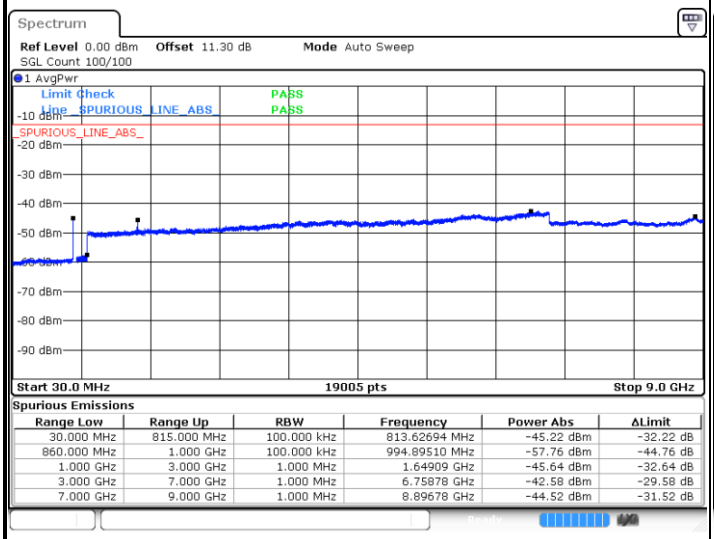
LTE Band 5 / 5MHz

Lowest Channel / QPSK

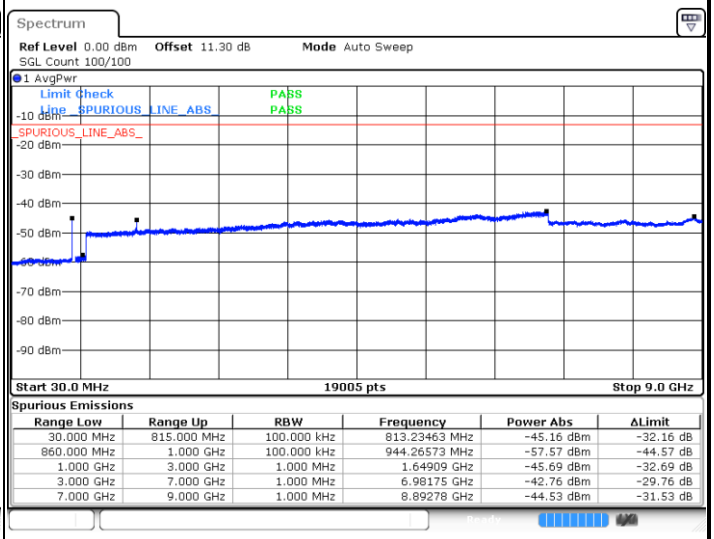


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-45.22 dBm	-32.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.89510 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75878 GHz	-42.58 dBm	-29.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89678 GHz	-44.52 dBm	-31.52 dB

Date: 28.SEP.2020 06:18:12

Lowest Channel / 16QAM

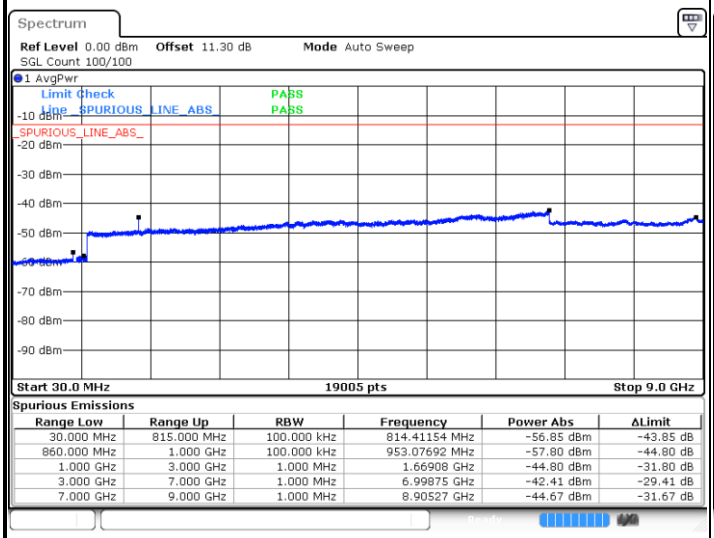


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-45.16 dBm	-32.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	944.26573 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.69 dBm	-32.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98175 GHz	-42.76 dBm	-29.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89278 GHz	-44.53 dBm	-31.53 dB

Date: 28.SEP.2020 06:18:58

Middle Channel / QPSK

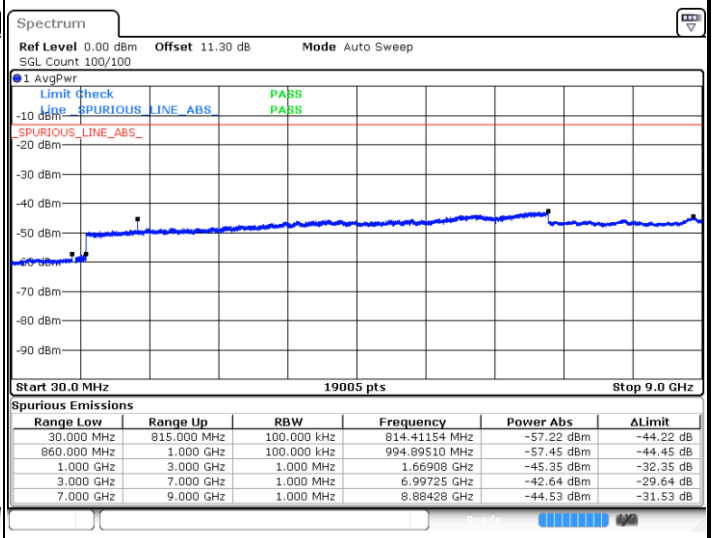


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-56.85 dBm	-43.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	953.07692 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.80 dBm	-31.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.41 dBm	-29.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90527 GHz	-44.67 dBm	-31.67 dB

Date: 28.SEP.2020 06:20:30

Middle Channel / 16QAM



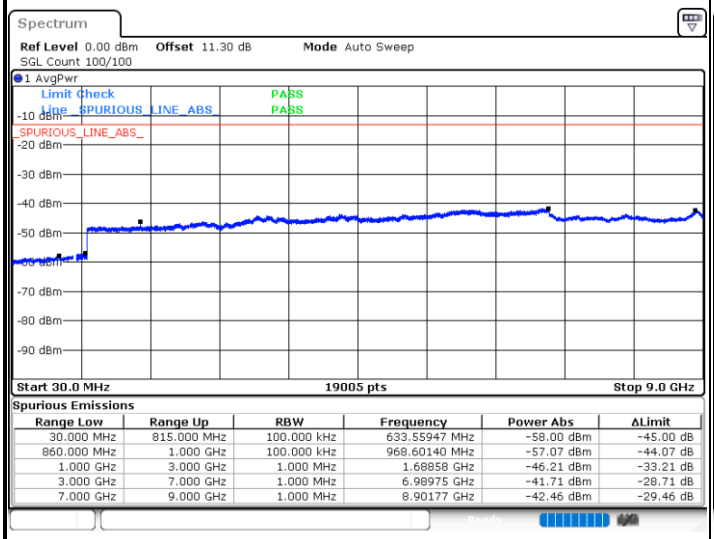
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.22 dBm	-44.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.89510 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.35 dBm	-32.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.64 dBm	-29.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88428 GHz	-44.53 dBm	-31.53 dB

Date: 28.SEP.2020 06:21:15

LTE Band 5 / 5MHz

Highest Channel / QPSK

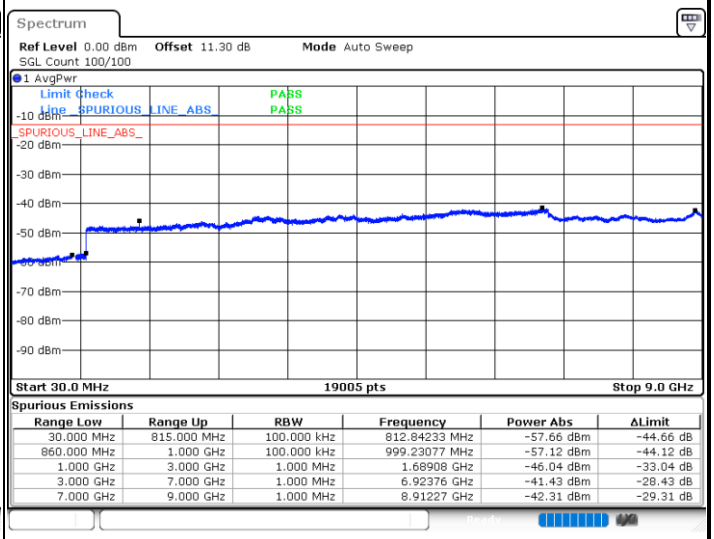


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	633.55947 MHz	-58.00 dBm	-45.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	968.60140 MHz	-57.07 dBm	-44.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68858 GHz	-46.21 dBm	-33.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.71 dBm	-28.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90177 GHz	-42.46 dBm	-29.46 dB

Date: 28.SEP.2020 19:41:33

Highest Channel / 16QAM



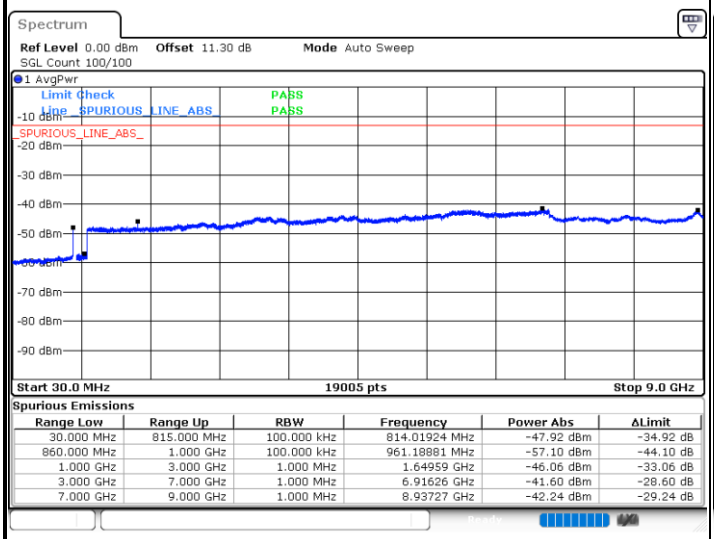
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-57.66 dBm	-44.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.23077 MHz	-57.12 dBm	-44.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92376 GHz	-41.43 dBm	-28.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91227 GHz	-42.31 dBm	-29.31 dB

Date: 28.SEP.2020 19:42:18

LTE Band 5 / 10MHz

Lowest Channel / QPSK

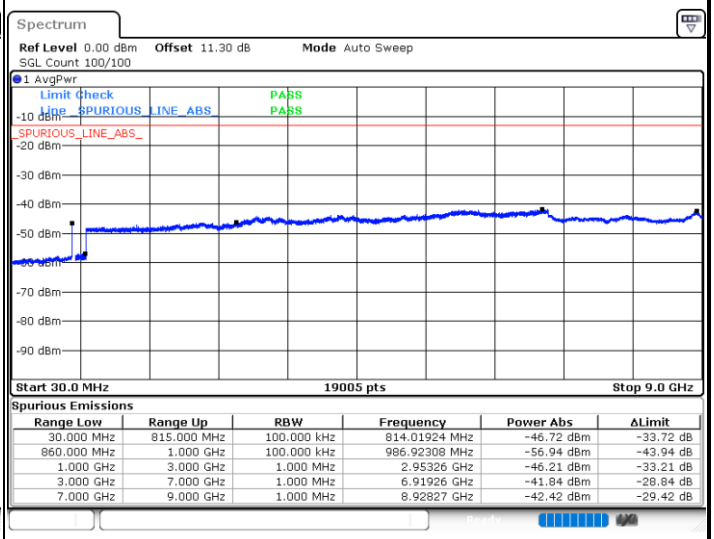


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-47.92 dBm	-34.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	961.18881 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.06 dBm	-33.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91626 GHz	-41.60 dBm	-28.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93727 GHz	-42.24 dBm	-29.24 dB

Date: 28.SEP.2020 19:59:49

Lowest Channel / 16QAM



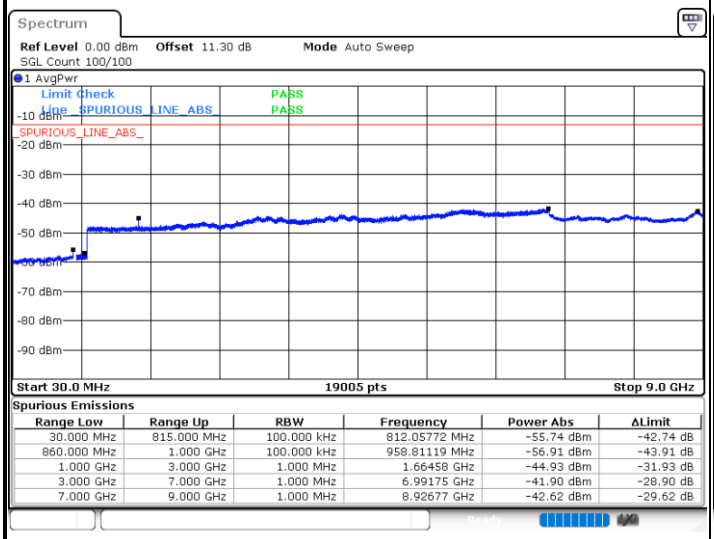
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-46.72 dBm	-33.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.92308 MHz	-56.94 dBm	-43.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95326 GHz	-46.21 dBm	-33.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91926 GHz	-41.84 dBm	-28.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92827 GHz	-42.42 dBm	-29.42 dB

Date: 28.SEP.2020 20:00:34

LTE Band 5 / 10MHz

Middle Channel / QPSK

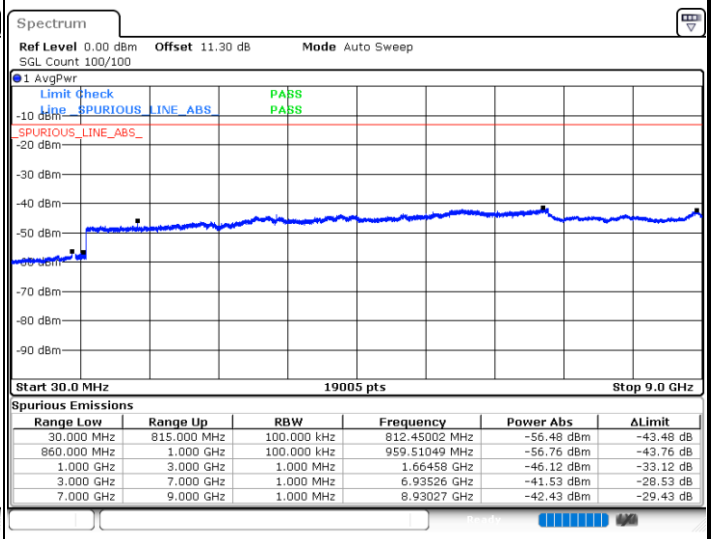


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.05772 MHz	-55.74 dBm	-42.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	958.81119 MHz	-56.91 dBm	-43.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.93 dBm	-31.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.90 dBm	-28.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92677 GHz	-42.62 dBm	-29.62 dB

Date: 28.SEP.2020 20:02:04

Middle Channel / 16QAM

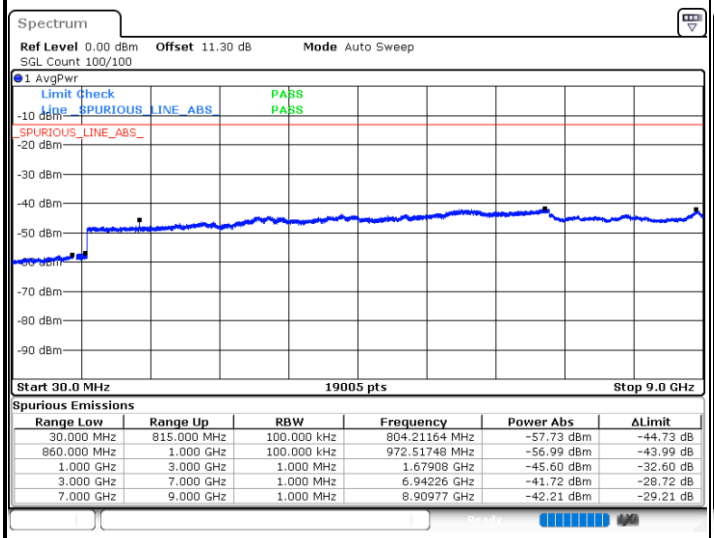


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-56.48 dBm	-43.48 dB
860.000 MHz	1.000 GHz	100.000 kHz	959.51049 MHz	-56.76 dBm	-43.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93526 GHz	-41.53 dBm	-28.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93027 GHz	-42.43 dBm	-29.43 dB

Date: 28.SEP.2020 20:02:49

Highest Channel / QPSK

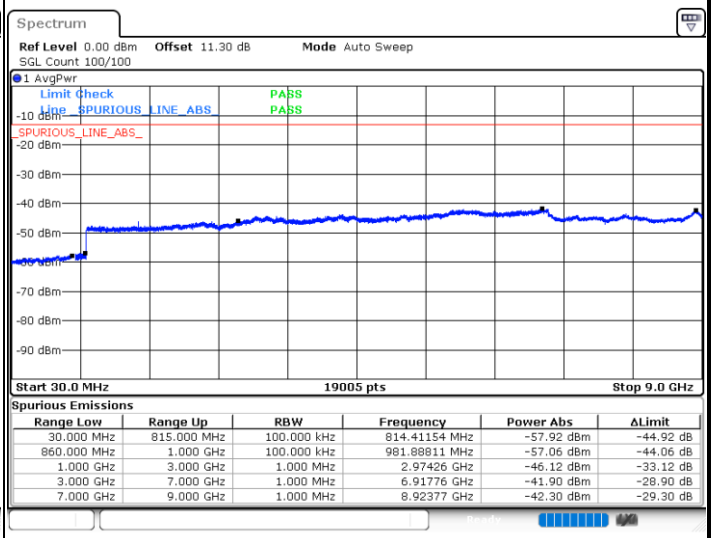


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	804.21164 MHz	-57.73 dBm	-44.73 dB
860.000 MHz	1.000 GHz	100.000 kHz	972.51748 MHz	-56.99 dBm	-43.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-45.60 dBm	-32.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94226 GHz	-41.72 dBm	-28.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90977 GHz	-42.21 dBm	-29.21 dB

Date: 28.SEP.2020 20:11:01

Highest Channel / 16QAM



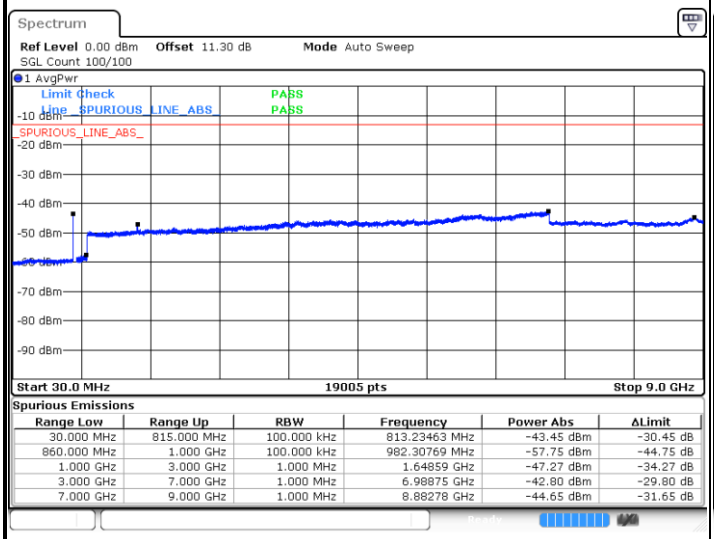
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.92 dBm	-44.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	981.88811 MHz	-57.06 dBm	-44.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97426 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-41.90 dBm	-28.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-42.30 dBm	-29.30 dB

Date: 28.SEP.2020 20:11:46

LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

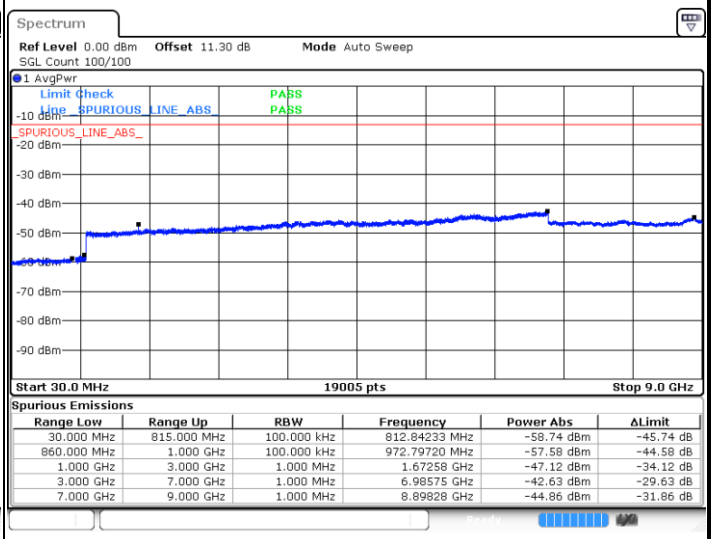


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-43.45 dBm	-30.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	982.30769 MHz	-57.75 dBm	-44.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.80 dBm	-29.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88278 GHz	-44.65 dBm	-31.65 dB

Date: 28.SEP.2020 05:33:41

Middle Channel / 64QAM

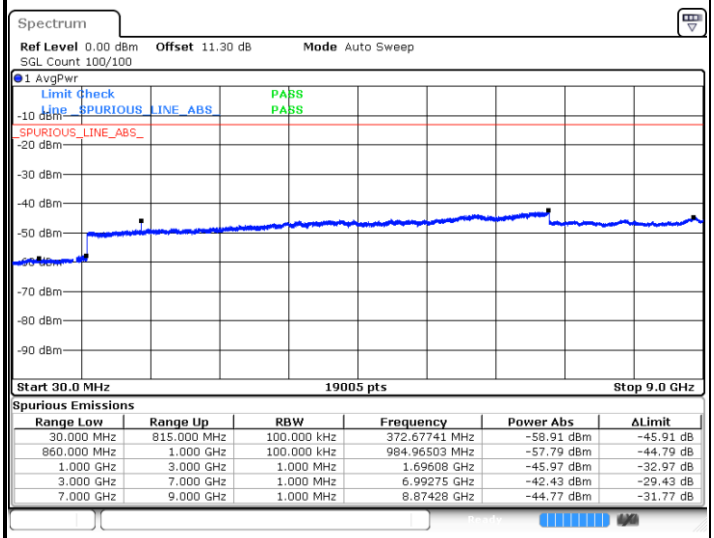


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.74 dBm	-45.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	972.79720 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-42.63 dBm	-29.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89828 GHz	-44.86 dBm	-31.86 dB

Date: 28.SEP.2020 05:34:50

Highest Channel / 64QAM



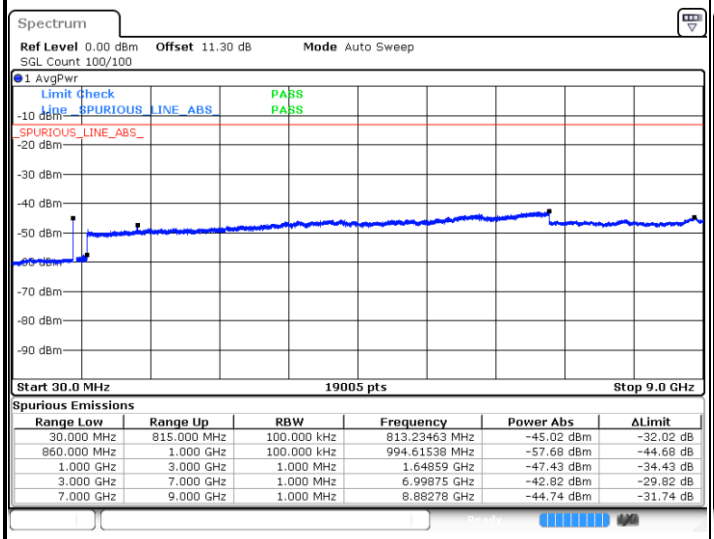
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	372.67741 MHz	-58.91 dBm	-45.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.96503 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.43 dBm	-29.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87428 GHz	-44.77 dBm	-31.77 dB

Date: 28.SEP.2020 05:39:21

LTE Band 5 / 3MHz

Lowest Channel / 64QAM

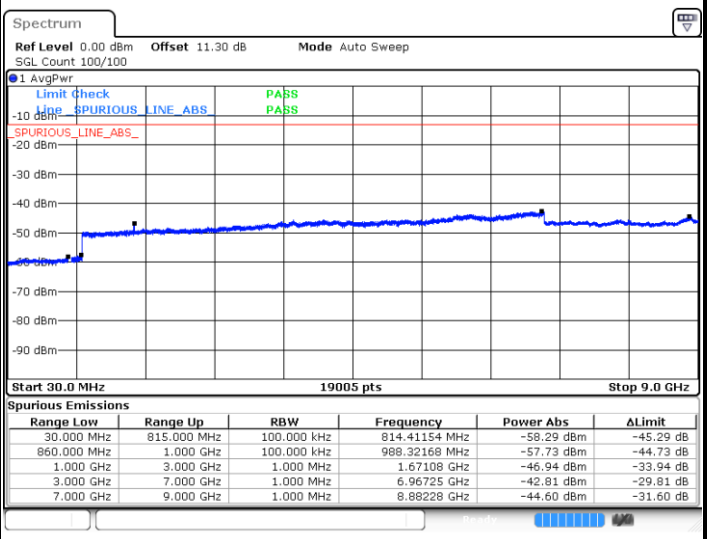


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-45.02 dBm	-32.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.61538 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.43 dBm	-34.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.82 dBm	-29.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88278 GHz	-44.74 dBm	-31.74 dB

Date: 28.SEP.2020 06:04:16

Middle Channel / 64QAM

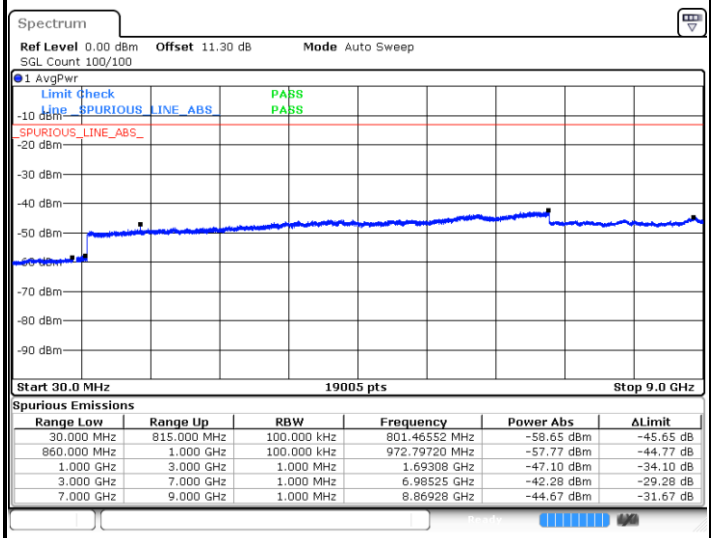


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.29 dBm	-45.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.32168 MHz	-57.73 dBm	-44.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96725 GHz	-42.81 dBm	-29.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88228 GHz	-44.60 dBm	-31.60 dB

Date: 28.SEP.2020 06:05:24

Highest Channel / 64QAM



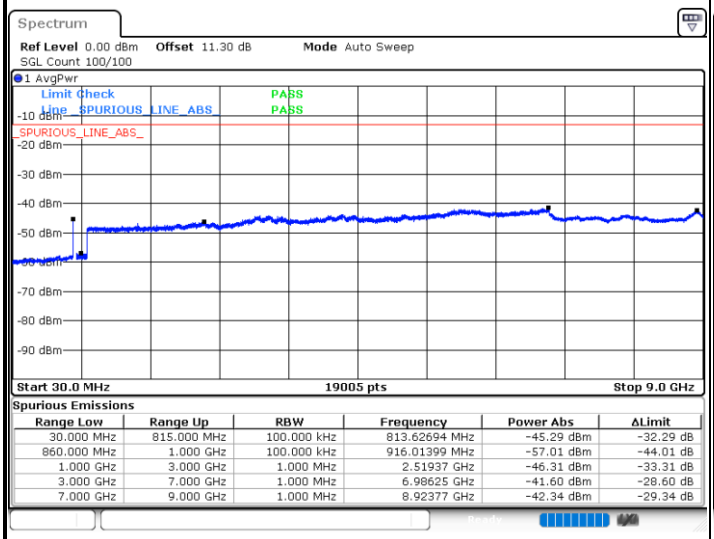
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.46552 MHz	-58.65 dBm	-45.65 dB
860.000 MHz	1.000 GHz	100.000 kHz	972.79720 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-42.28 dBm	-29.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.86928 GHz	-44.67 dBm	-31.67 dB

Date: 28.SEP.2020 06:09:55

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

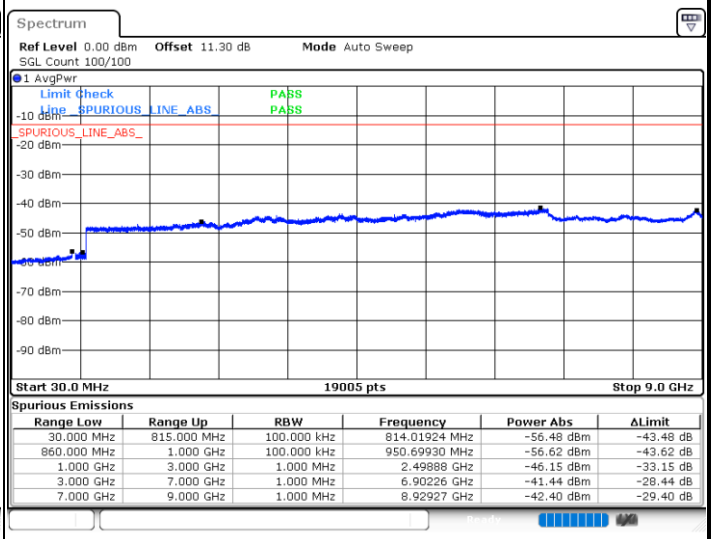


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-45.29 dBm	-32.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	916.01399 MHz	-57.01 dBm	-44.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51937 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-41.60 dBm	-28.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-42.34 dBm	-29.34 dB

Date: 28.SEP.2020 19:46:47

Middle Channel / 64QAM

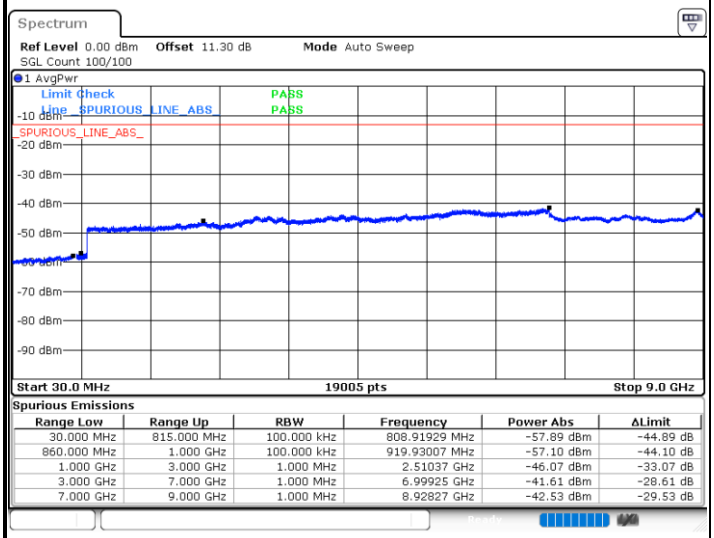


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-56.48 dBm	-43.48 dB
860.000 MHz	1.000 GHz	100.000 kHz	950.69930 MHz	-56.62 dBm	-43.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49888 GHz	-46.15 dBm	-33.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90226 GHz	-41.44 dBm	-28.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92927 GHz	-42.40 dBm	-29.40 dB

Date: 28.SEP.2020 19:47:54

Highest Channel / 64QAM



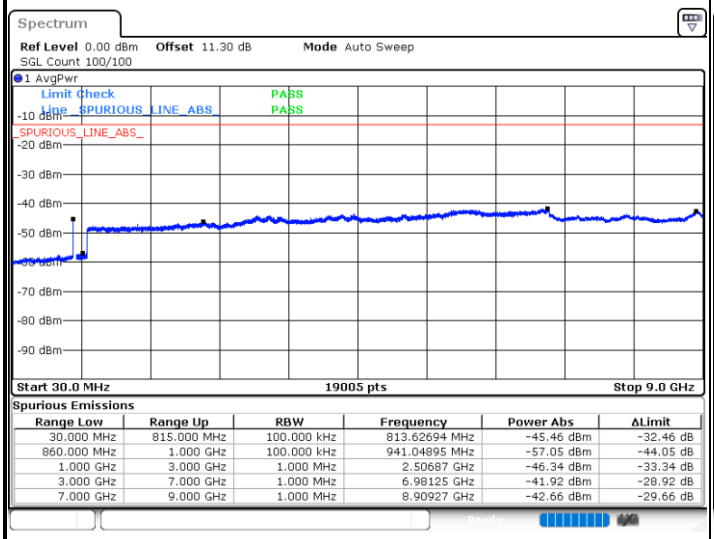
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-57.89 dBm	-44.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.93007 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51037 GHz	-46.07 dBm	-33.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-41.61 dBm	-28.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92827 GHz	-42.53 dBm	-29.53 dB

Date: 28.SEP.2020 20:34:06

LTE Band 5 / 10MHz

Lowest Channel / 64QAM

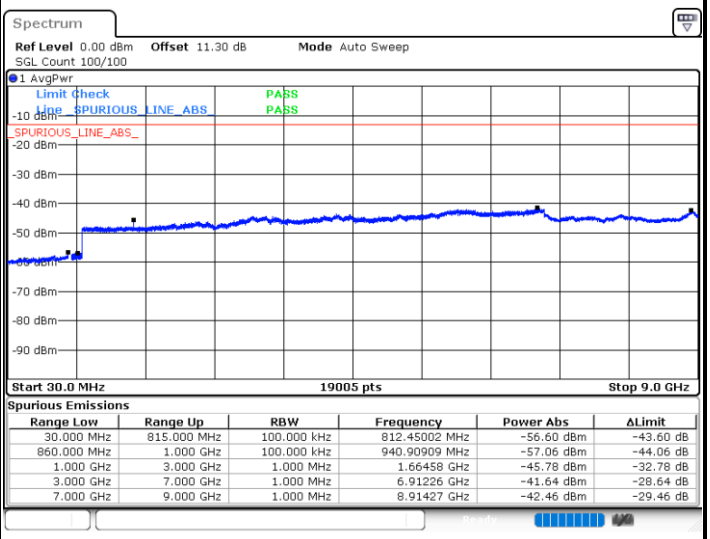


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-45.46 dBm	-32.46 dB
860.000 MHz	1.000 GHz	100.000 kHz	941.04895 MHz	-57.05 dBm	-44.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50687 GHz	-46.34 dBm	-33.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-41.92 dBm	-28.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90927 GHz	-42.66 dBm	-29.66 dB

Date: 28.SEP.2020 20:17:00

Middle Channel / 64QAM

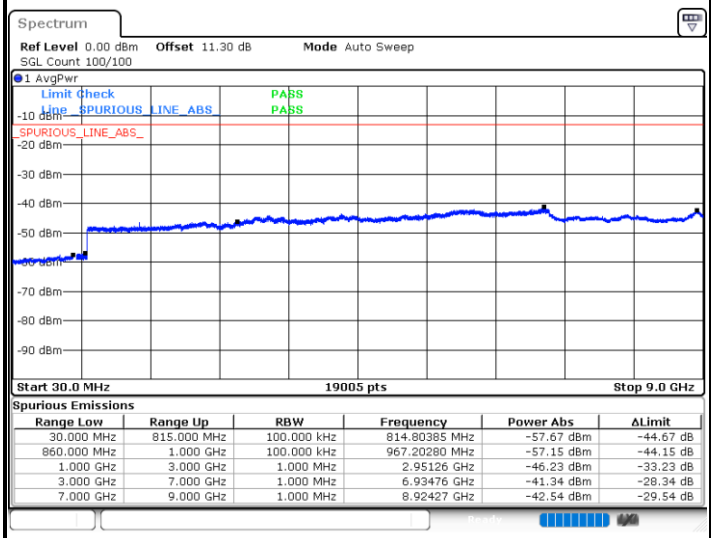


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-56.60 dBm	-43.60 dB
860.000 MHz	1.000 GHz	100.000 kHz	940.90909 MHz	-57.06 dBm	-44.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.78 dBm	-32.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91226 GHz	-41.64 dBm	-28.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91427 GHz	-42.46 dBm	-29.46 dB

Date: 28.SEP.2020 20:18:07

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-57.67 dBm	-44.67 dB
860.000 MHz	1.000 GHz	100.000 kHz	967.20280 MHz	-57.15 dBm	-44.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95126 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-41.34 dBm	-28.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92427 GHz	-42.54 dBm	-29.54 dB

Date: 28.SEP.2020 20:22:36

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	0.0148	PASS
40	Normal Voltage	0.0123	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0148	
0	Normal Voltage	0.0106	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0056	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0148	
20	Battery End Point	0.0086	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.39 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

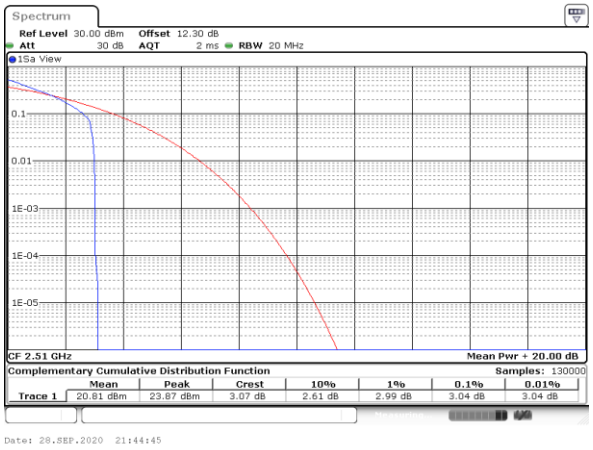
LTE Band 7

Peak-to-Average Ratio

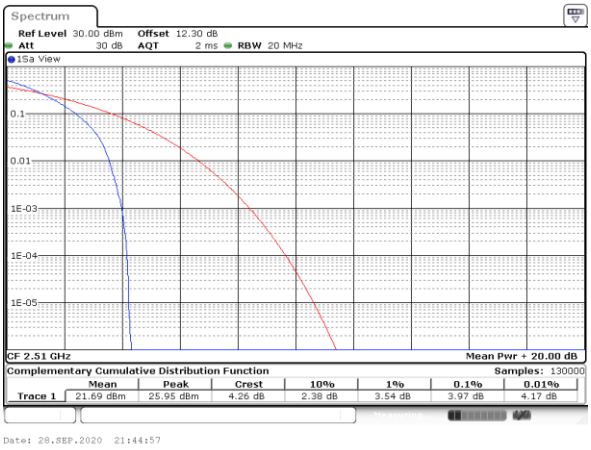
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.04	3.97	4.38	5.07	PASS
Middle CH	3.28	4.38	4.58	5.54	
Highest CH	3.07	4.14	4.17	5.45	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.30	5.74	-	-	PASS
Middle CH	6.23	6.17	-	-	
Highest CH	5.36	6.12	-	-	

LTE Band 7 / 20MHz / QPSK

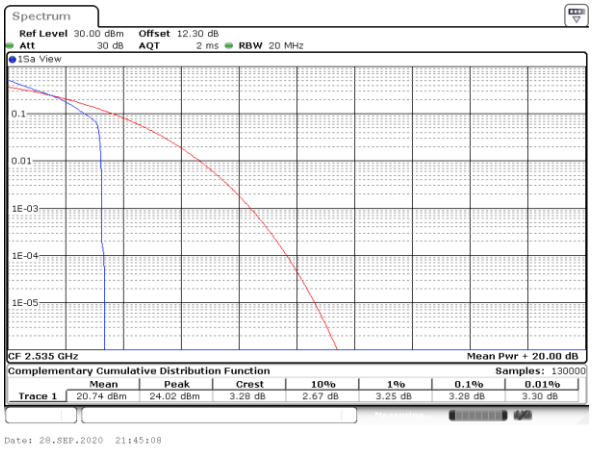
Lowest Channel / 1RB



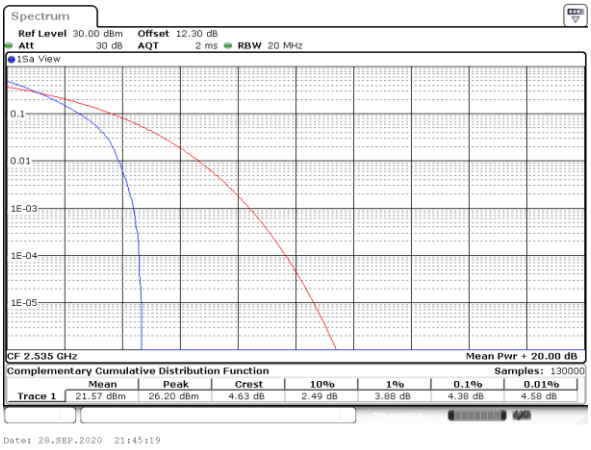
Lowest Channel / Full RB



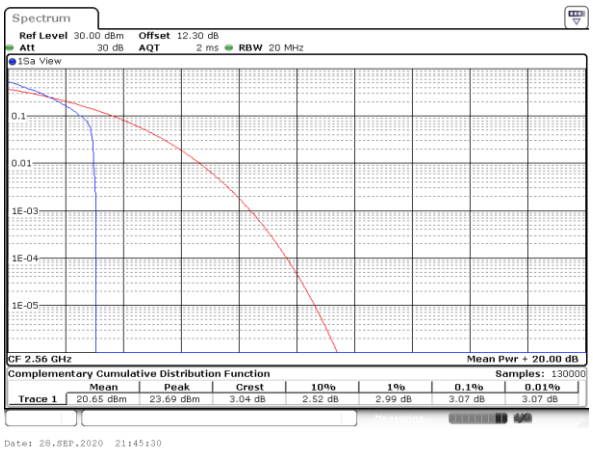
Middle Channel / 1RB



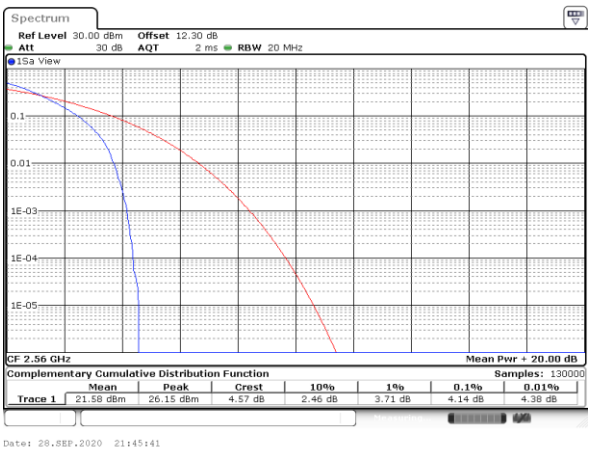
Middle Channel / Full RB



Highest Channel / 1RB

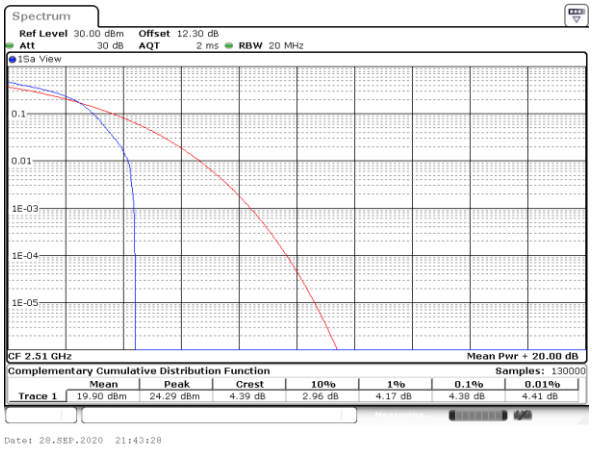


Highest Channel / Full RB

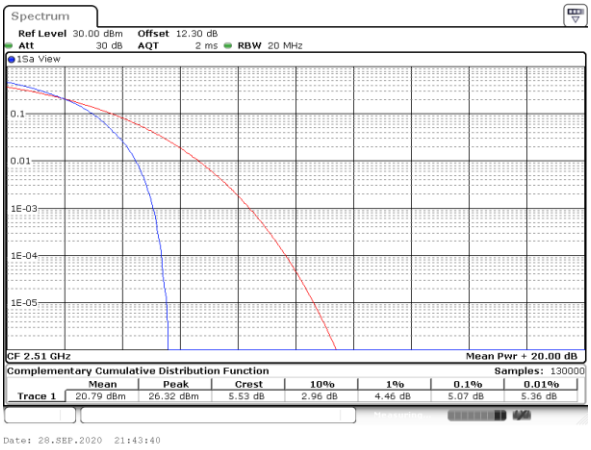


LTE Band 7 / 20MHz / 16QAM

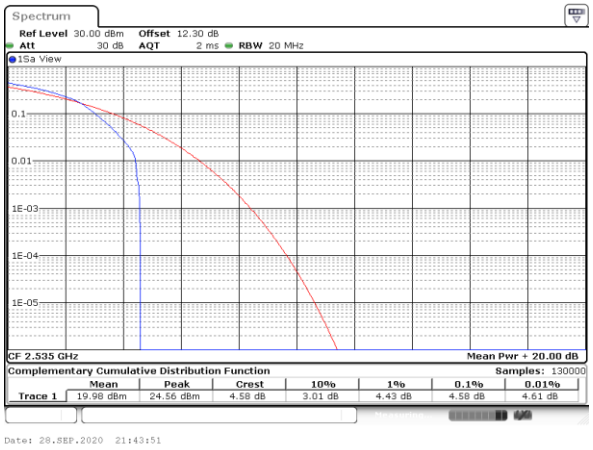
Lowest Channel / 1RB



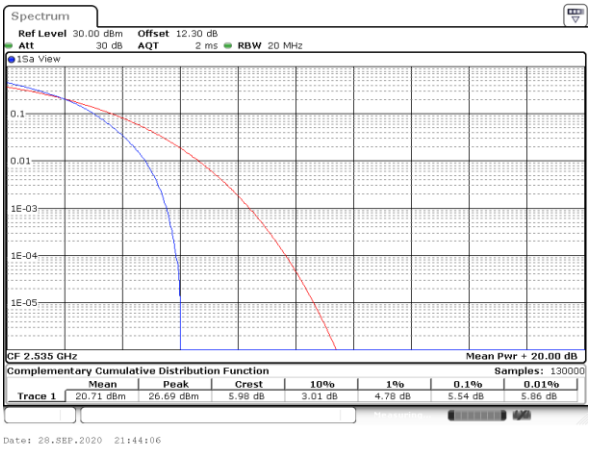
Lowest Channel / Full RB



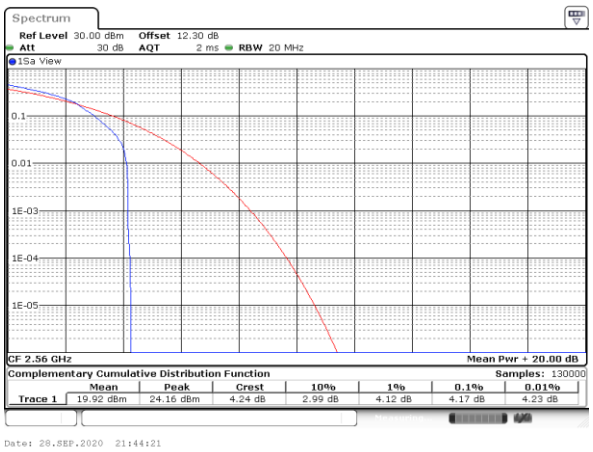
Middle Channel / 1RB



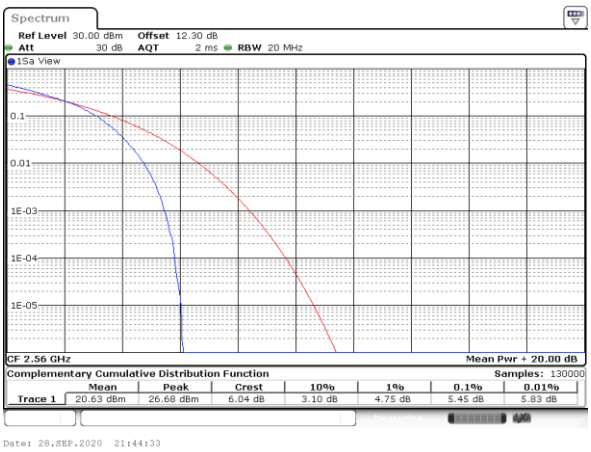
Middle Channel / Full RB



Highest Channel / 1RB

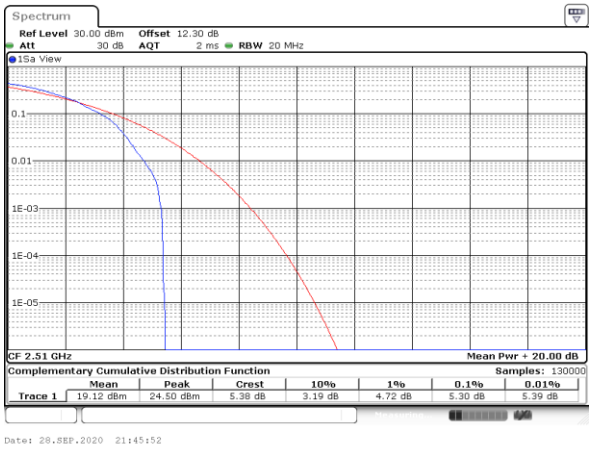


Highest Channel / Full RB

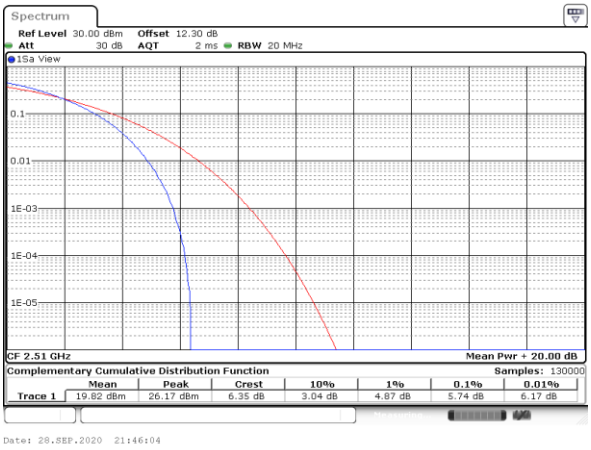


LTE Band 7 / 20MHz / 64QAM

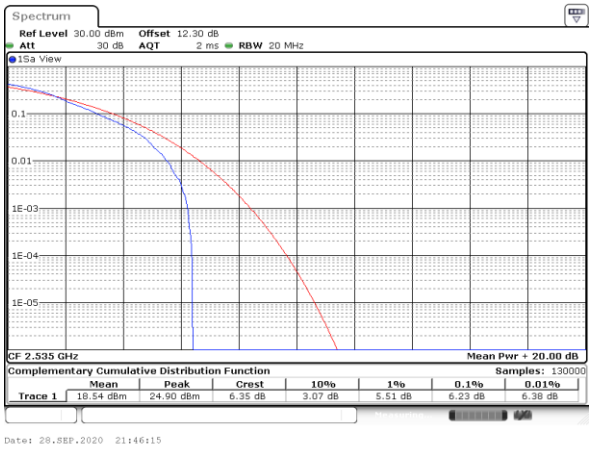
Lowest Channel / 1RB



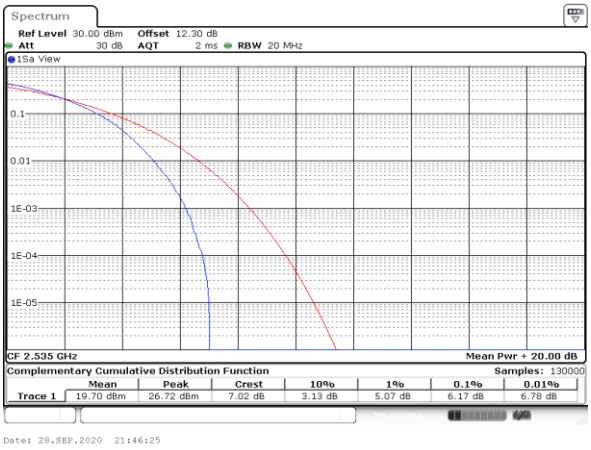
Lowest Channel / Full RB



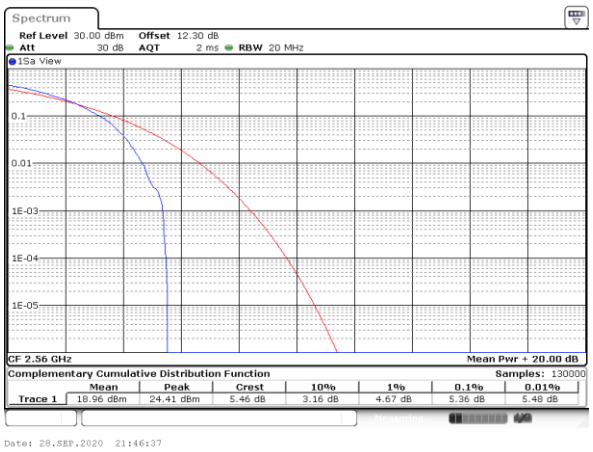
Middle Channel / 1RB



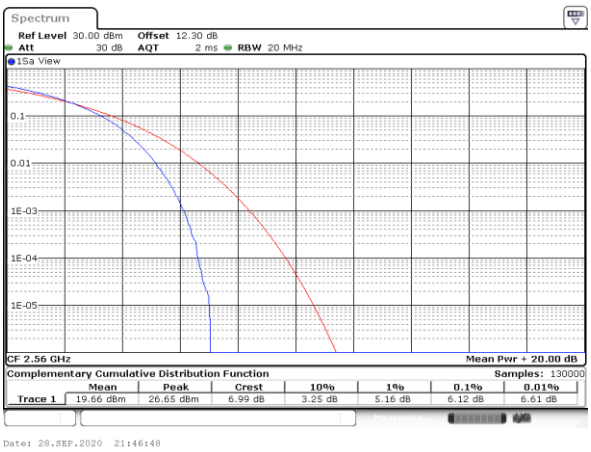
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

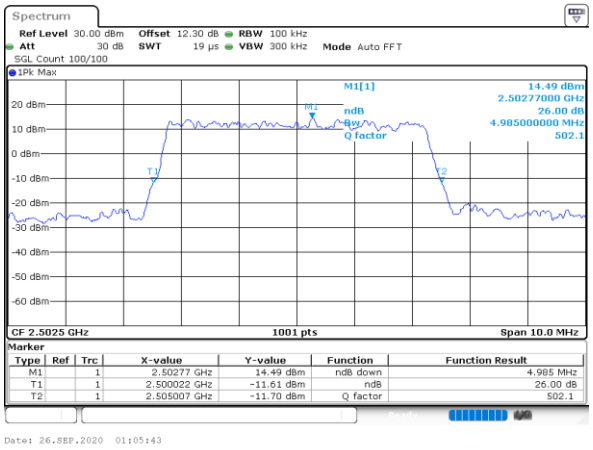


26dB Bandwidth

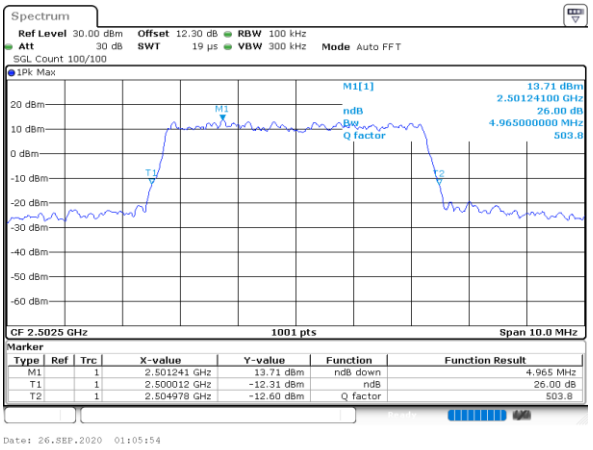
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	4.97	9.69	9.87	14.57	14.30	19.06	19.10
Middle CH	-	-	-	-	4.91	4.89	9.81	9.77	14.33	14.27	19.10	18.90
Highest CH	-	-	-	-	5.01	4.83	9.69	9.89	14.30	14.24	18.98	18.78
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.92	-	10.01	-	14.39	-	19.18	-
Middle CH	-	-	-	-	4.88	-	9.91	-	14.45	-	18.74	-
Highest CH	-	-	-	-	4.89	-	9.89	-	14.48	-	19.10	-

LTE Band 7

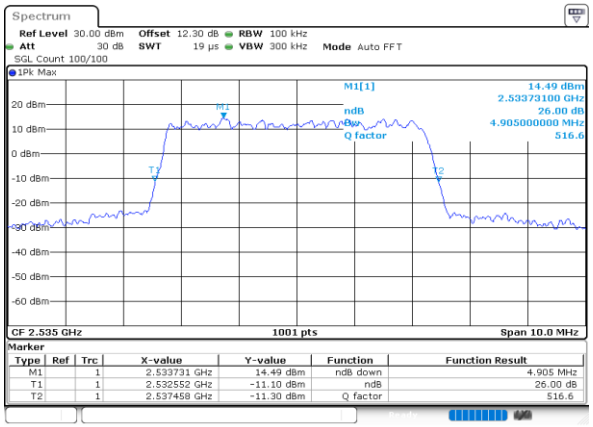
Lowest Channel / 5MHz / QPSK



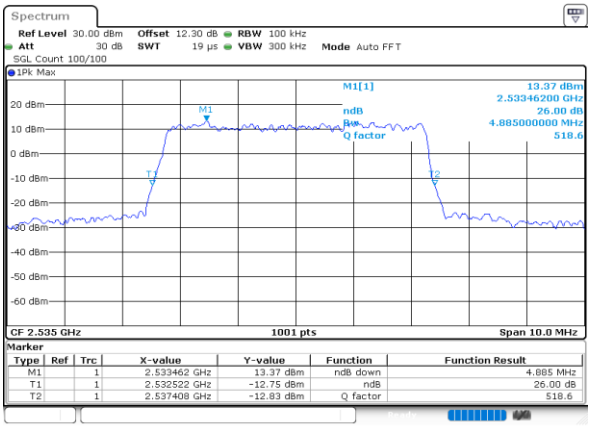
Lowest Channel / 5MHz / 16QAM



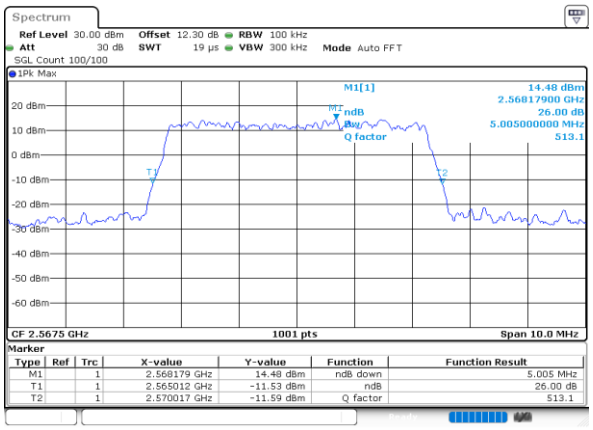
Middle Channel / 5MHz / QPSK



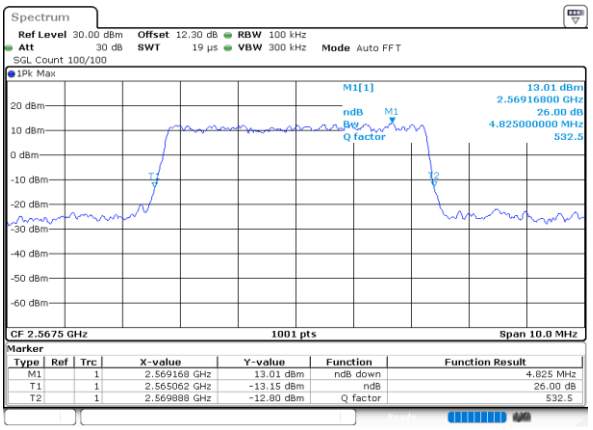
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

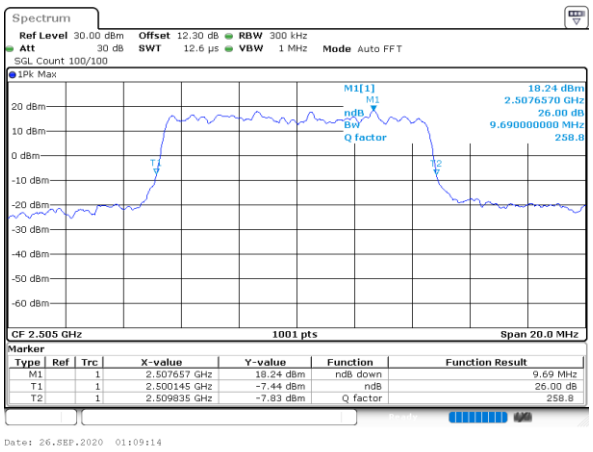


Highest Channel / 5MHz / 16QAM

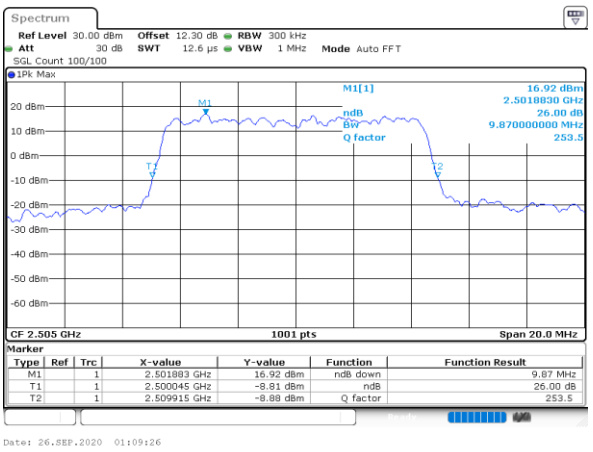


LTE Band 7

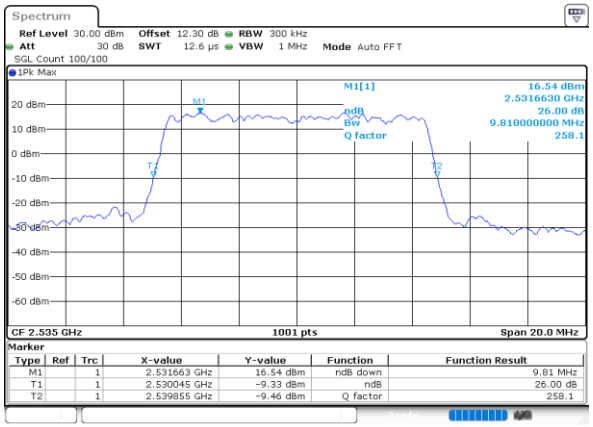
Lowest Channel / 10MHz / QPSK



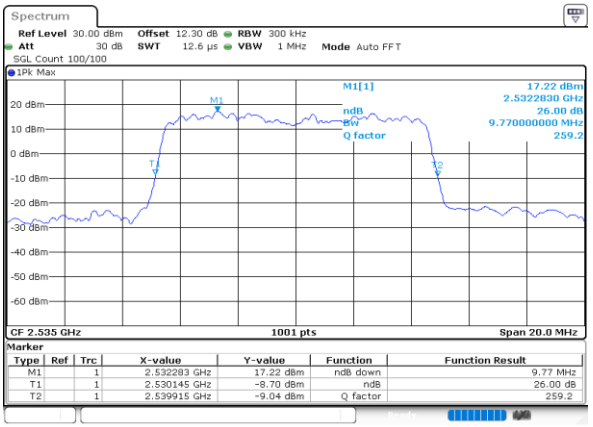
Lowest Channel / 10MHz / 16QAM



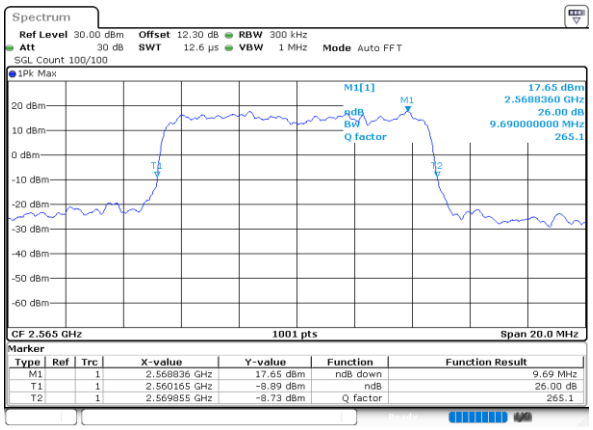
Middle Channel / 10MHz / QPSK



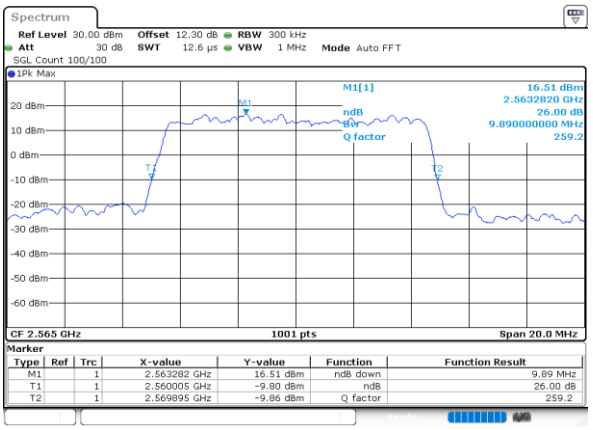
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

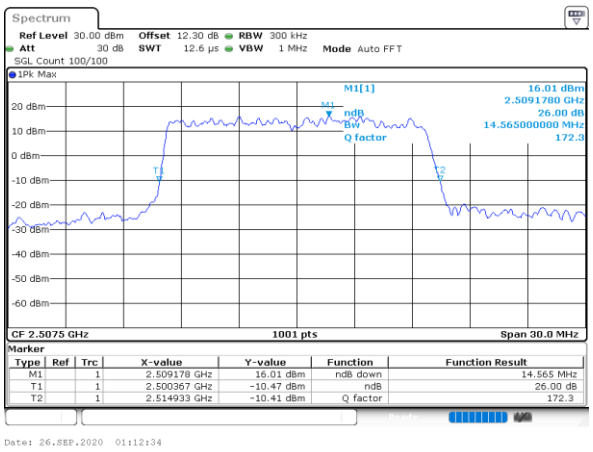


Highest Channel / 10MHz / 16QAM

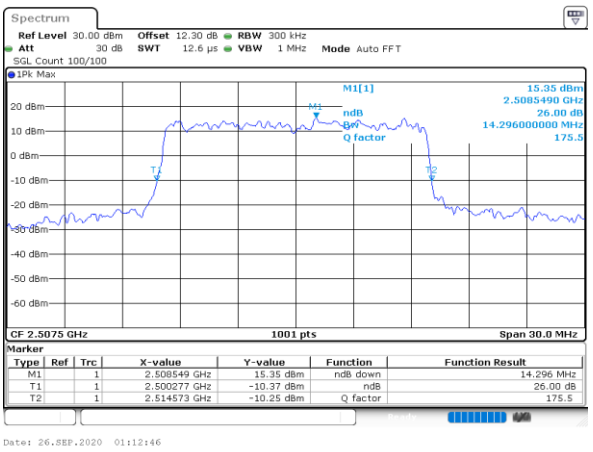


LTE Band 7

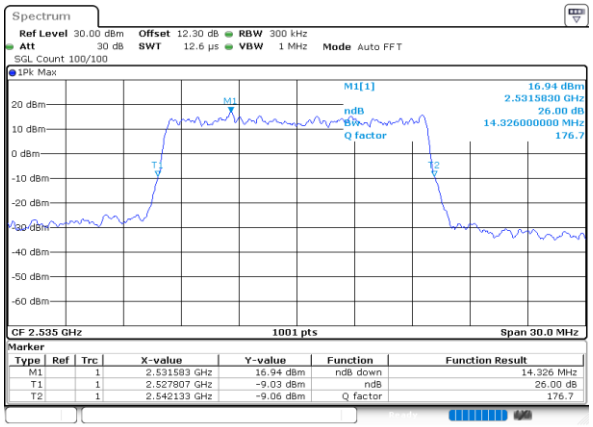
Lowest Channel / 15MHz / QPSK



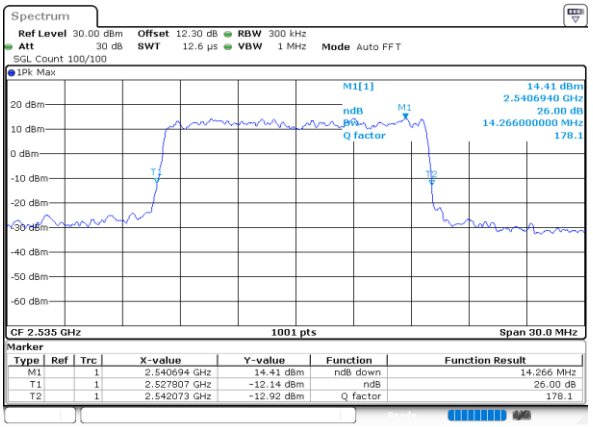
Lowest Channel / 15MHz / 16QAM



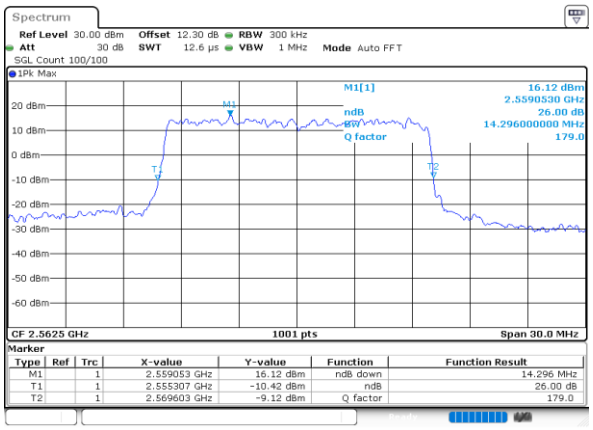
Middle Channel / 15MHz / QPSK



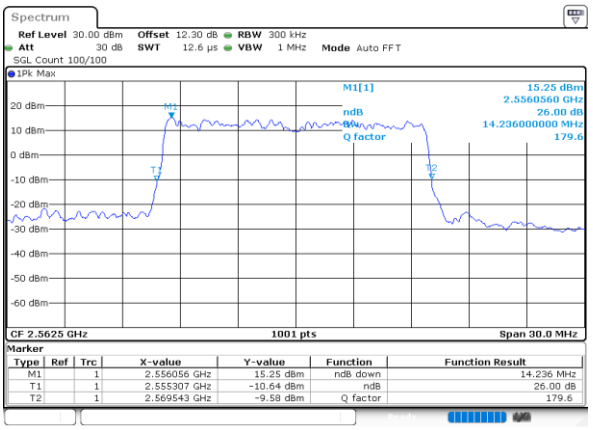
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

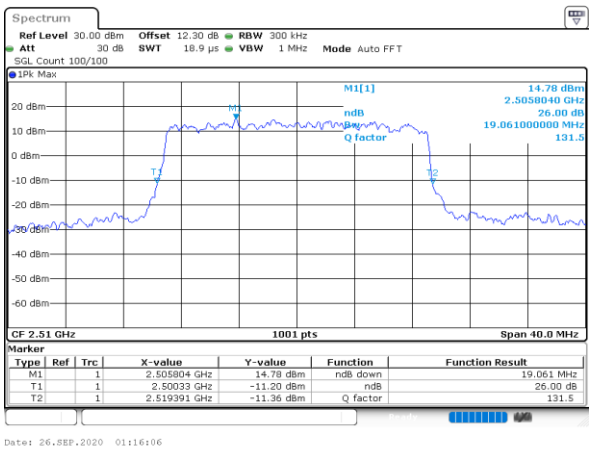


Highest Channel / 15MHz / 16QAM

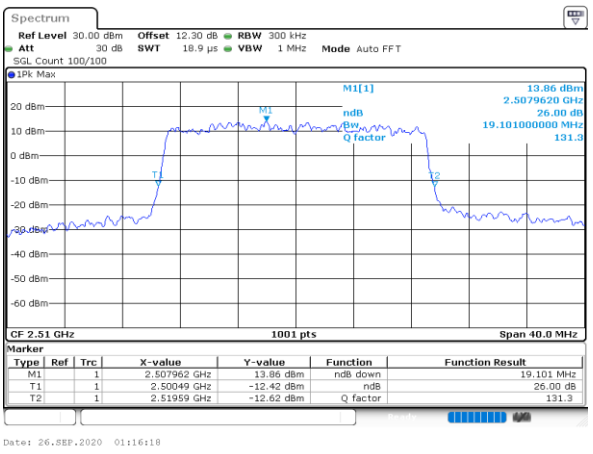


LTE Band 7

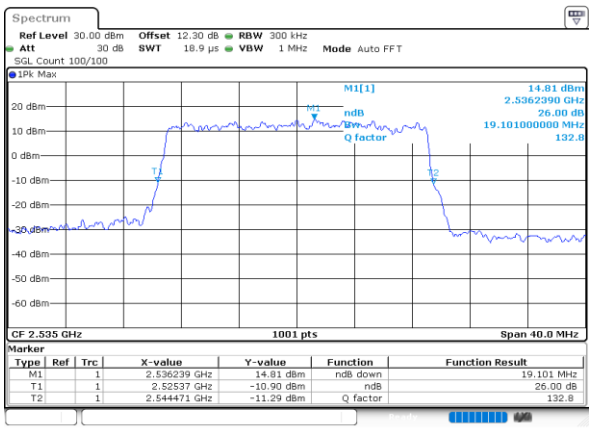
Lowest Channel / 20MHz / QPSK



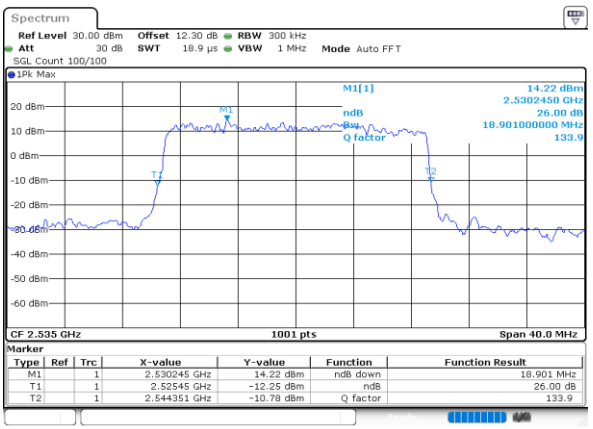
Lowest Channel / 20MHz / 16QAM



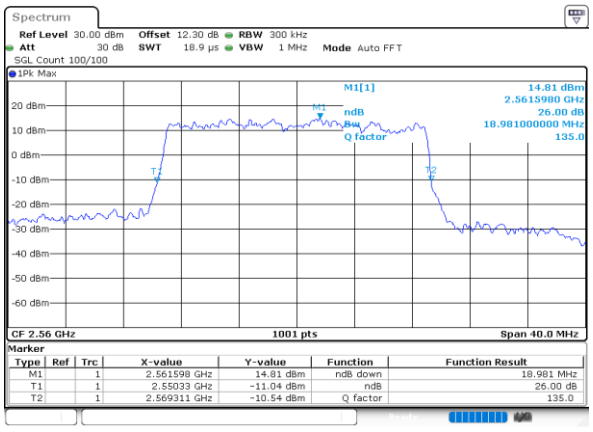
Middle Channel / 20MHz / QPSK



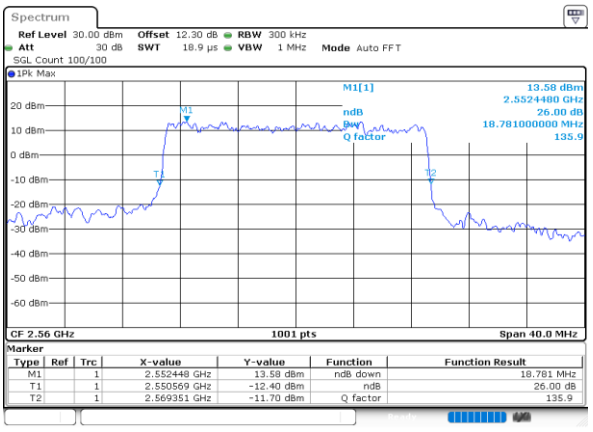
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

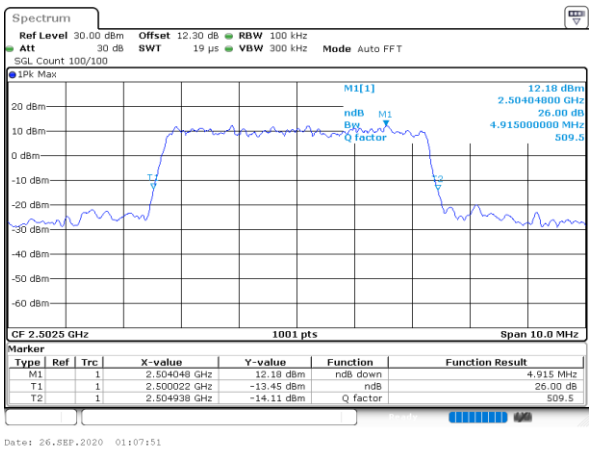


Highest Channel / 20MHz / 16QAM

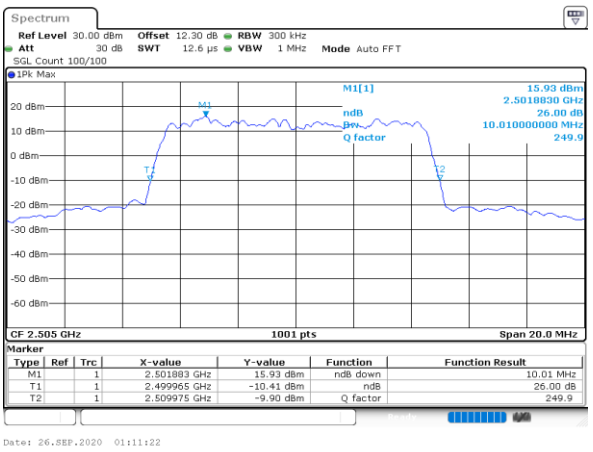


LTE Band 7

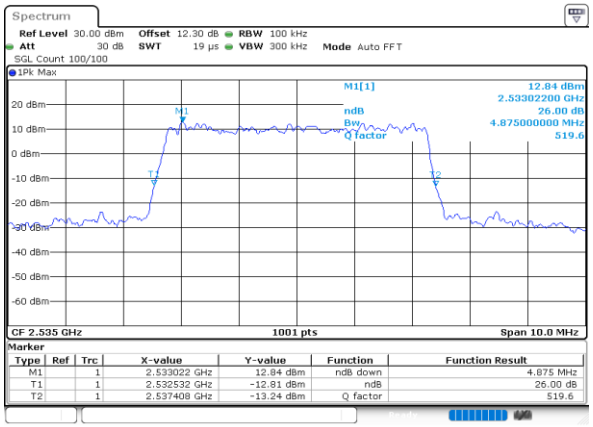
Lowest Channel / 5MHz / 64QAM



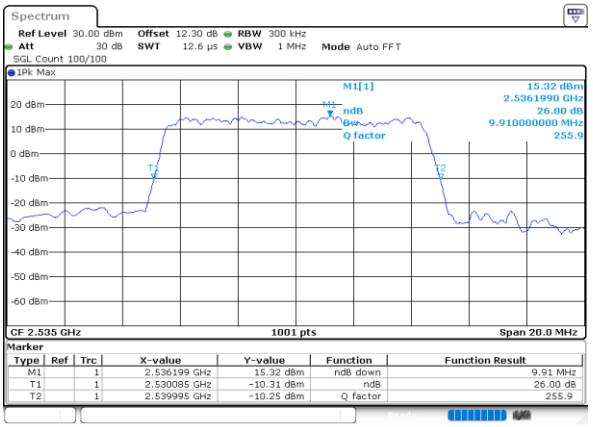
Lowest Channel / 10MHz / 64QAM



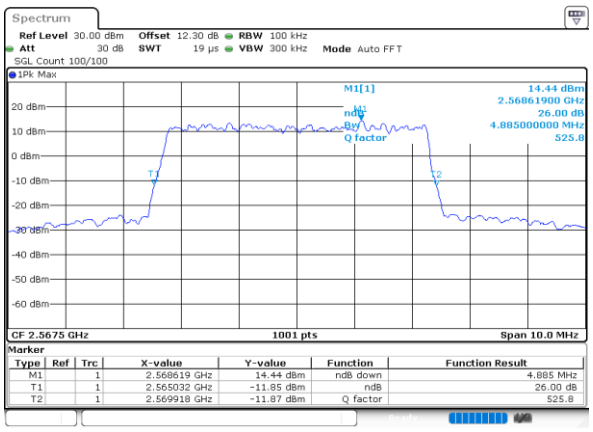
Middle Channel / 5MHz / 64QAM



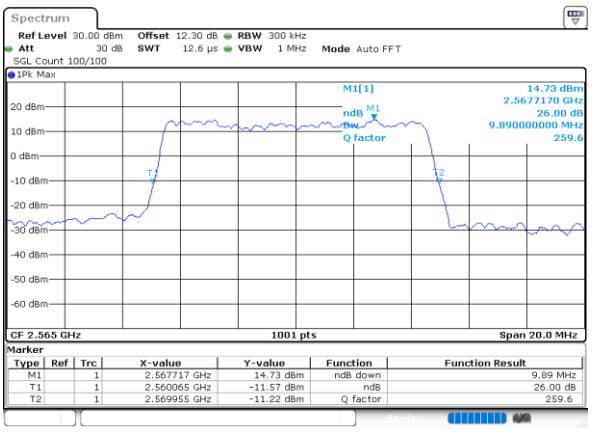
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

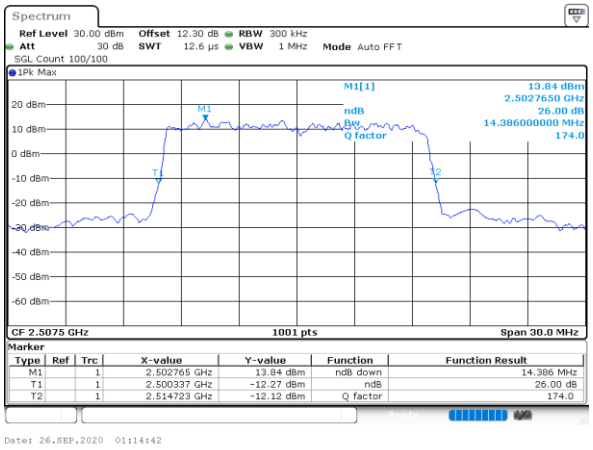


Highest Channel / 10MHz / 64QAM

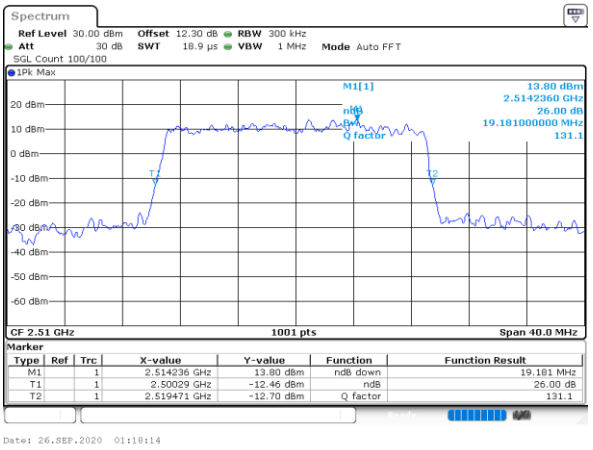


LTE Band 7

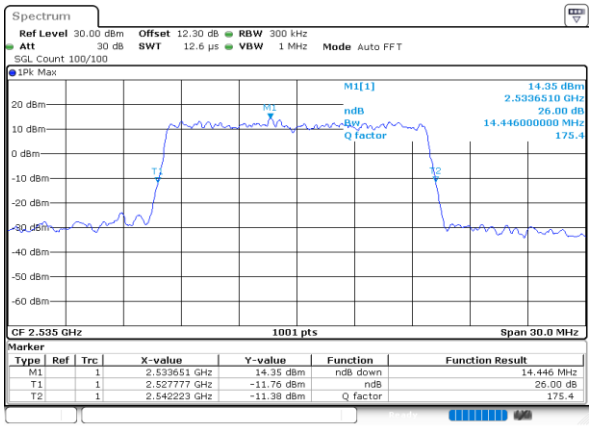
Lowest Channel / 15MHz / 64QAM



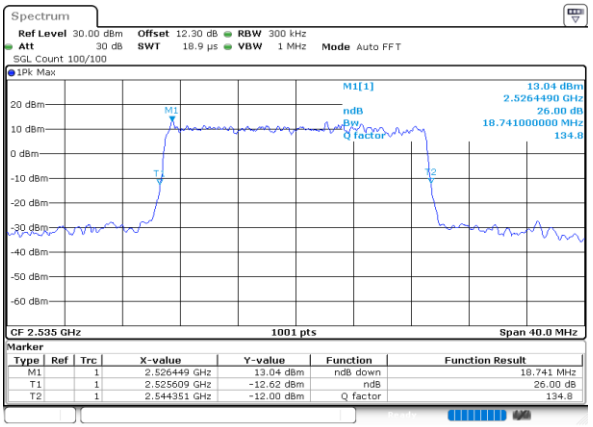
Lowest Channel / 20MHz / 64QAM



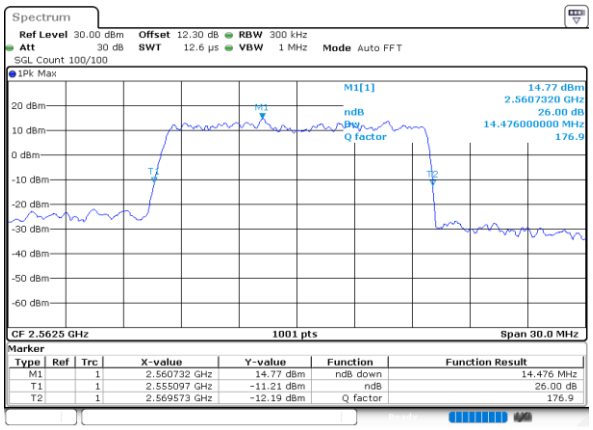
Middle Channel / 15MHz / 64QAM



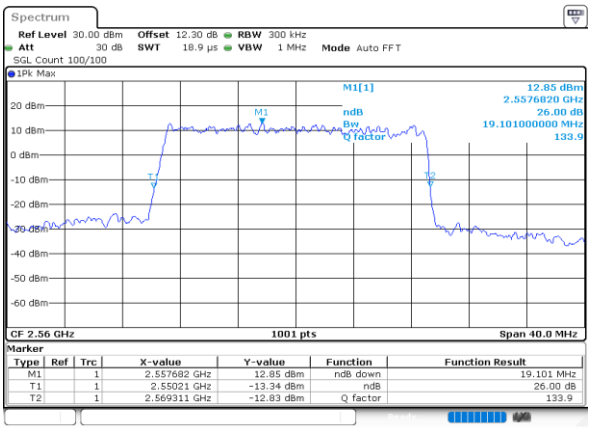
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

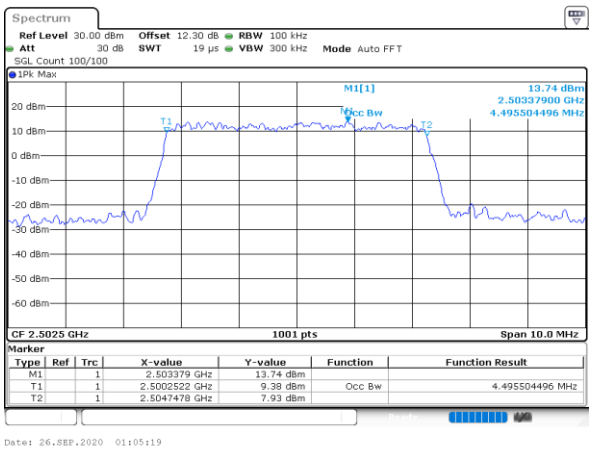


Occupied Bandwidth

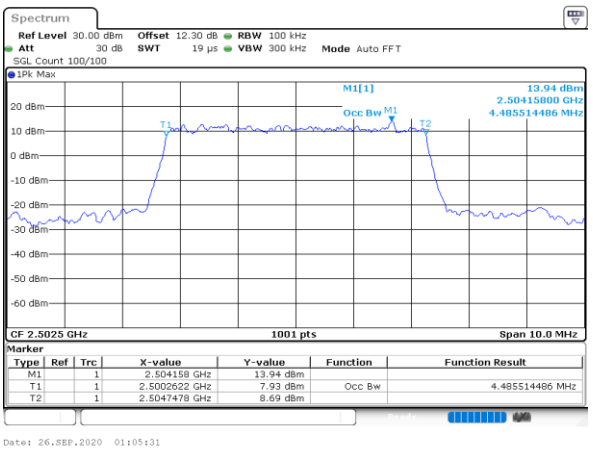
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.49	9.03	9.01	13.46	13.43	17.82	17.90
Middle CH	-	-	-	-	4.50	4.50	9.03	9.03	13.52	13.46	17.86	17.86
Highest CH	-	-	-	-	4.47	4.51	9.09	9.05	13.40	13.46	17.90	17.90
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.50	-	8.99	-	13.43	-	17.90	-
Middle CH	-	-	-	-	4.53	-	9.03	-	13.43	-	17.82	-
Highest CH	-	-	-	-	4.50	-	9.07	-	13.46	-	17.82	-

LTE Band 7

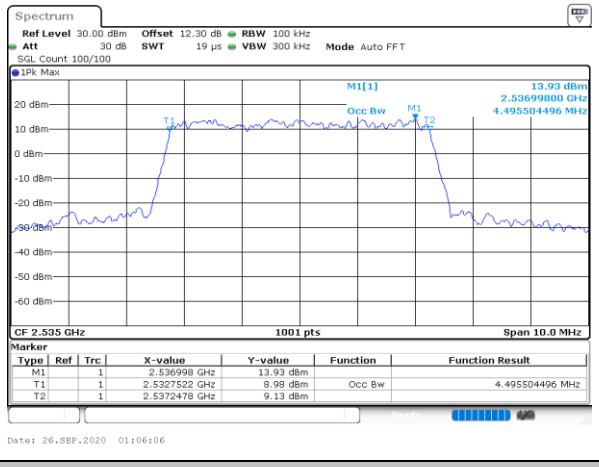
Lowest Channel / 5MHz / QPSK



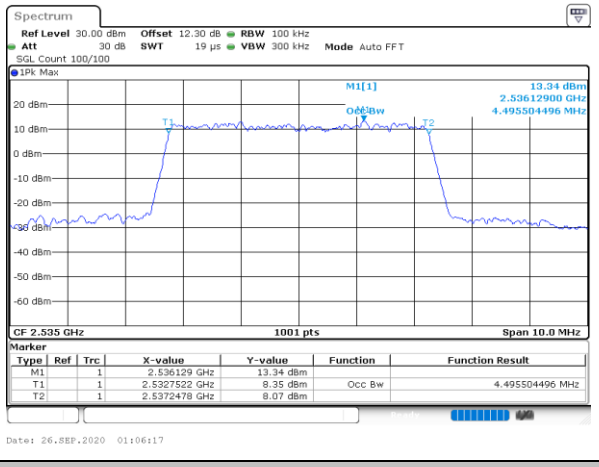
Lowest Channel / 5MHz / 16QAM



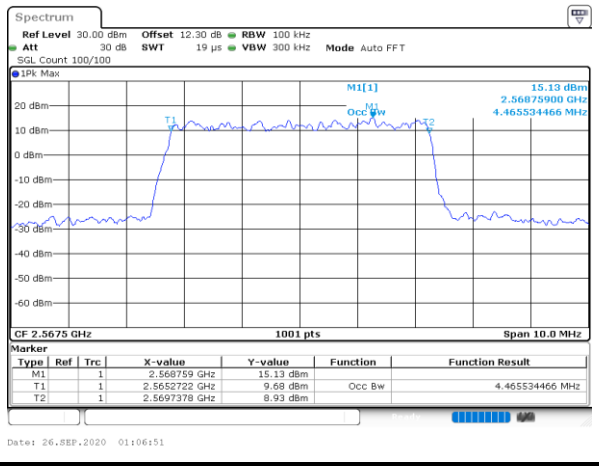
Middle Channel / 5MHz / QPSK



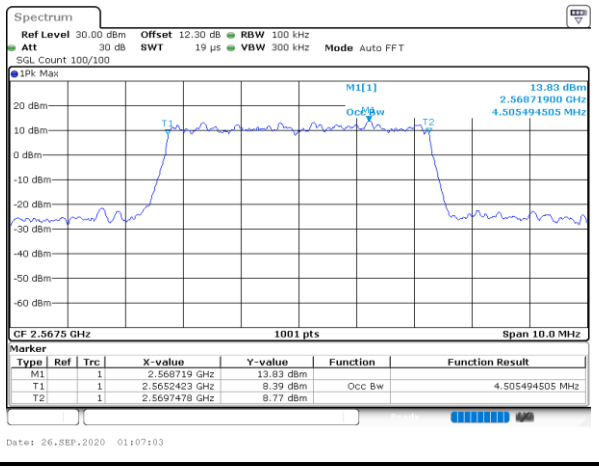
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

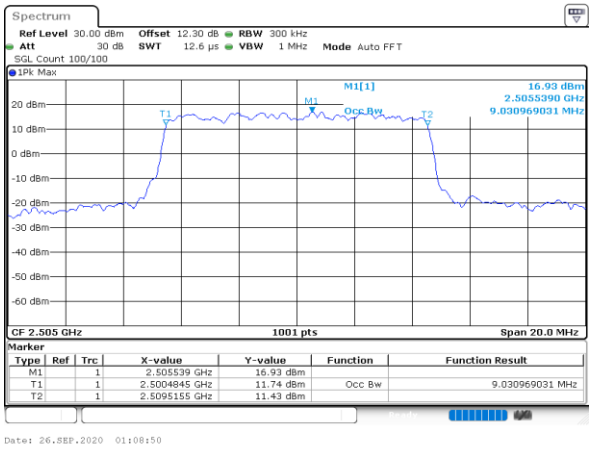


Highest Channel / 5MHz / 16QAM

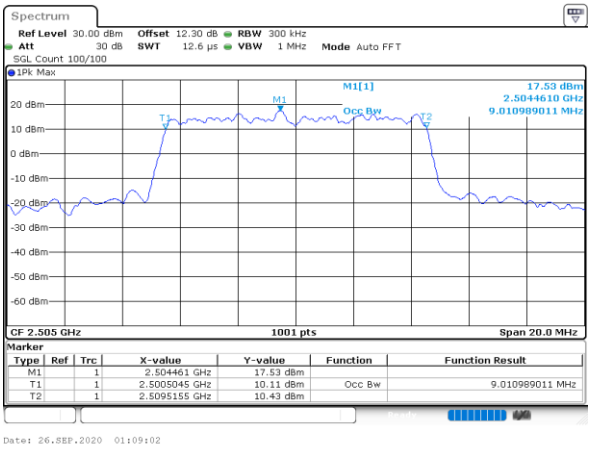


LTE Band 7

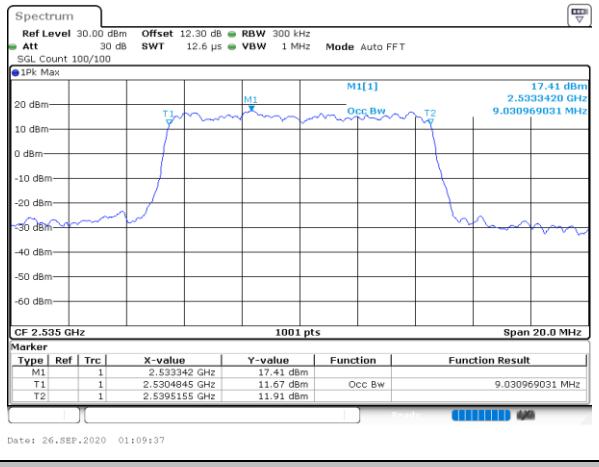
Lowest Channel / 10MHz / QPSK



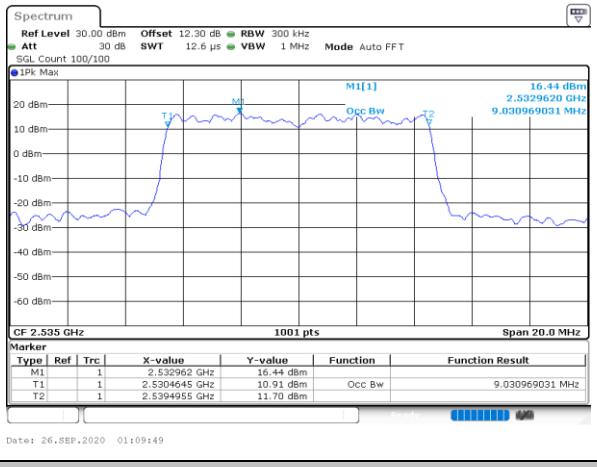
Lowest Channel / 10MHz / 16QAM



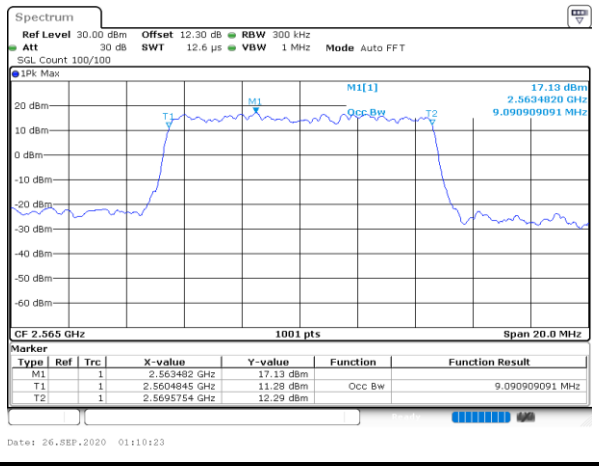
Middle Channel / 10MHz / QPSK



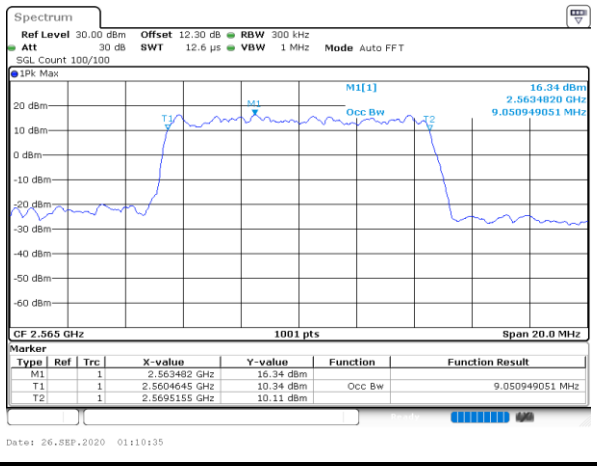
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

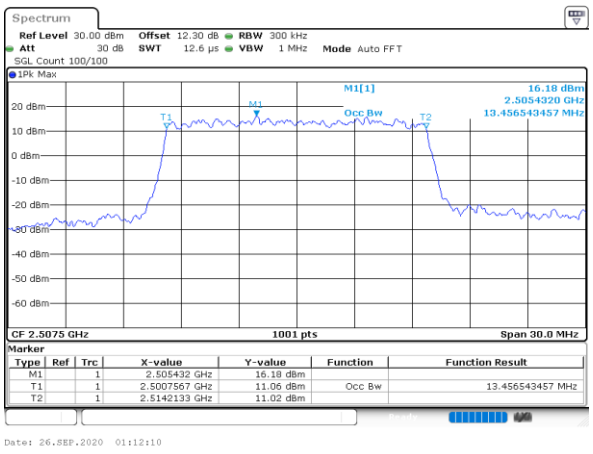


Highest Channel / 10MHz / 16QAM

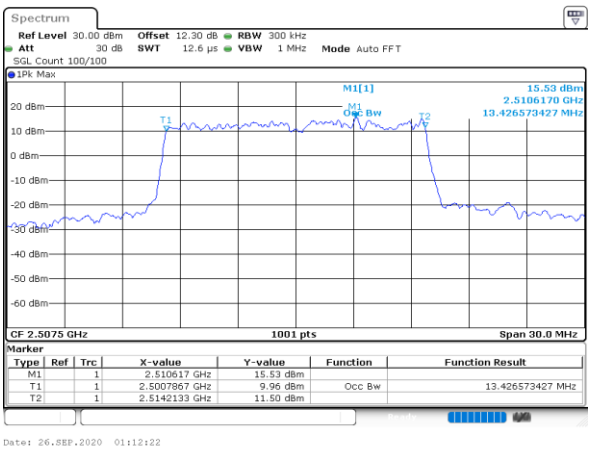


LTE Band 7

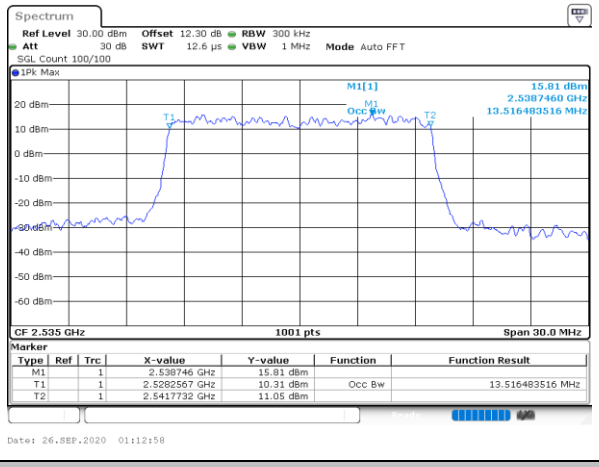
Lowest Channel / 15MHz / QPSK



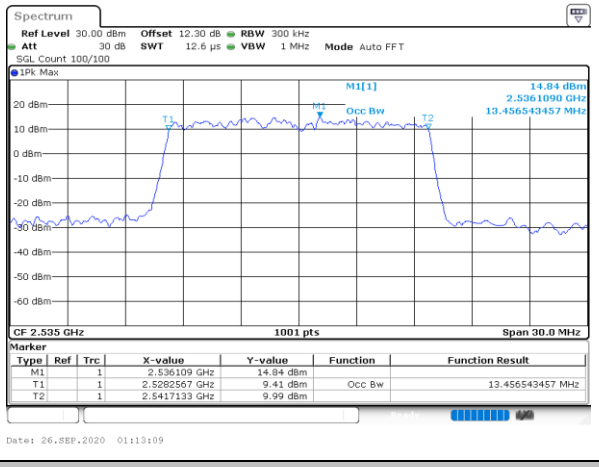
Lowest Channel / 15MHz / 16QAM



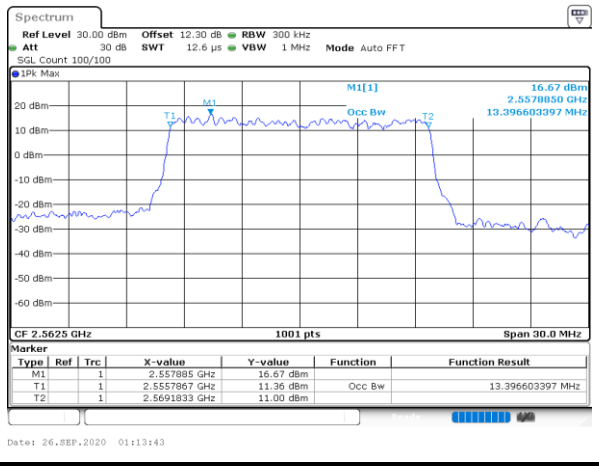
Middle Channel / 15MHz / QPSK



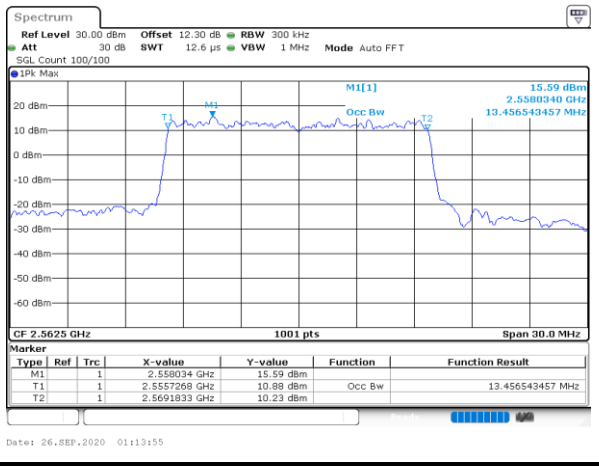
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

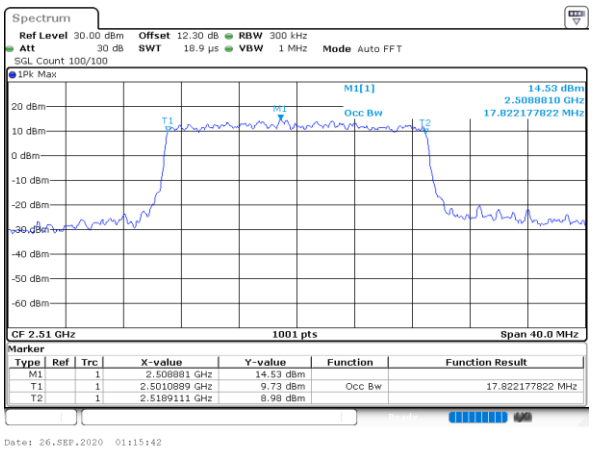


Highest Channel / 15MHz / 16QAM

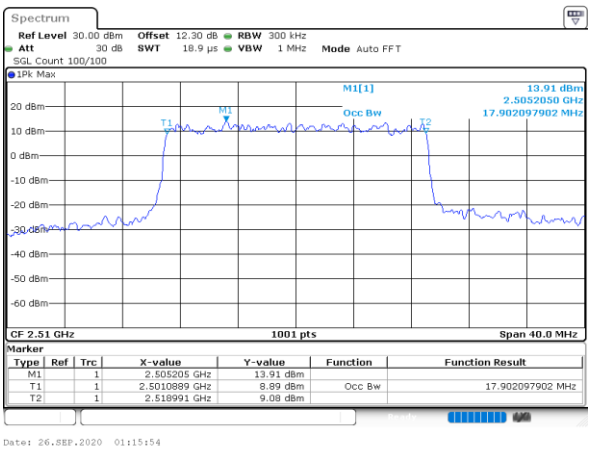


LTE Band 7

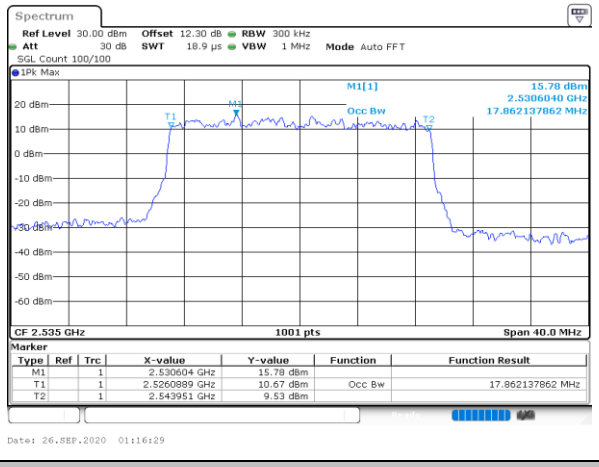
Lowest Channel / 20MHz / QPSK



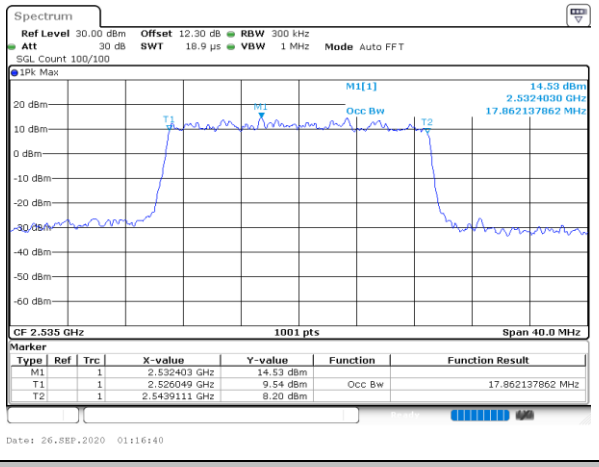
Lowest Channel / 20MHz / 16QAM



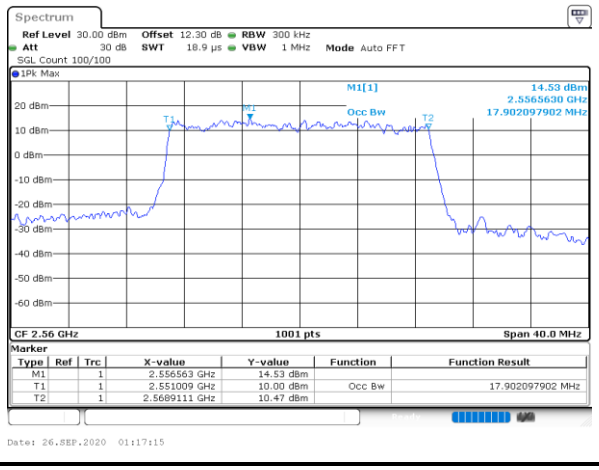
Middle Channel / 20MHz / QPSK



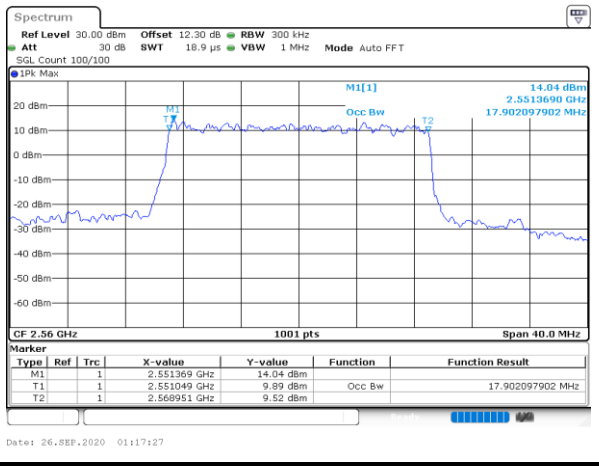
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

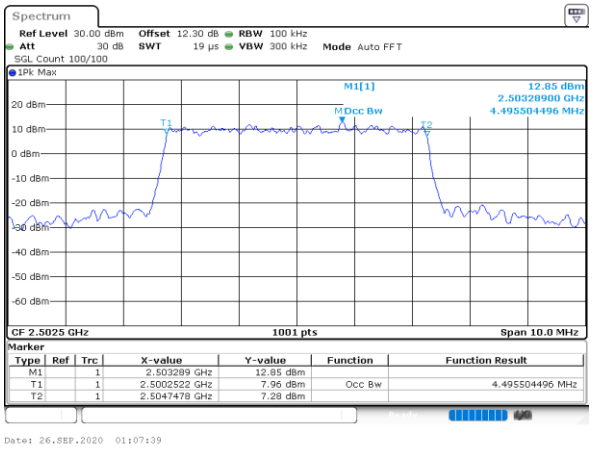


Highest Channel / 20MHz / 16QAM

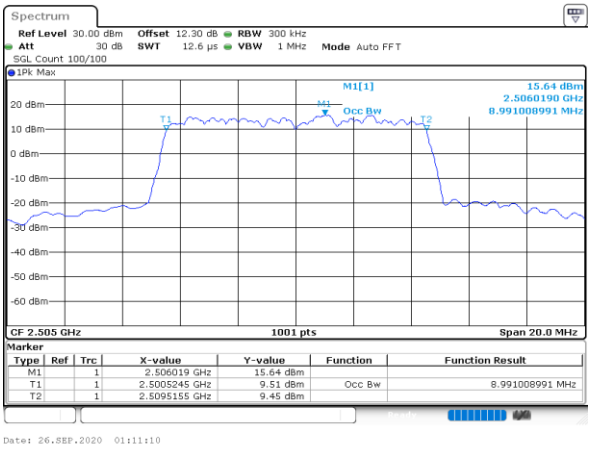


LTE Band 7

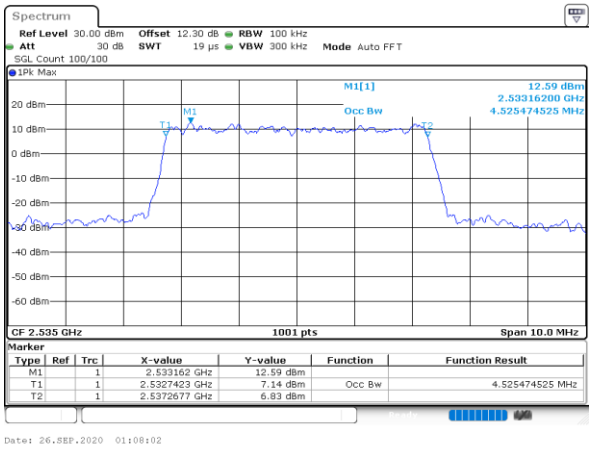
Lowest Channel / 5MHz / 64QAM



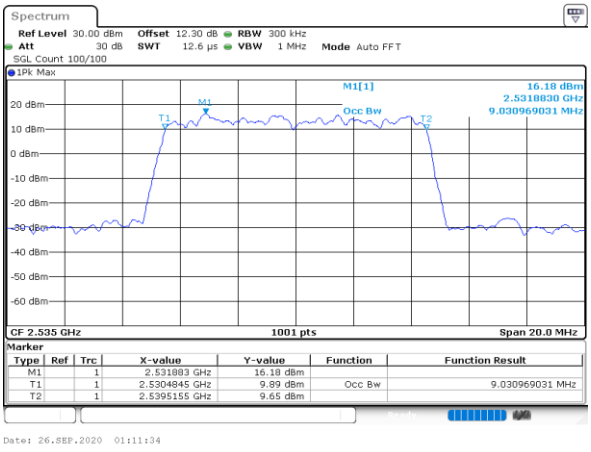
Lowest Channel / 10MHz / 64QAM



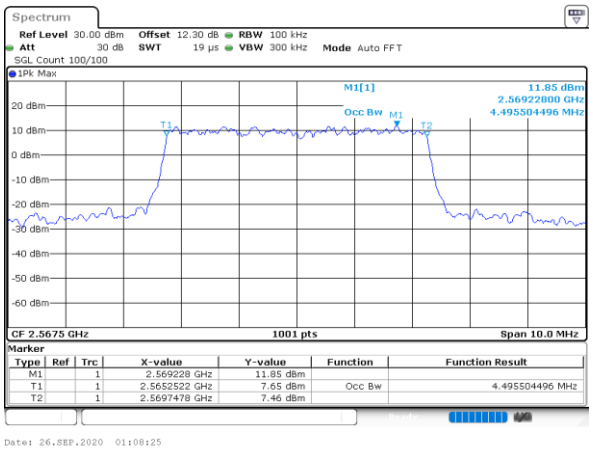
Middle Channel / 5MHz / 64QAM



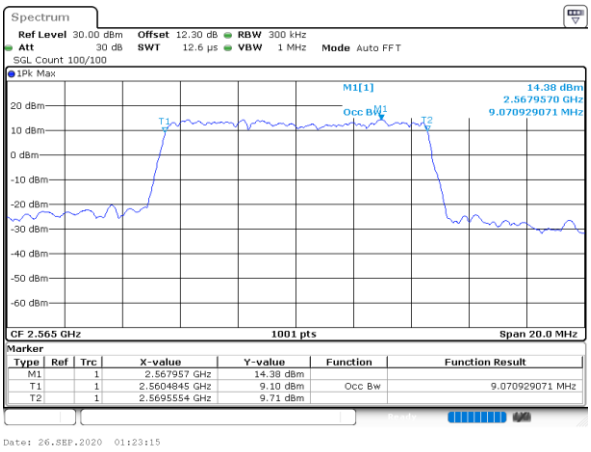
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

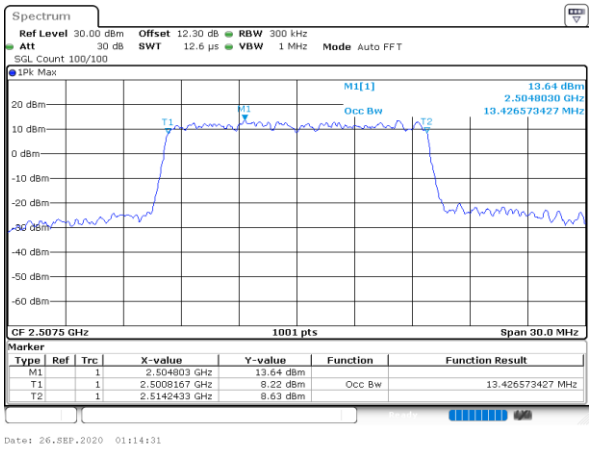


Highest Channel / 10MHz / 64QAM

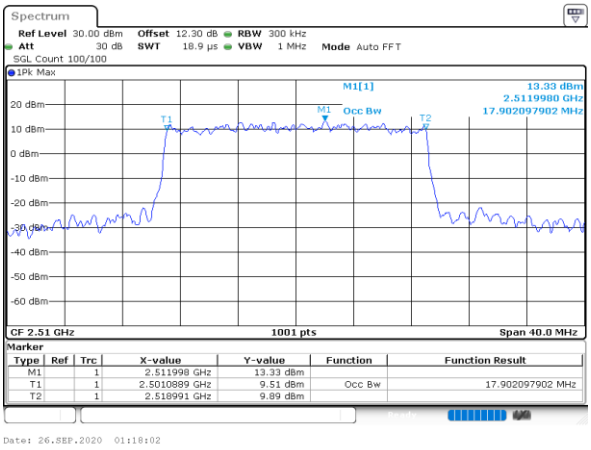


LTE Band 7

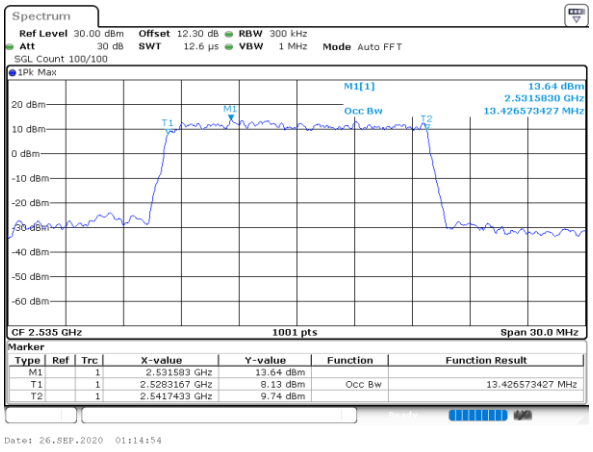
Lowest Channel / 15MHz / 64QAM



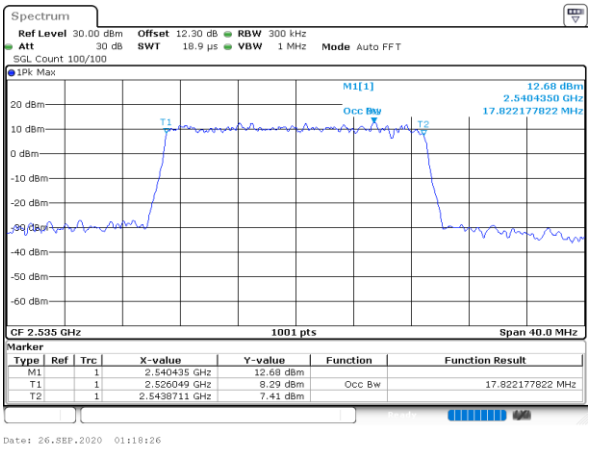
Lowest Channel / 20MHz / 64QAM



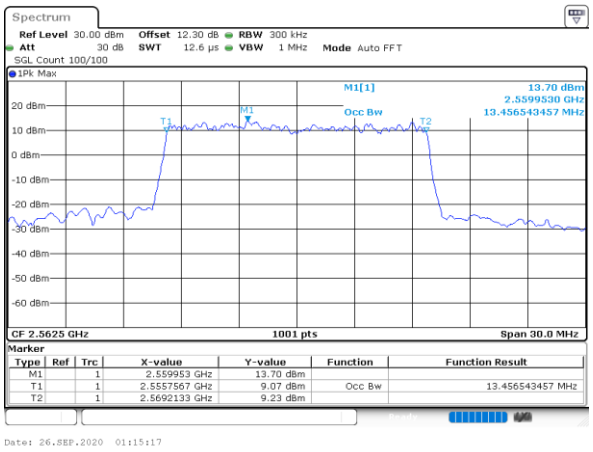
Middle Channel / 15MHz / 64QAM



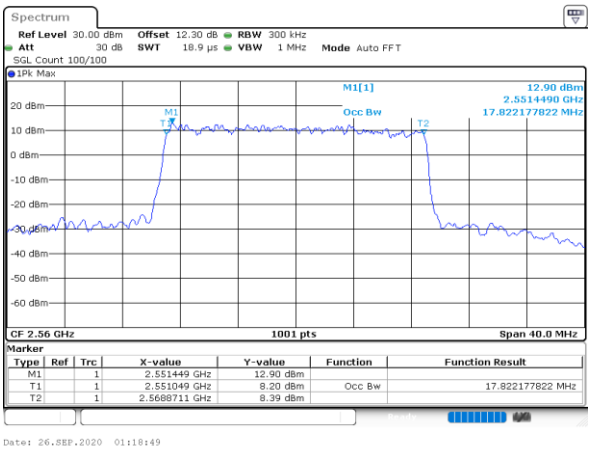
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



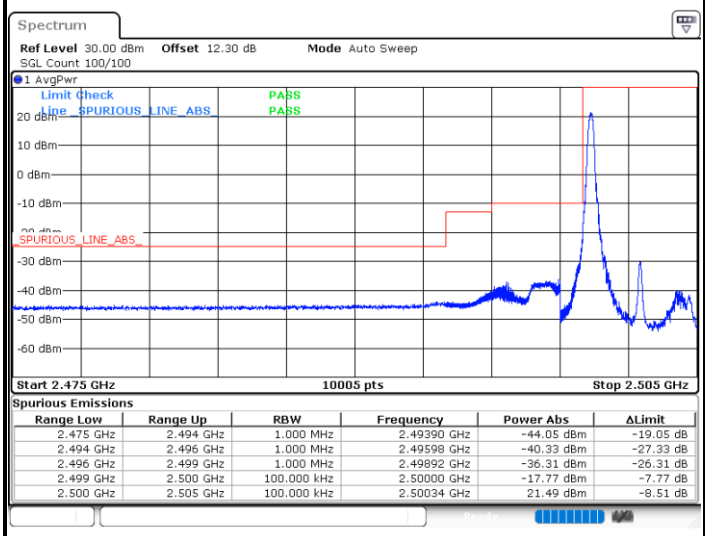
Highest Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

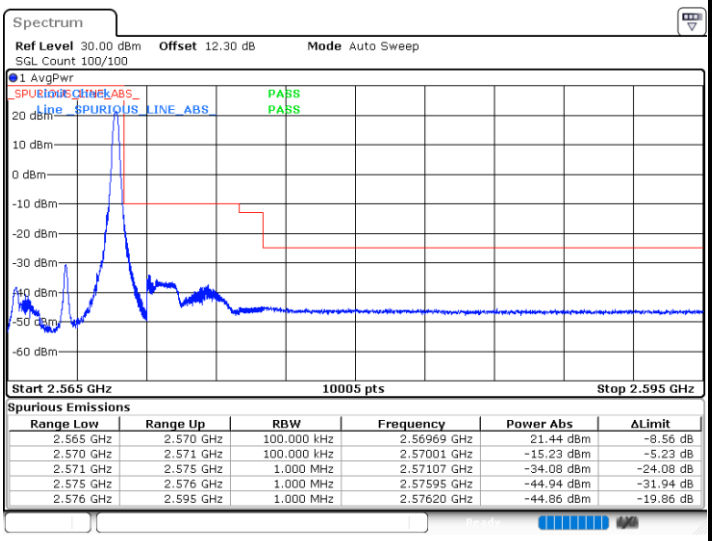


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49390 GHz	-44.05 dBm	-19.05 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-40.33 dBm	-27.33 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-36.31 dBm	-26.31 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-17.77 dBm	-7.77 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	21.49 dBm	-8.51 dB

Date: 28.SEP.2020 20:40:18

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	2.56969 GHz	21.44 dBm	-8.56 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-15.23 dBm	-5.23 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-34.08 dBm	-24.08 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57595 GHz	-44.94 dBm	-31.94 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57620 GHz	-44.86 dBm	-19.86 dB

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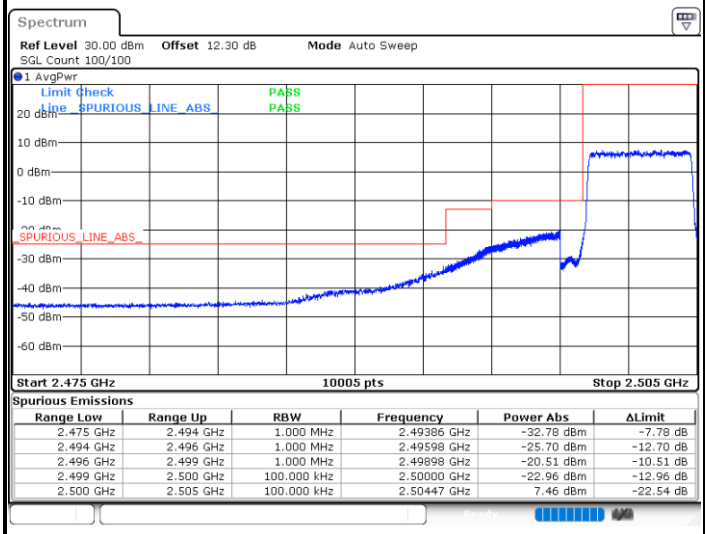
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49386 GHz	-32.78 dBm	-7.78 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-25.70 dBm	-12.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-20.51 dBm	-10.51 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-22.96 dBm	-12.96 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50447 GHz	7.46 dBm	-22.54 dB

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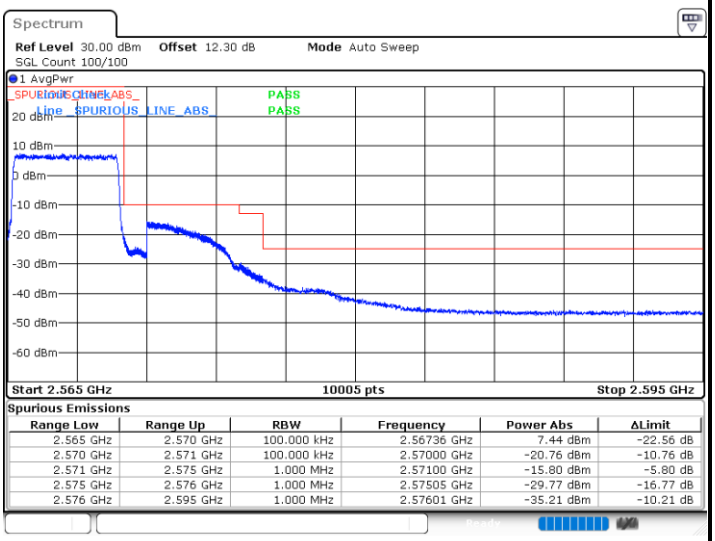
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56736 GHz	7.44 dBm	-22.56 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-20.76 dBm	-10.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-15.80 dBm	-5.80 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57505 GHz	-29.77 dBm	-16.77 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-35.21 dBm	-10.21 dB

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