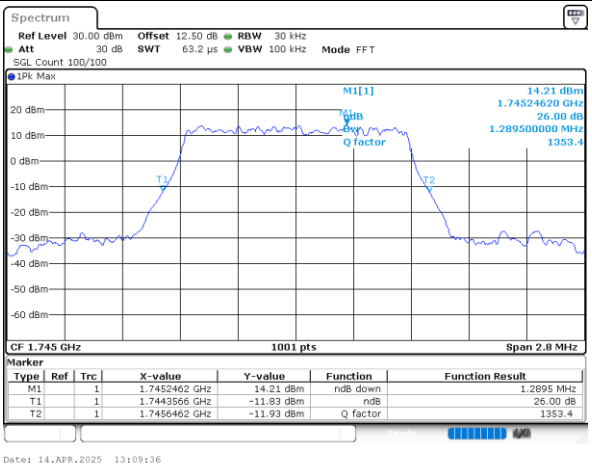
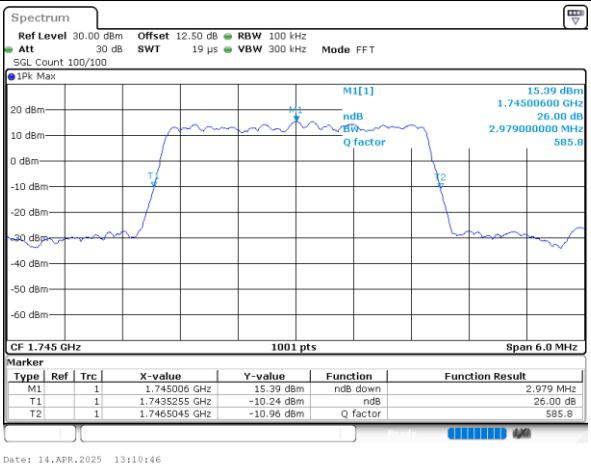
LTE Band 66

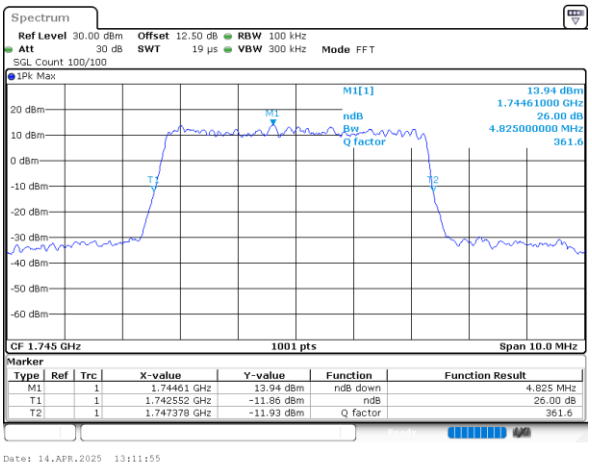
Middle Channel / 1.4MHz / 64QAM



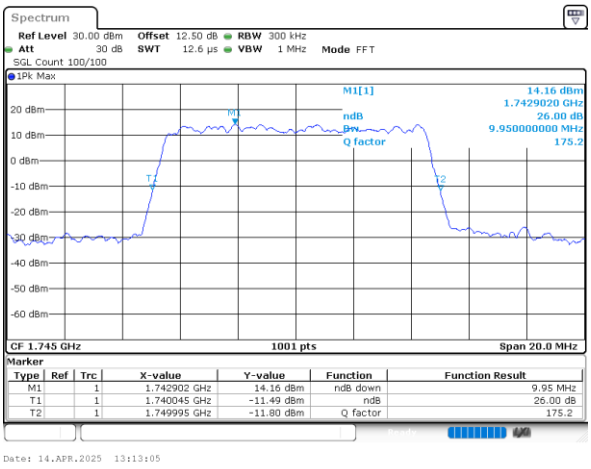
Middle Channel / 3MHz / 64QAM



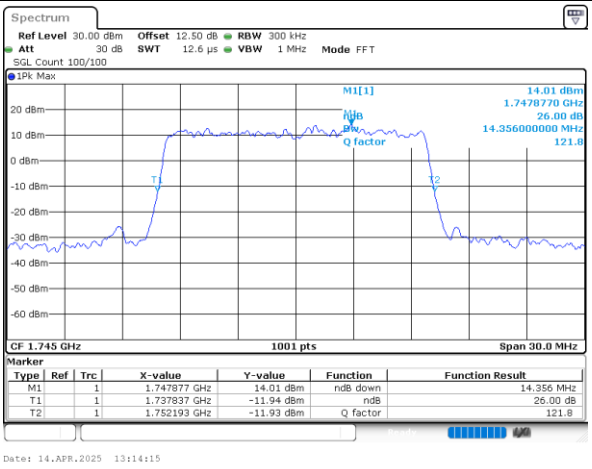
Middle Channel / 5MHz / 64QAM



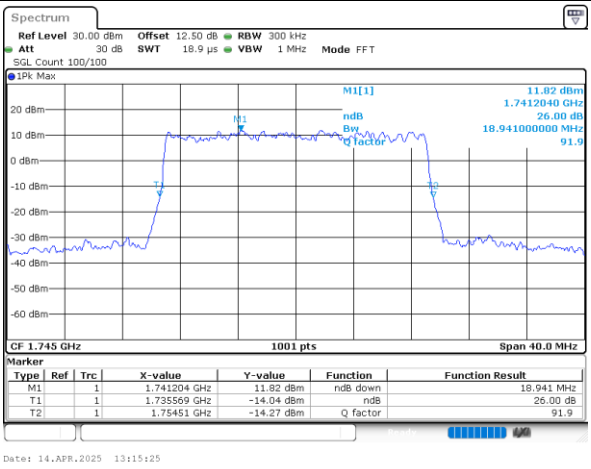
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

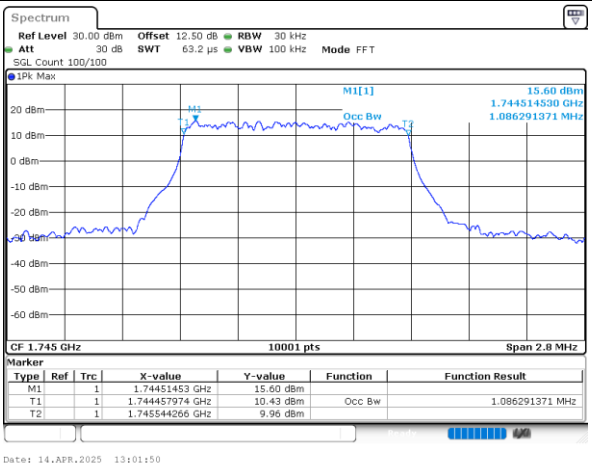


Occupied Bandwidth

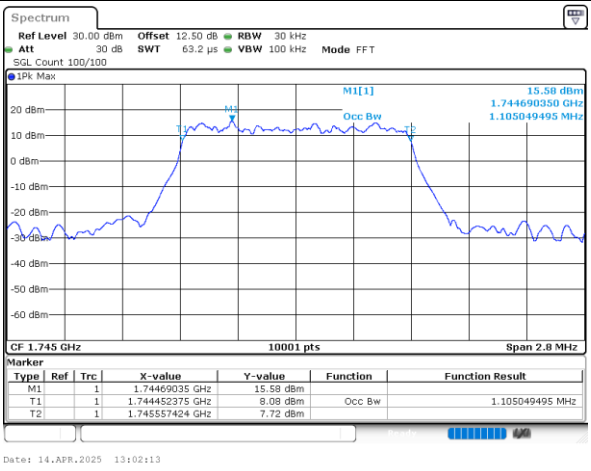
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.10	2.72	2.72	4.48	4.48	9.00	8.98	13.43	13.45	17.87	17.93
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	-	2.72	-	4.49	-	9.05	-	13.41	-	17.87	-

LTE Band 66

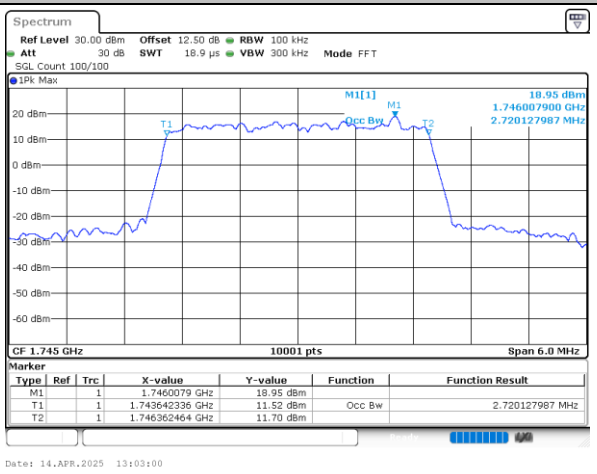
Middle Channel / 1.4MHz / QPSK



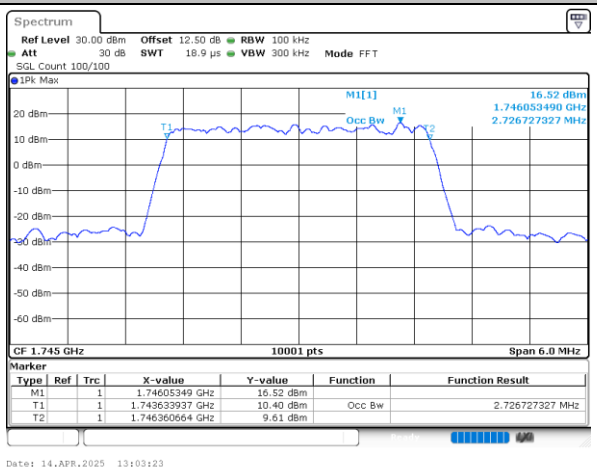
Middle Channel / 1.4MHz / 16QAM



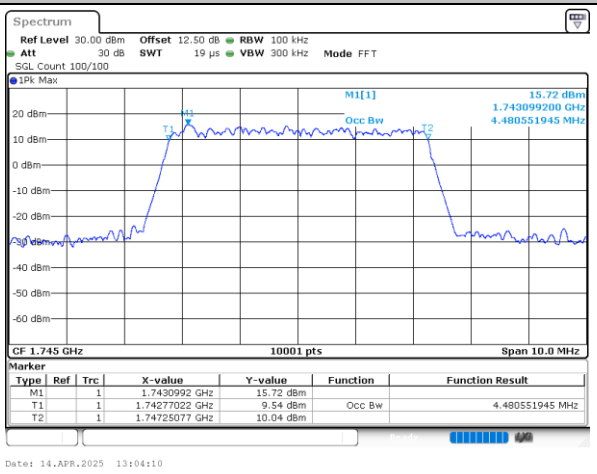
Middle Channel / 3MHz / QPSK



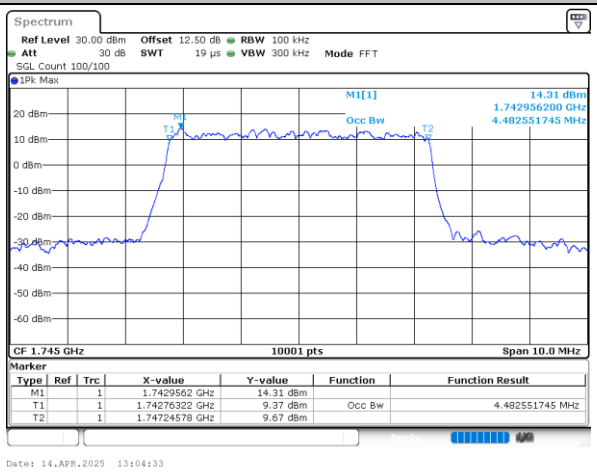
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

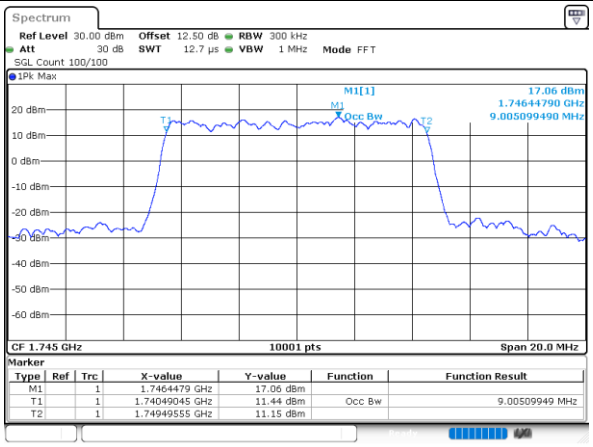


Middle Channel / 5MHz / 16QAM

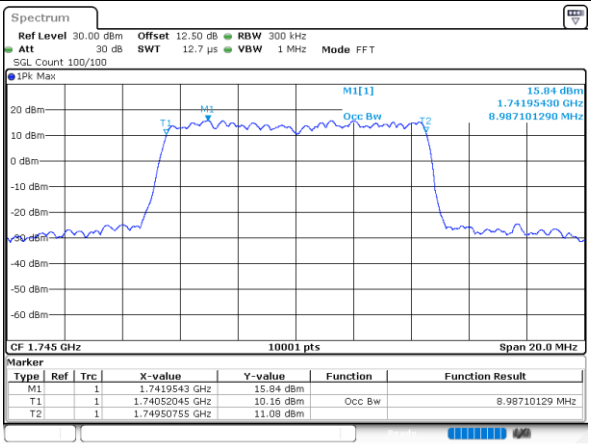


LTE Band 66

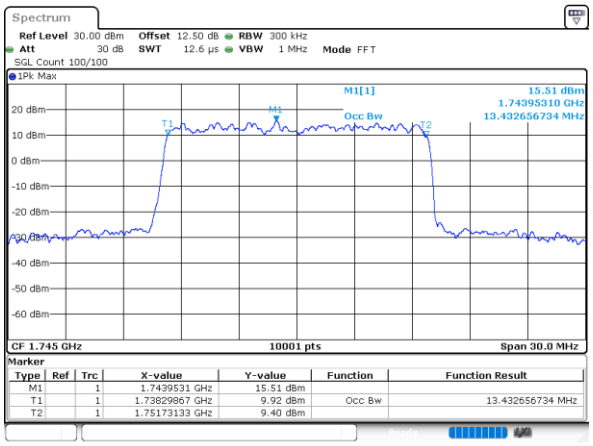
Middle Channel / 10MHz / QPSK



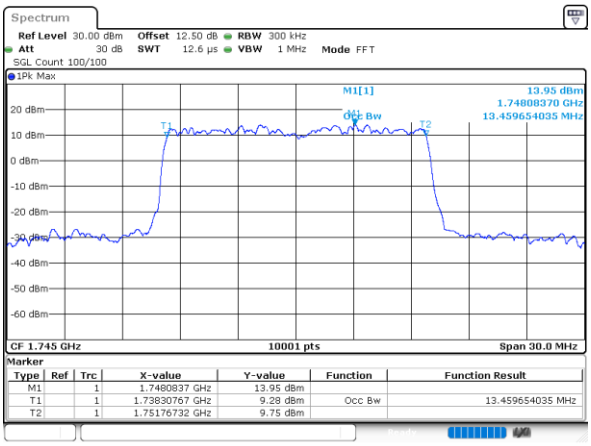
Middle Channel / 10MHz / 16QAM



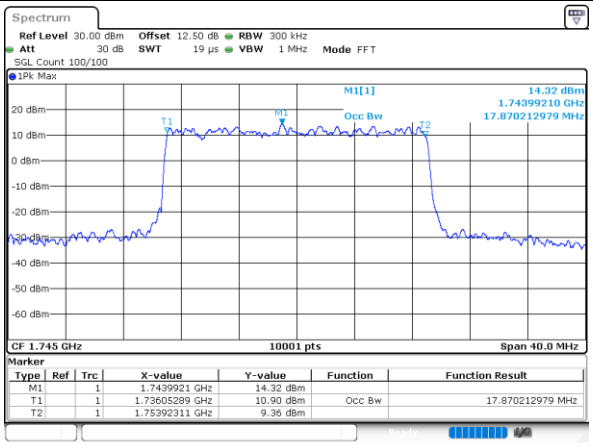
Middle Channel / 15MHz / QPSK



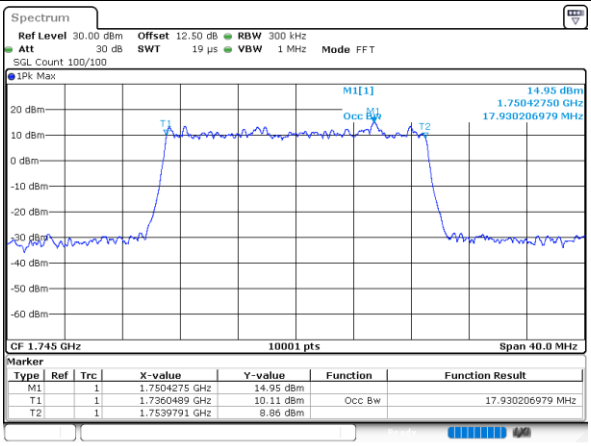
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

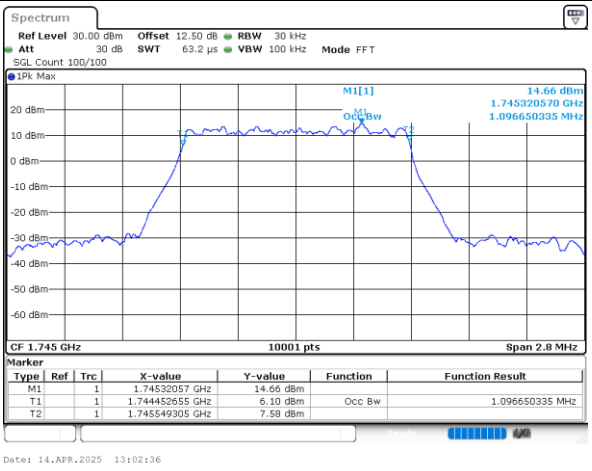


Middle Channel / 20MHz / 16QAM

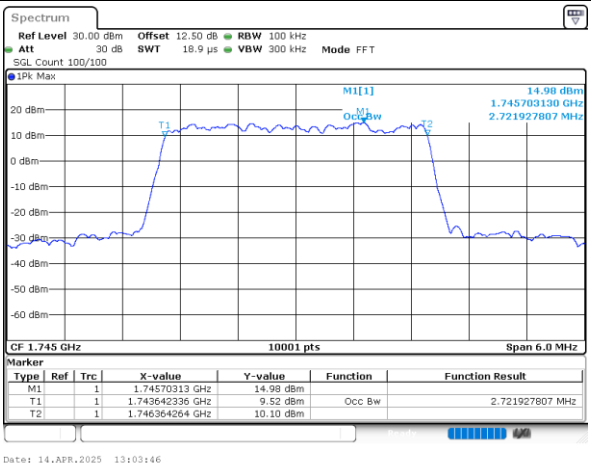


LTE Band 66

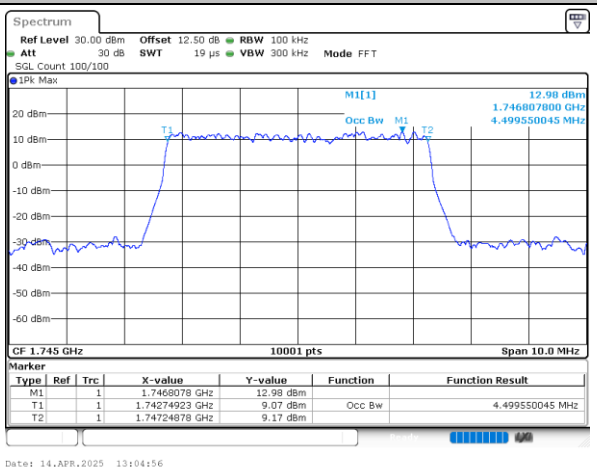
Middle Channel / 1.4MHz / 64QAM



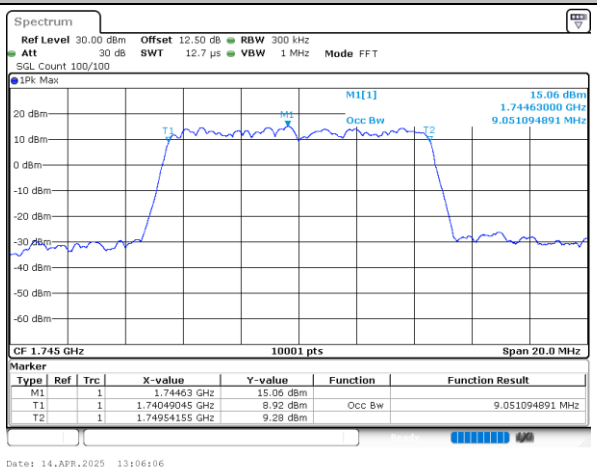
Middle Channel / 3MHz / 64QAM



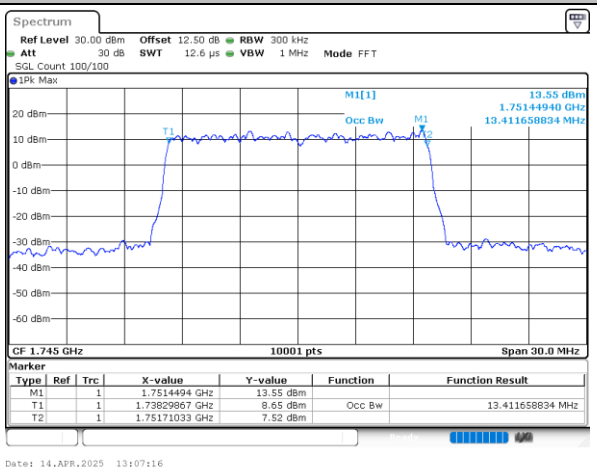
Middle Channel / 5MHz / 64QAM



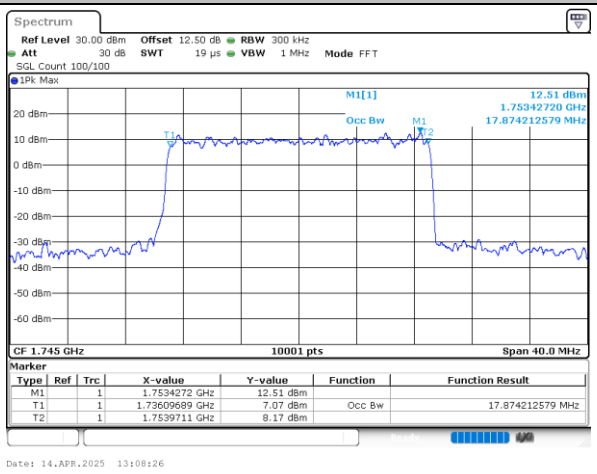
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



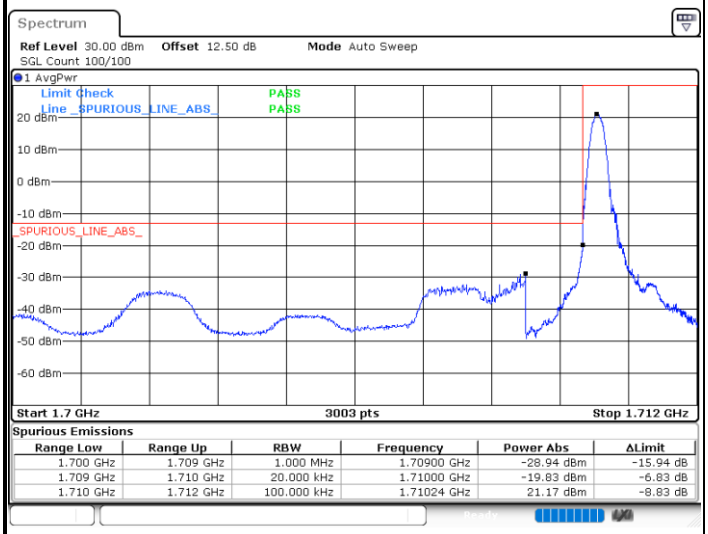
Middle Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

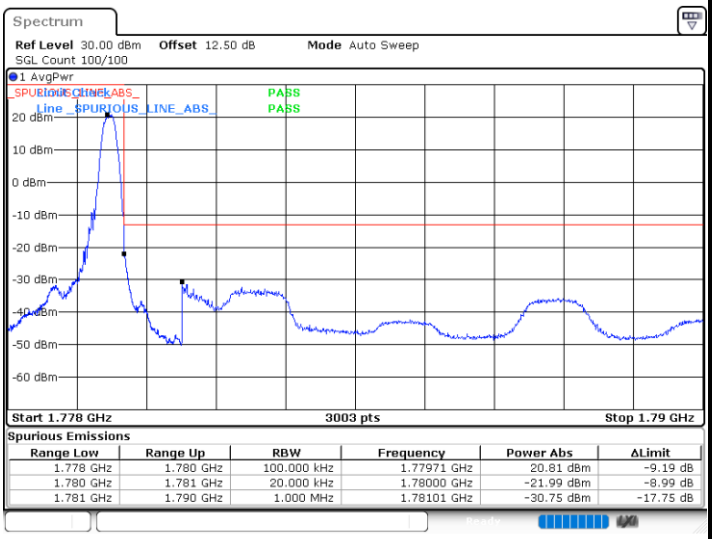


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-28.94 dBm	-15.94 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-19.83 dBm	-6.83 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	21.17 dBm	-8.83 dB

Date: 14.APR.2025 12:25:28

Highest Band Edge / 1RB

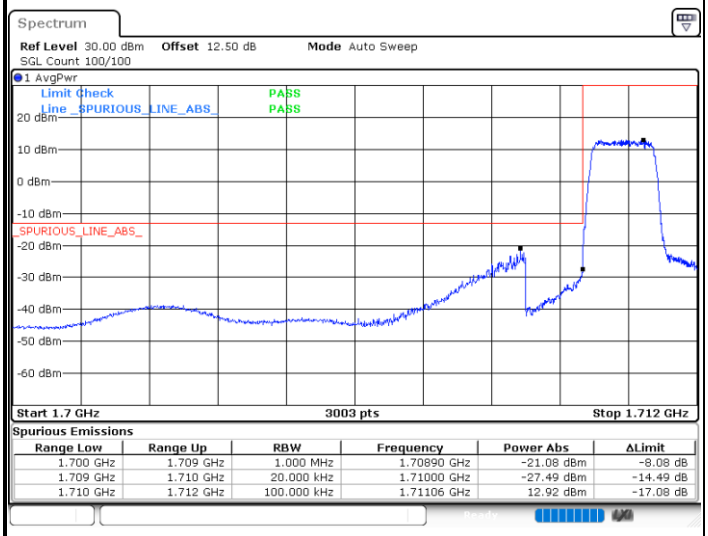


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77971 GHz	20.81 dBm	-9.19 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-21.99 dBm	-8.99 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-30.75 dBm	-17.75 dB

Date: 14.APR.2025 12:30:43

Lowest Band Edge / Full RB

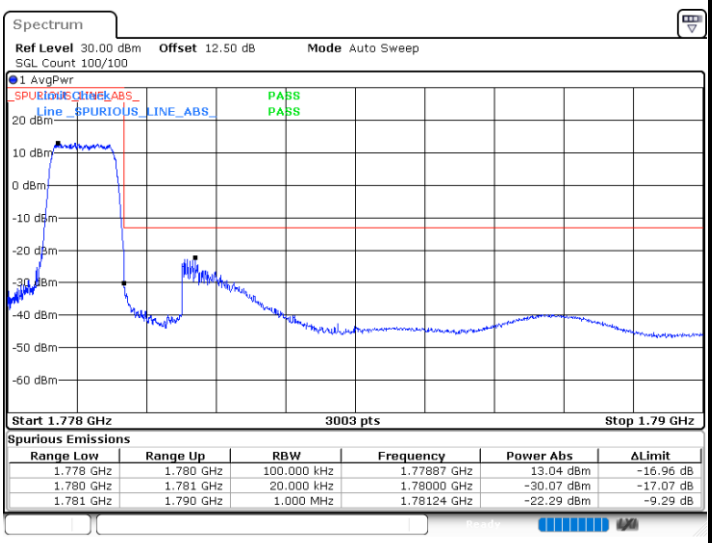


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-21.08 dBm	-8.08 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-27.49 dBm	-14.49 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71106 GHz	12.92 dBm	-17.08 dB

Date: 14.APR.2025 12:28:06

Highest Band Edge / Full RB



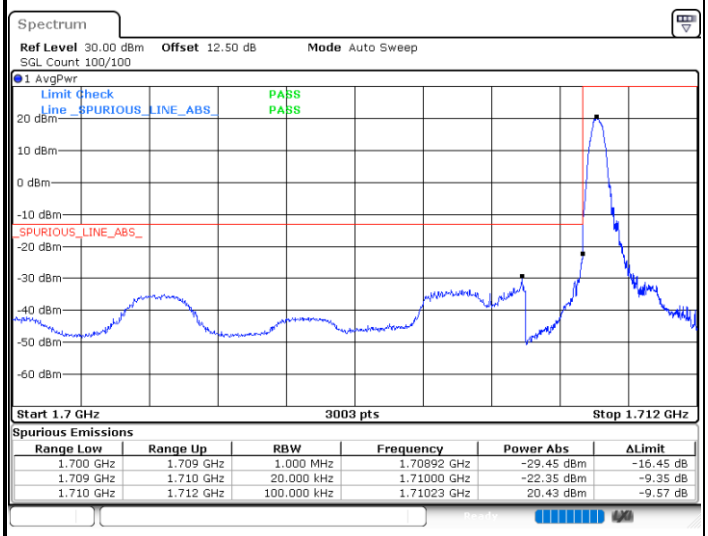
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77887 GHz	13.04 dBm	-16.96 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-30.07 dBm	-17.07 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78124 GHz	-22.29 dBm	-9.29 dB

Date: 14.APR.2025 12:33:22

LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

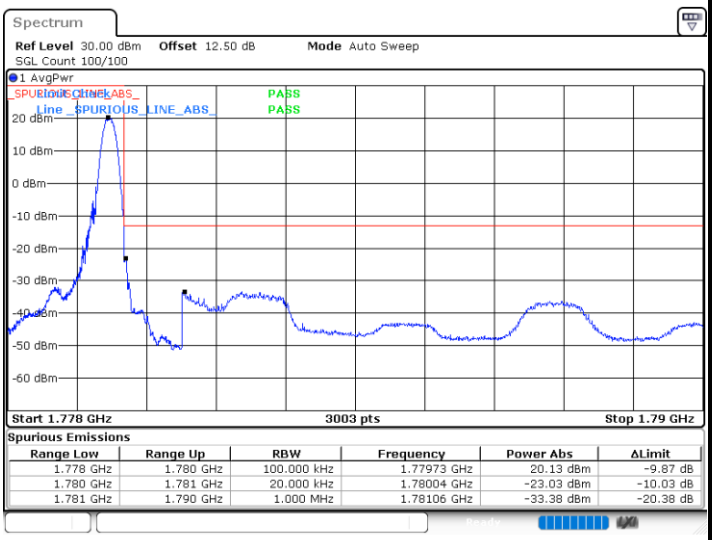


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-29.45 dBm	-16.45 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-22.35 dBm	-9.35 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71023 GHz	20.43 dBm	-9.57 dB

Date: 14.APR.2025 12:26:20

Highest Band Edge / 1 RB

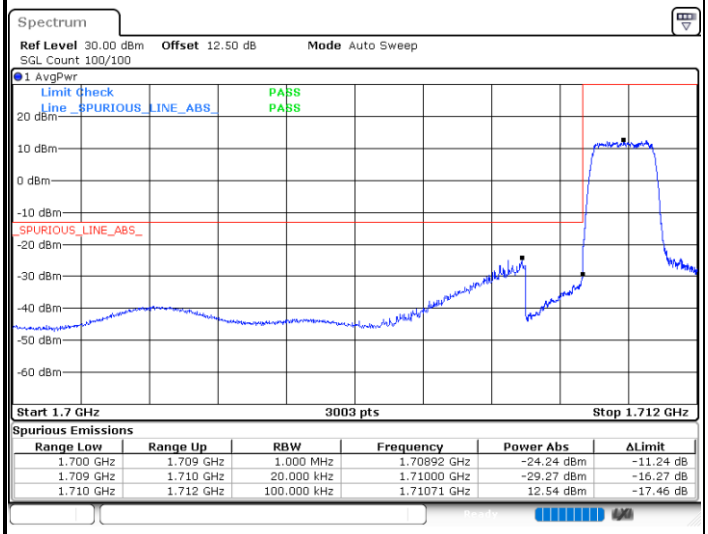


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77973 GHz	20.13 dBm	-9.87 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78004 GHz	-23.03 dBm	-10.03 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78106 GHz	-33.38 dBm	-20.38 dB

Date: 14.APR.2025 12:31:36

Lowest Band Edge / Full RB

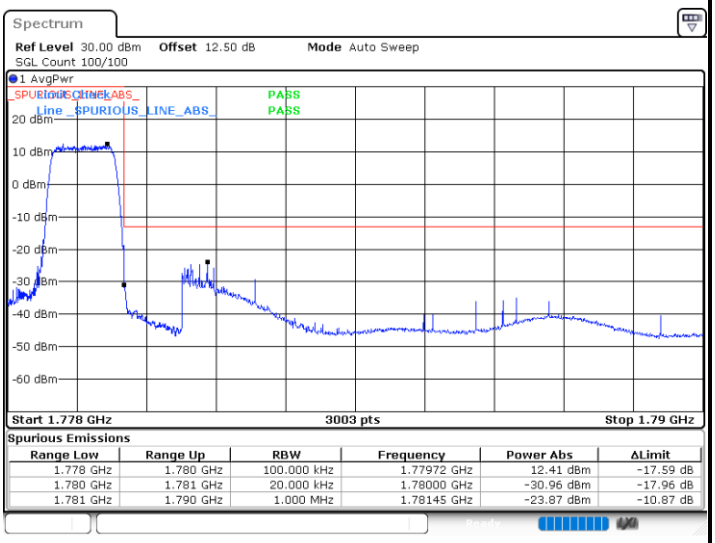


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-24.24 dBm	-11.24 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.27 dBm	-16.27 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71071 GHz	12.54 dBm	-17.46 dB

Date: 14.APR.2025 12:28:58

Highest Band Edge / Full RB



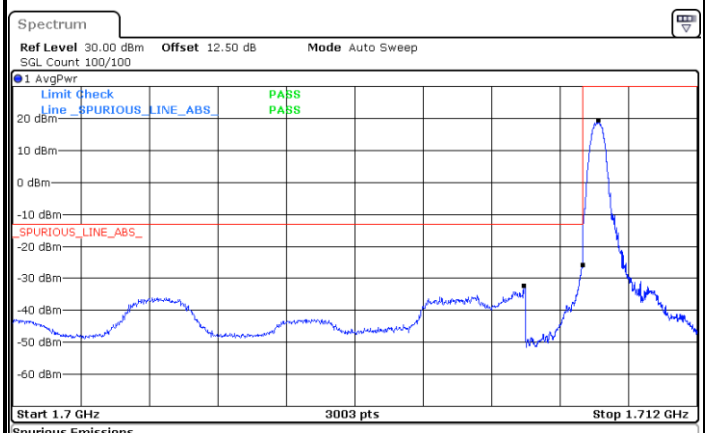
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77972 GHz	12.41 dBm	-17.59 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-30.96 dBm	-17.96 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78145 GHz	-23.87 dBm	-10.87 dB

Date: 14.APR.2025 12:34:14

LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

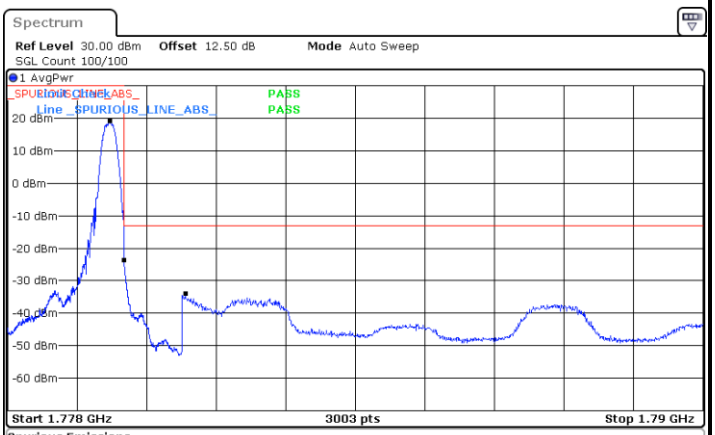


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-32.37 dBm	-19.37 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-25.92 dBm	-12.92 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71027 GHz	19.43 dBm	-10.57 dB

Date: 14.APR.2025 12:27:13

Highest Band Edge / 1 RB

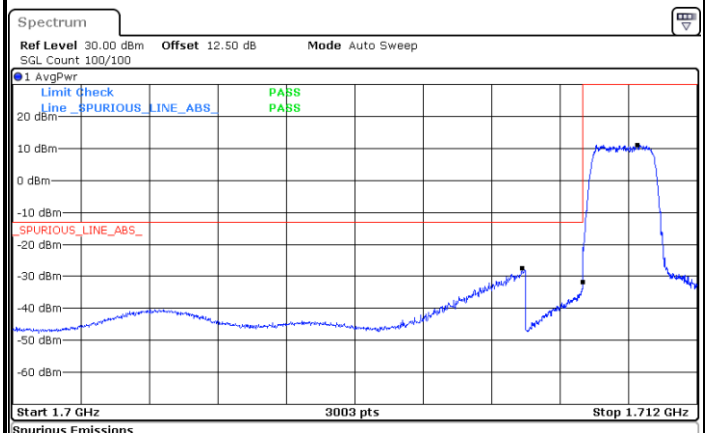


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77976 GHz	19.12 dBm	-10.88 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-23.66 dBm	-10.66 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78107 GHz	-33.83 dBm	-20.83 dB

Date: 14.APR.2025 12:32:29

Lowest Band Edge / Full RB

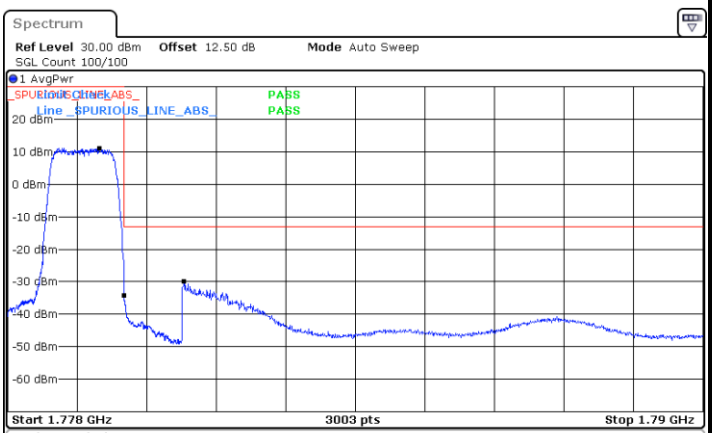


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-27.44 dBm	-14.44 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-31.90 dBm	-18.90 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71095 GHz	11.09 dBm	-18.91 dB

Date: 14.APR.2025 12:29:51

Highest Band Edge / Full RB



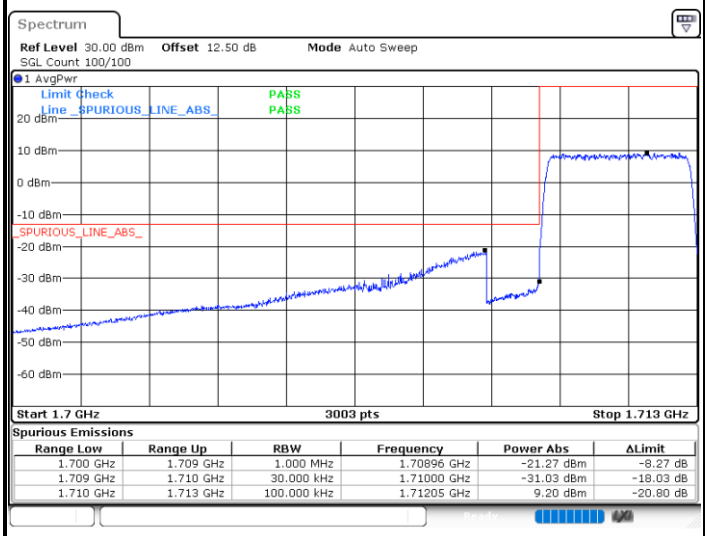
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77958 GHz	11.13 dBm	-18.87 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-34.32 dBm	-21.32 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-29.96 dBm	-16.96 dB

Date: 14.APR.2025 12:35:07

LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

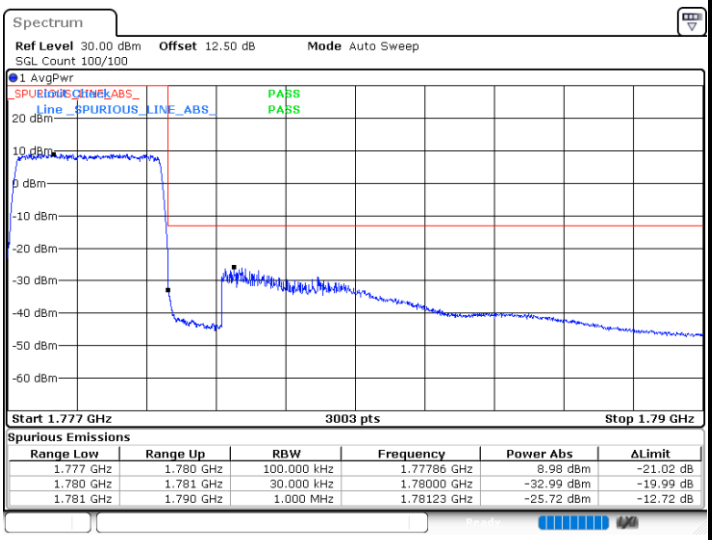


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-21.27 dBm	-8.27 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-31.03 dBm	-18.03 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71205 GHz	9.20 dBm	-20.80 dB

Date: 14.APR.2025 12:36:00

Highest Band Edge / Full RB



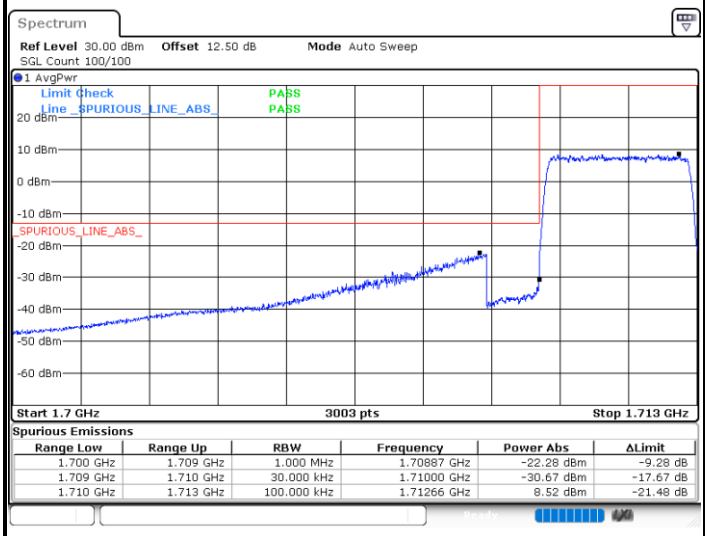
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77786 GHz	8.98 dBm	-21.02 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-32.99 dBm	-19.99 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78123 GHz	-25.72 dBm	-12.72 dB

Date: 14.APR.2025 12:38:38

LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB

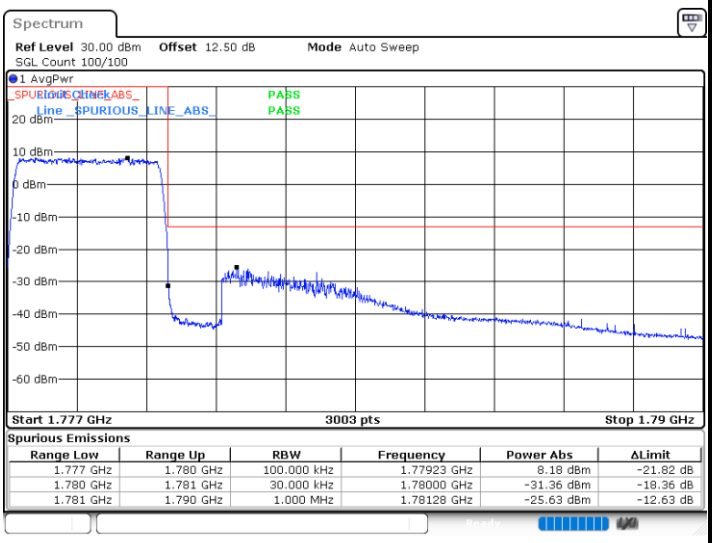


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-22.28 dBm	-9.28 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-30.67 dBm	-17.67 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71266 GHz	8.52 dBm	-21.48 dB

Date: 14.APR.2025 12:36:53

Highest Band Edge / Full RB



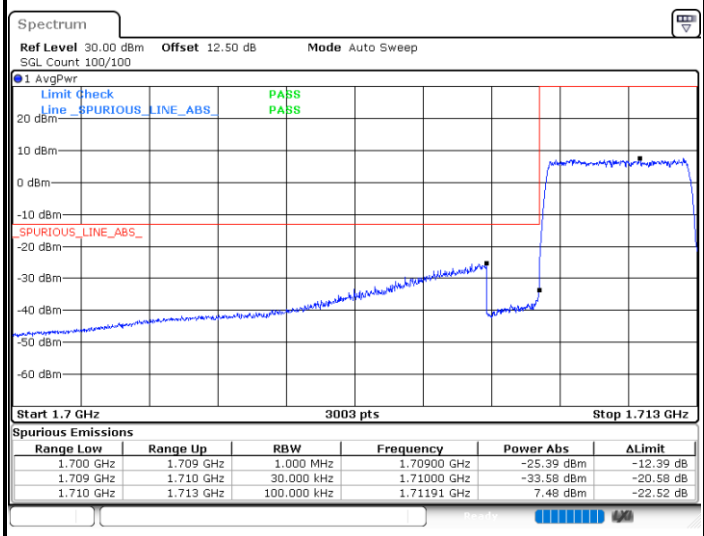
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77923 GHz	8.18 dBm	-21.82 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-31.36 dBm	-18.36 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78128 GHz	-25.63 dBm	-12.63 dB

Date: 14.APR.2025 12:39:30

LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB

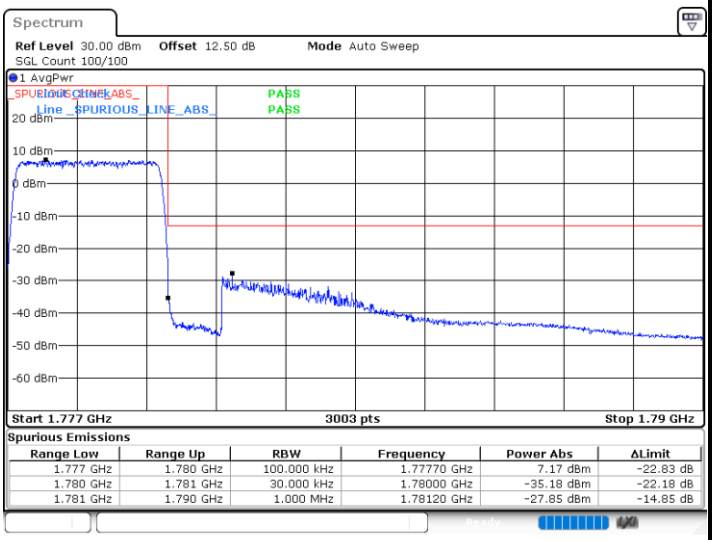


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-25.39 dBm	-12.39 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-33.58 dBm	-20.58 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71191 GHz	7.48 dBm	-22.52 dB

Date: 14.APR.2025 12:37:45

Highest Band Edge / Full RB



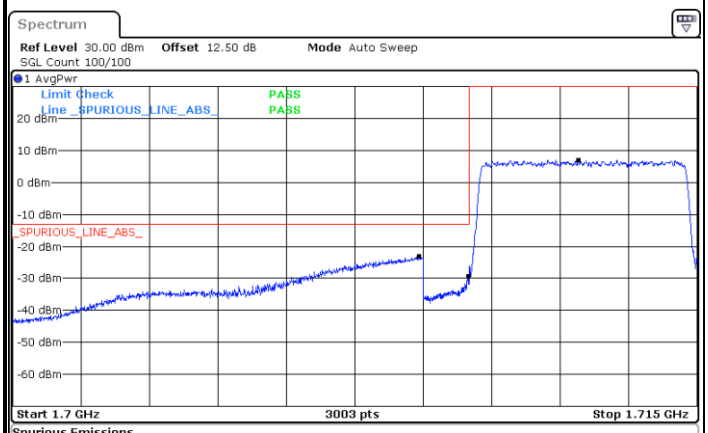
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77770 GHz	7.17 dBm	-22.83 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-35.18 dBm	-22.18 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78120 GHz	-27.85 dBm	-14.85 dB

Date: 14.APR.2025 12:40:23

LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB

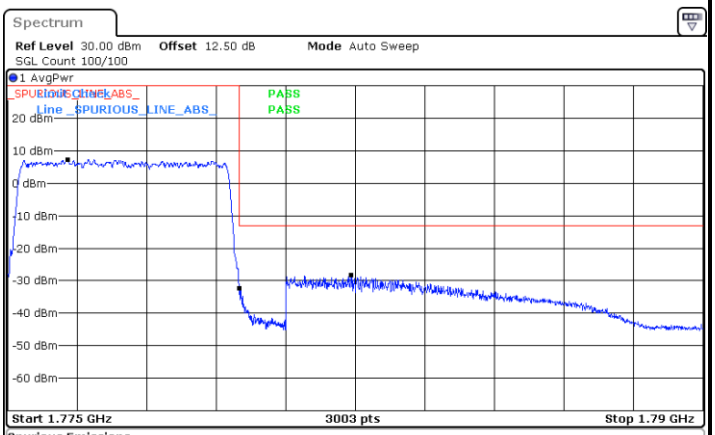


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-23.21 dBm	-10.21 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-29.29 dBm	-16.29 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71239 GHz	6.99 dBm	-23.01 dB

Date: 14.APR.2025 12:41:16

Highest Band Edge / Full RB



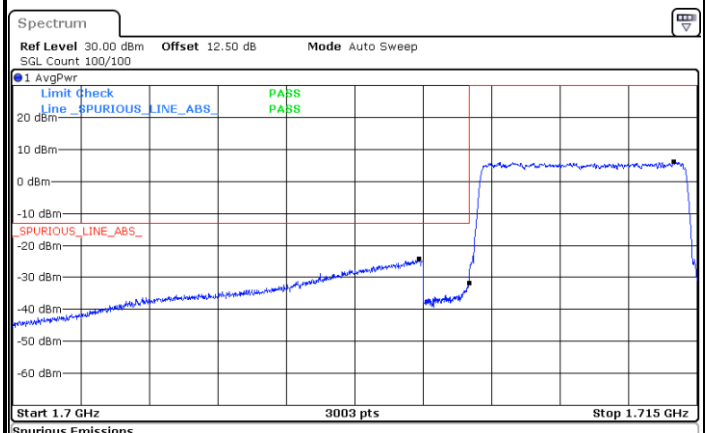
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.775 GHz	1.780 GHz	100.000 kHz	1.77630 GHz	7.22 dBm	-22.78 dB
1.780 GHz	1.781 GHz	50.000 kHz	1.78000 GHz	-32.41 dBm	-19.41 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78241 GHz	-28.29 dBm	-15.29 dB

Date: 14.APR.2025 12:43:53

LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB

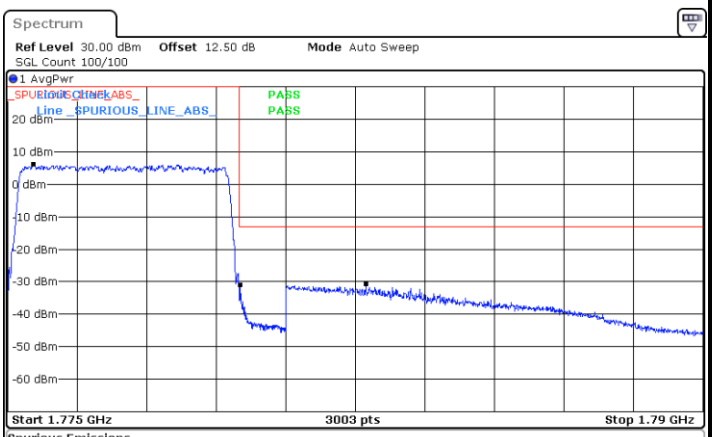


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-24.21 dBm	-11.21 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-31.69 dBm	-18.69 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71448 GHz	6.13 dBm	-23.87 dB

Date: 14.APR.2025 12:42:08

Highest Band Edge / Full RB



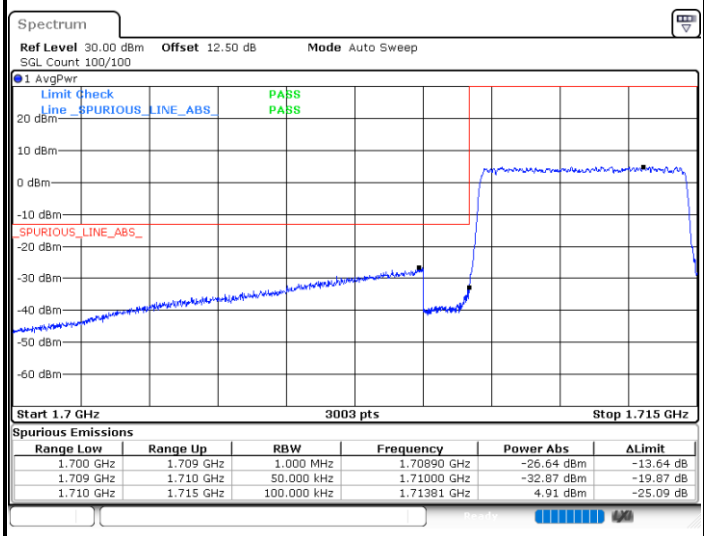
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.775 GHz	1.780 GHz	100.000 kHz	1.77556 GHz	6.04 dBm	-23.96 dB
1.780 GHz	1.781 GHz	50.000 kHz	1.78001 GHz	-31.07 dBm	-18.07 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78273 GHz	-30.75 dBm	-17.75 dB

Date: 14.APR.2025 12:44:46

LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

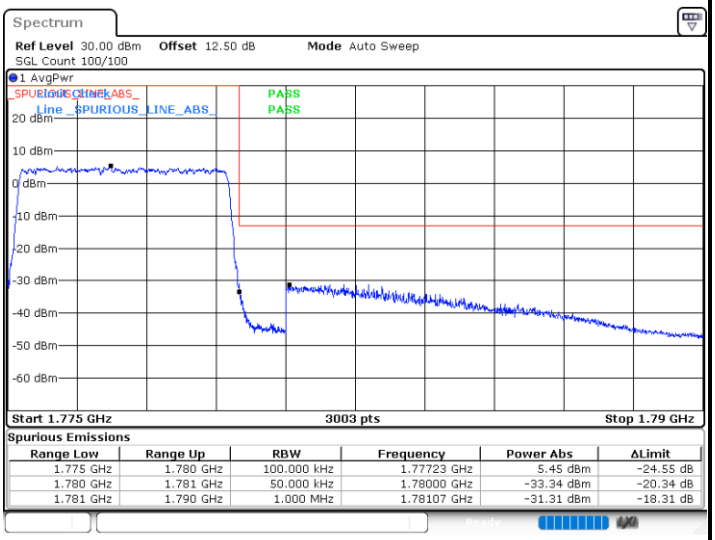


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-26.64 dBm	-13.64 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-32.87 dBm	-19.87 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71381 GHz	4.91 dBm	-25.09 dB

Date: 14.APR.2025 12:43:01

Highest Band Edge / Full RB



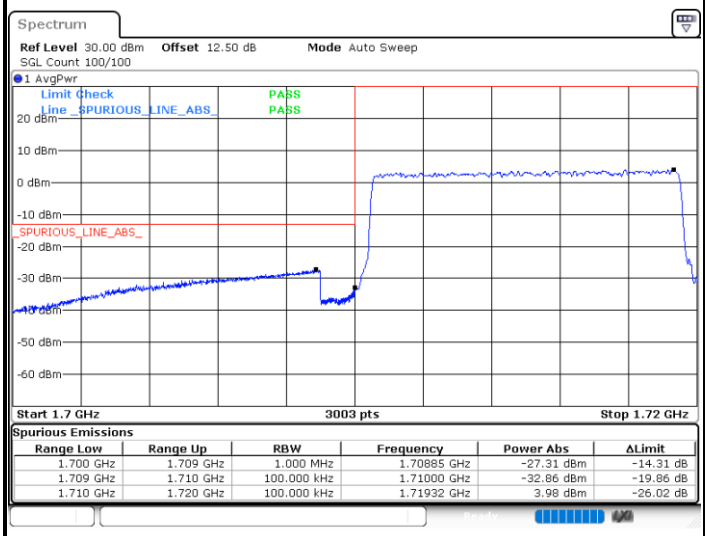
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.775 GHz	1.780 GHz	100.000 kHz	1.77723 GHz	5.45 dBm	-24.55 dB
1.780 GHz	1.781 GHz	50.000 kHz	1.78000 GHz	-33.34 dBm	-20.34 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78107 GHz	-31.31 dBm	-18.31 dB

Date: 14.APR.2025 12:45:38

LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

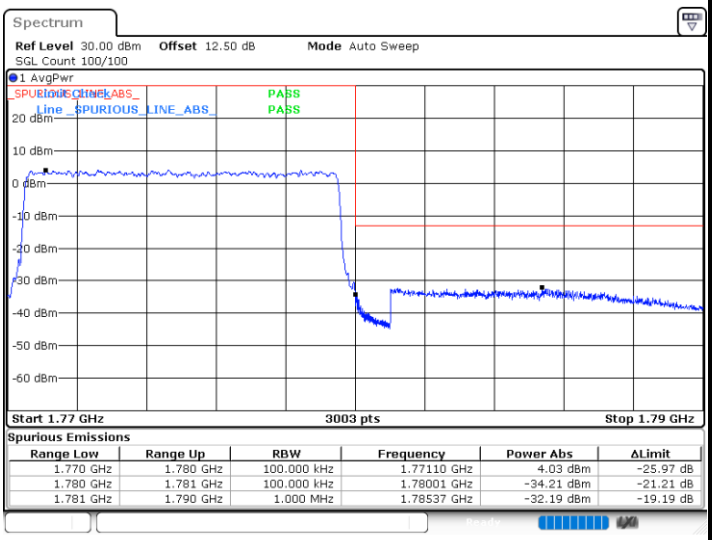


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-27.31 dBm	-14.31 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-32.86 dBm	-19.86 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71932 GHz	3.98 dBm	-26.02 dB

Date: 14.APR.2025 12:46:31

Highest Band Edge / Full RB



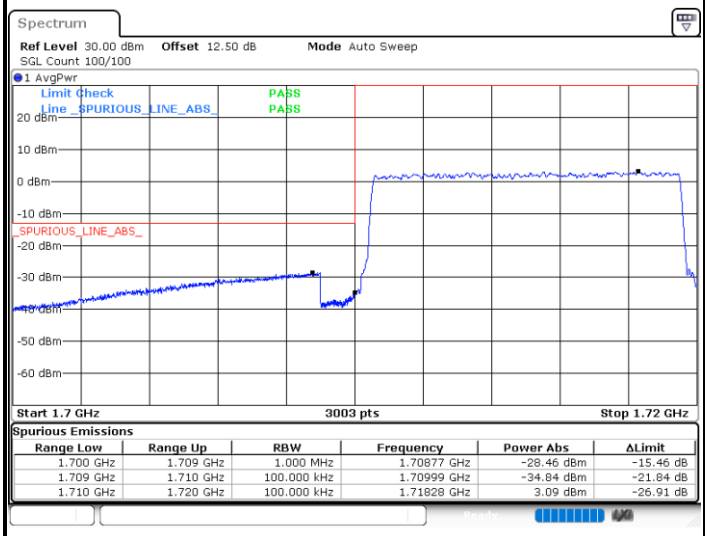
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77110 GHz	4.03 dBm	-25.97 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78001 GHz	-34.21 dBm	-21.21 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78537 GHz	-32.19 dBm	-19.19 dB

Date: 14.APR.2025 12:49:09

LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB

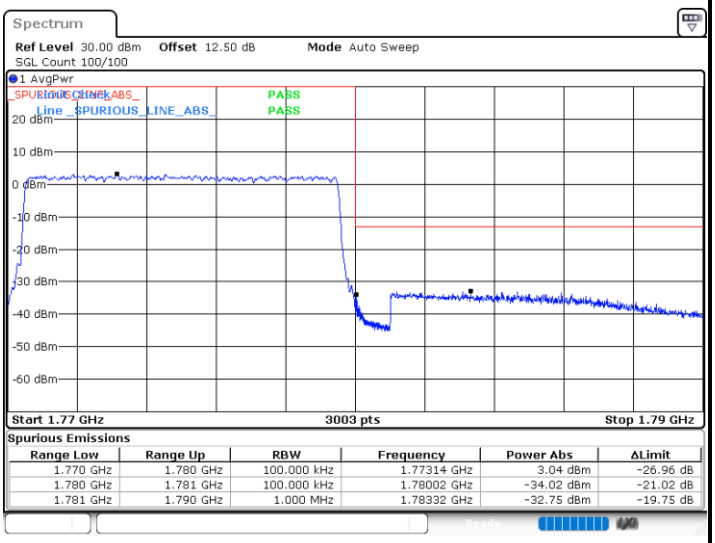


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70877 GHz	-28.46 dBm	-15.46 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-34.84 dBm	-21.84 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71828 GHz	3.09 dBm	-26.91 dB

Date: 14.APR.2025 12:47:24

Highest Band Edge / Full RB



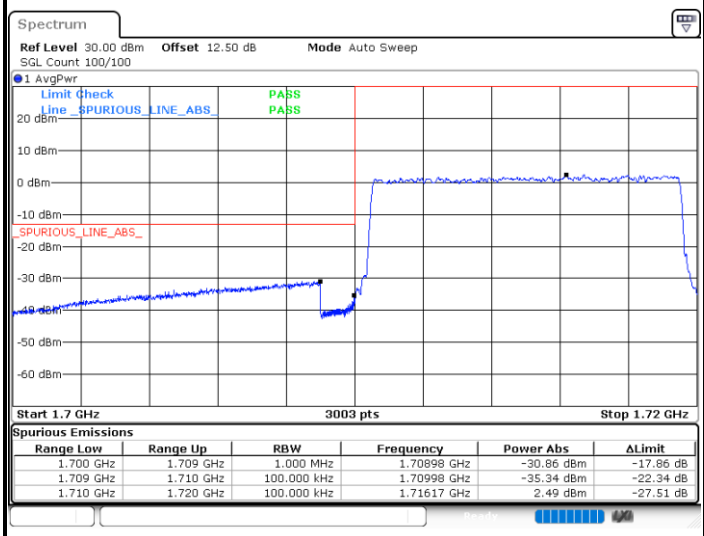
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77314 GHz	3.04 dBm	-26.96 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78002 GHz	-34.02 dBm	-21.02 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78332 GHz	-32.75 dBm	-19.75 dB

Date: 14.APR.2025 12:50:02

LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

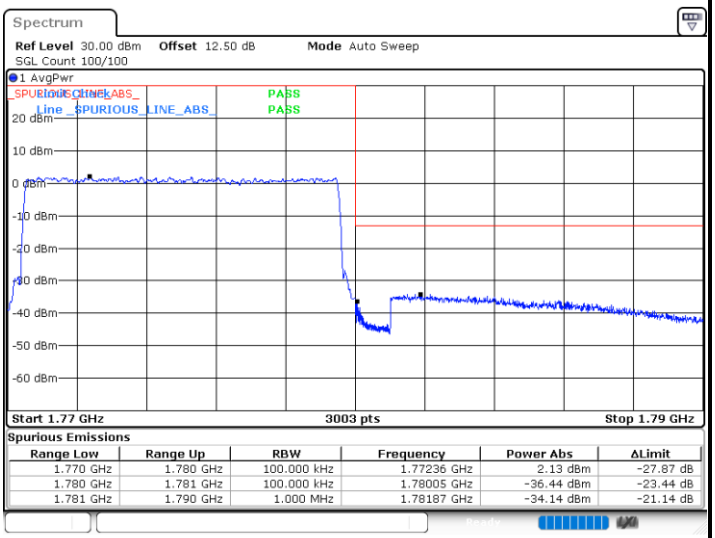


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-30.86 dBm	-17.86 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70998 GHz	-35.34 dBm	-22.34 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71617 GHz	2.49 dBm	-27.51 dB

Date: 14.APR.2025 12:48:16

Highest Band Edge / Full RB



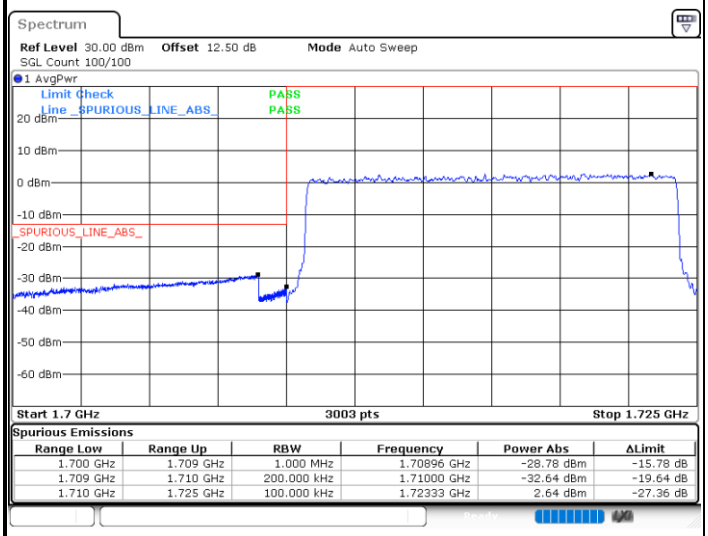
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77236 GHz	2.13 dBm	-27.87 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78005 GHz	-36.44 dBm	-23.44 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78187 GHz	-34.14 dBm	-21.14 dB

Date: 14.APR.2025 12:50:54

LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB

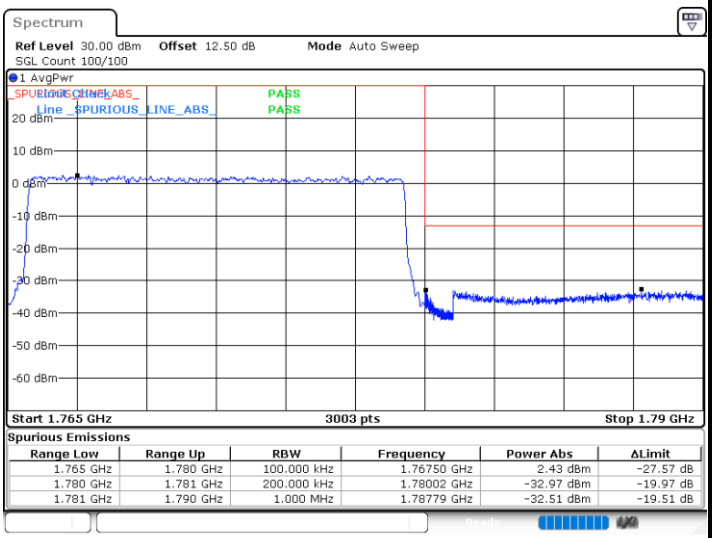


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-28.78 dBm	-15.78 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-32.64 dBm	-19.64 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72333 GHz	2.64 dBm	-27.36 dB

Date: 14.APR.2025 12:51:47

Highest Band Edge / Full RB



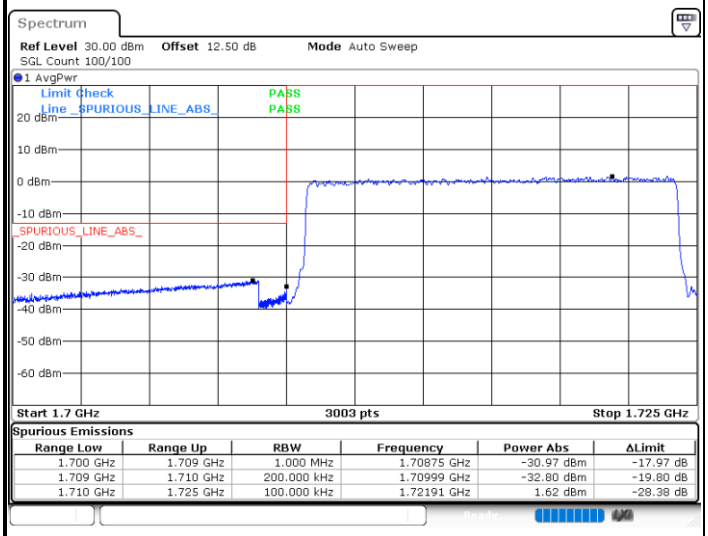
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76750 GHz	2.43 dBm	-27.57 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78002 GHz	-32.97 dBm	-19.97 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78779 GHz	-32.51 dBm	-19.51 dB

Date: 14.APR.2025 12:54:25

LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB

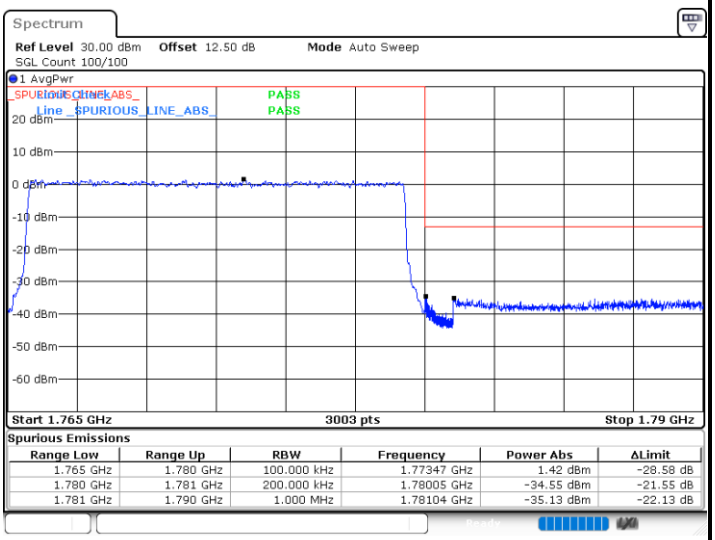


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70875 GHz	-30.97 dBm	-17.97 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-32.80 dBm	-19.80 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72191 GHz	1.62 dBm	-28.38 dB

Date: 14.APR.2025 12:52:40

Highest Band Edge / Full RB



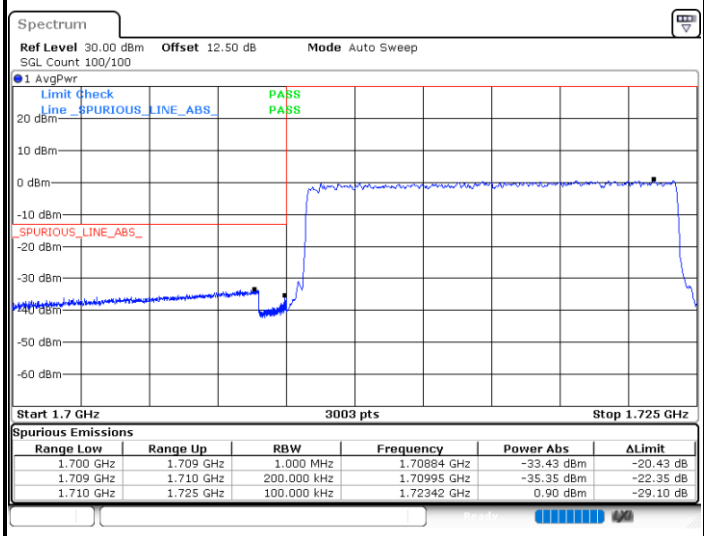
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77347 GHz	1.42 dBm	-28.58 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78005 GHz	-34.55 dBm	-21.55 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-35.13 dBm	-22.13 dB

Date: 14.APR.2025 12:55:17

LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB

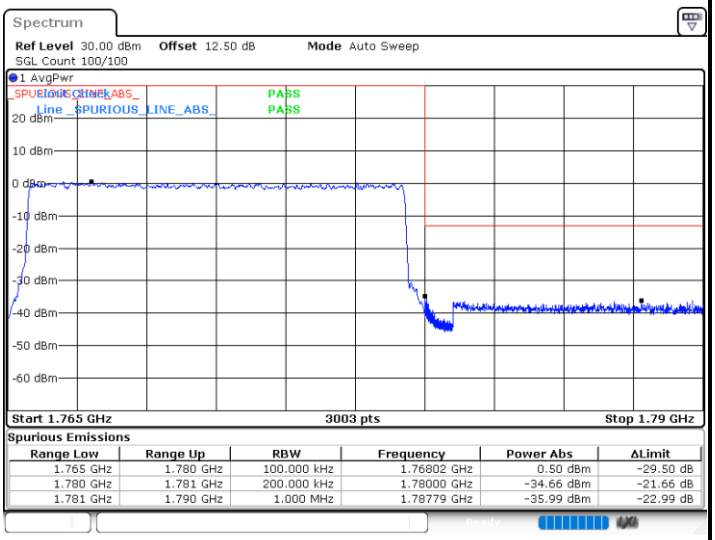


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-33.43 dBm	-20.43 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70995 GHz	-35.35 dBm	-22.35 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72342 GHz	0.90 dBm	-29.10 dB

Date: 14.APR.2025 12:53:32

Highest Band Edge / Full RB



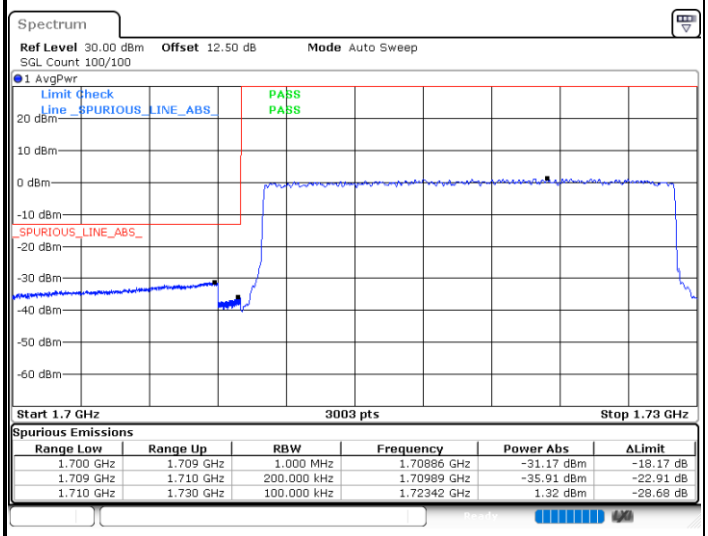
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76802 GHz	0.50 dBm	-29.50 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-34.66 dBm	-21.66 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78779 GHz	-35.99 dBm	-22.99 dB

Date: 14.APR.2025 12:56:10

LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB

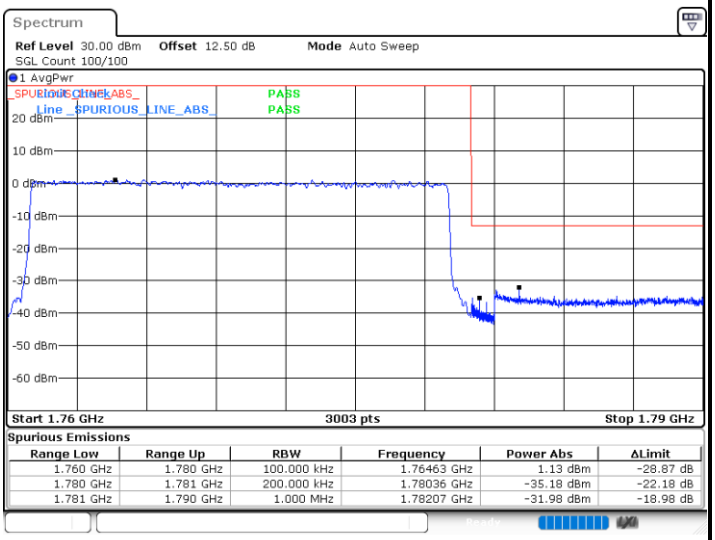


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70886 GHz	-31.17 dBm	-18.17 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70989 GHz	-35.91 dBm	-22.91 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72342 GHz	1.32 dBm	-28.68 dB

Date: 14.APR.2025 12:57:03

Highest Band Edge / Full RB



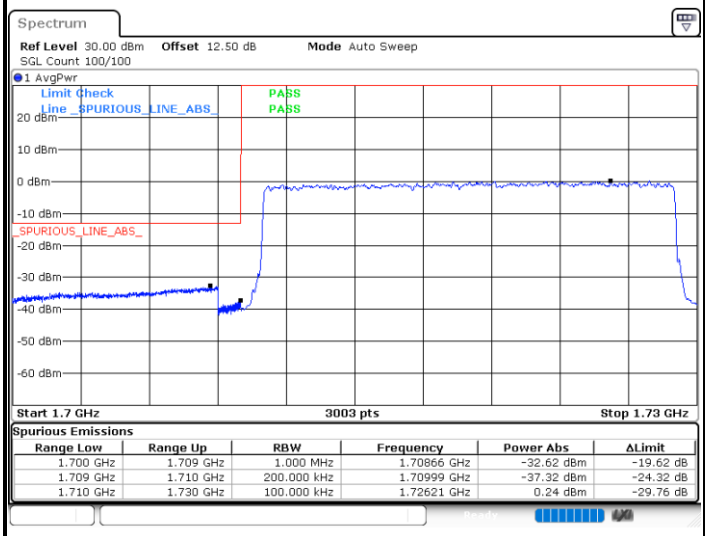
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76463 GHz	1.13 dBm	-28.87 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78036 GHz	-35.18 dBm	-22.18 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78207 GHz	-31.98 dBm	-18.98 dB

Date: 14.APR.2025 12:59:41

LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB

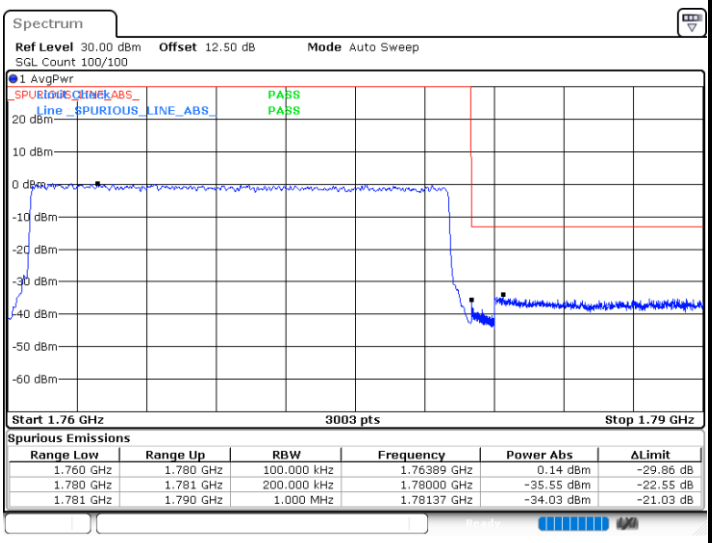


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70866 GHz	-32.62 dBm	-19.62 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-37.32 dBm	-24.32 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72621 GHz	0.24 dBm	-29.76 dB

Date: 14.APR.2025 12:57:56

Highest Band Edge / Full RB



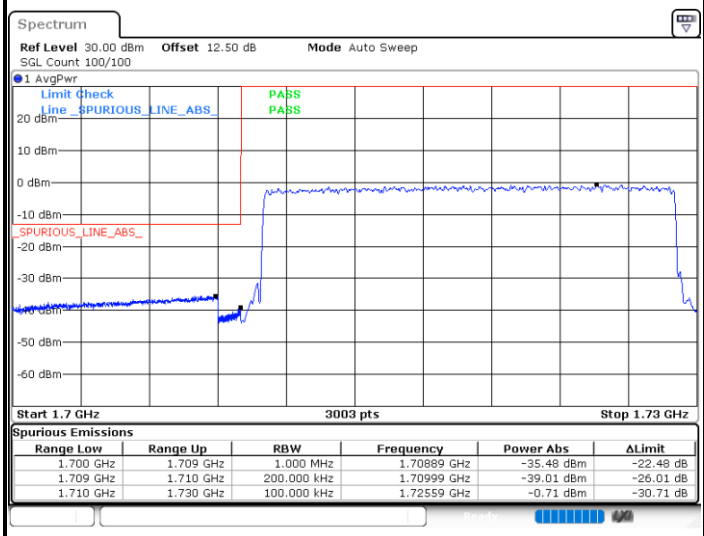
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76389 GHz	0.14 dBm	-29.86 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-35.55 dBm	-22.55 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78137 GHz	-34.03 dBm	-21.03 dB

Date: 14.APR.2025 13:00:33

LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB

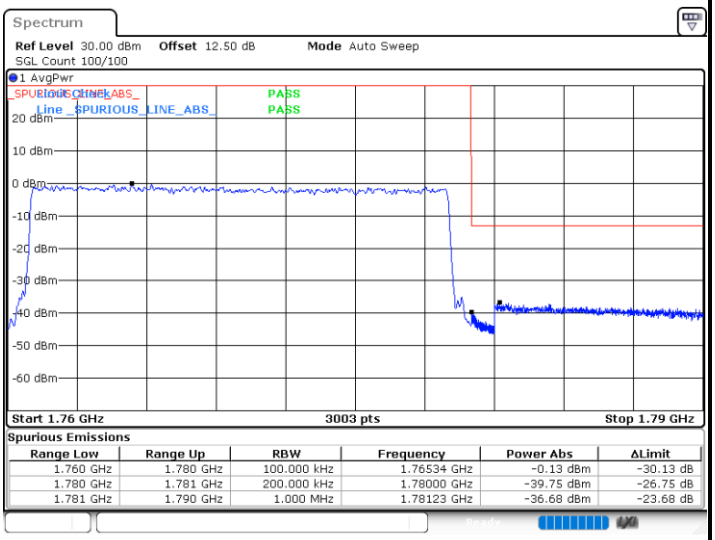


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70889 GHz	-35.48 dBm	-22.48 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-39.01 dBm	-26.01 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72559 GHz	-0.71 dBm	-30.71 dB

Date: 14.APR.2025 12:58:48

Highest Band Edge / Full RB



Spurious Emissions

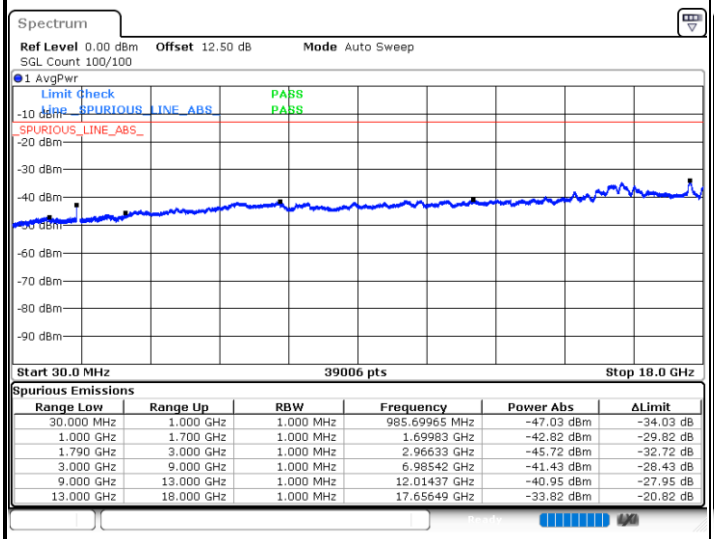
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76534 GHz	-0.13 dBm	-30.13 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-39.75 dBm	-26.75 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78123 GHz	-36.68 dBm	-23.68 dB

Date: 14.APR.2025 13:01:26

Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

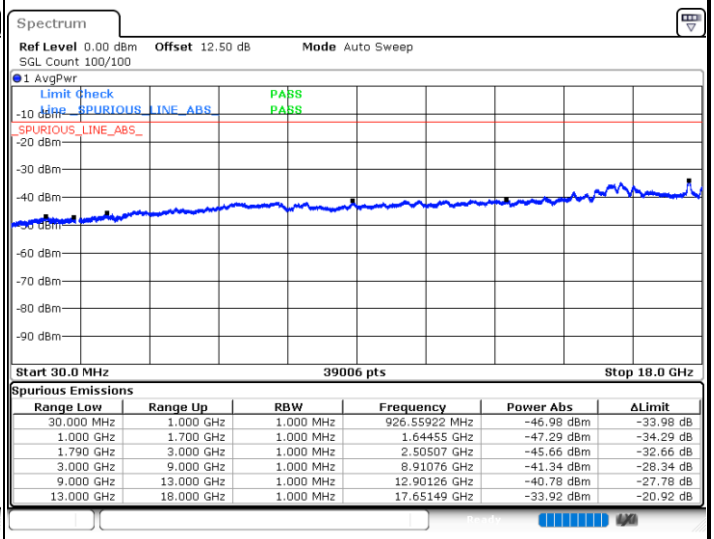


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-42.82 dBm	-29.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96633 GHz	-45.72 dBm	-32.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.01437 GHz	-40.95 dBm	-27.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65649 GHz	-33.82 dBm	-20.82 dB

Date: 14.APR.2025 13:17:49

Middle Channel / QPSK

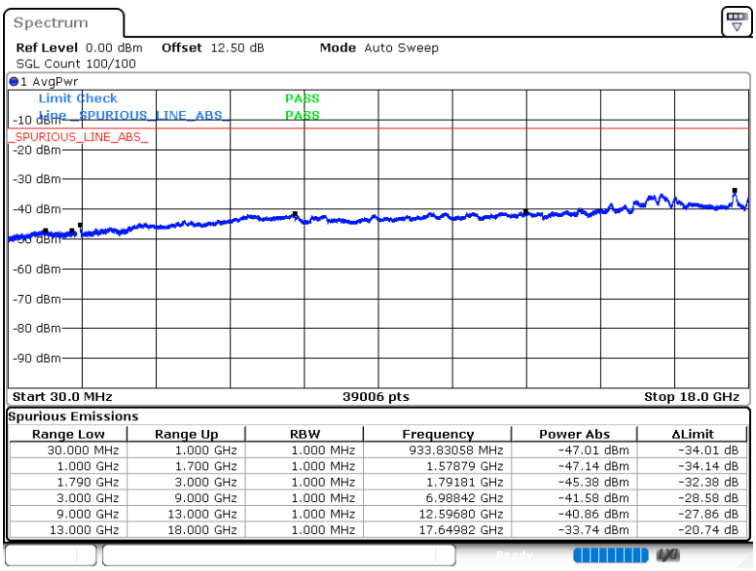


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64455 GHz	-47.29 dBm	-34.29 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.50507 GHz	-45.66 dBm	-32.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	8.91076 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.90126 GHz	-40.78 dBm	-27.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65149 GHz	-33.92 dBm	-20.92 dB

Date: 14.APR.2025 13:19:02

Highest Channel / QPSK



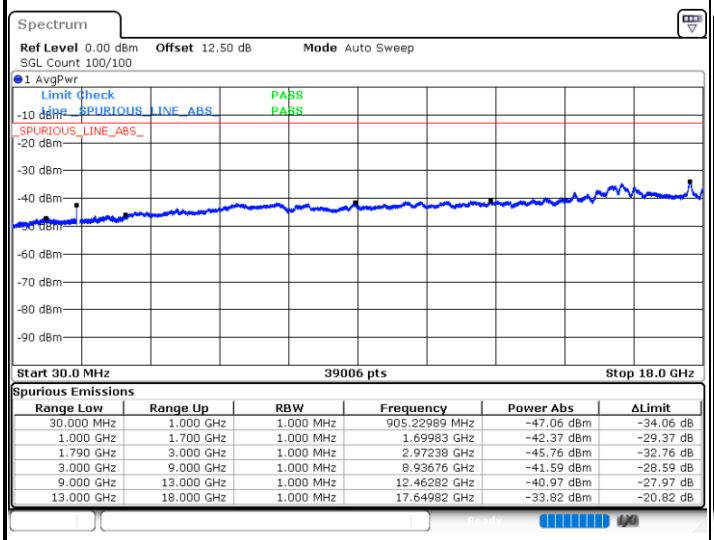
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-47.01 dBm	-34.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57879 GHz	-47.14 dBm	-34.14 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79181 GHz	-45.38 dBm	-32.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.59680 GHz	-40.86 dBm	-27.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64982 GHz	-33.74 dBm	-20.74 dB

Date: 14.APR.2025 13:20:15

LTE Band 66 / 3MHz

Lowest Channel / QPSK

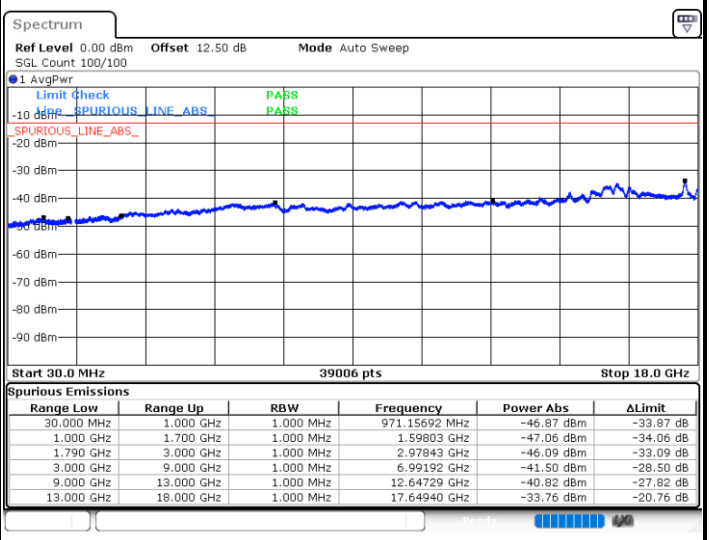


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-47.06 dBm	-34.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-42.37 dBm	-29.37 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97238 GHz	-45.76 dBm	-32.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	8.93676 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46282 GHz	-40.97 dBm	-27.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64982 GHz	-33.82 dBm	-20.82 dB

Date: 14.APR.2025 13:21:29

Middle Channel / QPSK

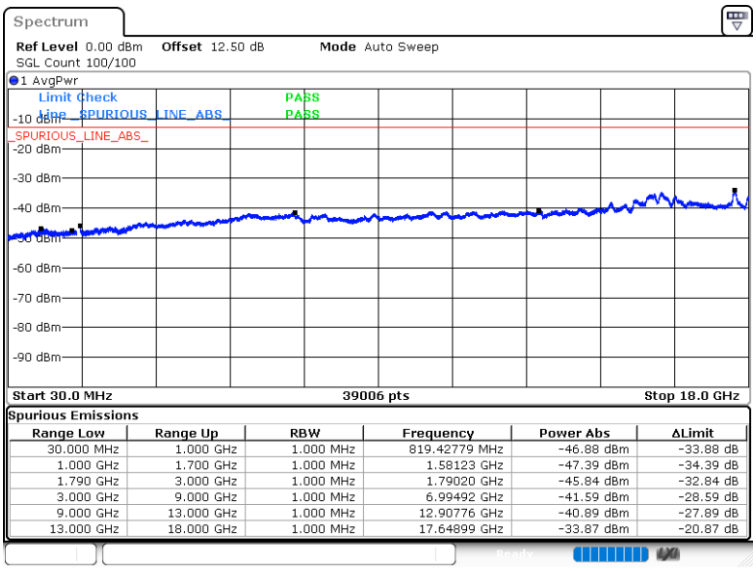


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-46.87 dBm	-33.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59803 GHz	-47.06 dBm	-34.06 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97843 GHz	-46.09 dBm	-33.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.50 dBm	-28.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64729 GHz	-40.82 dBm	-27.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64940 GHz	-33.76 dBm	-20.76 dB

Date: 14.APR.2025 13:22:43

Highest Channel / QPSK



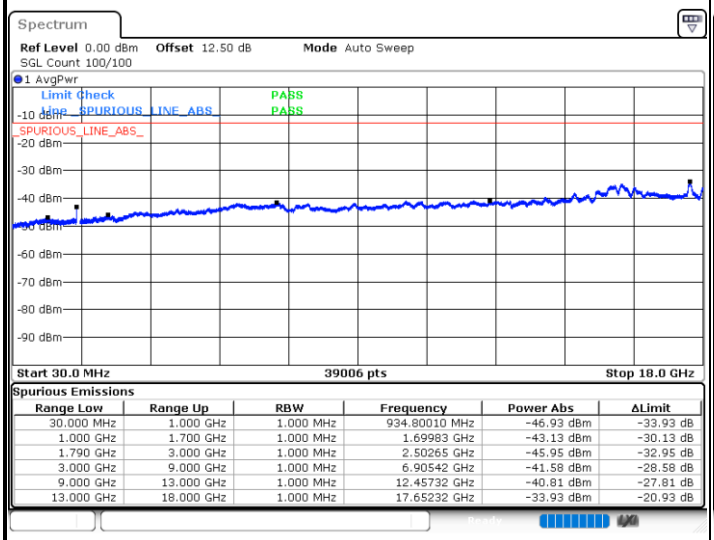
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	819.42779 MHz	-46.88 dBm	-33.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58123 GHz	-47.39 dBm	-34.39 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-45.84 dBm	-32.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.90776 GHz	-40.89 dBm	-27.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64899 GHz	-33.87 dBm	-20.87 dB

Date: 14.APR.2025 13:23:56

LTE Band 66 / 5MHz

Lowest Channel / QPSK

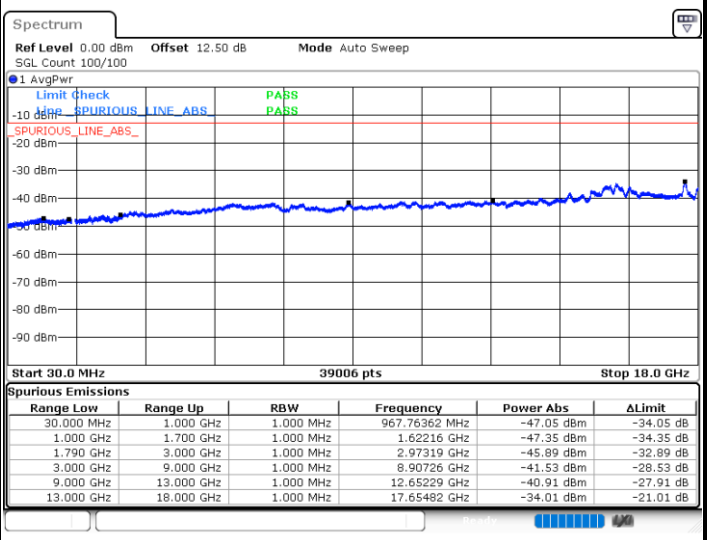


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-46.93 dBm	-33.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-43.13 dBm	-30.13 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.50265 GHz	-45.95 dBm	-32.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90542 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45732 GHz	-40.81 dBm	-27.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65232 GHz	-33.93 dBm	-20.93 dB

Date: 14.APR.2025 13:25:10

Middle Channel / QPSK

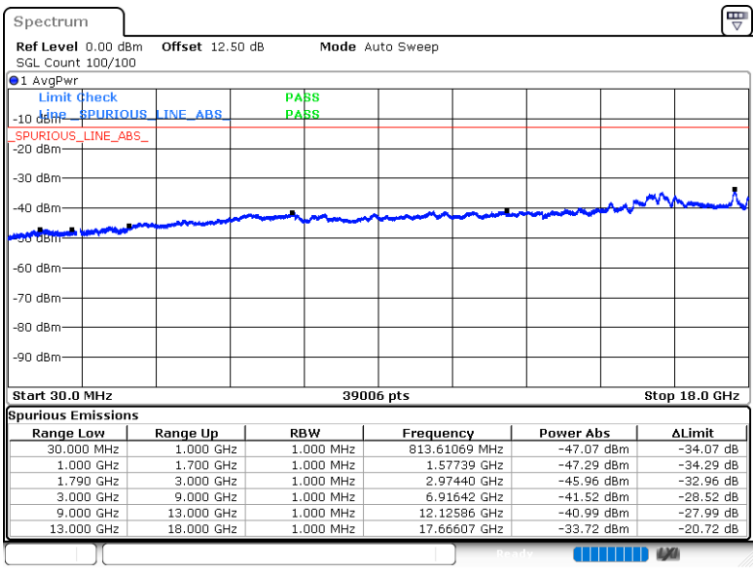


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-47.05 dBm	-34.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62216 GHz	-47.35 dBm	-34.35 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97319 GHz	-45.89 dBm	-32.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	8.90726 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65229 GHz	-40.91 dBm	-27.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65482 GHz	-34.01 dBm	-21.01 dB

Date: 14.APR.2025 13:26:23

Highest Channel / QPSK



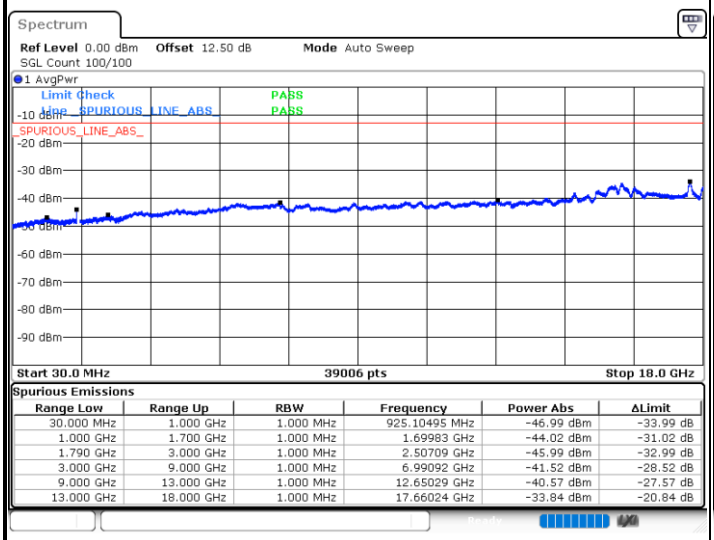
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	813.61069 MHz	-47.07 dBm	-34.07 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57739 GHz	-47.29 dBm	-34.29 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97440 GHz	-45.96 dBm	-32.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91642 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12586 GHz	-40.99 dBm	-27.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.66607 GHz	-33.72 dBm	-20.72 dB

Date: 14.APR.2025 13:27:36

LTE Band 66 / 10MHz

Lowest Channel / QPSK

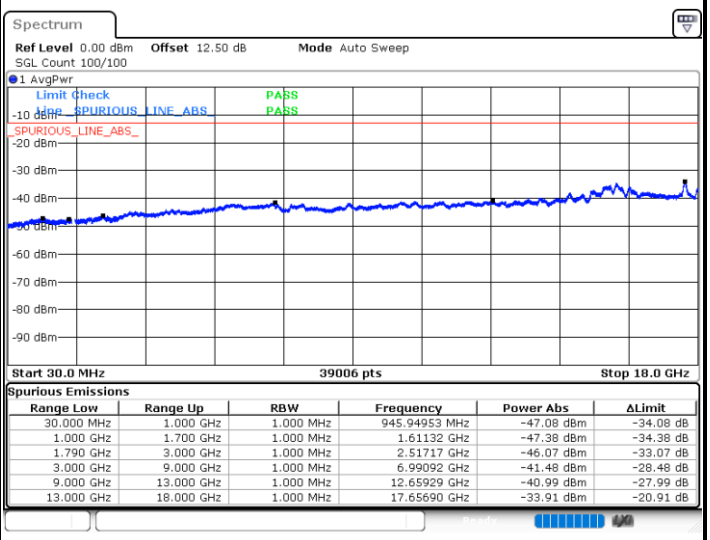


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-46.99 dBm	-33.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-44.02 dBm	-31.02 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.50709 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65029 GHz	-40.57 dBm	-27.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.66024 GHz	-33.84 dBm	-20.84 dB

Date: 14.APR.2025 13:28:50

Middle Channel / QPSK

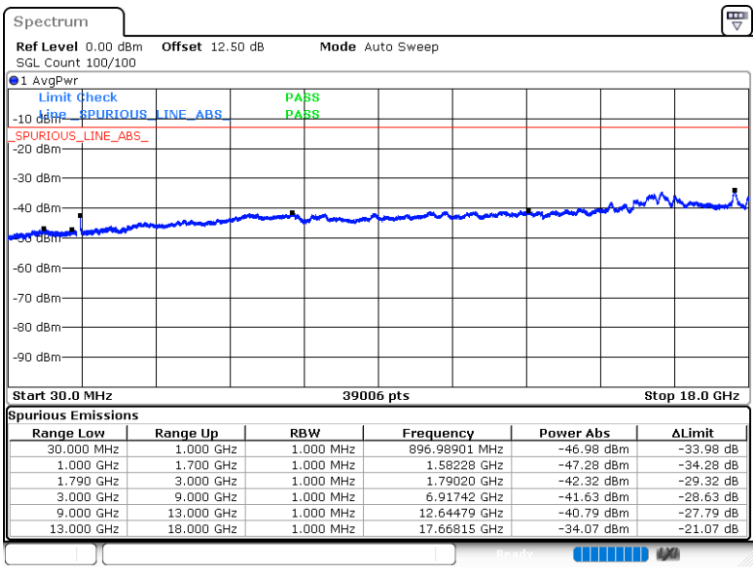


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-47.08 dBm	-34.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61132 GHz	-47.38 dBm	-34.38 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.51717 GHz	-46.07 dBm	-33.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65929 GHz	-40.99 dBm	-27.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65690 GHz	-33.91 dBm	-20.91 dB

Date: 14.APR.2025 13:30:03

Highest Channel / QPSK



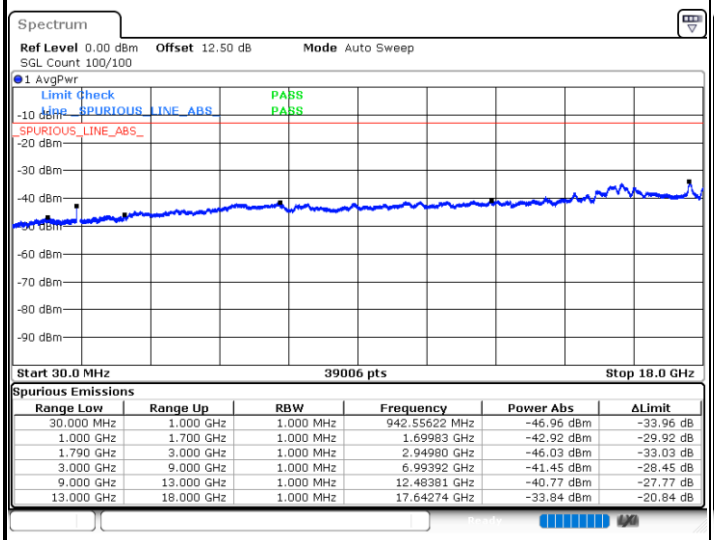
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58228 GHz	-47.28 dBm	-34.28 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-42.32 dBm	-29.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91742 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64479 GHz	-40.79 dBm	-27.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.66815 GHz	-34.07 dBm	-21.07 dB

Date: 14.APR.2025 13:31:17

LTE Band 66 / 15MHz

Lowest Channel / QPSK

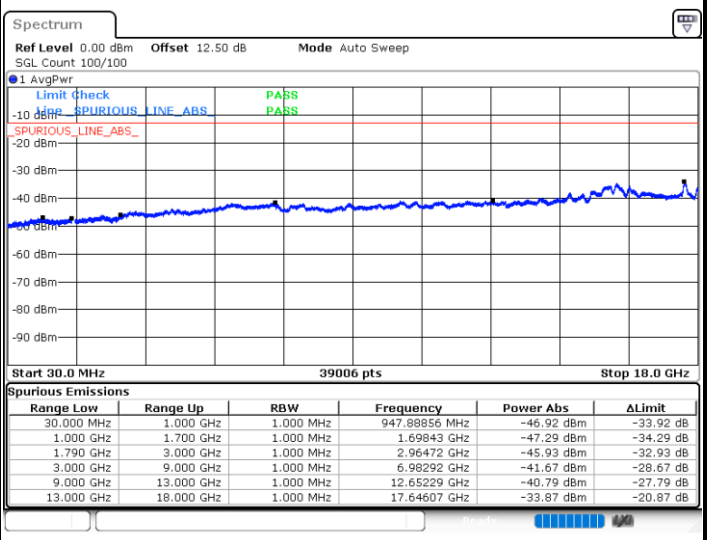


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-46.96 dBm	-33.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-42.92 dBm	-29.92 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94980 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.45 dBm	-28.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.48381 GHz	-40.77 dBm	-27.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64274 GHz	-33.84 dBm	-20.84 dB

Date: 14.APR.2025 13:32:30

Middle Channel / QPSK

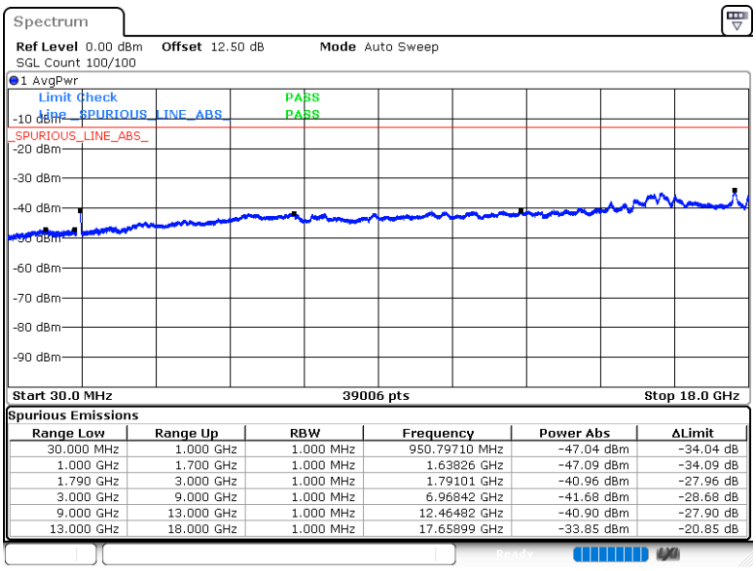


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-46.92 dBm	-33.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-47.29 dBm	-34.29 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96472 GHz	-45.93 dBm	-32.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98292 GHz	-41.67 dBm	-28.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65229 GHz	-40.79 dBm	-27.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64607 GHz	-33.87 dBm	-20.87 dB

Date: 14.APR.2025 13:33:44

Highest Channel / QPSK



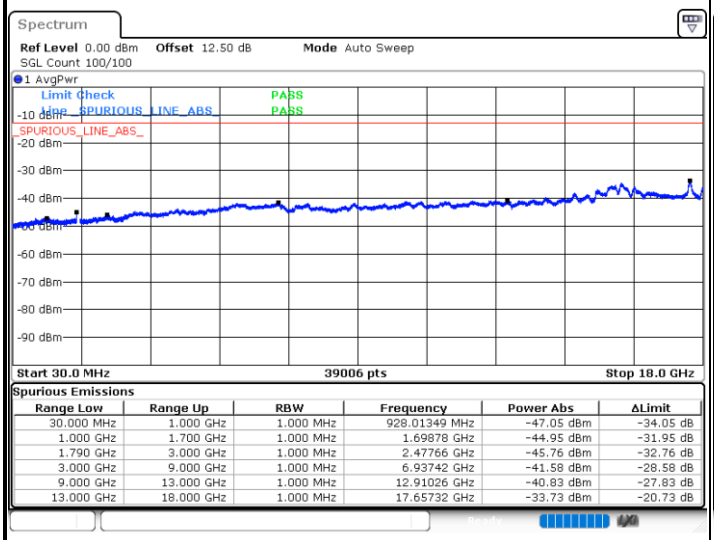
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.79710 MHz	-47.04 dBm	-34.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-47.09 dBm	-34.09 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79101 GHz	-40.96 dBm	-27.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96842 GHz	-41.68 dBm	-28.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46482 GHz	-40.90 dBm	-27.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65899 GHz	-33.85 dBm	-20.85 dB

Date: 14.APR.2025 13:34:57

LTE Band 66 / 20MHz

Lowest Channel / QPSK

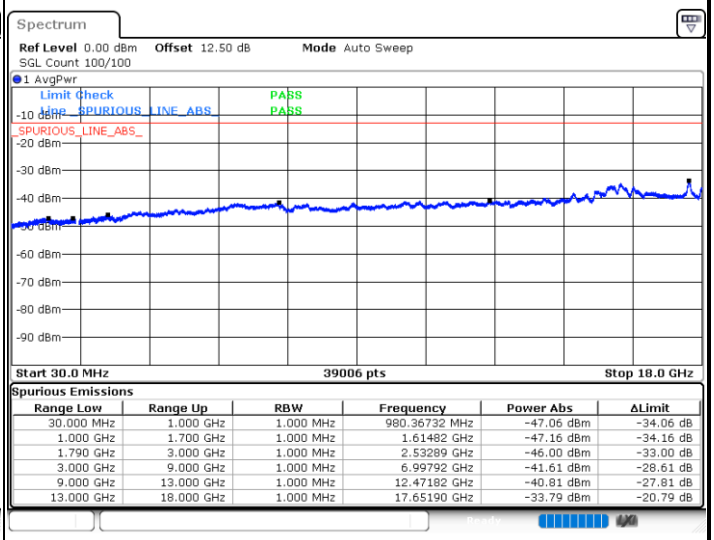


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.05 dBm	-34.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-44.95 dBm	-31.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.47766 GHz	-45.76 dBm	-32.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93742 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.91026 GHz	-40.83 dBm	-27.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65732 GHz	-33.73 dBm	-20.73 dB

Date: 14.APR.2025 13:36:11

Middle Channel / QPSK

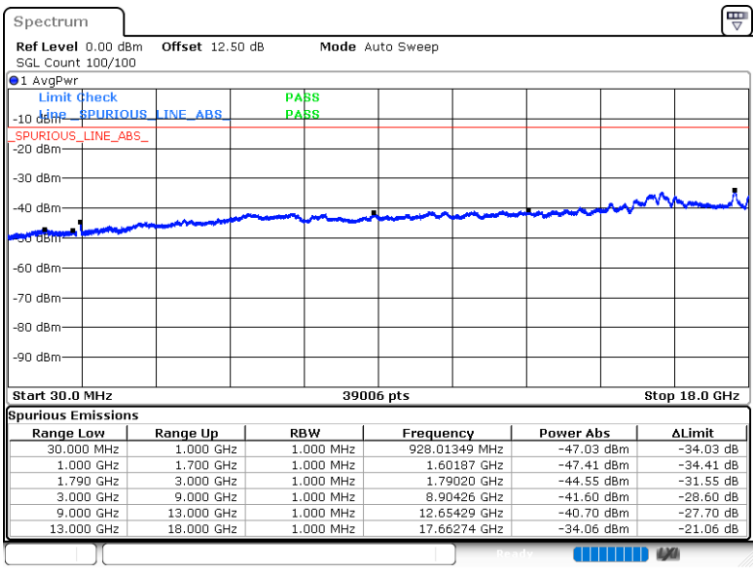


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.06 dBm	-34.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61482 GHz	-47.16 dBm	-34.16 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53289 GHz	-46.00 dBm	-33.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47182 GHz	-40.81 dBm	-27.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65190 GHz	-33.79 dBm	-20.79 dB

Date: 14.APR.2025 13:37:25

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60187 GHz	-47.41 dBm	-34.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-44.55 dBm	-31.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	8.90426 GHz	-41.60 dBm	-28.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65429 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.66274 GHz	-34.06 dBm	-21.06 dB

Date: 14.APR.2025 13:38:38

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	0.0093	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0001	

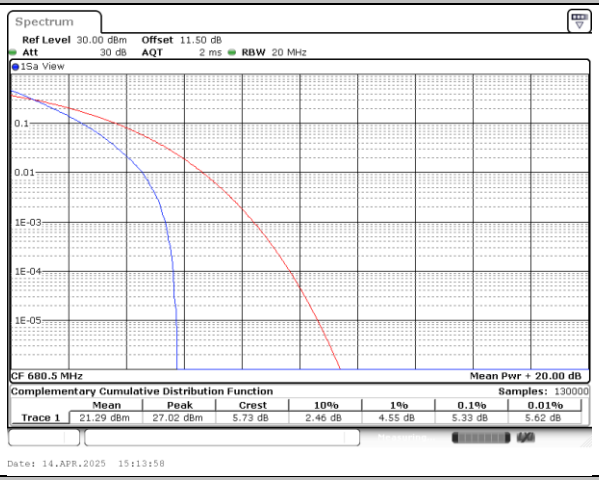
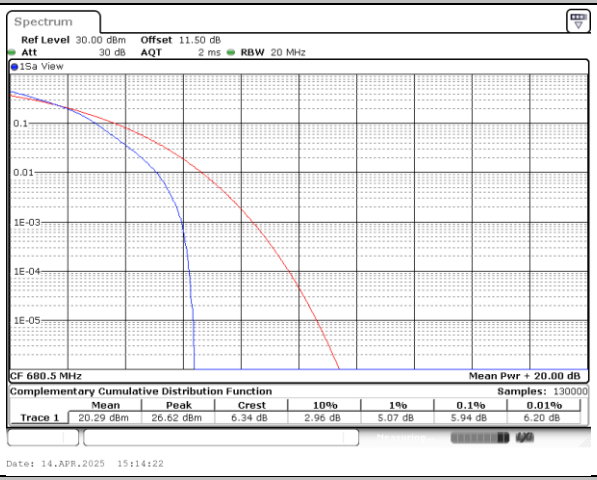
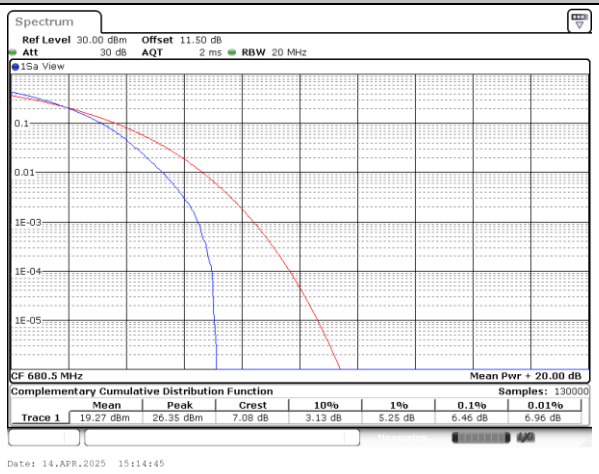
Note:

1. Normal Voltage = 3.8 V.；Minimum Voltage = 3.4 V.；Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.33	5.94	6.46	-	PASS

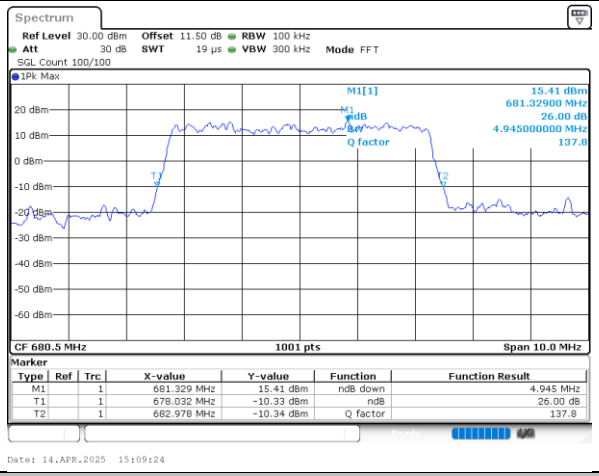
LTE Band 71 / 20MHz / QPSK	LTE Band 71 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 71 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

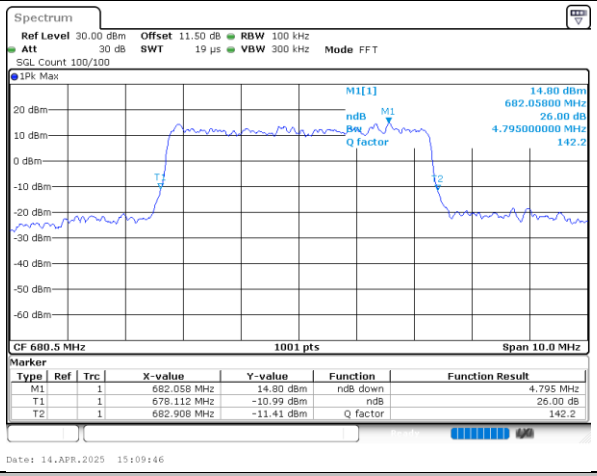
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.94	4.79	9.73	9.71	14.32	14.68	18.86	18.94
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.92	-	9.91	-	14.35	-	18.86	-

LTE Band 71

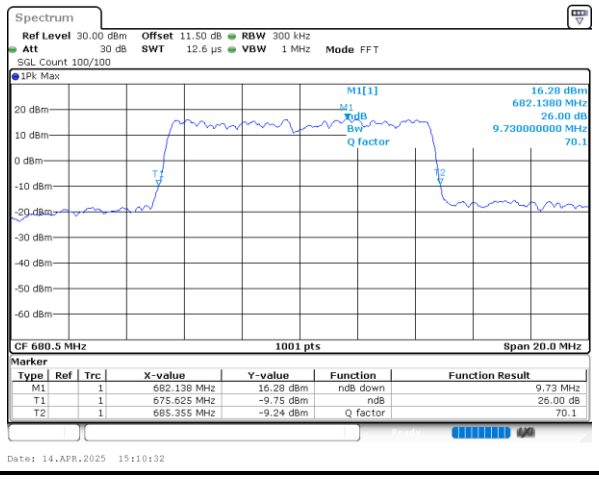
Middle Channel / 5MHz / QPSK



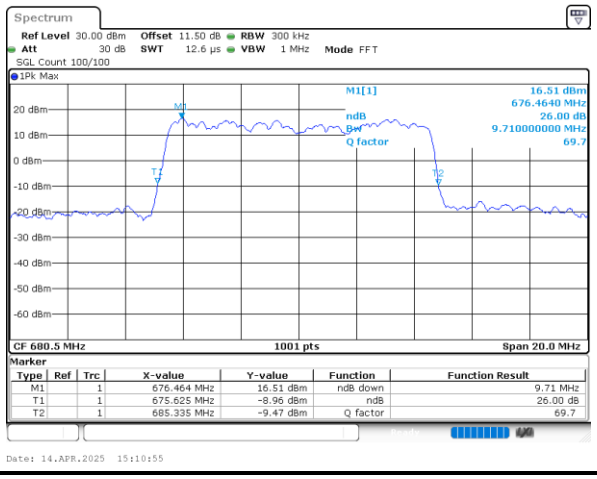
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

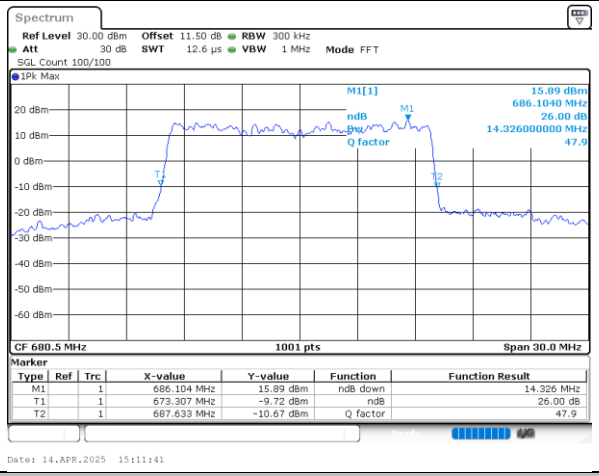


Middle Channel / 10MHz / 16QAM

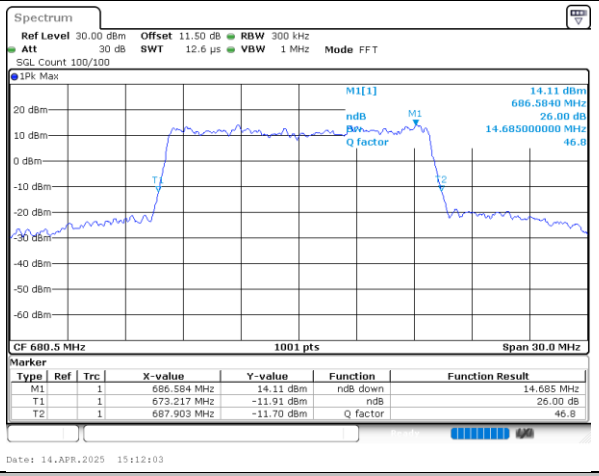


LTE Band 71

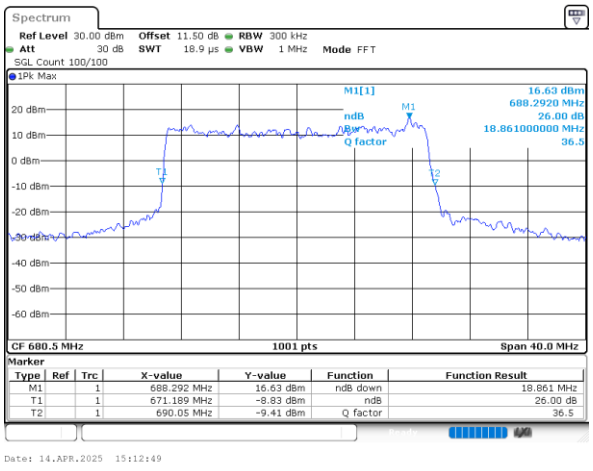
Middle Channel / 15MHz / QPSK



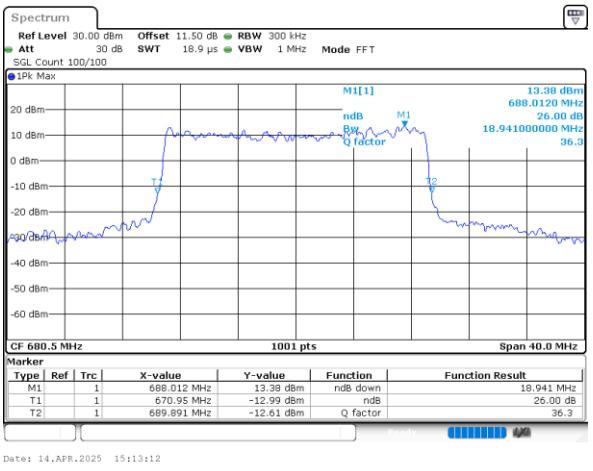
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

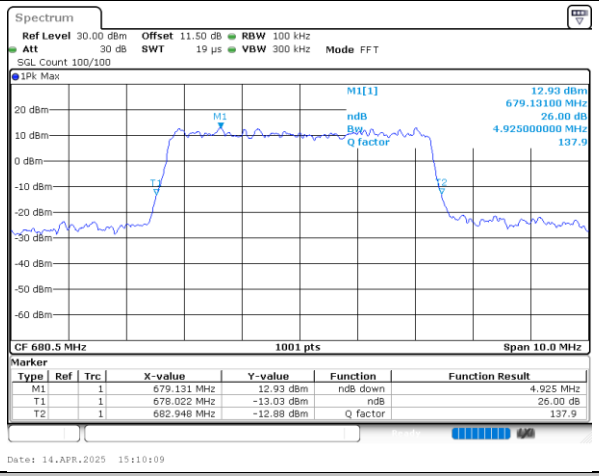


Middle Channel / 20MHz / 16QAM

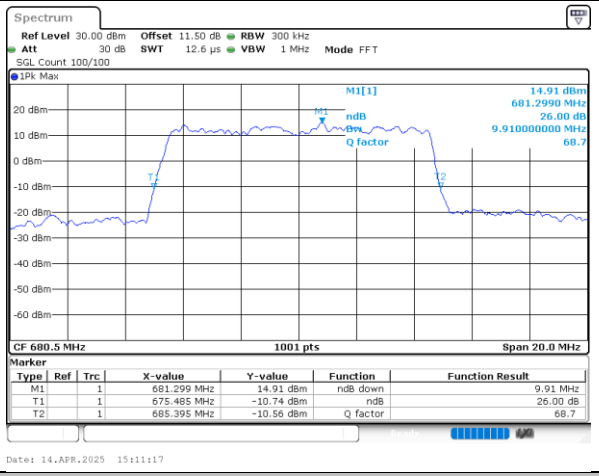


LTE Band 71

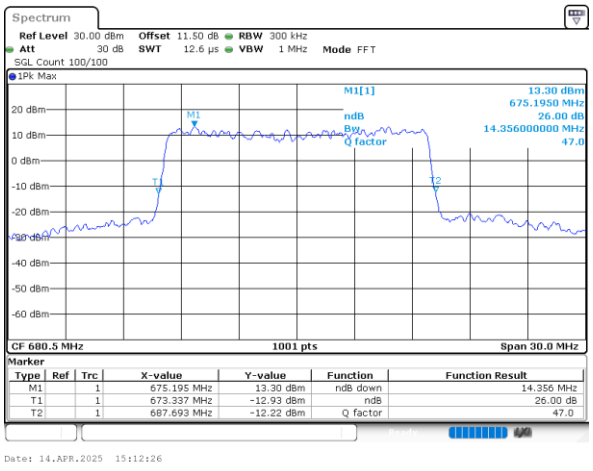
Middle Channel / 5MHz / 64QAM



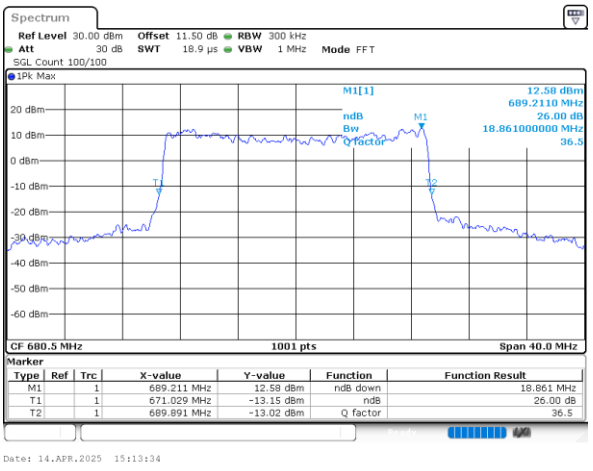
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

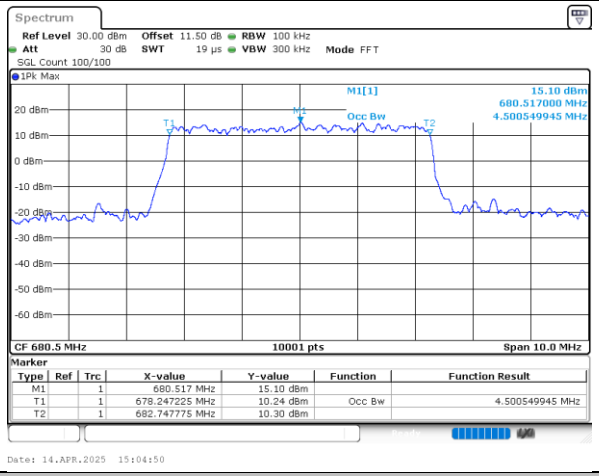


Occupied Bandwidth

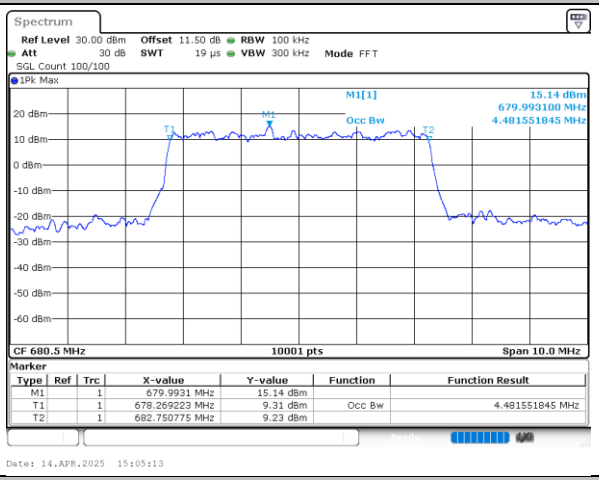
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.48	9.06	9.04	13.50	13.54	17.95	17.99
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	-	9.12	-	13.53	-	17.97	-

LTE Band 71

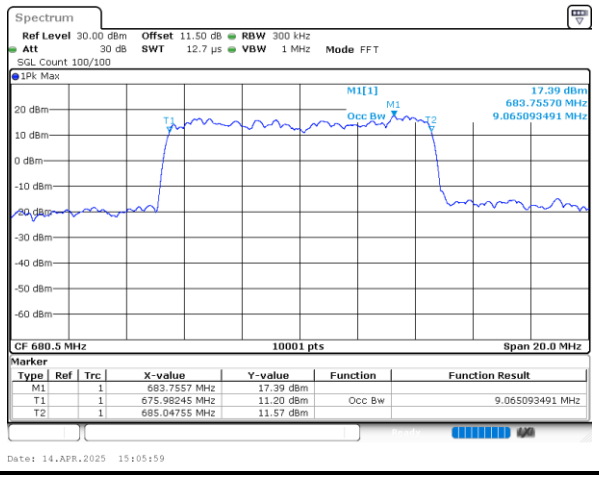
Middle Channel / 5MHz / QPSK



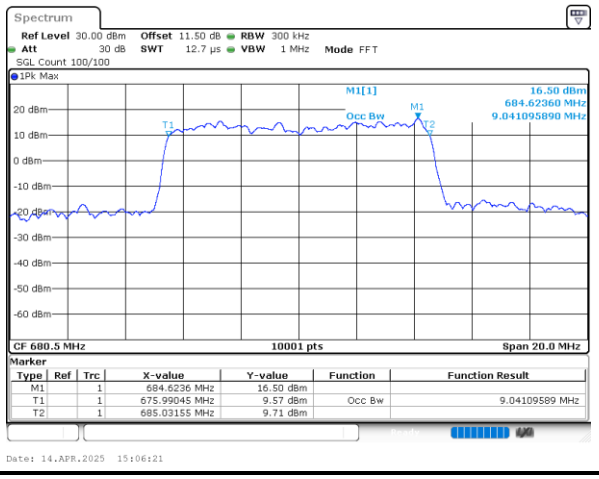
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

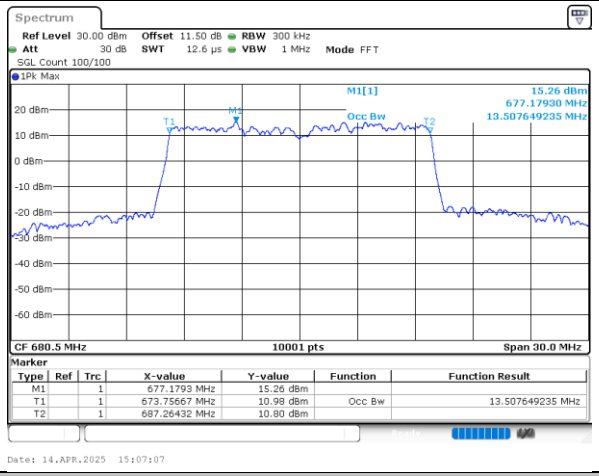


Middle Channel / 10MHz / 16QAM

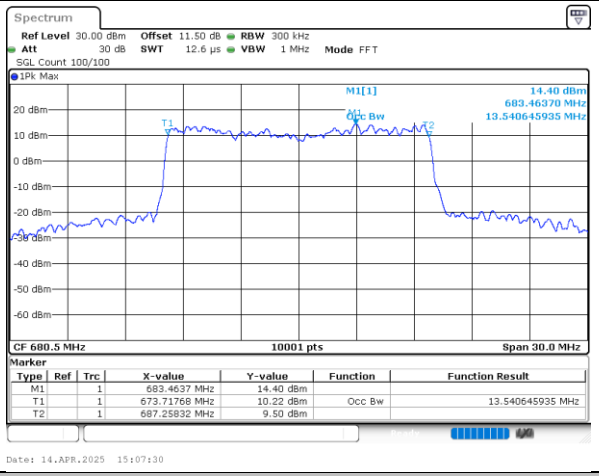


LTE Band 71

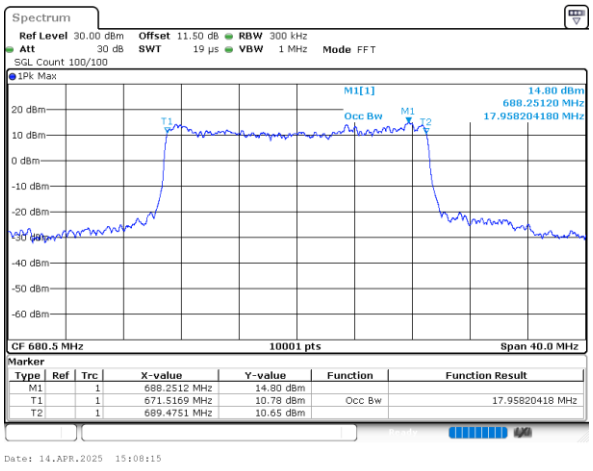
Middle Channel / 15MHz / QPSK



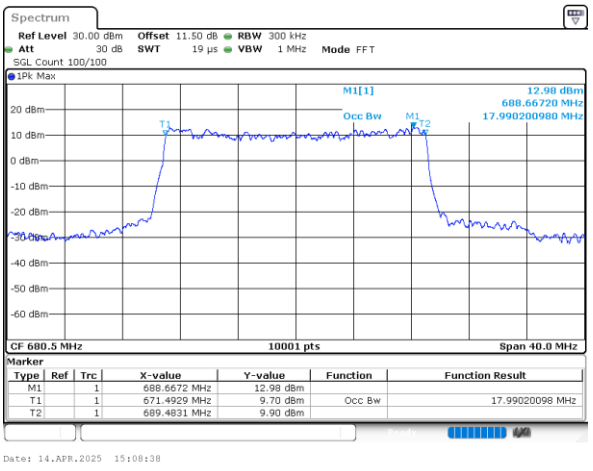
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

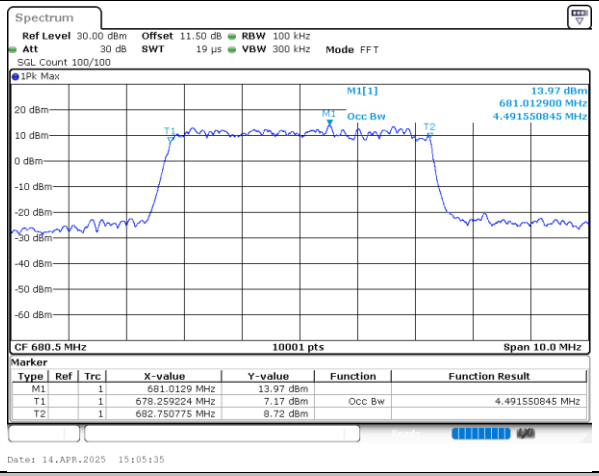


Middle Channel / 20MHz / 16QAM

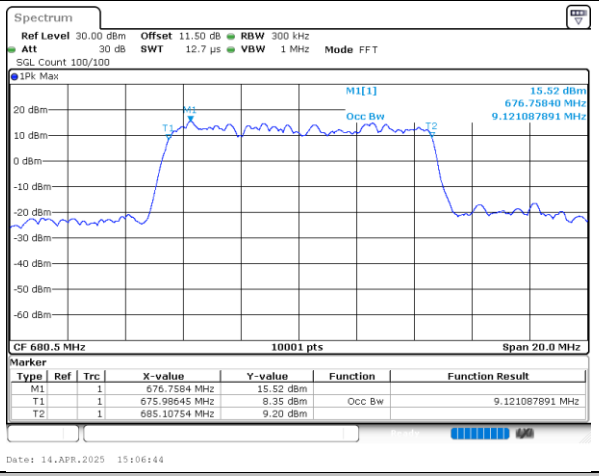


LTE Band 71

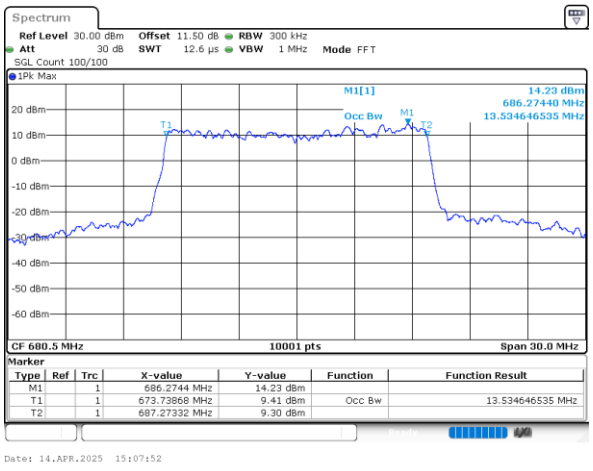
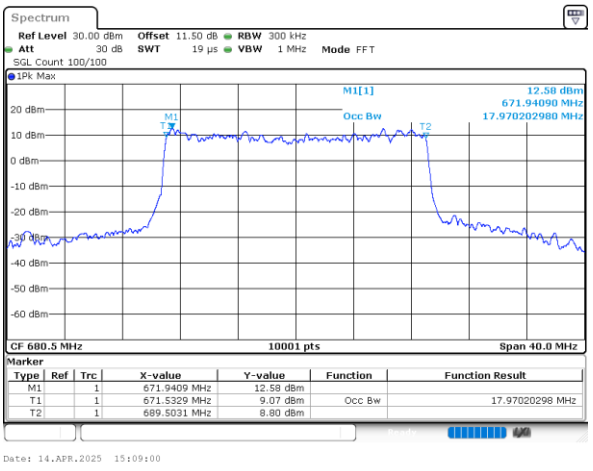
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM