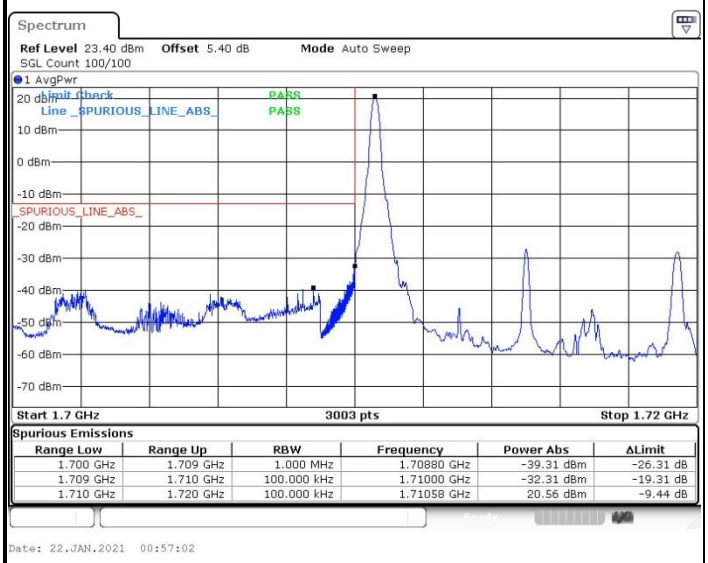
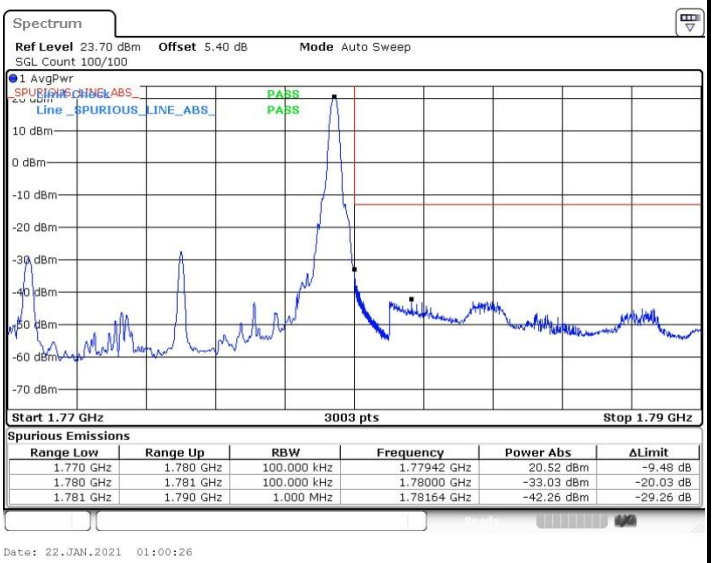
LTE Band 66 / 10MHz / 16QAM

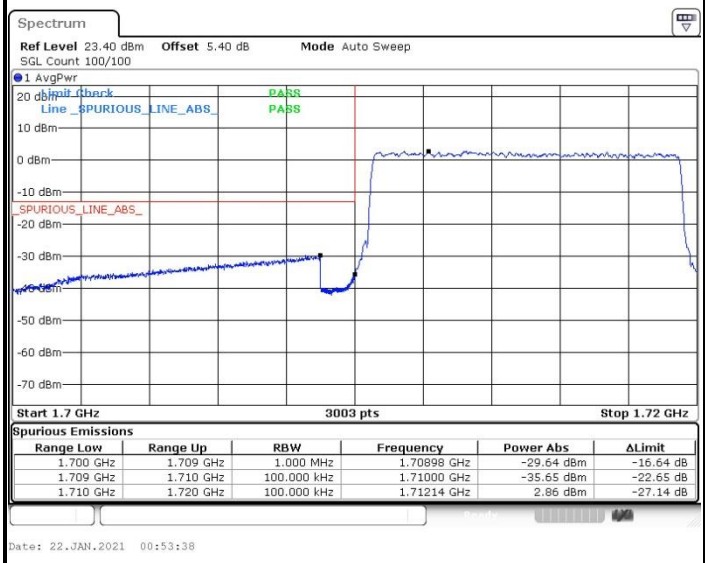
Lowest Band Edge / 1 RB



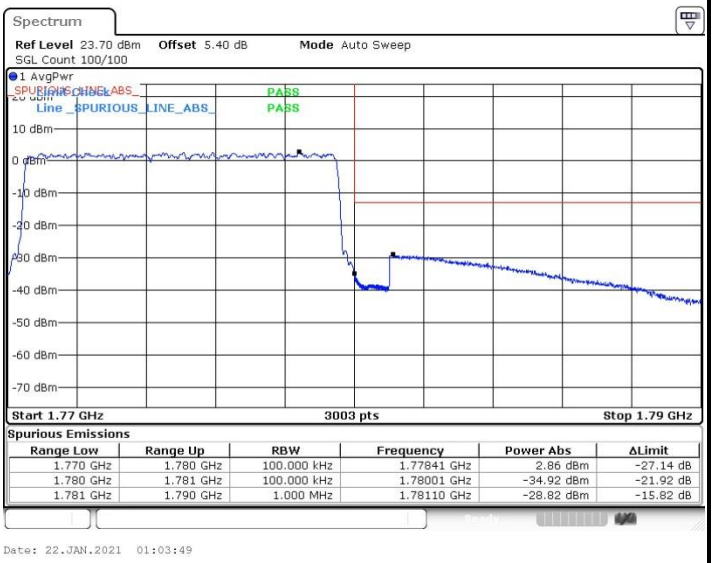
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

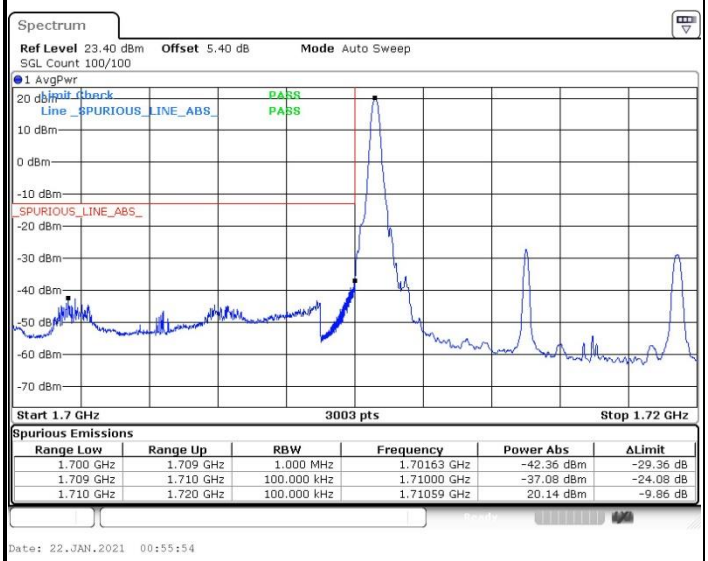


Highest Band Edge / Full RB

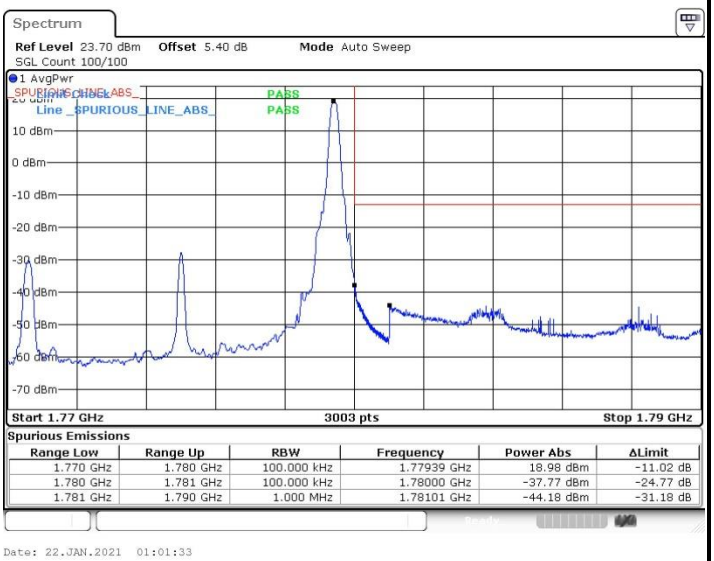


LTE Band 66 / 10MHz / 64QAM

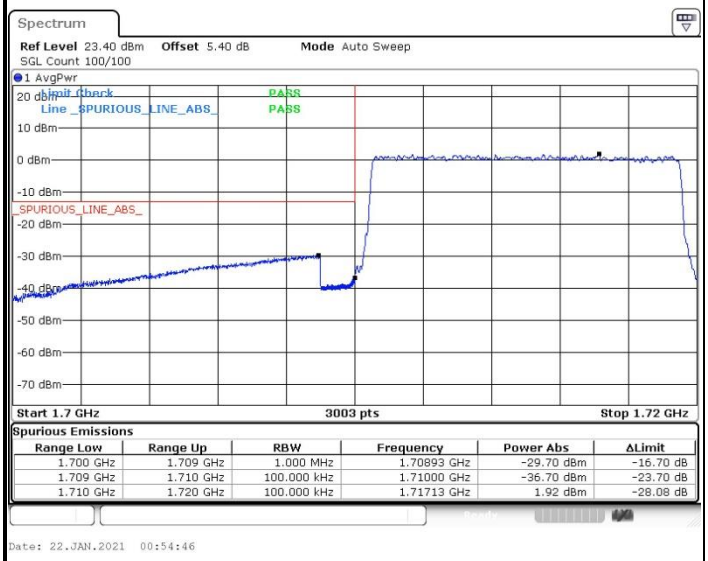
Lowest Band Edge / 1 RB



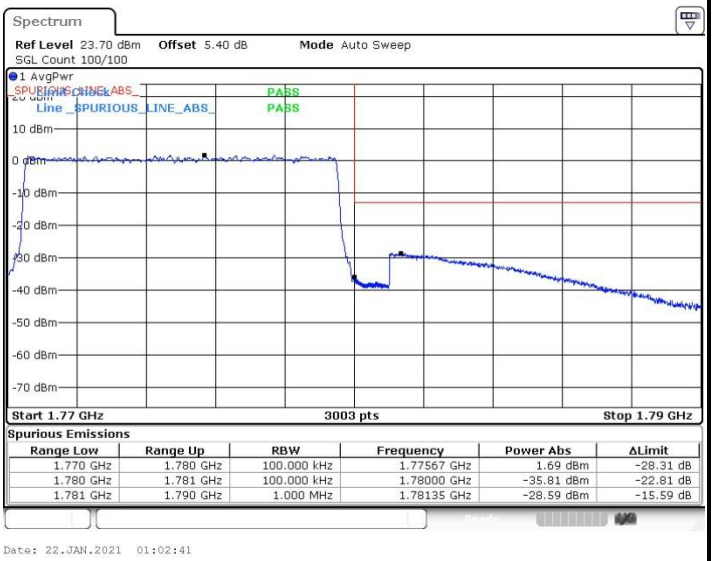
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

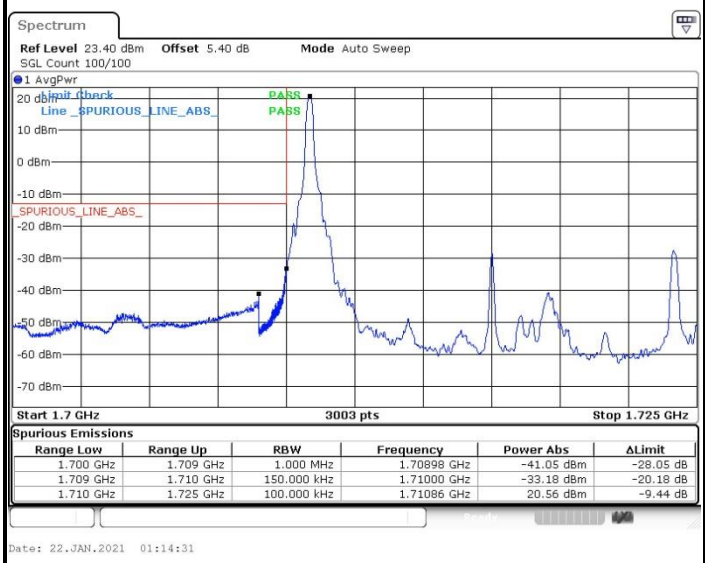


Highest Band Edge / Full RB



LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB

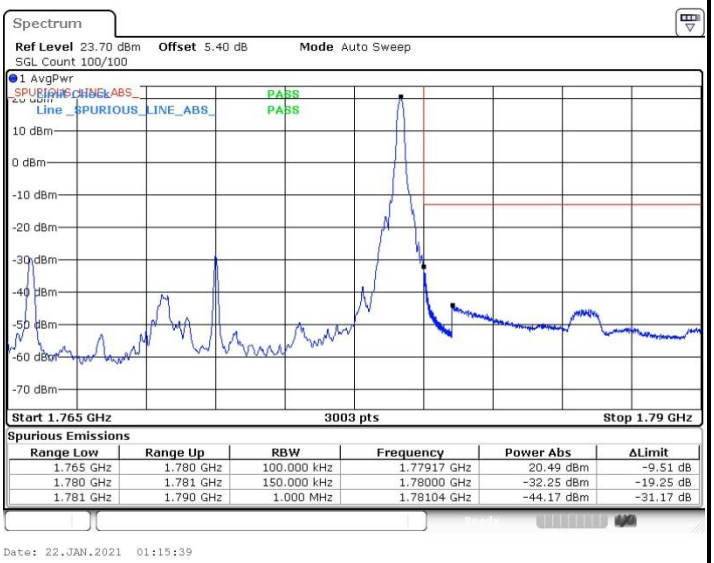


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-41.05 dBm	-28.05 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-33.18 dBm	-20.18 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71086 GHz	20.56 dBm	-9.44 dB

Date: 22.JAN.2021 01:14:31

Highest Band Edge / 1 RB

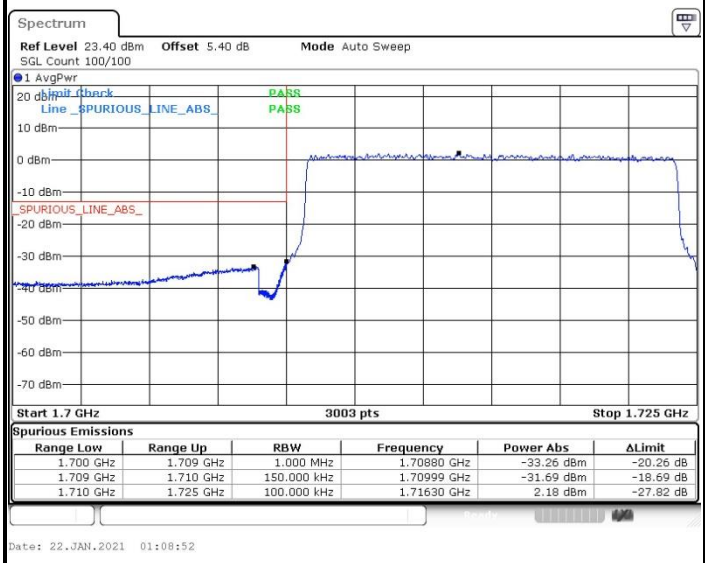


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77917 GHz	20.49 dBm	-9.51 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-32.25 dBm	-19.25 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-44.17 dBm	-31.17 dB

Date: 22.JAN.2021 01:15:39

Lowest Band Edge / Full RB

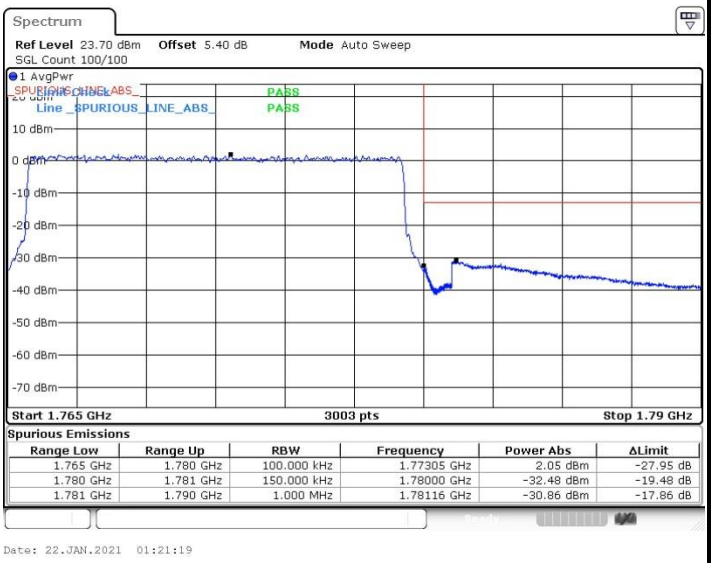


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70880 GHz	-33.26 dBm	-20.26 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-31.69 dBm	-18.69 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71630 GHz	2.18 dBm	-27.82 dB

Date: 22.JAN.2021 01:08:52

Highest Band Edge / Full RB

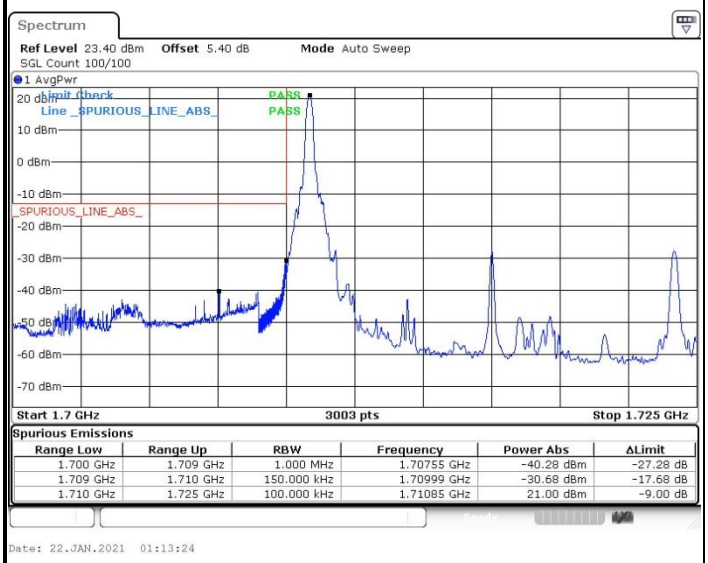


Spurious Emissions

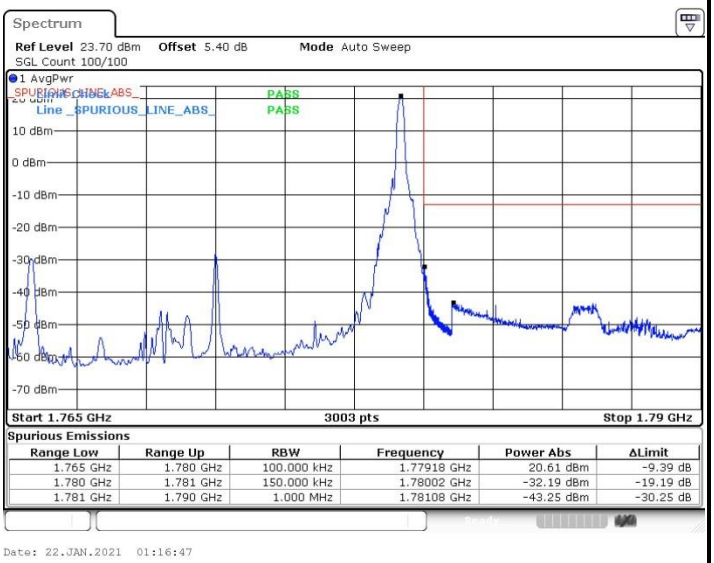
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77305 GHz	2.05 dBm	-27.95 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-32.48 dBm	-19.48 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78116 GHz	-30.86 dBm	-17.86 dB

Date: 22.JAN.2021 01:21:19

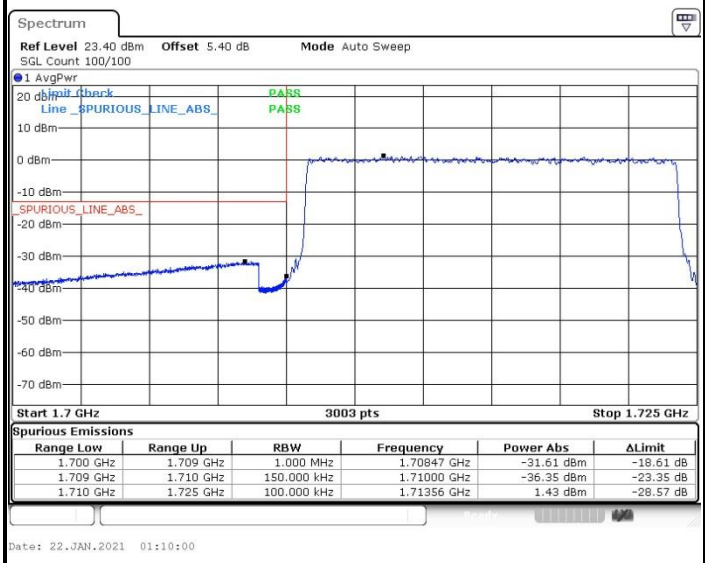
LTE Band 66 / 15MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



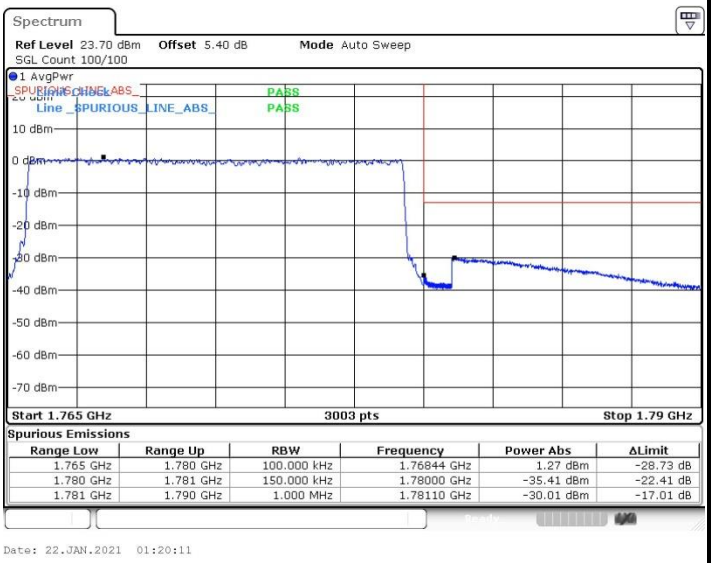
Date: 22.JAN.2021 01:13:24



Date: 22.JAN.2021 01:16:47



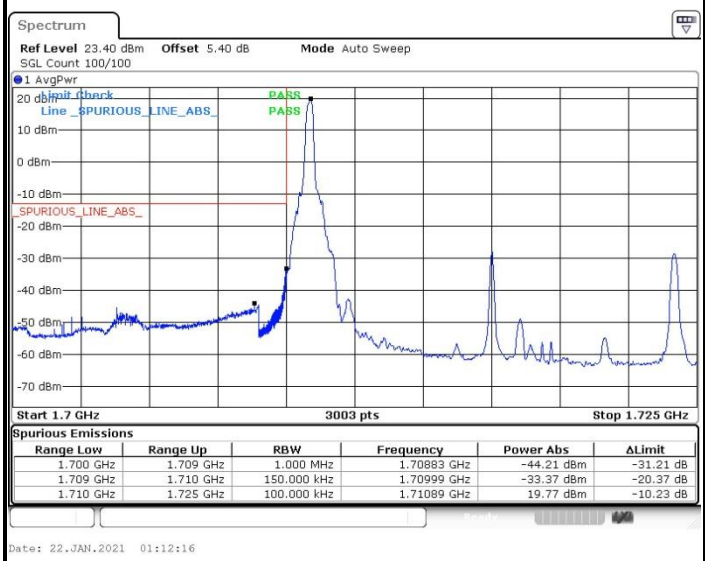
Date: 22.JAN.2021 01:10:00



Date: 22.JAN.2021 01:20:11

LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

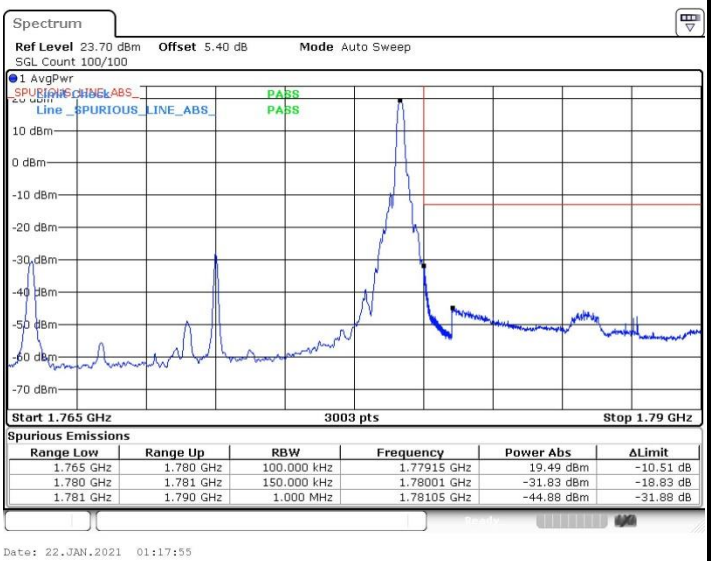


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70883 GHz	-44.21 dBm	-31.21 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-33.37 dBm	-20.37 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71089 GHz	19.77 dBm	-10.23 dB

Date: 22.JAN.2021 01:12:16

Highest Band Edge / 1 RB

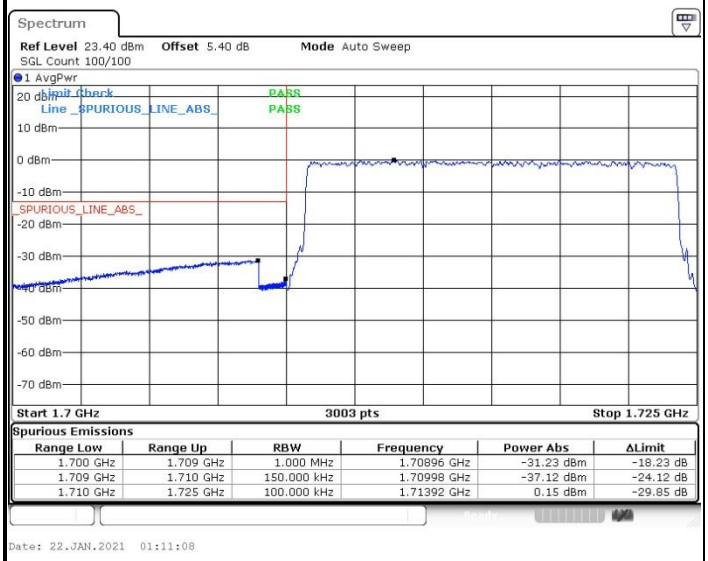


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77915 GHz	19.49 dBm	-10.51 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-31.83 dBm	-18.83 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-44.88 dBm	-31.88 dB

Date: 22.JAN.2021 01:17:55

Lowest Band Edge / Full RB

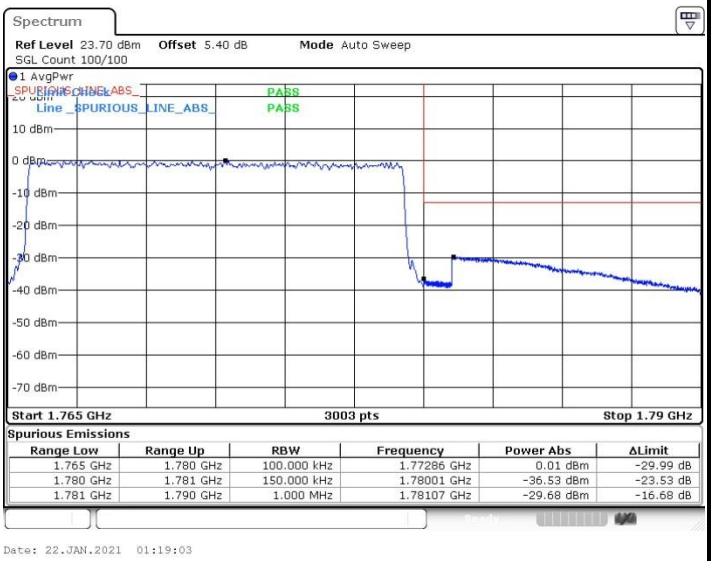


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-31.23 dBm	-18.23 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-37.12 dBm	-24.12 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71392 GHz	0.15 dBm	-29.85 dB

Date: 22.JAN.2021 01:11:08

Highest Band Edge / Full RB



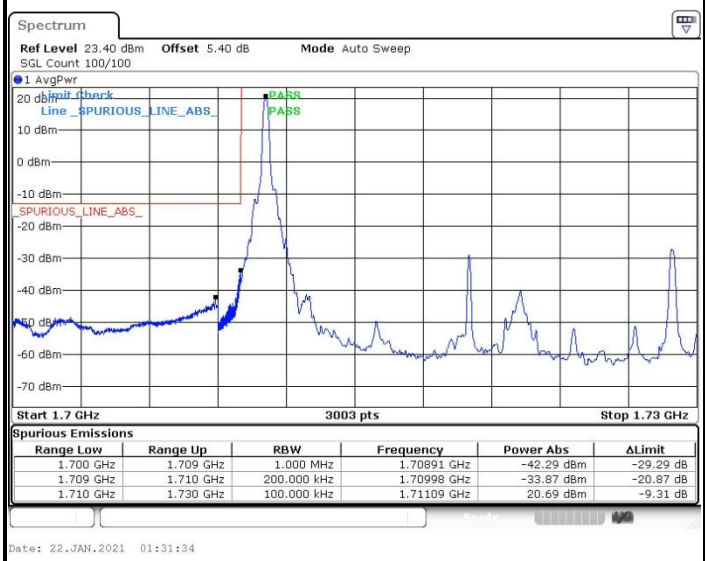
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77286 GHz	0.01 dBm	-29.99 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-36.53 dBm	-23.53 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78107 GHz	-29.68 dBm	-16.68 dB

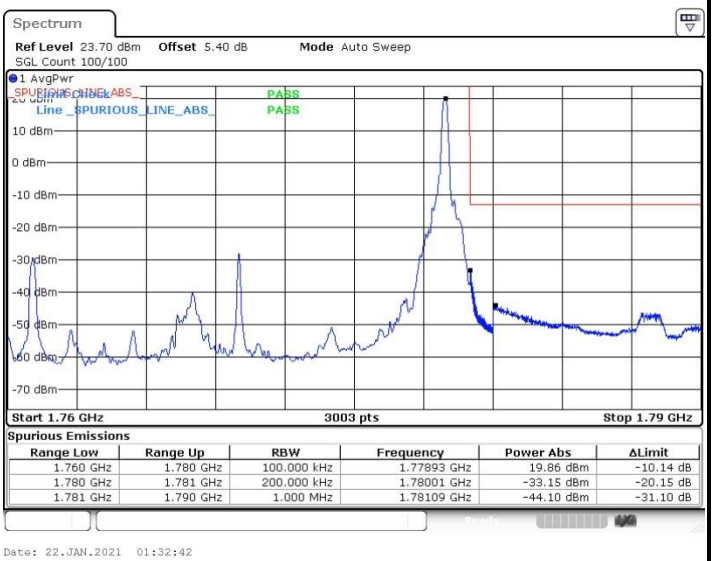
Date: 22.JAN.2021 01:19:03

LTE Band 66 / 20MHz / QPSK

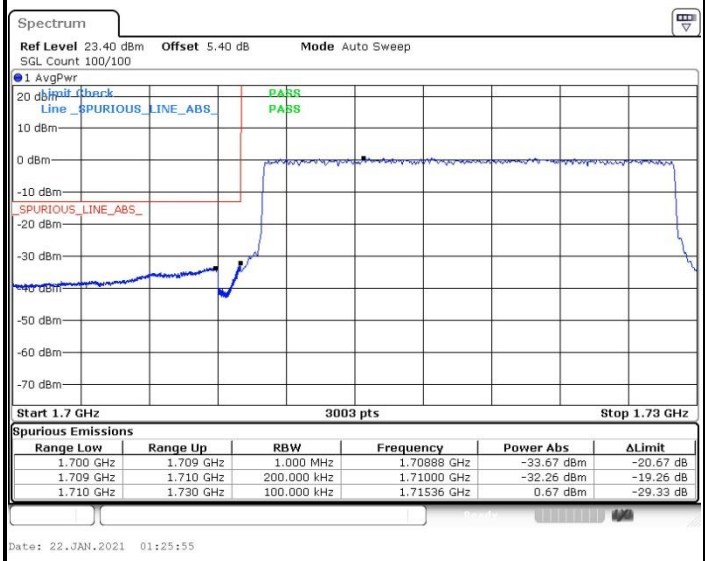
Lowest Band Edge / 1 RB



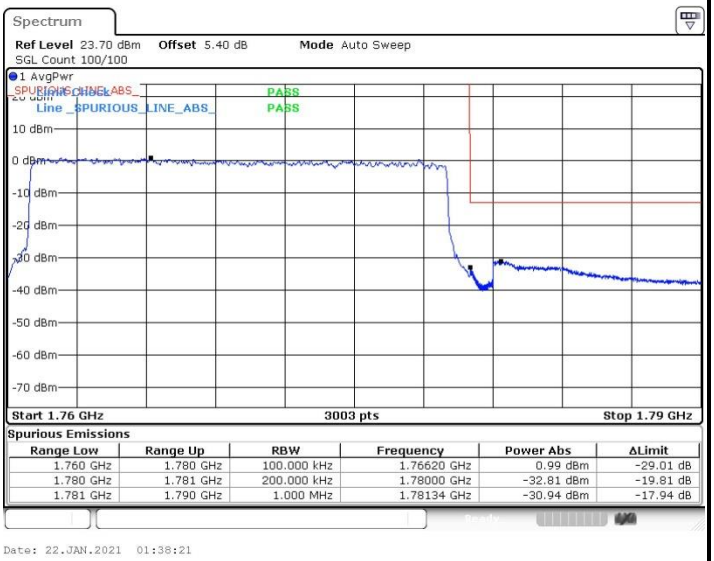
Highest Band Edge / 1 RB



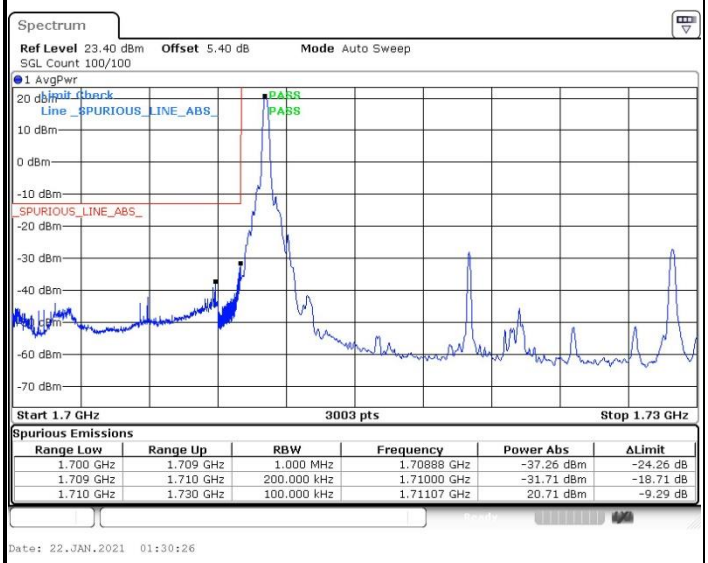
Lowest Band Edge / Full RB

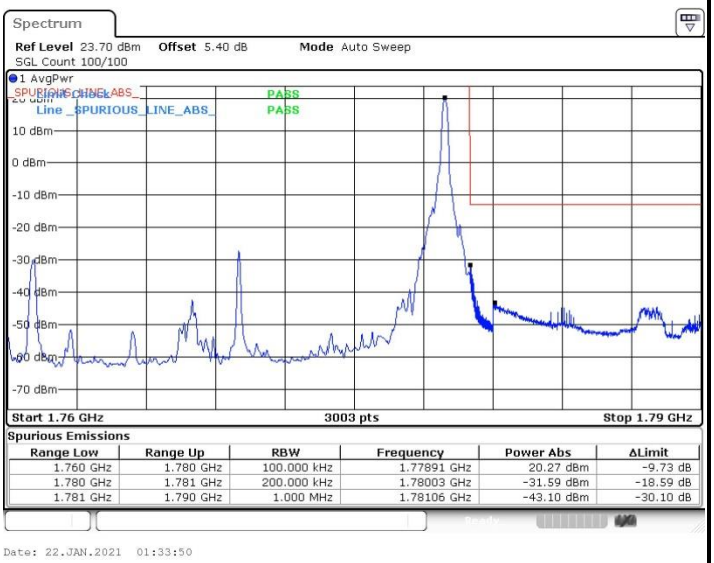


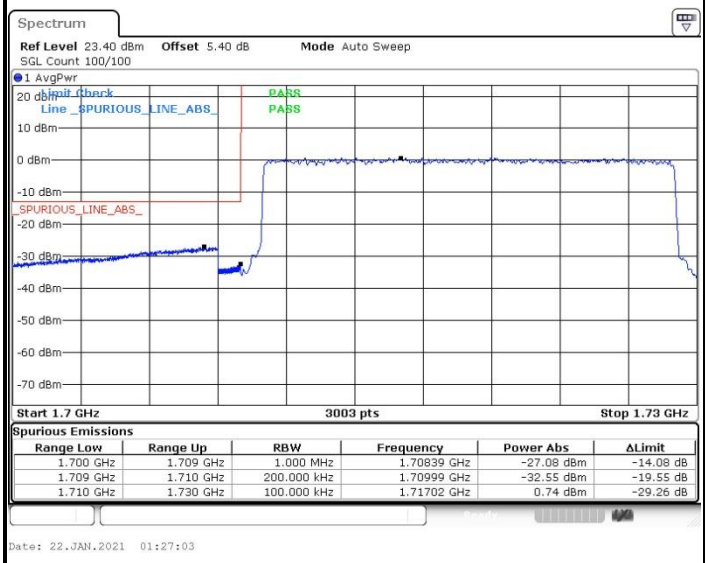
Highest Band Edge / Full RB

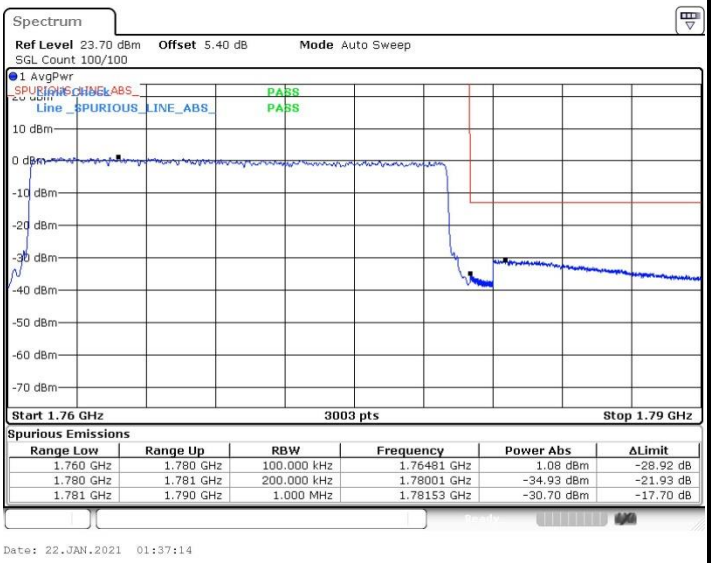


LTE Band 66 / 20MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



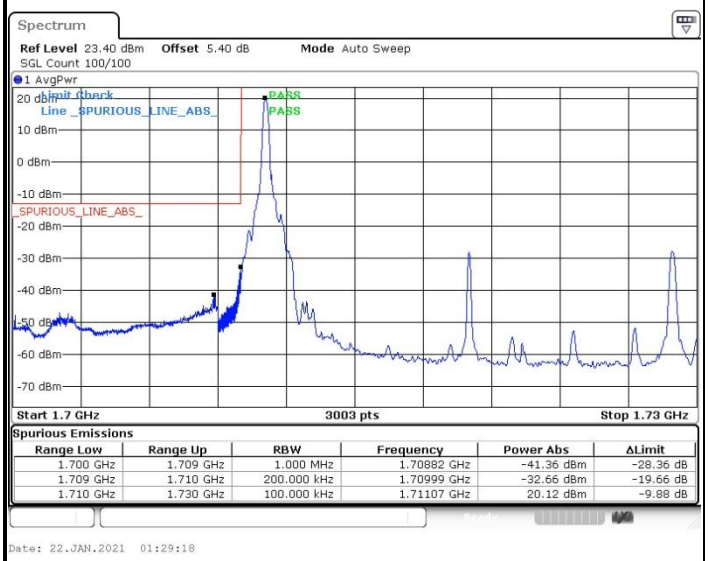






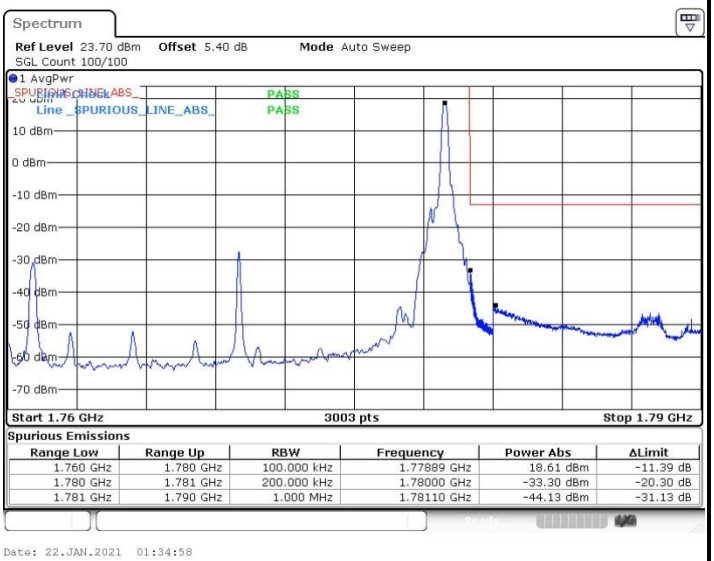
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



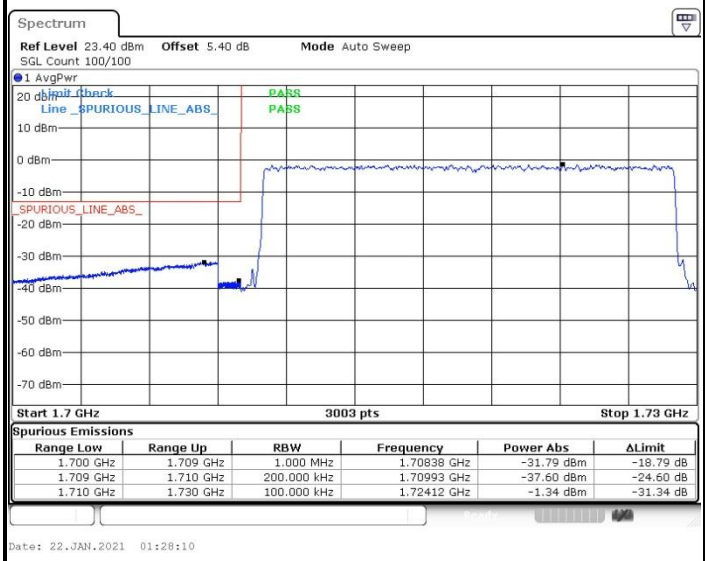
Date: 22.JAN.2021 01:29:18

Highest Band Edge / 1 RB



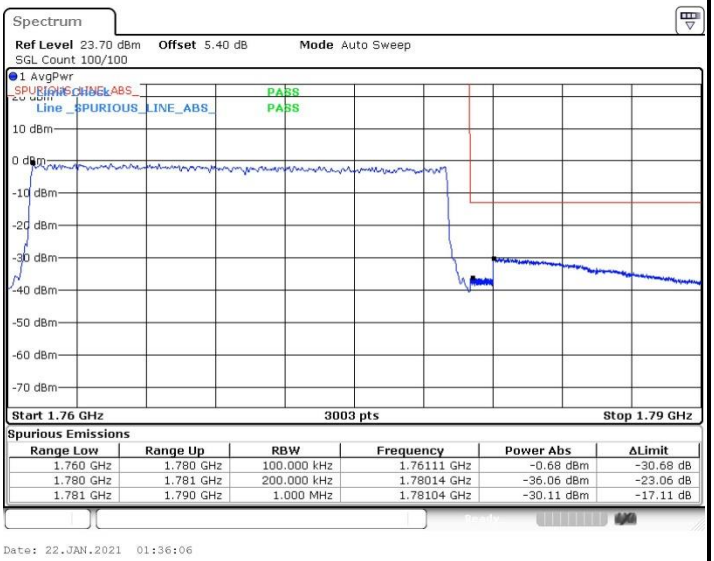
Date: 22.JAN.2021 01:34:58

Lowest Band Edge / Full RB



Date: 22.JAN.2021 01:28:10

Highest Band Edge / Full RB

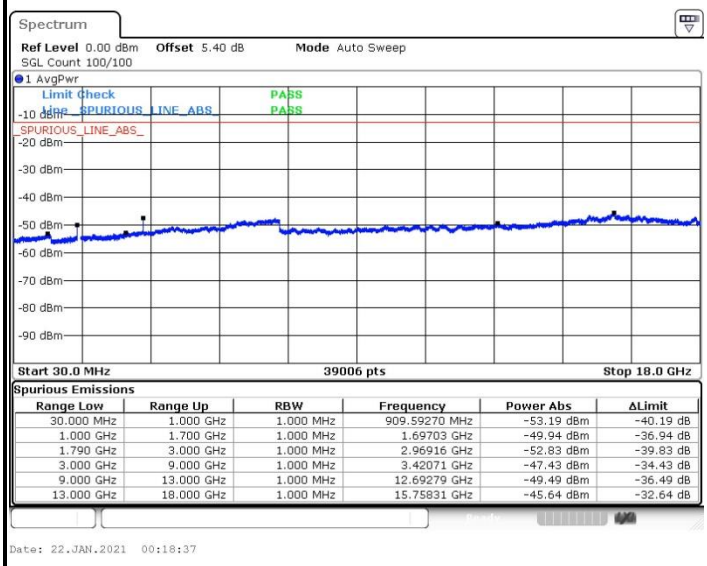


Date: 22.JAN.2021 01:36:06

Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

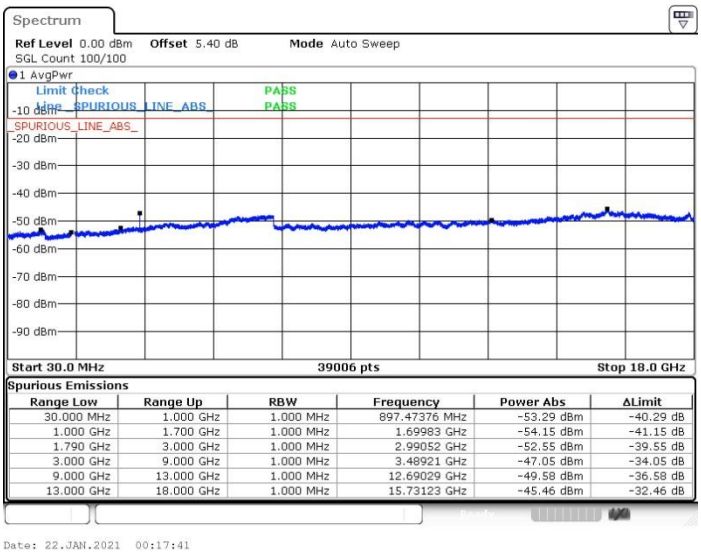


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-53.19 dBm	-40.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-49.94 dBm	-36.94 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96916 GHz	-52.83 dBm	-39.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-47.43 dBm	-34.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-49.49 dBm	-36.49 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75831 GHz	-45.64 dBm	-32.64 dB

Date: 22.JAN.2021 00:18:37

Middle Channel / QPSK

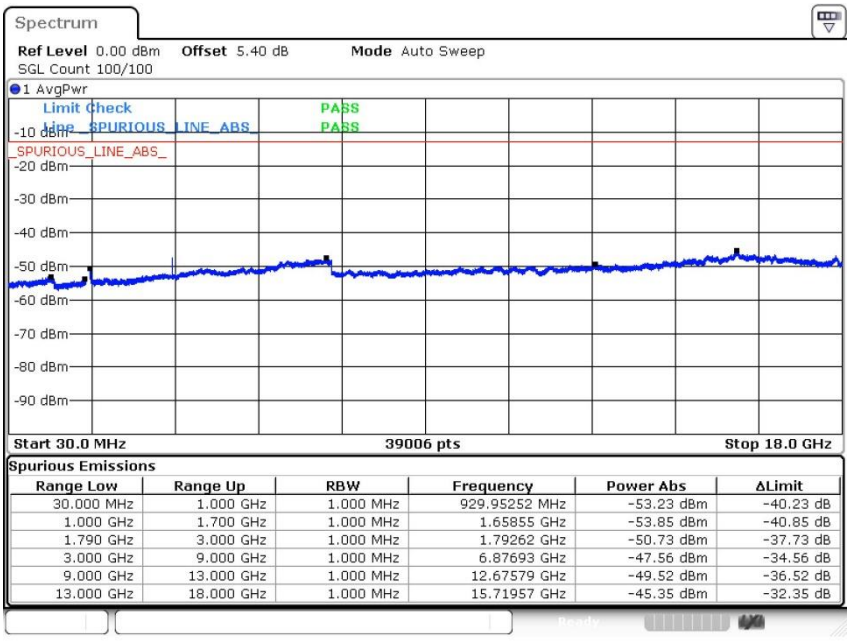


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-53.29 dBm	-40.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.15 dBm	-41.15 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99052 GHz	-52.55 dBm	-39.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48921 GHz	-47.05 dBm	-34.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69029 GHz	-49.58 dBm	-36.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73123 GHz	-45.46 dBm	-32.46 dB

Date: 22.JAN.2021 00:17:41

Highest Channel / QPSK



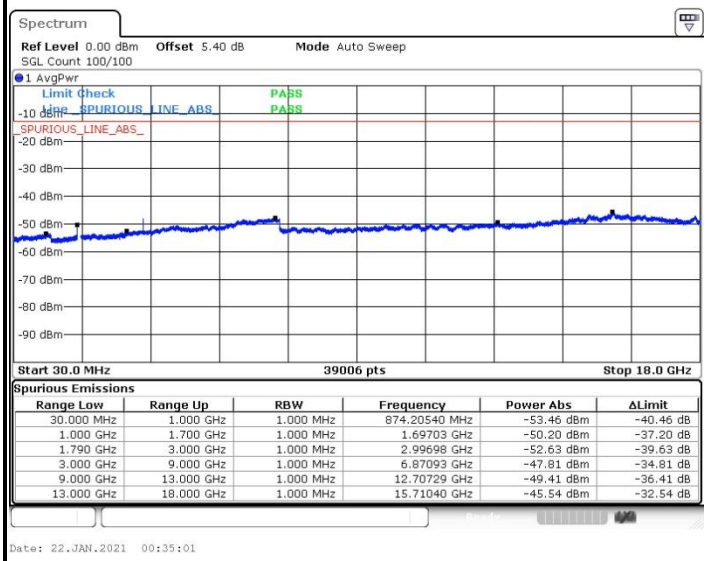
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-53.23 dBm	-40.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65855 GHz	-53.85 dBm	-40.85 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-50.73 dBm	-37.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87693 GHz	-47.56 dBm	-34.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67579 GHz	-49.52 dBm	-36.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71957 GHz	-45.35 dBm	-32.35 dB

Date: 22.JAN.2021 00:16:46

LTE Band 66 / 3MHz

Lowest Channel / QPSK

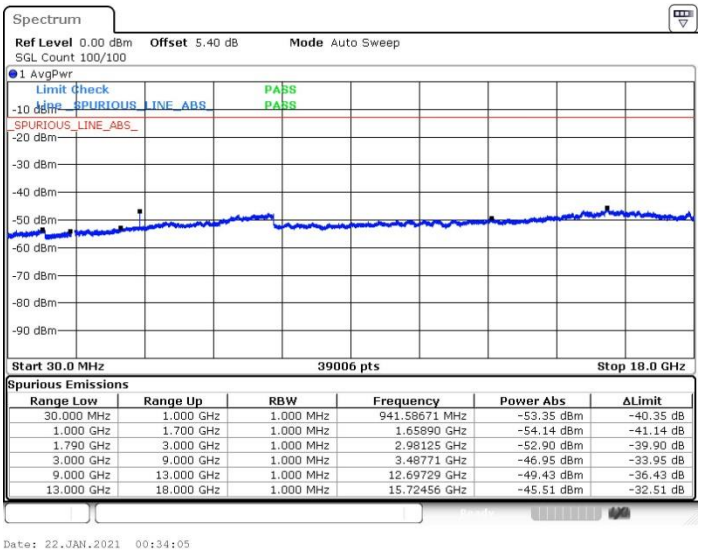


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-50.20 dBm	-37.20 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99698 GHz	-52.63 dBm	-39.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87093 GHz	-47.81 dBm	-34.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70729 GHz	-49.41 dBm	-36.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71040 GHz	-45.54 dBm	-32.54 dB

Date: 22.JAN.2021 00:35:01

Middle Channel / QPSK

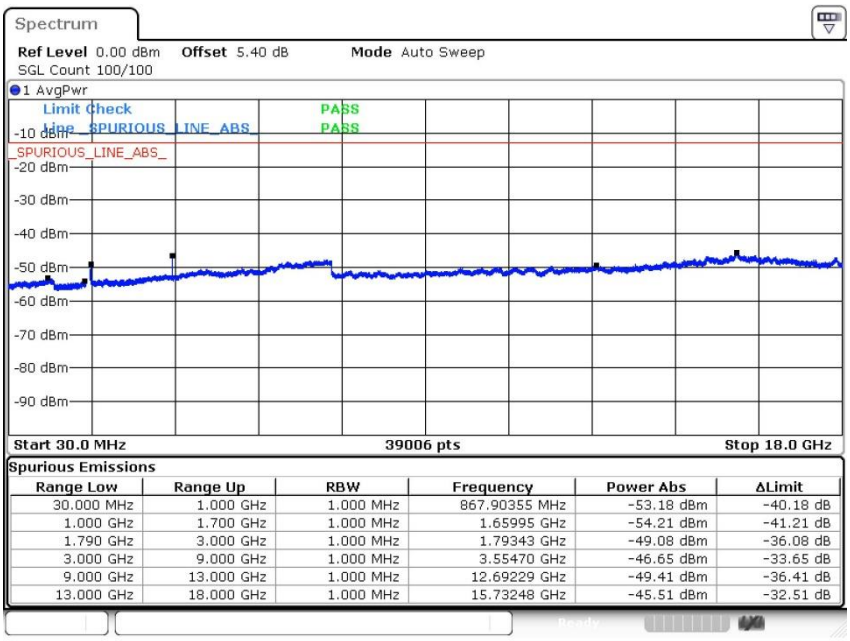


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-53.35 dBm	-40.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65890 GHz	-54.14 dBm	-41.14 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98125 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48771 GHz	-46.95 dBm	-33.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72456 GHz	-45.51 dBm	-32.51 dB

Date: 22.JAN.2021 00:34:05

Highest Channel / QPSK



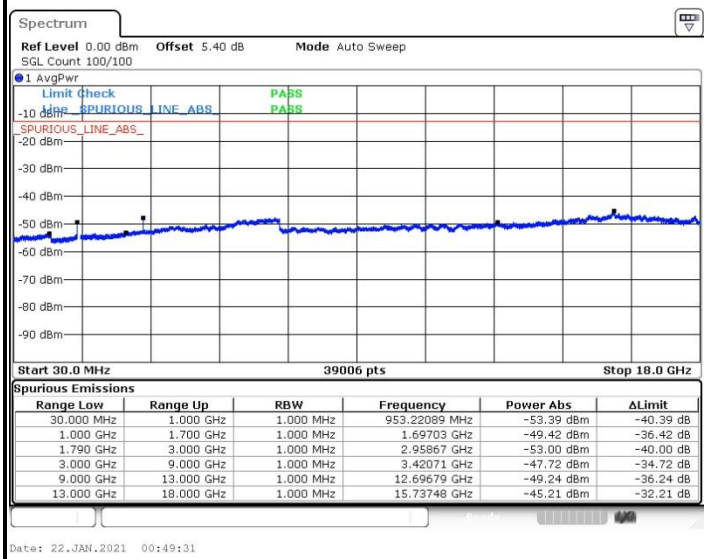
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-53.18 dBm	-40.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65995 GHz	-54.21 dBm	-41.21 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79343 GHz	-49.08 dBm	-36.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55470 GHz	-46.65 dBm	-33.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69229 GHz	-49.41 dBm	-36.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73248 GHz	-45.51 dBm	-32.51 dB

Date: 22.JAN.2021 00:33:09

LTE Band 66 / 5MHz

Lowest Channel / QPSK

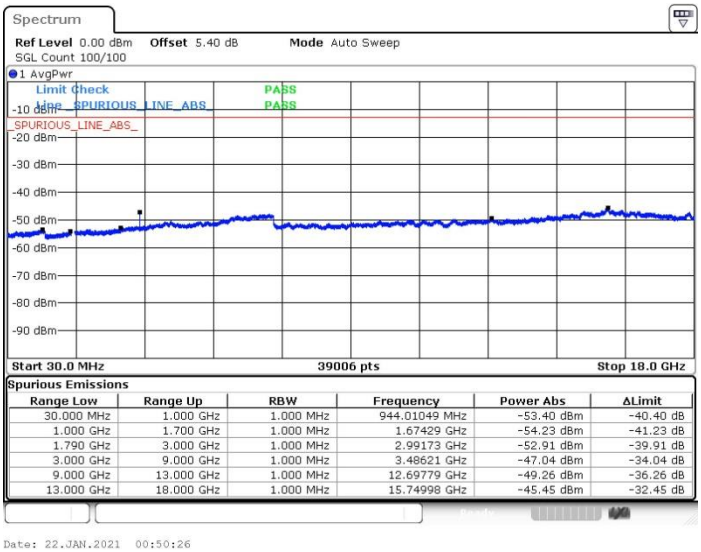


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-53.39 dBm	-40.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-49.42 dBm	-36.42 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95867 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-47.72 dBm	-34.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-49.24 dBm	-36.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73748 GHz	-45.21 dBm	-32.21 dB

Date: 22.JAN.2021 00:49:31

Middle Channel / QPSK

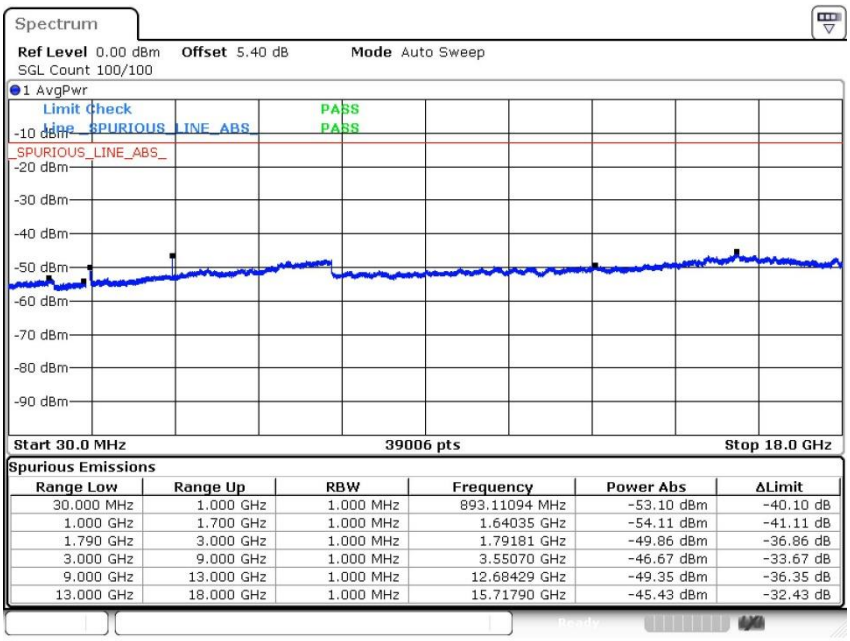


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-53.40 dBm	-40.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67429 GHz	-54.23 dBm	-41.23 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99173 GHz	-52.91 dBm	-39.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48621 GHz	-47.04 dBm	-34.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-49.26 dBm	-36.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74998 GHz	-45.45 dBm	-32.45 dB

Date: 22.JAN.2021 00:50:26

Highest Channel / QPSK



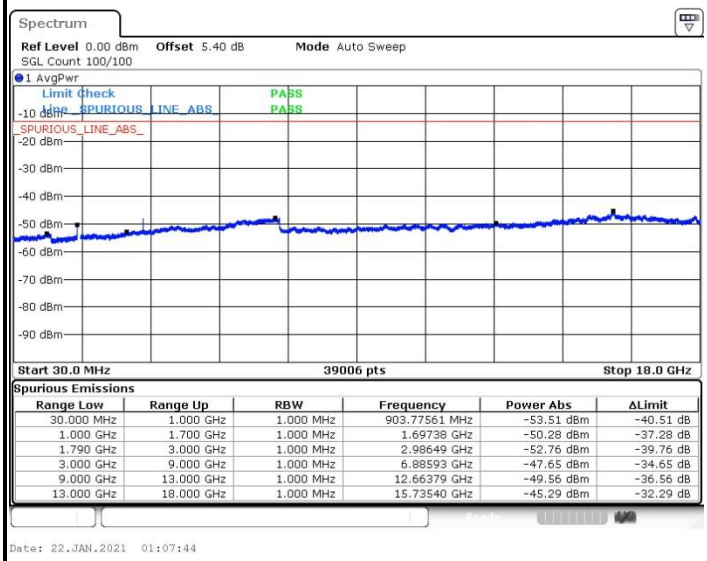
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.11094 MHz	-53.10 dBm	-40.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64035 GHz	-54.11 dBm	-41.11 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79181 GHz	-49.86 dBm	-36.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-46.67 dBm	-33.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68429 GHz	-49.35 dBm	-36.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71790 GHz	-45.43 dBm	-32.43 dB

Date: 22.JAN.2021 00:51:22

LTE Band 66 / 10MHz

Lowest Channel / QPSK

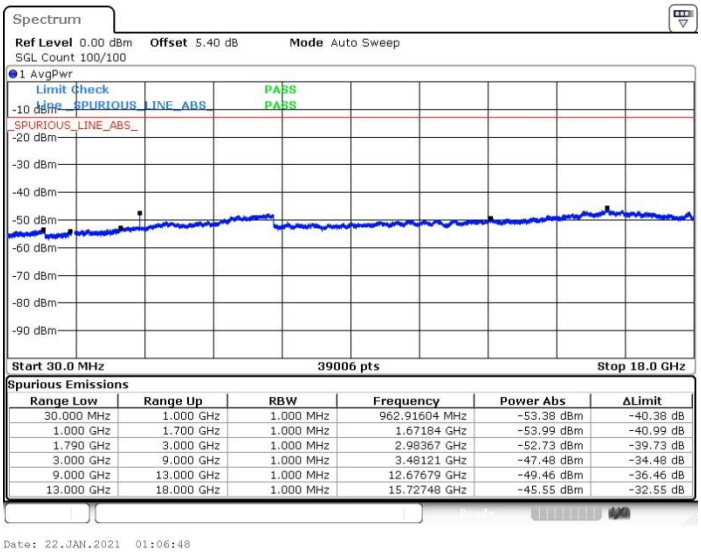


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-53.51 dBm	-40.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-50.28 dBm	-37.28 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98649 GHz	-52.76 dBm	-39.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88593 GHz	-47.65 dBm	-34.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66379 GHz	-49.56 dBm	-36.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73540 GHz	-45.29 dBm	-32.29 dB

Date: 22.JAN.2021 01:07:44

Middle Channel / QPSK

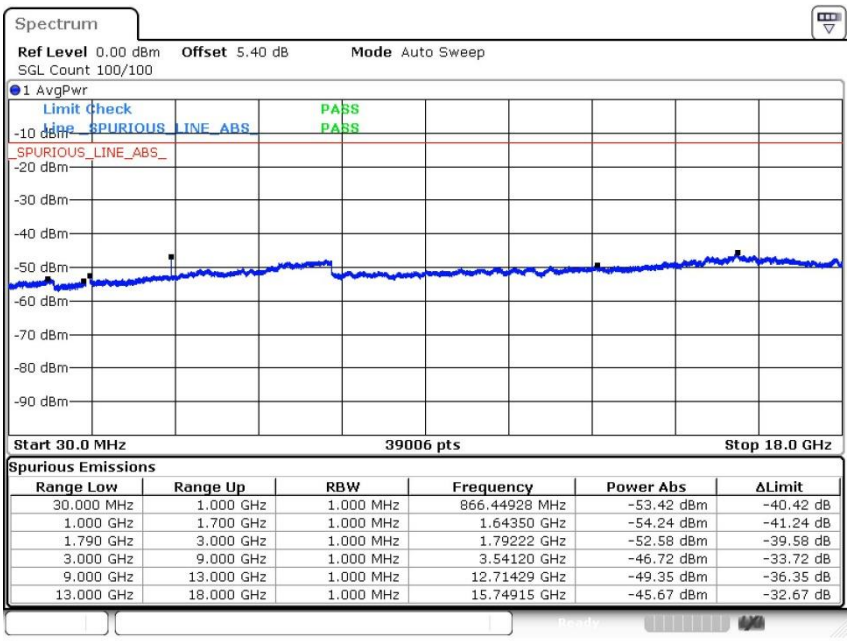


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-53.99 dBm	-40.99 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98367 GHz	-52.73 dBm	-39.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-47.48 dBm	-34.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67679 GHz	-49.46 dBm	-36.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72748 GHz	-45.55 dBm	-32.55 dB

Date: 22.JAN.2021 01:06:48

Highest Channel / QPSK



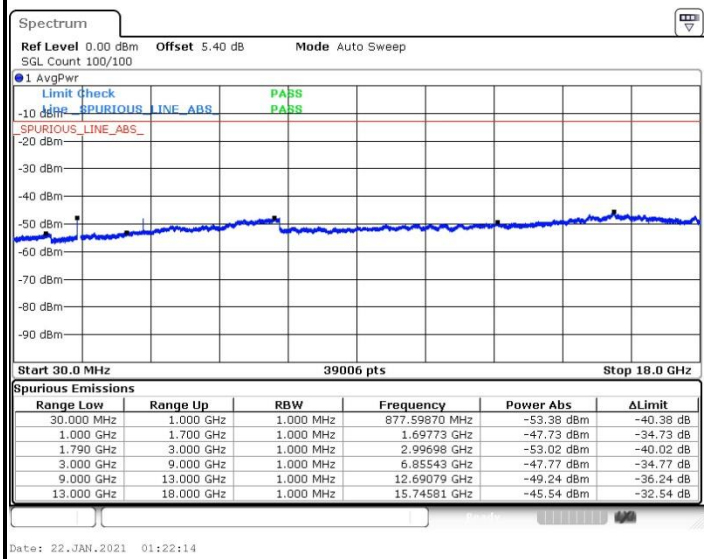
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.44928 MHz	-53.42 dBm	-40.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64350 GHz	-54.24 dBm	-41.24 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79222 GHz	-52.58 dBm	-39.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-46.72 dBm	-33.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71429 GHz	-49.35 dBm	-36.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74915 GHz	-45.67 dBm	-32.67 dB

Date: 22.JAN.2021 01:05:52

LTE Band 66 / 15MHz

Lowest Channel / QPSK

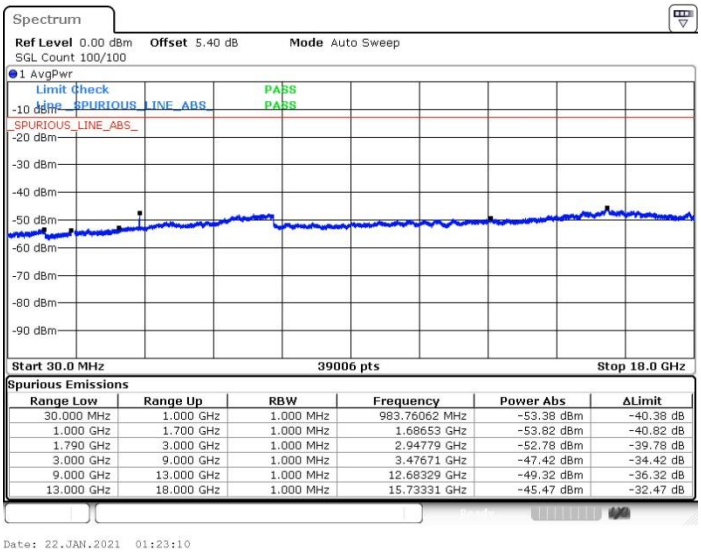


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-47.73 dBm	-34.73 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99698 GHz	-53.02 dBm	-40.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85543 GHz	-47.77 dBm	-34.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69079 GHz	-49.24 dBm	-36.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74581 GHz	-45.54 dBm	-32.54 dB

Date: 22.JAN.2021 01:22:14

Middle Channel / QPSK

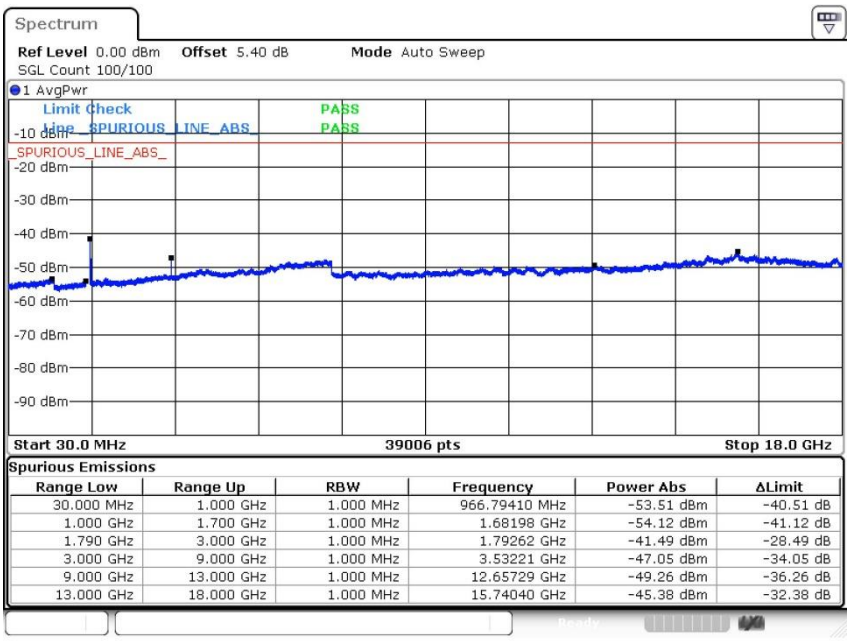


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68653 GHz	-53.82 dBm	-40.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94779 GHz	-52.78 dBm	-39.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-47.42 dBm	-34.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68329 GHz	-49.32 dBm	-36.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73331 GHz	-45.47 dBm	-32.47 dB

Date: 22.JAN.2021 01:23:10

Highest Channel / QPSK



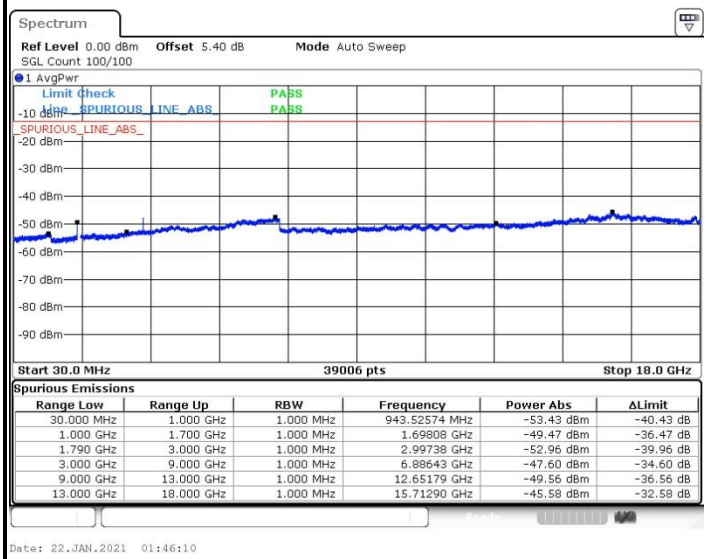
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-53.51 dBm	-40.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68198 GHz	-54.12 dBm	-41.12 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-41.49 dBm	-28.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53221 GHz	-47.05 dBm	-34.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65729 GHz	-49.26 dBm	-36.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74040 GHz	-45.38 dBm	-32.38 dB

Date: 22.JAN.2021 01:24:05

LTE Band 66 / 20MHz

Lowest Channel / QPSK

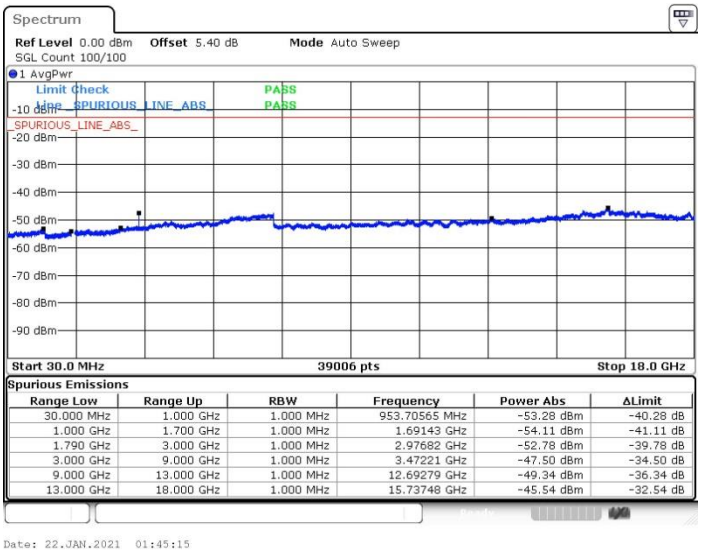


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-53.43 dBm	-40.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-49.47 dBm	-36.47 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99738 GHz	-52.96 dBm	-39.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88643 GHz	-47.60 dBm	-34.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65179 GHz	-49.56 dBm	-36.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71290 GHz	-45.58 dBm	-32.58 dB

Date: 22.JAN.2021 01:46:10

Middle Channel / QPSK

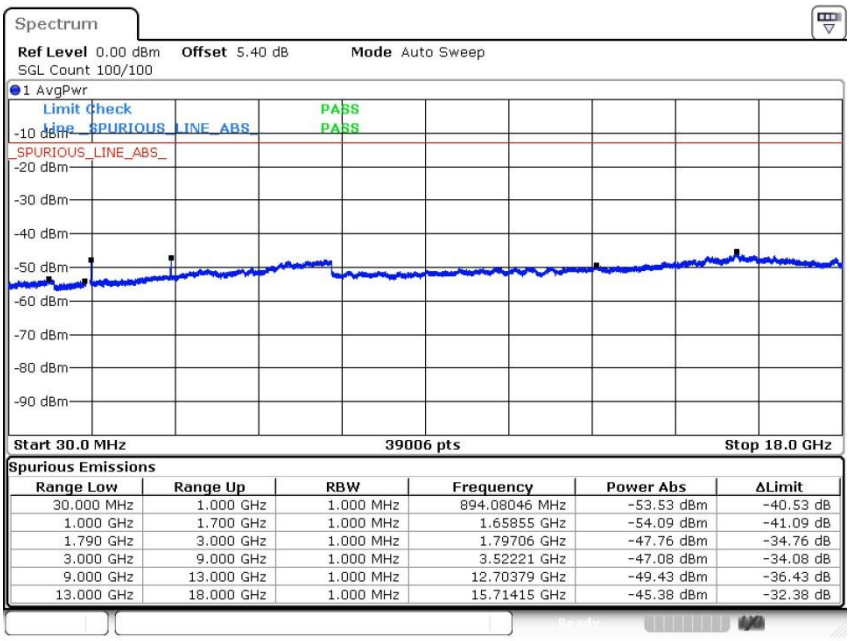


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-53.28 dBm	-40.28 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-54.11 dBm	-41.11 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97682 GHz	-52.78 dBm	-39.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-47.50 dBm	-34.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-49.34 dBm	-36.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73748 GHz	-45.54 dBm	-32.54 dB

Date: 22.JAN.2021 01:45:15

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65855 GHz	-54.09 dBm	-41.09 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-47.76 dBm	-34.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-47.08 dBm	-34.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70379 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71415 GHz	-45.38 dBm	-32.38 dB

Date: 22.JAN.2021 01:44:19

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	0.0015	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0005	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 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	3741	-53.40	-13	-40.40	-65.66	2.64	14.90	H
	5613	-51.00	-13	-38.00	-62.86	2.94	14.80	H
	7488	-49.37	-13	-36.37	-59.14	3.39	13.16	H
	3741	-53.39	-13	-40.39	-65.65	2.64	14.90	V
	5613	-50.83	-13	-37.83	-62.69	2.94	14.80	V
	7488	-49.25	-13	-36.25	-59.02	3.39	13.16	V

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

LTE Band 5 / 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-61.50	-13	-48.50	-68.47	1.58	10.70	H
	2496	-57.26	-13	-44.26	-65.51	2.102	12.50	H
	3330	-57.50	-13	-44.50	-66.39	2.856	13.90	H
	1664	-61.43	-13	-48.43	-68.40	1.58	10.70	V
	2496	-56.51	-13	-43.51	-64.76	2.10	12.50	V
	3330	-57.12	-13	-44.12	-66.01	2.86	13.90	V

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

LTE Band 7 / 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	5052	-52.61	-25	-27.61	-62.82	3.03	13.24	H
	7580	-60.90	-25	-35.90	-70.35	3.56	13.01	H
	10100	-53.52	-25	-28.52	-63.04	3.92	13.44	H
	12630	-43.02	-25	-18.02	-52.94	4.44	14.36	H
	15160	-54.20	-25	-29.20	-64.57	4.77	15.14	H
	5052	-58.99	-25	-33.99	-69.20	3.03	13.24	V
	7580	-63.42	-25	-38.42	-72.87	3.56	13.01	V
	10100	-56.53	-25	-31.53	-66.05	3.92	13.44	V
	12630	-53.52	-25	-28.52	-63.44	4.44	14.36	V
	15160	-52.93	-25	-27.93	-63.30	4.77	15.14	V

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

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-67.21	-13	-54.21	-74.18	1.58	10.70	H
	2110	-61.48	-13	-48.48	-69.73	2.10	12.50	H
	2812	-59.00	-13	-46.00	-67.89	2.86	13.90	H
	3516	-58.40	-13	-45.40	-68.36	3.46	15.57	H
	1406	-66.97	-13	-53.97	-73.94	1.58	10.70	V
	2110	-59.70	-13	-46.70	-67.95	2.10	12.50	V
	2812	-58.40	-13	-45.40	-67.29	2.86	13.90	V
	3516	-57.83	-13	-44.83	-67.79	3.46	15.57	V

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

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-65.34	-42.15	-23.19	-67.97	1.09	5.87	H
	2340	-60.37	-13	-47.37	-62.77	1.37	5.92	H
	3120	-58.63	-13	-45.63	-62.52	1.64	7.68	H
	1560	-60.13	-42.15	-17.98	-62.76	1.09	5.87	V
	2340	-59.29	-13	-46.29	-61.69	1.37	5.92	V
	3120	-58.18	-13	-45.18	-62.07	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-65.48	-13	-52.48	-68.11	1.09	5.87	H
	2332	-60.35	-13	-47.35	-62.75	1.37	5.92	H
	3108	-58.66	-13	-45.66	-62.55	1.64	7.68	H
	1556	-65.26	-13	-52.26	-67.89	1.09	5.87	V
	2332	-59.17	-13	-46.17	-61.57	1.37	5.92	V
	3108	-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								
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	-56.74	-13	-43.74	-67.48	2.604	13.34	H
	5208	-51.28	-13	-38.28	-61.79	3.011	13.52	H
	6948	-48.99	-13	-35.99	-59.19	3.271	13.47	H
	8676	-44.36	-13	-31.36	-51.33	5.527	12.5	H
	3471	-56.04	-13	-43.04	-66.78	2.604	13.34	V
	5208	-51.10	-13	-38.10	-61.61	3.011	13.52	V
	6948	-48.79	-13	-35.79	-58.99	3.271	13.47	V
	8676	-45.89	-13	-32.89	-52.86	5.527	12.50	V

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