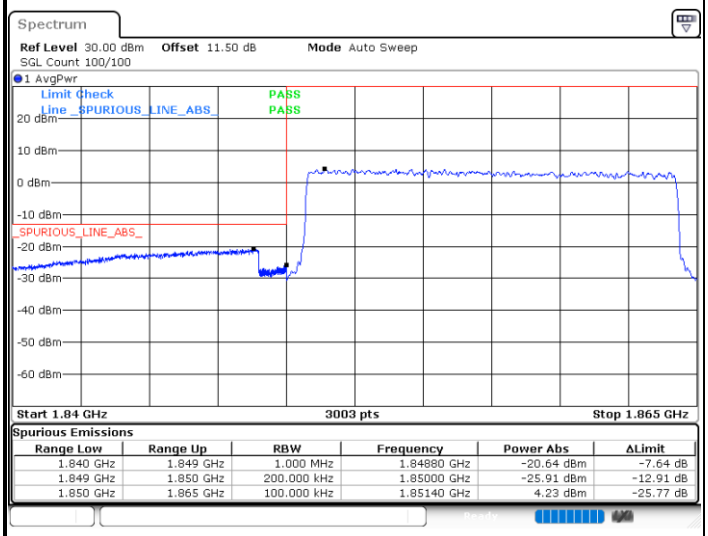
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB

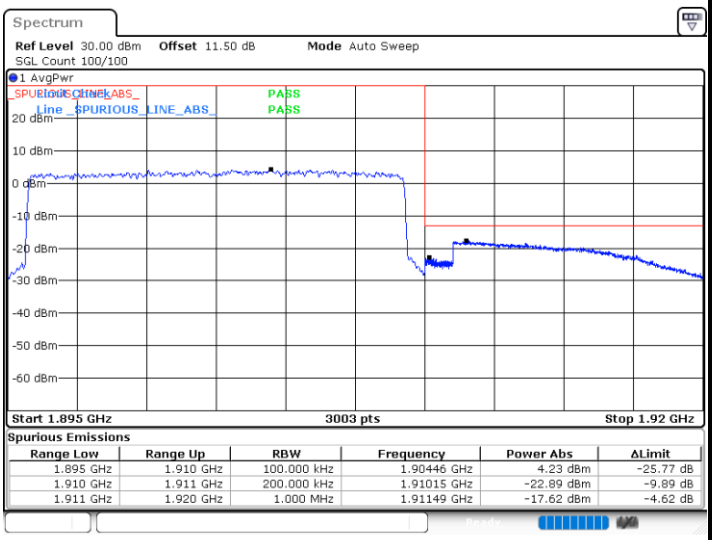


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84880 GHz	-20.64 dBm	-7.64 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-25.91 dBm	-12.91 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85140 GHz	4.23 dBm	-25.77 dB

Date: 4.JAN.2023 14:47:03

Highest Band Edge / Full RB



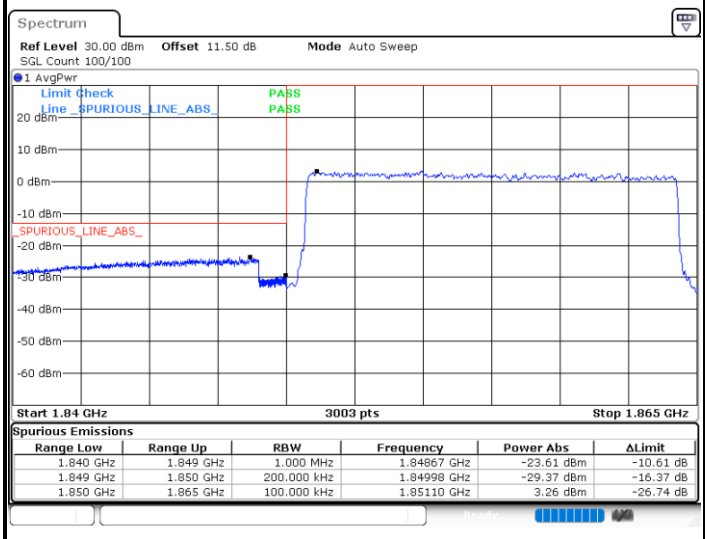
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90446 GHz	4.23 dBm	-25.77 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91015 GHz	-22.89 dBm	-9.89 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91149 GHz	-17.62 dBm	-4.62 dB

Date: 4.JAN.2023 14:50:23

LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / Full RB

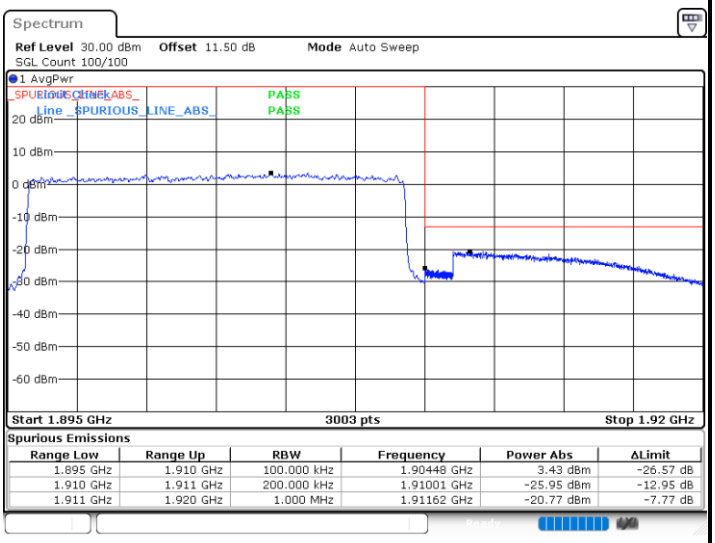


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84867 GHz	-23.61 dBm	-10.61 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-29.37 dBm	-16.37 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85110 GHz	3.26 dBm	-26.74 dB

Date: 4.JAN.2023 14:47:56

Highest Band Edge / Full RB



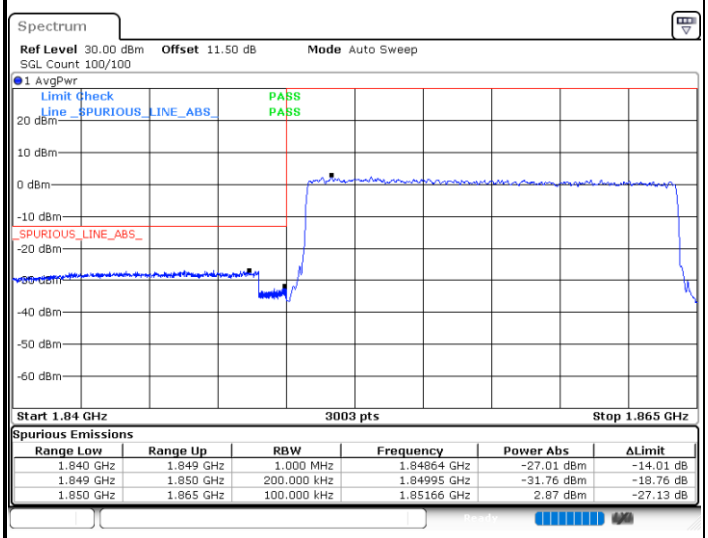
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90448 GHz	3.43 dBm	-26.57 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-25.95 dBm	-12.95 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91162 GHz	-20.77 dBm	-7.77 dB

Date: 4.JAN.2023 14:51:17

LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / Full RB

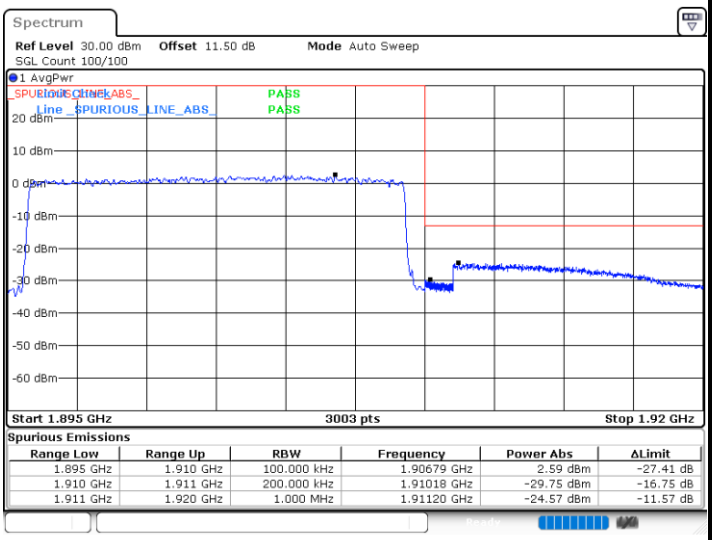


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84864 GHz	-27.01 dBm	-14.01 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-31.76 dBm	-18.76 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85166 GHz	2.87 dBm	-27.13 dB

Date: 4.JAN.2023 14:52:10

Highest Band Edge / Full RB



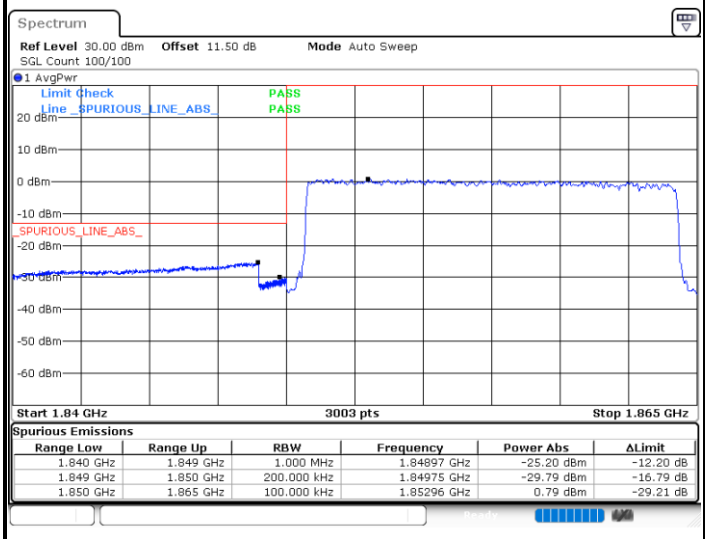
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90679 GHz	2.59 dBm	-27.41 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91018 GHz	-29.75 dBm	-16.75 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91120 GHz	-24.57 dBm	-11.57 dB

Date: 4.JAN.2023 14:57:29

LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / Full RB

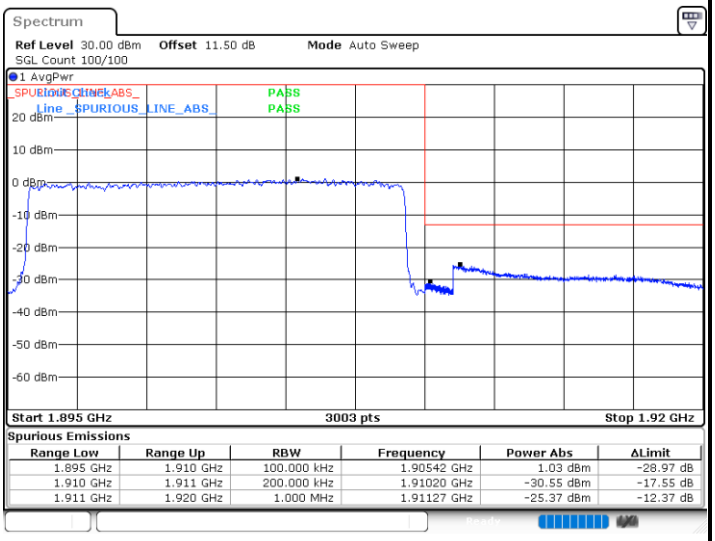


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-25.20 dBm	-12.20 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84975 GHz	-29.79 dBm	-16.79 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85296 GHz	0.79 dBm	-29.21 dB

Date: 4.JAN.2023 15:35:05

Highest Band Edge / Full RB



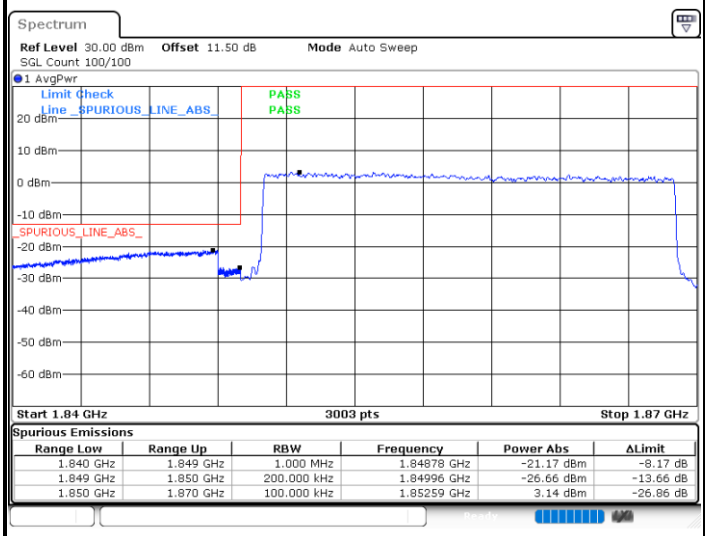
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90542 GHz	1.03 dBm	-28.97 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91020 GHz	-30.55 dBm	-17.55 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91127 GHz	-25.37 dBm	-12.37 dB

Date: 4.JAN.2023 15:36:49

LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB

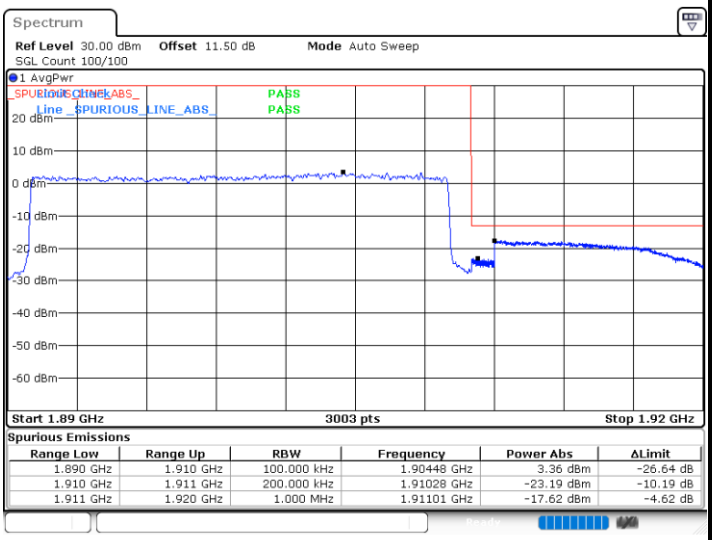


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84878 GHz	-21.17 dBm	-8.17 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84996 GHz	-26.66 dBm	-13.66 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85259 GHz	3.14 dBm	-26.86 dB

Date: 4.JAN.2023 14:58:23

Highest Band Edge / Full RB



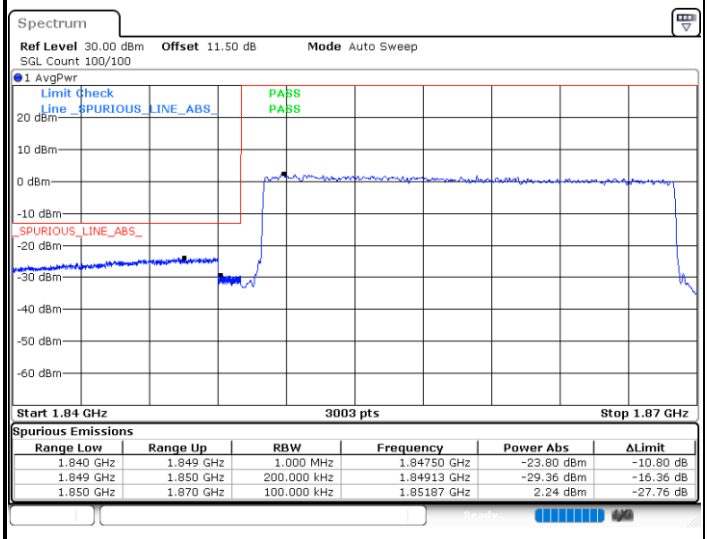
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90448 GHz	3.36 dBm	-26.64 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91028 GHz	-23.19 dBm	-10.19 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-17.62 dBm	-4.62 dB

Date: 4.JAN.2023 15:01:43

LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / Full RB

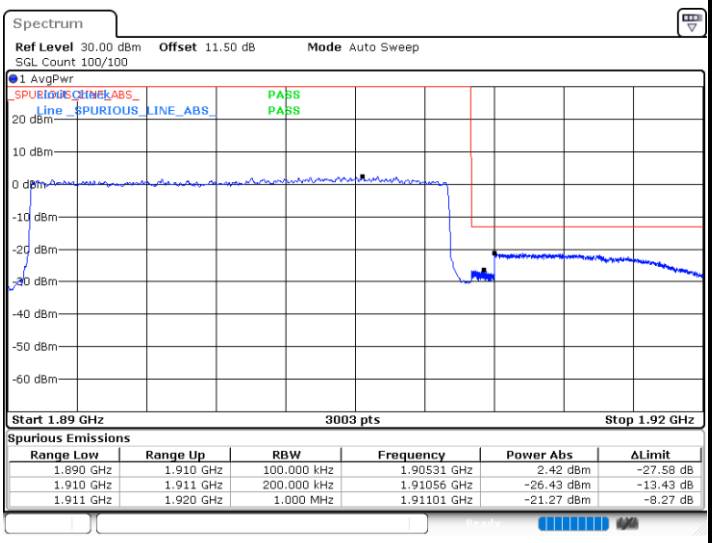


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84750 GHz	-23.80 dBm	-10.80 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84913 GHz	-29.36 dBm	-16.36 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85187 GHz	2.24 dBm	-27.76 dB

Date: 4.JAN.2023 14:59:16

Highest Band Edge / Full RB



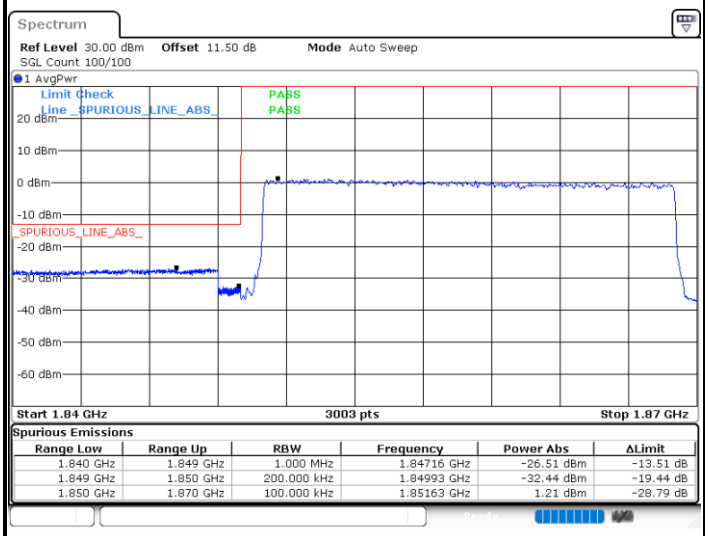
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90531 GHz	2.42 dBm	-27.58 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91056 GHz	-26.43 dBm	-13.43 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-21.27 dBm	-8.27 dB

Date: 4.JAN.2023 15:02:36

LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / Full RB

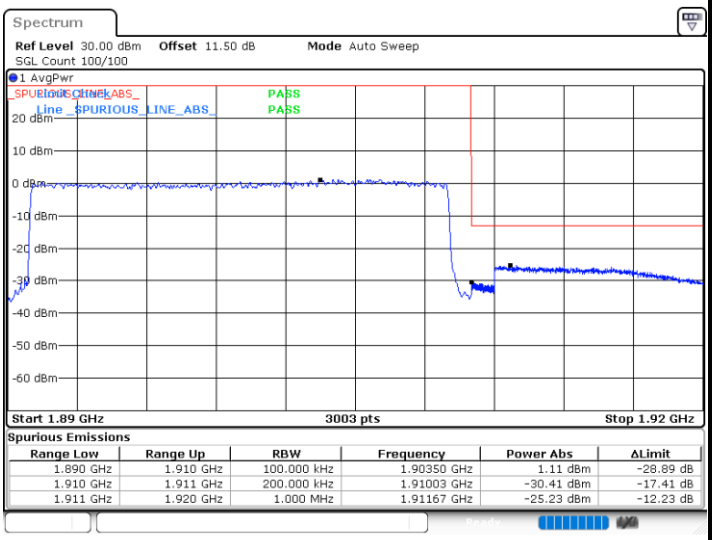


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84716 GHz	-26.51 dBm	-13.51 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84993 GHz	-32.44 dBm	-19.44 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85163 GHz	1.21 dBm	-28.79 dB

Date: 4.JAN.2023 15:03:30

Highest Band Edge / Full RB



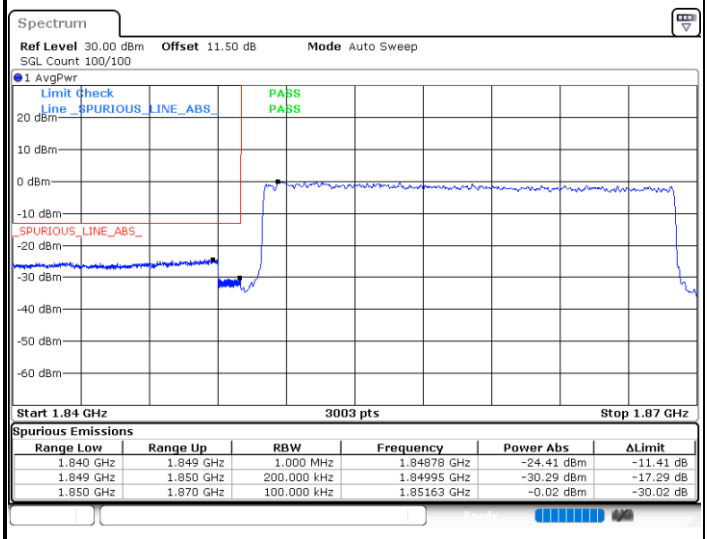
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90350 GHz	1.11 dBm	-28.89 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-30.41 dBm	-17.41 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91167 GHz	-25.23 dBm	-12.23 dB

Date: 4.JAN.2023 15:05:10

LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / Full RB

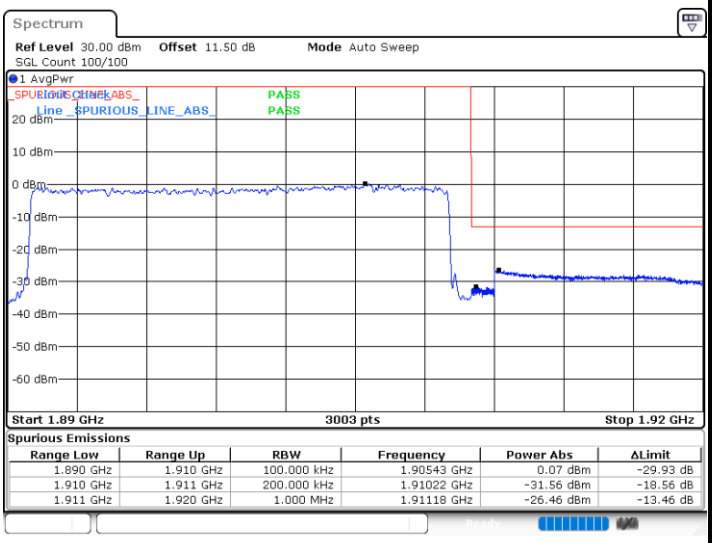


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84878 GHz	-24.41 dBm	-11.41 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-30.29 dBm	-17.29 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85163 GHz	-0.02 dBm	-30.02 dB

Date: 4.JAN.2023 15:37:54

Highest Band Edge / Full RB



Spurious Emissions

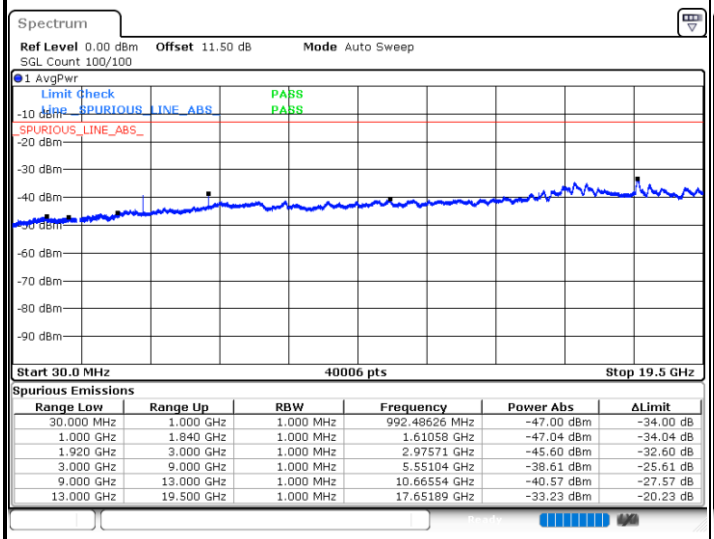
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90543 GHz	0.07 dBm	-29.93 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91022 GHz	-31.56 dBm	-18.56 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91118 GHz	-26.46 dBm	-13.46 dB

Date: 4.JAN.2023 15:39:37

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

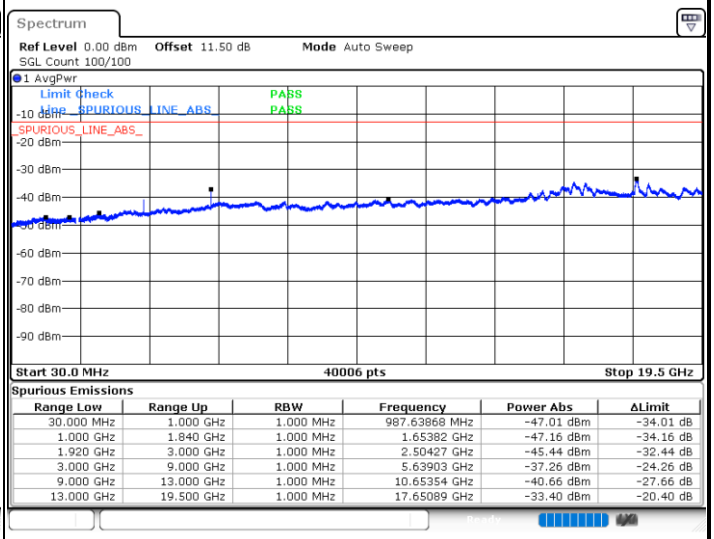


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.00 dBm	-34.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61058 GHz	-47.04 dBm	-34.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-45.60 dBm	-32.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55104 GHz	-38.61 dBm	-25.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66554 GHz	-40.57 dBm	-27.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65189 GHz	-33.23 dBm	-20.23 dB

Date: 4.JAN.2023 14:04:38

Middle Channel / QPSK

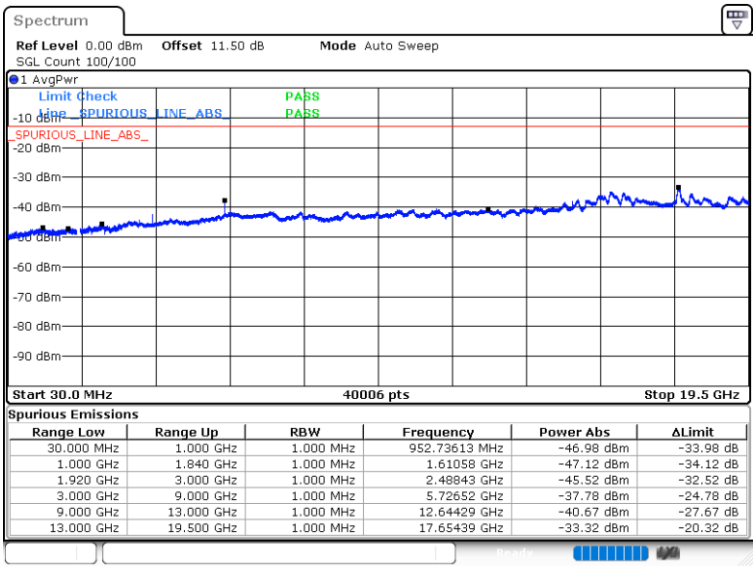


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-47.01 dBm	-34.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65382 GHz	-47.16 dBm	-34.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50427 GHz	-45.44 dBm	-32.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.63903 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65354 GHz	-40.66 dBm	-27.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65089 GHz	-33.40 dBm	-20.40 dB

Date: 4.JAN.2023 14:07:25

Highest Channel / QPSK



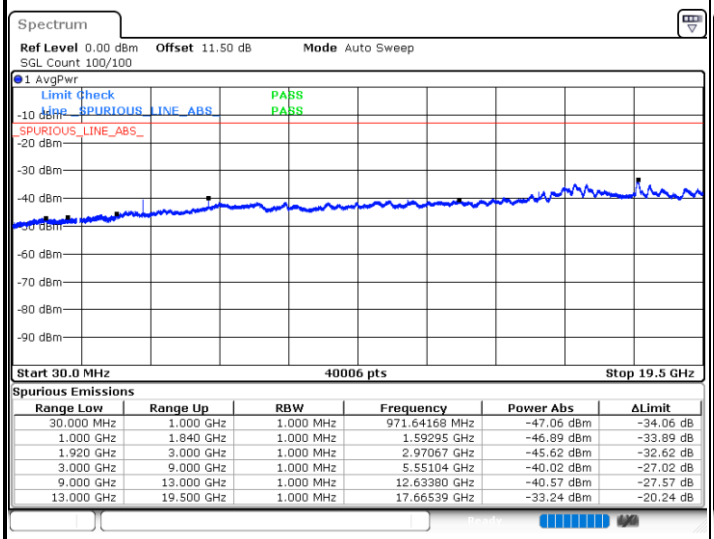
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61058 GHz	-47.12 dBm	-34.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.48843 GHz	-45.52 dBm	-32.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.72652 GHz	-37.78 dBm	-24.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64429 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65439 GHz	-33.32 dBm	-20.32 dB

Date: 4.JAN.2023 14:12:11

LTE Band 2 / 3MHz

Lowest Channel / QPSK

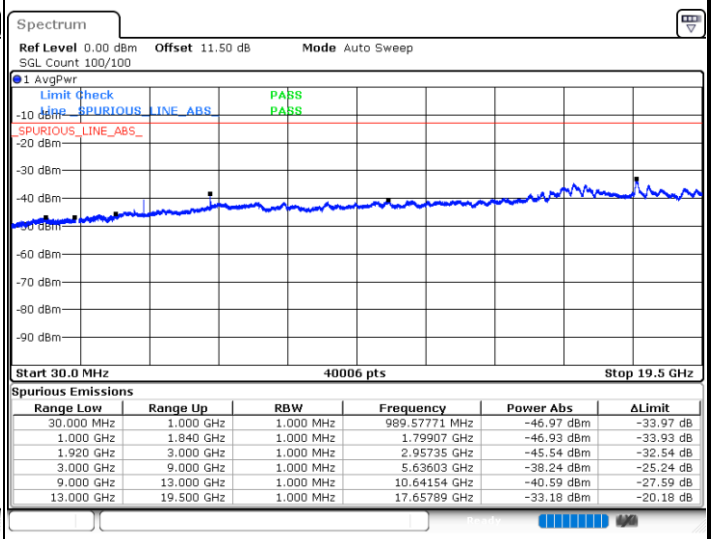


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-47.06 dBm	-34.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59295 GHz	-46.89 dBm	-33.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97067 GHz	-45.62 dBm	-32.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55104 GHz	-40.02 dBm	-27.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63380 GHz	-40.57 dBm	-27.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66539 GHz	-33.24 dBm	-20.24 dB

Date: 4.JAN.2023 14:16:45

Middle Channel / QPSK

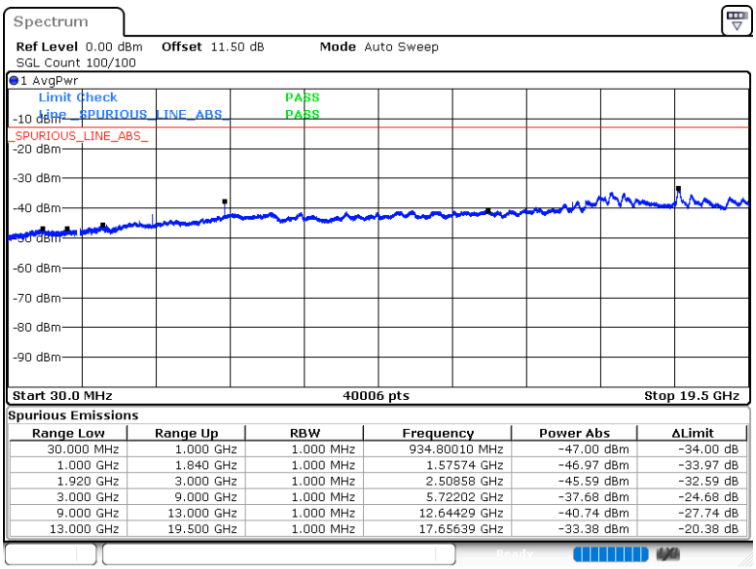


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-46.97 dBm	-33.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79907 GHz	-46.93 dBm	-33.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95735 GHz	-45.54 dBm	-32.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.63603 GHz	-38.24 dBm	-25.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.64154 GHz	-40.59 dBm	-27.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65789 GHz	-33.18 dBm	-20.18 dB

Date: 4.JAN.2023 14:17:57

Highest Channel / QPSK



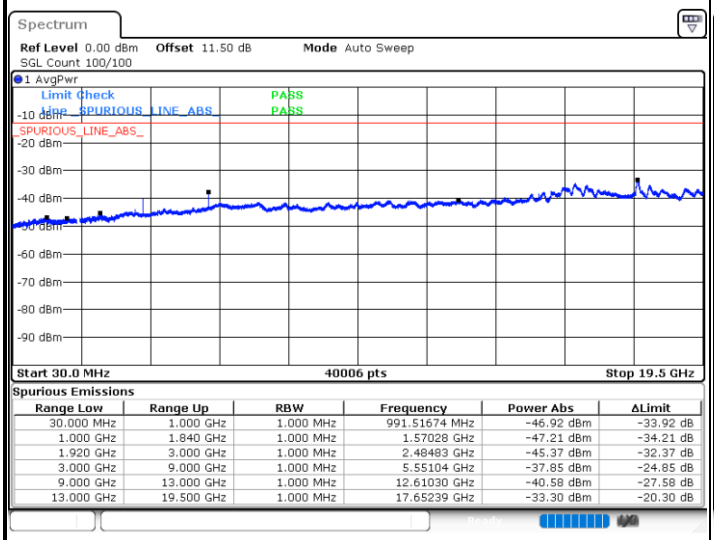
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-47.00 dBm	-34.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.57574 GHz	-46.97 dBm	-33.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50858 GHz	-45.59 dBm	-32.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.72202 GHz	-37.68 dBm	-24.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64429 GHz	-40.74 dBm	-27.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65639 GHz	-33.38 dBm	-20.38 dB

Date: 4.JAN.2023 14:19:10

LTE Band 2 / 5MHz

Lowest Channel / QPSK

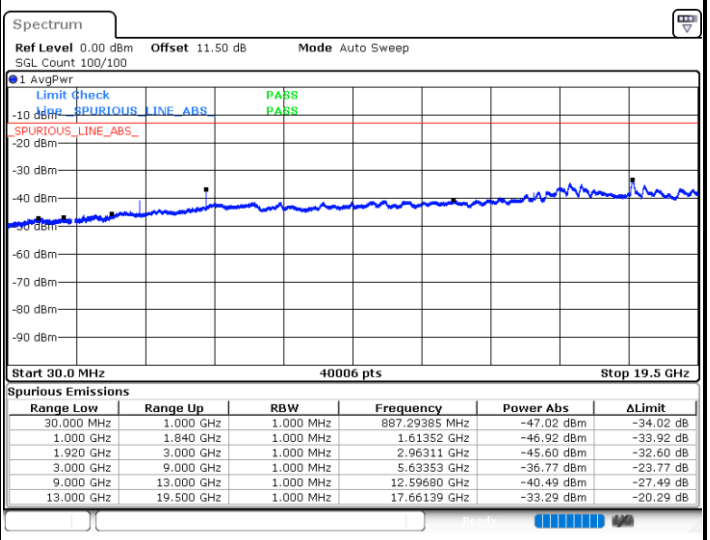


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-46.92 dBm	-33.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.57028 GHz	-47.21 dBm	-34.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.48483 GHz	-45.37 dBm	-32.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55104 GHz	-37.85 dBm	-24.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.61030 GHz	-40.58 dBm	-27.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65239 GHz	-33.30 dBm	-20.30 dB

Date: 4.JAN.2023 14:31:30

Middle Channel / QPSK

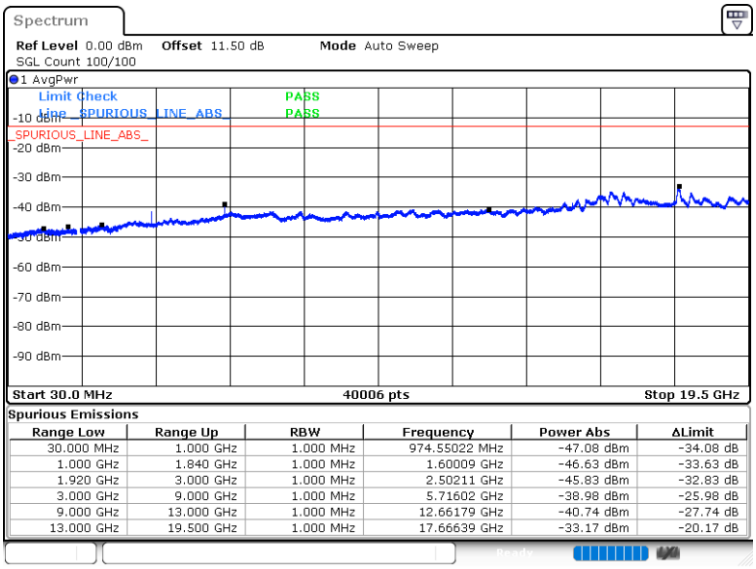


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-47.02 dBm	-34.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61352 GHz	-46.92 dBm	-33.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96311 GHz	-45.60 dBm	-32.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.63353 GHz	-36.77 dBm	-23.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.59680 GHz	-40.49 dBm	-27.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66139 GHz	-33.29 dBm	-20.29 dB

Date: 4.JAN.2023 14:32:43

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-47.08 dBm	-34.08 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60009 GHz	-46.63 dBm	-33.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50211 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.71602 GHz	-38.98 dBm	-25.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66179 GHz	-40.74 dBm	-27.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66639 GHz	-33.17 dBm	-20.17 dB

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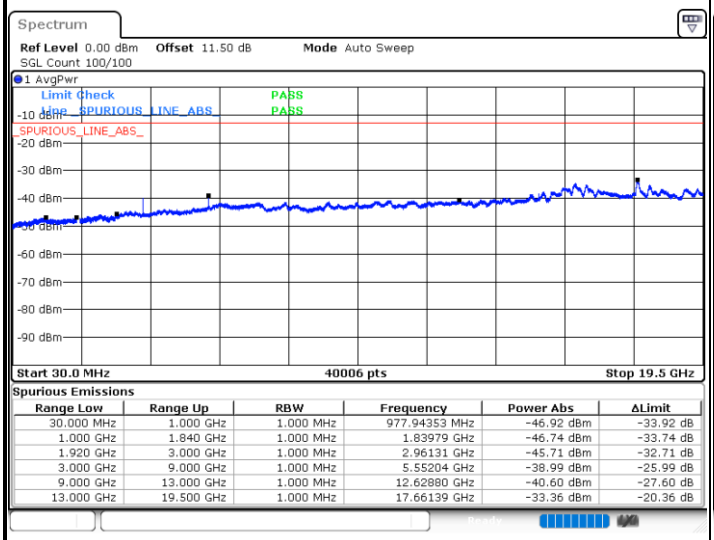
LTE Band 2 / 10MHz

Lowest Channel / QPSK

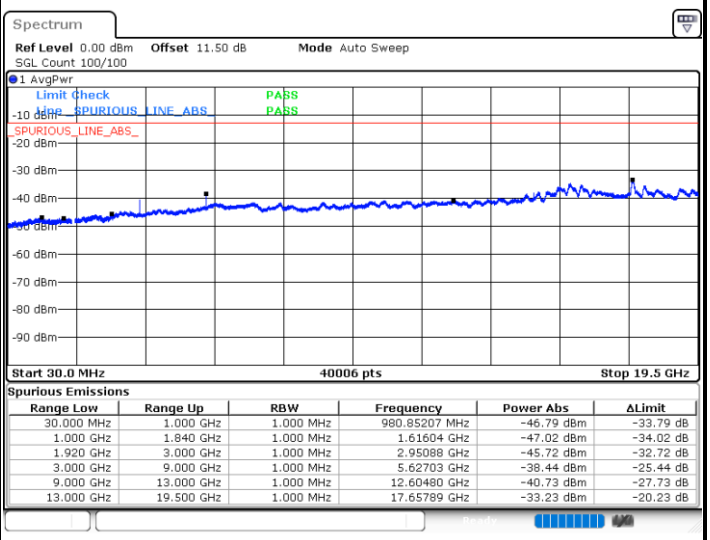


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-46.92 dBm	-33.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-46.74 dBm	-33.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96131 GHz	-45.71 dBm	-32.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55204 GHz	-38.99 dBm	-25.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.62880 GHz	-40.60 dBm	-27.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66139 GHz	-33.36 dBm	-20.36 dB

Date: 4.JAN.2023 14:39:23

Middle Channel / QPSK

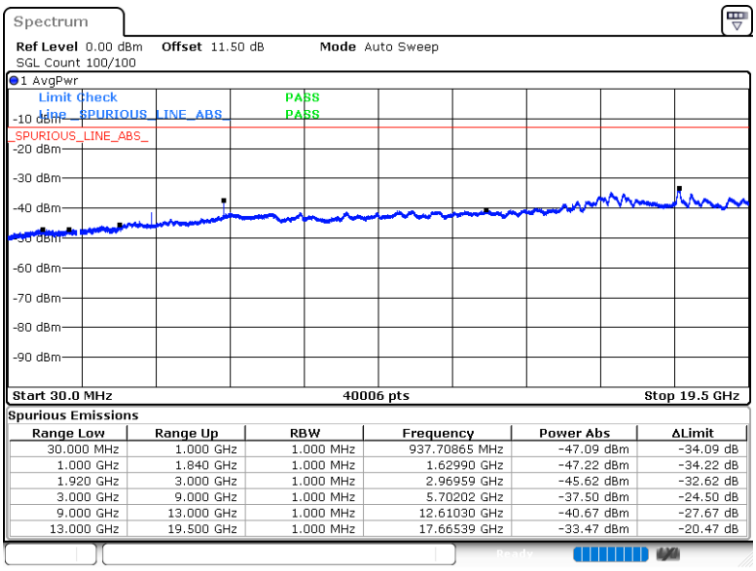


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61604 GHz	-47.02 dBm	-34.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95088 GHz	-45.72 dBm	-32.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.62703 GHz	-38.44 dBm	-25.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.60480 GHz	-40.73 dBm	-27.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65789 GHz	-33.23 dBm	-20.23 dB

Date: 4.JAN.2023 14:40:36

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-47.09 dBm	-34.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62990 GHz	-47.22 dBm	-34.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96959 GHz	-45.62 dBm	-32.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.70202 GHz	-37.50 dBm	-24.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.61030 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66539 GHz	-33.47 dBm	-20.47 dB

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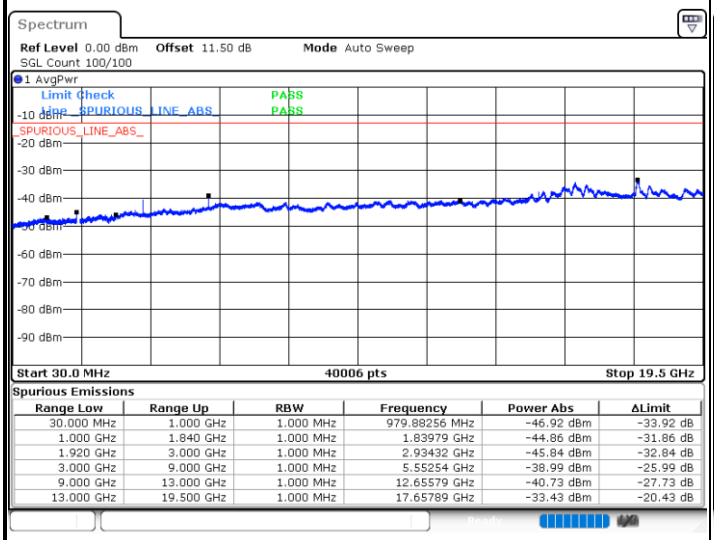
LTE Band 2 / 15MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-46.92 dBm	-33.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.86 dBm	-31.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93432 GHz	-45.84 dBm	-32.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55254 GHz	-38.99 dBm	-25.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65579 GHz	-40.73 dBm	-27.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65789 GHz	-33.43 dBm	-20.43 dB

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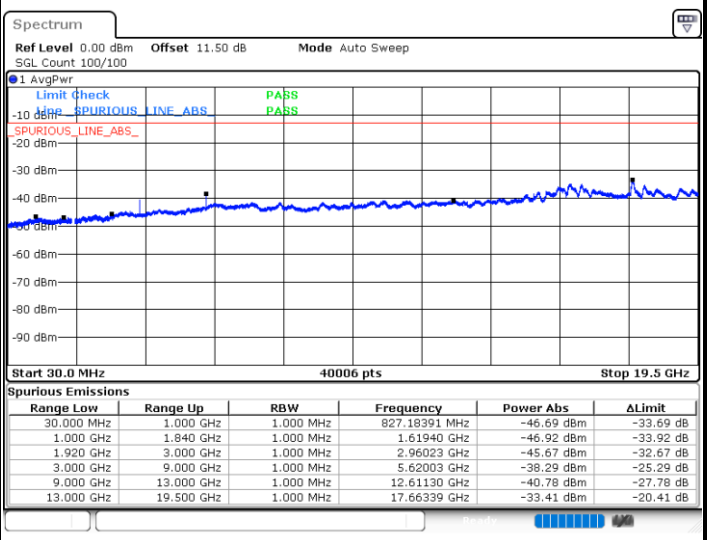
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.18391 MHz	-46.69 dBm	-33.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61940 GHz	-46.92 dBm	-33.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96023 GHz	-45.67 dBm	-32.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.62003 GHz	-38.29 dBm	-25.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.61130 GHz	-40.78 dBm	-27.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66339 GHz	-33.41 dBm	-20.41 dB

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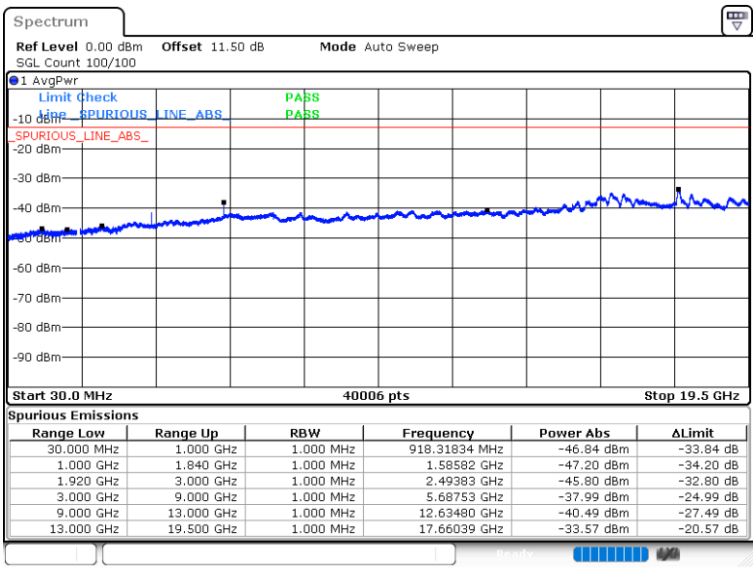
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-46.84 dBm	-33.84 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.58582 GHz	-47.20 dBm	-34.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49383 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.68753 GHz	-37.99 dBm	-24.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63480 GHz	-40.49 dBm	-27.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66039 GHz	-33.57 dBm	-20.57 dB

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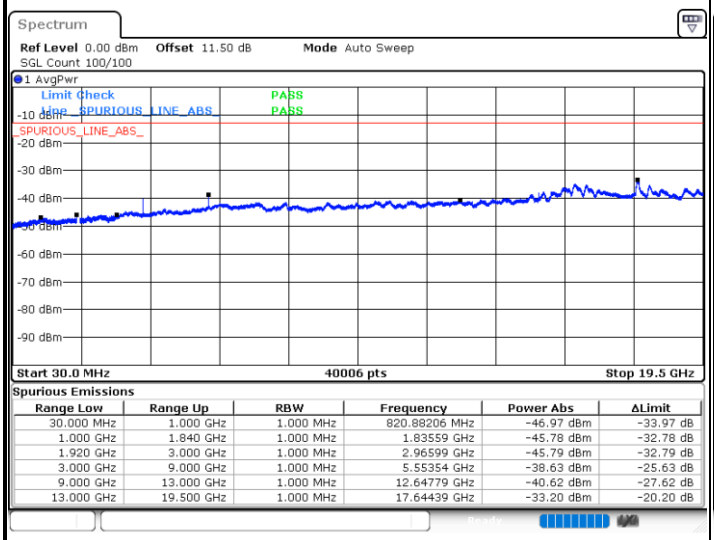
LTE Band 2 / 20MHz

Lowest Channel / QPSK

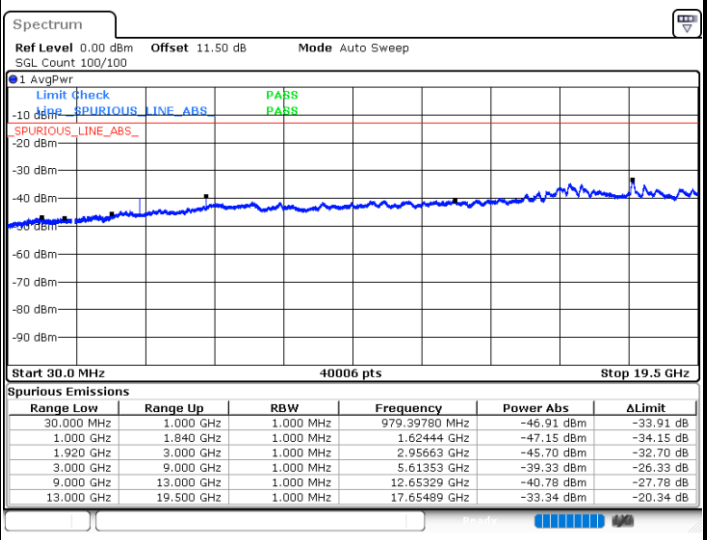


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	820.88206 MHz	-46.97 dBm	-33.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-45.78 dBm	-32.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96599 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.55354 GHz	-38.63 dBm	-25.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64779 GHz	-40.62 dBm	-27.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.64439 GHz	-33.20 dBm	-20.20 dB

Date: 4.JAN.2023 15:07:37

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-46.91 dBm	-33.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62444 GHz	-47.15 dBm	-34.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95663 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.61353 GHz	-39.33 dBm	-26.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65329 GHz	-40.78 dBm	-27.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65489 GHz	-33.34 dBm	-20.34 dB

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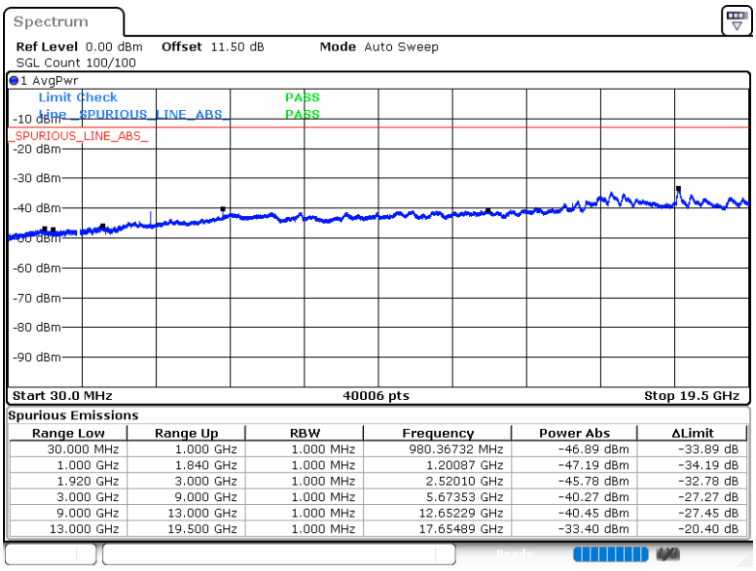
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-46.89 dBm	-33.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.20087 GHz	-47.19 dBm	-34.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52010 GHz	-45.78 dBm	-32.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.67353 GHz	-40.27 dBm	-27.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65229 GHz	-40.45 dBm	-27.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65489 GHz	-33.40 dBm	-20.40 dB

Date: 4.JAN.2023 15:10:03

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 4.2 V.；Battery End Point (BEP) = 3.4 V.；Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 2C

26dB Bandwidth

Mode	LTE Band 2C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.93	25.28	30.09	25.38	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.98	30.03	34.97	39.96

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.93	25.28	29.91	25.33	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.93	30.03	34.97	39.96

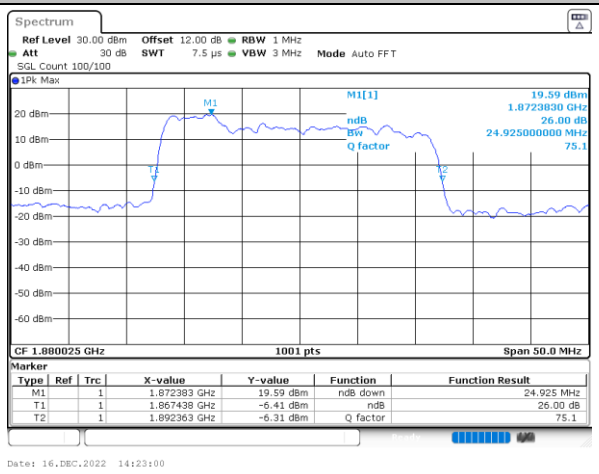
Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.23	30.03	25.43	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.93	29.91	34.97	39.96

Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.33	29.91	25.28	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.93	30.15	34.97	40.04

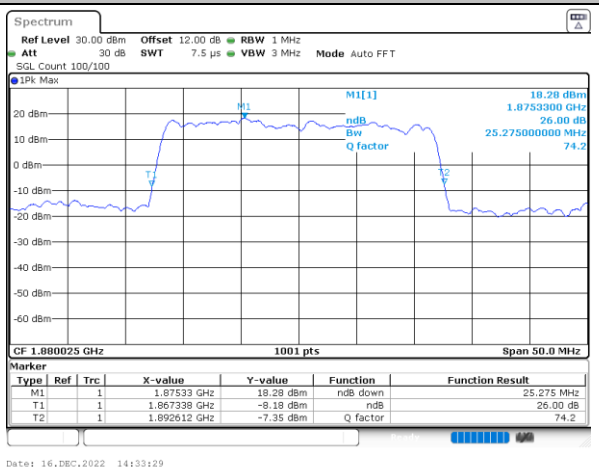
LTE Band 2C

QPSK

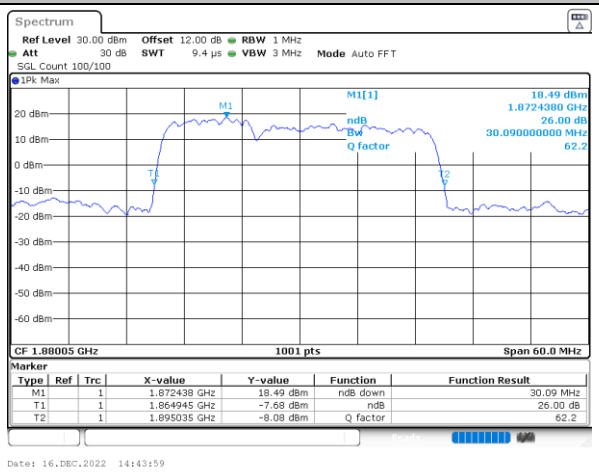
Middle Channel / 5MHz+20MHz



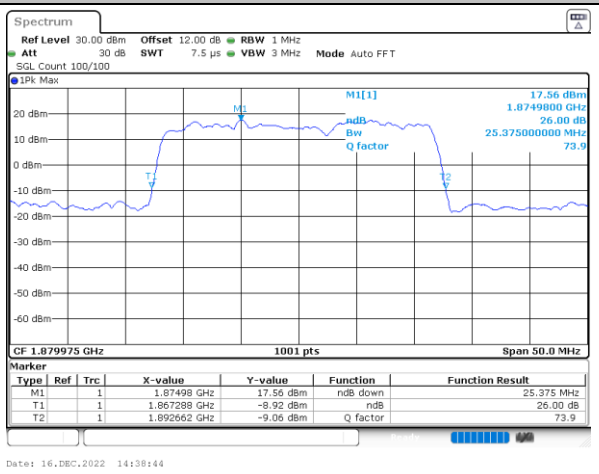
Middle Channel / 10MHz+15MHz



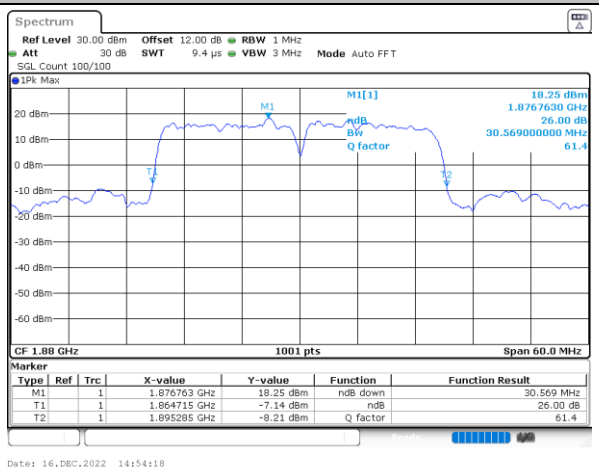
Middle Channel / 10MHz+20MHz



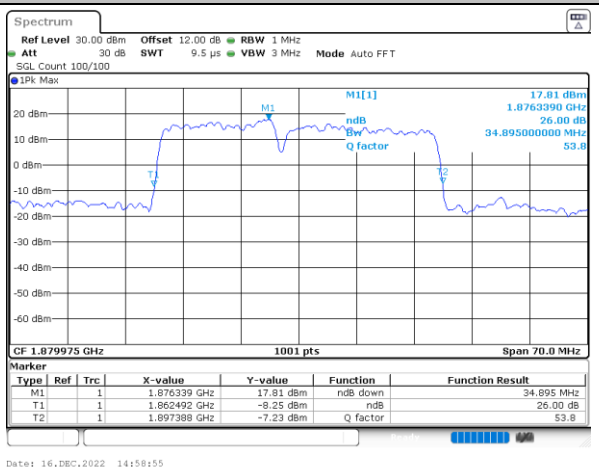
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz

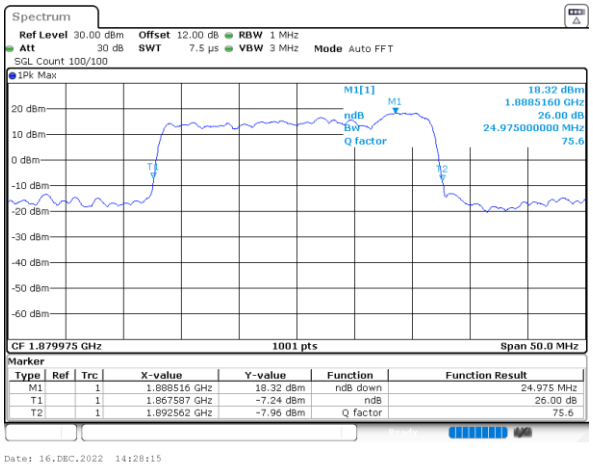


Middle Channel / 15MHz+20MHz

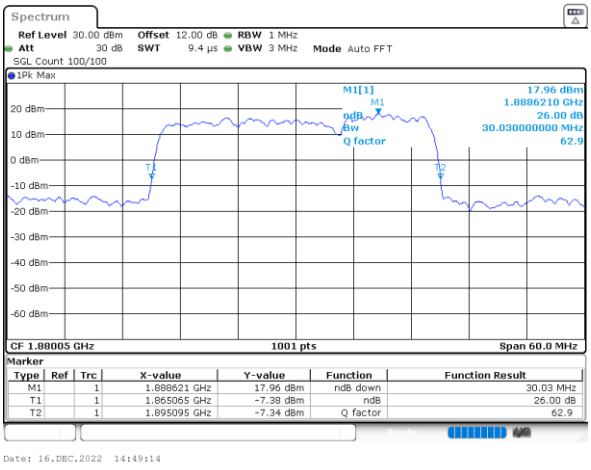


LTE Band 2C

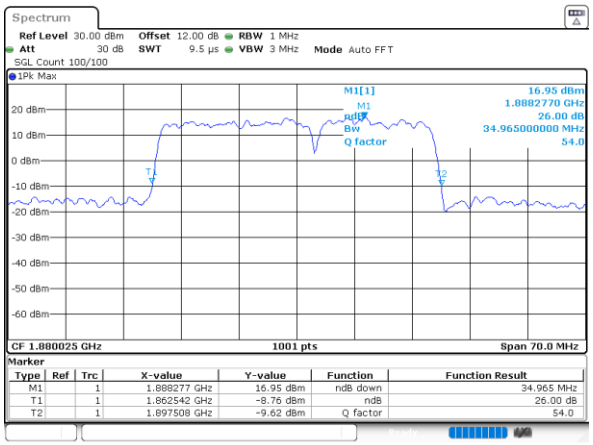
Middle Channel / 20MHz+5MHz



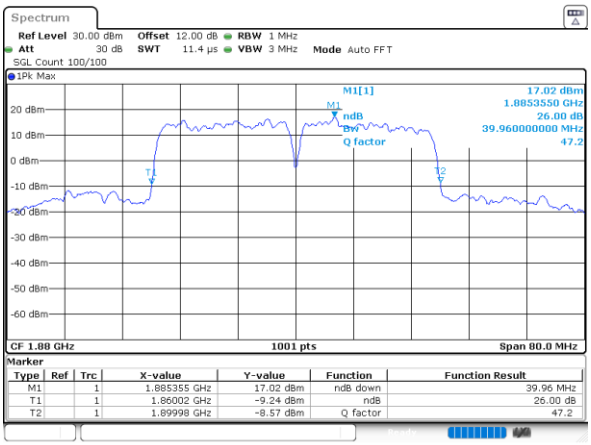
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

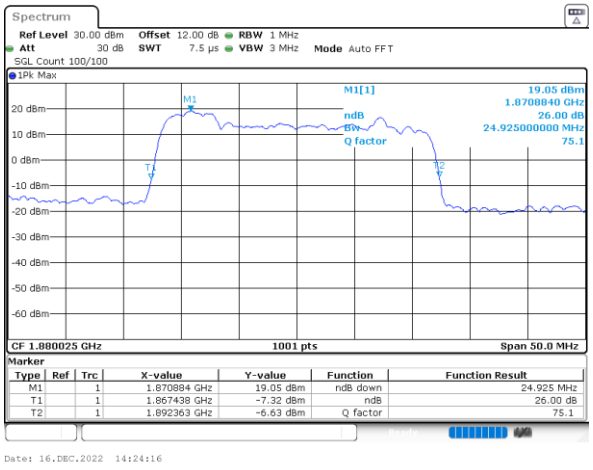


Middle Channel / 20MHz+20MHz

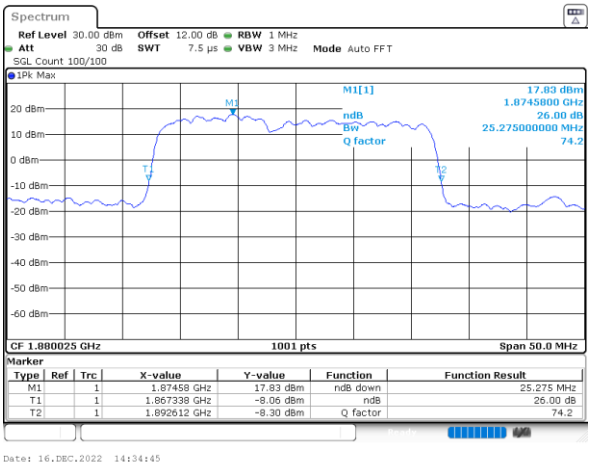


LTE Band 2C

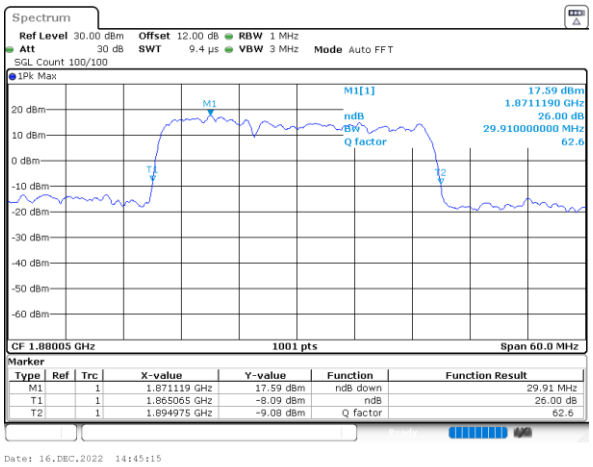
Middle Channel / 5MHz+20MHz



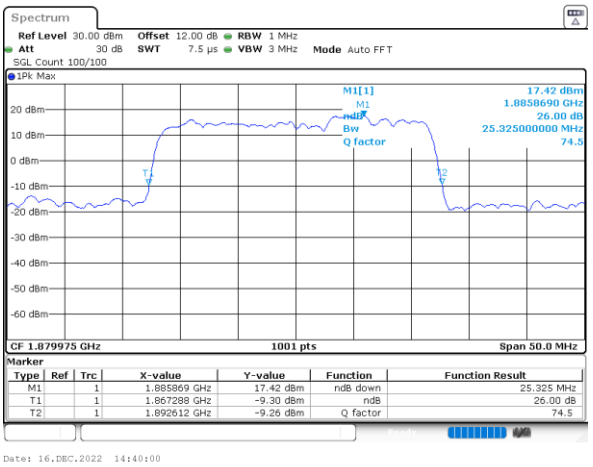
Middle Channel / 10MHz+15MHz



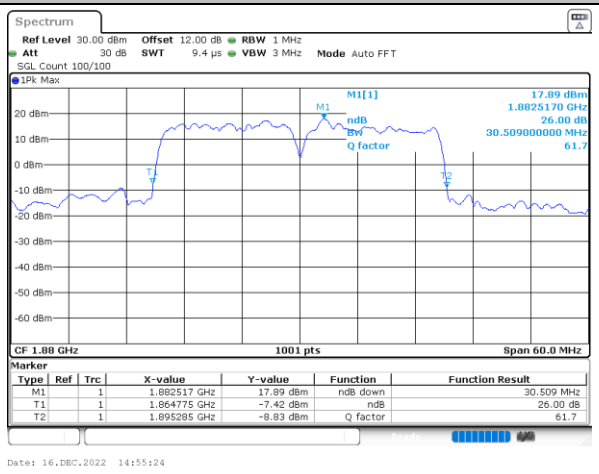
Middle Channel / 10MHz+20MHz



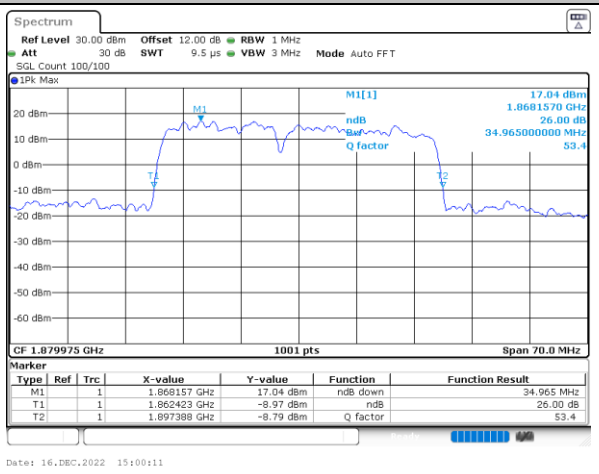
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



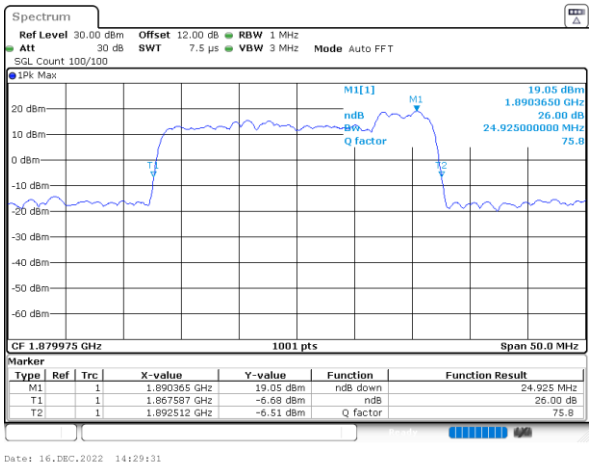
Middle Channel / 15MHz+20MHz



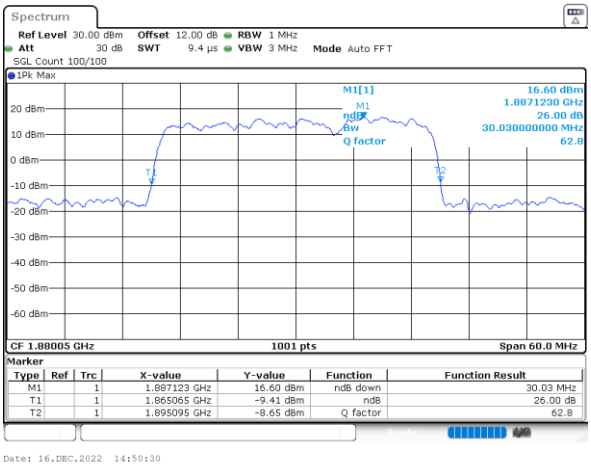
LTE Band 2C

16QAM

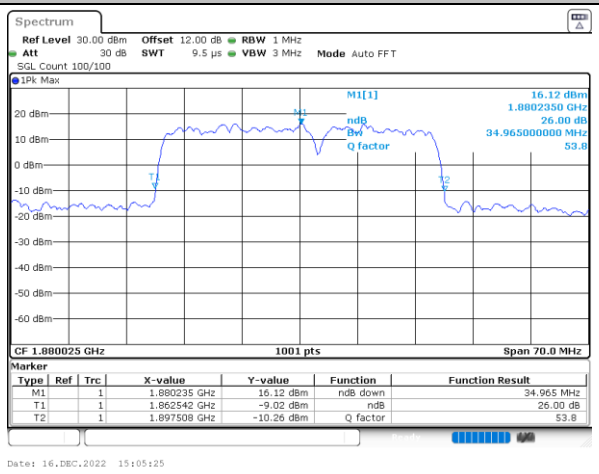
Middle Channel / 20MHz+5MHz



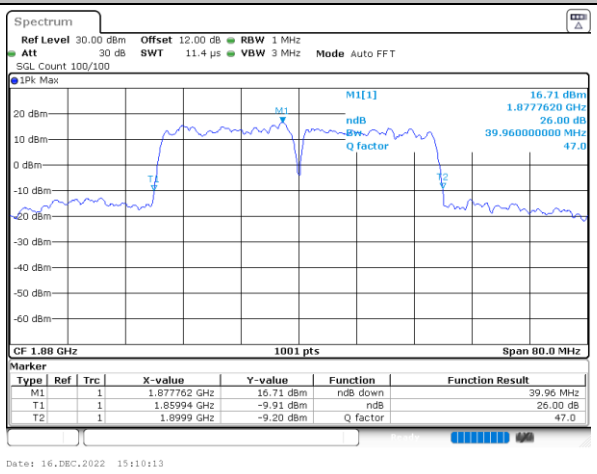
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



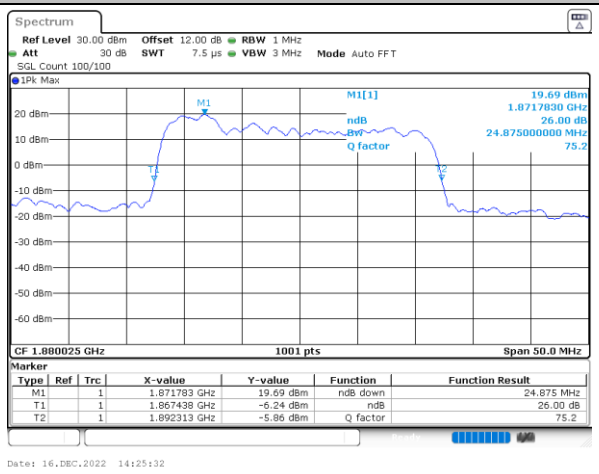
Middle Channel / 20MHz+20MHz



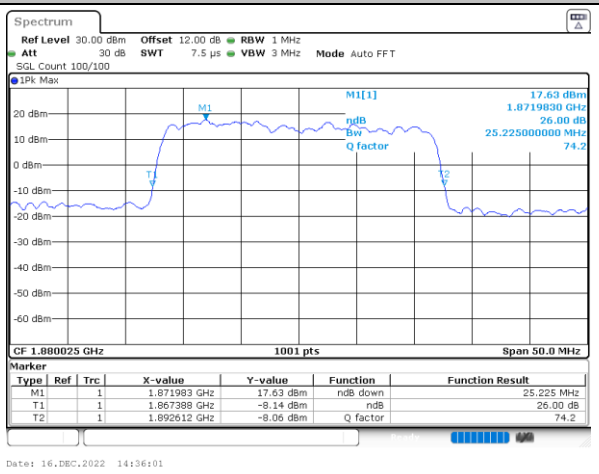
LTE Band 2C

64QAM

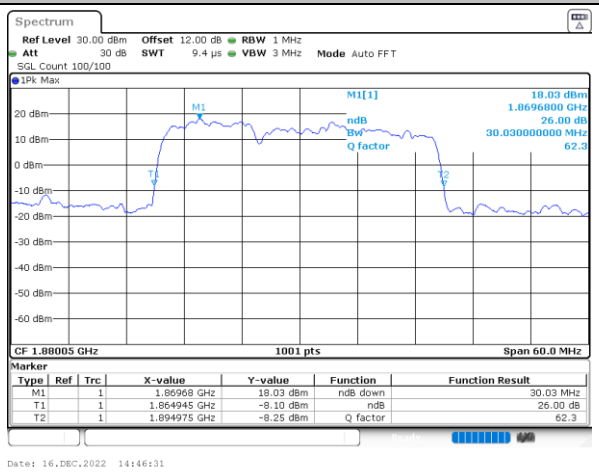
Middle Channel / 5MHz+20MHz



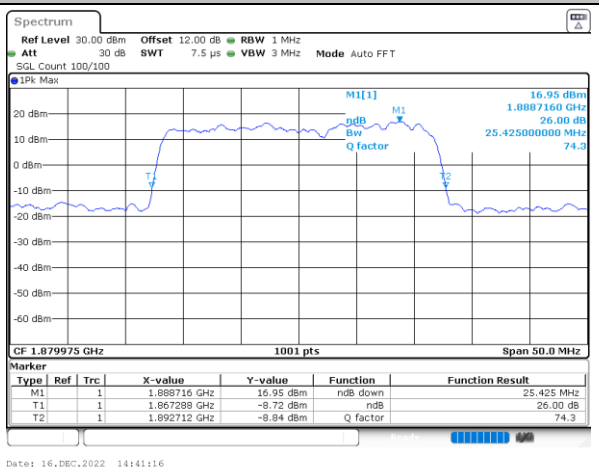
Middle Channel / 10MHz+15MHz



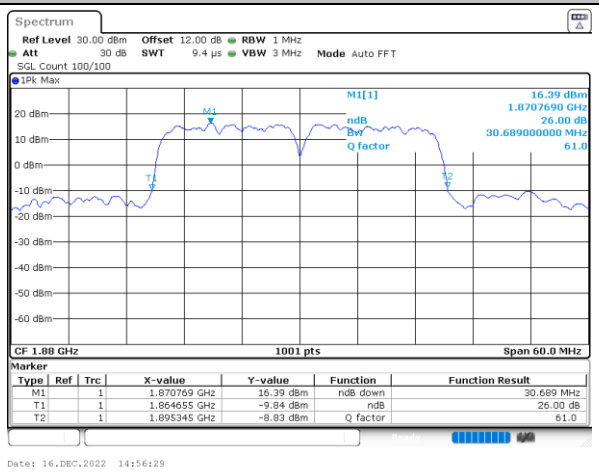
Middle Channel / 10MHz+20MHz



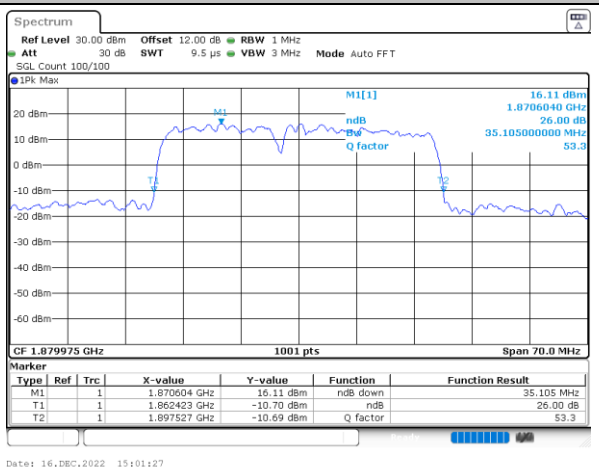
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



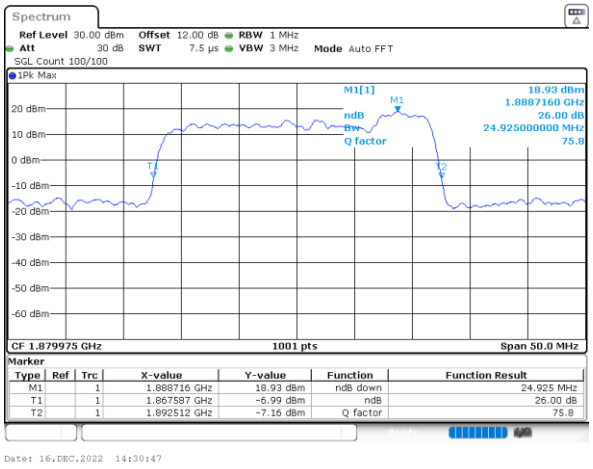
Middle Channel / 15MHz+20MHz



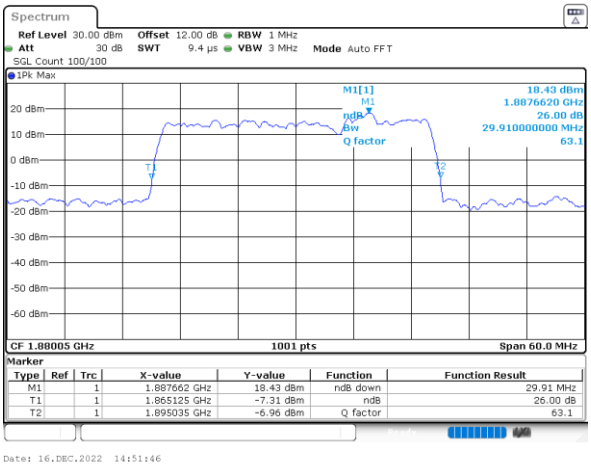
LTE Band 2C

64QAM

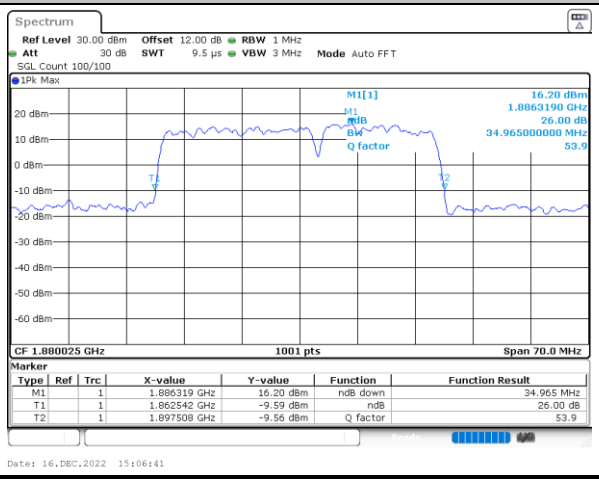
Middle Channel / 20MHz+5MHz



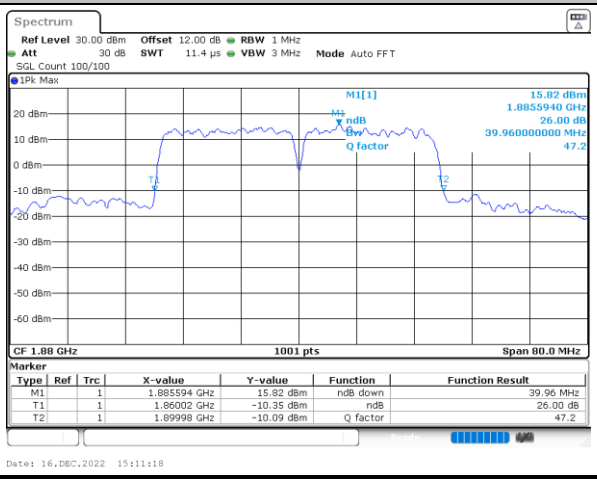
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



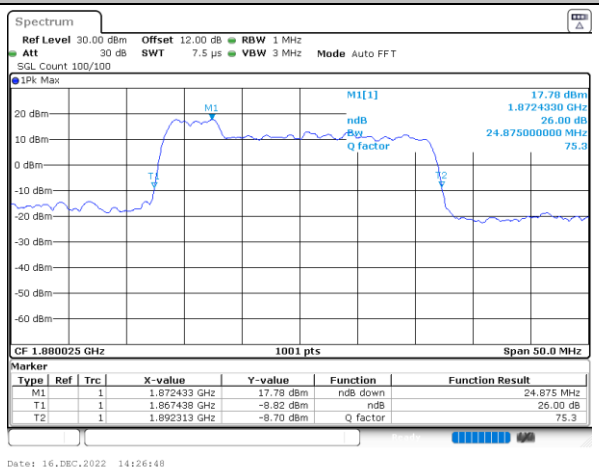
Middle Channel / 20MHz+20MHz



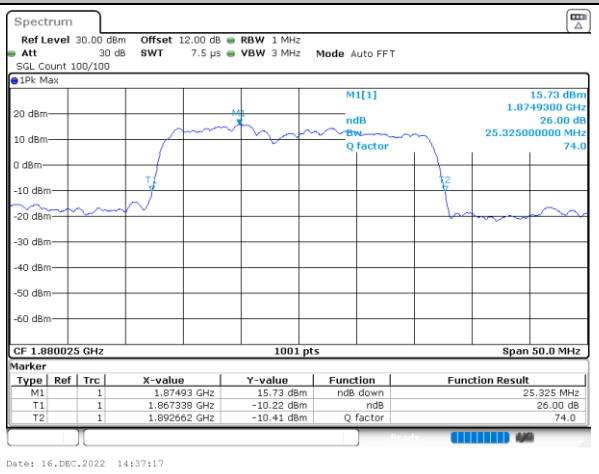
LTE Band 2C

256QAM

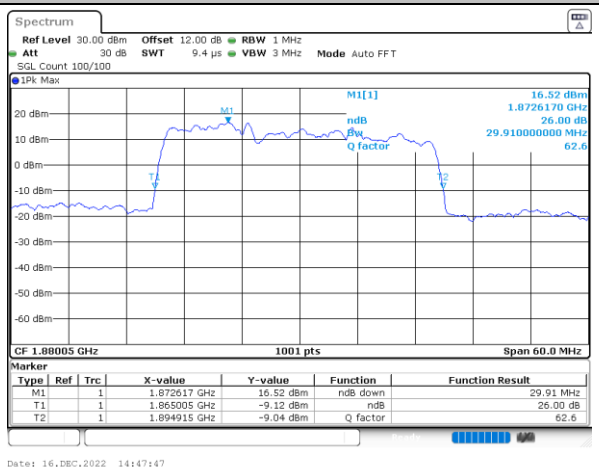
Middle Channel / 5MHz+20MHz



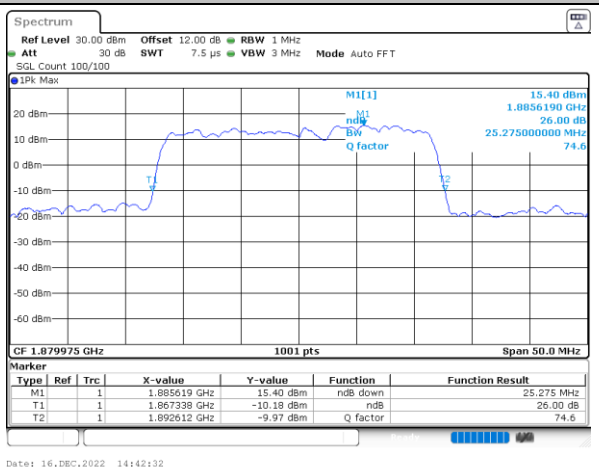
Middle Channel / 10MHz+15MHz



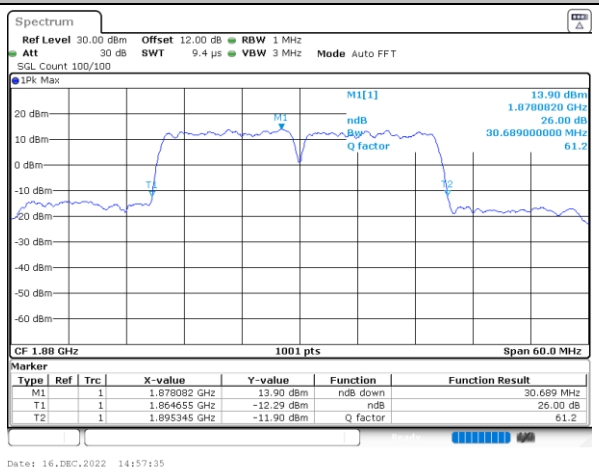
Middle Channel / 10MHz+20MHz



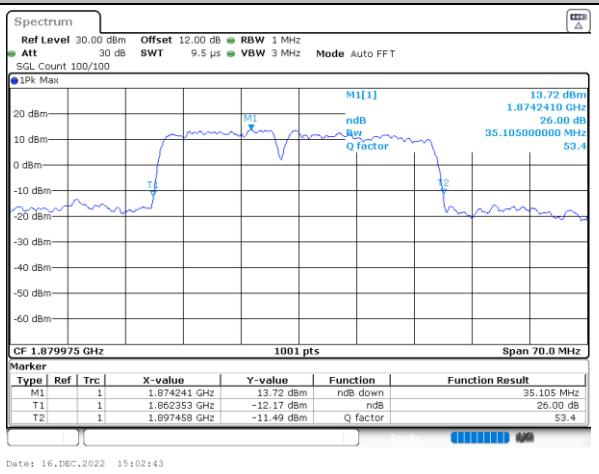
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



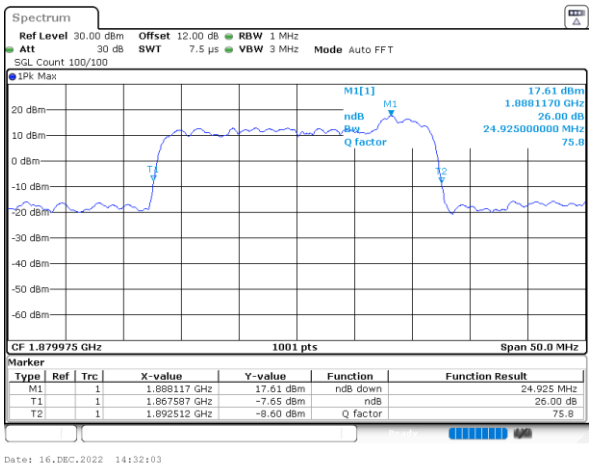
Middle Channel / 15MHz+20MHz



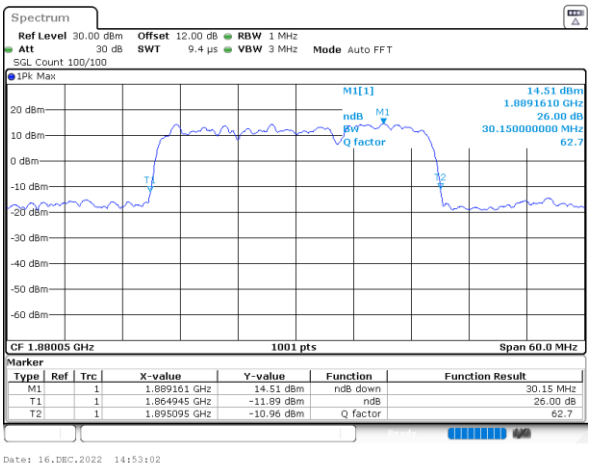
LTE Band 2C

256QAM

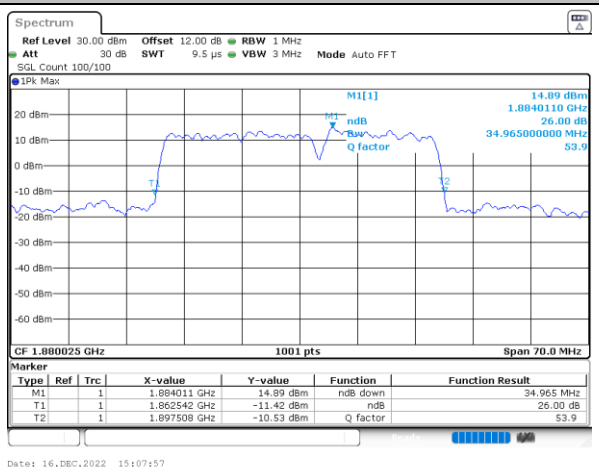
Middle Channel / 20MHz+5MHz



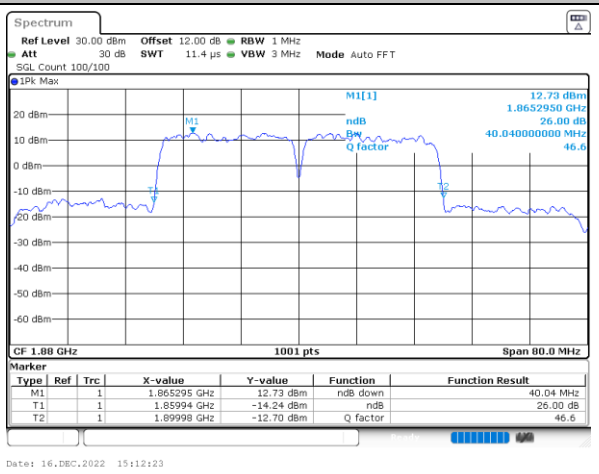
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



Occupied Bandwidth

Mode	LTE Band 2C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.53	27.87	23.33	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.18	28.17	32.80	37.72

Mode	LTE Band 2C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.33	27.93	23.33	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.43	28.17	32.73	37.88

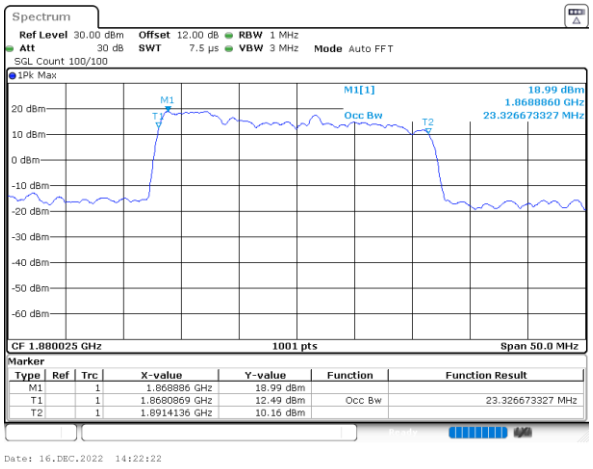
Mode	LTE Band 2C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.28	28.05	23.48	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.59	23.08	27.81	32.73	37.80

Mode	LTE Band 2C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.38	23.43	27.87	23.58	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.18	27.81	32.73	37.72

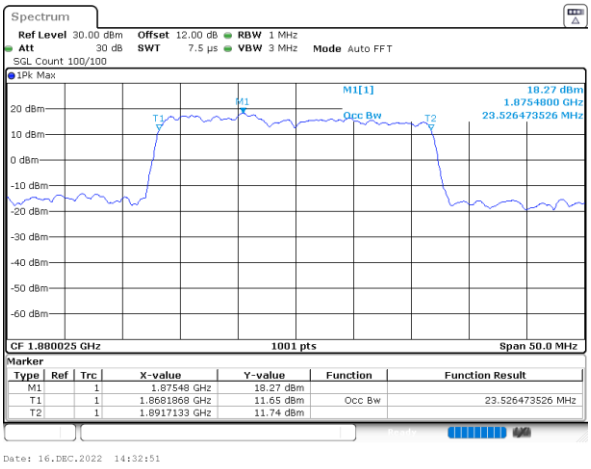
LTE Band 2C

QPSK

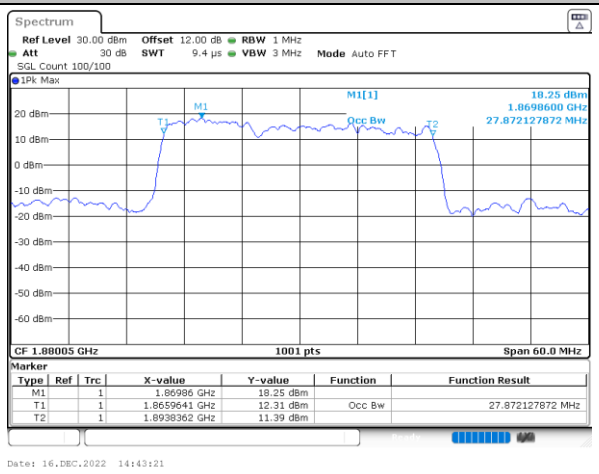
Middle Channel / 5MHz+20MHz



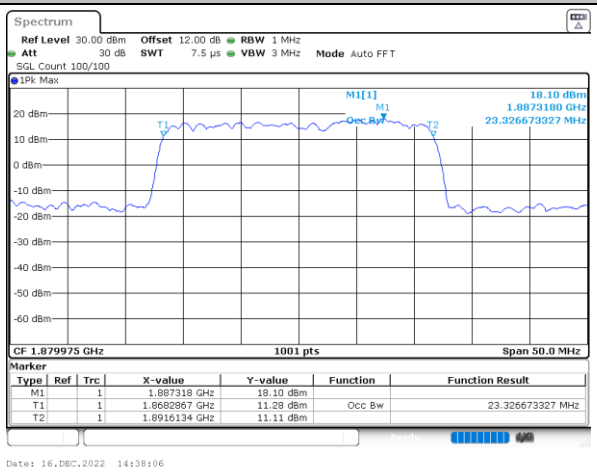
Middle Channel / 10MHz+15MHz



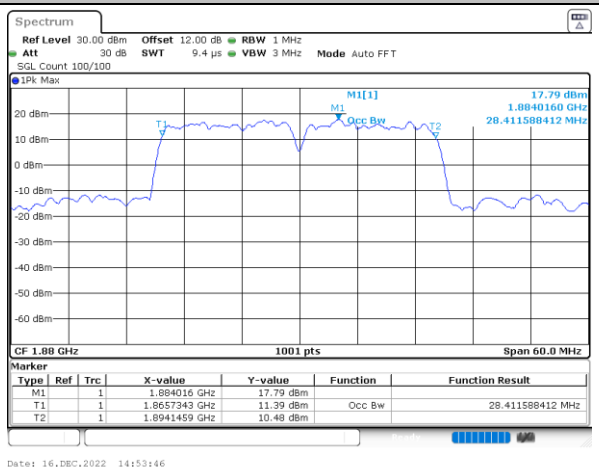
Middle Channel / 10MHz+20MHz



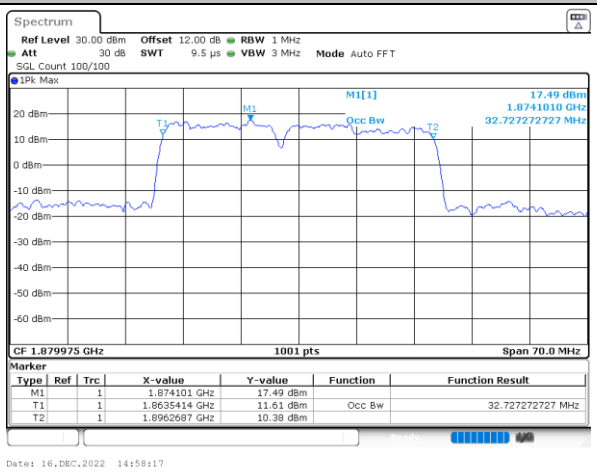
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



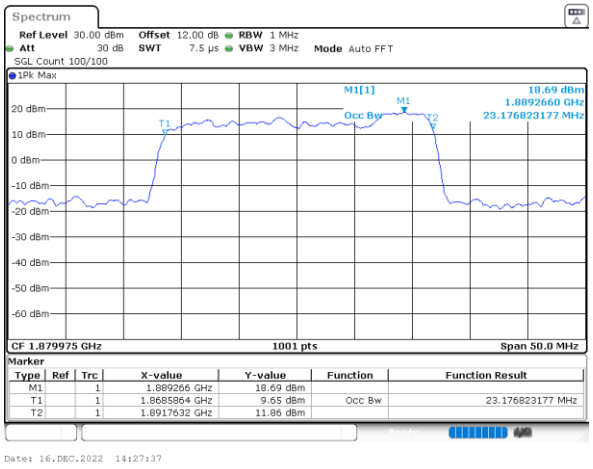
Middle Channel / 15MHz+20MHz



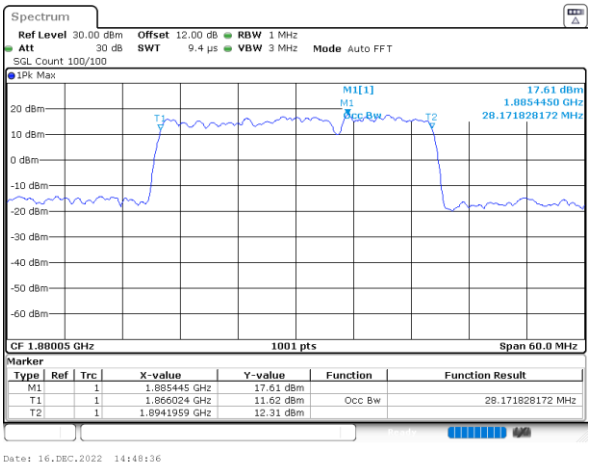
LTE Band 2C

QPSK

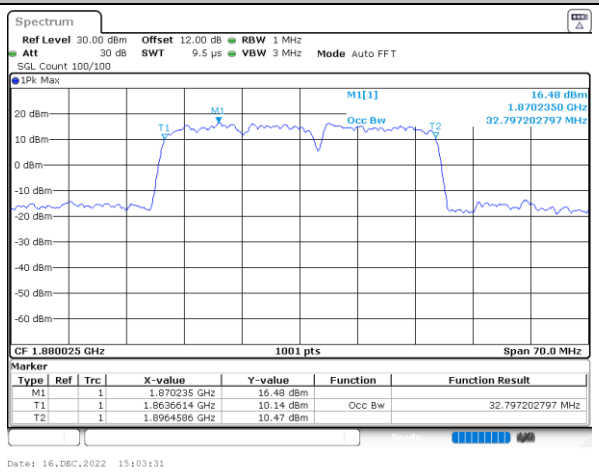
Middle Channel / 20MHz+5MHz



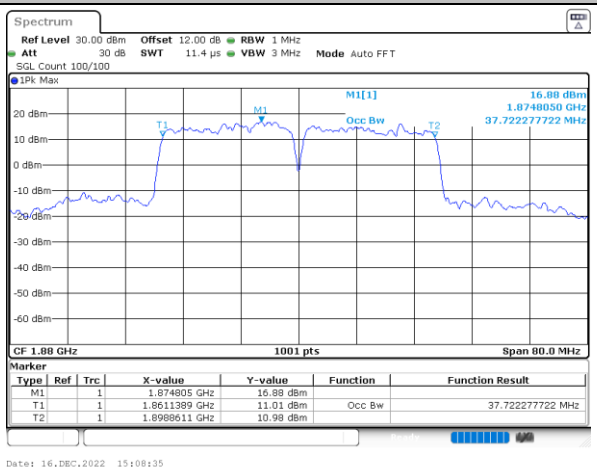
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



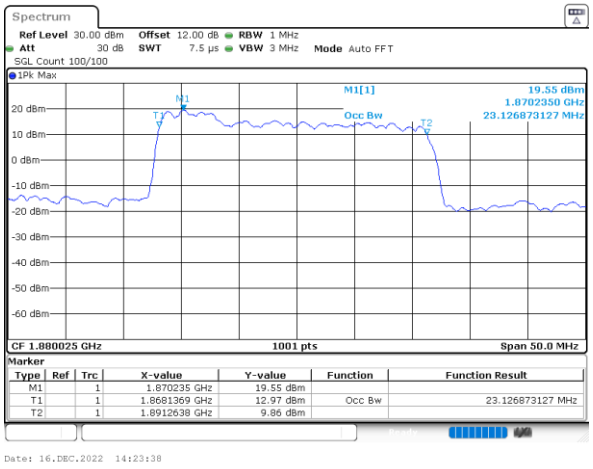
Middle Channel / 20MHz+20MHz



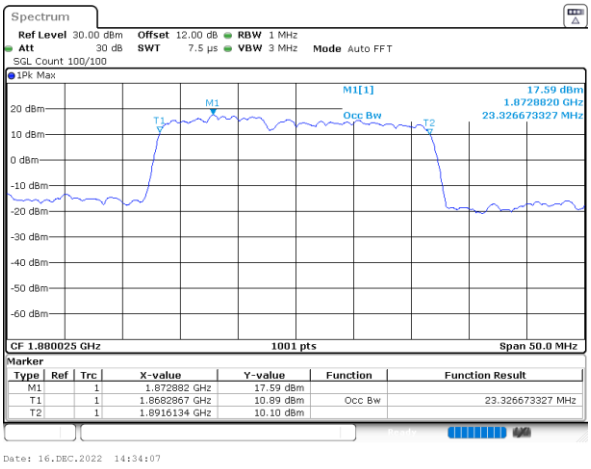
LTE Band 2C

16QAM

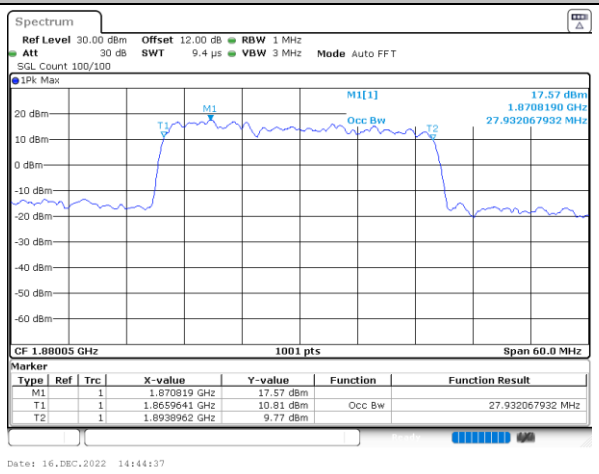
Middle Channel / 5MHz+20MHz



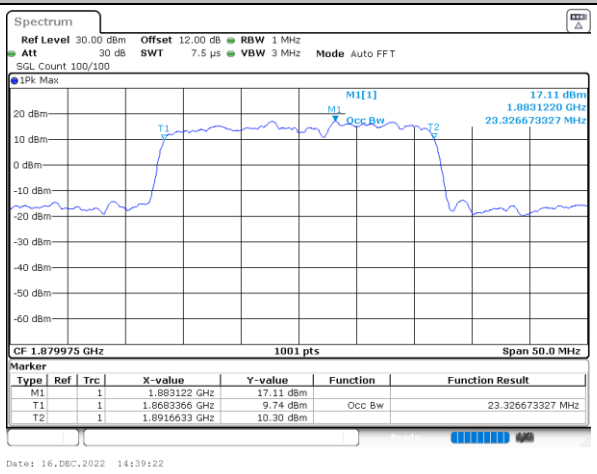
Middle Channel / 10MHz+15MHz



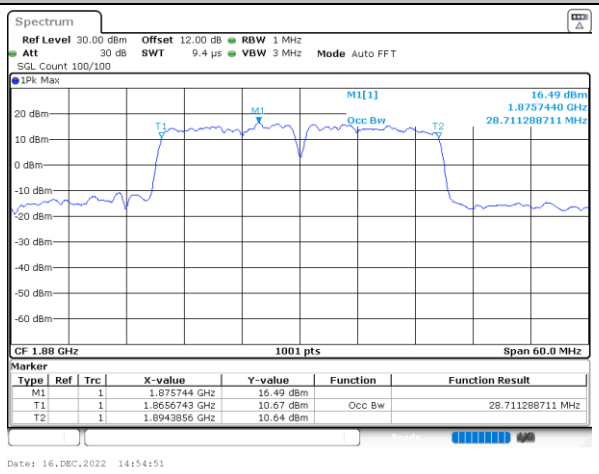
Middle Channel / 10MHz+20MHz



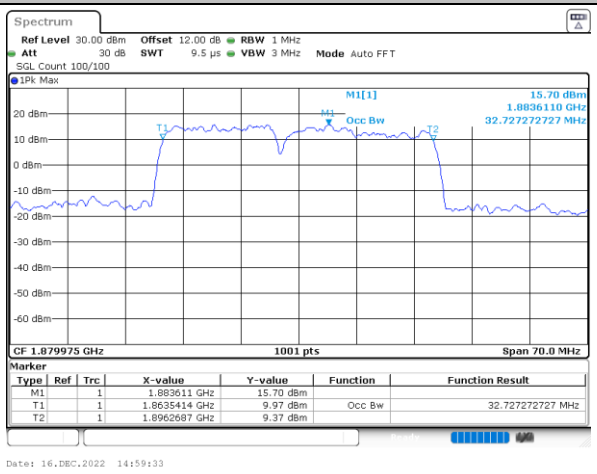
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



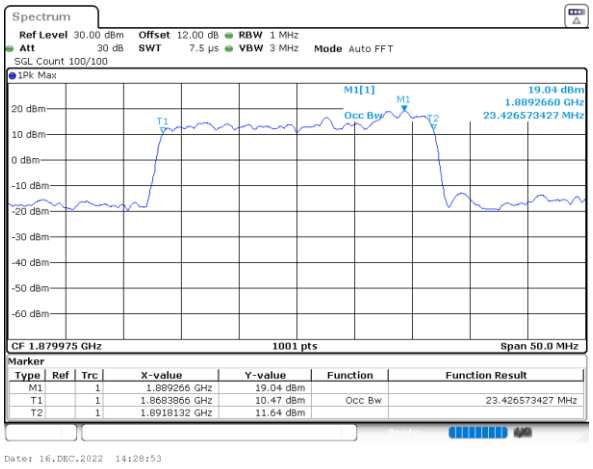
Middle Channel / 15MHz+20MHz



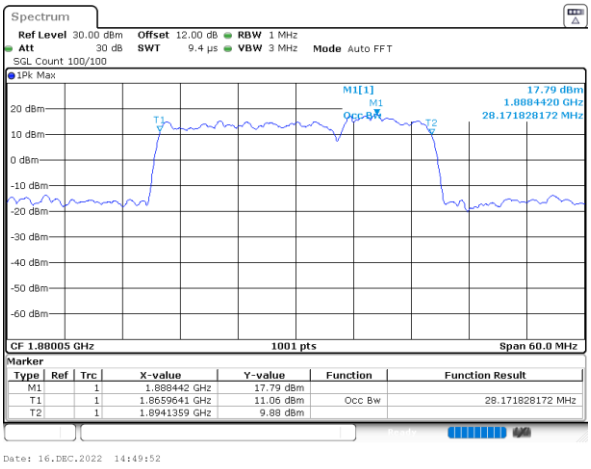
LTE Band 2C

16QAM

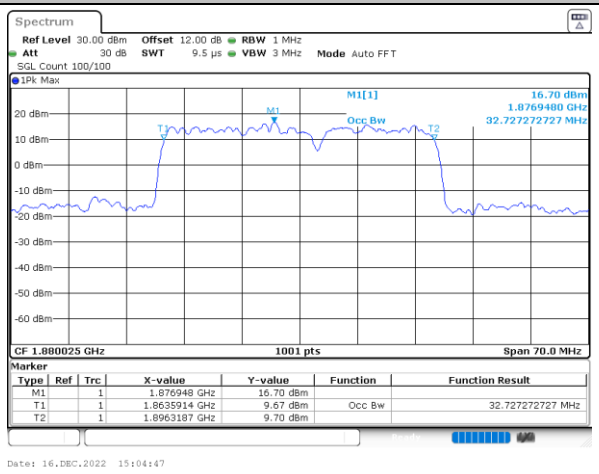
Middle Channel / 20MHz+5MHz



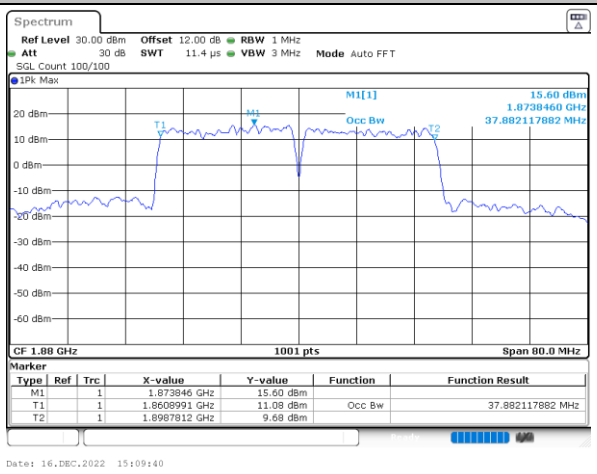
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



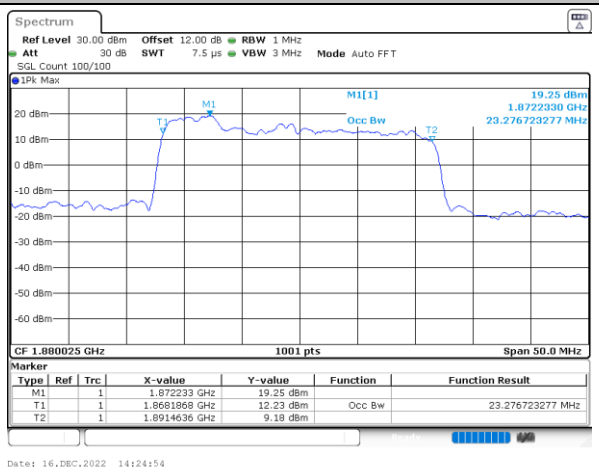
Middle Channel / 20MHz+20MHz



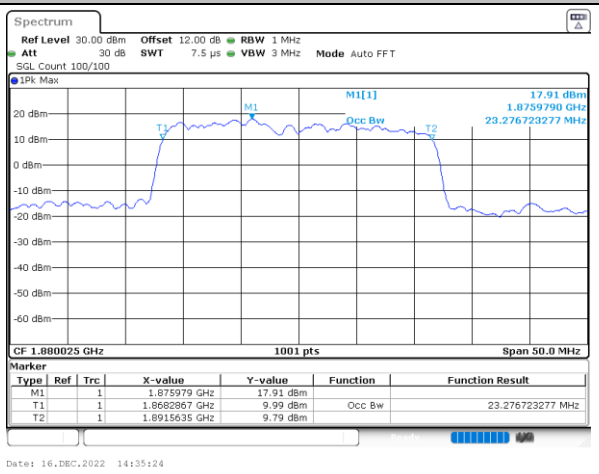
LTE Band 2C

64QAM

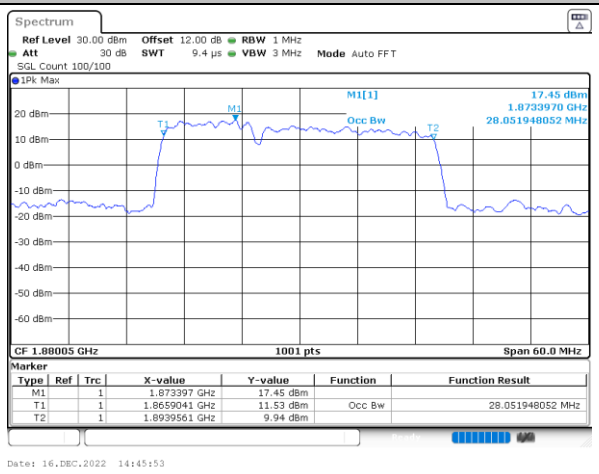
Middle Channel / 5MHz+20MHz



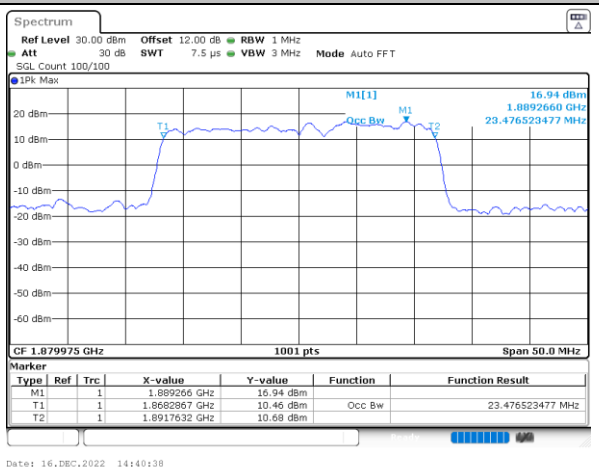
Middle Channel / 10MHz+15MHz



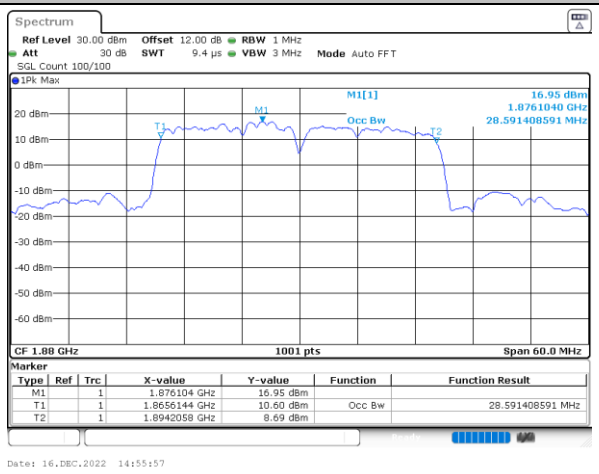
Middle Channel / 10MHz+20MHz



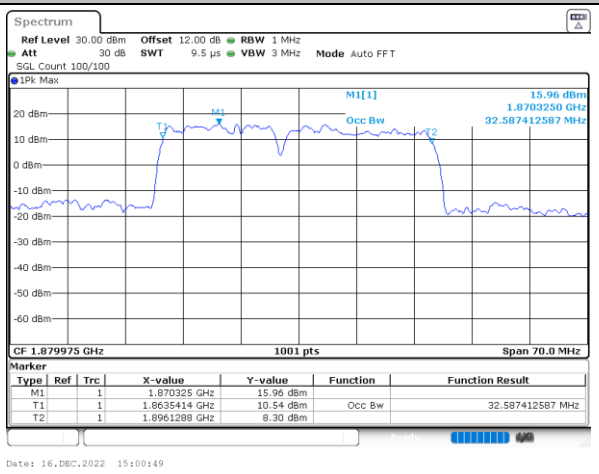
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



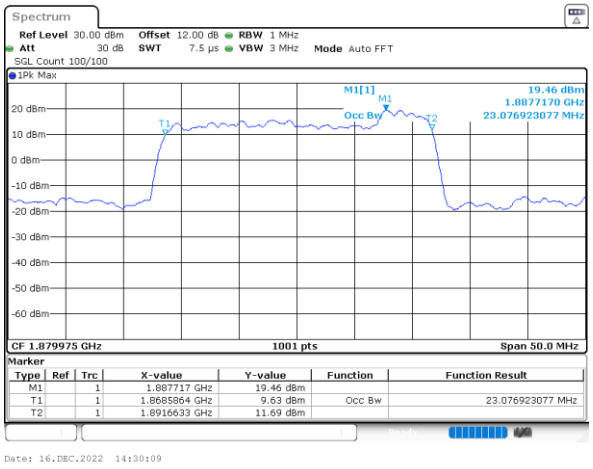
Middle Channel / 15MHz+20MHz



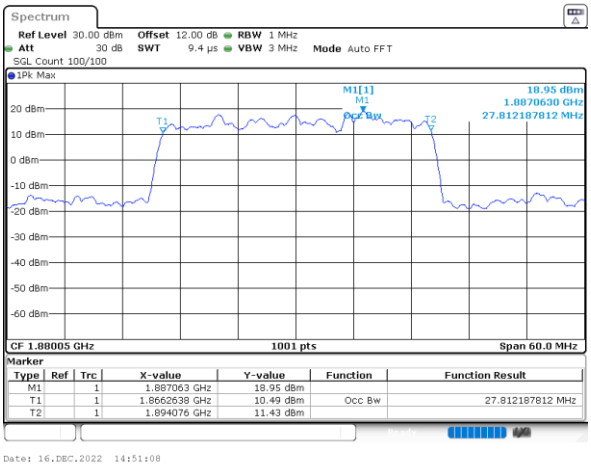
LTE Band 2C

64QAM

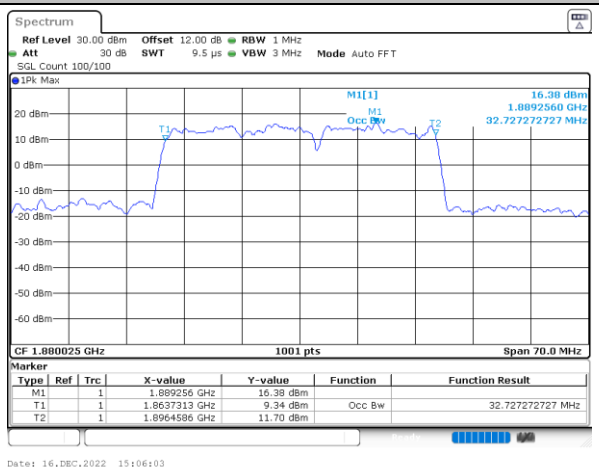
Middle Channel / 20MHz+5MHz



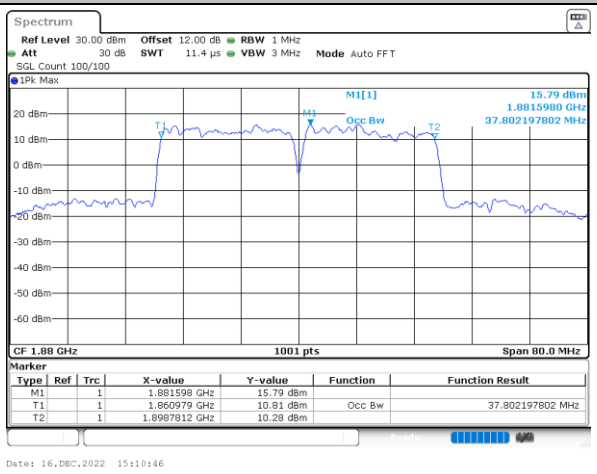
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



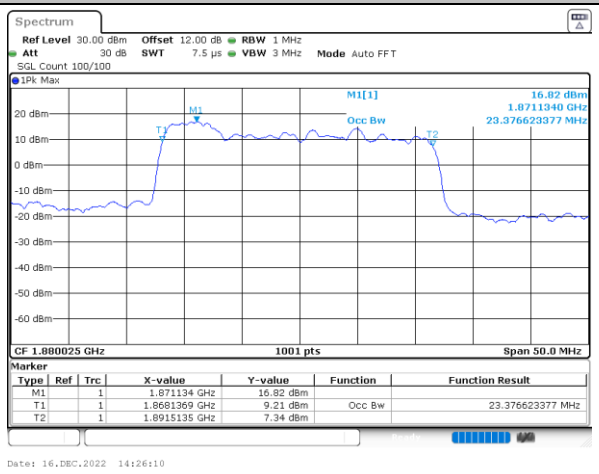
Middle Channel / 20MHz+20MHz



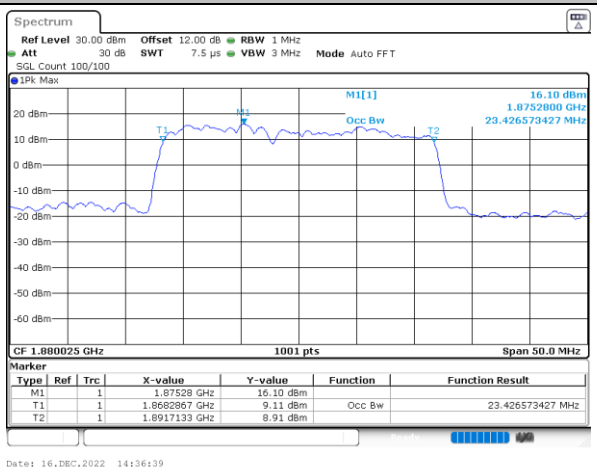
LTE Band 2C

256QAM

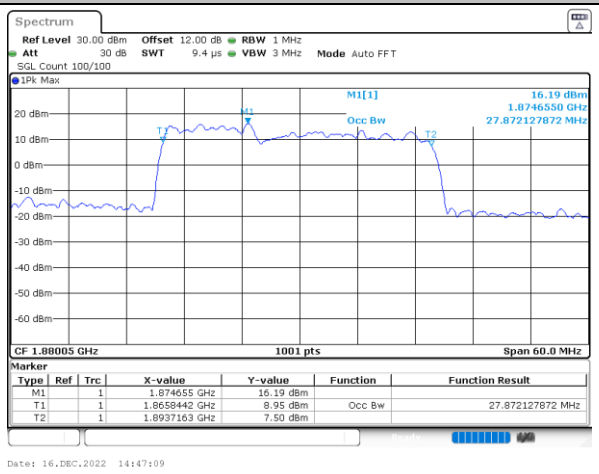
Middle Channel / 5MHz+20MHz



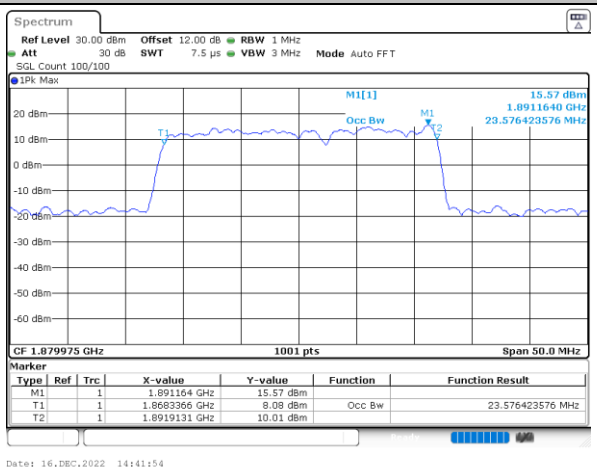
Middle Channel / 10MHz+15MHz



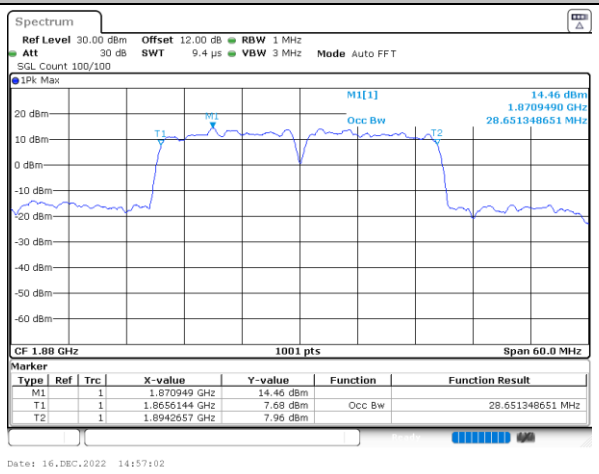
Middle Channel / 10MHz+20MHz



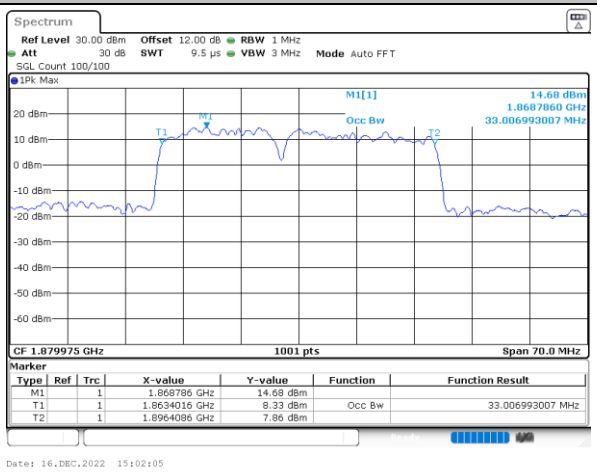
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



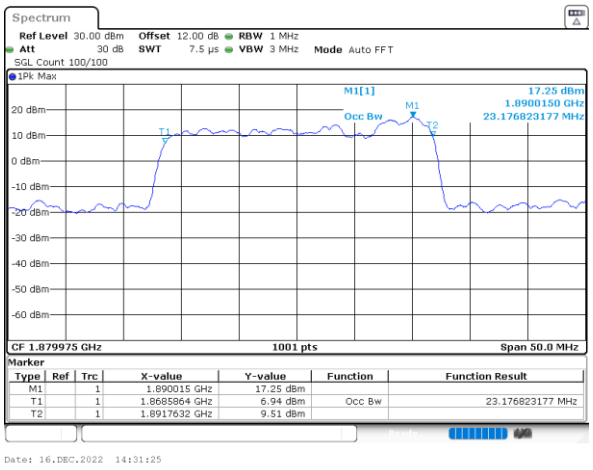
Middle Channel / 15MHz+20MHz



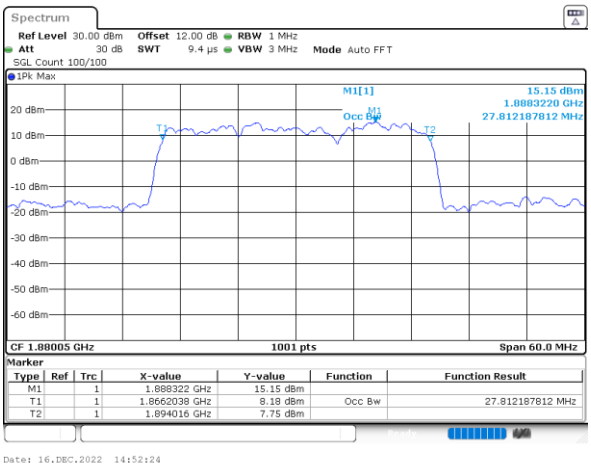
LTE Band 2C

256QAM

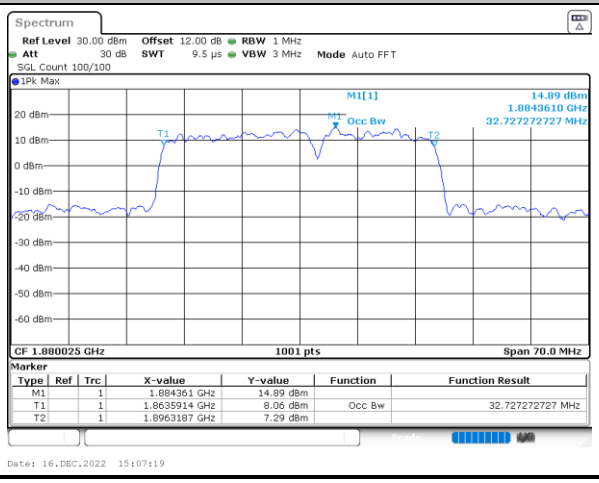
Middle Channel / 20MHz+5MHz



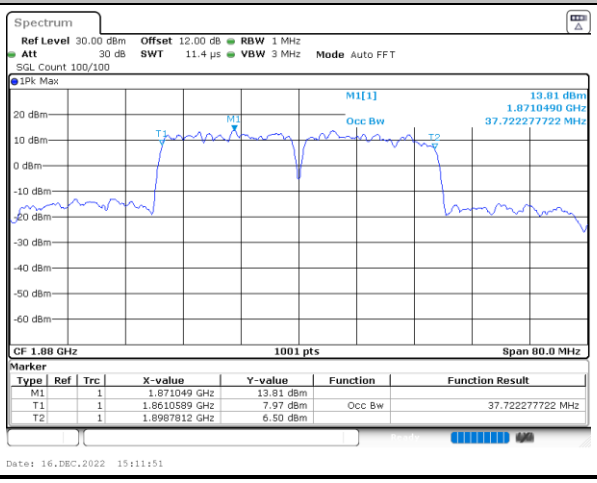
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

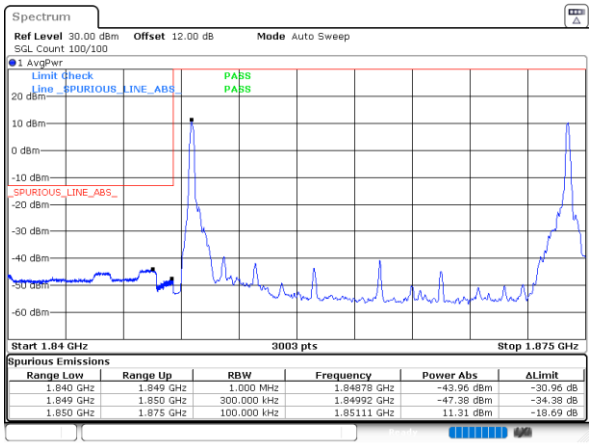


Conducted Band Edge

LTE Band 2C / 5MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

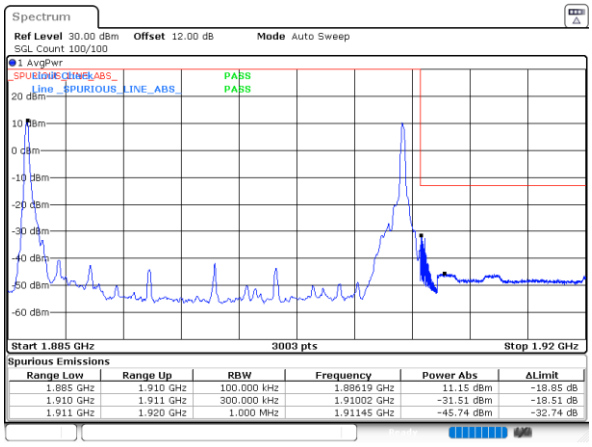


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84878 GHz	-43.96 dBm	-30.96 dB
1.849 GHz	1.850 GHz	300.000 kHz	1.84992 GHz	-47.38 dBm	-34.38 dB
1.850 GHz	1.875 GHz	100.000 kHz	1.85111 GHz	11.31 dBm	-18.69 dB

Date: 16.DEC.2022 00:56:19

Highest Band Edge / 1RB0 and 1RB99

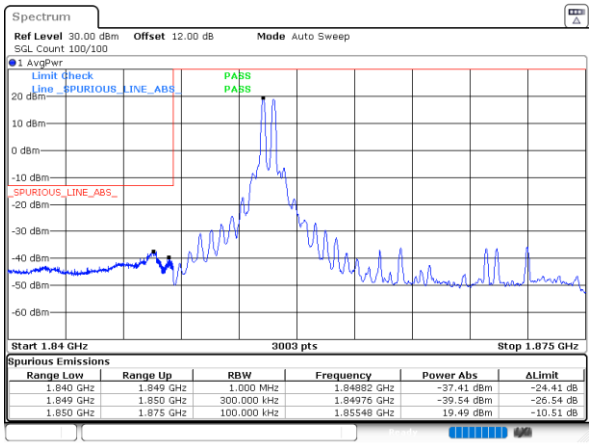


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.885 GHz	1.910 GHz	100.000 kHz	1.88619 GHz	11.15 dBm	-18.85 dB
1.910 GHz	1.911 GHz	300.000 kHz	1.91002 GHz	-31.51 dBm	-18.51 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91145 GHz	-45.74 dBm	-32.74 dB

Date: 16.DEC.2022 01:12:17

Lowest Band Edge / 1RB24 and 1RB0

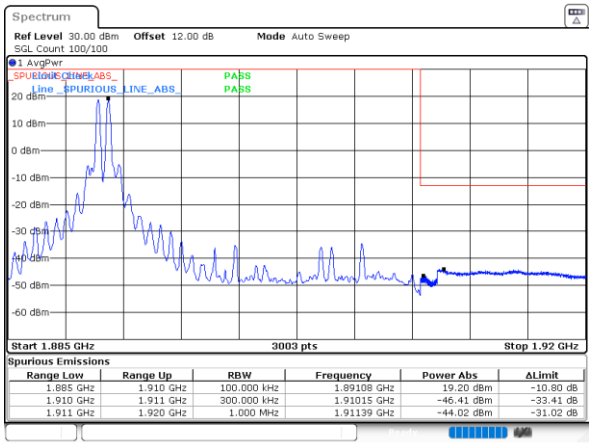


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84882 GHz	-37.41 dBm	-24.41 dB
1.849 GHz	1.850 GHz	300.000 kHz	1.84976 GHz	-39.54 dBm	-26.54 dB
1.850 GHz	1.875 GHz	100.000 kHz	1.85548 GHz	19.49 dBm	-10.51 dB

Date: 16.DEC.2022 00:57:26

Highest Band Edge / 1RB24 and 1RB0

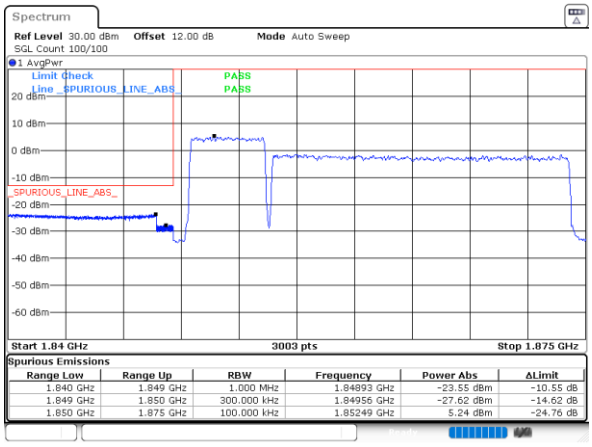


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.885 GHz	1.910 GHz	100.000 kHz	1.89108 GHz	19.20 dBm	-10.80 dB
1.910 GHz	1.911 GHz	300.000 kHz	1.91015 GHz	-46.41 dBm	-33.41 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91139 GHz	-44.02 dBm	-31.02 dB

Date: 16.DEC.2022 01:13:25

Lowest Band Edge / Full RB

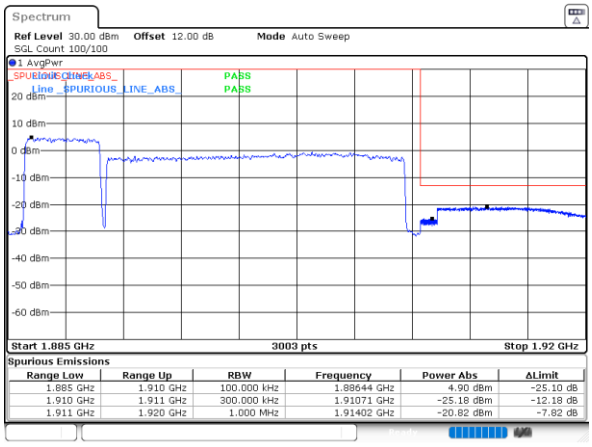


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84893 GHz	-23.55 dBm	-10.55 dB
1.849 GHz	1.850 GHz	300.000 kHz	1.84956 GHz	-27.62 dBm	-14.62 dB
1.850 GHz	1.875 GHz	100.000 kHz	1.85249 GHz	5.24 dBm	-24.76 dB

Date: 16.DEC.2022 00:55:11

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.885 GHz	1.910 GHz	100.000 kHz	1.88644 GHz	4.90 dBm	-25.10 dB
1.910 GHz	1.911 GHz	300.000 kHz	1.91071 GHz	-25.18 dBm	-12.18 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91402 GHz	-20.82 dBm	-7.82 dB

Date: 16.DEC.2022 01:11:10