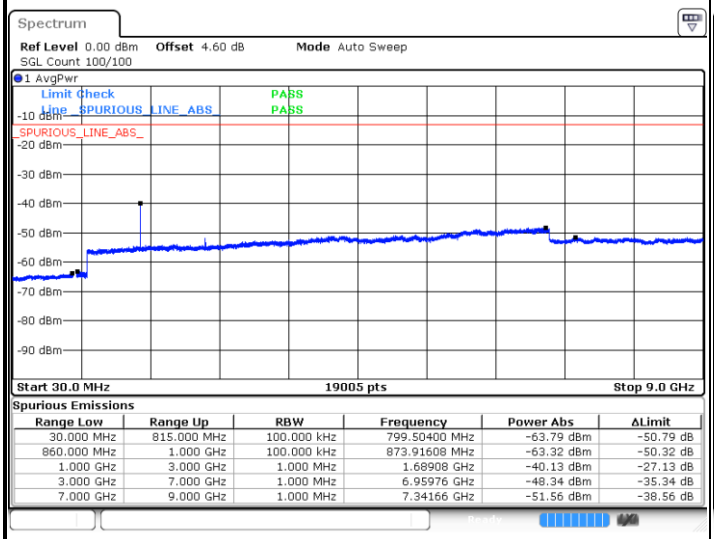
LTE Band 5 / 5MHz

Highest Channel / QPSK

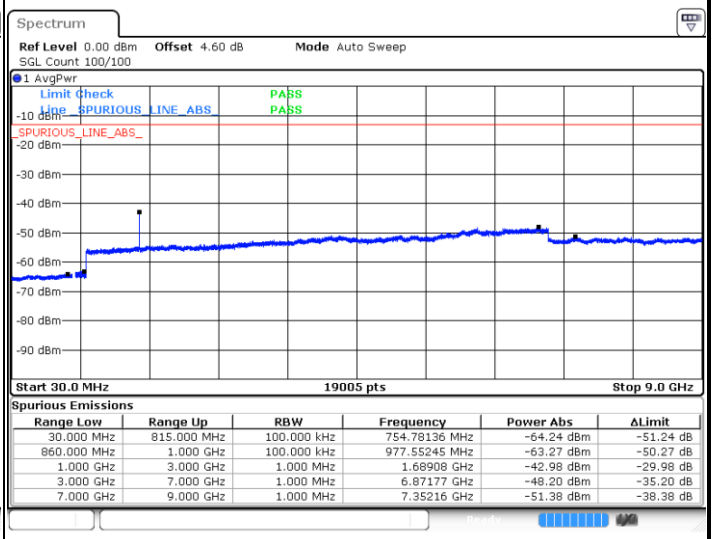


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-63.79 dBm	-50.79 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.91608 MHz	-63.32 dBm	-50.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-40.13 dBm	-27.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95976 GHz	-48.34 dBm	-35.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34166 GHz	-51.56 dBm	-38.56 dB

Date: 19.OCT.2019 16:00:47

Highest Channel / 16QAM



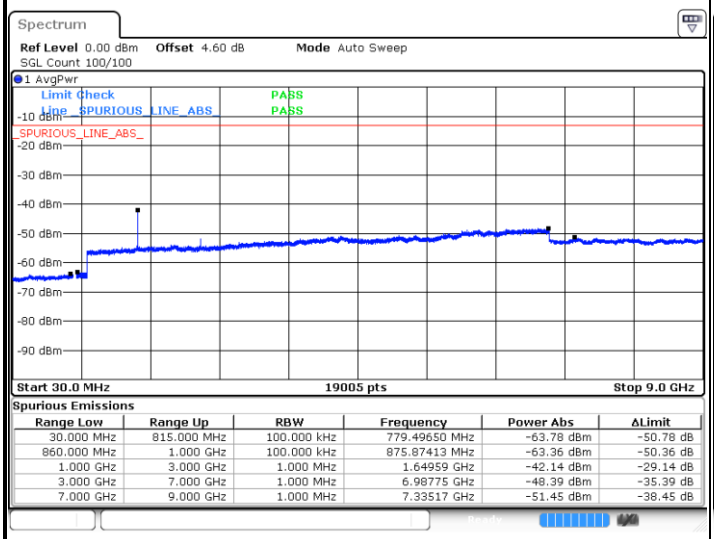
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	754.78136 MHz	-64.24 dBm	-51.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.55245 MHz	-63.27 dBm	-50.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.98 dBm	-29.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87177 GHz	-48.20 dBm	-35.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35216 GHz	-51.38 dBm	-38.38 dB

Date: 19.OCT.2019 16:01:42

LTE Band 5 / 10MHz

Lowest Channel / QPSK

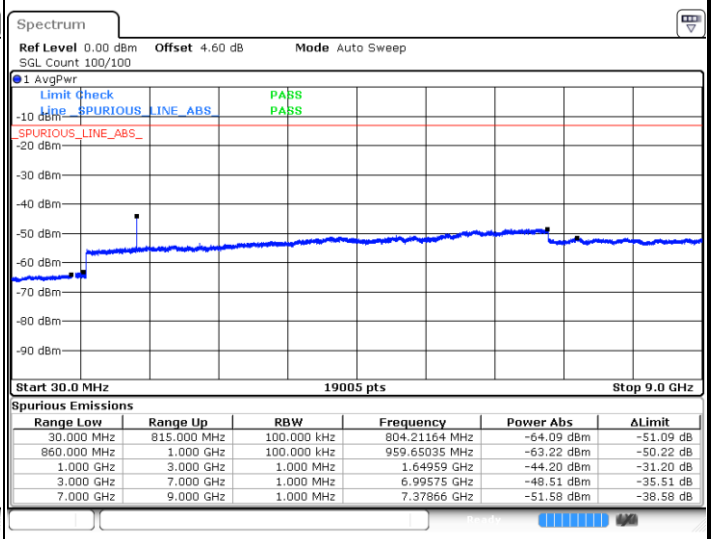


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	779.49650 MHz	-63.78 dBm	-50.78 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.87413 MHz	-63.36 dBm	-50.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-42.14 dBm	-29.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-48.39 dBm	-35.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33517 GHz	-51.45 dBm	-38.45 dB

Date: 19.OCT.2019 16:09:47

Lowest Channel / 16QAM



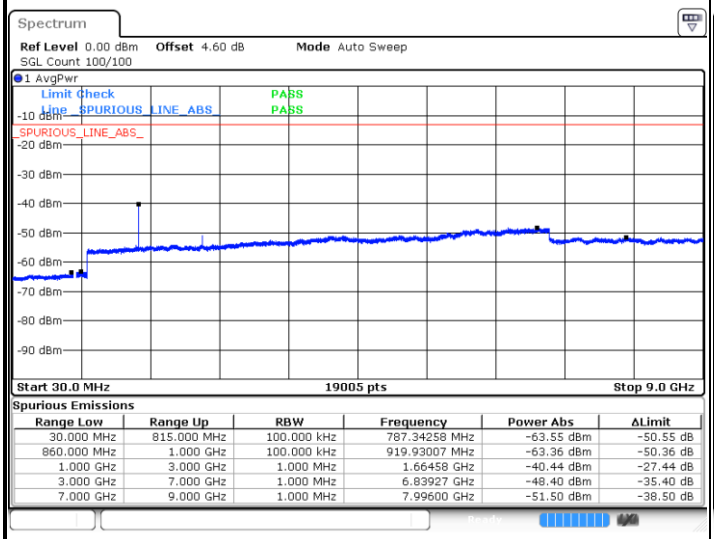
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	804.21164 MHz	-64.09 dBm	-51.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	959.65035 MHz	-63.22 dBm	-50.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-48.51 dBm	-35.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37866 GHz	-51.58 dBm	-38.58 dB

Date: 19.OCT.2019 16:10:42

LTE Band 5 / 10MHz

Middle Channel / QPSK

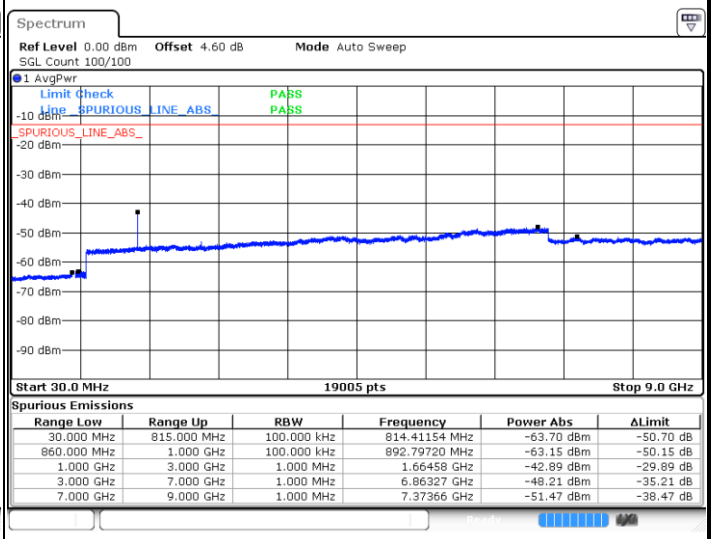


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	787.34258 MHz	-63.55 dBm	-50.55 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.93007 MHz	-63.36 dBm	-50.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-40.44 dBm	-27.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83927 GHz	-48.40 dBm	-35.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99600 GHz	-51.50 dBm	-38.50 dB

Date: 19.OCT.2019 16:12:16

Middle Channel / 16QAM

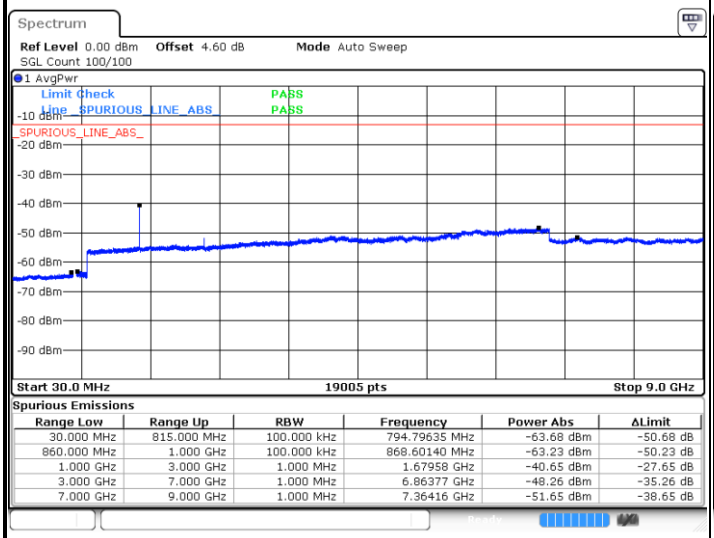


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.70 dBm	-50.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.79720 MHz	-63.15 dBm	-50.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-42.89 dBm	-29.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86327 GHz	-48.21 dBm	-35.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37366 GHz	-51.47 dBm	-38.47 dB

Date: 19.OCT.2019 16:13:11

Highest Channel / QPSK

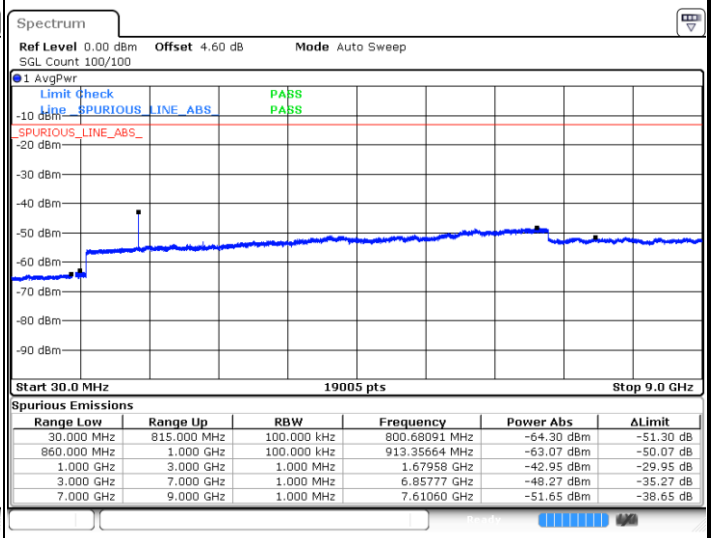


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-63.68 dBm	-50.68 dB
860.000 MHz	1.000 GHz	100.000 kHz	868.60140 MHz	-63.23 dBm	-50.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-40.65 dBm	-27.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-48.26 dBm	-35.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36416 GHz	-51.65 dBm	-38.65 dB

Date: 19.OCT.2019 16:21:16

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	800.68091 MHz	-64.30 dBm	-51.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	913.35664 MHz	-63.07 dBm	-50.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-42.95 dBm	-29.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85777 GHz	-48.27 dBm	-35.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61060 GHz	-51.65 dBm	-38.65 dB

Date: 19.OCT.2019 16:23:55

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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0060	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note: Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.35 V.

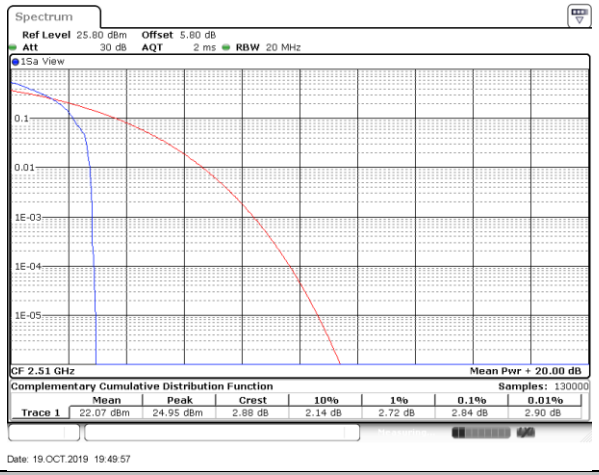
LTE Band 7

Peak-to-Average Ratio

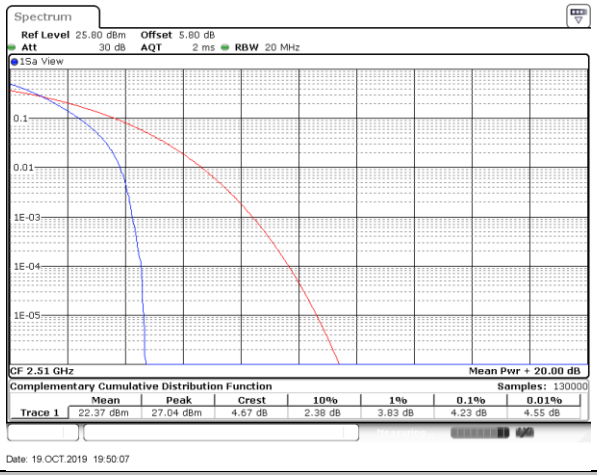
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	2.84	4.23	4.12	5.30	PASS
Middle CH	3.54	4.84	4.32	5.91	
Highest CH	3.16	4.67	4.17	5.68	

LTE Band 7 / 20MHz / QPSK

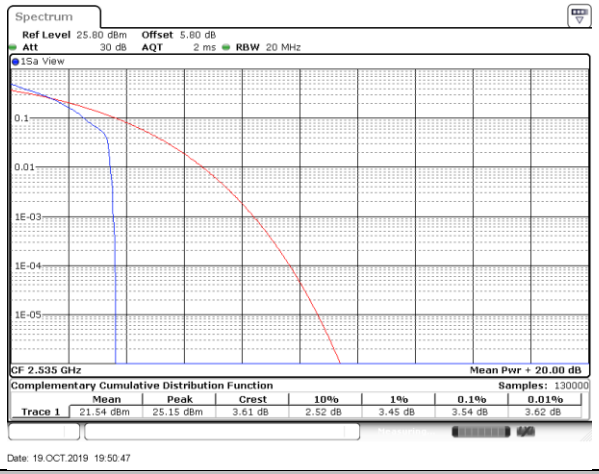
Lowest Channel / 1RB



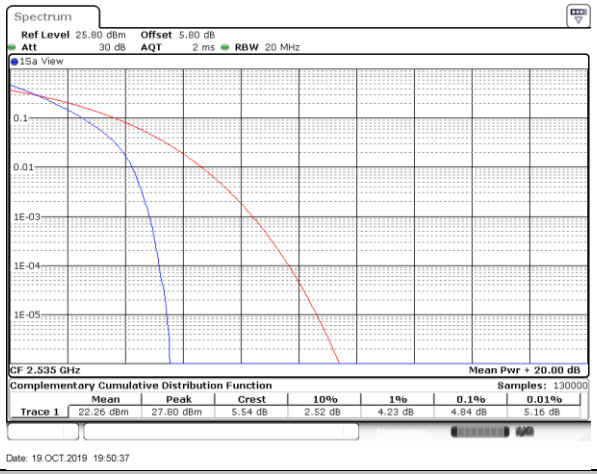
Lowest Channel / Full RB



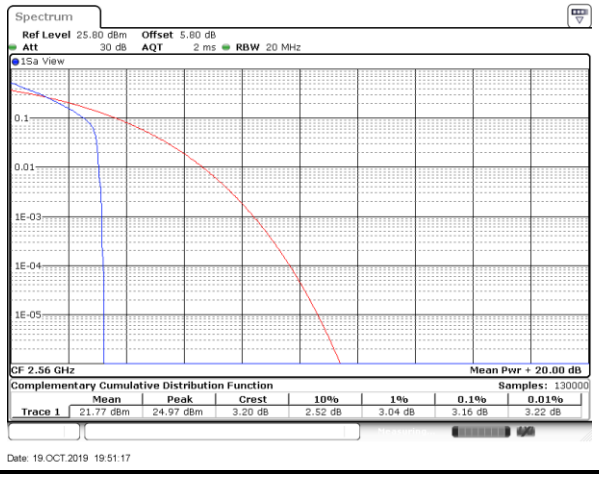
Middle Channel / 1RB



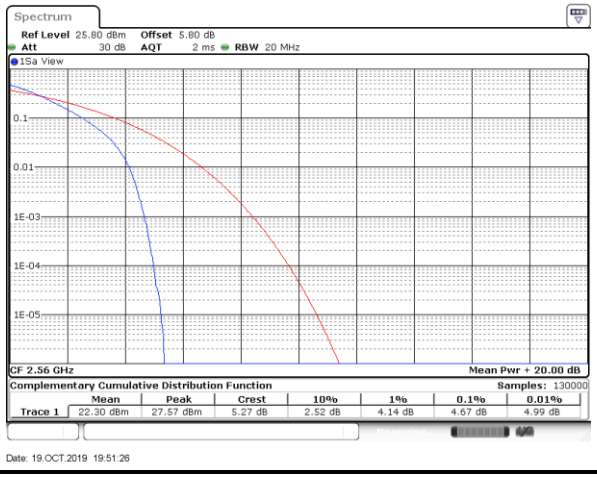
Middle Channel / Full RB



Highest Channel / 1RB

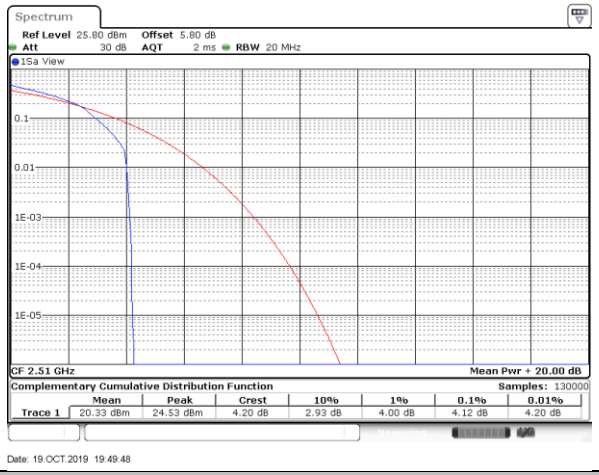


Highest Channel / Full RB

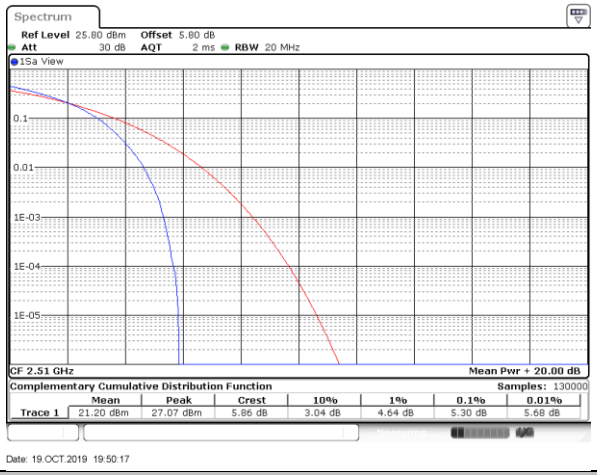


LTE Band 7 / 20MHz / 16QAM

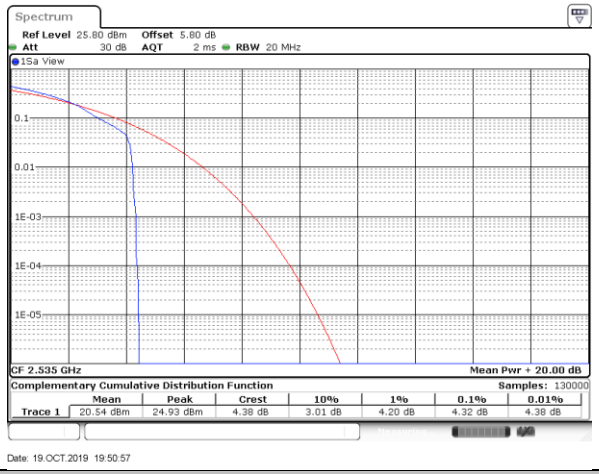
Lowest Channel / 1RB



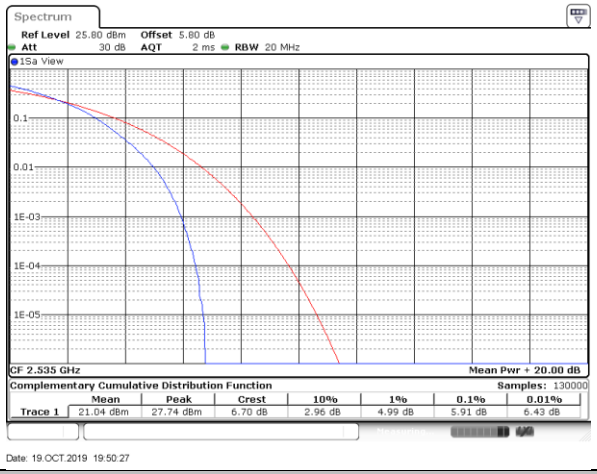
Lowest Channel / Full RB



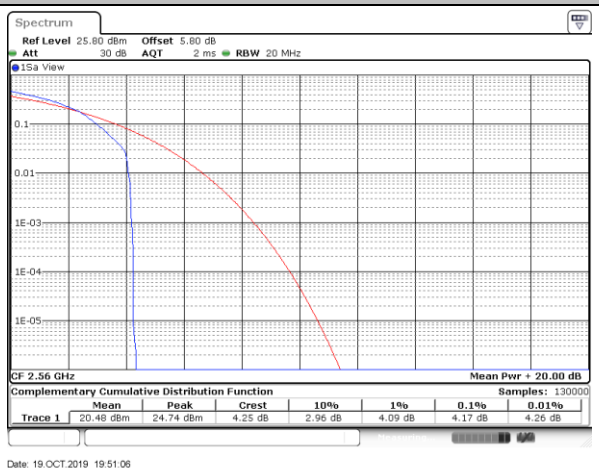
Middle Channel / 1RB



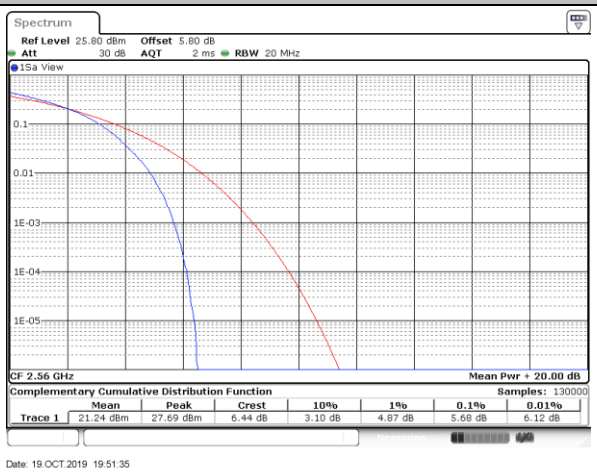
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

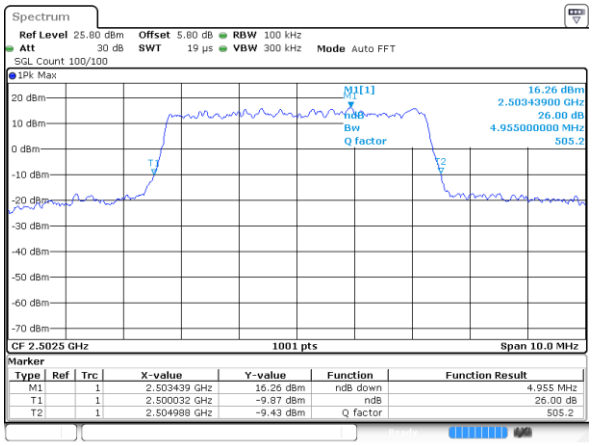


26dB Bandwidth

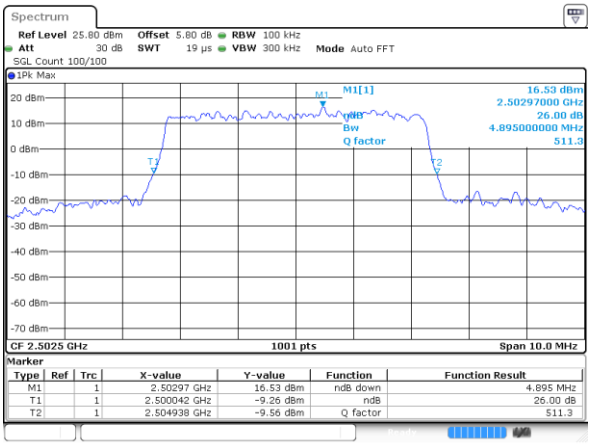
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.955	4.895	9.83	9.83	14.595	14.206	20.14	20.10
Middle CH	-	-	-	-	4.895	4.875	9.81	9.77	14.146	14.236	20.22	20.26
Highest CH	-	-	-	-	5.045	4.825	9.65	9.79	14.326	14.236	20.38	20.14

LTE Band 7

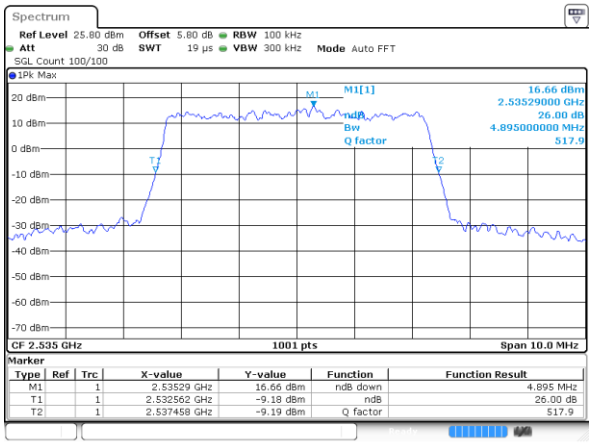
Lowest Channel / 5MHz / QPSK



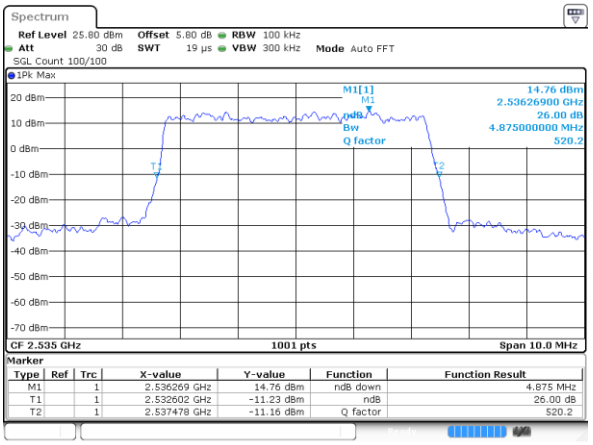
Lowest Channel / 5MHz / 16QAM



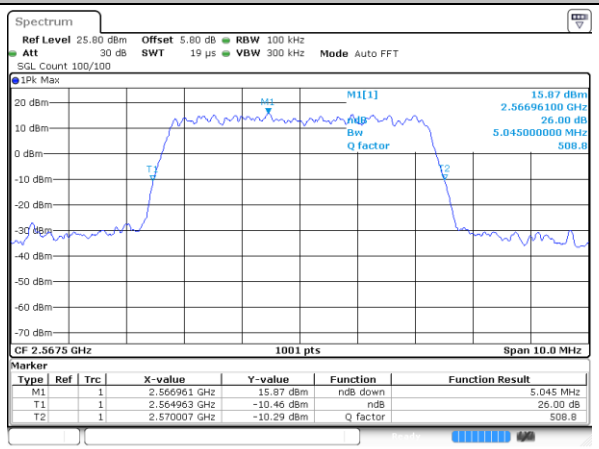
Middle Channel / 5MHz / QPSK



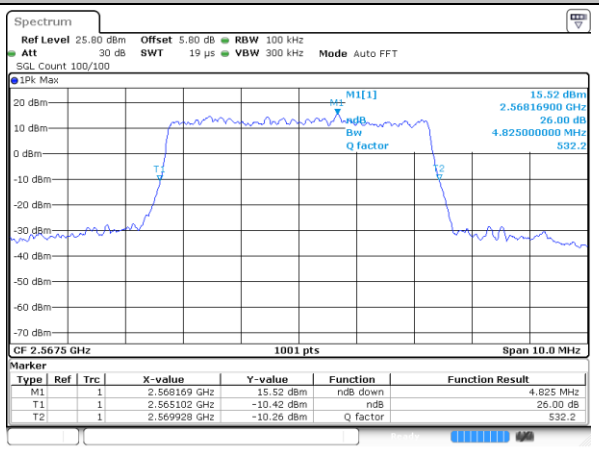
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

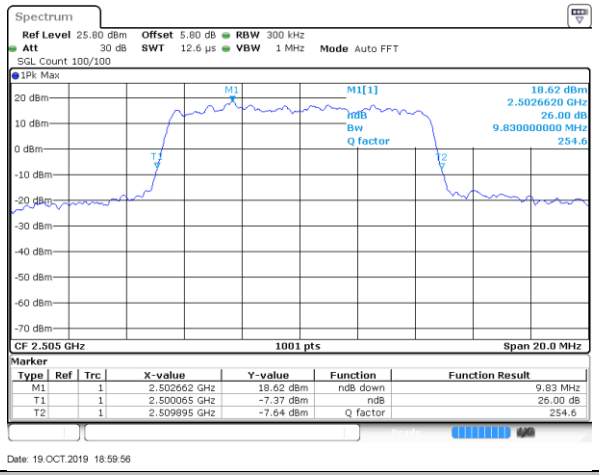


Highest Channel / 5MHz / 16QAM

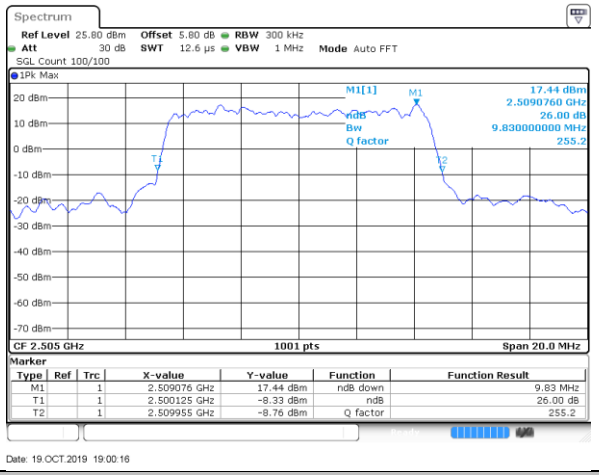


LTE Band 7

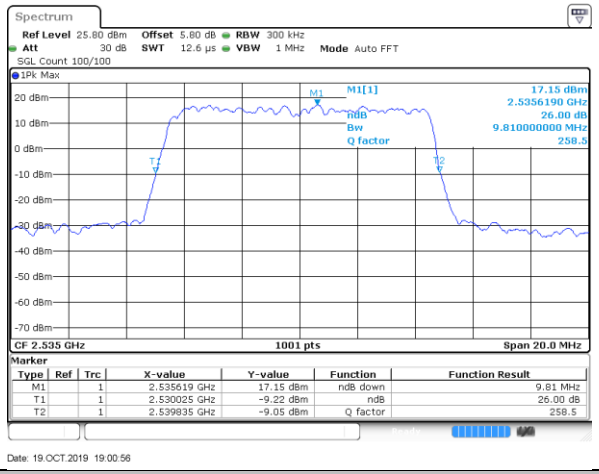
Lowest Channel / 10MHz / QPSK



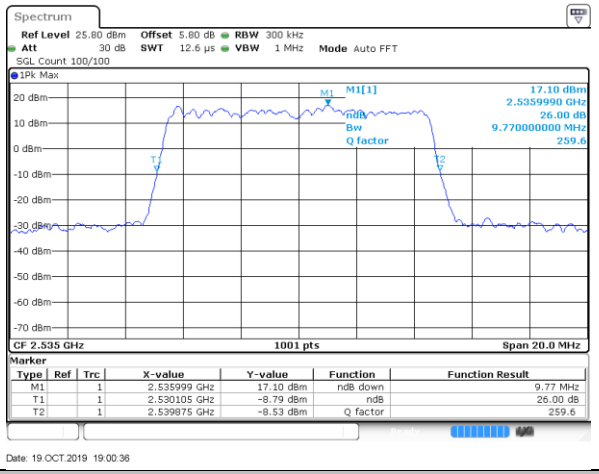
Lowest Channel / 10MHz / 16QAM



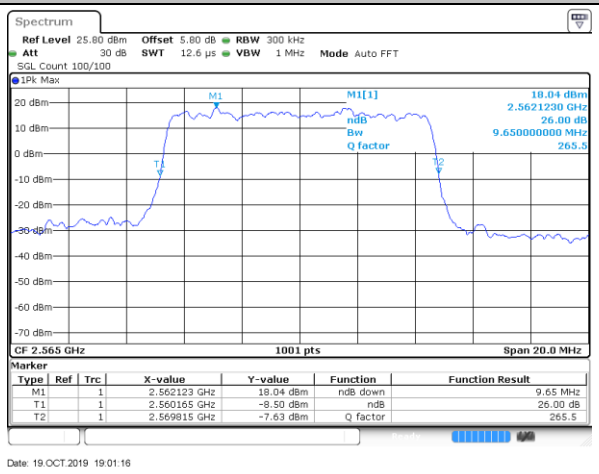
Middle Channel / 10MHz / QPSK



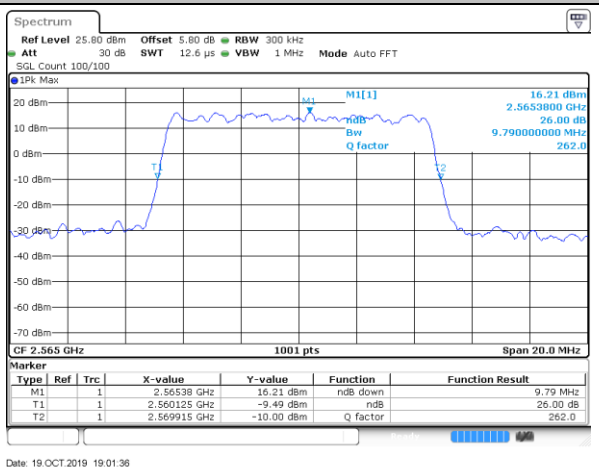
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

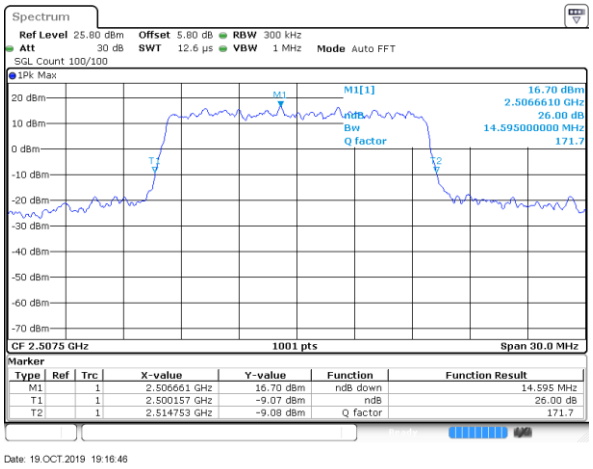


Highest Channel / 10MHz / 16QAM

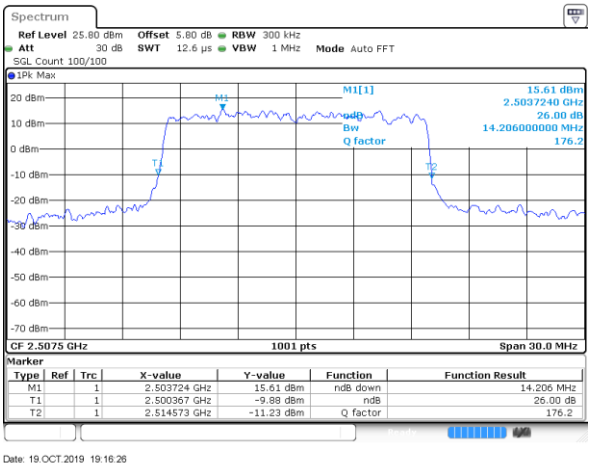


LTE Band 7

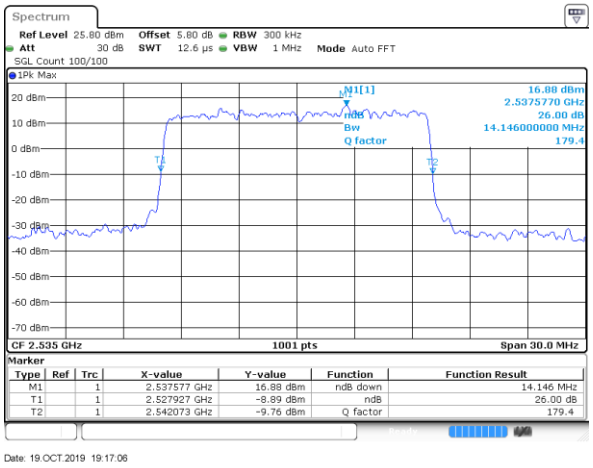
Lowest Channel / 15MHz / QPSK



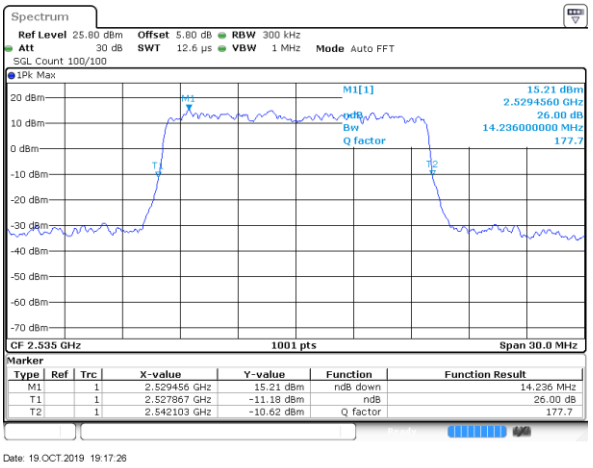
Lowest Channel / 15MHz / 16QAM



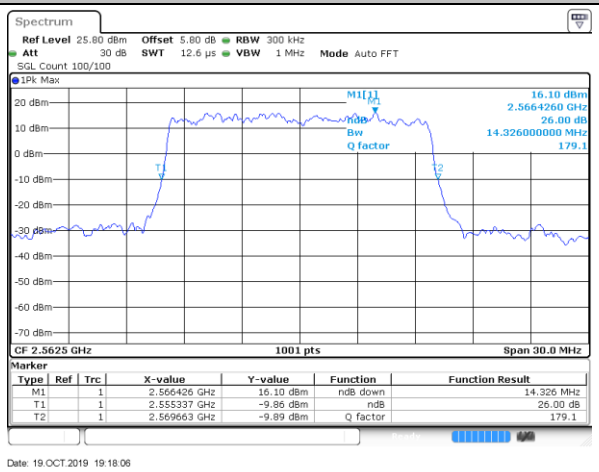
Middle Channel / 15MHz / QPSK



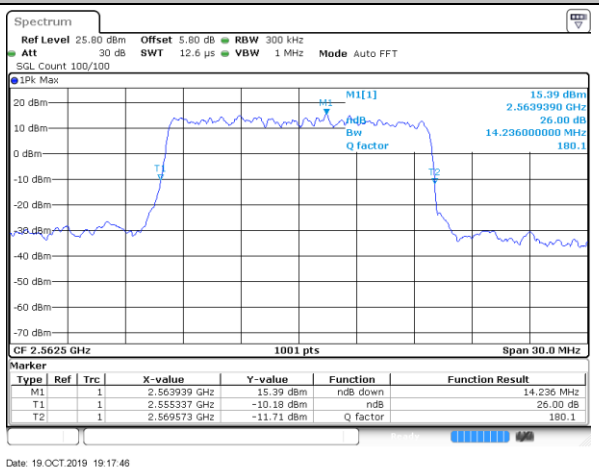
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

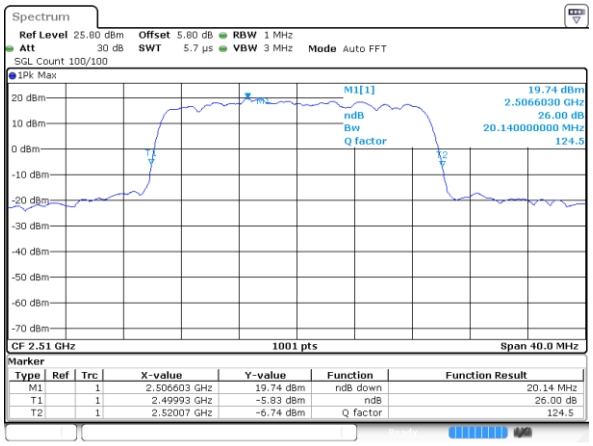


Highest Channel / 15MHz / 16QAM

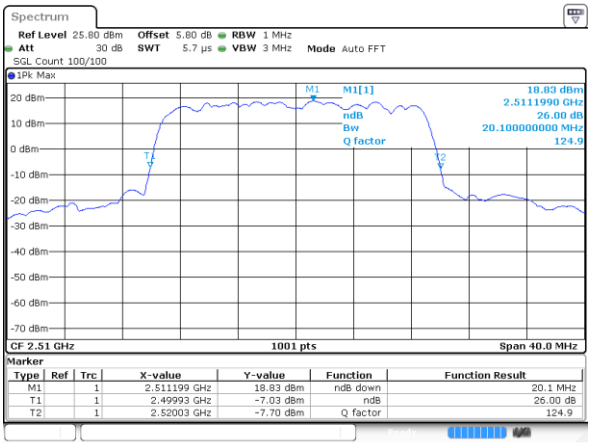


LTE Band 7

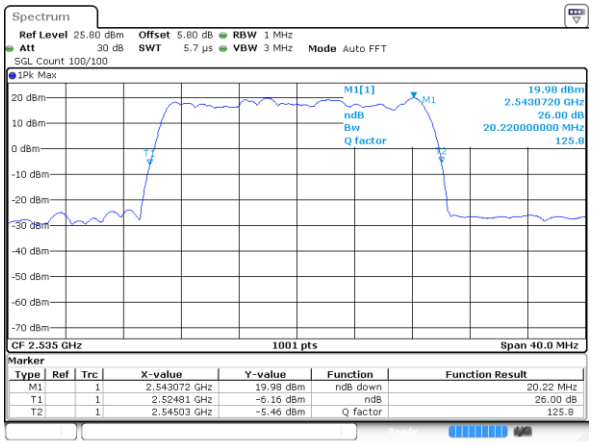
Lowest Channel / 20MHz / QPSK



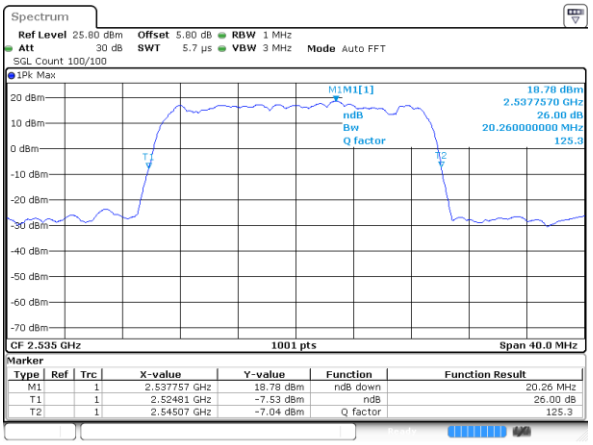
Lowest Channel / 20MHz / 16QAM



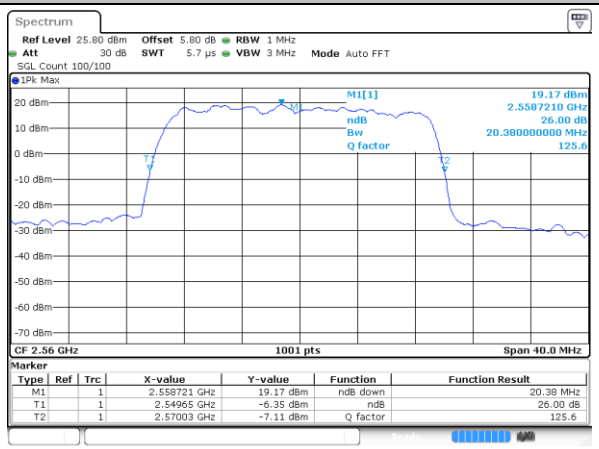
Middle Channel / 20MHz / QPSK



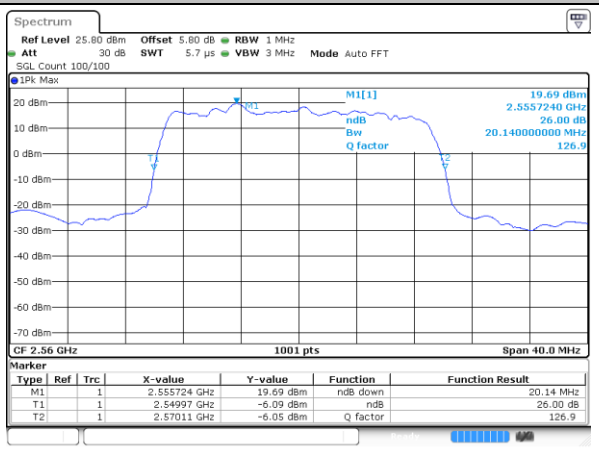
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

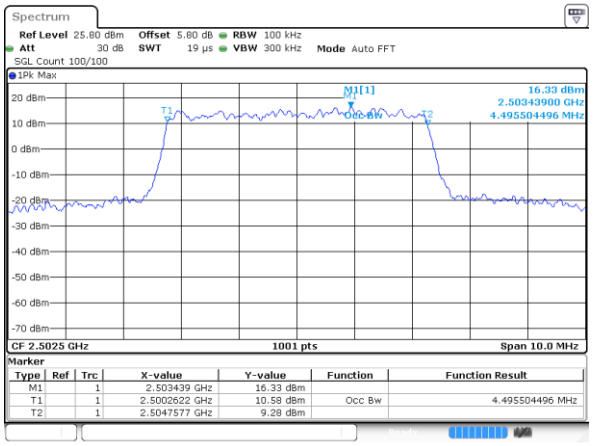


Occupied Bandwidth

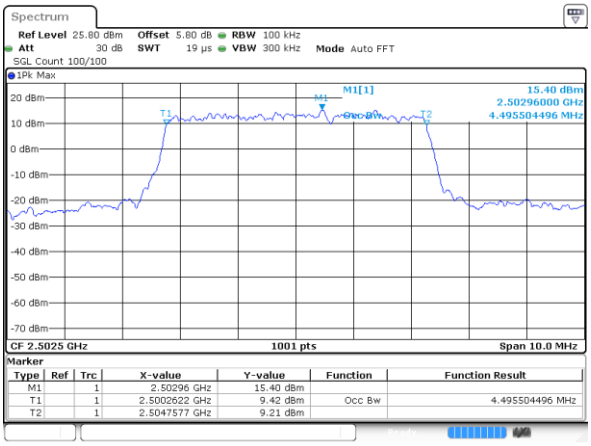
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.50	9.01	8.95	13.43	13.43	18.22	18.42
Middle CH	-	-	-	-	4.50	4.49	9.03	9.01	13.40	13.37	18.26	18.22
Highest CH	-	-	-	-	4.50	4.51	9.01	8.99	13.40	13.40	18.22	18.18

LTE Band 7

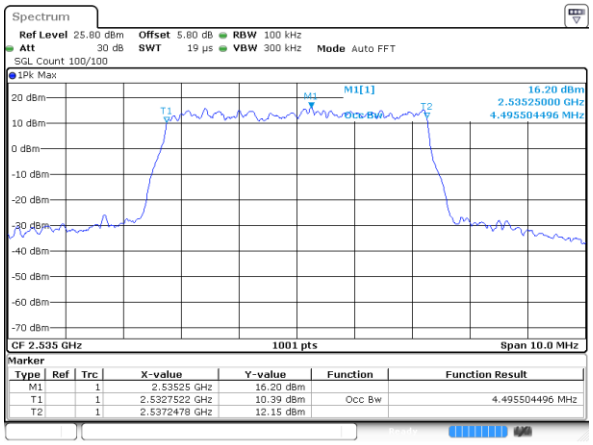
Lowest Channel / 5MHz / QPSK



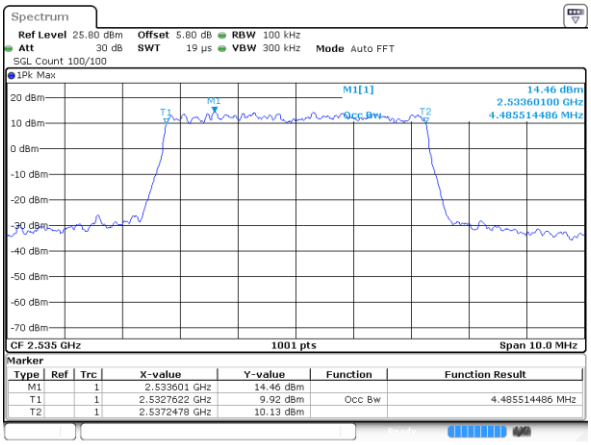
Lowest Channel / 5MHz / 16QAM



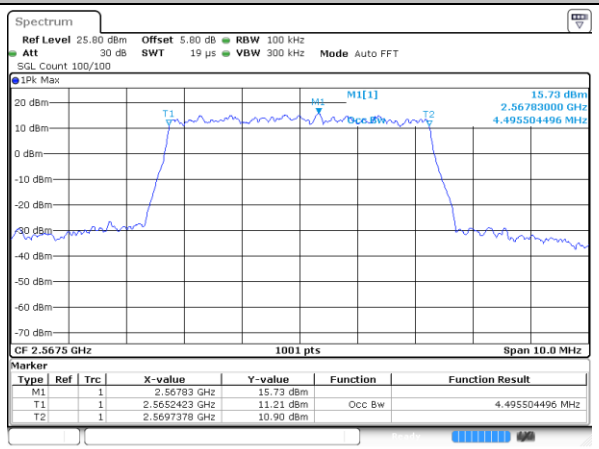
Middle Channel / 5MHz / QPSK



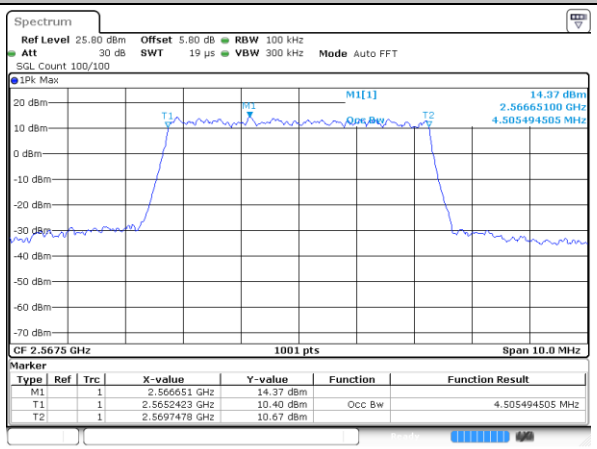
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

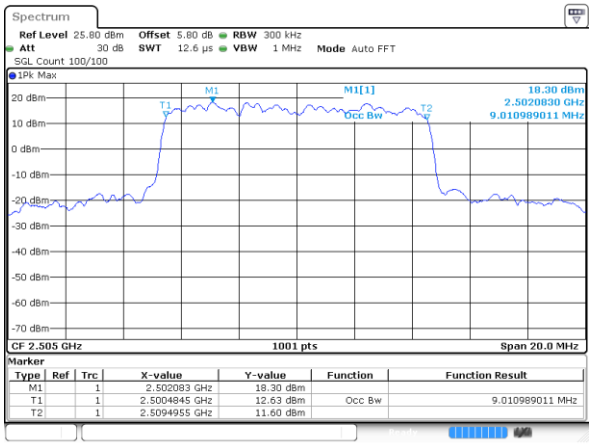


Highest Channel / 5MHz / 16QAM

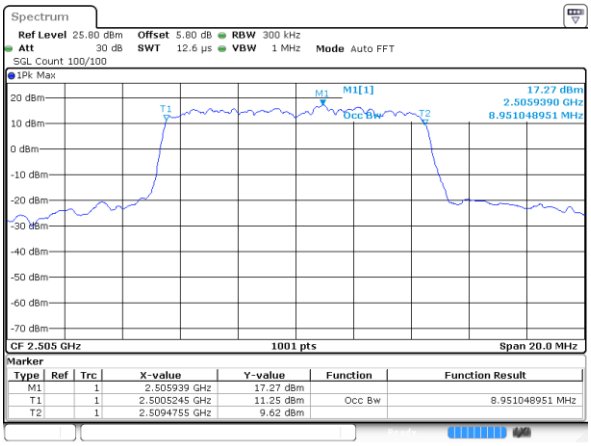


LTE Band 7

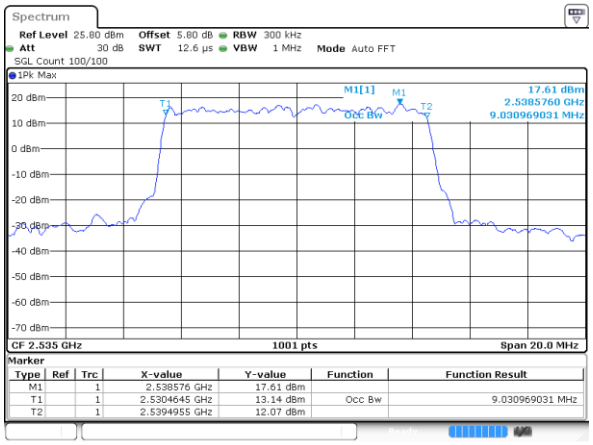
Lowest Channel / 10MHz / QPSK



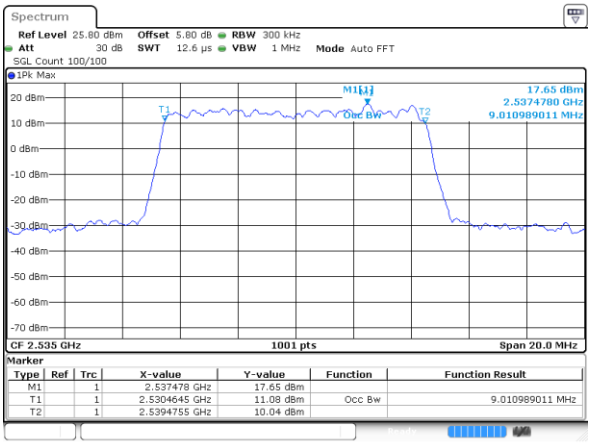
Lowest Channel / 10MHz / 16QAM



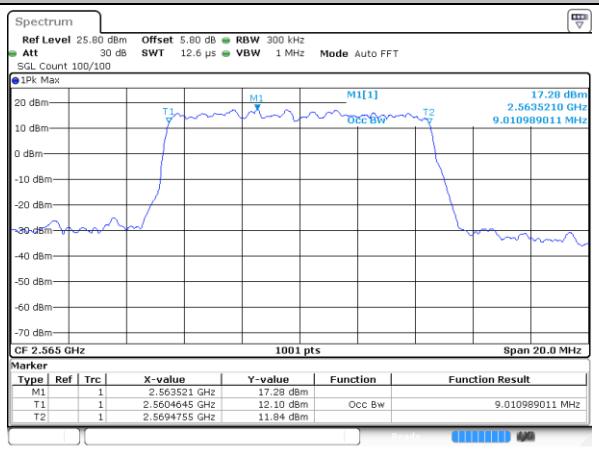
Middle Channel / 10MHz / QPSK



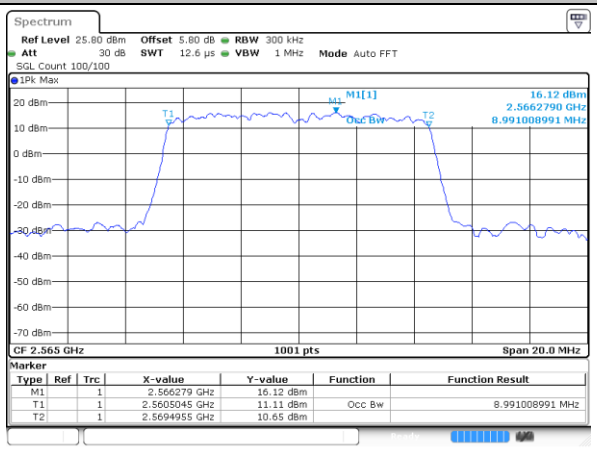
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

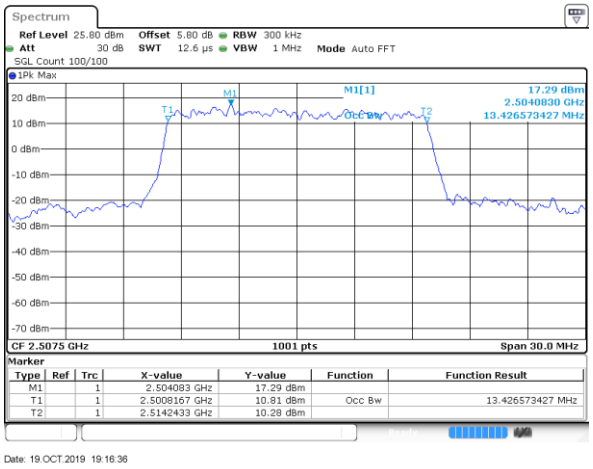


Highest Channel / 10MHz / 16QAM

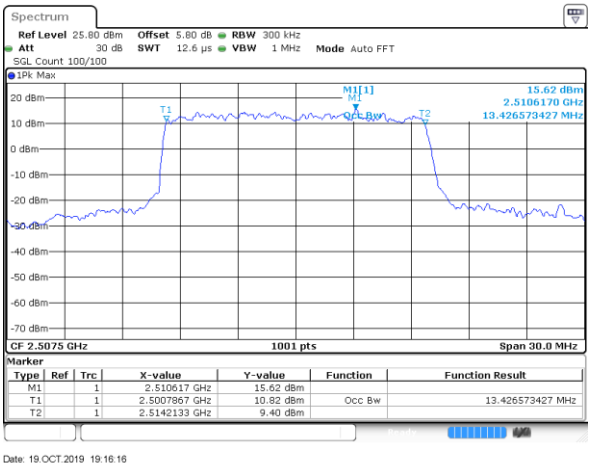


LTE Band 7

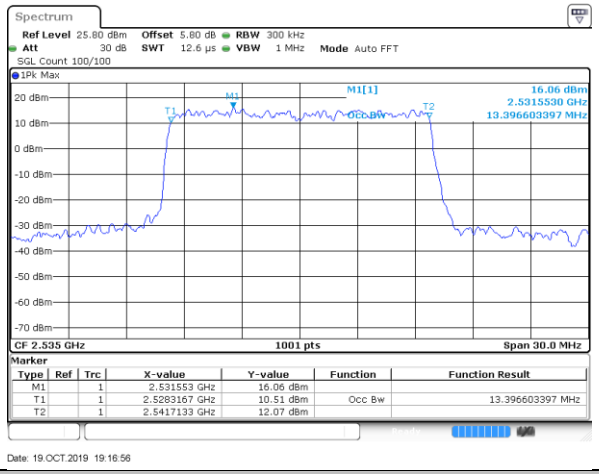
Lowest Channel / 15MHz / QPSK



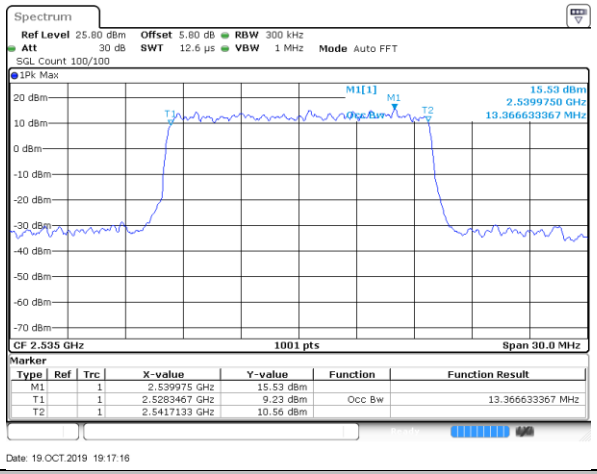
Lowest Channel / 15MHz / 16QAM



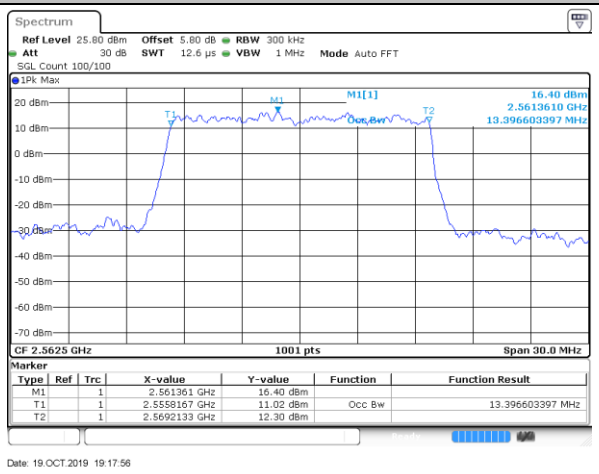
Middle Channel / 15MHz / QPSK



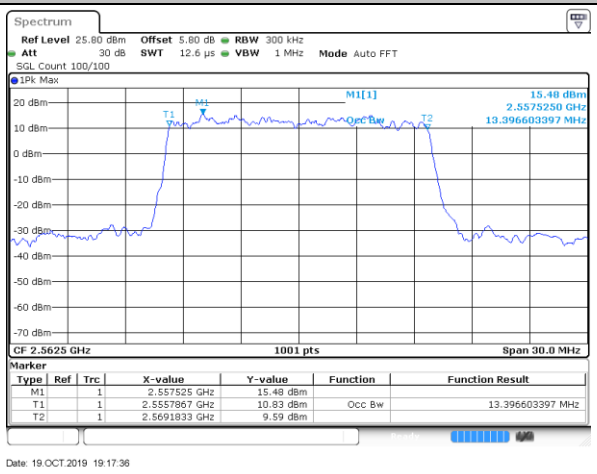
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

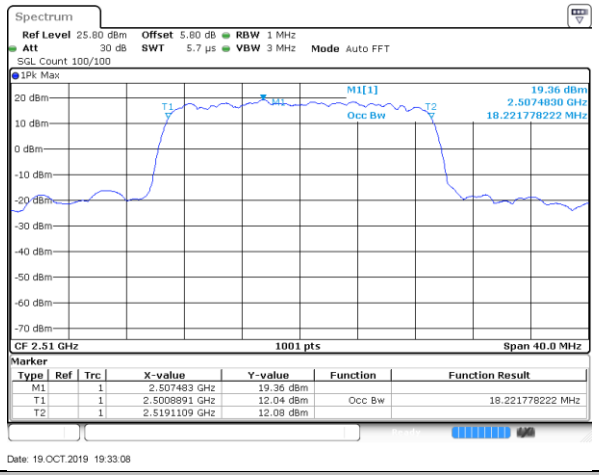


Highest Channel / 15MHz / 16QAM

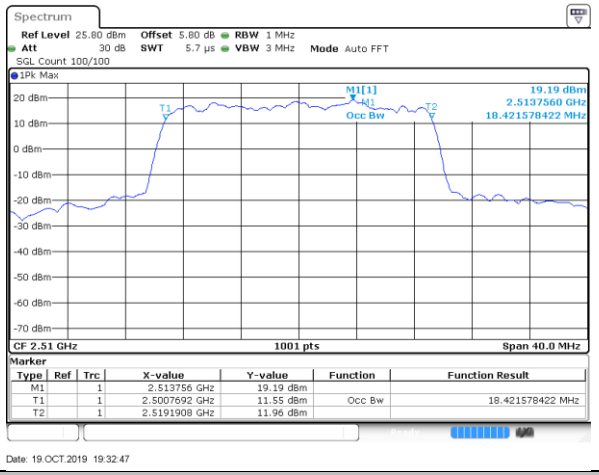


LTE Band 7

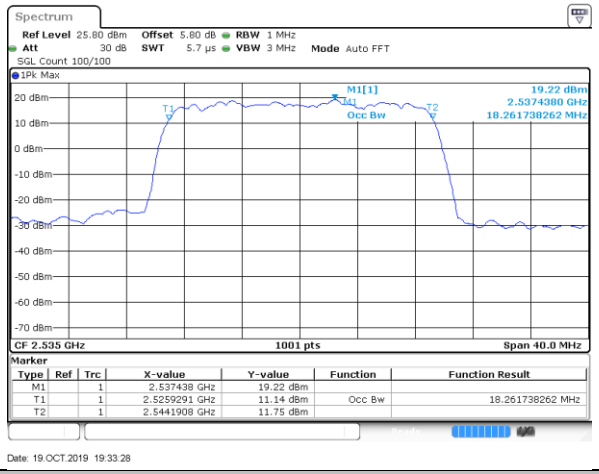
Lowest Channel / 20MHz / QPSK



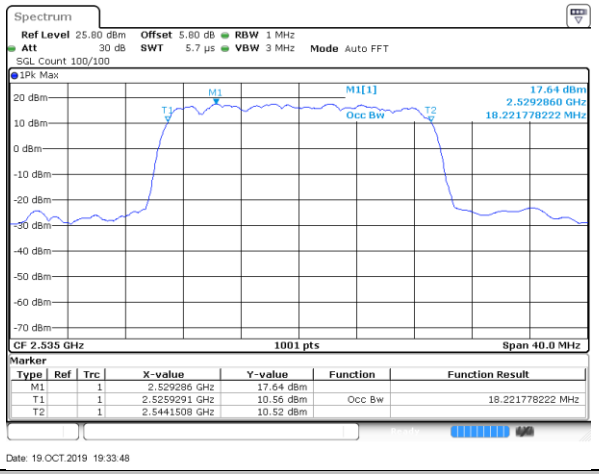
Lowest Channel / 20MHz / 16QAM



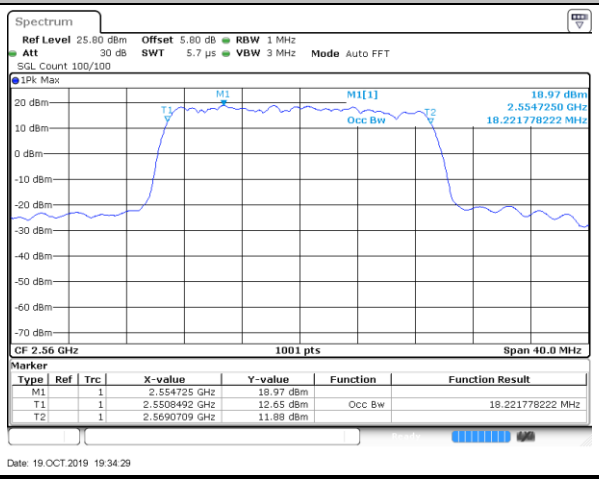
Middle Channel / 20MHz / QPSK



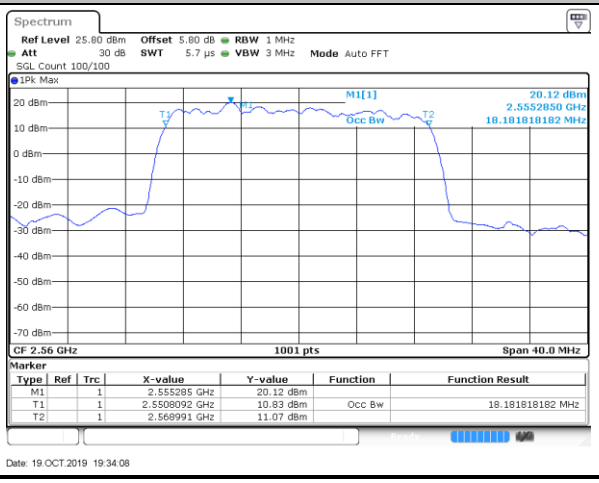
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



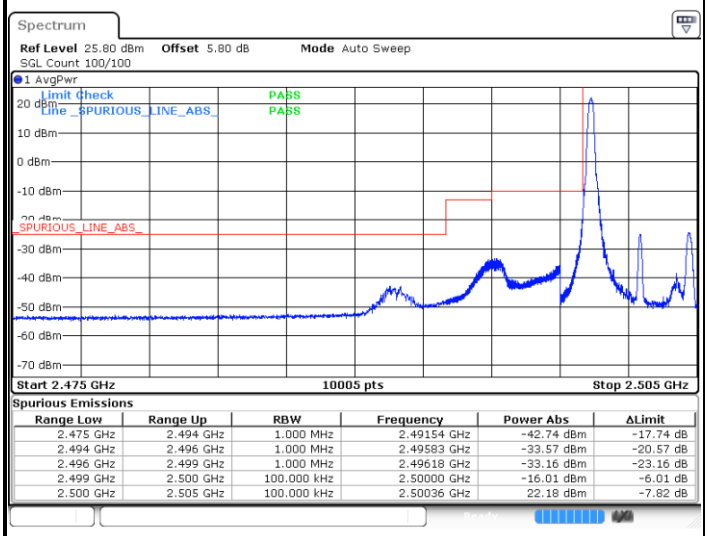
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

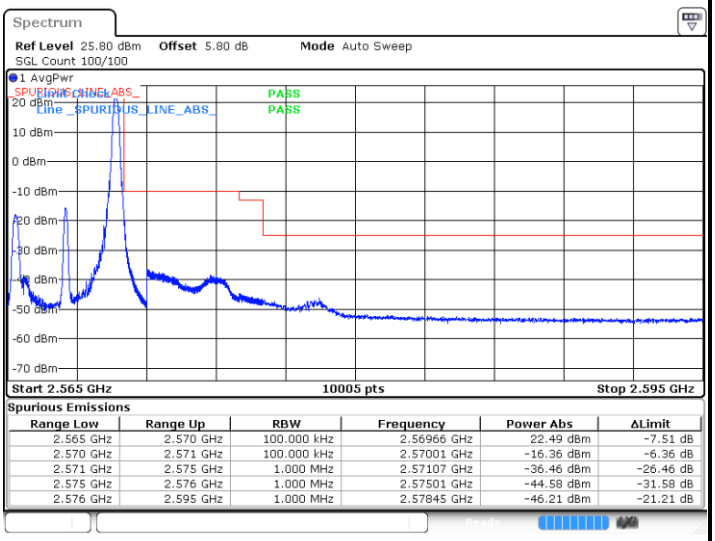


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49154 GHz	-42.74 dBm	-17.74 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49583 GHz	-33.57 dBm	-20.57 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49618 GHz	-33.16 dBm	-23.16 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-16.01 dBm	-6.01 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50036 GHz	22.18 dBm	-7.82 dB

Date: 19.OCT.2019 18:46:13

Highest Band Edge / 1 RB

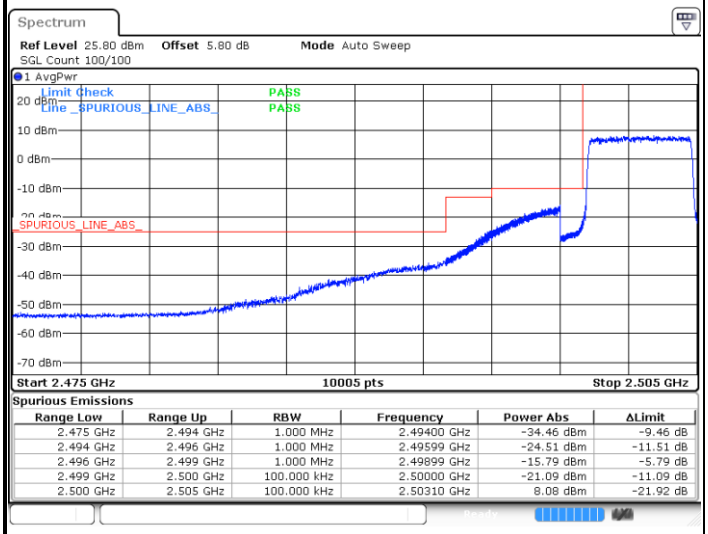


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	22.49 dBm	-7.51 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-16.36 dBm	-6.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-36.46 dBm	-26.46 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-44.58 dBm	-31.58 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57845 GHz	-46.21 dBm	-21.21 dB

Date: 19.OCT.2019 18:54:11

Lowest Band Edge / Full RB

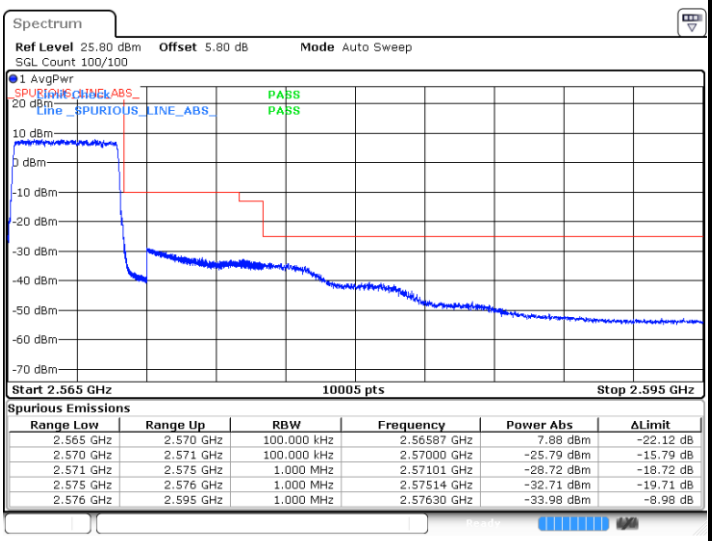


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49400 GHz	-34.46 dBm	-9.46 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-24.51 dBm	-11.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-15.79 dBm	-5.79 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-21.09 dBm	-11.09 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50310 GHz	8.08 dBm	-21.92 dB

Date: 19.OCT.2019 18:49:39

Highest Band Edge / Full RB



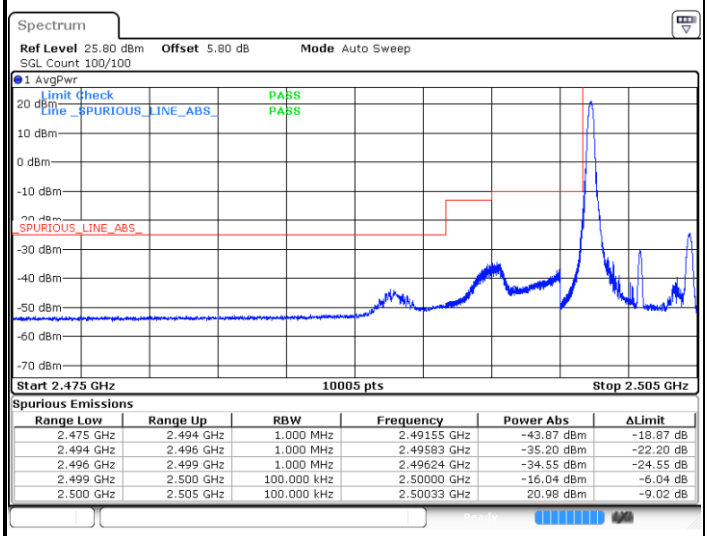
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56587 GHz	7.88 dBm	-22.12 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-25.79 dBm	-15.79 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-28.72 dBm	-18.72 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57514 GHz	-32.71 dBm	-19.71 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57630 GHz	-33.98 dBm	-8.98 dB

Date: 19.OCT.2019 18:50:47

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

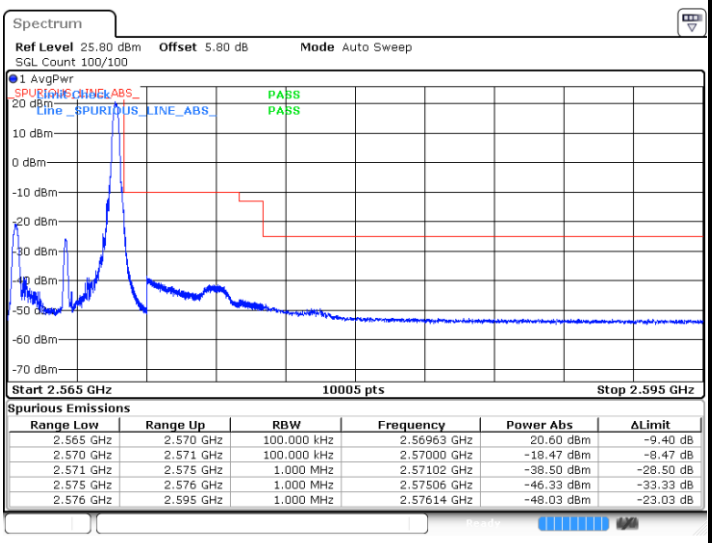


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49155 GHz	-43.87 dBm	-18.87 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49583 GHz	-35.20 dBm	-22.20 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49624 GHz	-34.55 dBm	-24.55 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-16.04 dBm	-6.04 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.98 dBm	-9.02 dB

Date: 19.OCT.2019 18:47:22

Highest Band Edge / 1 RB

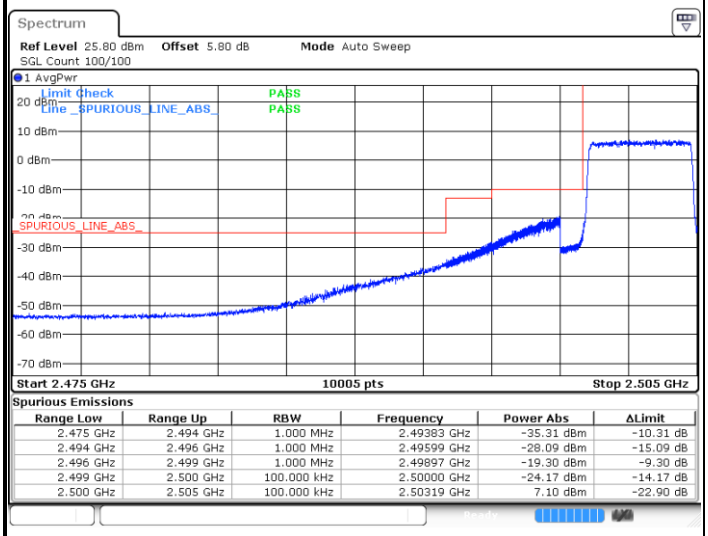


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56963 GHz	20.60 dBm	-9.40 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-18.47 dBm	-8.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-38.50 dBm	-28.50 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57506 GHz	-46.33 dBm	-33.33 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57614 GHz	-48.03 dBm	-23.03 dB

Date: 19.OCT.2019 18:53:03

Lowest Band Edge / Full RB

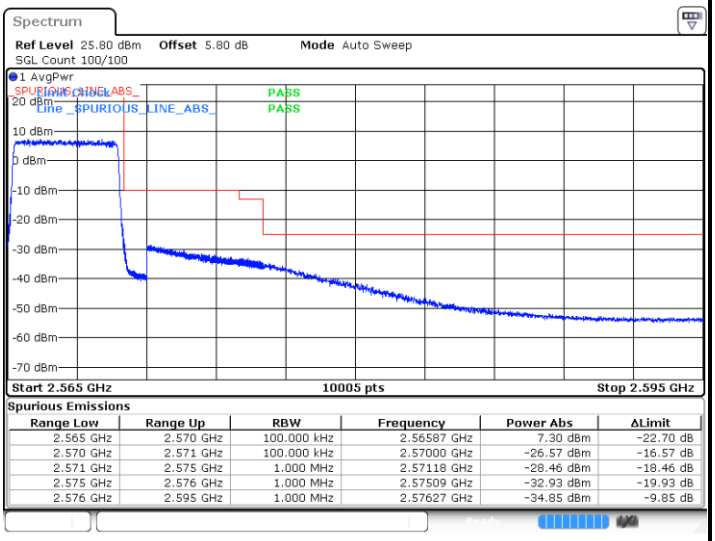


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49383 GHz	-35.31 dBm	-10.31 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-28.09 dBm	-15.09 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-19.30 dBm	-9.30 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-24.17 dBm	-14.17 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50319 GHz	7.10 dBm	-22.90 dB

Date: 19.OCT.2019 18:48:30

Highest Band Edge / Full RB



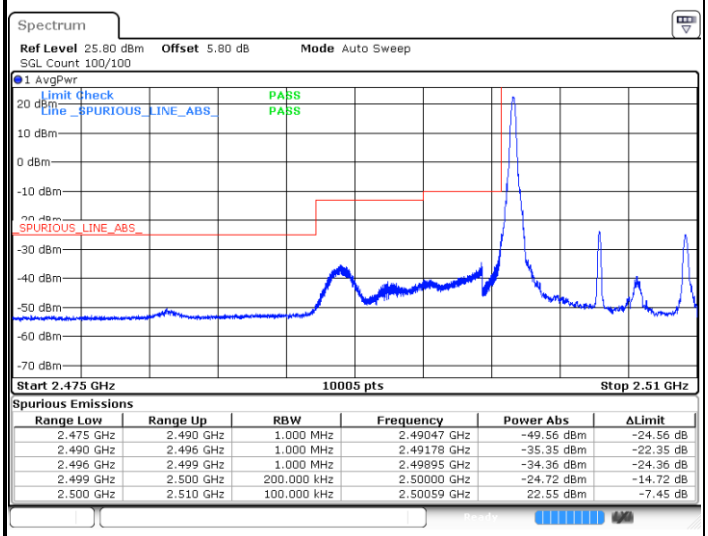
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56587 GHz	7.30 dBm	-22.70 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-26.57 dBm	-16.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-28.46 dBm	-18.46 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-32.93 dBm	-19.93 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57627 GHz	-34.85 dBm	-9.85 dB

Date: 19.OCT.2019 18:51:55

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

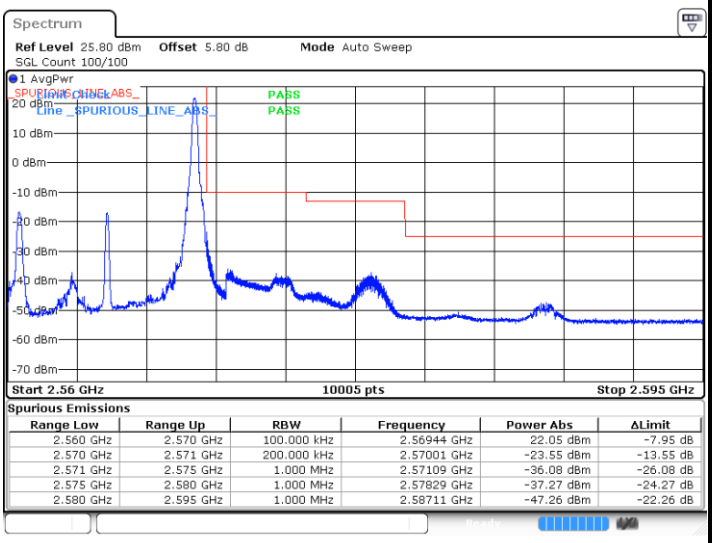


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-49.56 dBm	-24.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49178 GHz	-35.35 dBm	-22.35 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-34.36 dBm	-24.36 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-24.72 dBm	-14.72 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	22.55 dBm	-7.45 dB

Date: 19.OCT.2019 19:02:44

Highest Band Edge / 1 RB

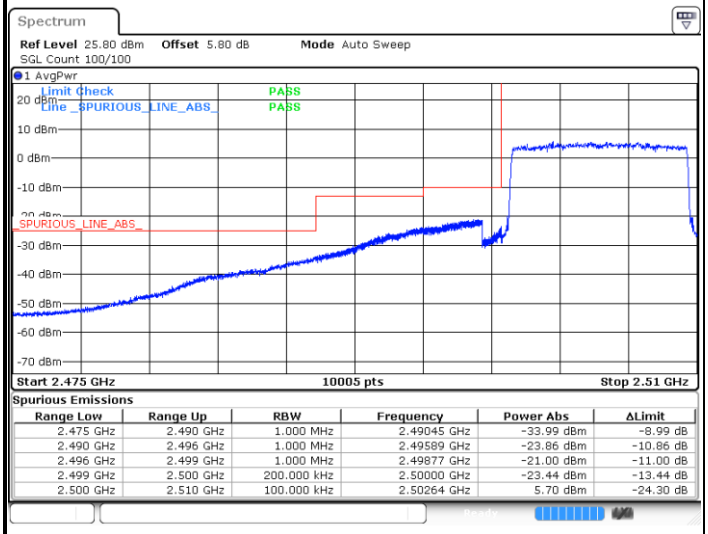


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	22.05 dBm	-7.95 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-23.55 dBm	-13.55 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-36.08 dBm	-26.08 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57829 GHz	-37.27 dBm	-24.27 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58711 GHz	-47.26 dBm	-22.26 dB

Date: 19.OCT.2019 19:10:42

Lowest Band Edge / Full RB

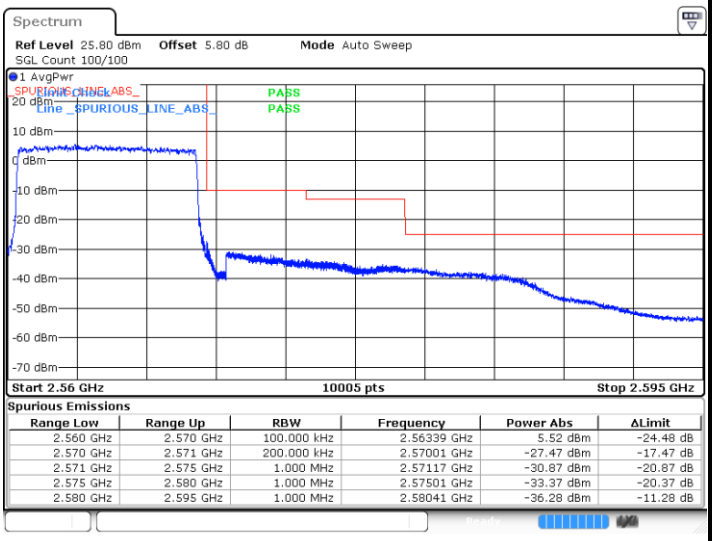


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-33.99 dBm	-8.99 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-23.86 dBm	-10.86 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49877 GHz	-21.00 dBm	-11.00 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-23.44 dBm	-13.44 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50264 GHz	5.70 dBm	-24.30 dB

Date: 19.OCT.2019 19:06:09

Highest Band Edge / Full RB



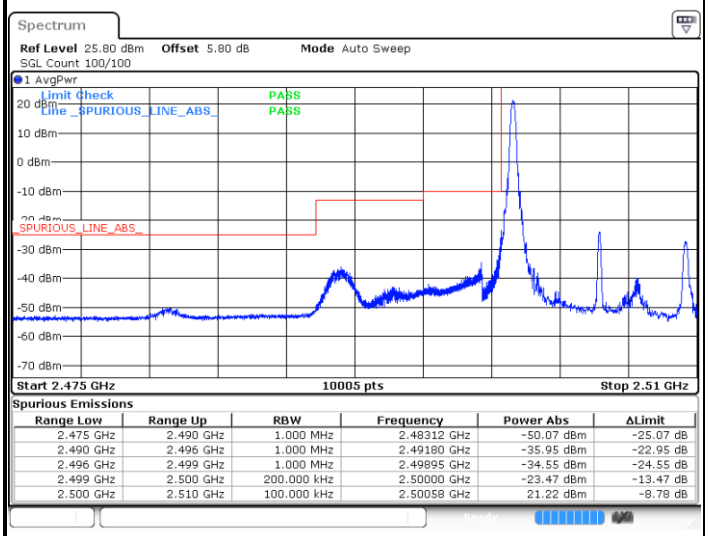
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56339 GHz	5.52 dBm	-24.48 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-27.47 dBm	-17.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-30.87 dBm	-20.87 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57501 GHz	-33.37 dBm	-20.37 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58041 GHz	-36.28 dBm	-11.28 dB

Date: 19.OCT.2019 19:07:17

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

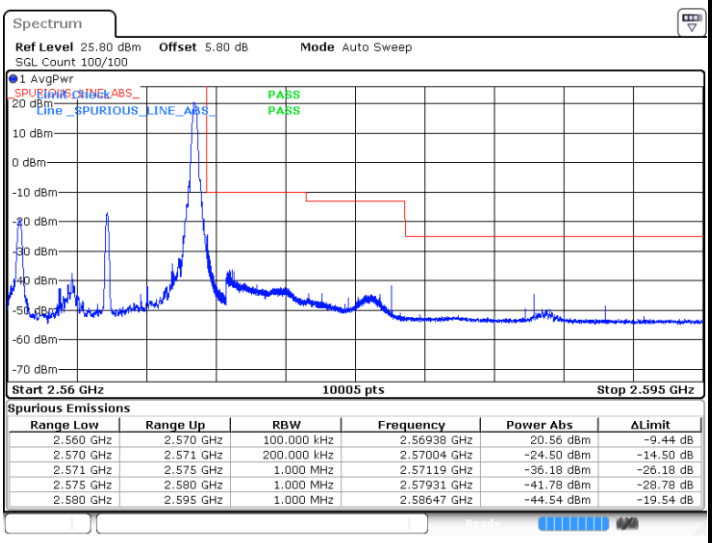


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48312 GHz	-50.07 dBm	-25.07 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49180 GHz	-35.95 dBm	-22.95 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-34.55 dBm	-24.55 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-23.47 dBm	-13.47 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	21.22 dBm	-8.78 dB

Date: 19.OCT.2019 19:03:53

Highest Band Edge / 1 RB

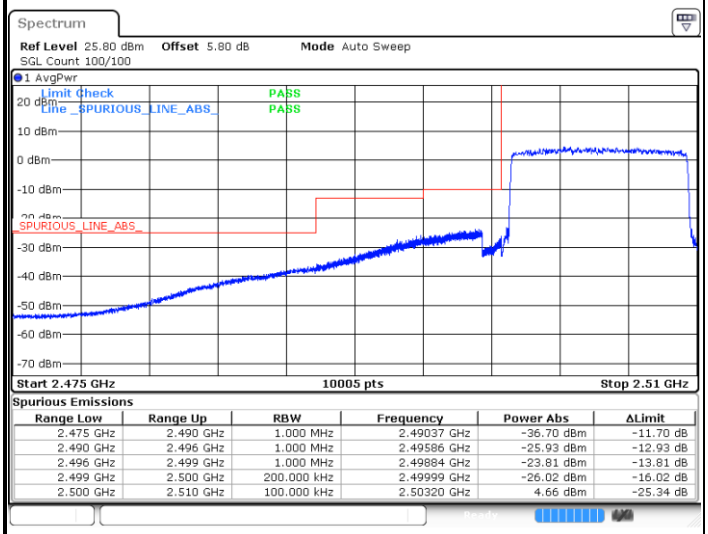


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56938 GHz	20.56 dBm	-9.44 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57004 GHz	-24.50 dBm	-14.50 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-36.18 dBm	-26.18 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57931 GHz	-41.78 dBm	-28.78 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58647 GHz	-44.54 dBm	-19.54 dB

Date: 19.OCT.2019 19:09:33

Lowest Band Edge / Full RB

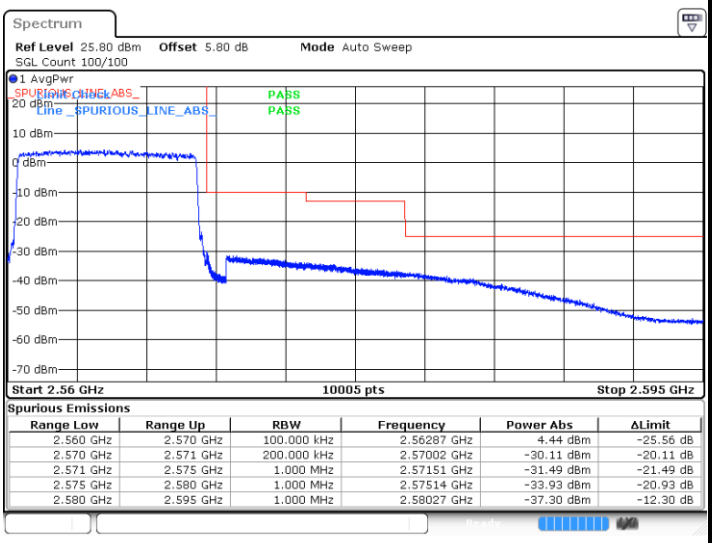


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-36.70 dBm	-11.70 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49586 GHz	-25.93 dBm	-12.93 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-23.81 dBm	-13.81 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-26.02 dBm	-16.02 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50320 GHz	4.66 dBm	-25.34 dB

Date: 19.OCT.2019 19:05:01

Highest Band Edge / Full RB



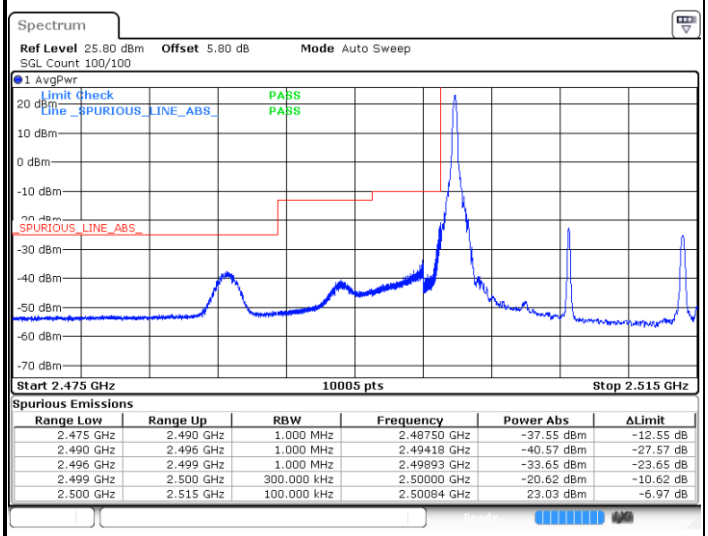
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56287 GHz	4.44 dBm	-25.56 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-30.11 dBm	-20.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57151 GHz	-31.49 dBm	-21.49 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57514 GHz	-33.93 dBm	-20.93 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58027 GHz	-37.30 dBm	-12.30 dB

Date: 19.OCT.2019 19:08:25

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

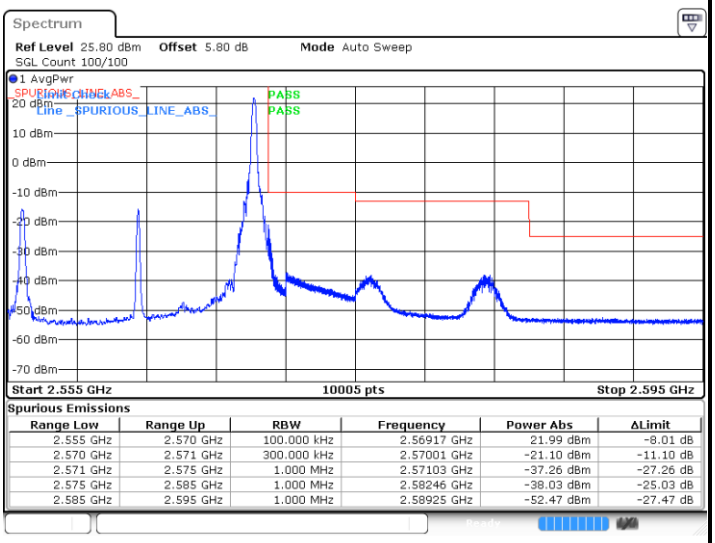


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48750 GHz	-37.55 dBm	-12.55 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49418 GHz	-40.57 dBm	-27.57 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-33.65 dBm	-23.65 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-20.62 dBm	-10.62 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	23.03 dBm	-6.97 dB

Date: 19.OCT.2019 19:19:15

Highest Band Edge / 1 RB

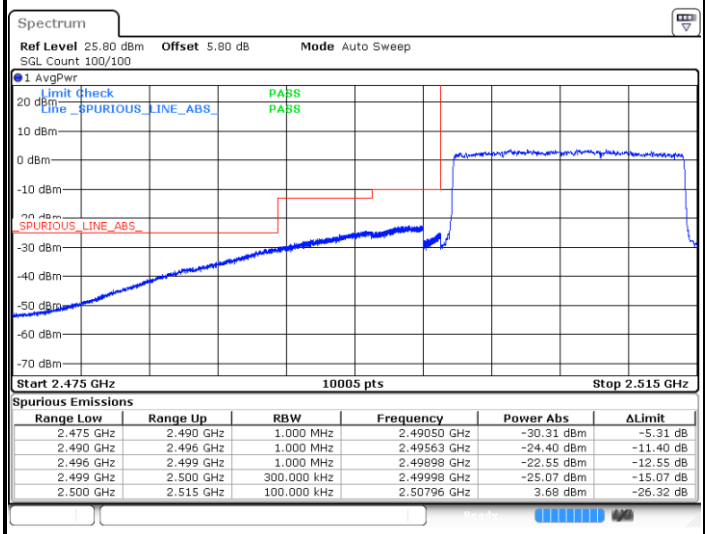


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	21.99 dBm	-8.01 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-21.10 dBm	-11.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-37.26 dBm	-27.26 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58246 GHz	-38.03 dBm	-25.03 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58925 GHz	-52.47 dBm	-27.47 dB

Date: 19.OCT.2019 19:27:13

Lowest Band Edge / Full RB

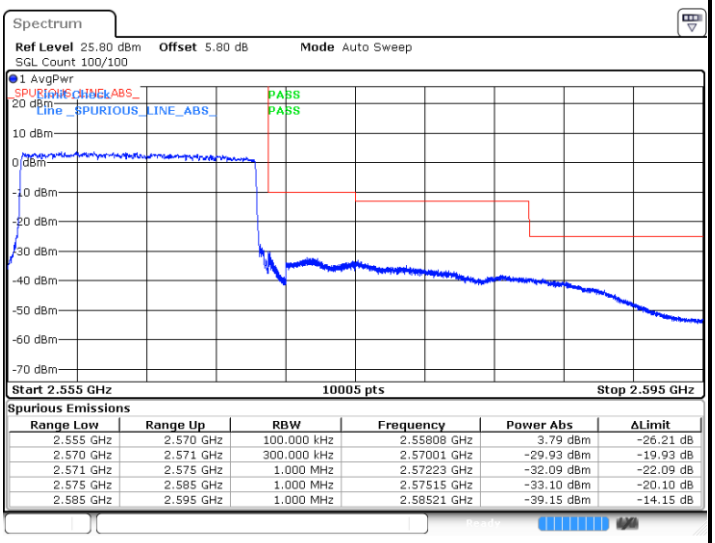


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-30.31 dBm	-5.31 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49563 GHz	-24.40 dBm	-11.40 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-22.55 dBm	-12.55 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-25.07 dBm	-15.07 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50796 GHz	3.68 dBm	-26.32 dB

Date: 19.OCT.2019 19:22:41

Highest Band Edge / Full RB



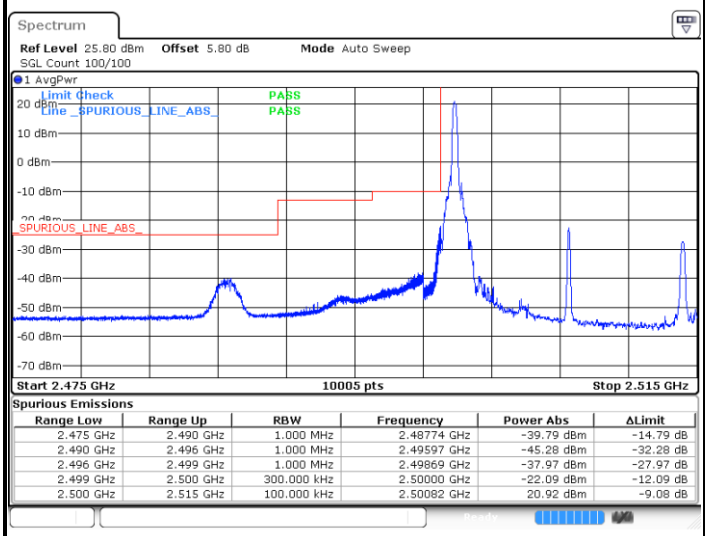
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55808 GHz	3.79 dBm	-26.21 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-29.93 dBm	-19.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57223 GHz	-32.09 dBm	-22.09 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57515 GHz	-33.10 dBm	-20.10 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58521 GHz	-39.15 dBm	-14.15 dB

Date: 19.OCT.2019 19:23:49

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

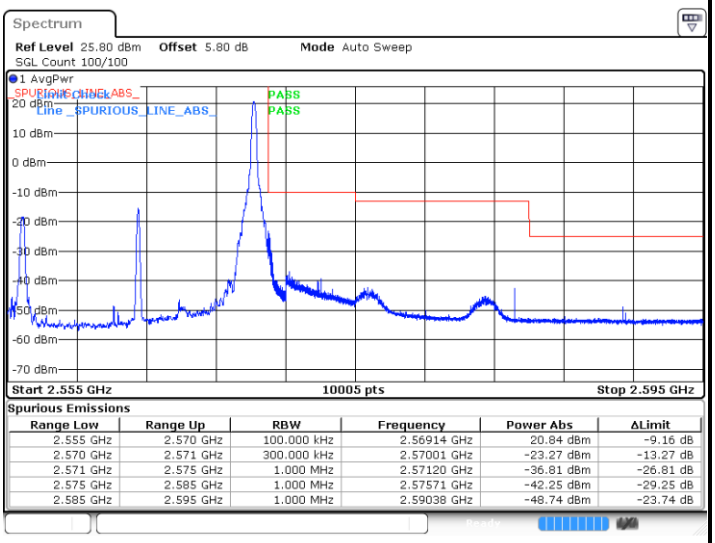


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48774 GHz	-39.79 dBm	-14.79 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-45.28 dBm	-32.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49869 GHz	-37.97 dBm	-27.97 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-22.09 dBm	-12.09 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	20.92 dBm	-9.08 dB

Date: 19.OCT.2019 19:20:24

Highest Band Edge / 1 RB

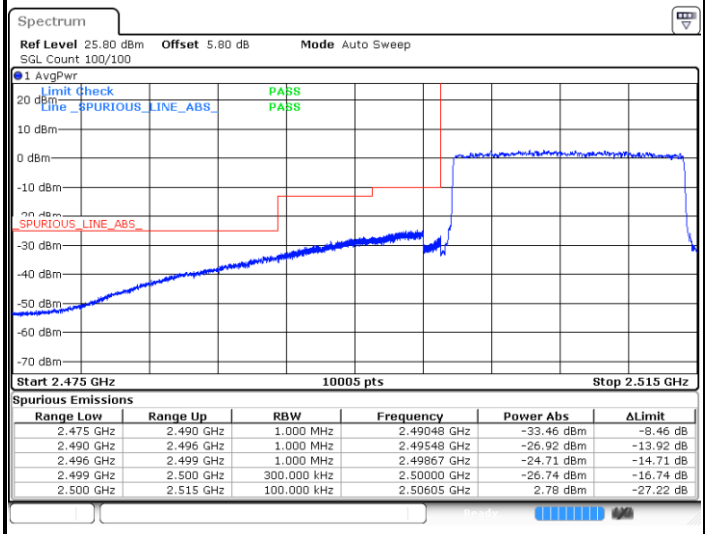


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	20.84 dBm	-9.16 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-23.27 dBm	-13.27 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-36.81 dBm	-26.81 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57571 GHz	-42.25 dBm	-29.25 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59038 GHz	-48.74 dBm	-23.74 dB

Date: 19.OCT.2019 19:26:05

Lowest Band Edge / Full RB

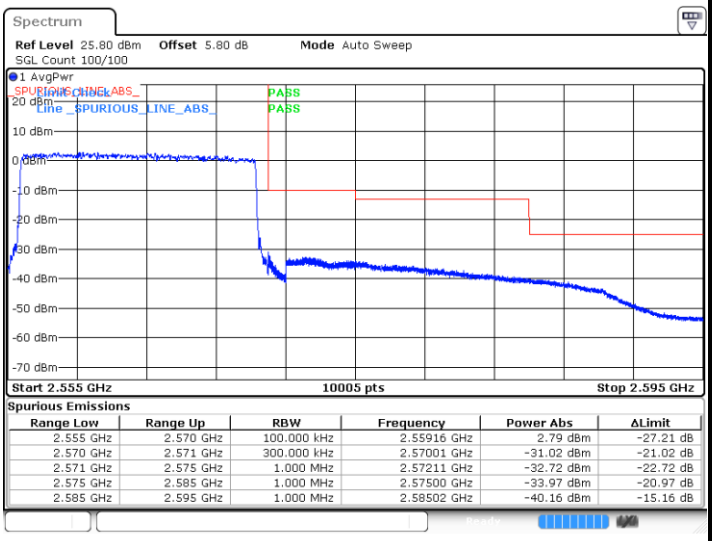


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-33.46 dBm	-8.46 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49548 GHz	-26.92 dBm	-13.92 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49867 GHz	-24.71 dBm	-14.71 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-26.74 dBm	-16.74 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50605 GHz	2.78 dBm	-27.22 dB

Date: 19.OCT.2019 19:21:32

Highest Band Edge / Full RB



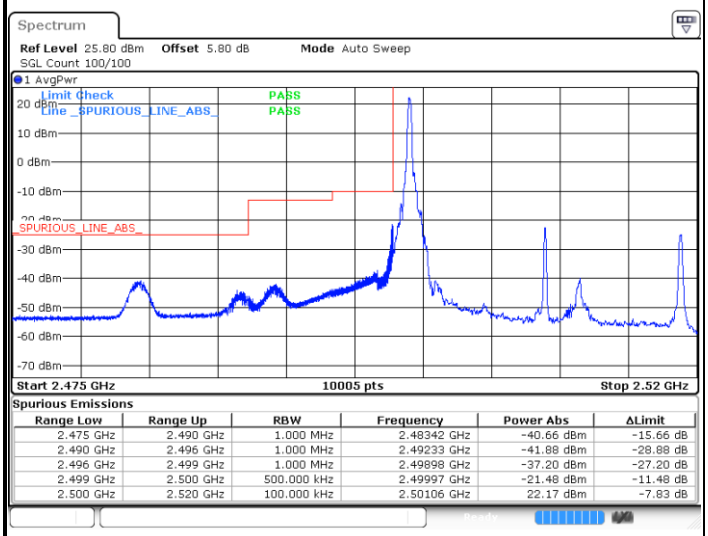
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55916 GHz	2.79 dBm	-27.21 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-31.02 dBm	-21.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57211 GHz	-32.72 dBm	-22.72 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57500 GHz	-33.97 dBm	-20.97 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-40.16 dBm	-15.16 dB

Date: 19.OCT.2019 19:24:57

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

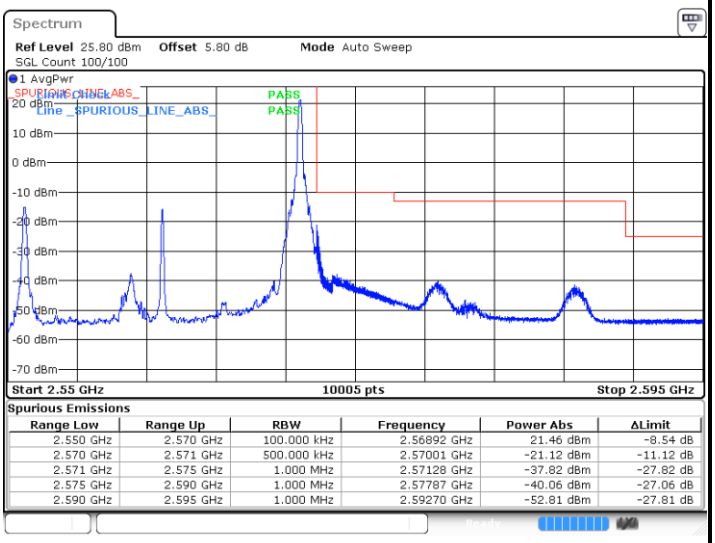


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48342 GHz	-40.66 dBm	-15.66 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49233 GHz	-41.88 dBm	-28.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-37.20 dBm	-27.20 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-21.48 dBm	-11.48 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50106 GHz	22.17 dBm	-7.83 dB

Date: 19.OCT.2019 19:35:47

Highest Band Edge / 1 RB

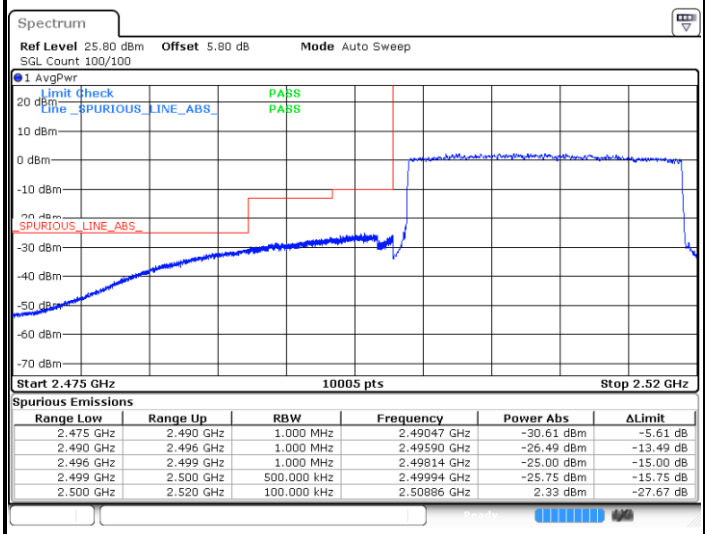


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	21.46 dBm	-8.54 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-21.12 dBm	-11.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-37.82 dBm	-27.82 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57787 GHz	-40.06 dBm	-27.06 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59270 GHz	-52.81 dBm	-27.81 dB

Date: 19.OCT.2019 19:43:46

Lowest Band Edge / Full RB

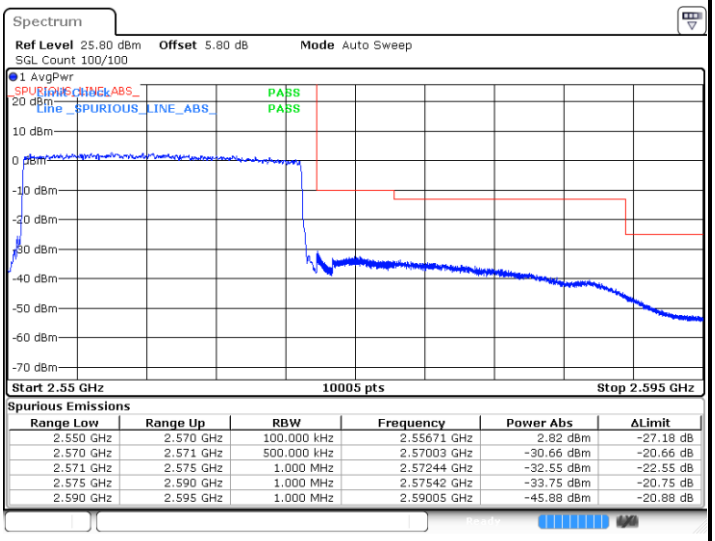


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-30.61 dBm	-5.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49590 GHz	-26.49 dBm	-13.49 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49814 GHz	-25.00 dBm	-15.00 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49994 GHz	-25.75 dBm	-15.75 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50886 GHz	2.33 dBm	-27.67 dB

Date: 19.OCT.2019 19:39:13

Highest Band Edge / Full RB



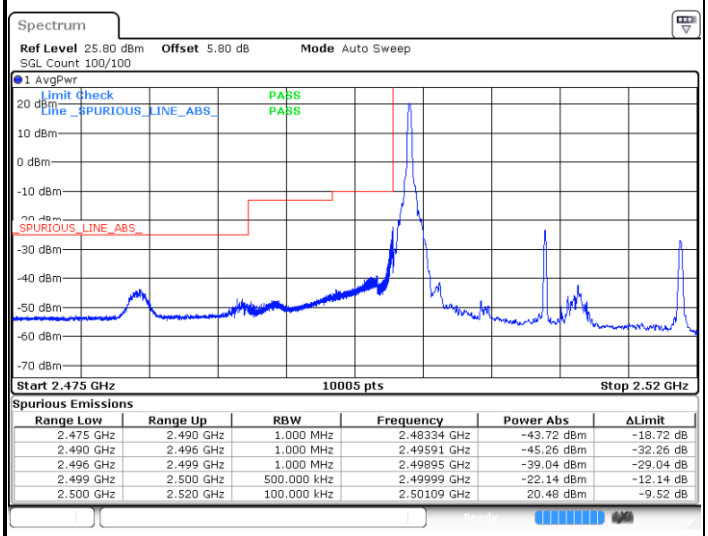
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55671 GHz	2.82 dBm	-27.18 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-30.66 dBm	-20.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57244 GHz	-32.55 dBm	-22.55 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57542 GHz	-33.75 dBm	-20.75 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59005 GHz	-45.88 dBm	-20.88 dB

Date: 19.OCT.2019 19:40:21

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

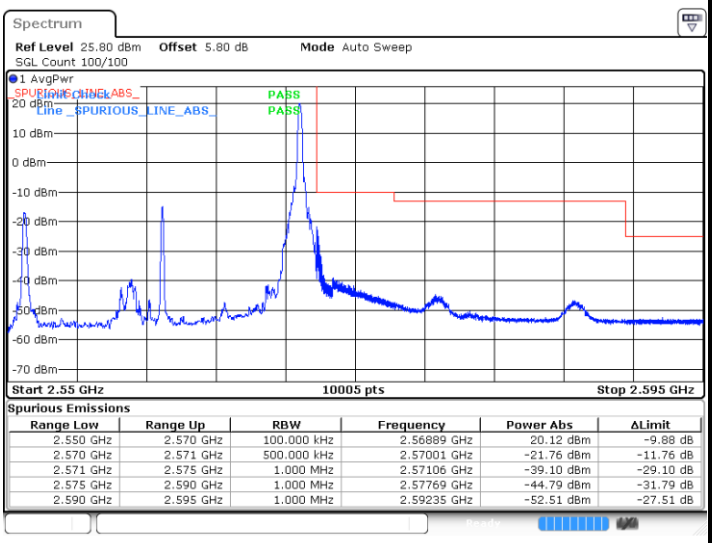


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48334 GHz	-43.72 dBm	-18.72 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-45.26 dBm	-32.26 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-39.04 dBm	-29.04 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-22.14 dBm	-12.14 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.48 dBm	-9.52 dB

Date: 19.OCT.2019 19:36:56

Highest Band Edge / 1RB

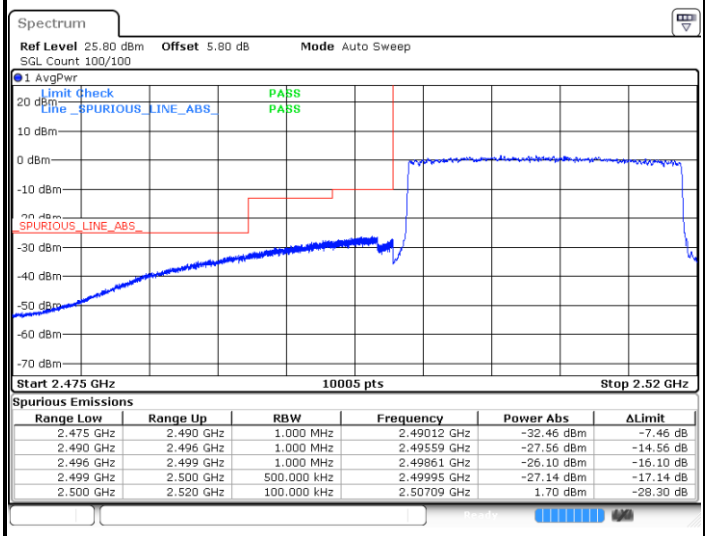


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	20.12 dBm	-9.88 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-21.76 dBm	-11.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-39.10 dBm	-29.10 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57769 GHz	-44.79 dBm	-31.79 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59235 GHz	-52.51 dBm	-27.51 dB

Date: 19.OCT.2019 19:42:37

Lowest Band Edge / Full RB

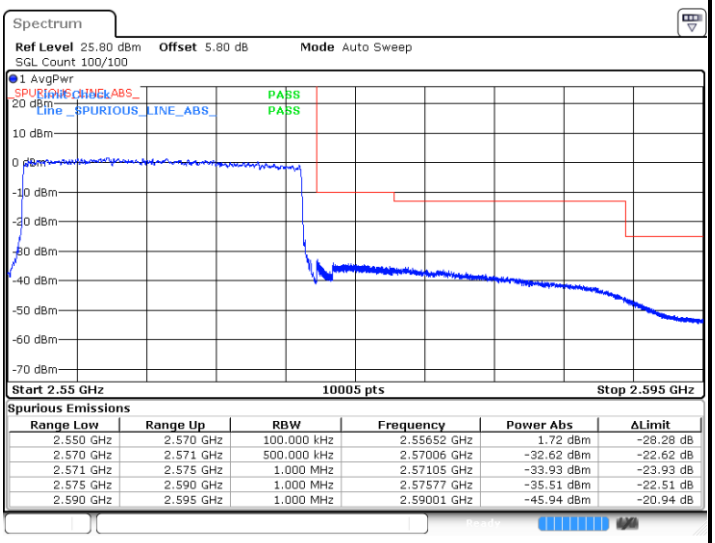


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49012 GHz	-32.46 dBm	-7.46 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49559 GHz	-27.56 dBm	-14.56 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49861 GHz	-26.10 dBm	-16.10 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49995 GHz	-27.14 dBm	-17.14 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50709 GHz	1.70 dBm	-28.30 dB

Date: 19.OCT.2019 19:38:05

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55652 GHz	1.72 dBm	-28.28 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57006 GHz	-32.62 dBm	-22.62 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-33.93 dBm	-23.93 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57577 GHz	-35.51 dBm	-22.51 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59001 GHz	-45.94 dBm	-20.94 dB

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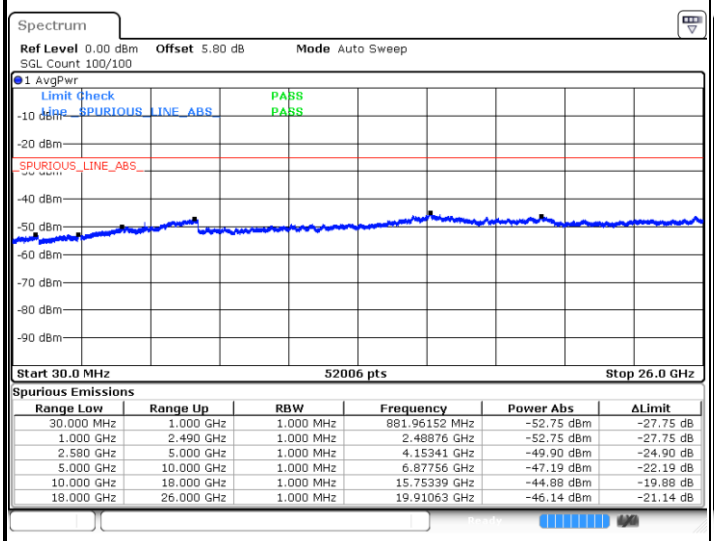
Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-52.75 dBm	-27.75 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-52.75 dBm	-27.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15341 GHz	-49.90 dBm	-24.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87756 GHz	-47.19 dBm	-22.19 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75339 GHz	-44.88 dBm	-19.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91063 GHz	-46.14 dBm	-21.14 dB

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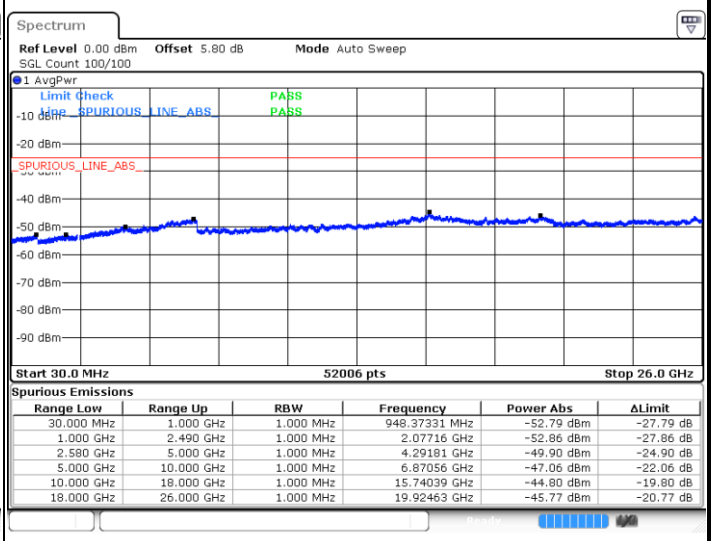
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-52.79 dBm	-27.79 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.07716 GHz	-52.86 dBm	-27.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29181 GHz	-49.90 dBm	-24.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87056 GHz	-47.06 dBm	-22.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74039 GHz	-44.80 dBm	-19.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92463 GHz	-45.77 dBm	-20.77 dB

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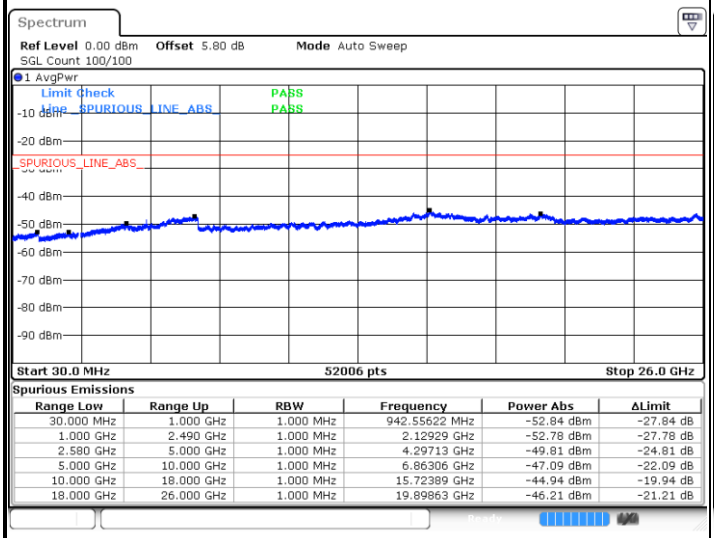
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-52.84 dBm	-27.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12929 GHz	-52.78 dBm	-27.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29713 GHz	-49.81 dBm	-24.81 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86306 GHz	-47.09 dBm	-22.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72389 GHz	-44.94 dBm	-19.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89863 GHz	-46.21 dBm	-21.21 dB

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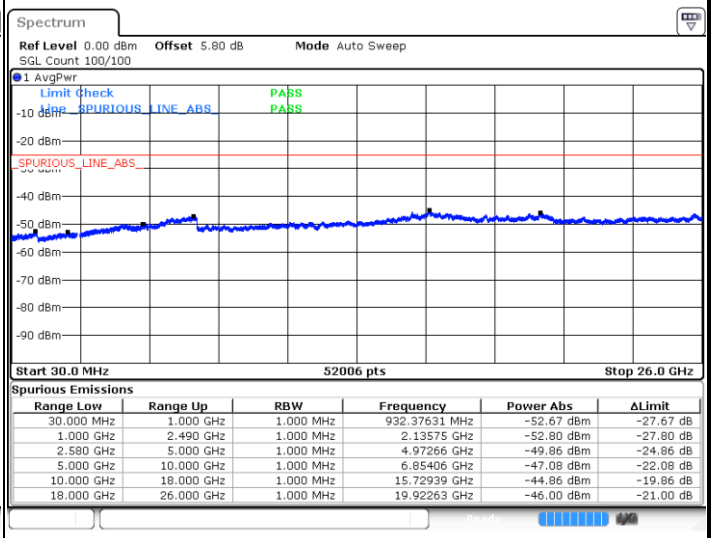
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-52.67 dBm	-27.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13575 GHz	-52.80 dBm	-27.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97266 GHz	-49.86 dBm	-24.86 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85406 GHz	-47.08 dBm	-22.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72939 GHz	-44.86 dBm	-19.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-46.00 dBm	-21.00 dB

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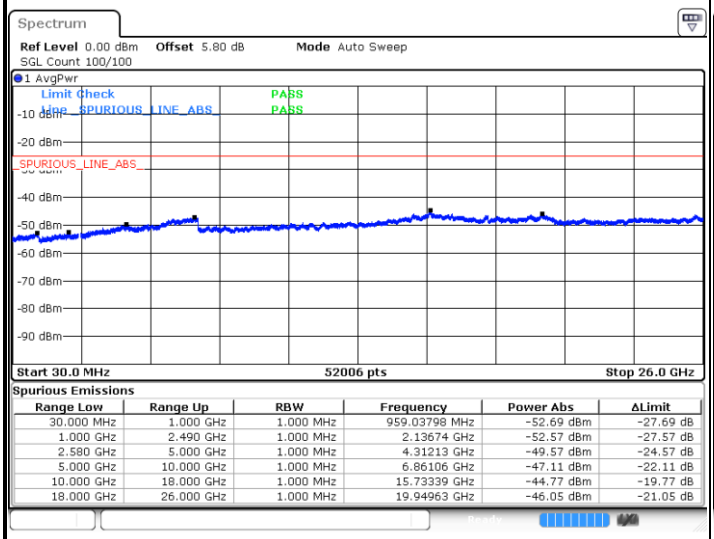
LTE Band 7 / 5MHz

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-52.69 dBm	-27.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13674 GHz	-52.57 dBm	-27.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31213 GHz	-49.57 dBm	-24.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86106 GHz	-47.11 dBm	-22.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73339 GHz	-44.77 dBm	-19.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94963 GHz	-46.05 dBm	-21.05 dB

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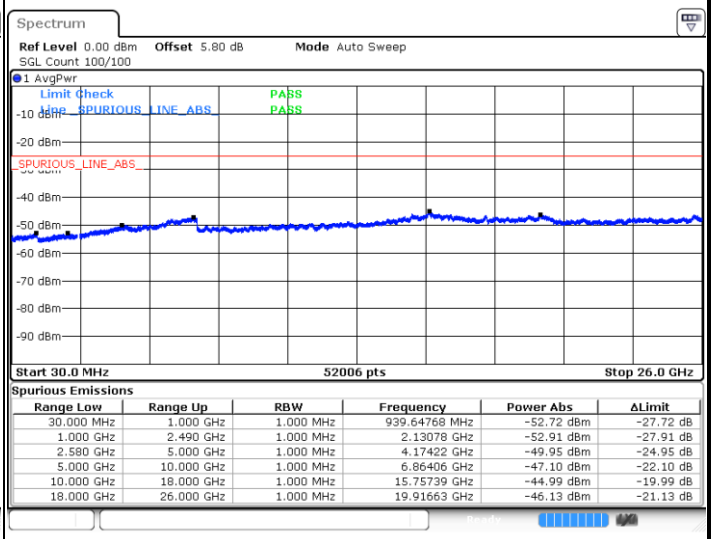
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-52.72 dBm	-27.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13078 GHz	-52.91 dBm	-27.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17422 GHz	-49.95 dBm	-24.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86406 GHz	-47.10 dBm	-22.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75739 GHz	-44.99 dBm	-19.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91663 GHz	-46.13 dBm	-21.13 dB

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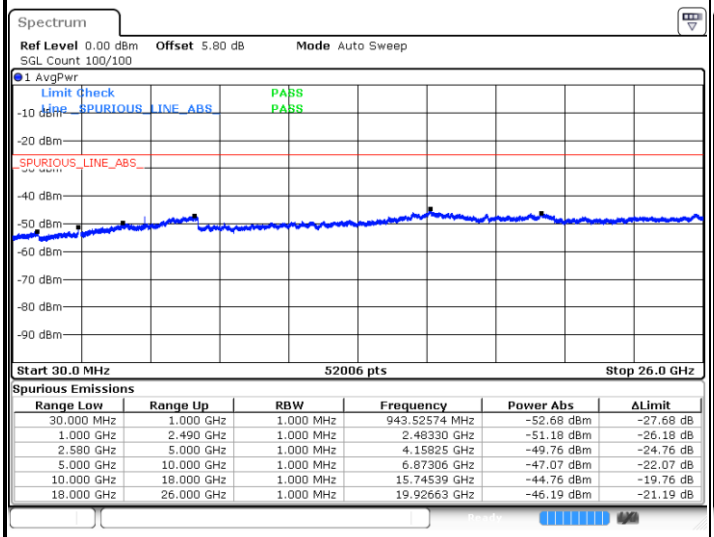
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-52.68 dBm	-27.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-51.18 dBm	-26.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15825 GHz	-49.76 dBm	-24.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87306 GHz	-47.07 dBm	-22.07 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74539 GHz	-44.76 dBm	-19.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92663 GHz	-46.19 dBm	-21.19 dB

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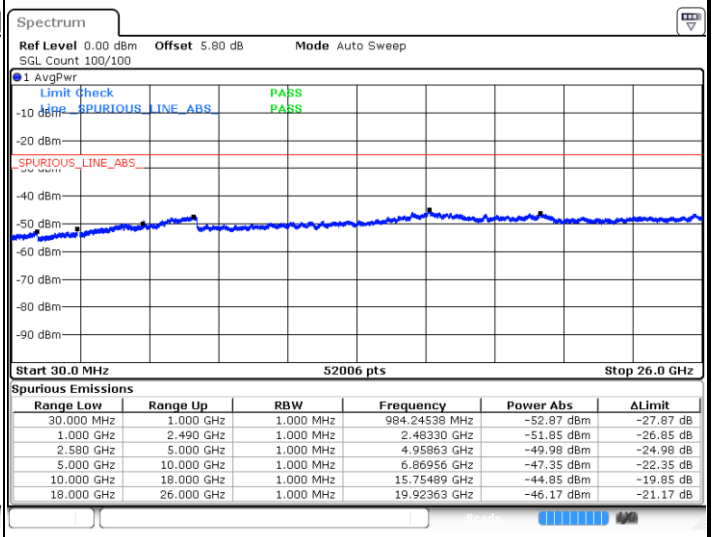
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-52.87 dBm	-27.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-51.85 dBm	-26.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95863 GHz	-49.98 dBm	-24.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86956 GHz	-47.35 dBm	-22.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75489 GHz	-44.85 dBm	-19.85 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92363 GHz	-46.17 dBm	-21.17 dB

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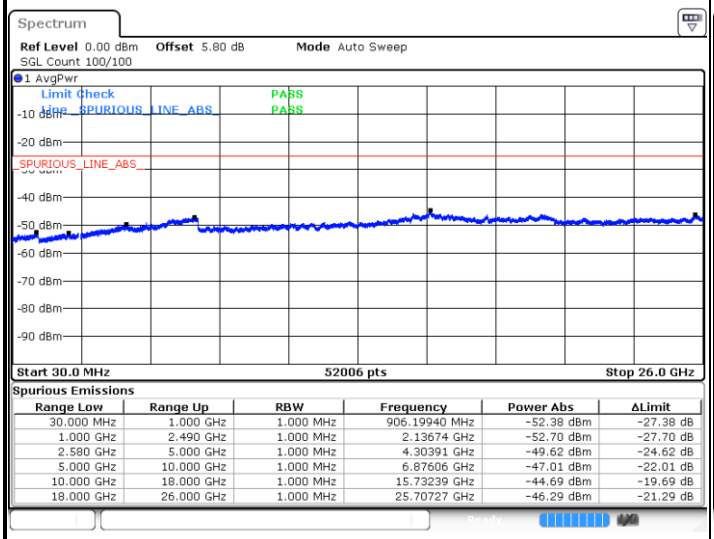
LTE Band 7 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-52.38 dBm	-27.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13674 GHz	-52.70 dBm	-27.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30391 GHz	-49.62 dBm	-24.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87606 GHz	-47.01 dBm	-22.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73239 GHz	-44.69 dBm	-19.69 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.70727 GHz	-46.29 dBm	-21.29 dB

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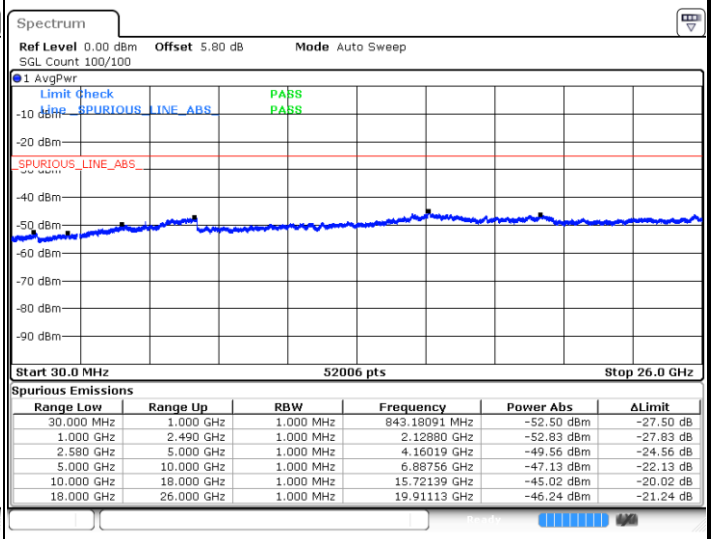
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	843.18091 MHz	-52.50 dBm	-27.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12880 GHz	-52.83 dBm	-27.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16019 GHz	-49.56 dBm	-24.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88756 GHz	-47.13 dBm	-22.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72139 GHz	-45.02 dBm	-20.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91113 GHz	-46.24 dBm	-21.24 dB

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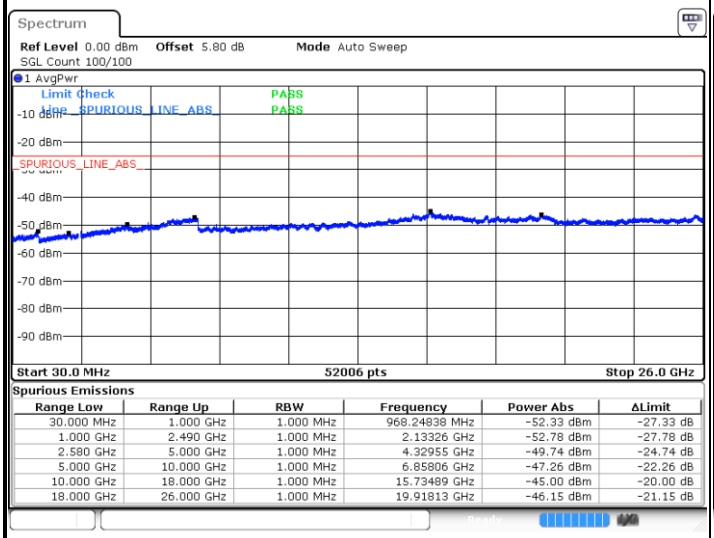
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-52.33 dBm	-27.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13326 GHz	-52.78 dBm	-27.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32955 GHz	-49.74 dBm	-24.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85806 GHz	-47.26 dBm	-22.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73489 GHz	-45.00 dBm	-20.00 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91813 GHz	-46.15 dBm	-21.15 dB

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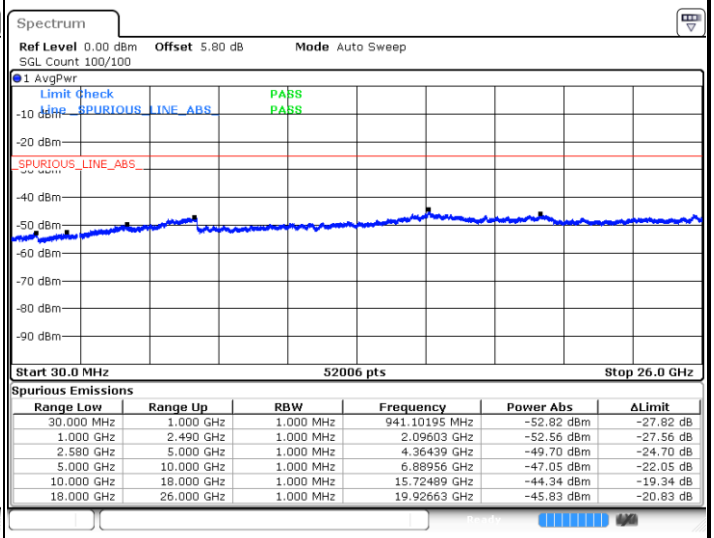
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-52.82 dBm	-27.82 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.09603 GHz	-52.56 dBm	-27.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.36439 GHz	-49.70 dBm	-24.70 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88956 GHz	-47.05 dBm	-22.05 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72489 GHz	-44.34 dBm	-19.34 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92663 GHz	-45.83 dBm	-20.83 dB

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