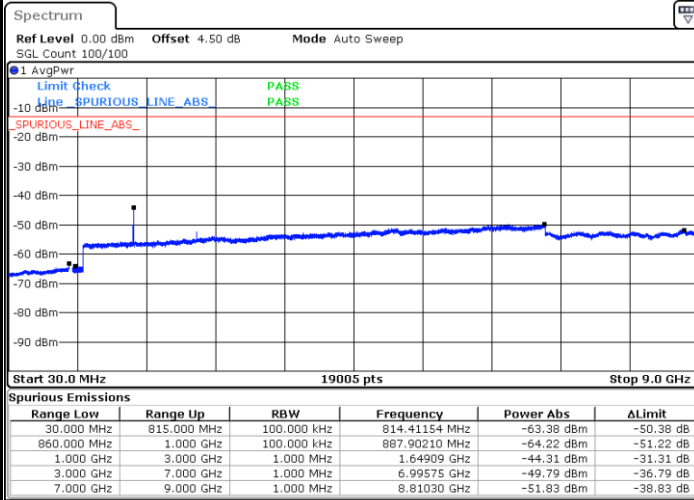




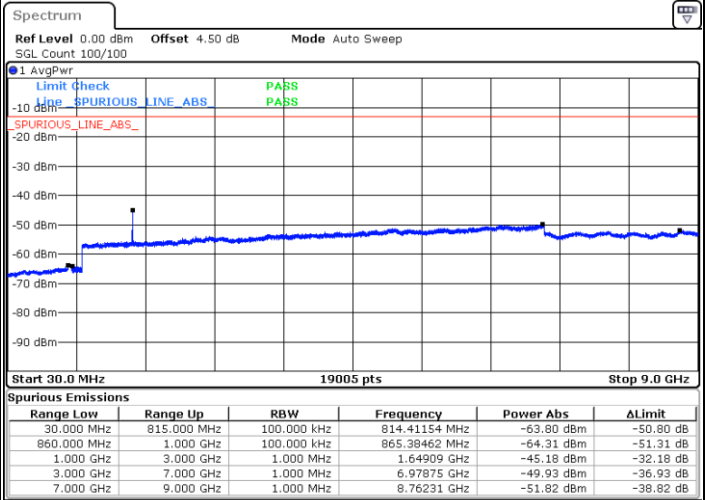
LTE Band 26 / 5MHz

Lowest Channel / QPSK



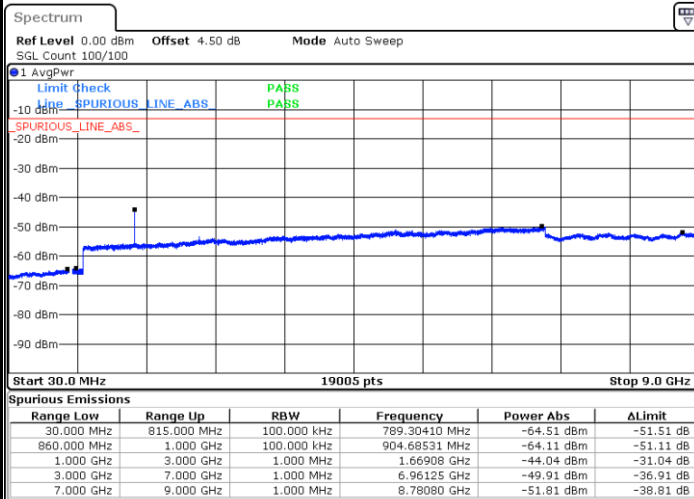
Date: 27 NOV 2020 22:41:12

Lowest Channel / 16QAM



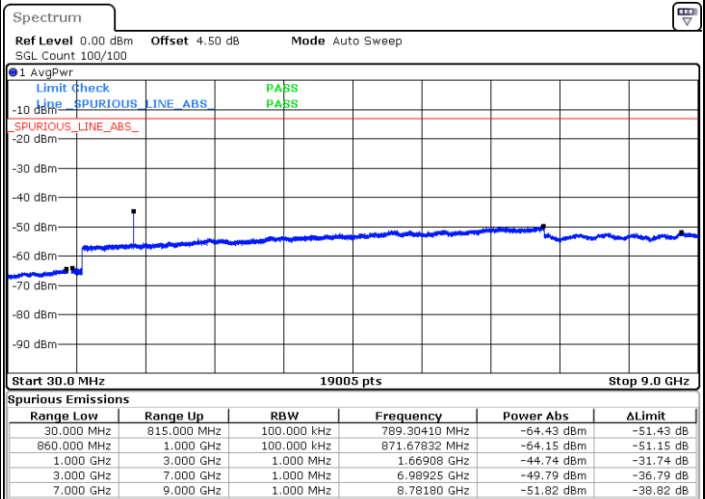
Date: 27 NOV 2020 22:39:25

Middle Channel / QPSK



Date: 27 NOV 2020 22:32:36

Middle Channel / 16QAM

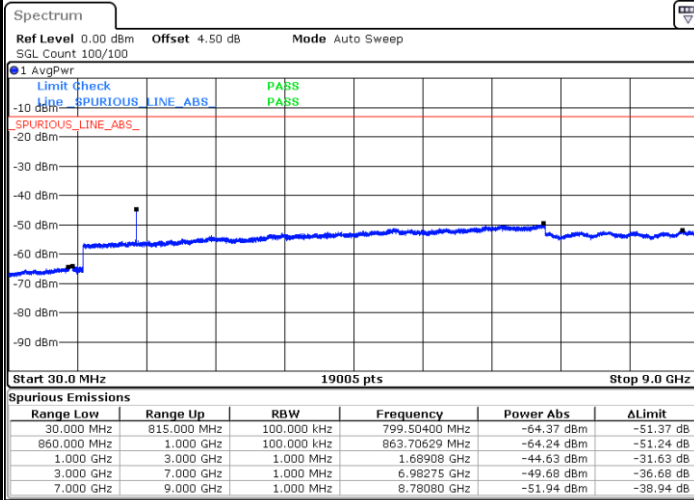


Date: 27 NOV 2020 22:35:33



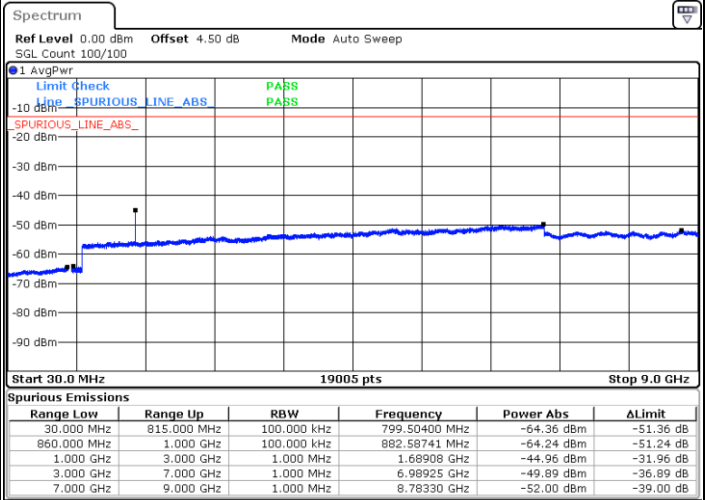
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 27 NOV 2020 22:31:39

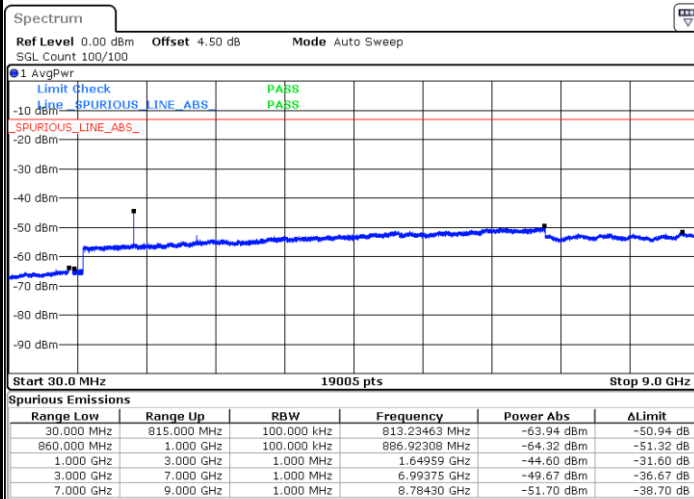
Highest Channel / 16QAM



Date: 27 NOV 2020 22:30:58

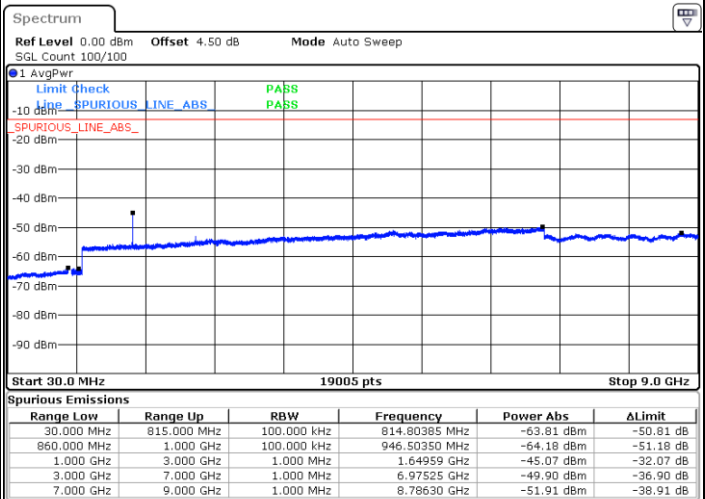
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 28 NOV 2020 00:45:51

Lowest Channel / 16QAM

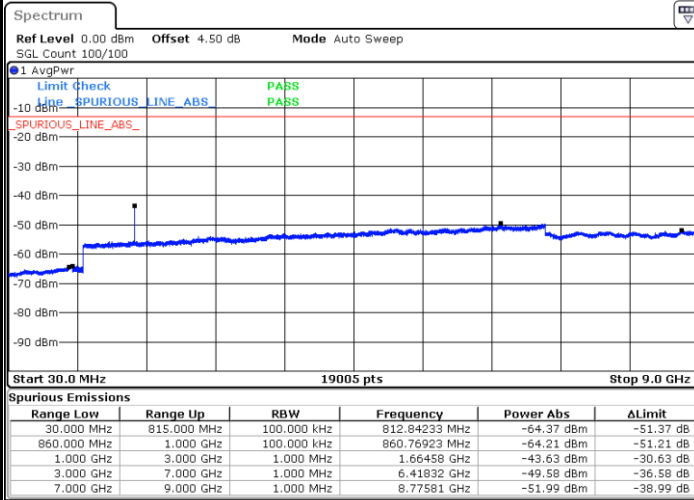


Date: 28 NOV 2020 00:42:46



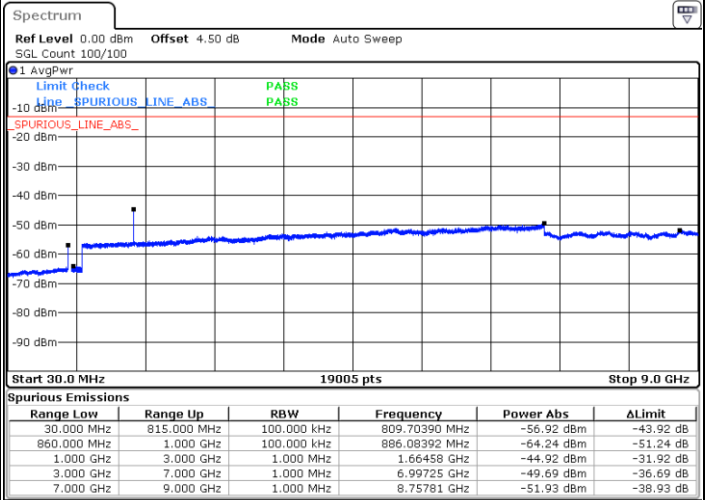
LTE Band 26 / 10MHz

Middle Channel / QPSK



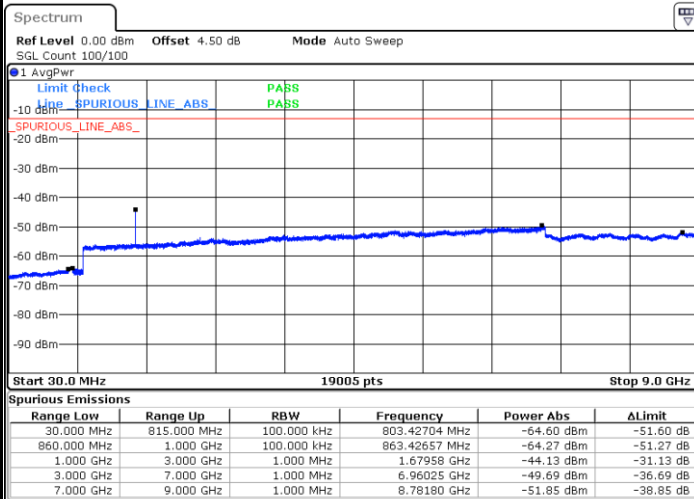
Date: 28 NOV 2020 00:49:58

Middle Channel / 16QAM



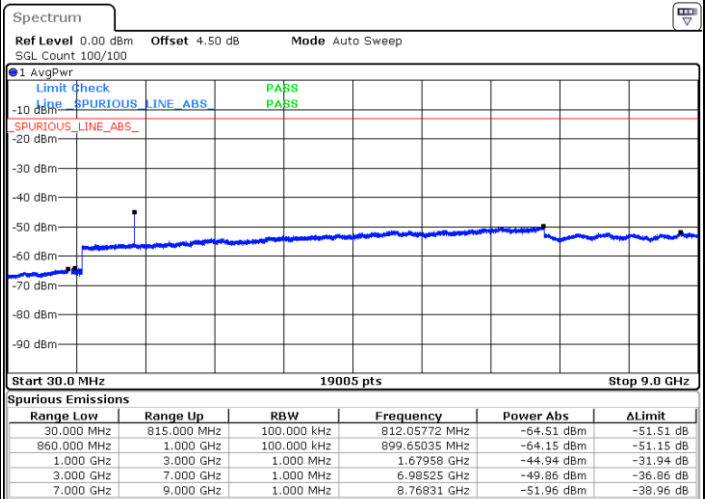
Date: 28 NOV 2020 00:53:07

Highest Channel / QPSK



Date: 28 NOV 2020 01:04:20

Highest Channel / 16QAM

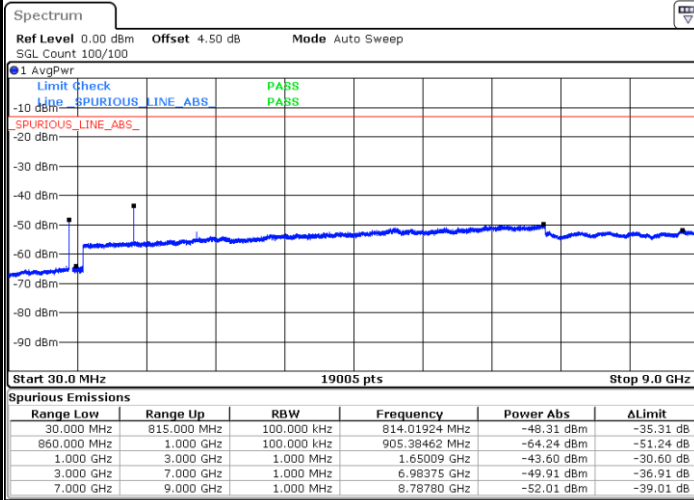


Date: 28 NOV 2020 00:58:18



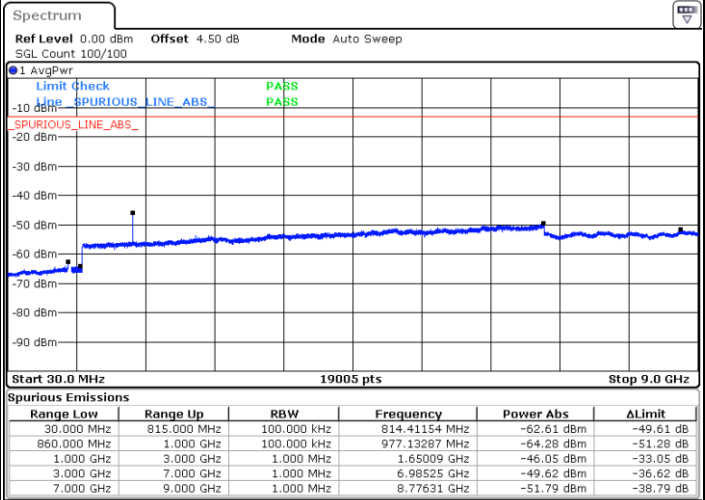
LTE Band 26 / 15MHz

Lowest Channel / QPSK



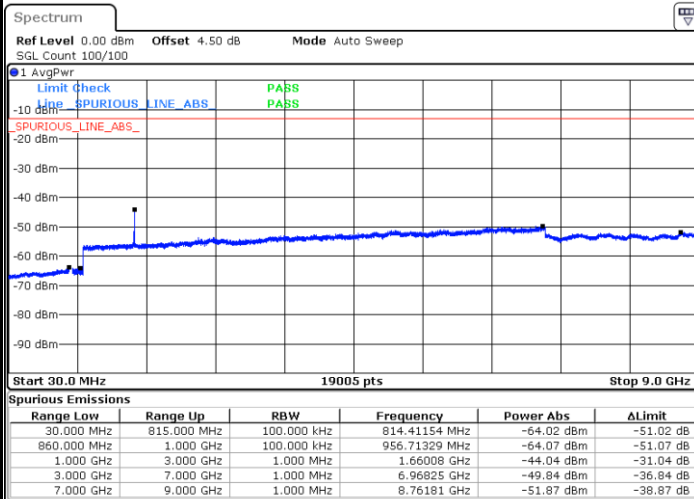
Date: 28 NOV 2020 01:21:13

Lowest Channel / 16QAM



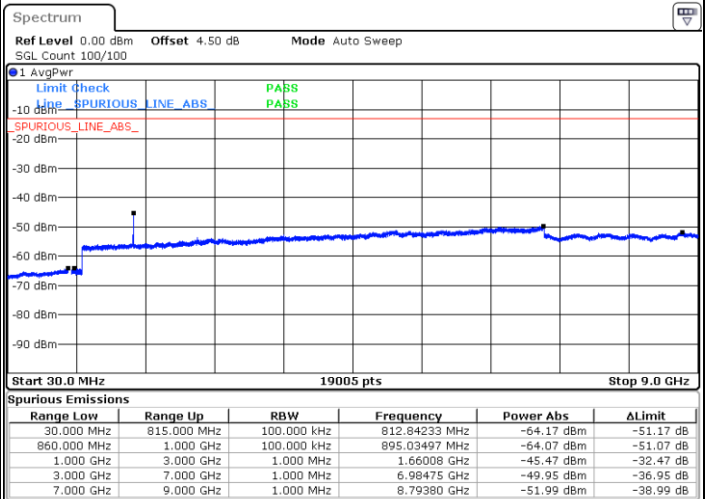
Date: 28 NOV 2020 01:19:31

Middle Channel / QPSK



Date: 28 NOV 2020 01:23:51

Middle Channel / 16QAM

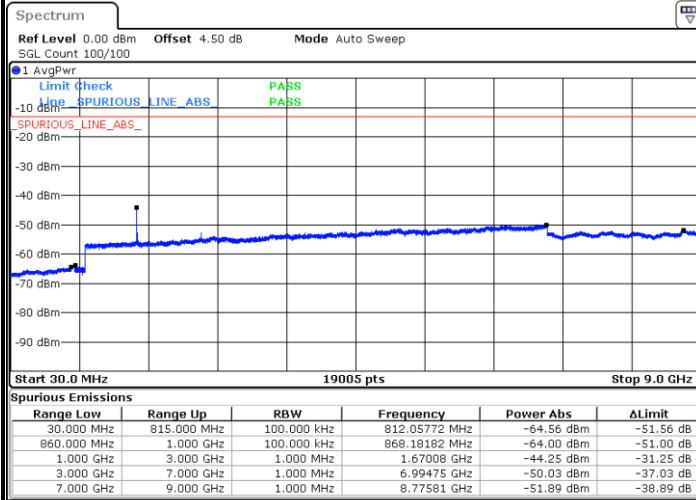


Date: 28 NOV 2020 01:23:07



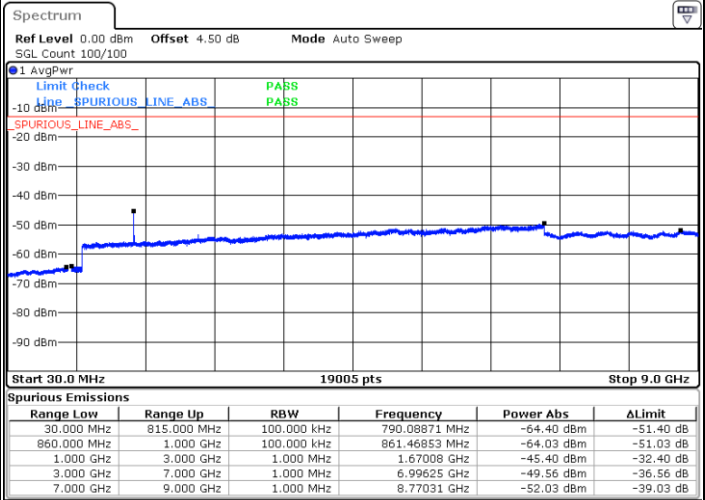
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 28 NOV 2020 01:28:16

Highest Channel / 16QAM



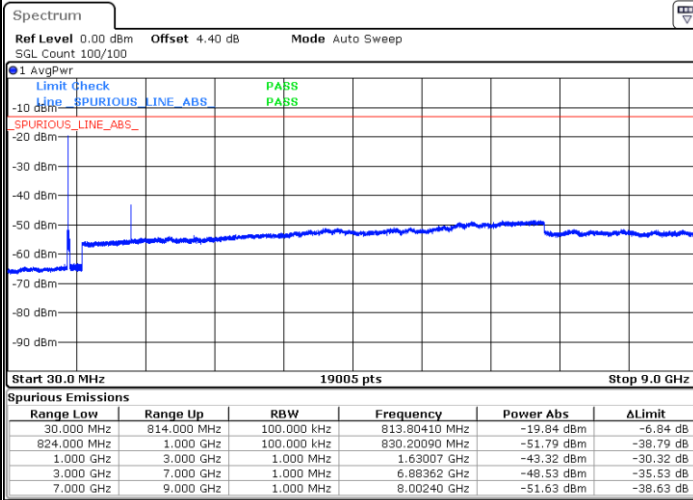
Date: 28 NOV 2020 01:27:36



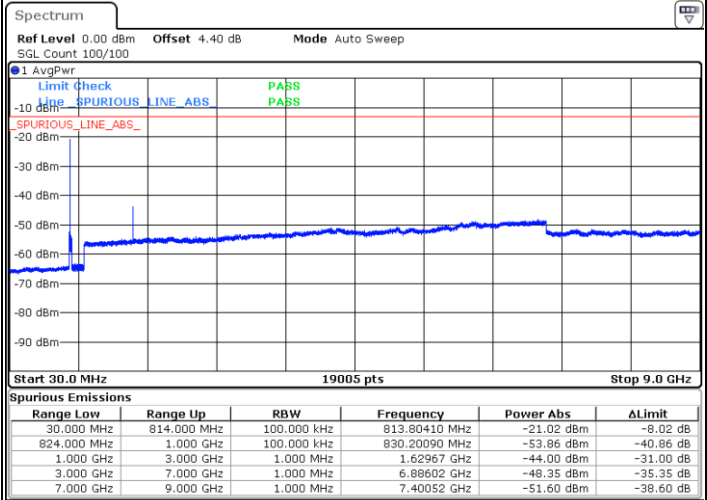
LTE Band 26 / 15MHz

CH26765 / QPSK

CH26765 / 16QAM



Date: 15.DEC.2020 23:06:34



Date: 15.DEC.2020 23:08:56

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0086	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0081	

Note: Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.



LTE Band 66

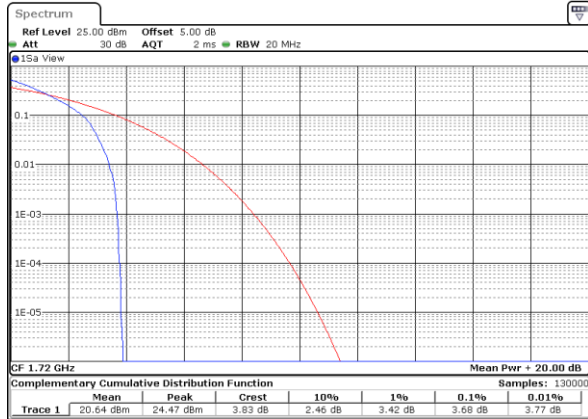
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	4.67	4.67	5.68	PASS
Middle CH	3.30	4.61	4.03	5.54	
Highest CH	4.58	4.75	5.59	5.68	

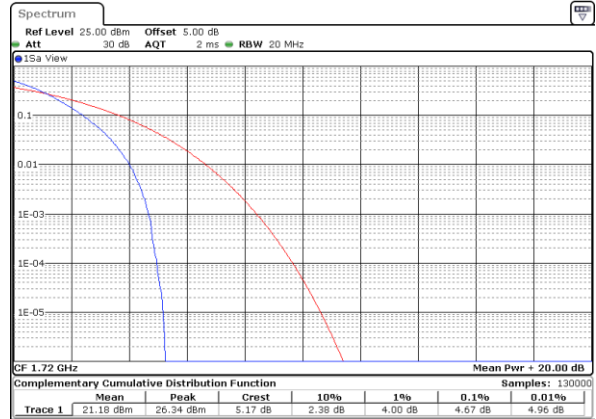


LTE Band 66 / 20MHz / QPSK

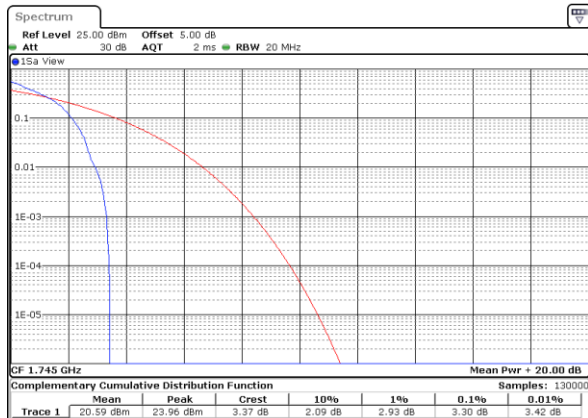
Lowest Channel / 1RB



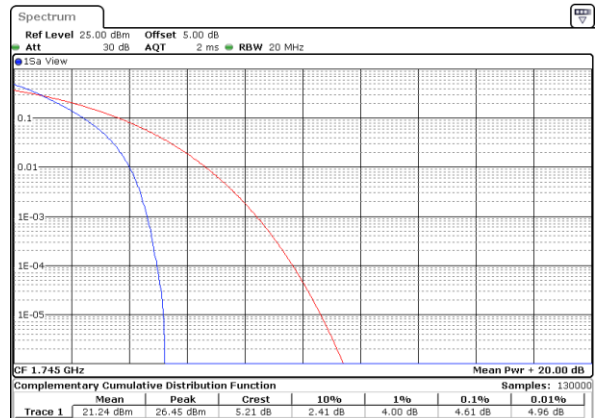
Lowest Channel / Full RB



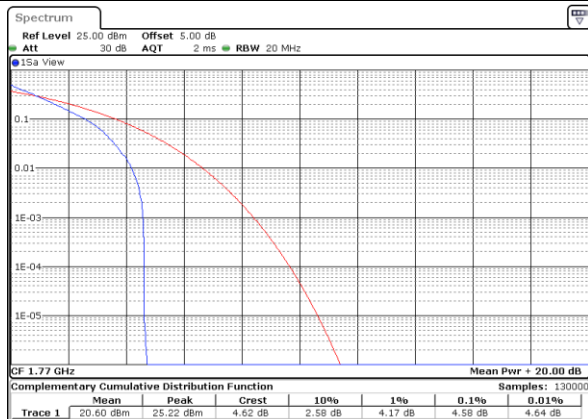
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



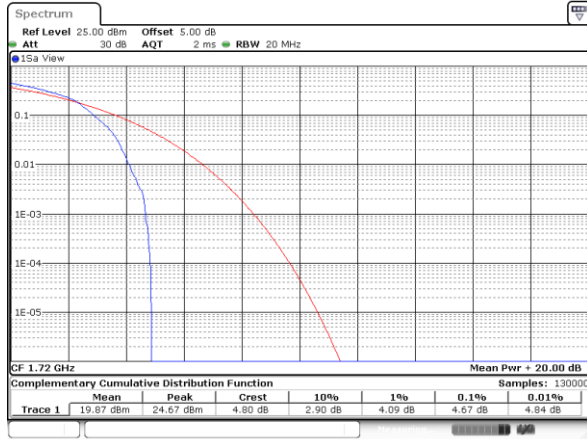
Highest Channel / Full RB



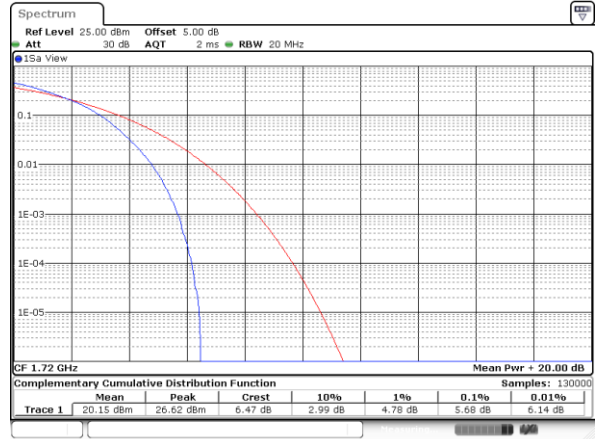


LTE Band 66 / 20MHz / 16QAM

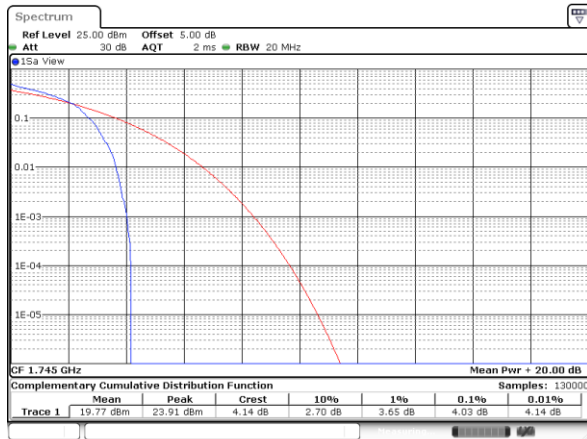
Lowest Channel / 1RB



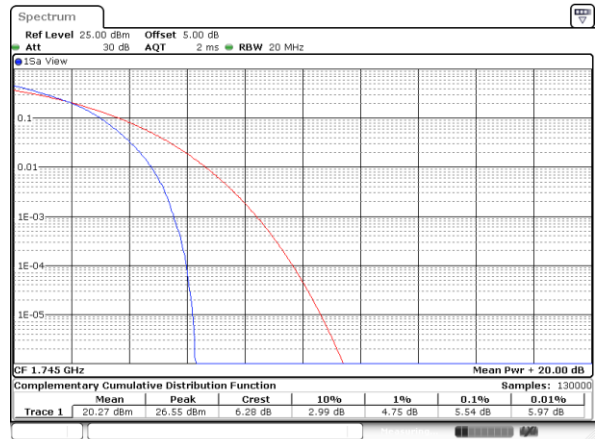
Lowest Channel / Full RB



Middle Channel / 1RB



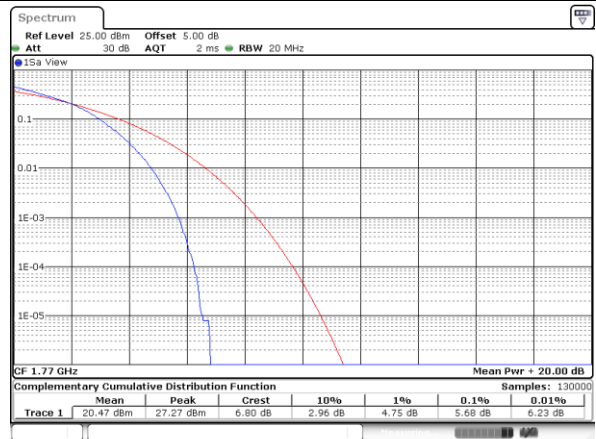
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



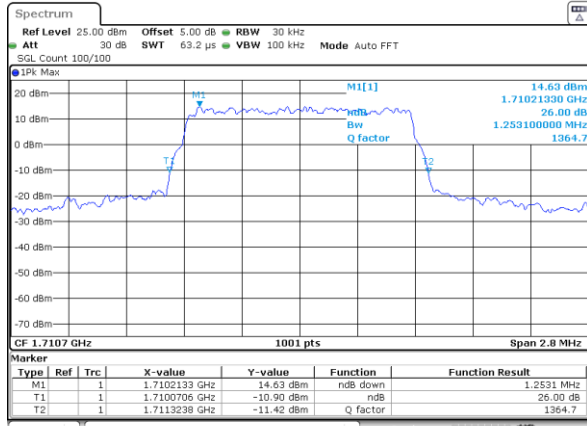
**26dB Bandwidth**

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	1.253	1.256	3.021	3.033	4.905	4.905	10.03	10.01	15.465	14.925	20.500	20.579
Middle CH	1.242	1.245	2.979	3.003	4.985	4.925	9.93	9.99	14.625	14.625	20.899	20.220
Highest CH	1.250	1.250	3.027	3.039	4.855	4.925	9.87	9.89	14.416	14.476	20.180	20.420



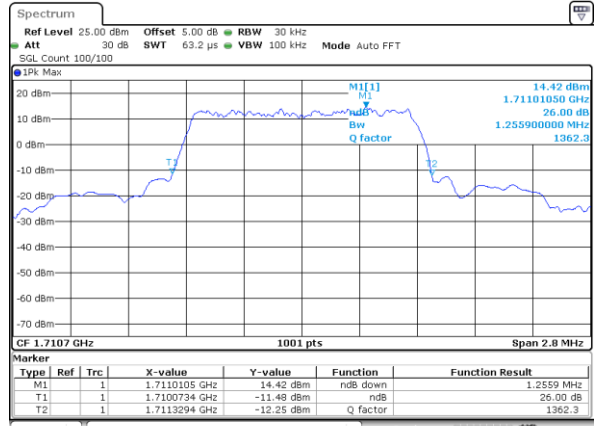
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



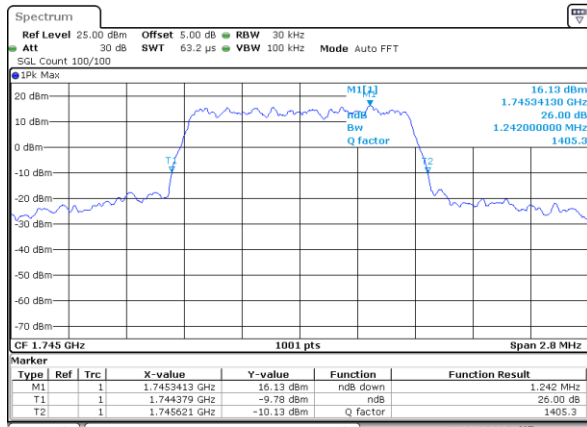
Date: 27.NOV.2020 10:19:41

Lowest Channel / 1.4MHz / 16QAM



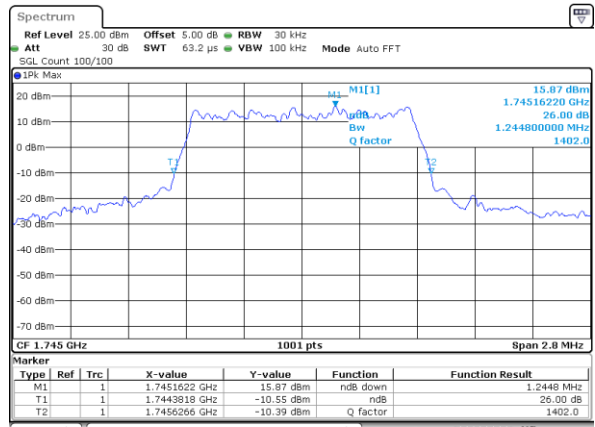
Date: 27.NOV.2020 10:21:06

Middle Channel / 1.4MHz / QPSK



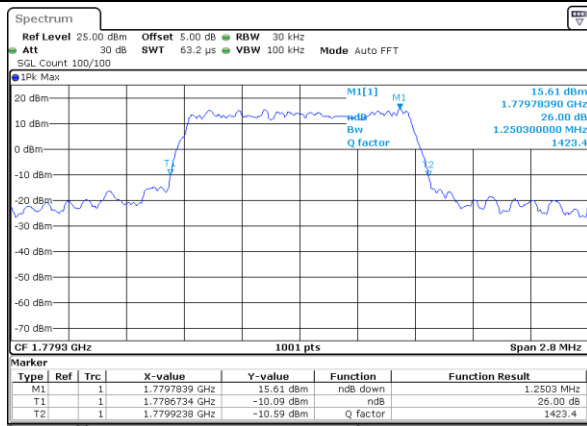
Date: 27.NOV.2020 10:25:25

Middle Channel / 1.4MHz / 16QAM



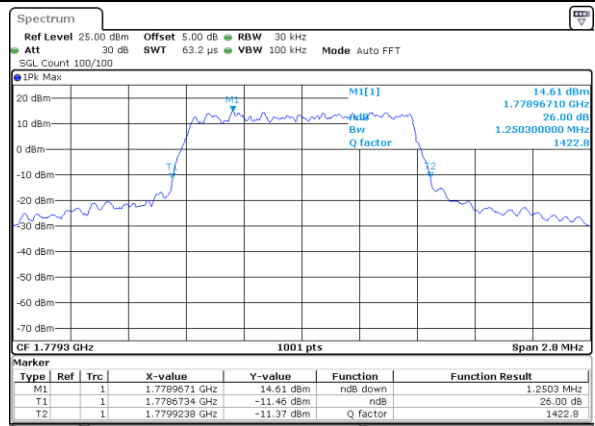
Date: 27.NOV.2020 10:29:04

Highest Channel / 1.4MHz / QPSK



Date: 27.NOV.2020 10:29:53

Highest Channel / 1.4MHz / 16QAM

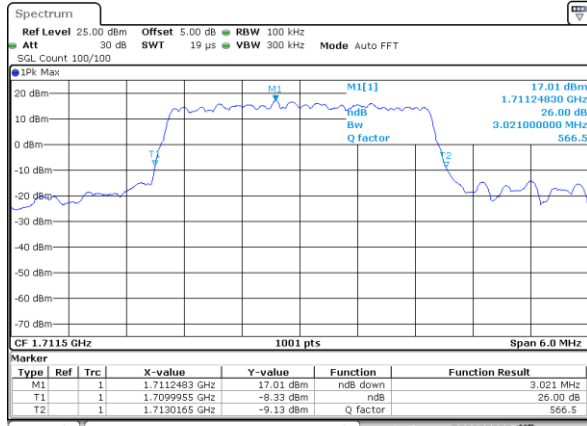


Date: 27.NOV.2020 10:31:17



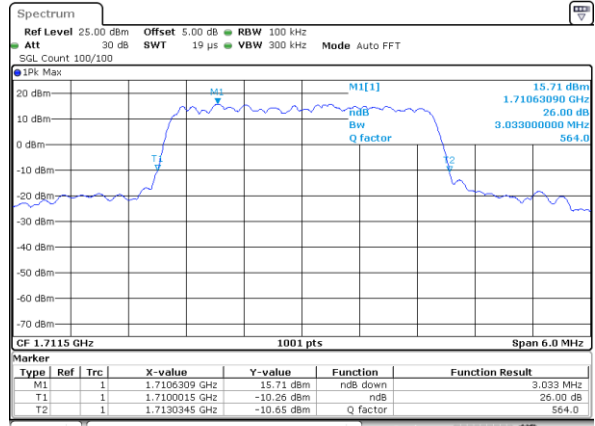
LTE Band 66

Lowest Channel / 3MHz / QPSK



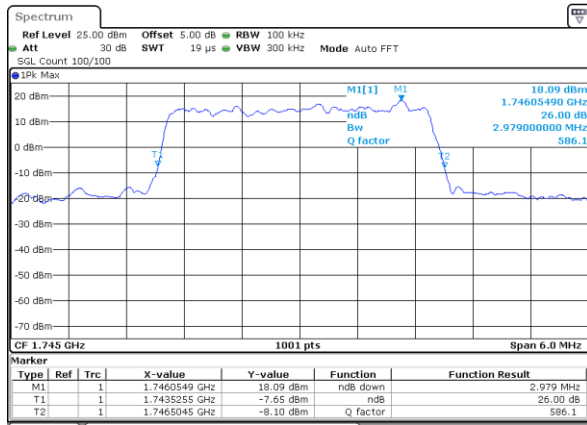
Date: 27.NOV.2020 10:38:46

Lowest Channel / 3MHz / 16QAM



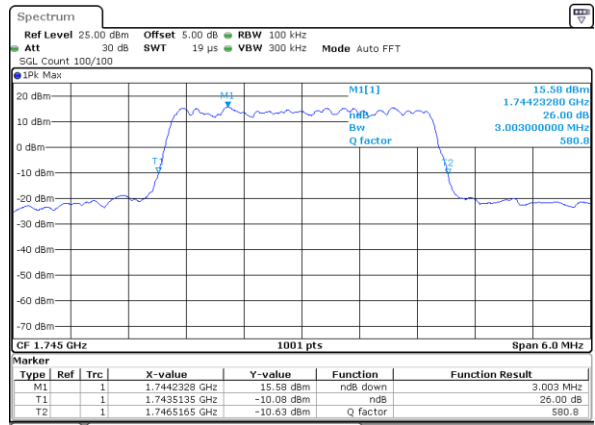
Date: 27.NOV.2020 10:39:37

Middle Channel / 3MHz / QPSK



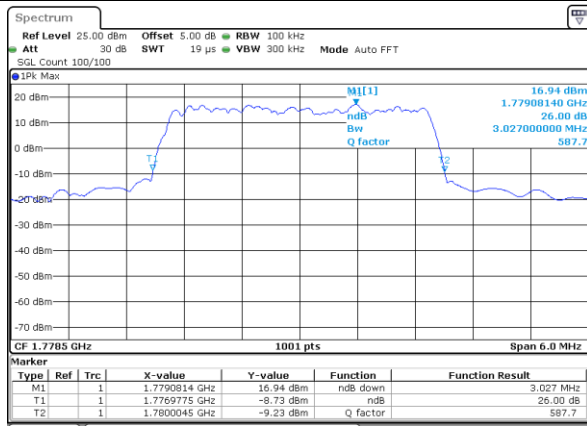
Date: 27.NOV.2020 10:47:28

Middle Channel / 3MHz / 16QAM



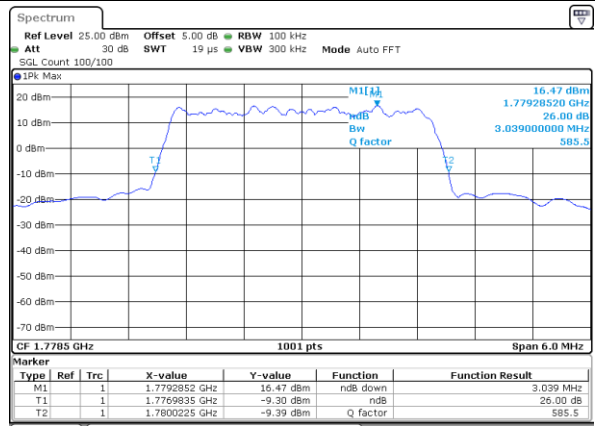
Date: 27.NOV.2020 10:47:06

Highest Channel / 3MHz / QPSK



Date: 27.NOV.2020 10:47:59

Highest Channel / 3MHz / 16QAM

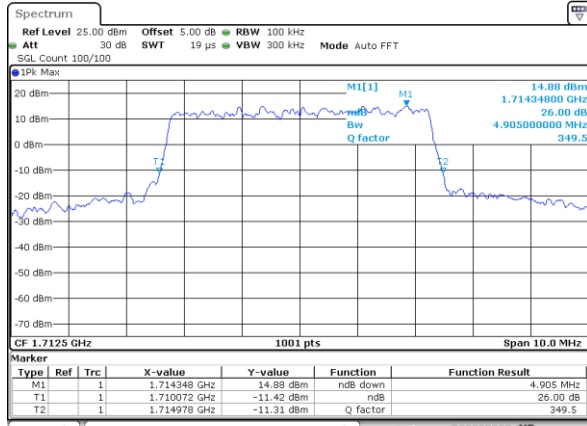


Date: 27.NOV.2020 10:48:54



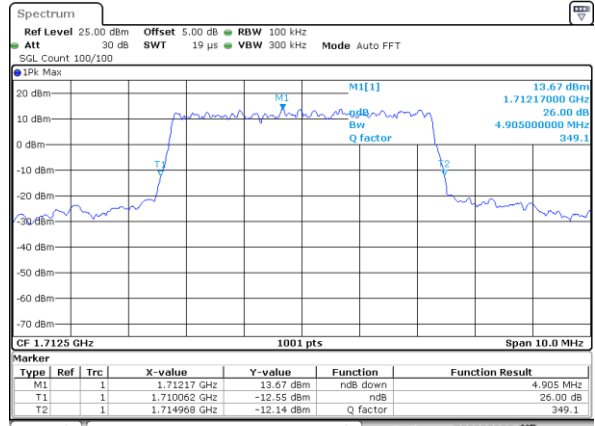
LTE Band 66

Lowest Channel / 5MHz / QPSK



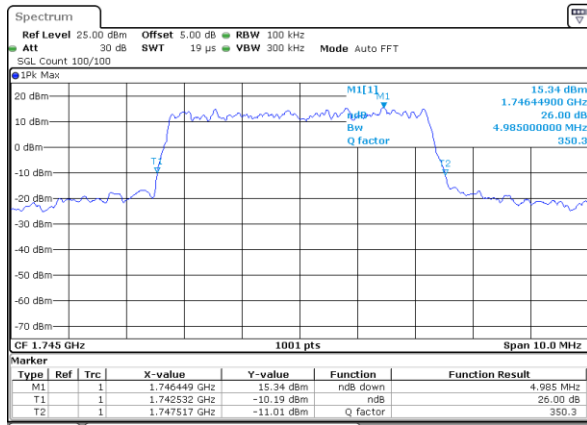
Date: 27.NOV.2020 10:53:24

Lowest Channel / 5MHz / 16QAM



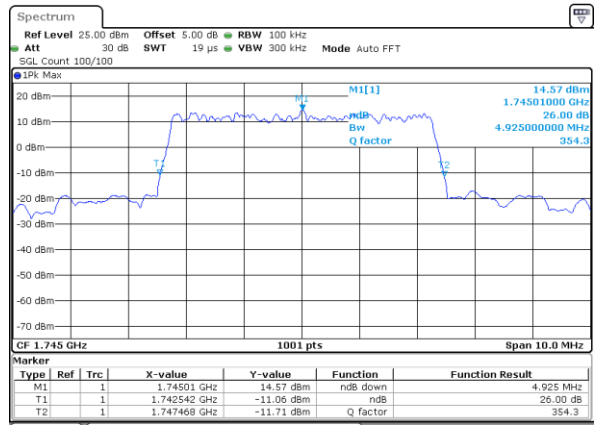
Date: 27.NOV.2020 10:54:07

Middle Channel / 5MHz / QPSK



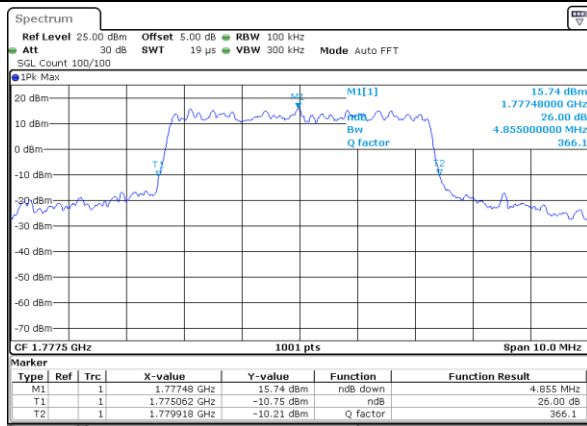
Date: 27.NOV.2020 10:58:56

Middle Channel / 5MHz / 16QAM



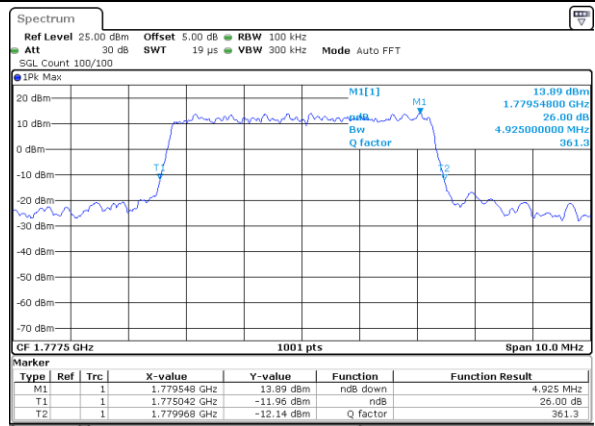
Date: 27.NOV.2020 10:58:35

Highest Channel / 5MHz / QPSK



Date: 27.NOV.2020 12:11:02

Highest Channel / 5MHz / 16QAM

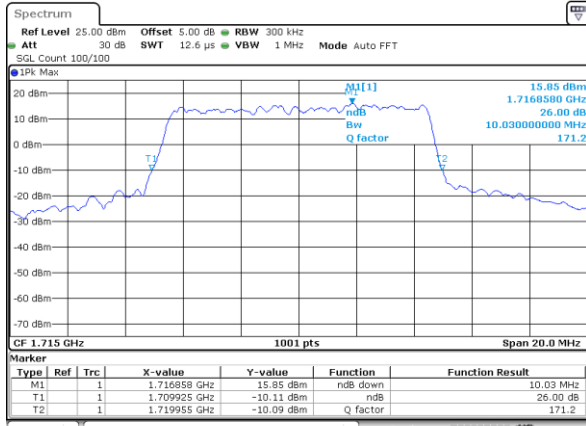


Date: 27.NOV.2020 12:11:43

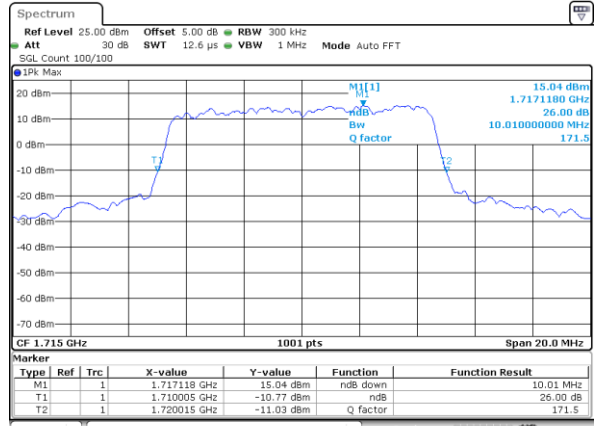


LTE Band 66

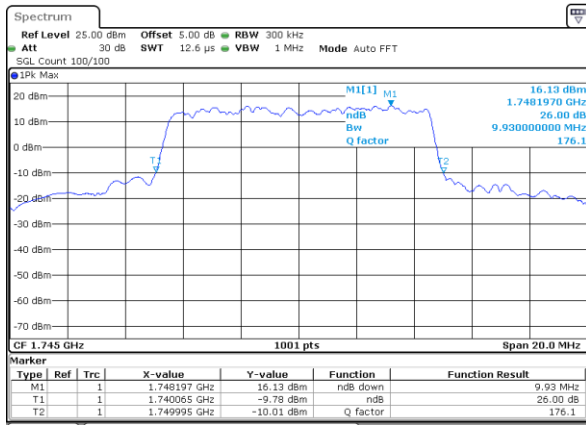
Lowest Channel / 10MHz / QPSK



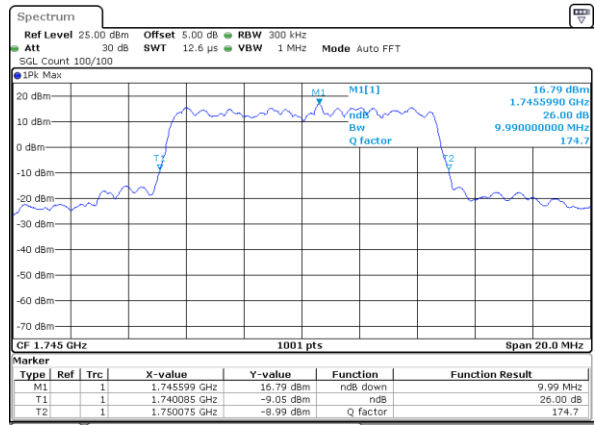
Lowest Channel / 10MHz / 16QAM



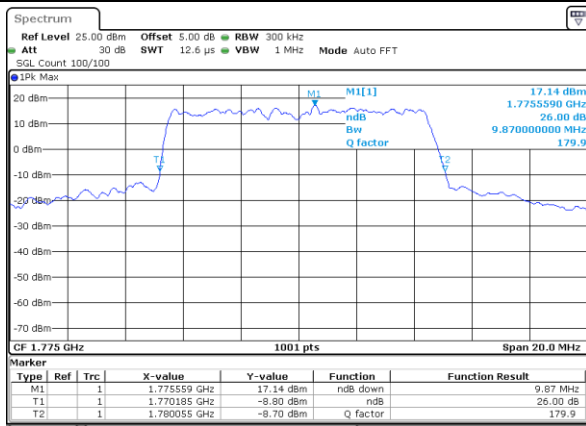
Middle Channel / 10MHz / QPSK



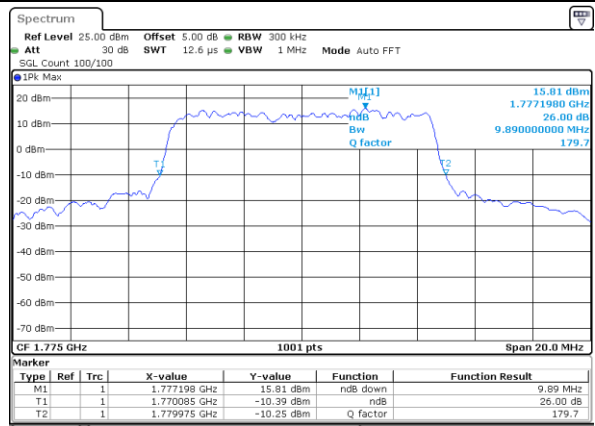
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



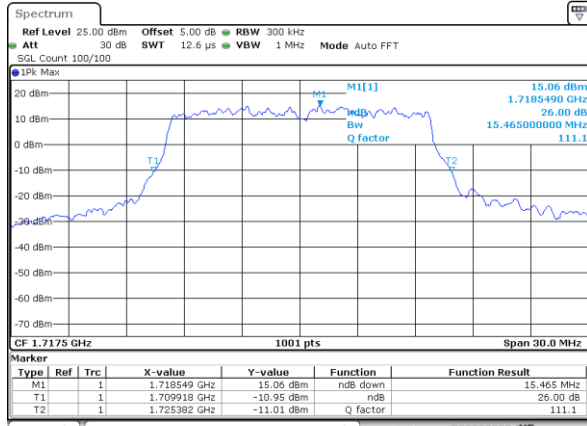
Highest Channel / 10MHz / 16QAM





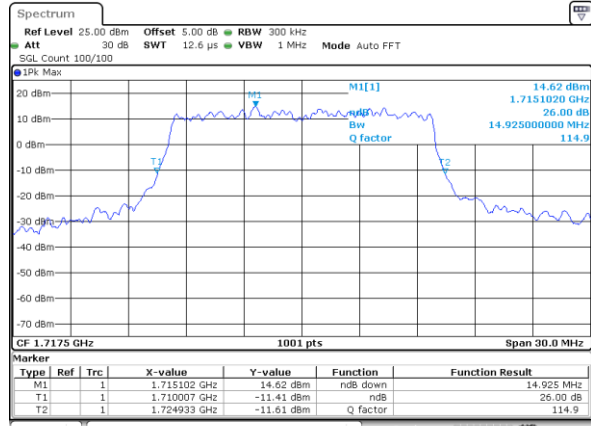
LTE Band 66

Lowest Channel / 15MHz / QPSK



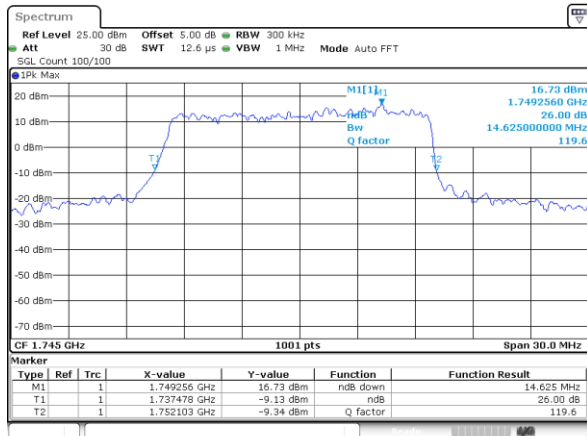
Date: 27.NOV.2020 12:27:09

Lowest Channel / 15MHz / 16QAM



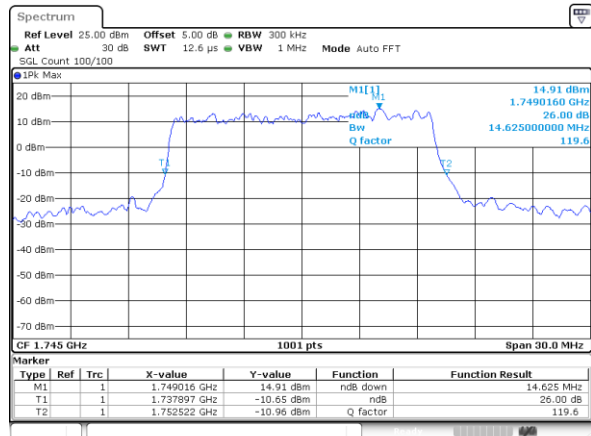
Date: 27.NOV.2020 12:27:45

Middle Channel / 15MHz / QPSK



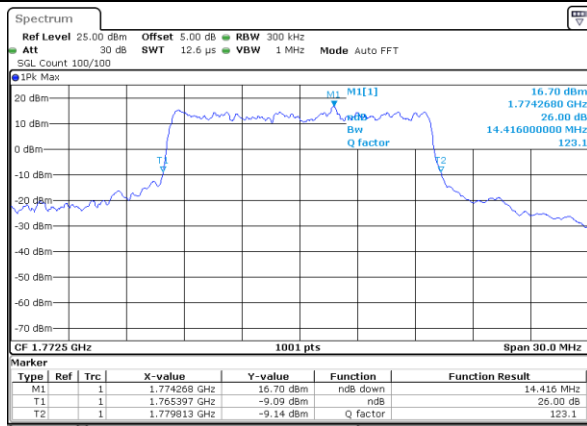
Date: 27.NOV.2020 12:36:22

Middle Channel / 15MHz / 16QAM



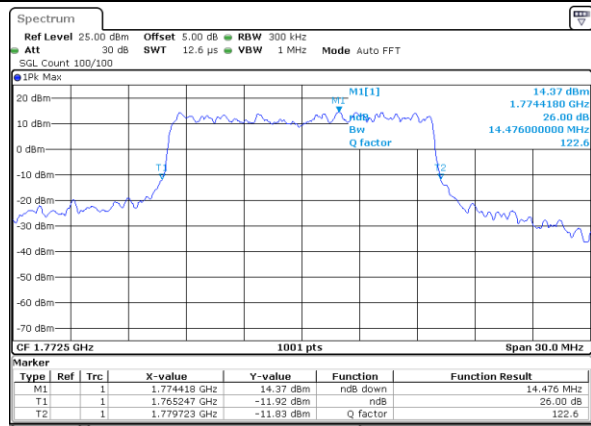
Date: 27.NOV.2020 12:36:44

Highest Channel / 15MHz / QPSK



Date: 27.NOV.2020 12:40:35

Highest Channel / 15MHz / 16QAM

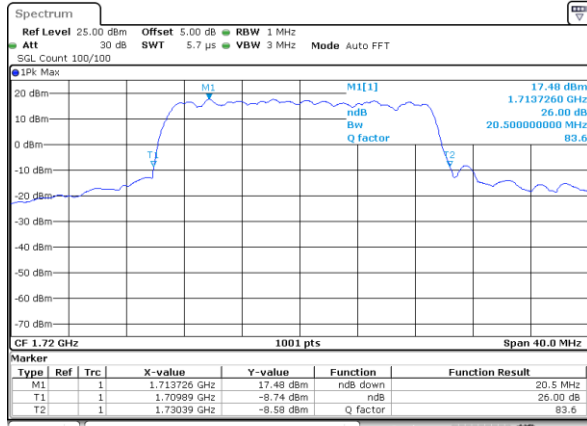


Date: 27.NOV.2020 12:40:03



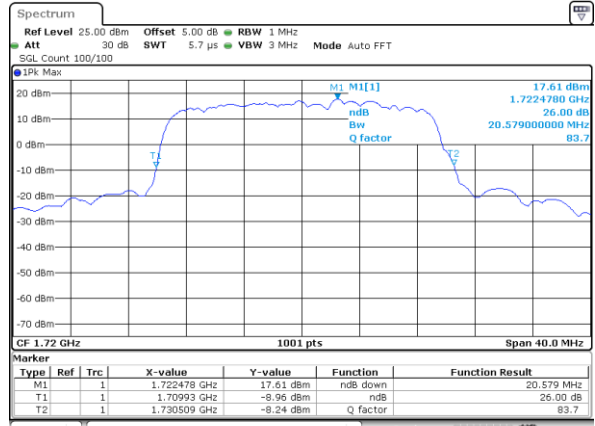
LTE Band 66

Lowest Channel / 20MHz / QPSK



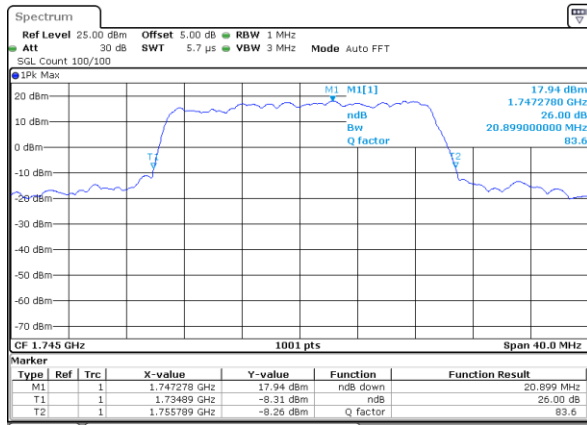
Date: 27,NOV,2020 12:46:05

Lowest Channel / 20MHz / 16QAM



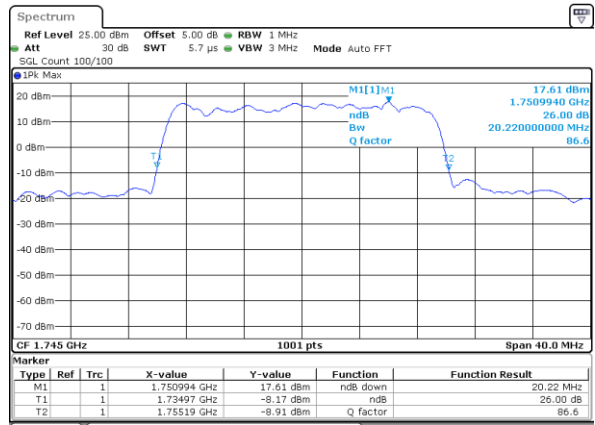
Date: 27,NOV,2020 12:46:47

Middle Channel / 20MHz / QPSK



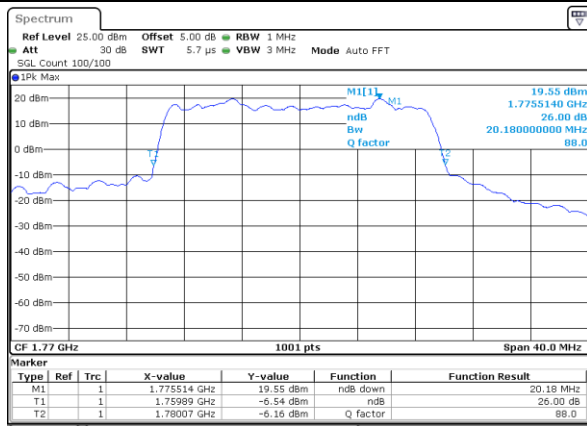
Date: 27,NOV,2020 12:53:05

Middle Channel / 20MHz / 16QAM



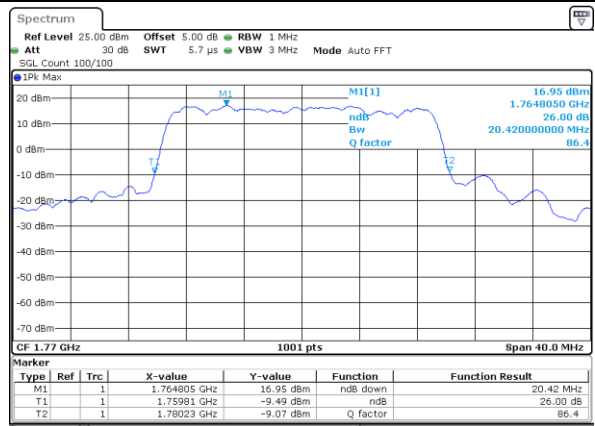
Date: 27,NOV,2020 12:53:02

Highest Channel / 20MHz / QPSK



Date: 27,NOV,2020 12:54:47

Highest Channel / 20MHz / 16QAM



Date: 27,NOV,2020 12:55:28

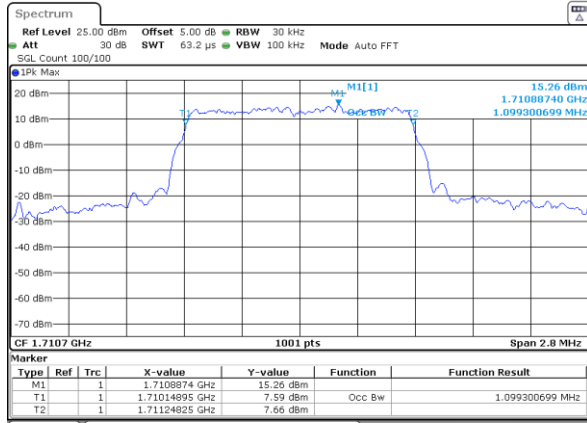
**Occupied Bandwidth**

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	1.10	1.11	2.74	2.75	4.51	4.53	9.05	9.05	13.43	13.40	18.30	18.26
Middle CH	1.10	1.10	2.73	2.72	4.51	4.50	9.09	9.11	13.52	13.52	18.46	18.42
Highest CH	1.10	1.10	2.72	2.72	4.48	4.50	9.09	9.01	13.52	13.52	18.66	18.70

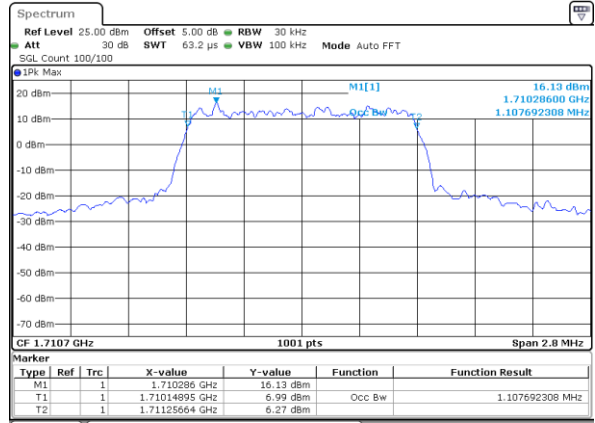


LTE Band 66

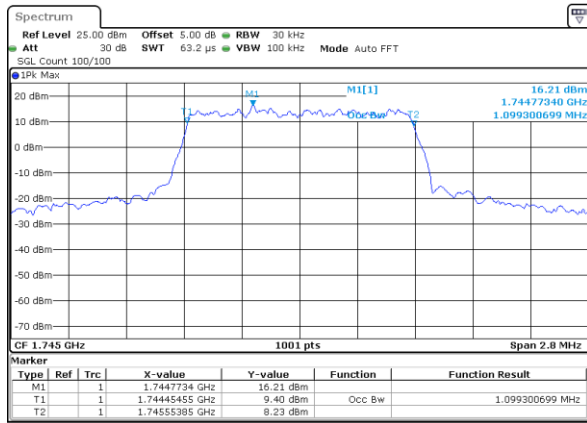
Lowest Channel / 1.4MHz / QPSK



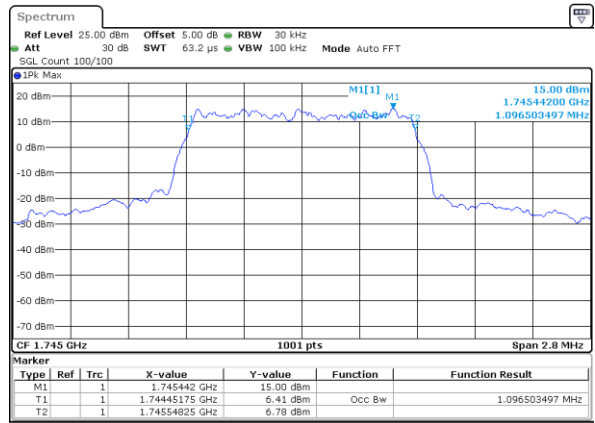
Lowest Channel / 1.4MHz / 16QAM



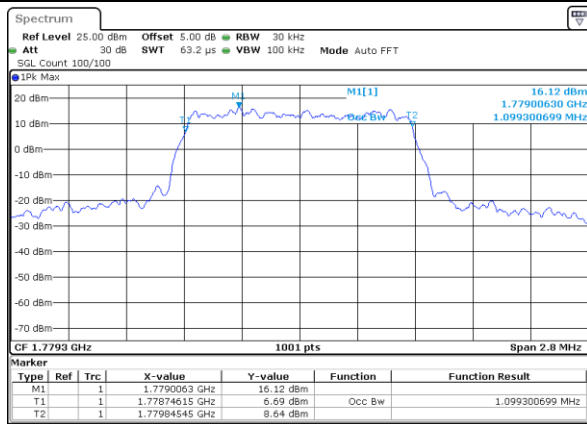
Middle Channel / 1.4MHz / QPSK



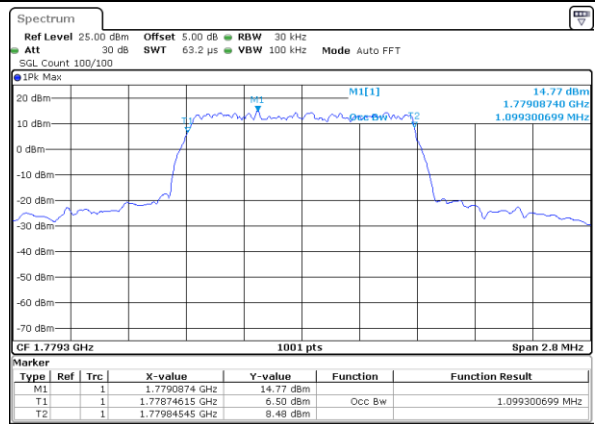
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



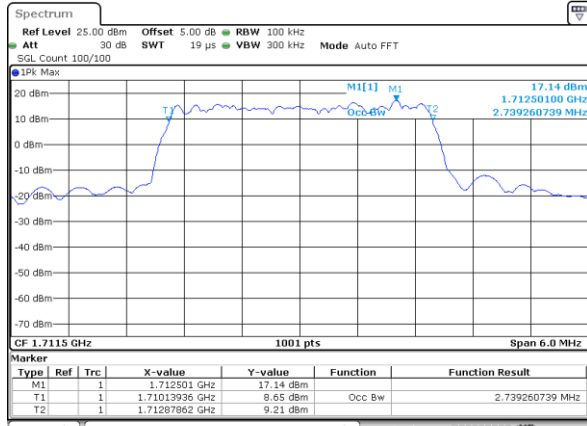
Highest Channel / 1.4MHz / 16QAM





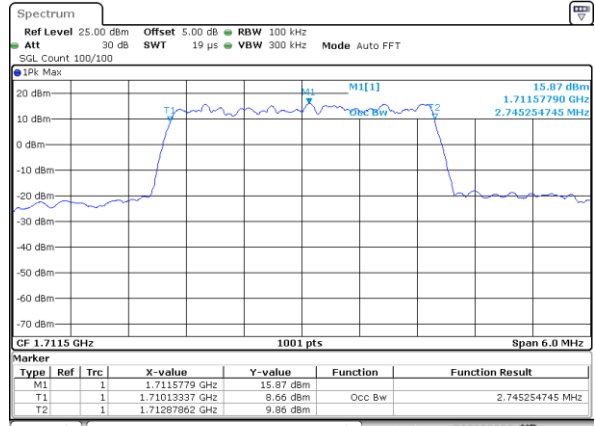
LTE Band 66

Lowest Channel / 3MHz / QPSK



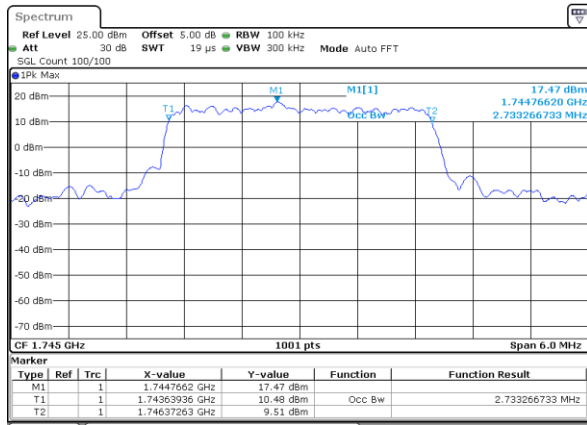
Date: 27.NOV.2020 10:38:39

Lowest Channel / 3MHz / 16QAM



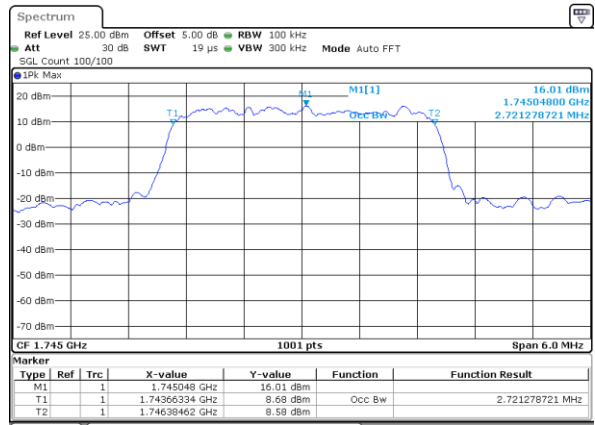
Date: 27.NOV.2020 10:39:30

Middle Channel / 3MHz / QPSK



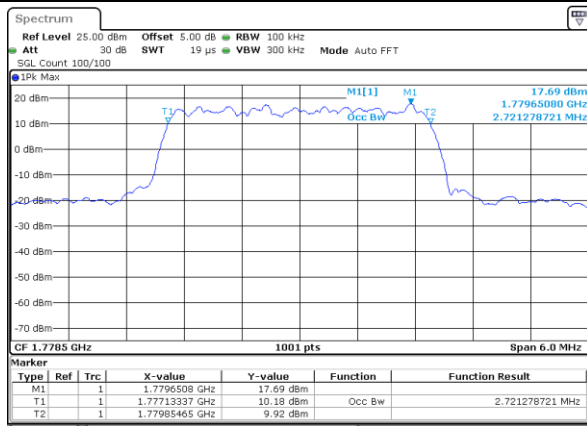
Date: 27.NOV.2020 10:47:20

Middle Channel / 3MHz / 16QAM



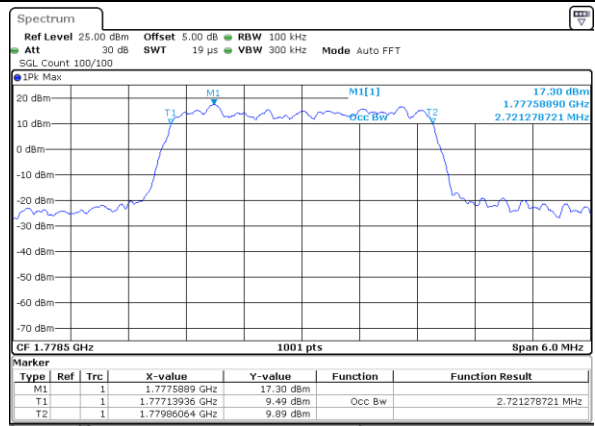
Date: 27.NOV.2020 10:46:59

Highest Channel / 3MHz / QPSK



Date: 27.NOV.2020 10:47:53

Highest Channel / 3MHz / 16QAM

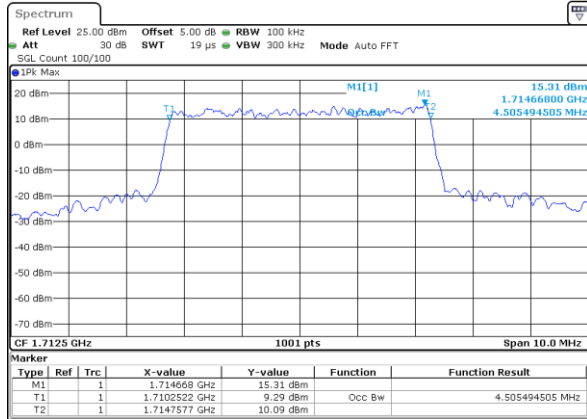


Date: 27.NOV.2020 10:48:46



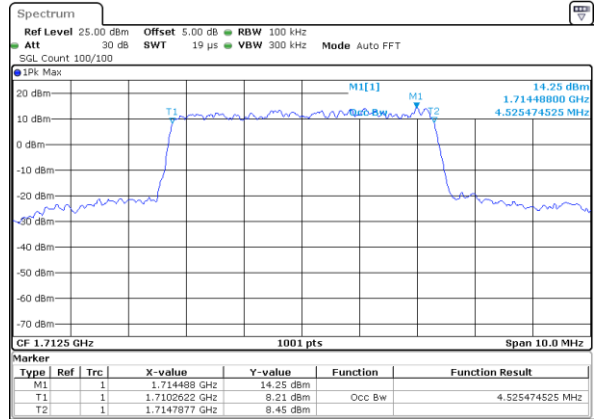
LTE Band 66

Lowest Channel / 5MHz / QPSK



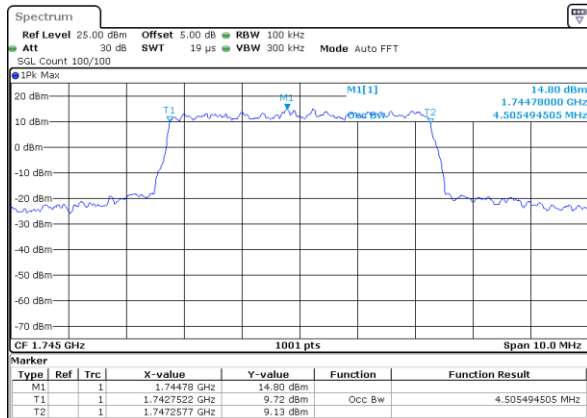
Date: 27.NOV.2020 10:53:17

Lowest Channel / 5MHz / 16QAM



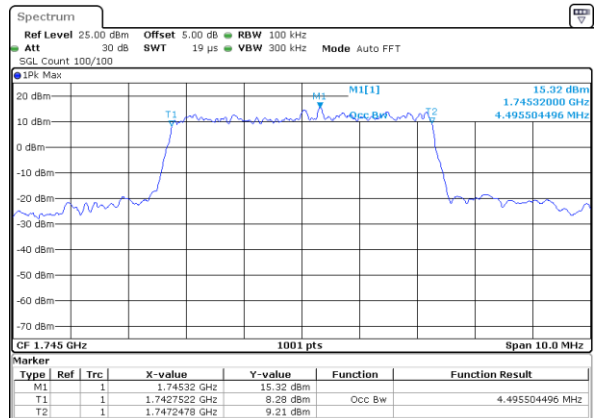
Date: 27.NOV.2020 10:54:01

Middle Channel / 5MHz / QPSK



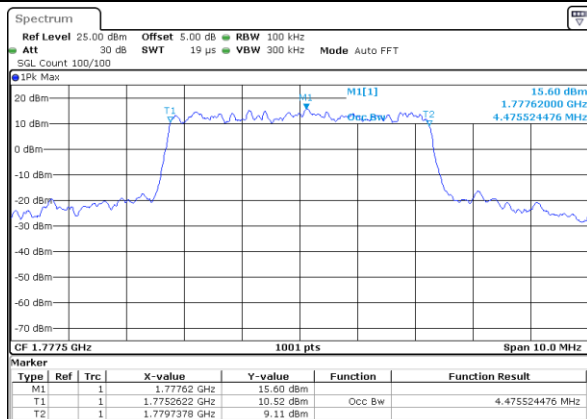
Date: 27.NOV.2020 10:58:48

Middle Channel / 5MHz / 16QAM



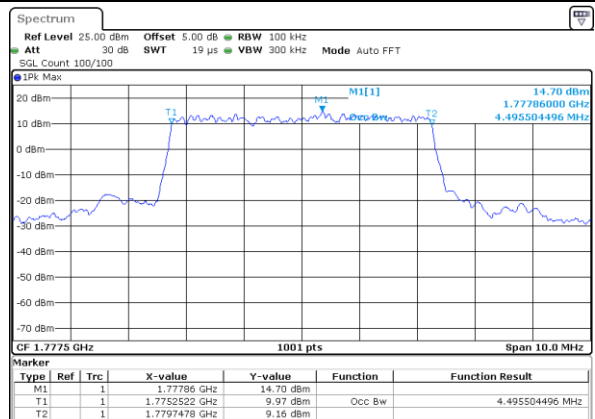
Date: 27.NOV.2020 10:58:27

Highest Channel / 5MHz / QPSK



Date: 27.NOV.2020 12:10:55

Highest Channel / 5MHz / 16QAM

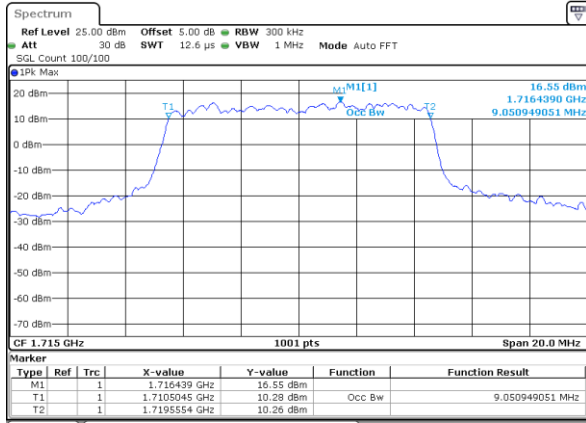


Date: 27.NOV.2020 12:11:36



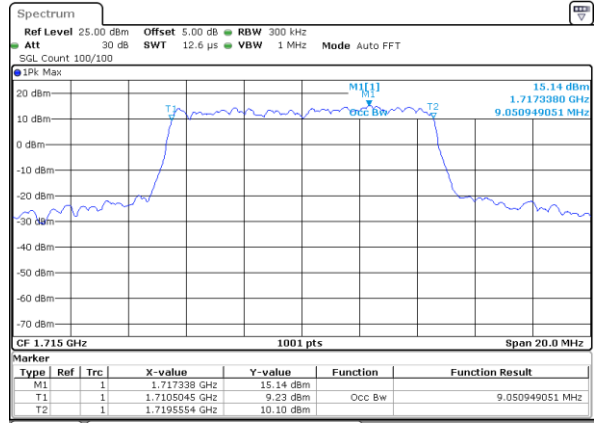
LTE Band 66

Lowest Channel / 10MHz / QPSK



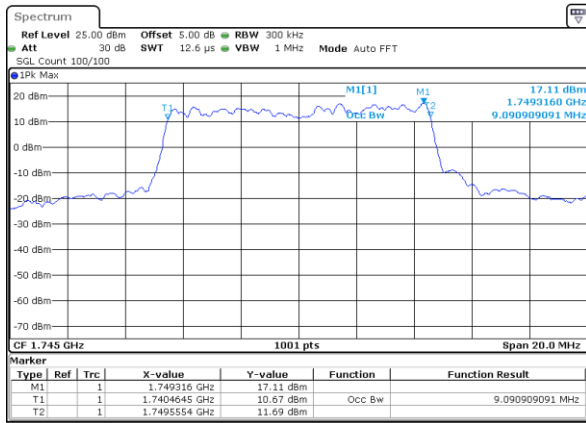
Date: 27.NOV.2020 12:16:08

Lowest Channel / 10MHz / 16QAM



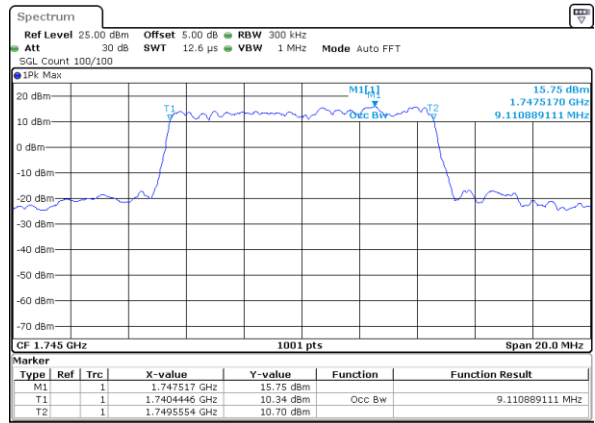
Date: 27.NOV.2020 12:16:47

Middle Channel / 10MHz / QPSK



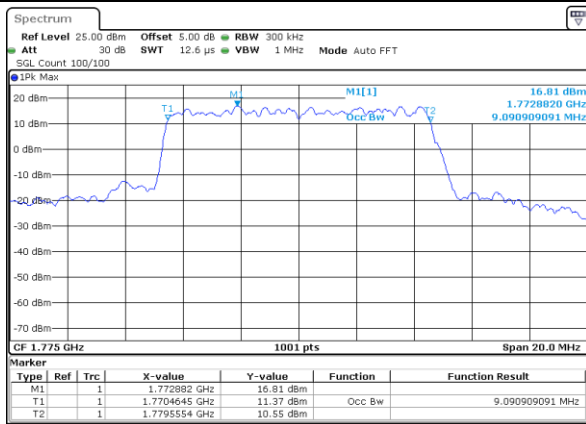
Date: 27.NOV.2020 12:21:32

Middle Channel / 10MHz / 16QAM



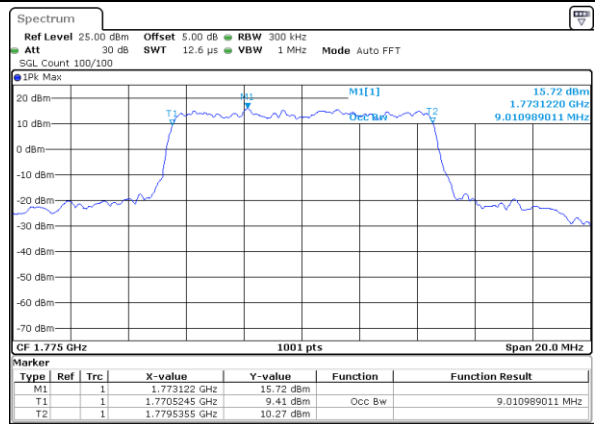
Date: 27.NOV.2020 12:21:10

Highest Channel / 10MHz / QPSK



Date: 27.NOV.2020 12:22:03

Highest Channel / 10MHz / 16QAM

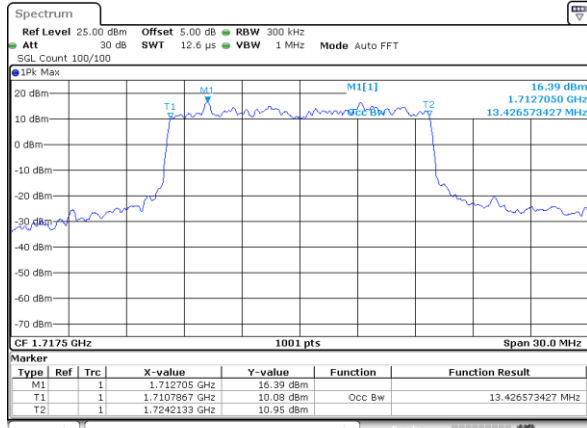


Date: 27.NOV.2020 12:22:38



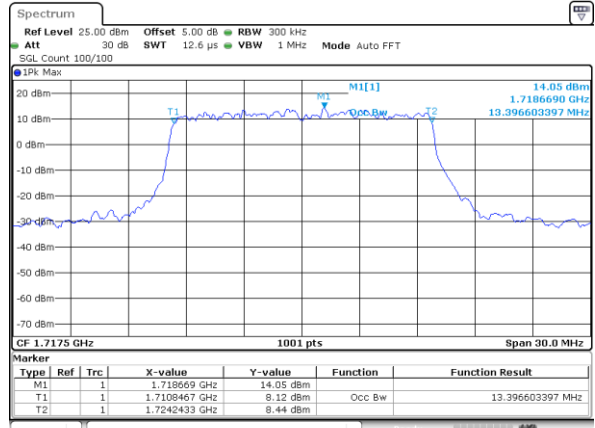
LTE Band 66

Lowest Channel / 15MHz / QPSK



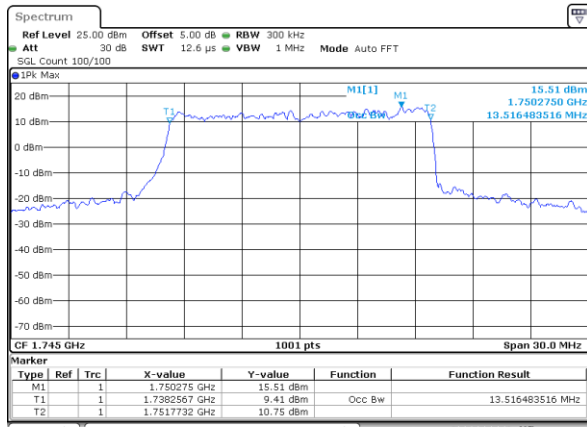
Date: 27.NOV.2020 12:27:02

Lowest Channel / 15MHz / 16QAM



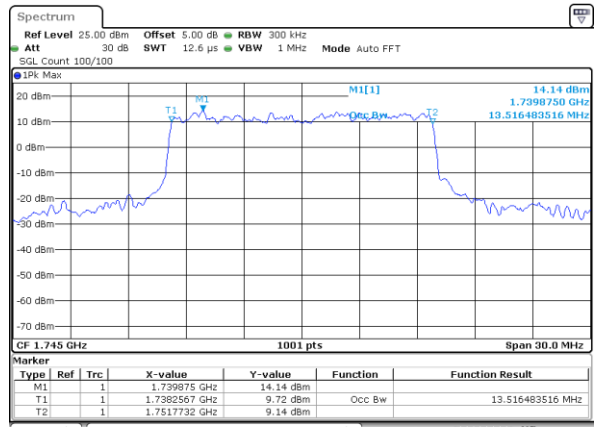
Date: 27.NOV.2020 12:27:138

Middle Channel / 15MHz / QPSK



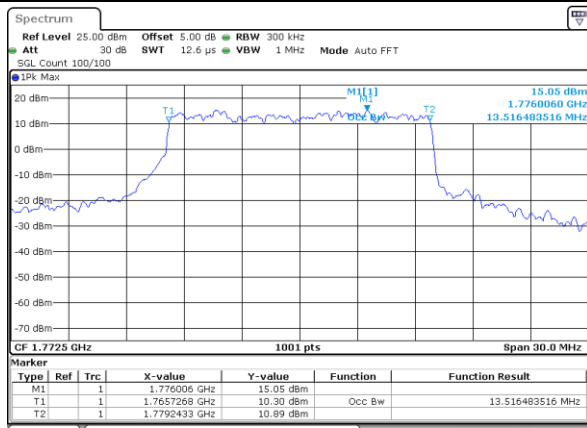
Date: 27.NOV.2020 12:16:16

Middle Channel / 15MHz / 16QAM



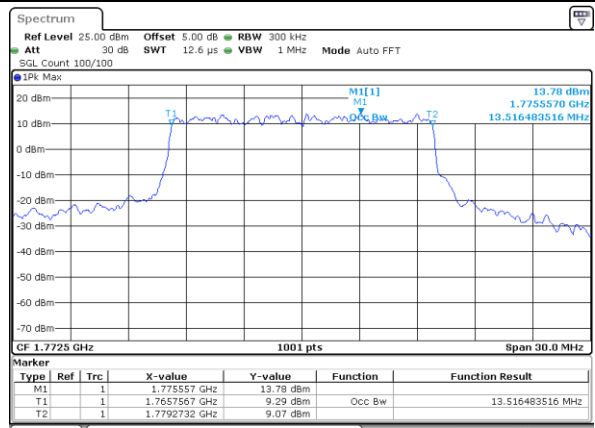
Date: 27.NOV.2020 12:16:136

Highest Channel / 15MHz / QPSK



Date: 27.NOV.2020 12:40:28

Highest Channel / 15MHz / 16QAM

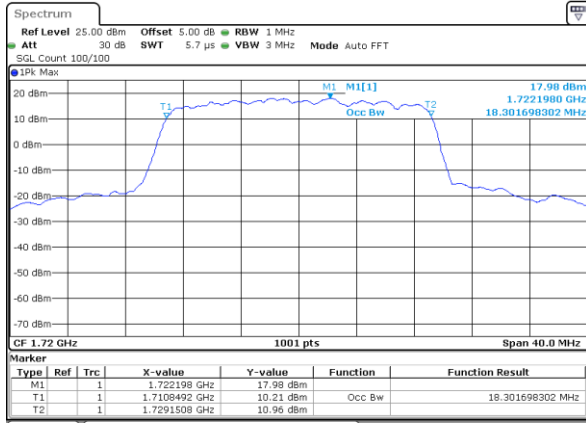


Date: 27.NOV.2020 12:139:56



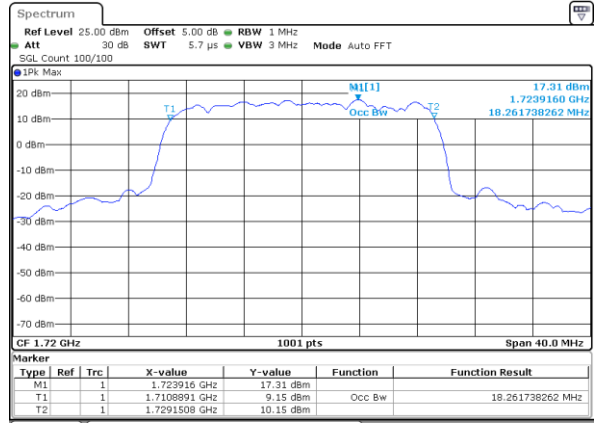
LTE Band 66

Lowest Channel / 20MHz / QPSK



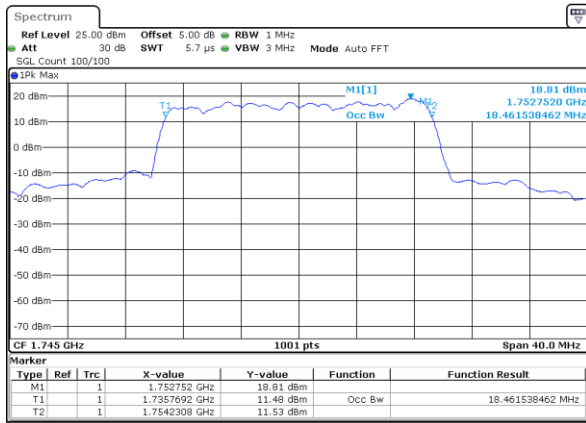
Date: 27.NOV.2020 12:45:58

Lowest Channel / 20MHz / 16QAM



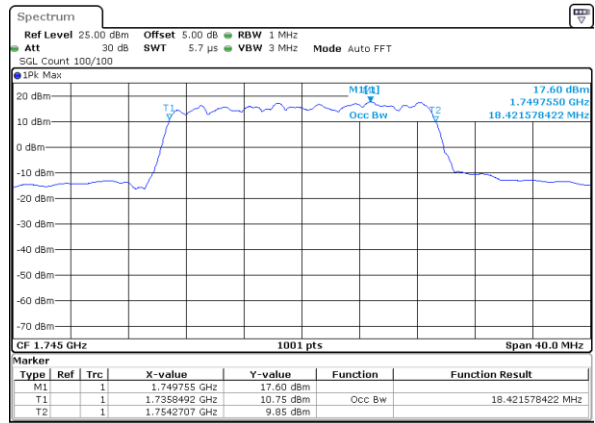
Date: 27.NOV.2020 12:46:10

Middle Channel / 20MHz / QPSK



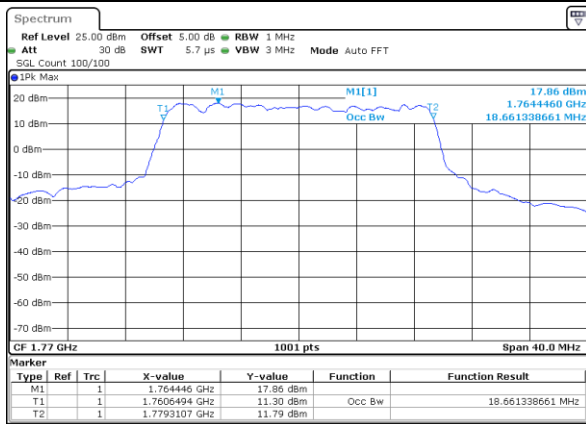
Date: 27.NOV.2020 12:55:26

Middle Channel / 20MHz / 16QAM



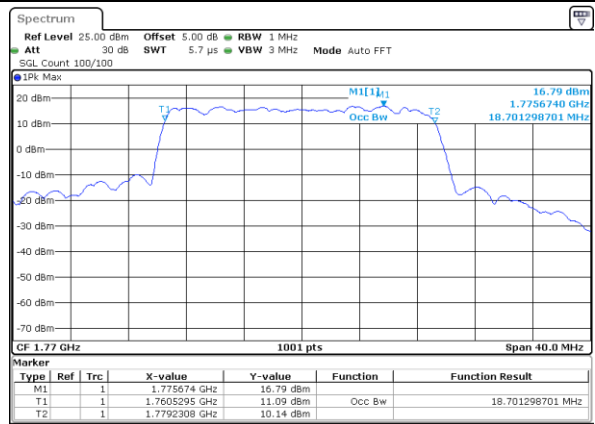
Date: 27.NOV.2020 12:55:53

Highest Channel / 20MHz / QPSK

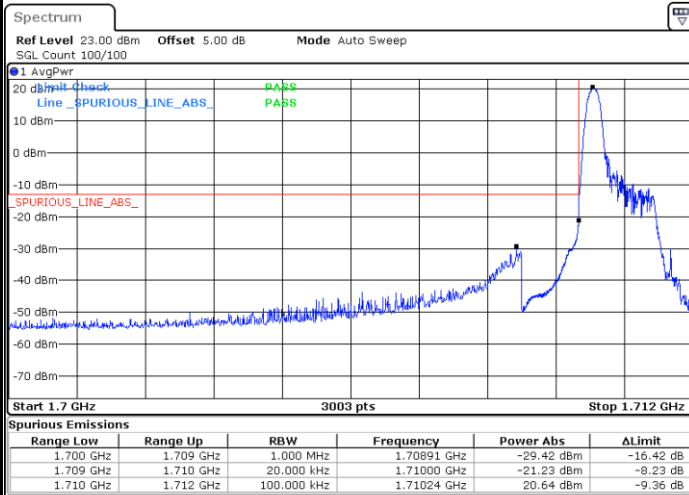
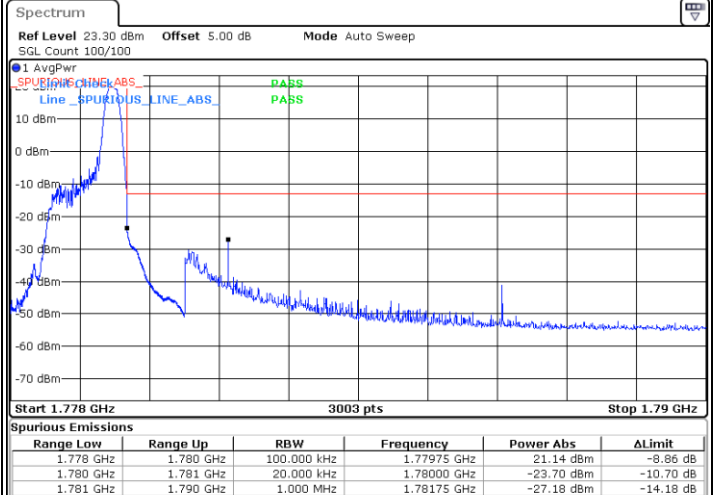
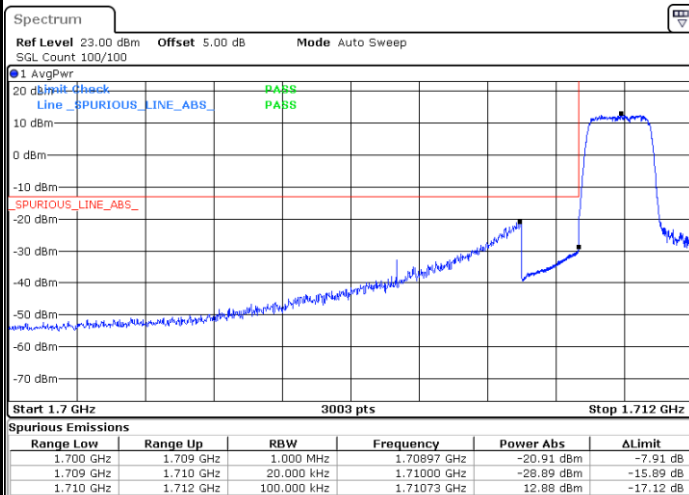
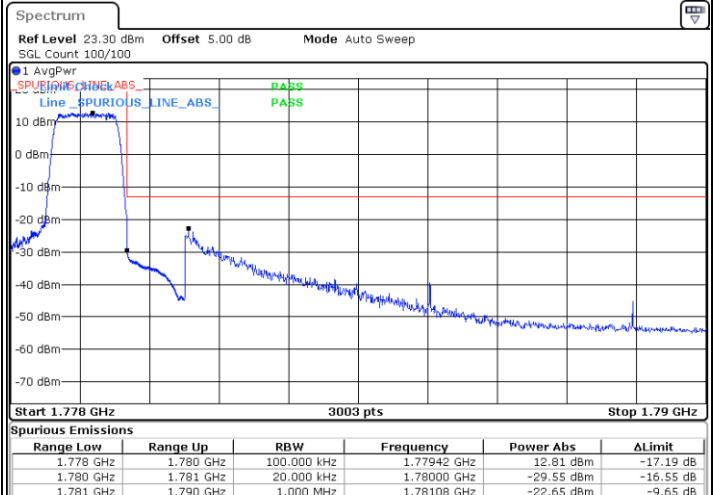


Date: 27.NOV.2020 12:54:41

Highest Channel / 20MHz / 16QAM



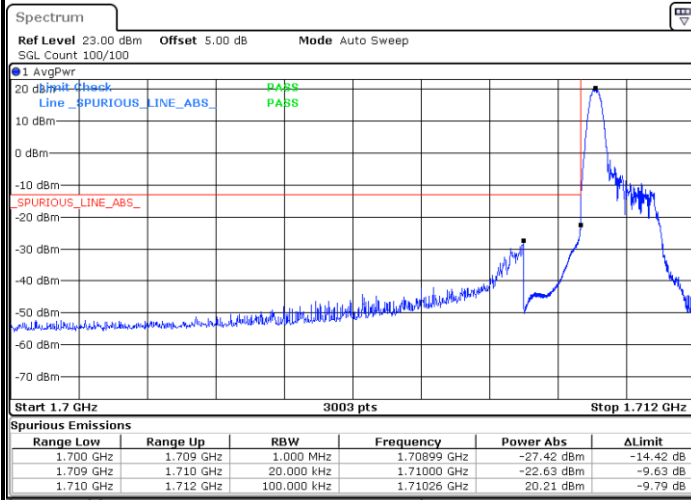
Date: 27.NOV.2020 12:55:22

**Conducted Band Edge****LTE Band 66 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

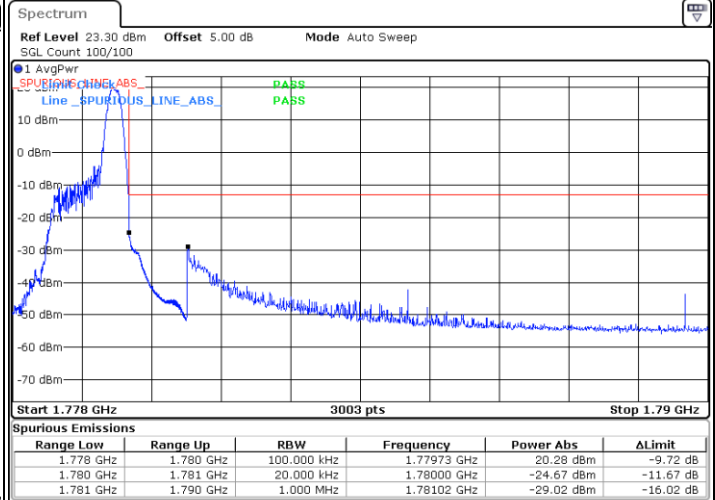


LTE Band 66 / 1.4MHz / 16QAM

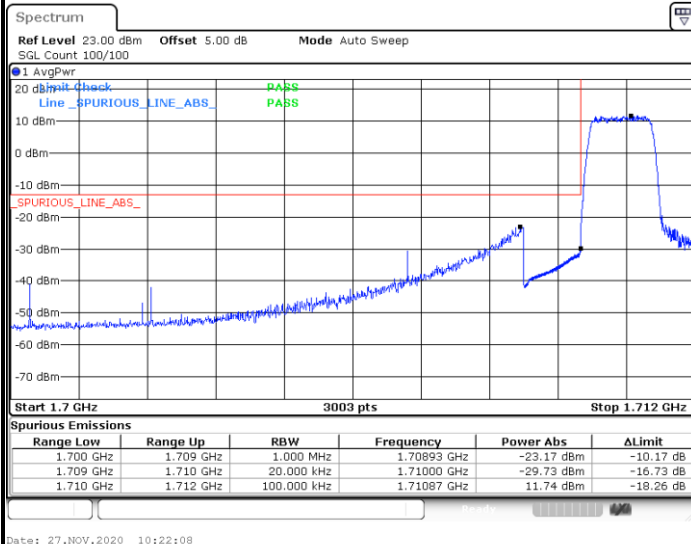
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

