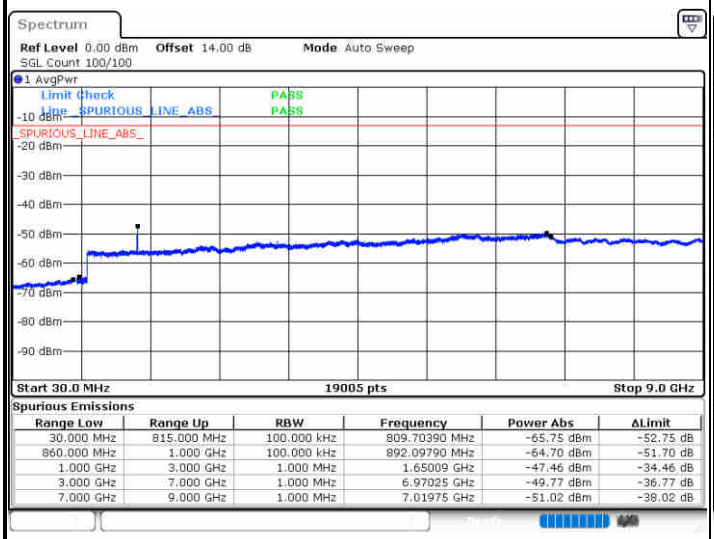
LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

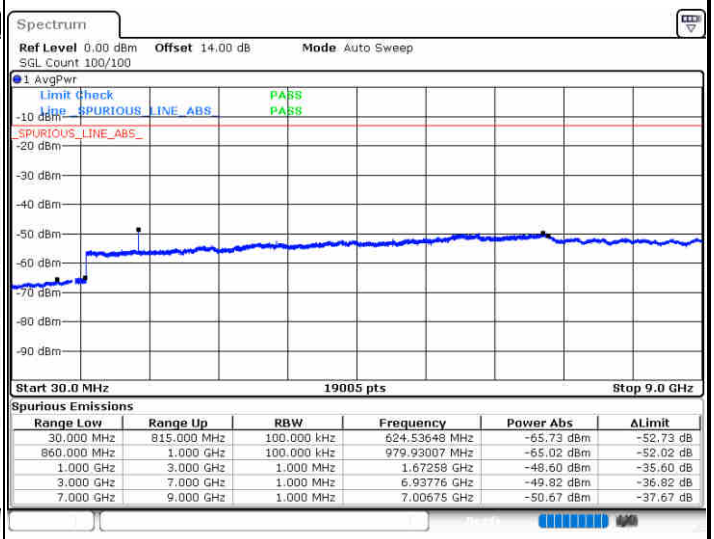


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.70390 MHz	-65.75 dBm	-52.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.09790 MHz	-64.70 dBm	-51.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-47.46 dBm	-34.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97025 GHz	-49.77 dBm	-36.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01975 GHz	-51.02 dBm	-38.02 dB

Date: 26.AUG.2021 16:48:23

Middle Channel / 64QAM

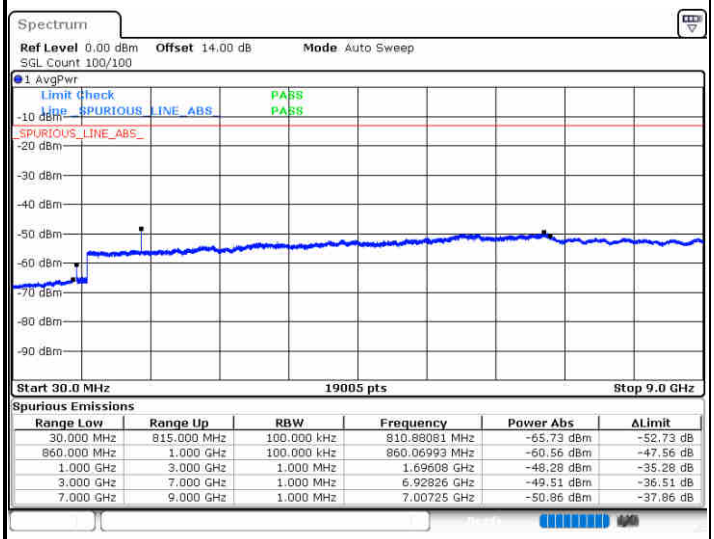


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	624.53648 MHz	-65.73 dBm	-52.73 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.93007 MHz	-65.02 dBm	-52.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-48.60 dBm	-35.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93776 GHz	-49.82 dBm	-36.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00675 GHz	-50.67 dBm	-37.67 dB

Date: 26.AUG.2021 16:49:59

Highest Channel / 64QAM



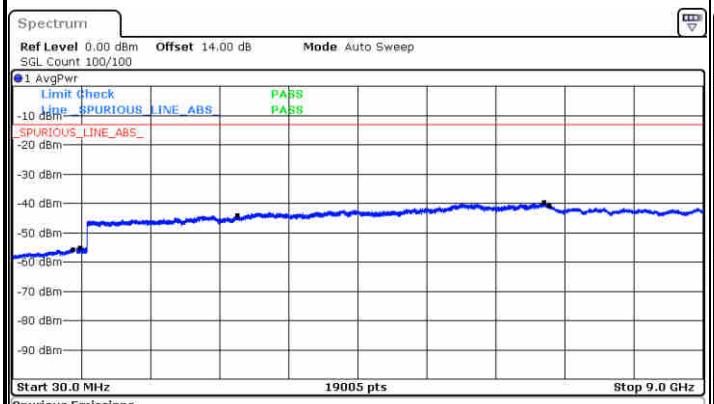
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.88081 MHz	-65.73 dBm	-52.73 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.06993 MHz	-60.56 dBm	-47.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-48.28 dBm	-35.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-49.51 dBm	-36.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00725 GHz	-50.86 dBm	-37.86 dB

Date: 26.AUG.2021 16:55:12

LTE Band 5 / 3MHz

Lowest Channel / 64QAM

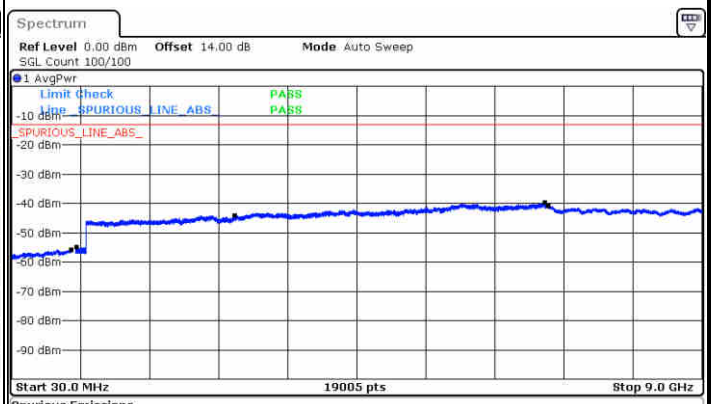


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.52699 MHz	-55.81 dBm	-42.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	909.86014 MHz	-55.20 dBm	-42.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94276 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93576 GHz	-39.78 dBm	-26.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00125 GHz	-40.93 dBm	-27.93 dB

Date: 26.AUG.2021 17:26:07

Middle Channel / 64QAM

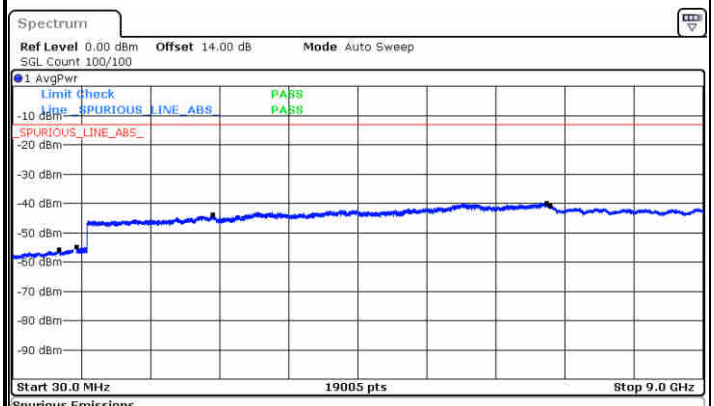


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.17316 MHz	-55.67 dBm	-42.67 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.33566 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.92977 GHz	-44.13 dBm	-31.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-39.75 dBm	-26.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00525 GHz	-41.01 dBm	-28.01 dB

Date: 26.AUG.2021 17:27:43

Highest Channel / 64QAM



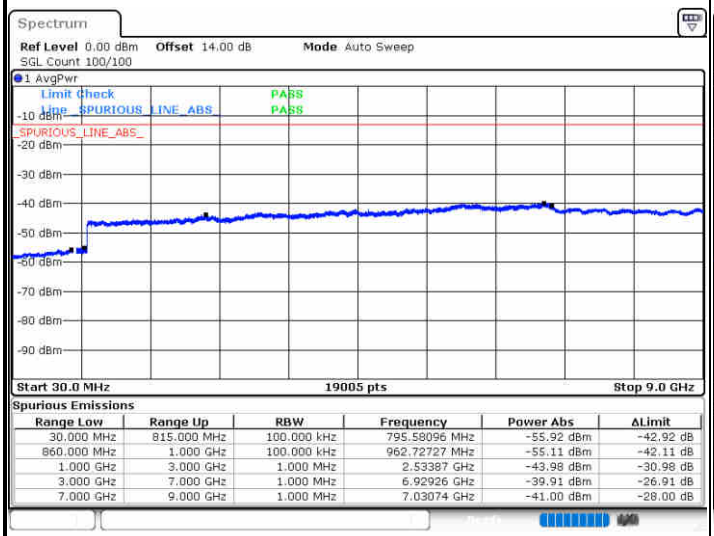
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	633.55947 MHz	-55.83 dBm	-42.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	862.86713 MHz	-54.95 dBm	-41.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63184 GHz	-43.82 dBm	-30.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96175 GHz	-39.93 dBm	-26.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01825 GHz	-40.94 dBm	-27.94 dB

Date: 26.AUG.2021 17:33:05

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

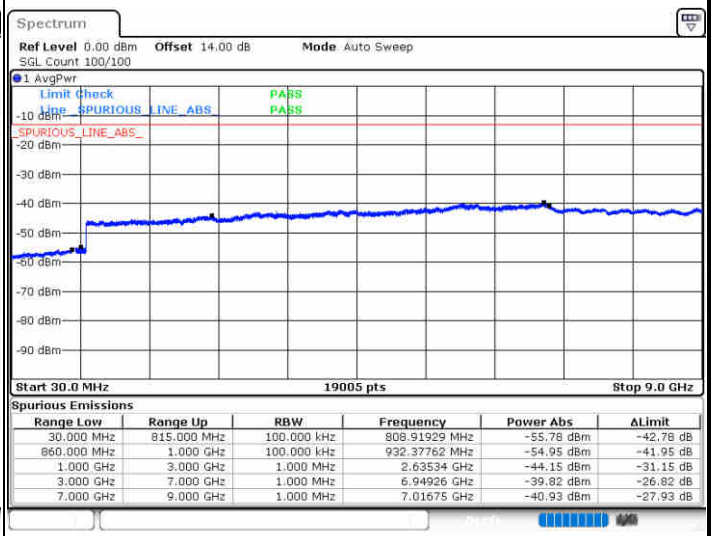


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.58096 MHz	-55.92 dBm	-42.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.72727 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53387 GHz	-43.98 dBm	-30.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92926 GHz	-39.91 dBm	-26.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03074 GHz	-41.00 dBm	-28.00 dB

Date: 26.AUG.2021 18:04:00

Middle Channel / 64QAM

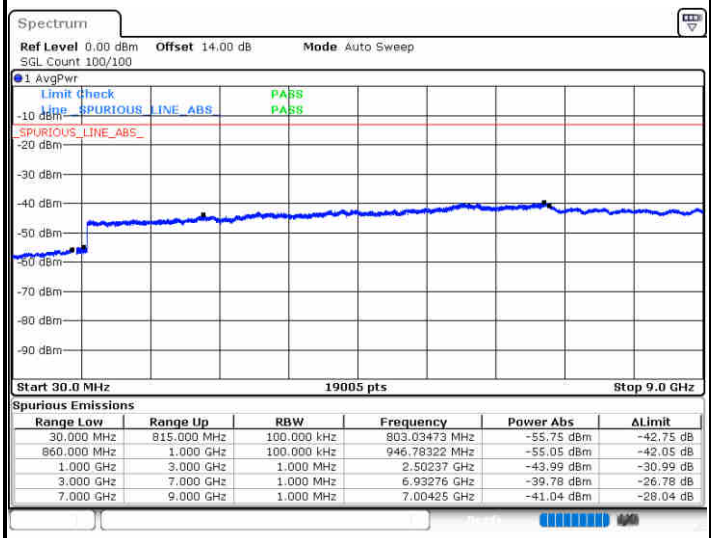


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-55.78 dBm	-42.78 dB
860.000 MHz	1.000 GHz	100.000 kHz	932.37762 MHz	-54.95 dBm	-41.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63534 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-39.82 dBm	-26.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01675 GHz	-40.93 dBm	-27.93 dB

Date: 26.AUG.2021 18:05:36

Highest Channel / 64QAM



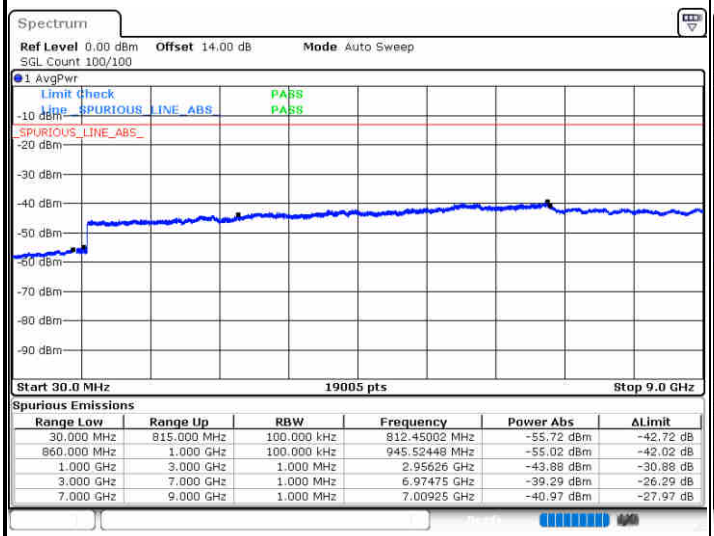
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.03473 MHz	-55.75 dBm	-42.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	946.78322 MHz	-55.05 dBm	-42.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50237 GHz	-43.99 dBm	-30.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93276 GHz	-39.78 dBm	-26.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00425 GHz	-41.04 dBm	-28.04 dB

Date: 26.AUG.2021 18:36:30

LTE Band 5 / 10MHz

Lowest Channel / 64QAM

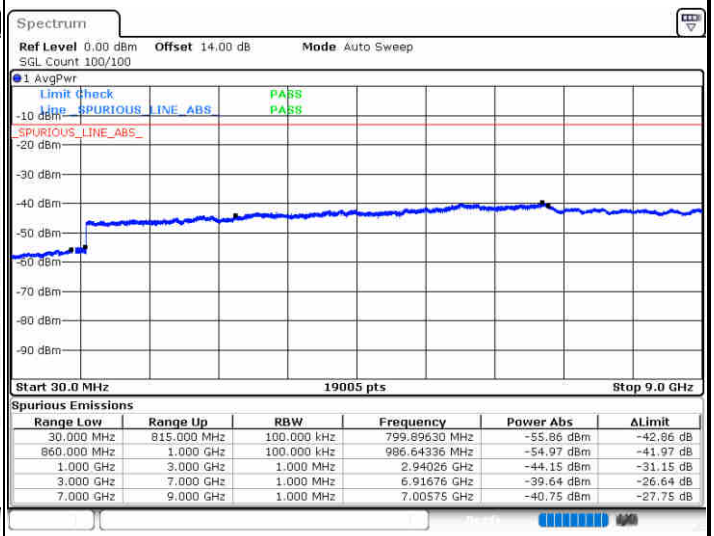


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-55.72 dBm	-42.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	945.52448 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95626 GHz	-43.88 dBm	-30.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97475 GHz	-39.29 dBm	-26.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00925 GHz	-40.97 dBm	-27.97 dB

Date: 26.AUG.2021 18:41:53

Middle Channel / 64QAM

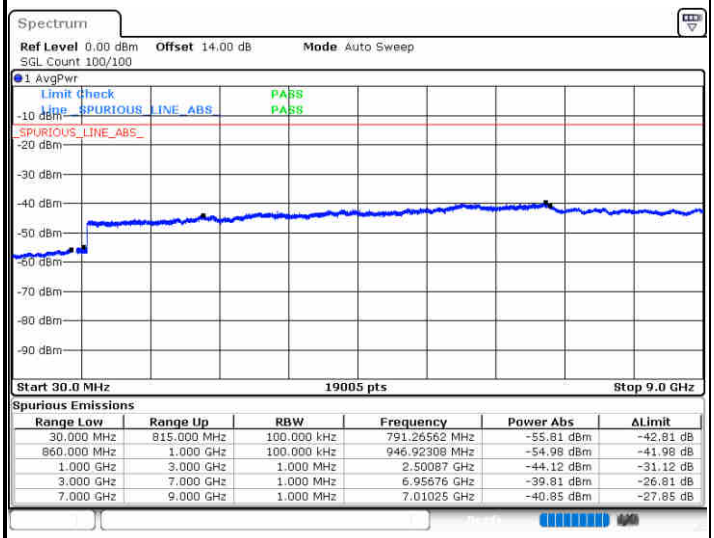


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.89630 MHz	-55.86 dBm	-42.86 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.64336 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94026 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91676 GHz	-39.64 dBm	-26.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00575 GHz	-40.75 dBm	-27.75 dB

Date: 26.AUG.2021 18:43:29

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	791.26562 MHz	-55.81 dBm	-42.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	946.92308 MHz	-54.98 dBm	-41.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50087 GHz	-44.12 dBm	-31.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-39.81 dBm	-26.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01025 GHz	-40.85 dBm	-27.85 dB

Date: 26.AUG.2021 18:48:50

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0146	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0178	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0160	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0166	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.

LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.86	4.70	4.96	5.68	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.33	6.03	-	-	
Highest CH	-	-	-	-	

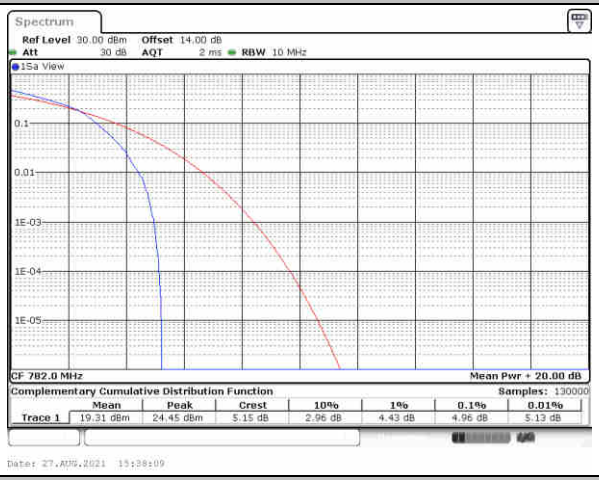
LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB

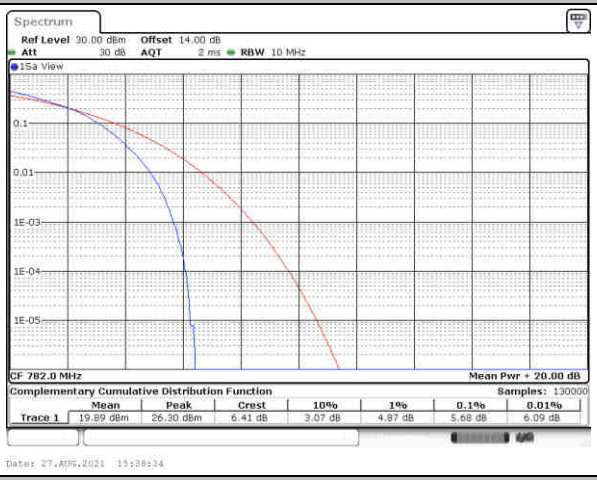
Middle Channel / Full RB

LTE Band 13 / 10MHz / 16QAM

Middle Channel / 1RB

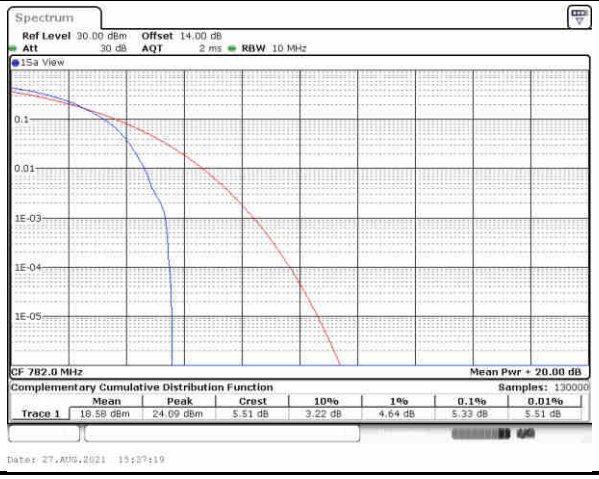


Middle Channel / Full RB

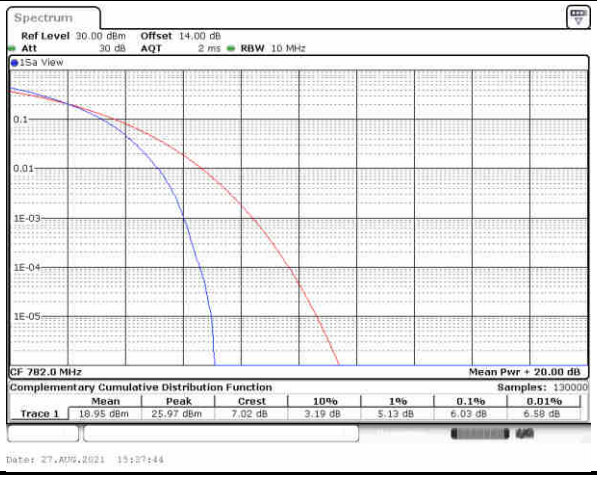


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB

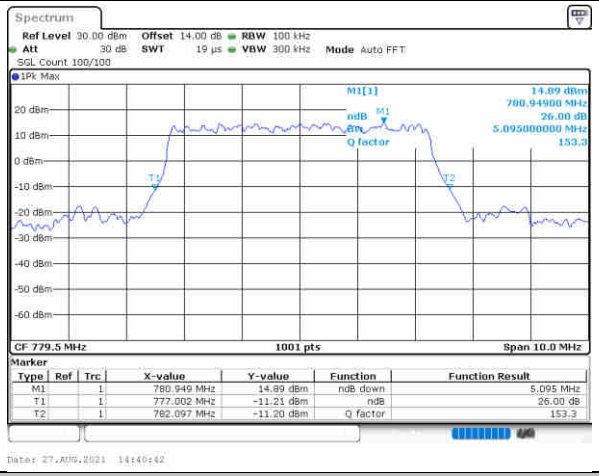


26dB Bandwidth

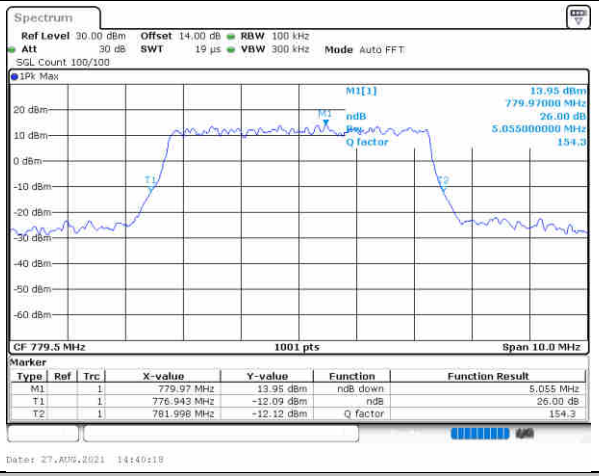
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.10	5.06	-	-	-	-	-	-
Middle CH	-	-	-	-	5.15	4.98	9.91	9.69	-	-	-	-
Highest CH	-	-	-	-	5.04	5.00	-	-	-	-	-	-
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	5.03	-	-	-	-	-	-	-
Middle CH	-	-	-	-	5.23	-	9.93	-	-	-	-	-
Highest CH	-	-	-	-	5.01	-	-	-	-	-	-	-

LTE Band 13

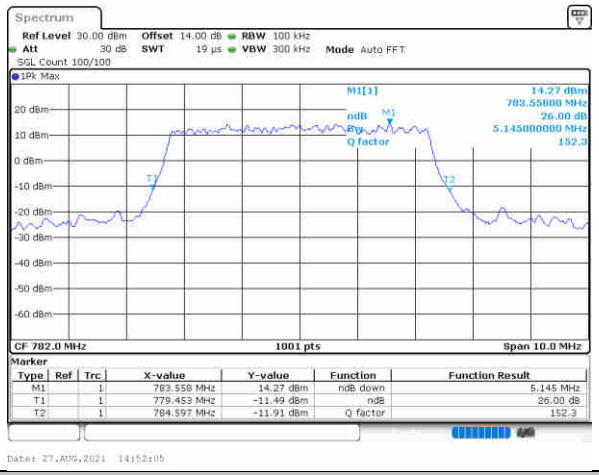
Lowest Channel / 5MHz / QPSK



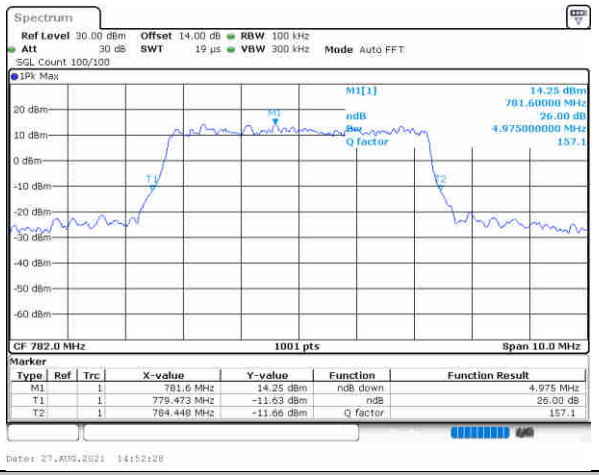
Lowest Channel / 5MHz / 16QAM



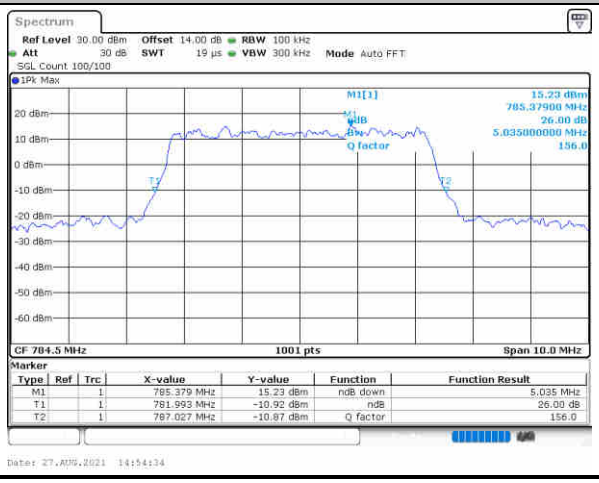
Middle Channel / 5MHz / QPSK



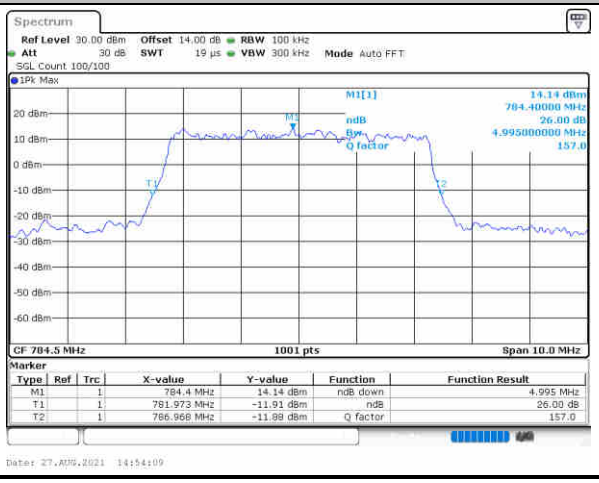
Middle Channel / 5MHz / 16QAM

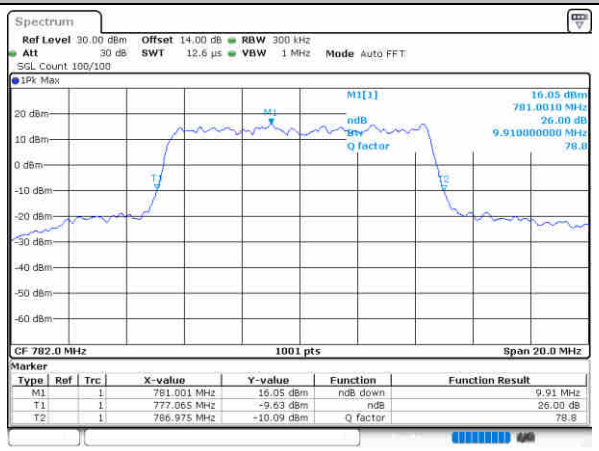
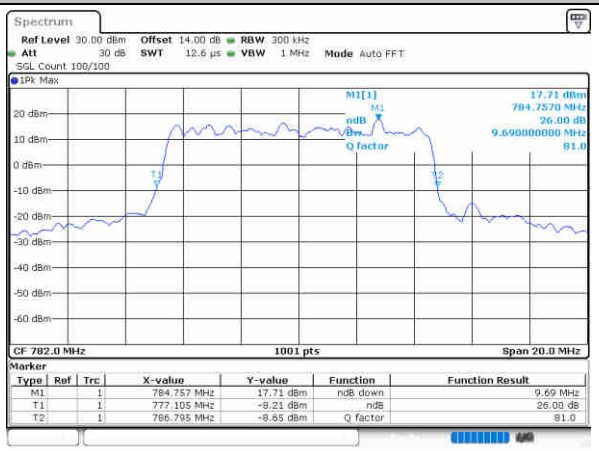


Highest Channel / 5MHz / QPSK



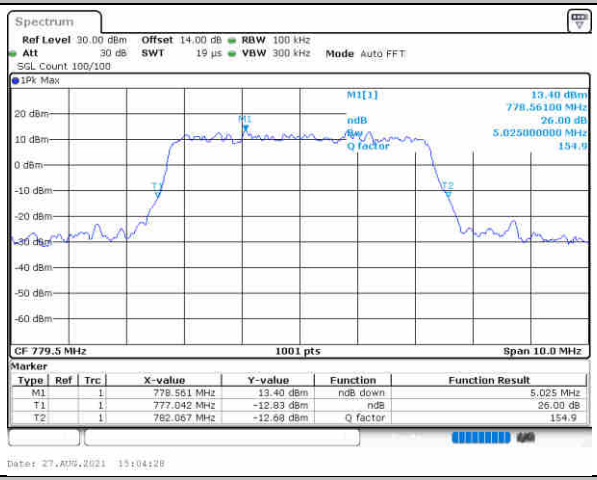
Highest Channel / 5MHz / 16QAM



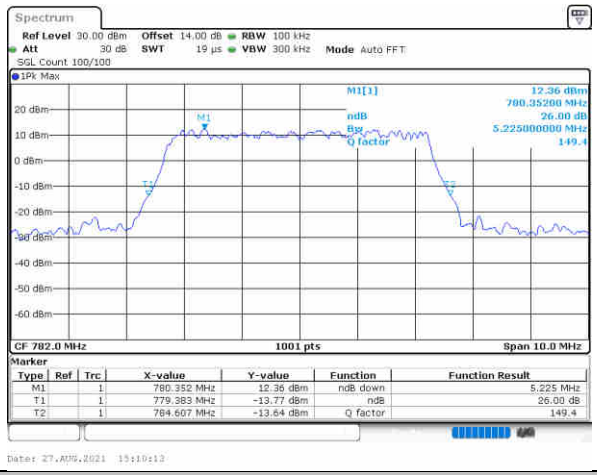
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

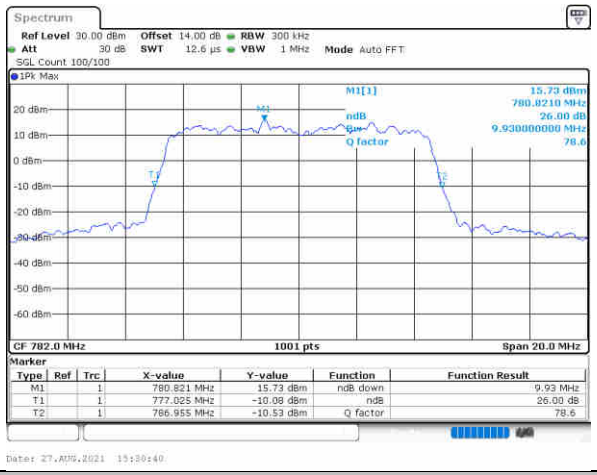
Lowest Channel / 5MHz / 64QAM



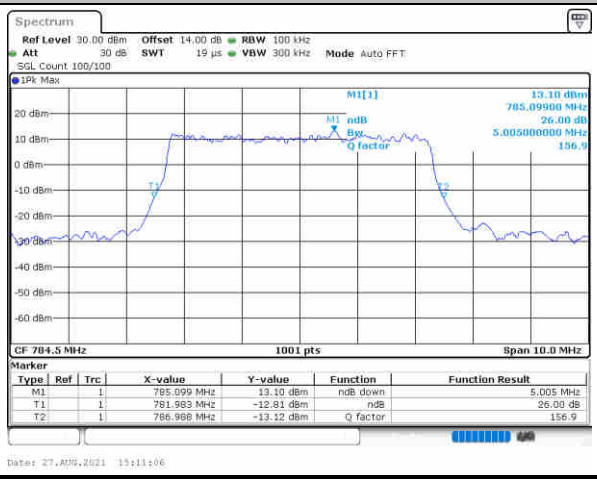
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

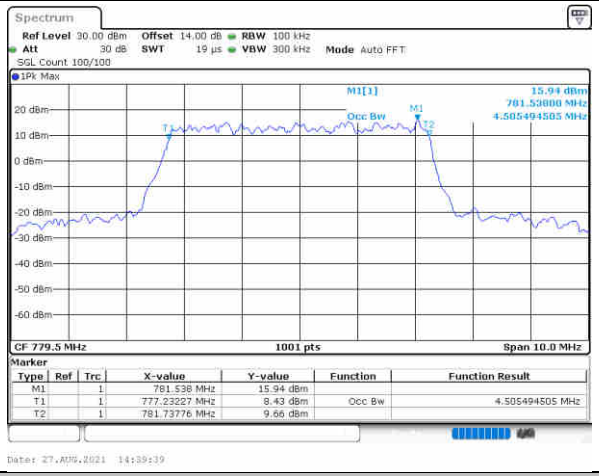


Occupied Bandwidth

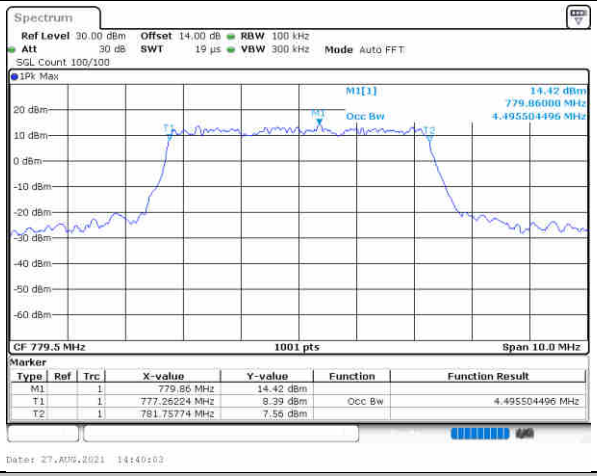
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.50	-	-	-	-	-	-
Middle CH	-	-	-	-	4.51	4.49	9.03	9.03	-	-	-	-
Highest CH	-	-	-	-	4.48	4.49	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.47	-	9.05	-	-	-	-	-
Highest CH	-	-	-	-	4.51	-	-	-	-	-	-	-

LTE Band 13

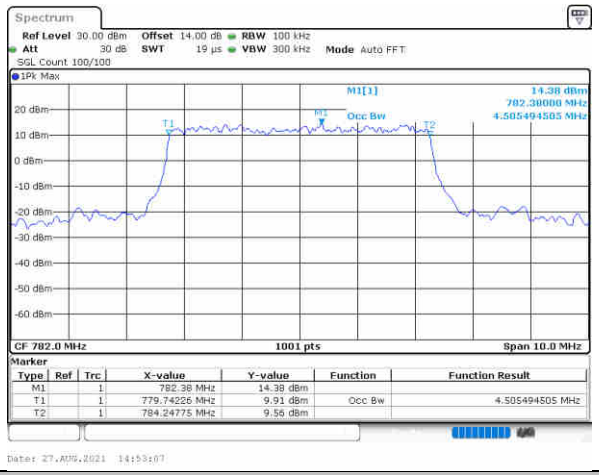
Lowest Channel / 5MHz / QPSK



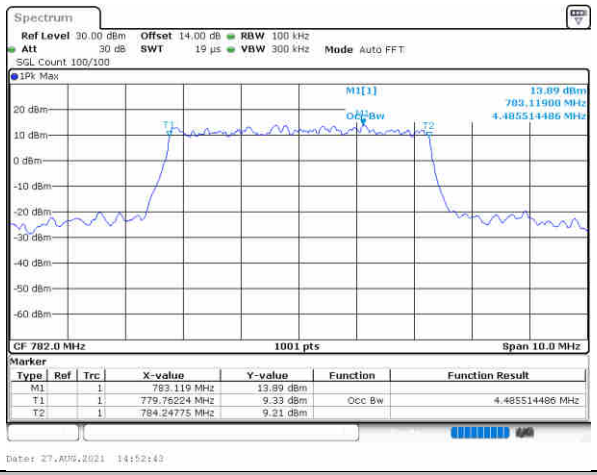
Lowest Channel / 5MHz / 16QAM



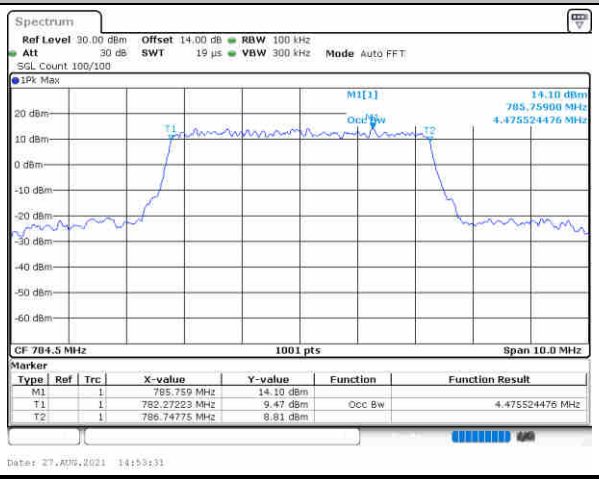
Middle Channel / 5MHz / QPSK



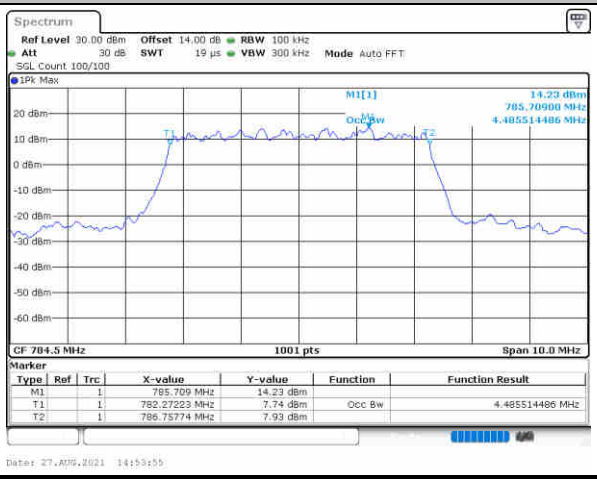
Middle Channel / 5MHz / 16QAM

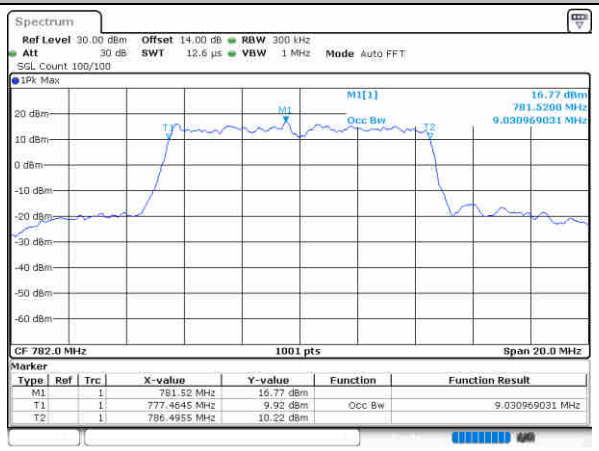
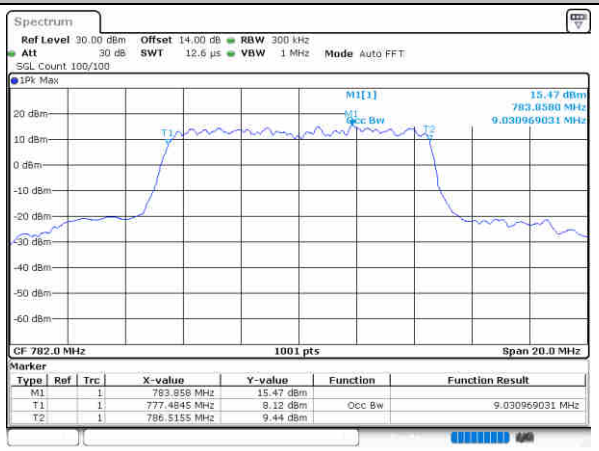


Highest Channel / 5MHz / QPSK



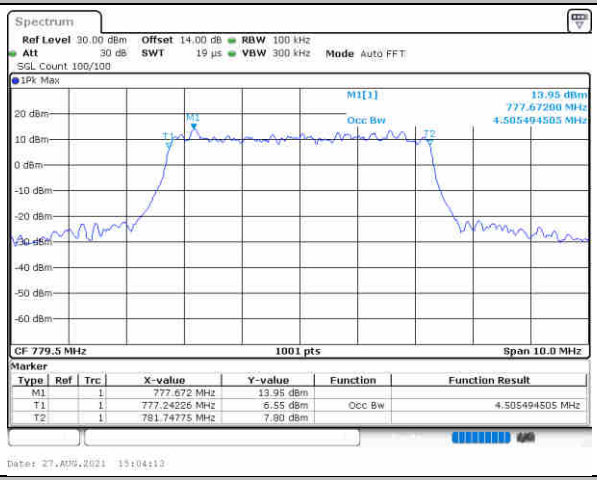
Highest Channel / 5MHz / 16QAM



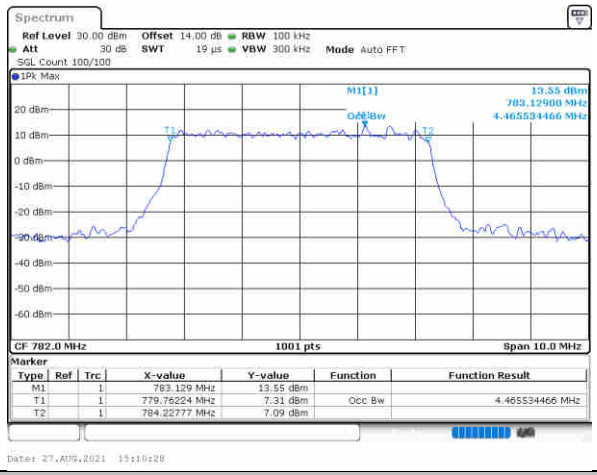
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

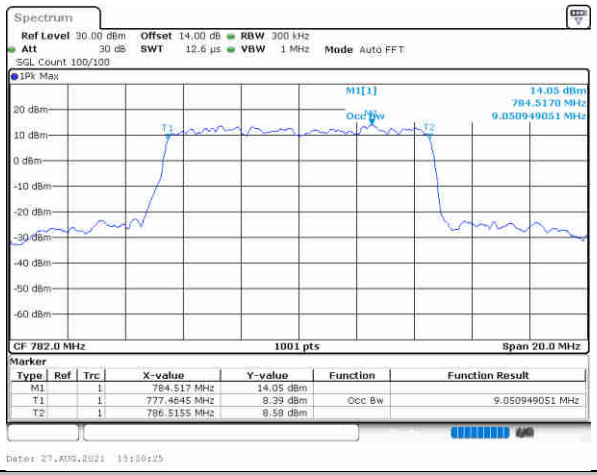
Lowest Channel / 5MHz / 64QAM



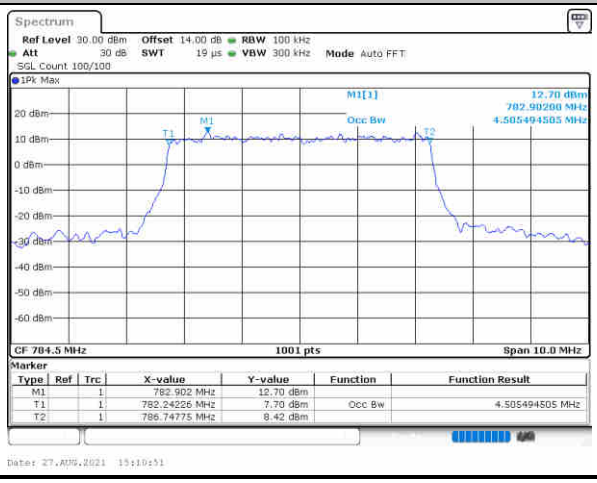
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



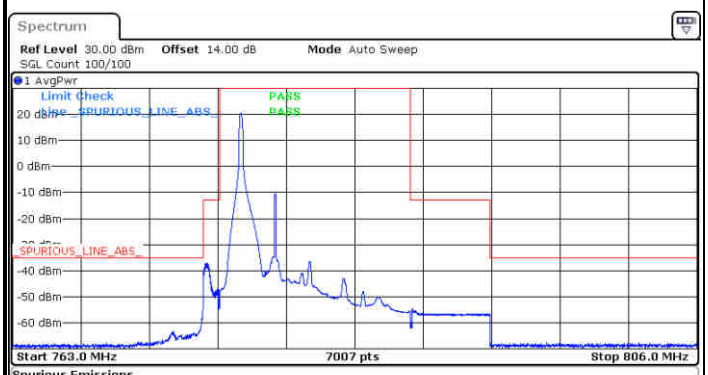
Highest Channel / 5MHz / 64QAM



Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

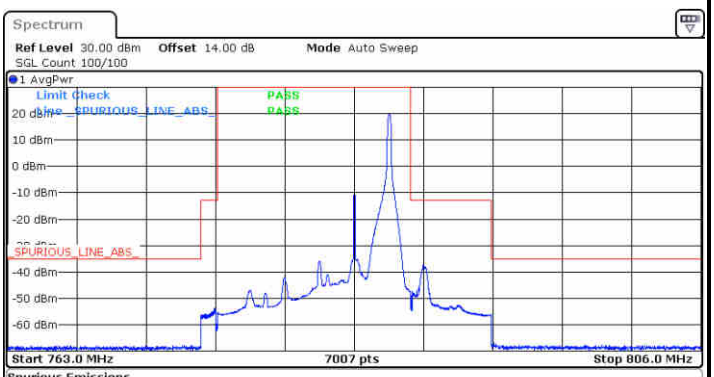


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-53.24 dBm	-18.24 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.15060 MHz	-36.95 dBm	-23.95 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93262 MHz	-47.48 dBm	-34.48 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.37263 MHz	20.34 dBm	-9.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09835 MHz	-58.49 dBm	-45.49 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-54.66 dBm	-41.66 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.33117 MHz	-67.69 dBm	-32.69 dB

Date: 27.AUG.2021 14:48:02

Highest Band Edge / 1 RB

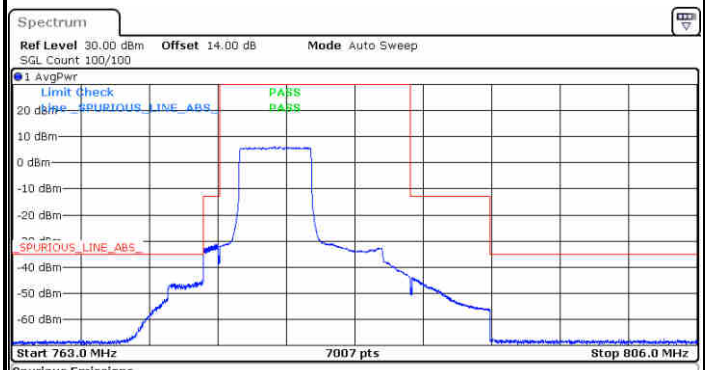


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.92707 MHz	-67.86 dBm	-32.86 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83571 MHz	-53.88 dBm	-40.88 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99925 MHz	-59.01 dBm	-46.01 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	19.85 dBm	-10.15 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06479 MHz	-47.42 dBm	-34.42 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.74860 MHz	-37.53 dBm	-24.53 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.17532 MHz	-67.01 dBm	-32.01 dB

Date: 27.AUG.2021 15:01:54

Lowest Band Edge / Full RB

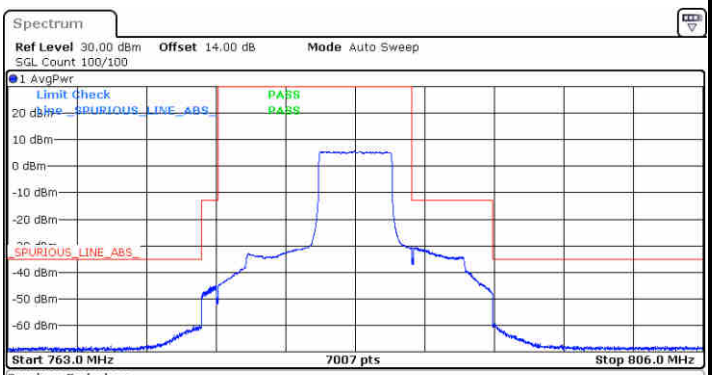


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-44.53 dBm	-9.53 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.67118 MHz	-31.49 dBm	-18.49 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92982 MHz	-35.91 dBm	-22.91 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.75824 MHz	5.96 dBm	-24.04 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04970 MHz	-48.15 dBm	-35.15 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12692 MHz	-44.10 dBm	-31.10 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.18831 MHz	-67.52 dBm	-32.52 dB

Date: 27.AUG.2021 14:42:25

Highest Band Edge / Full RB



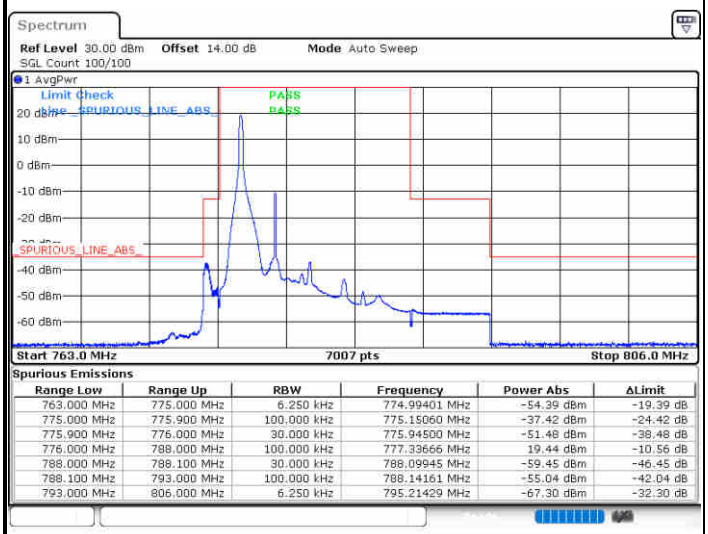
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.87413 MHz	-60.52 dBm	-25.52 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-44.83 dBm	-31.83 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99505 MHz	-49.40 dBm	-36.40 dB
776.000 MHz	788.000 MHz	100.000 kHz	784.42158 MHz	5.65 dBm	-24.35 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05020 MHz	-34.71 dBm	-21.71 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14650 MHz	-30.66 dBm	-17.66 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.14935 MHz	-59.52 dBm	-24.52 dB

Date: 27.AUG.2021 14:56:17

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

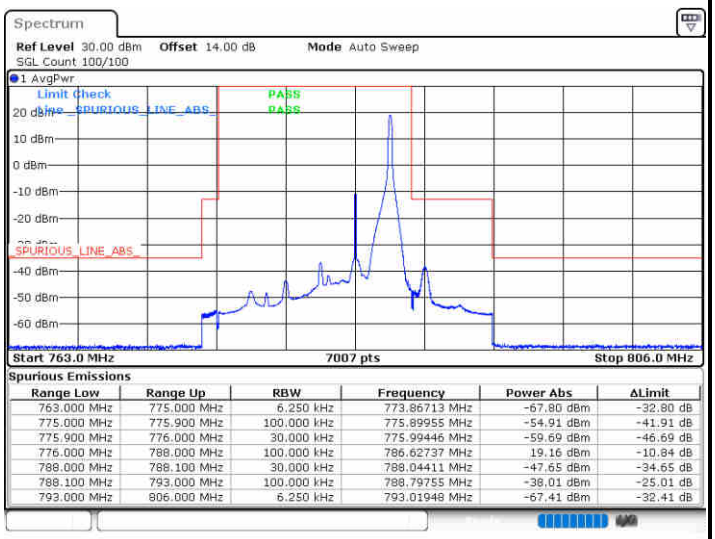


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-54.39 dBm	-19.39 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.15060 MHz	-37.42 dBm	-24.42 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94500 MHz	-51.48 dBm	-38.48 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.33666 MHz	19.44 dBm	-10.56 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09945 MHz	-59.45 dBm	-46.45 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14161 MHz	-55.04 dBm	-42.04 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-67.30 dBm	-32.30 dB

Date: 27.AUG.2021 14:46:10

Highest Band Edge / 1 RB

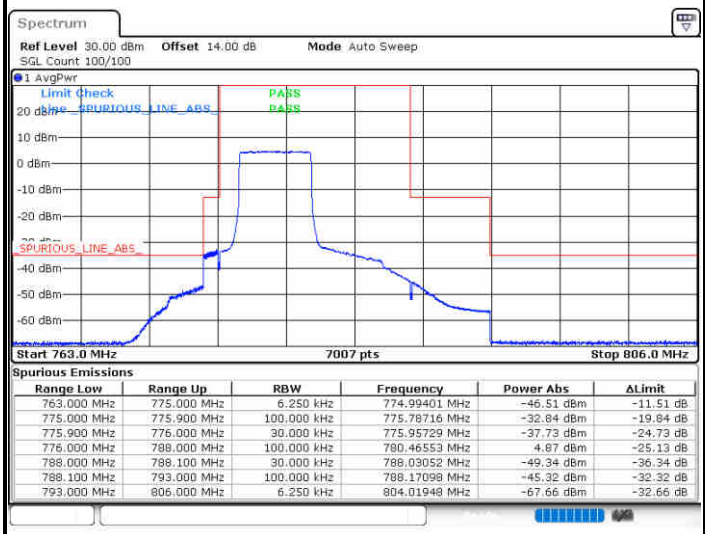


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.86713 MHz	-67.80 dBm	-32.80 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-54.91 dBm	-41.91 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99446 MHz	-59.69 dBm	-46.69 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	19.16 dBm	-10.84 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04411 MHz	-47.65 dBm	-34.65 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.79755 MHz	-38.01 dBm	-25.01 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-67.41 dBm	-32.41 dB

Date: 27.AUG.2021 15:00:02

Lowest Band Edge / Full RB

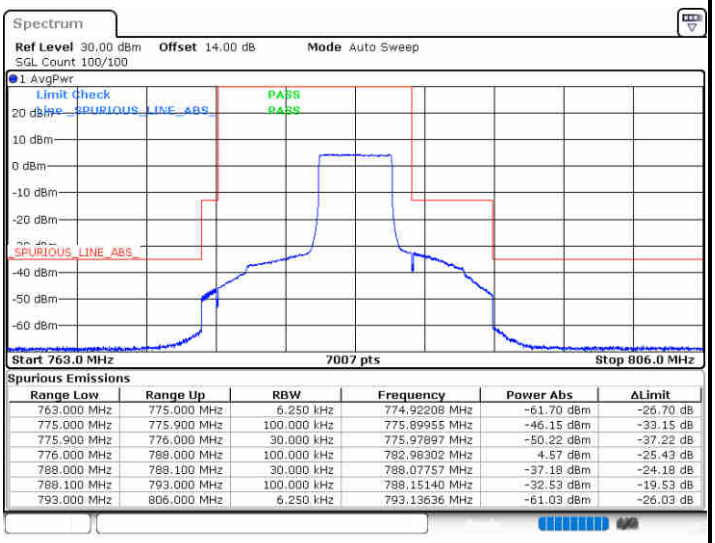


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-46.51 dBm	-11.51 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.78716 MHz	-32.84 dBm	-19.84 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95729 MHz	-37.73 dBm	-24.73 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.46553 MHz	4.87 dBm	-25.13 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03052 MHz	-49.34 dBm	-36.34 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17098 MHz	-45.32 dBm	-32.32 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.01948 MHz	-67.66 dBm	-32.66 dB

Date: 27.AUG.2021 14:44:18

Highest Band Edge / Full RB



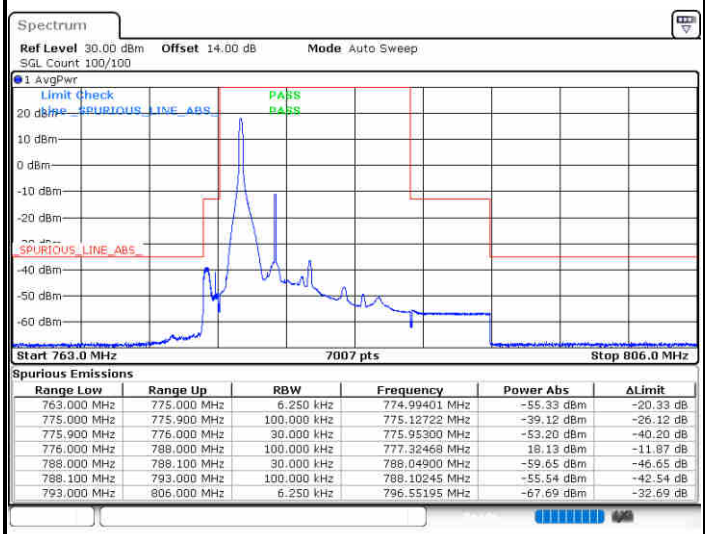
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.92208 MHz	-61.70 dBm	-26.70 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-46.15 dBm	-33.15 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97897 MHz	-50.22 dBm	-37.22 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.98302 MHz	4.57 dBm	-25.43 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07757 MHz	-37.18 dBm	-24.18 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.15140 MHz	-32.53 dBm	-19.53 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.13636 MHz	-61.03 dBm	-26.03 dB

Date: 27.AUG.2021 14:58:10

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

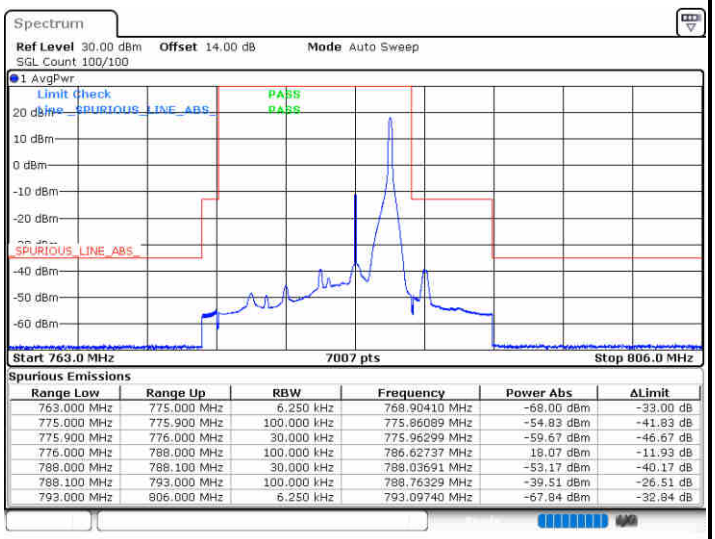


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-55.33 dBm	-20.33 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.12722 MHz	-39.12 dBm	-26.12 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95300 MHz	-53.20 dBm	-40.20 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	18.13 dBm	-11.87 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04900 MHz	-59.65 dBm	-46.65 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-55.54 dBm	-42.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.55195 MHz	-67.69 dBm	-32.69 dB

Date: 27.AUG.2021 15:08:04

Highest Band Edge / 1 RB

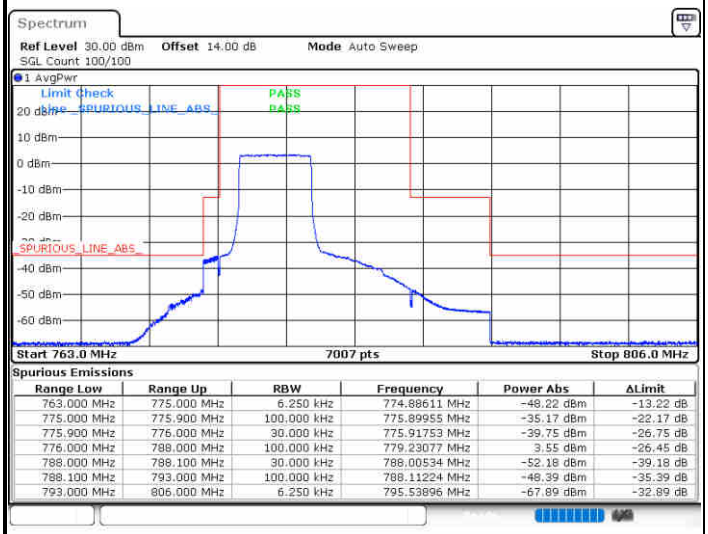


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.90410 MHz	-68.00 dBm	-33.00 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86089 MHz	-54.83 dBm	-41.83 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96299 MHz	-59.67 dBm	-46.67 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	18.07 dBm	-11.93 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03691 MHz	-53.17 dBm	-40.17 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.76329 MHz	-39.51 dBm	-26.51 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.09740 MHz	-67.84 dBm	-32.84 dB

Date: 27.AUG.2021 15:14:42

Lowest Band Edge / Full RB

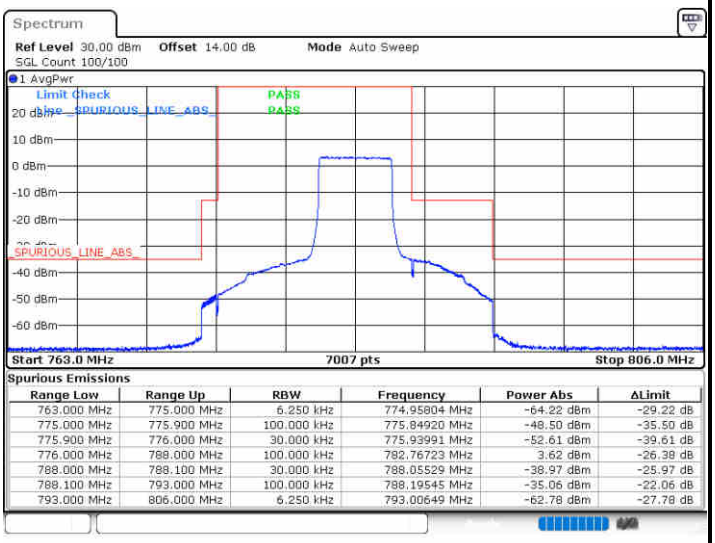


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-48.22 dBm	-13.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-35.17 dBm	-22.17 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91753 MHz	-39.75 dBm	-26.75 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.23077 MHz	3.55 dBm	-26.45 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00534 MHz	-52.18 dBm	-39.18 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-48.39 dBm	-35.39 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.53896 MHz	-67.89 dBm	-32.89 dB

Date: 27.AUG.2021 15:06:11

Highest Band Edge / Full RB



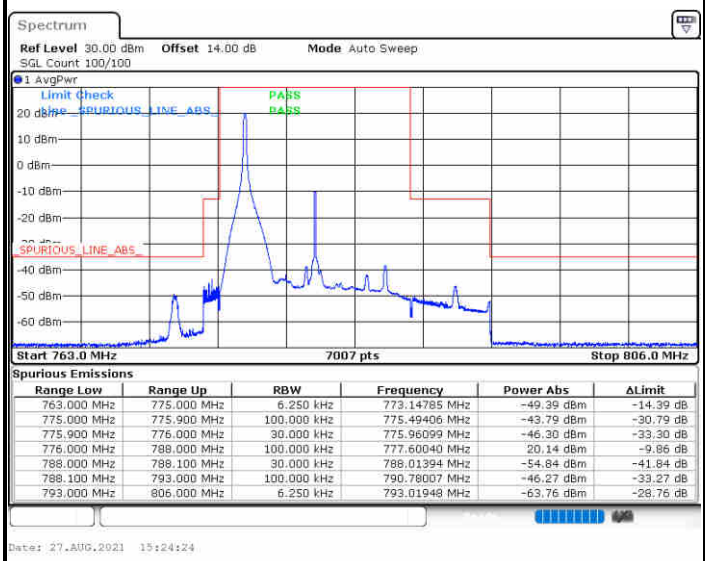
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-64.22 dBm	-29.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84920 MHz	-48.50 dBm	-35.50 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93991 MHz	-52.61 dBm	-39.61 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.76723 MHz	3.62 dBm	-26.38 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05529 MHz	-38.97 dBm	-25.97 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.19545 MHz	-35.06 dBm	-22.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-62.78 dBm	-27.78 dB

Date: 27.AUG.2021 15:12:49

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

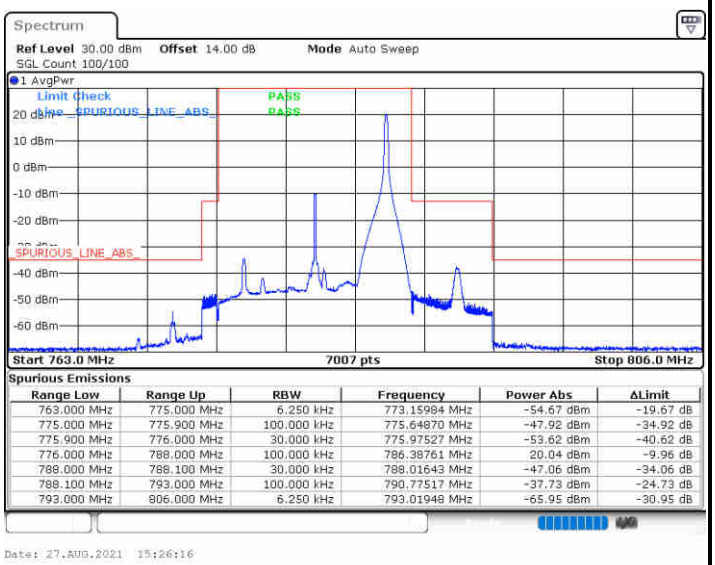


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.14785 MHz	-49.39 dBm	-14.39 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.49406 MHz	-43.79 dBm	-30.79 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96099 MHz	-46.30 dBm	-33.30 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.60040 MHz	20.14 dBm	-9.86 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01394 MHz	-54.84 dBm	-41.84 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.78007 MHz	-46.27 dBm	-33.27 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-63.76 dBm	-28.76 dB

Date: 27.AUG.2021 15:24:24

Highest Band Edge / 1 RB

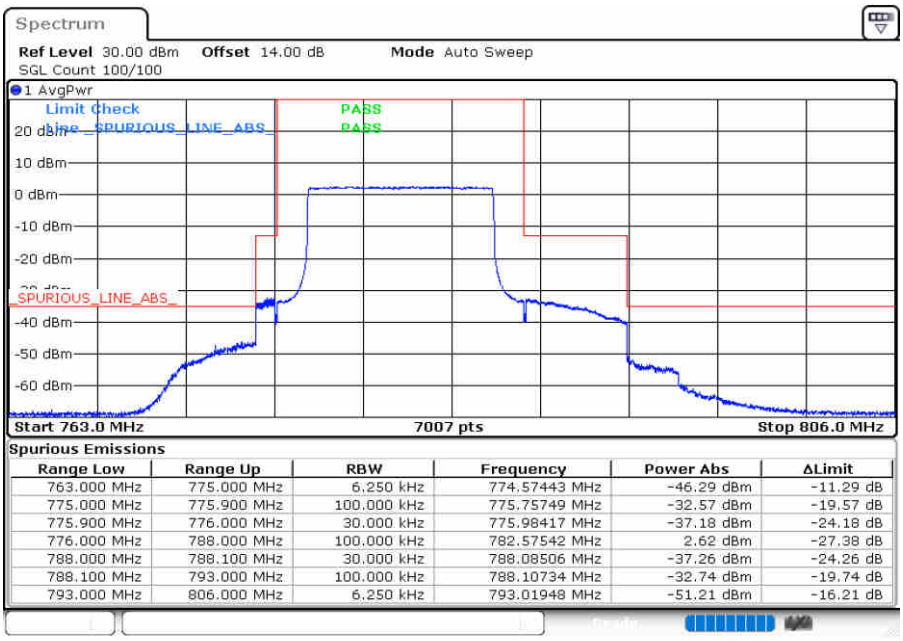


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.15984 MHz	-54.67 dBm	-19.67 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.64870 MHz	-47.92 dBm	-34.92 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97527 MHz	-53.62 dBm	-40.62 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	20.04 dBm	-9.96 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01643 MHz	-47.06 dBm	-34.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.77517 MHz	-37.73 dBm	-24.73 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-65.95 dBm	-30.95 dB

Date: 27.AUG.2021 15:26:16

Band Edge / Full RB



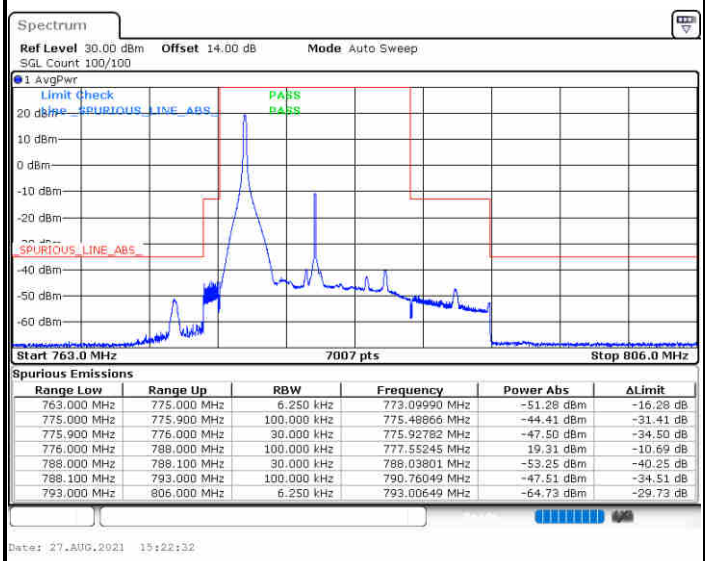
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.57443 MHz	-46.29 dBm	-11.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.75749 MHz	-32.57 dBm	-19.57 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98417 MHz	-37.18 dBm	-24.18 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.57542 MHz	2.62 dBm	-27.38 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08506 MHz	-37.26 dBm	-24.26 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-32.74 dBm	-19.74 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-51.21 dBm	-16.21 dB

Date: 27.AUG.2021 15:18:49

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

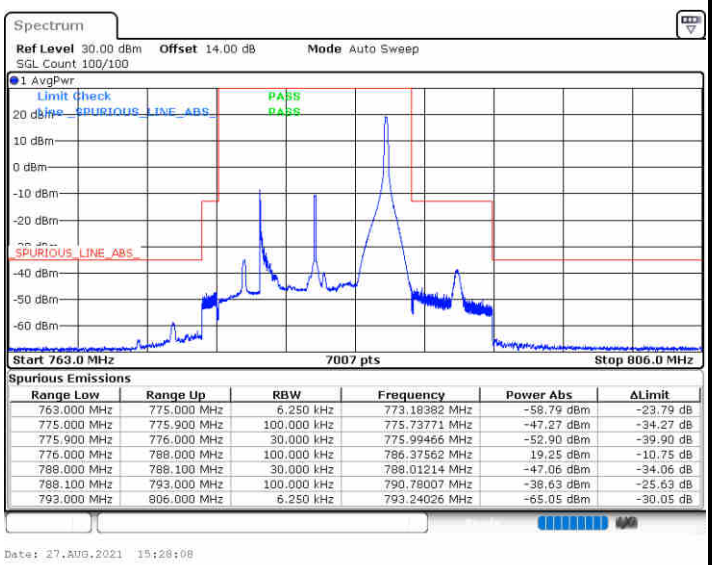


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.09990 MHz	-51.28 dBm	-16.28 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.48866 MHz	-44.41 dBm	-31.41 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92782 MHz	-47.50 dBm	-34.50 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.55245 MHz	19.31 dBm	-10.69 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03801 MHz	-53.25 dBm	-40.25 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.76049 MHz	-47.51 dBm	-34.51 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-64.73 dBm	-29.73 dB

Date: 27.AUG.2021 15:22:32

Highest Band Edge / 1 RB

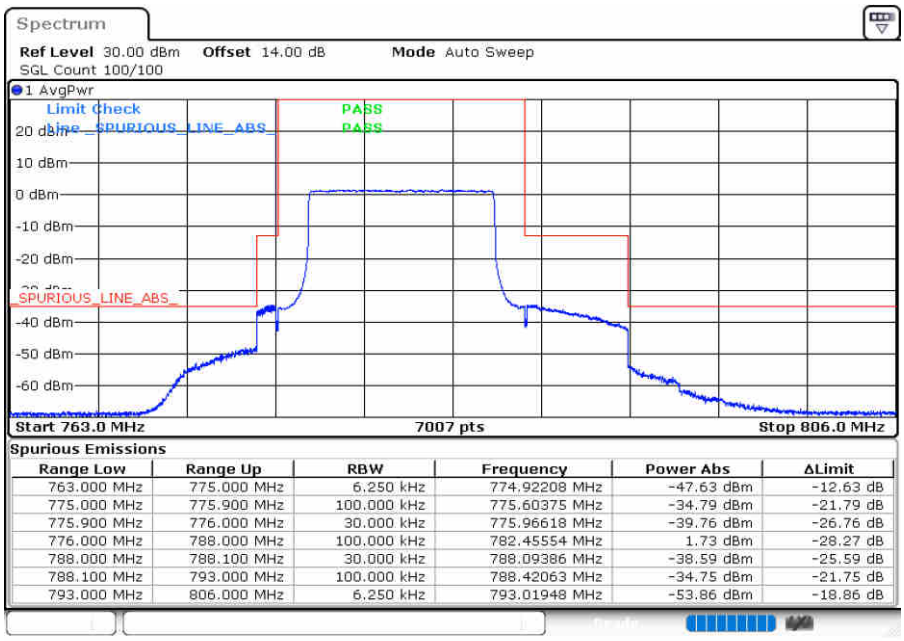


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-58.79 dBm	-23.79 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.73771 MHz	-47.27 dBm	-34.27 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99466 MHz	-52.90 dBm	-39.90 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	19.25 dBm	-10.75 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01214 MHz	-47.06 dBm	-34.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.78007 MHz	-38.63 dBm	-25.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-65.05 dBm	-30.05 dB

Date: 27.AUG.2021 15:28:08

Band Edge / Full RB



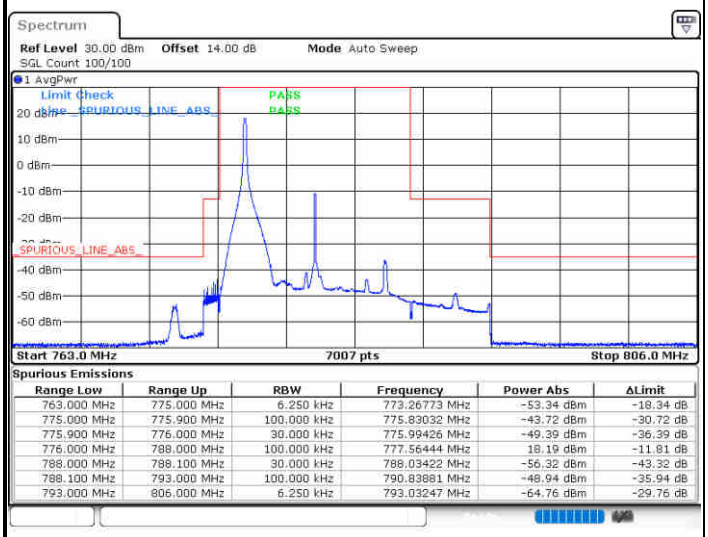
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.92208 MHz	-47.63 dBm	-12.63 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.60375 MHz	-34.79 dBm	-21.79 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96618 MHz	-39.76 dBm	-26.76 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.45554 MHz	1.73 dBm	-28.27 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09386 MHz	-38.59 dBm	-25.59 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.42063 MHz	-34.75 dBm	-21.75 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-53.86 dBm	-18.86 dB

Date: 27.AUG.2021 15:20:40

LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

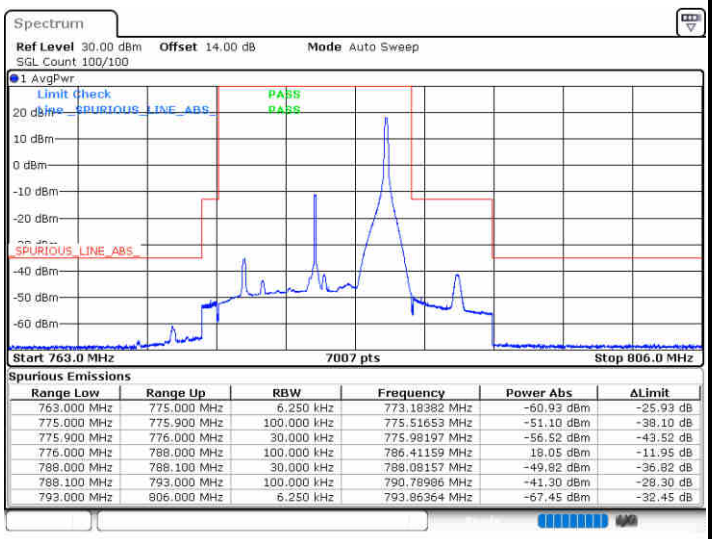


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.26773 MHz	-53.34 dBm	-18.34 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83032 MHz	-43.72 dBm	-30.72 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99426 MHz	-49.39 dBm	-36.39 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	18.19 dBm	-11.81 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03422 MHz	-56.32 dBm	-43.32 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.83881 MHz	-48.94 dBm	-35.94 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-64.76 dBm	-29.76 dB

Date: 27.AUG.2021 15:34:15

Highest Band Edge / 1 RB

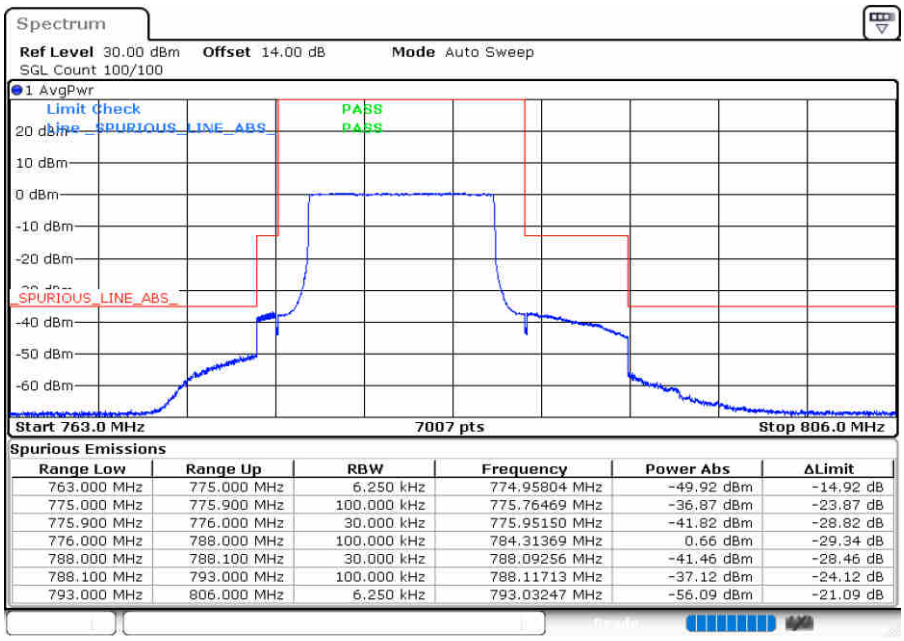


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-60.93 dBm	-25.93 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.51653 MHz	-51.10 dBm	-38.10 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98197 MHz	-56.52 dBm	-43.52 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	18.05 dBm	-11.95 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08157 MHz	-49.82 dBm	-36.82 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.78986 MHz	-41.30 dBm	-28.30 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.86364 MHz	-67.45 dBm	-32.45 dB

Date: 27.AUG.2021 15:36:07

Band Edge / Full RB



Spurious Emissions

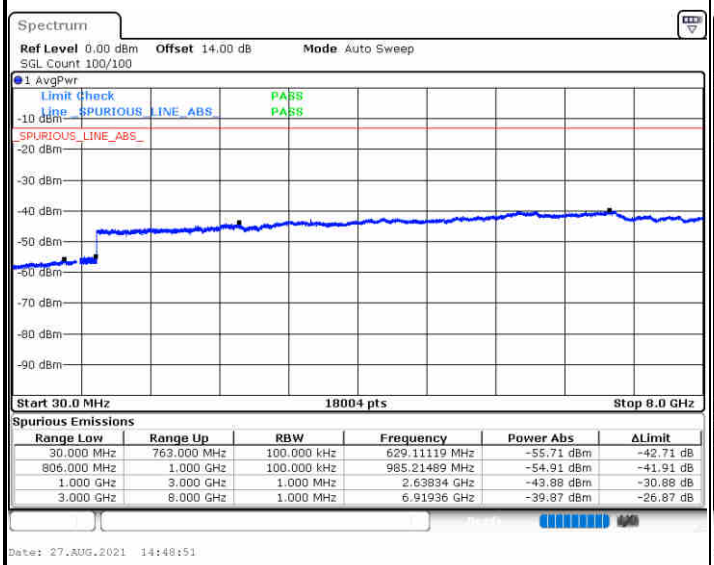
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-49.92 dBm	-14.92 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76469 MHz	-36.87 dBm	-23.87 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95150 MHz	-41.82 dBm	-28.82 dB
776.000 MHz	788.000 MHz	100.000 kHz	784.31369 MHz	0.66 dBm	-29.34 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09256 MHz	-41.46 dBm	-28.46 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11713 MHz	-37.12 dBm	-24.12 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-56.09 dBm	-21.09 dB

Date: 27.AUG.2021 15:32:23

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

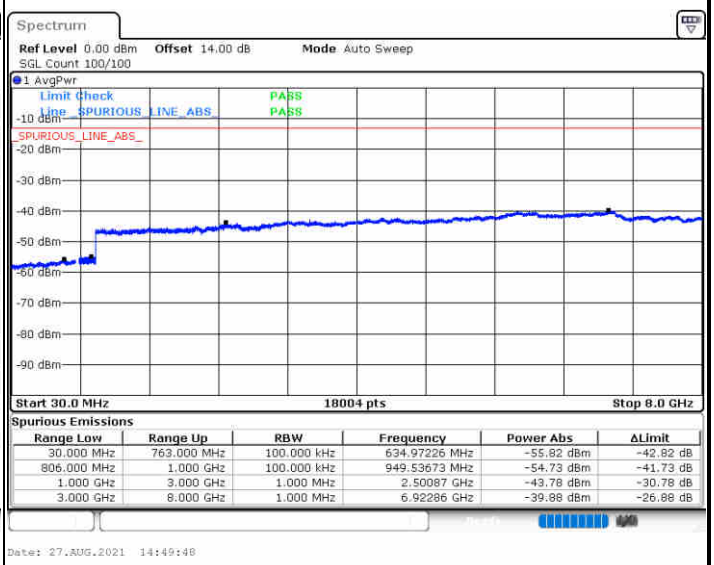


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	629.11119 MHz	-55.71 dBm	-42.71 dB
806.000 MHz	1.000 GHz	100.000 kHz	985.21489 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63834 GHz	-43.88 dBm	-30.88 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91936 GHz	-39.87 dBm	-26.87 dB

Date: 27.AUG.2021 14:48:51

Lowest Channel / 16QAM

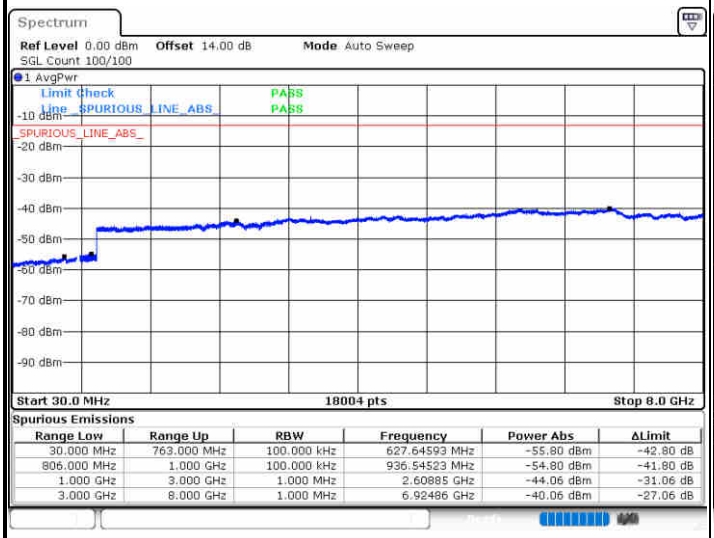


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	634.97226 MHz	-55.82 dBm	-42.82 dB
806.000 MHz	1.000 GHz	100.000 kHz	949.53673 MHz	-54.73 dBm	-41.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50087 GHz	-43.78 dBm	-30.78 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92286 GHz	-39.88 dBm	-26.88 dB

Date: 27.AUG.2021 14:49:48

Middle Channel / QPSK

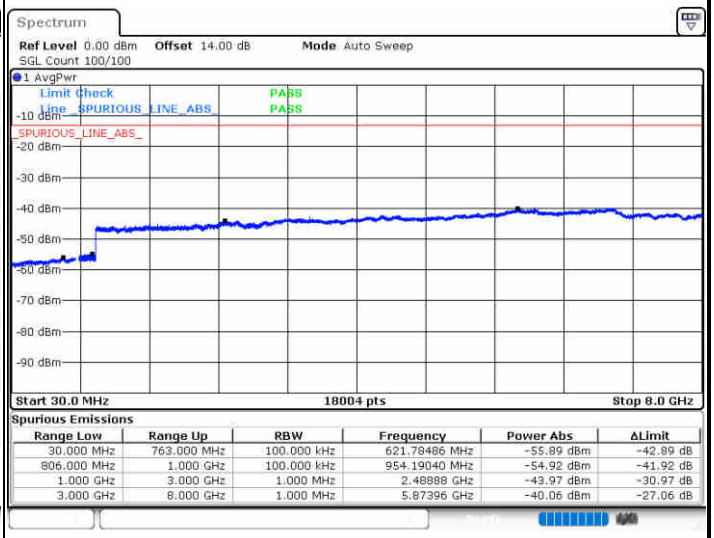


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	627.64593 MHz	-55.80 dBm	-42.80 dB
806.000 MHz	1.000 GHz	100.000 kHz	936.54523 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.60885 GHz	-44.06 dBm	-31.06 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92486 GHz	-40.06 dBm	-27.06 dB

Date: 27.AUG.2021 14:51:41

Middle Channel / 16QAM



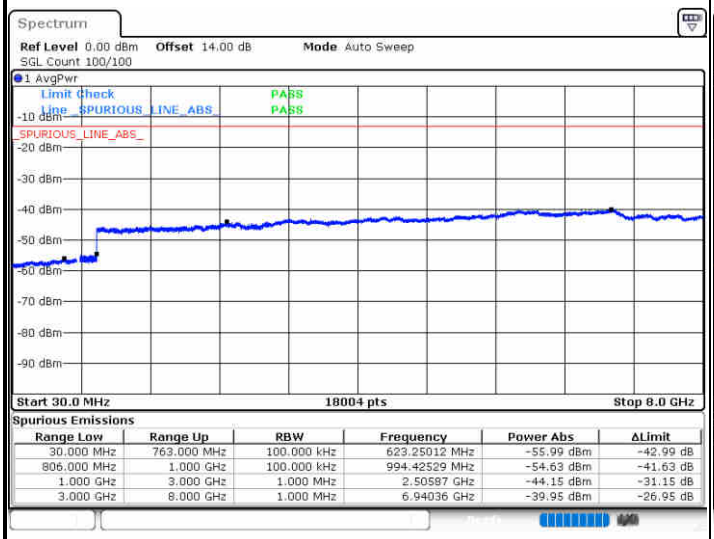
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	621.78486 MHz	-55.89 dBm	-42.89 dB
806.000 MHz	1.000 GHz	100.000 kHz	954.19040 MHz	-54.92 dBm	-41.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48888 GHz	-43.97 dBm	-30.97 dB
3.000 GHz	8.000 GHz	1.000 MHz	5.87396 GHz	-40.06 dBm	-27.06 dB

Date: 27.AUG.2021 14:50:45

LTE Band 13 / 5MHz

Highest Channel / QPSK

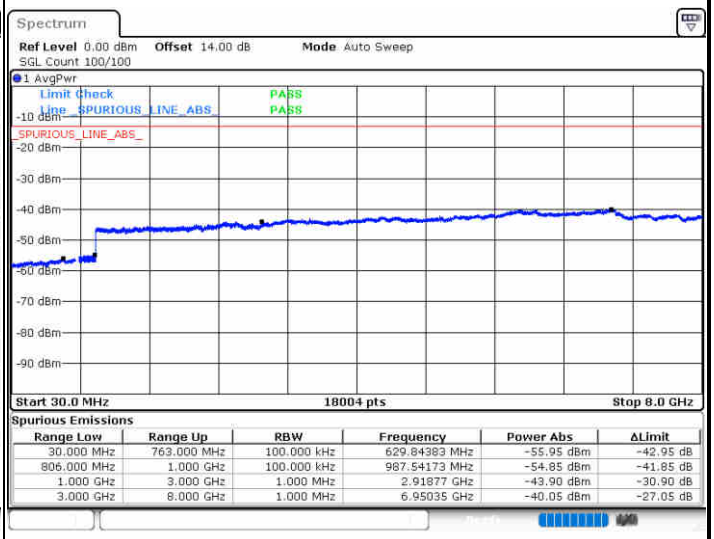


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	623.25012 MHz	-55.99 dBm	-42.99 dB
806.000 MHz	1.000 GHz	100.000 kHz	994.42529 MHz	-54.63 dBm	-41.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50587 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94036 GHz	-39.95 dBm	-26.95 dB

Date: 27.AUG.2021 15:02:52

Highest Channel / 16QAM



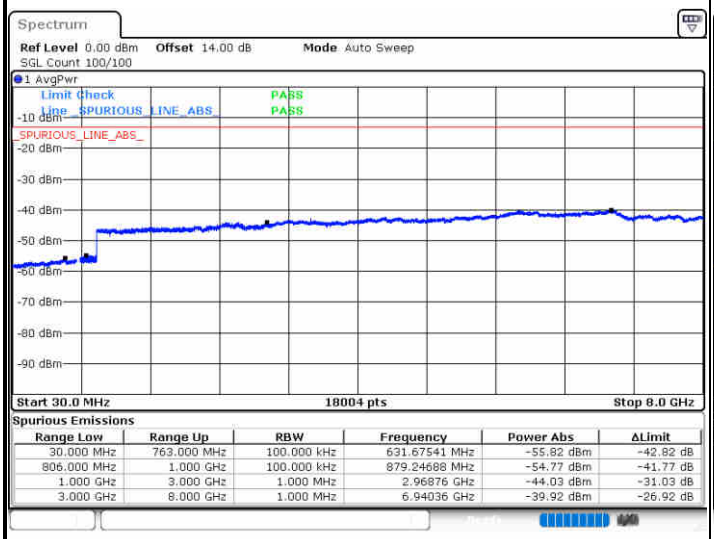
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	629.84383 MHz	-55.95 dBm	-42.95 dB
806.000 MHz	1.000 GHz	100.000 kHz	987.54173 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.91877 GHz	-43.90 dBm	-30.90 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.95035 GHz	-40.05 dBm	-27.05 dB

Date: 27.AUG.2021 15:03:49

LTE Band 13 / 10MHz

Middle Channel / QPSK

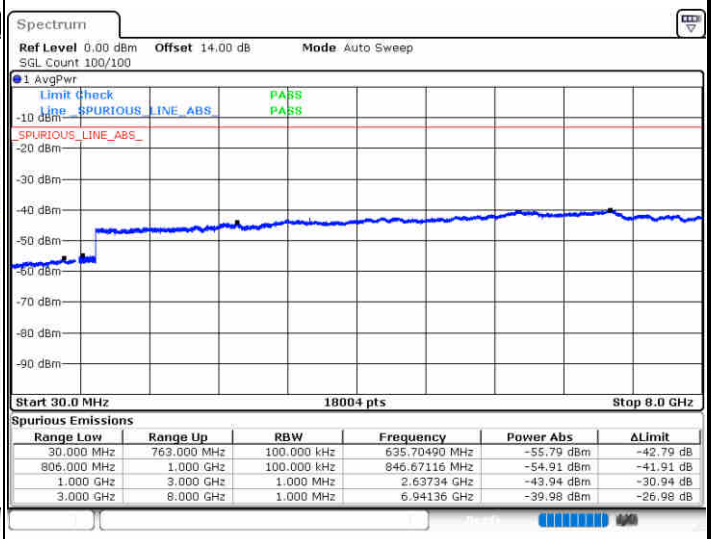


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	631.67541 MHz	-55.82 dBm	-42.82 dB
806.000 MHz	1.000 GHz	100.000 kHz	879.24688 MHz	-54.77 dBm	-41.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96876 GHz	-44.03 dBm	-31.03 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94036 GHz	-39.92 dBm	-26.92 dB

Date: 27.AUG.2021 15:30:01

Middle Channel / 16QAM



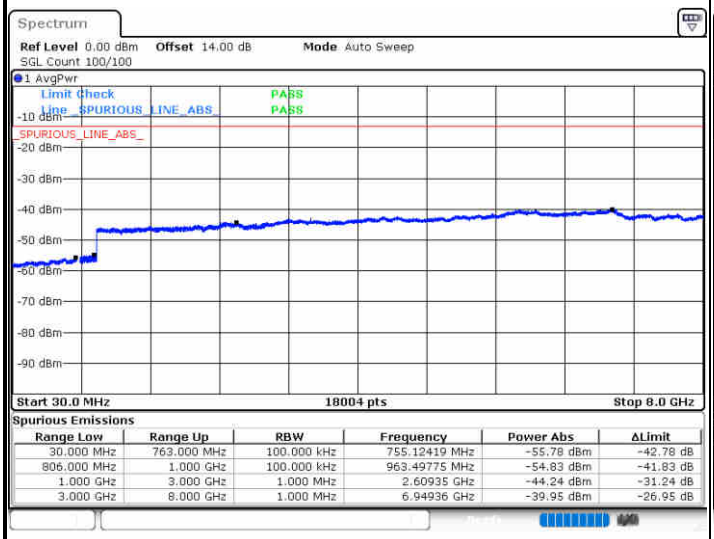
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	635.70490 MHz	-55.79 dBm	-42.79 dB
806.000 MHz	1.000 GHz	100.000 kHz	846.67116 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63734 GHz	-43.94 dBm	-30.94 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94136 GHz	-39.98 dBm	-26.98 dB

Date: 27.AUG.2021 15:29:05

LTE Band 13 / 5MHz

Lowest Channel / 64QAM

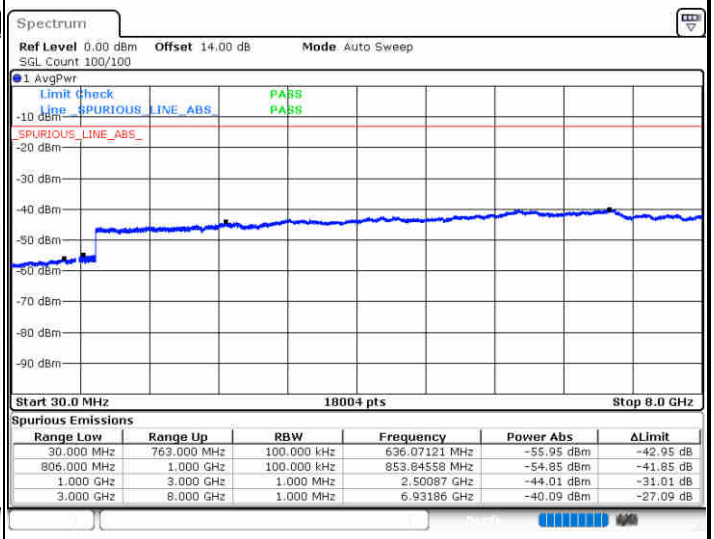


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	755.12419 MHz	-55.78 dBm	-42.78 dB
806.000 MHz	1.000 GHz	100.000 kHz	963.49775 MHz	-54.83 dBm	-41.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.60935 GHz	-44.24 dBm	-31.24 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94936 GHz	-39.95 dBm	-26.95 dB

Date: 27.AUG.2021 15:08:52

Middle Channel / 64QAM

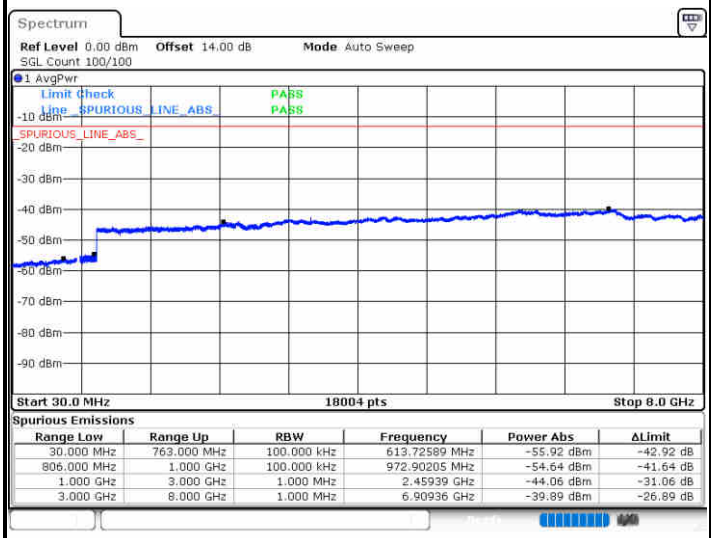


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	636.07121 MHz	-55.95 dBm	-42.95 dB
806.000 MHz	1.000 GHz	100.000 kHz	853.84558 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50087 GHz	-44.01 dBm	-31.01 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.93186 GHz	-40.09 dBm	-27.09 dB

Date: 27.AUG.2021 15:09:49

Highest Channel / 64QAM

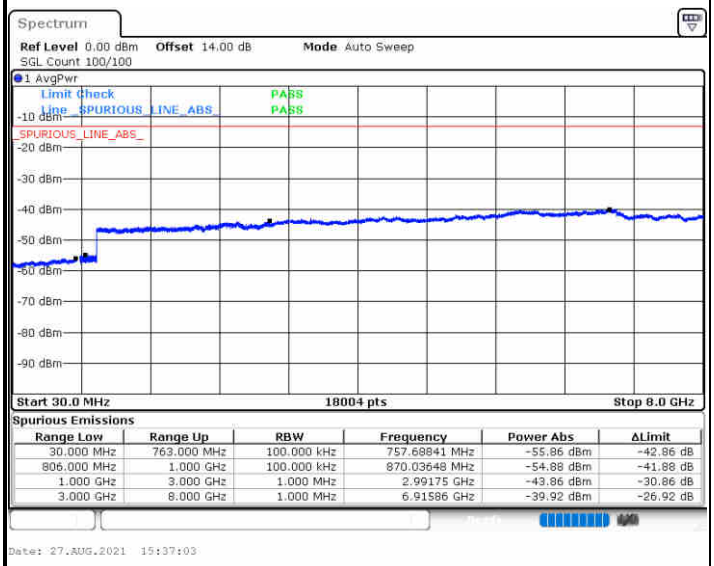


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	613.72589 MHz	-55.92 dBm	-42.92 dB
806.000 MHz	1.000 GHz	100.000 kHz	972.90205 MHz	-54.64 dBm	-41.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.45939 GHz	-44.06 dBm	-31.06 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.90936 GHz	-39.89 dBm	-26.89 dB

Date: 27.AUG.2021 15:15:39

LTE Band 13 / 10MHz	
Middle Channel / 64QAM	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	757.68841 MHz	-55.86 dBm	-42.86 dB
806.000 MHz	1.000 GHz	100.000 kHz	870.03648 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-43.86 dBm	-30.86 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91586 GHz	-39.92 dBm	-26.92 dB

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0188	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0180	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0201	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

For Ant. 1:

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-55.00	-13	-42.00	-77.89	-61.75	5.85	12.60	H
	5613.27	-54.51	-13	-41.51	-78.79	-60.31	7.30	13.10	H
	7484.36	-53.10	-13	-40.10	-79.56	-56.25	8.35	11.50	H
	3742.18	-51.47	-13	-38.47	-76.37	-58.22	5.85	12.60	V
	5613.27	-53.76	-13	-40.76	-78.89	-59.56	7.30	13.10	V
	7484.36	-53.14	-13	-40.14	-79.58	-56.29	8.35	11.50	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-63.70	-13	-50.70	-75.35	-66.95	4.00	9.40	H
	2496.27	-57.55	-13	-44.55	-76.32	-61.12	4.88	10.60	H
	3328.36	-56.63	-13	-43.63	-77.60	-61.56	5.52	12.60	H
	1664.18	-62.36	-13	-49.36	-74.68	-65.61	4.00	9.40	V
	2496.27	-57.43	-13	-44.43	-76.46	-61.00	4.88	10.60	V
	3328.36	-56.15	-13	-43.15	-77.62	-61.08	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-63.68	-42.15	-21.53	-74.97	-66.93	4.00	9.40	H
	2339.25	-58.06	-13	-45.06	-76.04	-61.63	4.88	10.60	H
	3119	-57.30	-13	-44.30	-77.39	-62.23	5.52	12.60	H
	1559.5	-50.18	-42.15	-8.03	-62.09	-53.43	4.00	9.40	V
	2339.25	-57.94	-13	-44.94	-76.29	-61.51	4.88	10.60	V
	3119	-55.56	-13	-42.56	-77.45	-60.49	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-64.08	-13	-51.08	-75.37	-67.33	4.00	9.40	H
	2332.5	-58.02	-13	-45.02	-76.00	-61.59	4.88	10.60	H
	3110	-56.99	-13	-43.99	-77.05	-61.92	5.52	12.60	H
	1555	-62.82	-13	-49.82	-74.73	-66.07	4.00	9.40	V
	2332.5	-58.09	-13	-45.09	-76.35	-61.66	4.88	10.60	V
	3110	-55.15	-13	-42.15	-76.94	-60.08	5.52	12.60	V

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

For Ant. 2:

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-55.10	-13	-42.10	-77.99	-61.85	5.85	12.60	H
	5613.27	-55.02	-13	-42.02	-79.30	-60.82	7.30	13.10	H
	7484.36	-53.25	-13	-40.25	-79.71	-56.40	8.35	11.50	H
	3742.18	-51.79	-13	-38.79	-76.69	-58.54	5.85	12.60	V
	5613.27	-54.42	-13	-41.42	-79.55	-60.22	7.30	13.10	V
	7484.36	-53.33	-13	-40.33	-79.77	-56.48	8.35	11.50	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-63.44	-13	-50.44	-75.09	-66.69	4.00	9.40	H
	2496.27	-57.36	-13	-44.36	-76.13	-60.93	4.88	10.60	H
	3328.36	-56.37	-13	-43.37	-77.34	-61.30	5.52	12.60	H
	1664.18	-61.69	-13	-48.69	-74.01	-64.94	4.00	9.40	V
	2496.27	-57.02	-13	-44.02	-76.05	-60.59	4.88	10.60	V
	3328.36	-56.02	-13	-43.02	-77.49	-60.95	5.52	12.60	V

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

Appendix D. Reference Report

Please refer to Sporton report number FG170628B which is issued separately.