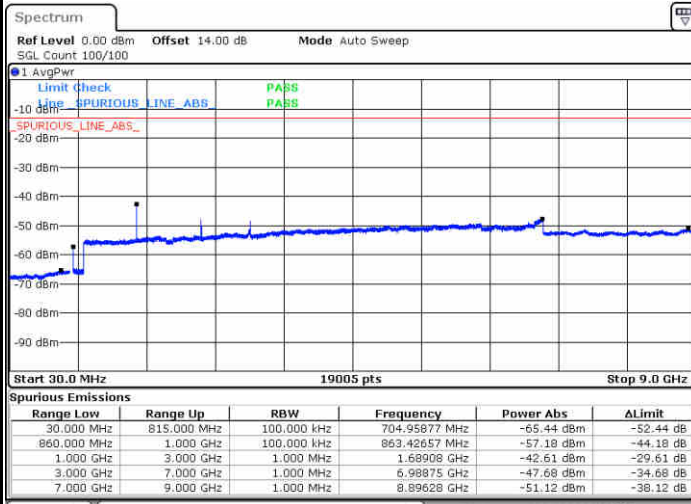


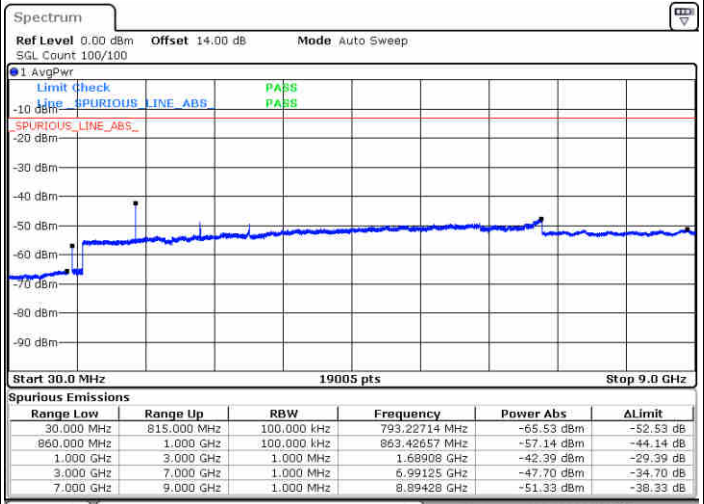


LTE Band 26 / 5MHz

Highest Channel / QPSK

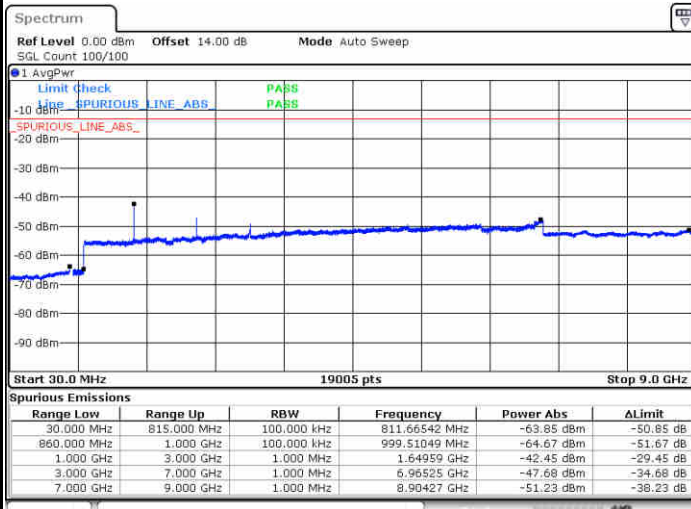


Highest Channel / 16QAM

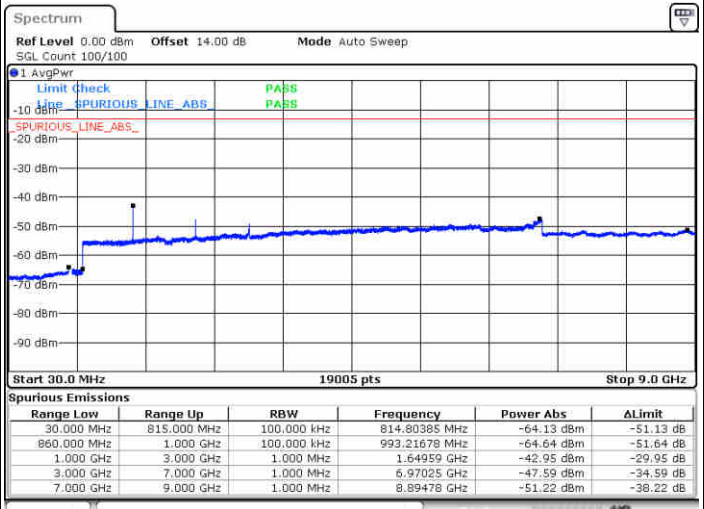


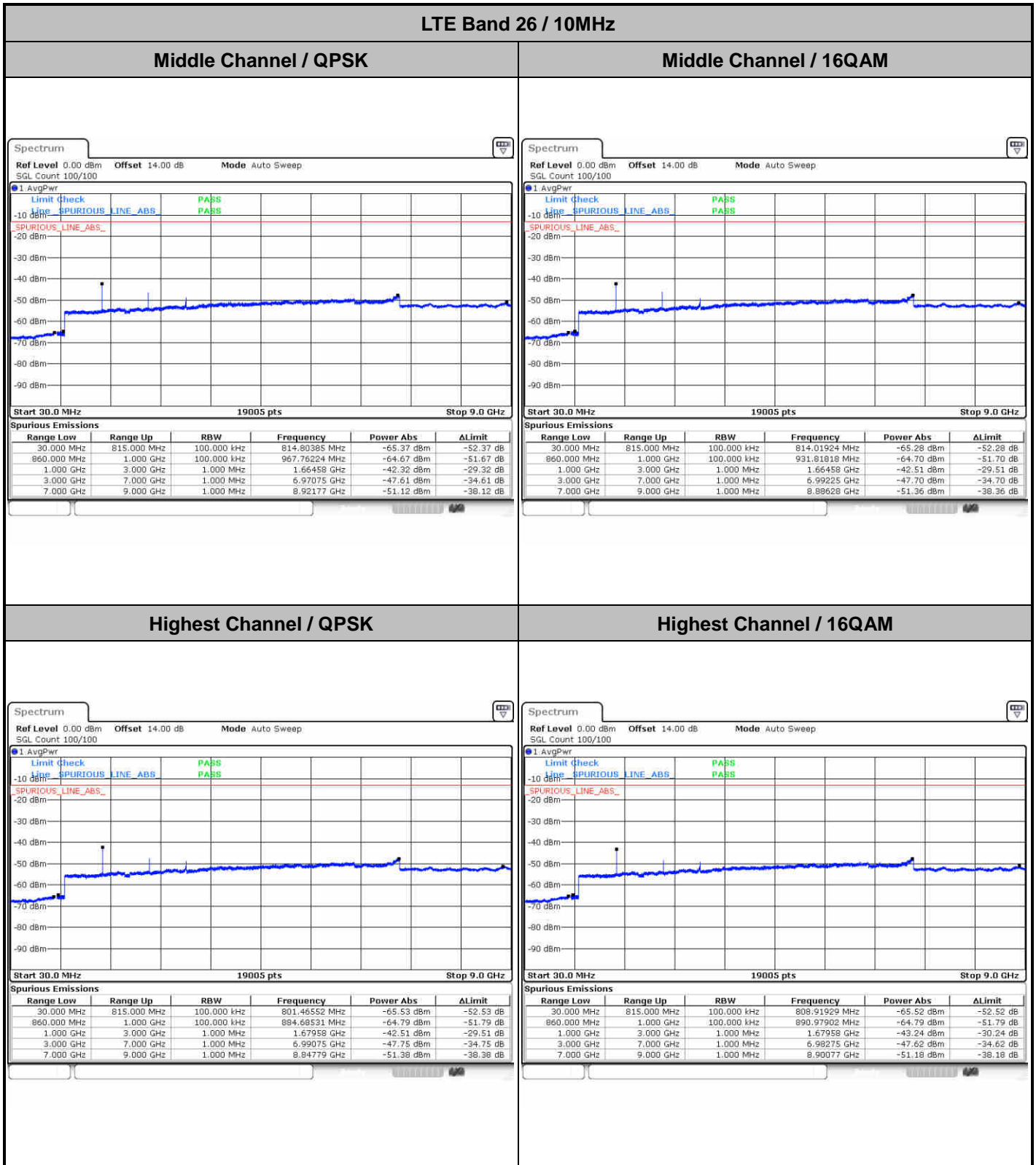
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM



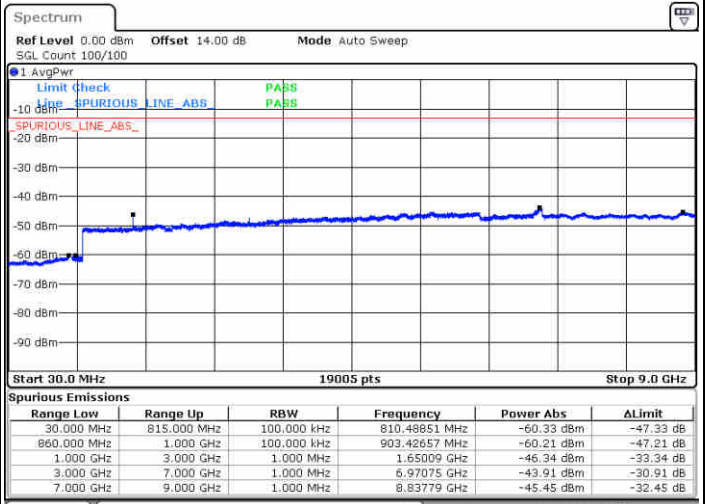
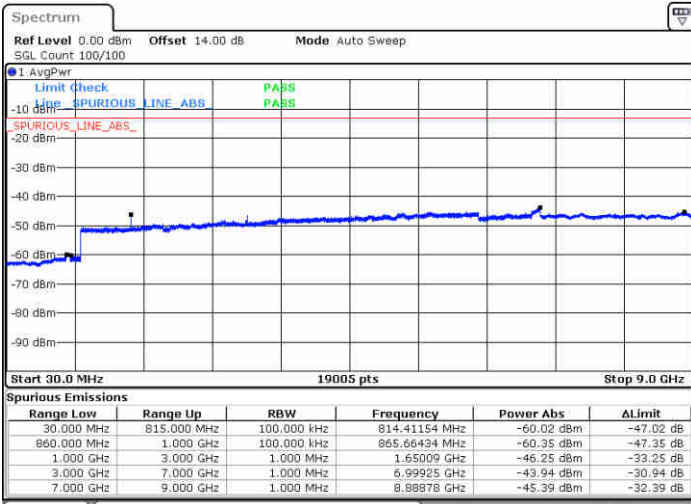




LTE Band 26 / 15MHz

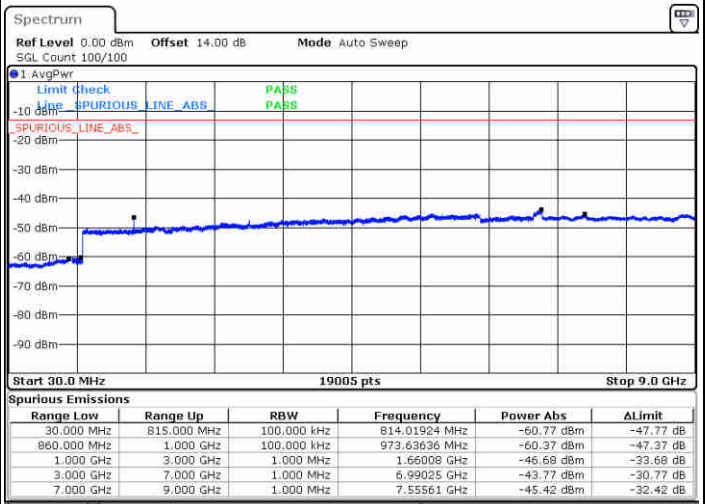
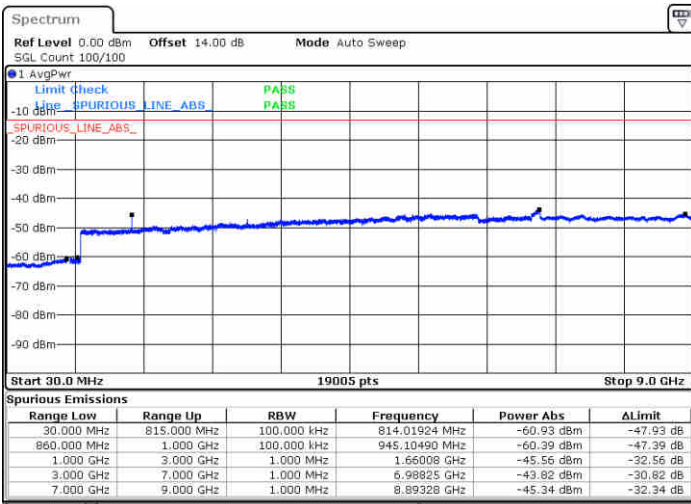
Lowest Channel / QPSK

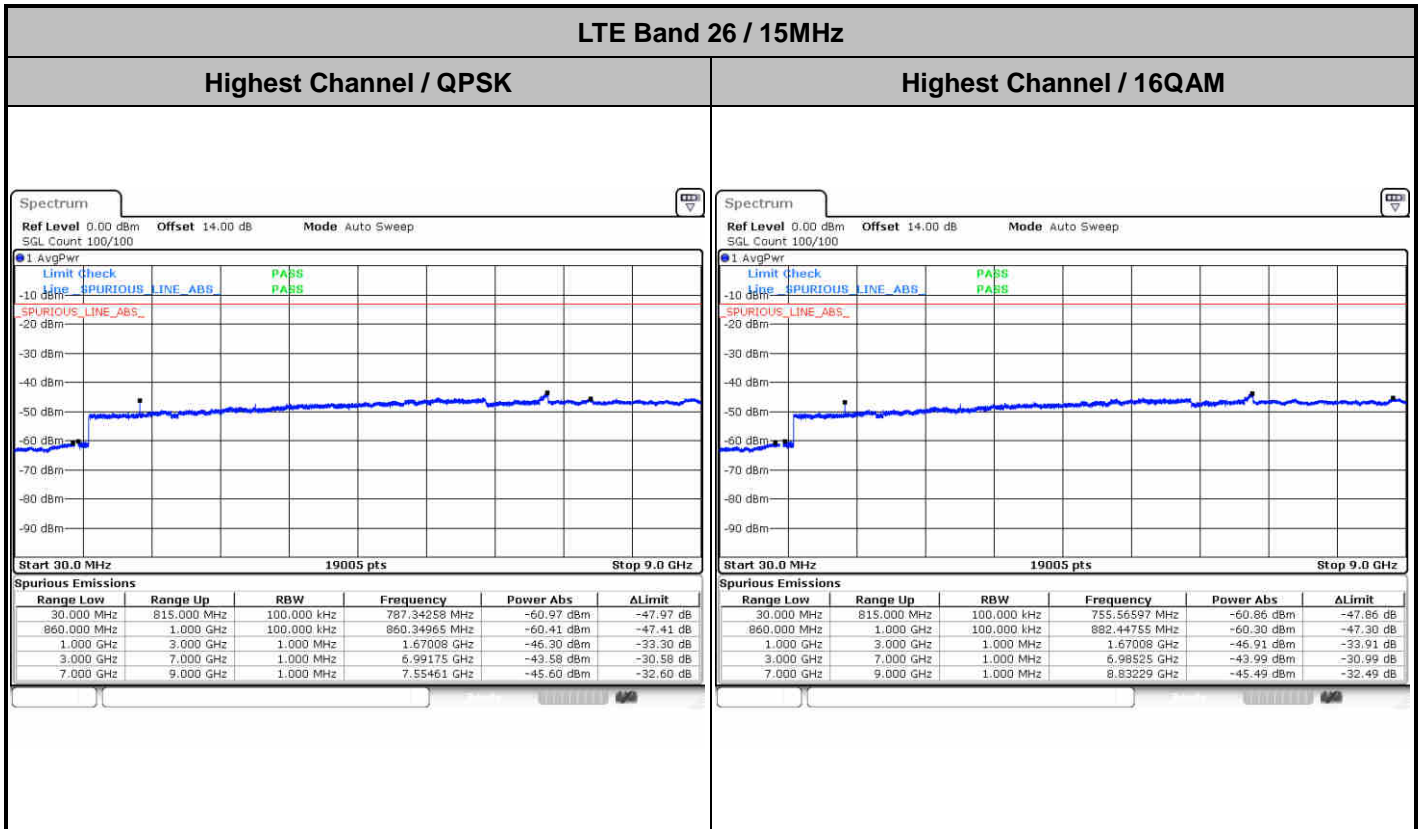
Lowest Channel / 16QAM



Middle Channel / QPSK

Middle Channel / 16QAM



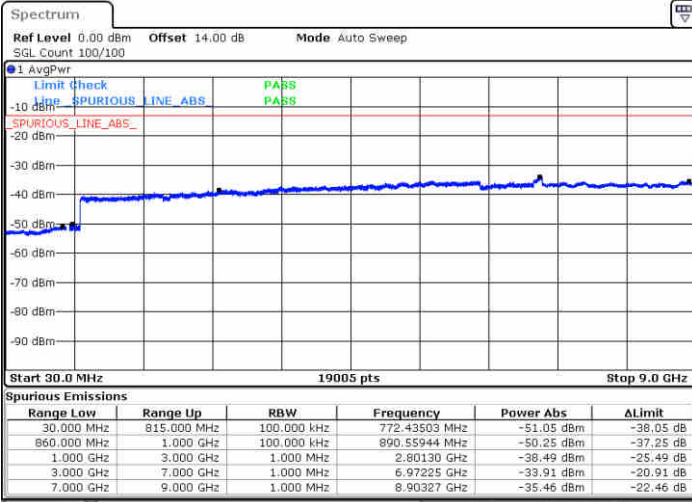




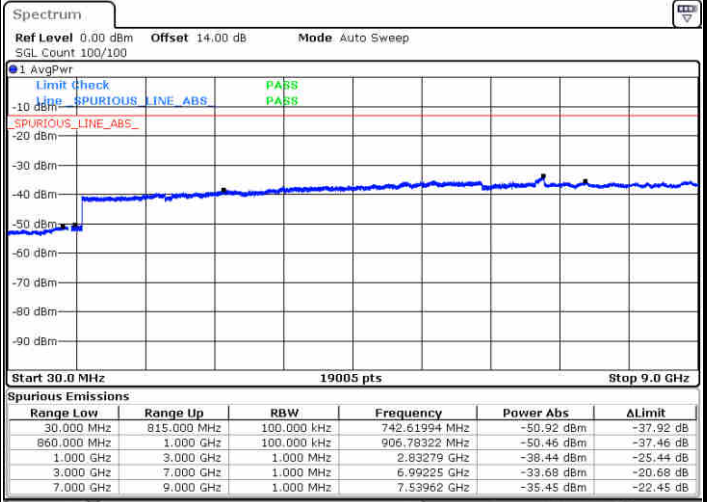
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

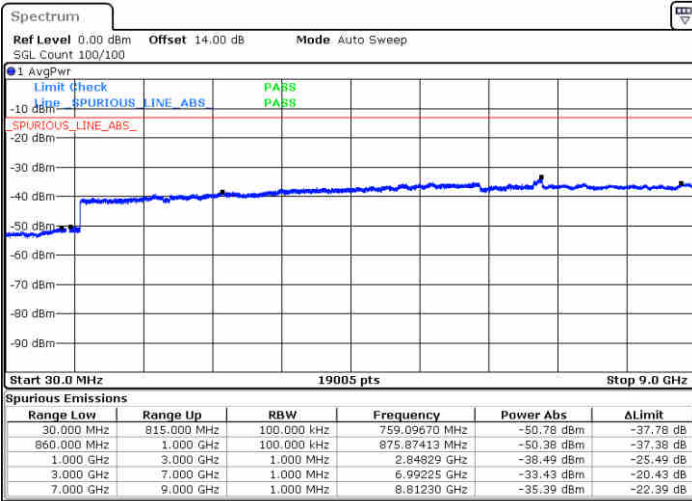


Date: 15. DEC. 2019 14:41:45



Date: 15. DEC. 2019 14:42:50

Highest Channel / 64QAM



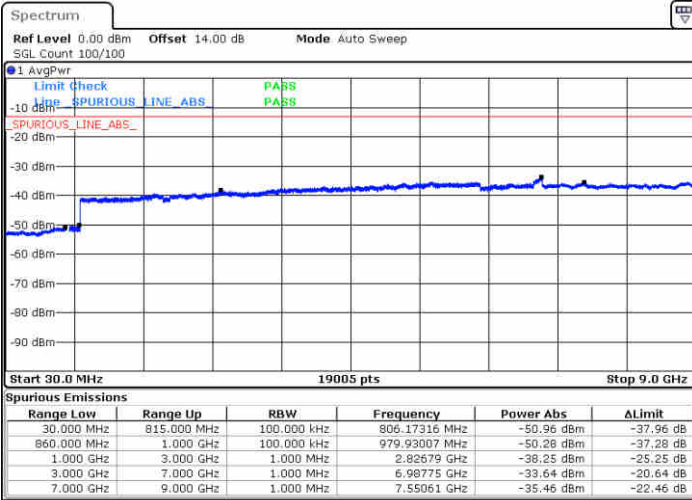
Date: 15. DEC. 2019 14:43:55



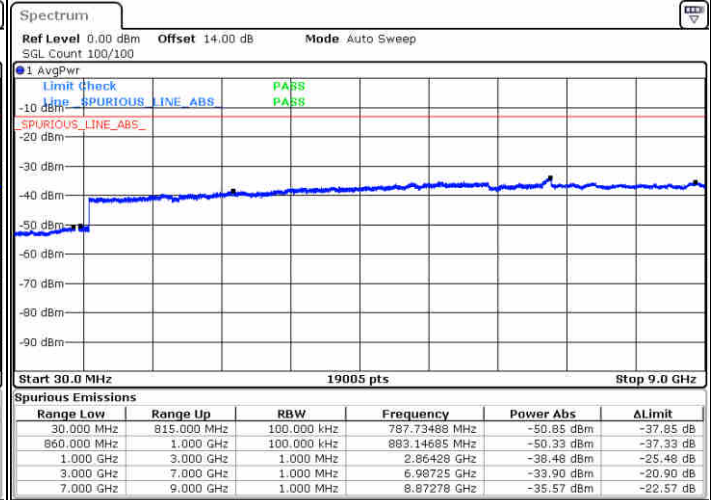
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

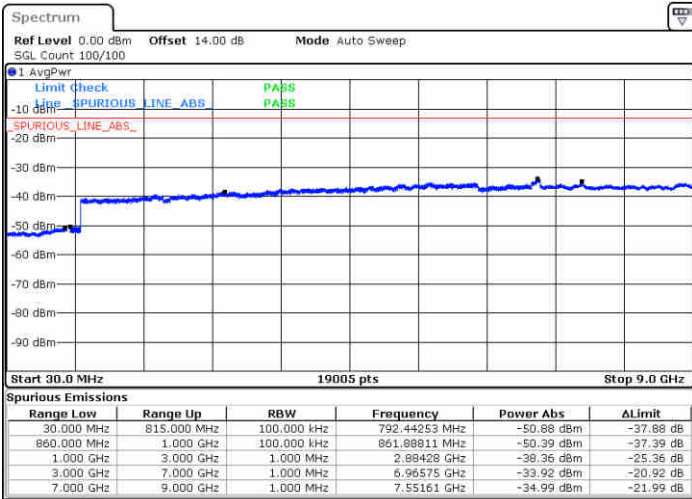


Date: 15.DEC.2019 14:44:59



Date: 15.DEC.2019 14:46:04

Highest Channel / 64QAM

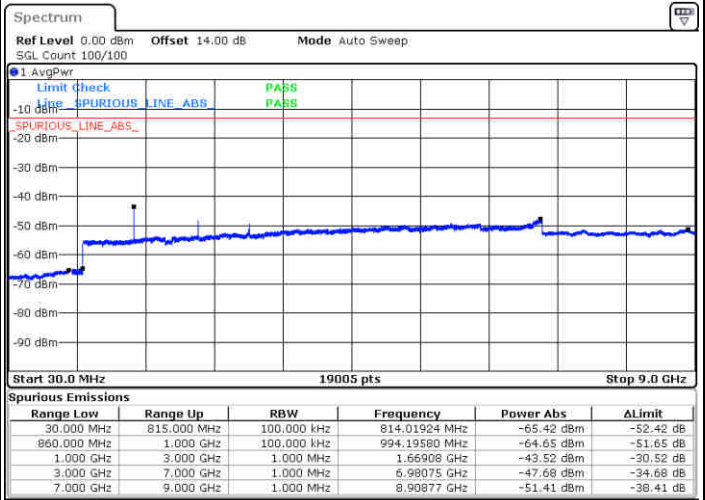
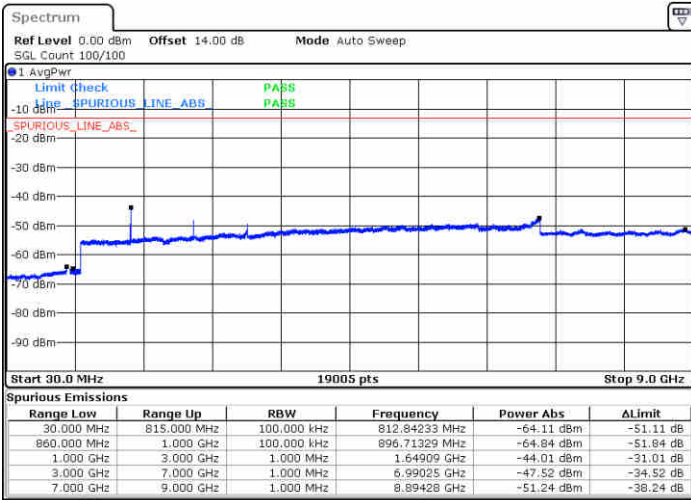




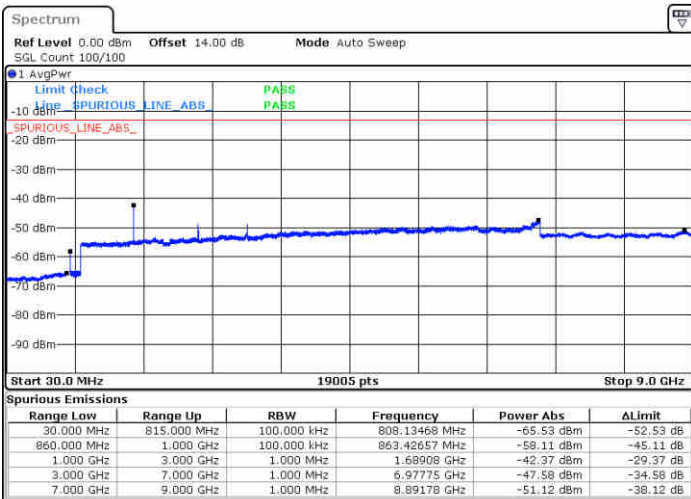
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

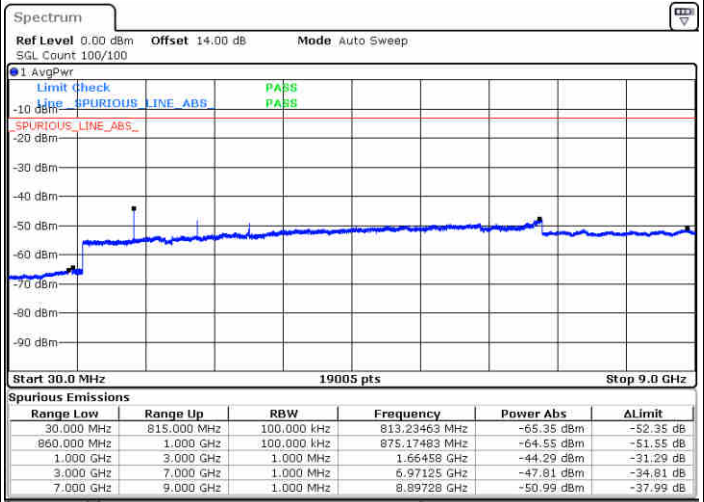
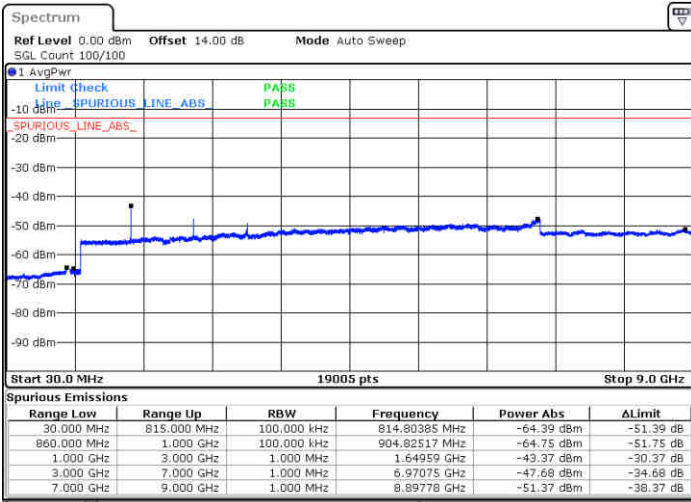




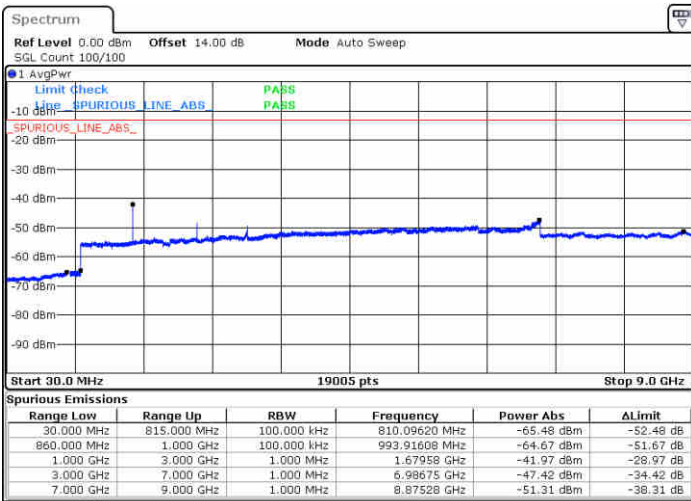
LTE Band 26 / 10MHz

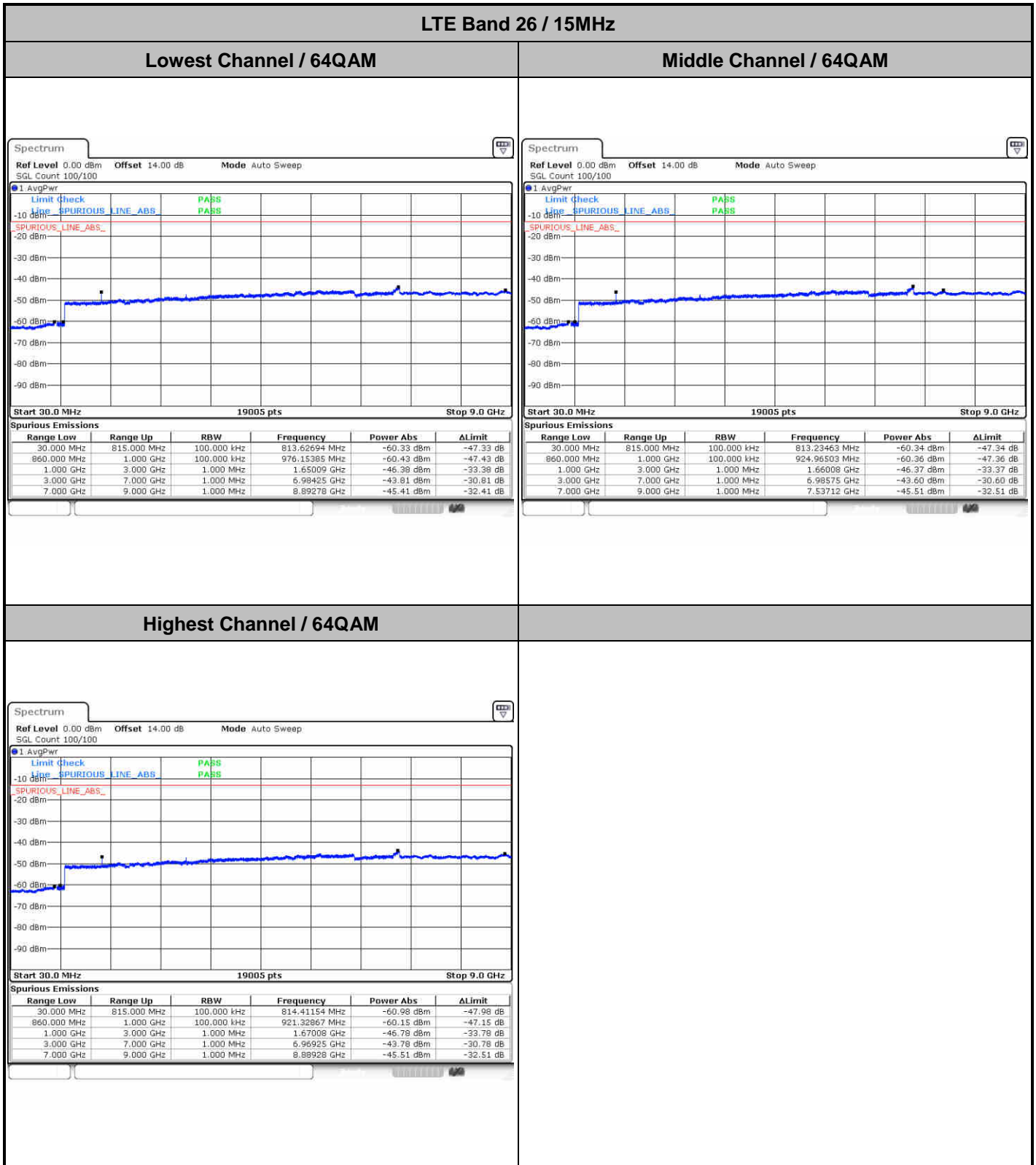
Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



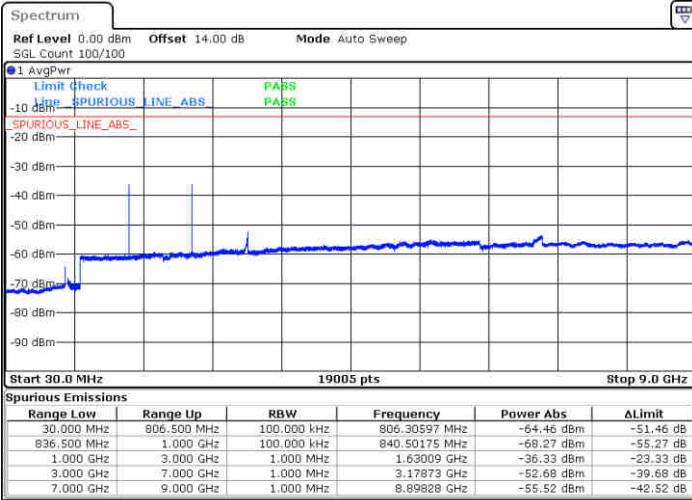




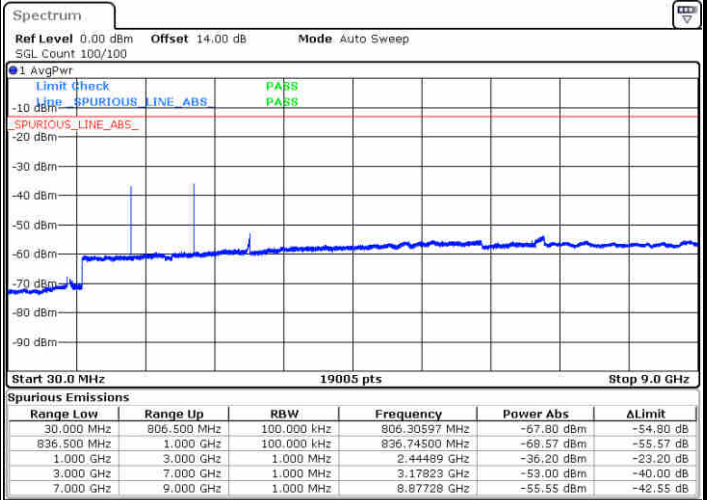
CH26765 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

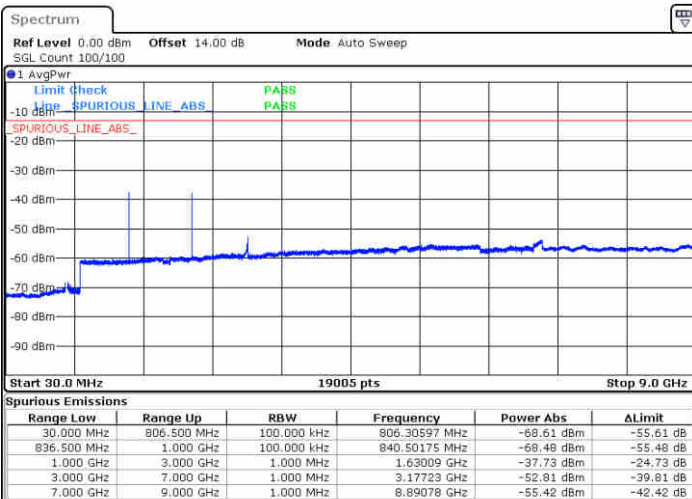


Date: 16.DEC.2019 04:34:22



Date: 16.DEC.2019 04:35:05

Lowest Channel / 64QAM



Date: 16.DEC.2019 04:12:51



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0047	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

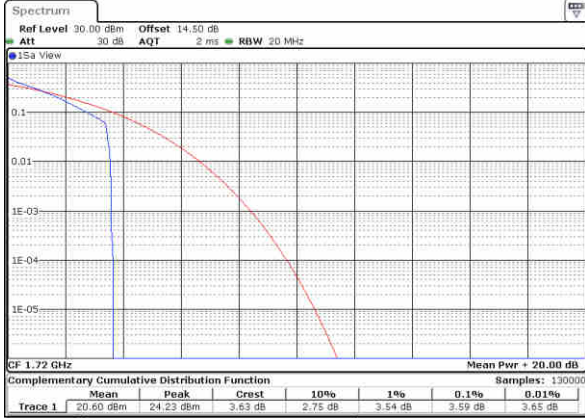
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.90	5.30	5.91	PASS
Middle CH	3.59	5.07	5.51	5.88	
Highest CH	3.48	5.01	5.48	5.94	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.30	5.80	-	-	PASS
Middle CH	5.51	5.88	-	-	
Highest CH	5.39	5.86	-	-	



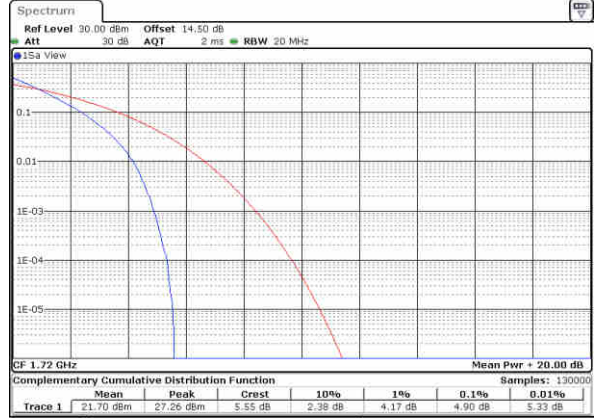
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



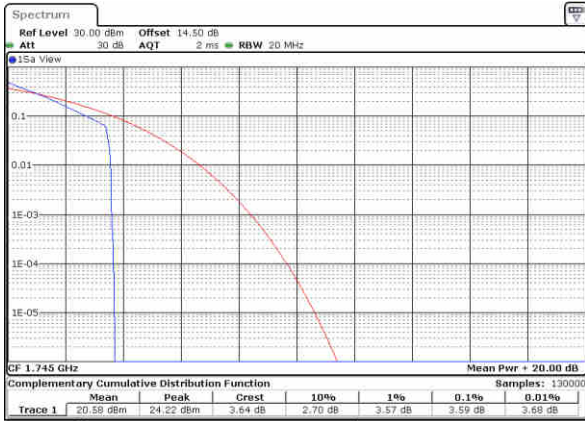
Date: 18, Dec, 2019 13:34:40

Lowest Channel / Full RB



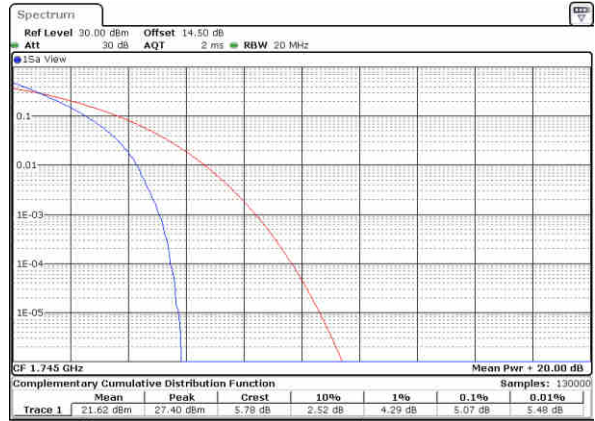
Date: 18, Dec, 2019 13:33:28

Middle Channel / 1RB



Date: 18, Dec, 2019 13:31:51

Middle Channel / Full RB



Date: 18, Dec, 2019 13:32:44

Highest Channel / 1RB



Date: 18, Dec, 2019 13:29:58

Highest Channel / Full RB

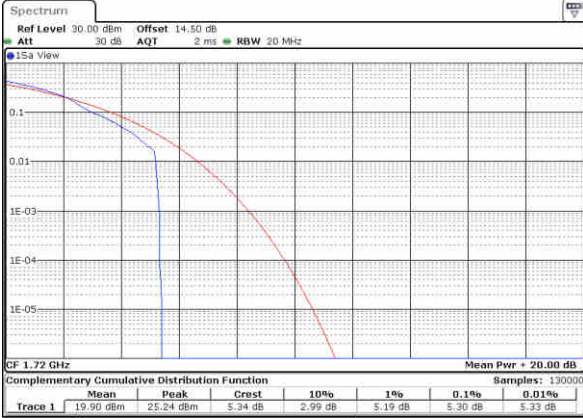


Date: 18, Dec, 2019 13:25:56



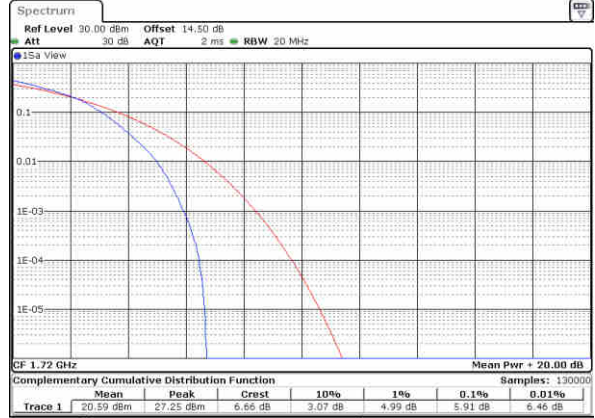
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



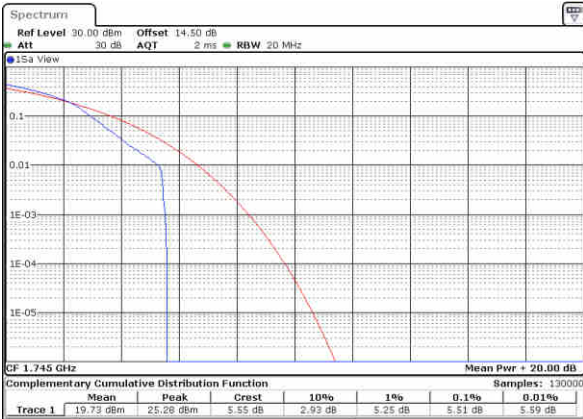
Date: 18, DEC, 2019 13:34:28

Lowest Channel / Full RB



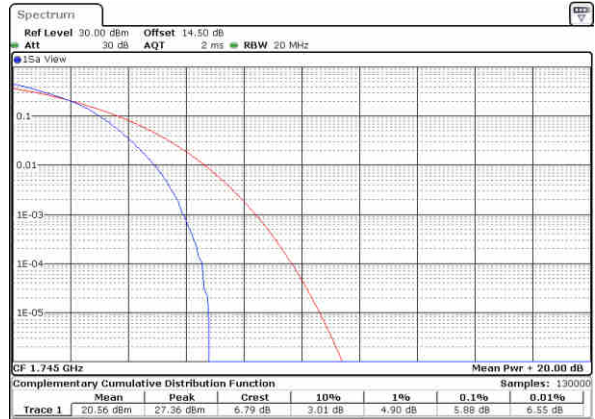
Date: 18, DEC, 2019 13:33:40

Middle Channel / 1RB



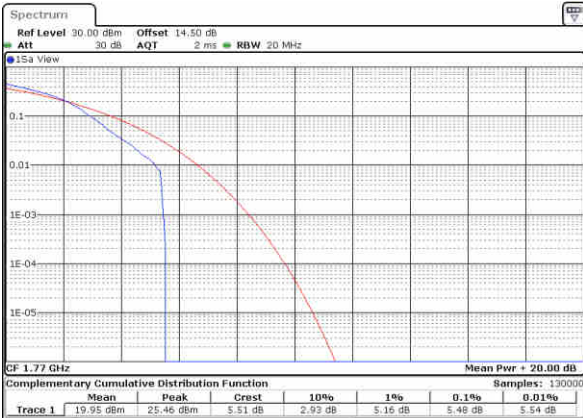
Date: 18, DEC, 2019 13:31:45

Middle Channel / Full RB



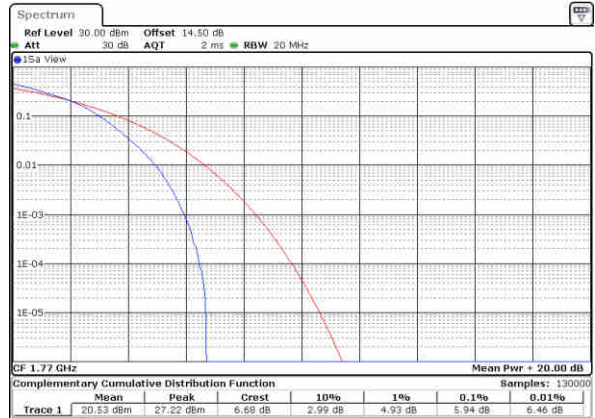
Date: 18, DEC, 2019 13:32:28

Highest Channel / 1RB



Date: 18, DEC, 2019 13:29:01

Highest Channel / Full RB

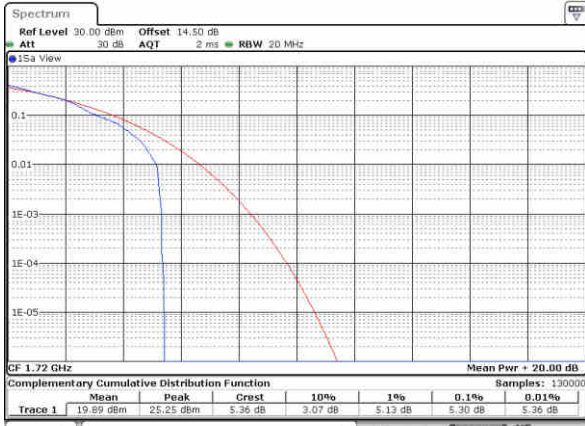


Date: 18, DEC, 2019 13:28:07



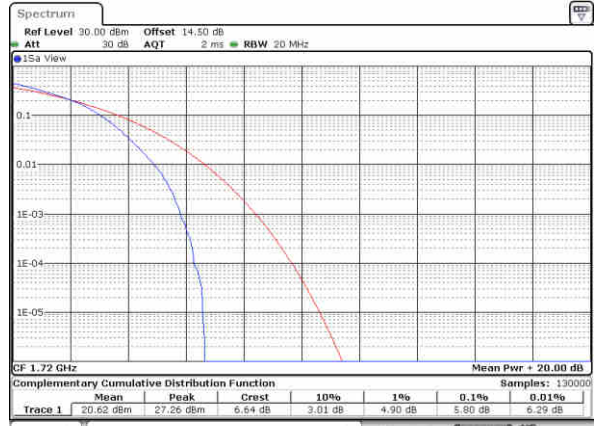
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



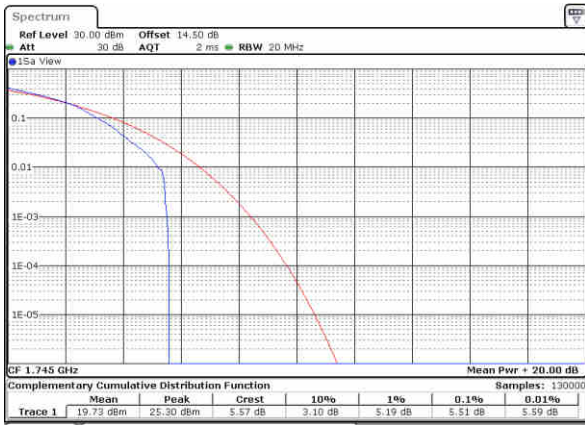
Date: 18, DEC, 2019 13:34:14

Lowest Channel / Full RB



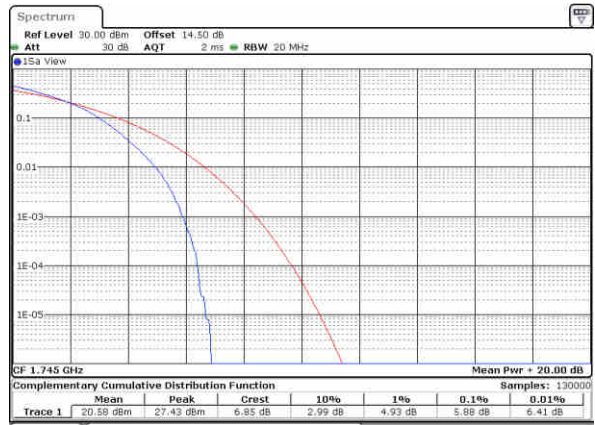
Date: 18, DEC, 2019 13:33:52

Middle Channel / 1RB



Date: 18, DEC, 2019 13:31:57

Middle Channel / Full RB



Date: 18, DEC, 2019 13:32:16

Highest Channel / 1RB



Date: 18, DEC, 2019 13:27:59

Highest Channel / Full RB



Date: 18, DEC, 2019 13:26:48



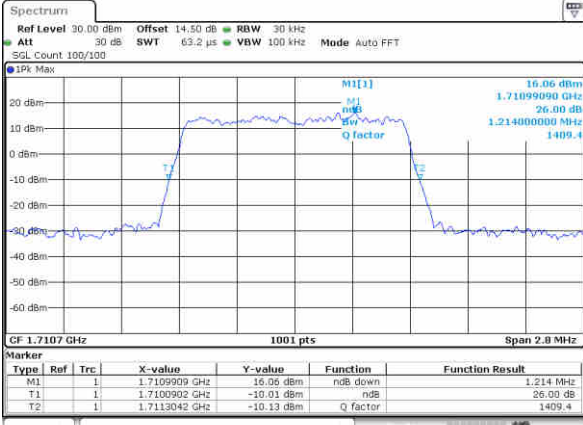
26dB Bandwidth

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	1.21	1.21	3.02	3.00	4.91	4.94	9.83	9.63	14.36	14.39	18.82	18.74
Middle CH	1.23	1.21	3.00	3.05	4.98	4.87	9.89	9.79	14.39	14.27	19.02	19.38
Highest CH	1.23	1.23	3.04	3.02	4.90	4.87	9.71	9.87	14.36	14.21	18.86	18.98
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	2.97	-	4.91	-	9.77	-	14.57	-	18.90	-
Middle CH	1.23	-	2.99	-	4.89	-	9.85	-	14.21	-	19.34	-
Highest CH	1.23	-	3.00	-	4.83	-	9.61	-	14.39	-	19.10	-



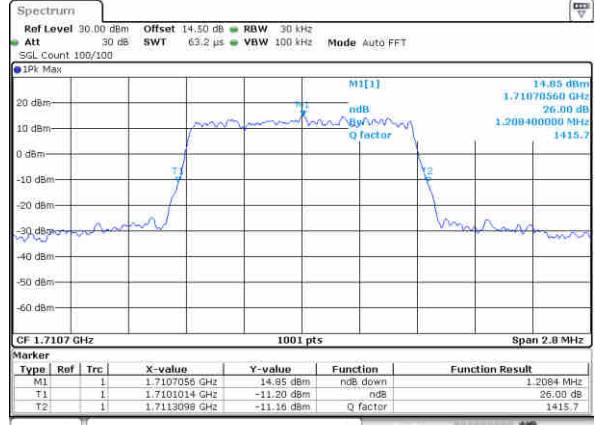
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



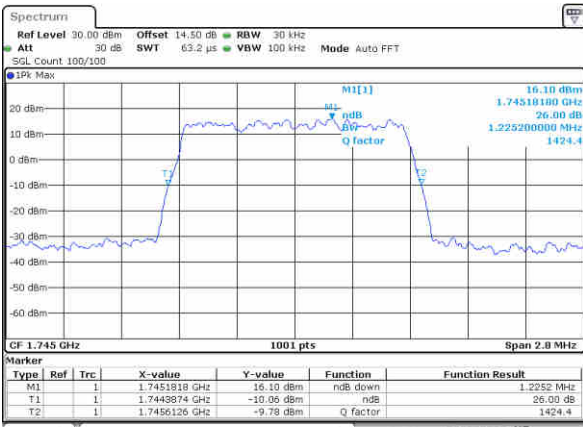
Date: 18, Dec, 2019 15:33:43

Lowest Channel / 1.4MHz / 16QAM



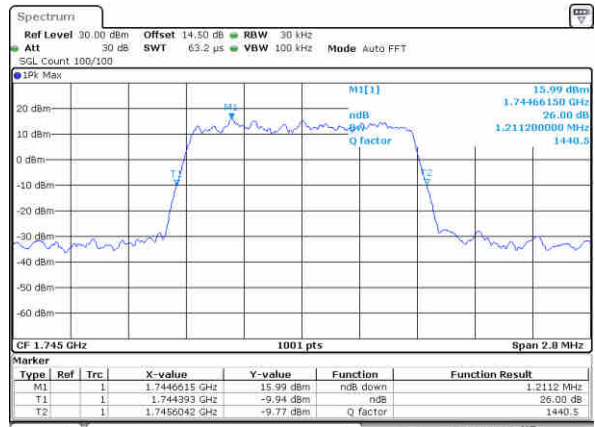
Date: 18, Dec, 2019 15:33:47

Middle Channel / 1.4MHz / QPSK



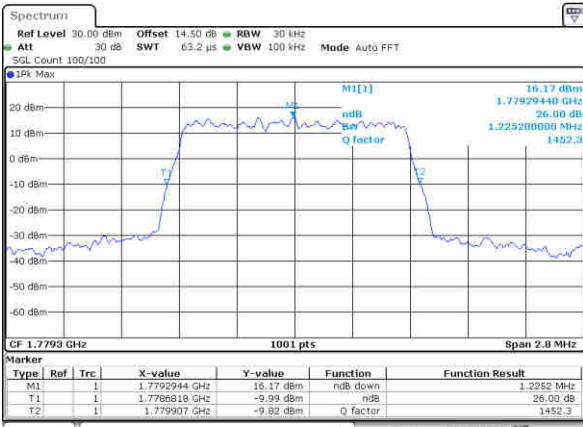
Date: 18, Dec, 2019 11:57:10

Middle Channel / 1.4MHz / 16QAM



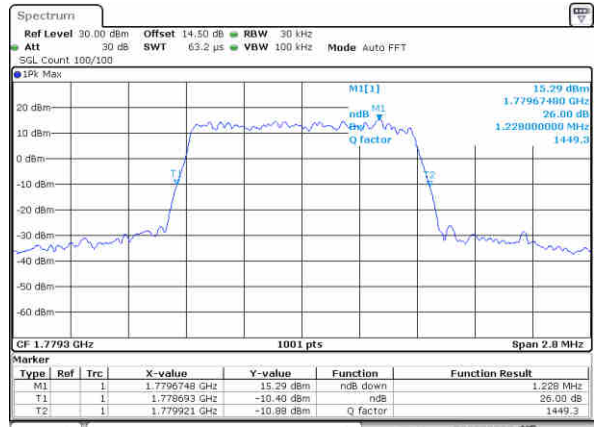
Date: 18, Dec, 2019 11:57:41

Highest Channel / 1.4MHz / QPSK



Date: 18, Dec, 2019 12:14:10

Highest Channel / 1.4MHz / 16QAM

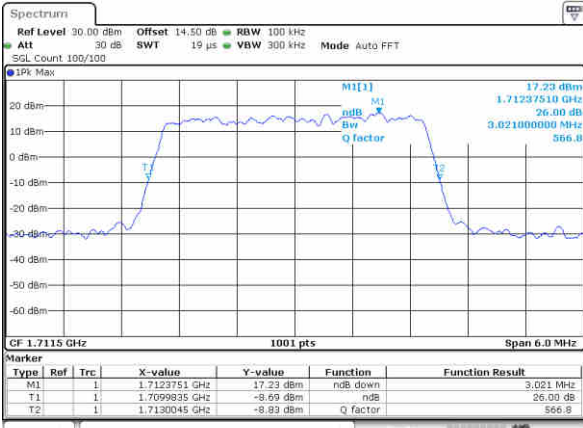


Date: 18, Dec, 2019 12:17:41



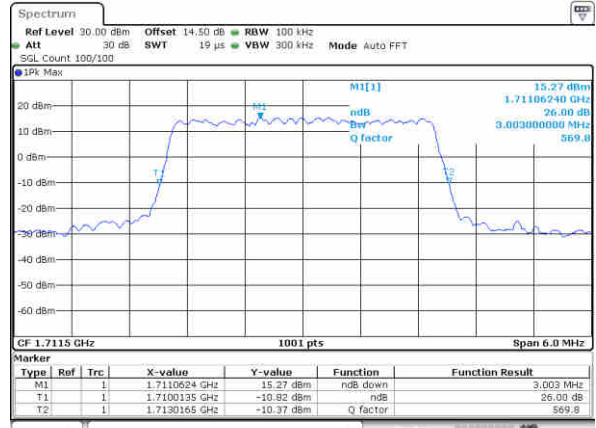
LTE Band 66

Lowest Channel / 3MHz / QPSK



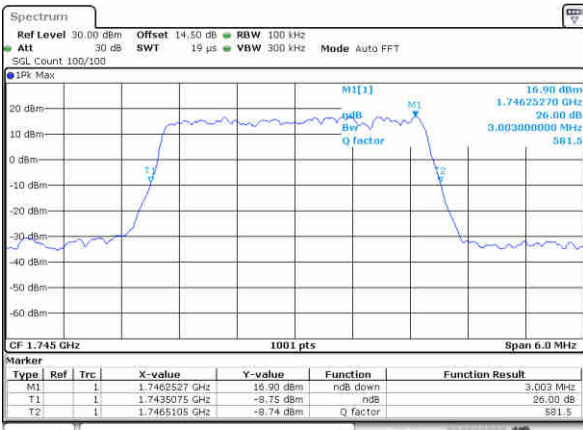
Date: 18, DEC, 2019 15:46:48

Lowest Channel / 3MHz / 16QAM



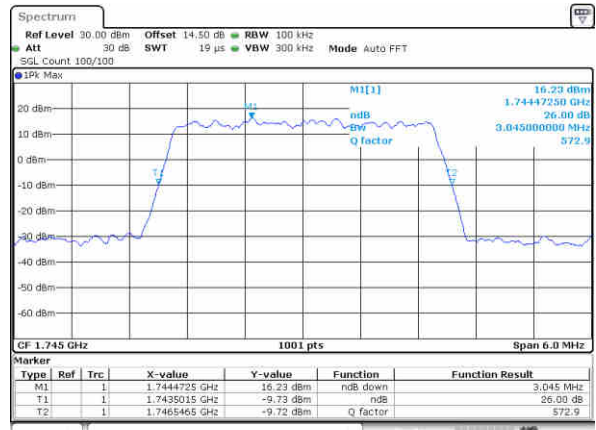
Date: 18, DEC, 2019 15:48:28

Middle Channel / 3MHz / QPSK



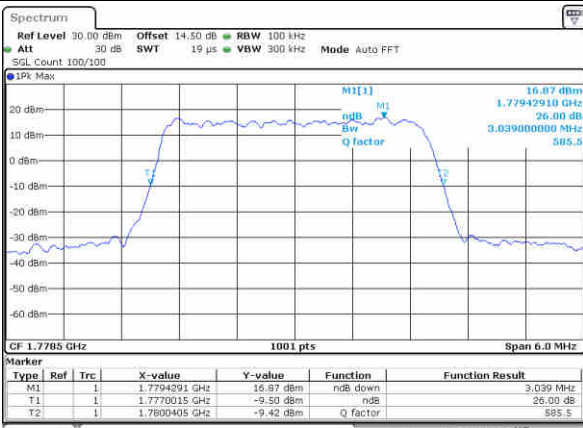
Date: 18, DEC, 2019 12:31:16

Middle Channel / 3MHz / 16QAM



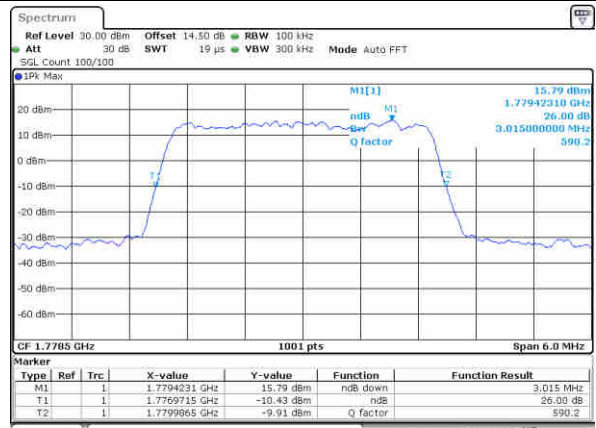
Date: 18, DEC, 2019 12:31:38

Highest Channel / 3MHz / QPSK



Date: 18, DEC, 2019 12:36:46

Highest Channel / 3MHz / 16QAM

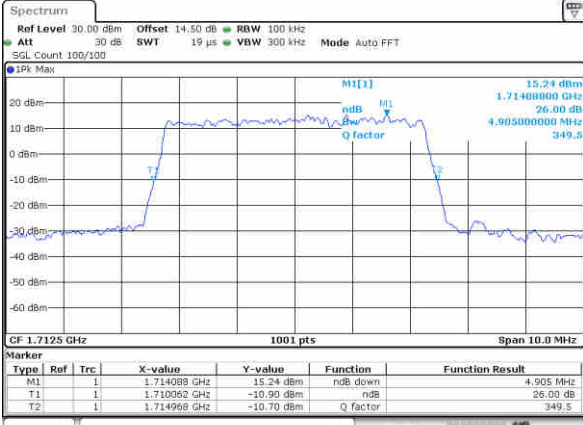


Date: 18, DEC, 2019 12:38:06



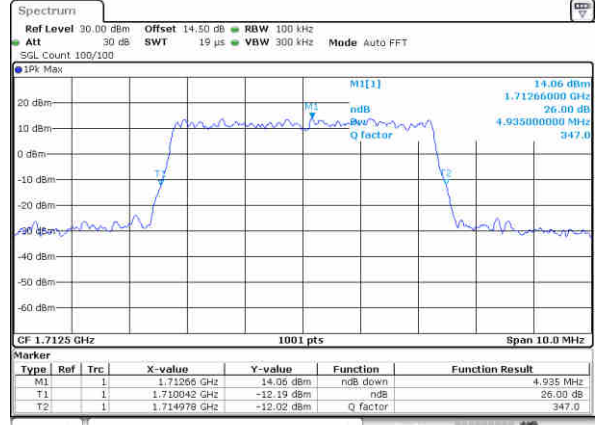
LTE Band 66

Lowest Channel / 5MHz / QPSK



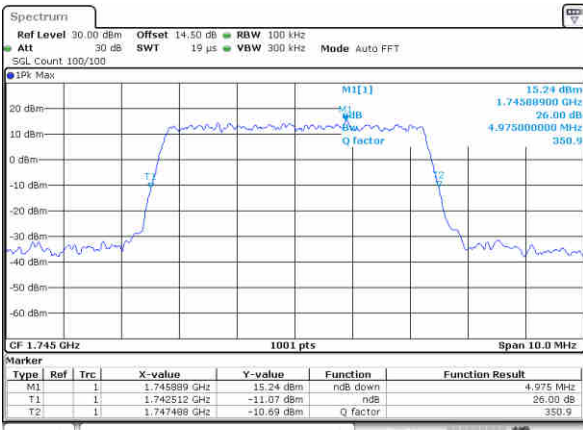
Date: 18, DEC, 2019 11:25:35

Lowest Channel / 5MHz / 16QAM



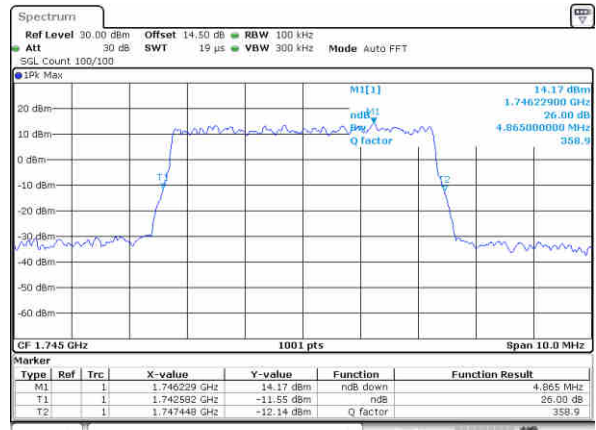
Date: 18, DEC, 2019 11:26:23

Middle Channel / 5MHz / QPSK



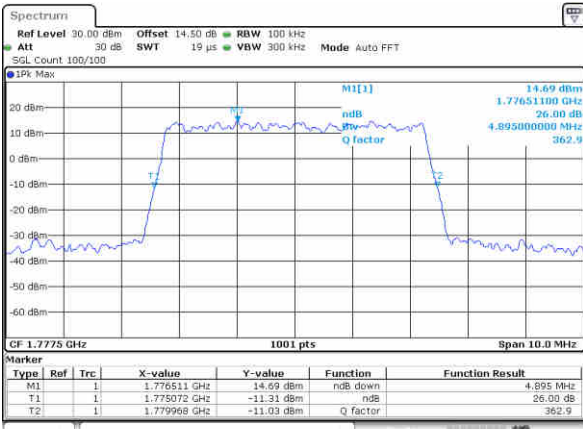
Date: 18, DEC, 2019 11:45:34

Middle Channel / 5MHz / 16QAM



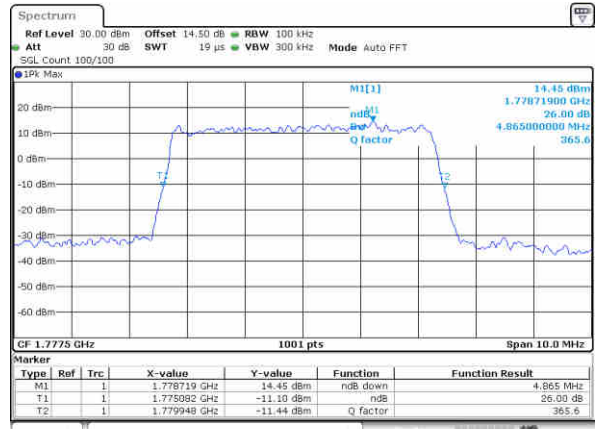
Date: 18, DEC, 2019 11:45:56

Highest Channel / 5MHz / QPSK



Date: 18, DEC, 2019 11:53:50

Highest Channel / 5MHz / 16QAM

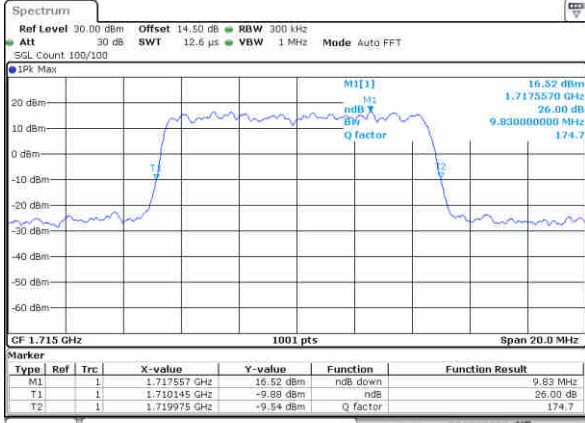


Date: 18, DEC, 2019 11:54:28



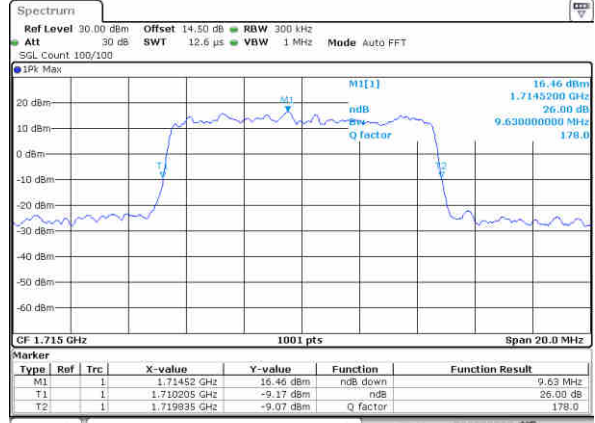
LTE Band 66

Lowest Channel / 10MHz / QPSK



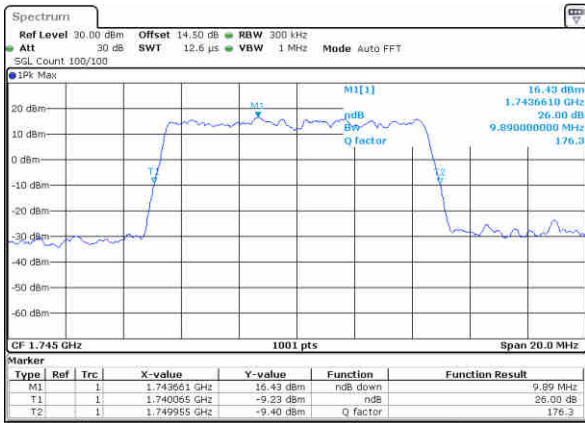
Date: 18, Dec, 2019 16:00:55

Lowest Channel / 10MHz / 16QAM



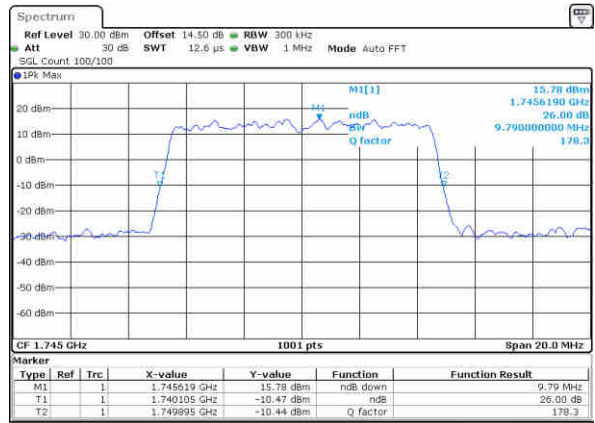
Date: 18, Dec, 2019 16:01:41

Middle Channel / 10MHz / QPSK



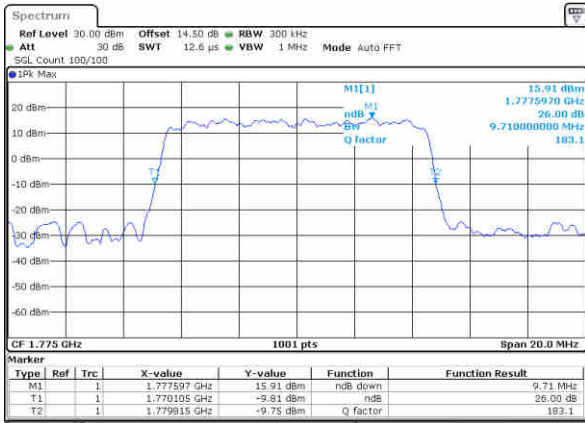
Date: 18, Dec, 2019 12:47:48

Middle Channel / 10MHz / 16QAM



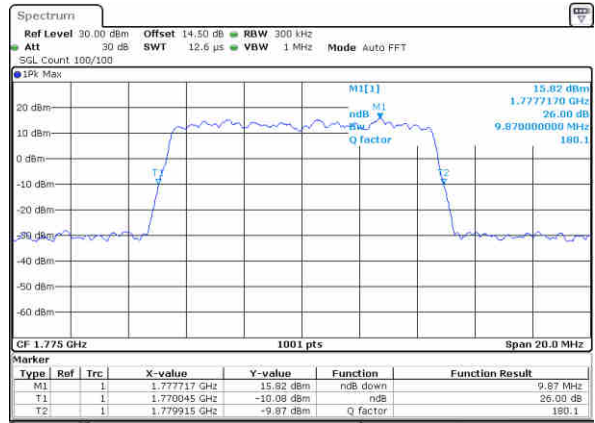
Date: 18, Dec, 2019 12:48:10

Highest Channel / 10MHz / QPSK



Date: 18, Dec, 2019 12:52:20

Highest Channel / 10MHz / 16QAM

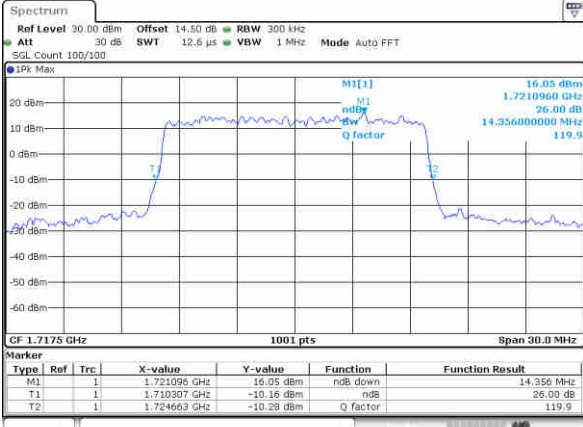


Date: 18, Dec, 2019 12:53:39



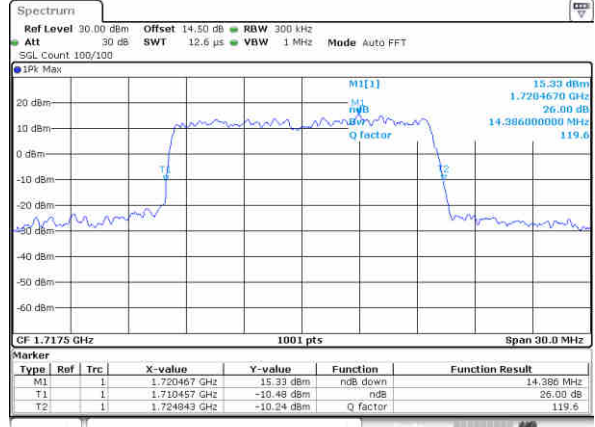
LTE Band 66

Lowest Channel / 15MHz / QPSK



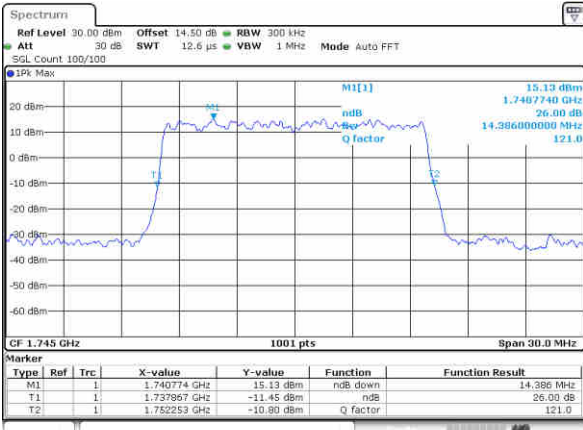
Date: 18, DEC, 2019 14:12:14

Lowest Channel / 15MHz / 16QAM



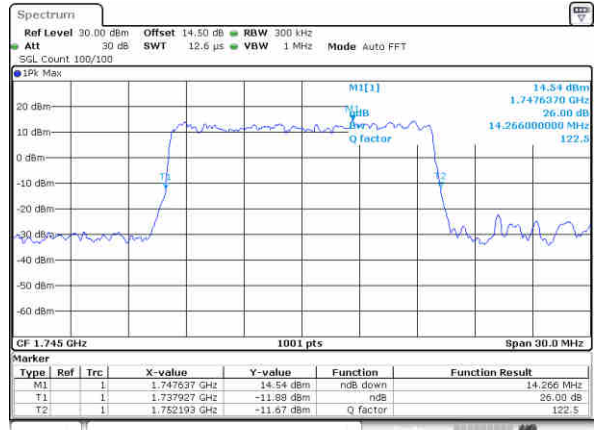
Date: 18, DEC, 2019 14:13:12

Middle Channel / 15MHz / QPSK



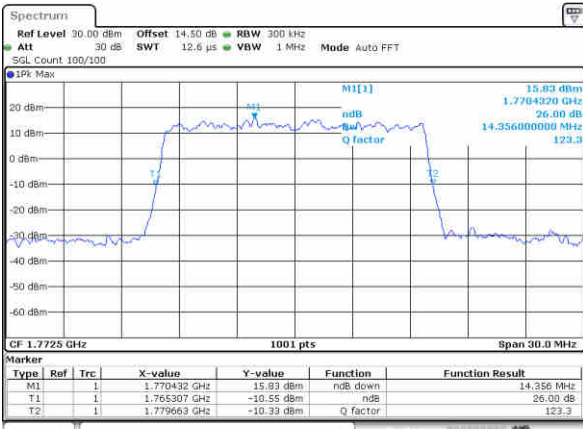
Date: 18, DEC, 2019 13:09:49

Middle Channel / 15MHz / 16QAM



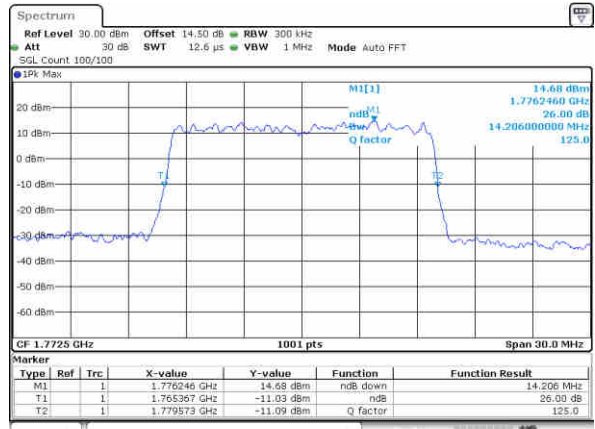
Date: 18, DEC, 2019 13:10:10

Highest Channel / 15MHz / QPSK



Date: 18, DEC, 2019 13:10:12

Highest Channel / 15MHz / 16QAM

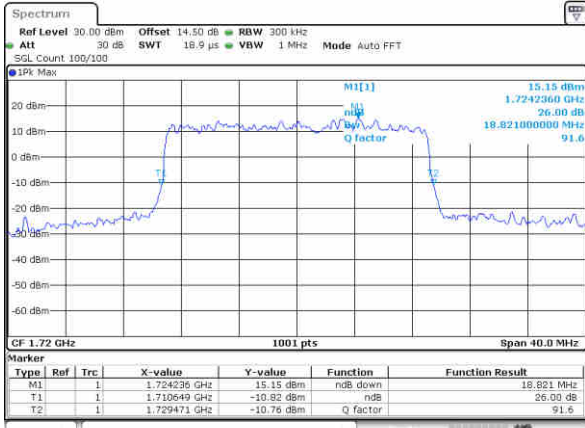


Date: 18, DEC, 2019 13:10:46



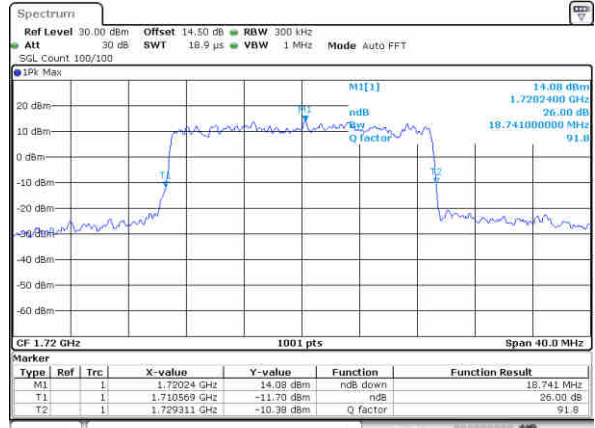
LTE Band 66

Lowest Channel / 20MHz / QPSK



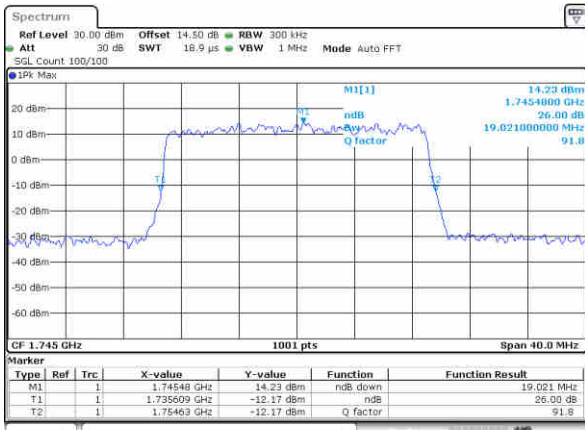
Date: 18, Dec, 2019 13:18:19

Lowest Channel / 20MHz / 16QAM



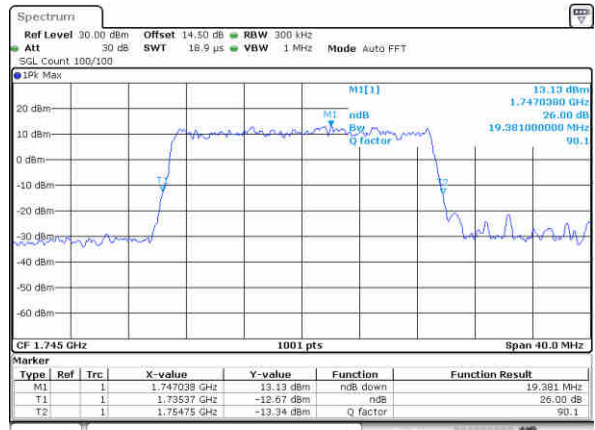
Date: 18, Dec, 2019 13:18:57

Middle Channel / 20MHz / QPSK



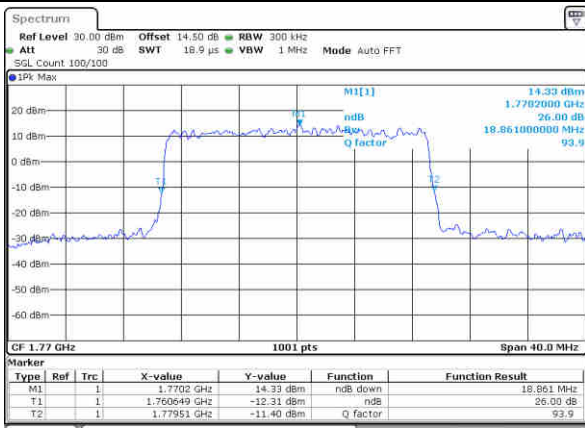
Date: 18, Dec, 2019 13:11:25

Middle Channel / 20MHz / 16QAM



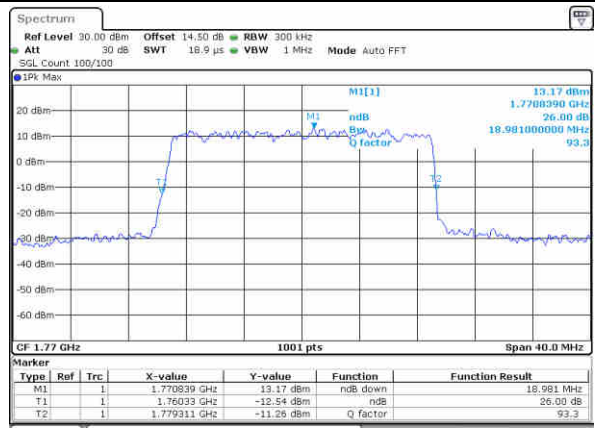
Date: 18, Dec, 2019 13:11:50

Highest Channel / 20MHz / QPSK



Date: 18, Dec, 2019 13:24:57

Highest Channel / 20MHz / 16QAM

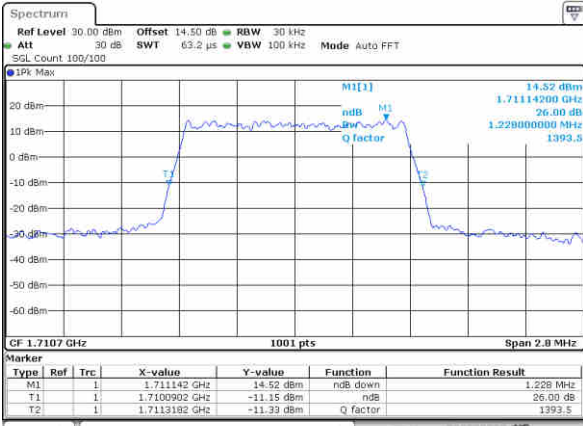


Date: 18, Dec, 2019 13:26:21



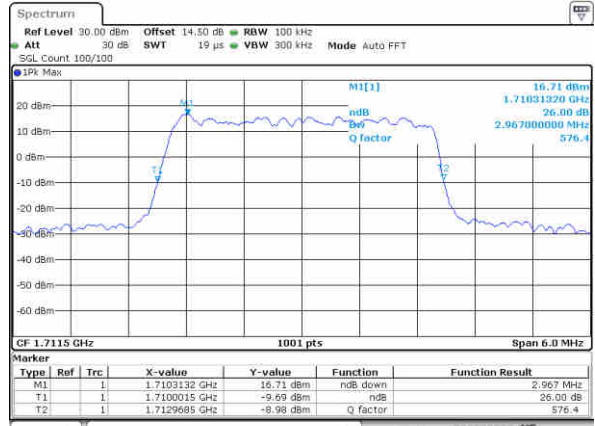
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



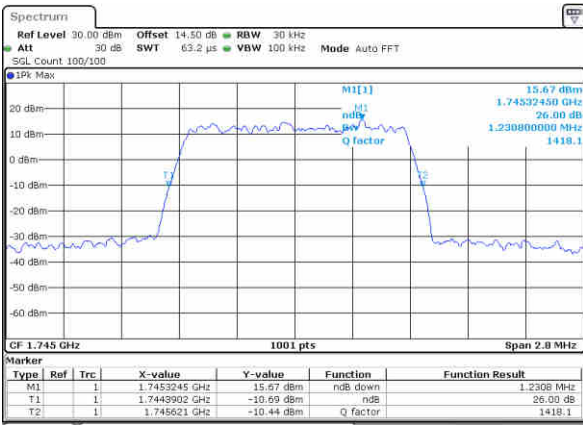
Date: 18, Dec, 2019 15:27:32

Lowest Channel / 3MHz / 64QAM



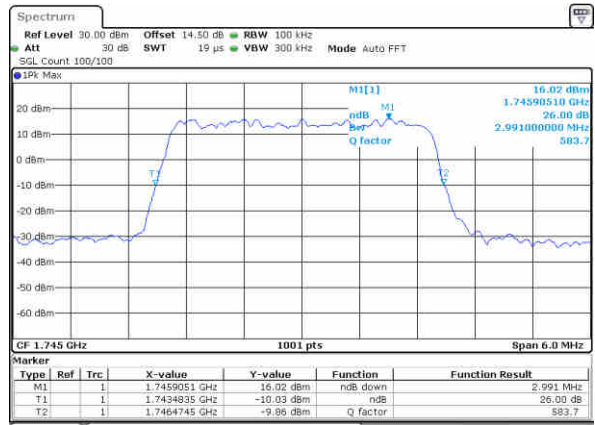
Date: 18, Dec, 2019 15:49:35

Middle Channel / 20MHz / 64QAM



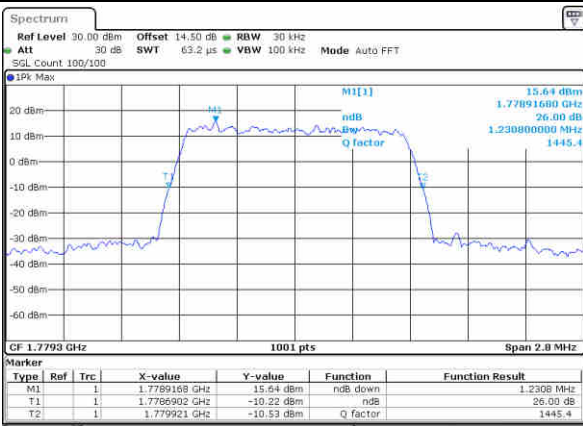
Date: 18, Dec, 2019 11:58:08

Middle Channel / 3MHz / 64QAM



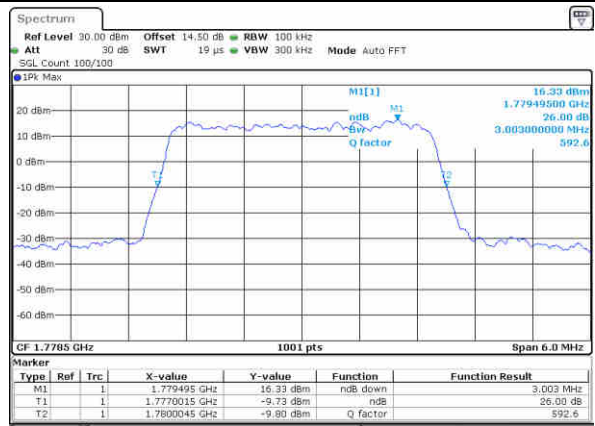
Date: 18, Dec, 2019 12:31:57

Highest Channel / 20MHz / 64QAM



Date: 18, Dec, 2019 12:28:18

Highest Channel / 3MHz / 64QAM

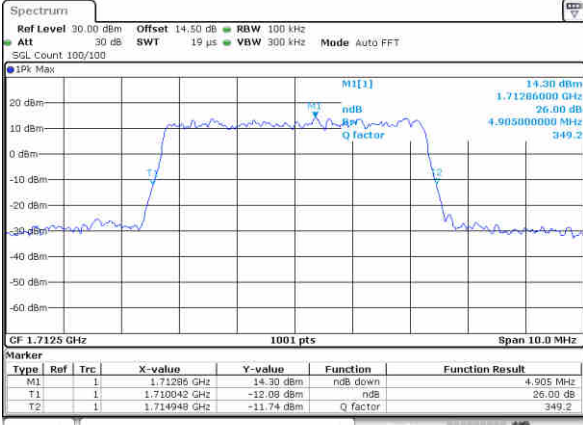


Date: 18, Dec, 2019 12:39:12



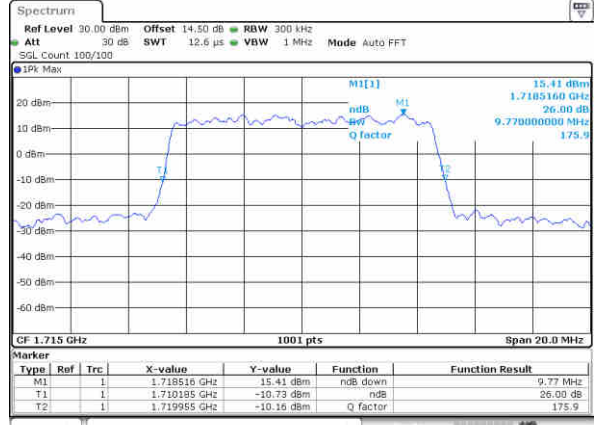
LTE Band 66

Lowest Channel / 5MHz / 64QAM



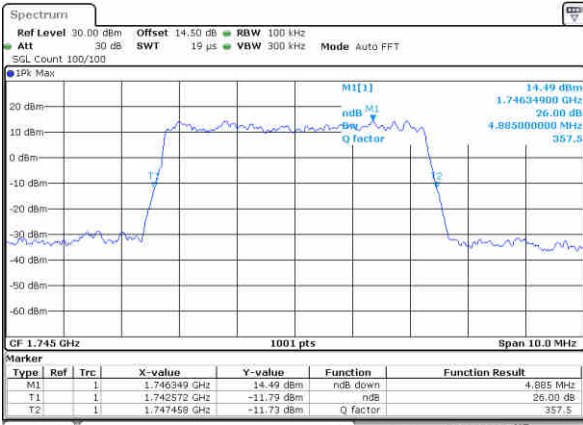
Date: 18, DEC, 2019 11:27:30

Lowest Channel / 10MHz / 64QAM



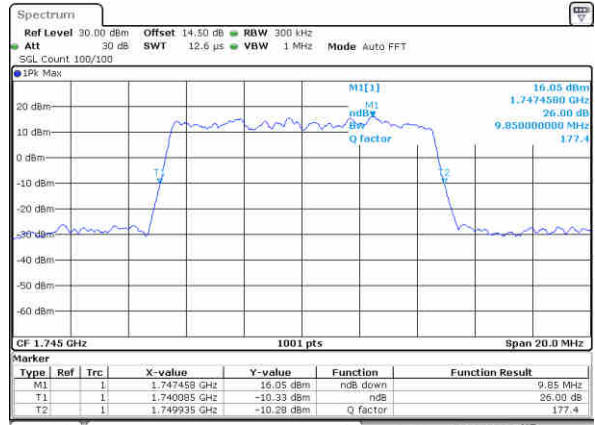
Date: 18, DEC, 2019 16:02:16

Middle Channel / 5MHz / 64QAM



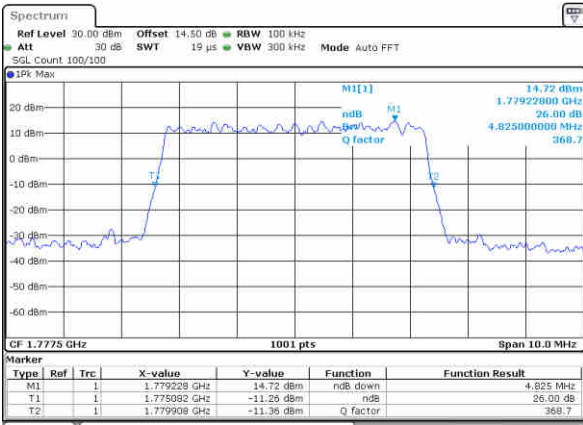
Date: 18, DEC, 2019 11:46:18

Middle Channel / 10MHz / 64QAM



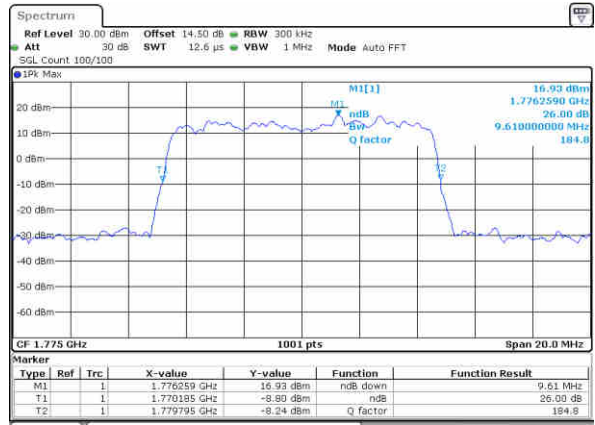
Date: 18, DEC, 2019 12:48:30

Highest Channel / 5MHz / 64QAM



Date: 18, DEC, 2019 11:55:15

Highest Channel / 10MHz / 64QAM

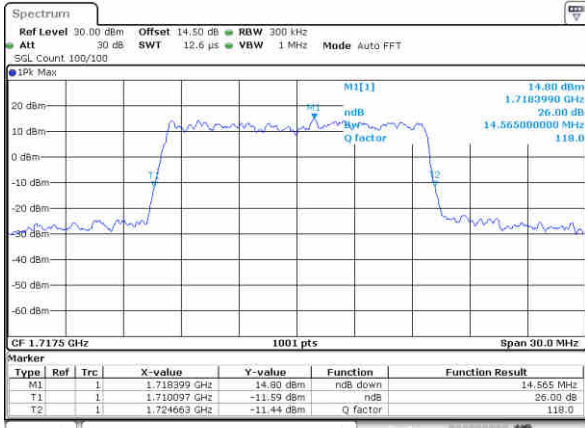


Date: 18, DEC, 2019 12:54:52



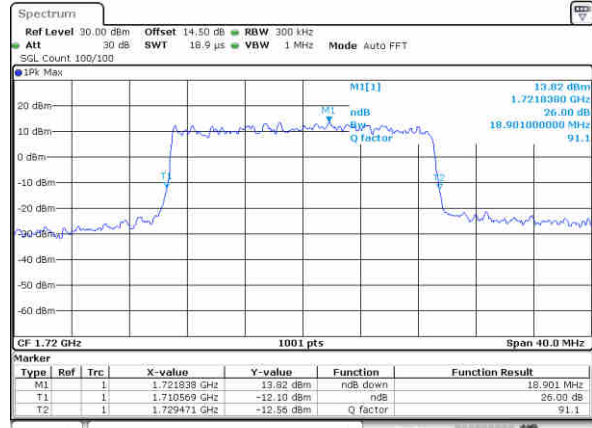
LTE Band 66

Lowest Channel / 15MHz / 64QAM



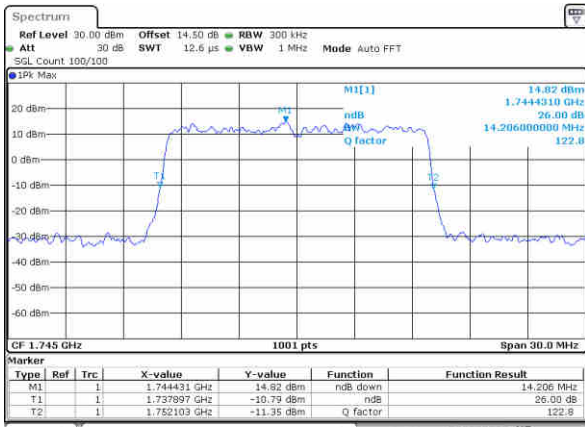
Date: 18, Dec, 2019 14:13:47

Lowest Channel / 20MHz / 64QAM



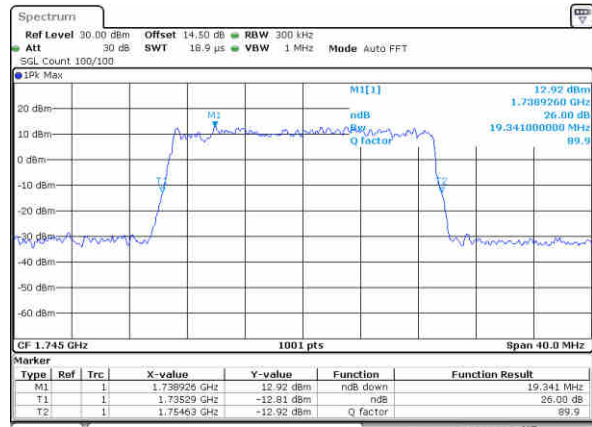
Date: 18, Dec, 2019 13:19:28

Middle Channel / 15MHz / 64QAM



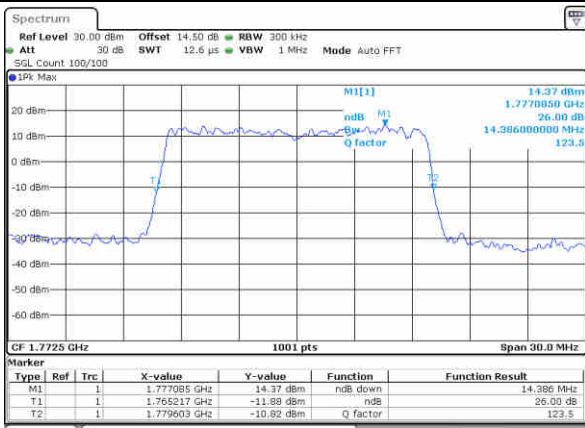
Date: 18, Dec, 2019 13:01:50

Middle Channel / 20MHz / 64QAM



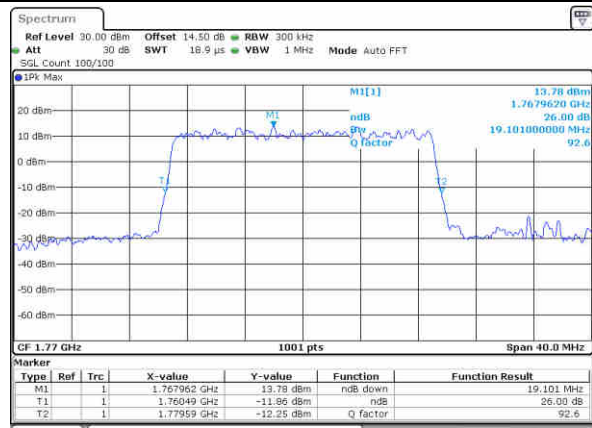
Date: 18, Dec, 2019 13:12:13

Highest Channel / 15MHz / 64QAM



Date: 18, Dec, 2019 13:10:17

Highest Channel / 20MHz / 64QAM



Date: 18, Dec, 2019 13:27:10



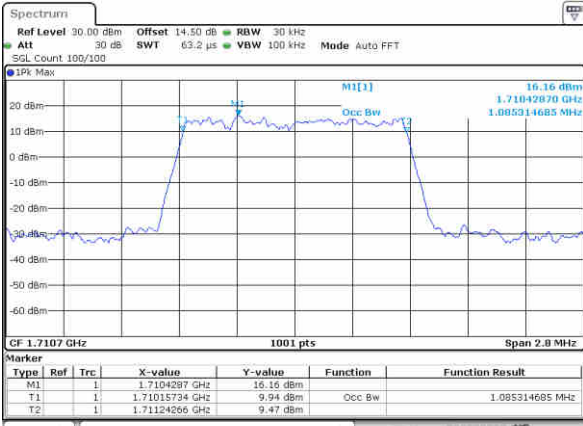
Occupied Bandwidth

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	1.09	1.09	2.71	2.74	4.49	4.50	9.03	9.01	13.40	13.46	17.86	17.90
Middle CH	1.09	1.08	2.72	2.72	4.49	4.49	9.05	8.97	13.46	13.43	17.82	17.82
Highest CH	1.08	1.09	2.71	2.72	4.51	4.50	8.93	8.97	13.43	13.43	17.90	17.86
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10	-	2.72	-	4.49	-	8.95	-	13.43	-	17.82	-
Middle CH	1.10	-	2.71	-	4.49	-	9.01	-	13.52	-	17.86	-
Highest CH	1.09	-	2.70	-	4.50	-	8.91	-	13.49	-	17.94	-



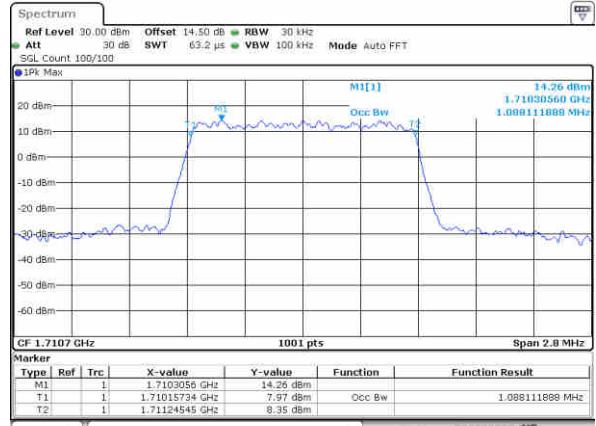
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



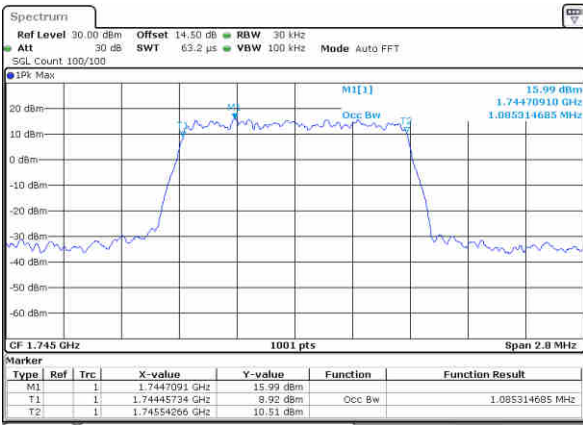
Date: 18, DEC, 2019 15:13:35

Lowest Channel / 1.4MHz / 16QAM



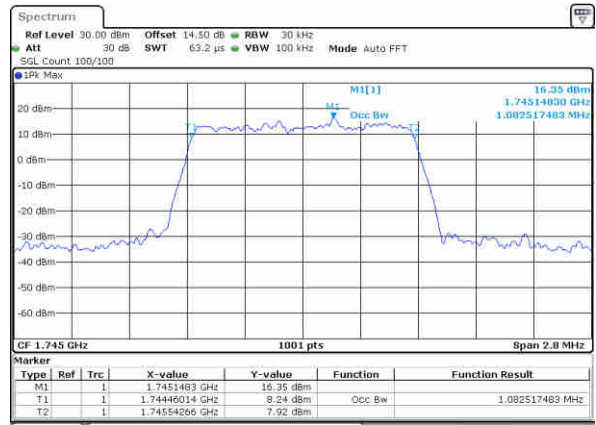
Date: 18, DEC, 2019 15:13:44

Middle Channel / 1.4MHz / QPSK



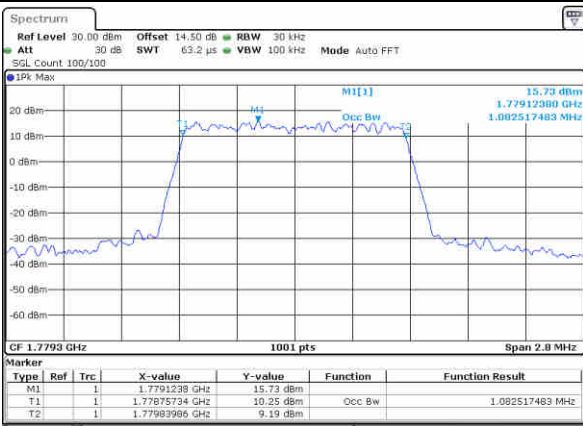
Date: 18, DEC, 2019 11:57:17

Middle Channel / 1.4MHz / 16QAM



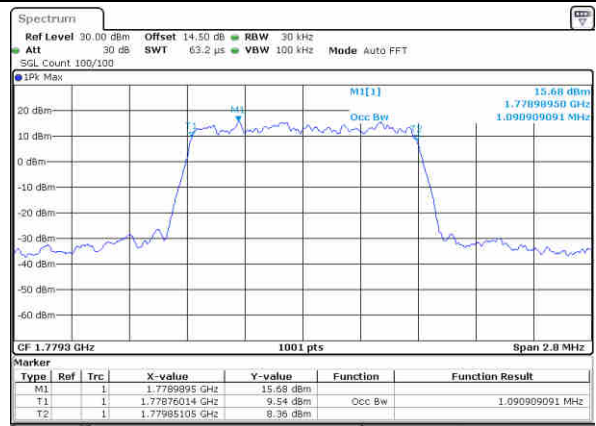
Date: 18, DEC, 2019 11:57:48

Highest Channel / 1.4MHz / QPSK



Date: 18, DEC, 2019 12:12:41

Highest Channel / 1.4MHz / 16QAM

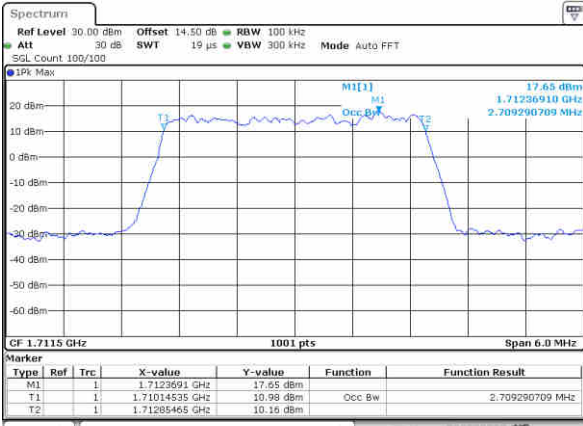


Date: 18, DEC, 2019 12:17:01



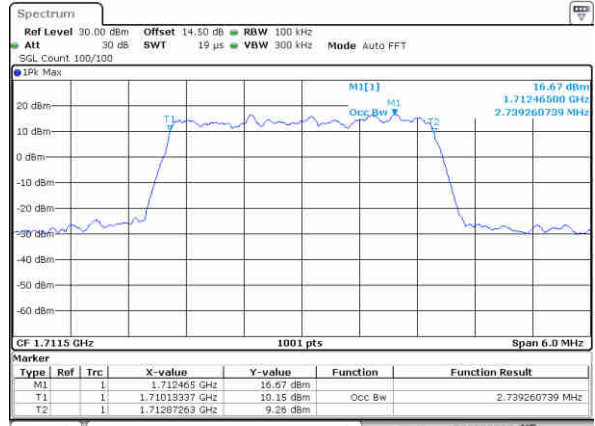
LTE Band 66

Lowest Channel / 3MHz / QPSK



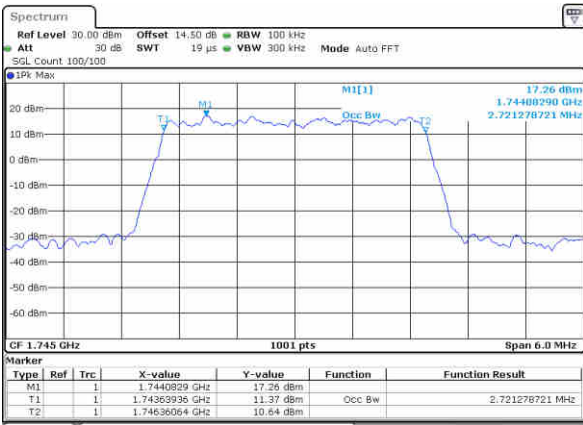
Date: 18, DEC, 2019 15:46:40

Lowest Channel / 3MHz / 16QAM



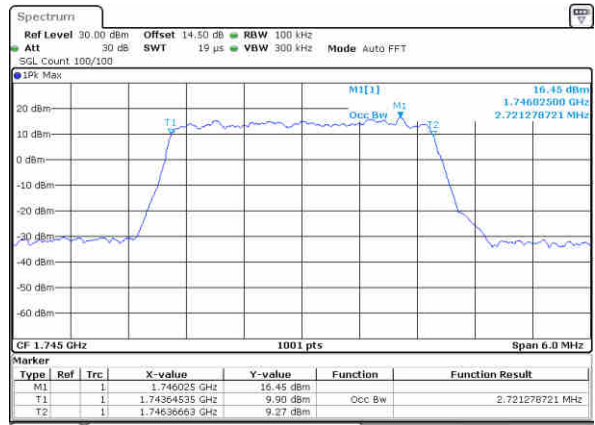
Date: 18, DEC, 2019 15:48:21

Middle Channel / 3MHz / QPSK



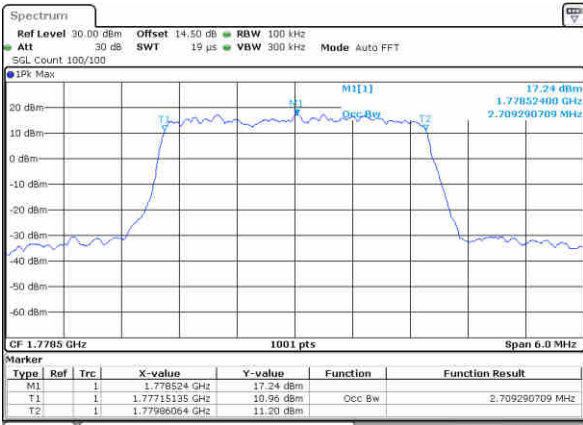
Date: 18, DEC, 2019 12:31:09

Middle Channel / 3MHz / 16QAM



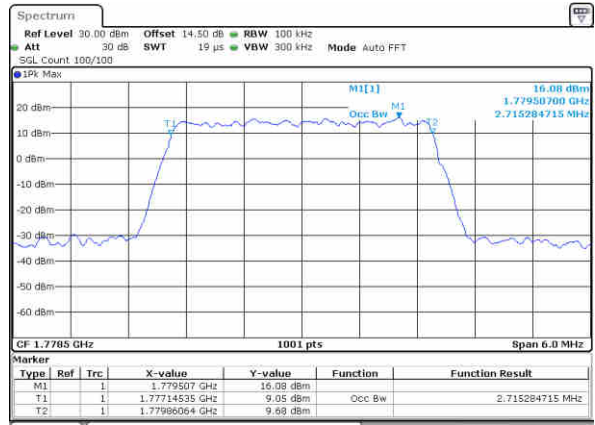
Date: 18, DEC, 2019 12:31:53

Highest Channel / 3MHz / QPSK



Date: 18, DEC, 2019 12:36:38

Highest Channel / 3MHz / 16QAM

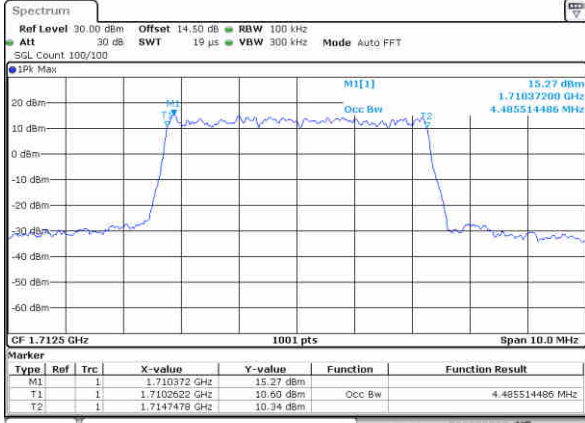


Date: 18, DEC, 2019 12:37:58



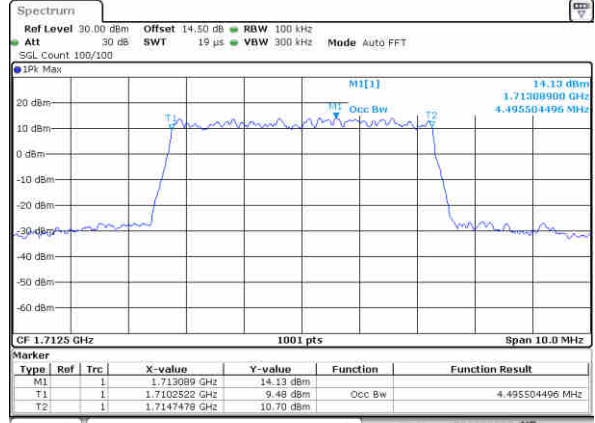
LTE Band 66

Lowest Channel / 5MHz / QPSK



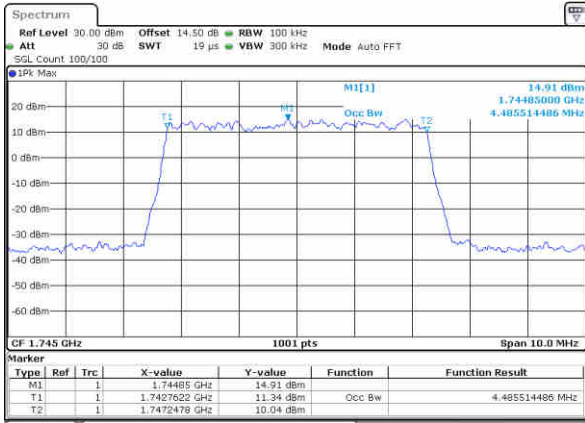
Date: 18, DEC, 2019 11:25:23

Lowest Channel / 5MHz / 16QAM



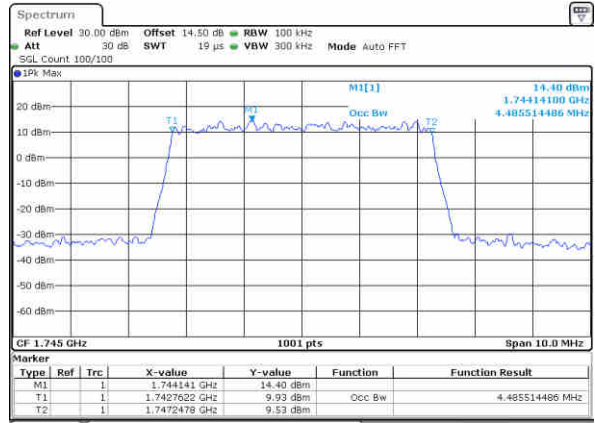
Date: 18, DEC, 2019 11:26:15

Middle Channel / 5MHz / QPSK



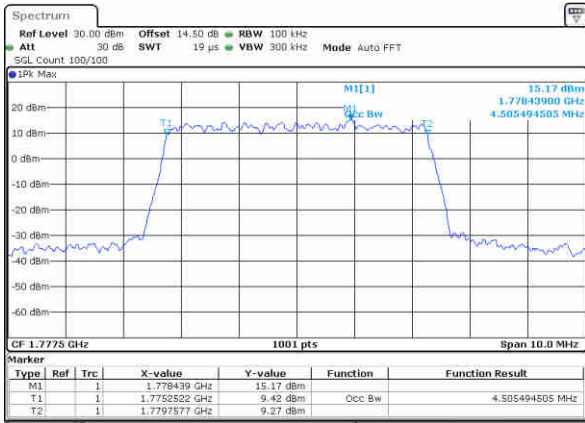
Date: 18, DEC, 2019 11:45:06

Middle Channel / 5MHz / 16QAM



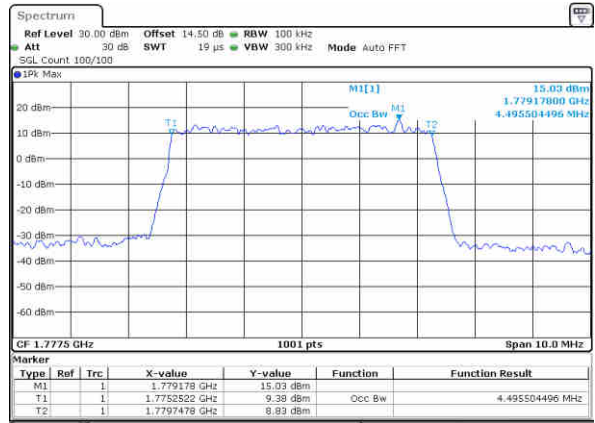
Date: 18, DEC, 2019 11:45:49

Highest Channel / 5MHz / QPSK



Date: 18, DEC, 2019 11:53:42

Highest Channel / 5MHz / 16QAM

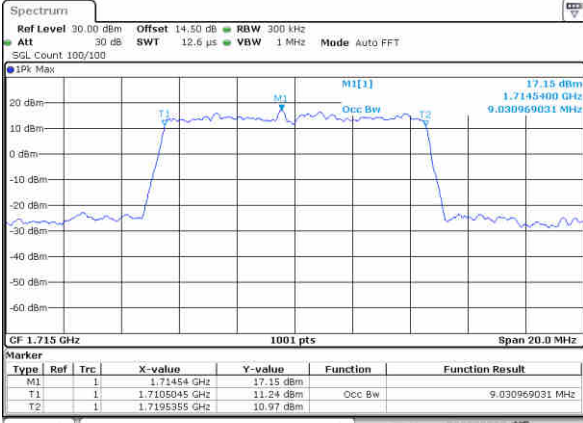


Date: 18, DEC, 2019 11:54:21



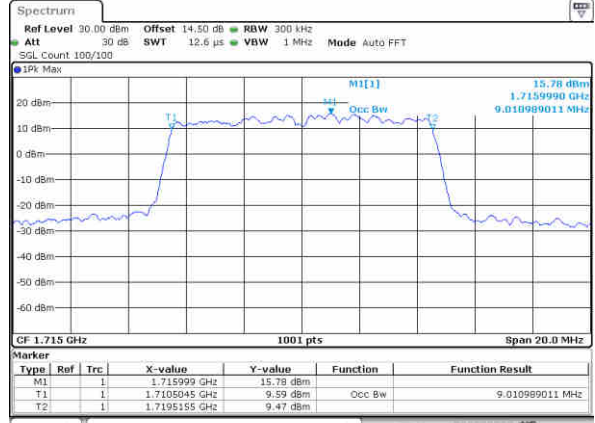
LTE Band 66

Lowest Channel / 10MHz / QPSK



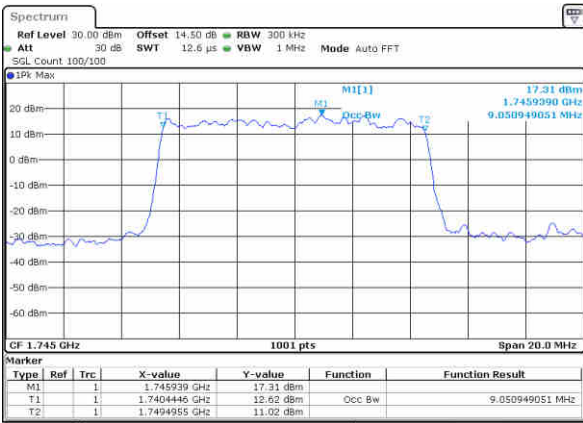
Date: 18, DEC, 2019 16:00:45

Lowest Channel / 10MHz / 16QAM



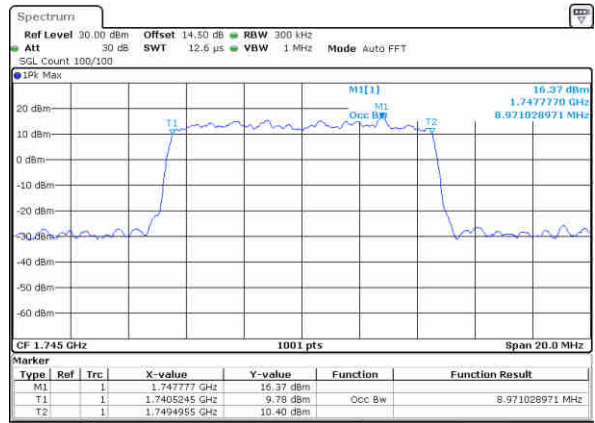
Date: 18, DEC, 2019 16:01:31

Middle Channel / 10MHz / QPSK



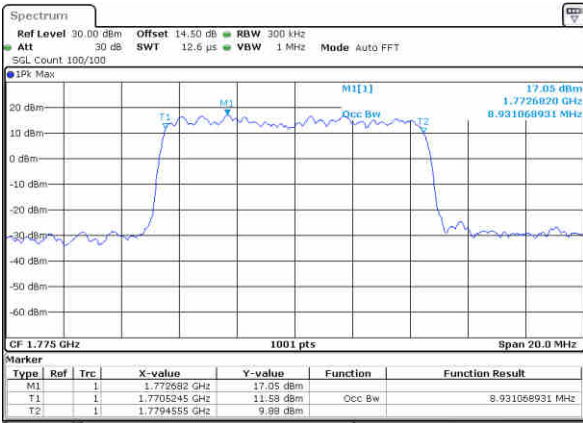
Date: 18, DEC, 2019 12:47:40

Middle Channel / 10MHz / 16QAM



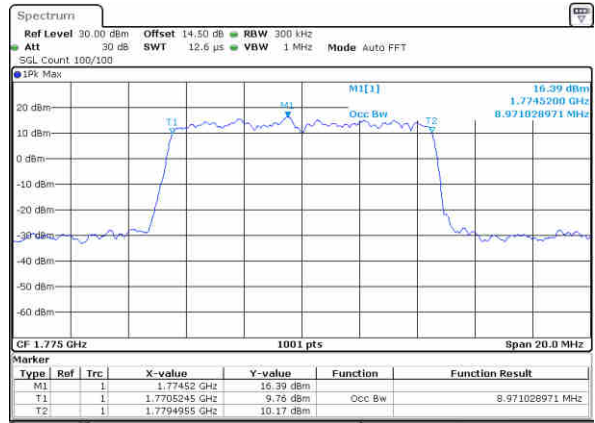
Date: 18, DEC, 2019 12:48:02

Highest Channel / 10MHz / QPSK



Date: 18, DEC, 2019 12:51:47

Highest Channel / 10MHz / 16QAM

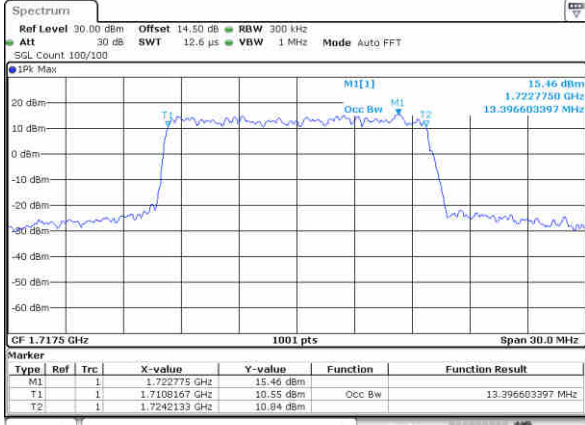


Date: 18, DEC, 2019 12:53:22



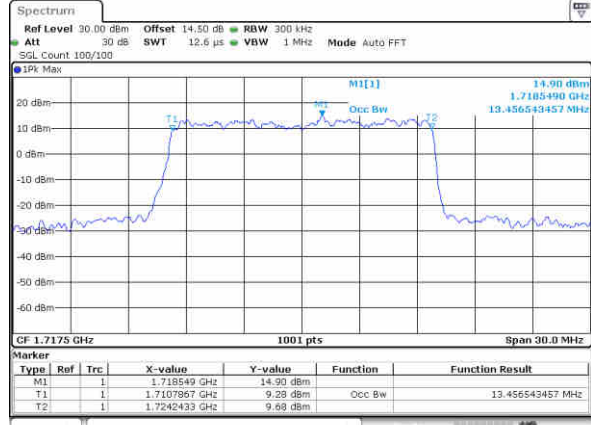
LTE Band 66

Lowest Channel / 15MHz / QPSK



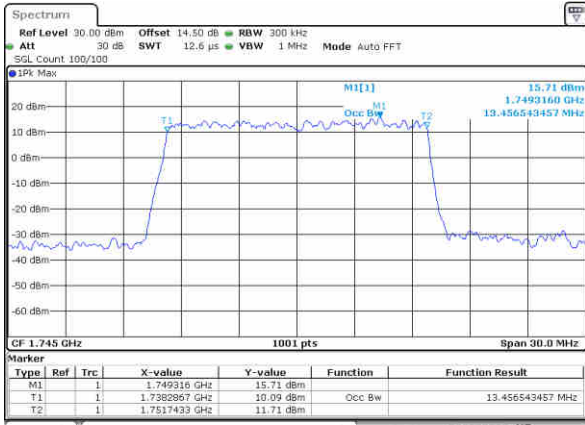
Date: 18, Dec, 2019 14:12:27

Lowest Channel / 15MHz / 16QAM



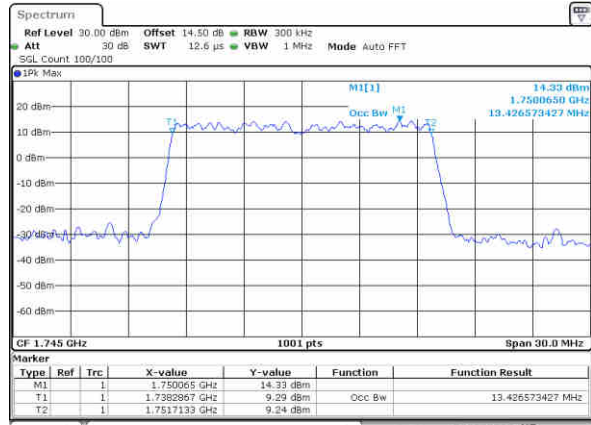
Date: 18, Dec, 2019 14:13:04

Middle Channel / 15MHz / QPSK



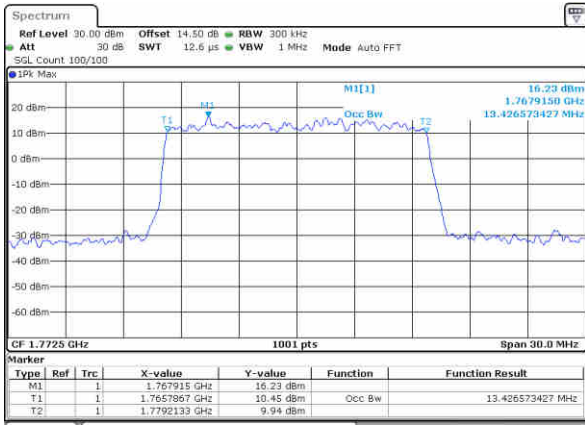
Date: 18, Dec, 2019 13:09:41

Middle Channel / 15MHz / 16QAM



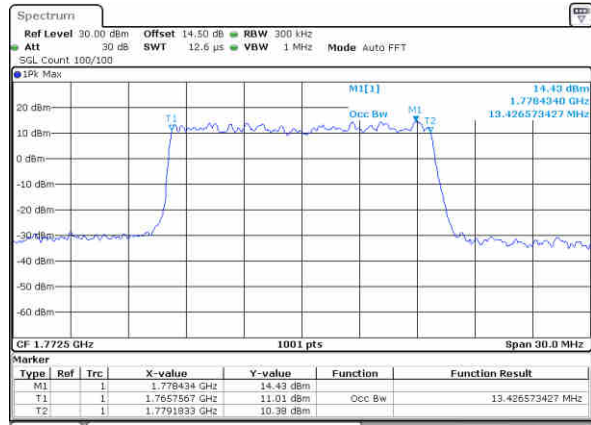
Date: 18, Dec, 2019 13:10:10

Highest Channel / 15MHz / QPSK



Date: 18, Dec, 2019 13:10:10

Highest Channel / 15MHz / 16QAM

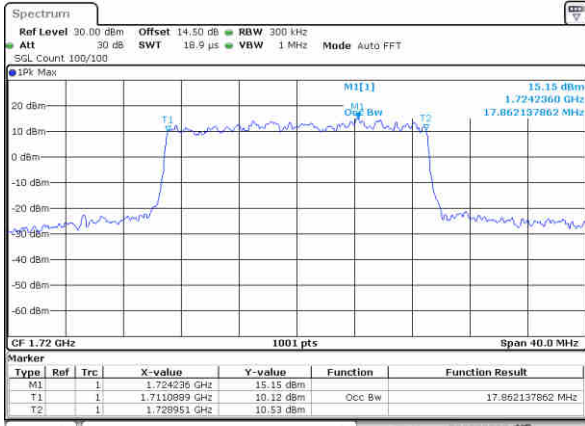


Date: 18, Dec, 2019 13:10:19



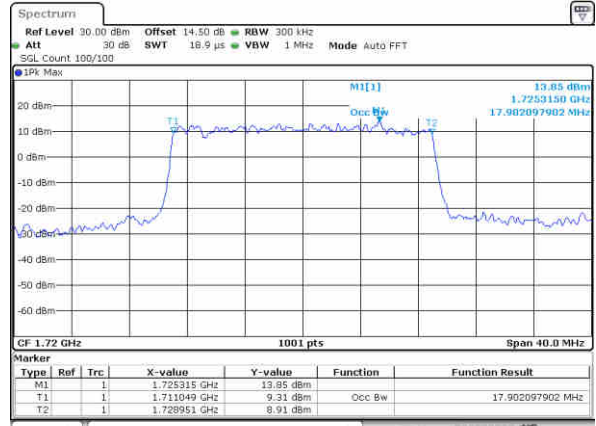
LTE Band 66

Lowest Channel / 20MHz / QPSK



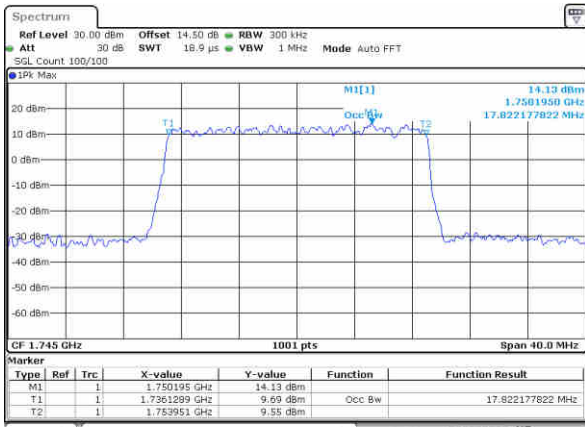
Date: 18, Dec, 2019 13:18:11

Lowest Channel / 20MHz / 16QAM



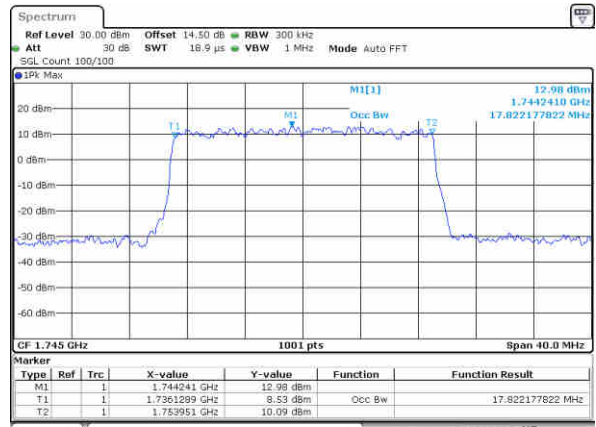
Date: 18, Dec, 2019 13:18:49

Middle Channel / 20MHz / QPSK



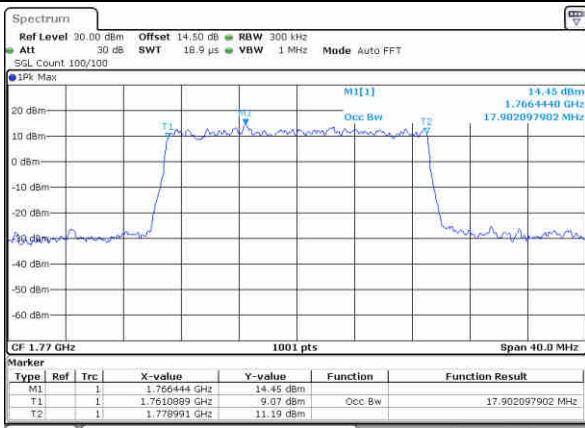
Date: 18, Dec, 2019 13:11:10

Middle Channel / 20MHz / 16QAM



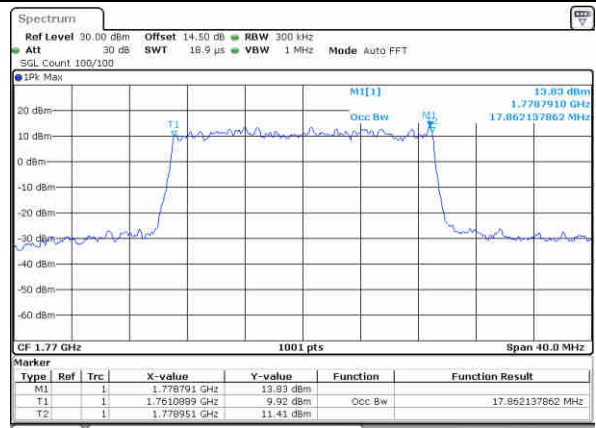
Date: 18, Dec, 2019 13:11:42

Highest Channel / 20MHz / QPSK



Date: 18, Dec, 2019 13:24:49

Highest Channel / 20MHz / 16QAM

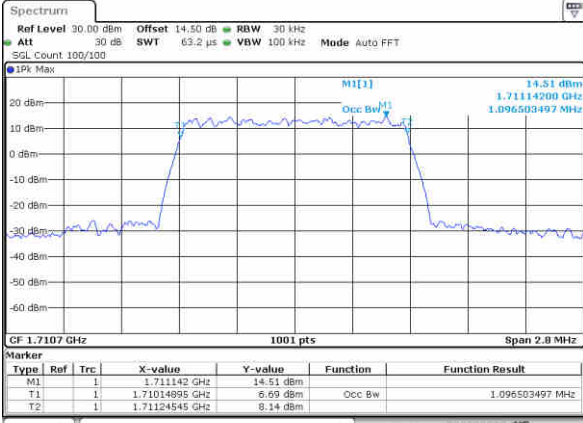


Date: 18, Dec, 2019 13:26:14



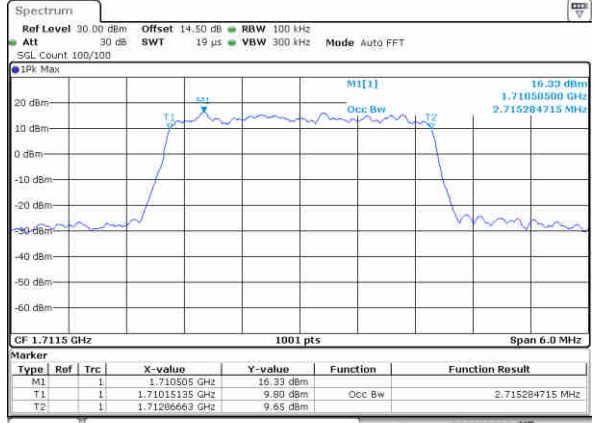
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



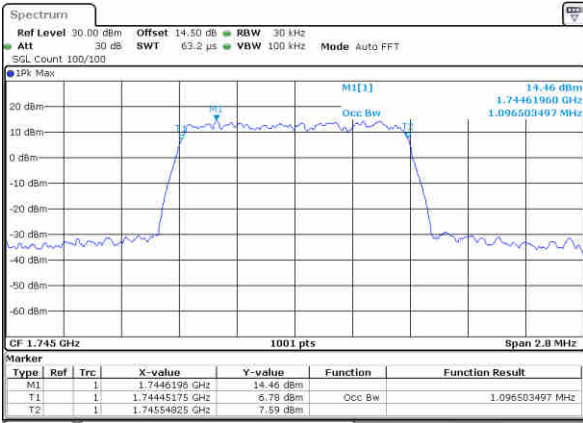
Date: 18, DEC, 2019 15:27:24

Lowest Channel / 3MHz / 64QAM



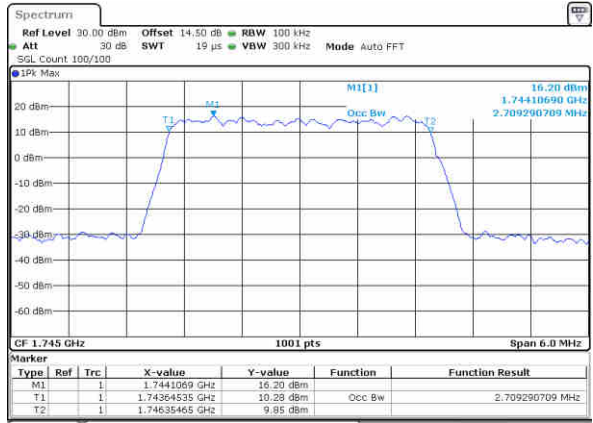
Date: 18, DEC, 2019 15:49:27

Middle Channel / 20MHz / 64QAM



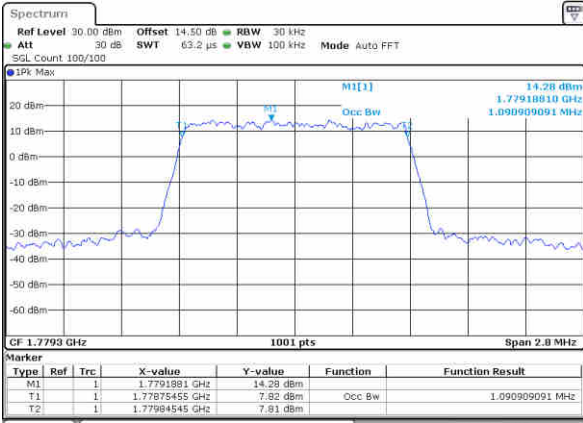
Date: 18, DEC, 2019 11:58:00

Middle Channel / 3MHz / 64QAM



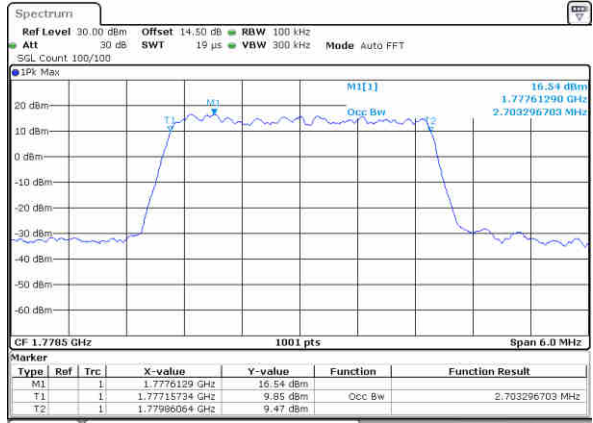
Date: 18, DEC, 2019 12:31:50

Highest Channel / 20MHz / 64QAM



Date: 18, DEC, 2019 12:28:00

Highest Channel / 3MHz / 64QAM

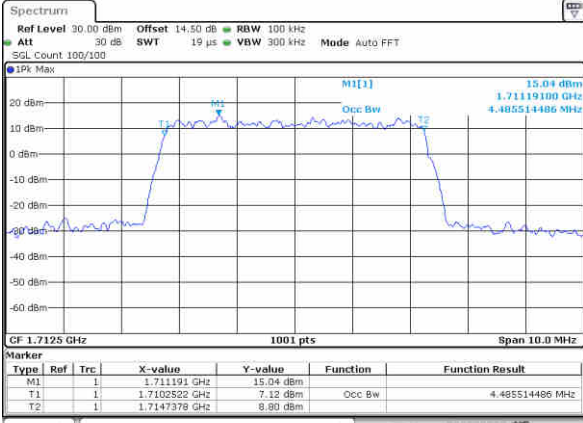


Date: 18, DEC, 2019 12:39:04



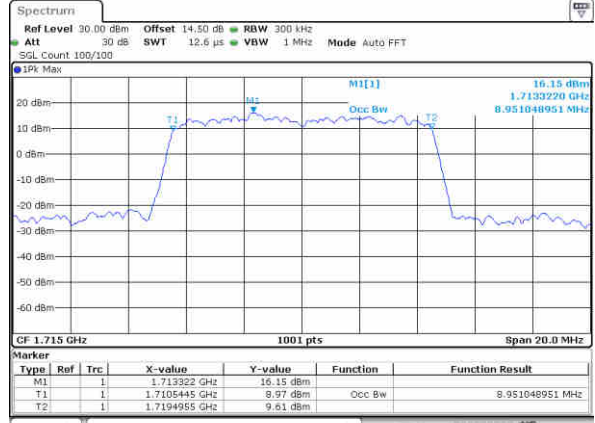
LTE Band 66

Lowest Channel / 5MHz / 64QAM



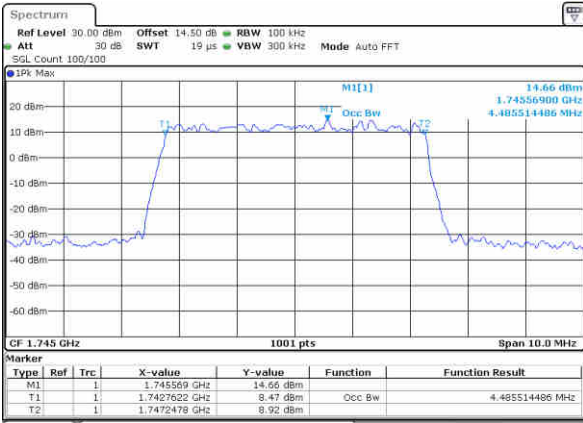
Date: 18, Dec, 2019 11:27:22

Lowest Channel / 10MHz / 64QAM



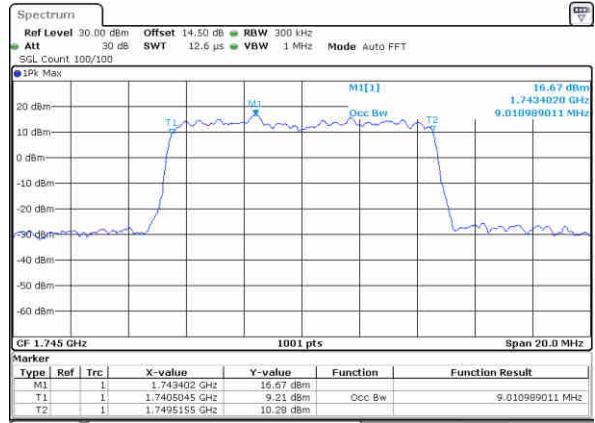
Date: 18, Dec, 2019 16:02:08

Middle Channel / 5MHz / 64QAM



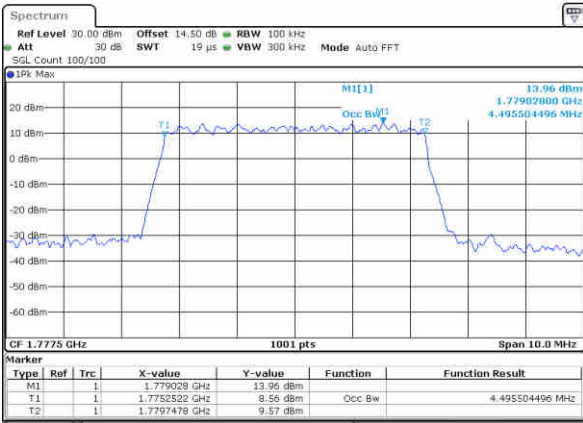
Date: 18, Dec, 2019 11:46:11

Middle Channel / 10MHz / 64QAM



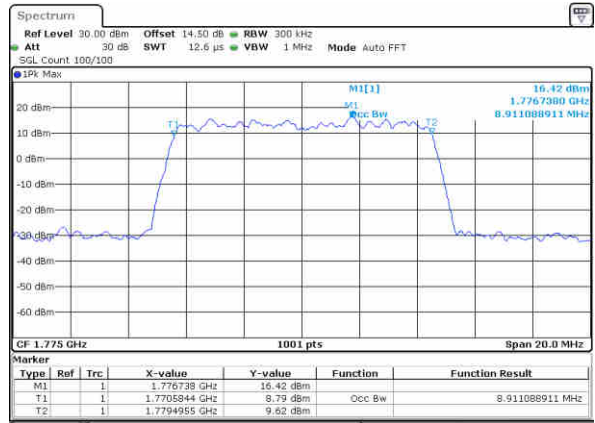
Date: 18, Dec, 2019 12:49:22

Highest Channel / 5MHz / 64QAM



Date: 18, Dec, 2019 11:55:08

Highest Channel / 10MHz / 64QAM

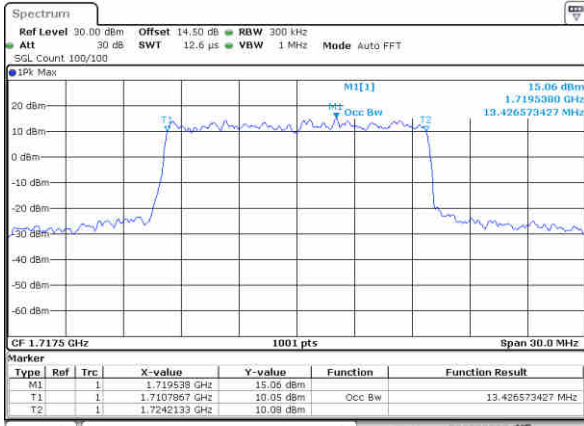


Date: 18, Dec, 2019 12:54:44



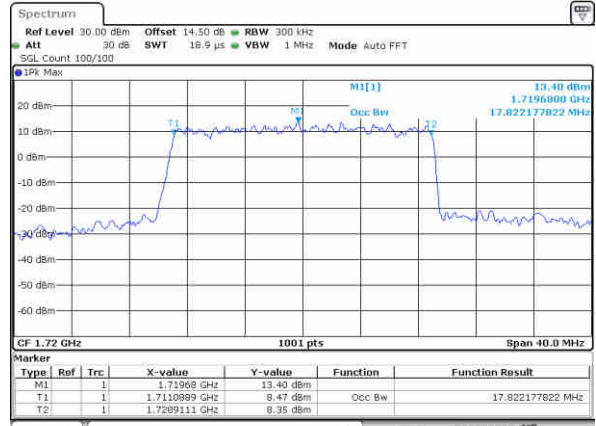
LTE Band 66

Lowest Channel / 15MHz / 64QAM



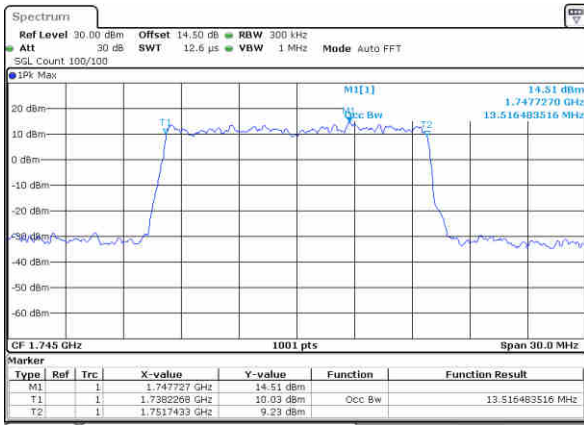
Date: 18, DEC, 2019 14:13:40

Lowest Channel / 20MHz / 64QAM



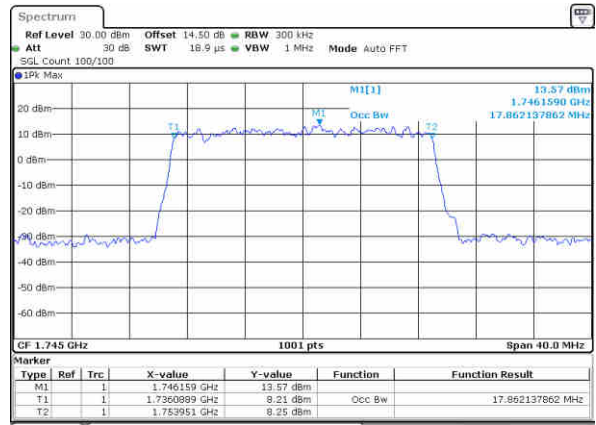
Date: 18, DEC, 2019 13:11:21

Middle Channel / 15MHz / 64QAM



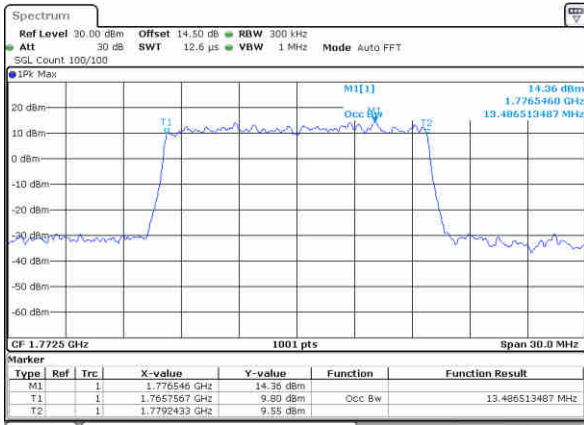
Date: 18, DEC, 2019 13:01:23

Middle Channel / 20MHz / 64QAM



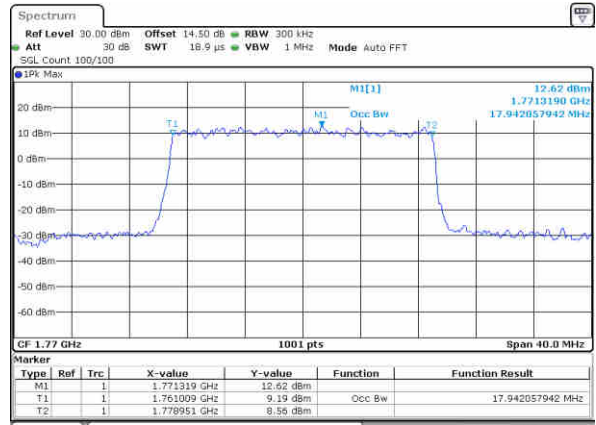
Date: 18, DEC, 2019 13:12:05

Highest Channel / 15MHz / 64QAM



Date: 18, DEC, 2019 13:10:09

Highest Channel / 20MHz / 64QAM



Date: 18, DEC, 2019 13:26:59