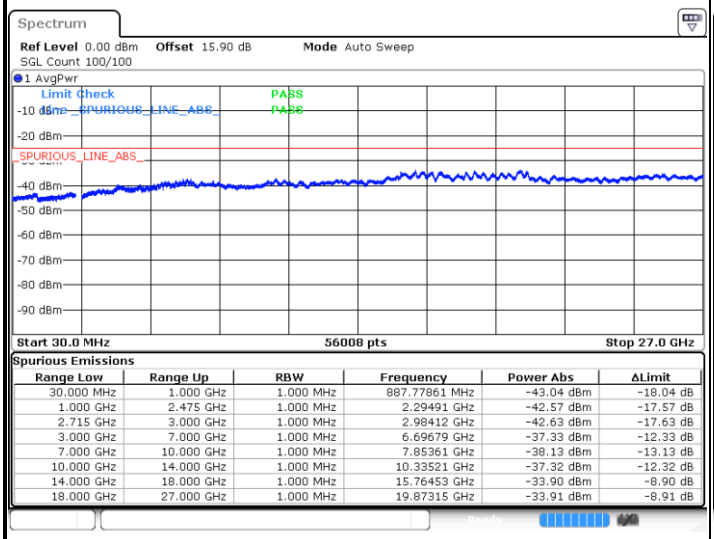
LTE Band 41 / 10MHz

Middle Channel / QPSK

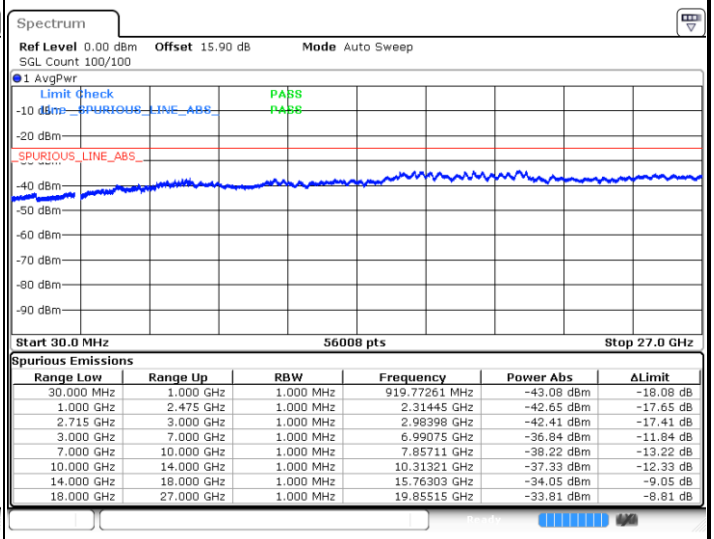


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-43.04 dBm	-18.04 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.29491 GHz	-42.57 dBm	-17.57 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98412 GHz	-42.63 dBm	-17.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.69679 GHz	-37.33 dBm	-12.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85361 GHz	-38.13 dBm	-13.13 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.33521 GHz	-37.32 dBm	-12.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76453 GHz	-33.90 dBm	-8.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87315 GHz	-33.91 dBm	-8.91 dB

Date: 7.JAN.2018 14:57:59

Middle Channel / 16QAM

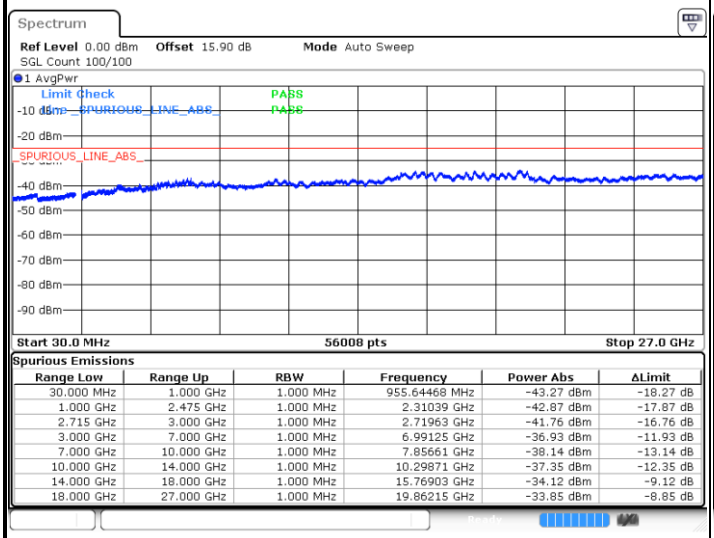


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-43.08 dBm	-18.08 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.31445 GHz	-42.65 dBm	-17.65 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98398 GHz	-42.41 dBm	-17.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-36.84 dBm	-11.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85711 GHz	-38.22 dBm	-13.22 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.31321 GHz	-37.33 dBm	-12.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76303 GHz	-34.05 dBm	-9.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85515 GHz	-33.81 dBm	-8.81 dB

Date: 7.JAN.2018 14:58:52

Highest Channel / QPSK

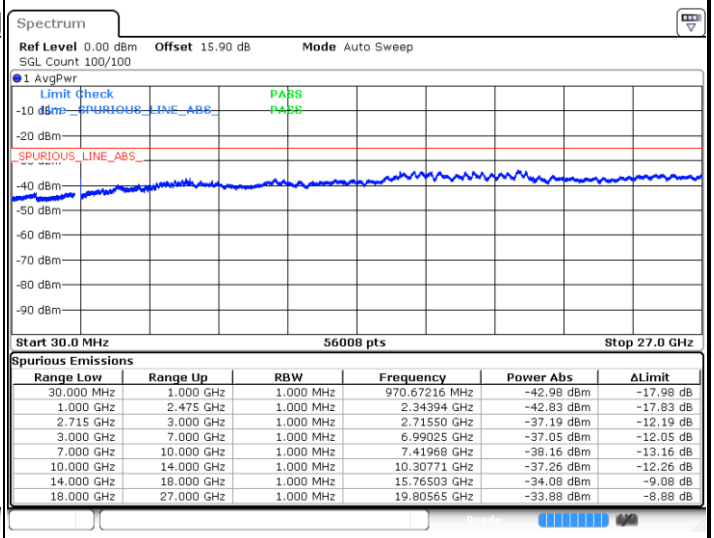


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-43.27 dBm	-18.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.31039 GHz	-42.87 dBm	-17.87 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71963 GHz	-41.76 dBm	-16.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-36.93 dBm	-11.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85661 GHz	-38.14 dBm	-13.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.29871 GHz	-37.35 dBm	-12.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76903 GHz	-34.12 dBm	-9.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86215 GHz	-33.85 dBm	-8.85 dB

Date: 7.JAN.2018 14:59:46

Highest Channel / 16QAM



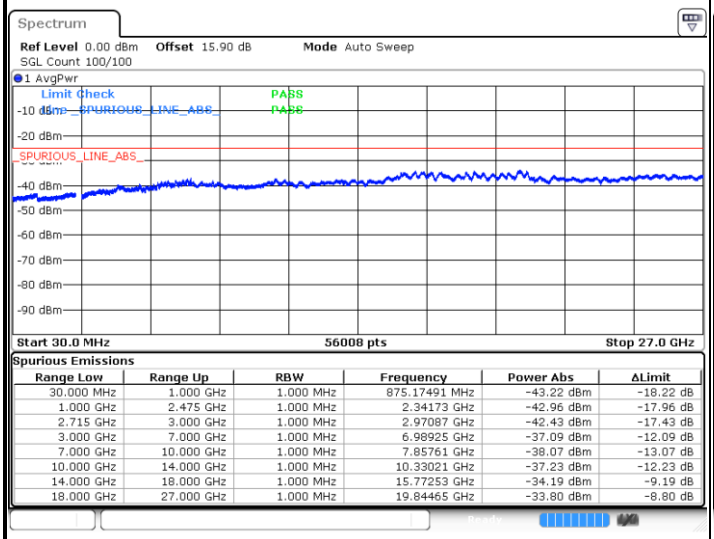
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-42.98 dBm	-17.98 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.34394 GHz	-42.83 dBm	-17.83 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71550 GHz	-37.19 dBm	-12.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-37.05 dBm	-12.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.41968 GHz	-38.16 dBm	-13.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.30771 GHz	-37.26 dBm	-12.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76503 GHz	-34.08 dBm	-9.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80565 GHz	-33.88 dBm	-8.88 dB

Date: 7.JAN.2018 15:00:40

LTE Band 41 / 15MHz

Lowest Channel / QPSK

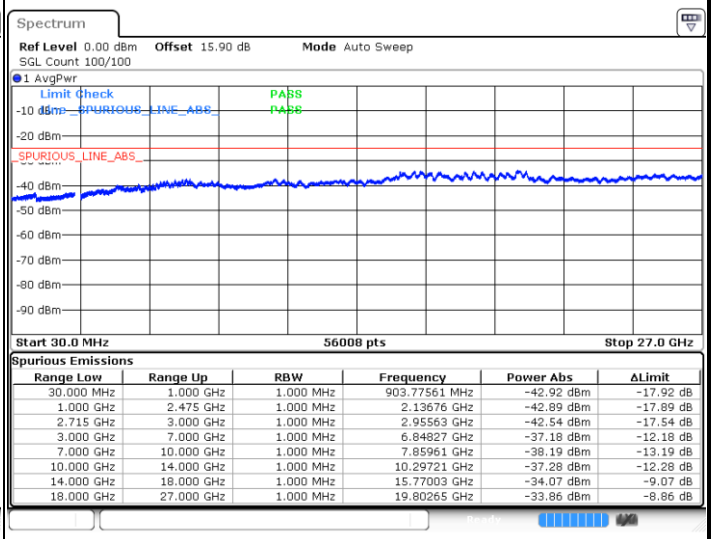


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-43.22 dBm	-18.22 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.34173 GHz	-42.96 dBm	-17.96 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97087 GHz	-42.43 dBm	-17.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-37.09 dBm	-12.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85761 GHz	-38.07 dBm	-13.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.33021 GHz	-37.23 dBm	-12.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.77253 GHz	-34.19 dBm	-9.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84465 GHz	-33.80 dBm	-8.80 dB

Date: 7.JAN.2018 15:01:35

Lowest Channel / 16QAM

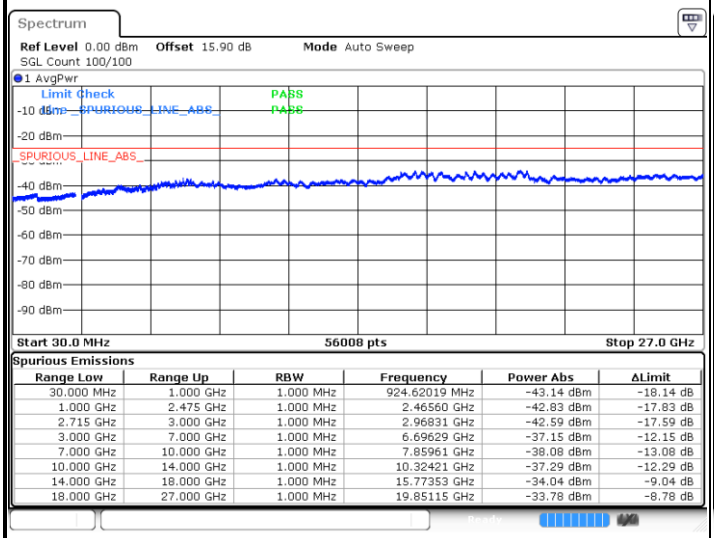


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-42.92 dBm	-17.92 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.13676 GHz	-42.89 dBm	-17.89 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95563 GHz	-42.54 dBm	-17.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84827 GHz	-37.18 dBm	-12.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85961 GHz	-38.19 dBm	-13.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.29721 GHz	-37.28 dBm	-12.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.77003 GHz	-34.07 dBm	-9.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80265 GHz	-33.86 dBm	-8.86 dB

Date: 7.JAN.2018 15:02:28

Middle Channel / QPSK

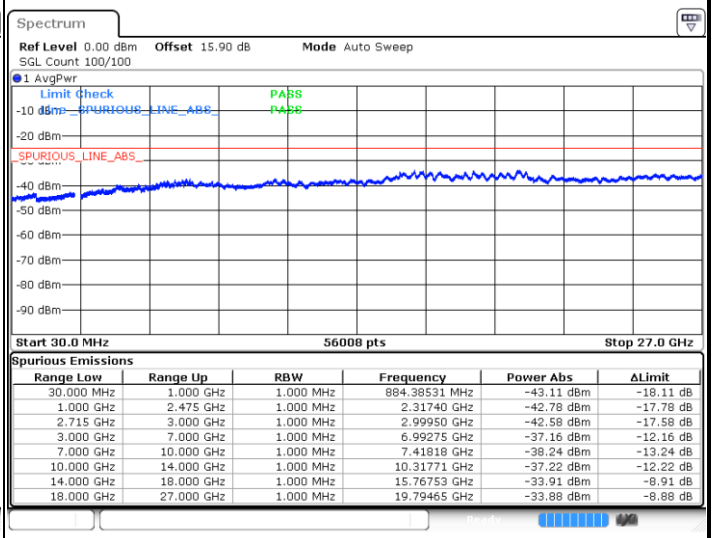


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-43.14 dBm	-18.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46560 GHz	-42.83 dBm	-17.83 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96831 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.69629 GHz	-37.15 dBm	-12.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85961 GHz	-38.08 dBm	-13.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.32421 GHz	-37.29 dBm	-12.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.77353 GHz	-34.04 dBm	-9.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85115 GHz	-33.78 dBm	-8.78 dB

Date: 7.JAN.2018 15:03:23

Middle Channel / 16QAM



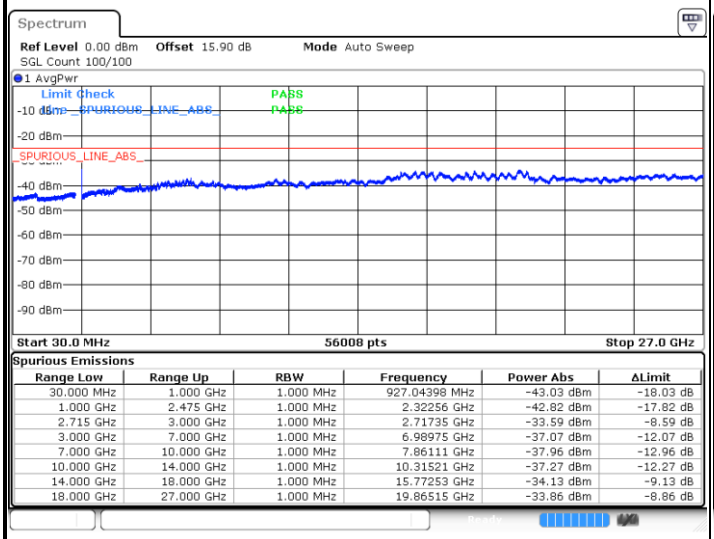
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-43.11 dBm	-18.11 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.31740 GHz	-42.78 dBm	-17.78 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99950 GHz	-42.58 dBm	-17.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-37.16 dBm	-12.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.41818 GHz	-38.24 dBm	-13.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.31771 GHz	-37.22 dBm	-12.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76753 GHz	-33.91 dBm	-8.91 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79465 GHz	-33.88 dBm	-8.88 dB

Date: 7.JAN.2018 15:04:17

LTE Band 41 / 15MHz

Highest Channel / QPSK

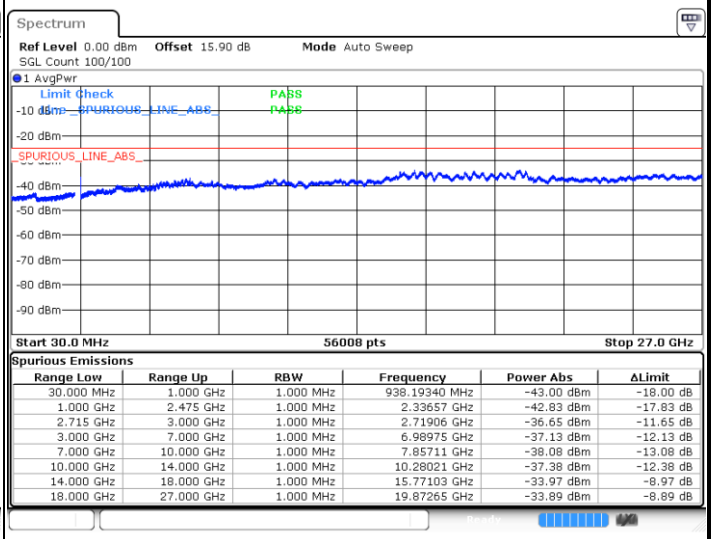


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.04398 MHz	-43.03 dBm	-18.03 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.32256 GHz	-42.82 dBm	-17.82 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71735 GHz	-33.59 dBm	-8.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-37.07 dBm	-12.07 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.86111 GHz	-37.96 dBm	-12.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.31521 GHz	-37.27 dBm	-12.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.77253 GHz	-34.13 dBm	-9.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86515 GHz	-33.86 dBm	-8.86 dB

Date: 7.JAN.2018 15:05:10

Highest Channel / 16QAM



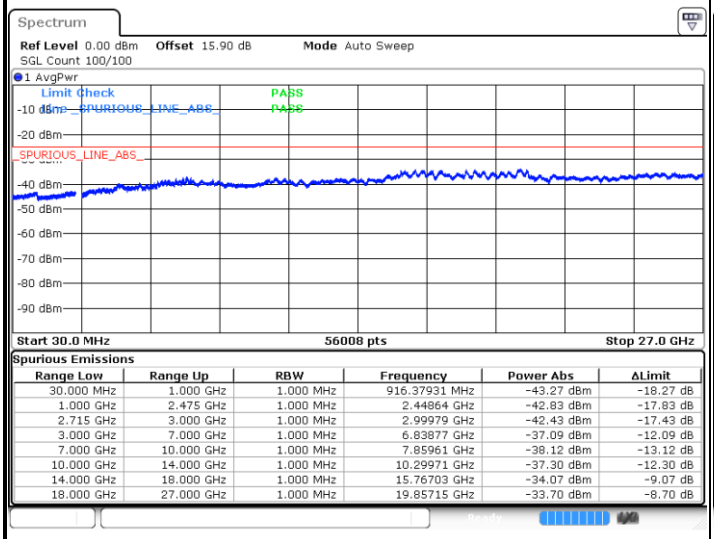
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-43.00 dBm	-18.00 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.33657 GHz	-42.83 dBm	-17.83 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71906 GHz	-36.65 dBm	-11.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-37.13 dBm	-12.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85711 GHz	-38.08 dBm	-13.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.28021 GHz	-37.38 dBm	-12.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.77103 GHz	-33.97 dBm	-8.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87265 GHz	-33.89 dBm	-8.89 dB

Date: 7.JAN.2018 15:06:05

LTE Band 41 / 20MHz

Lowest Channel / QPSK

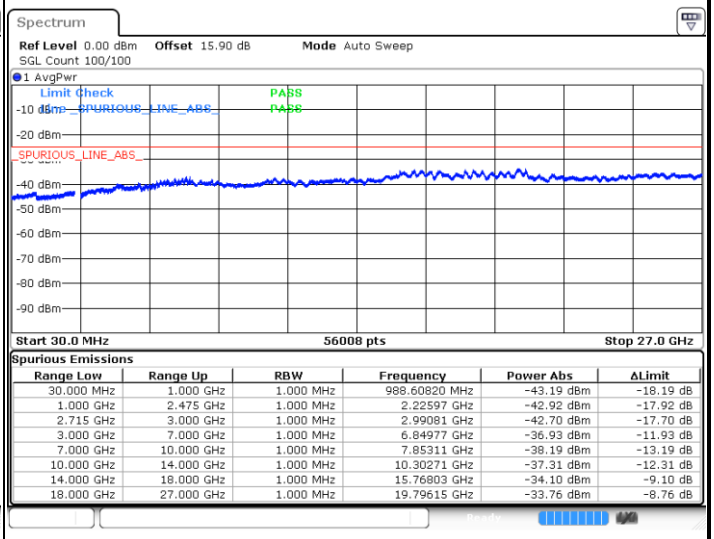


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-43.27 dBm	-18.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44864 GHz	-42.83 dBm	-17.83 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99979 GHz	-42.43 dBm	-17.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83877 GHz	-37.09 dBm	-12.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85961 GHz	-38.12 dBm	-13.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.29971 GHz	-37.30 dBm	-12.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76703 GHz	-34.07 dBm	-9.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85715 GHz	-33.70 dBm	-8.70 dB

Date: 7.JAN.2018 15:06:58

Lowest Channel / 16QAM



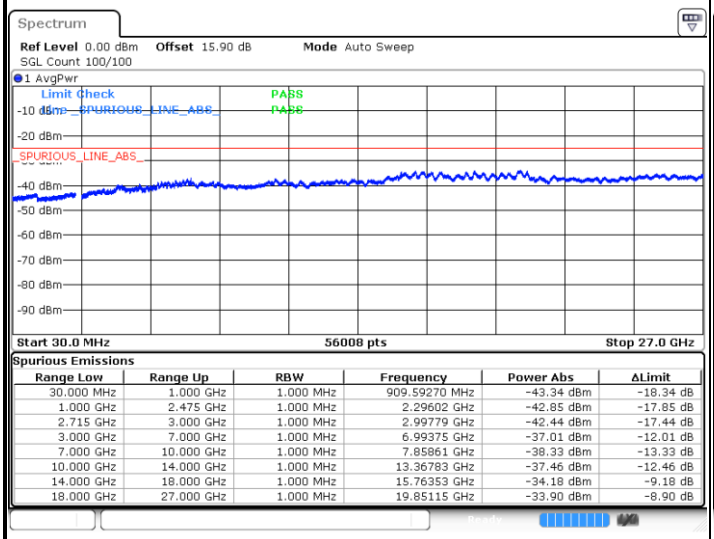
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-43.19 dBm	-18.19 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.22597 GHz	-42.92 dBm	-17.92 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99081 GHz	-42.70 dBm	-17.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84977 GHz	-36.93 dBm	-11.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85311 GHz	-38.19 dBm	-13.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.30271 GHz	-37.31 dBm	-12.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76803 GHz	-34.10 dBm	-9.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79615 GHz	-33.76 dBm	-8.76 dB

Date: 7.JAN.2018 15:07:53

LTE Band 41 / 20MHz

Middle Channel / QPSK

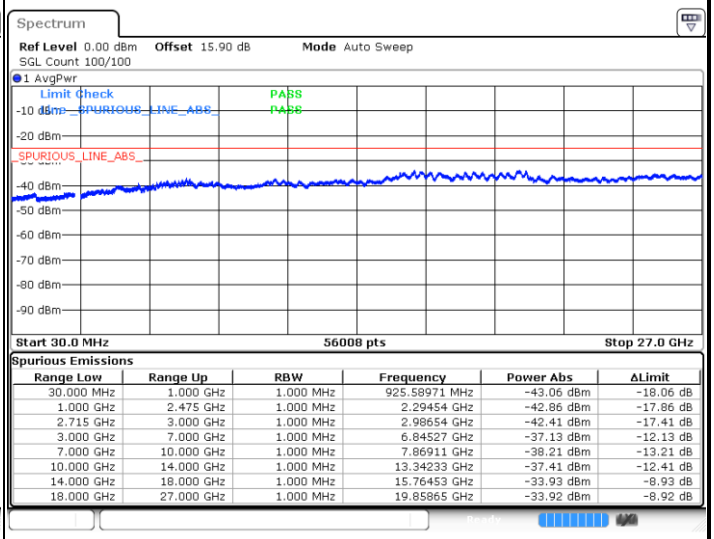


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-43.34 dBm	-18.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.29602 GHz	-42.85 dBm	-17.85 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99779 GHz	-42.44 dBm	-17.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-37.01 dBm	-12.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85861 GHz	-38.33 dBm	-13.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.36783 GHz	-37.46 dBm	-12.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76353 GHz	-34.18 dBm	-9.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85115 GHz	-33.90 dBm	-8.90 dB

Date: 7.JAN.2018 15:08:47

Middle Channel / 16QAM

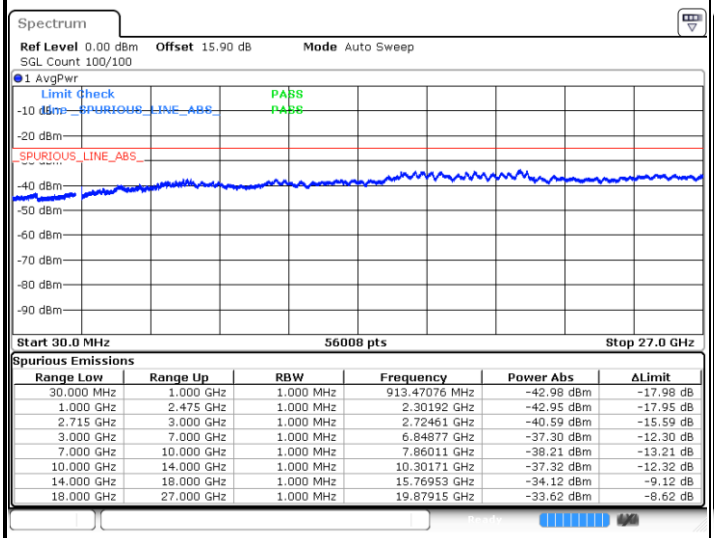


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-43.06 dBm	-18.06 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.29454 GHz	-42.86 dBm	-17.86 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98654 GHz	-42.41 dBm	-17.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84527 GHz	-37.13 dBm	-12.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.86911 GHz	-38.21 dBm	-13.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34233 GHz	-37.41 dBm	-12.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76453 GHz	-33.93 dBm	-8.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85865 GHz	-33.92 dBm	-8.92 dB

Date: 7.JAN.2018 15:09:41

Highest Channel / QPSK

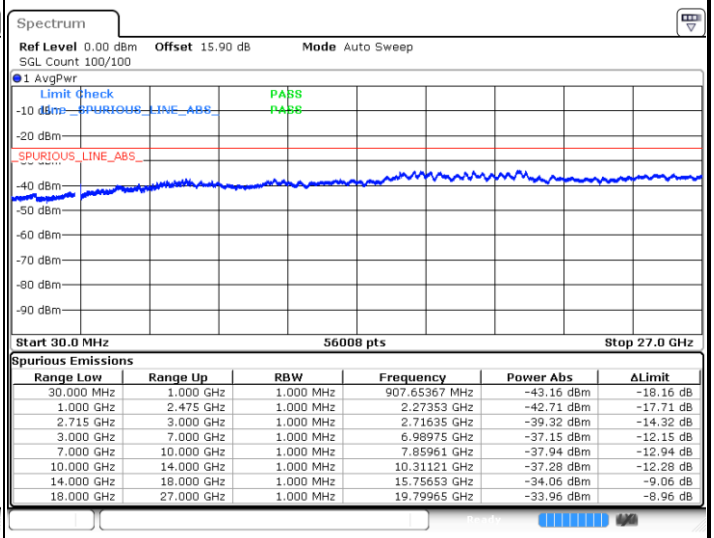


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-42.98 dBm	-17.98 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.30192 GHz	-42.95 dBm	-17.95 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.72461 GHz	-40.59 dBm	-15.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-37.30 dBm	-12.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.86011 GHz	-38.21 dBm	-13.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.30171 GHz	-37.32 dBm	-12.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76953 GHz	-34.12 dBm	-9.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87915 GHz	-33.62 dBm	-8.62 dB

Date: 7.JAN.2018 15:10:35

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-43.16 dBm	-18.16 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.27353 GHz	-42.71 dBm	-17.71 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71635 GHz	-39.32 dBm	-14.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-37.15 dBm	-12.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.85961 GHz	-37.94 dBm	-12.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.31121 GHz	-37.28 dBm	-12.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75653 GHz	-34.06 dBm	-9.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79965 GHz	-33.96 dBm	-8.96 dB

Date: 7.JAN.2018 15:11:29

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

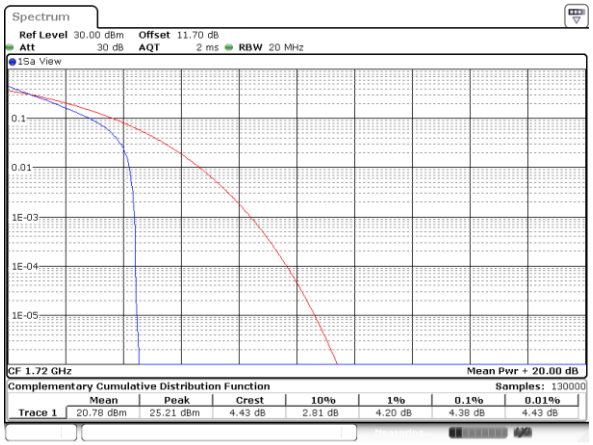
LTE Band 66

Peak-to-Average Ratio

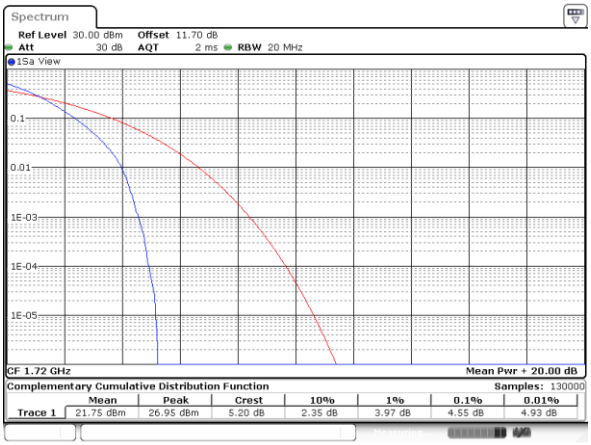
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.38	4.55	5.42	5.59	PASS
Middle CH	3.77	4.84	5.16	5.88	
Highest CH	4.32	4.99	5.25	6	

LTE Band 66 / 20MHz / QPSK

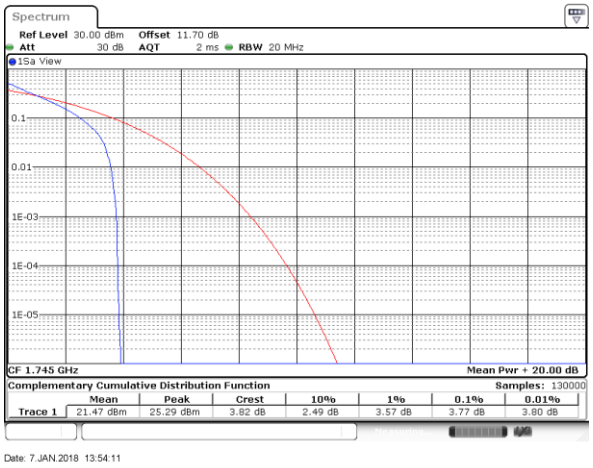
Lowest Channel / 1RB



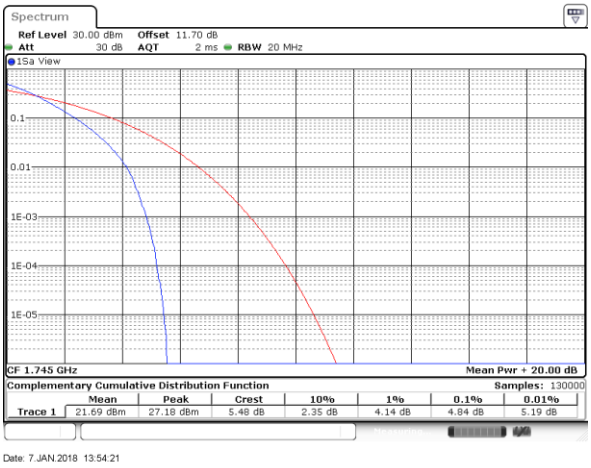
Lowest Channel / Full RB



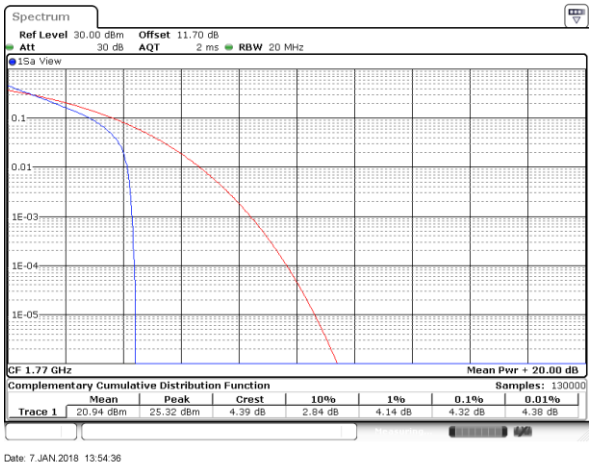
Middle Channel / 1RB



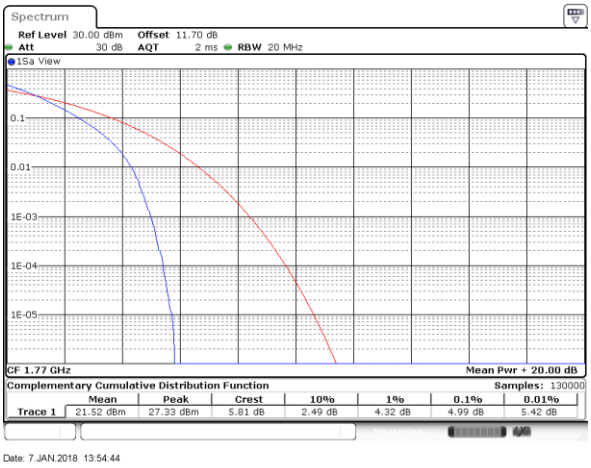
Middle Channel / Full RB



Highest Channel / 1RB

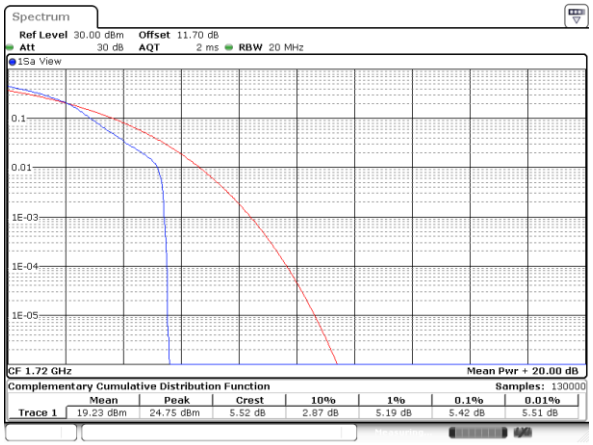


Highest Channel / Full RB

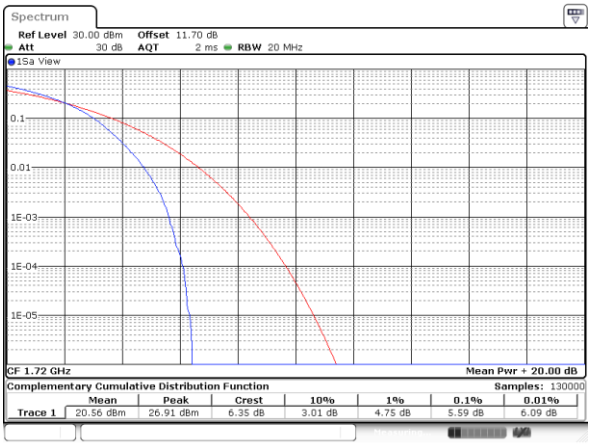


LTE Band 66 / 20MHz / 16QAM

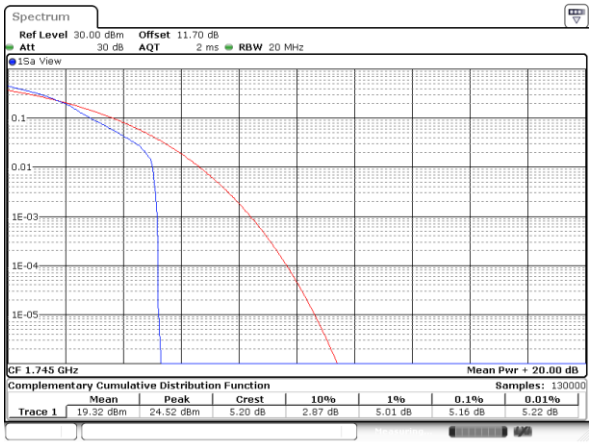
Lowest Channel / 1RB



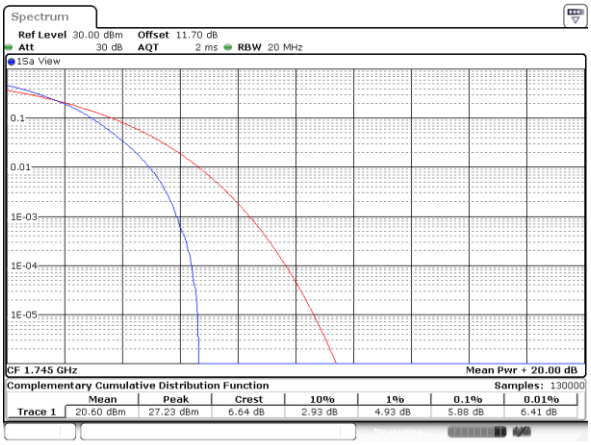
Lowest Channel / Full RB



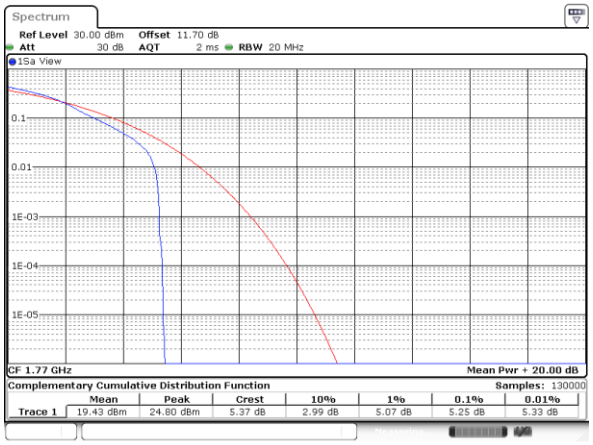
Middle Channel / 1RB



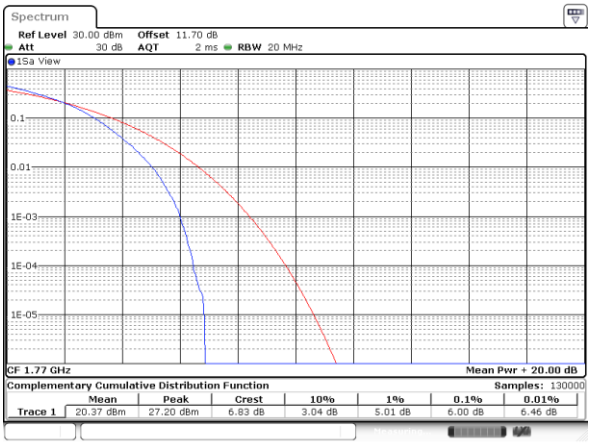
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

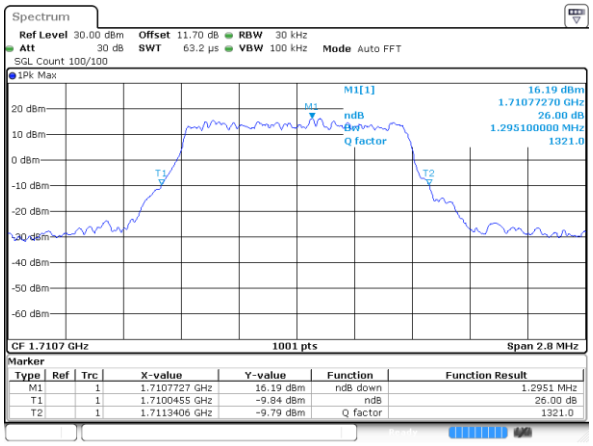


26dB Bandwidth

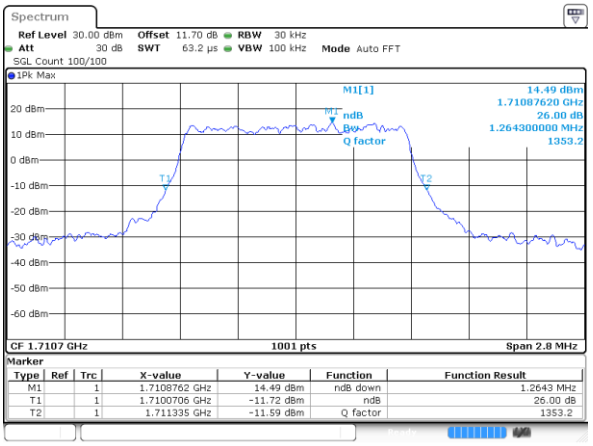
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.30	1.26	3.03	3.00	4.93	4.95	9.89	9.83	14.51	14.42	20.10	20.26
Middle CH	1.26	1.25	3.04	3.03	4.83	4.92	9.65	9.83	14.21	14.27	20.30	20.30
Highest CH	1.26	1.28	2.98	2.99	4.99	4.92	10.01	9.85	14.45	14.57	20.14	20.10

LTE Band 66

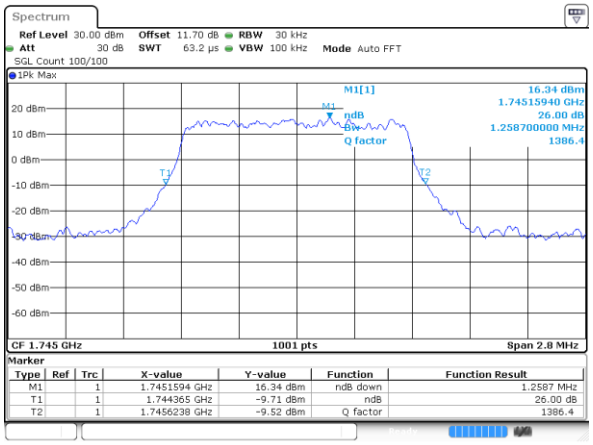
Lowest Channel / 1.4MHz / QPSK



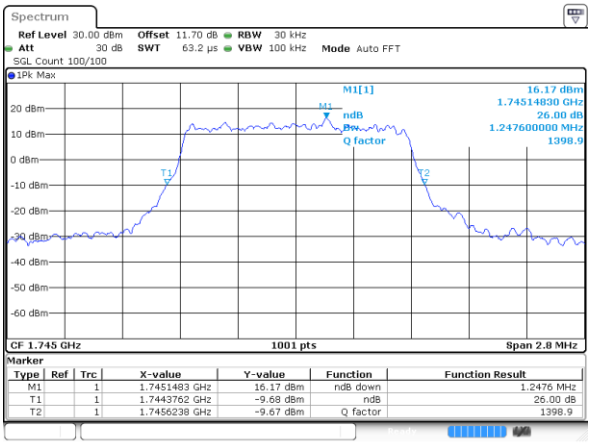
Lowest Channel / 1.4MHz / 16QAM



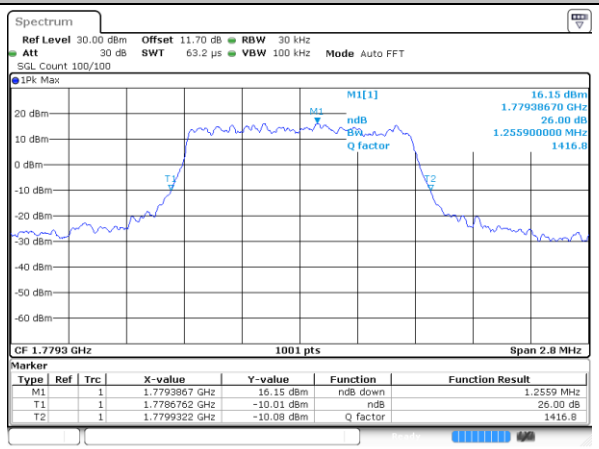
Middle Channel / 1.4MHz / QPSK



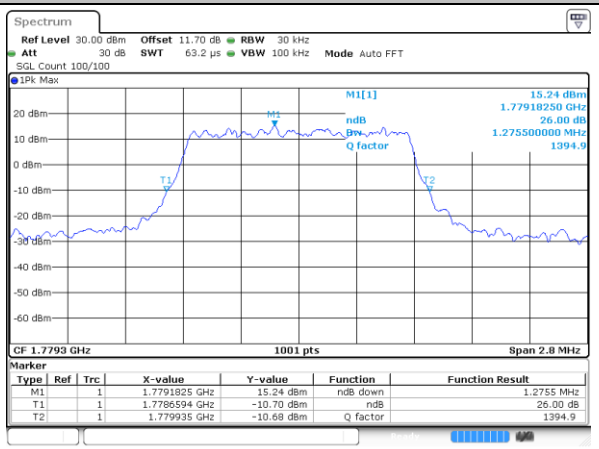
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

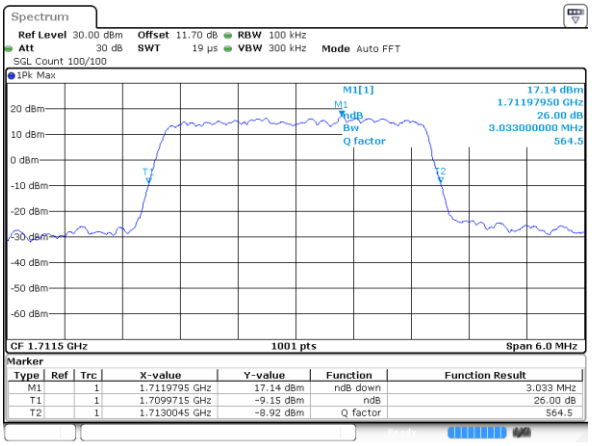


Highest Channel / 1.4MHz / 16QAM

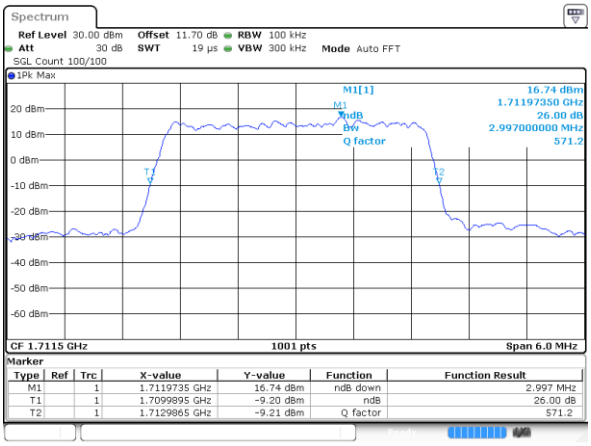


LTE Band 66

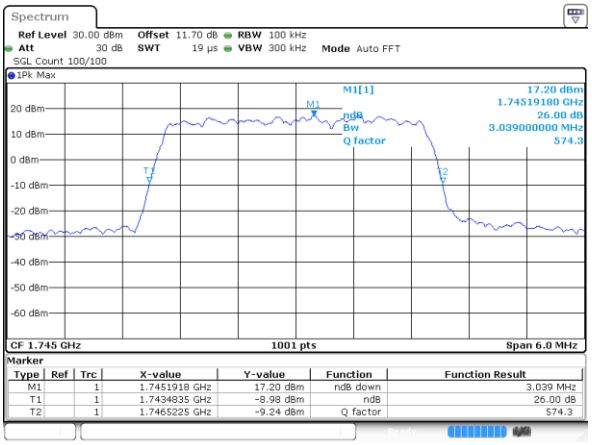
Lowest Channel / 3MHz / QPSK



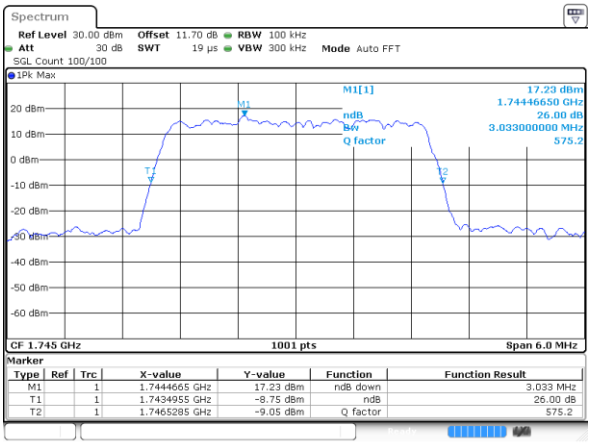
Lowest Channel / 3MHz / 16QAM



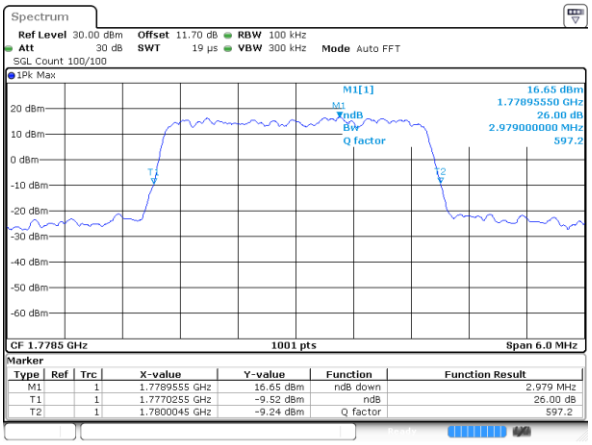
Middle Channel / 3MHz / QPSK



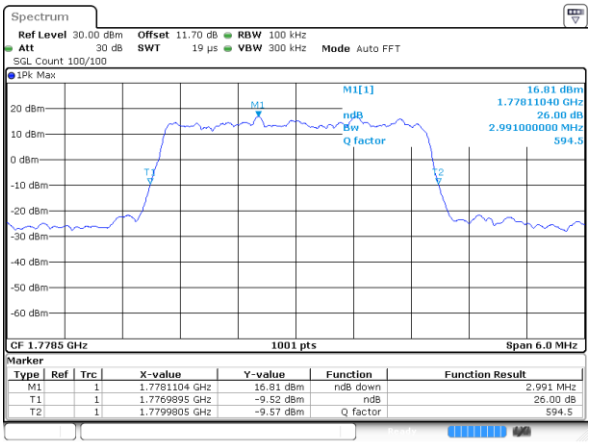
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

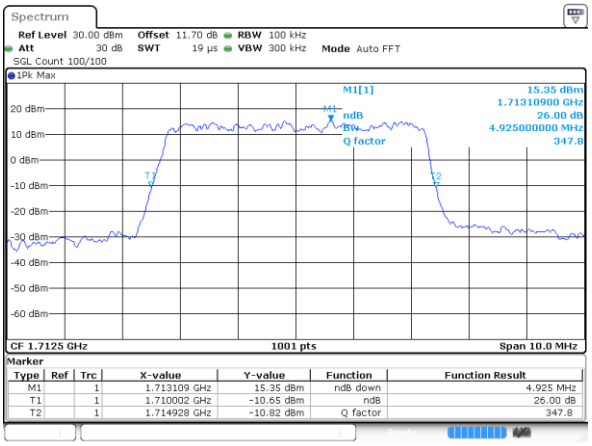


Highest Channel /3MHz / 16QAM

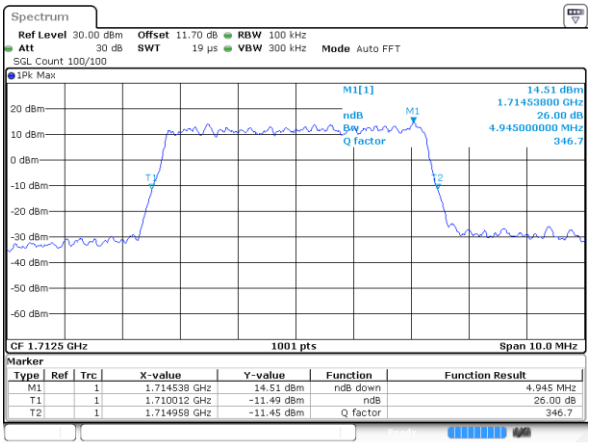


LTE Band 66

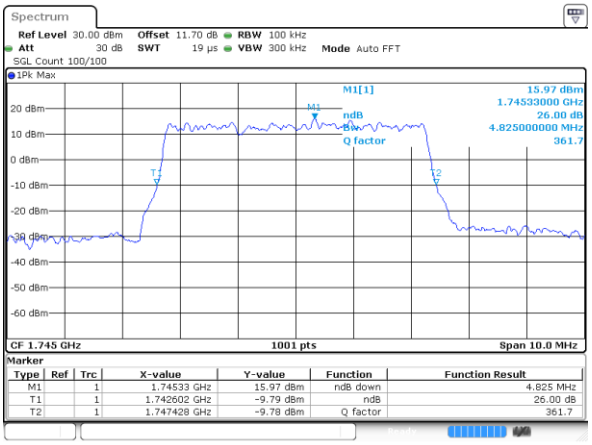
Lowest Channel / 5MHz / QPSK



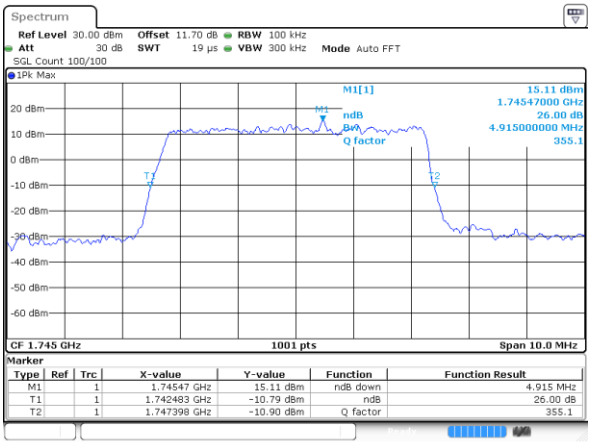
Lowest Channel / 5MHz / 16QAM



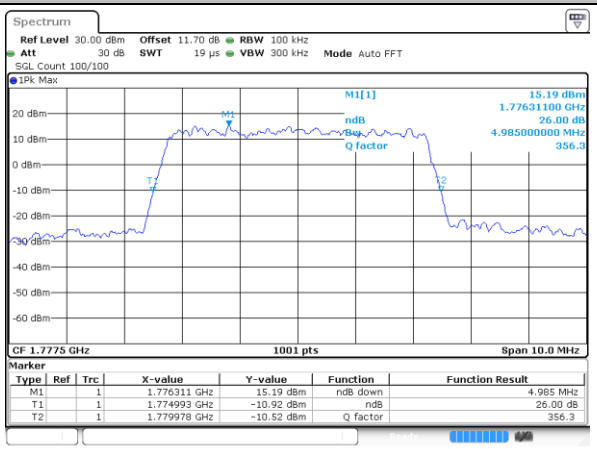
Middle Channel / 5MHz / QPSK



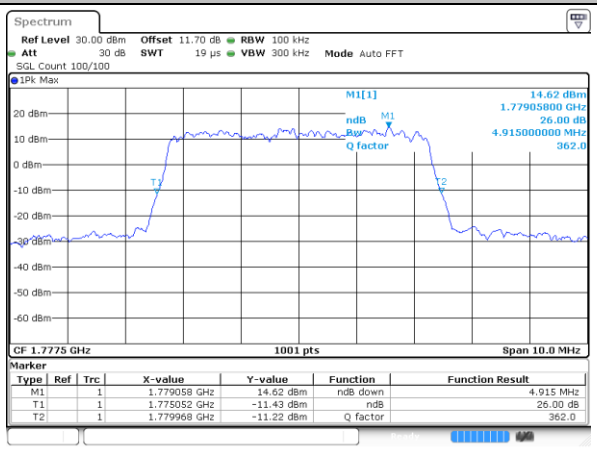
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

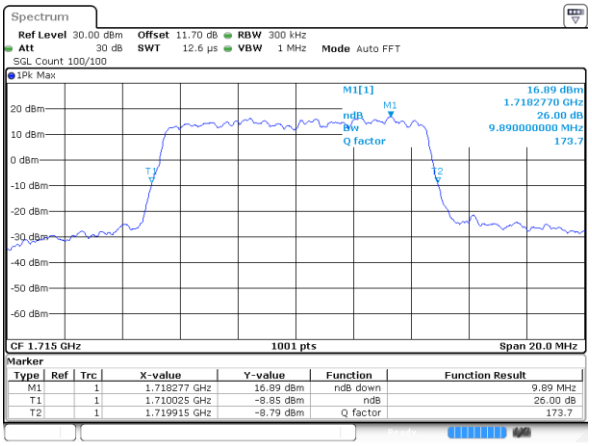


Highest Channel / 5MHz / 16QAM

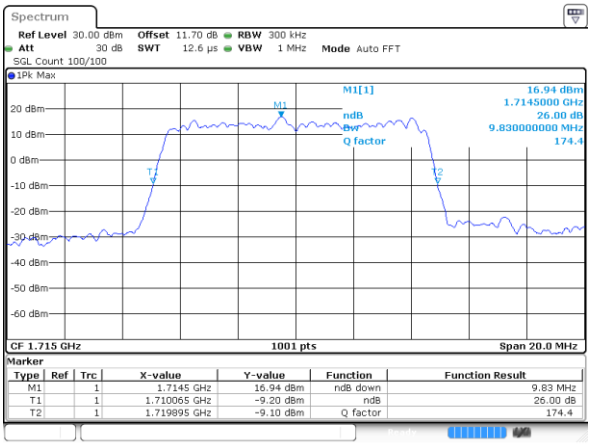


LTE Band 66

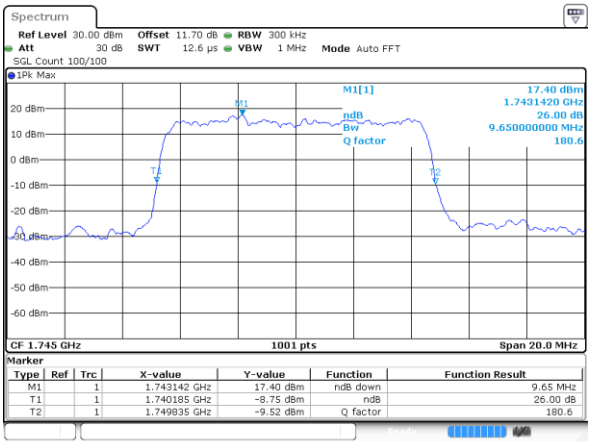
Lowest Channel / 10MHz / QPSK



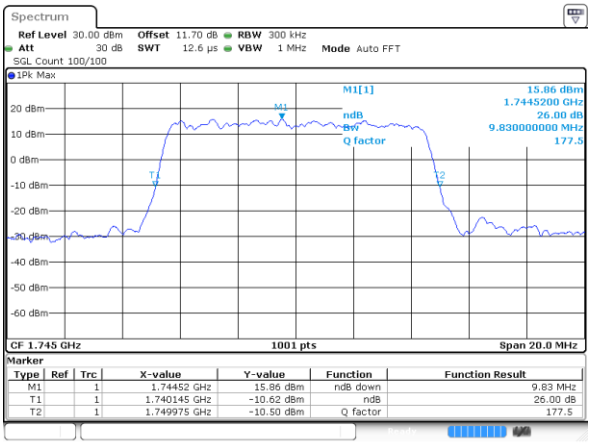
Lowest Channel / 10MHz / 16QAM



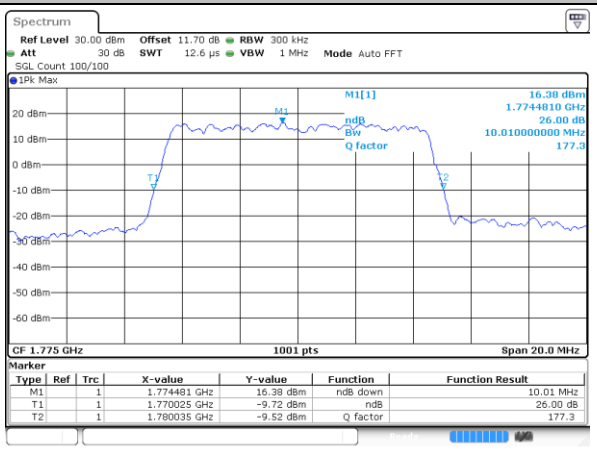
Middle Channel / 10MHz / QPSK



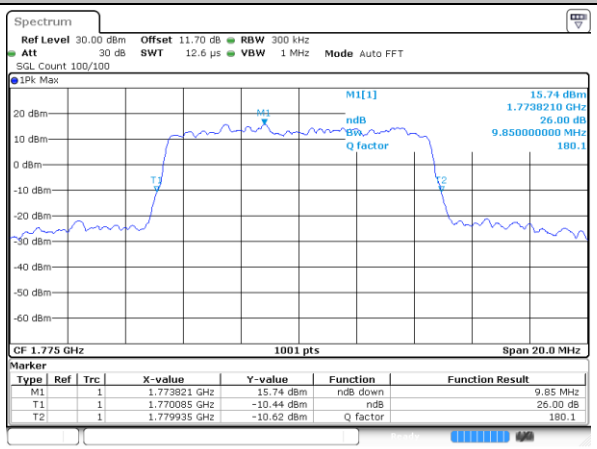
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

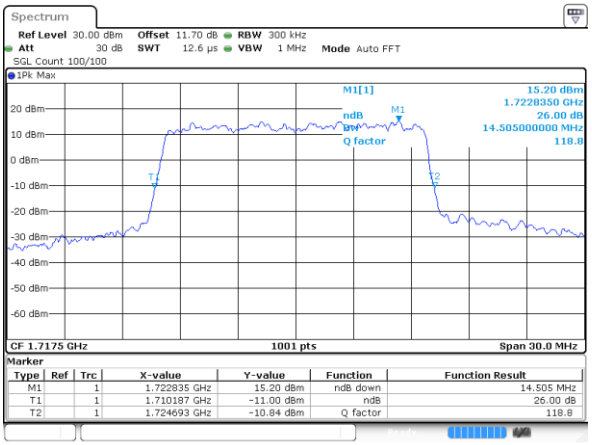


Highest Channel / 10MHz / 16QAM

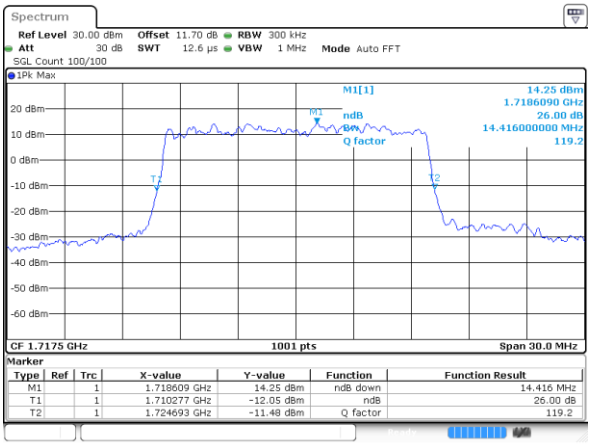


LTE Band 66

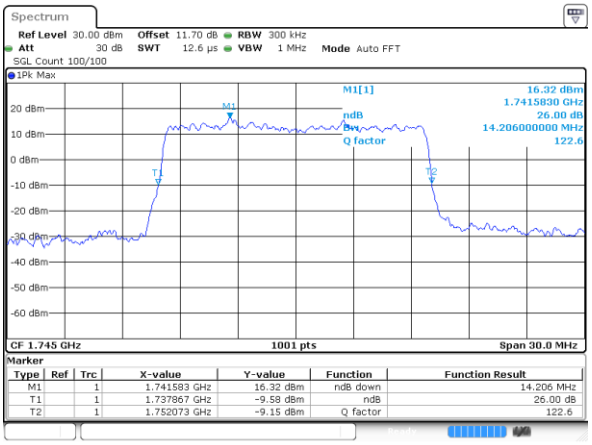
Lowest Channel / 15MHz / QPSK



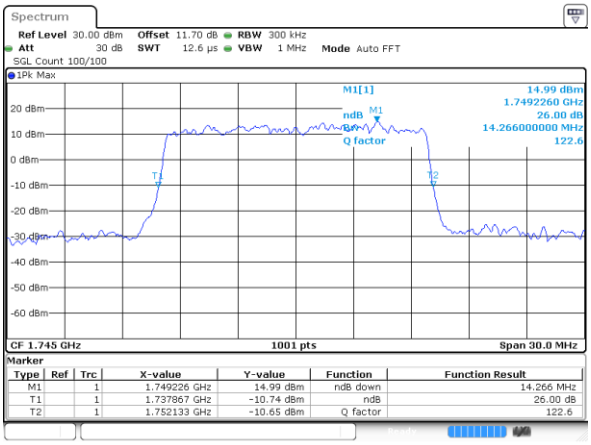
Lowest Channel / 15MHz / 16QAM



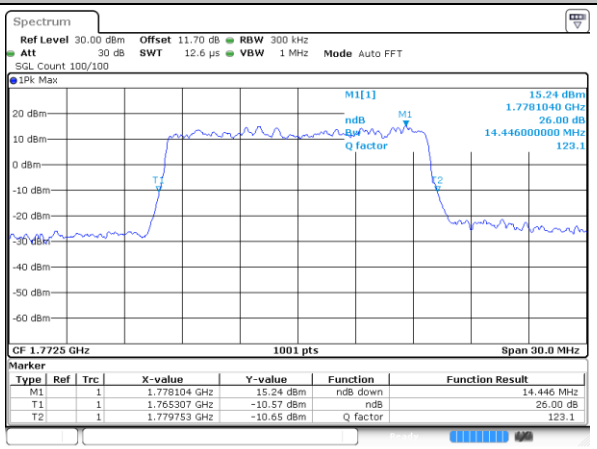
Middle Channel / 15MHz / QPSK



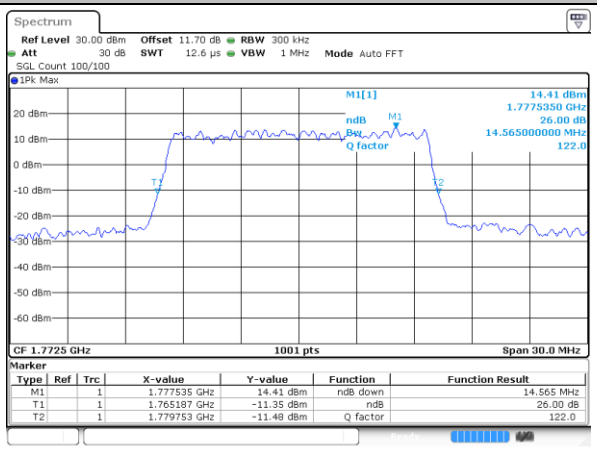
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

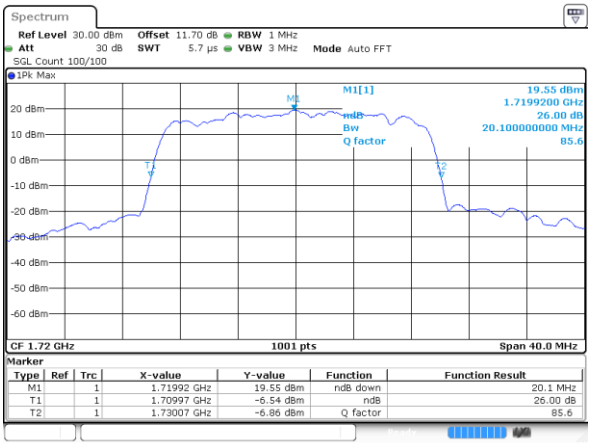


Highest Channel / 15MHz / 16QAM

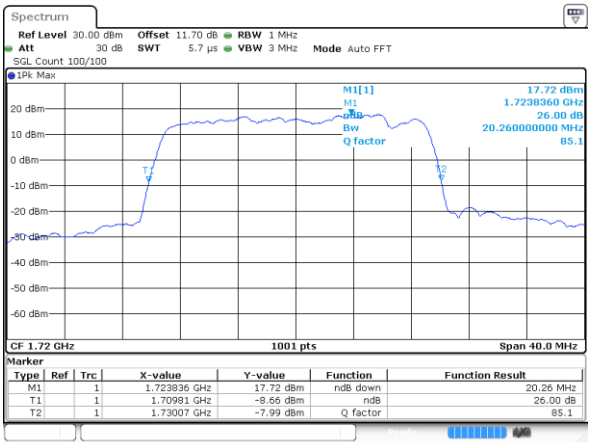


LTE Band 66

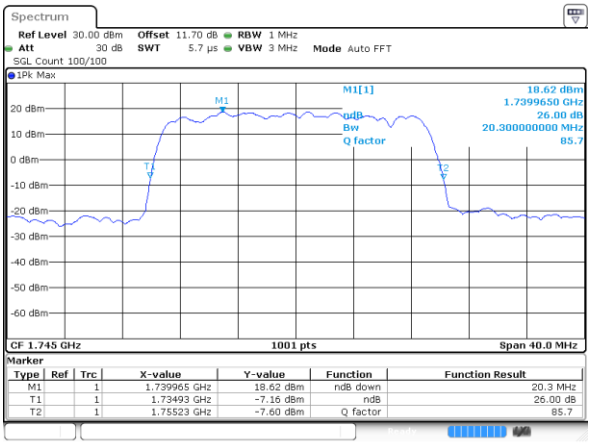
Lowest Channel / 20MHz / QPSK



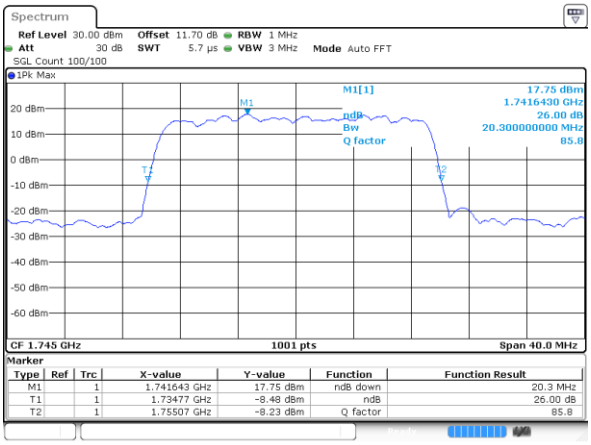
Lowest Channel / 20MHz / 16QAM



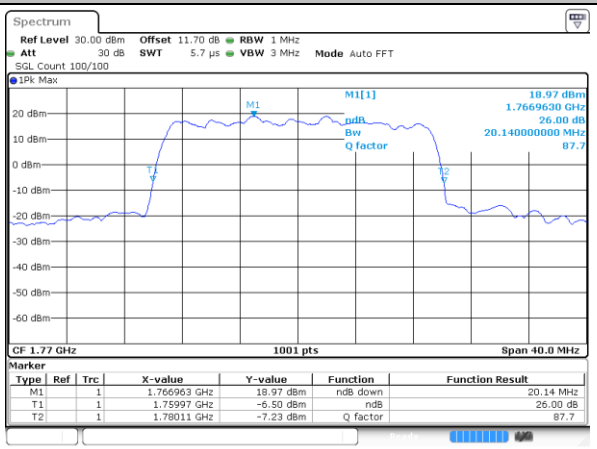
Middle Channel / 20MHz / QPSK



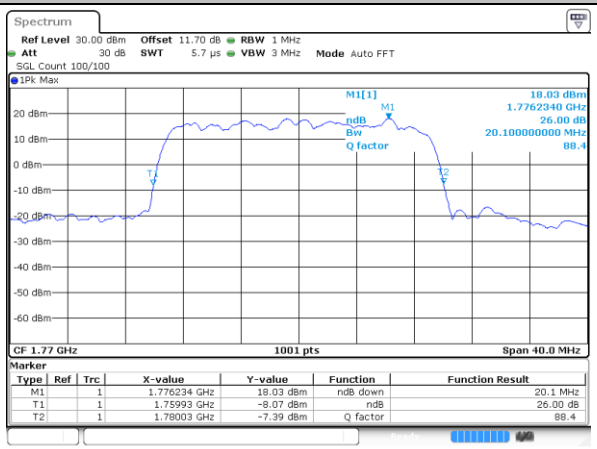
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

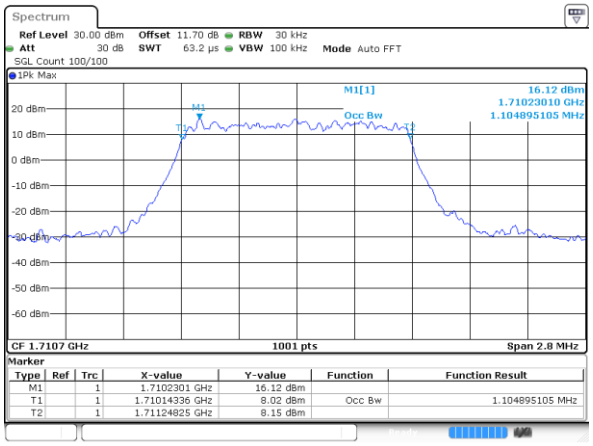


Occupied Bandwidth

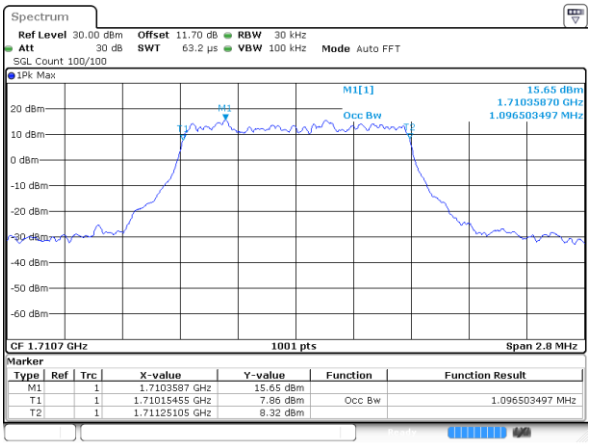
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.7	2.74	4.5	4.5	8.97	9.09	13.46	13.43	18.26	18.3
Middle CH	1.09	1.09	2.73	2.72	4.48	4.5	9.05	9.05	13.46	13.46	18.22	18.26
Highest CH	1.09	1.09	2.72	2.71	4.48	4.5	9.01	8.99	13.43	13.4	18.3	18.3

LTE Band 66

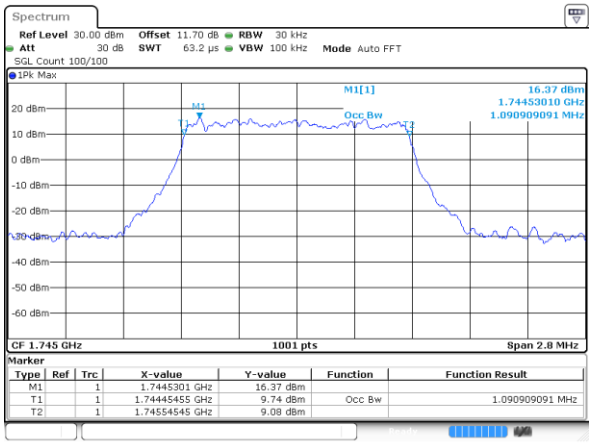
Lowest Channel / 1.4MHz / QPSK



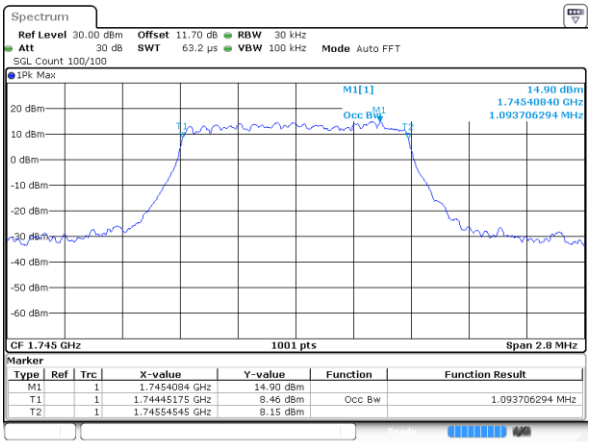
Lowest Channel / 1.4MHz / 16QAM



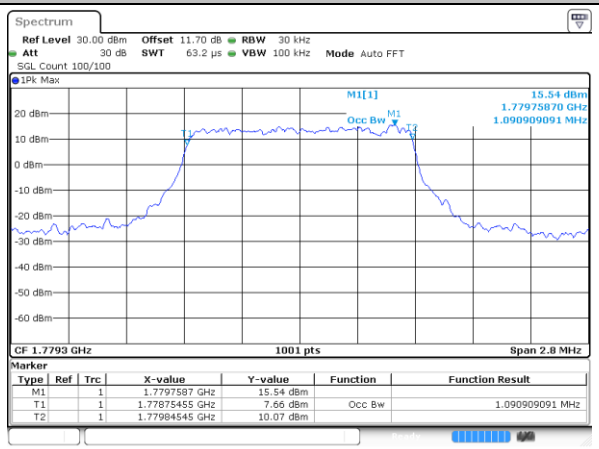
Middle Channel / 1.4MHz / QPSK



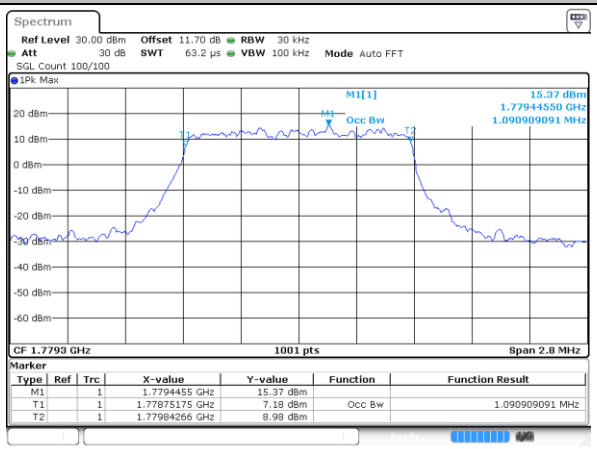
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

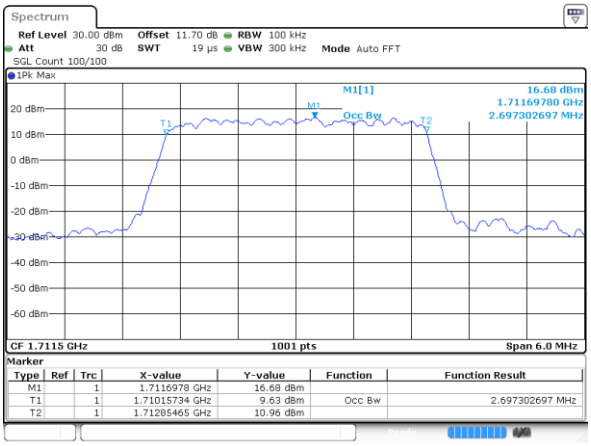


Highest Channel / 1.4MHz / 16QAM



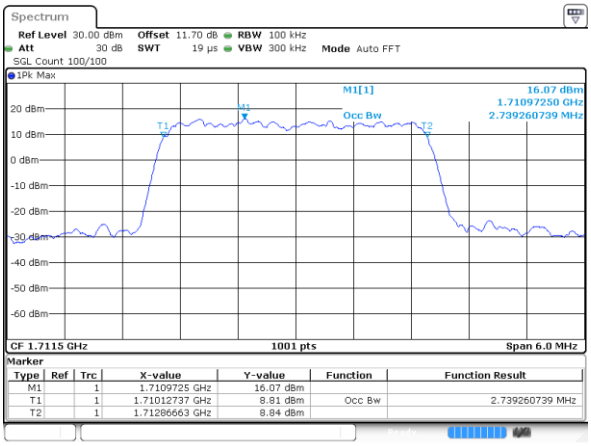
LTE Band 66

Lowest Channel / 3MHz / QPSK



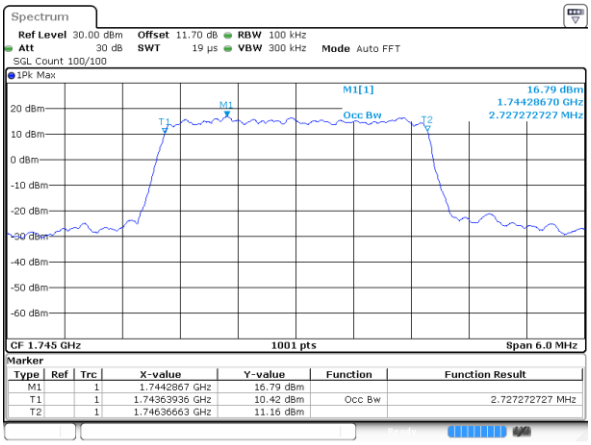
Date: 7.JAN.2018 11:40:43

Lowest Channel / 3MHz / 16QAM



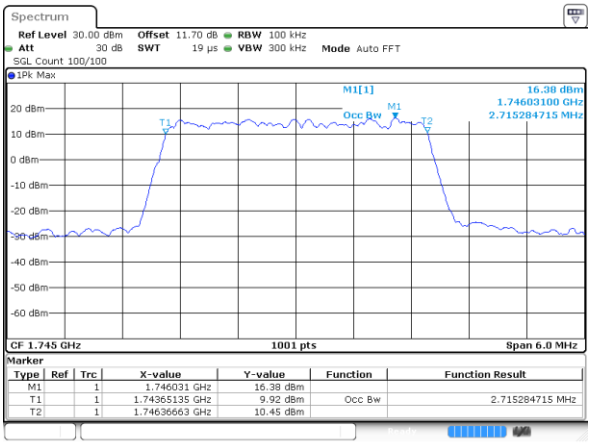
Date: 7.JAN.2018 11:40:53

Middle Channel / 3MHz / QPSK



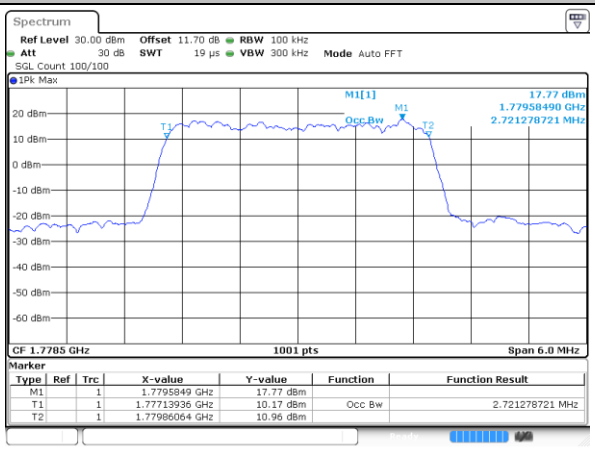
Date: 7.JAN.2018 11:47:47

Middle Channel / 3MHz / 16QAM



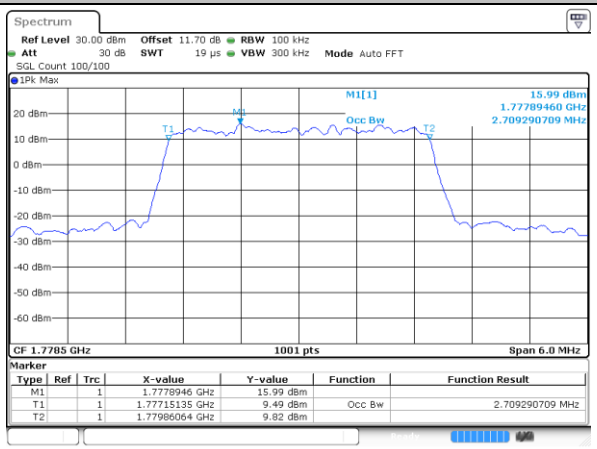
Date: 7.JAN.2018 11:47:57

Highest Channel / 3MHz / QPSK



Date: 7.JAN.2018 11:50:17

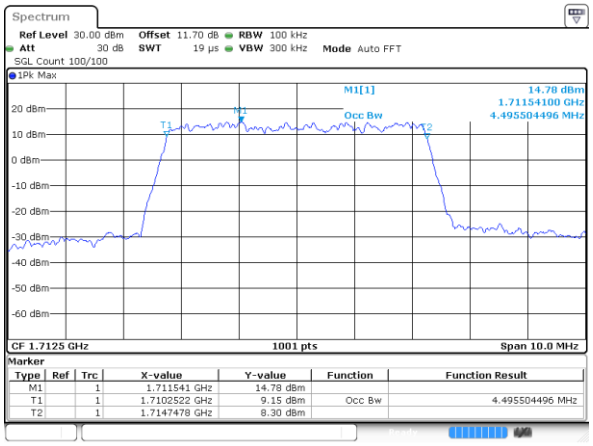
Highest Channel / 3MHz / 16QAM



Date: 7.JAN.2018 11:50:27

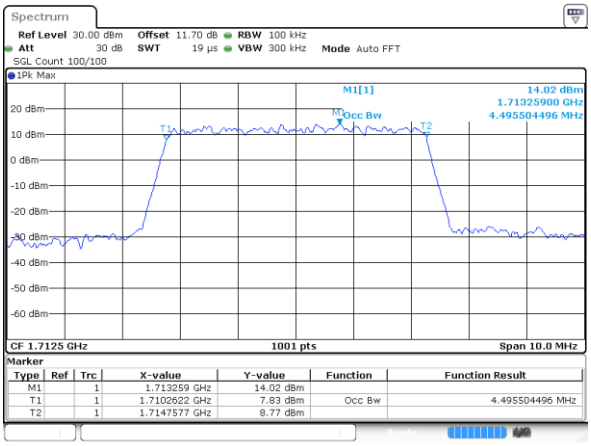
LTE Band 66

Lowest Channel / 5MHz / QPSK



Date: 7.JAN.2018 11:57:21

Lowest Channel / 5MHz / 16QAM



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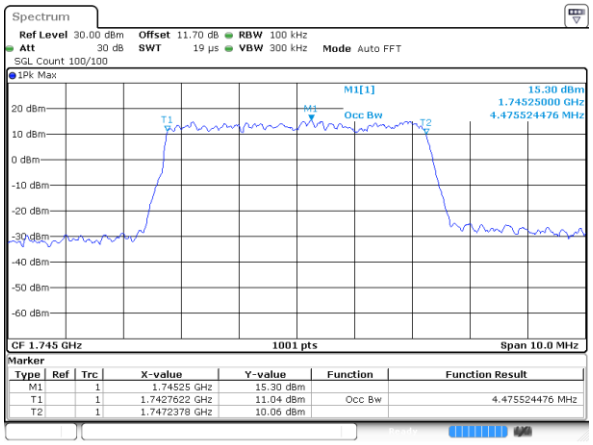
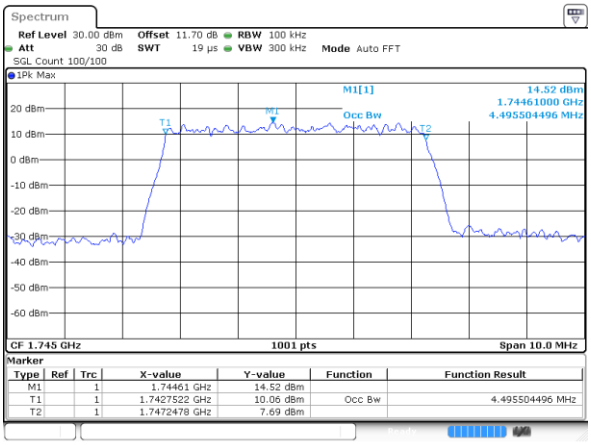
Middle Channel / 5MHz / QPSK



Date: 7.JAN.2018 12:04:25

Middle Channel / 5MHz / 16QAM



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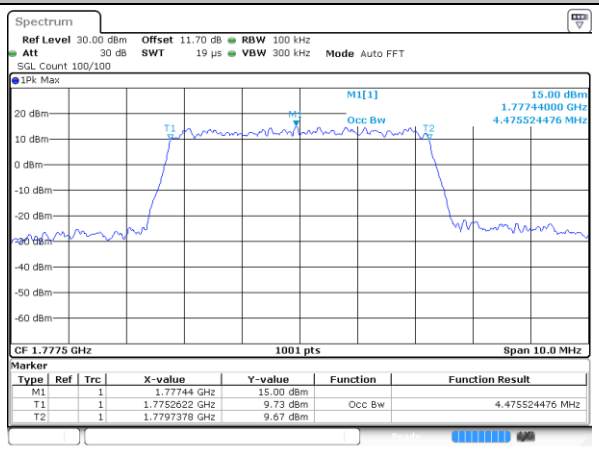
Highest Channel / 5MHz / QPSK



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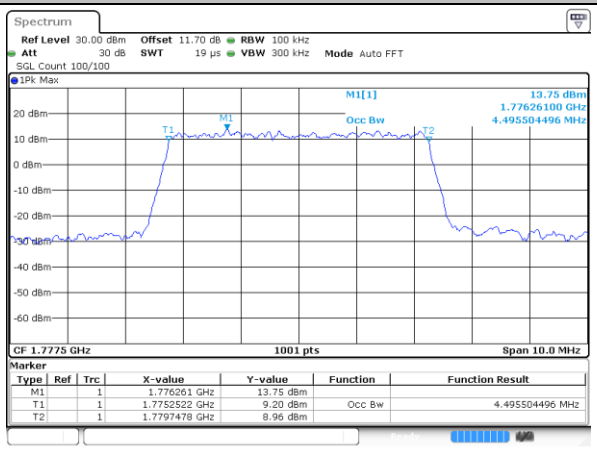
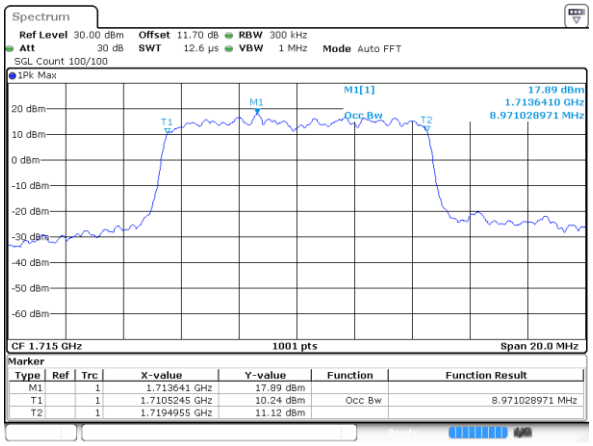
Highest Channel / 5MHz / 16QAM



Date: 7.JAN.2018 12:07:04

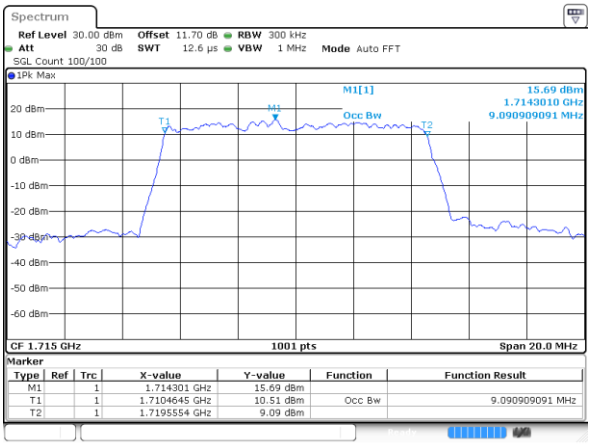
LTE Band 66

Lowest Channel / 10MHz / QPSK



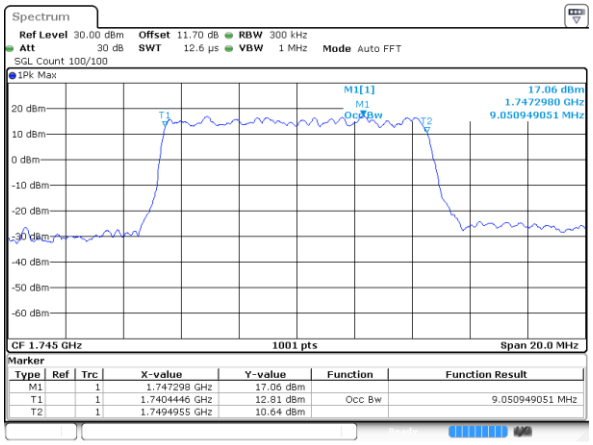
Date: 7.JAN.2018 12:13:58

Lowest Channel / 10MHz / 16QAM



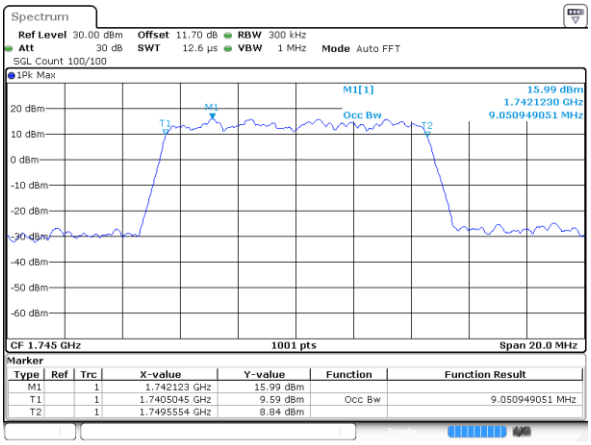
Date: 7.JAN.2018 12:14:08

Middle Channel / 10MHz / QPSK



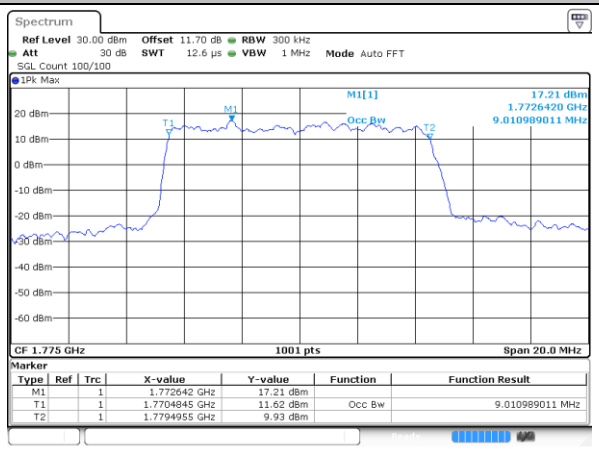
Date: 7.JAN.2018 12:21:01

Middle Channel / 10MHz / 16QAM



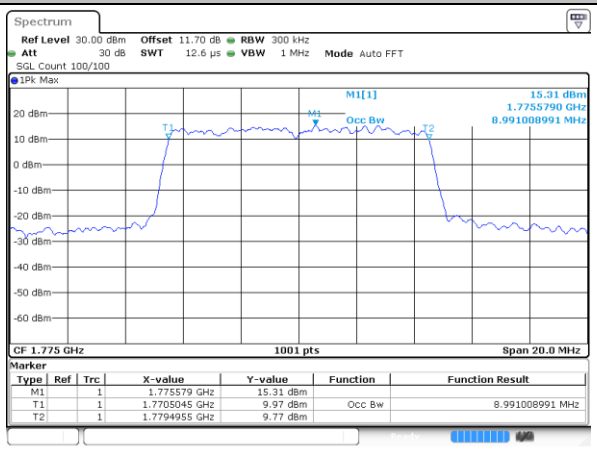
Date: 7.JAN.2018 12:21:11

Highest Channel / 10MHz / QPSK



Date: 7.JAN.2018 12:23:31

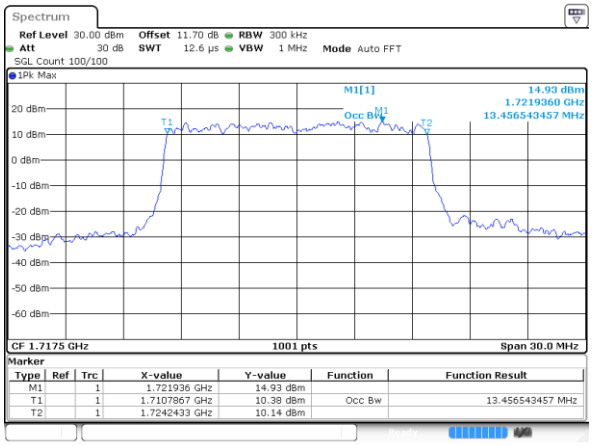
Highest Channel / 10MHz / 16QAM



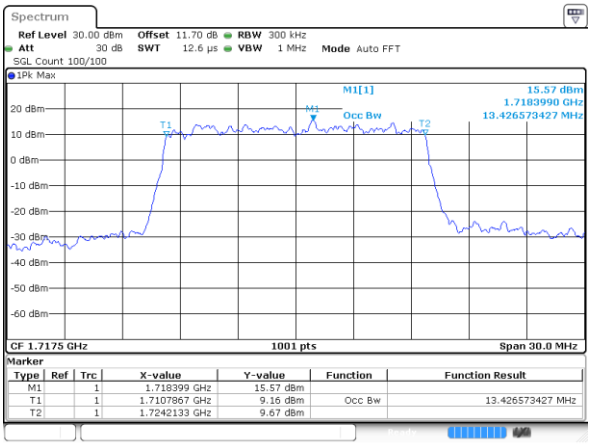
Date: 7.JAN.2018 12:23:41

LTE Band 66

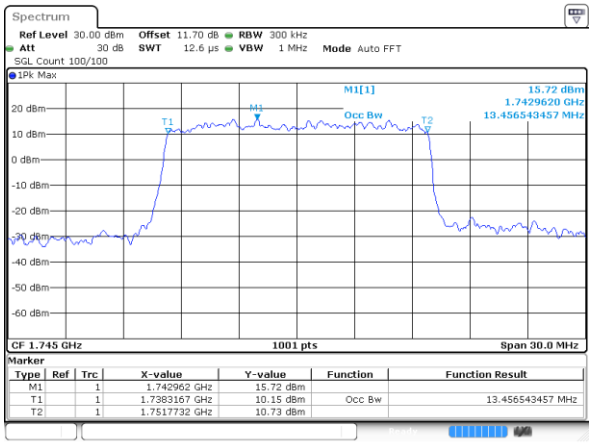
Lowest Channel / 15MHz / QPSK



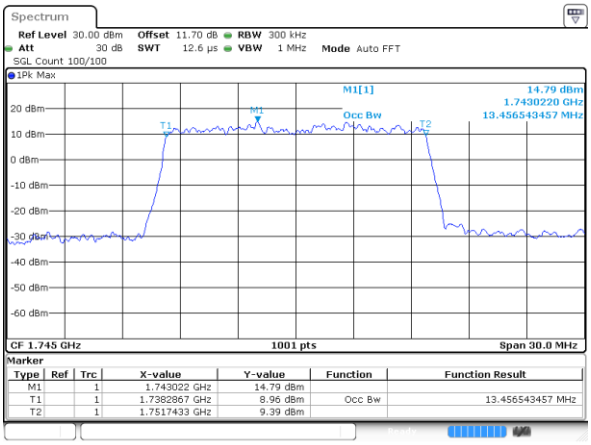
Lowest Channel / 15MHz / 16QAM



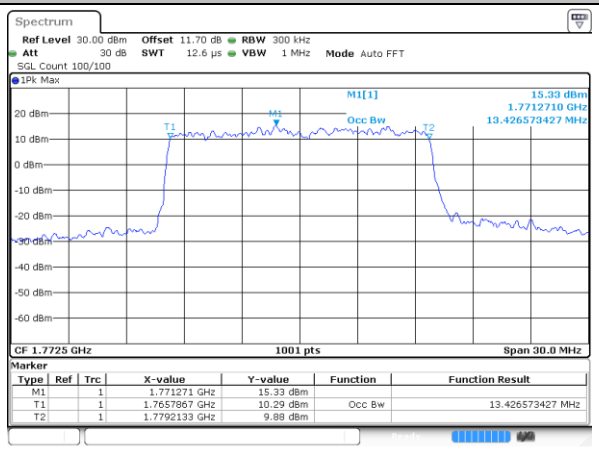
Middle Channel / 15MHz / QPSK



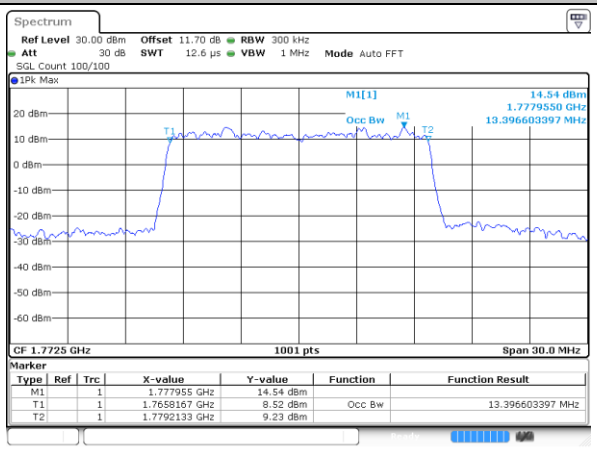
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

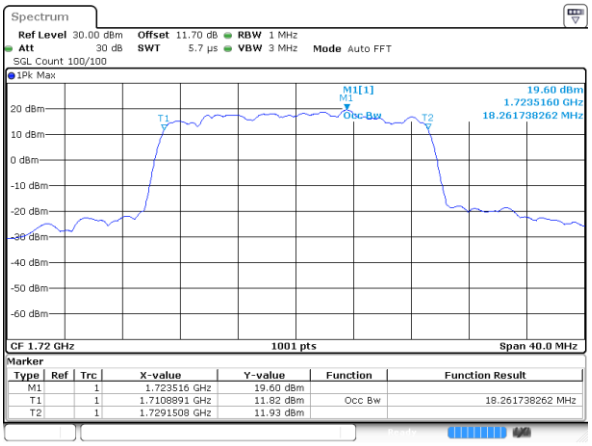


Highest Channel / 15MHz / 16QAM

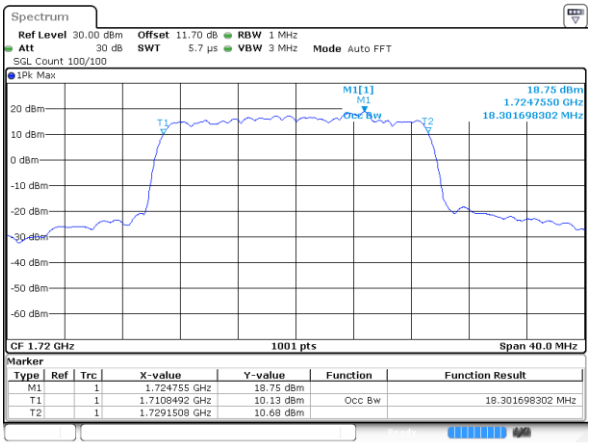


LTE Band 66

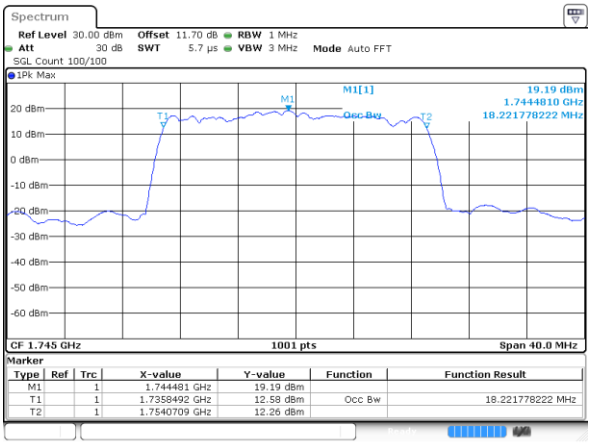
Lowest Channel / 20MHz / QPSK



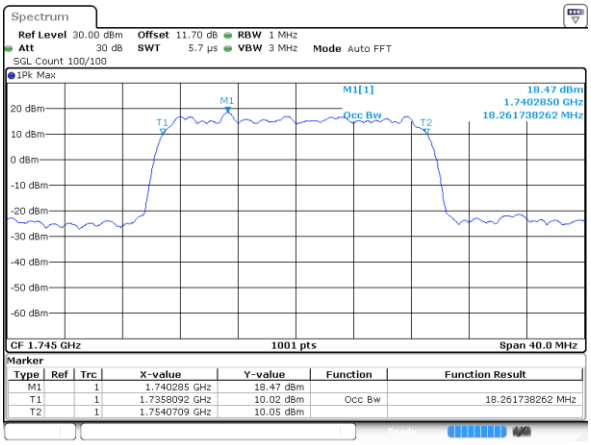
Lowest Channel / 20MHz / 16QAM



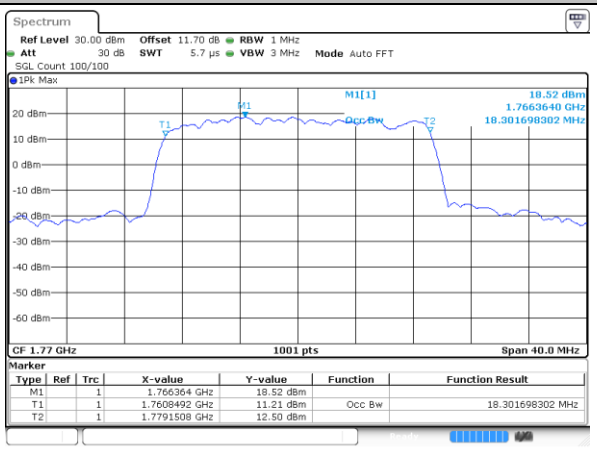
Middle Channel / 20MHz / QPSK



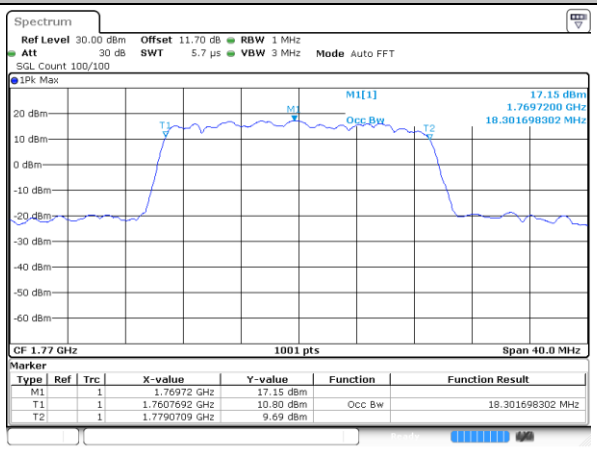
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



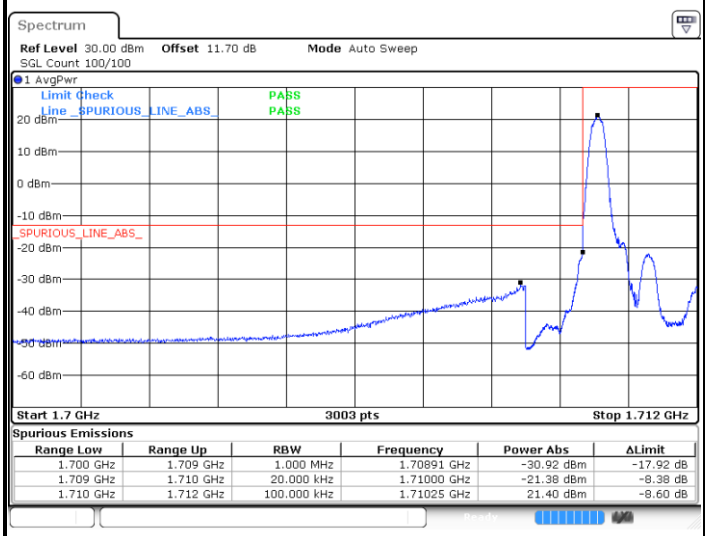
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

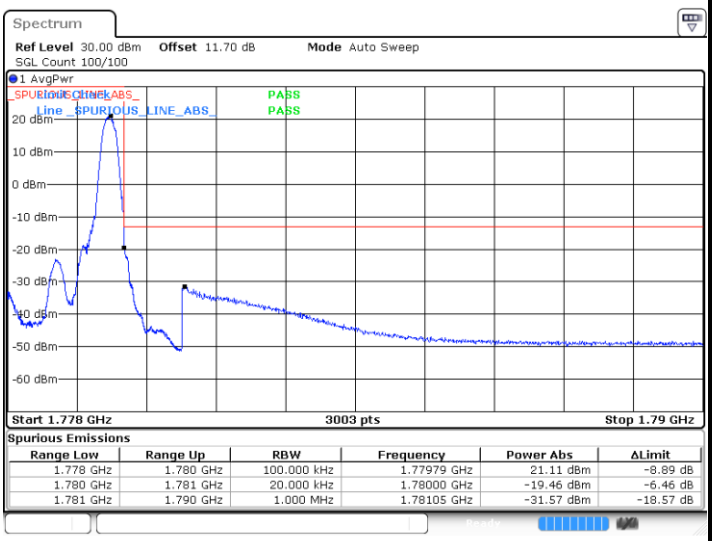


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-30.92 dBm	-17.92 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-21.38 dBm	-8.38 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71025 GHz	21.40 dBm	-8.60 dB

Date: 7.JAN.2018 13:21:04

Highest Band Edge / 1RB

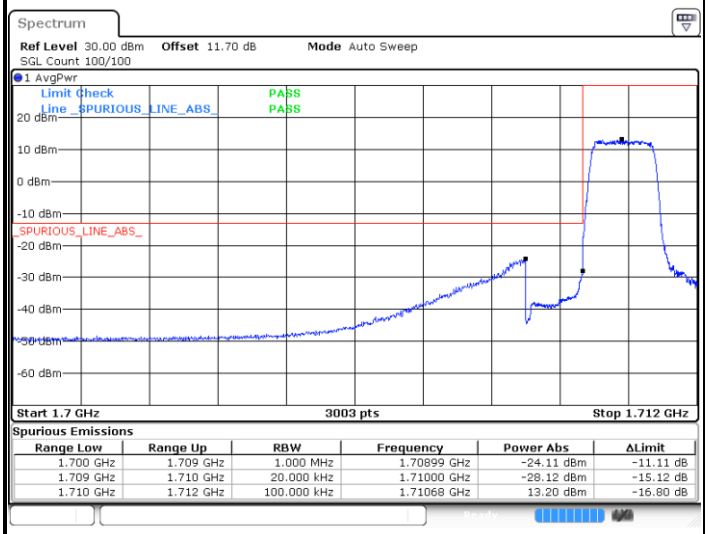


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77979 GHz	21.11 dBm	-8.89 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-19.46 dBm	-6.46 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-31.57 dBm	-18.57 dB

Date: 7.JAN.2018 13:31:04

Lowest Band Edge / Full RB

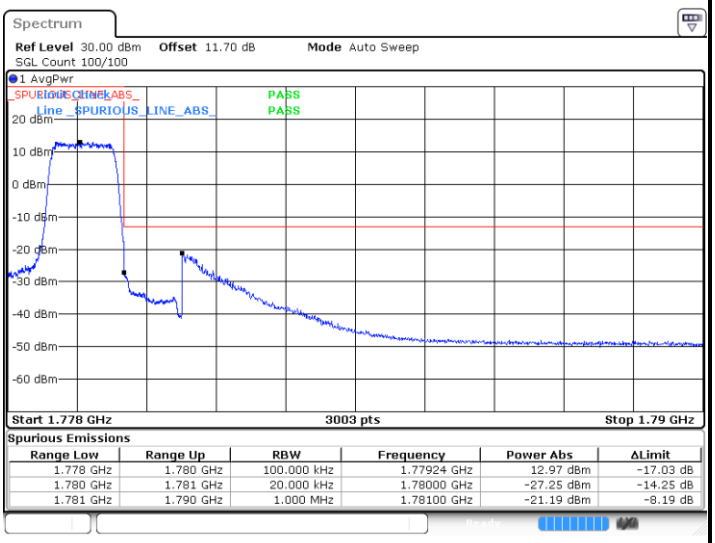


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-24.11 dBm	-11.11 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-28.12 dBm	-15.12 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71068 GHz	13.20 dBm	-16.80 dB

Date: 7.JAN.2018 13:23:21

Highest Band Edge / Full RB



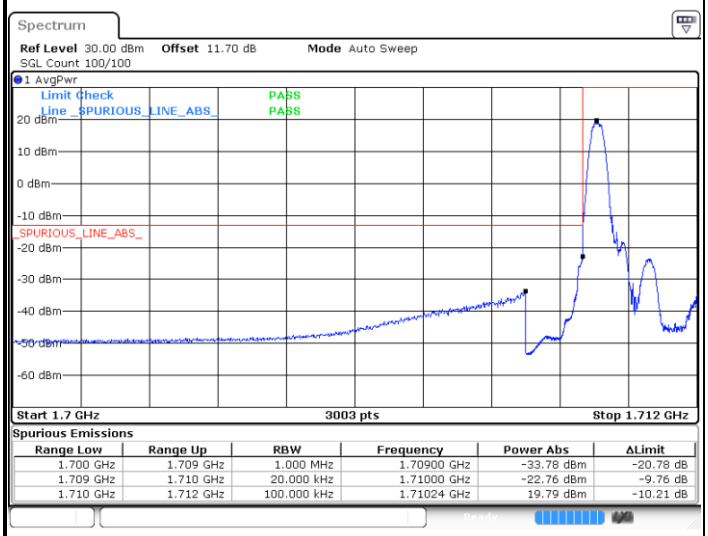
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77924 GHz	12.97 dBm	-17.03 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-27.25 dBm	-14.25 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-21.19 dBm	-8.19 dB

Date: 7.JAN.2018 13:33:22

LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

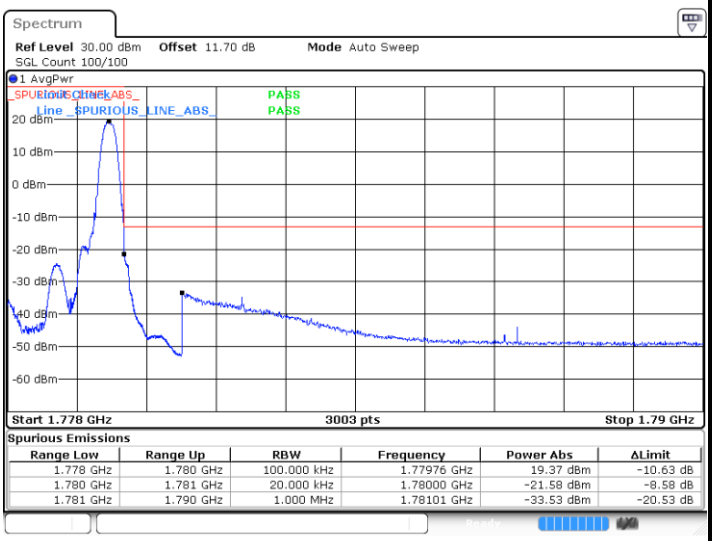


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-33.78 dBm	-20.78 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-22.76 dBm	-9.76 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	19.79 dBm	-10.21 dB

Date: 7.JAN.2018 13:22:13

Highest Band Edge / 1 RB

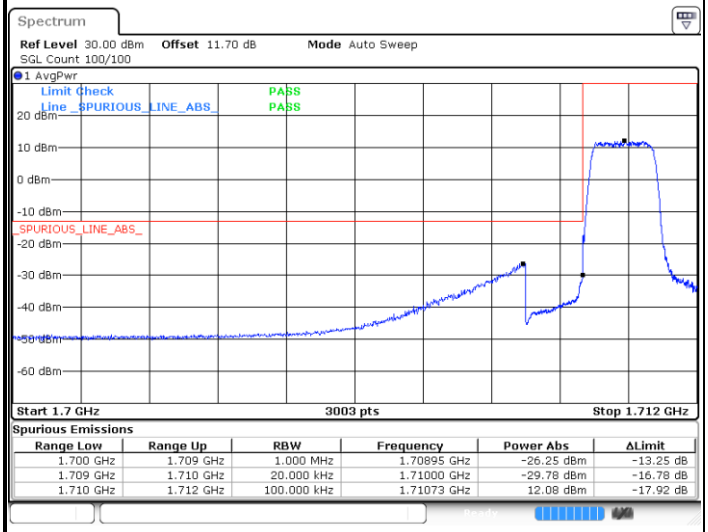


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77976 GHz	19.37 dBm	-10.63 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-21.58 dBm	-8.58 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-33.53 dBm	-20.53 dB

Date: 7.JAN.2018 13:32:13

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-26.25 dBm	-13.25 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.78 dBm	-16.78 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71073 GHz	12.08 dBm	-17.92 dB

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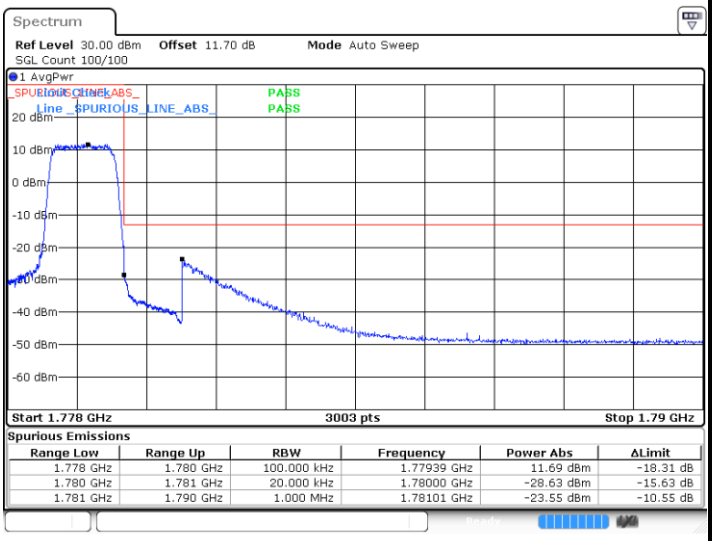
Highest Band Edge / Full RB



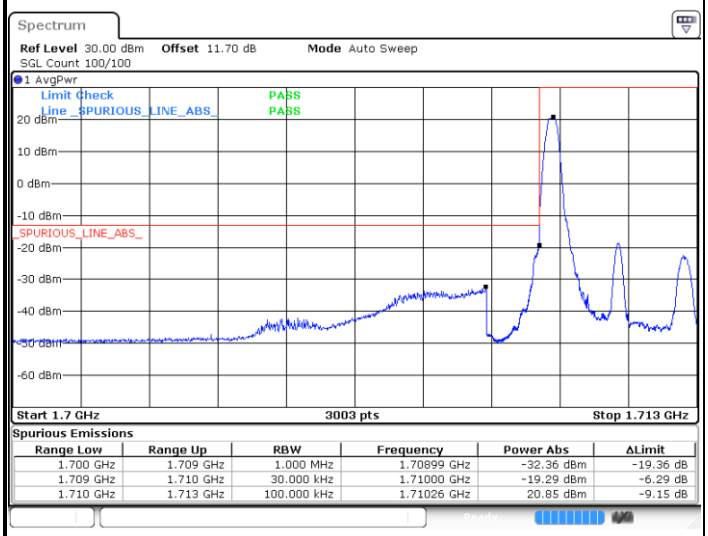
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77939 GHz	11.69 dBm	-18.31 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-28.63 dBm	-15.63 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-23.55 dBm	-10.55 dB

Date: 7.JAN.2018 13:34:30

LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB

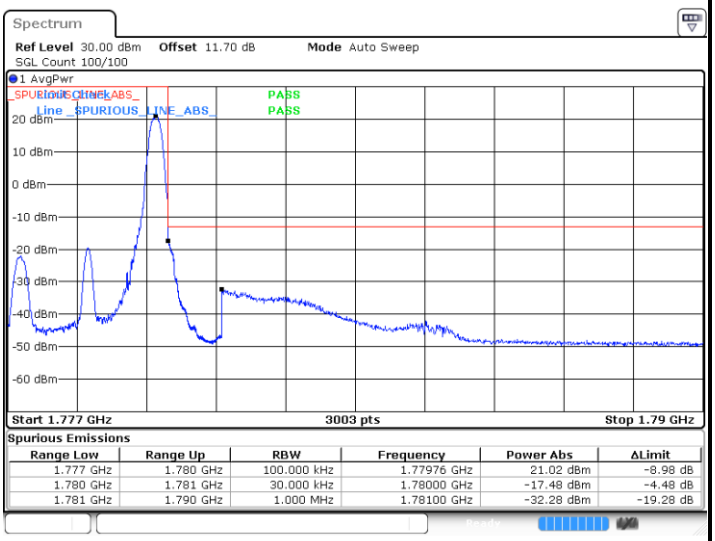


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-32.36 dBm	-19.36 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-19.29 dBm	-6.29 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71026 GHz	20.85 dBm	-9.15 dB

Date: 7.JAN.2018 11:42:22

Highest Band Edge / 1 RB

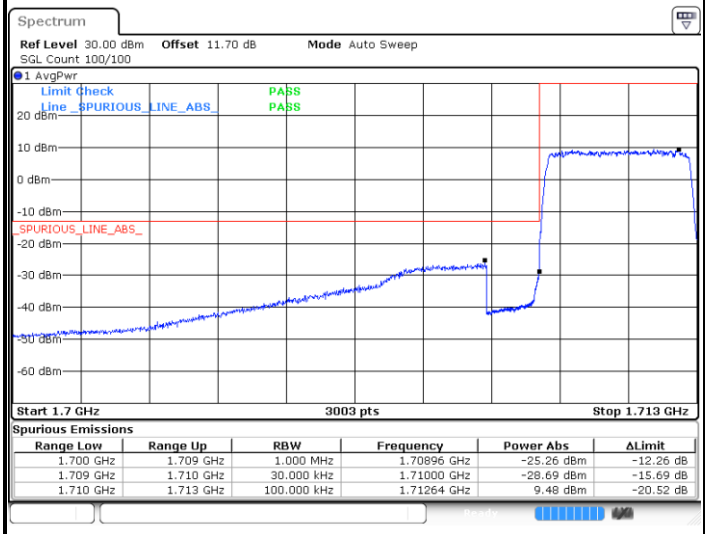


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77976 GHz	21.02 dBm	-8.98 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-17.48 dBm	-4.48 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-32.28 dBm	-19.28 dB

Date: 7.JAN.2018 11:51:55

Lowest Band Edge / Full RB

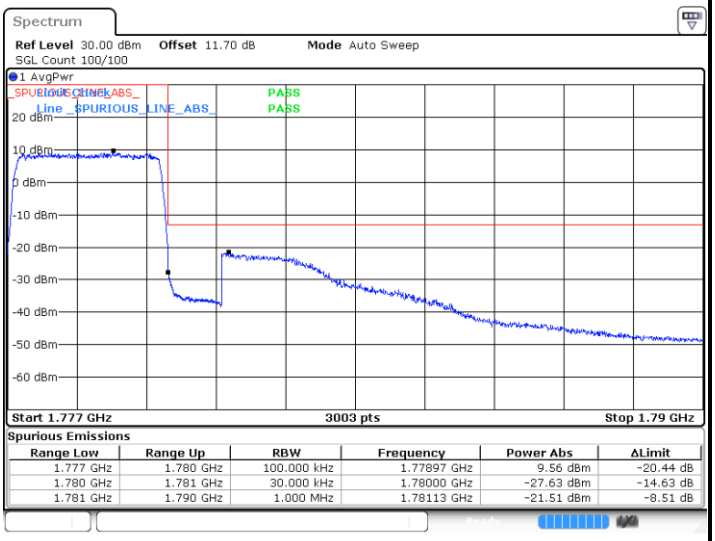


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-25.26 dBm	-12.26 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-28.69 dBm	-15.69 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71264 GHz	9.48 dBm	-20.52 dB

Date: 7.JAN.2018 11:44:39

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77897 GHz	9.56 dBm	-20.44 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-27.63 dBm	-14.63 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78113 GHz	-21.51 dBm	-8.51 dB

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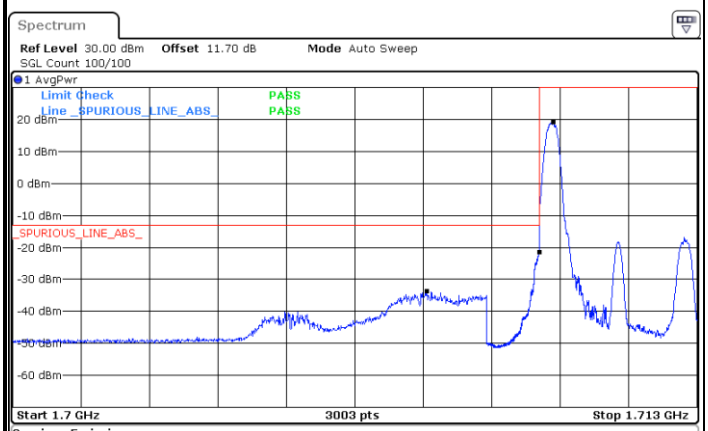
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

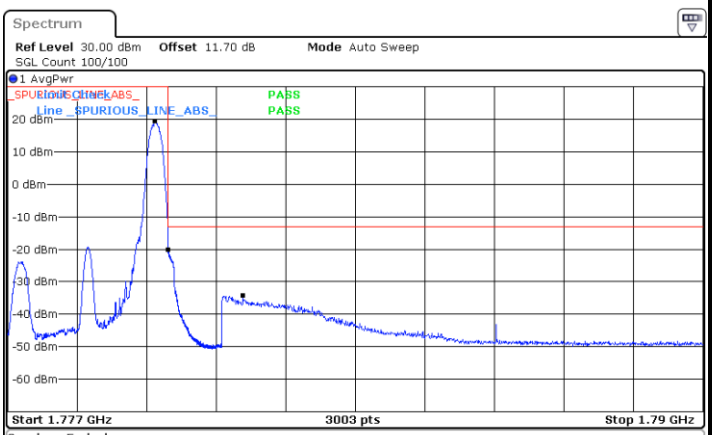


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70786 GHz	-33.69 dBm	-20.69 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-21.47 dBm	-8.47 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71026 GHz	19.22 dBm	-10.78 dB

Date: 7.JAN.2018 11:43:30

Highest Band Edge /1 RB

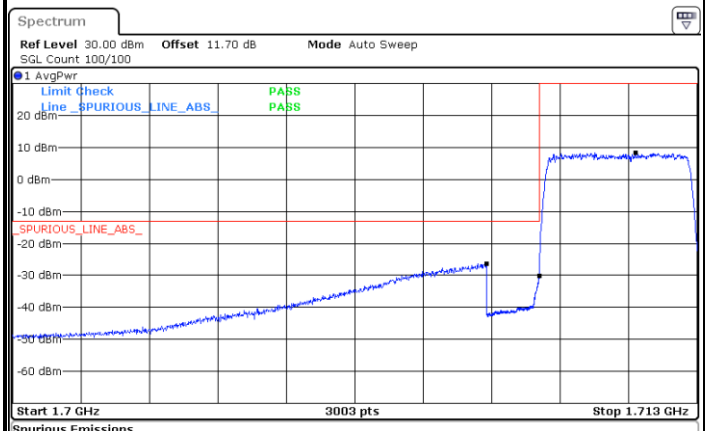


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77975 GHz	19.52 dBm	-10.48 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-20.11 dBm	-7.11 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78140 GHz	-34.25 dBm	-21.25 dB

Date: 7.JAN.2018 11:53:04

Lowest Band Edge / Full RB

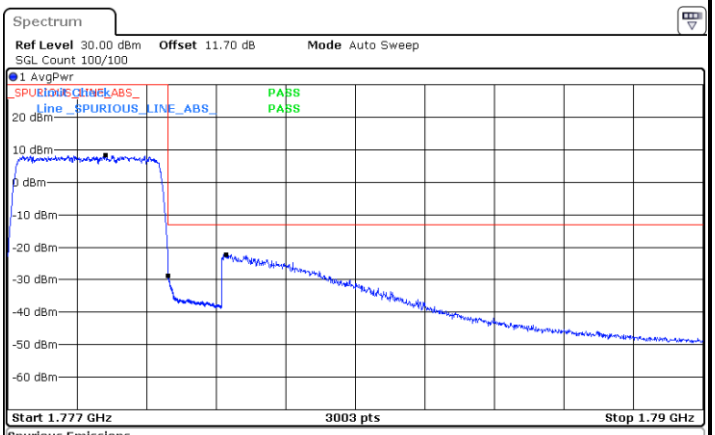


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-26.34 dBm	-13.34 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-30.10 dBm	-17.10 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71182 GHz	8.44 dBm	-21.56 dB

Date: 7.JAN.2018 11:45:48

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.777 GHz	1.780 GHz	100.000 kHz	1.77882 GHz	8.34 dBm	-21.66 dB
1.780 GHz	1.781 GHz	30.000 kHz	1.78000 GHz	-28.69 dBm	-15.69 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-22.17 dBm	-9.17 dB

Date: 7.JAN.2018 11:55:21