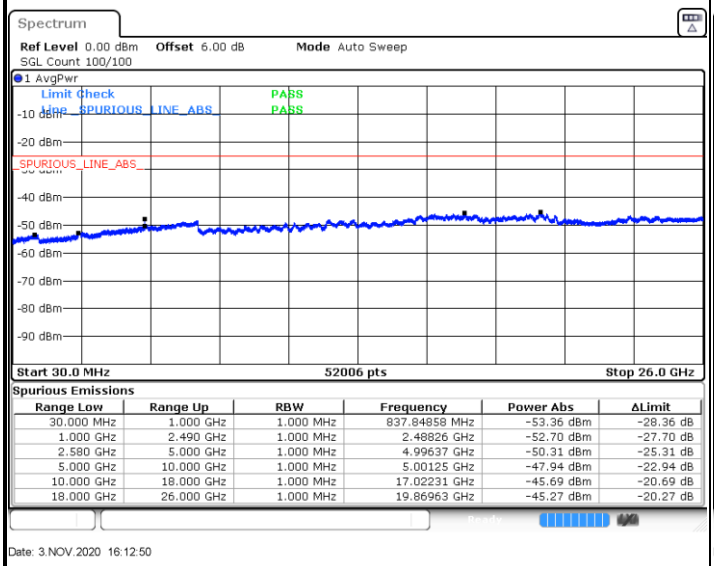
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

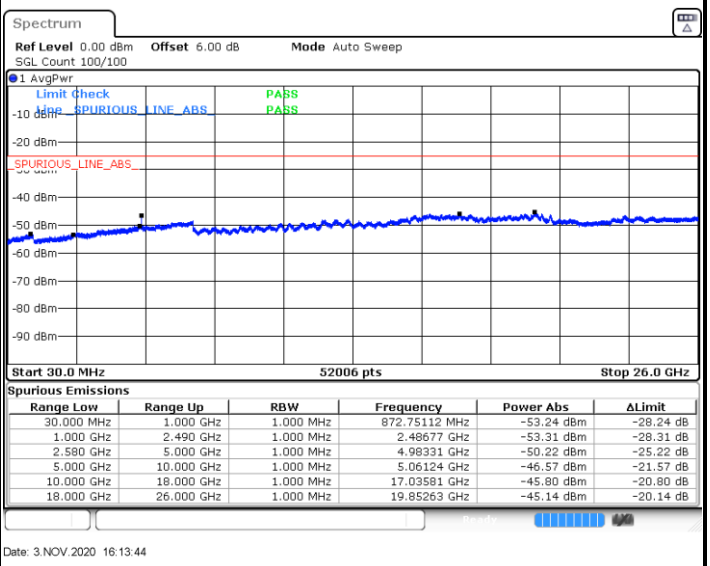


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	837.84858 MHz	-53.36 dBm	-28.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.70 dBm	-27.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-50.31 dBm	-25.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.02231 GHz	-45.69 dBm	-20.69 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86963 GHz	-45.27 dBm	-20.27 dB

Date: 3.NOV.2020 16:12:50

Middle Channel / 64QAM

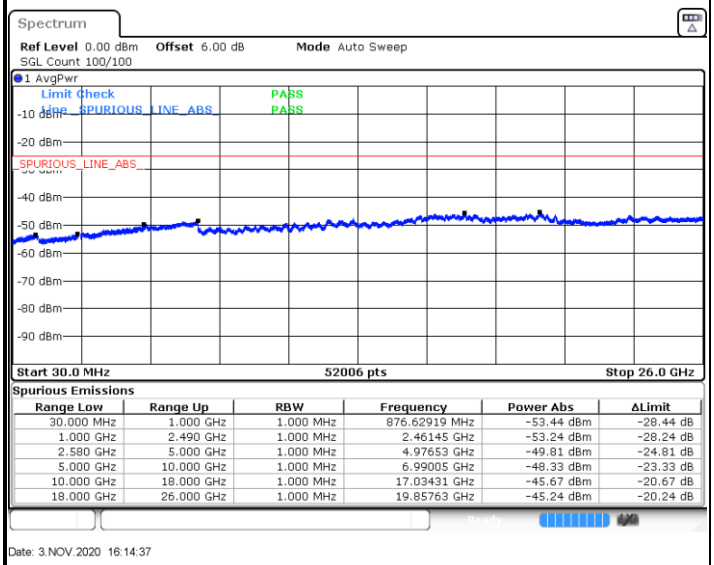


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-53.24 dBm	-28.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-53.31 dBm	-28.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-50.22 dBm	-25.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-46.57 dBm	-21.57 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03581 GHz	-45.80 dBm	-20.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85263 GHz	-45.14 dBm	-20.14 dB

Date: 3.NOV.2020 16:13:44

Highest Channel / 64QAM



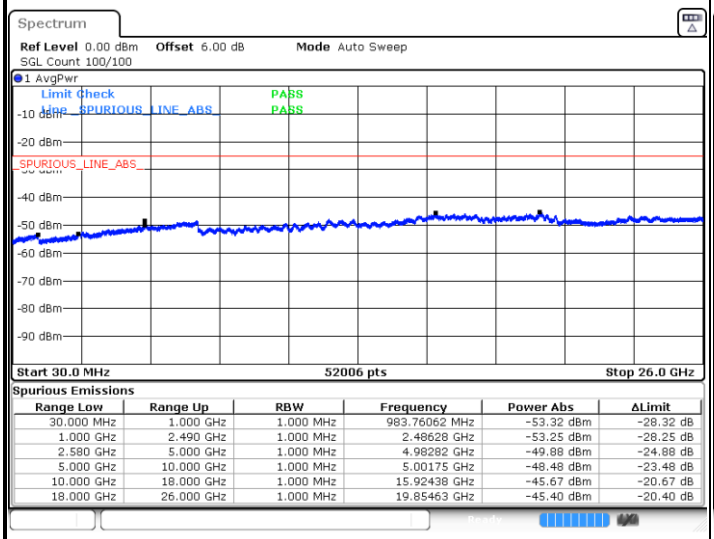
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46145 GHz	-53.24 dBm	-28.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97653 GHz	-49.81 dBm	-24.81 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-48.33 dBm	-23.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03431 GHz	-45.67 dBm	-20.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85763 GHz	-45.24 dBm	-20.24 dB

Date: 3.NOV.2020 16:14:37

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

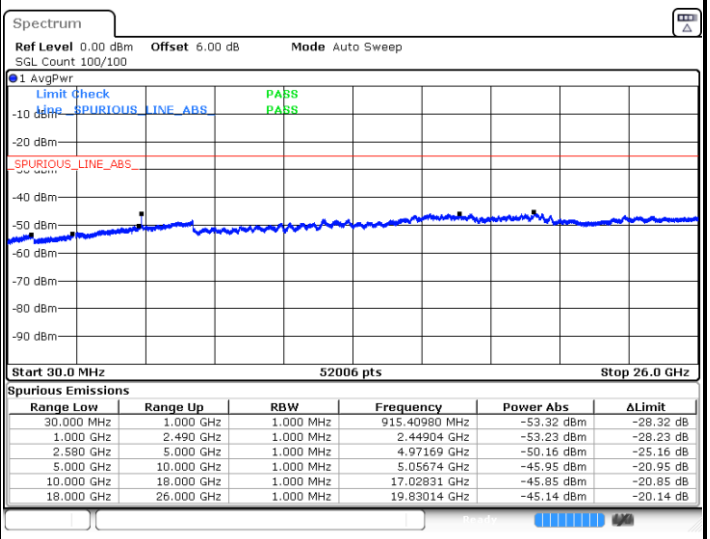


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-53.32 dBm	-28.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-53.25 dBm	-28.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-49.88 dBm	-24.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-48.48 dBm	-23.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.92438 GHz	-45.67 dBm	-20.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85463 GHz	-45.40 dBm	-20.40 dB

Date: 4.NOV.2020 09:44:50

Middle Channel / 64QAM

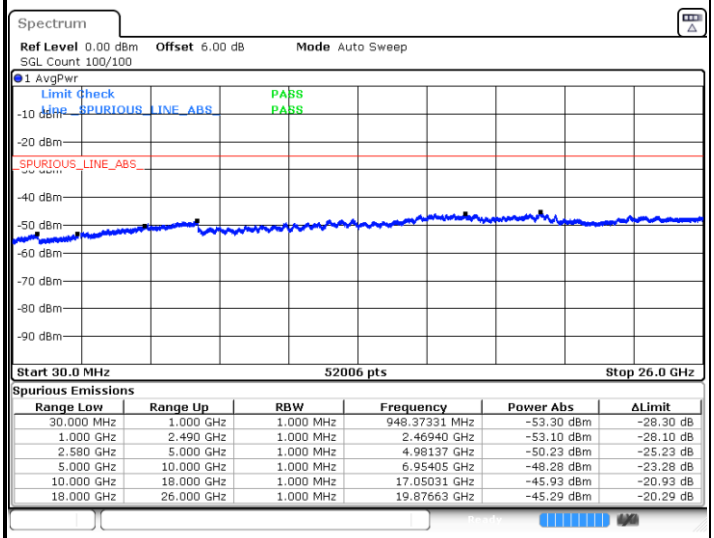


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-53.32 dBm	-28.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44904 GHz	-53.23 dBm	-28.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97169 GHz	-50.16 dBm	-25.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-45.95 dBm	-20.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.02831 GHz	-45.85 dBm	-20.85 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.83014 GHz	-45.14 dBm	-20.14 dB

Date: 4.NOV.2020 09:45:44

Highest Channel / 64QAM



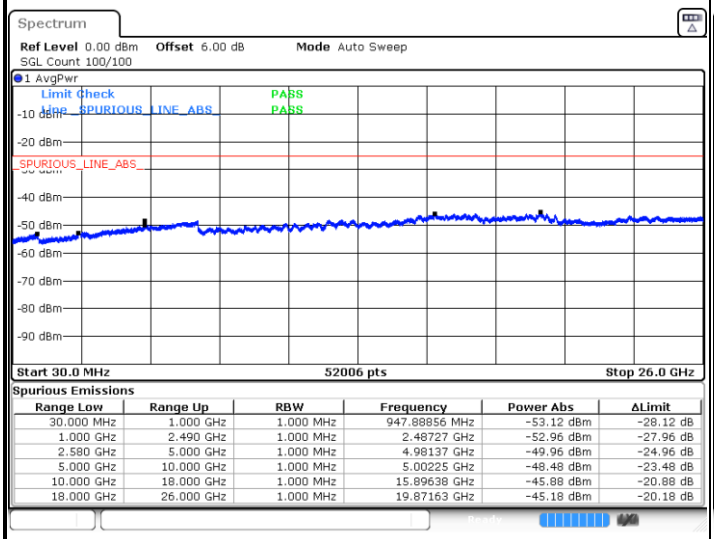
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-53.30 dBm	-28.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46940 GHz	-53.10 dBm	-28.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-50.23 dBm	-25.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95405 GHz	-48.28 dBm	-23.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.05031 GHz	-45.93 dBm	-20.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87663 GHz	-45.29 dBm	-20.29 dB

Date: 4.NOV.2020 09:46:38

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

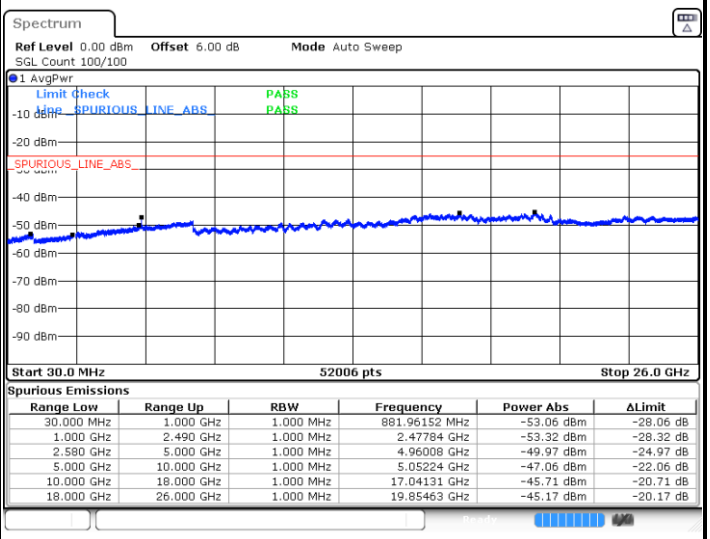


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-53.12 dBm	-28.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-52.96 dBm	-27.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-49.96 dBm	-24.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-48.48 dBm	-23.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89638 GHz	-45.88 dBm	-20.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87163 GHz	-45.18 dBm	-20.18 dB

Date: 4.NOV.2020 09:55:56

Middle Channel / 64QAM

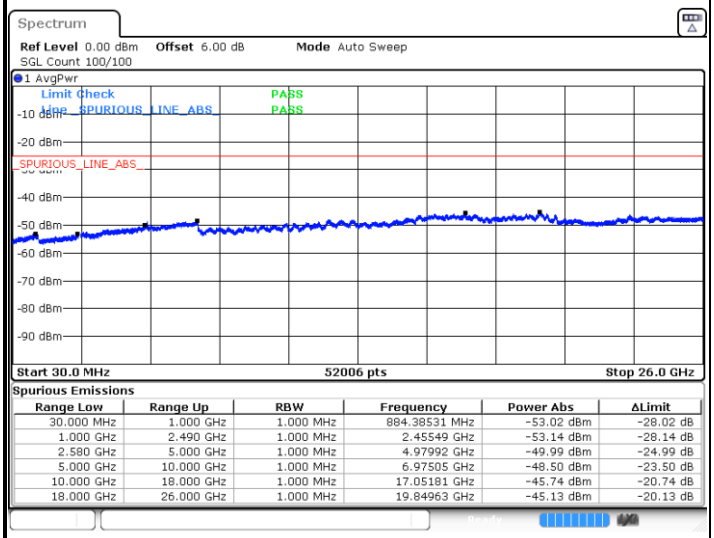


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-53.06 dBm	-28.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47784 GHz	-53.32 dBm	-28.32 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96008 GHz	-49.97 dBm	-24.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-47.06 dBm	-22.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04131 GHz	-45.71 dBm	-20.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85463 GHz	-45.17 dBm	-20.17 dB

Date: 4.NOV.2020 09:56:50

Highest Channel / 64QAM



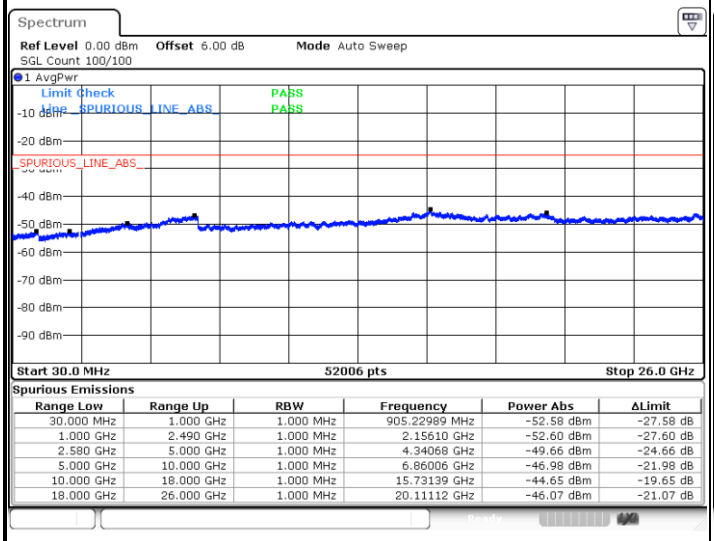
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-53.02 dBm	-28.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45549 GHz	-53.14 dBm	-28.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97992 GHz	-49.99 dBm	-24.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97505 GHz	-48.50 dBm	-23.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.05181 GHz	-45.74 dBm	-20.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84963 GHz	-45.13 dBm	-20.13 dB

Date: 4.NOV.2020 09:57:43

LTE Band 7 / 5MHz

Lowest Channel / 256QAM

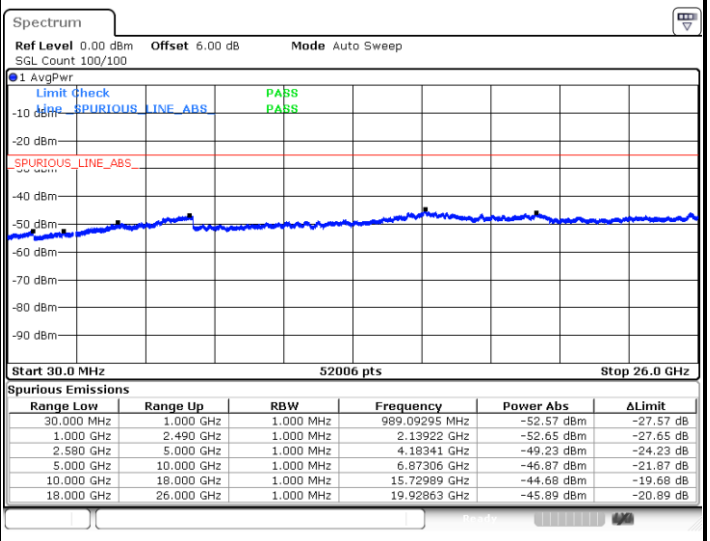


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-52.58 dBm	-27.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15610 GHz	-52.60 dBm	-27.60 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.34068 GHz	-49.66 dBm	-24.66 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86006 GHz	-46.98 dBm	-21.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73139 GHz	-44.65 dBm	-19.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.11112 GHz	-46.07 dBm	-21.07 dB

Date: 12.NOV.2020 18:36:49

Middle Channel / 256QAM

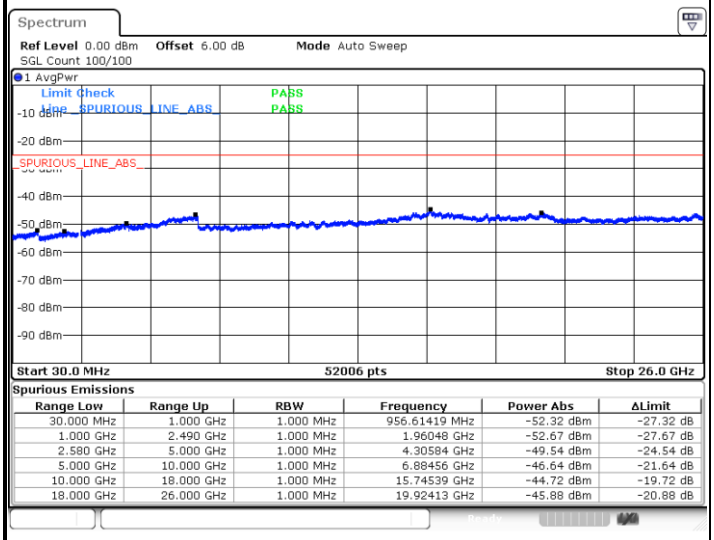


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-52.57 dBm	-27.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13922 GHz	-52.65 dBm	-27.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18341 GHz	-49.23 dBm	-24.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87306 GHz	-46.87 dBm	-21.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72989 GHz	-44.68 dBm	-19.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92863 GHz	-45.89 dBm	-20.89 dB

Date: 12.NOV.2020 18:38:30

Highest Channel / 256QAM



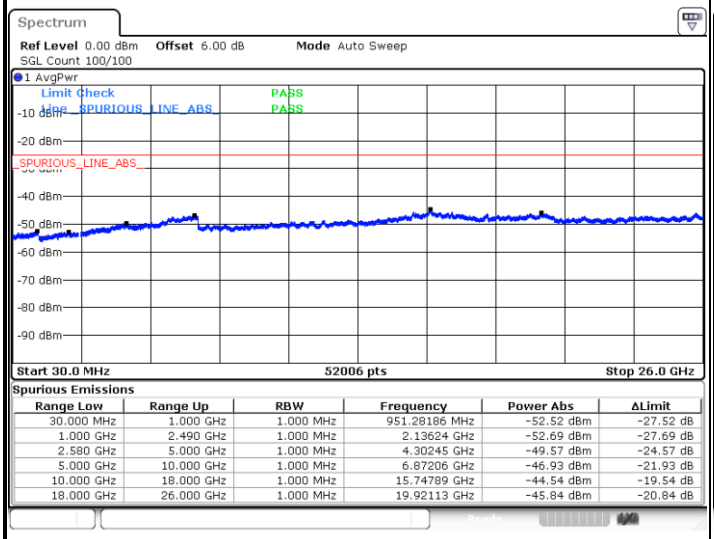
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-52.32 dBm	-27.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96048 GHz	-52.67 dBm	-27.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30584 GHz	-49.54 dBm	-24.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88456 GHz	-46.64 dBm	-21.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74539 GHz	-44.72 dBm	-19.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92413 GHz	-45.88 dBm	-20.88 dB

Date: 12.NOV.2020 18:50:03

LTE Band 7 / 10MHz

Lowest Channel / 256QAM

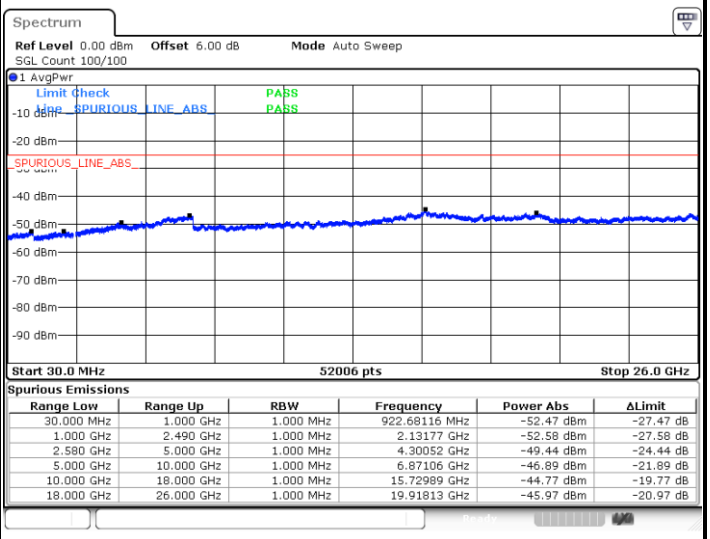


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-52.52 dBm	-27.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13624 GHz	-52.69 dBm	-27.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30245 GHz	-49.57 dBm	-24.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87206 GHz	-46.93 dBm	-21.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74789 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92113 GHz	-45.84 dBm	-20.84 dB

Date: 12.NOV.2020 18:55:48

Middle Channel / 256QAM

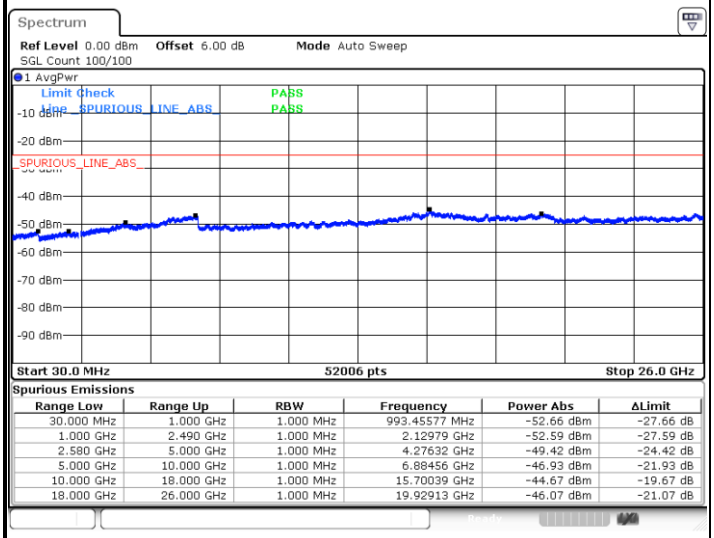


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-52.47 dBm	-27.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13177 GHz	-52.58 dBm	-27.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30052 GHz	-49.44 dBm	-24.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87106 GHz	-46.89 dBm	-21.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72989 GHz	-44.77 dBm	-19.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91813 GHz	-45.97 dBm	-20.97 dB

Date: 12.NOV.2020 18:57:03

Highest Channel / 256QAM



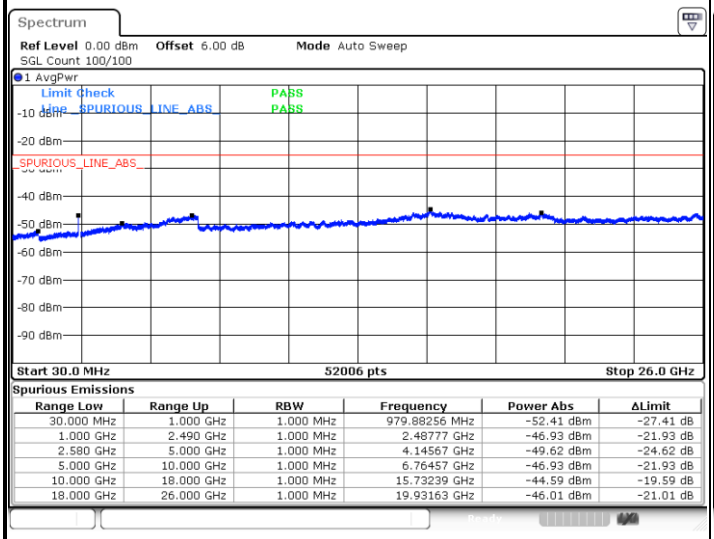
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-52.66 dBm	-27.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12979 GHz	-52.59 dBm	-27.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.27632 GHz	-49.42 dBm	-24.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88456 GHz	-46.93 dBm	-21.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.70039 GHz	-44.67 dBm	-19.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92913 GHz	-46.07 dBm	-21.07 dB

Date: 12.NOV.2020 19:00:23

LTE Band 7 / 15MHz

Lowest Channel / 256QAM

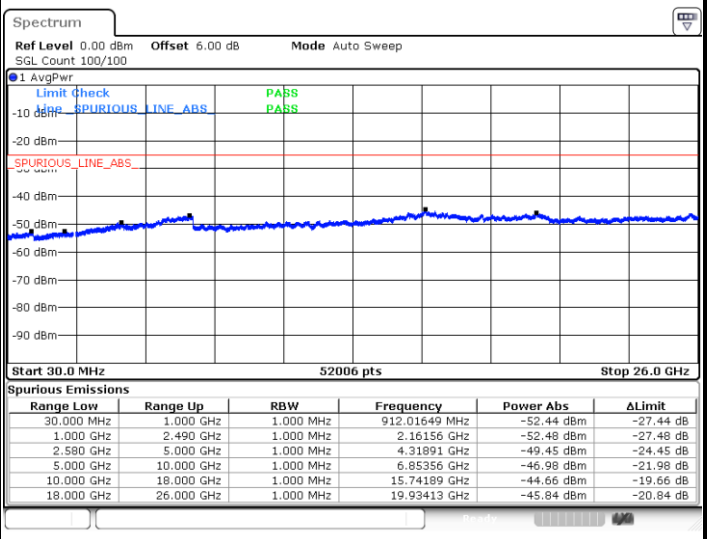


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-52.41 dBm	-27.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.93 dBm	-21.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14567 GHz	-49.62 dBm	-24.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.76457 GHz	-46.93 dBm	-21.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73239 GHz	-44.59 dBm	-19.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93163 GHz	-46.01 dBm	-21.01 dB

Date: 12.NOV.2020 19:06:26

Middle Channel / 256QAM

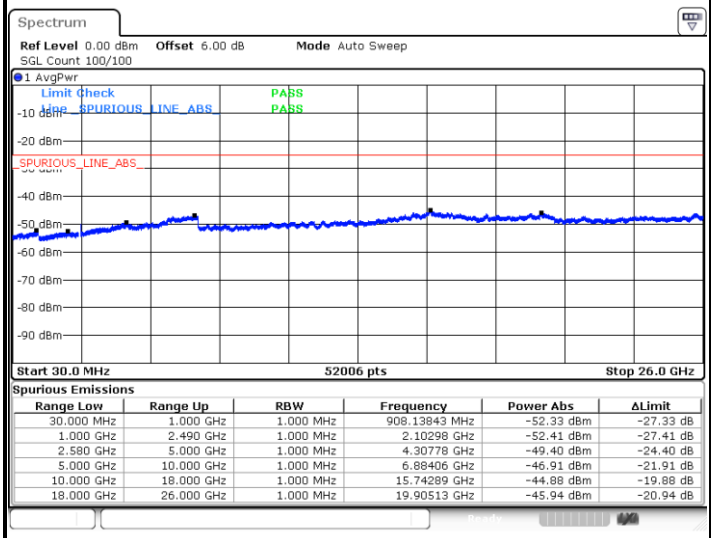


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-52.44 dBm	-27.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16156 GHz	-52.48 dBm	-27.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31891 GHz	-49.45 dBm	-24.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85356 GHz	-46.98 dBm	-21.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74189 GHz	-44.66 dBm	-19.66 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93413 GHz	-45.84 dBm	-20.84 dB

Date: 12.NOV.2020 19:07:28

Highest Channel / 256QAM



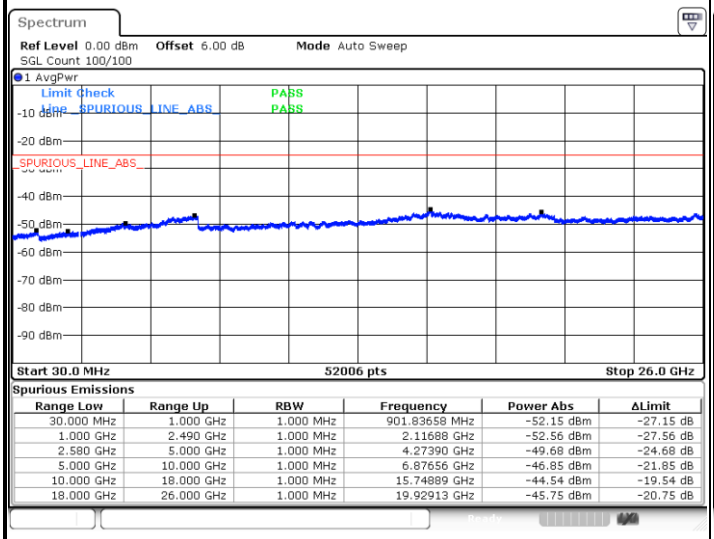
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-52.33 dBm	-27.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10298 GHz	-52.41 dBm	-27.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30778 GHz	-49.40 dBm	-24.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88406 GHz	-46.91 dBm	-21.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74289 GHz	-44.88 dBm	-19.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90513 GHz	-45.94 dBm	-20.94 dB

Date: 12.NOV.2020 19:10:29

LTE Band 7 / 20MHz

Lowest Channel / 256QAM

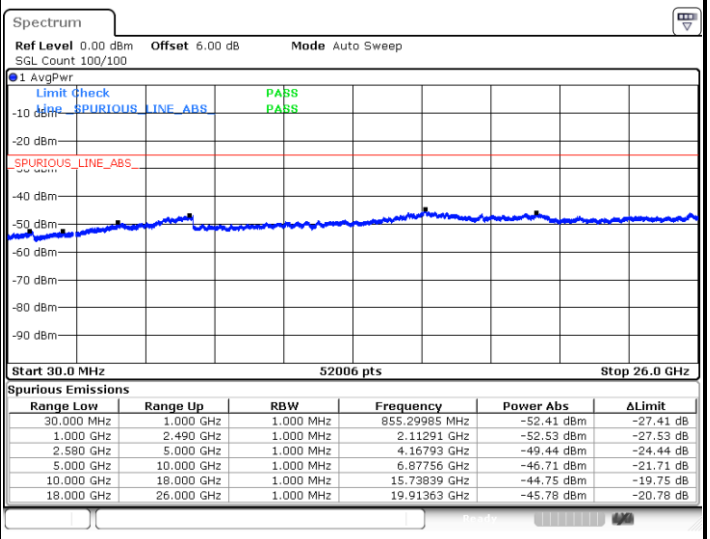


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-52.15 dBm	-27.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11688 GHz	-52.56 dBm	-27.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.27390 GHz	-49.68 dBm	-24.68 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87656 GHz	-46.85 dBm	-21.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74889 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92913 GHz	-45.75 dBm	-20.75 dB

Date: 12.NOV.2020 19:37:27

Middle Channel / 256QAM

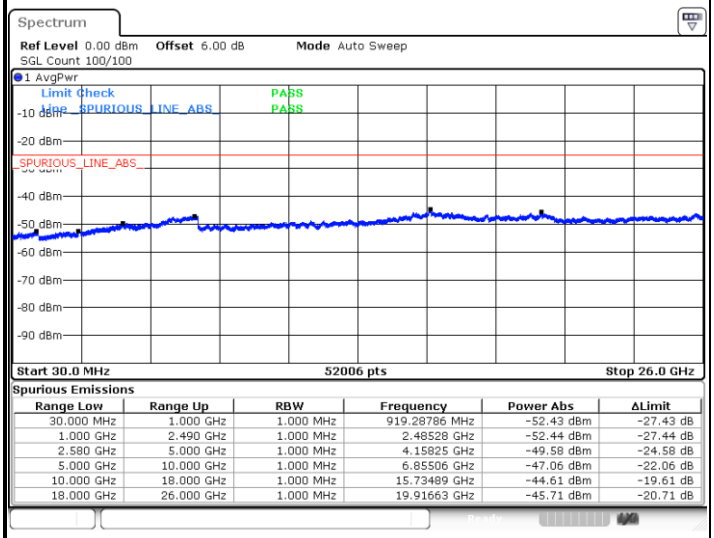


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-52.41 dBm	-27.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11291 GHz	-52.53 dBm	-27.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16793 GHz	-49.44 dBm	-24.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87756 GHz	-46.71 dBm	-21.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73839 GHz	-44.75 dBm	-19.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91363 GHz	-45.78 dBm	-20.78 dB

Date: 12.NOV.2020 19:39:03

Highest Channel / 256QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-52.43 dBm	-27.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-52.44 dBm	-27.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15825 GHz	-49.58 dBm	-24.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85506 GHz	-47.06 dBm	-22.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73489 GHz	-44.61 dBm	-19.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91663 GHz	-45.71 dBm	-20.71 dB

Date: 12.NOV.2020 19:42:03

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0024	

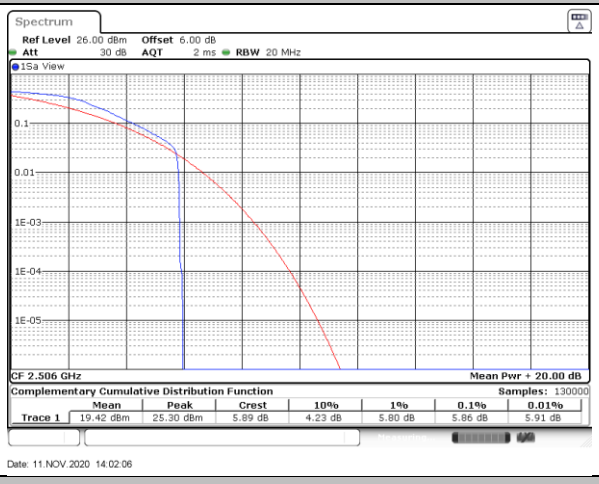
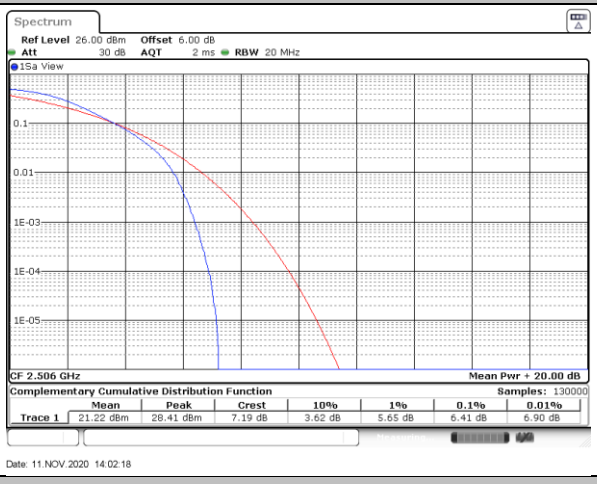
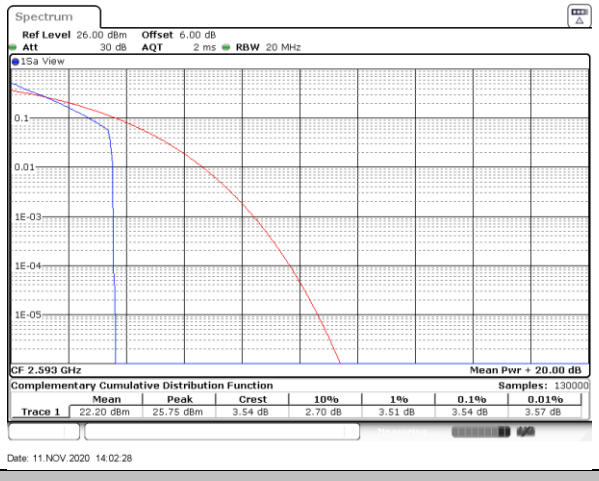
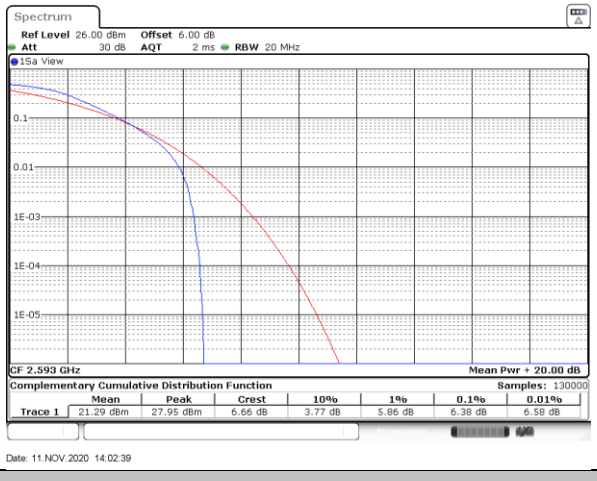
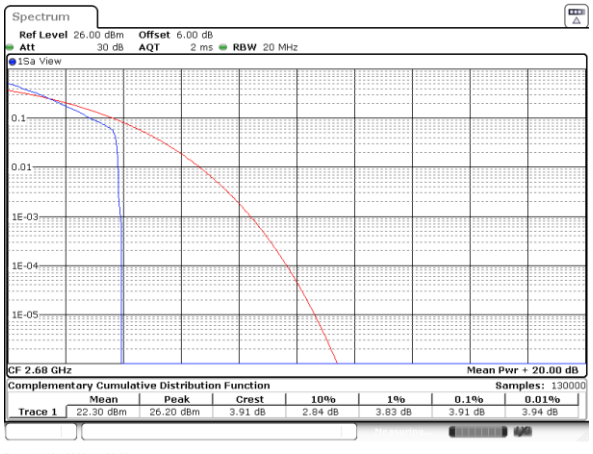
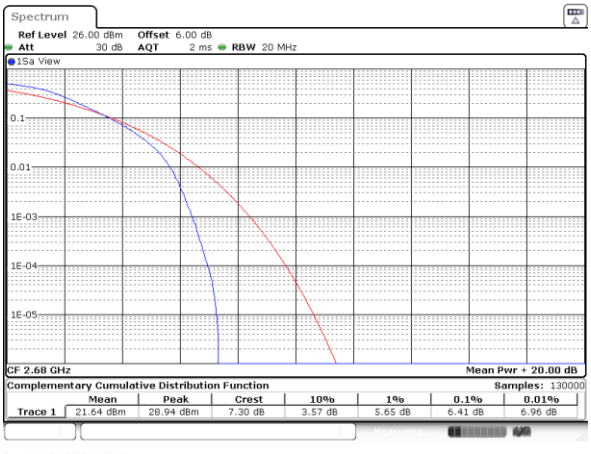
Note:

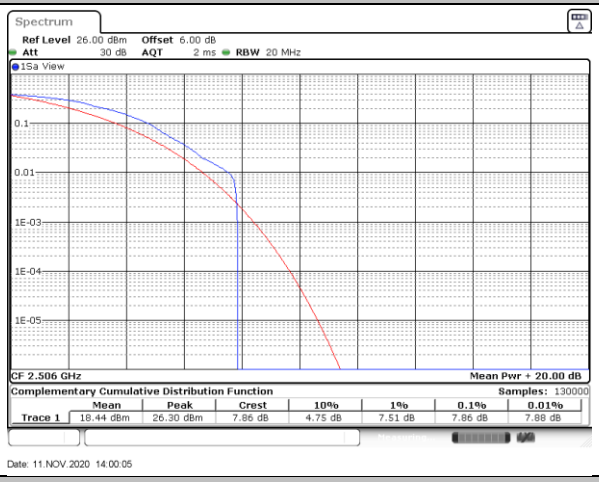
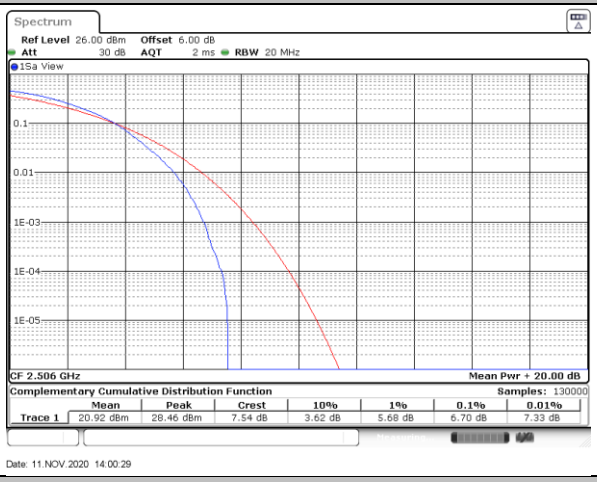
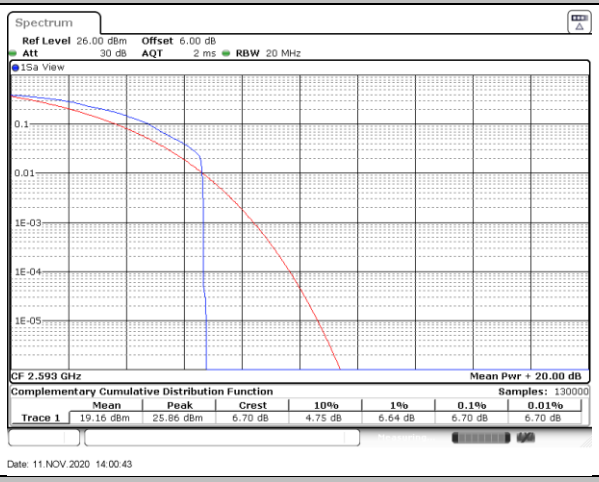
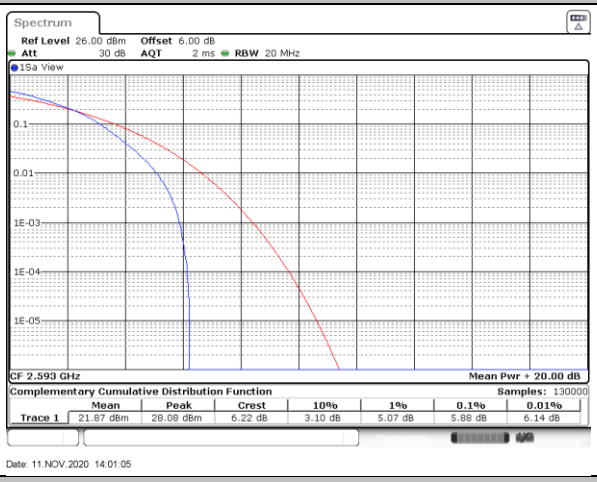
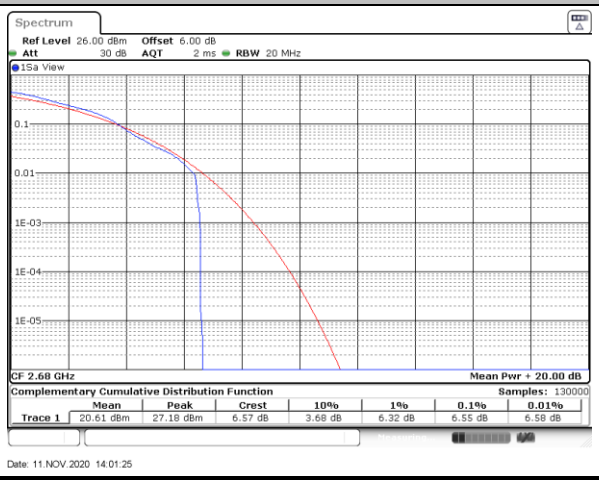
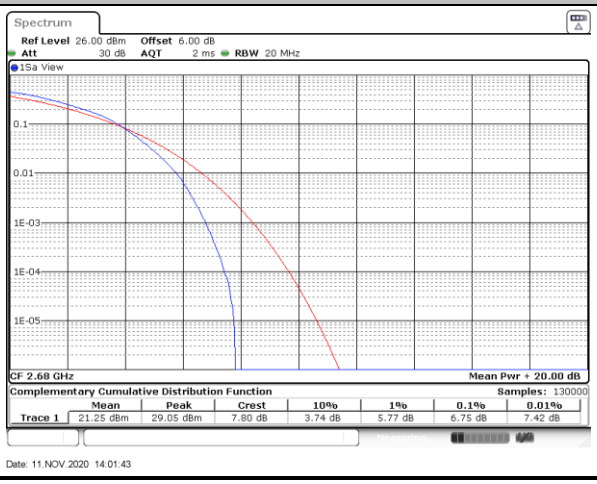
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

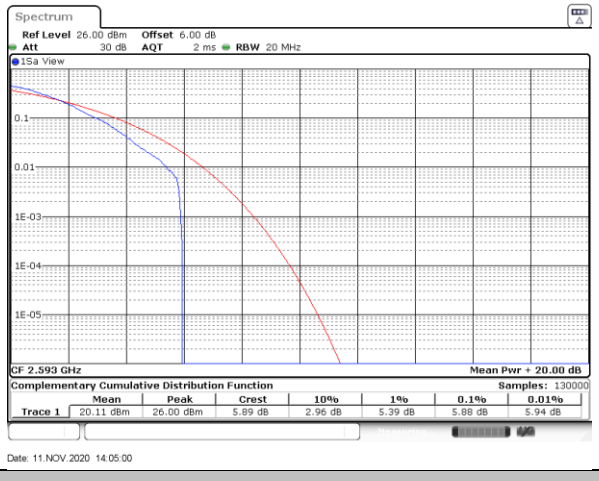
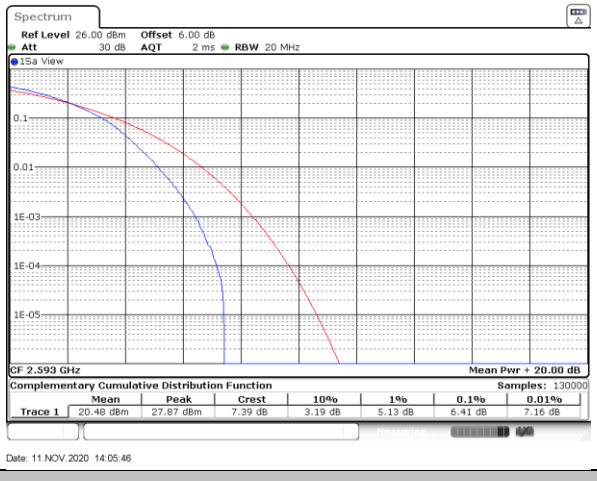
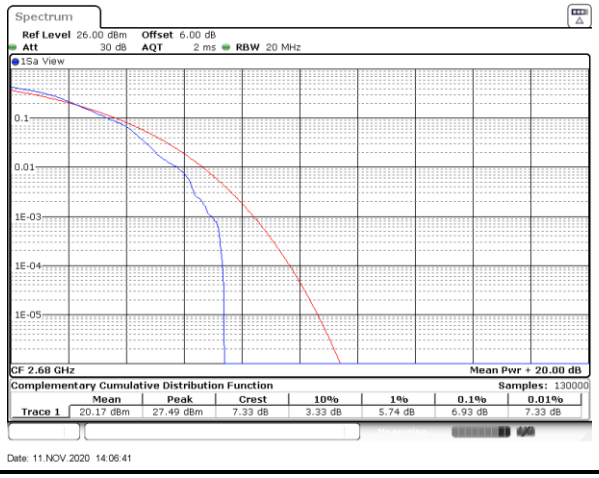
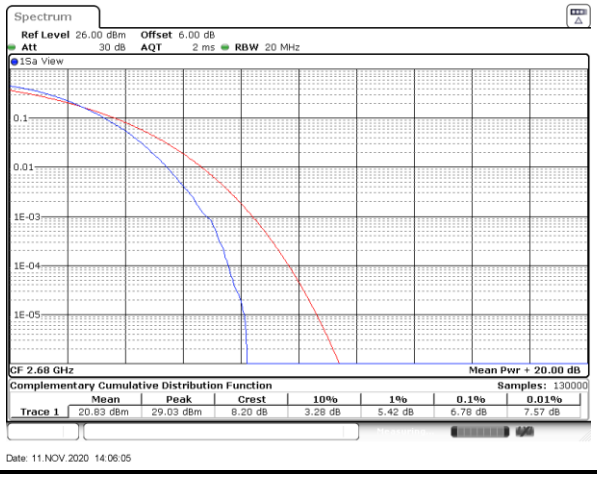
LTE Band 41

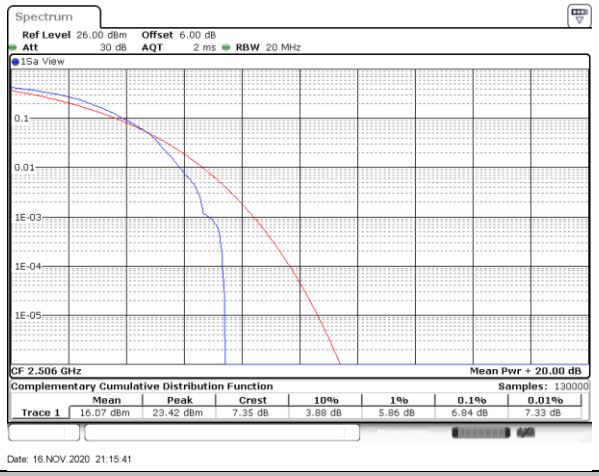
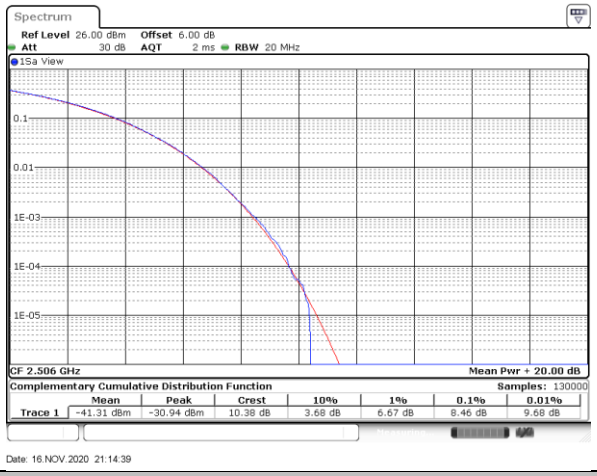
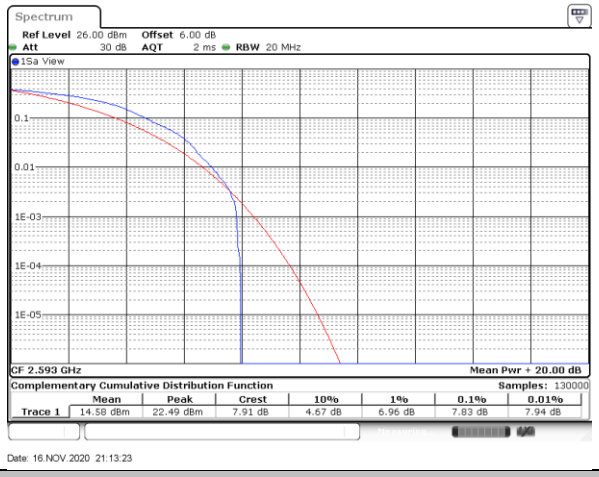
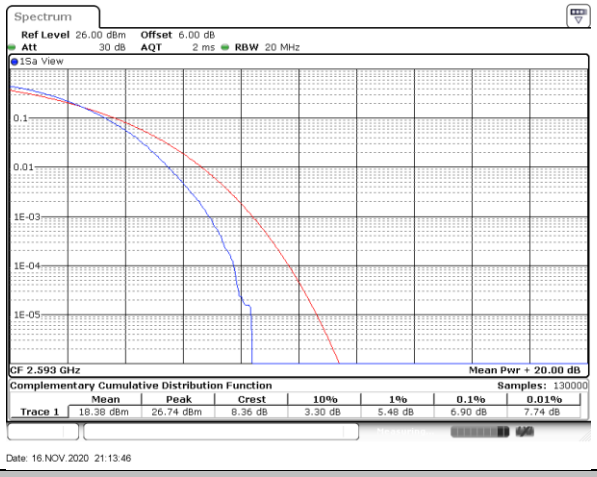
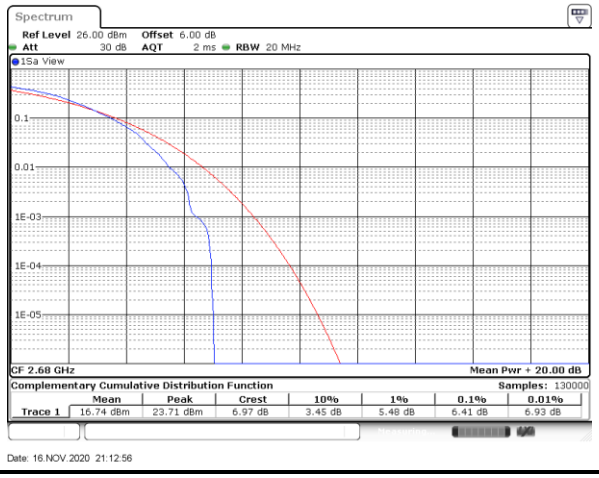
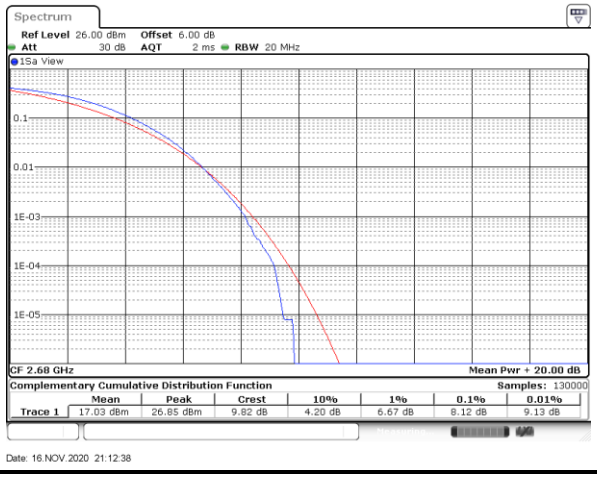
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.86	6.41	7.86	6.70	PASS
Middle CH	3.54	6.38	6.70	5.88	
Highest CH	3.91	6.41	6.55	6.75	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.90	6.46	6.84	8.46	PASS
Middle CH	5.88	6.41	7.83	6.9	
Highest CH	6.93	6.78	6.41	8.12	

LTE Band 41 / 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 41 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

LTE Band 41 / 20MHz / 64QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

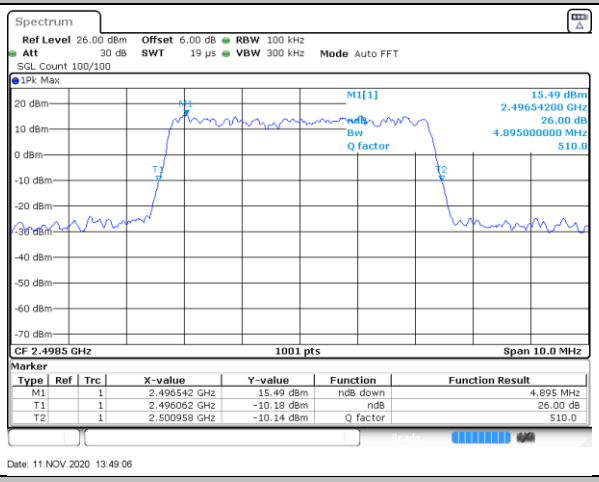
LTE Band 41 / 20MHz / 256QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

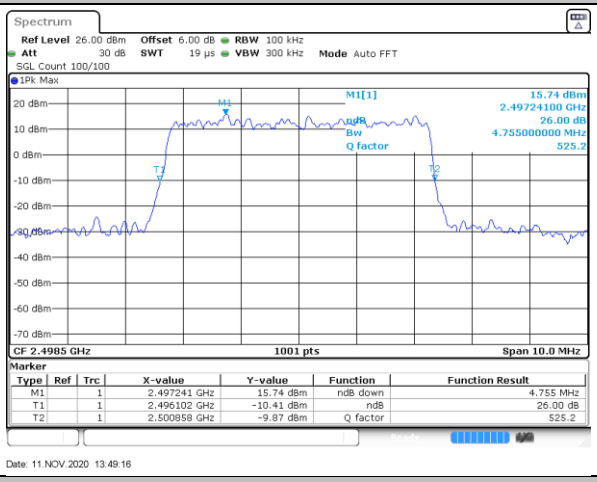
Mode	LTE Band 41 : 26dB BW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.90	4.76	9.71	9.65	14.33	14.33	20.10	20.18
Middle CH	-	-	-	-	4.87	4.89	9.67	9.61	14.24	14.18	20.10	20.42
Highest CH	-	-	-	-	4.90	4.85	9.63	9.67	14.12	14.24	20.02	20.14
Mode	LTE Band 41 : 26dB BW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	4.86	4.74	9.77	9.77	14.12	14.15	20.26	19.98
Middle CH	-	-	-	-	4.94	4.93	9.65	9.73	14.30	14.33	20.22	20.14
Highest CH	-	-	-	-	4.77	4.91	9.61	9.73	14.15	14.21	20.14	19.98

LTE Band 41

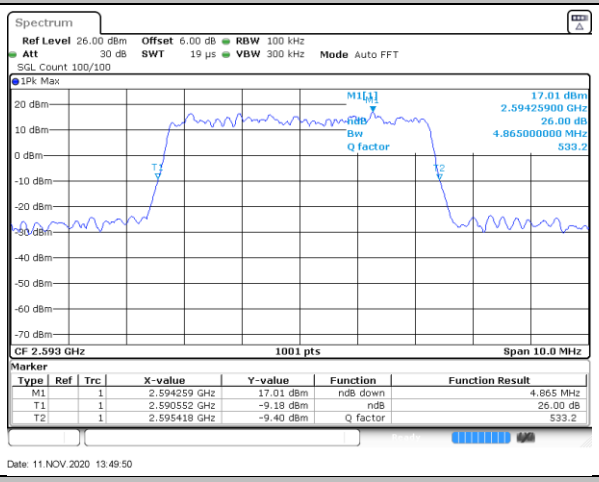
Lowest Channel / 5MHz / QPSK



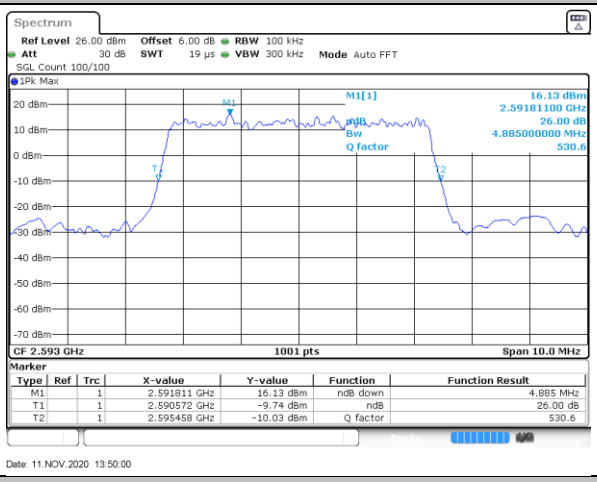
Lowest Channel / 5MHz / 16QAM



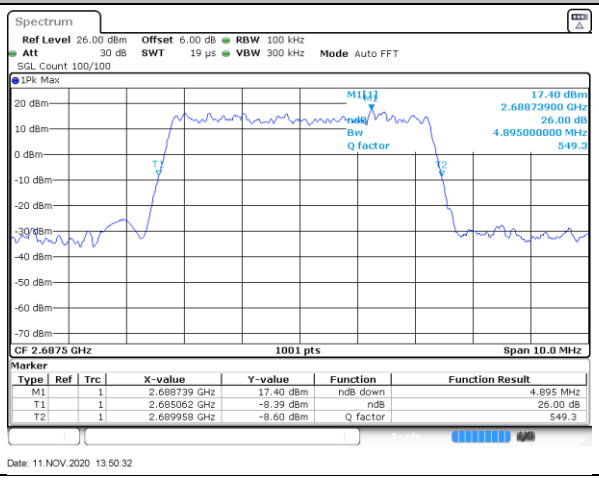
Middle Channel / 5MHz / QPSK



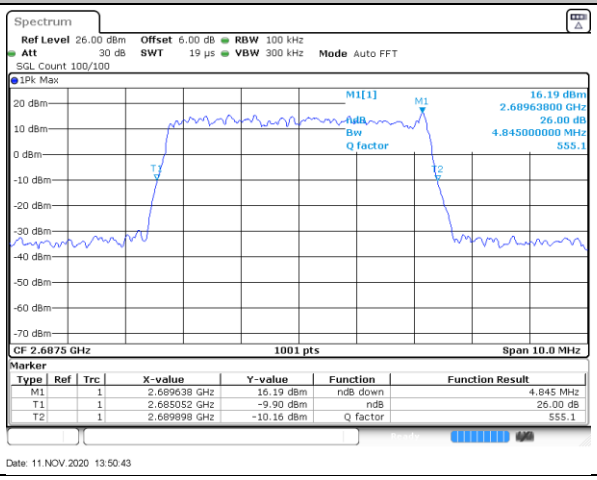
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

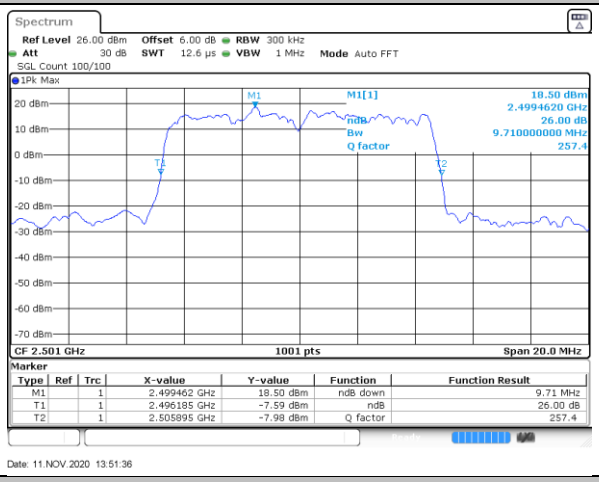


Highest Channel / 5MHz / 16QAM

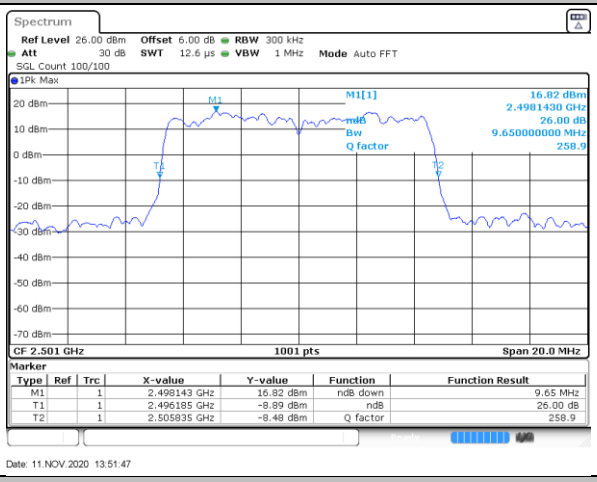


LTE Band 41

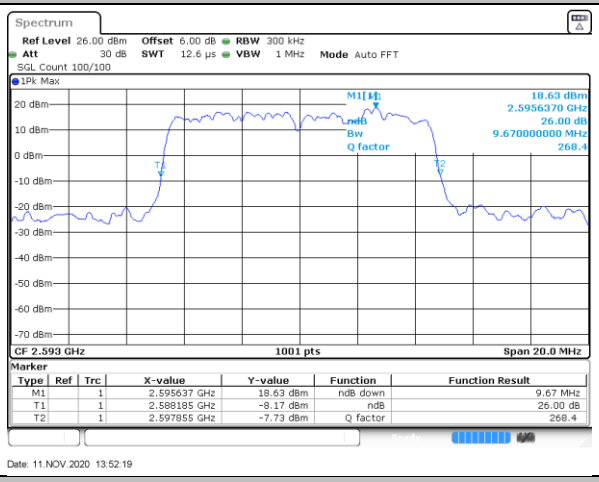
Lowest Channel / 10MHz / QPSK



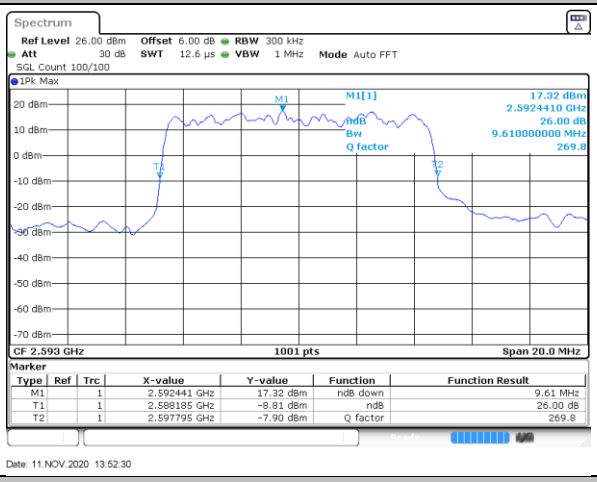
Lowest Channel / 10MHz / 16QAM



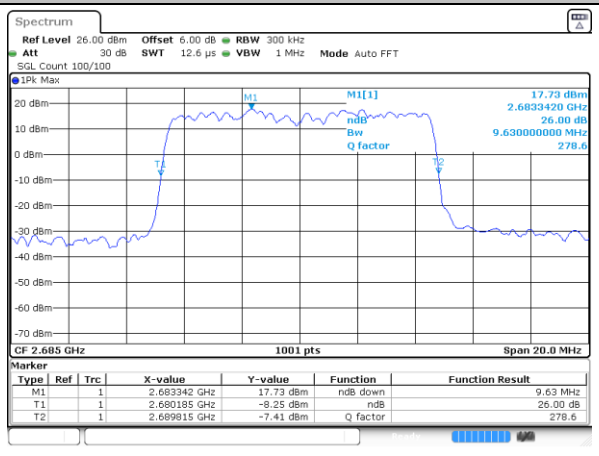
Middle Channel / 10MHz / QPSK



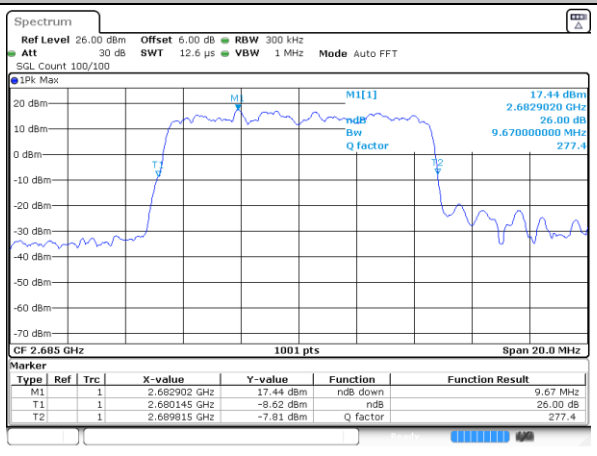
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

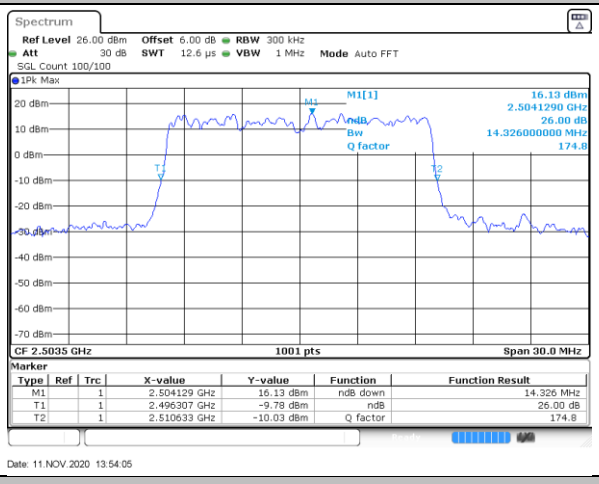


Highest Channel / 10MHz / 16QAM

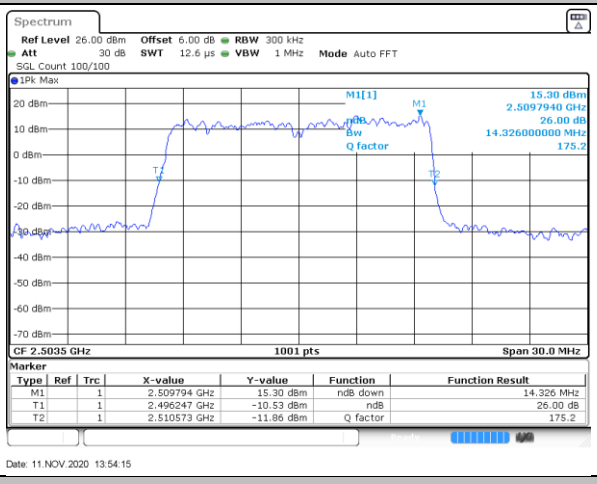


LTE Band 41

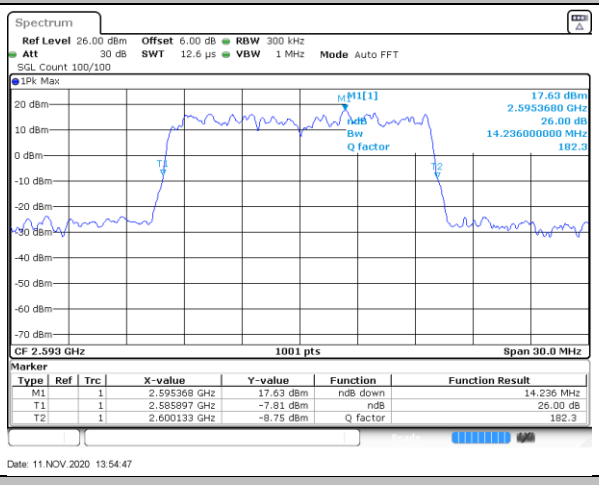
Lowest Channel / 15MHz / QPSK



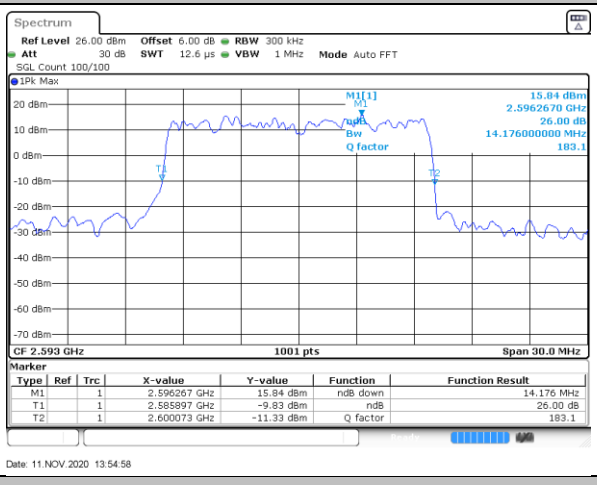
Lowest Channel / 15MHz / 16QAM



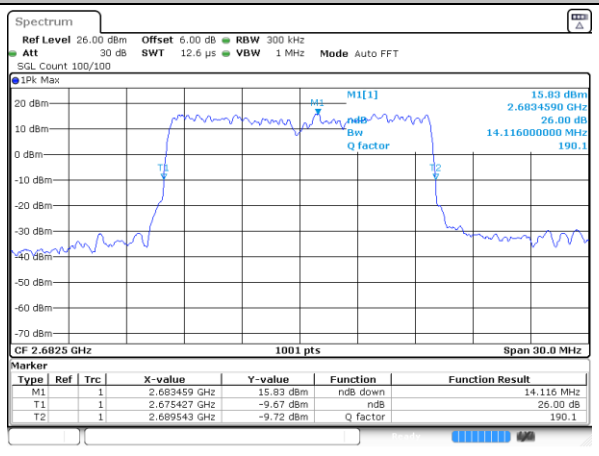
Middle Channel / 15MHz / QPSK



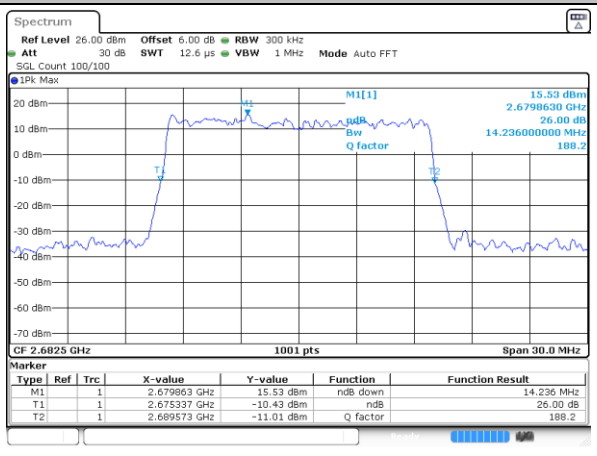
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

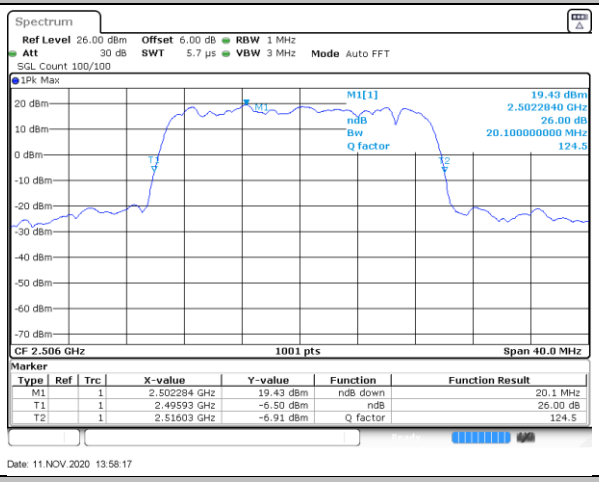


Highest Channel / 15MHz / 16QAM

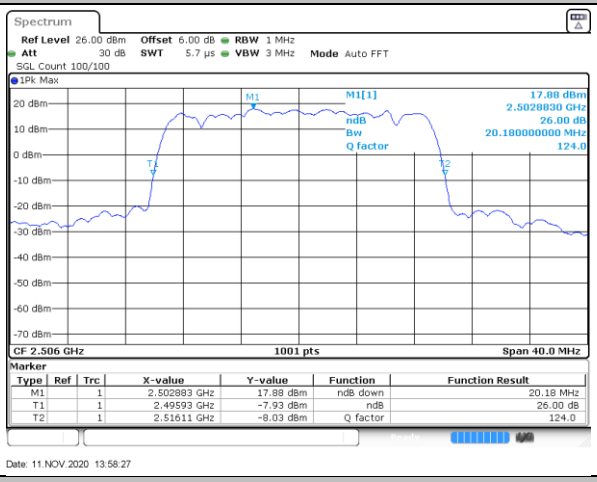


LTE Band 41

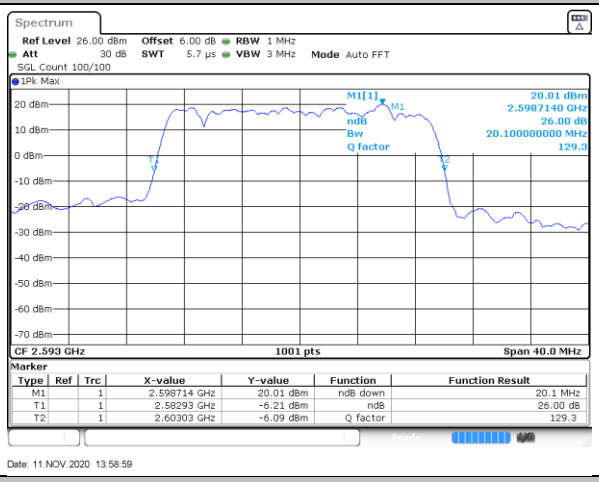
Lowest Channel / 20MHz / QPSK



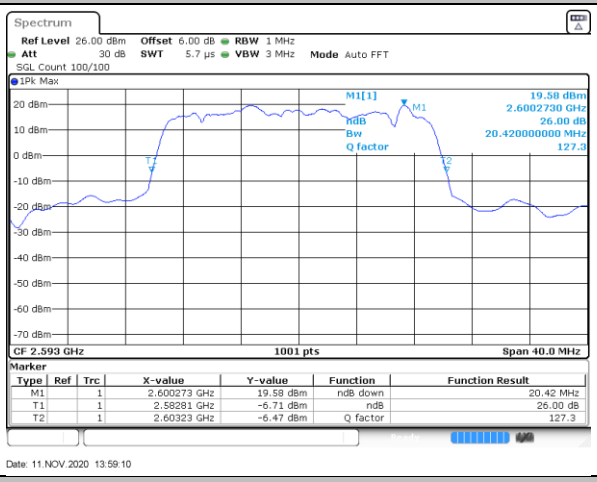
Lowest Channel / 20MHz / 16QAM



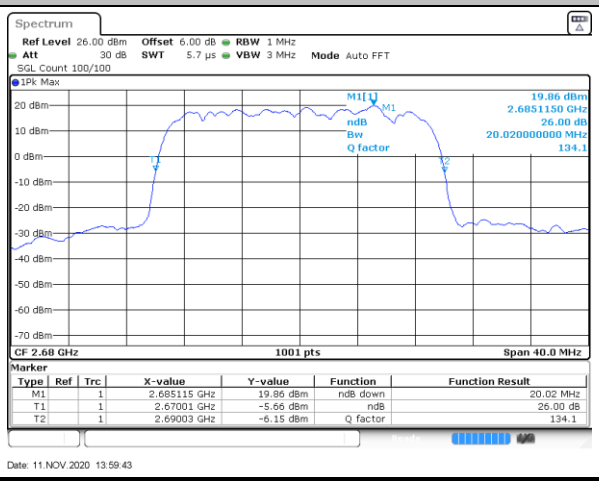
Middle Channel / 20MHz / QPSK



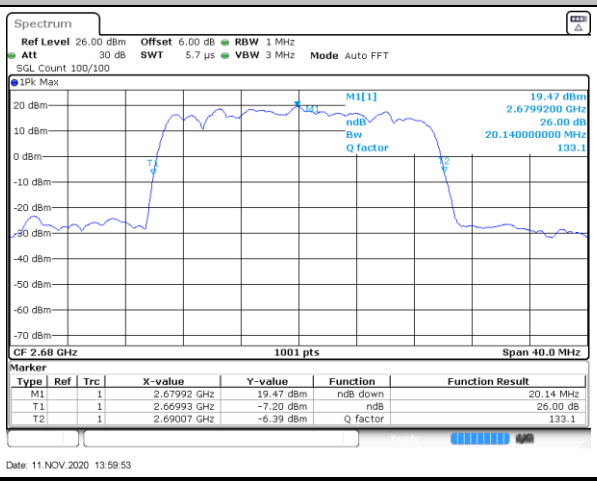
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

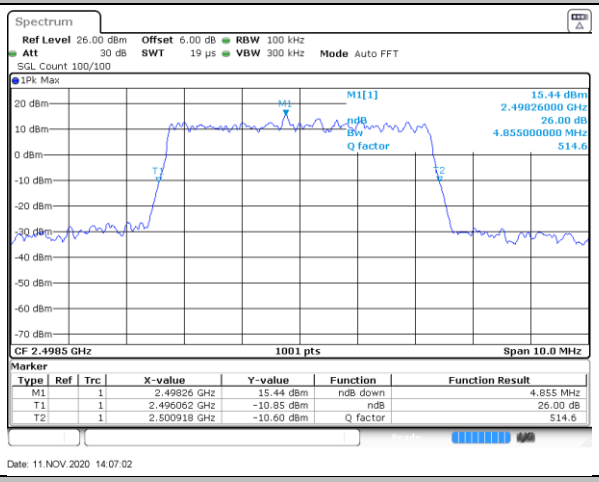


Highest Channel / 20MHz / 16QAM

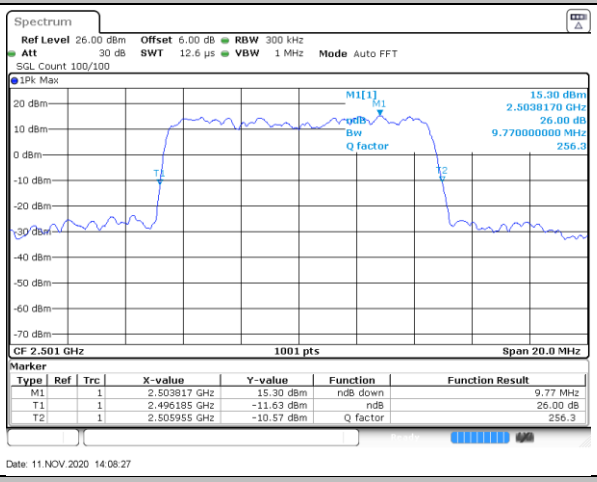


LTE Band 41

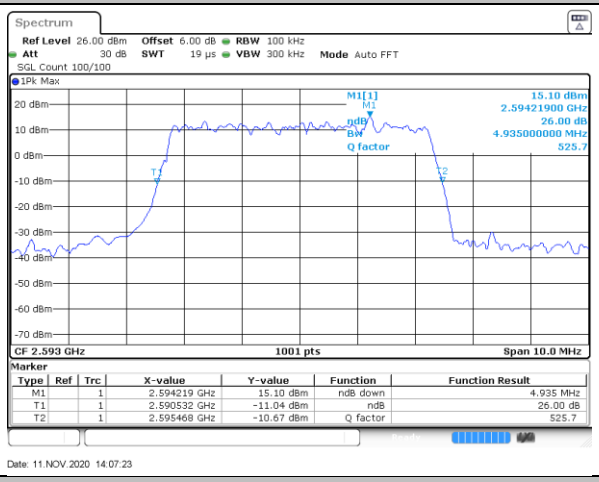
Lowest Channel / 5MHz / 64QAM



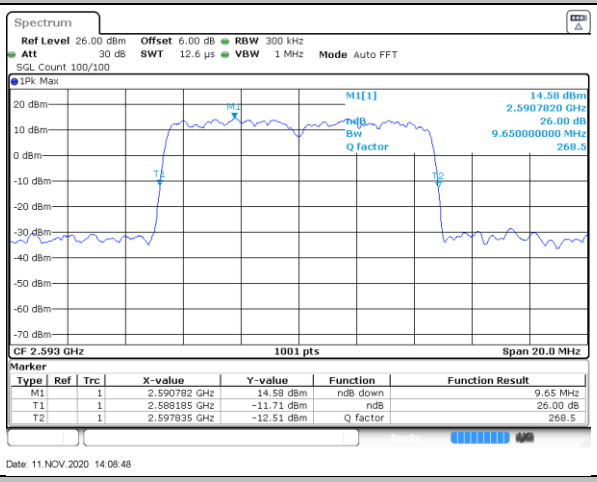
Lowest Channel / 10MHz / 64QAM



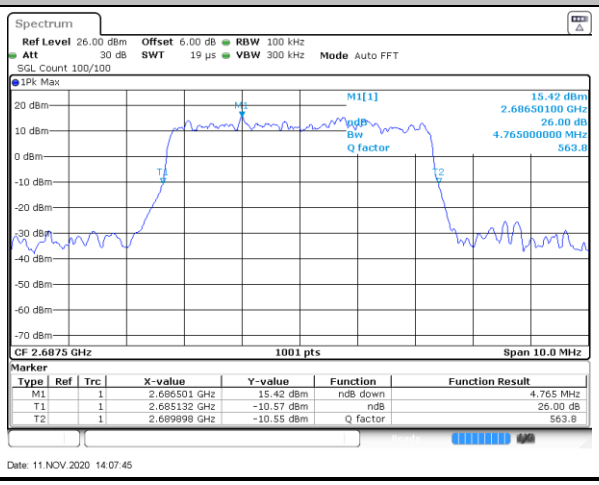
Middle Channel / 5MHz / 64QAM



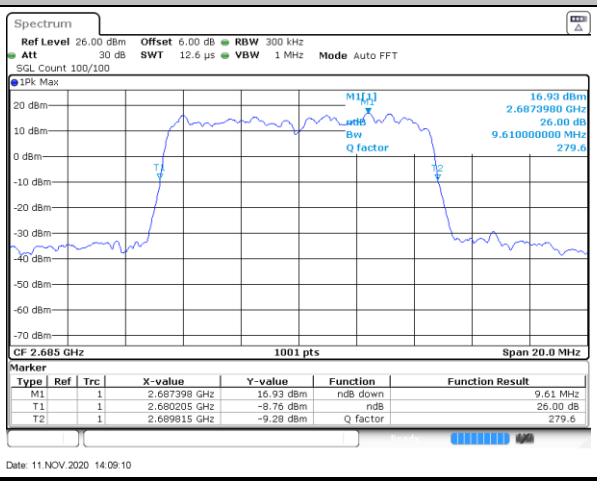
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

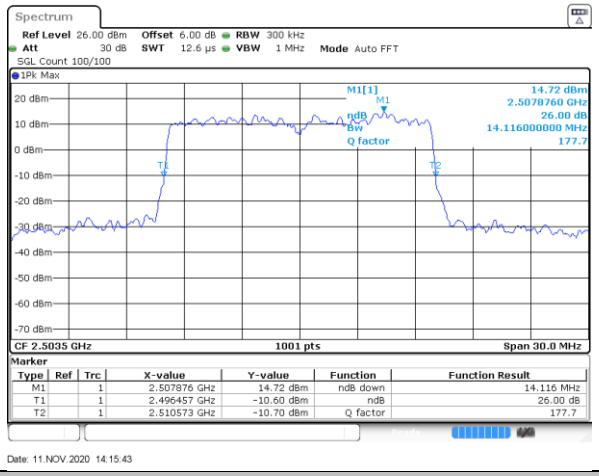


Highest Channel / 10MHz / 64QAM

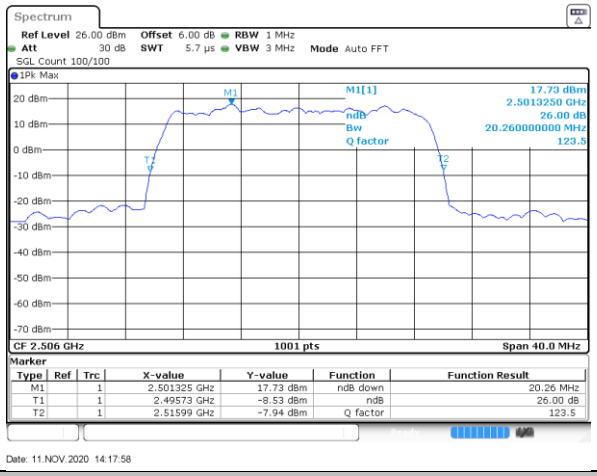


LTE Band 41

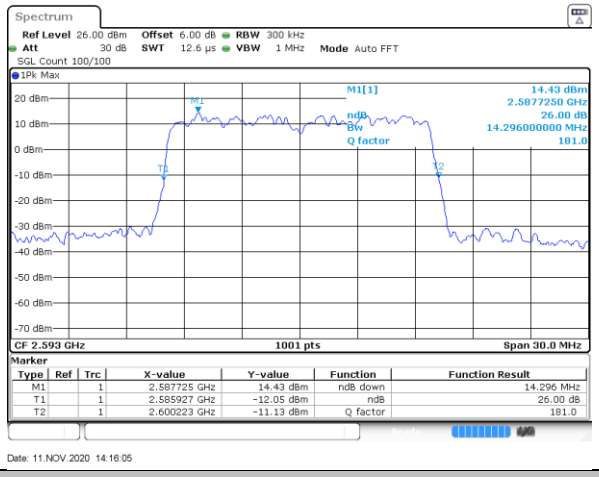
Lowest Channel / 15MHz / 64QAM



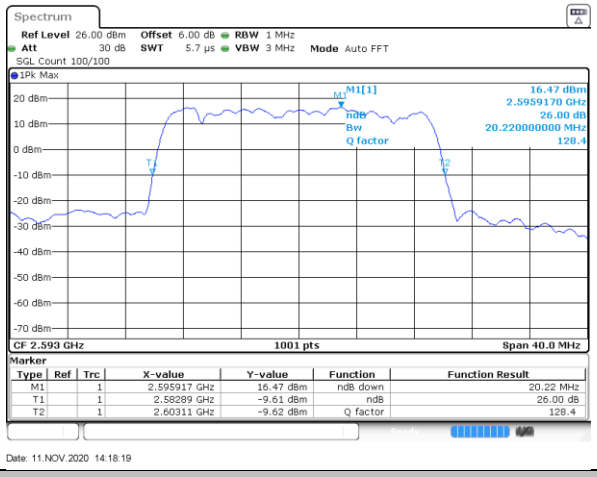
Lowest Channel / 20MHz / 64QAM



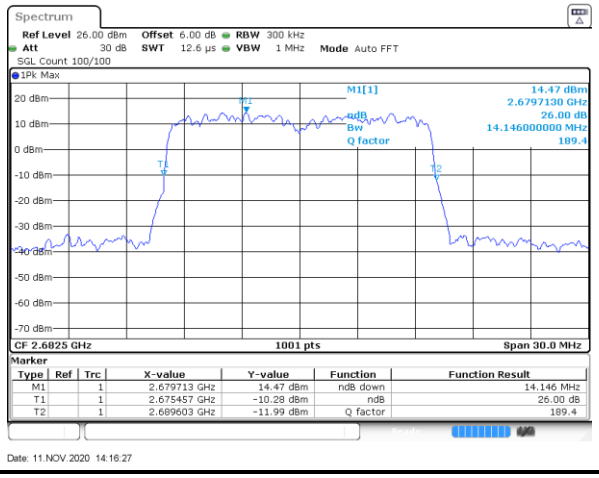
Middle Channel / 15MHz / 64QAM



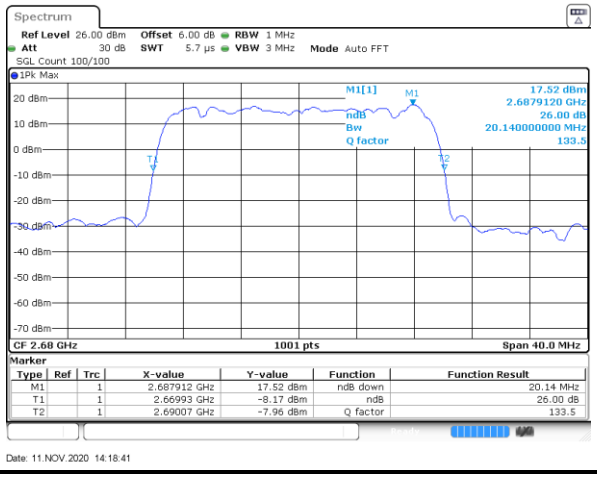
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM

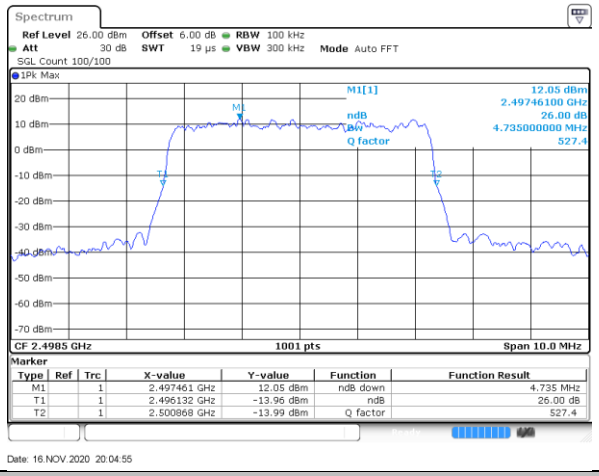


Highest Channel / 20MHz / 64QAM

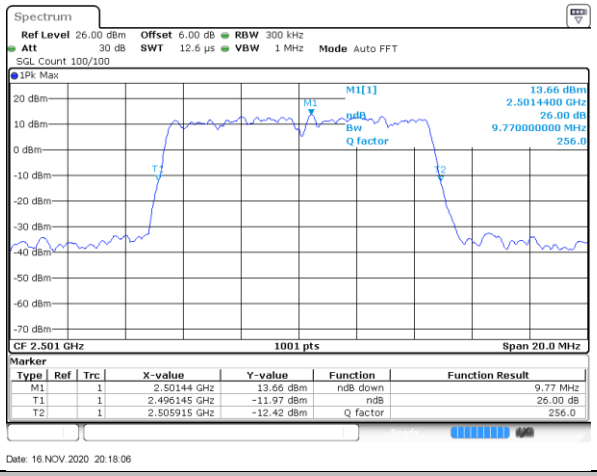


LTE Band 41

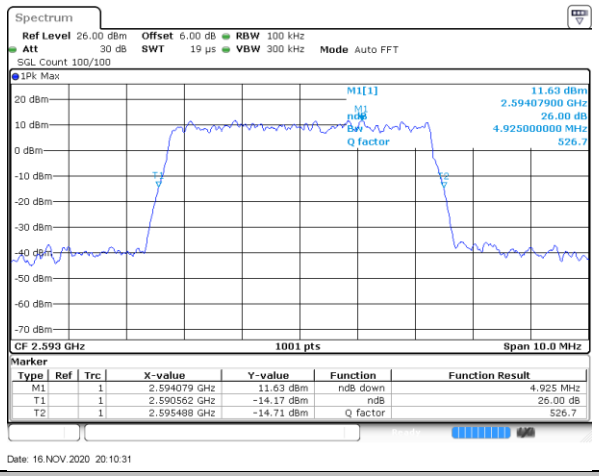
Lowest Channel / 5MHz / 256QAM



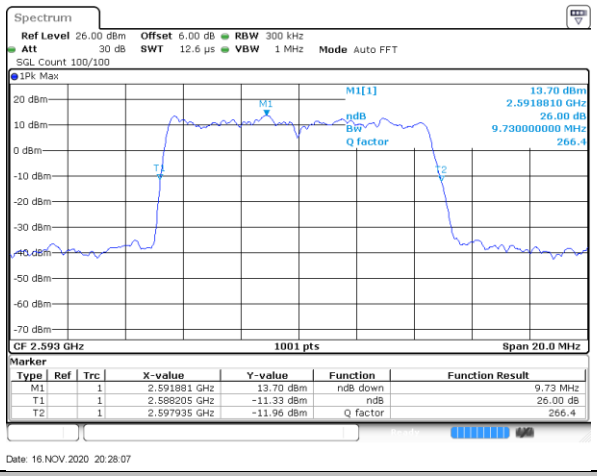
Lowest Channel / 10MHz / 256QAM



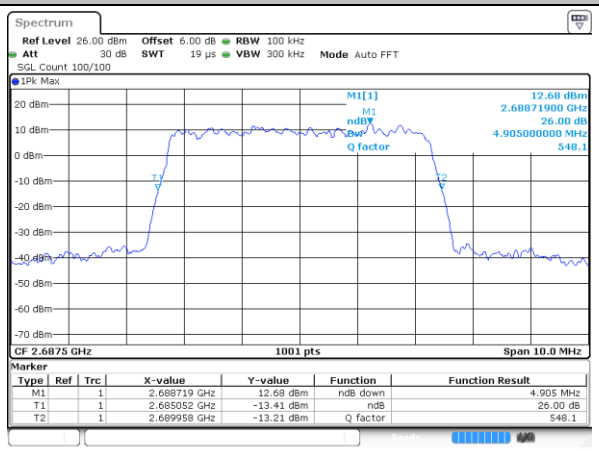
Middle Channel / 5MHz / 256QAM



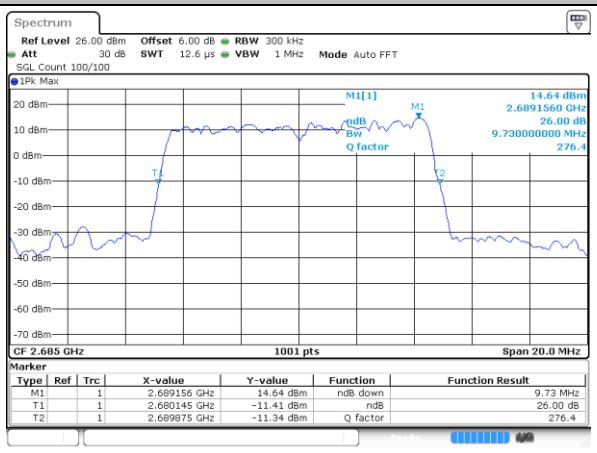
Middle Channel / 10MHz / 256QAM



Highest Channel / 5MHz / 256QAM

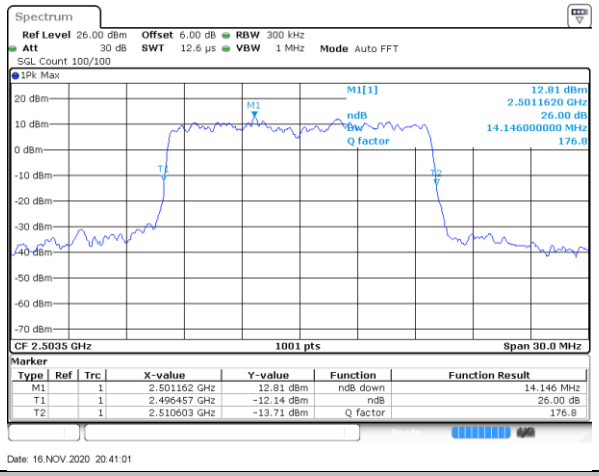


Highest Channel / 10MHz / 256QAM

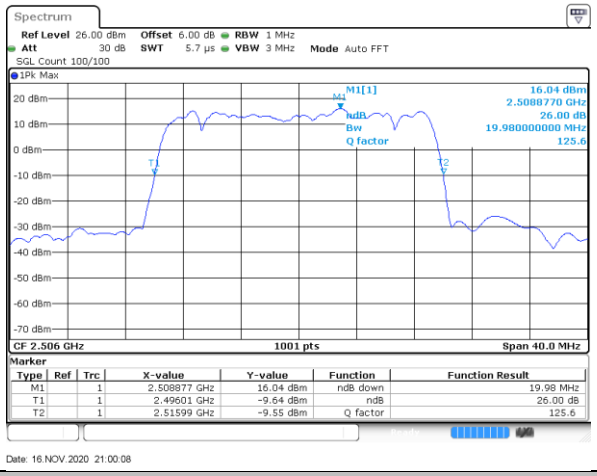


LTE Band 41

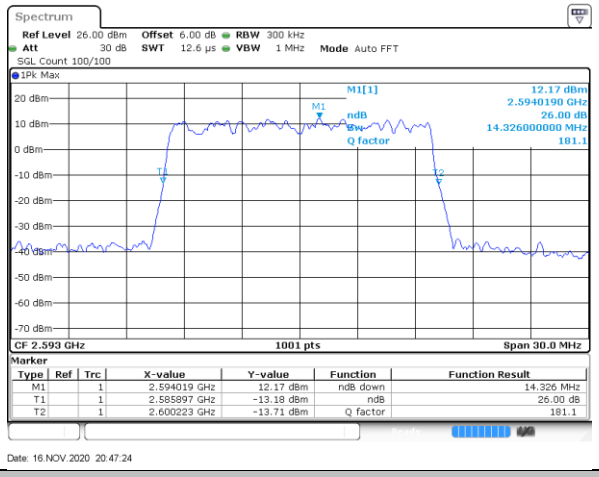
Lowest Channel / 15MHz / 256QAM



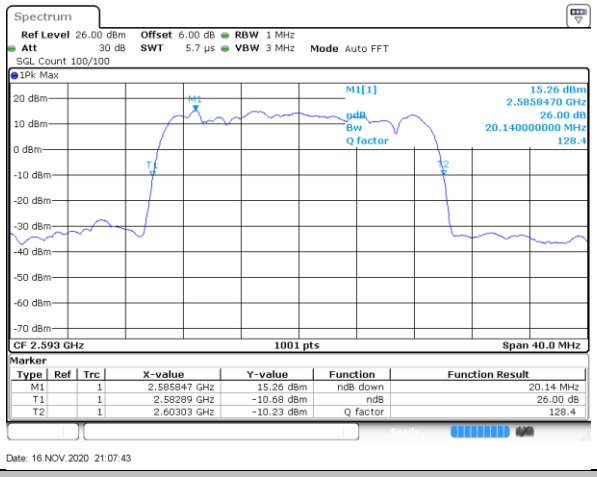
Lowest Channel / 20MHz / 256QAM



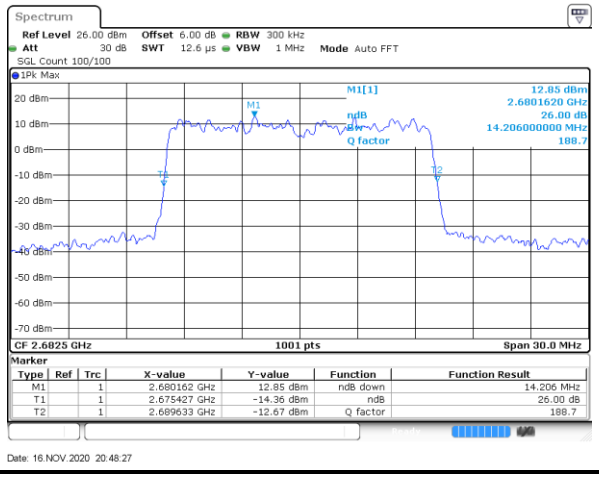
Middle Channel / 15MHz / 256QAM



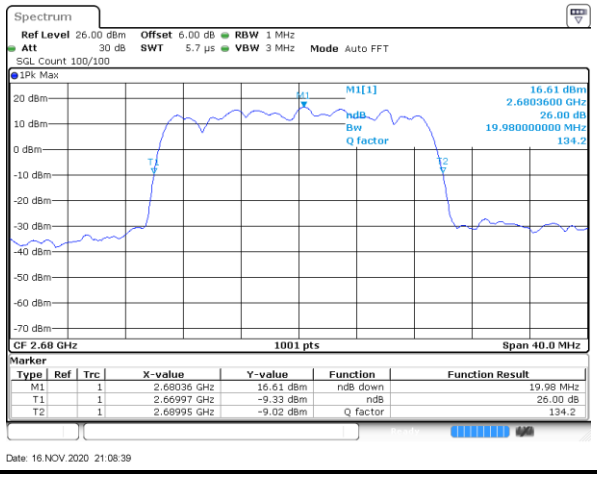
Middle Channel / 20MHz / 256QAM



Highest Channel / 15MHz / 256QAM



Highest Channel / 20MHz / 256QAM

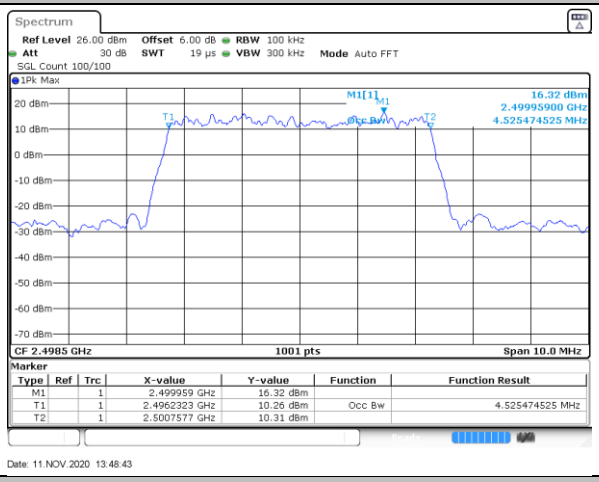


Occupied Bandwidth

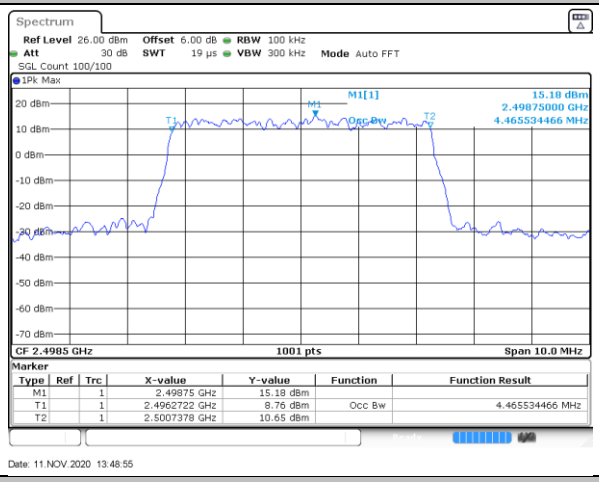
Mode	LTE Band 41 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.53	4.47	8.99	9.07	13.46	13.46	18.50	18.22
Middle CH	-	-	-	-	4.50	4.50	9.03	9.03	13.46	13.52	18.30	18.26
Highest CH	-	-	-	-	4.48	4.47	9.05	8.97	13.37	13.31	18.42	18.42
Mode	LTE Band 41 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	4.52	4.47	8.99	9.01	13.43	13.43	18.42	18.14
Middle CH	-	-	-	-	4.50	4.47	9.07	9.03	13.43	13.49	18.46	18.10
Highest CH	-	-	-	-	4.51	4.45	8.97	9.07	13.43	13.40	18.26	18.42

LTE Band 41

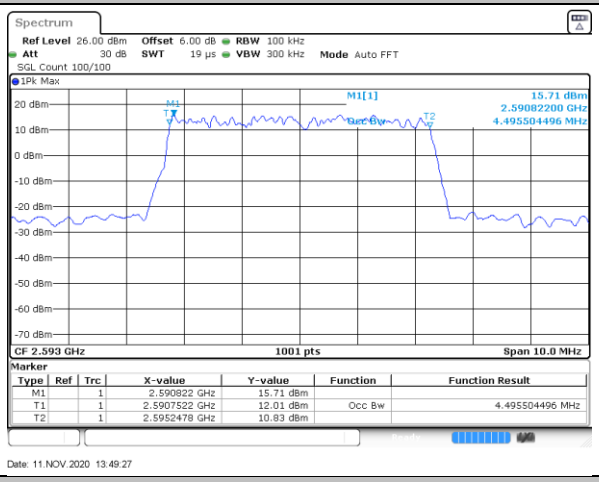
Lowest Channel / 5MHz / QPSK



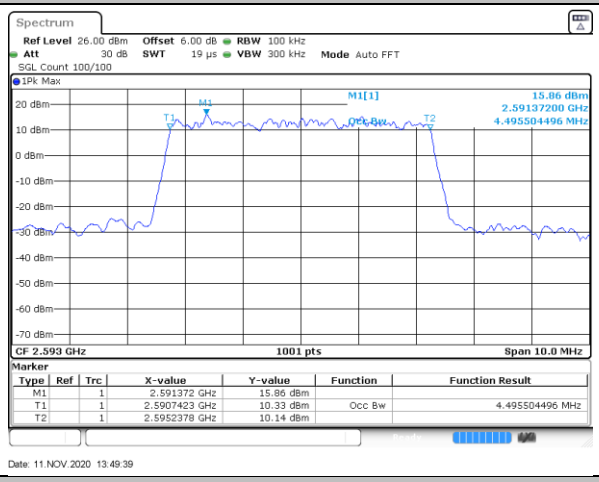
Lowest Channel / 5MHz / 16QAM



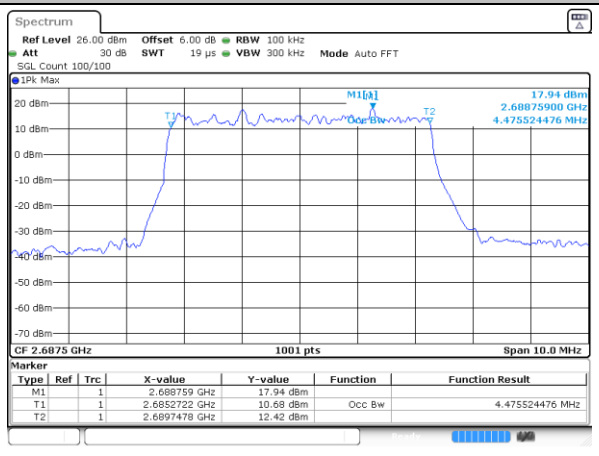
Middle Channel / 5MHz / QPSK



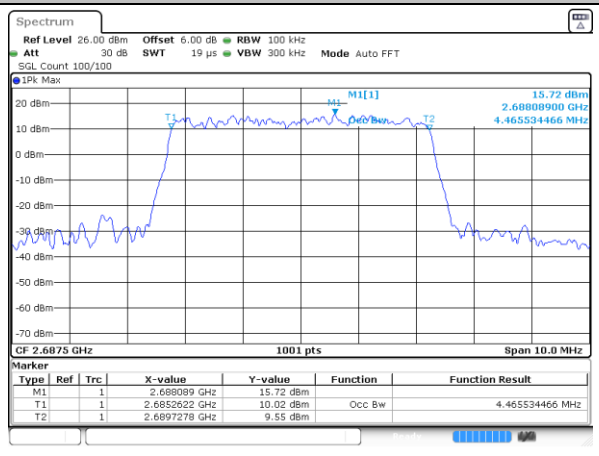
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

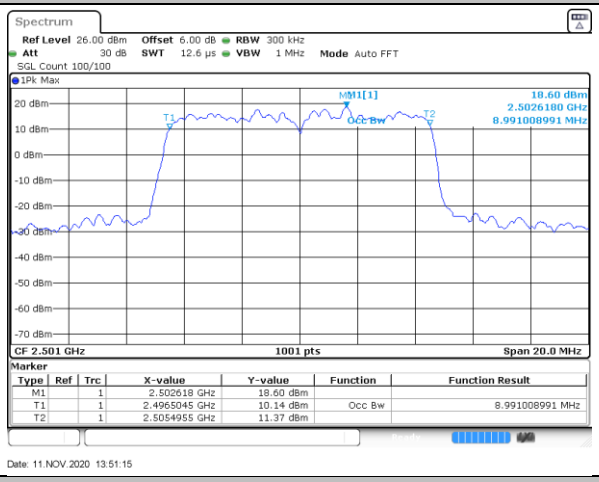


Highest Channel / 5MHz / 16QAM

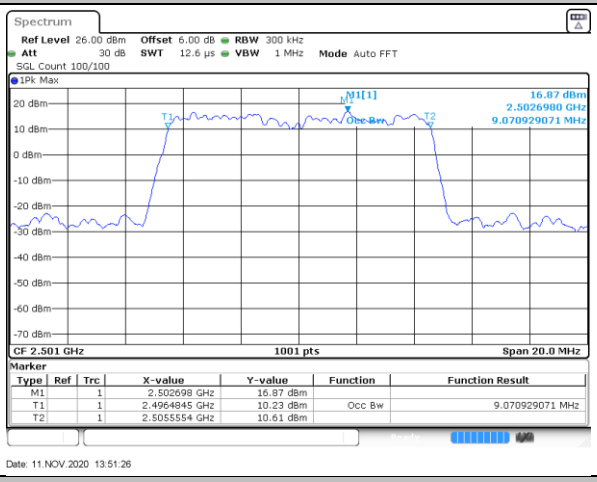


LTE Band 41

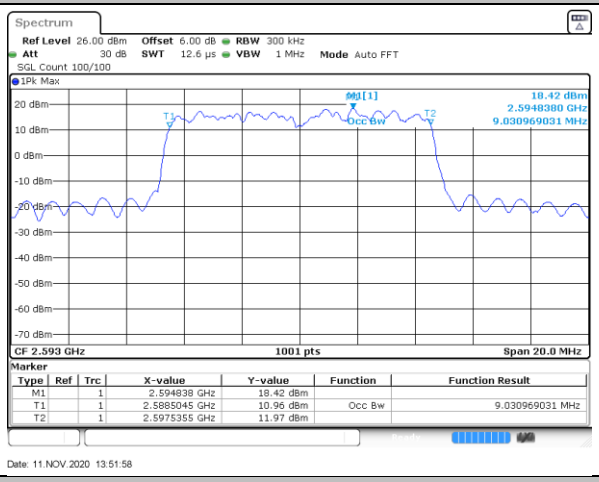
Lowest Channel / 10MHz / QPSK



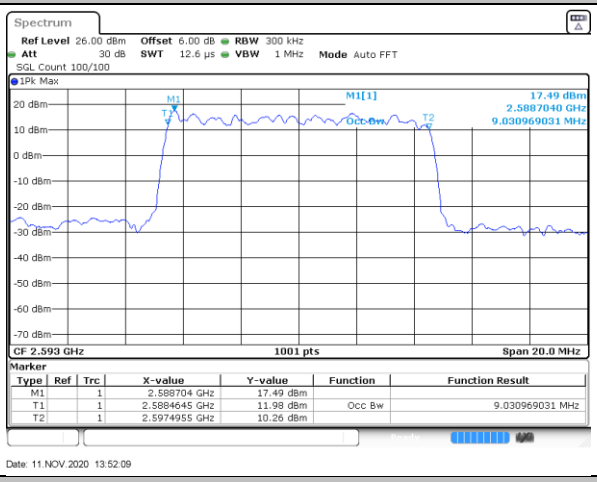
Lowest Channel / 10MHz / 16QAM



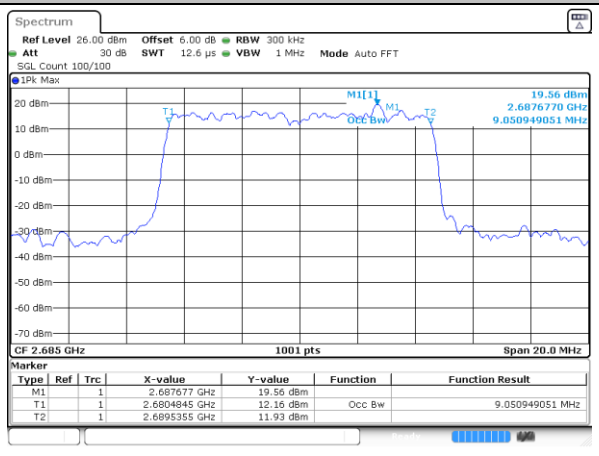
Middle Channel / 10MHz / QPSK



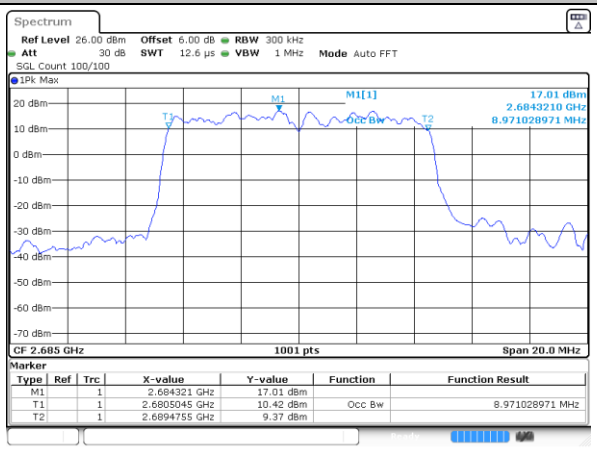
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

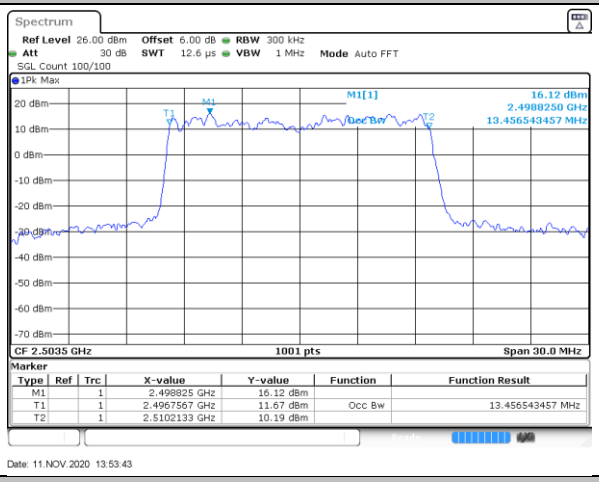


Highest Channel / 10MHz / 16QAM

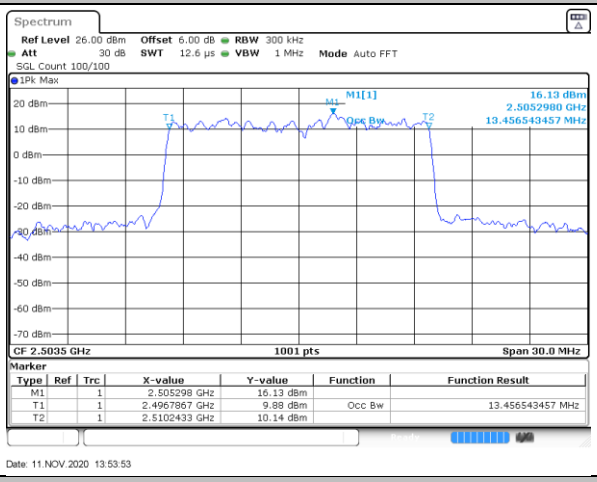


LTE Band 41

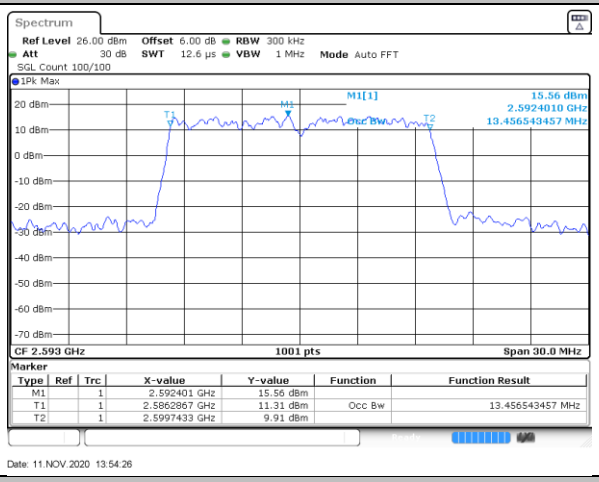
Lowest Channel / 15MHz / QPSK



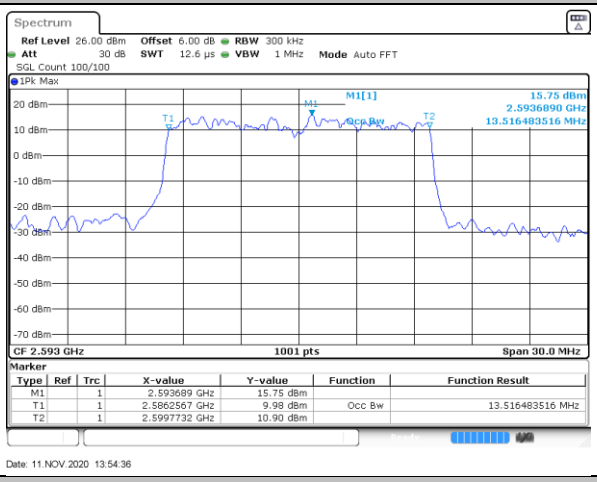
Lowest Channel / 15MHz / 16QAM



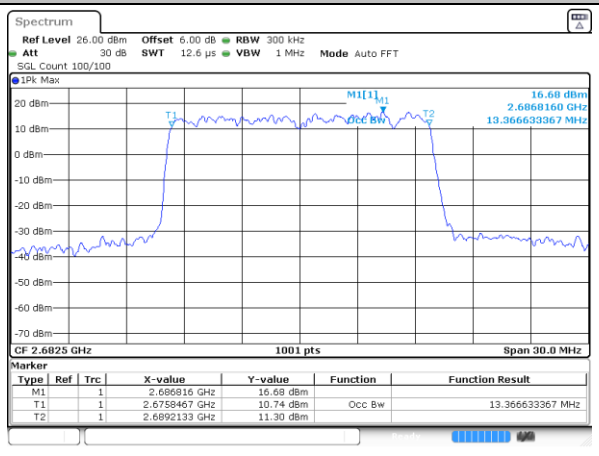
Middle Channel / 15MHz / QPSK



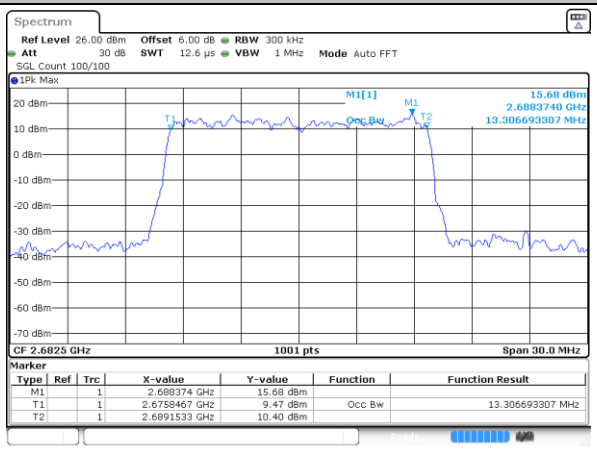
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

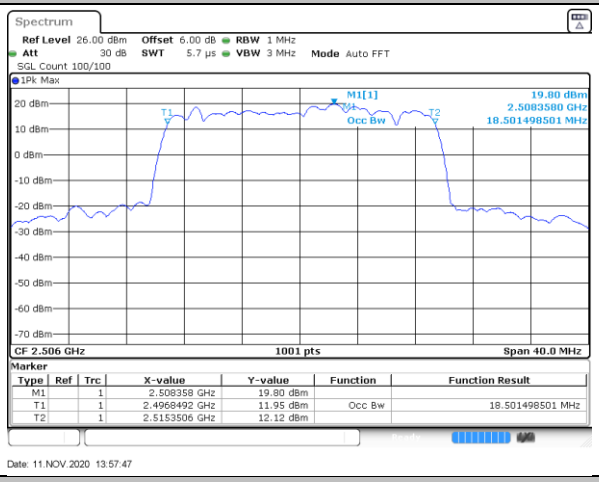


Highest Channel / 15MHz / 16QAM

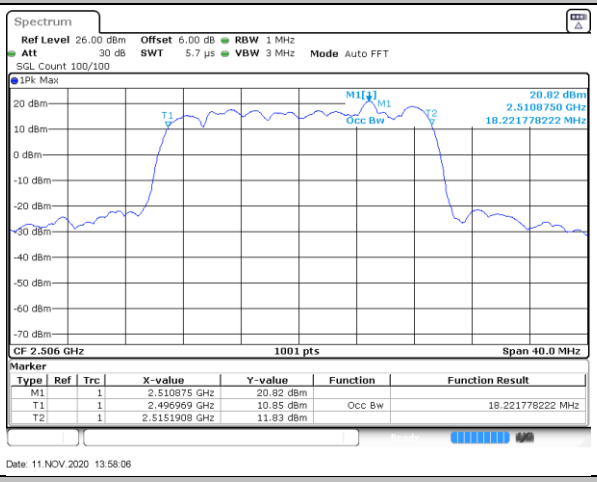


LTE Band 41

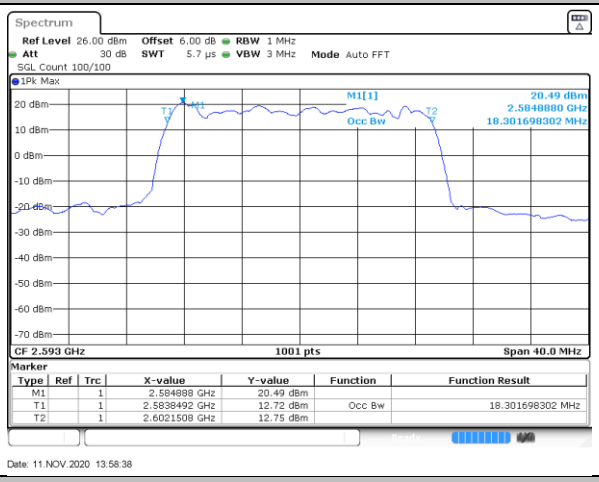
Lowest Channel / 20MHz / QPSK



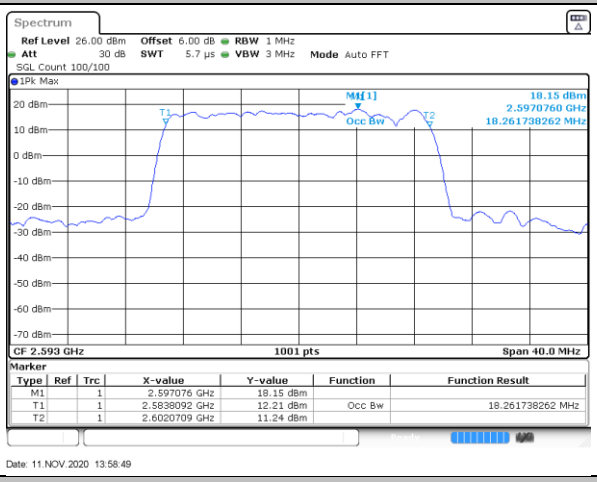
Lowest Channel / 20MHz / 16QAM



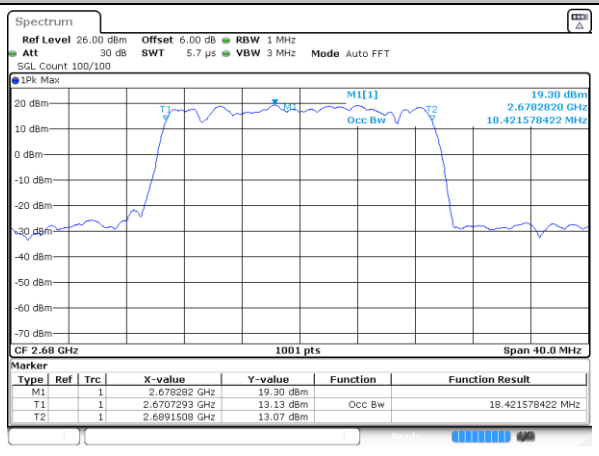
Middle Channel / 20MHz / QPSK



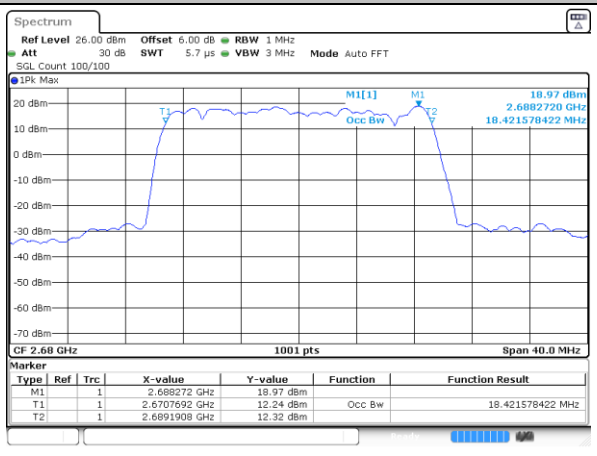
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

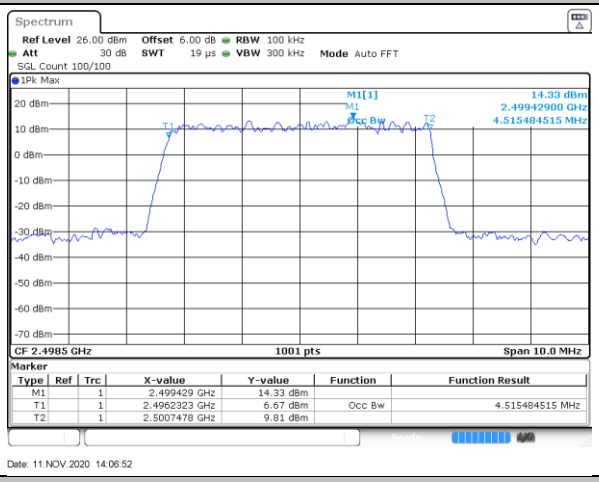


Highest Channel / 20MHz / 16QAM

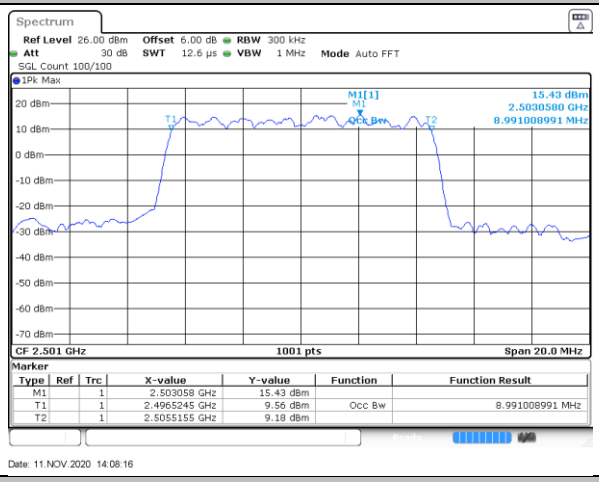


LTE Band 41

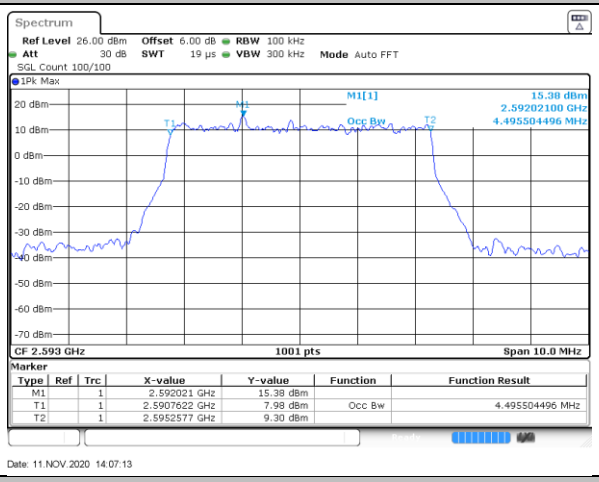
Lowest Channel / 5MHz / 64QAM



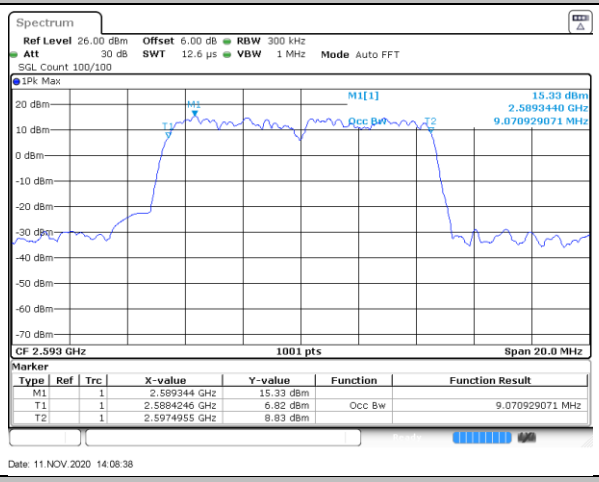
Lowest Channel / 10MHz / 64QAM



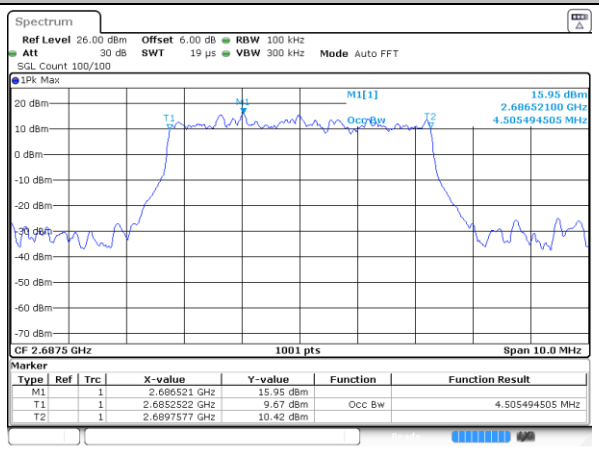
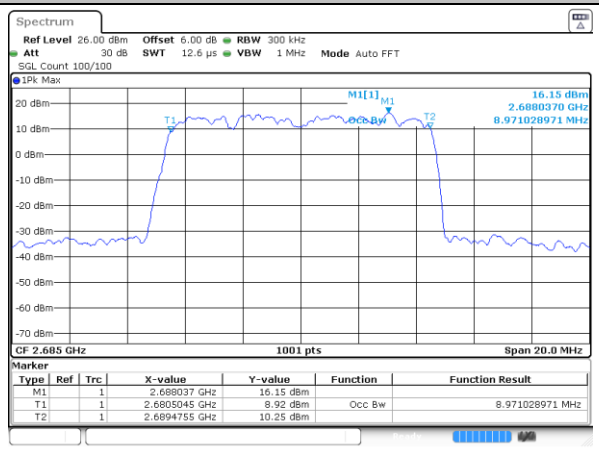
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM