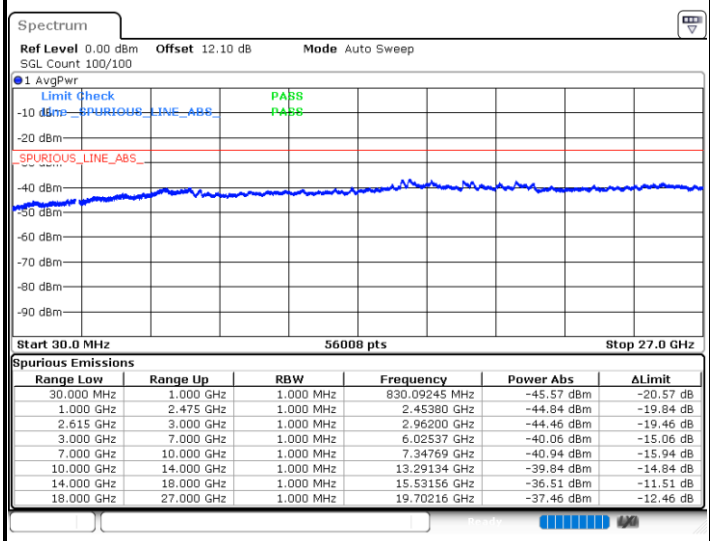
LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

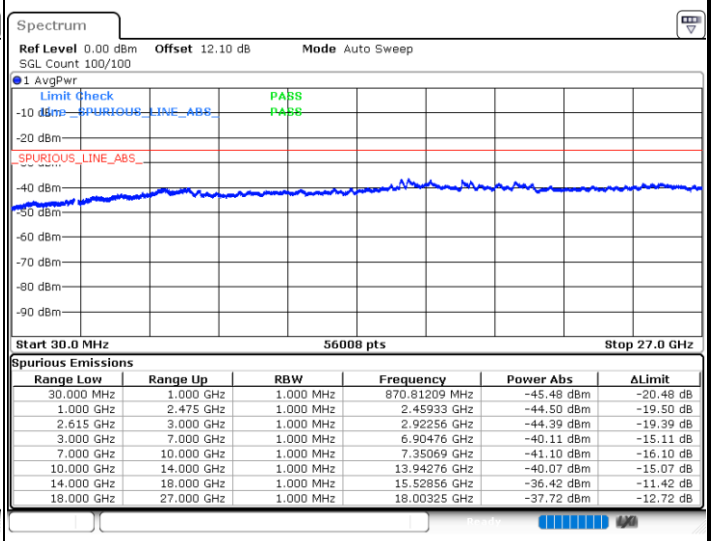


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.09245 MHz	-45.57 dBm	-20.57 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45380 GHz	-44.84 dBm	-19.84 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96200 GHz	-44.46 dBm	-19.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.02537 GHz	-40.06 dBm	-15.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34769 GHz	-40.94 dBm	-15.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29134 GHz	-39.84 dBm	-14.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53156 GHz	-36.51 dBm	-11.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70216 GHz	-37.46 dBm	-12.46 dB

Date: 28.DEC.2023 03:34:11

Lowest Channel / 1RB99 and 1RB0

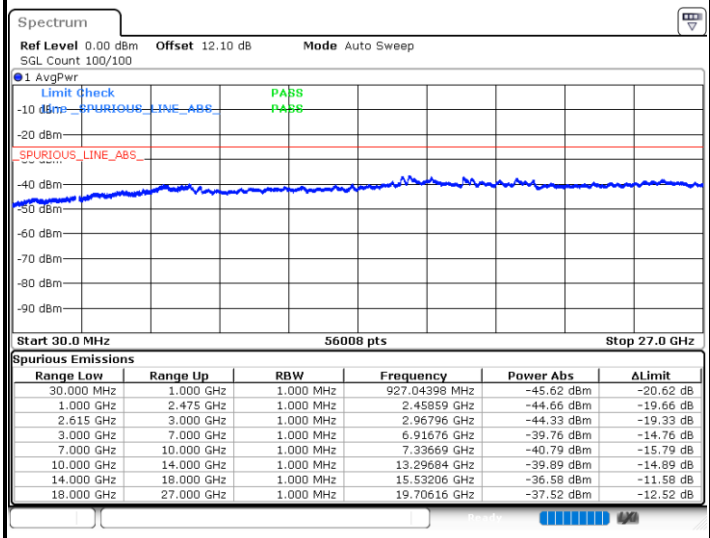


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.81209 MHz	-45.48 dBm	-20.48 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45933 GHz	-44.50 dBm	-19.50 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.92256 GHz	-44.39 dBm	-19.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90476 GHz	-40.11 dBm	-15.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35069 GHz	-41.10 dBm	-16.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94276 GHz	-40.07 dBm	-15.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52856 GHz	-36.42 dBm	-11.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00325 GHz	-37.72 dBm	-12.72 dB

Date: 28.DEC.2023 03:32:58

Middle Channel / 1RB0 and 1RB49

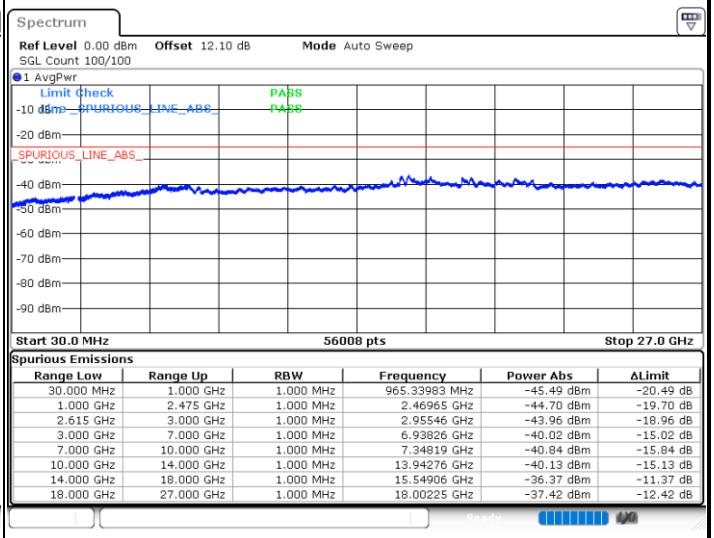


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.04398 MHz	-45.62 dBm	-20.62 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45859 GHz	-44.66 dBm	-19.66 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96796 GHz	-44.33 dBm	-19.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91676 GHz	-39.76 dBm	-14.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33669 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29684 GHz	-39.89 dBm	-14.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53206 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70616 GHz	-37.52 dBm	-12.52 dB

Date: 28.DEC.2023 03:40:36

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

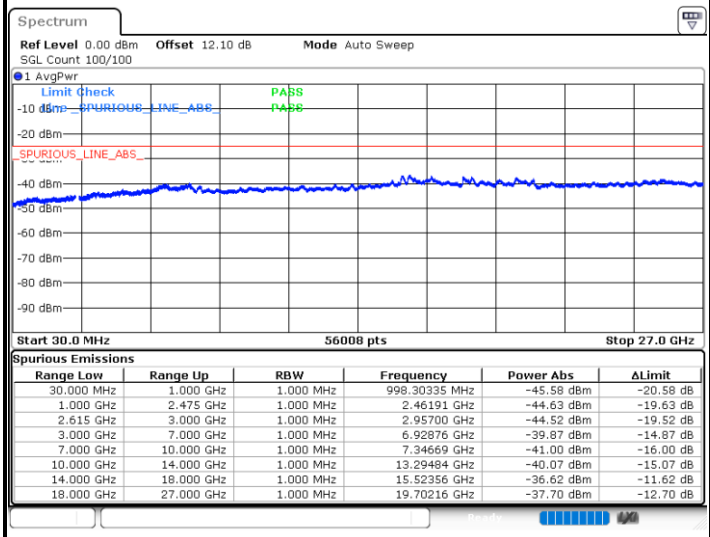
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46965 GHz	-44.70 dBm	-19.70 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95546 GHz	-43.96 dBm	-18.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-40.02 dBm	-15.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34819 GHz	-40.84 dBm	-15.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94276 GHz	-40.13 dBm	-15.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54906 GHz	-36.37 dBm	-11.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00225 GHz	-37.42 dBm	-12.42 dB

Date: 28.DEC.2023 03:41:50

LTE Band 7C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

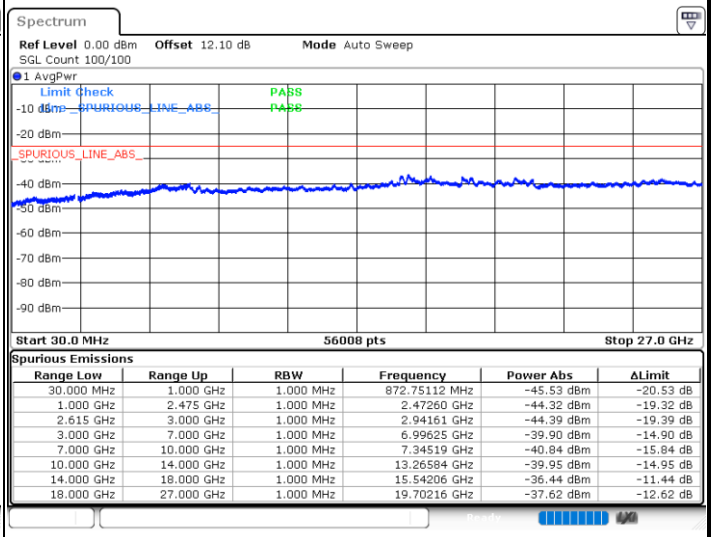


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-45.58 dBm	-20.58 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46191 GHz	-44.63 dBm	-19.63 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95700 GHz	-44.52 dBm	-19.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92876 GHz	-39.87 dBm	-14.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34669 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29484 GHz	-40.07 dBm	-15.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52356 GHz	-36.62 dBm	-11.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70216 GHz	-37.70 dBm	-12.70 dB

Date: 28.DEC.2023 03:18:10

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

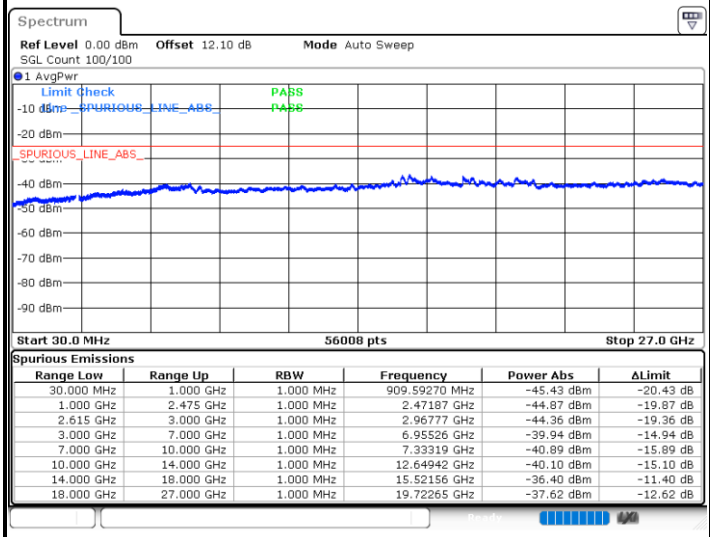
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47260 GHz	-44.32 dBm	-19.32 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94161 GHz	-44.39 dBm	-19.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-39.90 dBm	-14.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34519 GHz	-40.84 dBm	-15.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.26584 GHz	-39.95 dBm	-14.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54206 GHz	-36.44 dBm	-11.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70216 GHz	-37.62 dBm	-12.62 dB

Date: 28.DEC.2023 03:16:56

LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

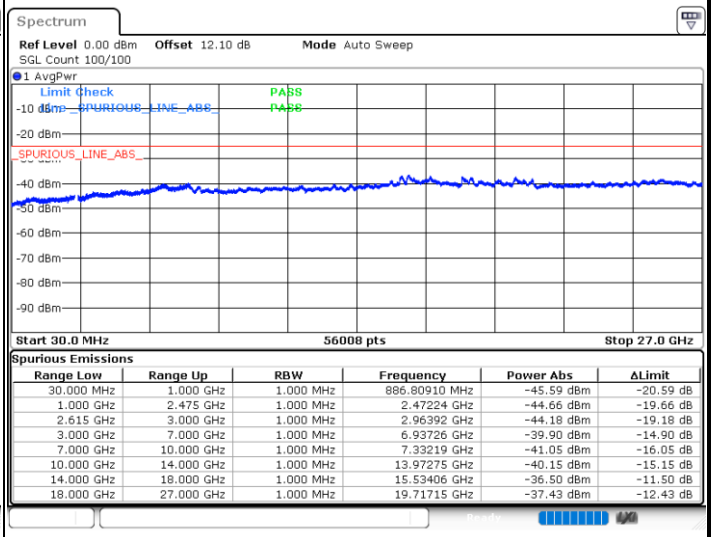


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-44.87 dBm	-19.87 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96777 GHz	-44.36 dBm	-19.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95526 GHz	-39.94 dBm	-14.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33319 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.64942 GHz	-40.10 dBm	-15.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52156 GHz	-36.40 dBm	-11.40 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72265 GHz	-37.62 dBm	-12.62 dB

Date: 28.DEC.2023 05:37:12

Lowest Channel / 1RB99 and 1RB0

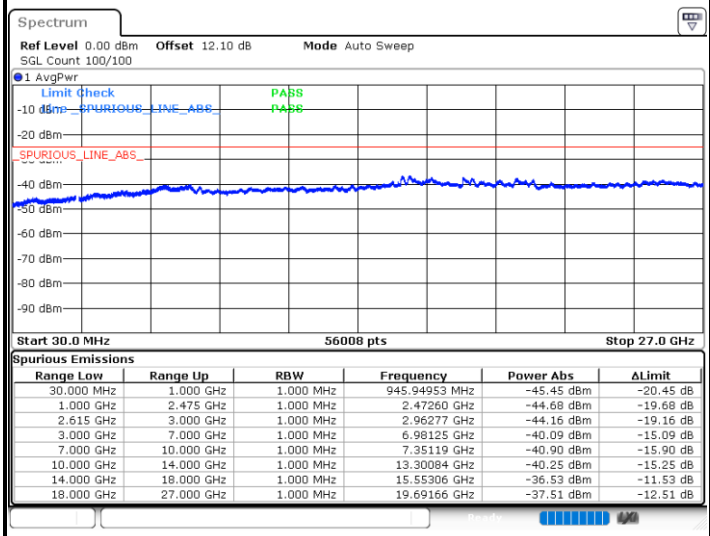


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47224 GHz	-44.66 dBm	-19.66 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96392 GHz	-44.18 dBm	-19.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93726 GHz	-39.90 dBm	-14.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33219 GHz	-41.05 dBm	-16.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97275 GHz	-40.15 dBm	-15.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53406 GHz	-36.50 dBm	-11.50 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71715 GHz	-37.43 dBm	-12.43 dB

Date: 28.DEC.2023 05:35:59

Middle Channel / 1RB0 and 1RB74

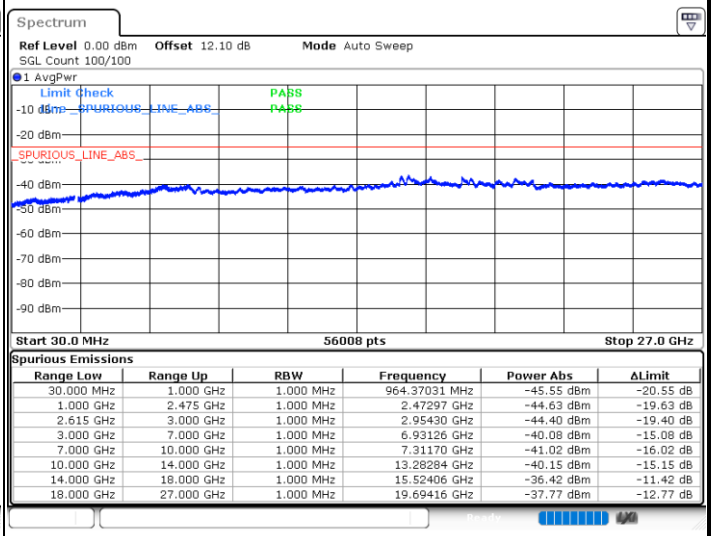


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-45.45 dBm	-20.45 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47260 GHz	-44.68 dBm	-19.68 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96277 GHz	-44.16 dBm	-19.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-40.09 dBm	-15.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35119 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30084 GHz	-40.25 dBm	-15.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55306 GHz	-36.53 dBm	-11.53 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69166 GHz	-37.51 dBm	-12.51 dB

Date: 28.DEC.2023 05:43:37

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

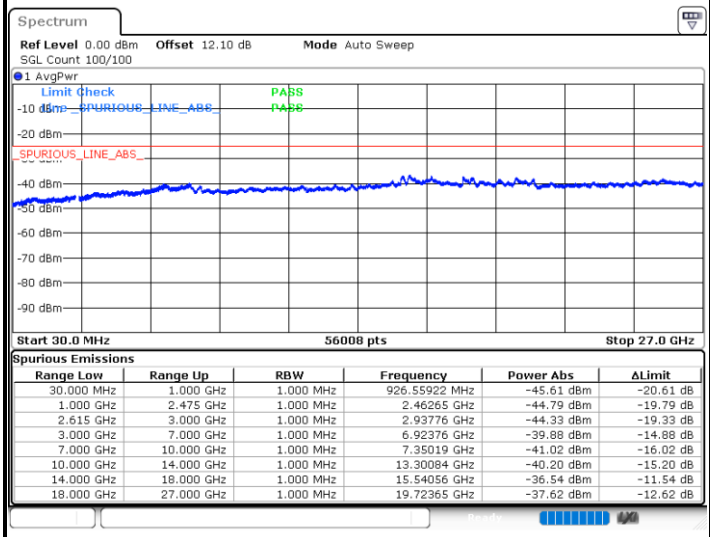
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-44.63 dBm	-19.63 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95430 GHz	-44.40 dBm	-19.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93126 GHz	-40.08 dBm	-15.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.31170 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28284 GHz	-40.15 dBm	-15.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52406 GHz	-36.42 dBm	-11.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69416 GHz	-37.77 dBm	-12.77 dB

Date: 28.DEC.2023 05:44:50

LTE Band 7C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

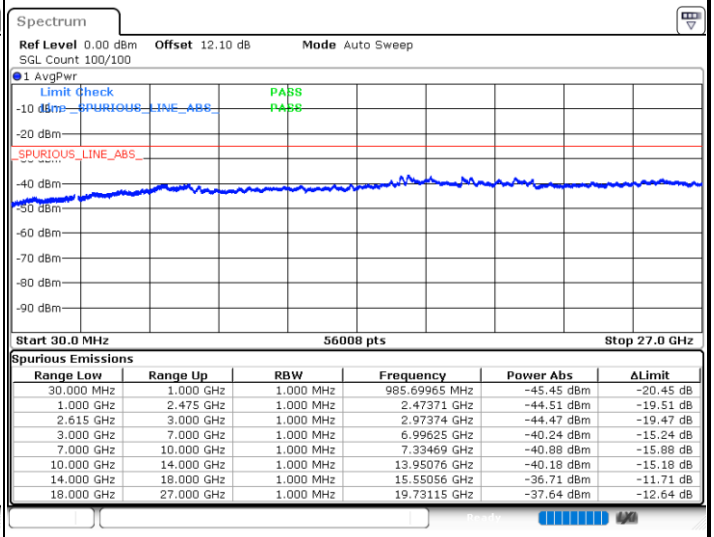


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-45.61 dBm	-20.61 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46265 GHz	-44.79 dBm	-19.79 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.93776 GHz	-44.33 dBm	-19.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92376 GHz	-39.88 dBm	-14.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35019 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30084 GHz	-40.20 dBm	-15.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54056 GHz	-36.54 dBm	-11.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72365 GHz	-37.62 dBm	-12.62 dB

Date: 28.DEC.2023 05:21:10

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

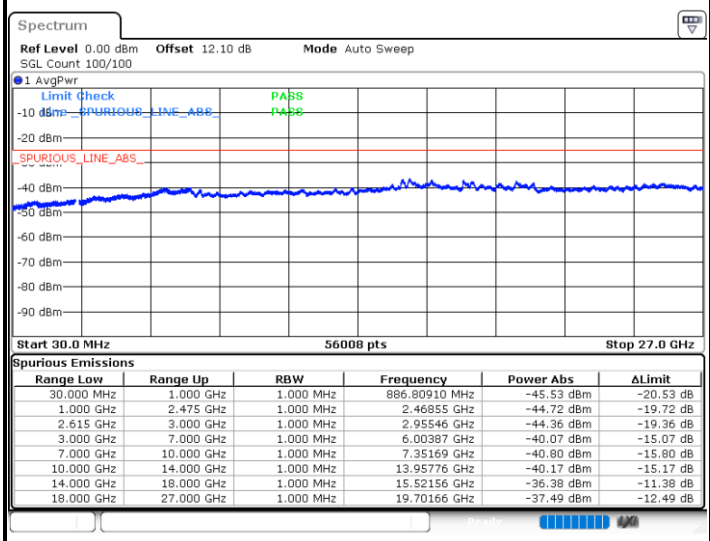
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-45.45 dBm	-20.45 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-44.51 dBm	-19.51 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97374 GHz	-44.47 dBm	-19.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-40.24 dBm	-15.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33469 GHz	-40.88 dBm	-15.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95076 GHz	-40.18 dBm	-15.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55056 GHz	-36.71 dBm	-11.71 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.73115 GHz	-37.64 dBm	-12.64 dB

Date: 28.DEC.2023 05:19:57

LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

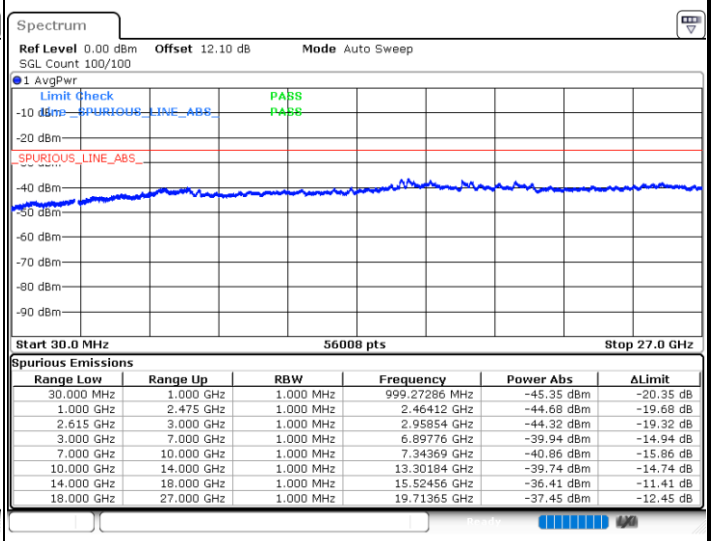


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46855 GHz	-44.72 dBm	-19.72 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95546 GHz	-44.36 dBm	-19.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.00387 GHz	-40.07 dBm	-15.07 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35169 GHz	-40.80 dBm	-15.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95776 GHz	-40.17 dBm	-15.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52156 GHz	-36.38 dBm	-11.38 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70166 GHz	-37.49 dBm	-12.49 dB

Date: 28.DEC.2023 06:16:52

Lowest Channel / 1RB99 and 1RB0

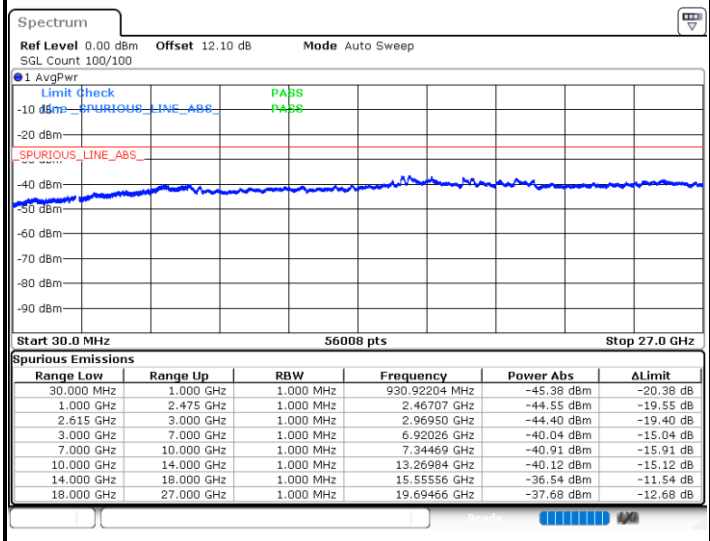


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-45.35 dBm	-20.35 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46412 GHz	-44.68 dBm	-19.68 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95854 GHz	-44.32 dBm	-19.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89776 GHz	-39.94 dBm	-14.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34369 GHz	-40.86 dBm	-15.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30184 GHz	-39.74 dBm	-14.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52456 GHz	-36.41 dBm	-11.41 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71365 GHz	-37.45 dBm	-12.45 dB

Date: 28.DEC.2023 06:15:39

MiddleChannel / 1RB0 and 1RB99

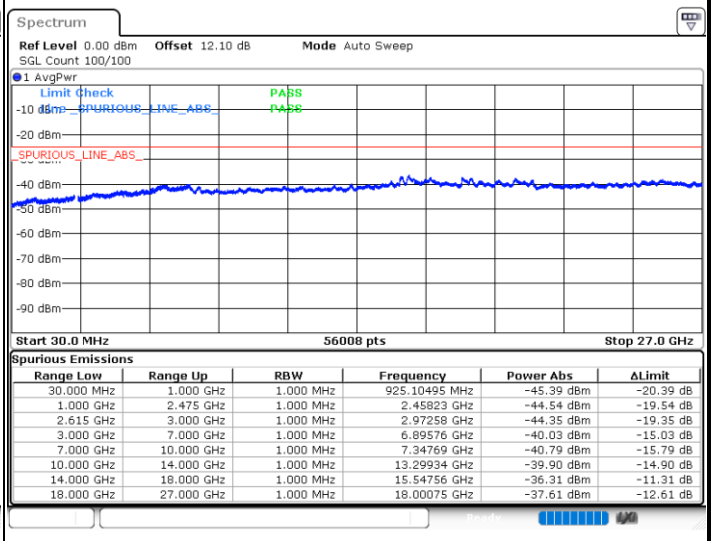


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46707 GHz	-44.55 dBm	-19.55 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96950 GHz	-44.40 dBm	-19.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92026 GHz	-40.04 dBm	-15.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34469 GHz	-40.91 dBm	-15.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.26984 GHz	-40.12 dBm	-15.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55556 GHz	-36.54 dBm	-11.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69466 GHz	-37.68 dBm	-12.68 dB

Date: 28.DEC.2023 06:23:17

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

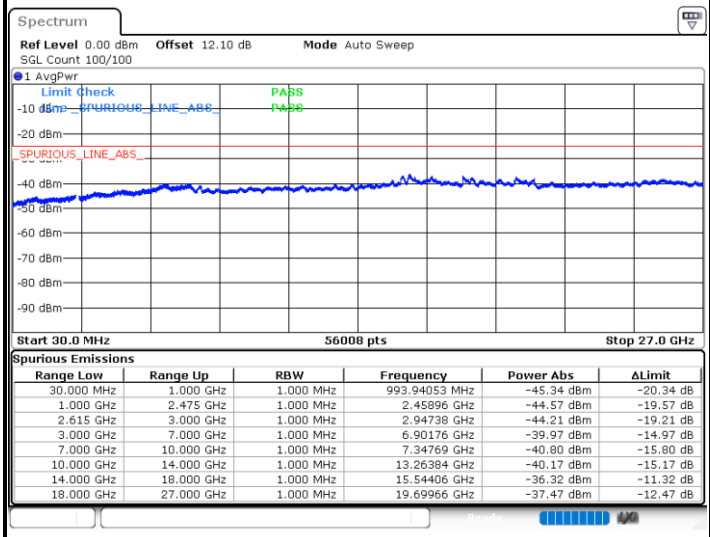
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-45.39 dBm	-20.39 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45823 GHz	-44.54 dBm	-19.54 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97258 GHz	-44.35 dBm	-19.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89576 GHz	-40.03 dBm	-15.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34769 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29934 GHz	-39.90 dBm	-14.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54756 GHz	-36.31 dBm	-11.31 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00075 GHz	-37.61 dBm	-12.61 dB

Date: 28.DEC.2023 06:24:31

LTE Band 7C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

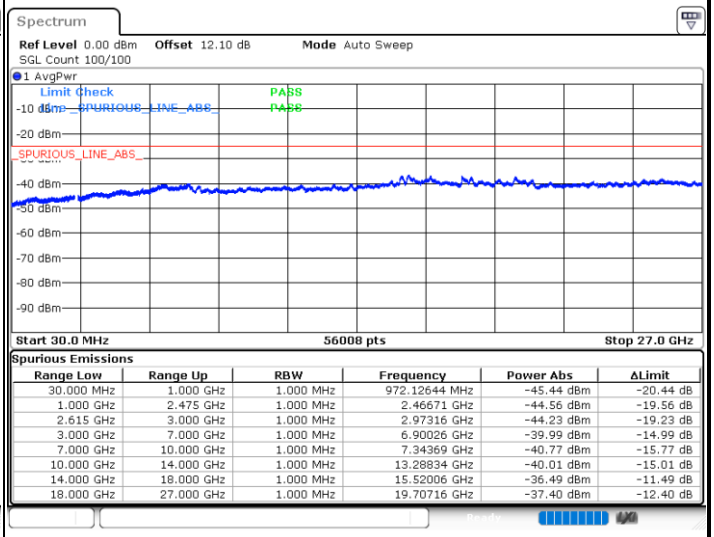


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45896 GHz	-44.57 dBm	-19.57 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94738 GHz	-44.21 dBm	-19.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90176 GHz	-39.97 dBm	-14.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34769 GHz	-40.80 dBm	-15.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.26384 GHz	-40.17 dBm	-15.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54406 GHz	-36.32 dBm	-11.32 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69966 GHz	-37.47 dBm	-12.47 dB

Date: 28.DEC.2023 06:00:51

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

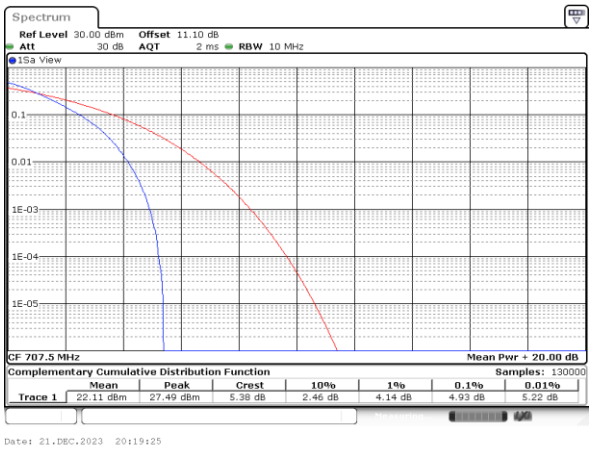
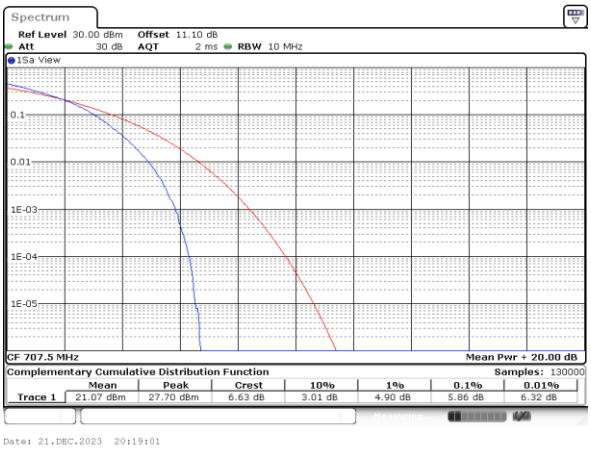
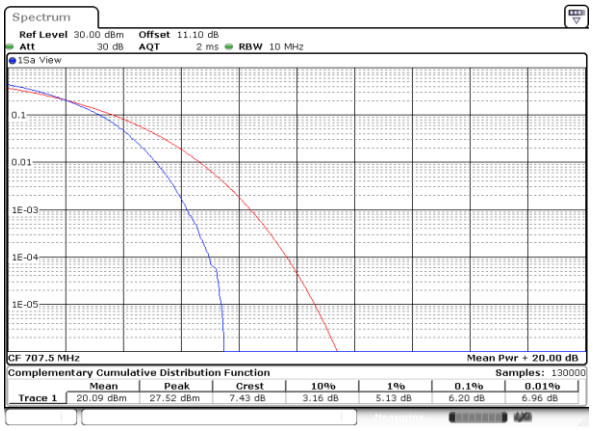
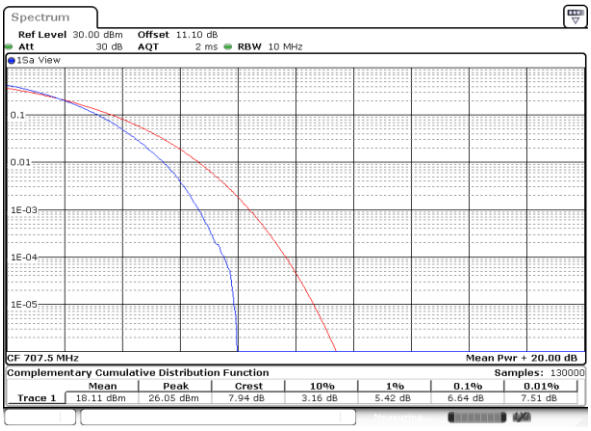
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-45.44 dBm	-20.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46671 GHz	-44.56 dBm	-19.56 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97316 GHz	-44.23 dBm	-19.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90026 GHz	-39.99 dBm	-14.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34369 GHz	-40.77 dBm	-15.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28834 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52006 GHz	-36.49 dBm	-11.49 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70716 GHz	-37.40 dBm	-12.40 dB

Date: 28.DEC.2023 05:59:38

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.86	6.20	6.64	PASS

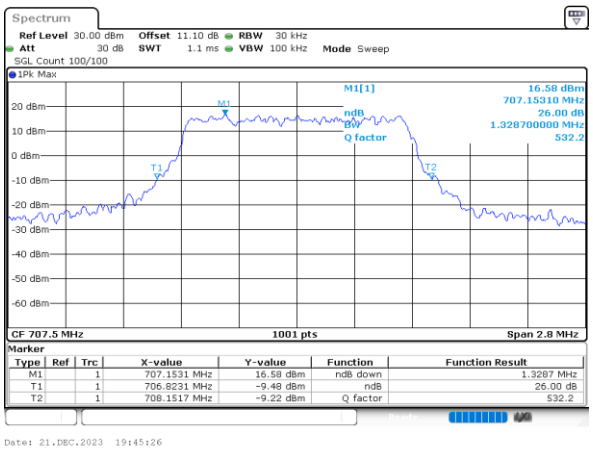
LTE Band 12 / 10MHz / QPSK	LTE Band 12 / 10MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	
LTE Band 12 / 10MHz / 64QAM	**LTE Band 12 / 10MHz / 256QAM**
Middle Channel / Full RB	**Middle Channel / Full RB**
	

26dB Bandwidth

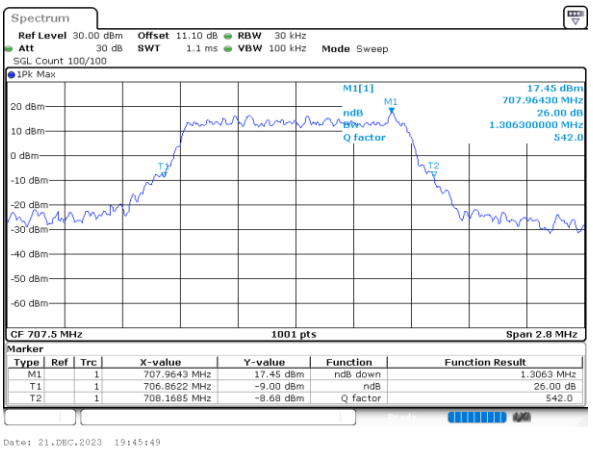
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.30	3.06	3.00	4.97	5.01	9.86	9.83	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.34	1.32	3.02	2.99	5.01	4.98	9.78	9.76	-	-	-	-

LTE Band 12

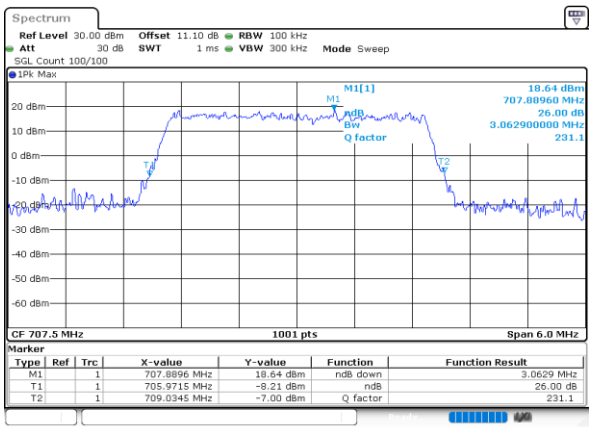
Middle Channel / 1.4MHz / QPSK



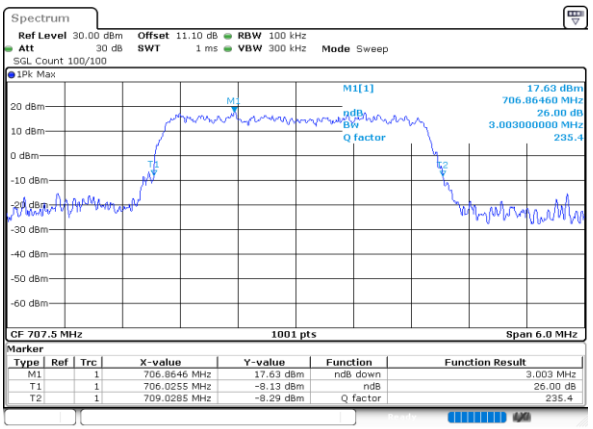
Middle Channel / 1.4MHz / 16QAM



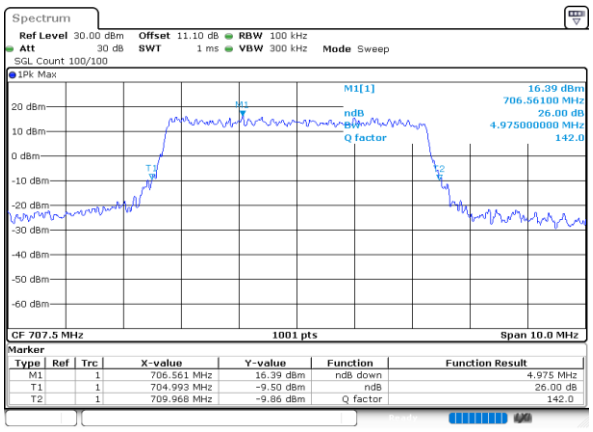
Middle Channel / 3MHz / QPSK



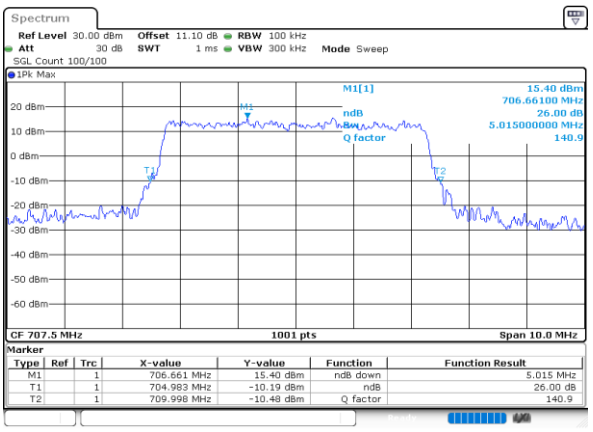
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

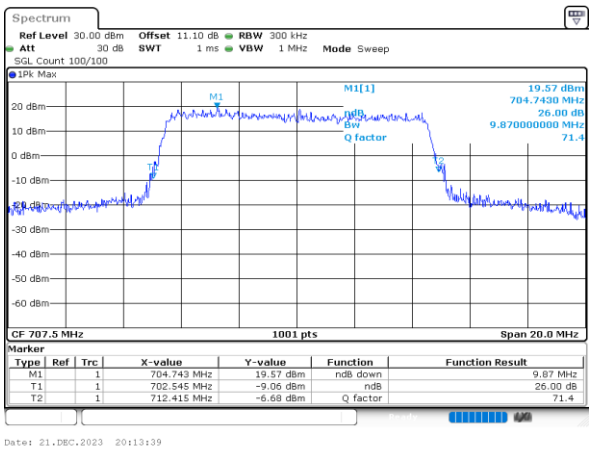


Middle Channel / 5MHz / 16QAM

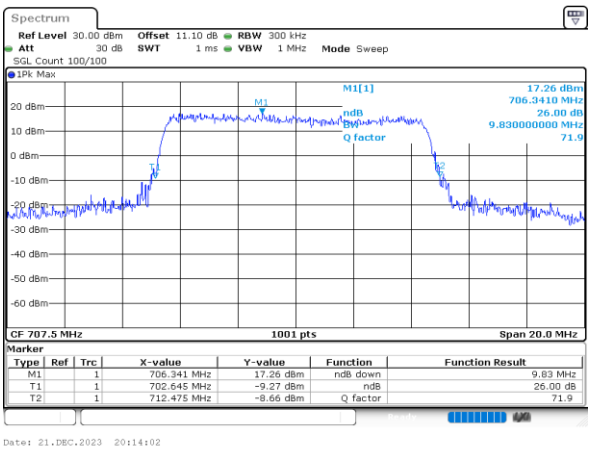


LTE Band 12

Middle Channel / 10MHz / QPSK

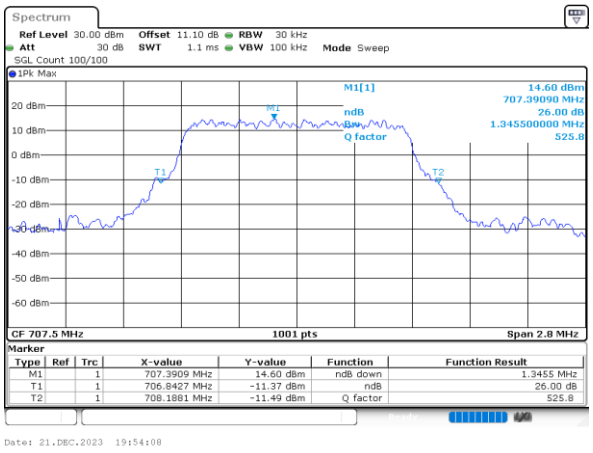


Middle Channel / 10MHz / 16QAM

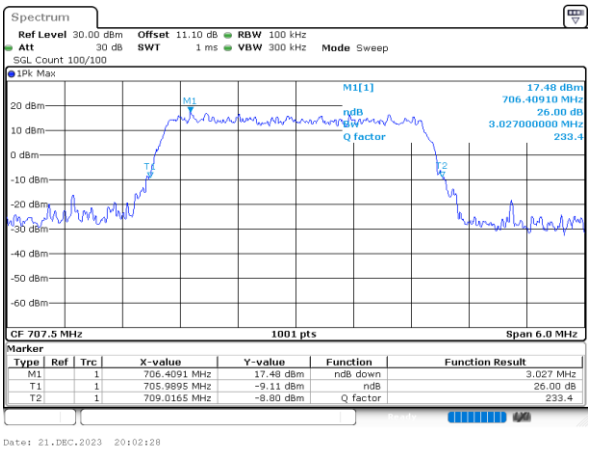


LTE Band 12

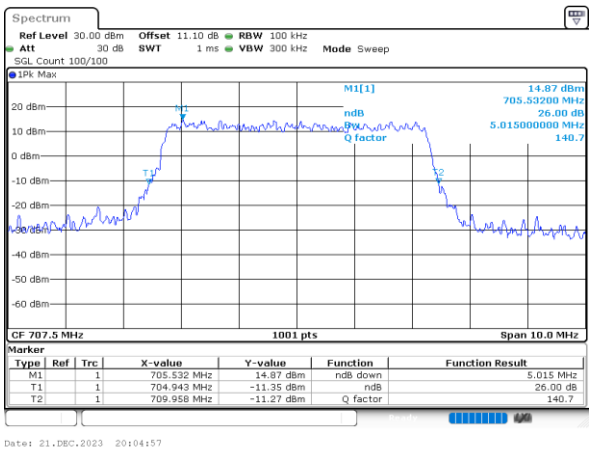
Middle Channel / 1.4MHz / 64QAM



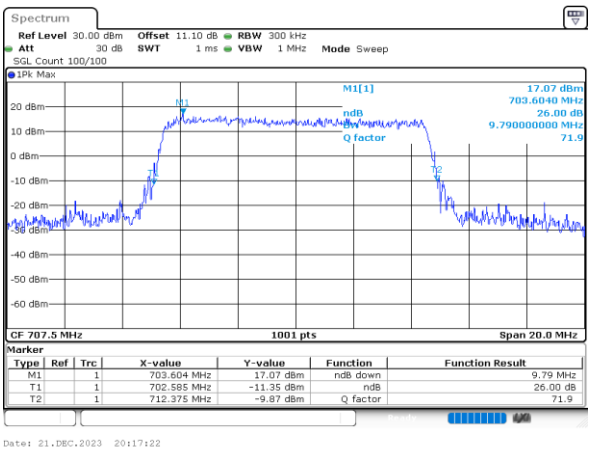
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM

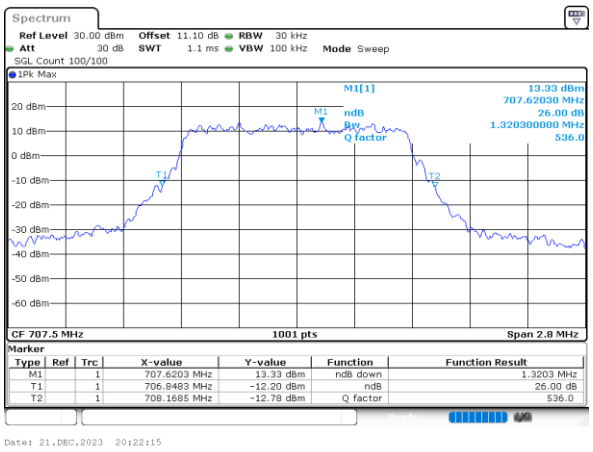


Middle Channel / 10MHz / 64QAM

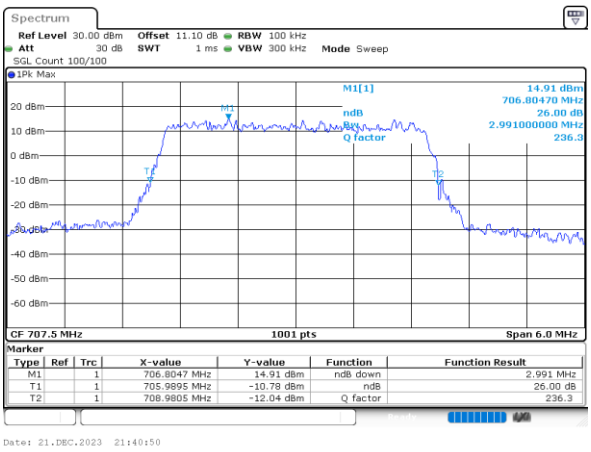


LTE Band 12

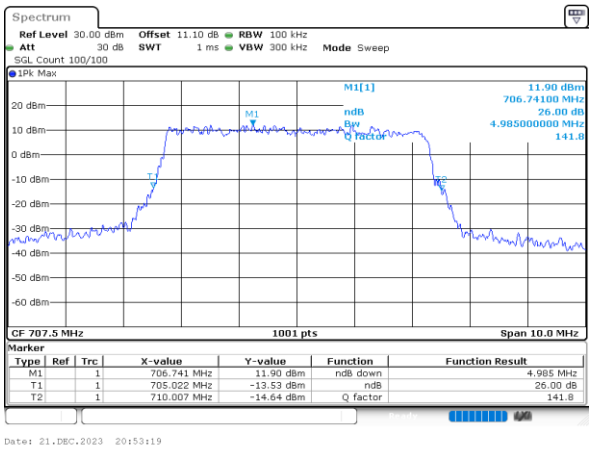
Middle Channel / 1.4MHz / 256QAM



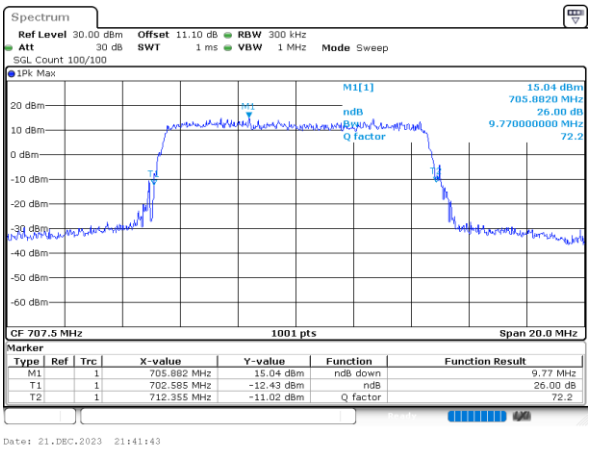
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

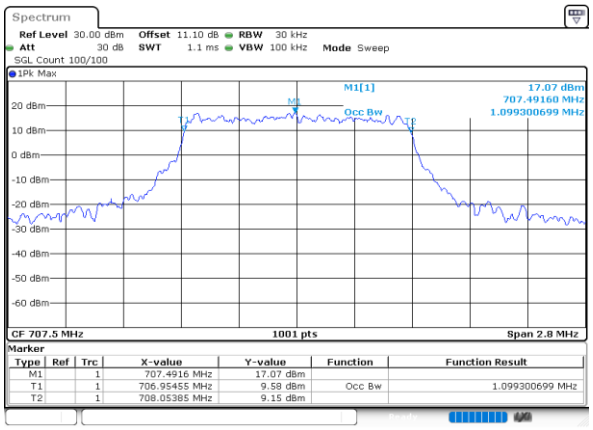


Occupied Bandwidth

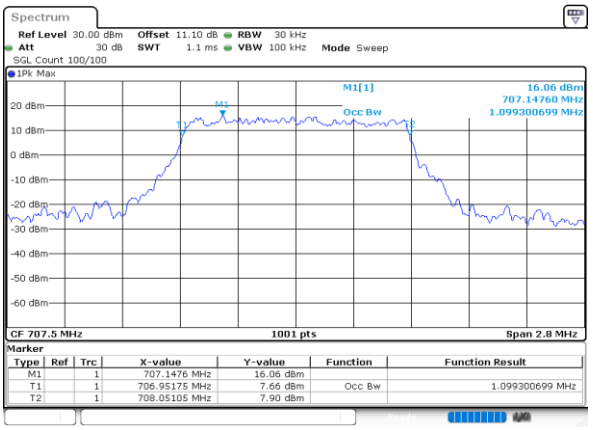
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.73	2.73	4.51	4.48	9.05	9.03	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.72	2.72	4.48	4.52	9.07	9.07	-	-	-	-

LTE Band 12

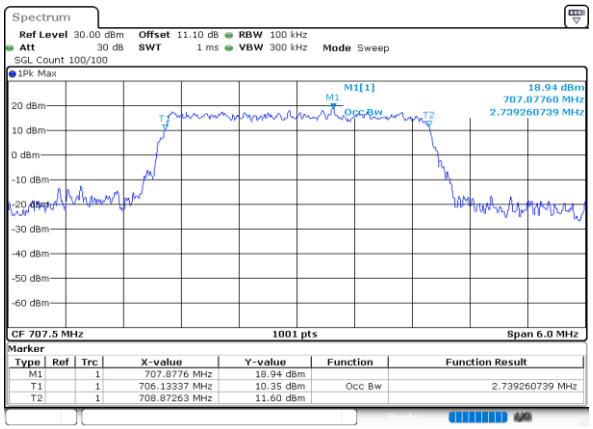
Middle Channel / 1.4MHz / QPSK



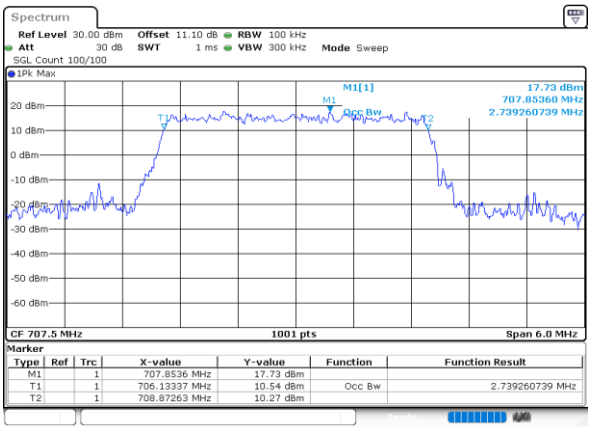
Middle Channel / 1.4MHz / 16QAM



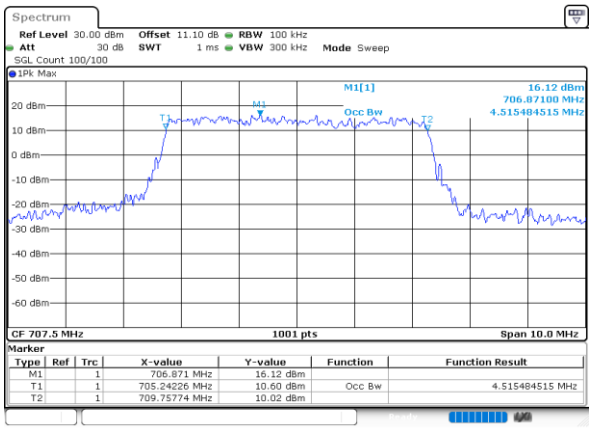
Middle Channel / 3MHz / QPSK



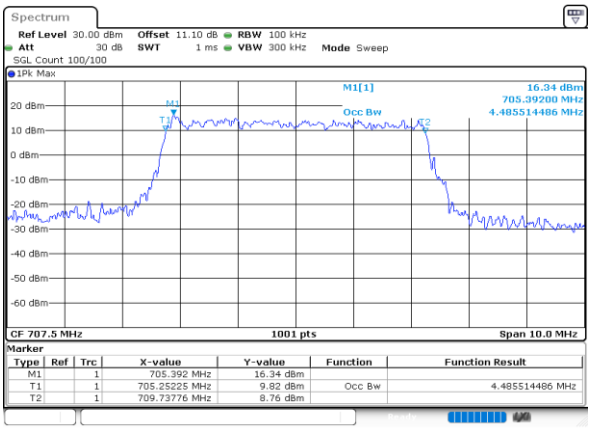
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

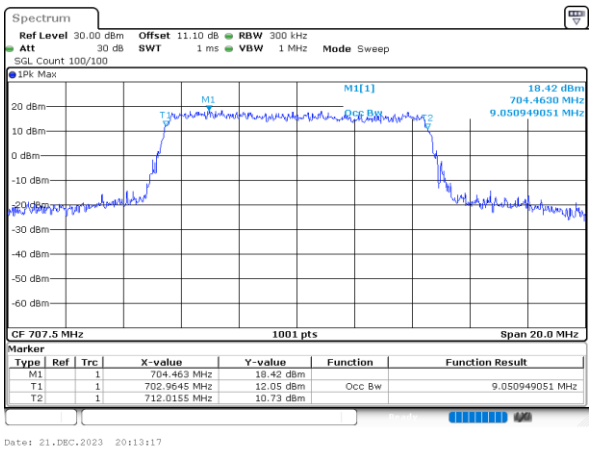


Middle Channel / 5MHz / 16QAM

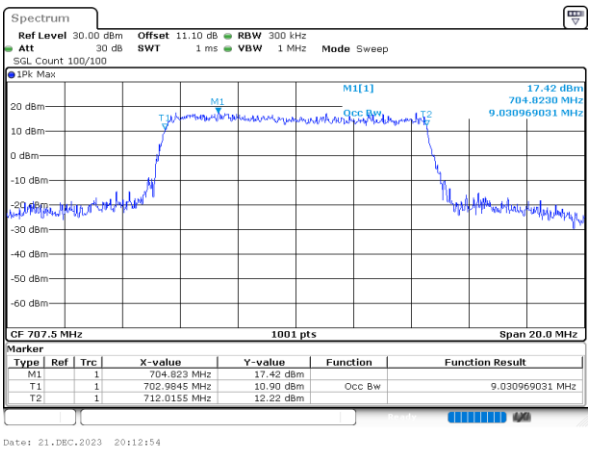


LTE Band 12

Middle Channel / 10MHz / QPSK

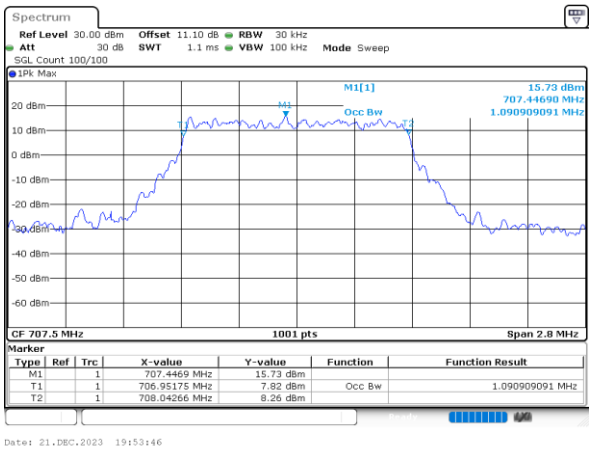


Middle Channel / 10MHz / 16QAM

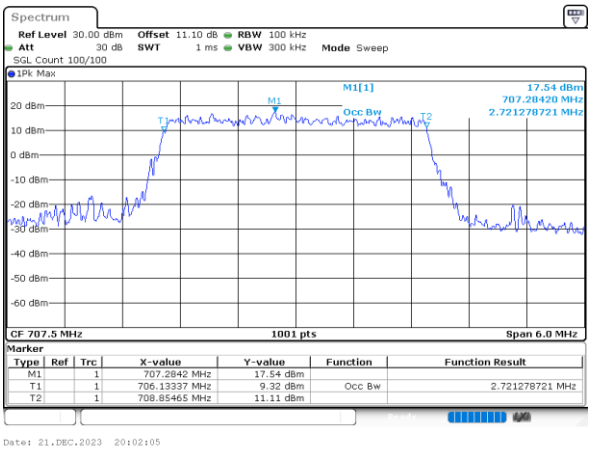


LTE Band 12

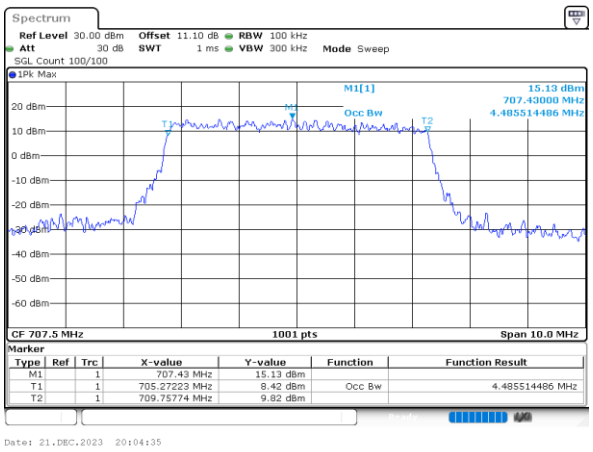
Middle Channel / 1.4MHz / 64QAM



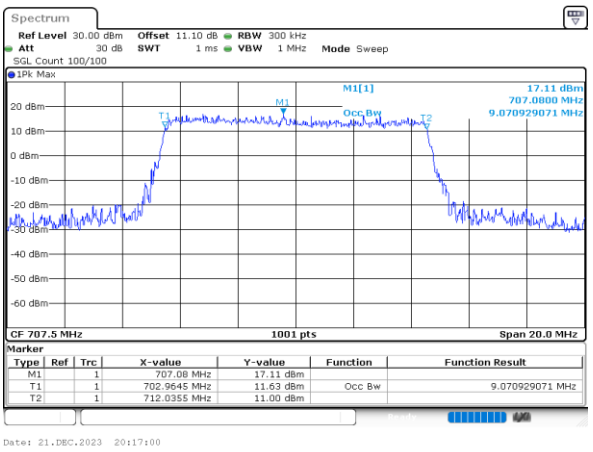
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM

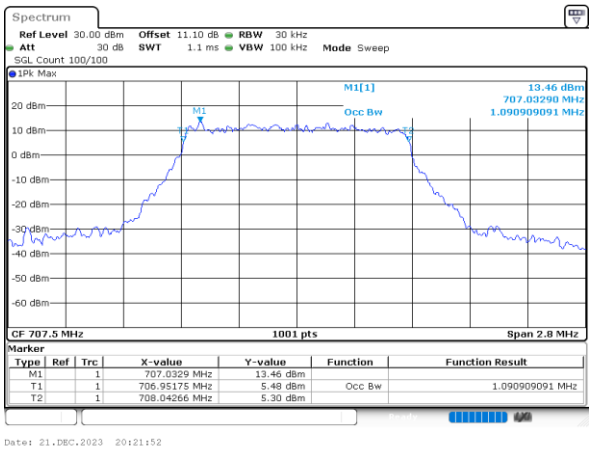


Middle Channel / 10MHz / 64QAM

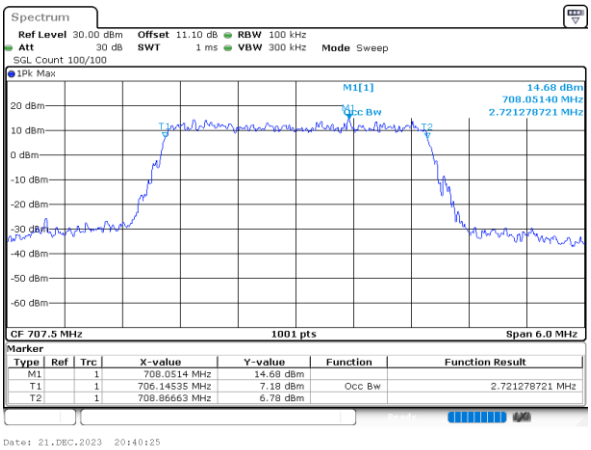


LTE Band 12

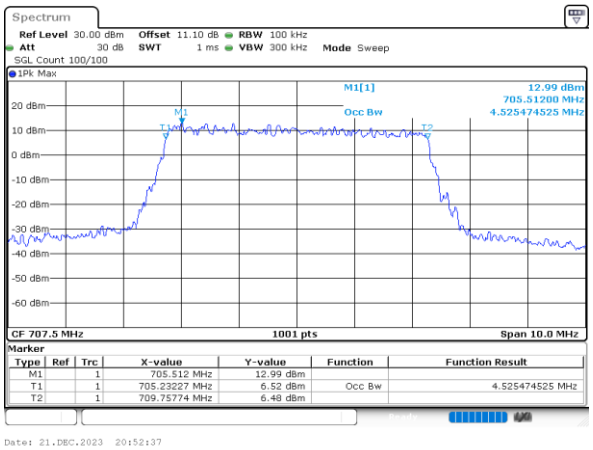
Middle Channel / 1.4MHz / 256QAM



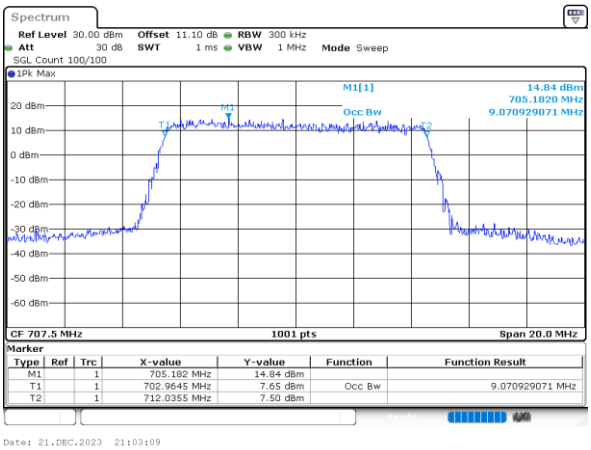
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



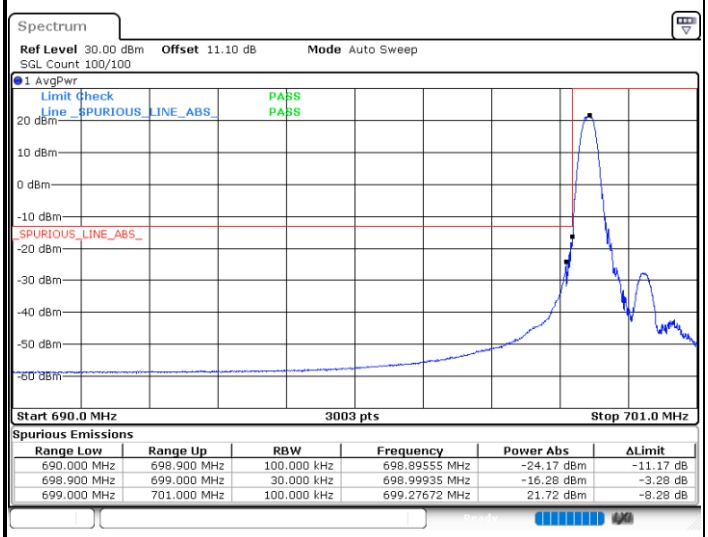
Middle Channel / 10MHz / 256QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

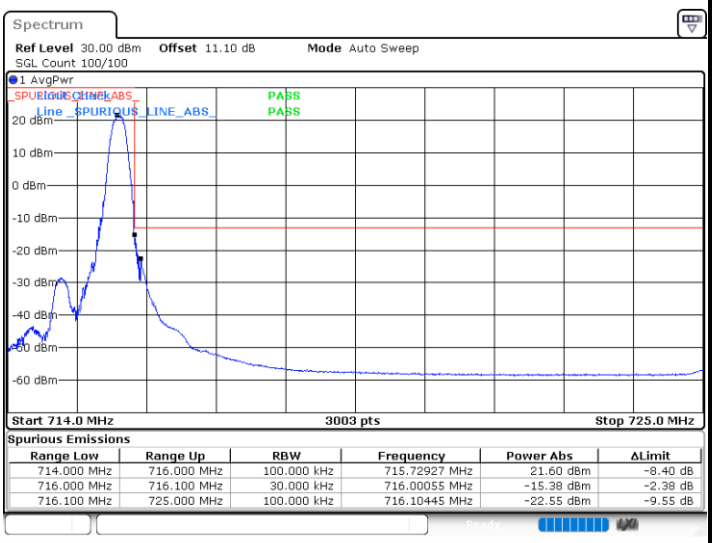


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.17 dBm	-11.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-16.28 dBm	-3.28 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27672 MHz	21.72 dBm	-8.28 dB

Date: 21.DEC.2023 19:43:06

Highest Band Edge / 1RB

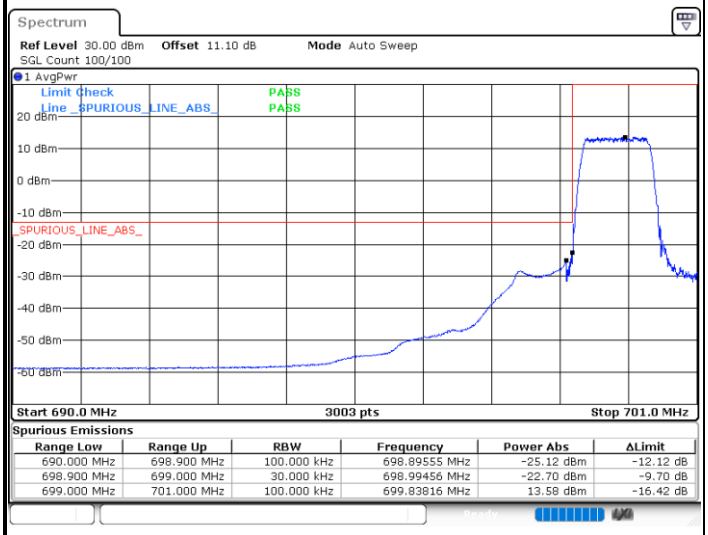


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.72927 MHz	21.60 dBm	-8.40 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-15.38 dBm	-2.38 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.55 dBm	-9.55 dB

Date: 21.DEC.2023 19:50:27

Lowest Band Edge / Full RB

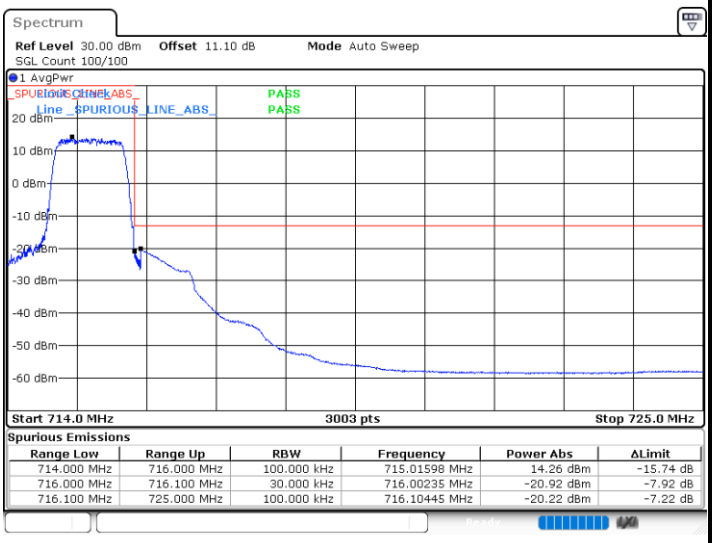


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.12 dBm	-12.12 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99456 MHz	-22.70 dBm	-9.70 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.83816 MHz	13.58 dBm	-16.42 dB

Date: 21.DEC.2023 19:40:31

Highest Band Edge / Full RB



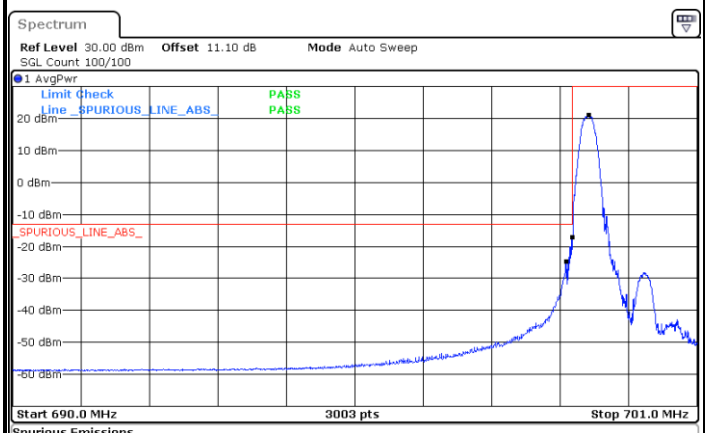
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.01598 MHz	14.26 dBm	-15.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-20.92 dBm	-7.92 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-20.22 dBm	-7.22 dB

Date: 21.DEC.2023 19:47:51

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

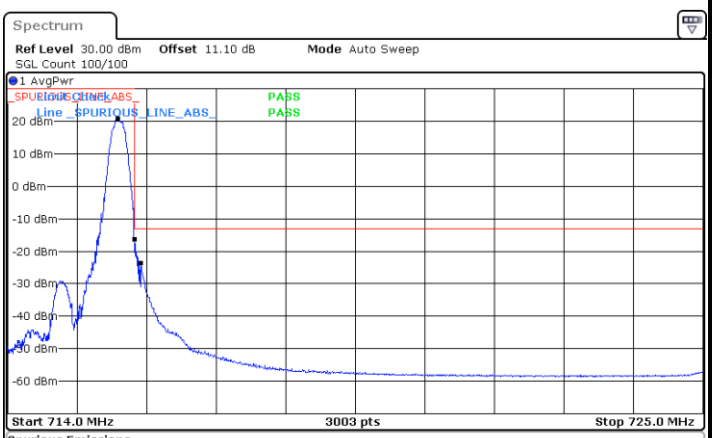


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.86 dBm	-11.86 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-17.08 dBm	-4.08 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26274 MHz	21.16 dBm	-8.84 dB

Date: 21.DEC.2023 19:42:15

Highest Band Edge / 1 RB

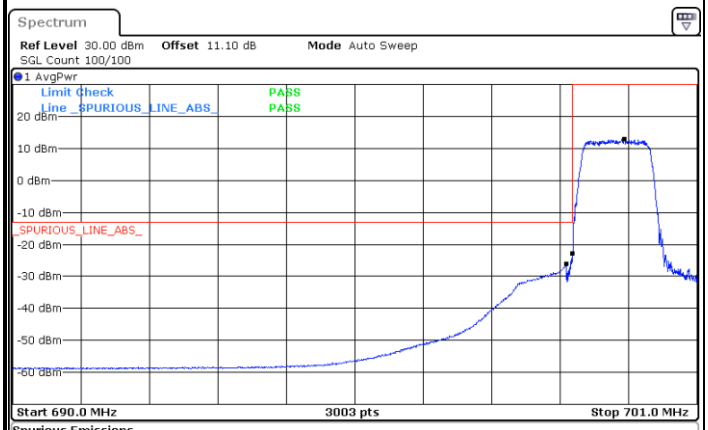


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74525 MHz	20.88 dBm	-9.12 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-16.43 dBm	-3.43 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.71 dBm	-10.71 dB

Date: 21.DEC.2023 19:49:35

Lowest Band Edge / Full RB

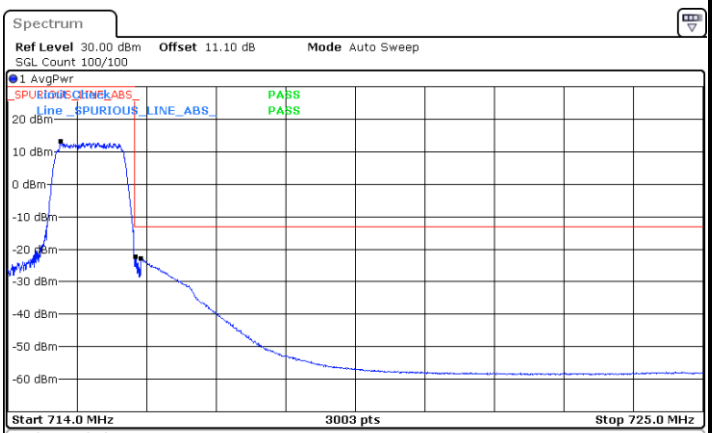


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.97 dBm	-12.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-22.88 dBm	-9.88 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.83417 MHz	12.95 dBm	-17.05 dB

Date: 21.DEC.2023 19:41:23

Highest Band Edge / Full RB



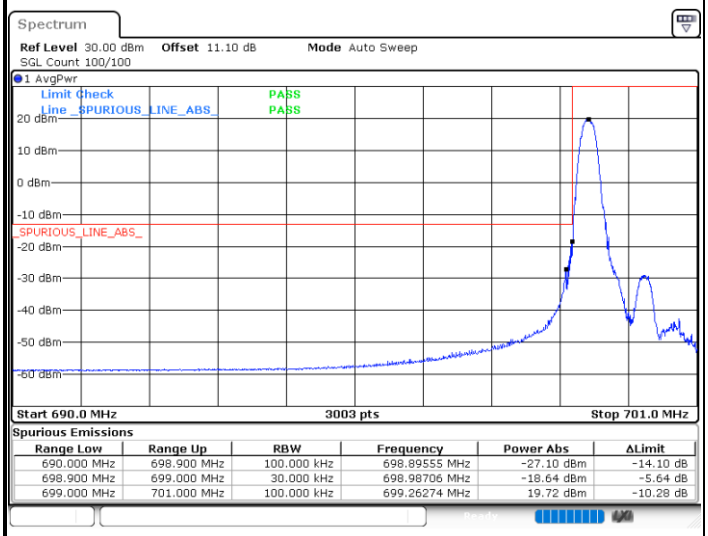
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.83616 MHz	13.12 dBm	-16.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01853 MHz	-22.26 dBm	-9.26 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.72 dBm	-9.72 dB

Date: 21.DEC.2023 19:48:43

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

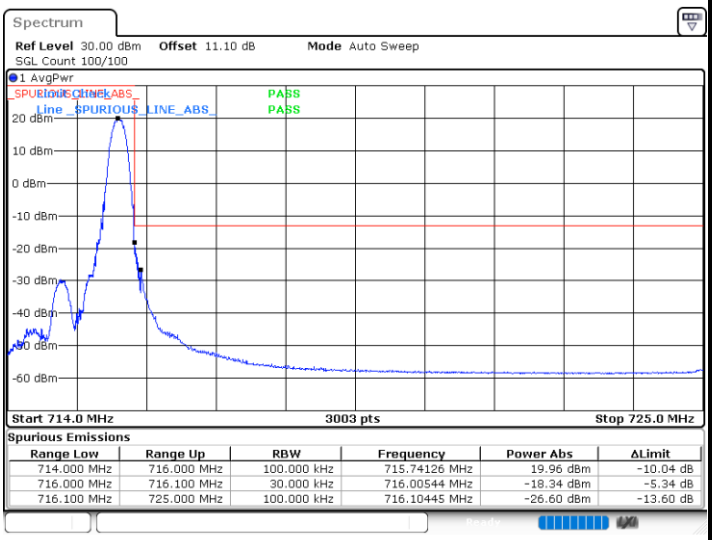


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.10 dBm	-14.10 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98706 MHz	-18.64 dBm	-5.64 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26274 MHz	19.72 dBm	-10.28 dB

Date: 21.DEC.2023 19:53:22

Highest Band Edge / 1 RB

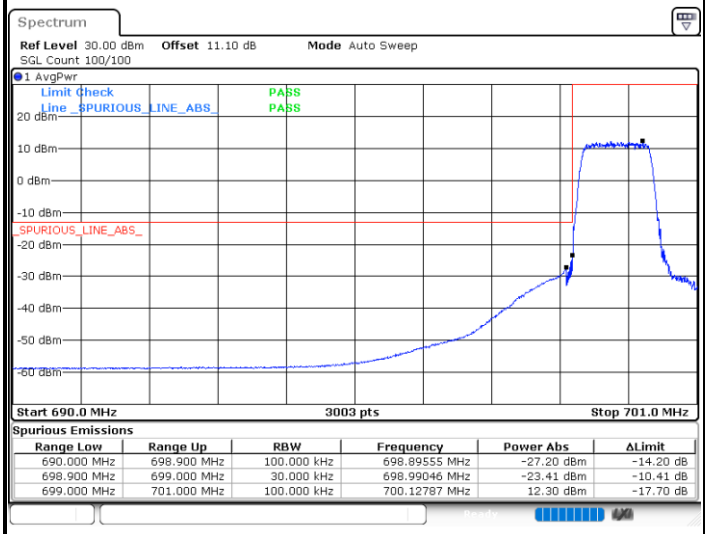


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74126 MHz	19.96 dBm	-10.04 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00544 MHz	-18.34 dBm	-5.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.60 dBm	-13.60 dB

Date: 21.DEC.2023 19:55:51

Lowest Band Edge / Full RB

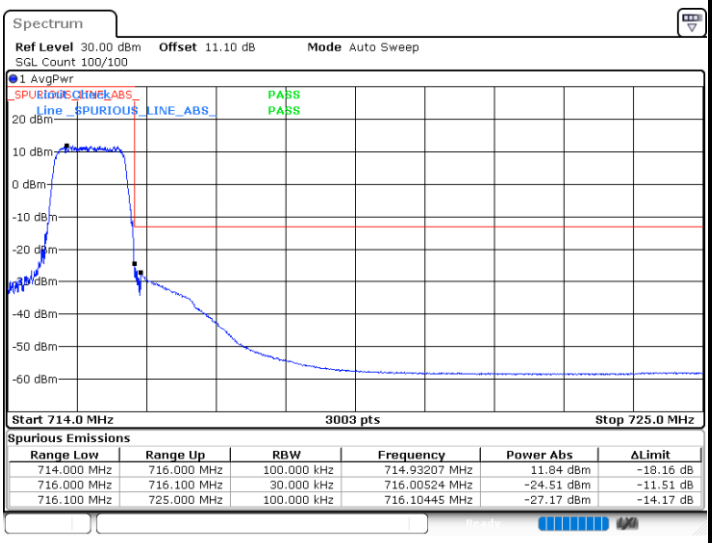


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.20 dBm	-14.20 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99046 MHz	-23.41 dBm	-10.41 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.12787 MHz	12.30 dBm	-17.70 dB

Date: 21.DEC.2023 19:52:30

Highest Band Edge / Full RB



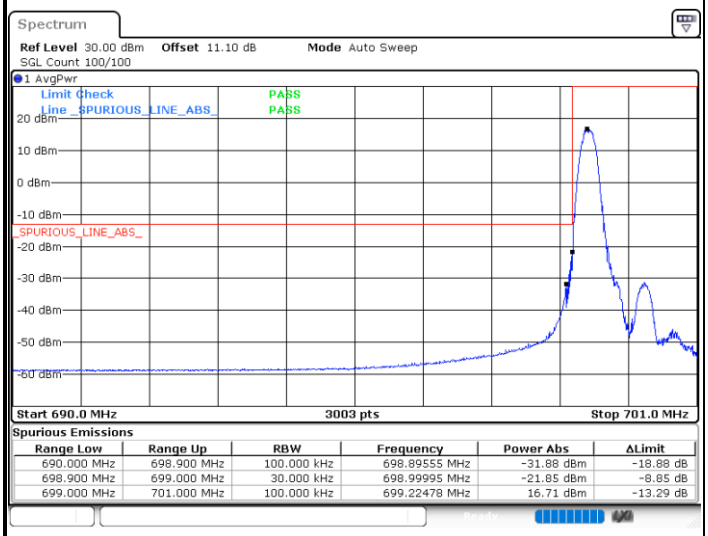
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.93207 MHz	11.84 dBm	-18.16 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00524 MHz	-24.51 dBm	-11.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.17 dBm	-14.17 dB

Date: 21.DEC.2023 19:54:59

LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

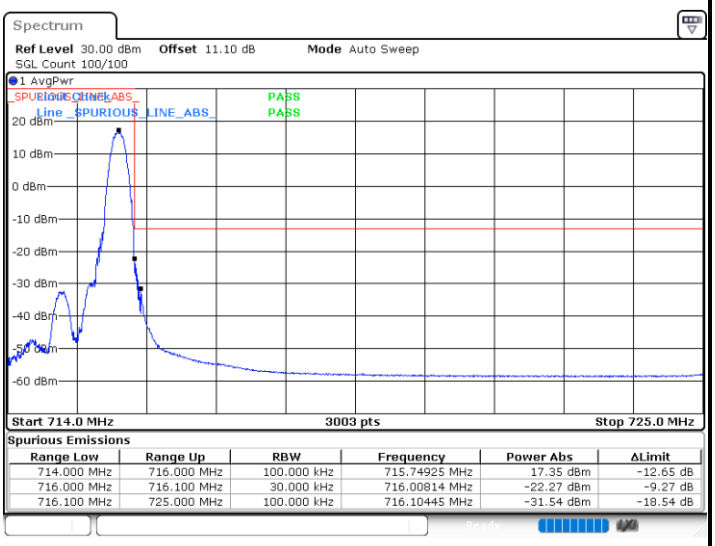


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.88 dBm	-18.88 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-21.85 dBm	-8.85 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.22478 MHz	16.71 dBm	-13.29 dB

Date: 21.DEC.2023 20:21:11

Highest Band Edge / 1 RB

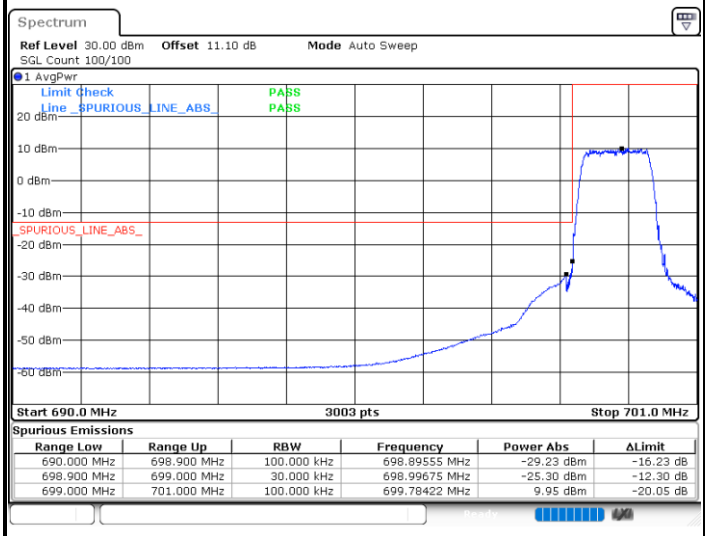


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74925 MHz	17.35 dBm	-12.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00814 MHz	-22.27 dBm	-9.27 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.54 dBm	-18.54 dB

Date: 21.DEC.2023 20:24:48

Lowest Band Edge / Full RB

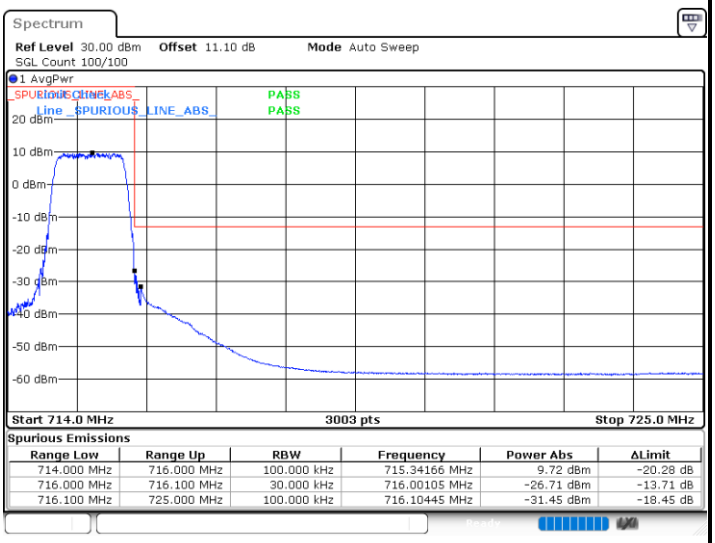


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.23 dBm	-16.23 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99675 MHz	-25.30 dBm	-12.30 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.78422 MHz	9.95 dBm	-20.05 dB

Date: 21.DEC.2023 20:20:16

Highest Band Edge / Full RB



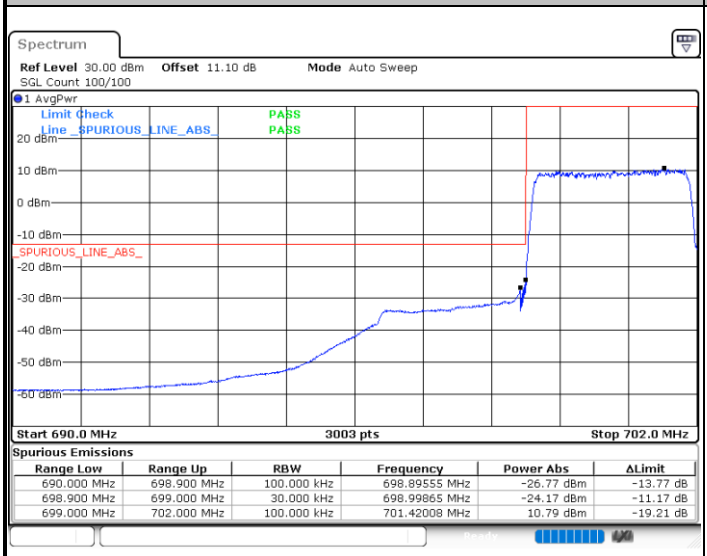
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.34166 MHz	9.72 dBm	-20.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-26.71 dBm	-13.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.45 dBm	-18.45 dB

Date: 21.DEC.2023 20:23:53

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / Full RB

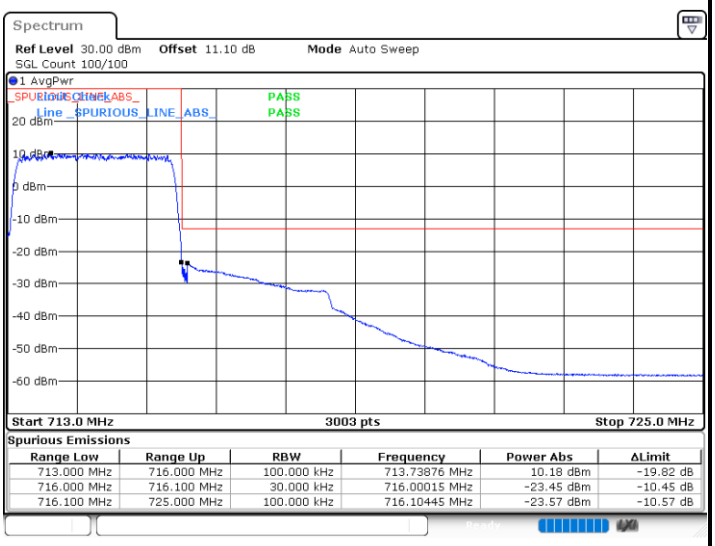


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.77 dBm	-13.77 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-24.17 dBm	-11.17 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.42008 MHz	10.79 dBm	-19.21 dB

Date: 21.DEC.2023 19:56:44

Highest Band Edge / Full RB



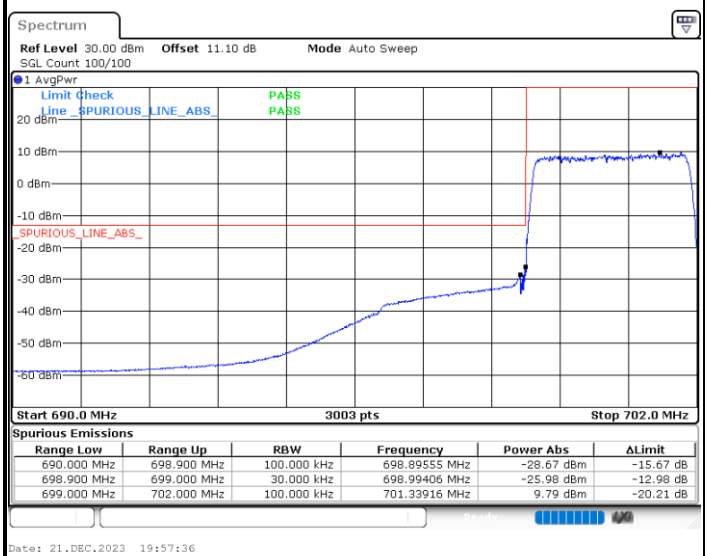
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.73876 MHz	10.18 dBm	-19.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-23.45 dBm	-10.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.57 dBm	-10.57 dB

Date: 21.DEC.2023 19:59:58

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / Full RB

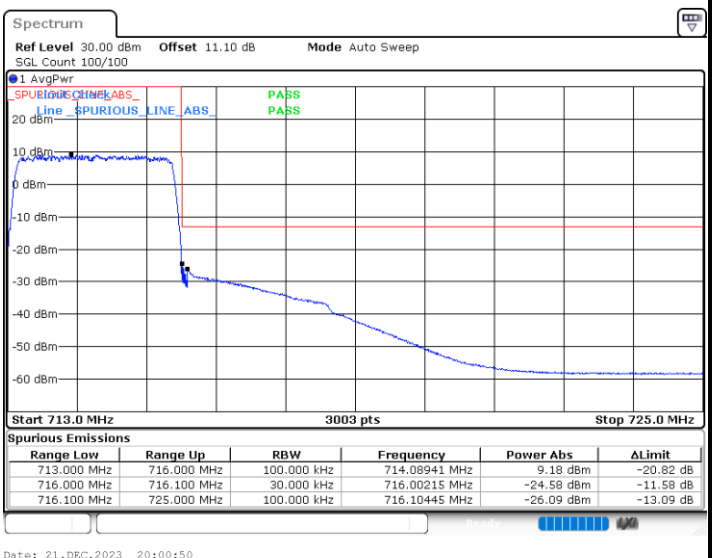


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.67 dBm	-15.67 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99406 MHz	-25.98 dBm	-12.98 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.33916 MHz	9.79 dBm	-20.21 dB

Date: 21.DEC.2023 19:57:36

Highest Band Edge / Full RB



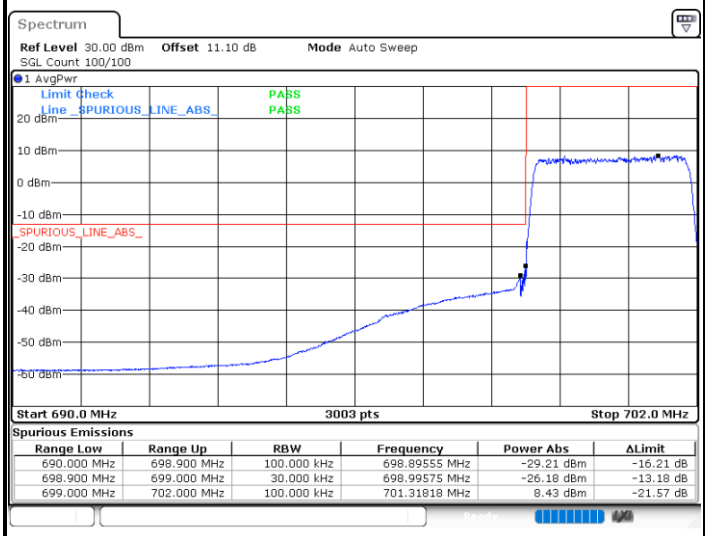
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.08941 MHz	9.18 dBm	-20.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00215 MHz	-24.58 dBm	-11.58 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.09 dBm	-13.09 dB

Date: 21.DEC.2023 20:00:50

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / Full RB

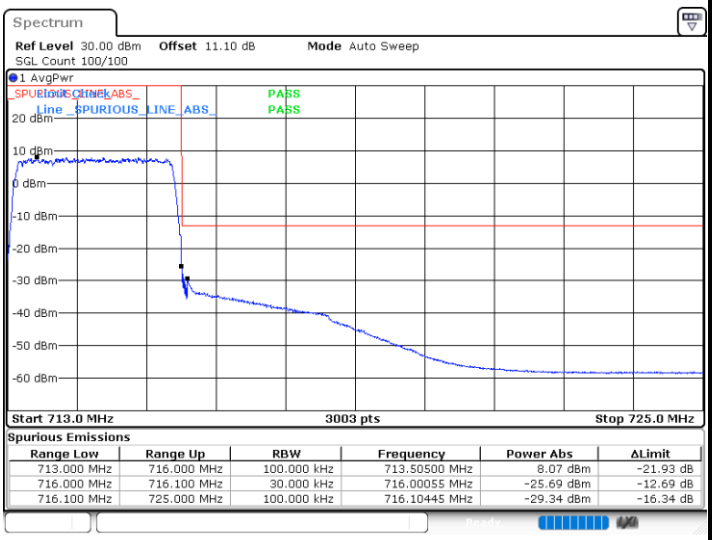


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.21 dBm	-16.21 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99575 MHz	-26.18 dBm	-13.18 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.31818 MHz	8.43 dBm	-21.57 dB

Date: 21.DEC.2023 20:01:42

Highest Band Edge / Full RB



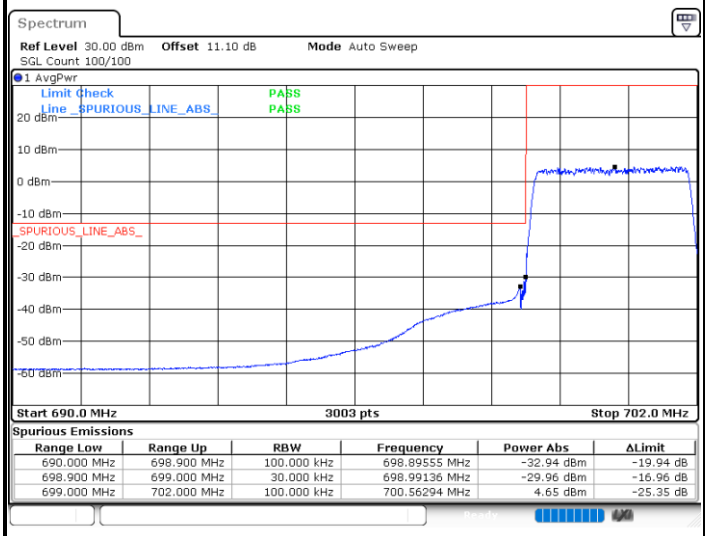
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.50500 MHz	8.07 dBm	-21.93 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-25.69 dBm	-12.69 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.34 dBm	-16.34 dB

Date: 21.DEC.2023 20:03:19

LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / Full RB

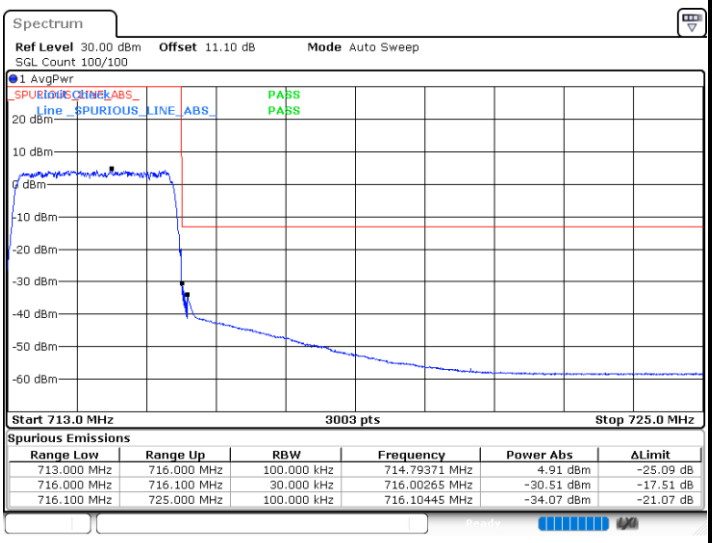


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.94 dBm	-19.94 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99136 MHz	-29.96 dBm	-16.96 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.56294 MHz	4.65 dBm	-25.35 dB

Date: 21.DEC.2023 20:39:41

Highest Band Edge / Full RB



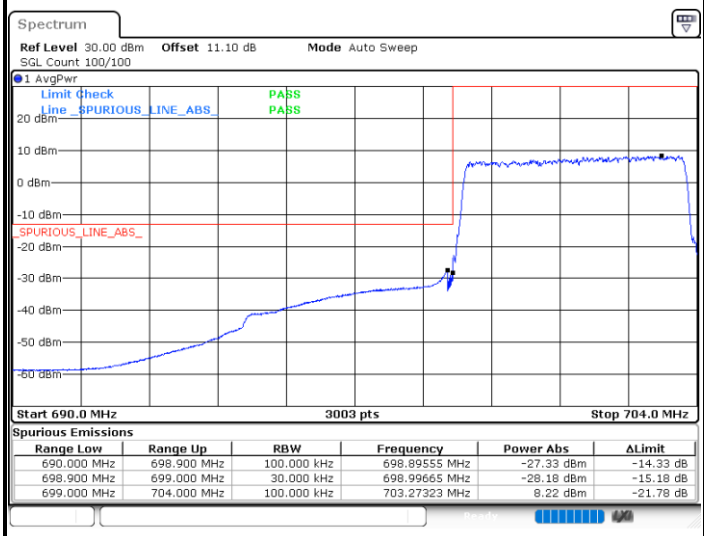
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.79371 MHz	4.91 dBm	-25.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00265 MHz	-30.51 dBm	-17.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.07 dBm	-21.07 dB

Date: 21.DEC.2023 20:43:16

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / Full RB

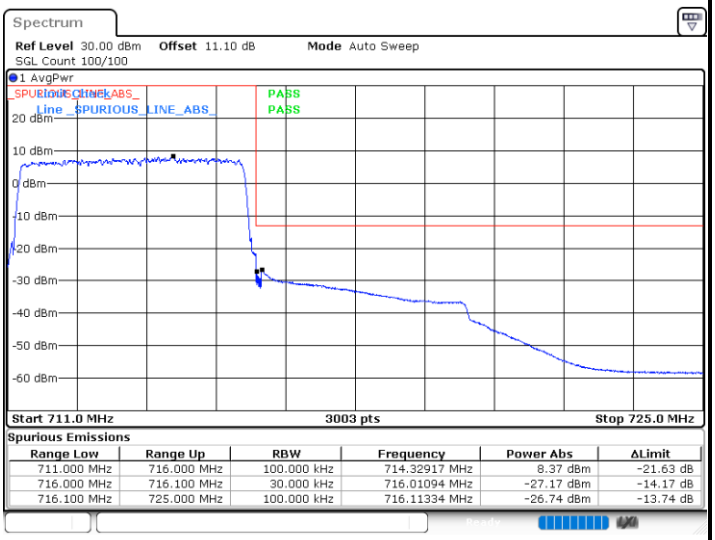


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.33 dBm	-14.33 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99665 MHz	-28.18 dBm	-15.18 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.27323 MHz	8.22 dBm	-21.78 dB

Date: 21.DEC.2023 20:06:41

Highest Band Edge / Full RB



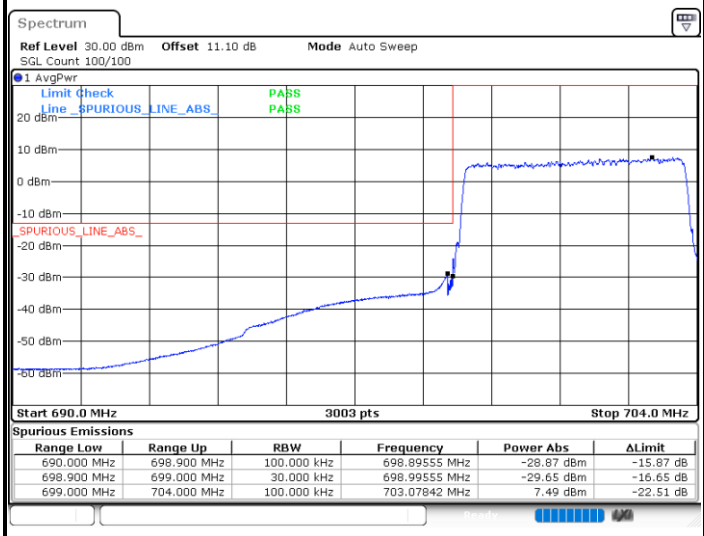
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.32917 MHz	8.37 dBm	-21.63 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01094 MHz	-27.17 dBm	-14.17 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-26.74 dBm	-13.74 dB

Date: 21.DEC.2023 20:09:55

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / Full RB

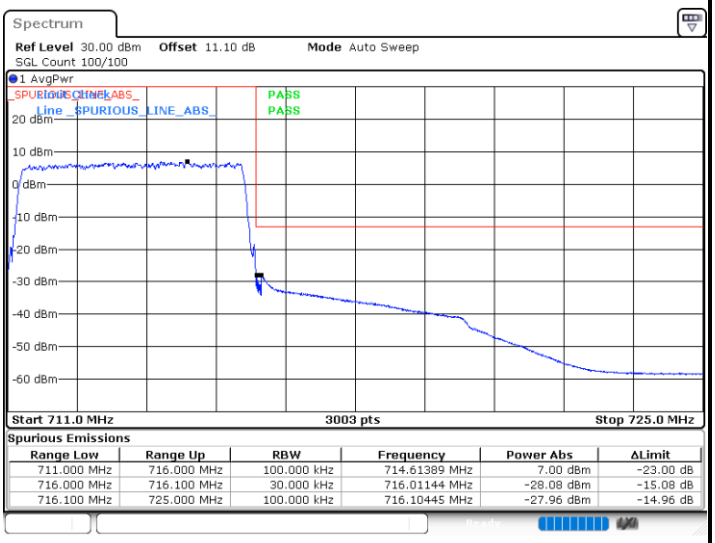


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.87 dBm	-15.87 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99555 MHz	-29.65 dBm	-16.65 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.07842 MHz	7.49 dBm	-22.51 dB

Date: 21.DEC.2023 20:07:33

Highest Band Edge / Full RB



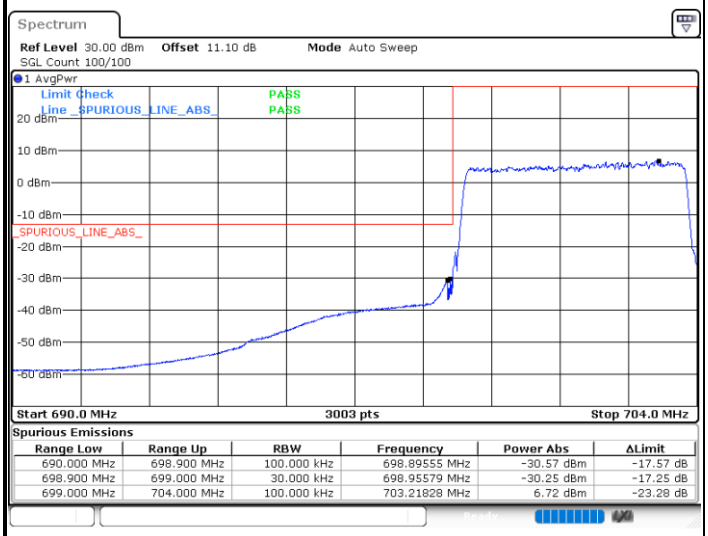
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.61389 MHz	7.00 dBm	-23.00 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01144 MHz	-28.08 dBm	-15.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.96 dBm	-14.96 dB

Date: 21.DEC.2023 20:10:47

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / Full RB

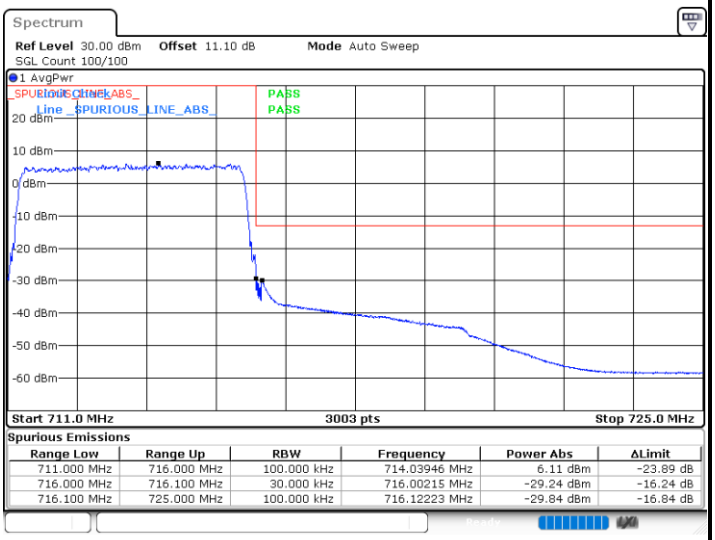


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.57 dBm	-17.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.95579 MHz	-30.25 dBm	-17.25 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.21828 MHz	6.72 dBm	-23.28 dB

Date: 21.DEC.2023 20:04:12

Highest Band Edge / Full RB



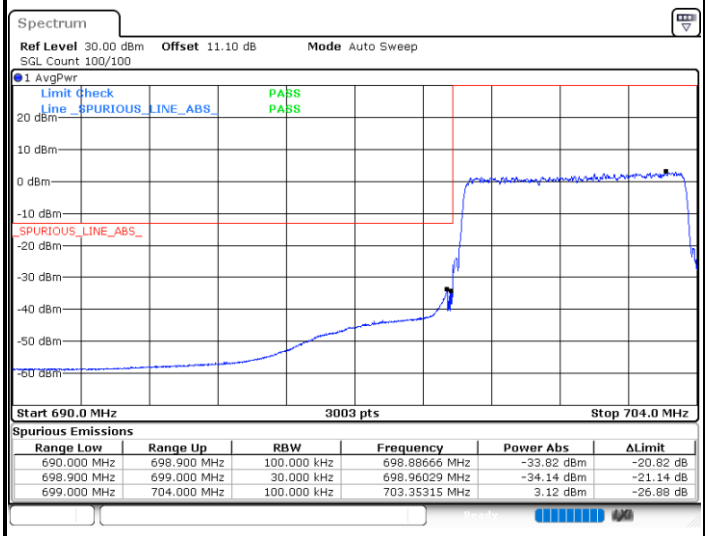
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.03946 MHz	6.11 dBm	-23.89 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00215 MHz	-29.24 dBm	-16.24 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-29.84 dBm	-16.84 dB

Date: 21.DEC.2023 20:05:49

LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / Full RB

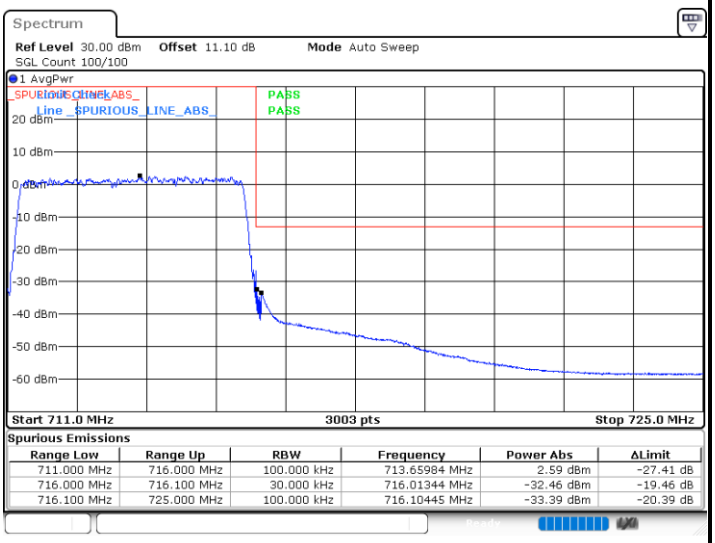


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-33.82 dBm	-20.82 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96029 MHz	-34.14 dBm	-21.14 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.35315 MHz	3.12 dBm	-26.88 dB

Date: 21.DEC.2023 20:45:15

Highest Band Edge / Full RB



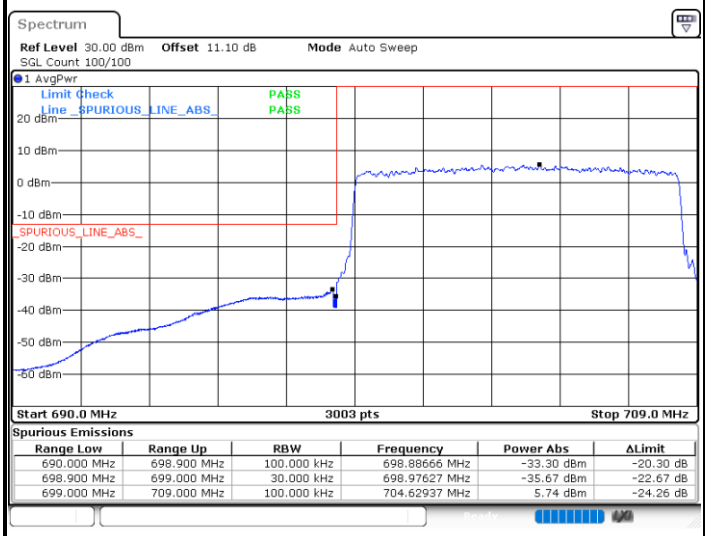
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.65984 MHz	2.59 dBm	-27.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01344 MHz	-32.46 dBm	-19.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.39 dBm	-20.39 dB

Date: 21.DEC.2023 20:54:58

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / Full RB

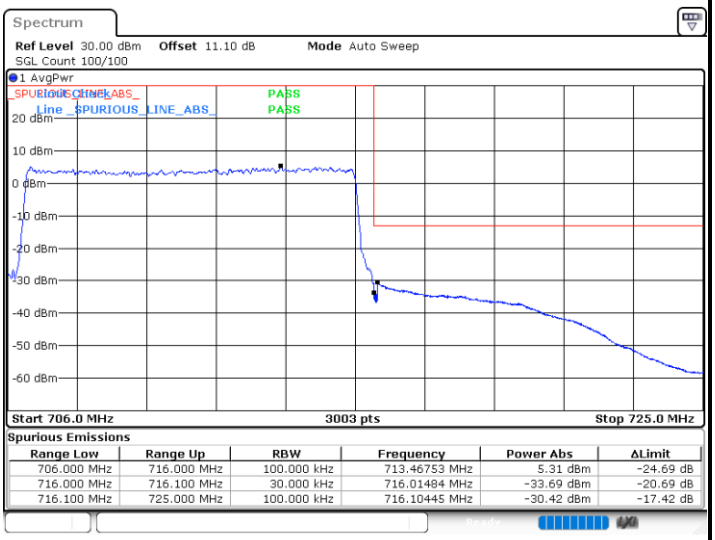


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-33.30 dBm	-20.30 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97627 MHz	-35.67 dBm	-22.67 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.62937 MHz	5.74 dBm	-24.26 dB

Date: 21.DEC.2023 20:11:39

Highest Band Edge / Full RB



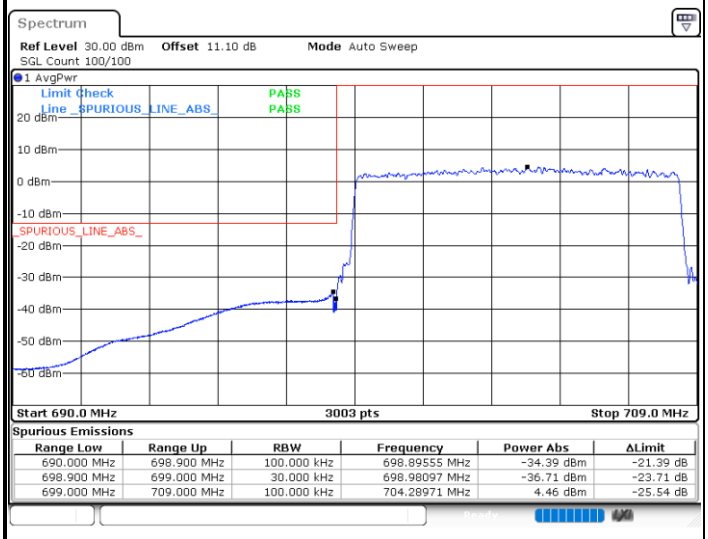
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	713.46753 MHz	5.31 dBm	-24.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01484 MHz	-33.69 dBm	-20.69 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.42 dBm	-17.42 dB

Date: 21.DEC.2023 20:14:53

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / Full RB

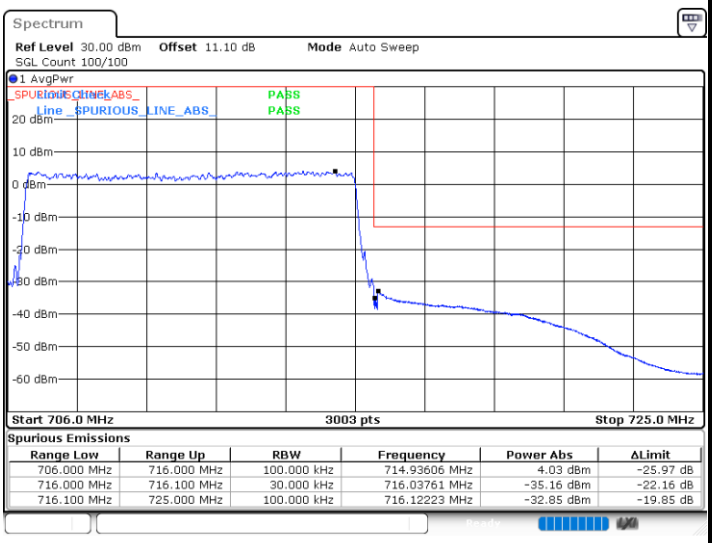


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.39 dBm	-21.39 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98097 MHz	-36.71 dBm	-23.71 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.28971 MHz	4.46 dBm	-25.54 dB

Date: 21.DEC.2023 20:12:31

Highest Band Edge / Full RB



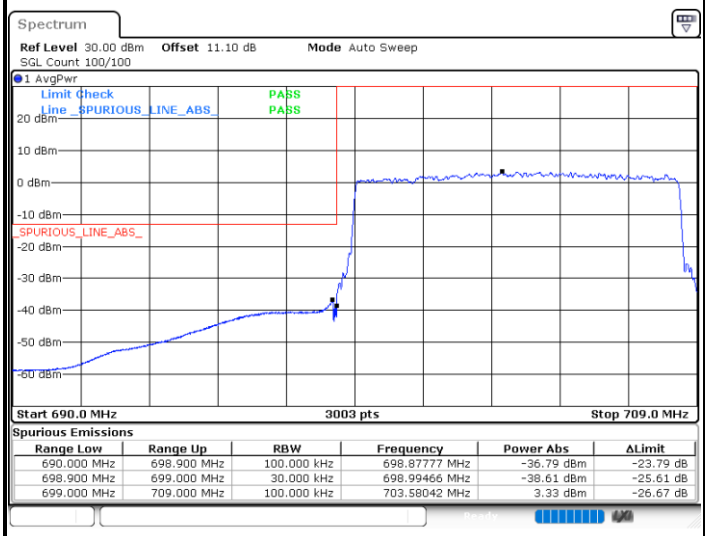
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	714.93606 MHz	4.03 dBm	-25.97 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03761 MHz	-35.16 dBm	-22.16 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-32.85 dBm	-19.85 dB

Date: 21.DEC.2023 20:15:45

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / Full RB

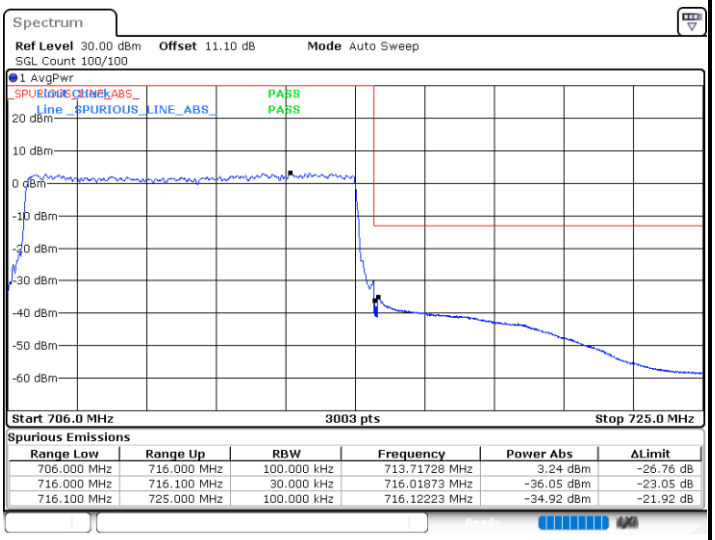


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-36.79 dBm	-23.79 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99466 MHz	-38.61 dBm	-25.61 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.58042 MHz	3.33 dBm	-26.67 dB

Date: 21.DEC.2023 20:16:37

Highest Band Edge / Full RB



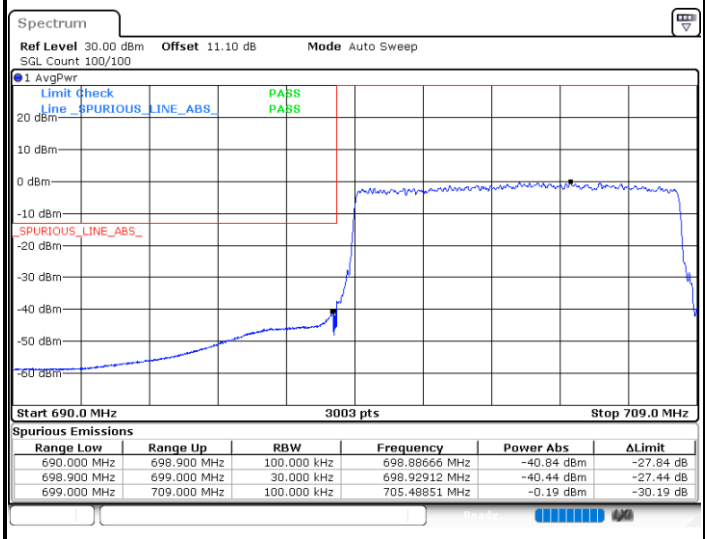
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	713.71728 MHz	3.24 dBm	-26.76 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01873 MHz	-36.05 dBm	-23.05 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-34.92 dBm	-21.92 dB

Date: 21.DEC.2023 20:18:13

LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / Full RB

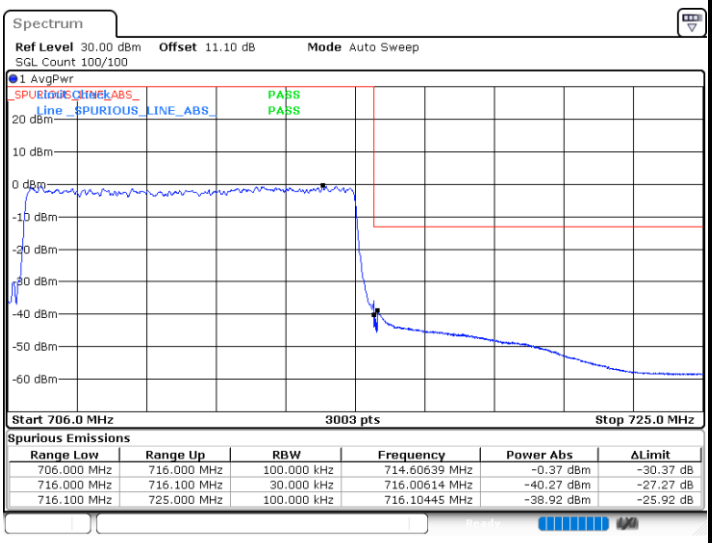


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-40.84 dBm	-27.84 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.92912 MHz	-40.44 dBm	-27.44 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.48851 MHz	-0.19 dBm	-30.19 dB

Date: 21.DEC.2023 21:02:28

Highest Band Edge / Full RB



Spurious Emissions

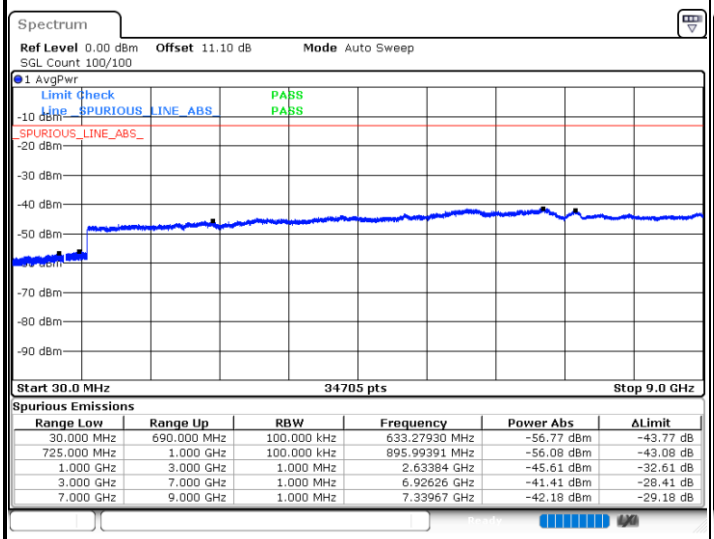
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	714.60639 MHz	-0.37 dBm	-30.37 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00614 MHz	-40.27 dBm	-27.27 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.92 dBm	-25.92 dB

Date: 21.DEC.2023 21:12:15

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

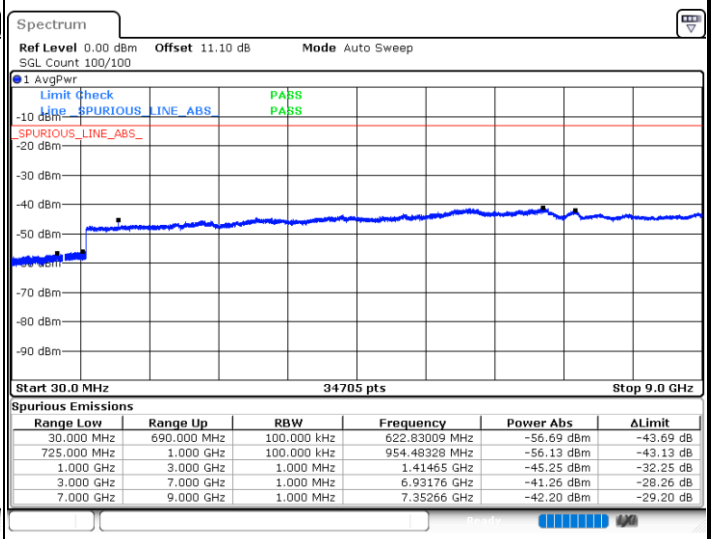


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	633.27930 MHz	-56.77 dBm	-43.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.99391 MHz	-56.08 dBm	-43.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63384 GHz	-45.61 dBm	-32.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92626 GHz	-41.41 dBm	-28.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33967 GHz	-42.18 dBm	-29.18 dB

Date: 21.DEC.2023 19:44:18

Middle Channel / QPSK

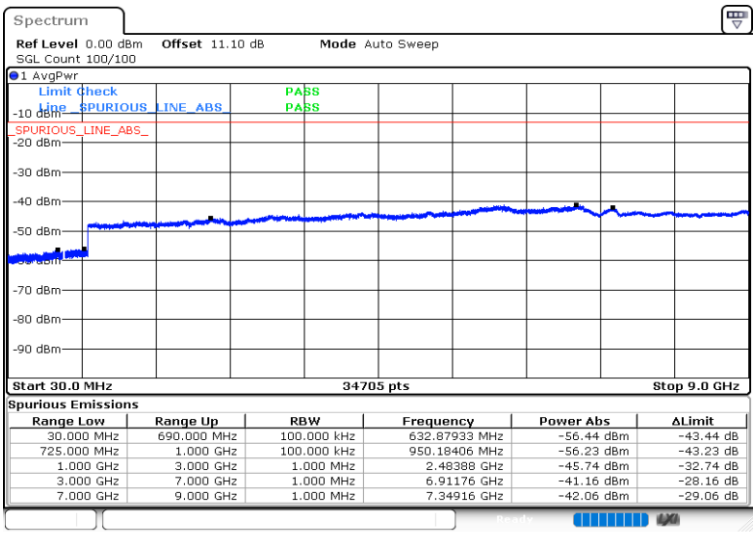


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	622.83009 MHz	-56.69 dBm	-43.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	954.48328 MHz	-56.13 dBm	-43.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93176 GHz	-41.26 dBm	-28.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35266 GHz	-42.20 dBm	-29.20 dB

Date: 21.DEC.2023 19:46:59

Highest Channel / QPSK



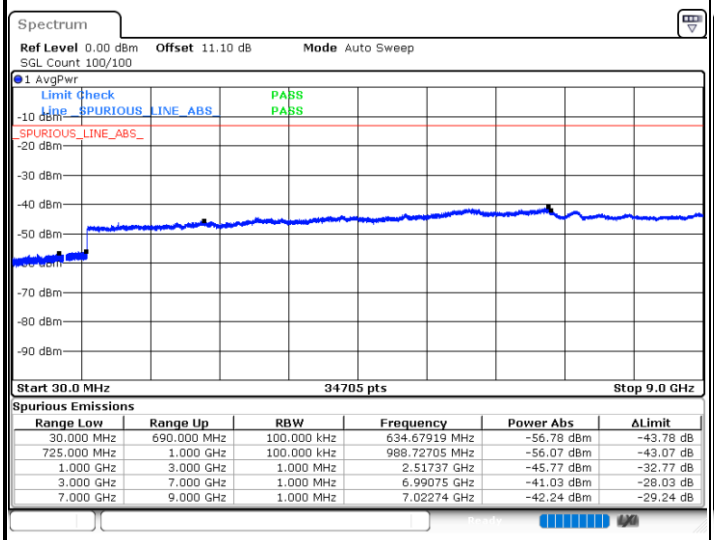
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	632.87933 MHz	-56.44 dBm	-43.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	950.18406 MHz	-56.23 dBm	-43.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48388 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91176 GHz	-41.16 dBm	-28.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34916 GHz	-42.06 dBm	-29.06 dB

Date: 21.DEC.2023 19:51:39

LTE Band 12 / 3MHz

Lowest Channel / QPSK

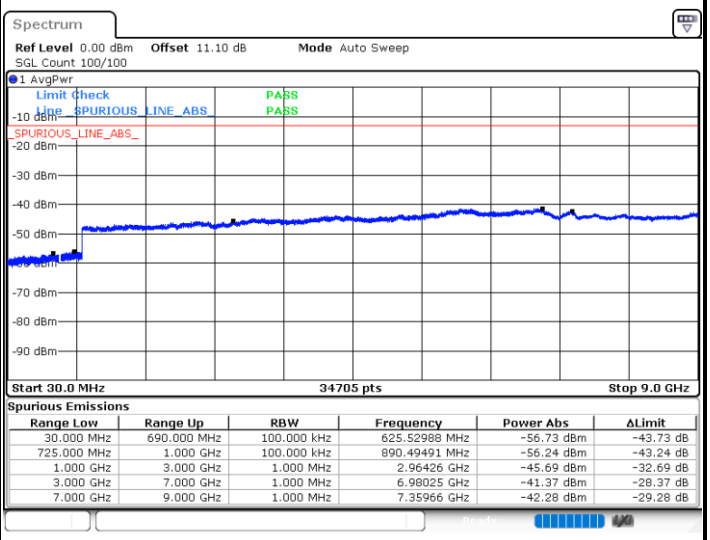


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	634.67919 MHz	-56.78 dBm	-43.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	988.72705 MHz	-56.07 dBm	-43.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51737 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.03 dBm	-28.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02274 GHz	-42.24 dBm	-29.24 dB

Date: 21.DEC.2023 21:15:49

Middle Channel / QPSK

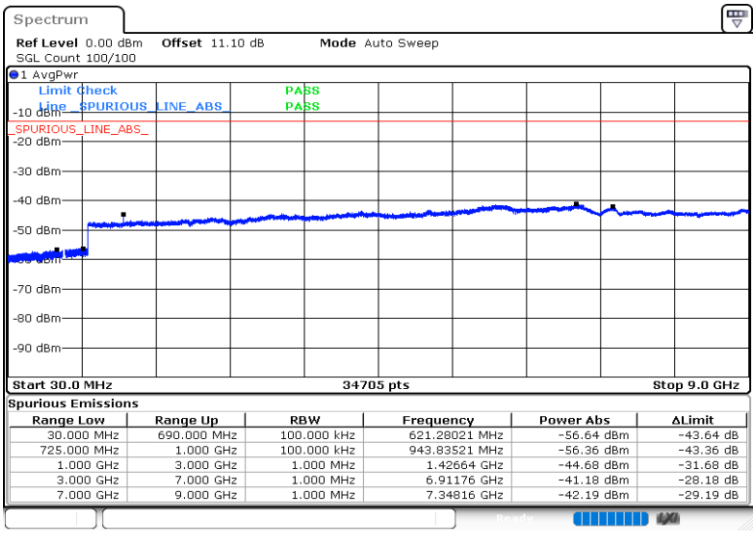


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.52988 MHz	-56.73 dBm	-43.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	890.49491 MHz	-56.24 dBm	-43.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96426 GHz	-45.69 dBm	-32.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-41.37 dBm	-28.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35966 GHz	-42.28 dBm	-29.28 dB

Date: 21.DEC.2023 21:17:00

Highest Channel / QPSK



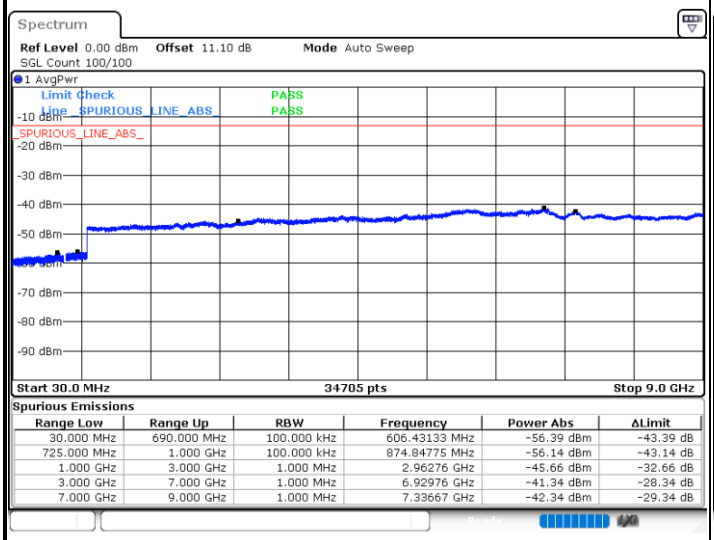
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.28021 MHz	-56.64 dBm	-43.64 dB
725.000 MHz	1.000 GHz	100.000 kHz	943.83521 MHz	-56.36 dBm	-43.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-44.68 dBm	-31.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91176 GHz	-41.18 dBm	-28.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34816 GHz	-42.19 dBm	-29.19 dB

Date: 21.DEC.2023 21:18:11

LTE Band 12 / 5MHz

Lowest Channel / QPSK

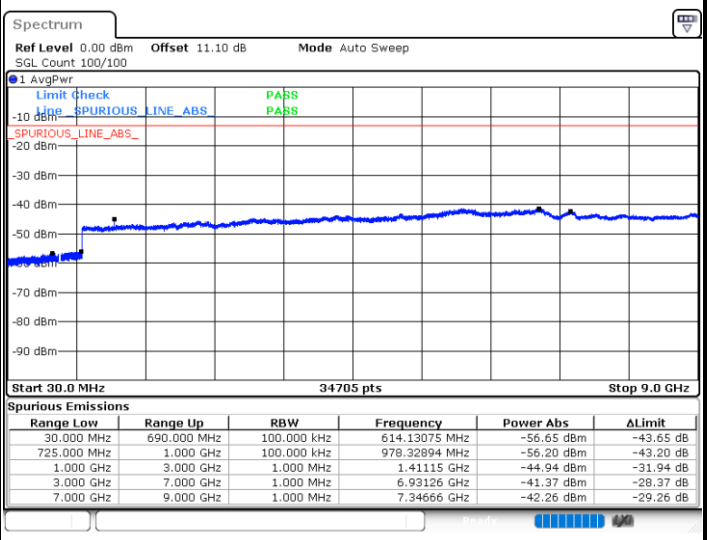


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	606.43133 MHz	-56.39 dBm	-43.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	874.84775 MHz	-56.14 dBm	-43.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96276 GHz	-45.66 dBm	-32.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92976 GHz	-41.34 dBm	-28.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33667 GHz	-42.34 dBm	-29.34 dB

Date: 21.DEC.2023 21:19:22

Middle Channel / QPSK

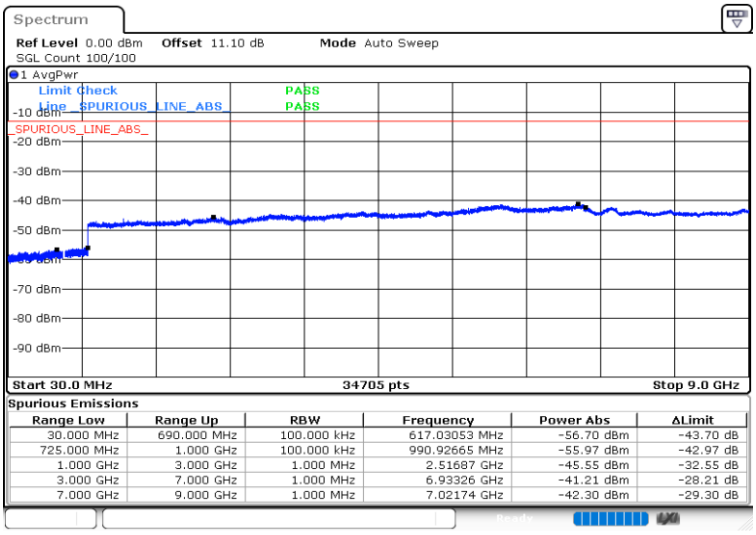


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	614.13075 MHz	-56.65 dBm	-43.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	978.32894 MHz	-56.20 dBm	-43.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-44.94 dBm	-31.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93126 GHz	-41.37 dBm	-28.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34666 GHz	-42.26 dBm	-29.26 dB

Date: 21.DEC.2023 21:20:33

Highest Channel / QPSK



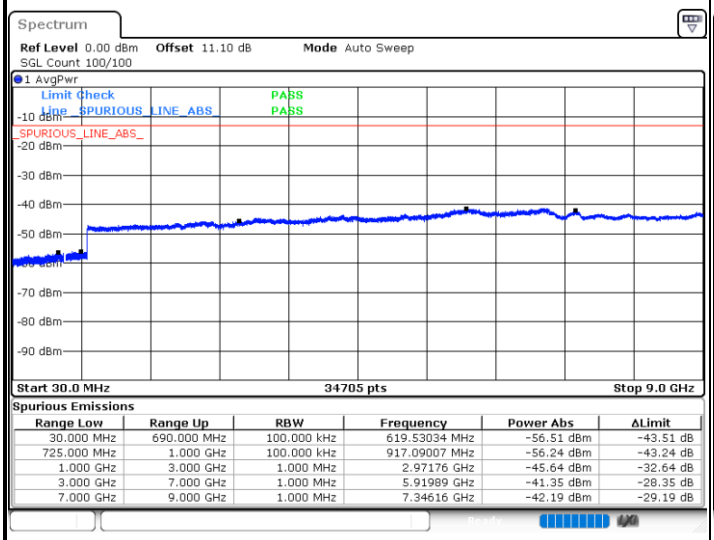
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	617.03053 MHz	-56.70 dBm	-43.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.92665 MHz	-55.97 dBm	-42.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51687 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93326 GHz	-41.21 dBm	-28.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02174 GHz	-42.30 dBm	-29.30 dB

Date: 21.DEC.2023 21:21:44

LTE Band 12 / 10MHz

Lowest Channel / QPSK

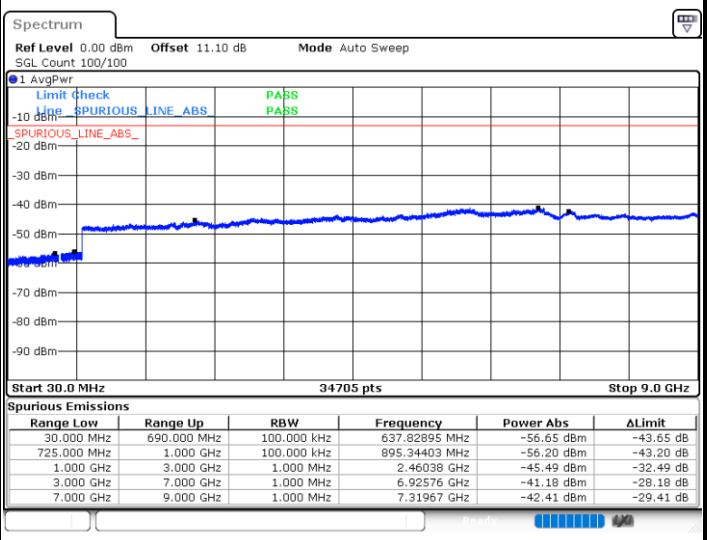


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	619.53034 MHz	-56.51 dBm	-43.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.09007 MHz	-56.24 dBm	-43.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97176 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91989 GHz	-41.35 dBm	-28.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34616 GHz	-42.19 dBm	-29.19 dB

Date: 21.DEC.2023 21:22:55

Middle Channel / QPSK

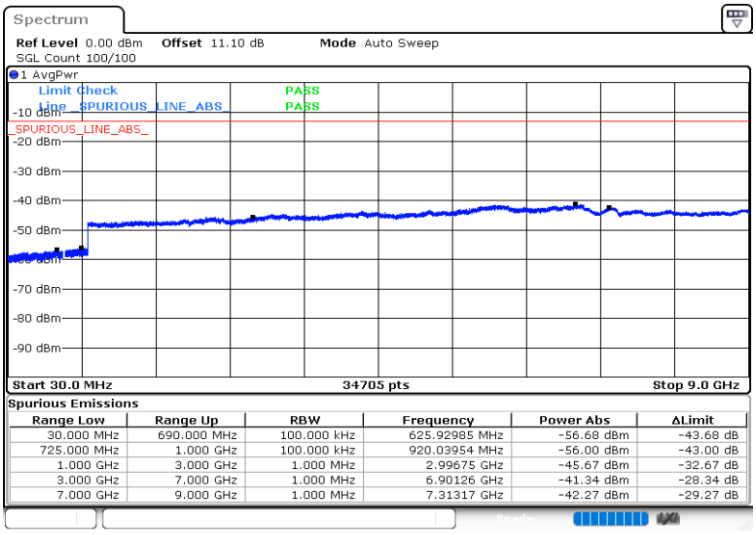


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	637.82895 MHz	-56.65 dBm	-43.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.34403 MHz	-56.20 dBm	-43.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.46038 GHz	-45.49 dBm	-32.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92576 GHz	-41.18 dBm	-28.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.31967 GHz	-42.41 dBm	-29.41 dB

Date: 21.DEC.2023 21:24:06

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.92985 MHz	-56.68 dBm	-43.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.03954 MHz	-56.00 dBm	-43.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99675 GHz	-45.67 dBm	-32.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-41.34 dBm	-28.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.31317 GHz	-42.27 dBm	-29.27 dB

Date: 21.DEC.2023 21:25:17

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0136	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0095	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0136	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0116	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0095	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

Note:

1. Normal Voltage = 3.8 V.；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.94	6.32	6.78	PASS