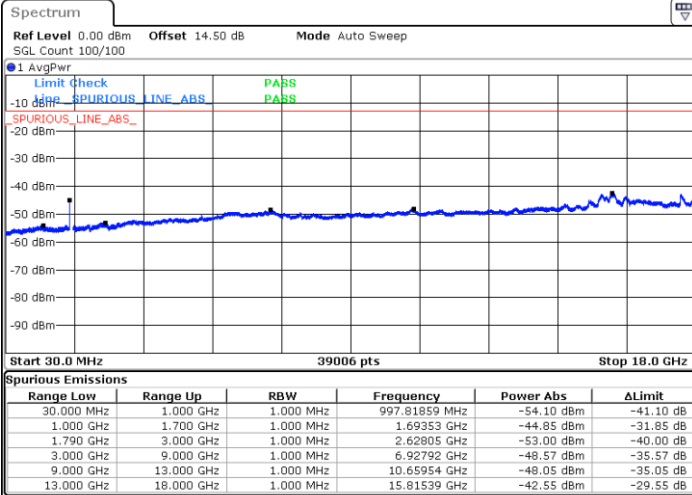
Date: 10.SEP.2024 20:14:12



LTE Band 66 / 10MHz

Lowest Channel / QPSK

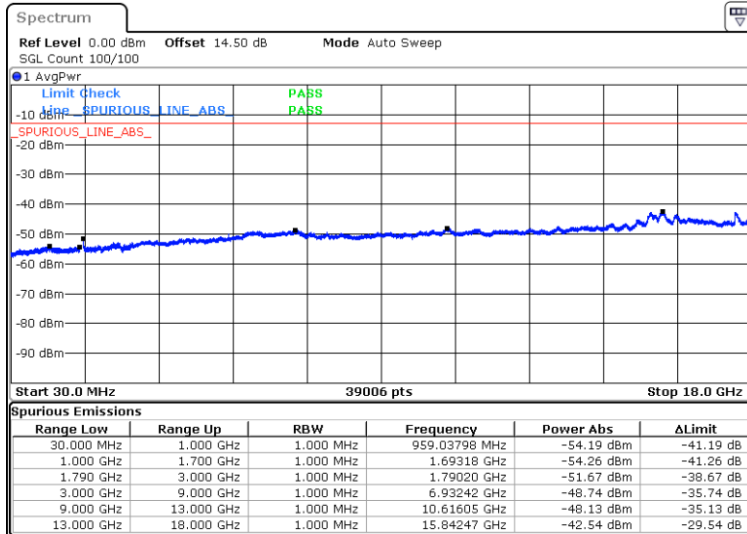
Middle Channel / QPSK



Date: 10.SEP.2024 20:20:42

Date: 10.SEP.2024 20:21:56

Highest Channel / QPSK



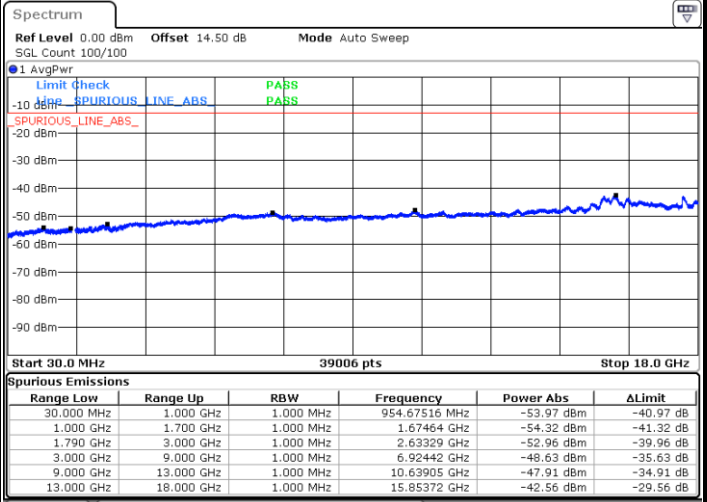
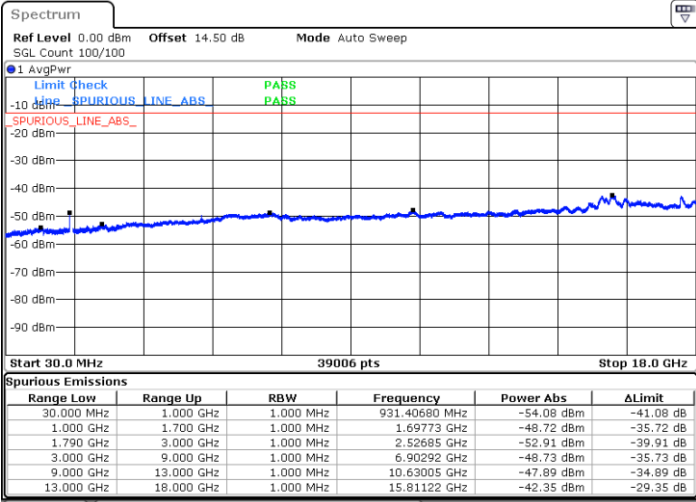
Date: 10.SEP.2024 20:29:03



LTE Band 66 / 15MHz

Lowest Channel / QPSK

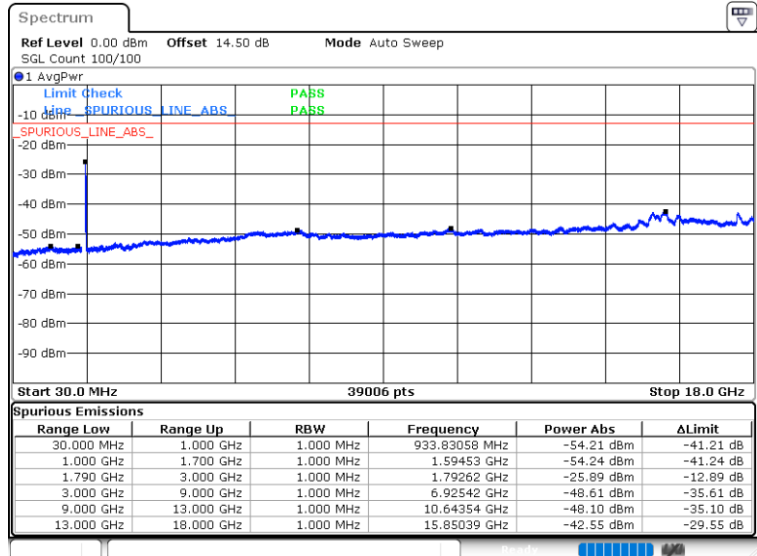
Middle Channel / QPSK



Date: 11.SEP.2024 17:32:28

Date: 11.SEP.2024 17:33:53

Highest Channel / QPSK



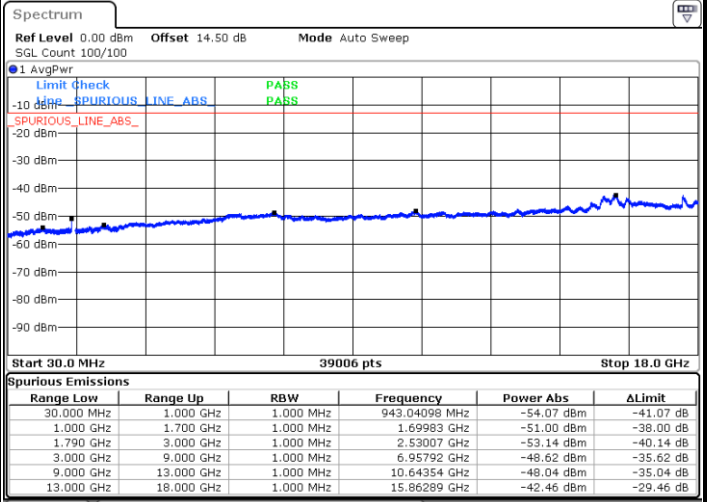
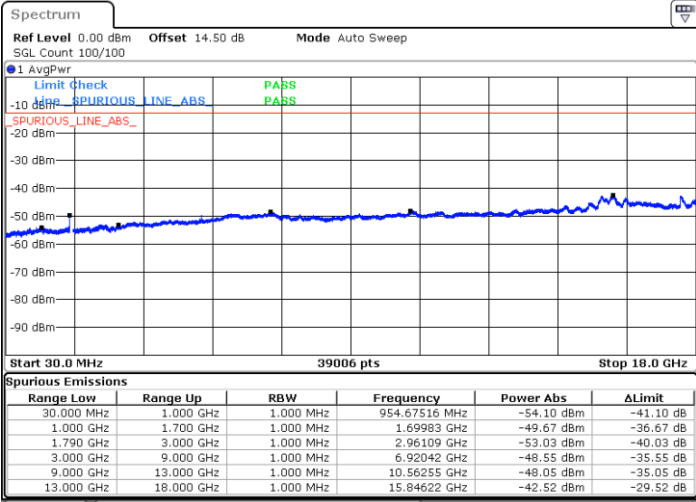
Date: 11.SEP.2024 17:43:13



LTE Band 66 / 20MHz

Lowest Channel / QPSK

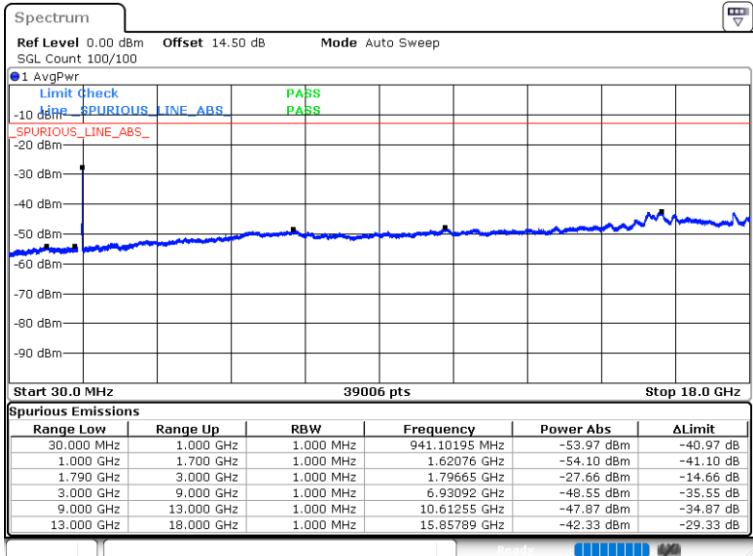
Middle Channel / QPSK



Date: 11.SEP.2024 17:51:08

Date: 11.SEP.2024 17:52:36

Highest Channel / QPSK



Date: 11.SEP.2024 18:03:24



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0058	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangHuaCong	Temperature :	22~23°C
		Relative Humidity :	40~42%

For Sample 1

LTE Band 2 / 20MHz / QPSK / Ant 0									
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	3742.18	-56.96	-13	-43.96	-80.00	-63.71	5.85	12.60	H
	5613.27	-56.82	-13	-43.82	-81.40	-62.62	7.30	13.10	H
	7484.36	-54.43	-13	-41.43	-81.51	-57.58	8.35	11.50	H
	3742.18	-54.89	-13	-41.89	-79.94	-61.64	5.85	12.60	V
	5613.27	-55.80	-13	-42.80	-81.23	-61.60	7.30	13.10	V
	7484.36	-54.69	-13	-41.69	-81.75	-57.84	8.35	11.50	V

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

LTE Band 7 / 20MHz / QPSK / Ant 0									
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	5052.18	-56.84	-25	-31.84	-80.79	-62.40	7.14	12.70	H
	7578.27	-54.62	-25	-29.62	-81.32	-57.92	8.30	11.60	H
	10104.36	-52.01	-25	-27.01	-82.95	-53.53	10.48	12.00	H
	12630.45	-47.10	-25	-22.10	-81.20	-48.80	11.80	13.50	H
	5052.18	-55.53	-25	-30.53	-80.81	-61.09	7.14	12.70	V
	7578.27	-53.36	-25	-28.36	-80.06	-56.66	8.30	11.60	V
	10104.36	-51.07	-25	-26.07	-82.99	-52.59	10.48	12.00	V
	12630.45	-36.43	-25	-11.43	-71.61	-38.13	11.80	13.50	V

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



LTE Band 13 / 5MHz / QPSK / Ant 0									
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	1559.5	-55.63	-42.15	-13.48	-67.41	-58.88	4.00	9.40	H
	2339.25	-61.76	-13	-48.76	-80.37	-65.33	4.88	10.60	H
	3119	-60.28	-13	-47.28	-80.60	-65.21	5.52	12.60	H
	1559.5	-52.92	-42.15	-10.77	-65.32	-56.17	4.00	9.40	V
	2339.25	-61.04	-13	-48.04	-80.02	-64.61	4.88	10.60	V
	3119	-58.56	-13	-45.56	-80.68	-63.49	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK / Ant 0									
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	1559.5	-56.20	-42.15	-14.05	-67.98	-59.45	4.00	9.40	H
	2339.25	-62.00	-13	-49.00	-80.61	-65.57	4.88	10.60	H
	3119	-60.37	-13	-47.37	-80.69	-65.30	5.52	12.60	H
	1559.5	-53.70	-42.15	-11.55	-66.10	-56.95	4.00	9.40	V
	2339.25	-61.26	-13	-48.26	-80.24	-64.83	4.88	10.60	V
	3119	-58.64	-13	-45.64	-80.76	-63.57	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK / Ant 0									
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	1649.5	-66.58	-13	-53.58	-78.67	-69.83	4.00	9.40	H
	2474.25	-61.79	-13	-48.79	-81.04	-65.36	4.88	10.60	H
	3299	-60.19	-13	-47.19	-81.24	-65.12	5.52	12.60	H
	1649.5	-65.82	-13	-52.82	-78.55	-69.07	4.00	9.40	V
	2474.25	-60.99	-13	-47.99	-80.56	-64.56	4.88	10.60	V
	3299	-59.13	-13	-46.13	-81.07	-64.06	5.52	12.60	V

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



LTE Band 38 / 20MHz / QPSK / Ant 0									
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	5172.00	-56.43	-25	-31.43	-81.07	-61.99	7.14	12.70	H
	7758.00	-52.52	-25	-27.52	-78.71	-55.82	8.30	11.60	H
	10344.00	-51.62	-25	-26.62	-82.84	-53.14	10.48	12.00	H
	12930.00	-43.16	-25	-18.16	-77.74	-44.86	11.80	13.50	H
	5172.00	-55.99	-25	-30.99	-81.13	-61.55	7.14	12.70	V
	7758.00	-47.38	-25	-22.38	-77	-50.68	8.30	11.60	V
	10344.00	-49.55	-25	-24.55	-82.57	-51.07	10.48	12.00	V
	12930.00	-36.65	-25	-11.65	-70.50	-38.35	11.80	13.50	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-59.94	-13	-46.94	-82.19	-66.79	5.65	12.50	H
	5208	-49.80	-13	-36.80	-74.71	-55.47	7.13	12.80	H
	6944	-55.00	-13	-42.00	-81.33	-58.40	8.40	11.80	H
	3472	-58.84	-13	-45.84	-80.89	-65.69	5.65	12.50	V
	5208	-50.26	-13	-37.26	-75.34	-55.93	7.13	12.80	V
	6944	-54.10	-13	-41.10	-81.16	-57.50	8.40	11.80	V

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



For Sample 2

LTE Band 13 / 5MHz / QPSK / Ant 0									
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	1559.5	-58.27	-42.15	-16.12	-70.05	-61.52	4.00	9.40	H
	2339.25	-62.35	-13	-49.35	-80.96	-65.92	4.88	10.60	H
	3119	-60.71	-13	-47.71	-81.03	-65.64	5.52	12.60	H
	1559.5	-56.25	-42.15	-14.10	-68.65	-59.50	4.00	9.40	V
	2339.25	-61.64	-13	-48.64	-80.62	-65.21	4.88	10.60	V
	3119	-59.15	-13	-46.15	-81.27	-64.08	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK / Ant 0									
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	1559.5	-59.06	-42.15	-16.91	-70.84	-62.31	4.00	9.40	H
	2339.25	-61.88	-13	-48.88	-80.49	-65.45	4.88	10.60	H
	3119	-60.41	-13	-47.41	-80.73	-65.34	5.52	12.60	H
	1559.5	-57.62	-42.15	-15.47	-70.02	-60.87	4.00	9.40	V
	2339.25	-61.62	-13	-48.62	-80.60	-65.19	4.88	10.60	V
	3119	-59.11	-13	-46.11	-81.23	-64.04	5.52	12.60	V

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



For Sample 3

LTE Band 13 / 5MHz / QPSK / Ant 0									
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	1559.5	-58.07	-42.15	-15.92	-69.85	-61.32	4.00	9.40	H
	2339.25	-59.65	-13	-46.65	-78.26	-63.22	4.88	10.60	H
	3119	-60.90	-13	-47.90	-81.22	-65.83	5.52	12.60	H
	1559.5	-58.36	-42.15	-16.21	-70.76	-61.61	4.00	9.40	V
	2339.25	-61.56	-13	-48.56	-80.54	-65.13	4.88	10.60	V
	3119	-58.96	-13	-45.96	-81.08	-63.89	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK / Ant 0									
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	1559.5	-59.42	-42.15	-17.27	-71.20	-62.67	4.00	9.40	H
	2339.25	-61.62	-13	-48.62	-80.23	-65.19	4.88	10.60	H
	3119	-60.78	-13	-47.78	-81.10	-65.71	5.52	12.60	H
	1560	-60.64	-42.15	-18.49	-73.04	-63.89	4.00	9.40	V
	2339.25	-61.68	-13	-48.68	-80.66	-65.25	4.88	10.60	V
	3119	-58.96	-13	-45.96	-81.08	-63.89	5.52	12.60	V

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