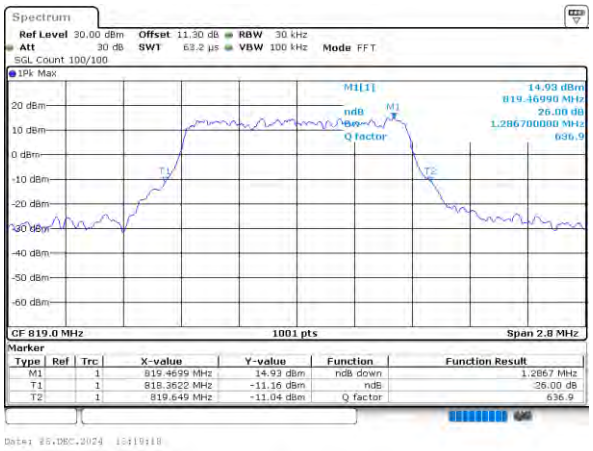
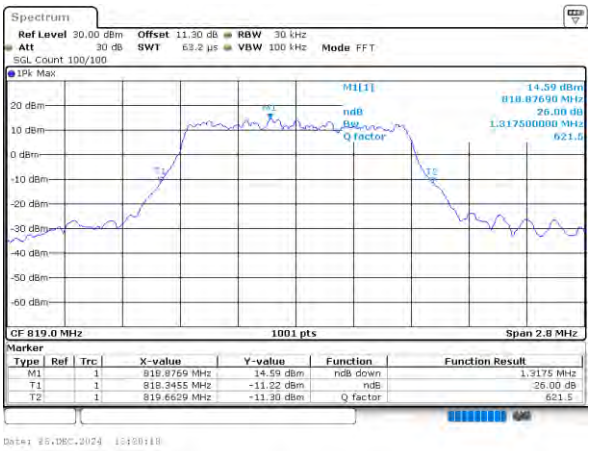
LTE Band 26

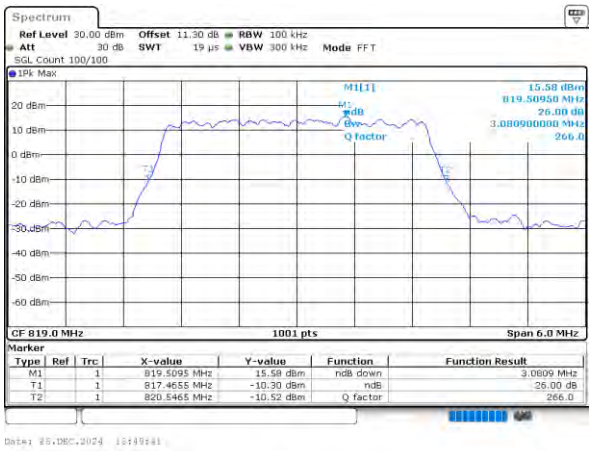
Middle Channel / 1.4MHz / QPSK



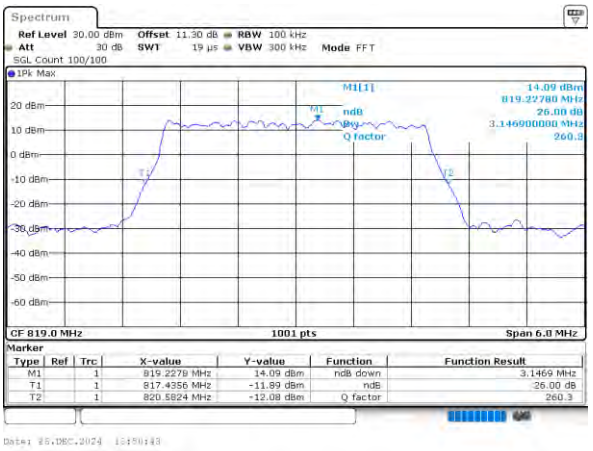
Middle Channel / 1.4MHz / 16QAM



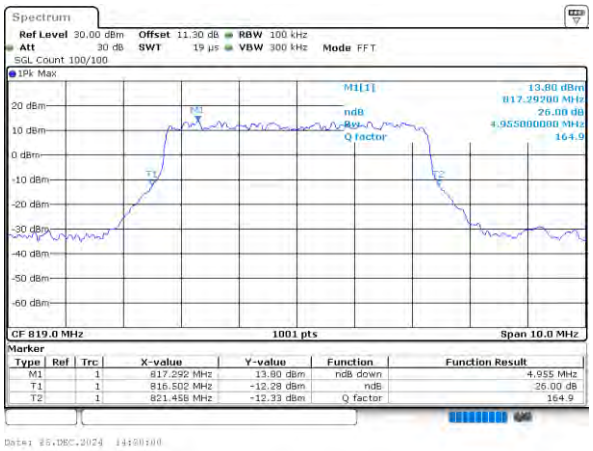
Middle Channel / 3MHz / QPSK



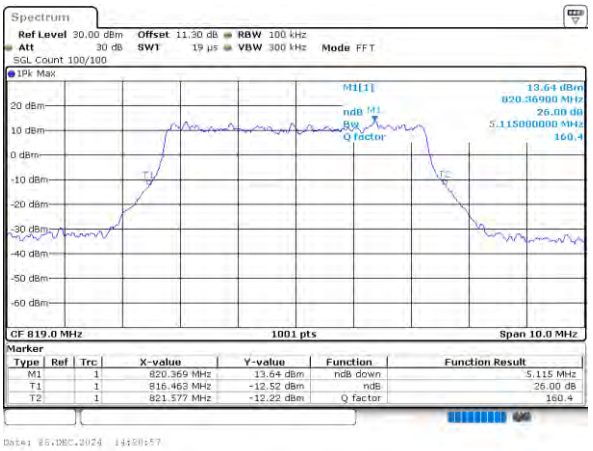
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

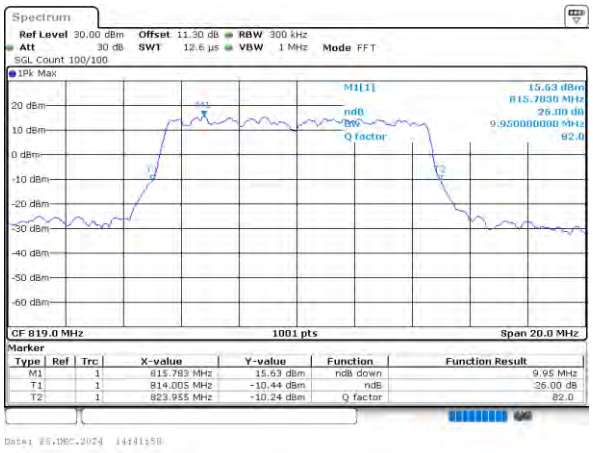


Middle Channel / 5MHz / 16QAM

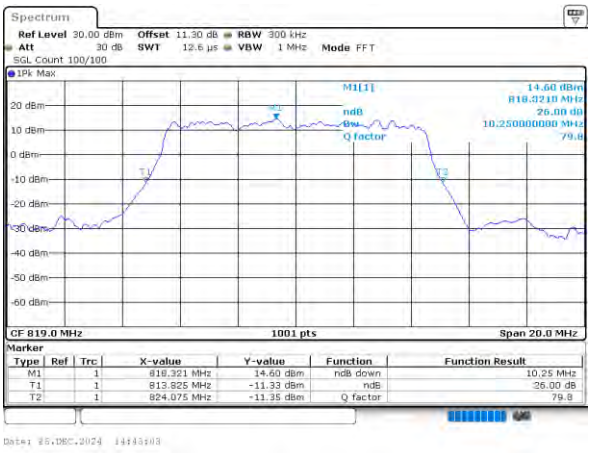


LTE Band 26

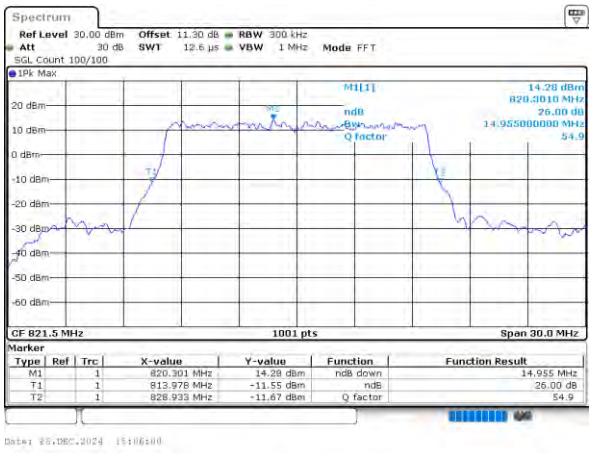
Middle Channel / 10MHz / QPSK



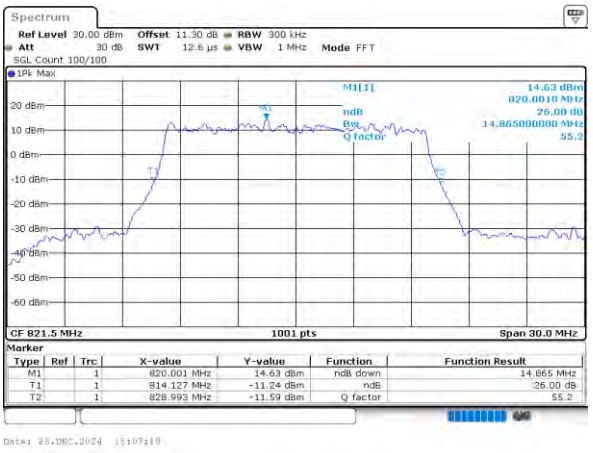
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK

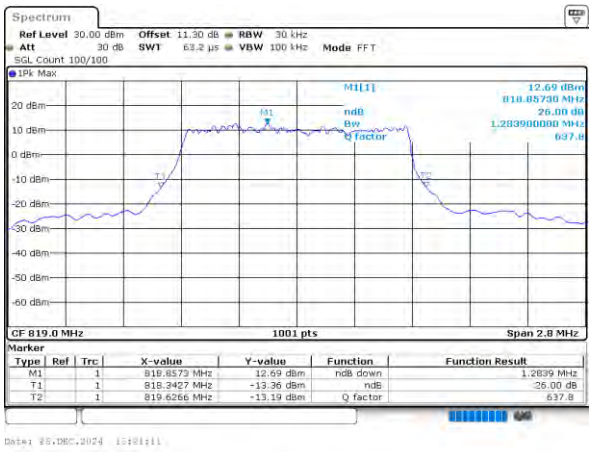


Low Channel / 15MHz / 16QAM

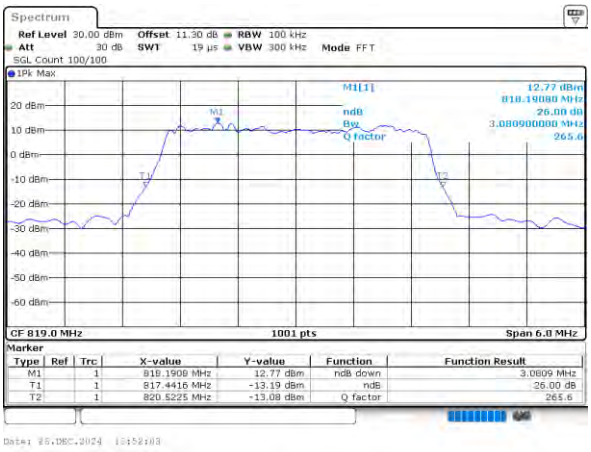


LTE Band 26

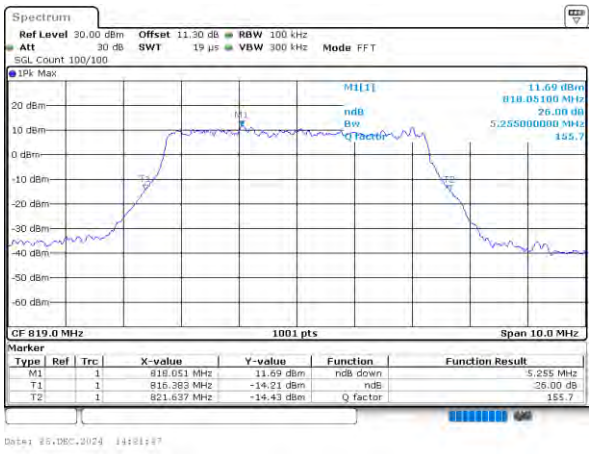
Middle Channel / 1.4MHz / 64QAM



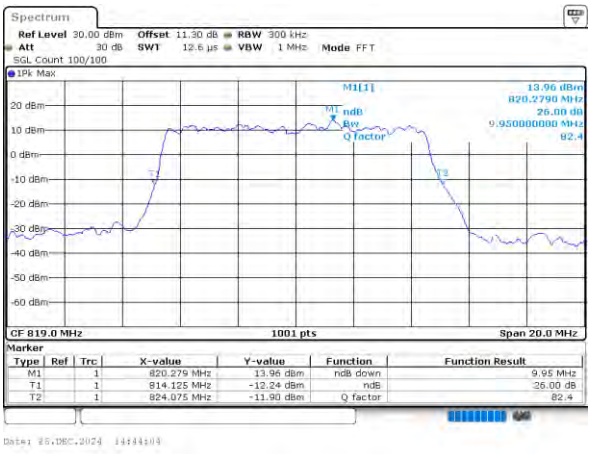
Middle Channel / 3MHz / 64QAM



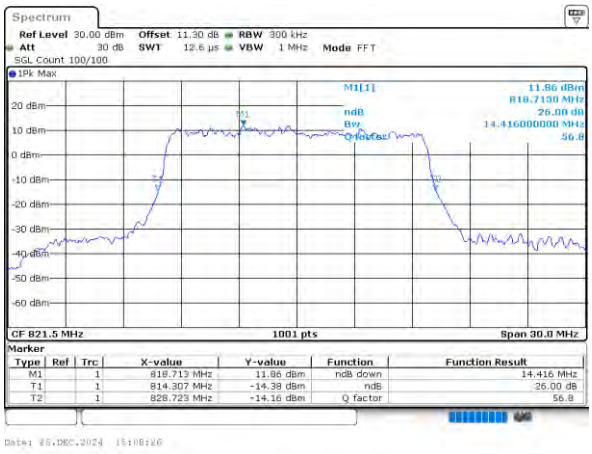
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

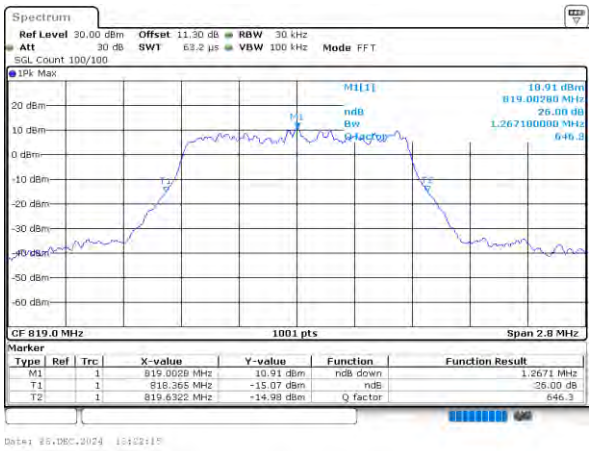


Low Channel / 15MHz / 64QAM

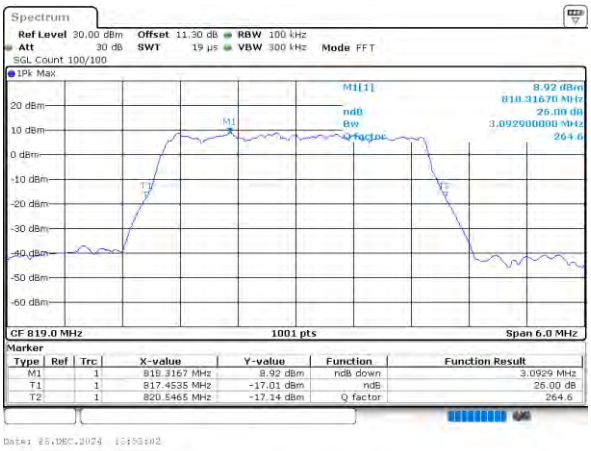


LTE Band 26

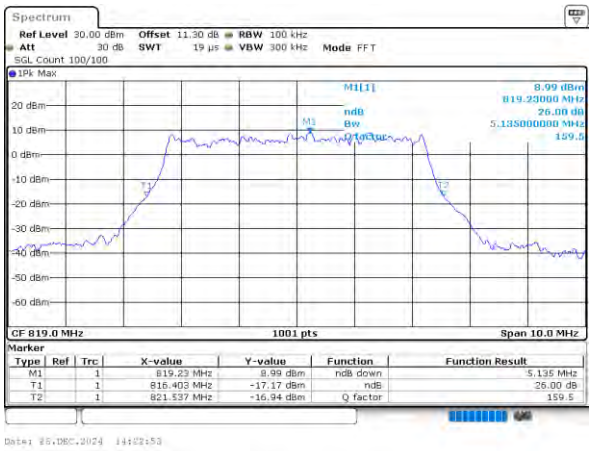
Middle Channel / 1.4MHz / 256QAM



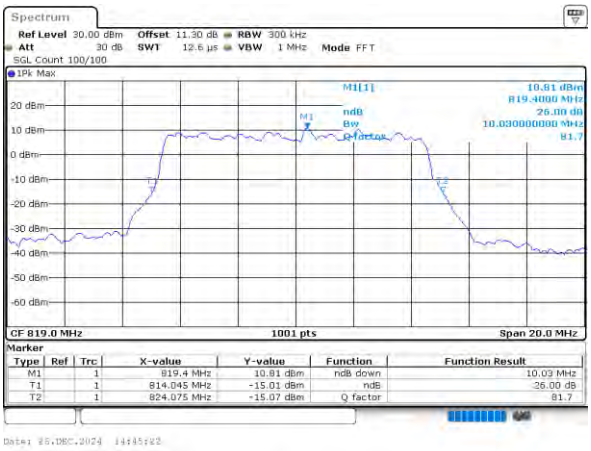
Middle Channel / 3MHz / 256QAM



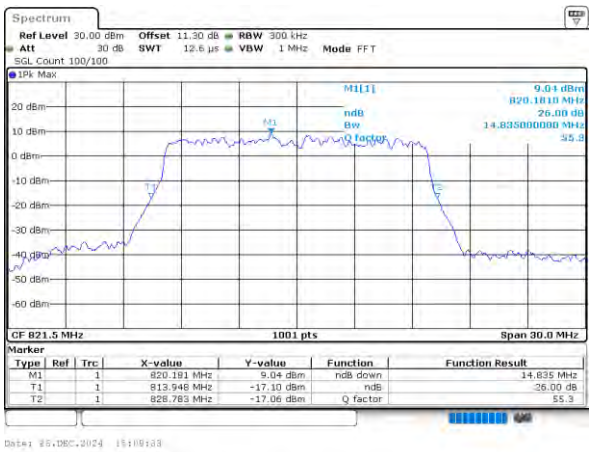
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Low Channel / 15MHz / 256QAM

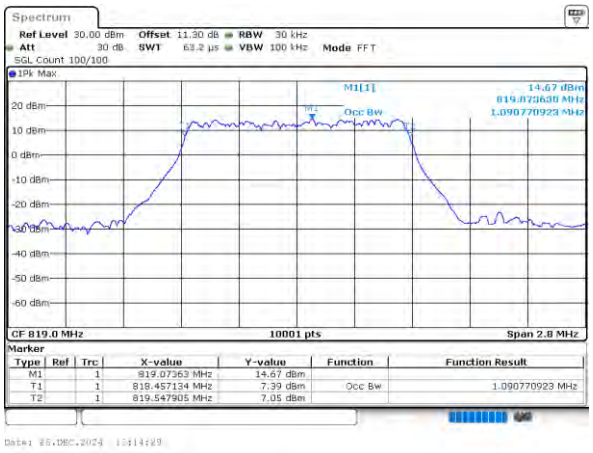


Occupied Bandwidth

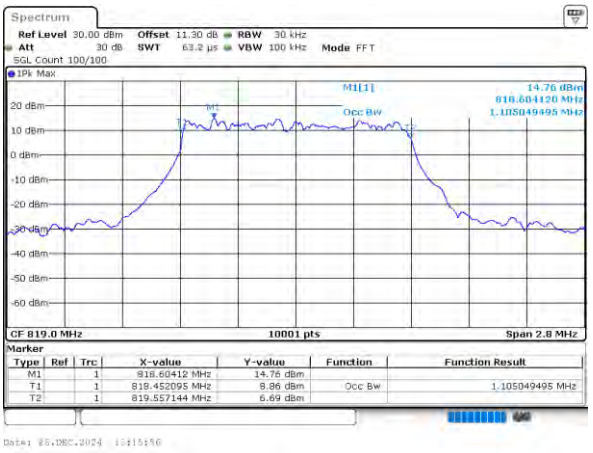
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	13.47	13.45	-	-
Middle CH	1.09	1.10	2.71	2.72	4.50	4.52	9.10	8.98	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Low CH	-	-	-	-	-	-	-	-	13.46	13.40	-	-
Middle CH	1.09	1.09	2.72	2.73	4.52	4.50	9.02	8.99	-	-	-	-

LTE Band 26

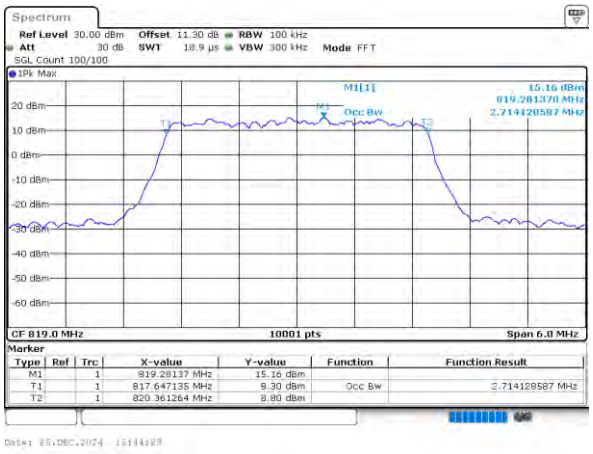
Middle Channel / 1.4MHz / QPSK



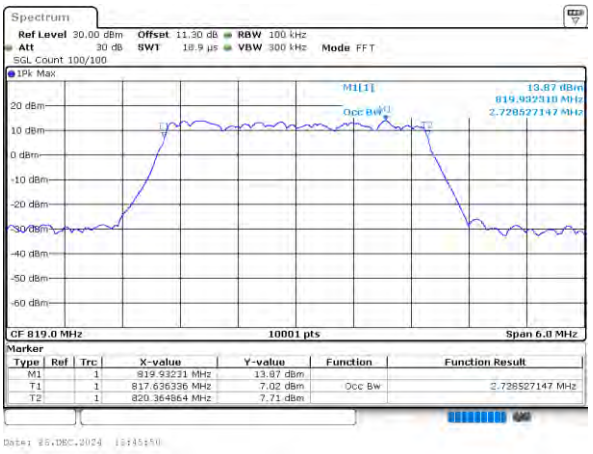
Middle Channel / 1.4MHz / 16QAM



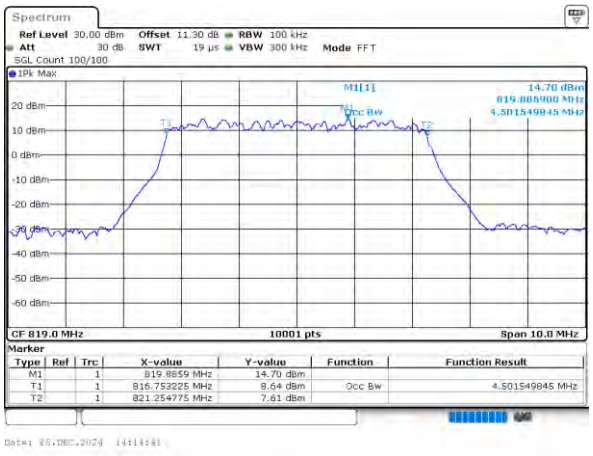
Middle Channel / 3MHz / QPSK



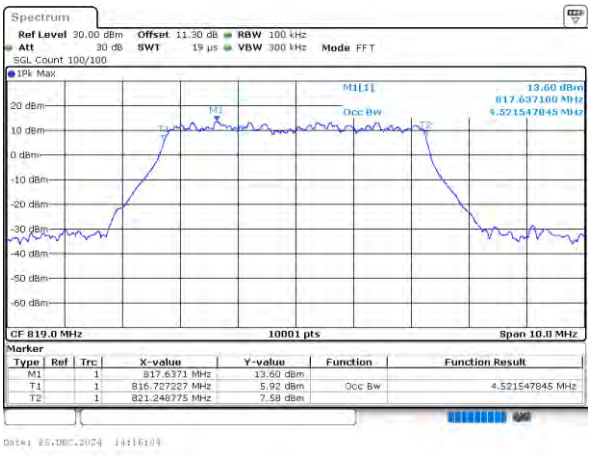
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

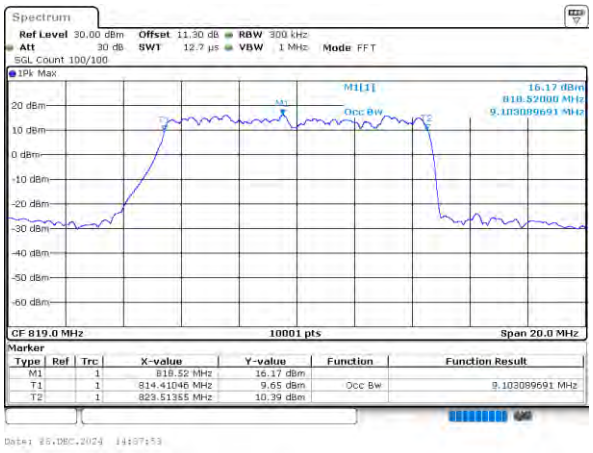


Middle Channel / 5MHz / 16QAM

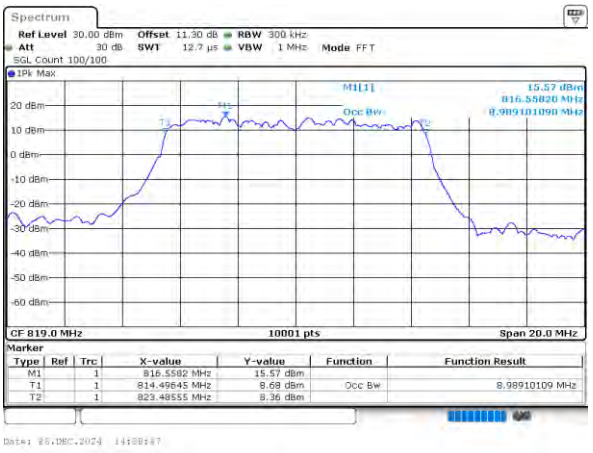


LTE Band 26

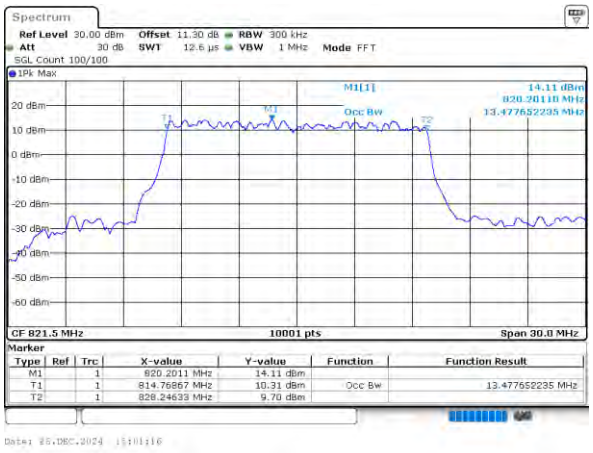
Middle Channel / 10MHz / QPSK



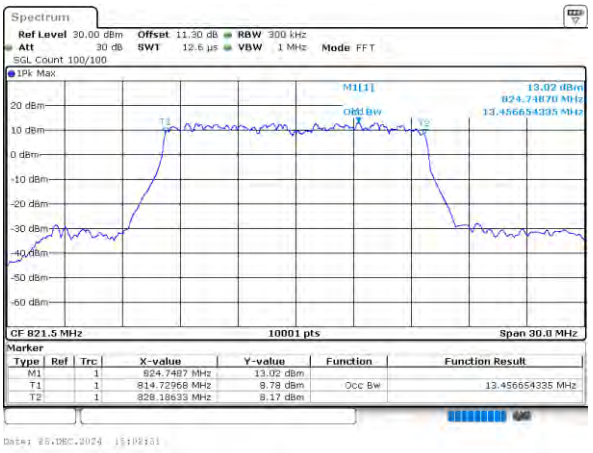
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK

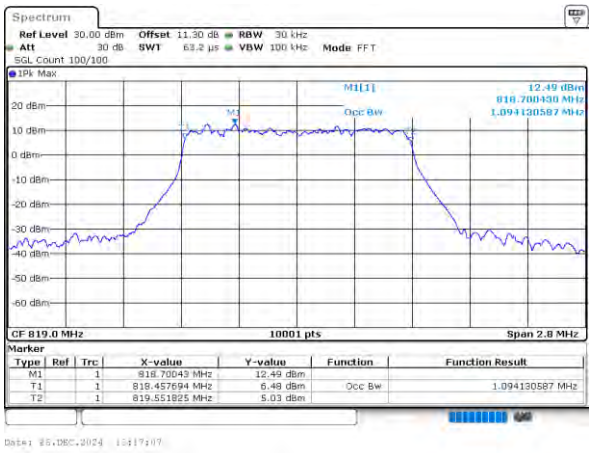


Low Channel / 15MHz / 16QAM

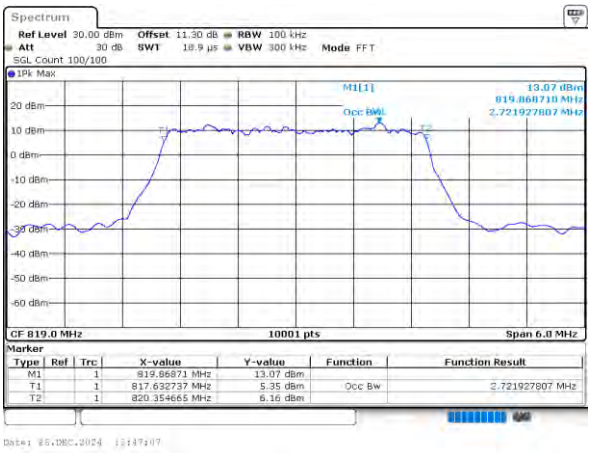


LTE Band 26

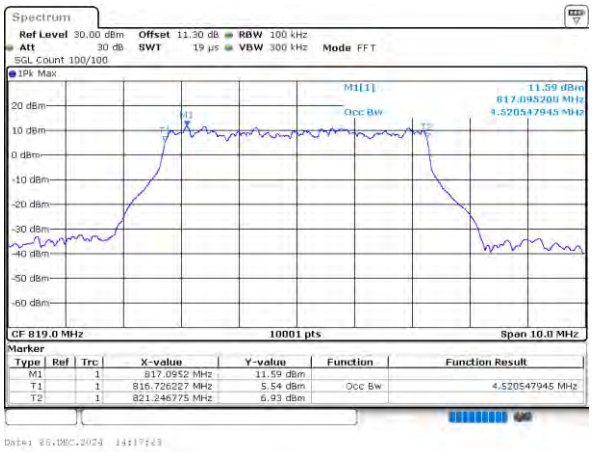
Middle Channel / 1.4MHz / 64QAM



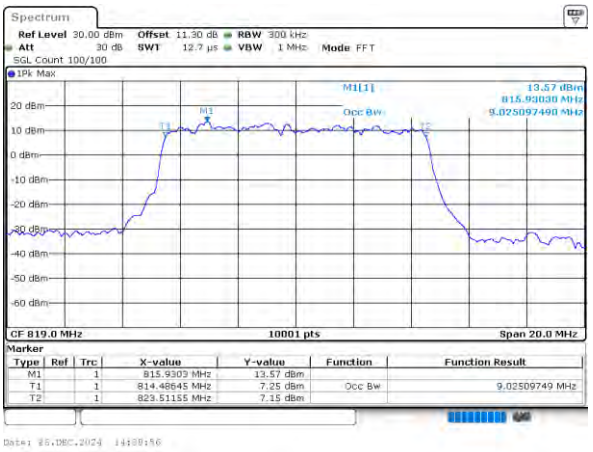
Middle Channel / 3MHz / 64QAM



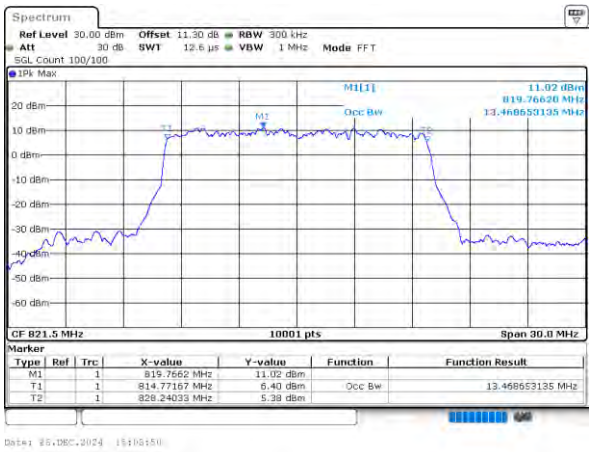
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

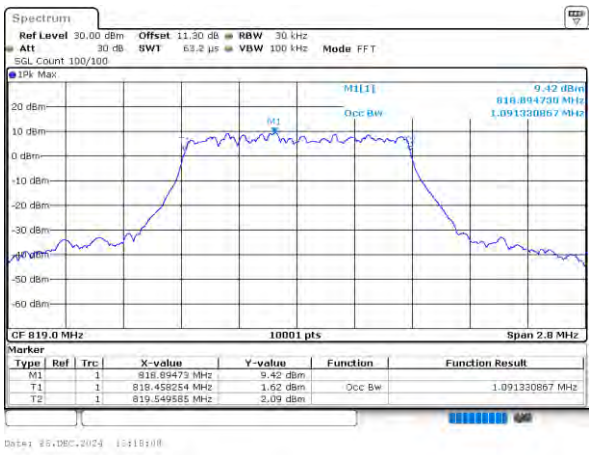


Low Channel / 15MHz / 64QAM

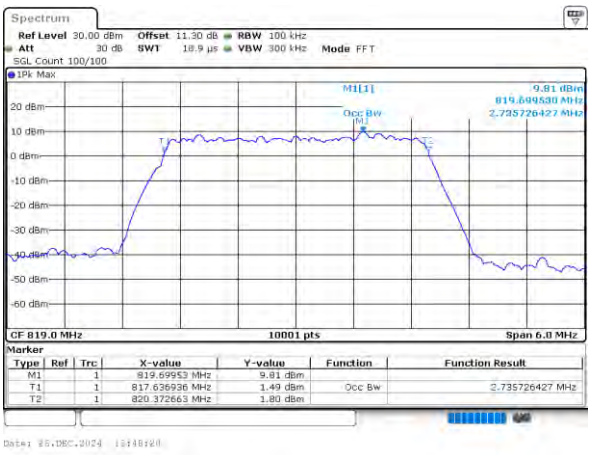


LTE Band 26

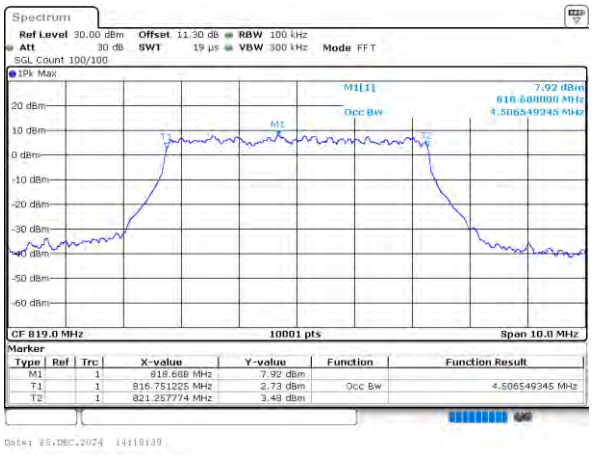
Middle Channel / 1.4MHz / 256QAM



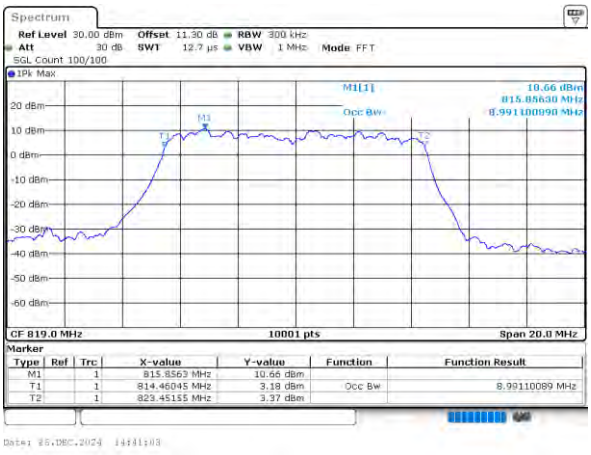
Middle Channel / 3MHz / 256QAM



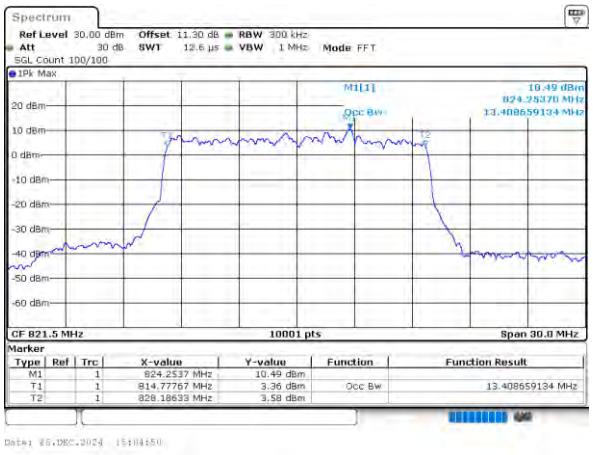
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



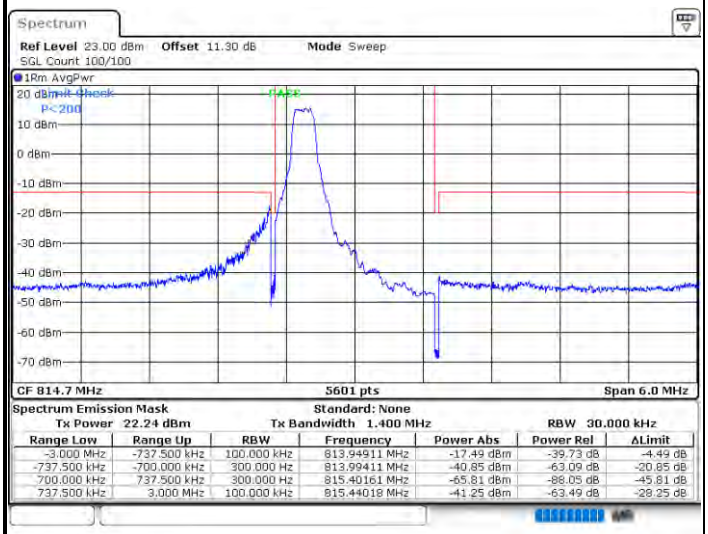
Low Channel / 15MHz / 256QAM



Emission masks – In-band emissions

LTE Band 26 / 1.4MHz / QPSK

Lowest Channel / 1RB

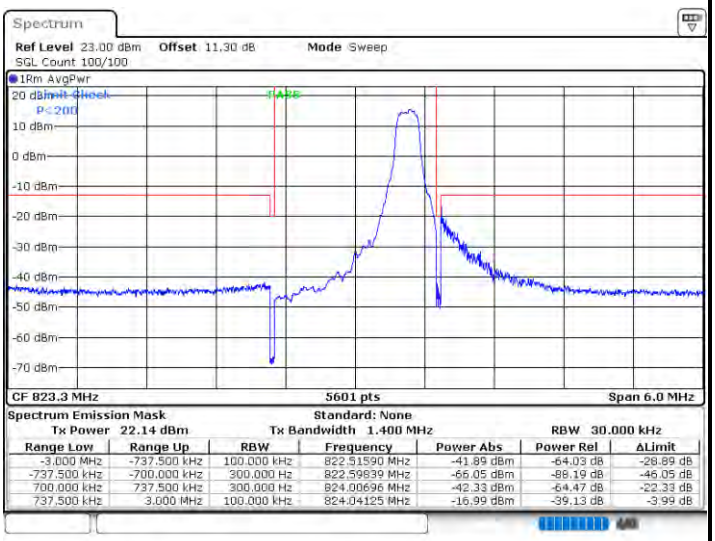


Spectrum Emission Mask Standard: None
Tx Power 22.24 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.94911 MHz	-17.49 dBm	-39.73 dB	-4.49 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99411 MHz	-40.85 dBm	-63.09 dB	-20.85 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40161 MHz	-65.81 dBm	-88.05 dB	-45.81 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.44018 MHz	-41.25 dBm	-63.49 dB	-28.25 dB

Date: 28.DEC.2024 12:44:53

Highest Channel / 1RB

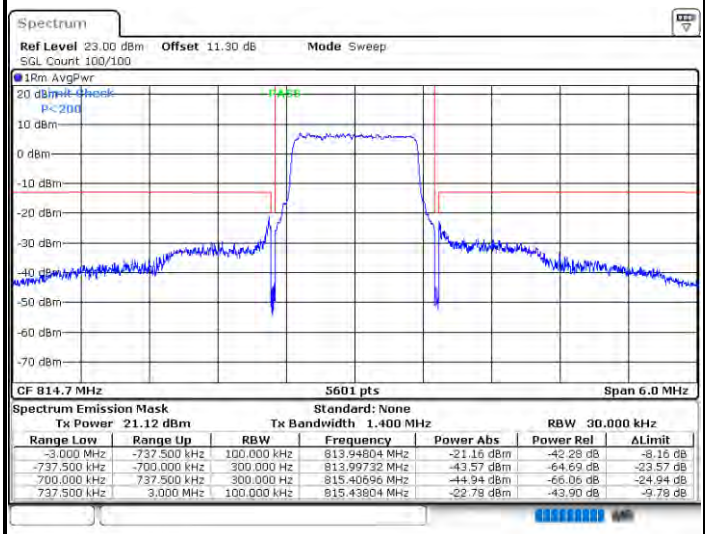


Spectrum Emission Mask Standard: None
Tx Power 22.14 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.51590 MHz	-41.89 dBm	-64.03 dB	-28.89 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59839 MHz	-66.05 dBm	-88.19 dB	-46.05 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-42.33 dBm	-64.47 dB	-22.33 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.04125 MHz	-16.99 dBm	-39.13 dB	-3.99 dB

Date: 28.DEC.2024 13:00:12

Lowest Channel / Full RB

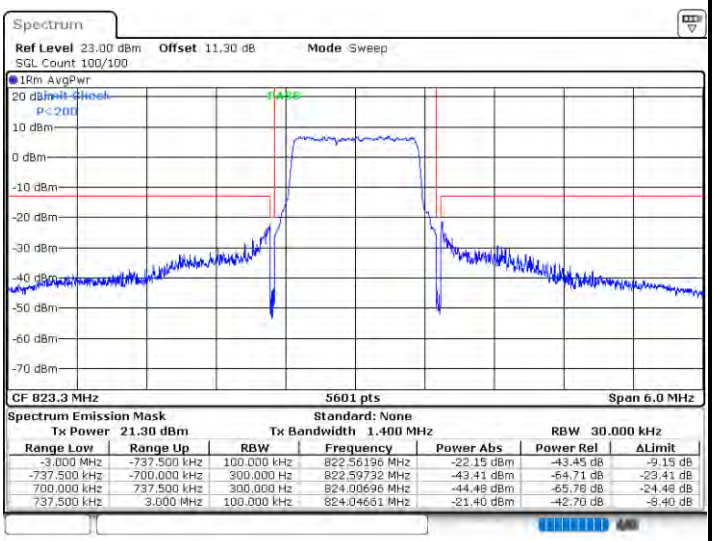


Spectrum Emission Mask Standard: None
Tx Power 21.12 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.94804 MHz	-21.16 dBm	-42.28 dB	-8.16 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99732 MHz	-43.57 dBm	-64.69 dB	-23.57 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40696 MHz	-44.94 dBm	-66.06 dB	-24.94 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.43804 MHz	-22.79 dBm	-43.90 dB	-9.79 dB

Date: 28.DEC.2024 12:52:47

Highest Channel / Full RB



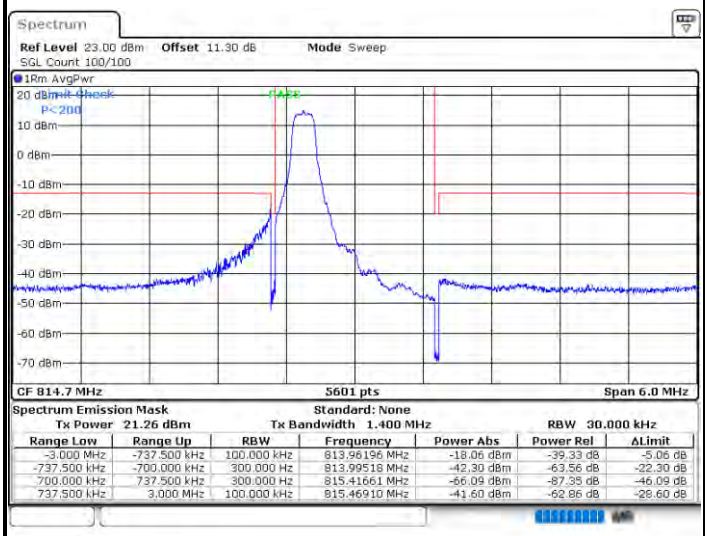
Spectrum Emission Mask Standard: None
Tx Power 21.30 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-22.15 dBm	-43.45 dB	-9.15 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59732 MHz	-43.41 dBm	-64.71 dB	-23.41 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-44.48 dBm	-65.76 dB	-24.48 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.04661 MHz	-21.40 dBm	-42.70 dB	-8.40 dB

Date: 28.DEC.2024 13:07:29

LTE Band 26 / 1.4MHz / 16QAM

Lowest Channel / 1 RB

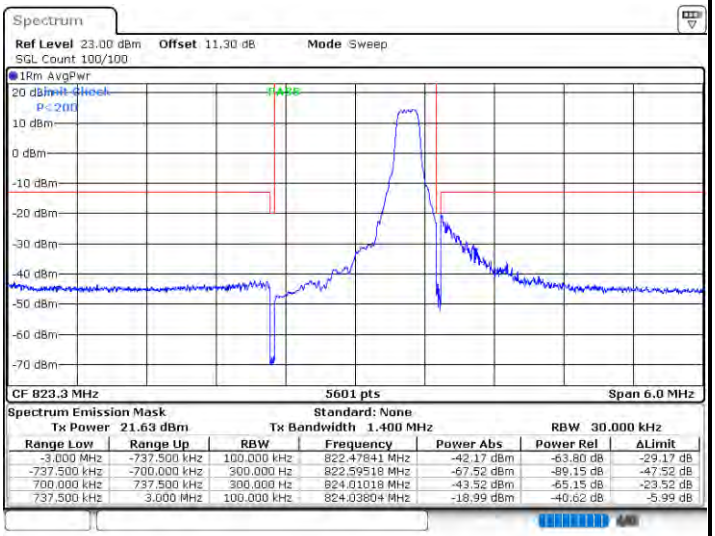


Spectrum Emission Mask Standard: None
Tx Power 21.26 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.96196 MHz	-18.06 dBm	-39.33 dB	-5.06 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99518 MHz	-42.30 dBm	-63.56 dB	-22.30 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.41661 MHz	-66.09 dBm	-87.35 dB	-46.09 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.46910 MHz	-41.60 dBm	-62.86 dB	-26.60 dB

Date: 28.DEC.2024 12:46:48

Highest Channel / 1 RB

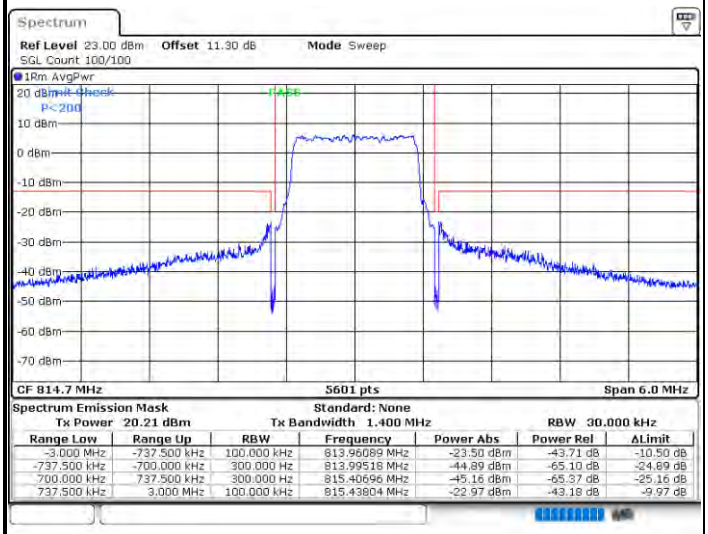


Spectrum Emission Mask Standard: None
Tx Power 21.63 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.47841 MHz	-42.17 dBm	-63.80 dB	-29.17 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59518 MHz	-67.52 dBm	-89.15 dB	-47.52 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.01018 MHz	-43.52 dBm	-65.15 dB	-23.52 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-18.99 dBm	-40.62 dB	-5.99 dB

Date: 28.DEC.2024 13:02:00

Lowest Channel / Full RB

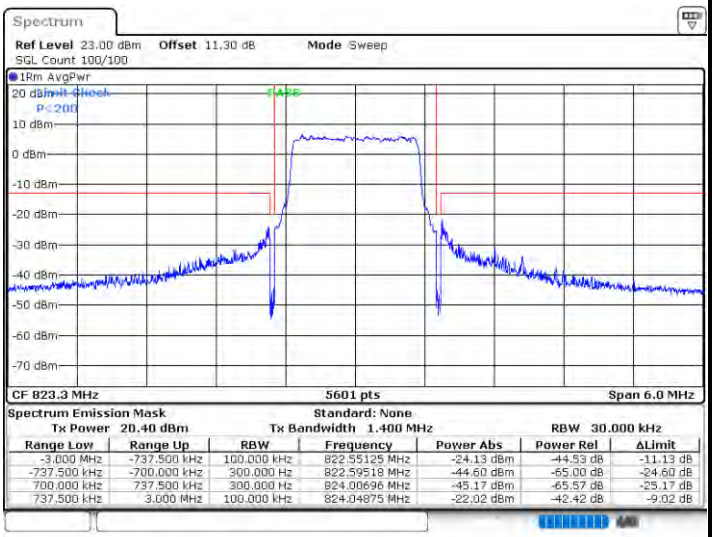


Spectrum Emission Mask Standard: None
Tx Power 20.21 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.96089 MHz	-23.50 dBm	-43.71 dB	-10.50 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99518 MHz	-44.89 dBm	-65.10 dB	-24.89 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40696 MHz	-45.16 dBm	-65.37 dB	-25.16 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.43804 MHz	-22.97 dBm	-43.18 dB	-9.97 dB

Date: 28.DEC.2024 12:54:32

Highest Channel / Full RB



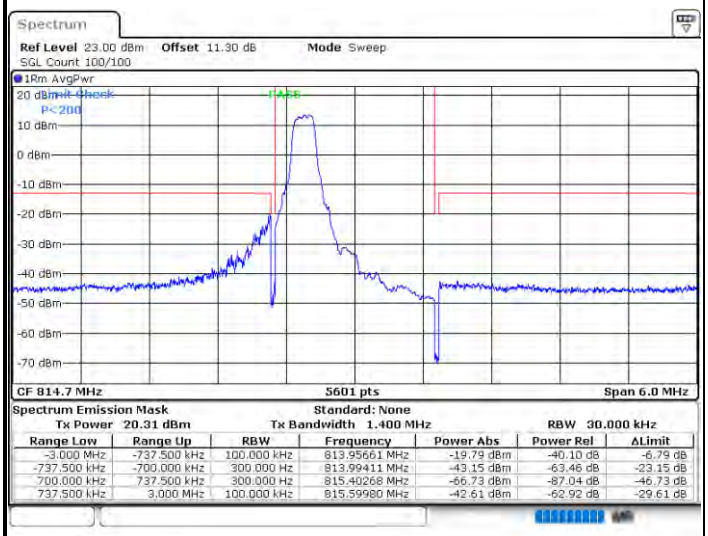
Spectrum Emission Mask Standard: None
Tx Power 20.40 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.55125 MHz	-24.13 dBm	-44.53 dB	-11.13 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59518 MHz	-44.60 dBm	-65.00 dB	-24.60 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-45.17 dBm	-65.57 dB	-25.17 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.04875 MHz	-22.02 dBm	-42.42 dB	-9.02 dB

Date: 28.DEC.2024 13:09:25

LTE Band 26 / 1.4MHz / 64QAM

Lowest Channel / 1 RB

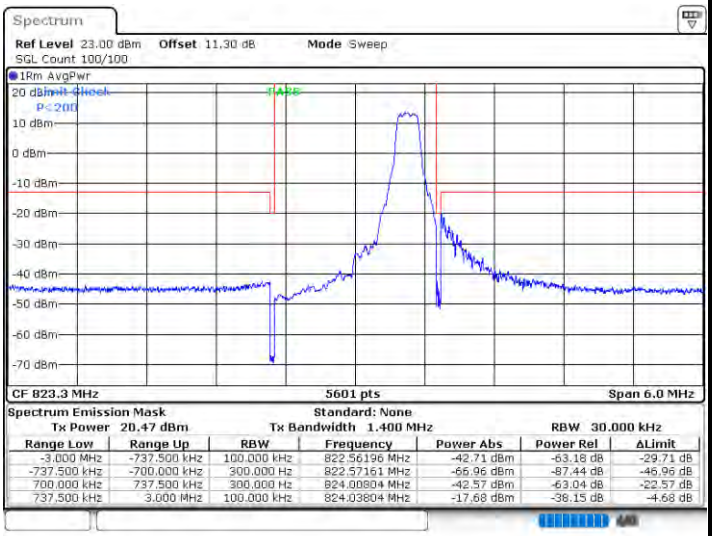


Spectrum Emission Mask Standard: None
Tx Power 20.31 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95661 MHz	-19.79 dBm	-40.10 dB	-6.79 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99411 MHz	-43.15 dBm	-63.46 dB	-23.15 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40268 MHz	-66.73 dBm	-87.04 dB	-46.73 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.59980 MHz	-42.61 dBm	-62.92 dB	-29.61 dB

Date: 28.DEC.2024 12:48:47

Highest Channel / 1 RB

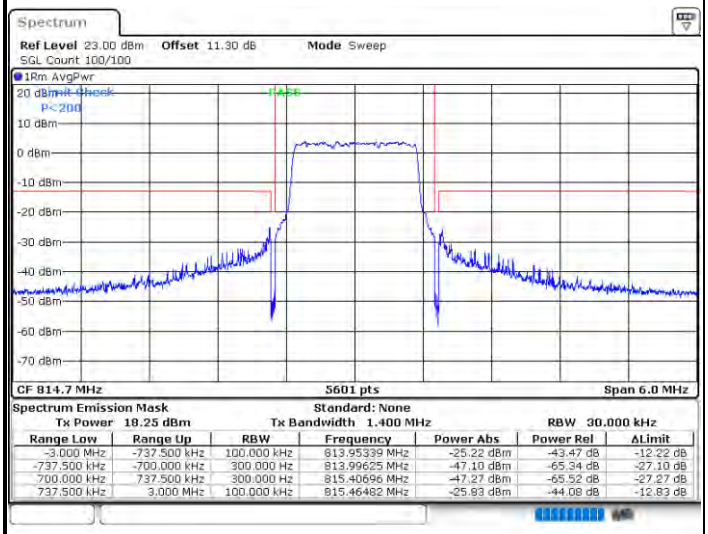


Spectrum Emission Mask Standard: None
Tx Power 20.47 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-42.71 dBm	-63.18 dB	-29.71 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.57161 MHz	-66.96 dBm	-87.44 dB	-46.96 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00804 MHz	-42.57 dBm	-63.04 dB	-22.57 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-17.68 dBm	-38.15 dB	-4.68 dB

Date: 28.DEC.2024 13:03:49

Lowest Channel / Full RB

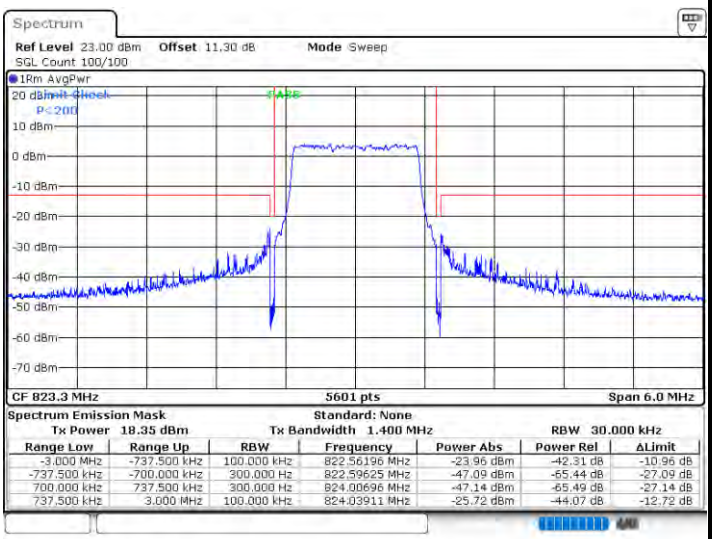


Spectrum Emission Mask Standard: None
Tx Power 18.25 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95339 MHz	-25.22 dBm	-43.47 dB	-12.22 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99625 MHz	-47.10 dBm	-65.34 dB	-27.10 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40696 MHz	-47.27 dBm	-65.52 dB	-27.27 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.46482 MHz	-25.83 dBm	-44.08 dB	-12.83 dB

Date: 28.DEC.2024 12:56:18

Highest Channel / Full RB



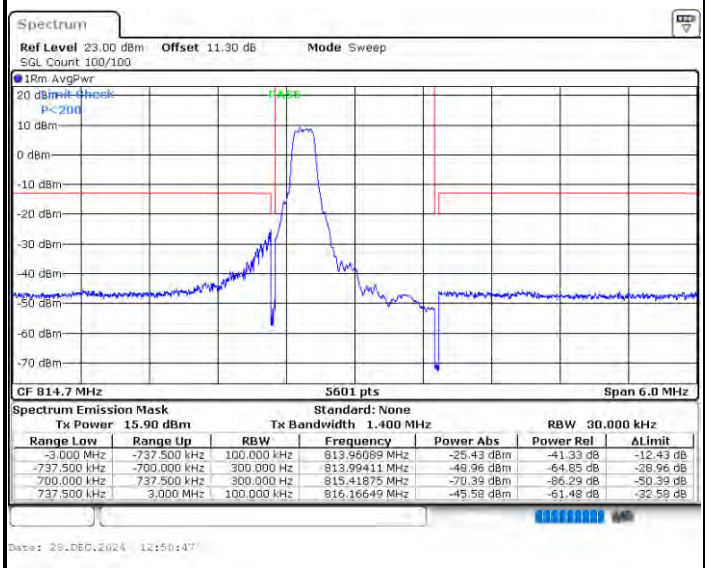
Spectrum Emission Mask Standard: None
Tx Power 18.35 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-23.96 dBm	-42.31 dB	-10.96 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59625 MHz	-47.09 dBm	-65.44 dB	-27.09 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-47.14 dBm	-65.49 dB	-27.14 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03911 MHz	-25.72 dBm	-44.07 dB	-12.72 dB

Date: 28.DEC.2024 13:11:27

LTE Band 26 / 1.4MHz / 256QAM

Lowest Channel / 1 RB

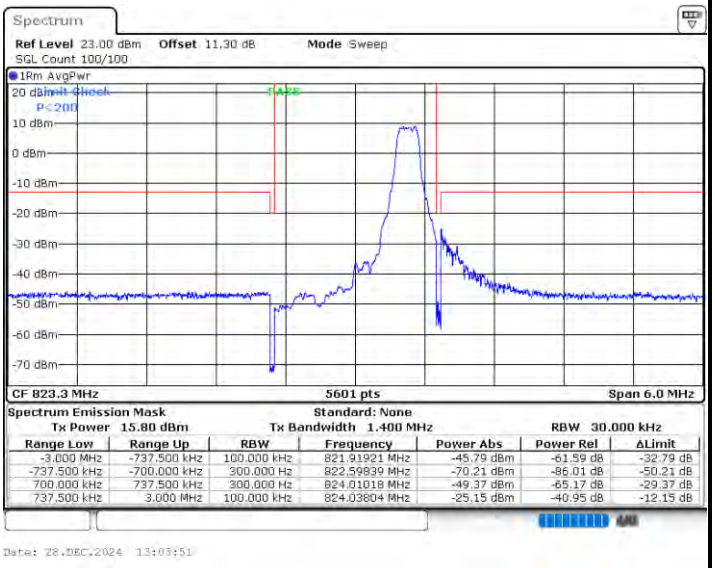


Spectrum Emission Mask Standard: None
Tx Power 15.90 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.96089 MHz	-25.43 dBm	-41.33 dB	-12.43 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99411 MHz	-48.96 dBm	-64.85 dB	-28.96 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.41875 MHz	-70.39 dBm	-86.29 dB	-50.39 dB
737.500 kHz	3.000 MHz	100.000 kHz	816.16649 MHz	-45.58 dBm	-61.48 dB	-32.58 dB

Date: 28.DEC.2024 12:50:47

Highest Channel / 1 RB

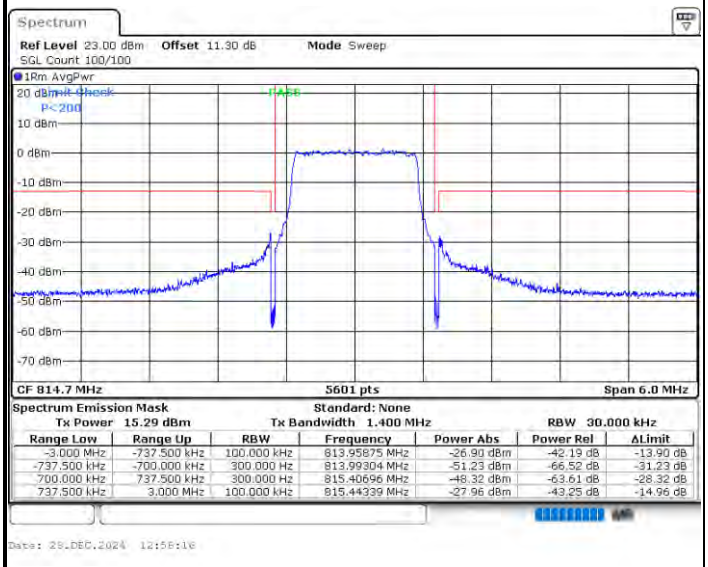


Spectrum Emission Mask Standard: None
Tx Power 15.80 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	821.91921 MHz	-45.79 dBm	-61.59 dB	-32.79 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59839 MHz	-70.21 dBm	-86.01 dB	-50.21 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.01018 MHz	-49.37 dBm	-65.17 dB	-29.37 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-25.15 dBm	-40.95 dB	-12.15 dB

Date: 28.DEC.2024 13:03:51

Lowest Channel / Full RB

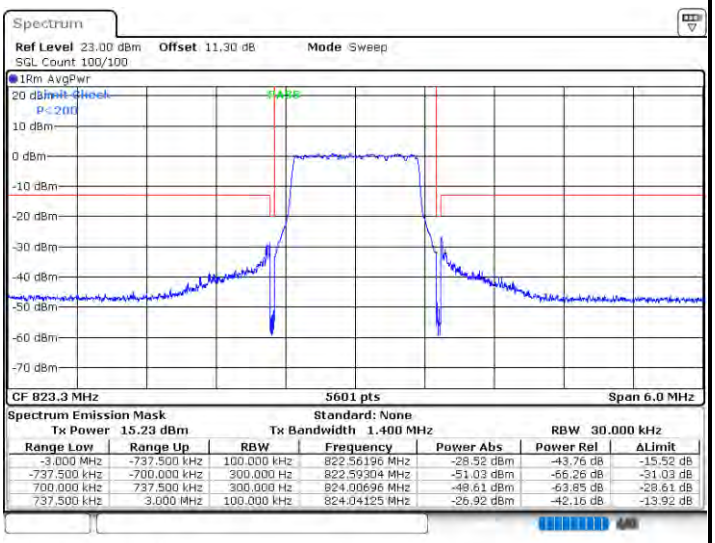


Spectrum Emission Mask Standard: None
Tx Power 15.29 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95875 MHz	-26.90 dBm	-42.19 dB	-13.90 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99304 MHz	-51.23 dBm	-66.52 dB	-31.23 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40696 MHz	-48.32 dBm	-63.61 dB	-28.32 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.44339 MHz	-27.96 dBm	-43.25 dB	-14.96 dB

Date: 28.DEC.2024 12:56:16

Highest Channel / Full RB



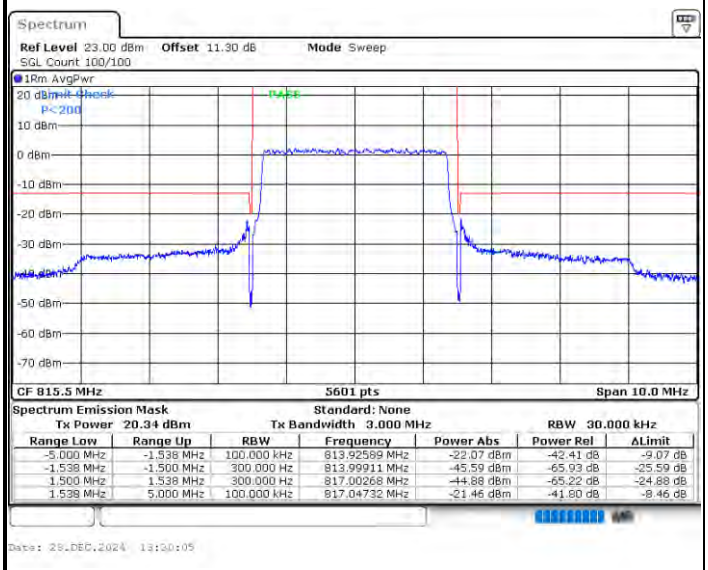
Spectrum Emission Mask Standard: None
Tx Power 15.23 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-28.52 dBm	-43.76 dB	-15.52 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59304 MHz	-51.03 dBm	-66.26 dB	-31.03 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-48.61 dBm	-63.85 dB	-28.61 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.04125 MHz	-26.92 dBm	-42.16 dB	-13.92 dB

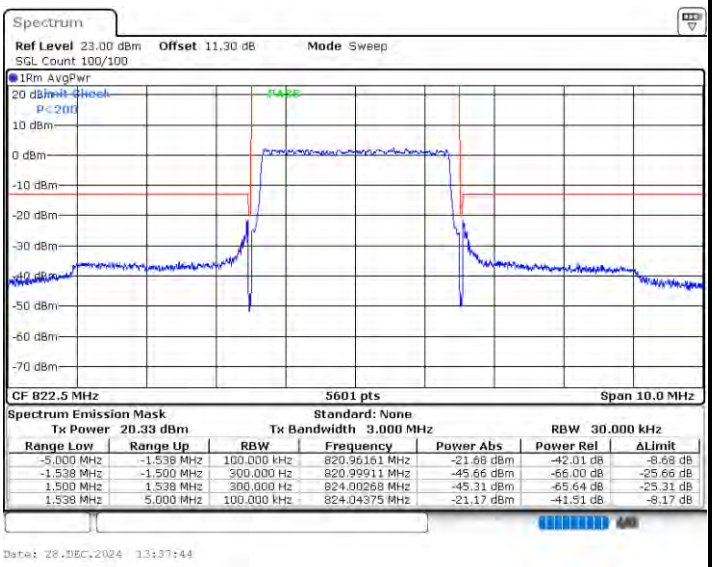
Date: 28.DEC.2024 13:13:17

LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

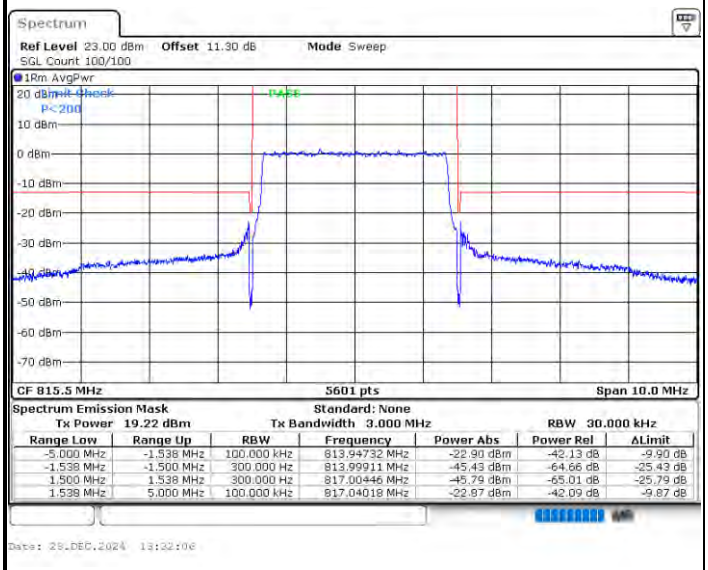


Highest Channel / Full RB

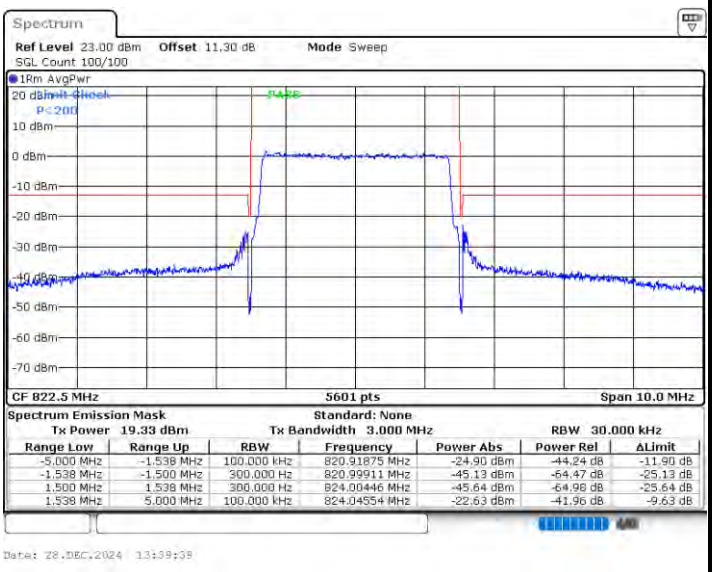


LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB

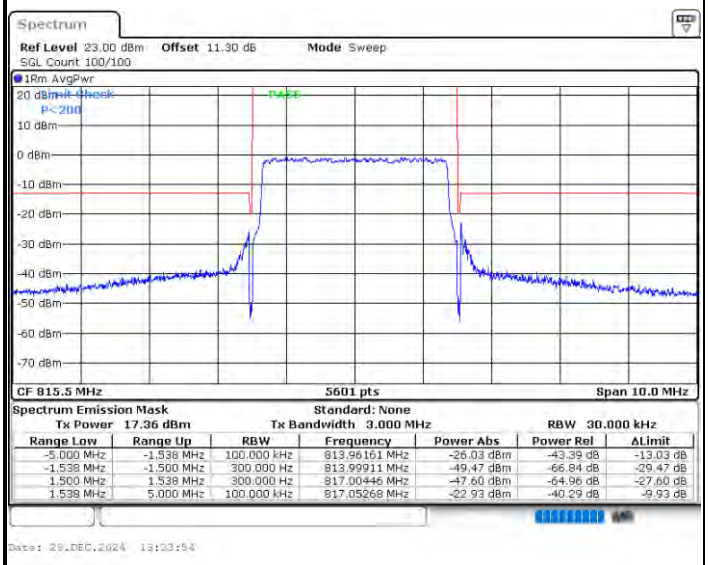


Highest Channel / Full RB



LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

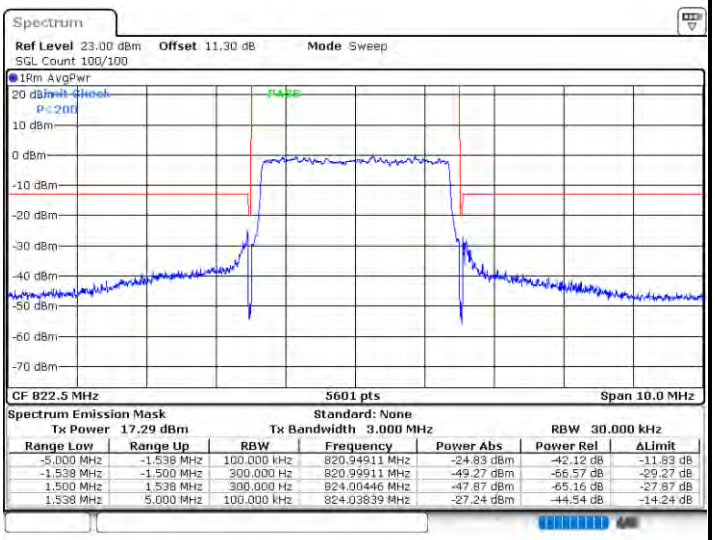


Spectrum Emission Mask Standard: None
Tx Power 17.36 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.96161 MHz	-26.03 dBm	-43.39 dB	-13.03 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99911 MHz	-49.47 dBm	-66.84 dB	-29.47 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.00446 MHz	-47.60 dBm	-64.96 dB	-27.60 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.05268 MHz	-22.93 dBm	-40.29 dB	-9.93 dB

Date: 28.DEC.2024 13:33:54

Highest Channel / Full RB



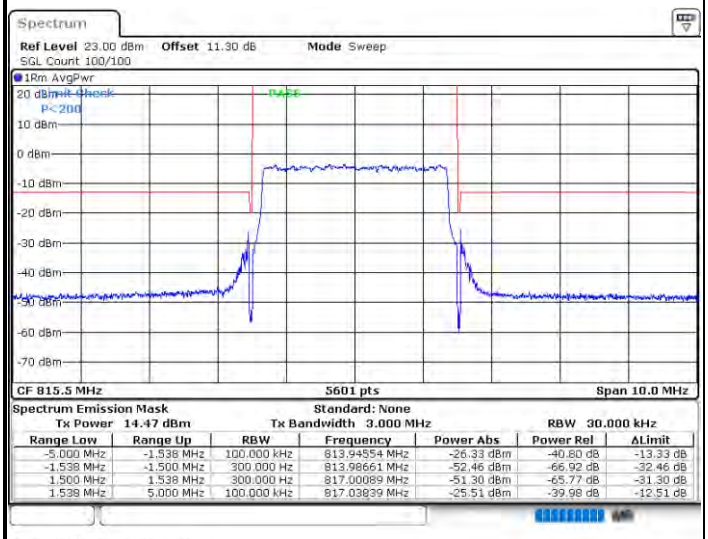
Spectrum Emission Mask Standard: None
Tx Power 17.29 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.94911 MHz	-24.83 dBm	-42.12 dB	-11.83 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99911 MHz	-49.27 dBm	-66.57 dB	-29.27 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00446 MHz	-47.87 dBm	-65.16 dB	-27.87 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.03839 MHz	-27.24 dBm	-44.54 dB	-14.24 dB

Date: 28.DEC.2024 13:41:26

LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB

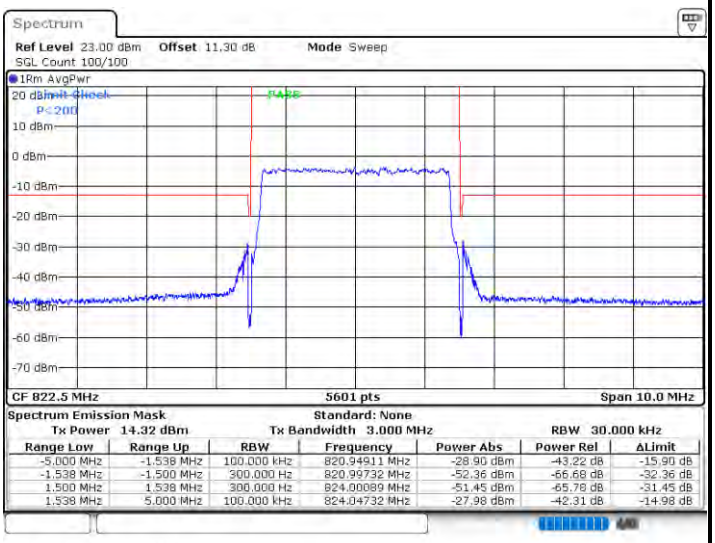


Spectrum Emission Mask Standard: None
Tx Power 14.47 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.94554 MHz	-26.33 dBm	-40.80 dB	-13.33 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.98661 MHz	-52.46 dBm	-66.92 dB	-32.46 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.00089 MHz	-51.30 dBm	-65.77 dB	-31.30 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.03839 MHz	-25.51 dBm	-39.98 dB	-12.51 dB

Date: 28.DEC.2024 13:35:41

Highest Channel / Full RB



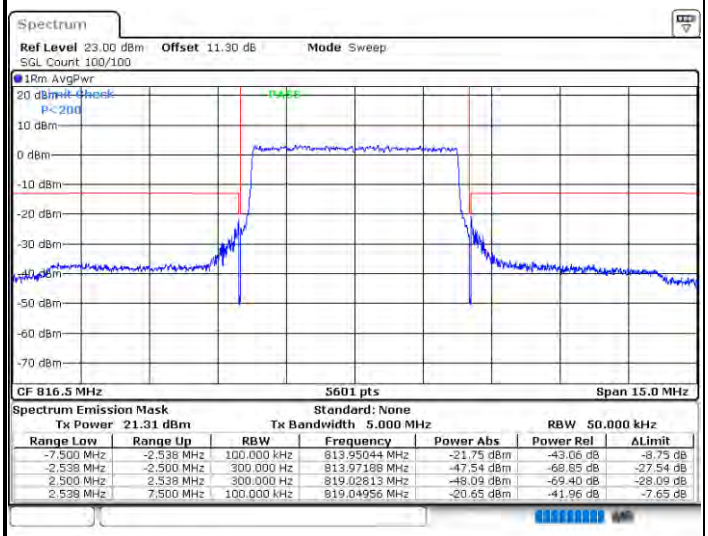
Spectrum Emission Mask Standard: None
Tx Power 14.32 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.94911 MHz	-28.90 dBm	-43.22 dB	-15.90 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99732 MHz	-52.36 dBm	-66.68 dB	-32.36 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00089 MHz	-51.45 dBm	-65.78 dB	-31.45 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.04732 MHz	-27.98 dBm	-42.31 dB	-14.98 dB

Date: 28.DEC.2024 13:43:21

LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

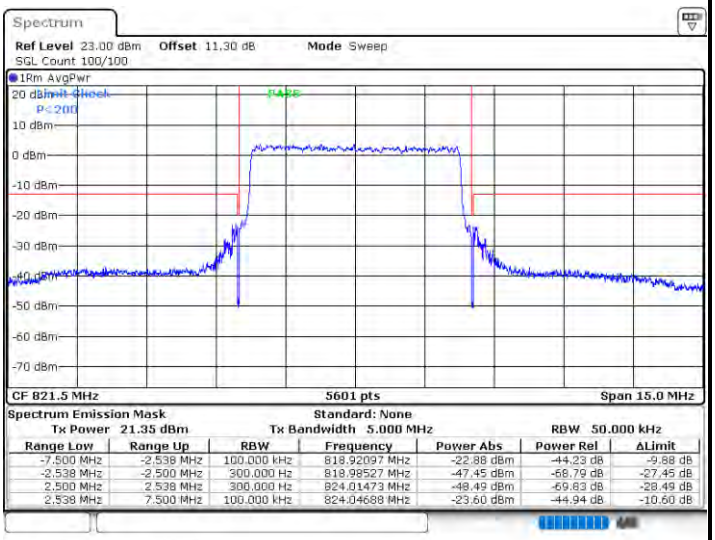


Spectrum Emission Mask Standard: None
Tx Power 21.31 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95044 MHz	-21.75 dBm	-43.06 dB	-8.75 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.97188 MHz	-47.54 dBm	-68.85 dB	-27.54 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.02813 MHz	-48.09 dBm	-69.40 dB	-28.09 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.04956 MHz	-20.65 dBm	-41.96 dB	-7.65 dB

Date: 28.DEC.2024 14:00:26

Highest Channel / Full RB



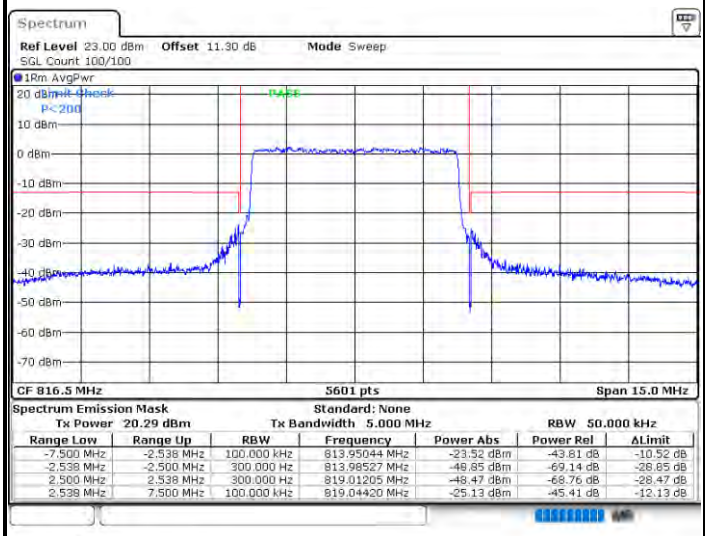
Spectrum Emission Mask Standard: None
Tx Power 21.35 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.92097 MHz	-22.88 dBm	-44.23 dB	-9.88 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.98527 MHz	-47.45 dBm	-68.79 dB	-27.45 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01473 MHz	-48.49 dBm	-69.83 dB	-28.49 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.04688 MHz	-23.60 dBm	-44.94 dB	-10.60 dB

Date: 28.DEC.2024 14:09:05

LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB

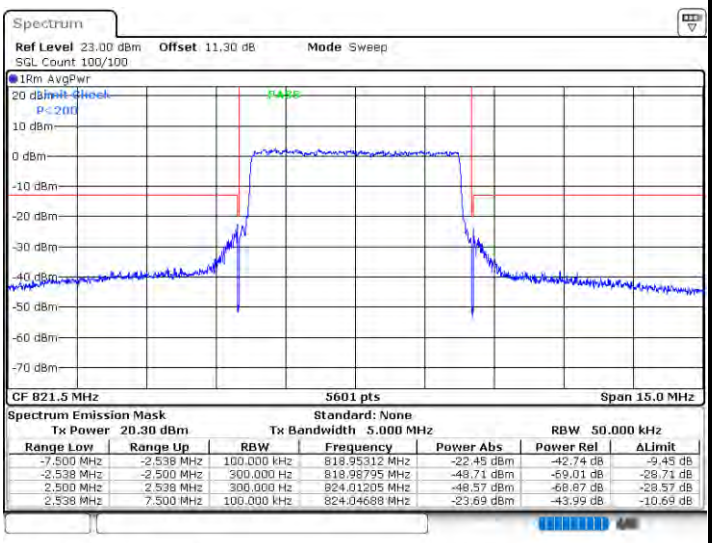


Spectrum Emission Mask Standard: None
Tx Power 20.29 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95044 MHz	-23.52 dBm	-43.81 dB	-10.52 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.98527 MHz	-48.85 dBm	-69.14 dB	-28.85 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01205 MHz	-48.47 dBm	-68.76 dB	-28.47 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.04420 MHz	-25.13 dBm	-45.41 dB	-12.13 dB

Date: 28.DEC.2024 14:02:29

Highest Channel / Full RB



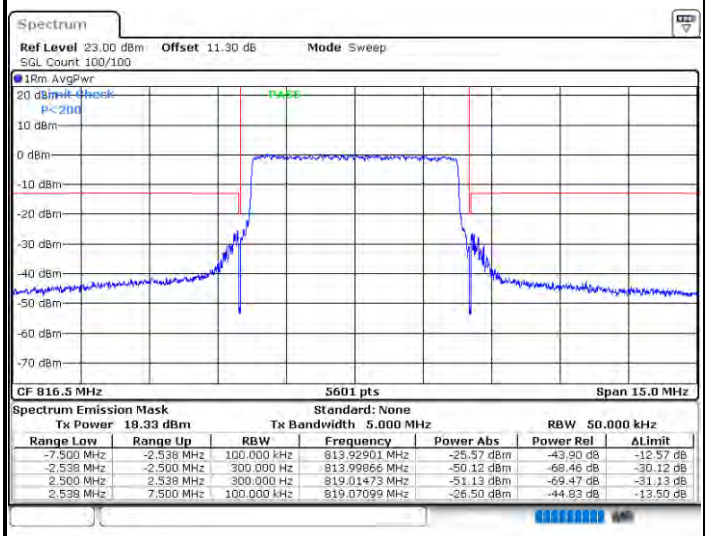
Spectrum Emission Mask Standard: None
Tx Power 20.30 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.95312 MHz	-22.45 dBm	-42.74 dB	-9.45 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.98795 MHz	-48.71 dBm	-69.01 dB	-28.71 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01205 MHz	-48.57 dBm	-68.87 dB	-28.57 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.04688 MHz	-23.69 dBm	-43.99 dB	-10.69 dB

Date: 28.DEC.2024 14:10:09

LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

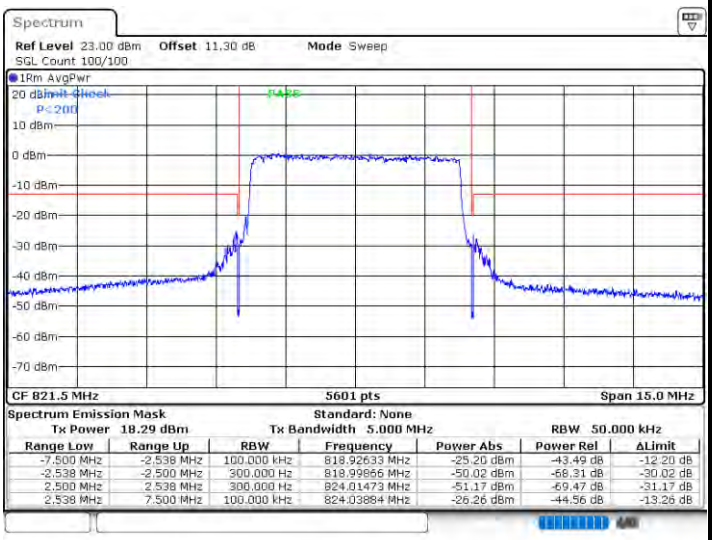


Spectrum Emission Mask Standard: None
Tx Power 18.33 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.92901 MHz	-25.57 dBm	-43.90 dB	-12.57 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-50.12 dBm	-68.46 dB	-30.12 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01473 MHz	-51.13 dBm	-69.47 dB	-31.13 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.07099 MHz	-26.50 dBm	-44.83 dB	-13.50 dB

Date: 28.DEC.2024 14:04:18

Highest Channel / Full RB



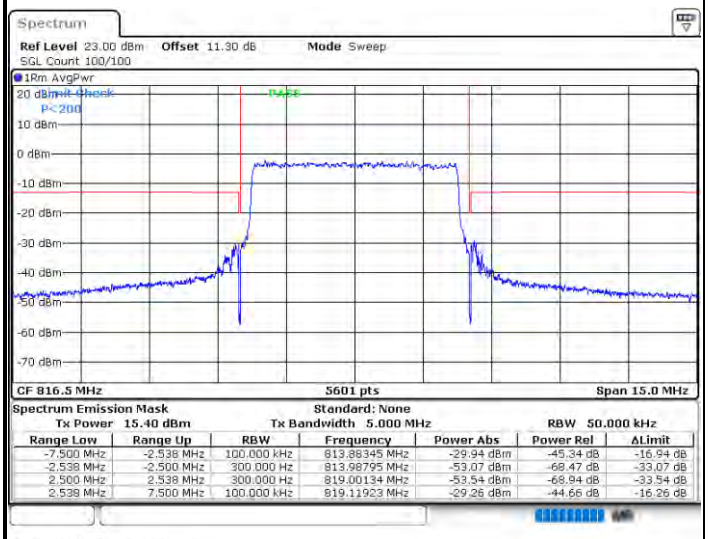
Spectrum Emission Mask Standard: None
Tx Power 18.29 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.92633 MHz	-25.20 dBm	-43.49 dB	-12.20 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-50.02 dBm	-68.31 dB	-30.02 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01473 MHz	-51.17 dBm	-69.47 dB	-31.17 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.03884 MHz	-26.26 dBm	-44.56 dB	-13.26 dB

Date: 28.DEC.2024 14:11:50

LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB

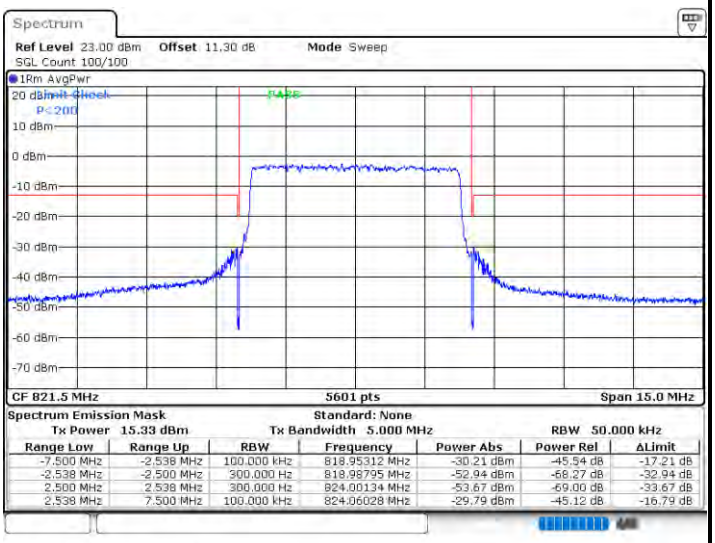


Spectrum Emission Mask Standard: None
Tx Power 15.40 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.88345 MHz	-29.94 dBm	-45.34 dB	-16.94 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.98795 MHz	-53.07 dBm	-68.47 dB	-33.07 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.00134 MHz	-53.54 dBm	-68.94 dB	-33.54 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.11923 MHz	-29.26 dBm	-44.66 dB	-16.26 dB

Date: 28.DEC.2024 14:06:21

Highest Channel / Full RB



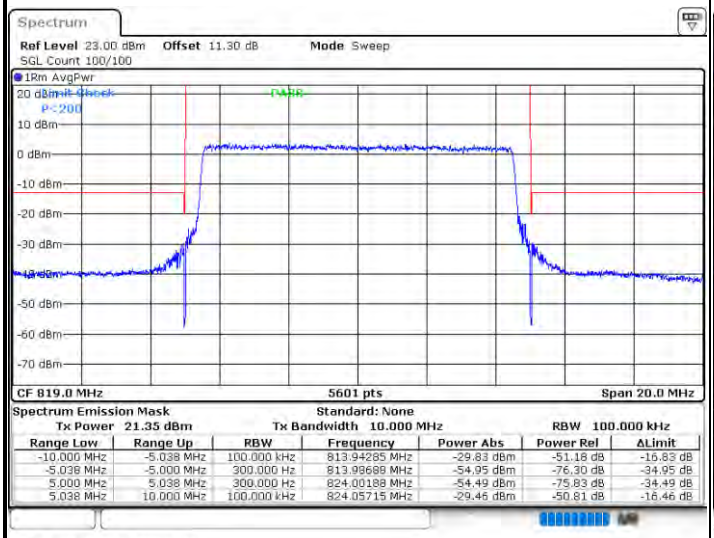
Spectrum Emission Mask Standard: None
Tx Power 15.33 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.95312 MHz	-30.21 dBm	-45.54 dB	-17.21 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.98795 MHz	-52.94 dBm	-68.27 dB	-32.94 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-53.67 dBm	-69.00 dB	-33.67 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.06028 MHz	-29.79 dBm	-45.12 dB	-16.79 dB

Date: 28.DEC.2024 14:13:45

LTE Band 26 / 10MHz / QPSK

Lowest Channel / Full RB



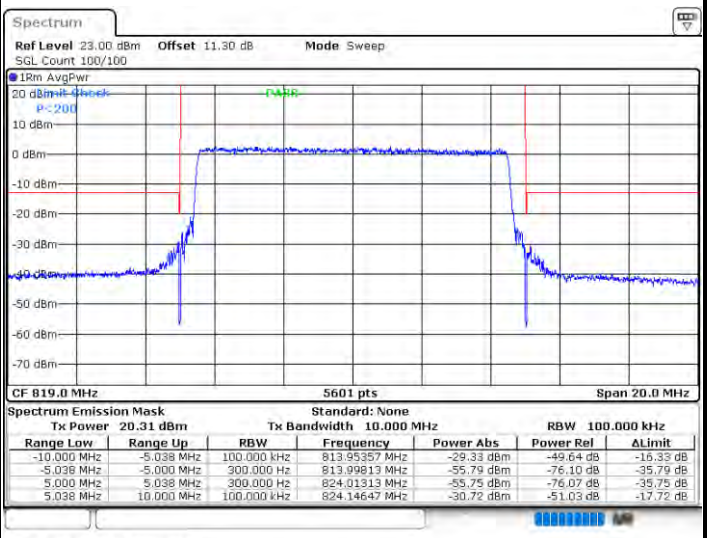
Spectrum Emission Mask Standard: None
Tx Power 21.35 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.94285 MHz	-29.83 dBm	-51.18 dB	-16.83 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99688 MHz	-54.95 dBm	-76.30 dB	-34.95 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-54.49 dBm	-75.83 dB	-34.49 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.05715 MHz	-29.46 dBm	-50.81 dB	-16.46 dB

Date: 28.DEC.2024 14:31:17

LTE Band 26 / 10MHz / 16QAM

Lowest Channel / Full RB



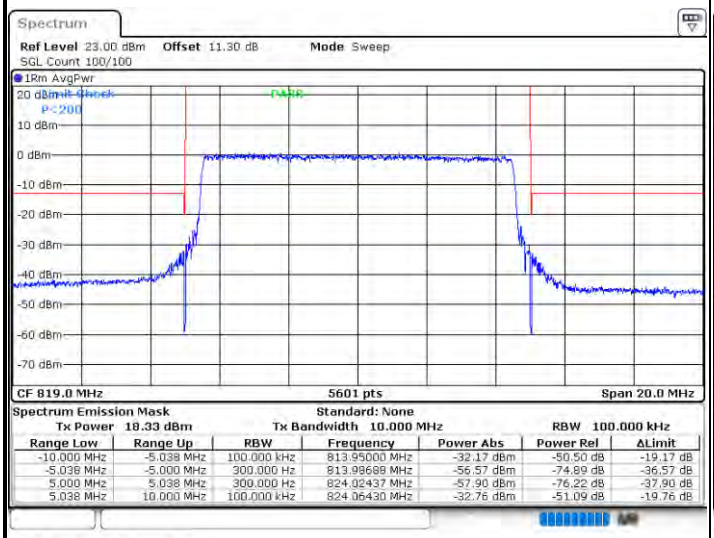
Spectrum Emission Mask Standard: None
Tx Power 20.31 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95357 MHz	-29.33 dBm	-49.64 dB	-16.33 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-55.79 dBm	-76.10 dB	-35.79 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01313 MHz	-55.75 dBm	-76.07 dB	-35.75 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.14647 MHz	-30.72 dBm	-51.03 dB	-17.72 dB

Date: 28.DEC.2024 14:33:13

LTE Band 26 / 10MHz / 64QAM

Lowest Channel / Full RB



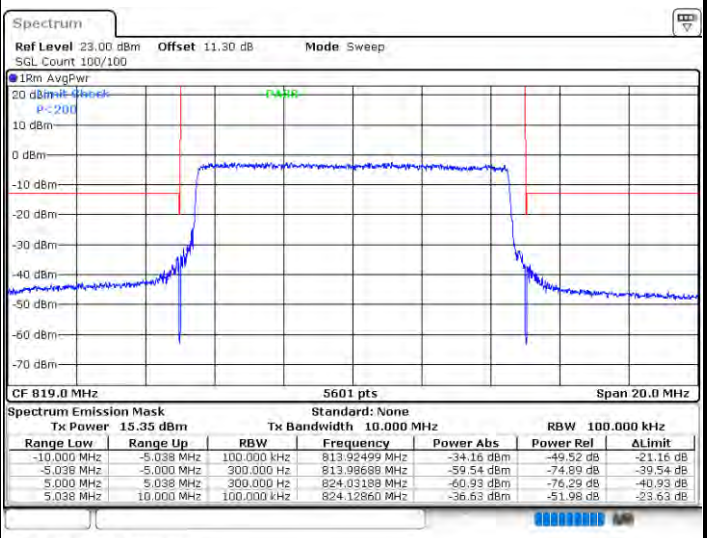
Spectrum Emission Mask Standard: None
Tx Power 18.33 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95000 MHz	-32.17 dBm	-50.50 dB	-19.17 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99688 MHz	-56.57 dBm	-74.89 dB	-36.57 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.02437 MHz	-57.90 dBm	-76.22 dB	-37.90 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.06430 MHz	-32.76 dBm	-51.09 dB	-19.76 dB

Date: 28.DEC.2024 14:35:11

LTE Band 26 / 10MHz / 256QAM

Lowest Channel / Full RB



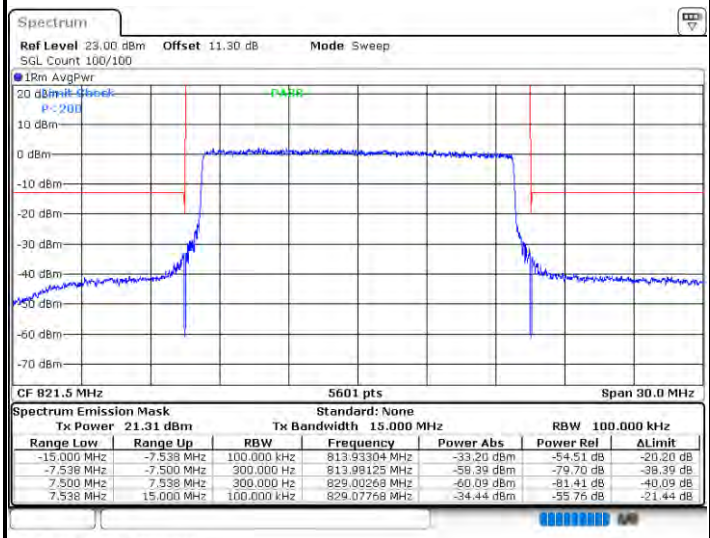
Spectrum Emission Mask Standard: None
Tx Power 15.35 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.92499 MHz	-34.16 dBm	-49.52 dB	-21.16 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98688 MHz	-59.54 dBm	-74.89 dB	-39.54 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.03188 MHz	-60.93 dBm	-76.29 dB	-40.93 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.12860 MHz	-36.63 dBm	-51.98 dB	-23.63 dB

Date: 28.DEC.2024 14:37:00

LTE Band 26 / 15MHz / QPSK

Lowest Channel / Full RB



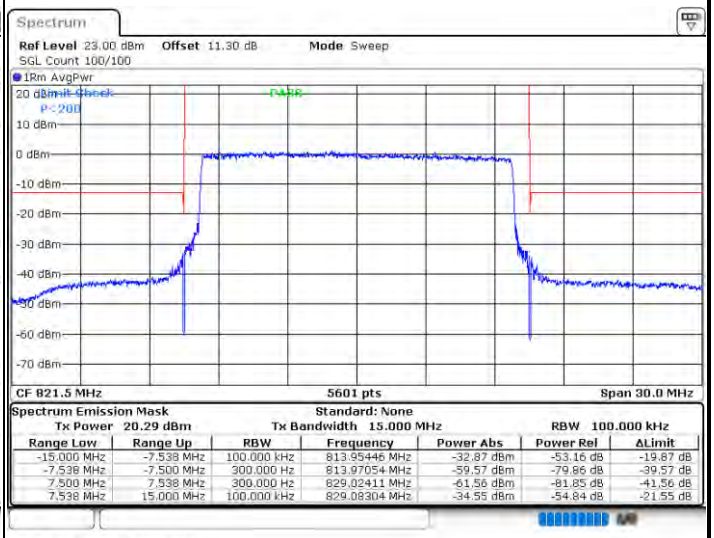
Spectrum Emission Mask Standard: None
Tx Power 21.31 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.93304 MHz	-33.20 dBm	-54.51 dB	-20.20 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-58.39 dBm	-79.70 dB	-38.39 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-60.09 dBm	-81.41 dB	-40.09 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.07768 MHz	-34.44 dBm	-55.76 dB	-21.44 dB

Date: 28.DEC.2024 14:54:10

LTE Band 26 / 15MHz / 16QAM

Lowest Channel / Full RB



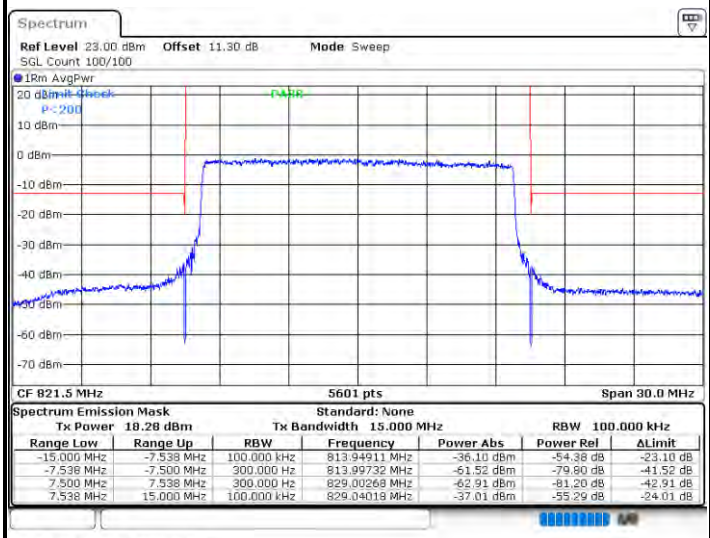
Spectrum Emission Mask Standard: None
Tx Power 20.29 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95446 MHz	-32.87 dBm	-53.16 dB	-19.87 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.97054 MHz	-59.57 dBm	-79.86 dB	-39.57 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-61.56 dBm	-81.85 dB	-41.56 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.08304 MHz	-34.55 dBm	-54.84 dB	-21.55 dB

Date: 28.DEC.2024 14:56:10

LTE Band 26 / 15MHz / 64QAM

Lowest Channel / Full RB



Spectrum Emission Mask Standard: None
Tx Power 18.28 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94911 MHz	-36.10 dBm	-54.38 dB	-23.10 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-61.52 dBm	-79.80 dB	-41.52 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-62.91 dBm	-81.20 dB	-42.91 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-37.01 dBm	-55.29 dB	-24.01 dB

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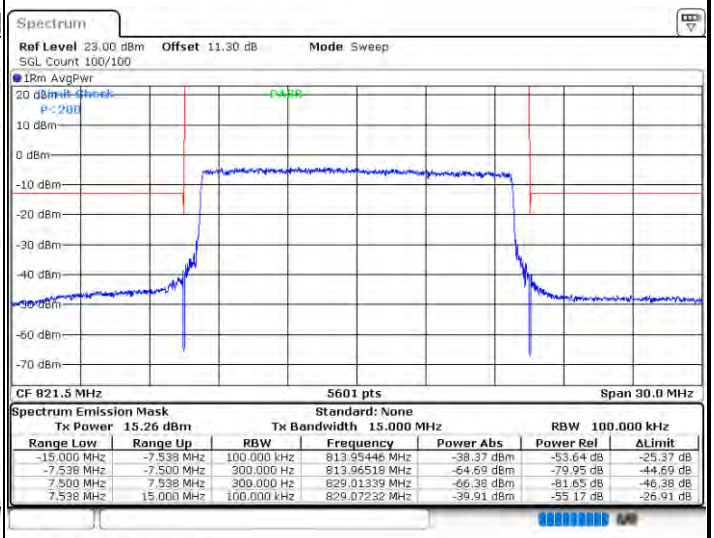
LTE Band 26 / 15MHz / 256QAM

Lowest Channel / Full RB



Spectrum Emission Mask Standard: None
Tx Power 15.26 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

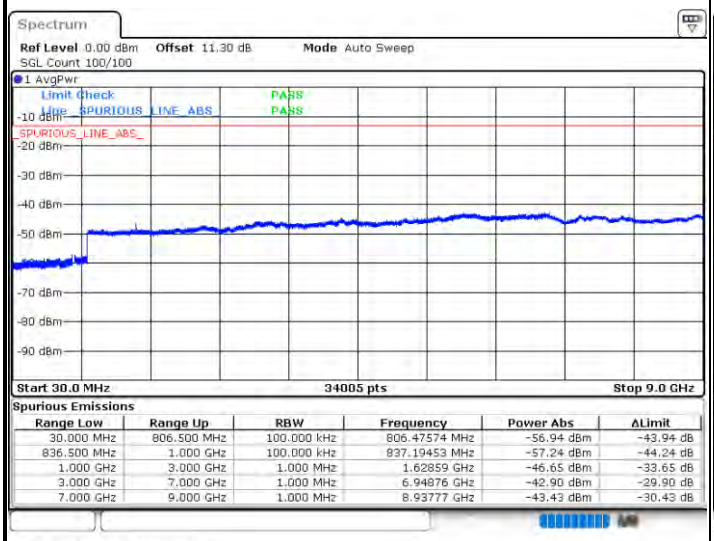
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95446 MHz	-38.37 dBm	-53.64 dB	-25.37 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.96518 MHz	-64.69 dBm	-79.95 dB	-44.69 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.01339 MHz	-66.38 dBm	-81.65 dB	-46.38 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.07232 MHz	-39.91 dBm	-55.17 dB	-26.91 dB

Date: 28.DEC.2024 15:00:00

Emission masks – Out of band emissions

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

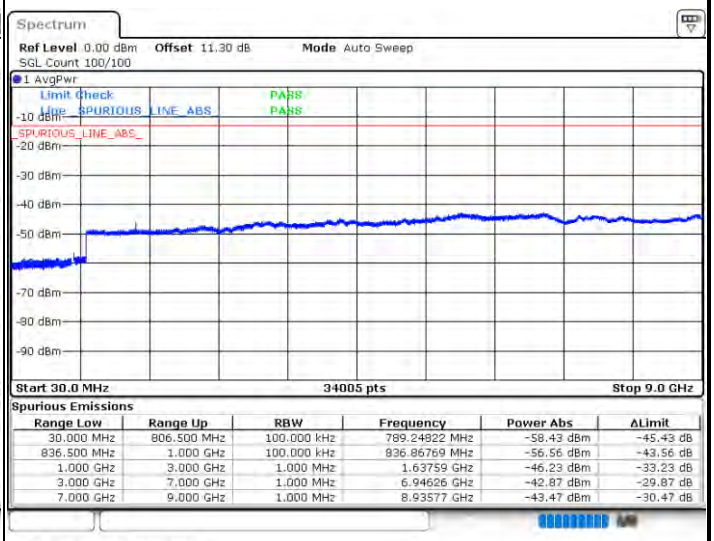


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.47574 MHz	-56.94 dBm	-43.94 dB
836.500 MHz	1.000 GHz	100.000 kHz	837.19453 MHz	-57.24 dBm	-44.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93777 GHz	-43.43 dBm	-30.43 dB

Date: 28.DEC.2024 13:24:15

Middle Channel / QPSK

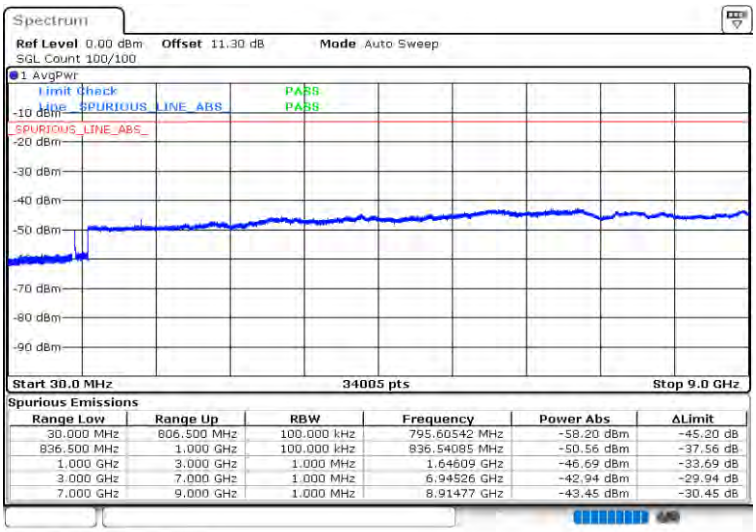


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	789.24822 MHz	-58.43 dBm	-45.43 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.86769 MHz	-56.56 dBm	-43.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-42.87 dBm	-29.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93577 GHz	-43.47 dBm	-30.47 dB

Date: 28.DEC.2024 13:26:24

Highest Channel / QPSK



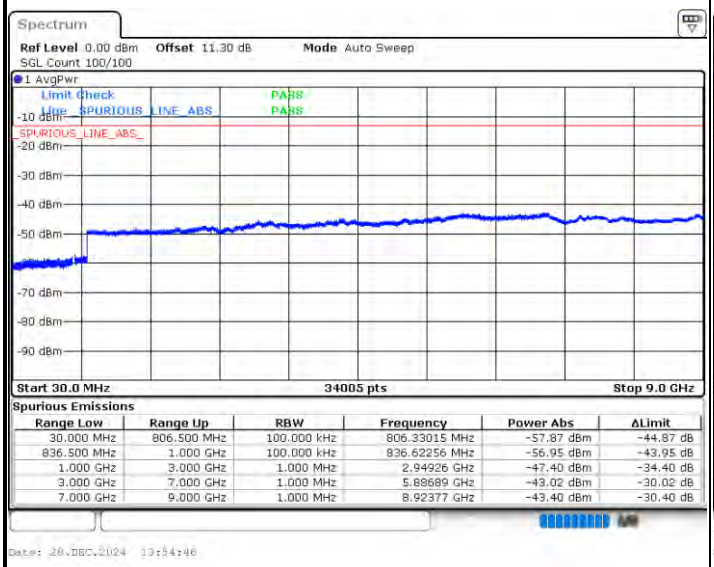
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	795.60542 MHz	-58.20 dBm	-45.20 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.54085 MHz	-50.56 dBm	-37.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-42.94 dBm	-29.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91477 GHz	-43.45 dBm	-30.45 dB

Date: 28.DEC.2024 13:28:06

LTE Band 26 / 3MHz

Lowest Channel / QPSK

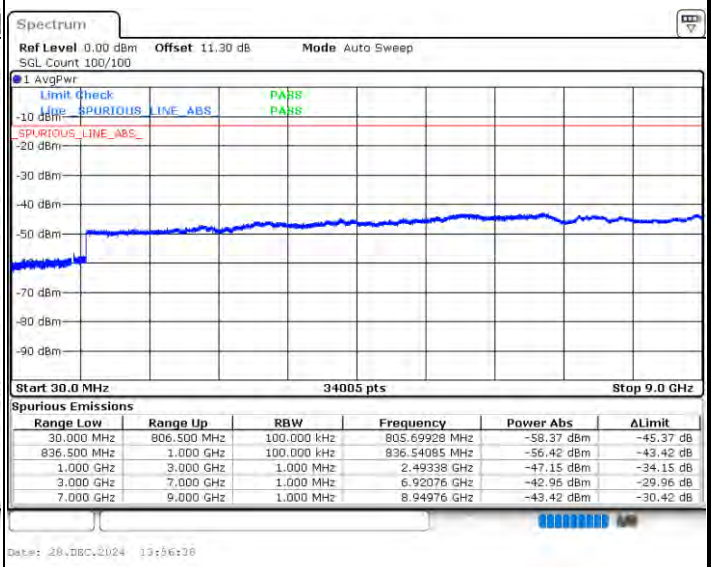


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.33015 MHz	-57.87 dBm	-44.87 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.62256 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94926 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.88689 GHz	-43.02 dBm	-30.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-43.40 dBm	-30.40 dB

Date: 28.DEC.2024 13:54:46

Middle Channel / QPSK

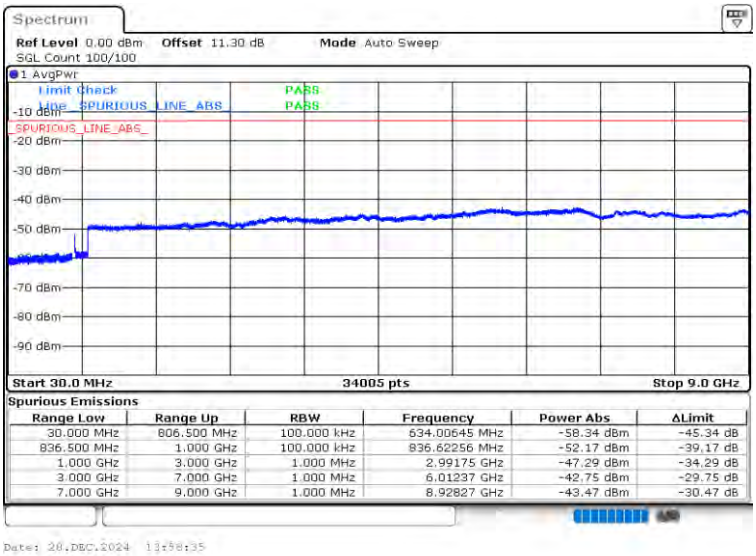


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	805.69928 MHz	-58.37 dBm	-45.37 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.54085 MHz	-56.42 dBm	-43.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49338 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92076 GHz	-42.96 dBm	-29.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94976 GHz	-43.42 dBm	-30.42 dB

Date: 28.DEC.2024 13:56:38

Highest Channel / QPSK



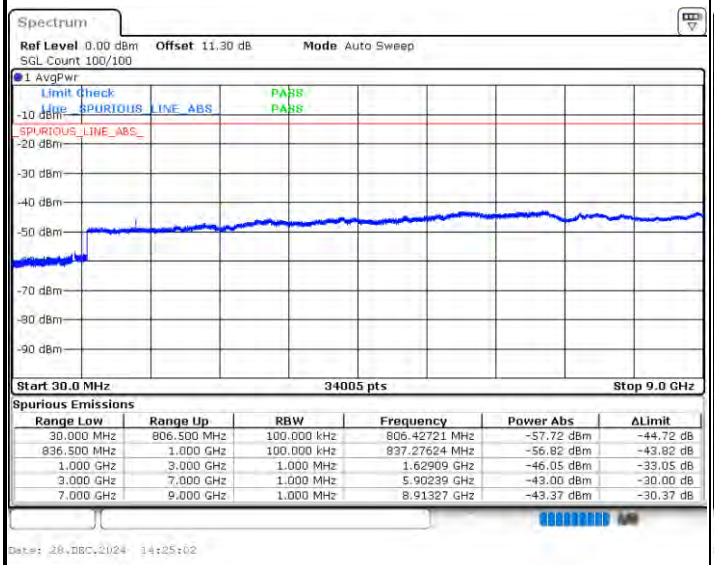
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	634.00645 MHz	-58.34 dBm	-45.34 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.62256 MHz	-52.17 dBm	-39.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.01237 GHz	-42.75 dBm	-29.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92827 GHz	-43.47 dBm	-30.47 dB

Date: 28.DEC.2024 13:58:35

LTE Band 26 / 5MHz

Lowest Channel / QPSK

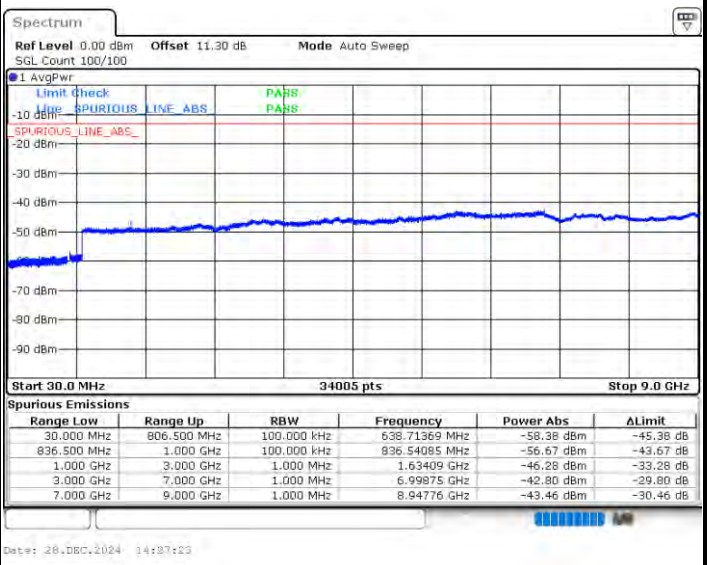


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.42721 MHz	-57.72 dBm	-44.72 dB
836.500 MHz	1.000 GHz	100.000 kHz	837.27624 MHz	-56.82 dBm	-43.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.05 dBm	-33.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.90239 GHz	-43.00 dBm	-30.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91327 GHz	-43.37 dBm	-30.37 dB

Date: 28.DEC.2024 14:25:02

Middle Channel / QPSK

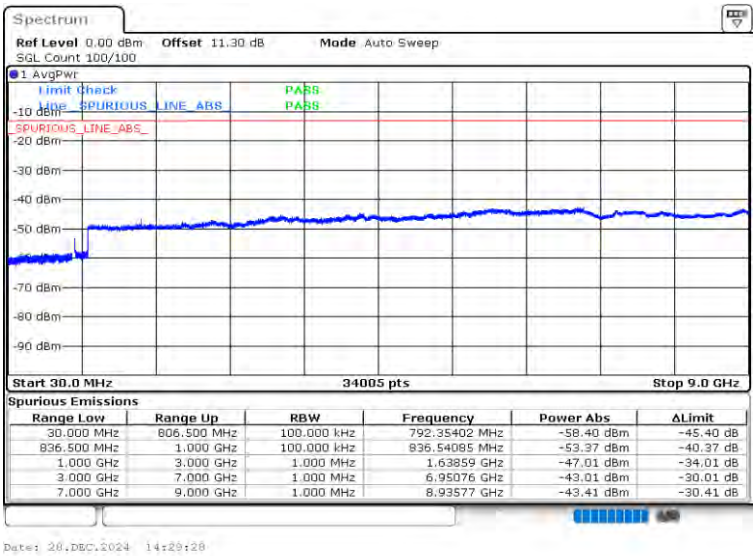


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	638.71369 MHz	-58.38 dBm	-45.38 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.54085 MHz	-56.67 dBm	-43.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.80 dBm	-29.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94776 GHz	-43.46 dBm	-30.46 dB

Date: 28.DEC.2024 14:27:23

Highest Channel / QPSK

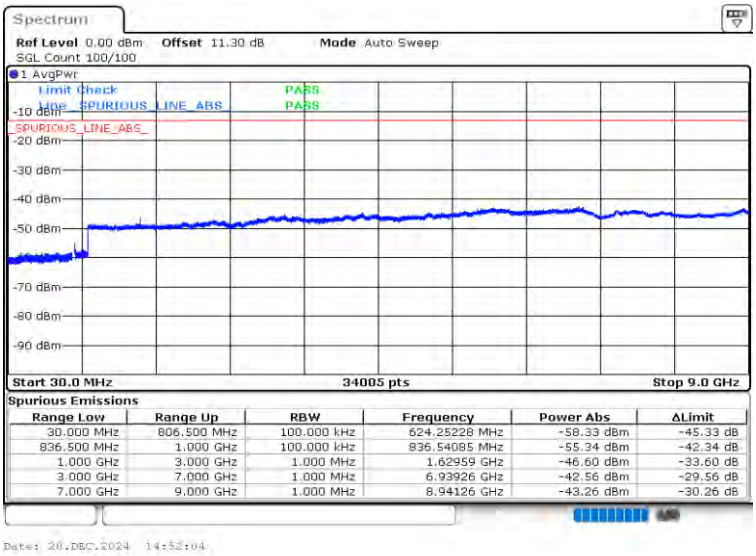


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	792.35402 MHz	-58.40 dBm	-45.40 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.54085 MHz	-53.37 dBm	-40.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63859 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-43.01 dBm	-30.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93577 GHz	-43.41 dBm	-30.41 dB

Date: 28.DEC.2024 14:29:28

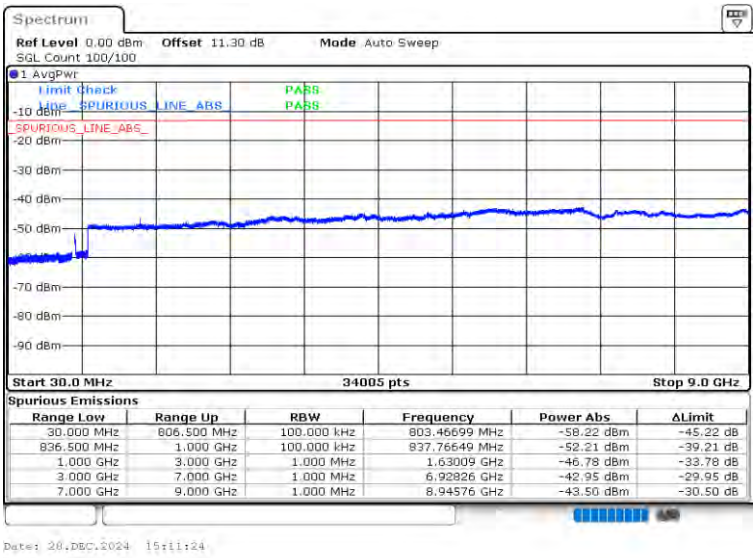
LTE Band 26 / 10MHz
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	624.25228 MHz	-58.33 dBm	-45.33 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.54085 MHz	-55.34 dBm	-42.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94126 GHz	-43.26 dBm	-30.26 dB

LTE Band 26 / 15MHz
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	803.46699 MHz	-58.22 dBm	-45.22 dB
836.500 MHz	1.000 GHz	100.000 kHz	837.76649 MHz	-52.21 dBm	-39.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-42.95 dBm	-29.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94576 GHz	-43.50 dBm	-30.50 dB

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
55	Normal Voltage	0.0065	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0104	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note: Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.

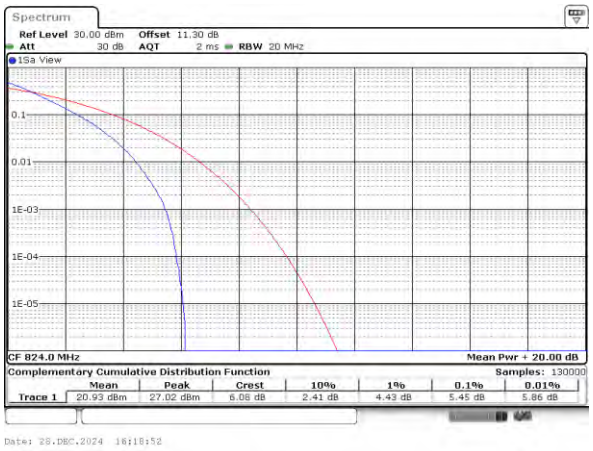
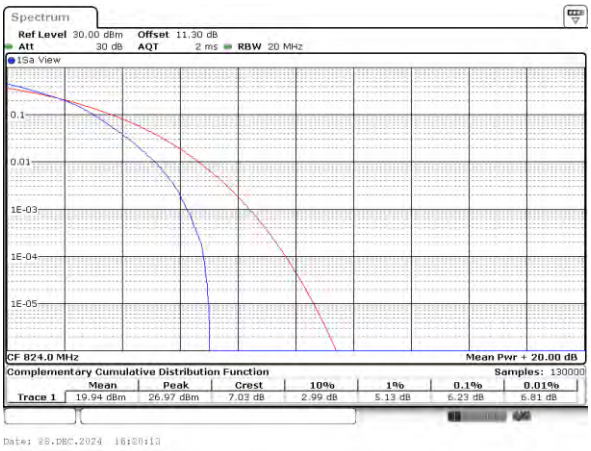
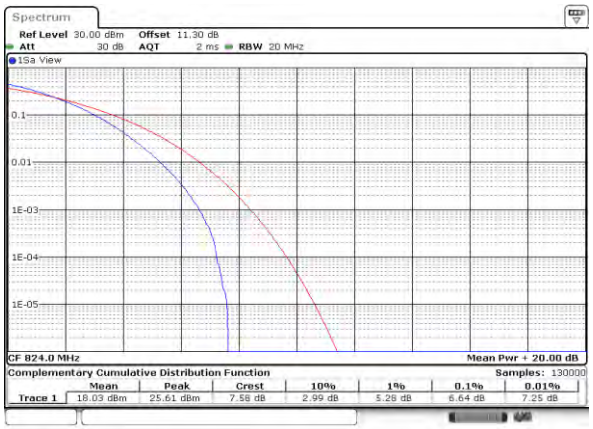
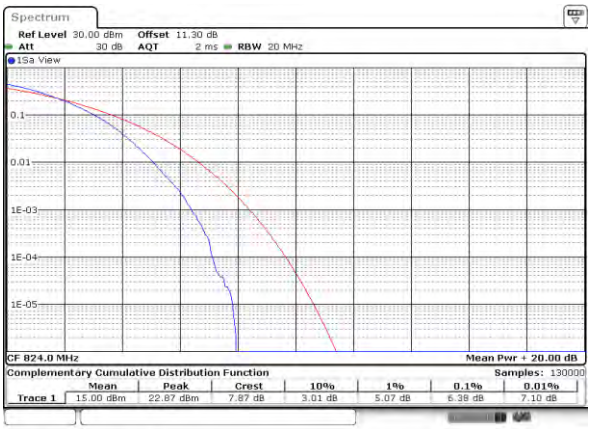
Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature	Voltage	BW 15MHz	2.5ppm
(°C)	(Volt)	Deviation (ppm)	Result
55	Normal Voltage	0.0055	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0045	

Note: Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.

LTE Band 26_Part 90S_824 MHz

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	5.45	6.23	6.64	6.38	PASS

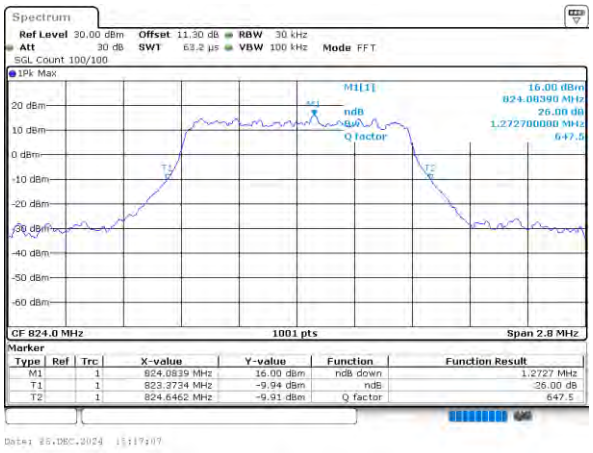
LTE Band 26 / 15MHz / QPSK	LTE Band 26 / 15MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 26 / 15MHz / 64QAM	LTE Band 26 / 15MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

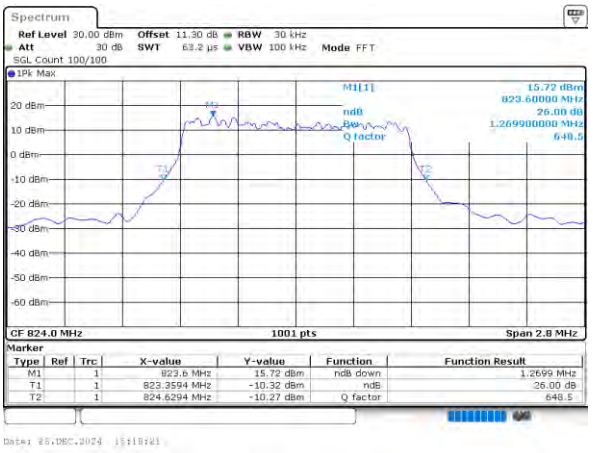
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.26	3.18	3.11	5.32	5.13	9.85	9.81	14.20	14.17	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.26	1.29	3.11	3.10	5.21	5.07	10.33	10.17	15.16	14.50	-	-

LTE Band 26

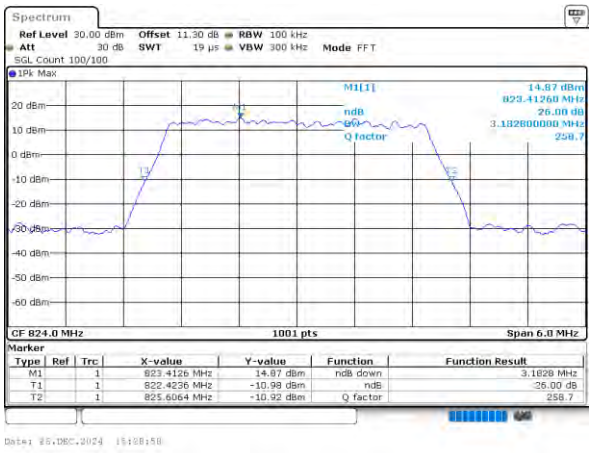
Middle Channel / 1.4MHz / QPSK



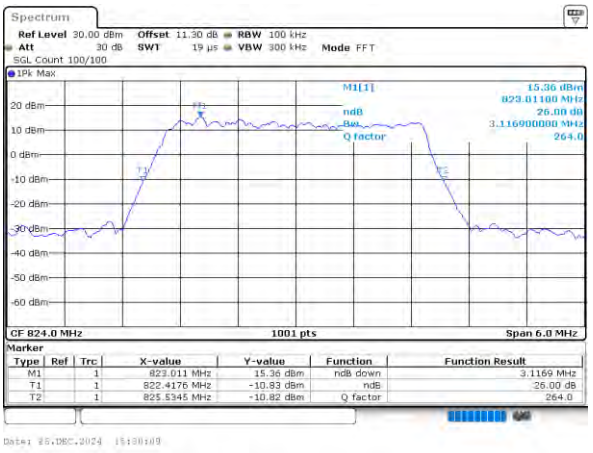
Middle Channel / 1.4MHz / 16QAM



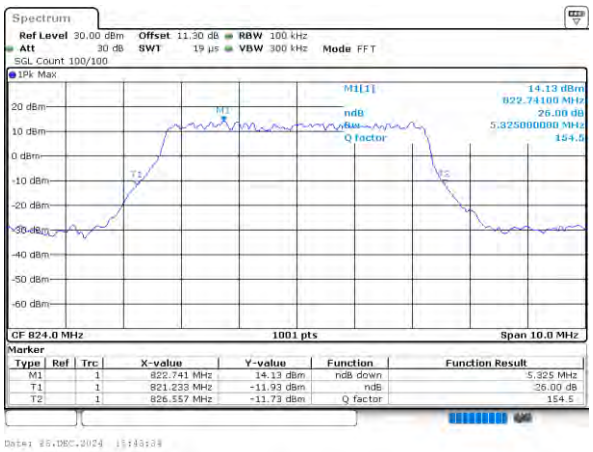
Middle Channel / 3MHz / QPSK



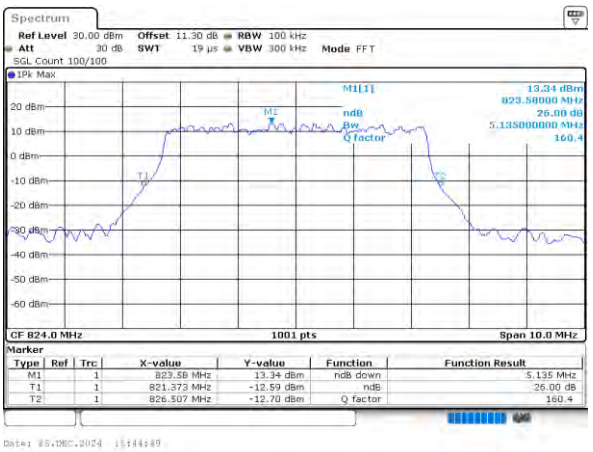
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

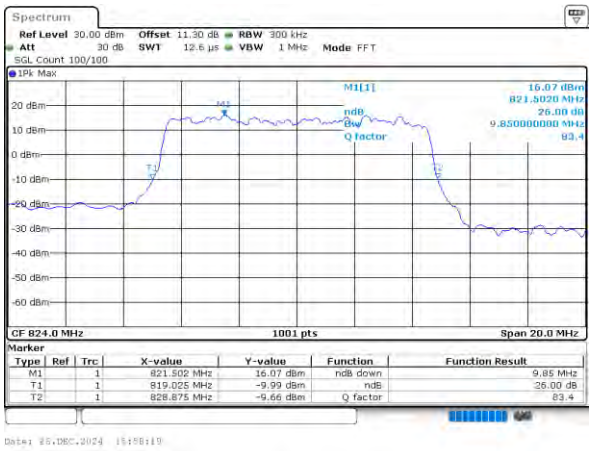


Middle Channel / 5MHz / 16QAM

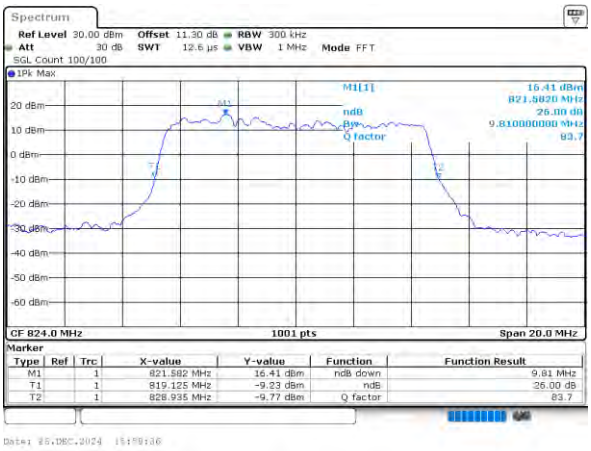


LTE Band 26

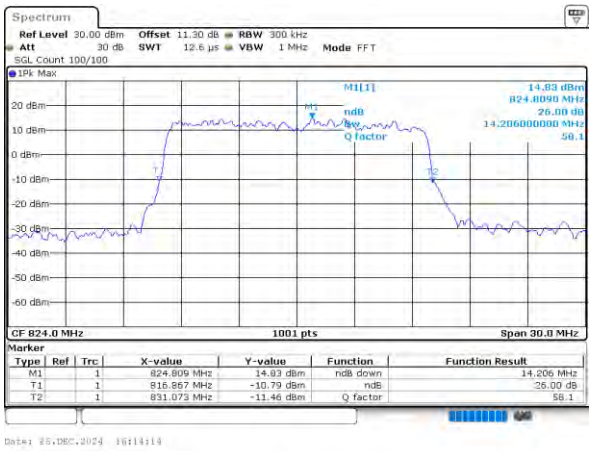
Middle Channel / 10MHz / QPSK



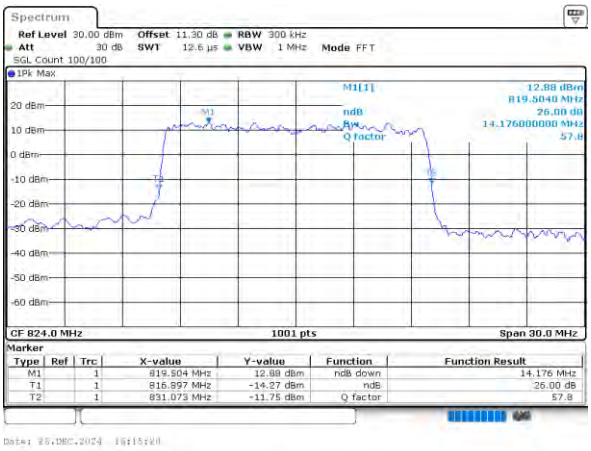
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

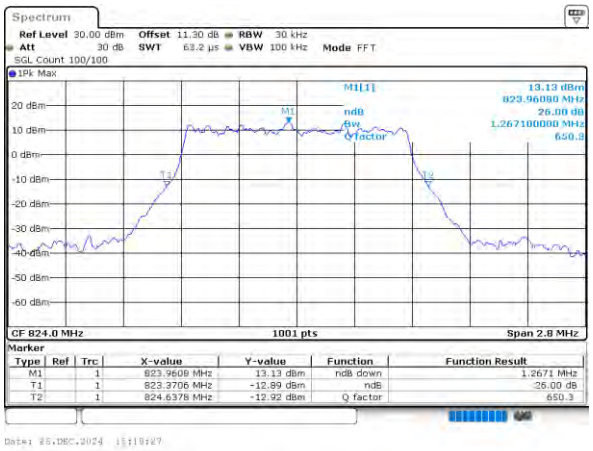


Middle Channel / 15MHz / 16QAM

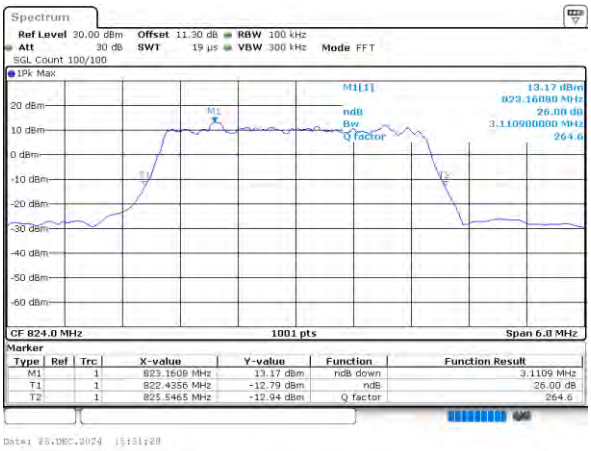


LTE Band 26

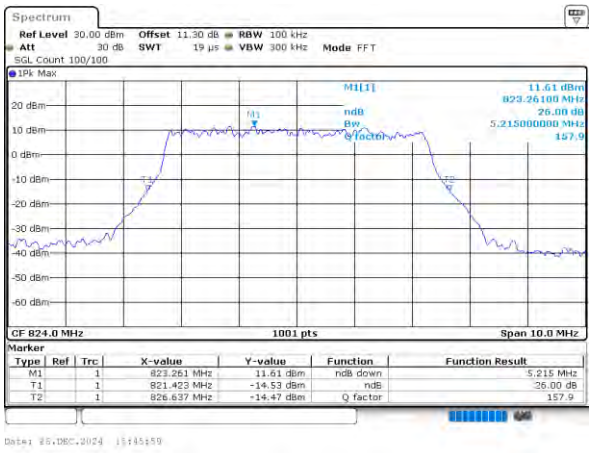
Middle Channel / 1.4MHz / 64QAM



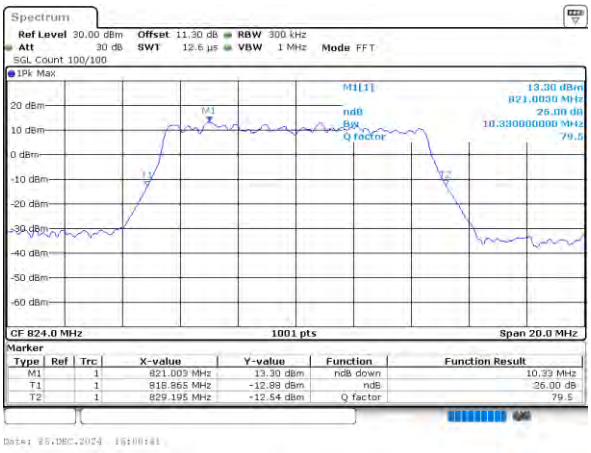
Middle Channel / 3MHz / 64QAM



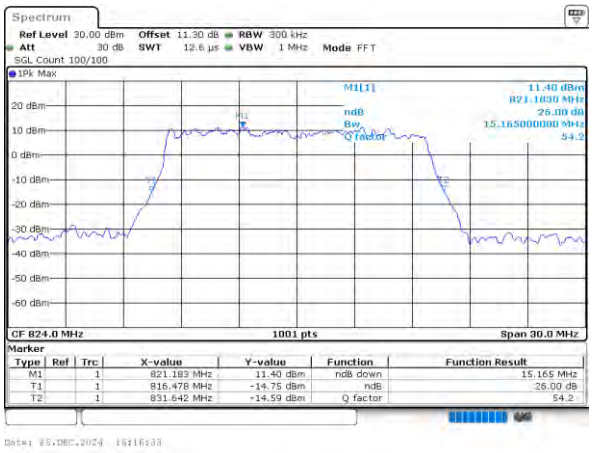
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



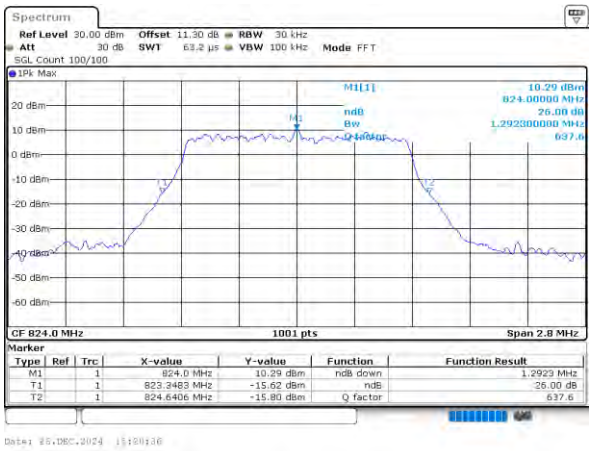
Middle Channel / 15MHz / 64QAM



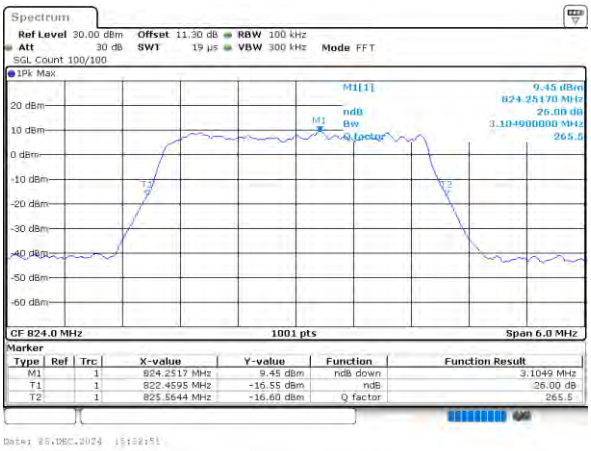
N/A

LTE Band 26

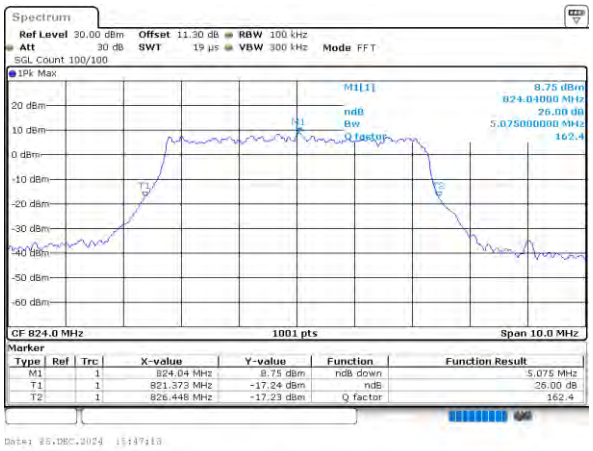
Middle Channel / 1.4MHz / 256QAM



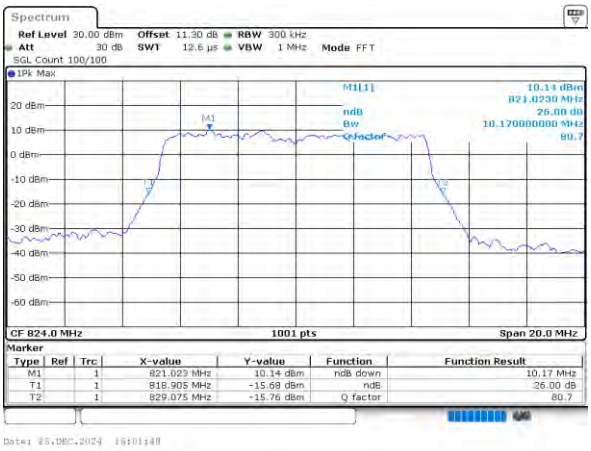
Middle Channel / 3MHz / 256QAM



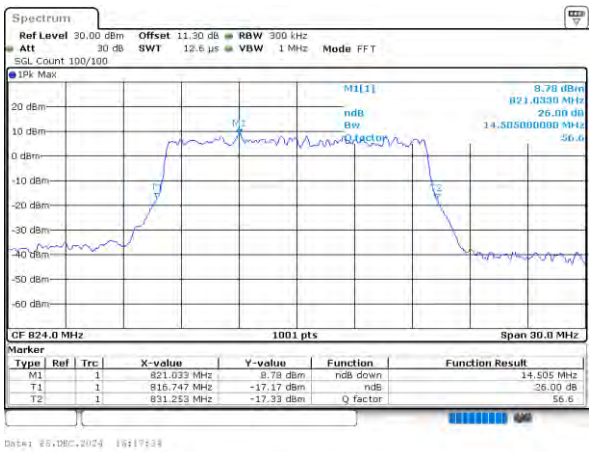
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



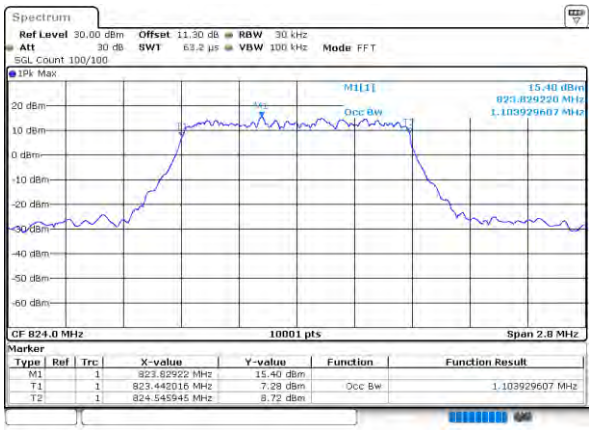
N/A

Occupied Bandwidth

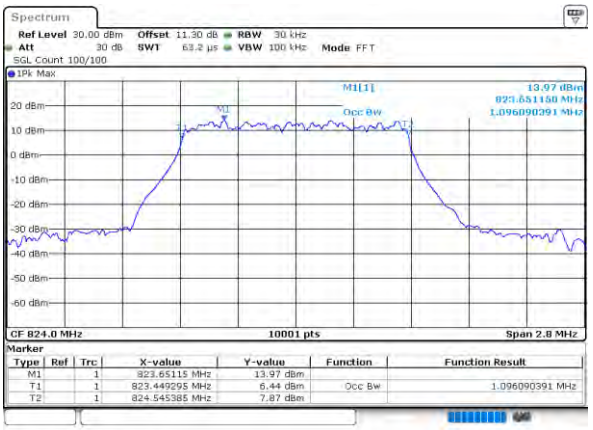
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.09	2.73	2.74	4.47	4.48	9.09	8.98	13.45	13.44	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.10	1.09	2.73	2.71	4.52	4.50	9.00	9.10	13.47	13.49	-	-

LTE Band 26

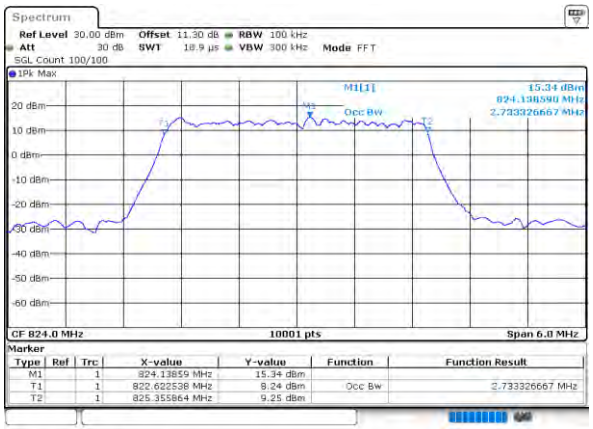
Middle Channel / 1.4MHz / QPSK



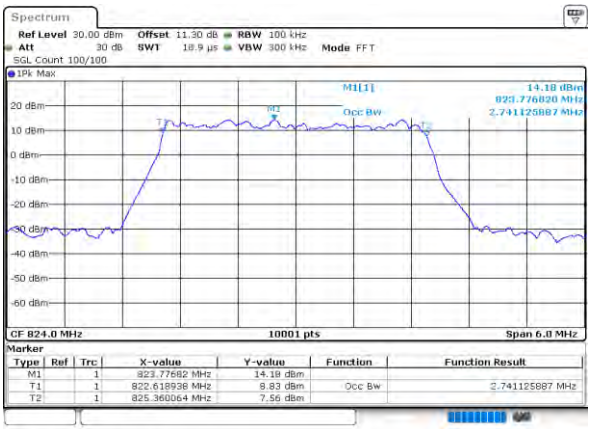
Middle Channel / 1.4MHz / 16QAM



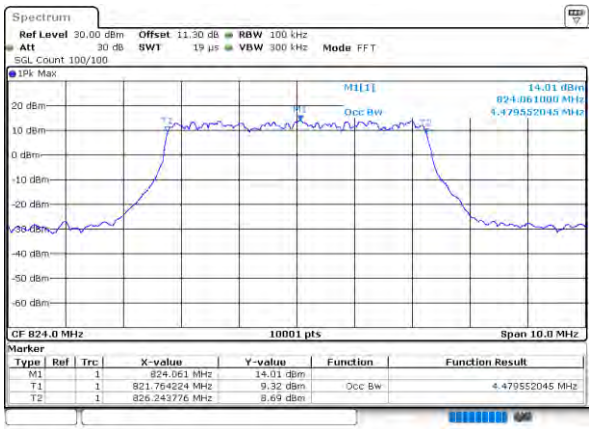
Middle Channel / 3MHz / QPSK



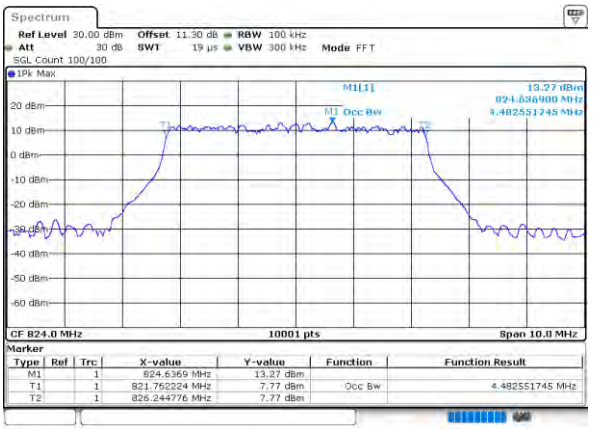
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

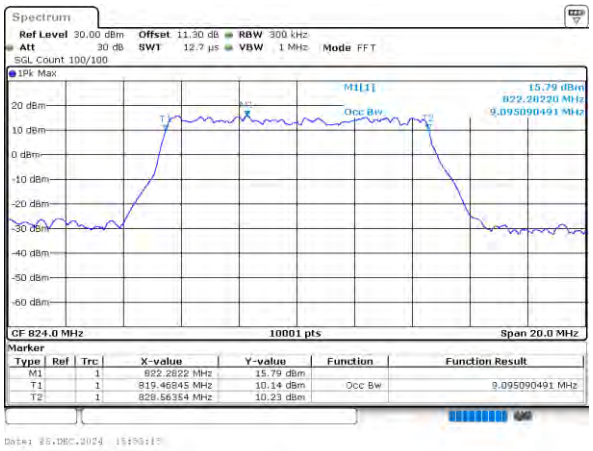


Middle Channel / 5MHz / 16QAM

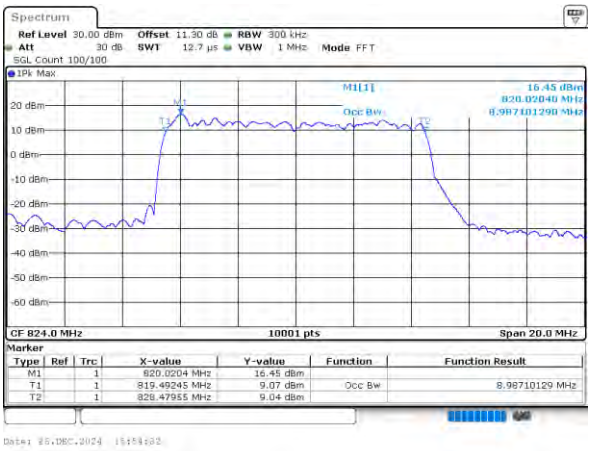


LTE Band 26

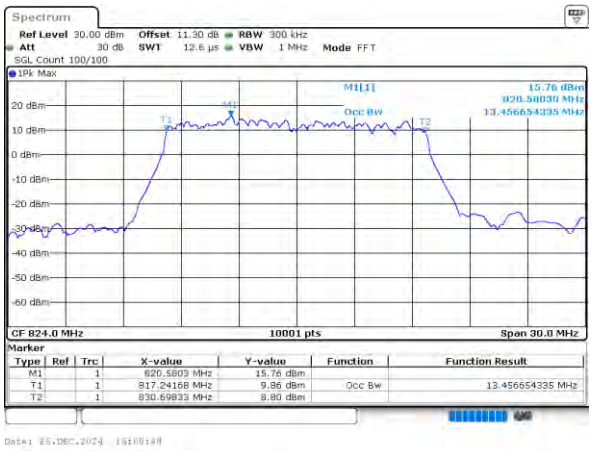
Middle Channel / 10MHz / QPSK



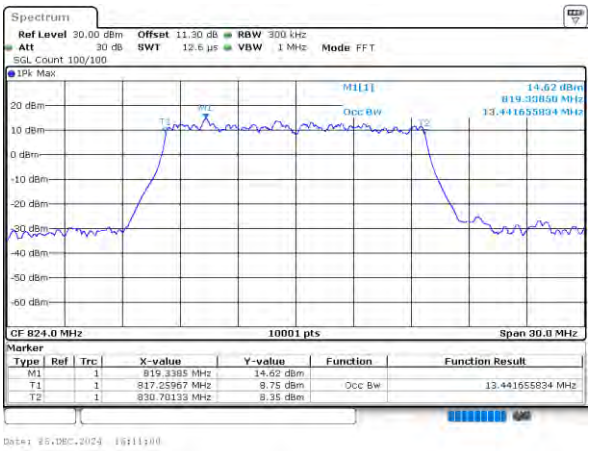
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

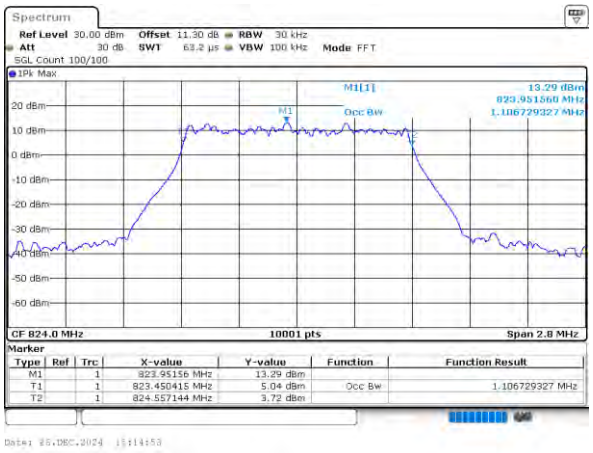


Middle Channel / 15MHz / 16QAM

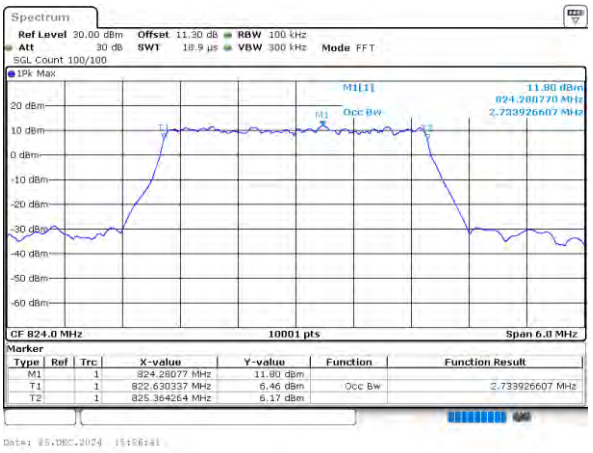


LTE Band 26

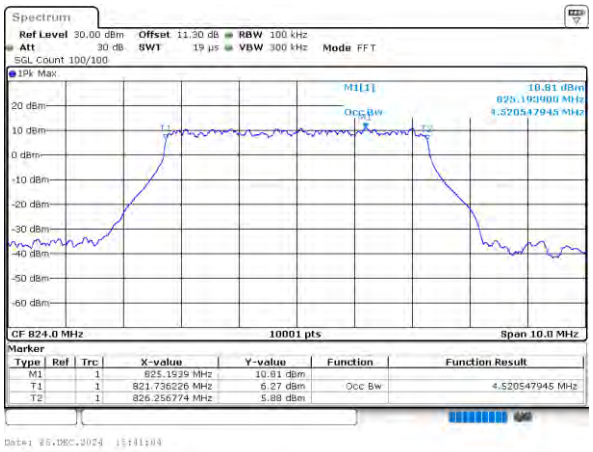
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM

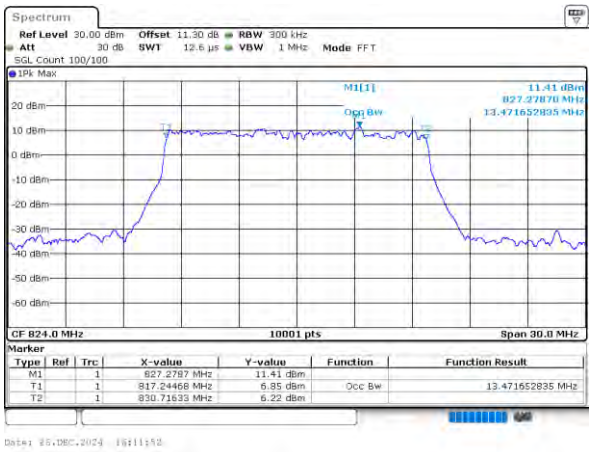


Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

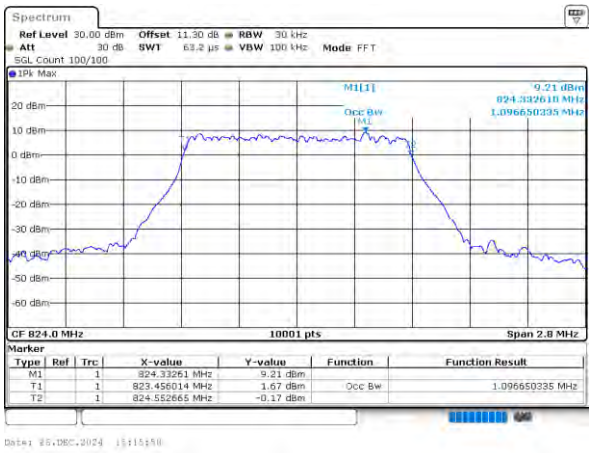
Middle Channel / 15MHz / 64QAM



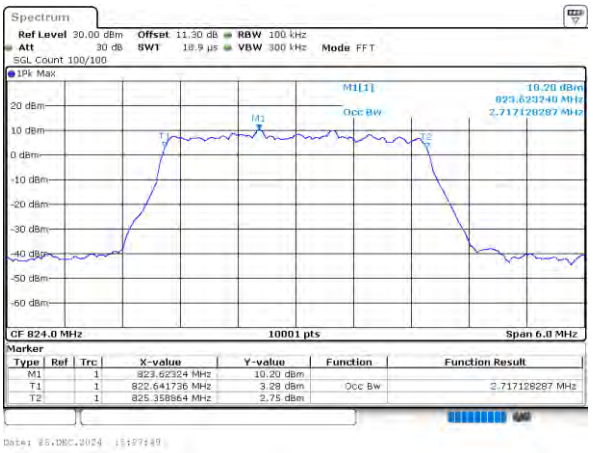
N/A

LTE Band 26

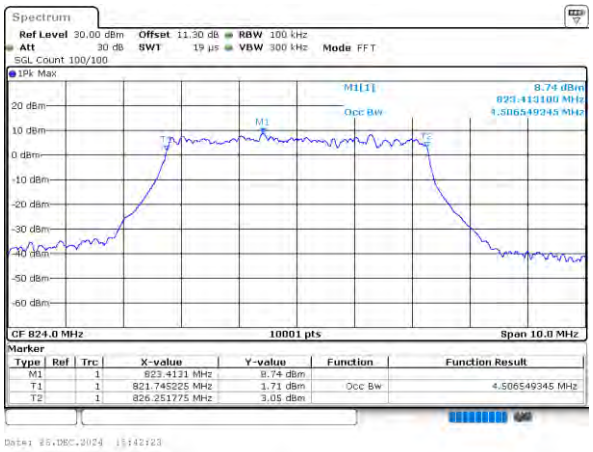
Middle Channel / 1.4MHz / 256QAM



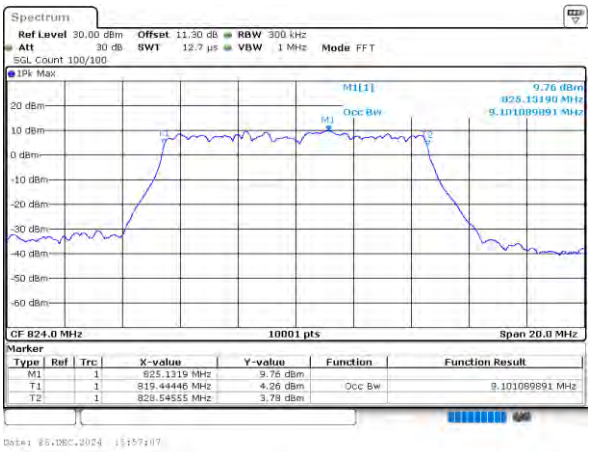
Middle Channel / 3MHz / 256QAM



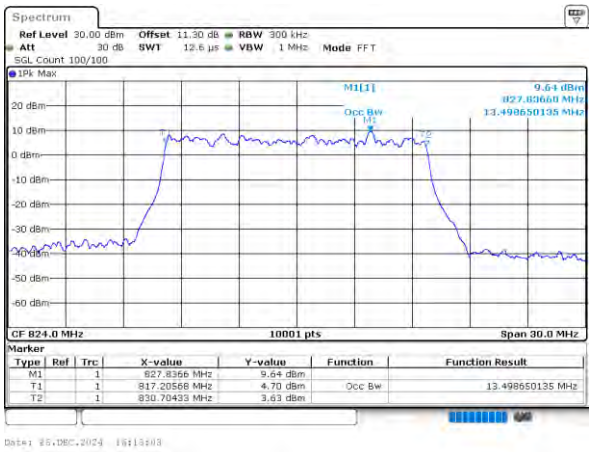
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel /15MHz / 256QAM

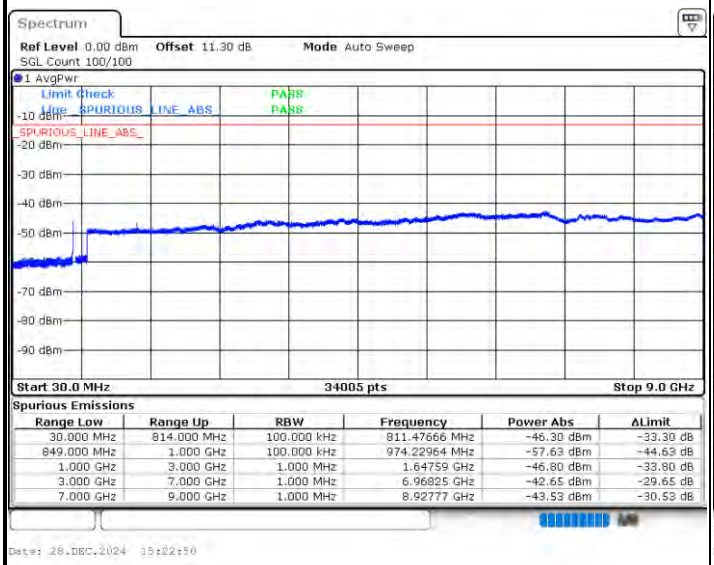


N/A

Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Middle Channel / QPSK



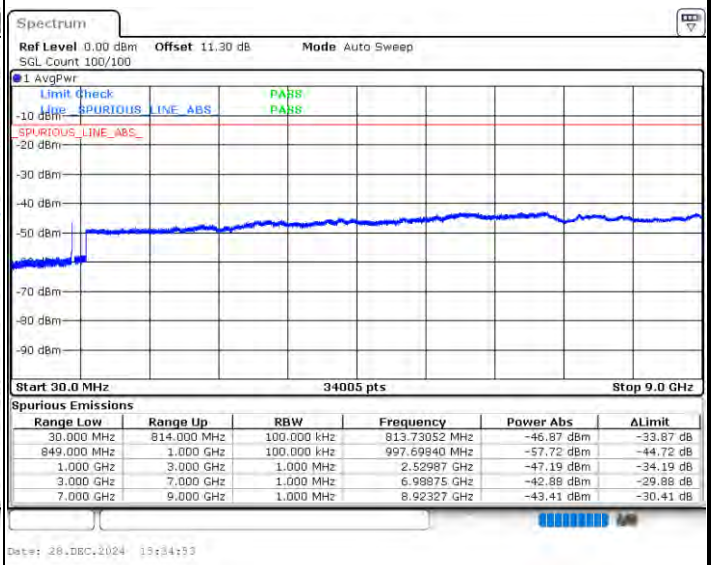
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	811.47666 MHz	-46.30 dBm	-33.30 dB
849.000 MHz	1.000 GHz	100.000 kHz	974.22964 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64759 GHz	-46.80 dBm	-33.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-42.65 dBm	-29.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92777 GHz	-43.53 dBm	-30.53 dB

Date: 28.DEC.2024 15:22:50

LTE Band 26 / 3MHz

Middle Channel / QPSK



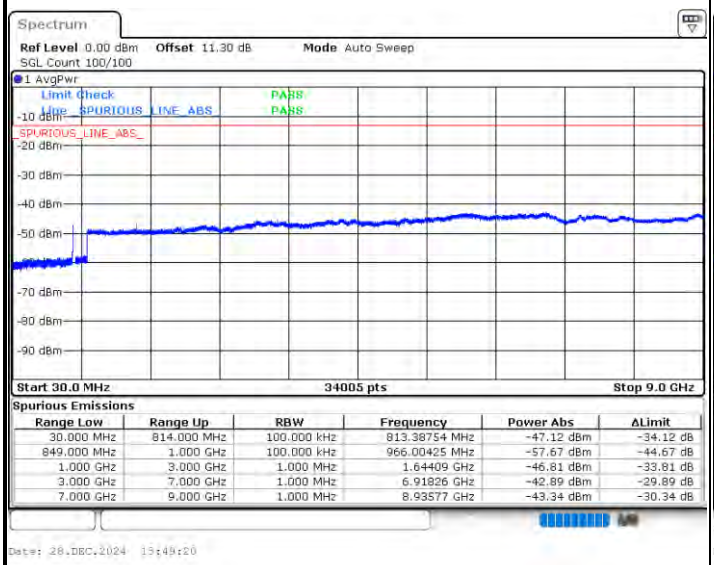
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	813.73052 MHz	-46.87 dBm	-33.87 dB
849.000 MHz	1.000 GHz	100.000 kHz	997.69840 MHz	-57.72 dBm	-44.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52987 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.88 dBm	-29.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92327 GHz	-43.41 dBm	-30.41 dB

Date: 28.DEC.2024 15:34:53

LTE Band 26 / 5MHz

Middle Channel / QPSK



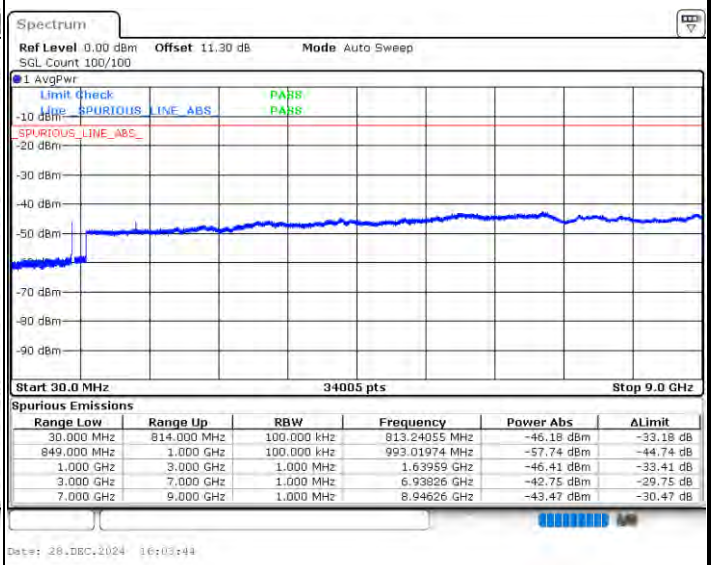
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	813.38754 MHz	-47.12 dBm	-34.12 dB
849.000 MHz	1.000 GHz	100.000 kHz	966.00425 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64409 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91826 GHz	-42.89 dBm	-29.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93577 GHz	-43.34 dBm	-30.34 dB

Date: 28.DEC.2024 15:49:20

LTE Band 26 / 10MHz

Middle Channel / QPSK

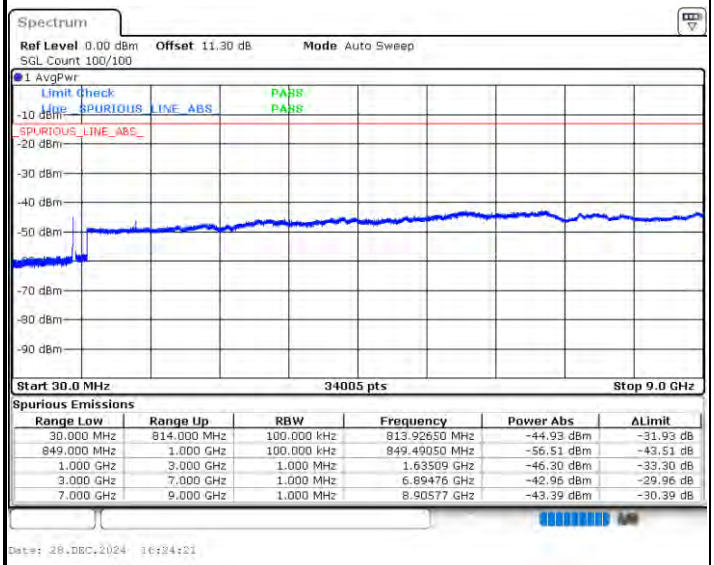


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	813.24055 MHz	-46.18 dBm	-33.18 dB
849.000 MHz	1.000 GHz	100.000 kHz	993.01974 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63959 GHz	-46.41 dBm	-33.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-42.75 dBm	-29.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94626 GHz	-43.47 dBm	-30.47 dB

Date: 28.DEC.2024 16:03:44

LTE Band 26 / 15MHz	N/A
Middle Channel / QPSK	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	813.92650 MHz	-44.93 dBm	-31.93 dB
849.000 MHz	1.000 GHz	100.000 kHz	849.49050 MHz	-56.51 dBm	-43.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63509 GHz	-46.30 dBm	-33.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89476 GHz	-42.96 dBm	-29.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90577 GHz	-43.39 dBm	-30.39 dB

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
55	Normal Voltage	0.0065	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0104	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note: Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.

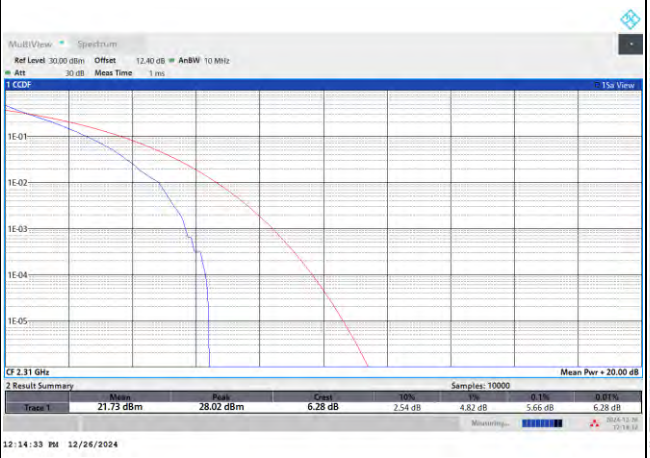
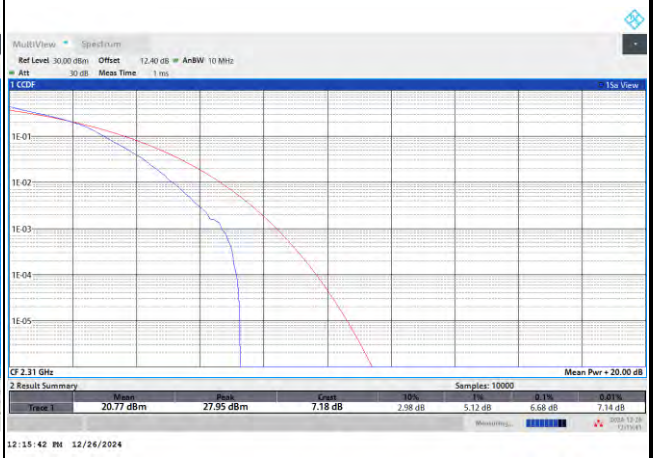
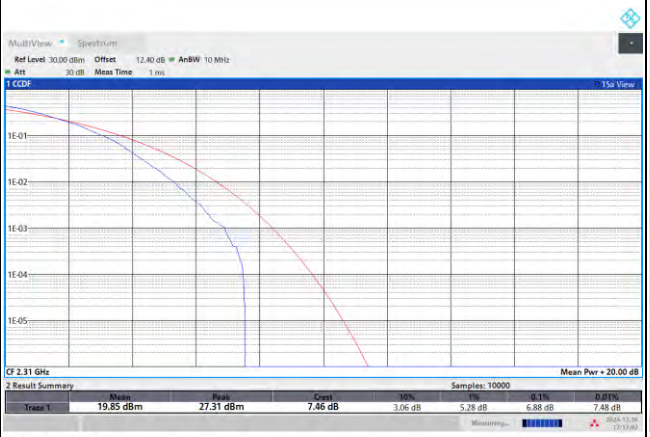
Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature	Voltage	BW 15MHz	2.5ppm
(°C)	(Volt)	Deviation (ppm)	Result
55	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0040	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0016	

Note: Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.

LTE Band 30

Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.66	6.68	6.88	6.54	PASS

LTE Band 30 / 10MHz / QPSK	LTE Band 30 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 30 / 10MHz / 64QAM	LTE Band 30 / 10MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

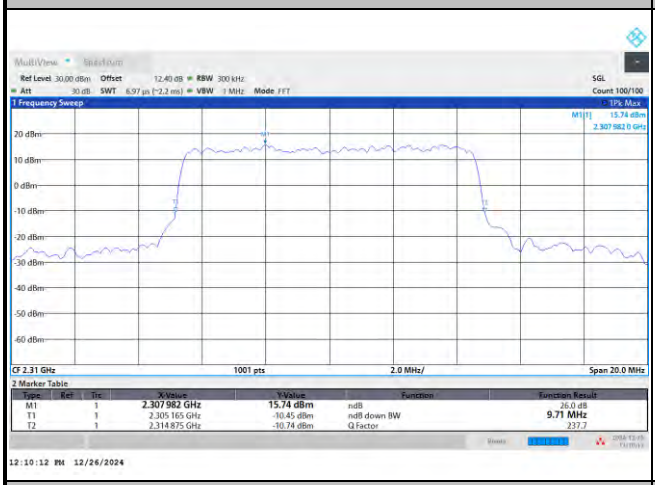
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.11	5.33	9.71	9.91	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.04	4.90	10.33	10.17	-	-	-	-

LTE Band 30

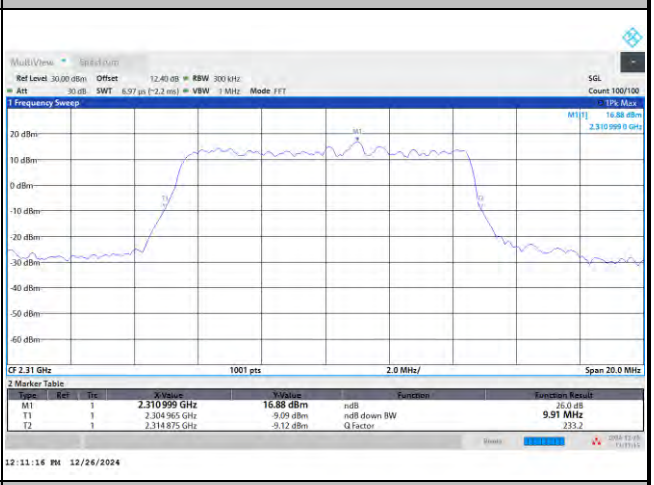
Middle Channel / 5MHz / QPSK

Middle Channel / 5MHz / 16QAM

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM

Middle Channel / 10MHz / 64QAM

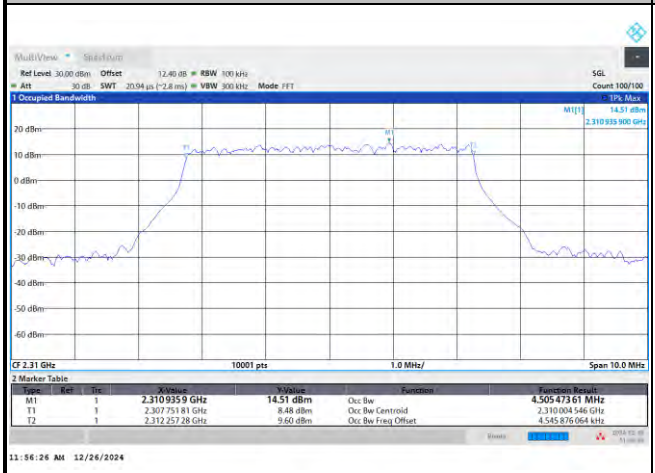
LTE Band 30	
Middle Channel / 5MHz / 256QAM	Middle Channel / 10MHz / 256QAM

Occupied Bandwidth

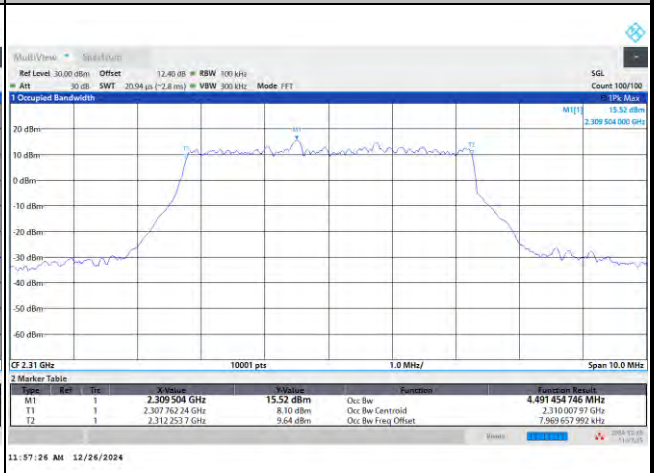
Mode	LTE Band 30 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.49	9.12	9.01	-	-	-	-
Mode	LTE Band 30 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.50	4.49	9.11	9.04	-	-	-	-

LTE Band 30

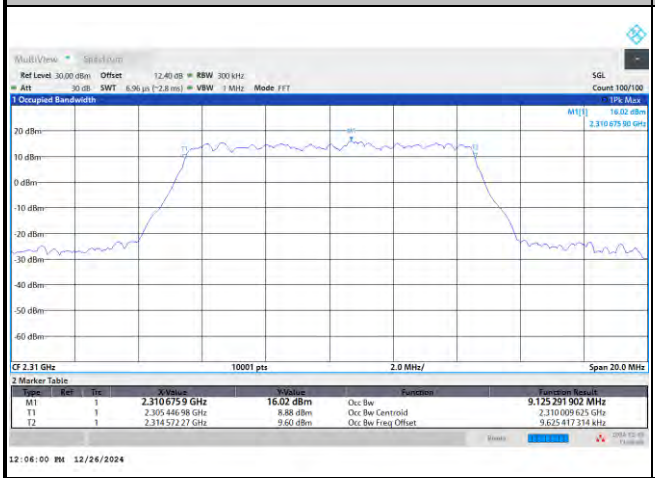
Middle Channel / 5MHz / QPSK



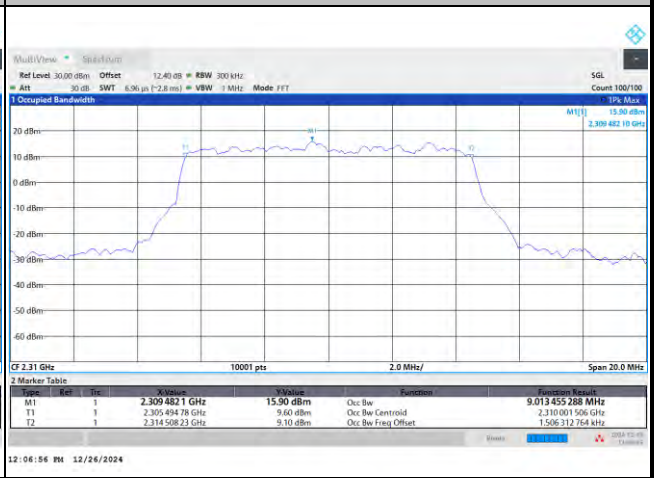
Middle Channel / 5MHz / 16QAM



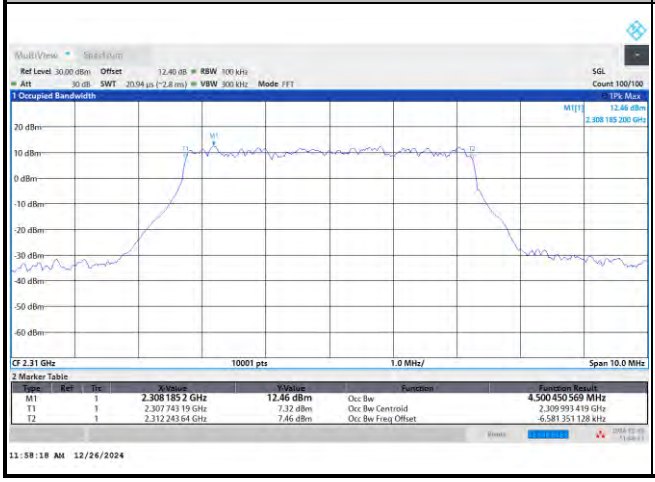
Middle Channel / 10MHz / QPSK



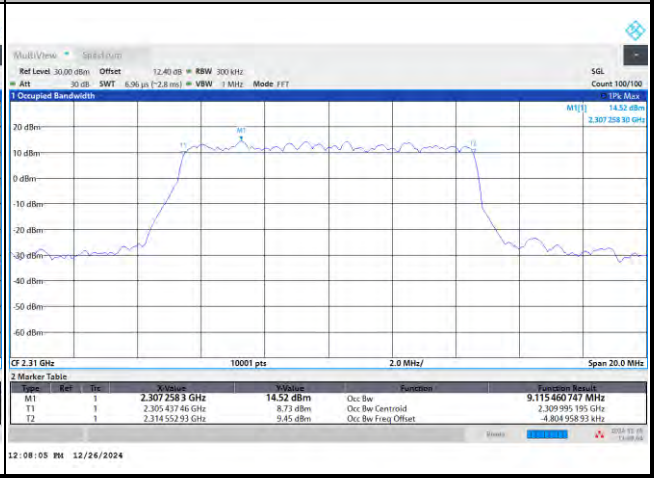
Middle Channel / 10MHz / 16QAM

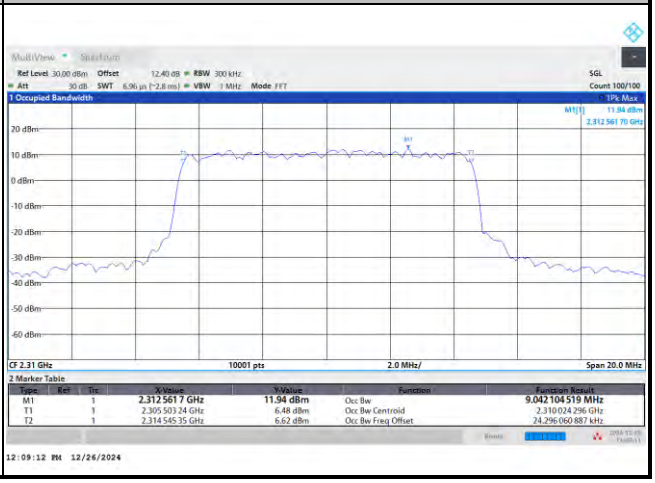


Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

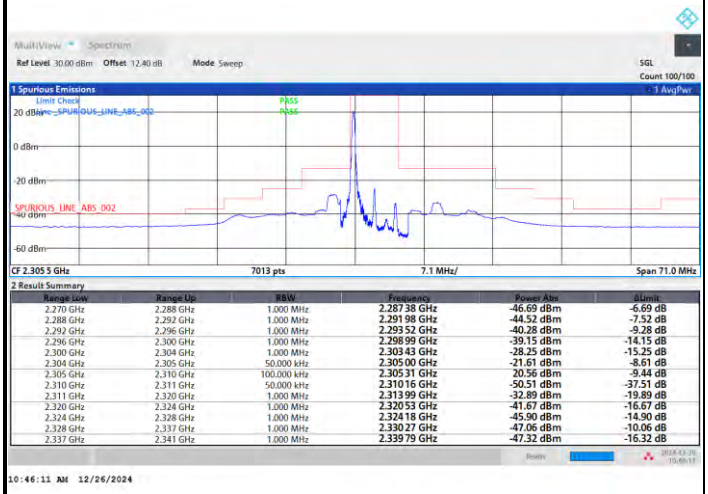


LTE Band 30	
Middle Channel / 5MHz / 256QAM	Middle Channel / 10MHz / 256QAM
	

Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 38 GHz	-46.69 dBm	-6.69 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-44.52 dBm	-7.52 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.293 52 GHz	-40.28 dBm	-9.28 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.298 99 GHz	-39.15 dBm	-14.15 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 43 GHz	-28.25 dBm	-15.25 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-21.61 dBm	-8.61 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.305 31 GHz	20.56 dBm	-9.44 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 16 GHz	-50.51 dBm	-37.51 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.313 99 GHz	-32.89 dBm	-19.89 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 53 GHz	-41.67 dBm	-16.67 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 18 GHz	-45.90 dBm	-14.90 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.330 27 GHz	-47.06 dBm	-10.06 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.339 79 GHz	-47.32 dBm	-16.32 dB

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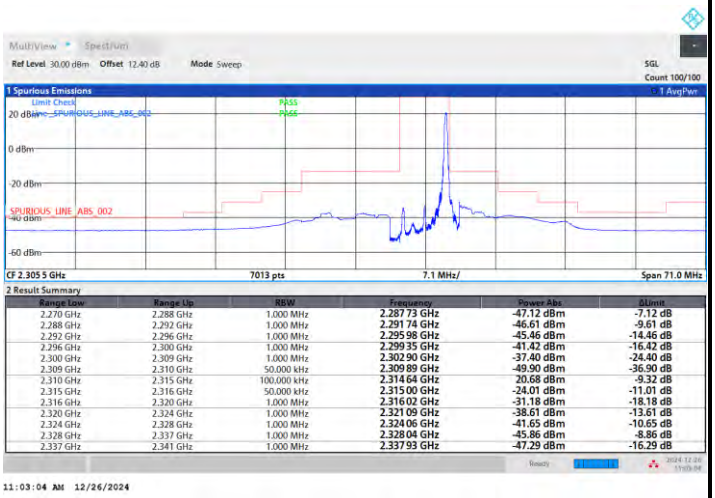
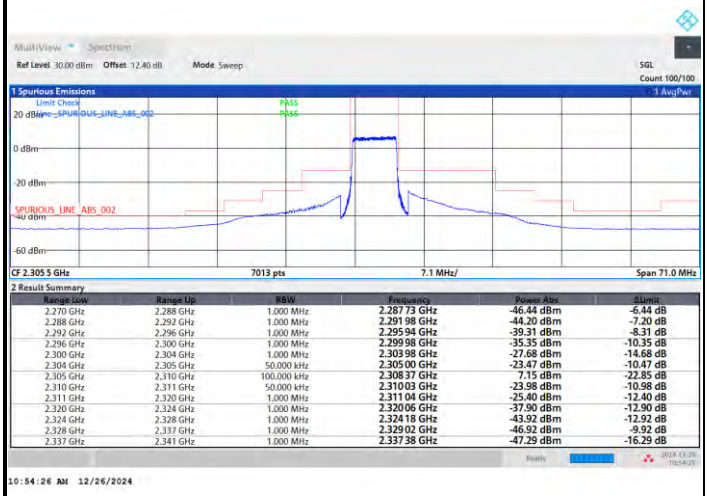
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 73 GHz	-47.12 dBm	-7.12 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 74 GHz	-46.61 dBm	-9.61 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-45.46 dBm	-14.46 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 35 GHz	-41.42 dBm	-16.42 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.302 90 GHz	-37.40 dBm	-24.40 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.309 89 GHz	-49.90 dBm	-36.90 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.314 64 GHz	20.68 dBm	-9.32 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-24.01 dBm	-11.01 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-31.18 dBm	-18.18 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.321 09 GHz	-38.61 dBm	-13.61 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-41.65 dBm	-10.65 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-45.86 dBm	-8.86 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 93 GHz	-47.29 dBm	-16.29 dB

11:03:04 AM 12/26/2024

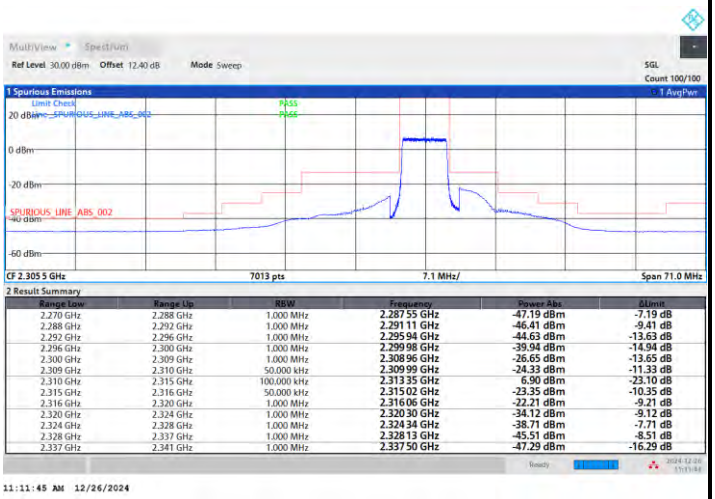
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 73 GHz	-46.44 dBm	-6.44 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-44.20 dBm	-7.20 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-39.31 dBm	-8.31 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-35.35 dBm	-10.35 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-27.68 dBm	-14.68 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-23.47 dBm	-10.47 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.308 37 GHz	7.15 dBm	-22.85 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 03 GHz	-23.98 dBm	-10.98 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.311 04 GHz	-25.40 dBm	-12.40 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 06 GHz	-37.90 dBm	-12.90 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 18 GHz	-43.92 dBm	-12.92 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.329 02 GHz	-46.92 dBm	-9.92 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 38 GHz	-47.29 dBm	-16.29 dB

10:54:26 AM 12/26/2024

Highest Band Edge / Full RB

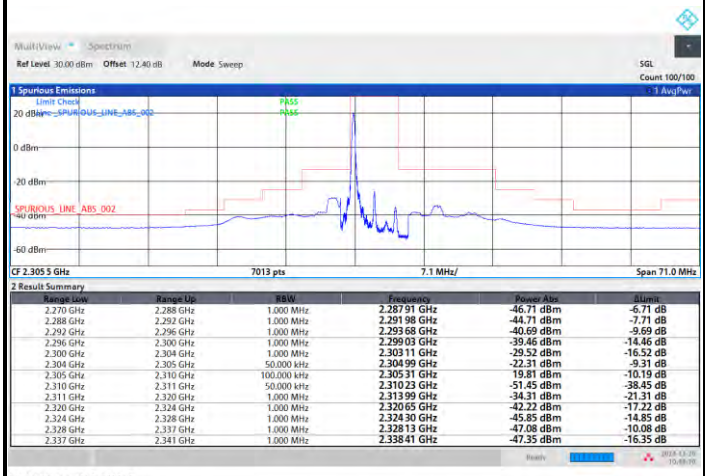


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 55 GHz	-47.19 dBm	-7.19 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 11 GHz	-46.41 dBm	-9.41 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-44.63 dBm	-13.63 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-39.94 dBm	-14.94 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.308 96 GHz	-26.65 dBm	-13.65 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.309 99 GHz	-24.33 dBm	-11.33 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.313 35 GHz	6.90 dBm	-23.10 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 02 GHz	-23.35 dBm	-10.35 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 06 GHz	-22.21 dBm	-9.21 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 30 GHz	-34.12 dBm	-9.12 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 34 GHz	-38.71 dBm	-7.71 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 13 GHz	-45.51 dBm	-8.51 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 50 GHz	-47.29 dBm	-16.29 dB

11:11:45 AM 12/26/2024

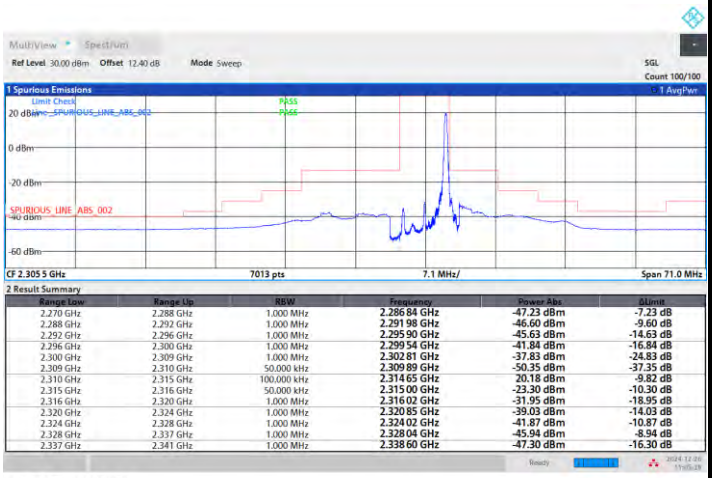
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



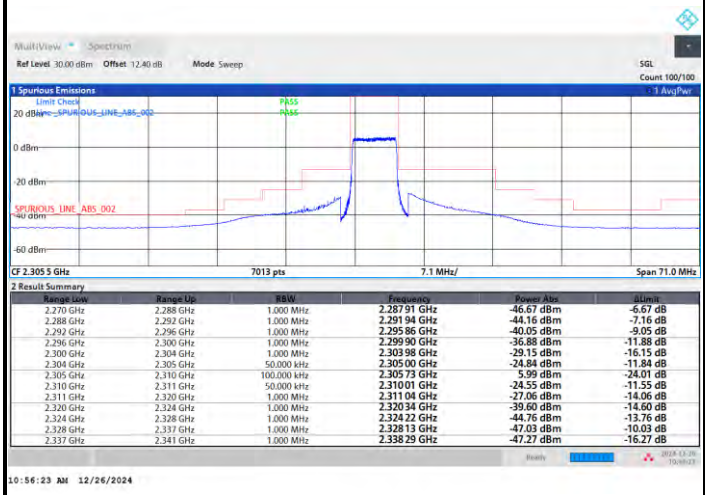
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.71 dBm	-6.71 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-44.71 dBm	-7.71 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 68 GHz	-40.69 dBm	-9.69 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 03 GHz	-39.46 dBm	-14.46 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 11 GHz	-29.52 dBm	-16.52 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.304 99 GHz	-22.31 dBm	-9.31 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.305 31 GHz	19.81 dBm	-10.19 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 23 GHz	-51.45 dBm	-38.45 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.313 99 GHz	-34.31 dBm	-21.31 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 65 GHz	-42.22 dBm	-17.22 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 30 GHz	-45.85 dBm	-14.85 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 13 GHz	-47.08 dBm	-10.08 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 41 GHz	-47.35 dBm	-16.35 dB

Highest Band Edge / 1 RB



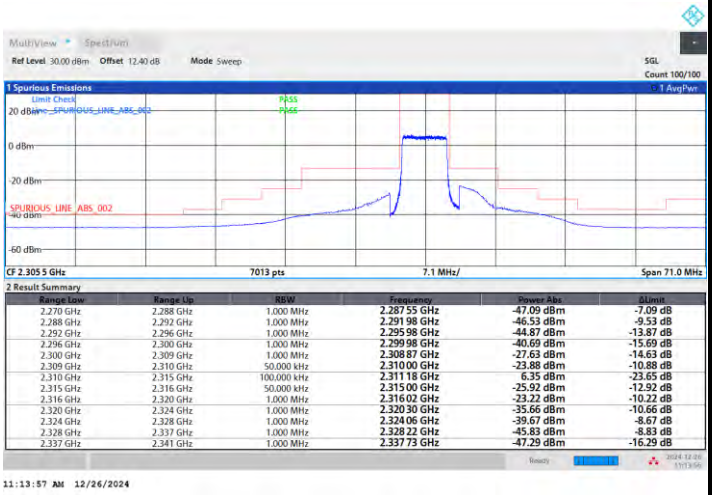
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.286 84 GHz	-47.23 dBm	-7.23 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-46.60 dBm	-9.60 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 90 GHz	-45.63 dBm	-14.63 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 54 GHz	-41.84 dBm	-16.84 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.302 81 GHz	-37.83 dBm	-24.83 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.309 89 GHz	-50.35 dBm	-37.35 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.314 65 GHz	20.18 dBm	-9.82 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-23.30 dBm	-10.30 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-31.95 dBm	-18.95 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 85 GHz	-39.03 dBm	-14.03 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-41.87 dBm	-10.87 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-45.94 dBm	-8.94 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 60 GHz	-47.30 dBm	-16.30 dB

Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.67 dBm	-6.67 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 94 GHz	-44.16 dBm	-7.16 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 86 GHz	-40.05 dBm	-9.05 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 90 GHz	-36.88 dBm	-11.88 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-29.15 dBm	-16.15 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-24.84 dBm	-11.84 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.305 73 GHz	5.99 dBm	-24.01 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 01 GHz	-24.55 dBm	-11.55 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.311 04 GHz	-27.06 dBm	-14.06 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 34 GHz	-39.60 dBm	-14.60 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 22 GHz	-44.76 dBm	-13.76 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 13 GHz	-47.03 dBm	-10.03 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 29 GHz	-47.27 dBm	-16.27 dB

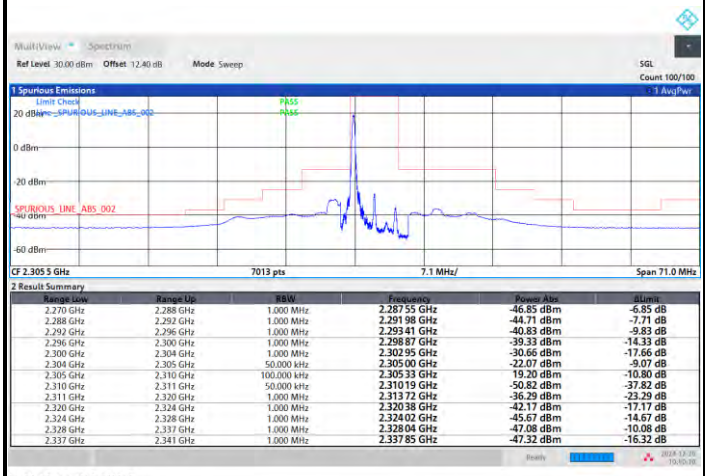
Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 55 GHz	-47.09 dBm	-7.09 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-46.53 dBm	-9.53 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-44.87 dBm	-13.87 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-40.69 dBm	-15.69 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.308 87 GHz	-27.63 dBm	-14.63 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.310 00 GHz	-23.88 dBm	-10.88 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.311 18 GHz	6.35 dBm	-23.65 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-25.92 dBm	-12.92 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-23.22 dBm	-10.22 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 30 GHz	-35.66 dBm	-10.66 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-39.67 dBm	-8.67 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 22 GHz	-45.83 dBm	-8.83 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 73 GHz	-47.29 dBm	-16.29 dB

LTE Band 30 / 5MHz / 64QAM

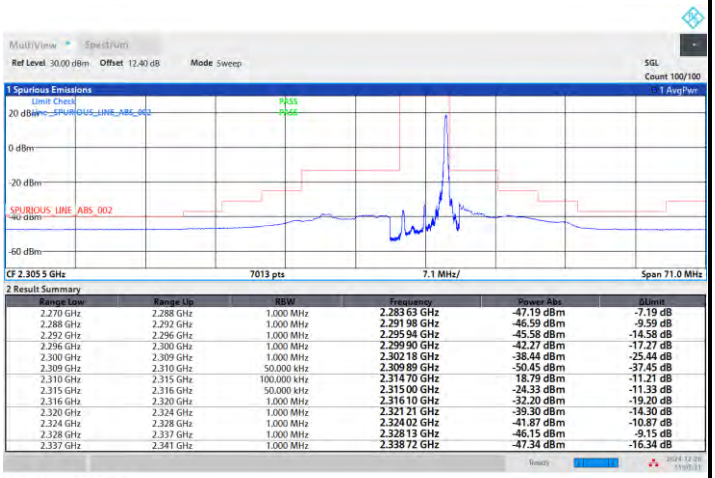
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 55 GHz	-46.85 dBm	-6.85 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-44.71 dBm	-7.71 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.293 41 GHz	-40.83 dBm	-9.83 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.298 87 GHz	-39.33 dBm	-14.33 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.302 95 GHz	-30.66 dBm	-17.66 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-22.07 dBm	-9.07 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.305 33 GHz	19.20 dBm	-10.80 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 19 GHz	-50.82 dBm	-37.82 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.313 72 GHz	-36.29 dBm	-23.29 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 38 GHz	-42.17 dBm	-17.17 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-45.67 dBm	-14.67 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-47.08 dBm	-10.08 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 85 GHz	-47.32 dBm	-16.32 dB

10:50:30 AM 12/26/2024

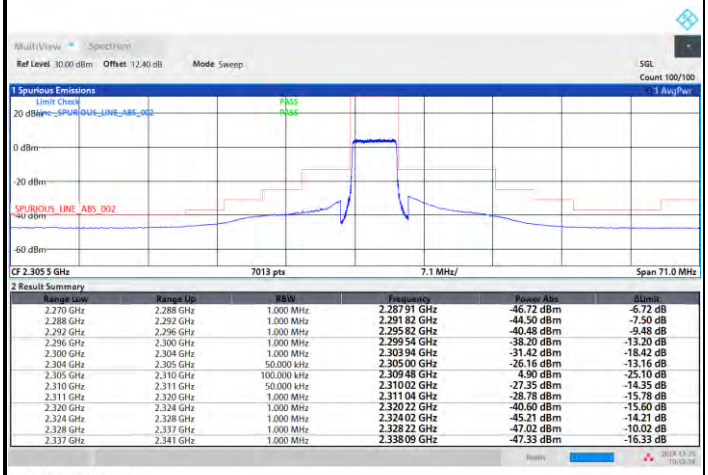
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.283 63 GHz	-47.19 dBm	-7.19 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-46.59 dBm	-9.59 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-45.58 dBm	-14.58 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 90 GHz	-42.27 dBm	-17.27 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.302 18 GHz	-38.44 dBm	-25.44 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.309 89 GHz	-50.45 dBm	-37.45 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.314 70 GHz	18.79 dBm	-11.21 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-24.33 dBm	-11.33 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 10 GHz	-32.20 dBm	-19.20 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.321 21 GHz	-39.30 dBm	-14.30 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-41.87 dBm	-10.87 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 13 GHz	-46.15 dBm	-9.15 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 72 GHz	-47.34 dBm	-16.34 dB

11:07:32 AM 12/26/2024

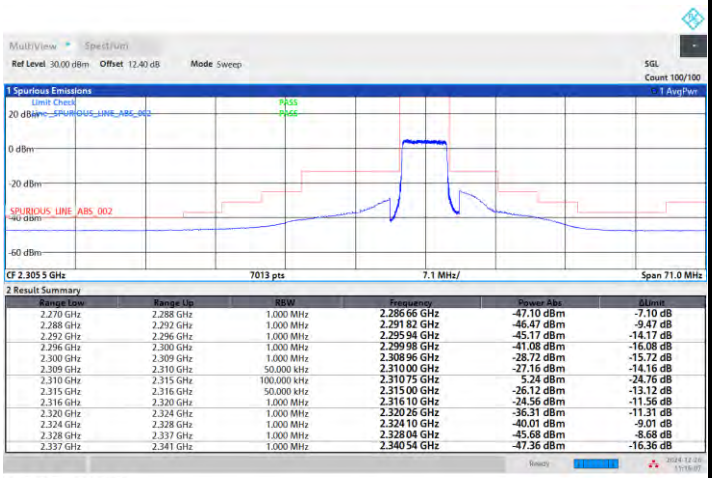
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.72 dBm	-6.72 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 82 GHz	-44.50 dBm	-7.50 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 82 GHz	-40.48 dBm	-9.48 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 54 GHz	-38.20 dBm	-13.20 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 94 GHz	-31.42 dBm	-18.42 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-26.16 dBm	-13.16 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.309 48 GHz	4.90 dBm	-25.10 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 02 GHz	-27.35 dBm	-14.35 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.311 04 GHz	-28.78 dBm	-15.78 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 22 GHz	-40.60 dBm	-15.60 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-45.21 dBm	-14.21 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 22 GHz	-47.02 dBm	-10.02 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 09 GHz	-47.33 dBm	-16.33 dB

10:58:34 AM 12/26/2024

Highest Band Edge / Full RB

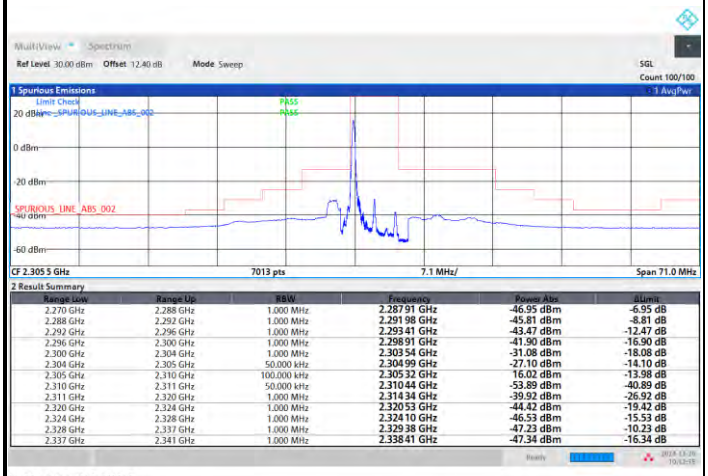


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.286 66 GHz	-47.10 dBm	-7.10 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 82 GHz	-46.47 dBm	-9.47 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-45.17 dBm	-14.17 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-41.08 dBm	-16.08 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.308 96 GHz	-28.72 dBm	-15.72 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.310 00 GHz	-27.16 dBm	-14.16 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.310 75 GHz	5.24 dBm	-24.76 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-26.12 dBm	-13.12 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 10 GHz	-24.56 dBm	-11.56 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 26 GHz	-36.31 dBm	-11.31 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 10 GHz	-40.01 dBm	-9.01 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-45.68 dBm	-8.68 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.340 54 GHz	-47.36 dBm	-16.36 dB

11:16:08 AM 12/26/2024

LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

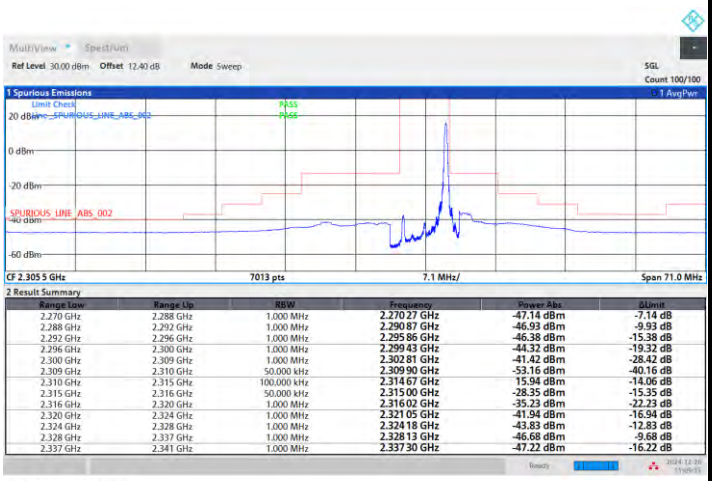


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.95 dBm	-6.95 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-45.81 dBm	-8.81 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.293 41 GHz	-43.47 dBm	-12.47 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.298 91 GHz	-41.90 dBm	-16.90 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 54 GHz	-31.08 dBm	-18.08 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.304 99 GHz	-27.10 dBm	-14.10 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.305 32 GHz	16.02 dBm	-13.98 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 44 GHz	-53.89 dBm	-40.89 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.314 34 GHz	-39.92 dBm	-26.92 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 53 GHz	-44.42 dBm	-19.42 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 10 GHz	-46.53 dBm	-15.53 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.329 38 GHz	-47.23 dBm	-10.23 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 41 GHz	-47.34 dBm	-16.34 dB

10:52:36 AM 12/26/2024

Highest Band Edge / 1 RB

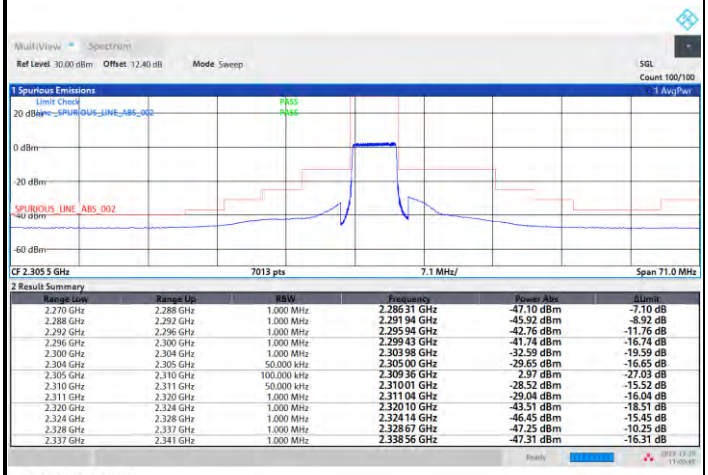


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.270 27 GHz	-47.14 dBm	-7.14 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.290 87 GHz	-46.93 dBm	-9.93 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 86 GHz	-46.38 dBm	-15.38 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 43 GHz	-44.32 dBm	-19.32 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.302 81 GHz	-41.42 dBm	-28.42 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.309 90 GHz	-53.16 dBm	-40.16 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.314 67 GHz	15.94 dBm	-14.06 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 00 GHz	-28.35 dBm	-15.35 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-35.23 dBm	-22.23 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.321 05 GHz	-41.94 dBm	-16.94 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 18 GHz	-43.83 dBm	-12.83 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 13 GHz	-46.68 dBm	-9.68 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 30 GHz	-47.22 dBm	-16.22 dB

11:09:36 AM 12/26/2024

Lowest Band Edge / Full RB

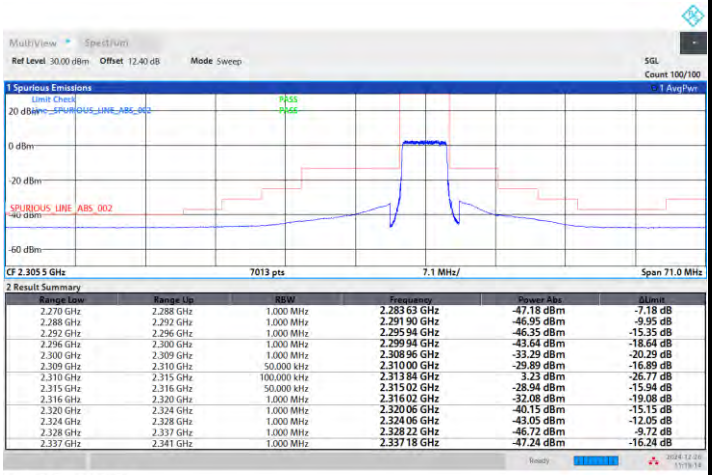


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.286 31 GHz	-47.10 dBm	-7.10 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 94 GHz	-45.92 dBm	-8.92 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-42.76 dBm	-11.76 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 43 GHz	-41.74 dBm	-16.74 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-32.59 dBm	-19.59 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.305 00 GHz	-29.65 dBm	-16.65 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.309 36 GHz	2.97 dBm	-27.03 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.310 01 GHz	-28.52 dBm	-15.52 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.311 04 GHz	-29.04 dBm	-16.04 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 10 GHz	-43.51 dBm	-18.51 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 14 GHz	-46.45 dBm	-15.45 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 67 GHz	-47.25 dBm	-10.25 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 56 GHz	-47.31 dBm	-16.31 dB

11:00:45 AM 12/26/2024

Highest Band Edge / Full RB



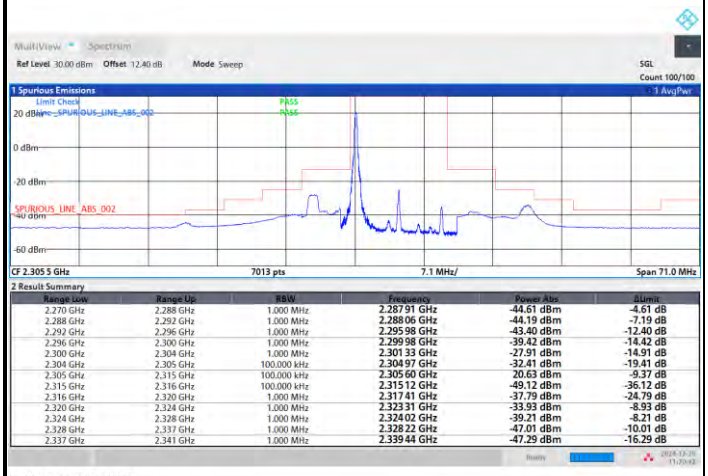
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.283 63 GHz	-47.18 dBm	-7.18 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 90 GHz	-46.95 dBm	-9.95 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-46.35 dBm	-15.35 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 94 GHz	-43.64 dBm	-18.64 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.308 96 GHz	-33.29 dBm	-20.29 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.310 00 GHz	-29.89 dBm	-16.89 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.313 84 GHz	3.23 dBm	-26.77 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.315 02 GHz	-28.94 dBm	-15.94 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-32.08 dBm	-19.08 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 06 GHz	-40.15 dBm	-15.15 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-43.05 dBm	-12.05 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 22 GHz	-46.72 dBm	-9.72 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 18 GHz	-47.24 dBm	-16.24 dB

11:18:15 AM 12/26/2024

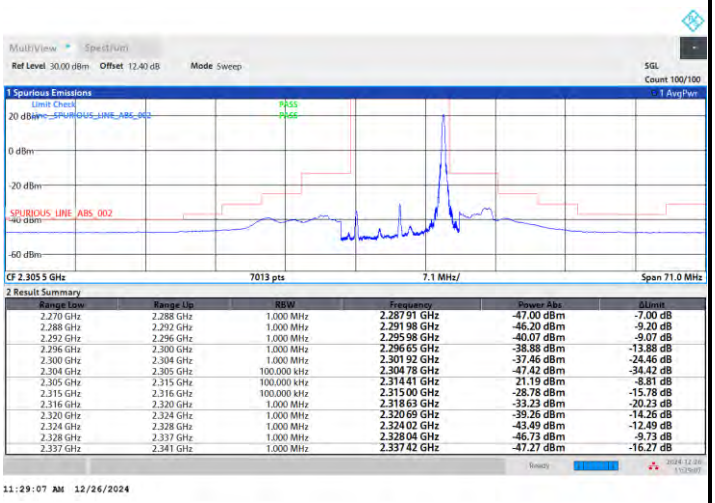
LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1 RB



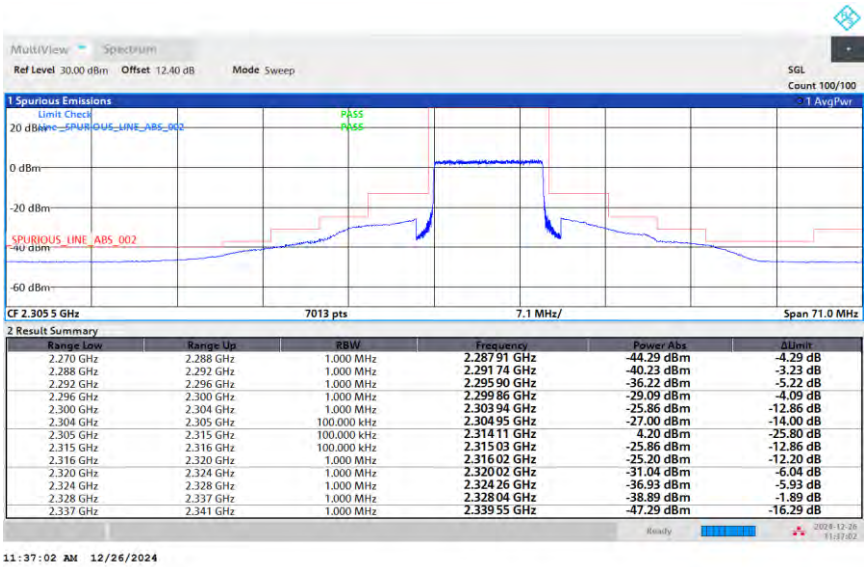
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-44.61 dBm	-4.61 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.288 06 GHz	-44.19 dBm	-7.19 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-43.40 dBm	-12.40 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-39.42 dBm	-14.42 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 33 GHz	-27.91 dBm	-14.91 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 97 GHz	-32.41 dBm	-19.41 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.305 60 GHz	20.63 dBm	-9.37 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 12 GHz	-49.12 dBm	-36.12 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.317 41 GHz	-37.79 dBm	-24.79 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.323 31 GHz	-33.93 dBm	-8.93 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-39.21 dBm	-8.21 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 22 GHz	-47.01 dBm	-10.01 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.339 44 GHz	-47.29 dBm	-16.29 dB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-47.00 dBm	-7.00 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-46.20 dBm	-9.20 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-40.07 dBm	-9.07 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.296 65 GHz	-38.88 dBm	-13.88 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 92 GHz	-37.46 dBm	-24.46 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 78 GHz	-47.42 dBm	-34.42 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.314 41 GHz	21.19 dBm	-8.81 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 00 GHz	-28.78 dBm	-15.78 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.318 63 GHz	-33.23 dBm	-20.23 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 69 GHz	-39.26 dBm	-14.26 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-43.49 dBm	-12.49 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-46.73 dBm	-9.73 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 42 GHz	-47.27 dBm	-16.27 dB

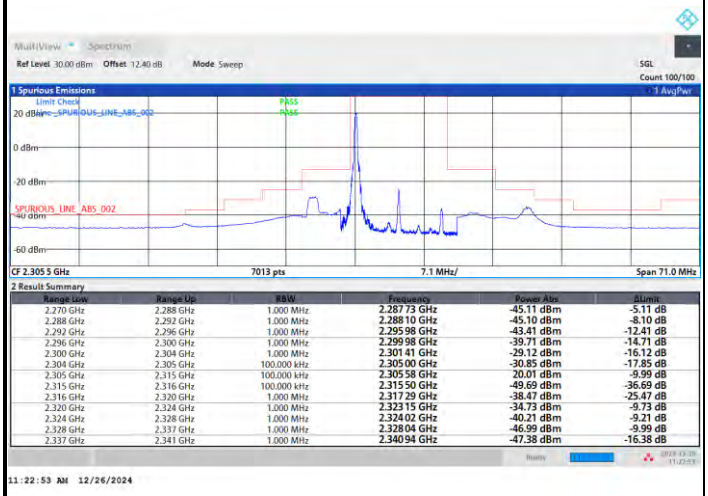
Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-44.29 dBm	-4.29 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 74 GHz	-40.23 dBm	-3.23 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 90 GHz	-36.22 dBm	-5.22 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 86 GHz	-29.09 dBm	-4.09 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 94 GHz	-25.86 dBm	-12.86 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 95 GHz	-27.00 dBm	-14.00 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.314 11 GHz	4.20 dBm	-25.80 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 03 GHz	-25.86 dBm	-12.86 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-25.20 dBm	-12.20 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 02 GHz	-31.04 dBm	-6.04 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 26 GHz	-36.93 dBm	-5.93 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-38.89 dBm	-1.89 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.339 55 GHz	-47.29 dBm	-16.29 dB

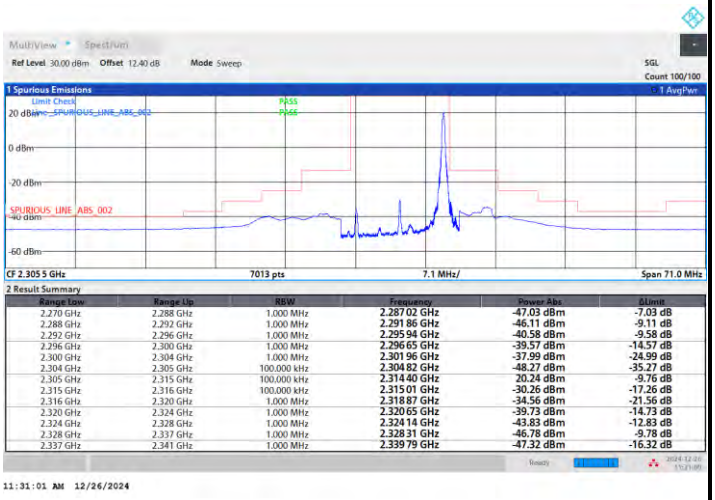
LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



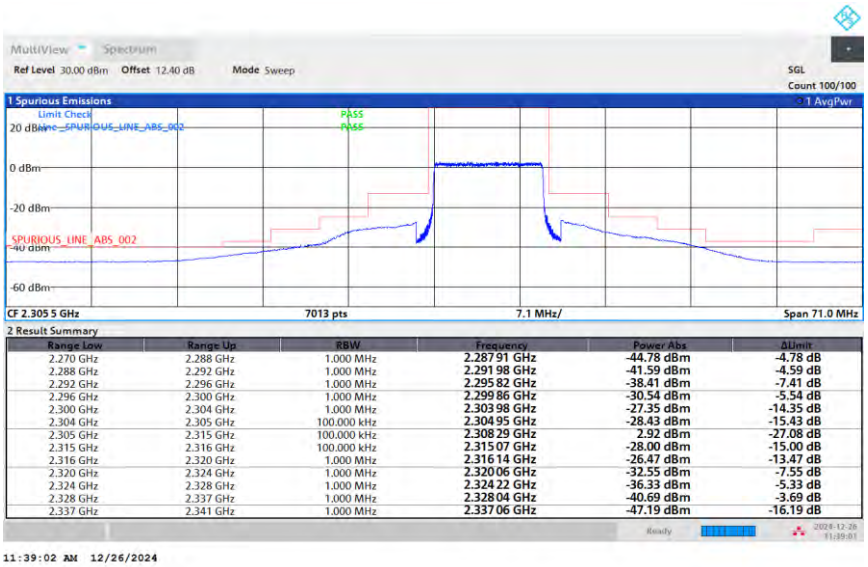
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 73 GHz	-45.11 dBm	-5.11 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.288 10 GHz	-45.10 dBm	-8.10 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-43.41 dBm	-12.41 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-39.71 dBm	-14.71 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 41 GHz	-29.12 dBm	-16.12 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.305 00 GHz	-30.85 dBm	-17.85 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.305 58 GHz	20.01 dBm	-9.99 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 50 GHz	-49.69 dBm	-36.69 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.317 29 GHz	-38.47 dBm	-25.47 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.323 15 GHz	-34.73 dBm	-9.73 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-40.21 dBm	-9.21 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-46.99 dBm	-9.99 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.340 94 GHz	-47.38 dBm	-16.38 dB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 02 GHz	-47.03 dBm	-7.03 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 86 GHz	-46.11 dBm	-9.11 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 94 GHz	-40.58 dBm	-9.58 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.296 65 GHz	-39.57 dBm	-14.57 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 96 GHz	-37.99 dBm	-24.99 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 82 GHz	-48.27 dBm	-35.27 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.314 40 GHz	20.24 dBm	-9.76 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 01 GHz	-30.26 dBm	-17.26 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.318 87 GHz	-34.56 dBm	-21.56 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 65 GHz	-39.73 dBm	-14.73 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 14 GHz	-43.83 dBm	-12.83 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 31 GHz	-46.78 dBm	-9.78 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.339 79 GHz	-47.32 dBm	-16.32 dB

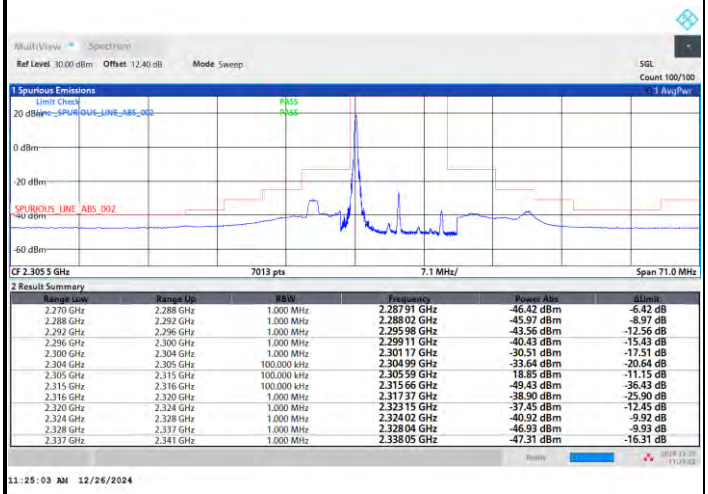
Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-44.78 dBm	-4.78 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-41.59 dBm	-4.59 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 82 GHz	-38.41 dBm	-7.41 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 86 GHz	-30.54 dBm	-5.54 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-27.35 dBm	-14.35 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 95 GHz	-28.43 dBm	-15.43 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.308 29 GHz	2.92 dBm	-27.08 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 07 GHz	-28.00 dBm	-15.00 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 14 GHz	-26.47 dBm	-13.47 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 06 GHz	-32.55 dBm	-7.55 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 22 GHz	-36.33 dBm	-5.33 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-40.69 dBm	-3.69 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 06 GHz	-47.19 dBm	-16.19 dB

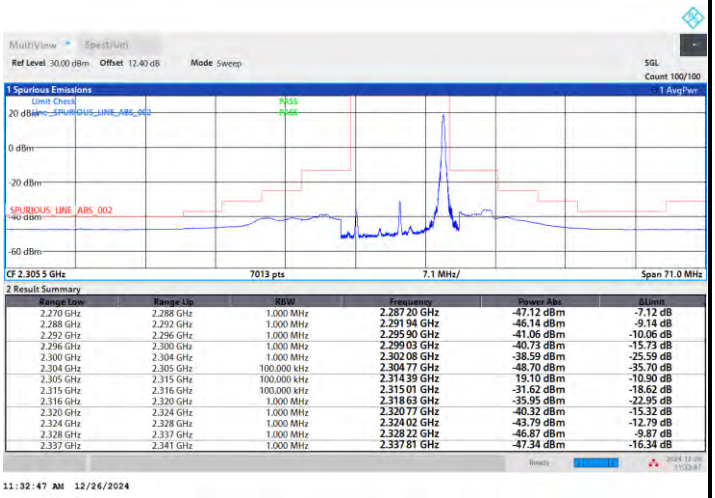
LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



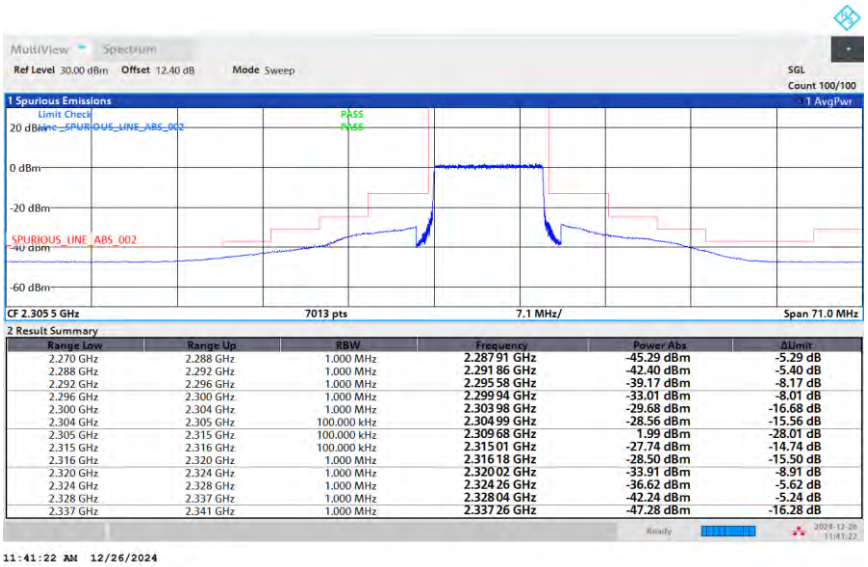
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.42 dBm	-6.42 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.288 02 GHz	-45.97 dBm	-8.97 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-43.56 dBm	-12.56 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 11 GHz	-40.43 dBm	-15.43 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 17 GHz	-30.51 dBm	-17.51 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 99 GHz	-33.64 dBm	-20.64 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.305 59 GHz	18.85 dBm	-11.15 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 66 GHz	-49.43 dBm	-36.43 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.317 37 GHz	-38.90 dBm	-25.90 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.323 15 GHz	-37.45 dBm	-12.45 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-40.92 dBm	-9.92 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-46.93 dBm	-9.93 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.338 05 GHz	-47.31 dBm	-16.31 dB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 20 GHz	-47.12 dBm	-7.12 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 94 GHz	-46.14 dBm	-9.14 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 90 GHz	-41.06 dBm	-10.06 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 03 GHz	-40.73 dBm	-15.73 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.302 08 GHz	-38.59 dBm	-25.59 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 77 GHz	-48.70 dBm	-35.70 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.314 39 GHz	19.10 dBm	-10.90 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 01 GHz	-31.62 dBm	-18.62 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.318 63 GHz	-35.95 dBm	-22.95 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 77 GHz	-40.32 dBm	-15.32 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 02 GHz	-43.79 dBm	-12.79 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 22 GHz	-46.87 dBm	-9.87 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 81 GHz	-47.34 dBm	-16.34 dB

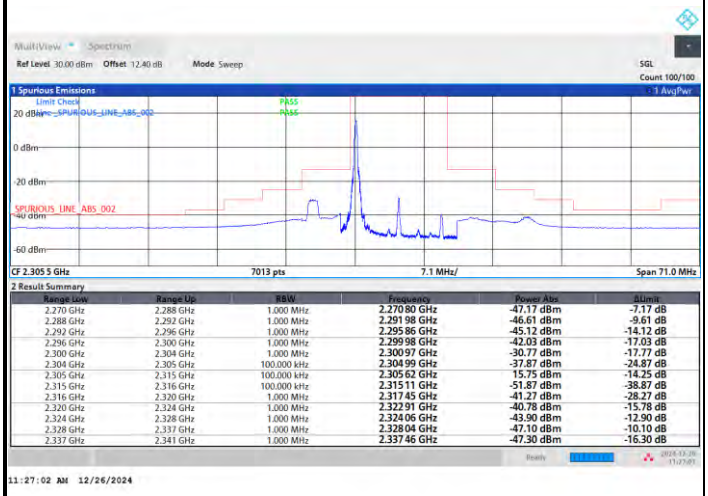
Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-45.29 dBm	-5.29 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 86 GHz	-42.40 dBm	-5.40 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 58 GHz	-39.17 dBm	-8.17 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 94 GHz	-33.01 dBm	-8.01 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-29.68 dBm	-16.68 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 99 GHz	-28.56 dBm	-15.56 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.309 68 GHz	1.99 dBm	-28.01 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 01 GHz	-27.74 dBm	-14.74 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 18 GHz	-28.50 dBm	-15.50 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 02 GHz	-33.91 dBm	-8.91 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 26 GHz	-36.62 dBm	-5.62 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-42.24 dBm	-5.24 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 26 GHz	-47.28 dBm	-16.28 dB

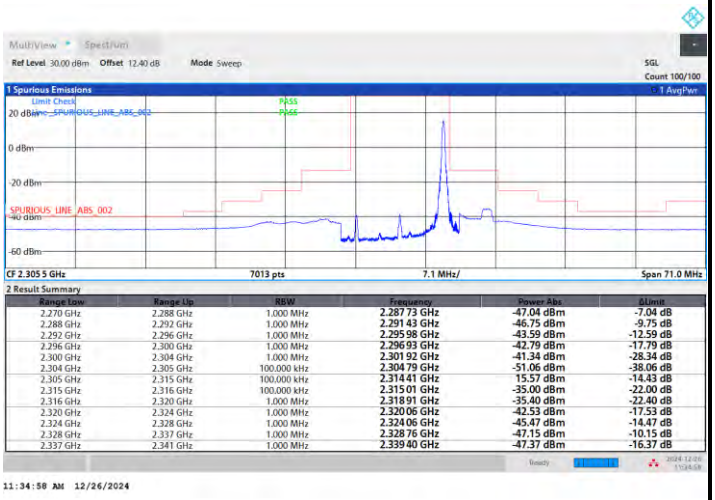
LTE Band 30 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



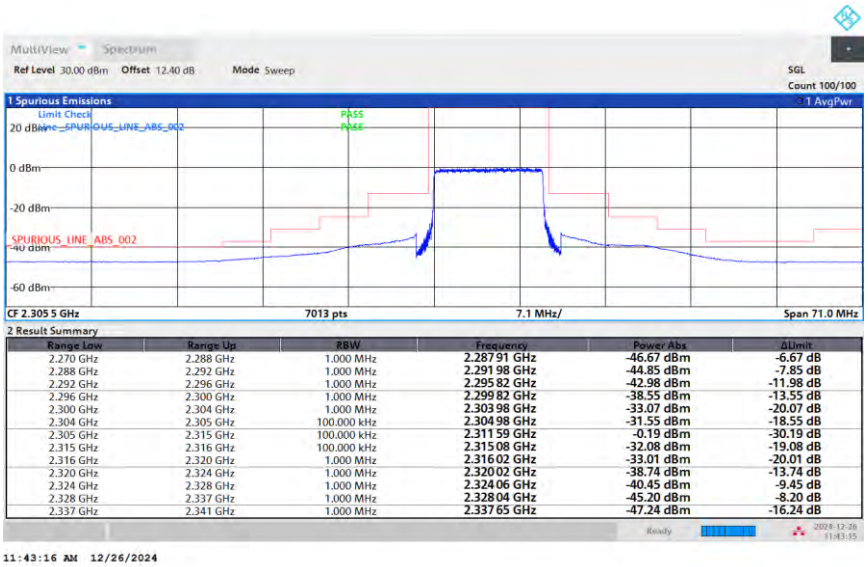
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.270 80 GHz	-47.17 dBm	-7.17 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-46.61 dBm	-9.61 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 86 GHz	-45.12 dBm	-14.12 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 98 GHz	-42.03 dBm	-17.03 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.300 97 GHz	-30.77 dBm	-17.77 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 99 GHz	-37.87 dBm	-24.87 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.305 62 GHz	15.75 dBm	-14.25 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 11 GHz	-51.87 dBm	-38.87 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.317 45 GHz	-41.27 dBm	-28.27 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.322 91 GHz	-40.78 dBm	-15.78 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-43.90 dBm	-12.90 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-47.10 dBm	-10.10 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 46 GHz	-47.30 dBm	-16.30 dB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 73 GHz	-47.04 dBm	-7.04 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 43 GHz	-46.75 dBm	-9.75 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 98 GHz	-43.59 dBm	-12.59 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.296 93 GHz	-42.79 dBm	-17.79 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.301 92 GHz	-41.34 dBm	-28.34 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 79 GHz	-51.06 dBm	-38.06 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.314 41 GHz	15.57 dBm	-14.43 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 01 GHz	-35.00 dBm	-22.00 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.318 91 GHz	-35.40 dBm	-22.40 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 06 GHz	-42.53 dBm	-17.53 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-45.47 dBm	-14.47 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 76 GHz	-47.15 dBm	-10.15 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.339 40 GHz	-47.37 dBm	-16.37 dB

Band Edge / Full RB

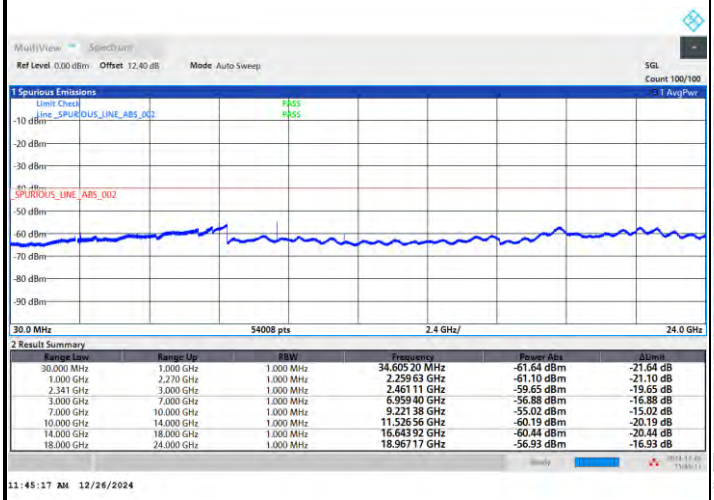


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.270 GHz	2.288 GHz	1.000 MHz	2.287 91 GHz	-46.67 dBm	-6.67 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.291 98 GHz	-44.85 dBm	-7.85 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.295 82 GHz	-42.98 dBm	-11.98 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.299 82 GHz	-38.55 dBm	-13.55 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.303 98 GHz	-33.07 dBm	-20.07 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.304 98 GHz	-31.55 dBm	-18.55 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.311 59 GHz	-0.19 dBm	-30.19 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.315 08 GHz	-32.08 dBm	-19.08 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.316 02 GHz	-33.01 dBm	-20.01 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.320 02 GHz	-38.74 dBm	-13.74 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.324 06 GHz	-40.45 dBm	-9.45 dB
2.328 GHz	2.337 GHz	1.000 MHz	2.328 04 GHz	-45.20 dBm	-8.20 dB
2.337 GHz	2.341 GHz	1.000 MHz	2.337 65 GHz	-47.24 dBm	-16.24 dB

Conducted Spurious Emission

LTE Band 30 / 5MHz

Lowest Channel / QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.605 20 MHz	-61.64 dBm	-21.64 dB
1.000 GHz	2.270 GHz	1.000 MHz	2.259 63 GHz	-61.10 dBm	-21.10 dB
2.341 GHz	3.000 GHz	1.000 MHz	2.461 11 GHz	-59.65 dBm	-19.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.959 40 GHz	-56.88 dBm	-16.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.221 38 GHz	-55.02 dBm	-15.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.526 56 GHz	-60.19 dBm	-20.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.643 92 GHz	-60.44 dBm	-20.44 dB
18.000 GHz	24.000 GHz	1.000 MHz	18.967 17 GHz	-56.93 dBm	-16.93 dB

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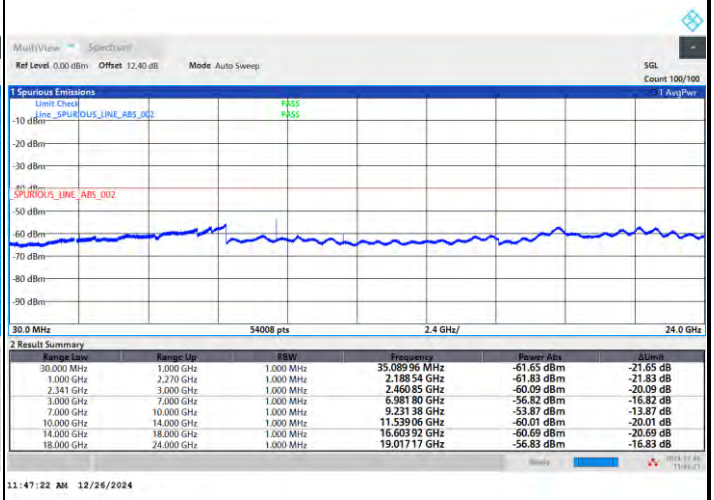
Middle Channel / QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	35.089 96 MHz	-61.65 dBm	-21.65 dB
1.000 GHz	2.270 GHz	1.000 MHz	2.188 54 GHz	-61.83 dBm	-21.83 dB
2.341 GHz	3.000 GHz	1.000 MHz	2.460 85 GHz	-60.09 dBm	-20.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.981 80 GHz	-56.82 dBm	-16.82 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.231 38 GHz	-53.87 dBm	-13.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.539 06 GHz	-60.01 dBm	-20.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.603 92 GHz	-60.69 dBm	-20.69 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.017 17 GHz	-56.83 dBm	-16.83 dB

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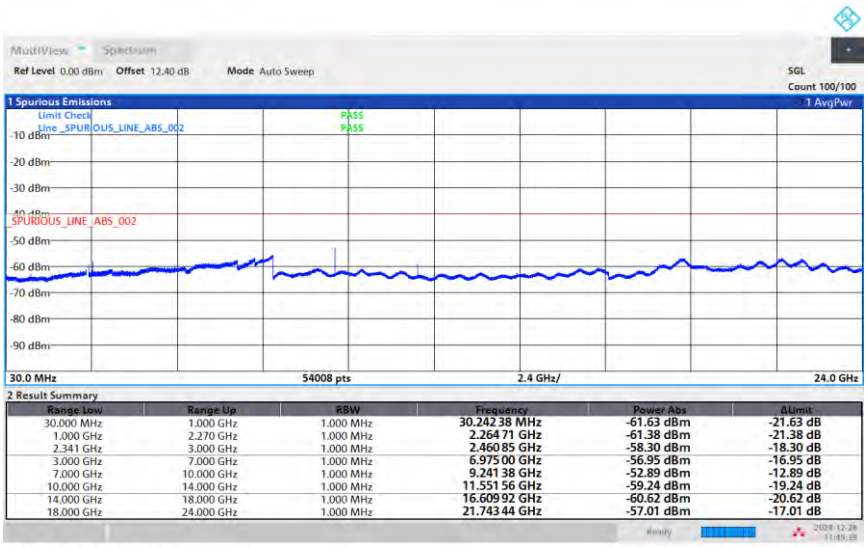
Highest Channel / QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	30.242 38 MHz	-61.63 dBm	-21.63 dB
1.000 GHz	2.270 GHz	1.000 MHz	2.264 71 GHz	-61.38 dBm	-21.38 dB
2.341 GHz	3.000 GHz	1.000 MHz	2.460 85 GHz	-58.30 dBm	-18.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.975 00 GHz	-56.95 dBm	-16.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.241 38 GHz	-52.89 dBm	-12.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.551 56 GHz	-59.24 dBm	-19.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.609 92 GHz	-60.62 dBm	-20.62 dB
18.000 GHz	24.000 GHz	1.000 MHz	21.743 44 GHz	-57.01 dBm	-17.01 dB

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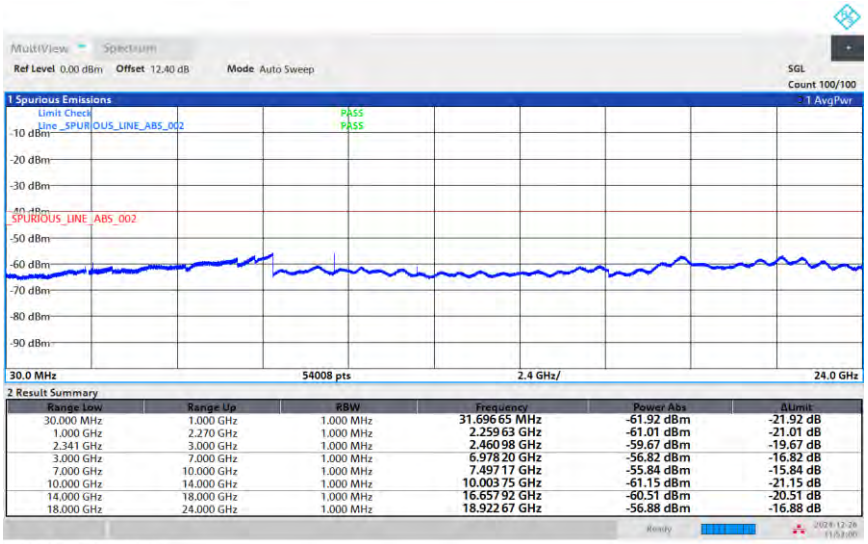
LTE Band 30 / 10MHz
Middle Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0003	

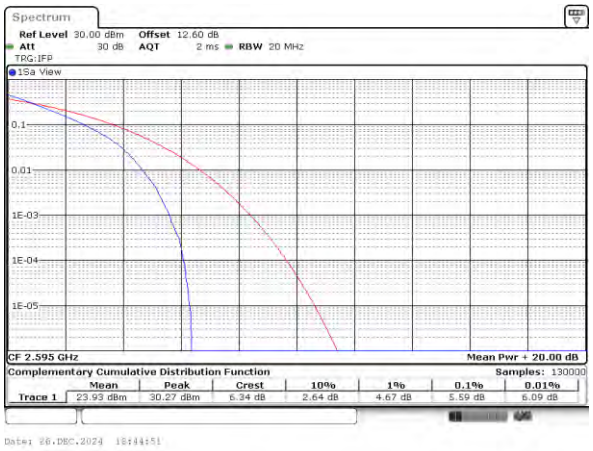
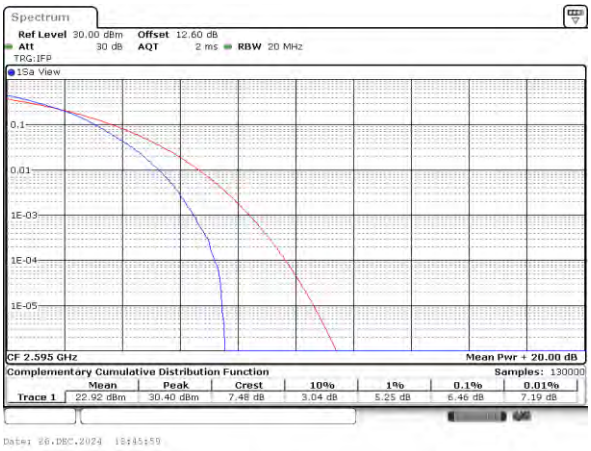
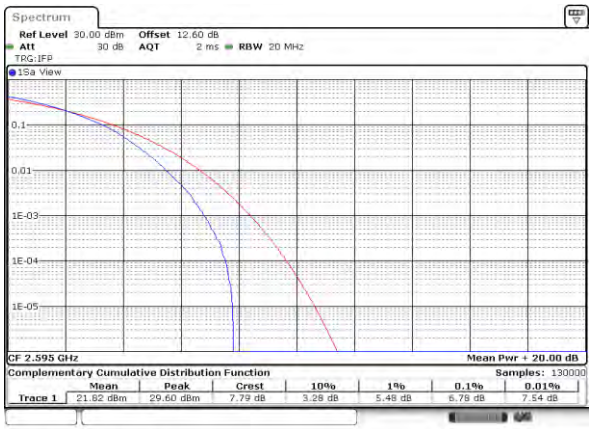
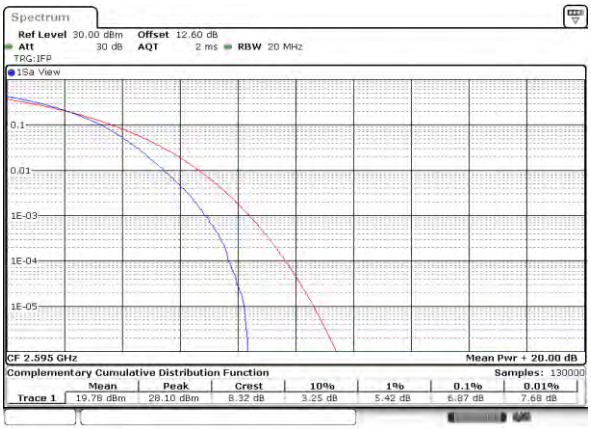
Note:

1. Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.59	6.46	6.78	6.87	PASS

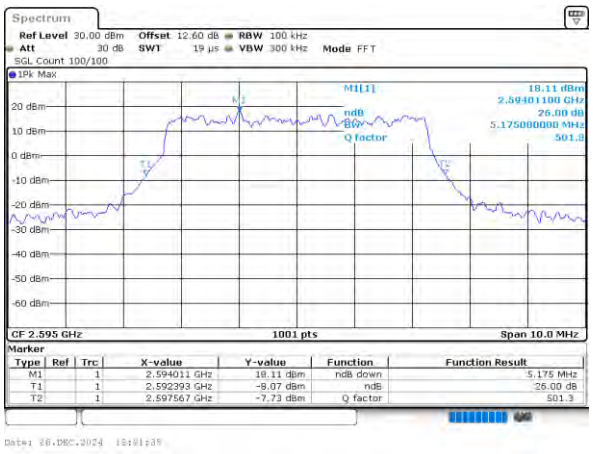
LTE Band 38 / 20MHz / QPSK	LTE Band 38 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 38 / 20MHz / 64QAM	LTE Band 38 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

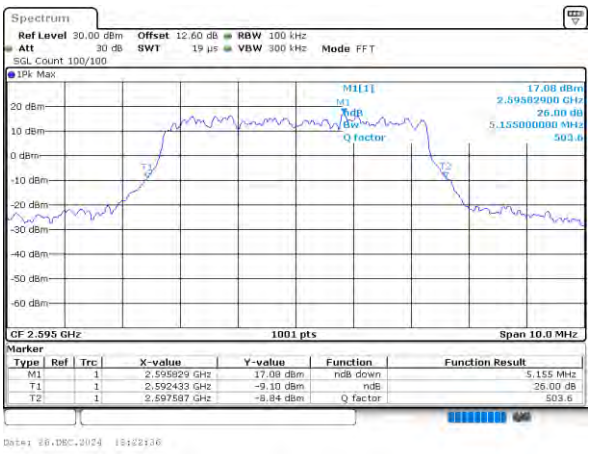
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.17	5.15	9.61	9.91	14.23	14.65	19.38	18.94
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.29	4.84	9.63	10.37	14.23	14.95	18.98	19.42

LTE Band 38

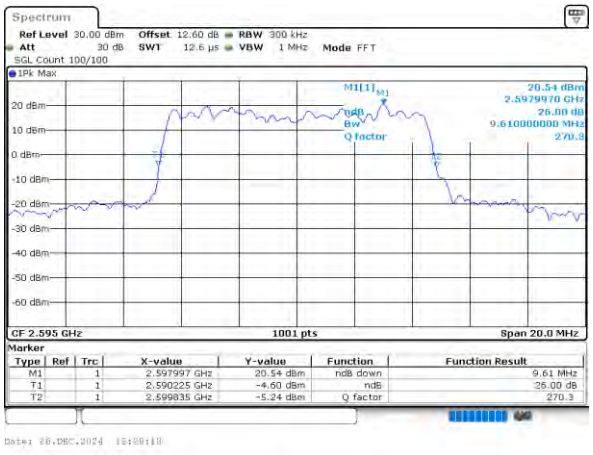
Middle Channel / 5MHz / QPSK



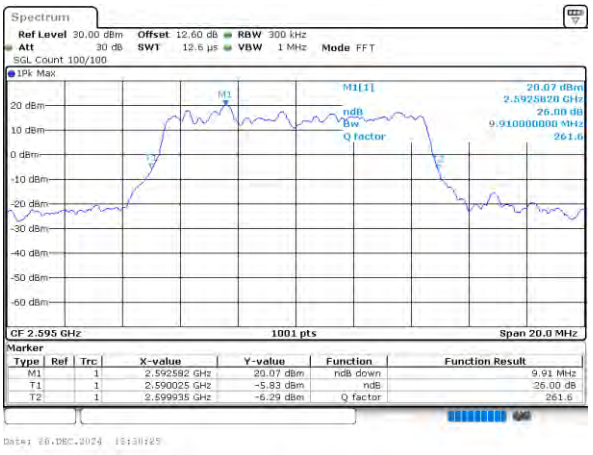
Middle Channel / 5MHz / 16QAM



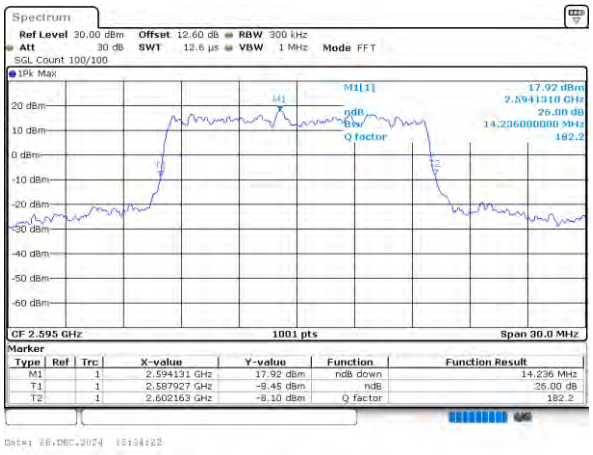
Middle Channel / 10MHz / QPSK



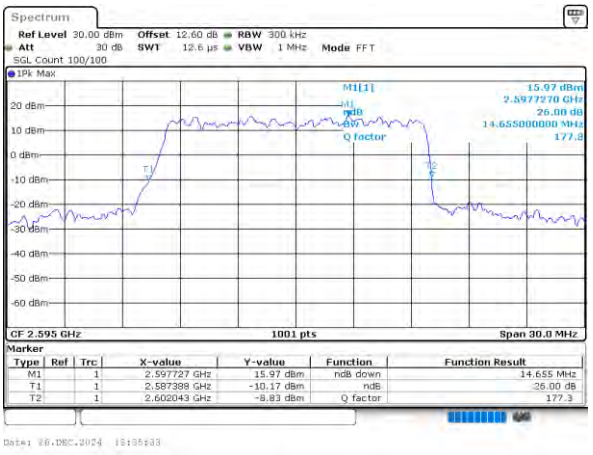
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

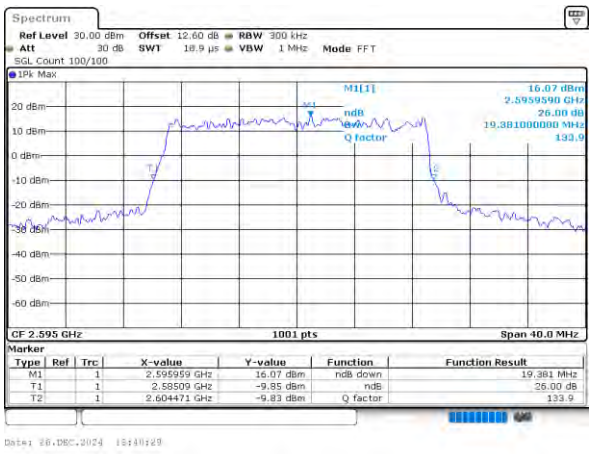


Middle Channel / 15MHz / 16QAM

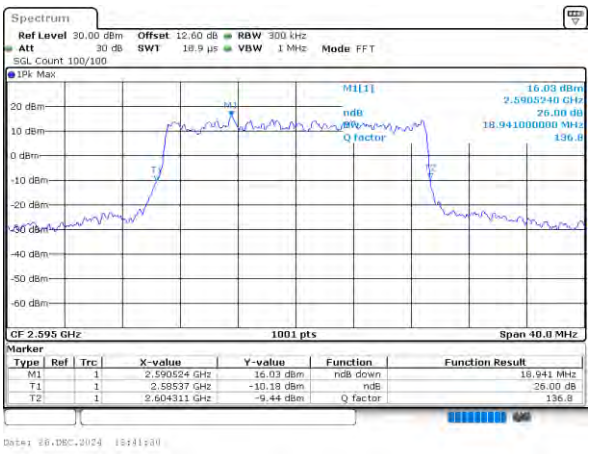


LTE Band 38

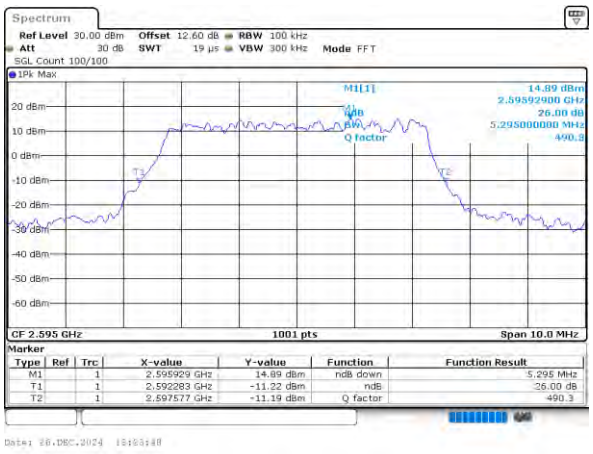
Middle Channel / 20MHz / QPSK



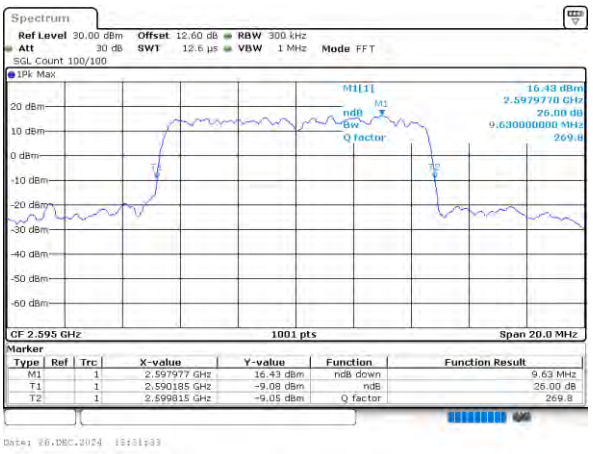
Middle Channel / 20MHz / 16QAM



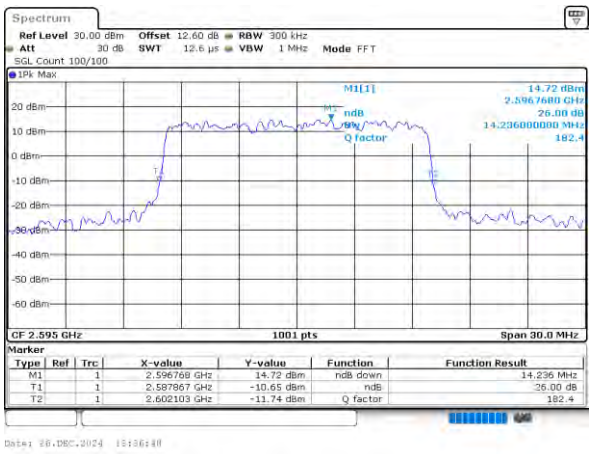
Middle Channel / 5MHz / 64QAM



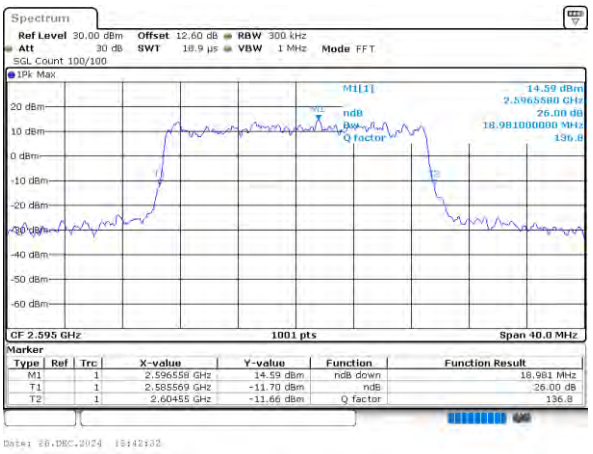
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

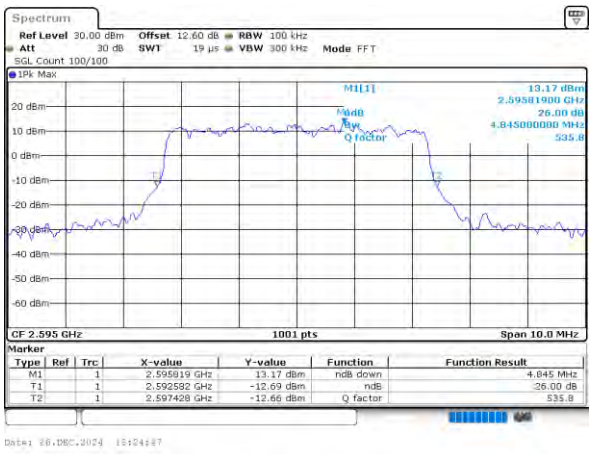


Middle Channel / 20MHz / 64QAM

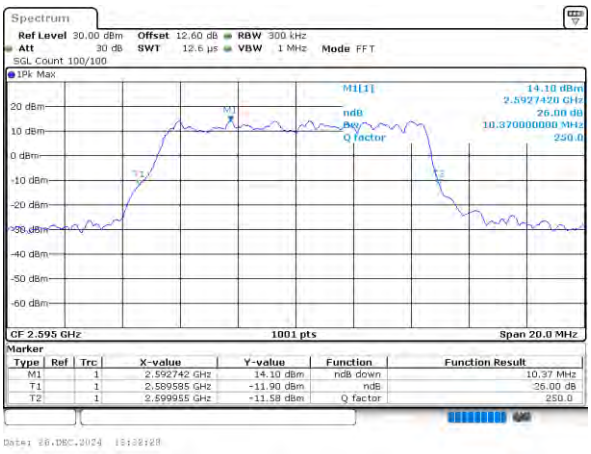


LTE Band 38

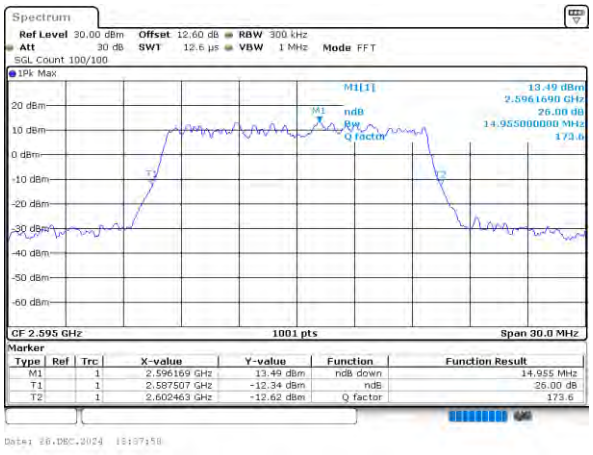
Middle Channel / 5MHz / 256QAM



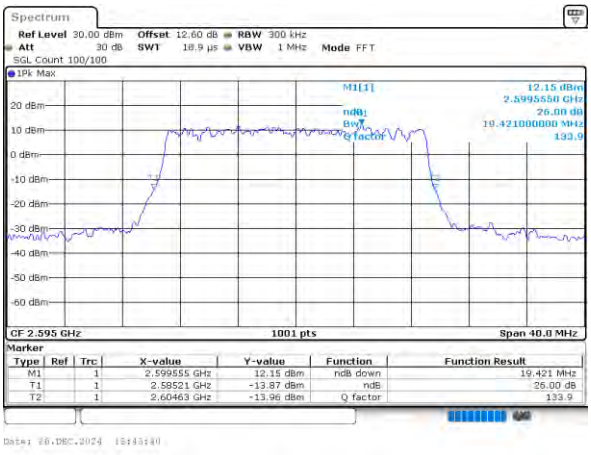
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

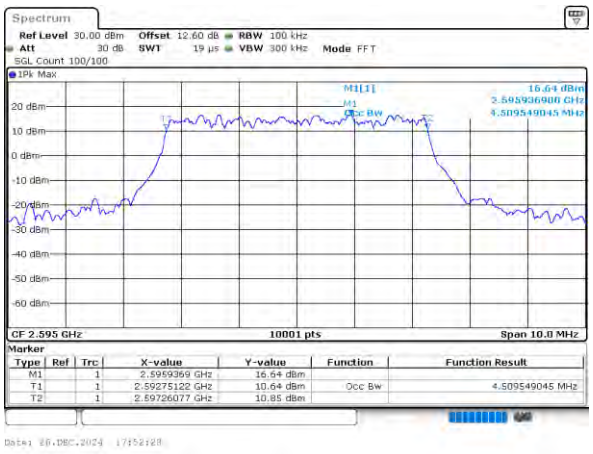


Occupied Bandwidth

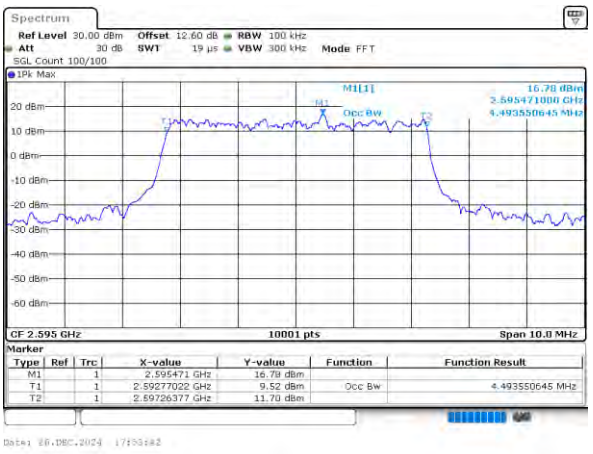
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.49	9.04	9.03	13.38	13.42	17.75	17.95
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.47	4.48	9.05	9.08	13.41	13.38	17.88	17.88

LTE Band 38

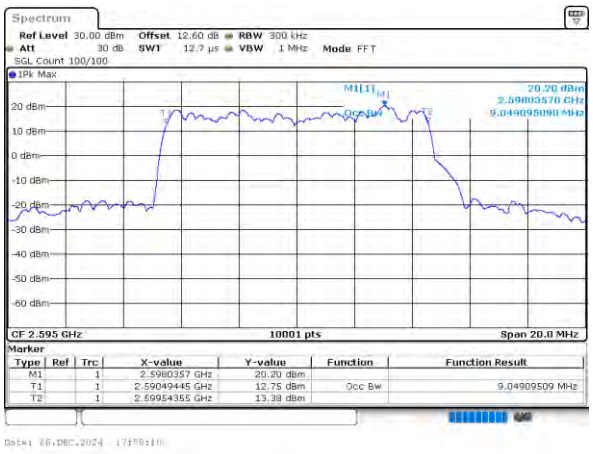
Middle Channel / 5MHz / QPSK



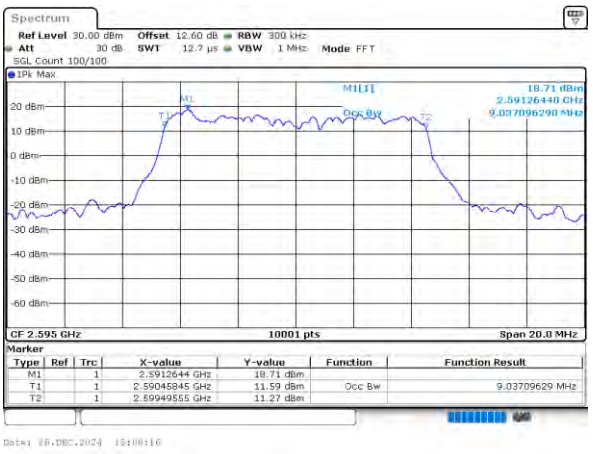
Middle Channel / 5MHz / 16QAM



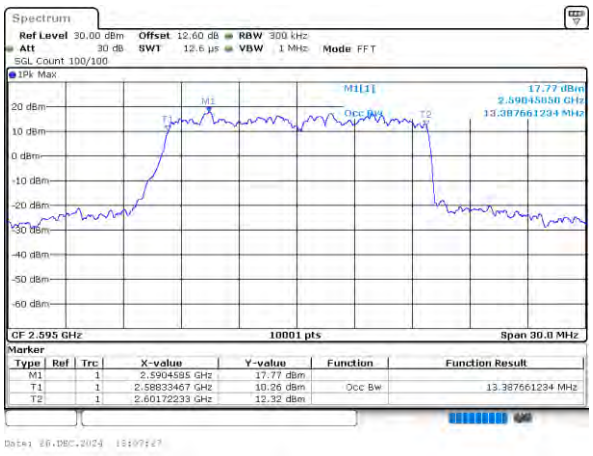
Middle Channel / 10MHz / QPSK



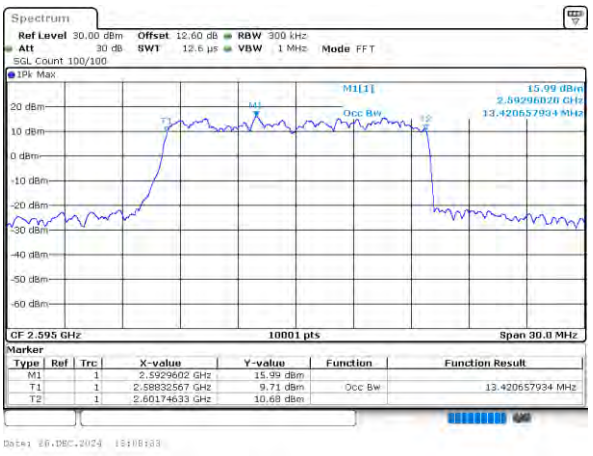
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

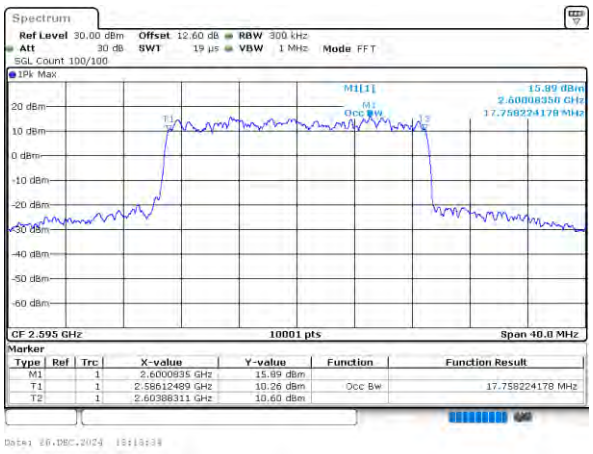


Middle Channel / 15MHz / 16QAM

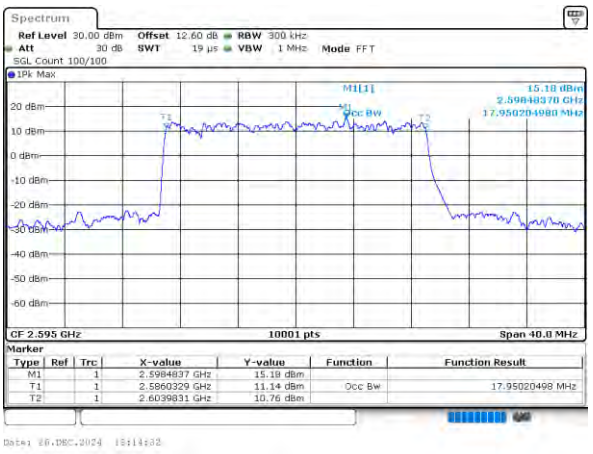


LTE Band 38

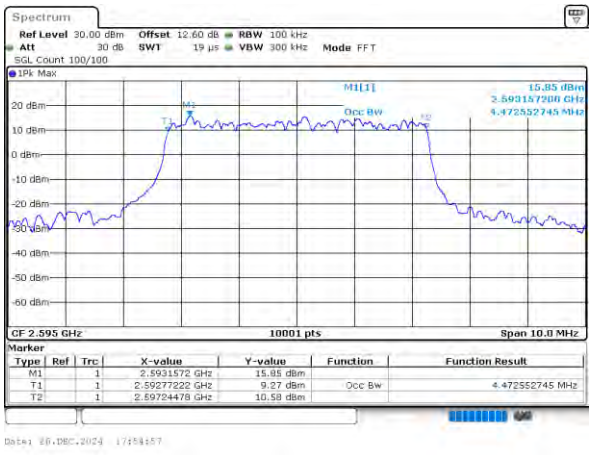
Middle Channel / 20MHz / QPSK



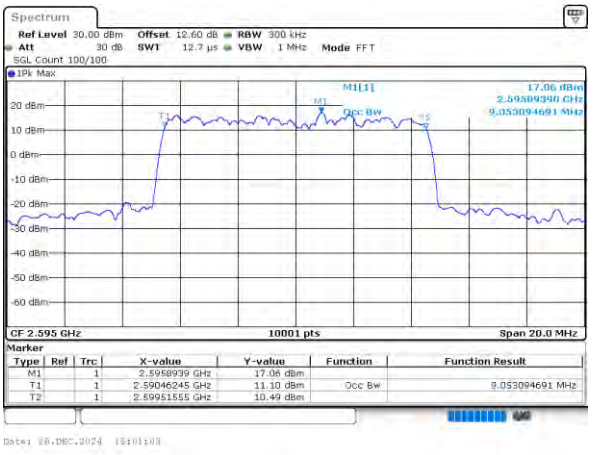
Middle Channel / 20MHz / 16QAM



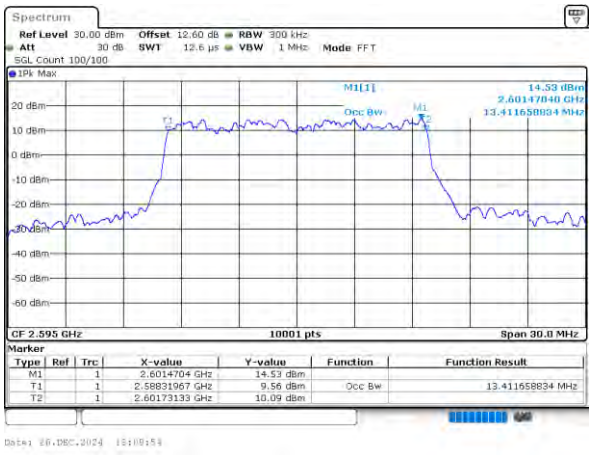
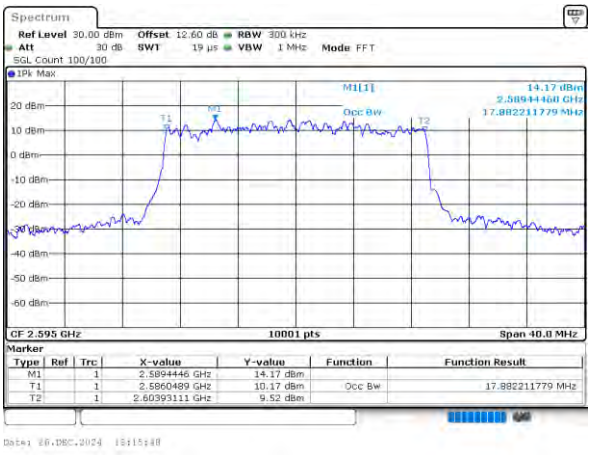
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM