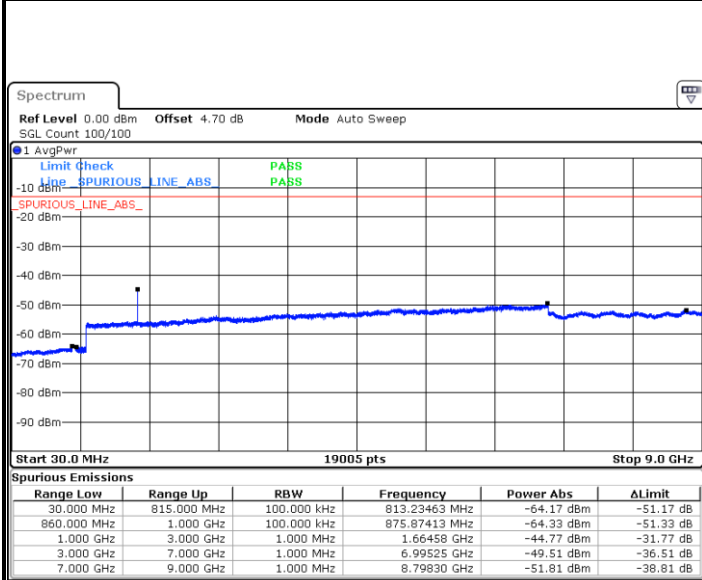




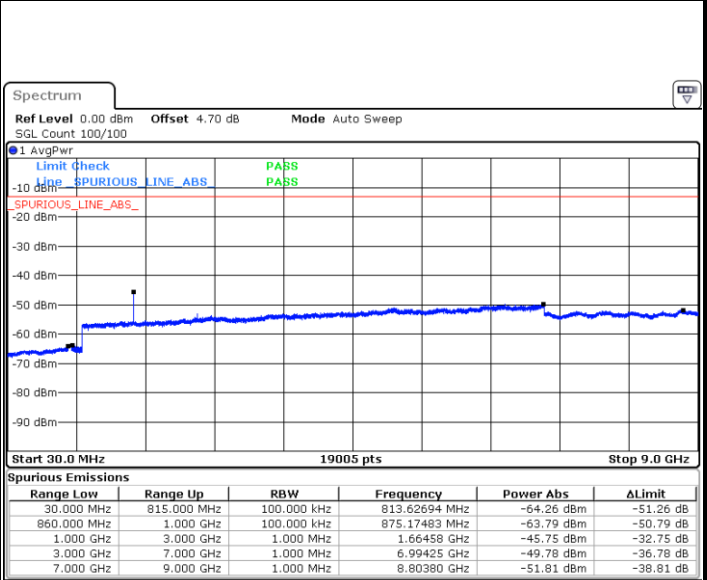
LTE Band 26 / 10MHz

Middle Channel / QPSK



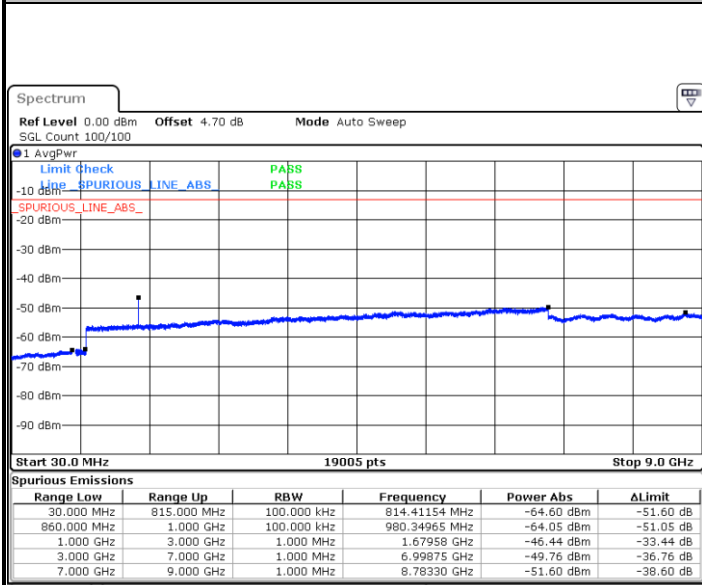
Date: 30 AUG 2020 05:38:12

Middle Channel / 16QAM



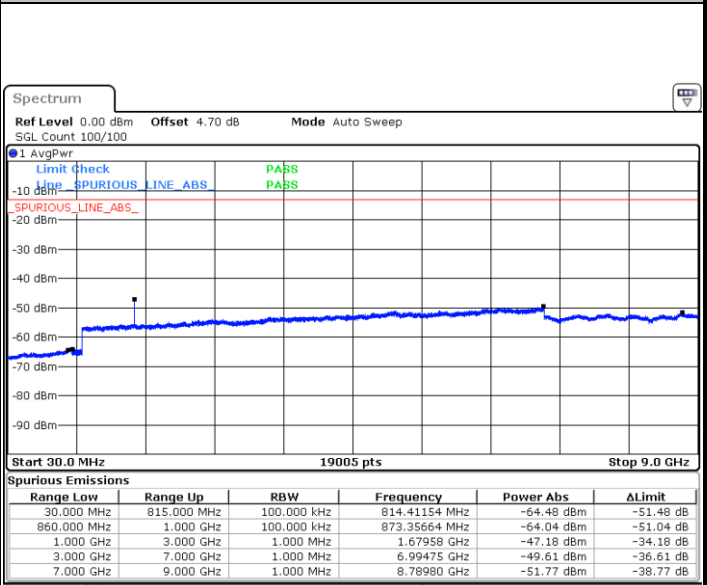
Date: 30 AUG 2020 05:37:44

Highest Channel / QPSK



Date: 30 AUG 2020 05:43:47

Highest Channel / 16QAM



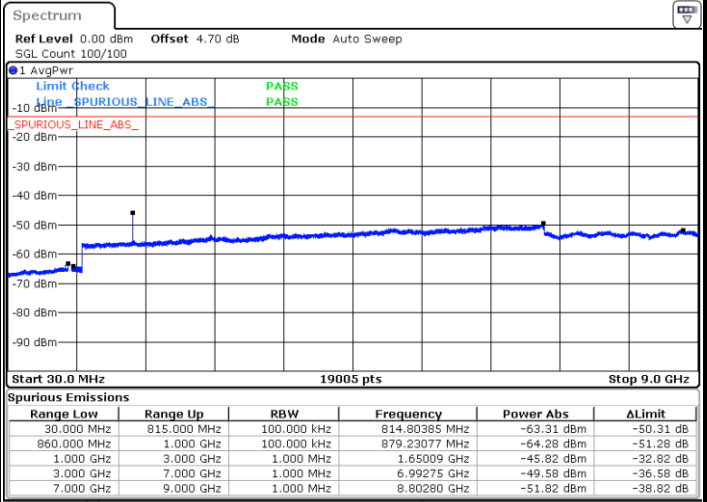
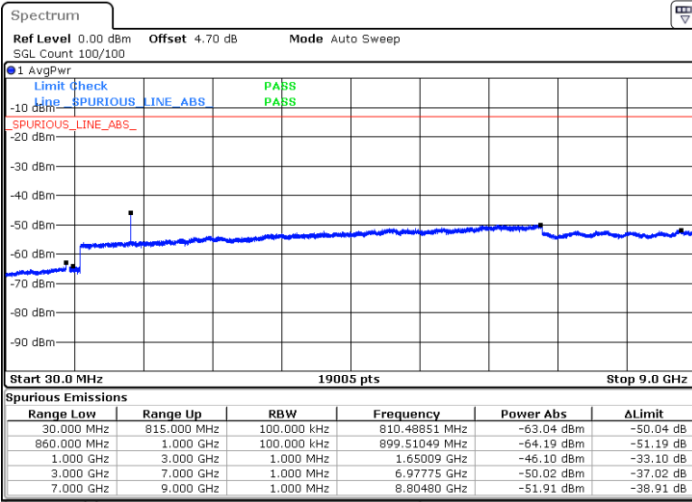
Date: 30 AUG 2020 05:44:12



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

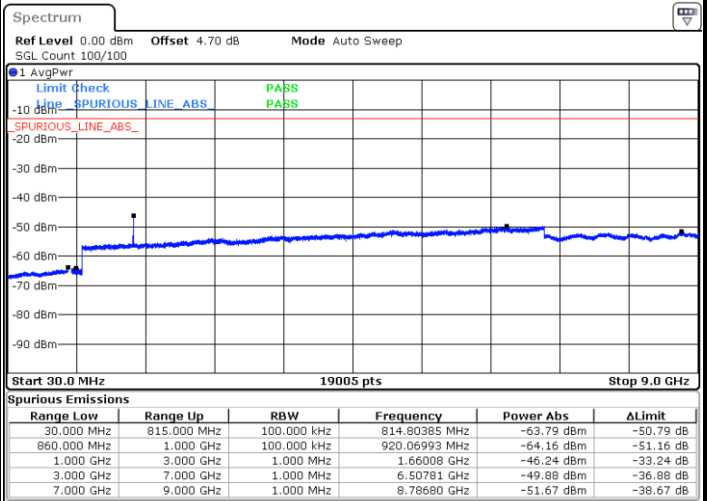
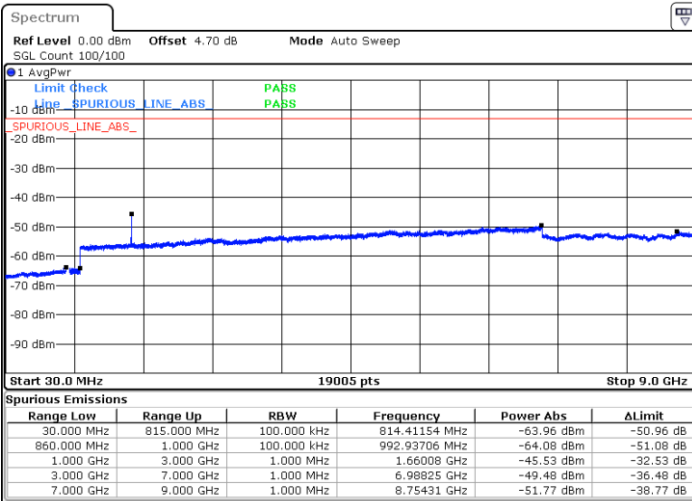


Date: 30 AUG 2020 05:52:22

Date: 30 AUG 2020 05:51:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 30 AUG 2020 05:57:42

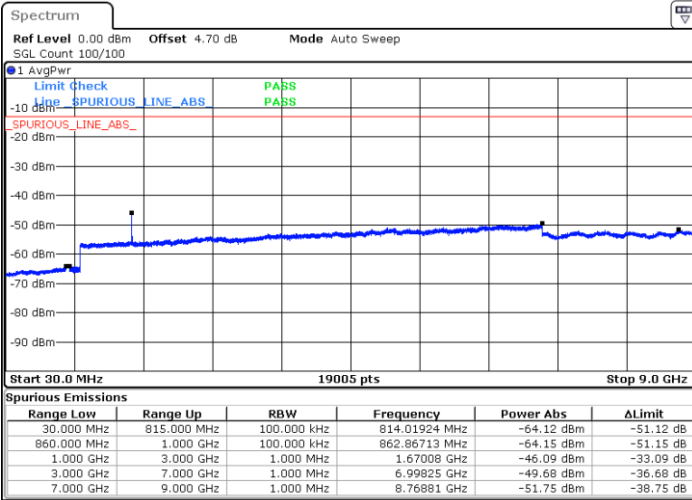
Date: 30 AUG 2020 05:56:55



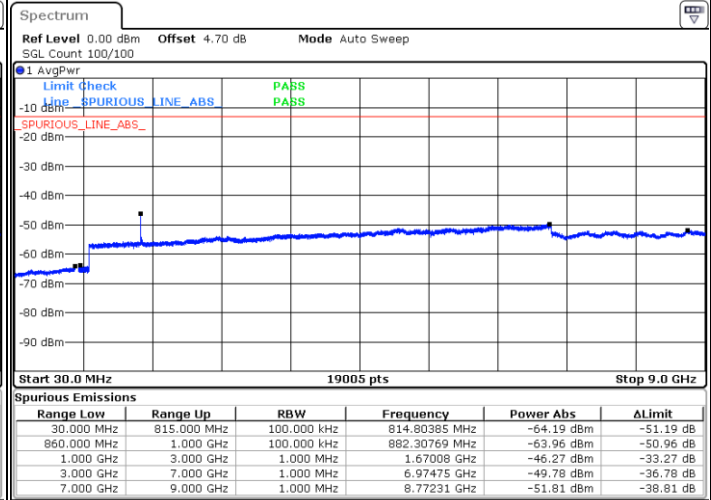
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30.AUG.2020 06:04:10



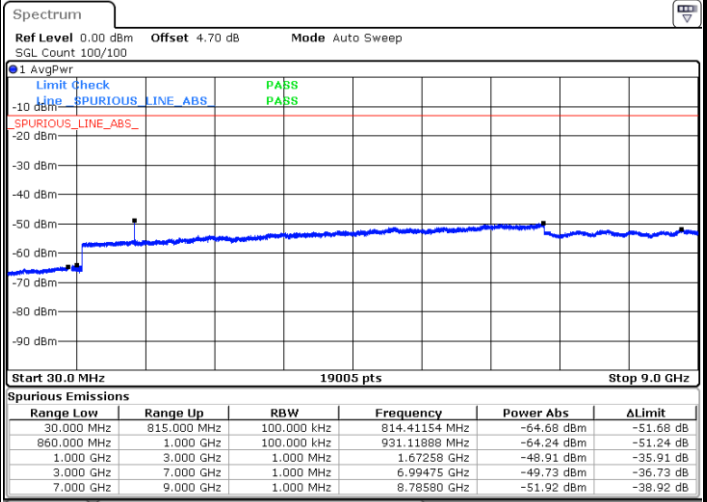
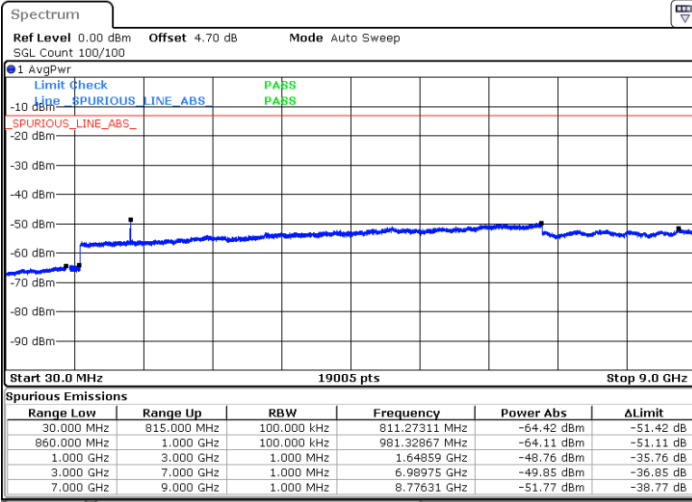
Date: 30.AUG.2020 06:04:48



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

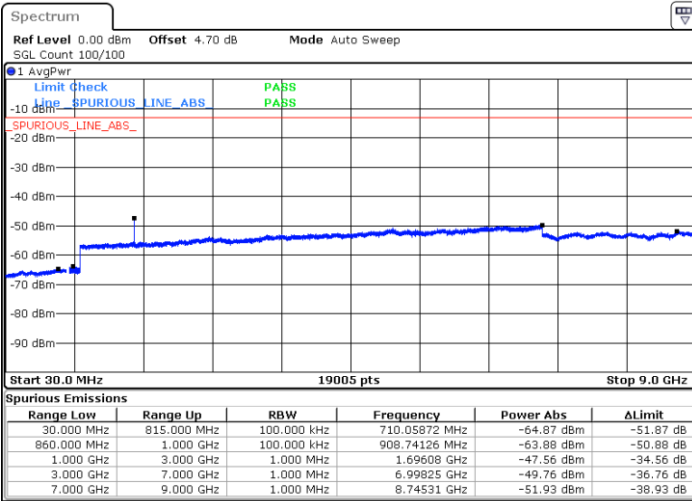
Middle Channel / 64QAM



Date: 30 AUG.2020 03:41:28

Date: 30 AUG.2020 03:48:26

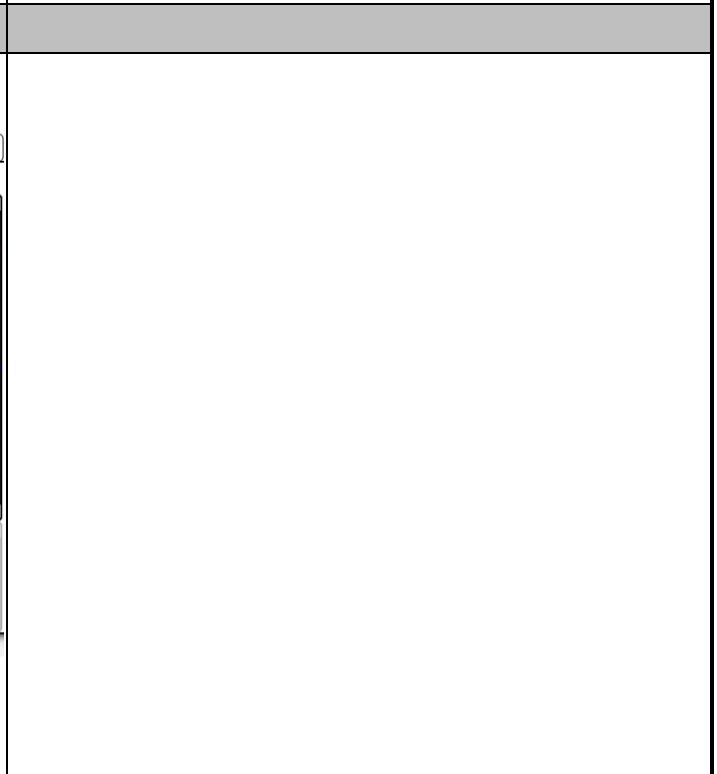
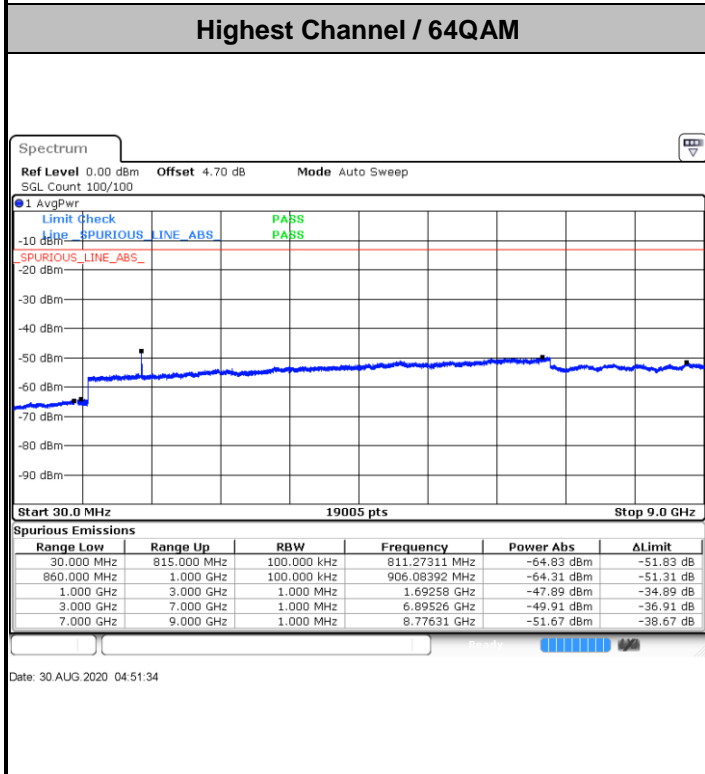
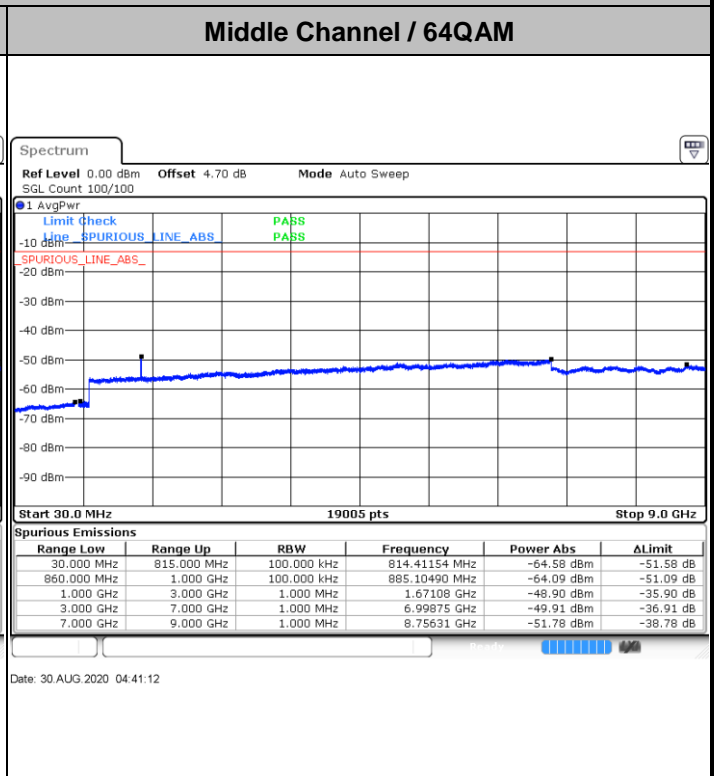
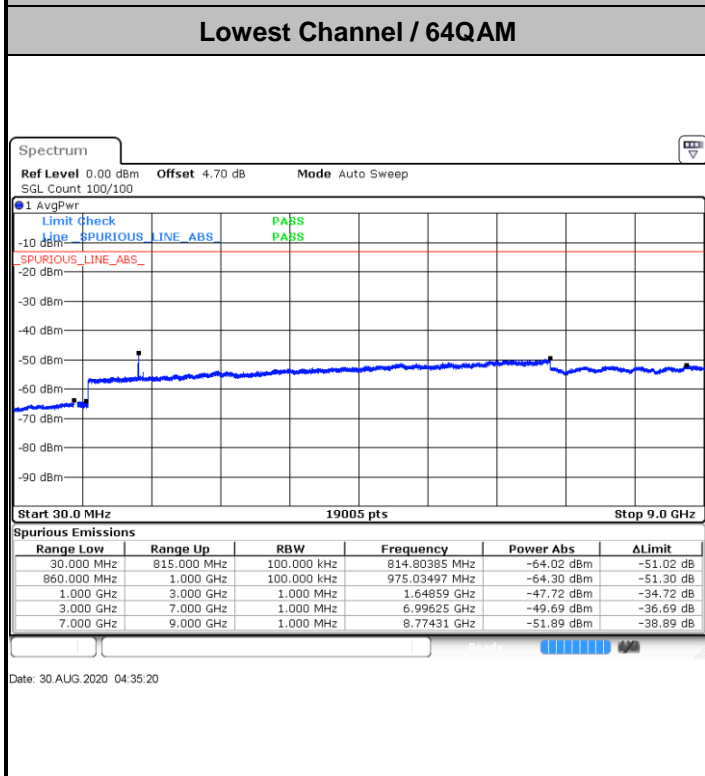
Highest Channel / 64QAM



Date: 30 AUG.2020 04:25:11



LTE Band 26 / 3MHz

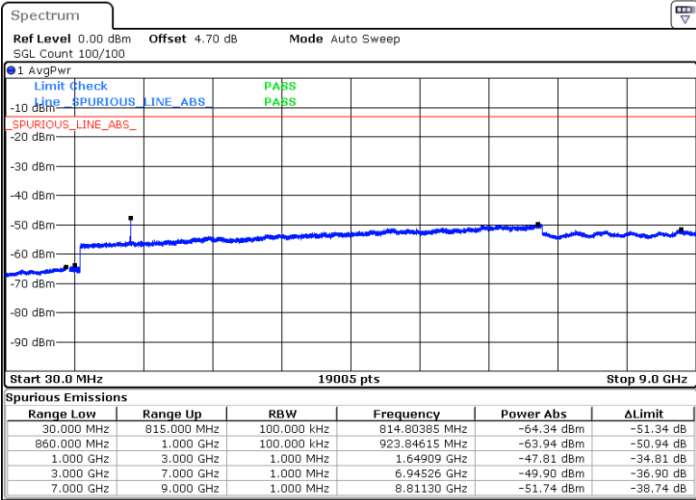




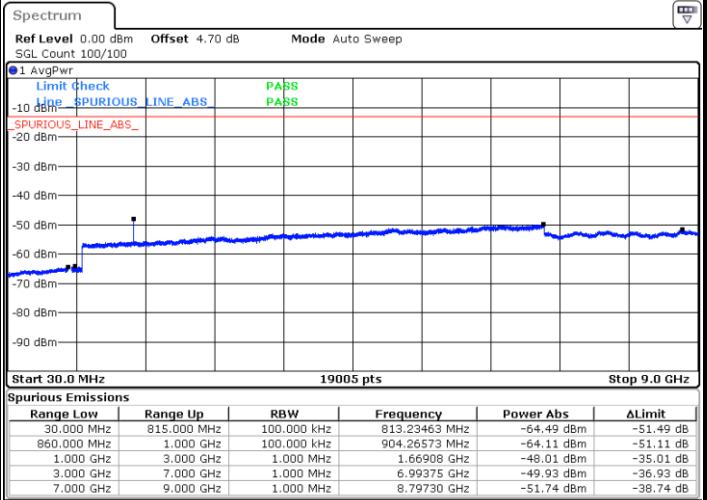
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

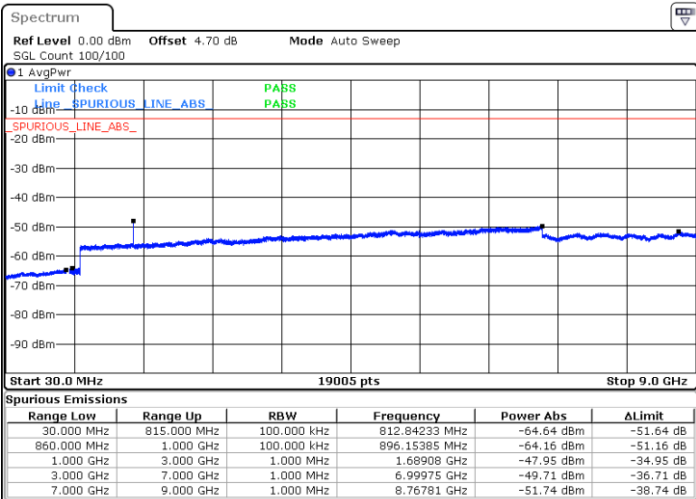


Date: 30 AUG.2020 05:17:09



Date: 30 AUG.2020 05:21:11

Highest Channel / 64QAM



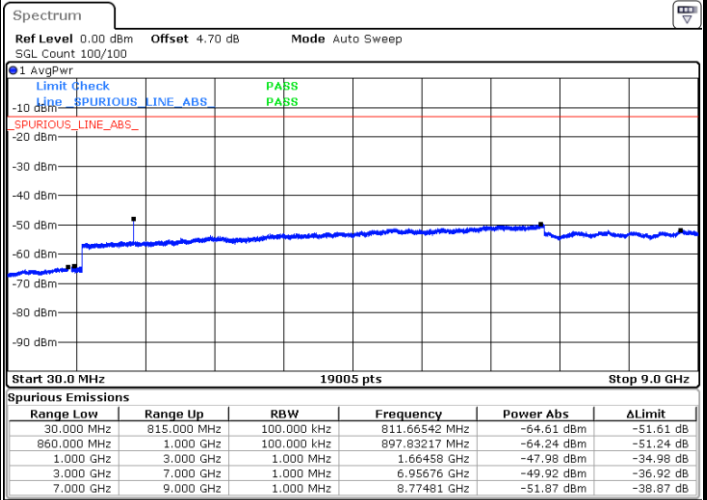
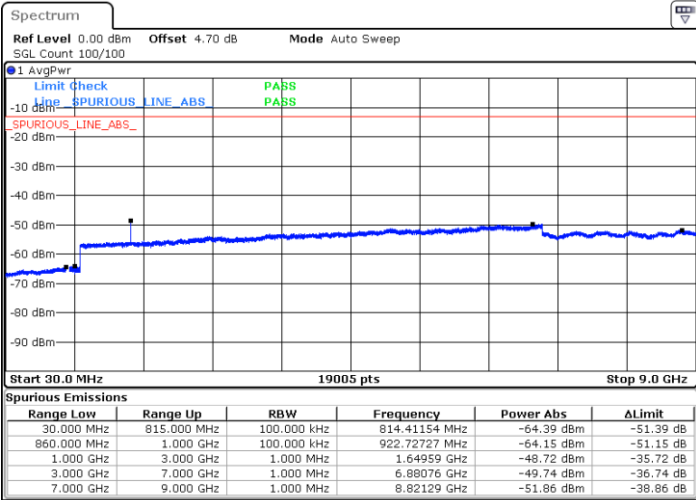
Date: 30 AUG.2020 05:29:12



LTE Band 26 / 10MHz

Lowest Channel / 64QAM

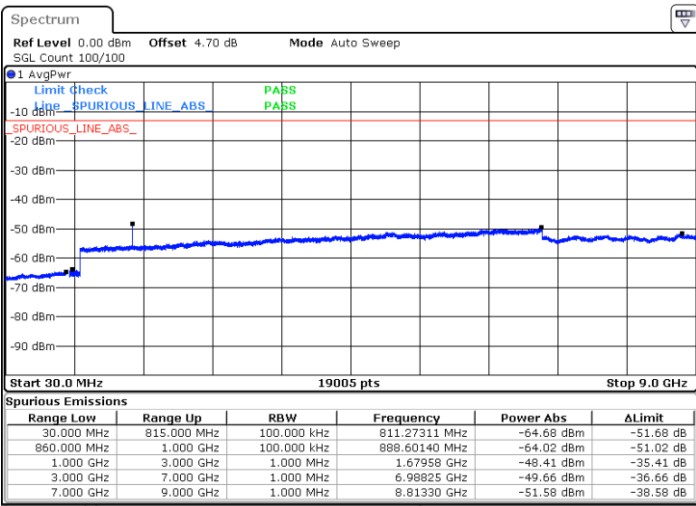
Middle Channel / 64QAM



Date: 30 AUG.2020 05:33:43

Date: 30 AUG.2020 05:37:18

Highest Channel / 64QAM



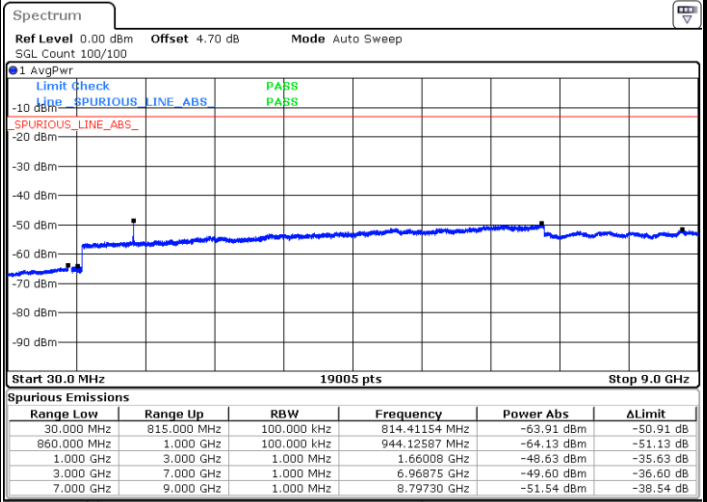
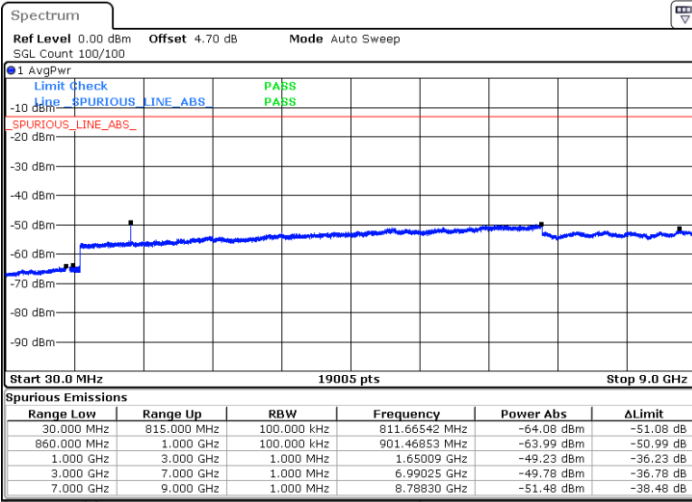
Date: 30 AUG.2020 05:44:39



LTE Band 26 / 15MHz

Lowest Channel / 64QAM

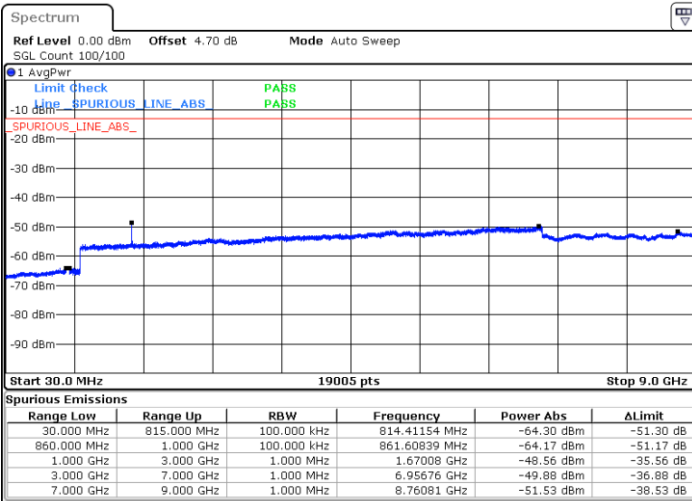
Middle Channel / 64QAM



Date: 30 AUG 2020 05:49:58

Date: 30 AUG 2020 05:56:18

Highest Channel / 64QAM



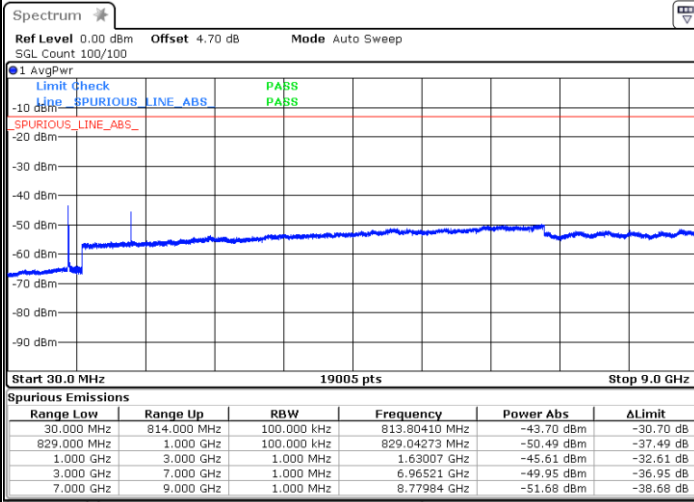
Date: 30 AUG 2020 06:05:42



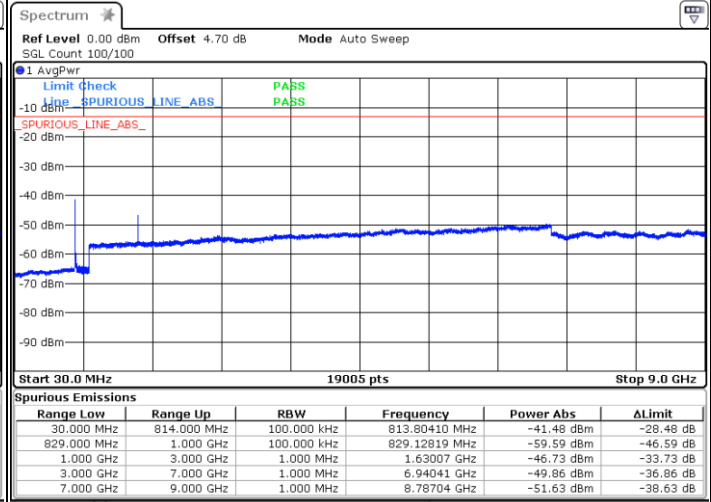
LTE Band 26 / 15MHz

Channel 26765/ QPSK

Channel 26765/ 16QAM

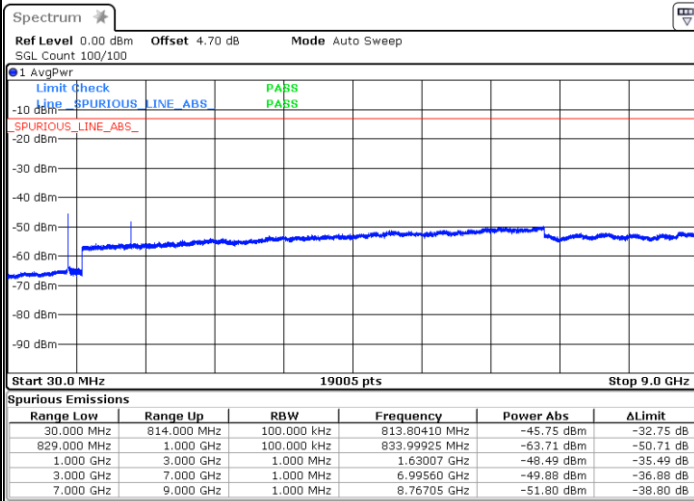


Date: 29 AUG.2020 23:45:15



Date: 29 AUG.2020 23:44:45

Channel 26765/ 64QAM



Date: 29 AUG.2020 23:44:12



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	0.0088	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0092	
0	Normal Voltage	0.0067	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0083	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.



LTE Band 66

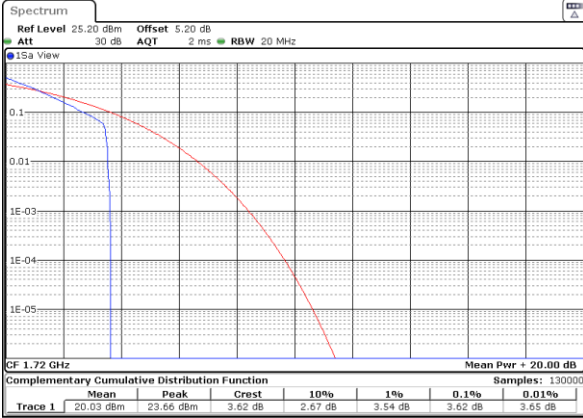
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	5.25	5.51	6.09	PASS
Middle CH	3.45	5.10	5.25	5.97	
Highest CH	3.59	4.99	5.04	5.86	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.38	6.52	-	-	PASS
Middle CH	7.28	6.55	-	-	
Highest CH	6.75	6.46	-	-	



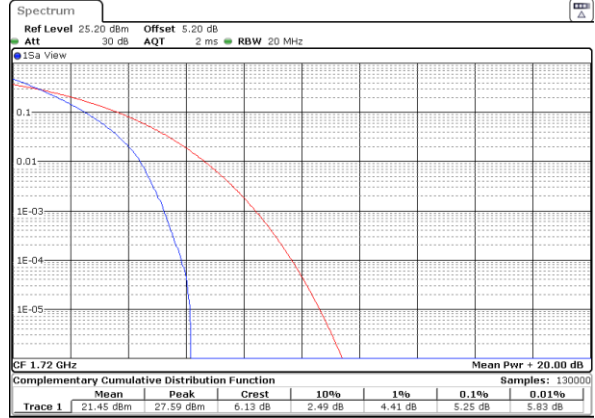
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



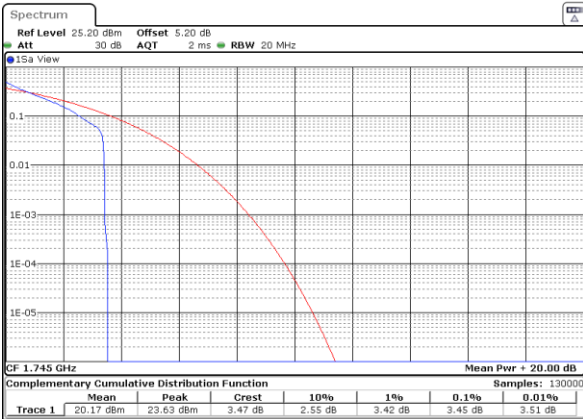
Date: 29_AUG.2020 23:32:10

Lowest Channel / Full RB



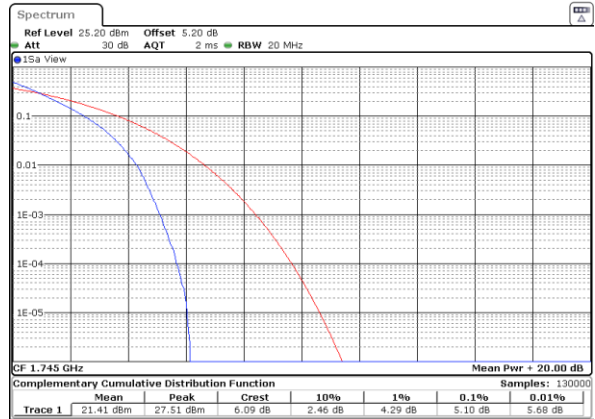
Date: 29_AUG.2020 23:12:41

Middle Channel / 1RB



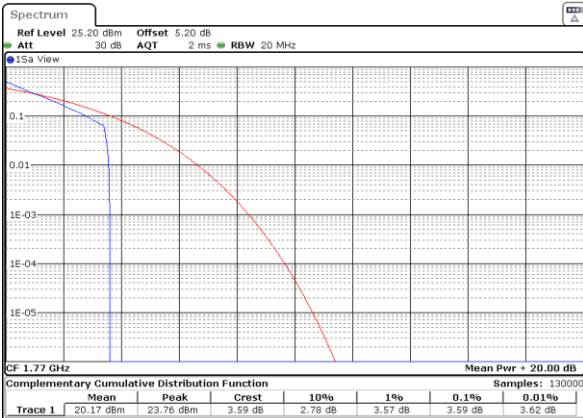
Date: 29_AUG.2020 23:25:06

Middle Channel / Full RB



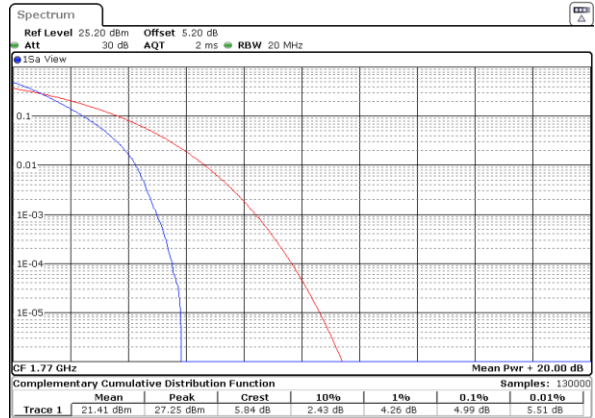
Date: 29_AUG.2020 23:19:39

Highest Channel / 1RB



Date: 29_AUG.2020 23:37:34

Highest Channel / Full RB

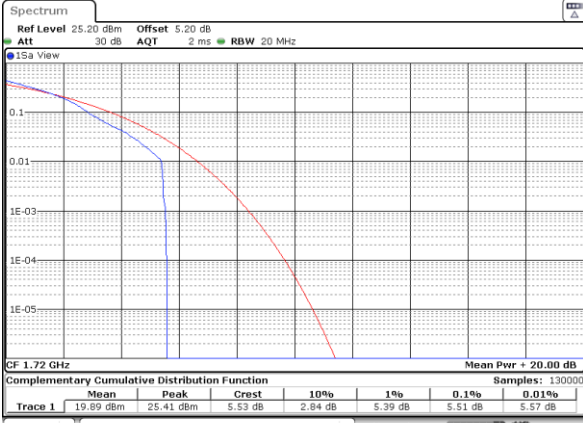


Date: 29_AUG.2020 23:34:02



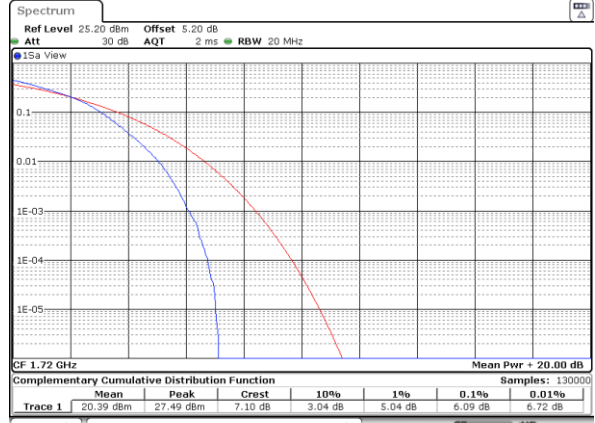
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



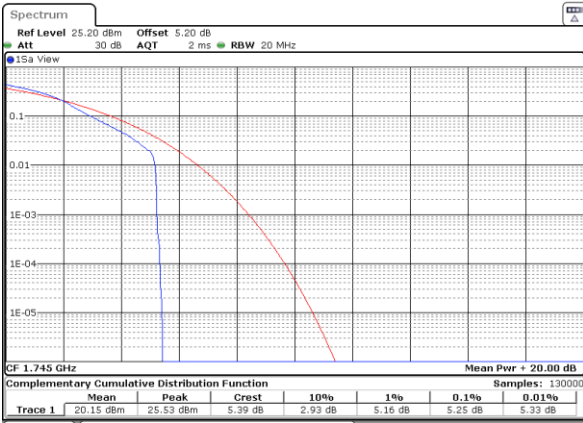
Date: 29_AUG.2020 23:31:05

Lowest Channel / Full RB



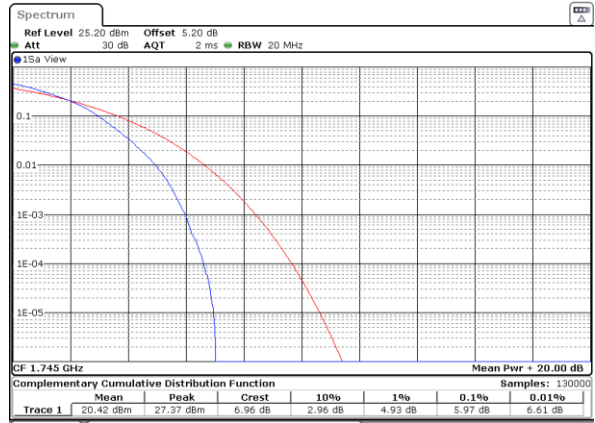
Date: 29_AUG.2020 23:12:129

Middle Channel / 1RB



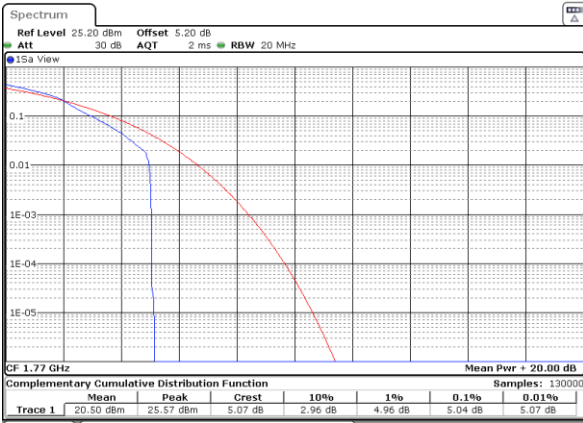
Date: 29_AUG.2020 23:23:58

Middle Channel / Full RB



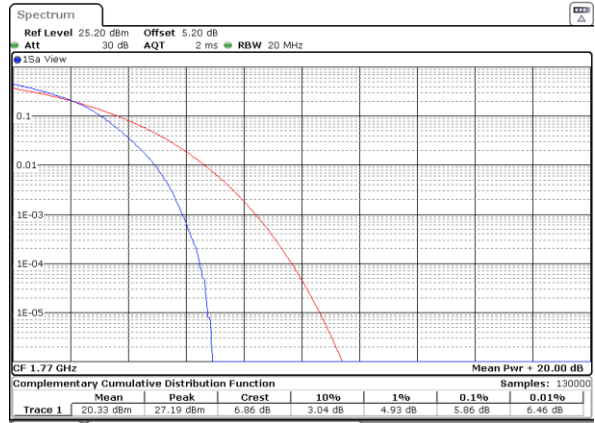
Date: 29_AUG.2020 23:12:137

Highest Channel / 1RB



Date: 29_AUG.2020 23:38:41

Highest Channel / Full RB

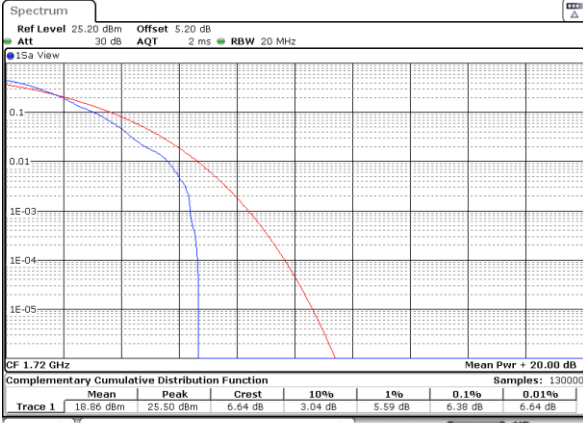


Date: 29_AUG.2020 23:13:4150



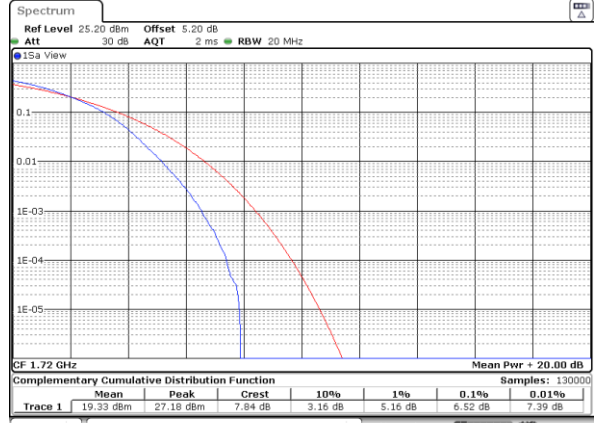
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



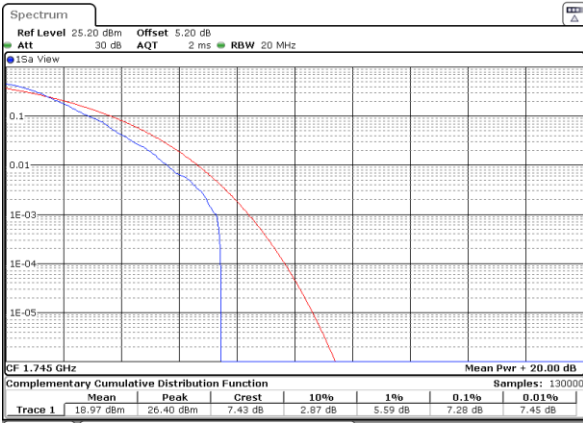
Date: 29_AUG.2020 23:29:57

Lowest Channel / Full RB



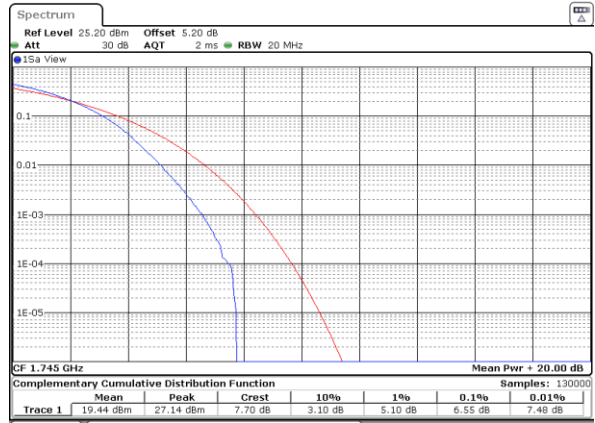
Date: 29_AUG.2020 23:28:35

Middle Channel / 1RB



Date: 29_AUG.2020 23:22:39

Middle Channel / Full RB



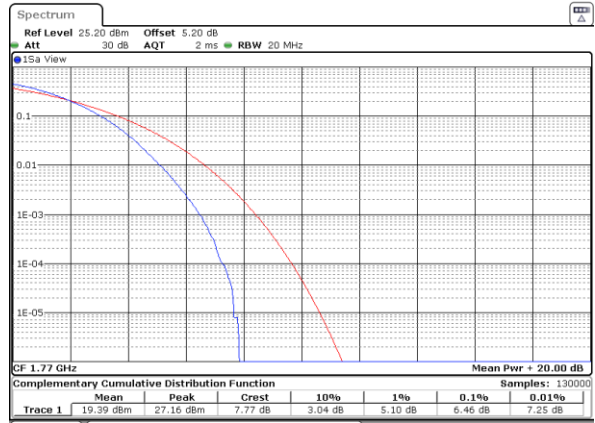
Date: 29_AUG.2020 23:21:19

Highest Channel / 1RB



Date: 29_AUG.2020 23:39:46

Highest Channel / Full RB



Date: 29_AUG.2020 23:35:39



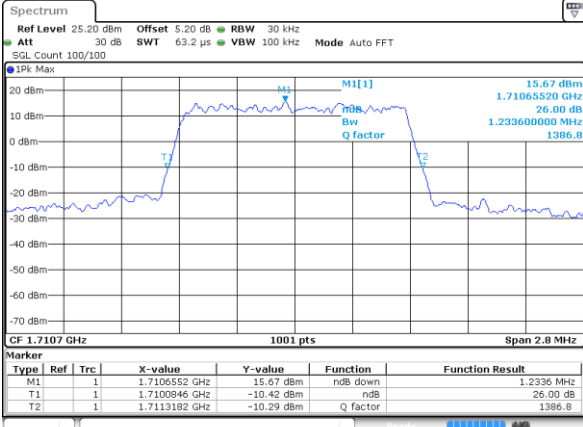
26dB Bandwidth

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	1.23	1.23	3.07	2.99	4.93	4.95	9.71	9.73	14.36	14.27	18.90	18.74
Middle CH	1.24	1.24	3.04	3.01	4.91	4.87	9.83	9.61	14.24	14.33	19.06	19.14
Highest CH	1.23	1.24	3.07	2.99	4.91	4.91	9.73	9.89	14.45	14.30	19.22	19.22
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	-	3.03	-	4.91	-	9.73	-	14.54	-	18.90	-
Middle CH	1.23	-	3.00	-	4.93	-	9.73	-	14.45	-	18.74	-
Highest CH	1.23	-	3.00	-	4.89	-	9.83	-	14.27	-	19.06	-



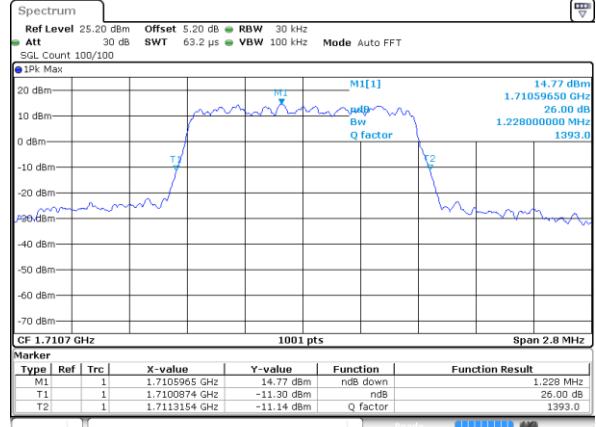
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



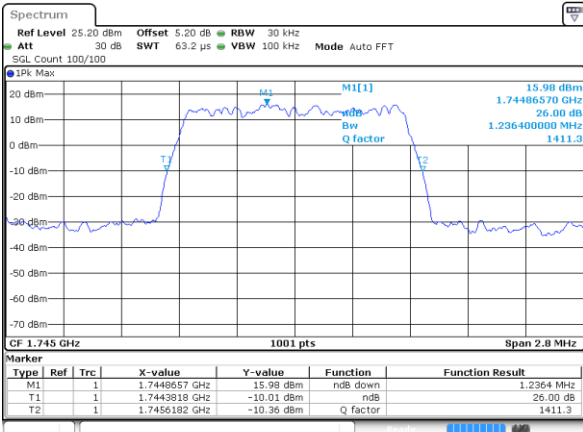
Date: 29 AUG 2020 21:46:51

Lowest Channel / 1.4MHz / 16QAM



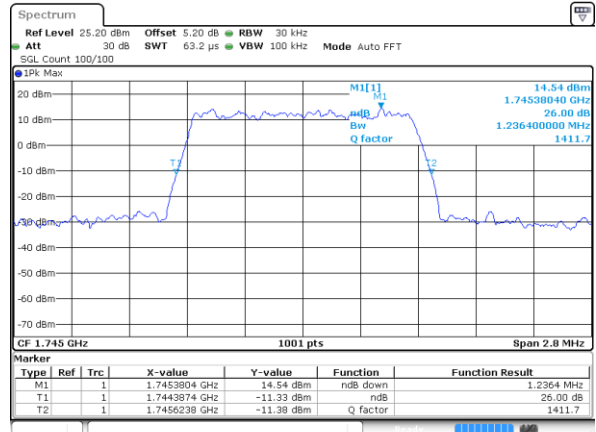
Date: 29 AUG 2020 21:55:39

Middle Channel / 1.4MHz / QPSK



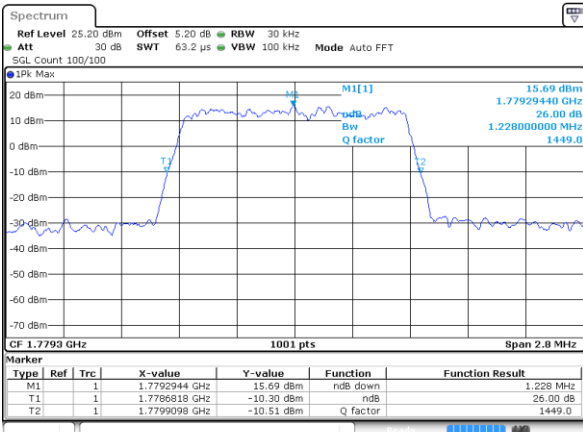
Date: 29 AUG 2020 21:41:13

Middle Channel / 1.4MHz / 16QAM



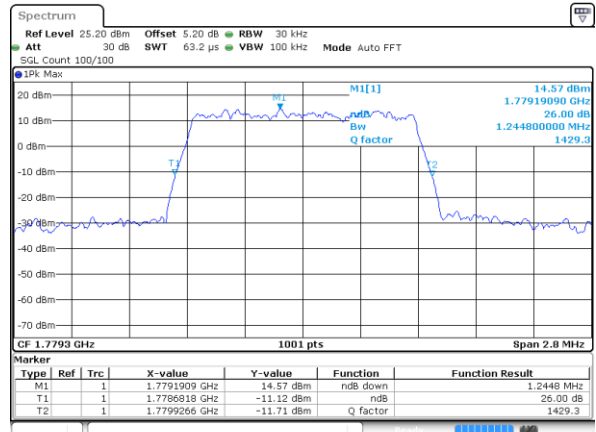
Date: 29 AUG 2020 21:42:04

Highest Channel / 1.4MHz / QPSK



Date: 29 AUG 2020 22:05:34

Highest Channel / 1.4MHz / 16QAM

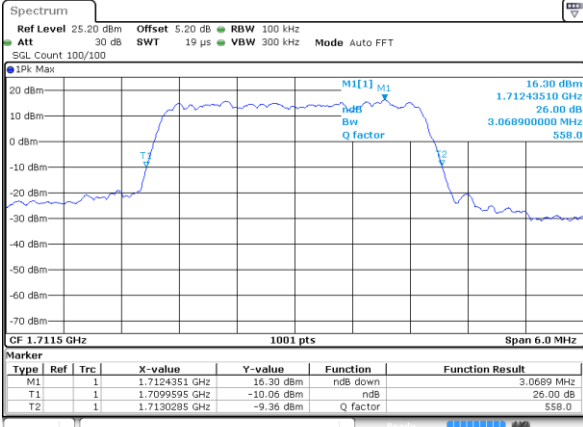


Date: 29 AUG 2020 22:07:11



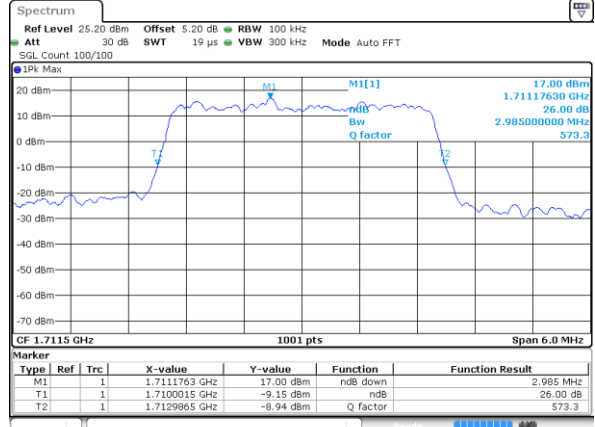
LTE Band 66

Lowest Channel / 3MHz / QPSK



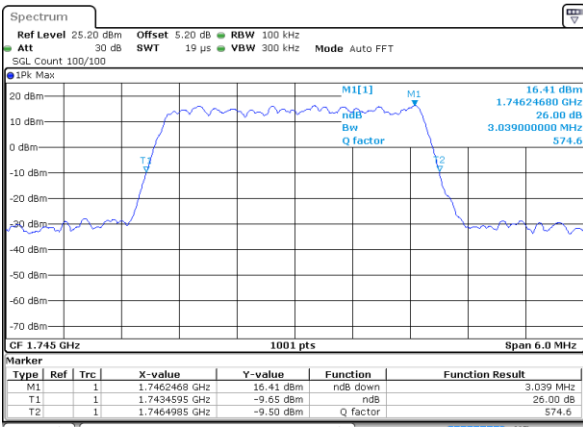
Date: 29 AUG 2020 22:24:18

Lowest Channel / 3MHz / 16QAM



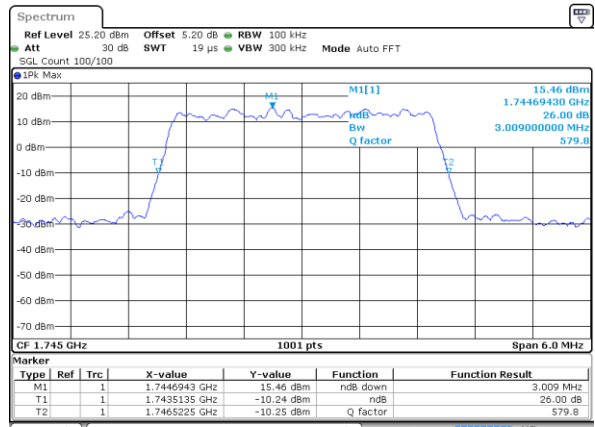
Date: 29 AUG 2020 22:26:03

Middle Channel / 3MHz / QPSK



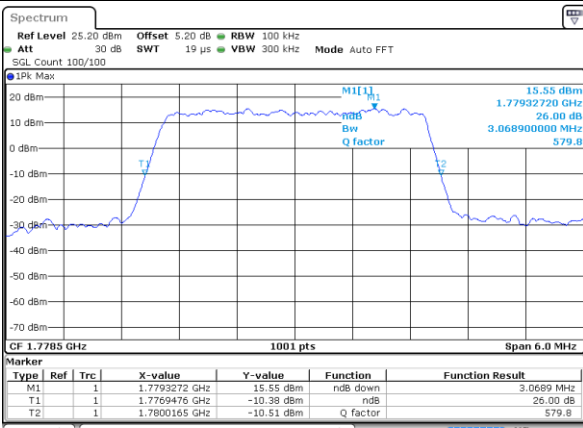
Date: 29 AUG 2020 22:19:56

Middle Channel / 3MHz / 16QAM



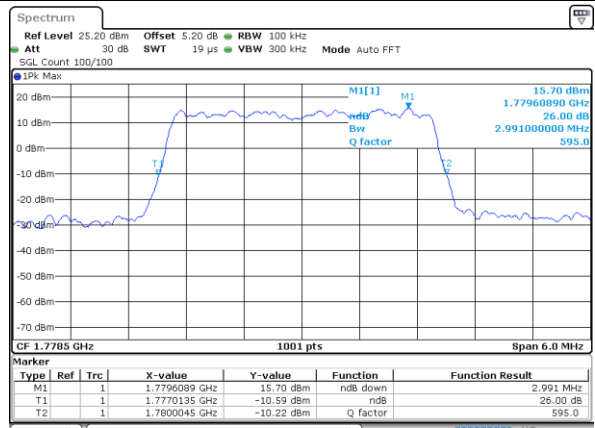
Date: 29 AUG 2020 22:20:24

Highest Channel / 3MHz / QPSK



Date: 29 AUG 2020 22:32:35

Highest Channel / 3MHz / 16QAM

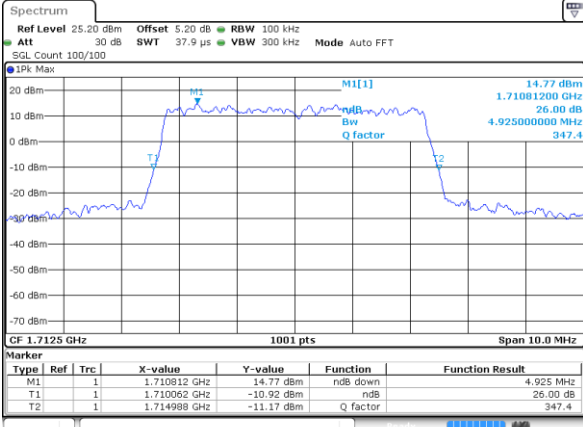


Date: 29 AUG 2020 22:33:46



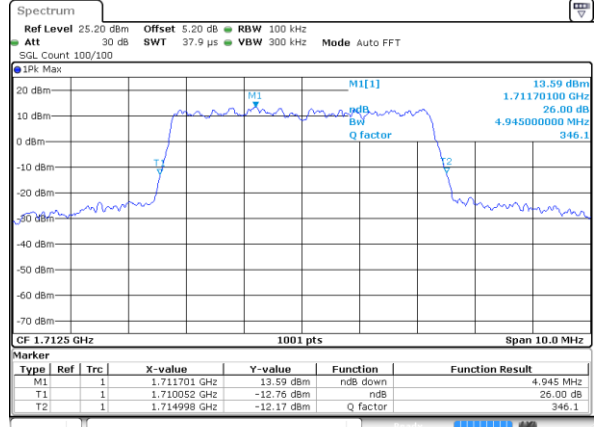
LTE Band 66

Lowest Channel / 5MHz / QPSK



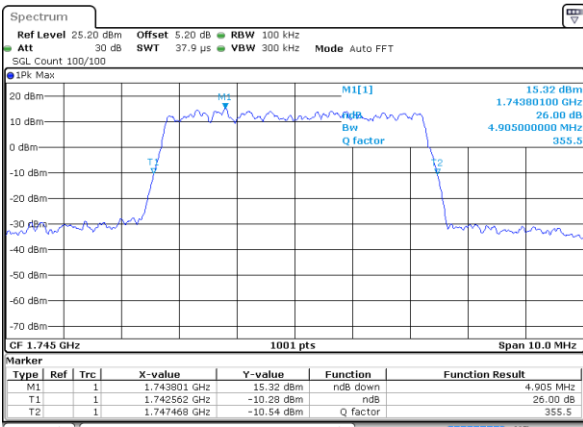
Date: 29 AUG 2020 23:05:06

Lowest Channel / 5MHz / 16QAM



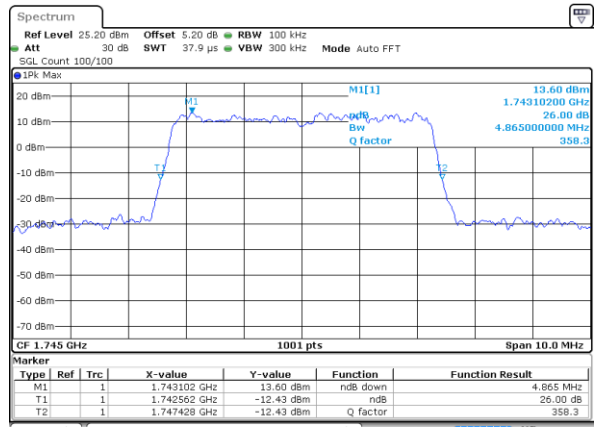
Date: 29 AUG 2020 23:05:51

Middle Channel / 5MHz / QPSK



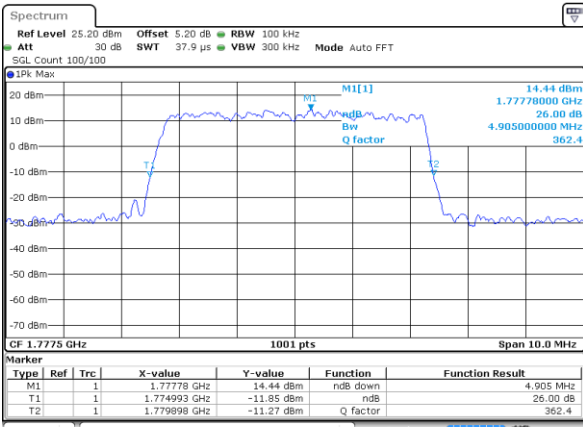
Date: 29 AUG 2020 22:46:03

Middle Channel / 5MHz / 16QAM



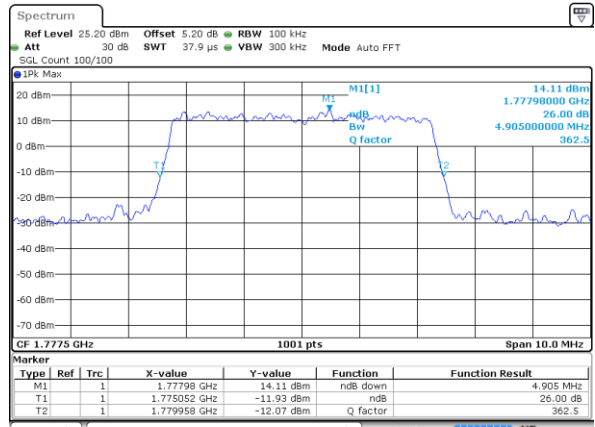
Date: 29 AUG 2020 23:01:15

Highest Channel / 5MHz / QPSK



Date: 29 AUG 2020 23:11:57

Highest Channel / 5MHz / 16QAM

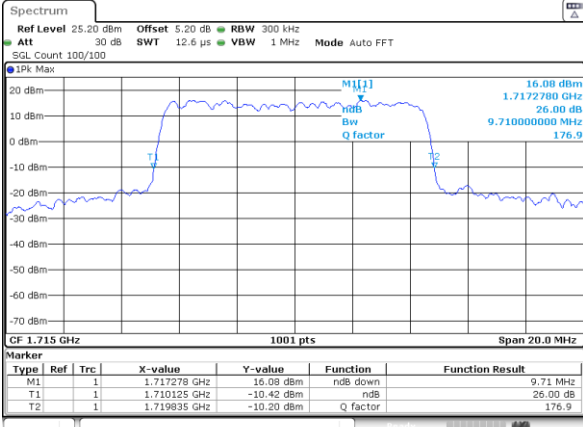


Date: 29 AUG 2020 23:12:40



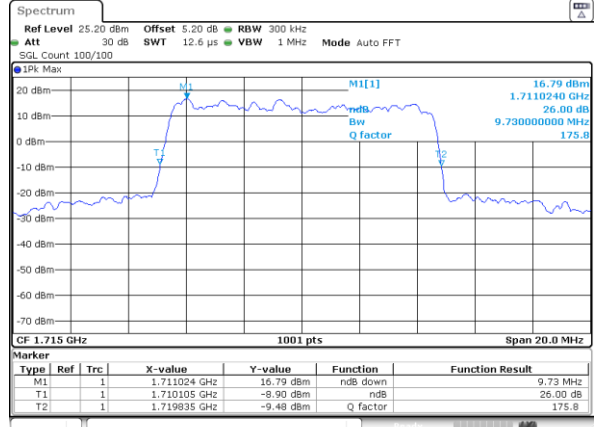
LTE Band 66

Lowest Channel / 10MHz / QPSK



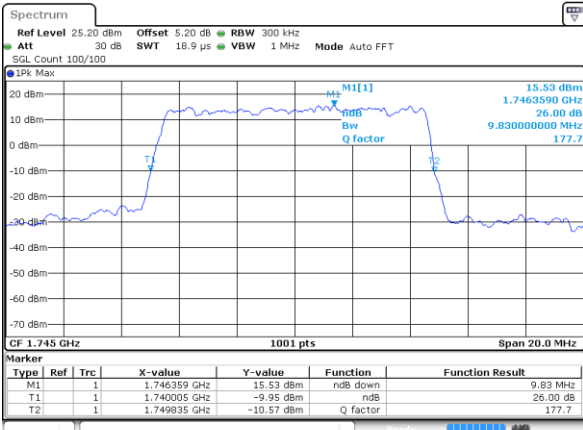
Date: 29_AUG.2020 22:12:20

Lowest Channel / 10MHz / 16QAM



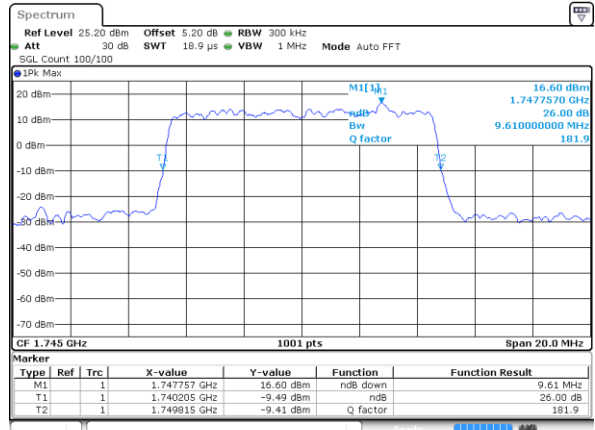
Date: 29_AUG.2020 22:13:08

Middle Channel / 10MHz / QPSK



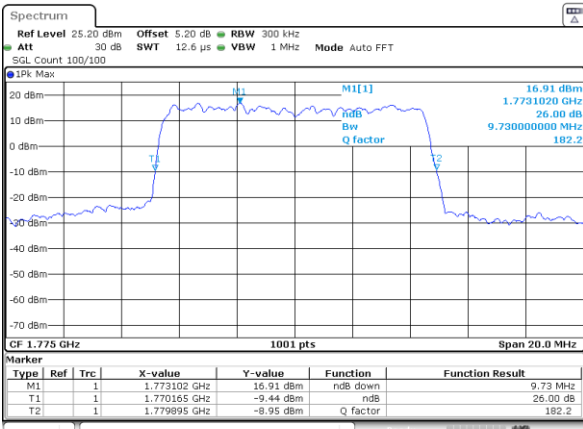
Date: 29 AUG 2020 23:18:44

Middle Channel / 10MHz / 16QAM



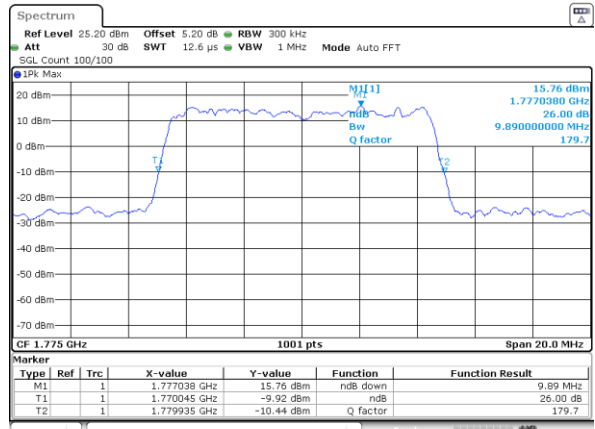
Date: 29 AUG 2020 23:20:30

Highest Channel / 10MHz / QPSK



Date: 29_AUG.2020 22:19:47

Highest Channel / 10MHz / 16QAM

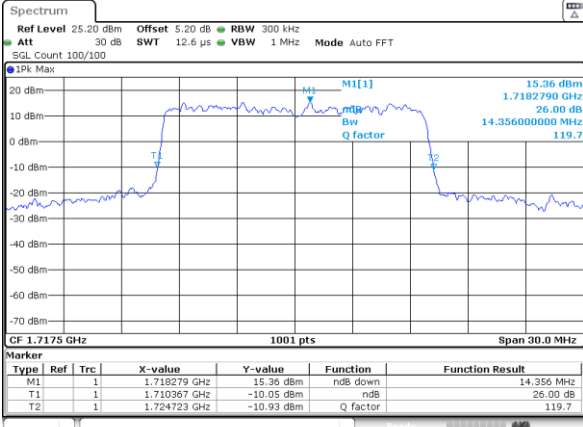


Date: 29_AUG.2020 22:19:08



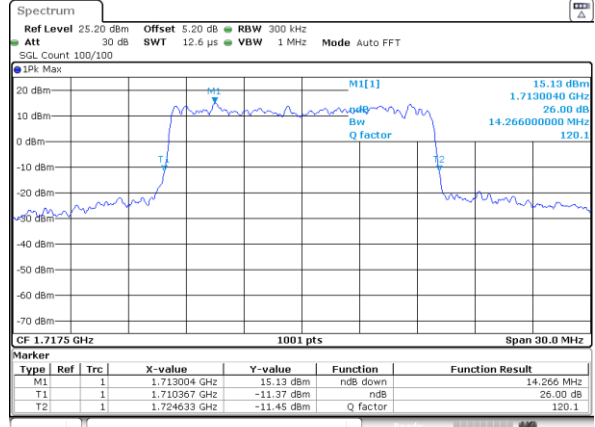
LTE Band 66

Lowest Channel / 15MHz / QPSK



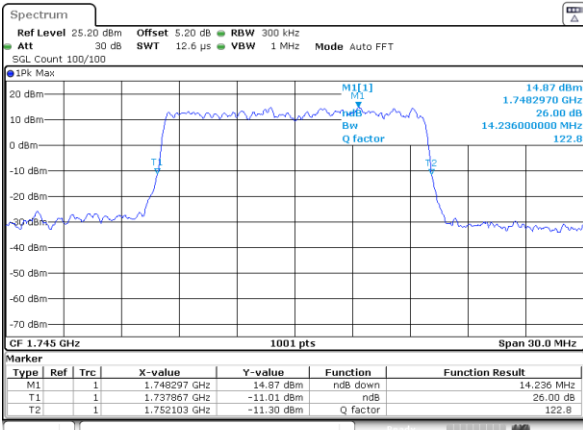
Date: 29_AUG.2020 23:03:45

Lowest Channel / 15MHz / 16QAM



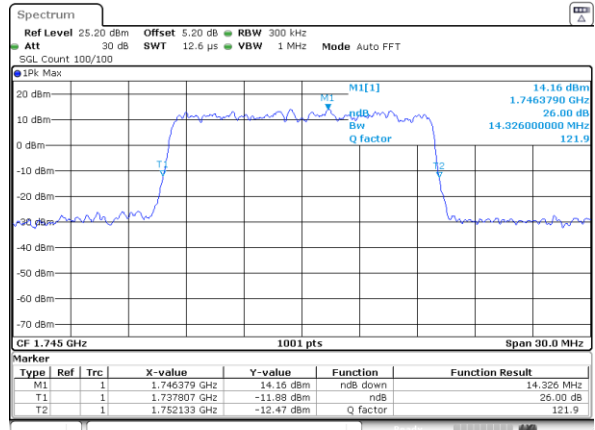
Date: 29_AUG.2020 23:04:37

Middle Channel / 15MHz / QPSK



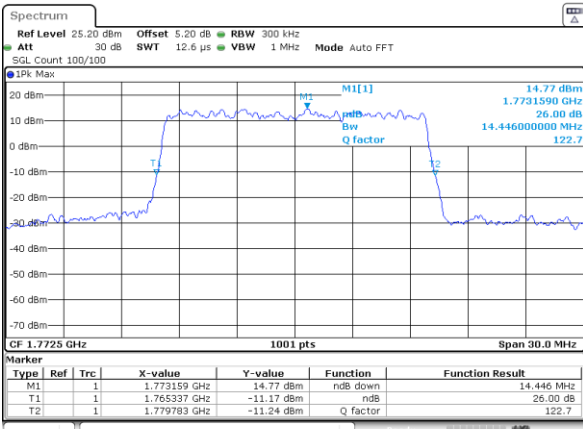
Date: 29_AUG.2020 22:56:54

Middle Channel / 15MHz / 16QAM



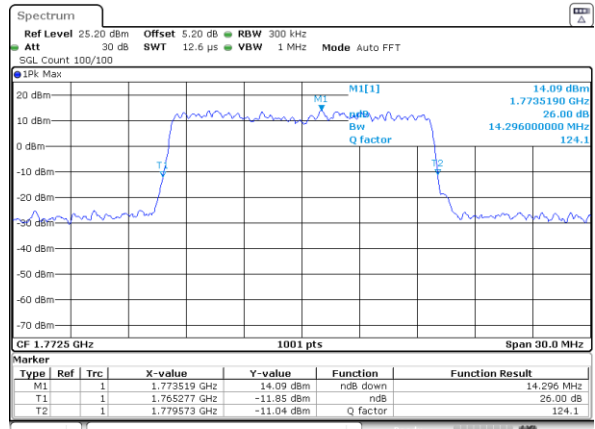
Date: 29_AUG.2020 22:57:27

Highest Channel / 15MHz / QPSK



Date: 29_AUG.2020 23:14:35

Highest Channel / 15MHz / 16QAM

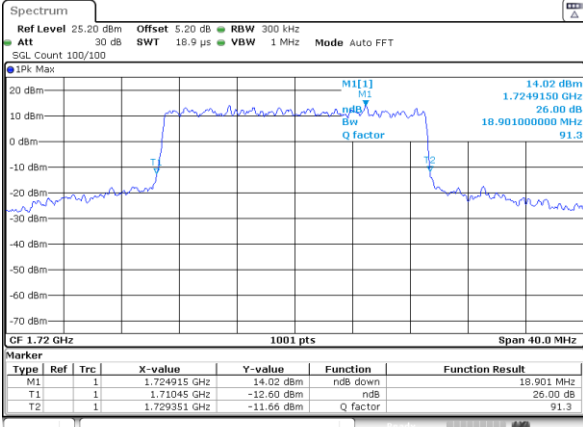


Date: 29_AUG.2020 23:13:57



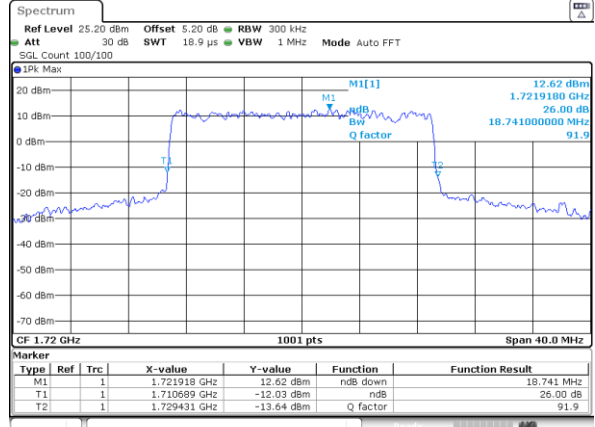
LTE Band 66

Lowest Channel / 20MHz / QPSK



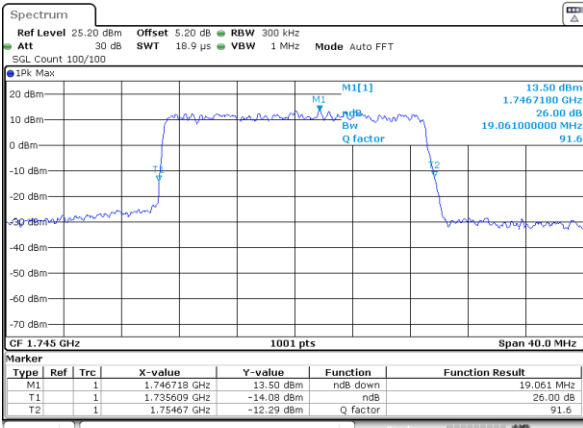
Date: 29_AUG.2020 23:27:00

Lowest Channel / 20MHz / 16QAM



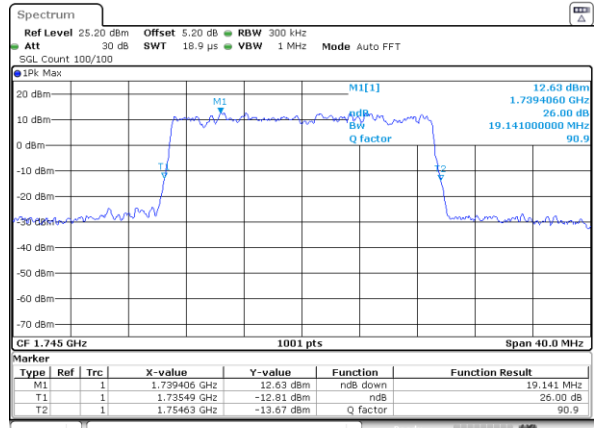
Date: 29_AUG.2020 23:27:48

Middle Channel / 20MHz / QPSK



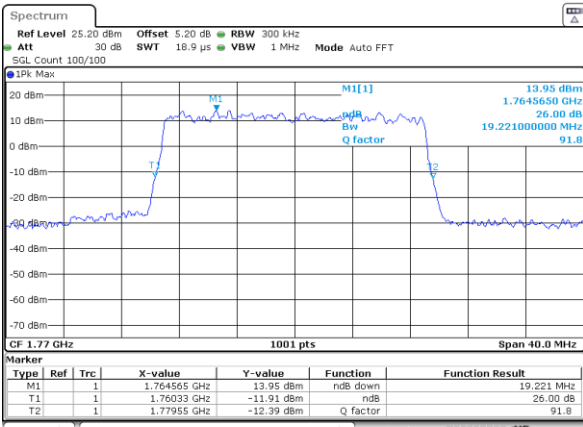
Date: 29_AUG.2020 23:20:09

Middle Channel / 20MHz / 16QAM



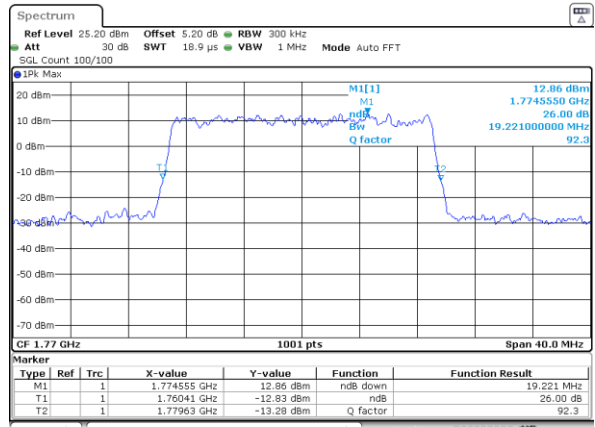
Date: 29_AUG.2020 23:20:54

Highest Channel / 20MHz / QPSK



Date: 29_AUG.2020 23:34:22

Highest Channel / 20MHz / 16QAM

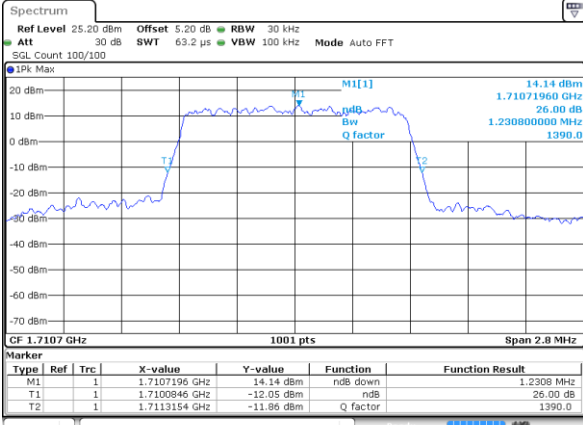


Date: 29_AUG.2020 23:35:09



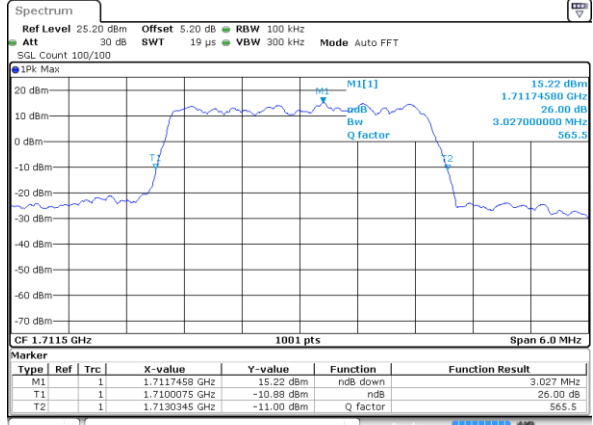
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



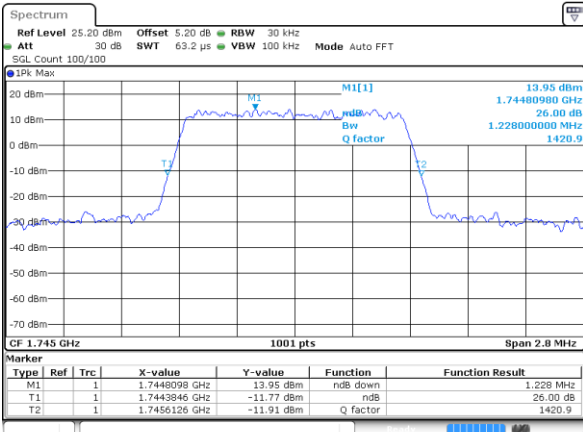
Date: 29 AUG 2020 21:57:10

Lowest Channel / 3MHz / 64QAM



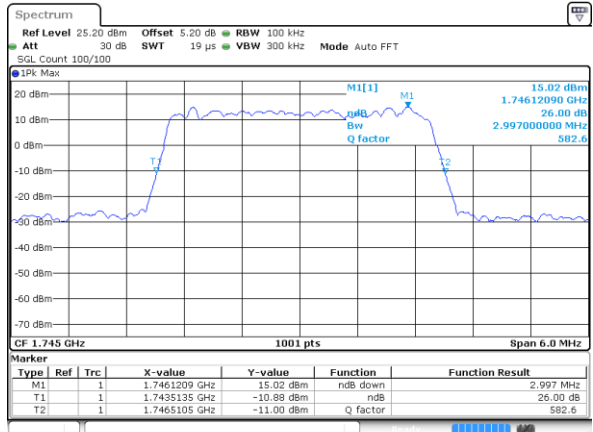
Date: 29 AUG 2020 22:27:03

Middle Channel / 20MHz / 64QAM



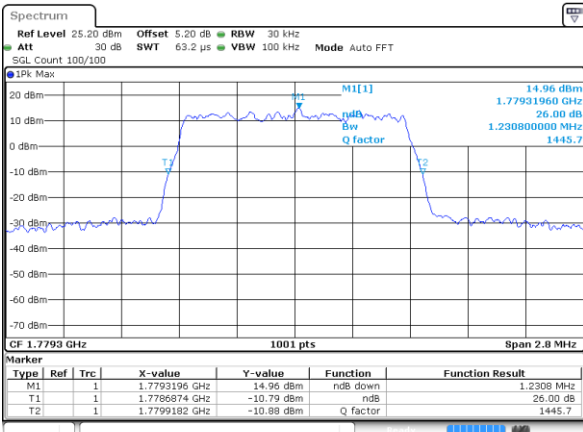
Date: 29 AUG 2020 21:42:47

Middle Channel / 3MHz / 64QAM



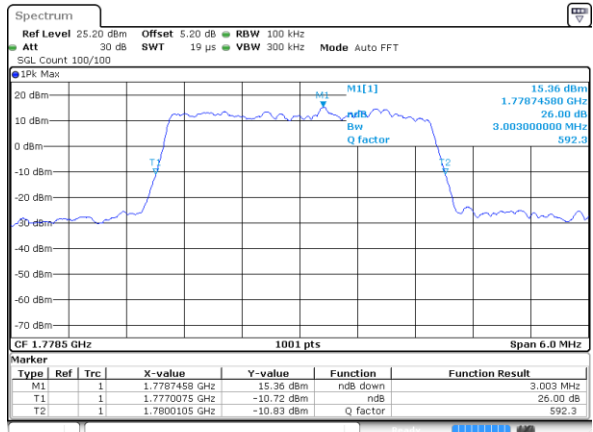
Date: 29 AUG 2020 22:20:53

Highest Channel / 20MHz / 64QAM



Date: 29 AUG 2020 22:08:58

Highest Channel / 3MHz / 64QAM

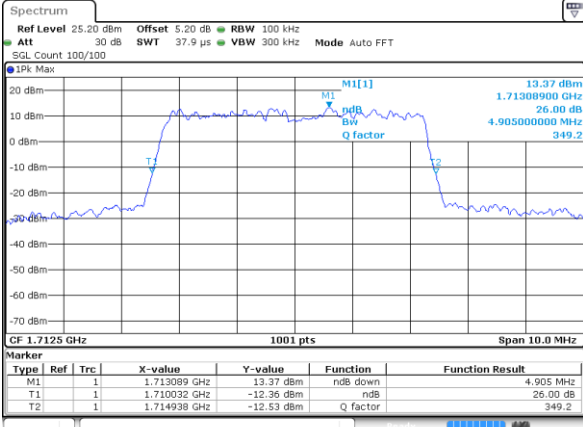


Date: 29 AUG 2020 22:35:14



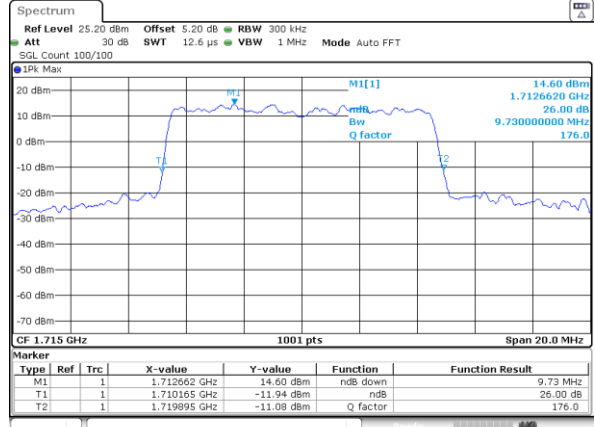
LTE Band 66

Lowest Channel / 5MHz / 64QAM



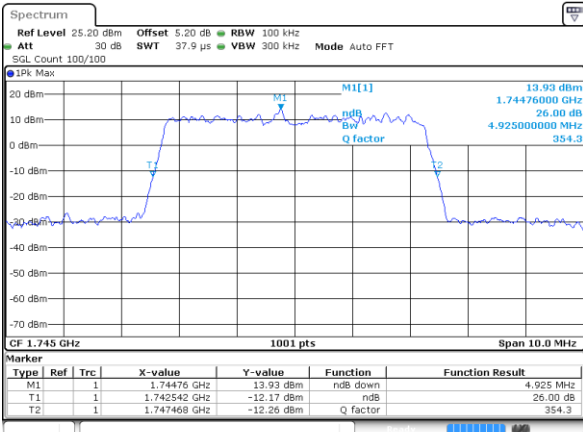
Date: 29 AUG 2020 23:07:01

Lowest Channel / 10MHz / 64QAM



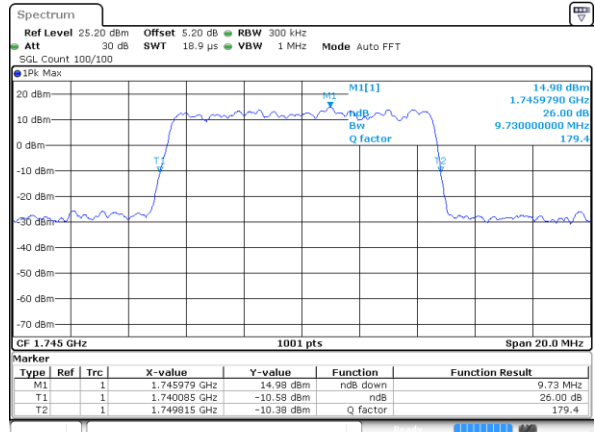
Date: 29.AUG.2020 22:13:53

Middle Channel / 5MHz / 64QAM



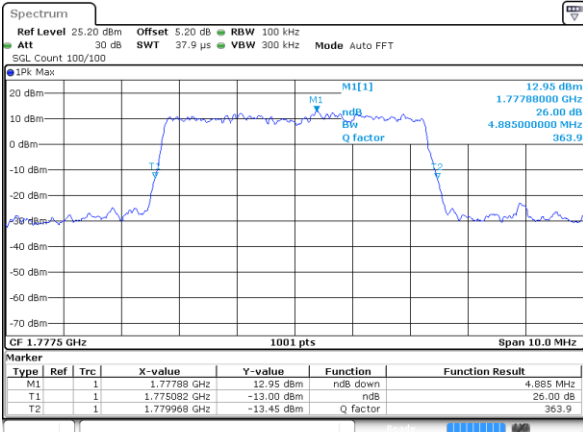
Date: 29 AUG 2020 23:01:37

Middle Channel / 10MHz / 64QAM



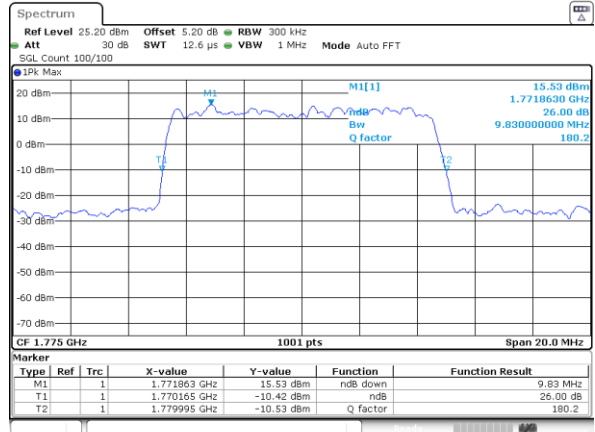
Date: 29 AUG 2020 23:21:06

Highest Channel / 5MHz / 64QAM



Date: 29 AUG 2020 23:13:31

Highest Channel / 10MHz / 64QAM

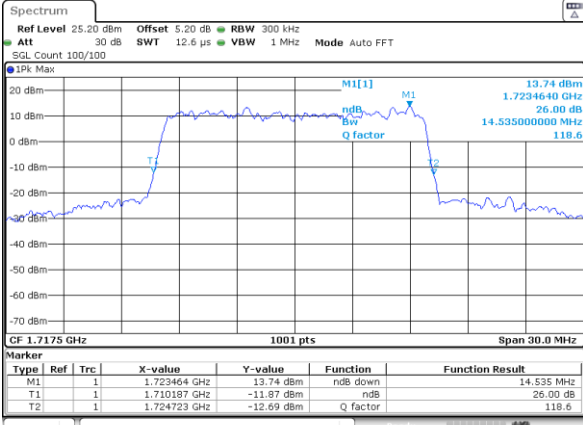


Date: 29.AUG.2020 22:18:14



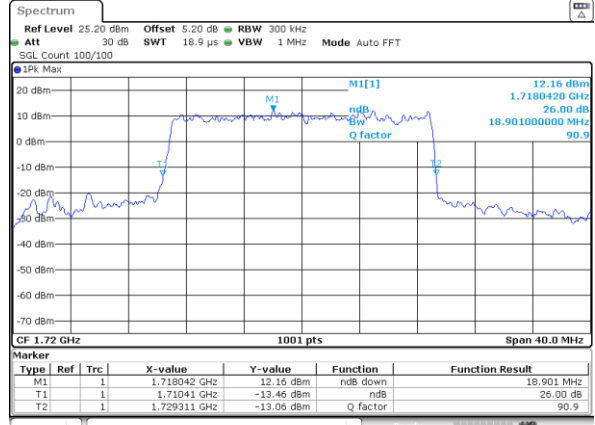
LTE Band 66

Lowest Channel / 15MHz / 64QAM



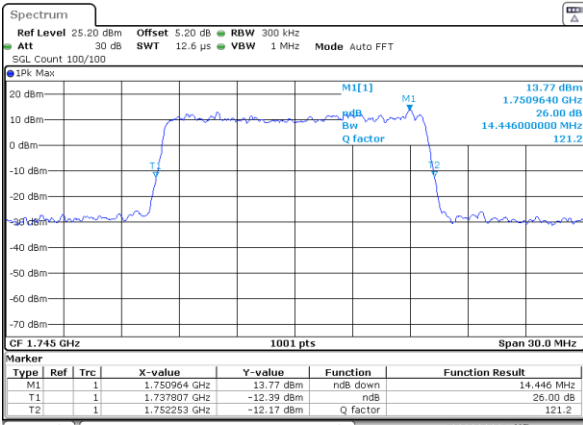
Date: 29_AUG.2020 23:05:18

Lowest Channel / 20MHz / 64QAM



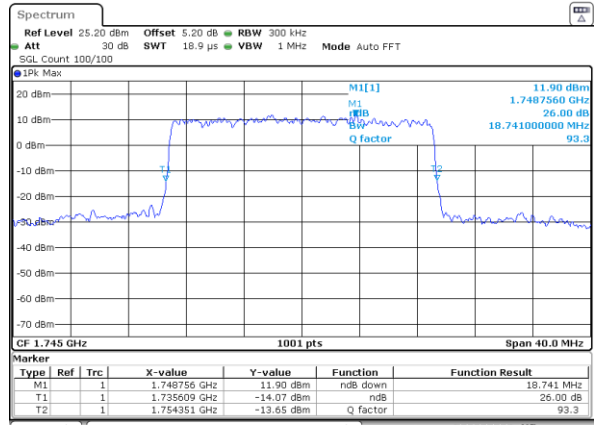
Date: 29_AUG.2020 23:12:57

Middle Channel / 15MHz / 64QAM



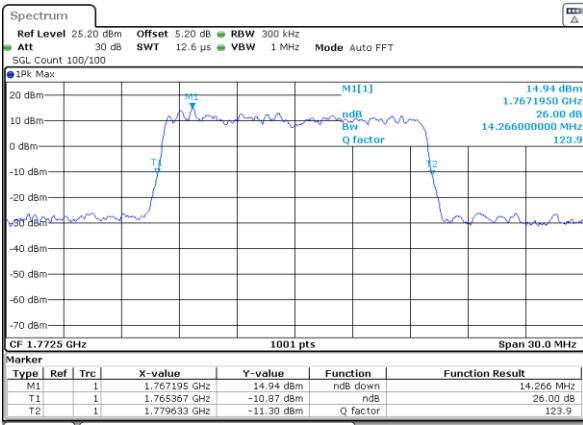
Date: 29_AUG.2020 22:57:58

Middle Channel / 20MHz / 64QAM



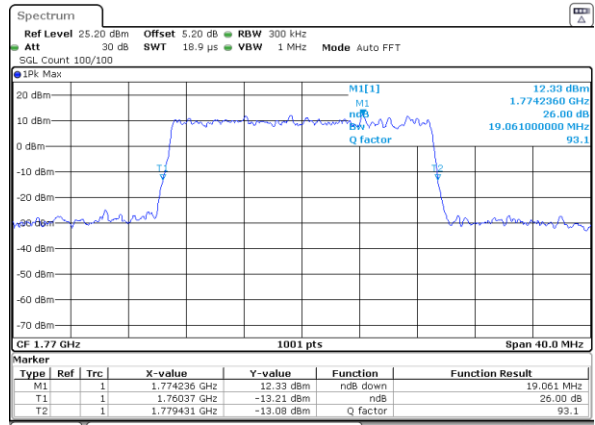
Date: 29_AUG.2020 23:12:10

Highest Channel / 15MHz / 64QAM



Date: 29_AUG.2020 23:13:23

Highest Channel / 20MHz / 64QAM



Date: 29_AUG.2020 23:16:00



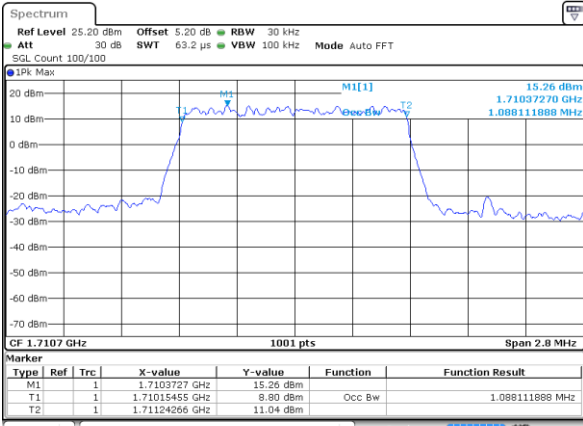
Occupied Bandwidth

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	1.10	2.69	2.71	4.49	4.51	9.05	9.03	13.49	13.43	17.90	17.94
Middle CH	1.10	1.09	2.72	2.70	4.51	4.47	9.05	9.07	13.46	13.52	17.94	17.90
Highest CH	1.08	1.09	2.72	2.72	4.49	4.52	9.09	9.03	13.43	13.46	17.86	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	1.09	-	2.73	-	4.51	-	9.01	-	13.43	-	17.90	-
Middle CH	1.09	-	2.72	-	4.51	-	9.03	-	13.46	-	17.90	-
Highest CH	1.09	-	2.72	-	4.50	-	9.03	-	13.43	-	17.90	-



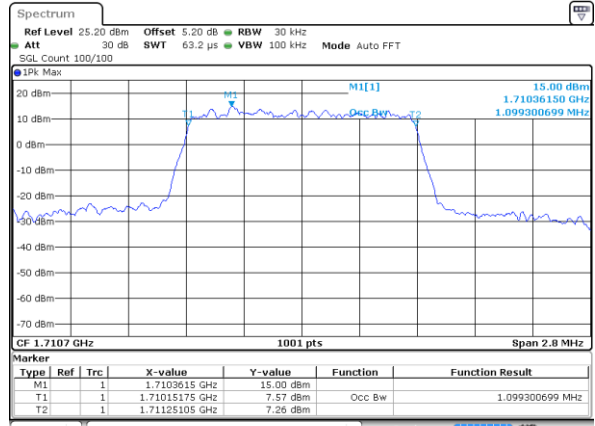
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



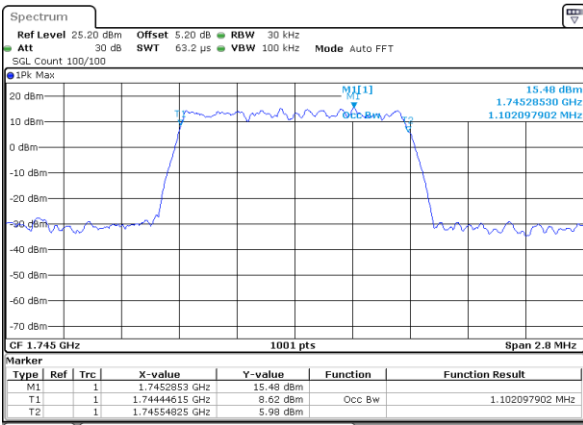
Date: 29 AUG 2020 21:46:41

Lowest Channel / 1.4MHz / 16QAM



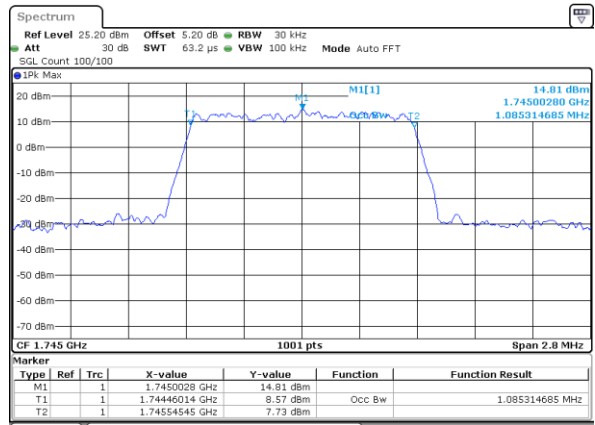
Date: 29 AUG 2020 21:55:31

Middle Channel / 1.4MHz / QPSK



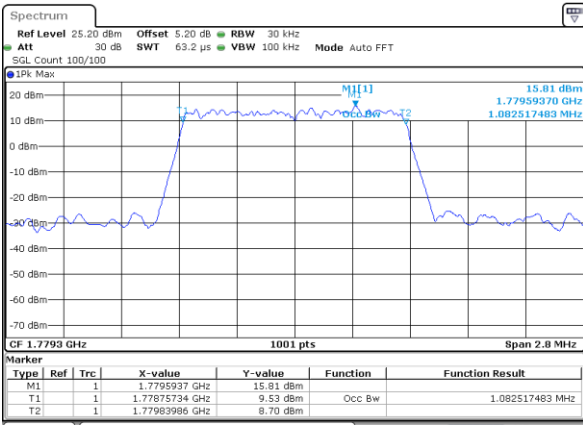
Date: 29 AUG 2020 21:40:35

Middle Channel / 1.4MHz / 16QAM



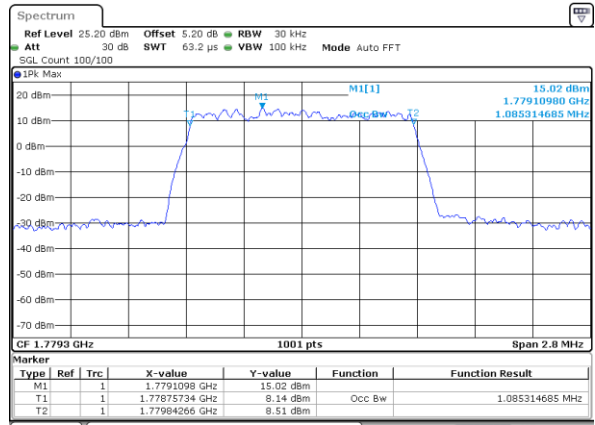
Date: 29 AUG 2020 21:41:54

Highest Channel / 1.4MHz / QPSK



Date: 29 AUG 2020 22:05:25

Highest Channel / 1.4MHz / 16QAM

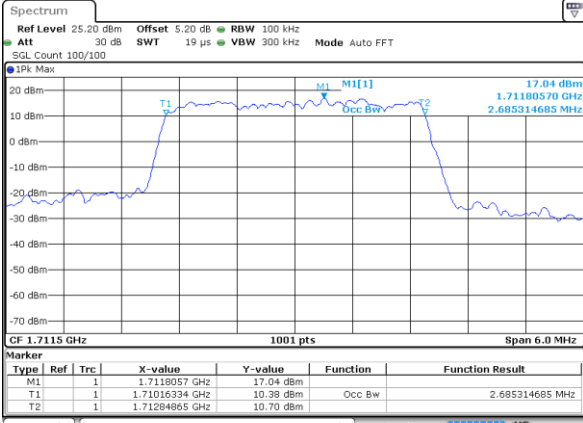


Date: 29 AUG 2020 22:07:01



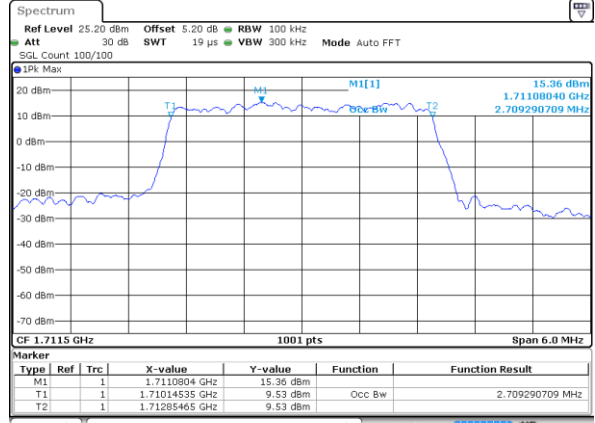
LTE Band 66

Lowest Channel / 3MHz / QPSK



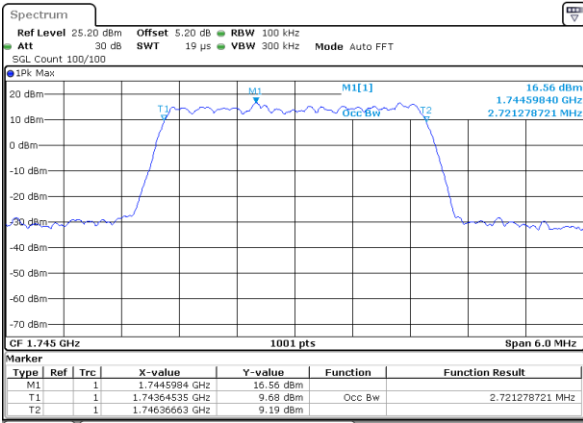
Date: 29 AUG 2020 22:24:06

Lowest Channel / 3MHz / 16QAM



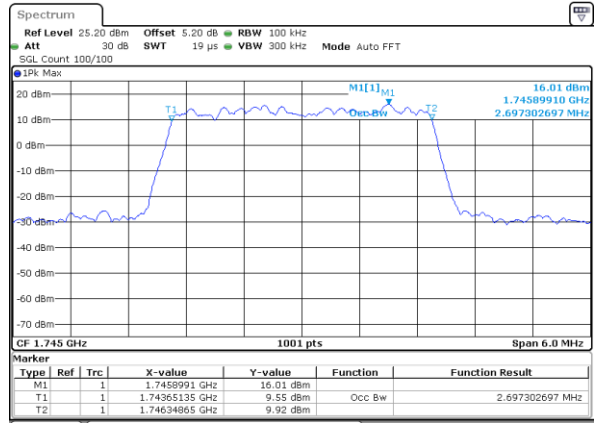
Date: 29 AUG 2020 22:25:53

Middle Channel / 3MHz / QPSK



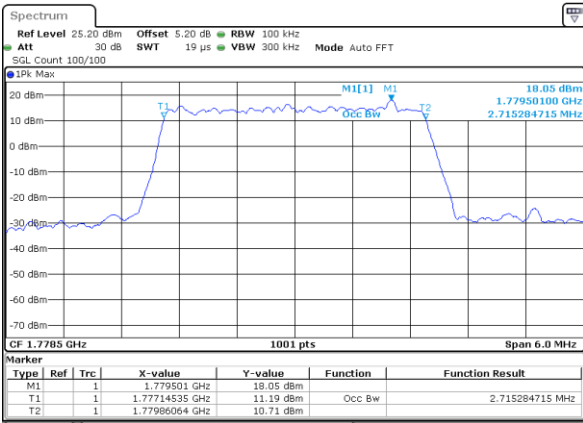
Date: 29 AUG 2020 22:19:47

Middle Channel / 3MHz / 16QAM



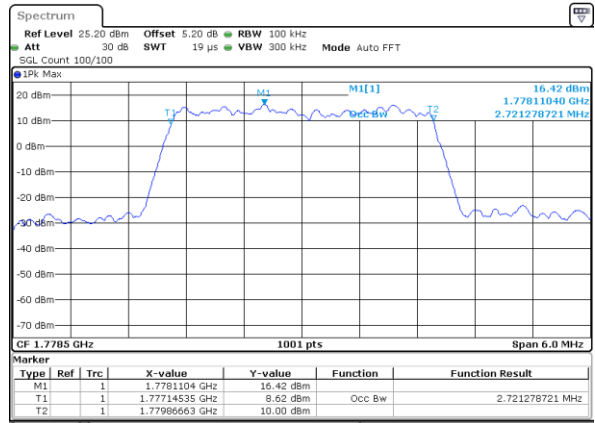
Date: 29 AUG 2020 22:20:14

Highest Channel / 3MHz / QPSK



Date: 29 AUG 2020 22:32:22

Highest Channel / 3MHz / 16QAM

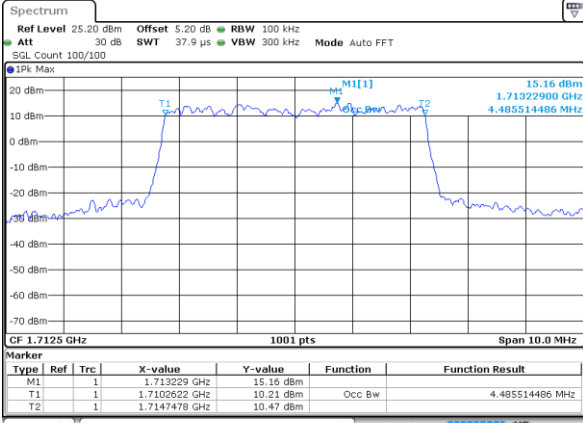


Date: 29 AUG 2020 22:33:35



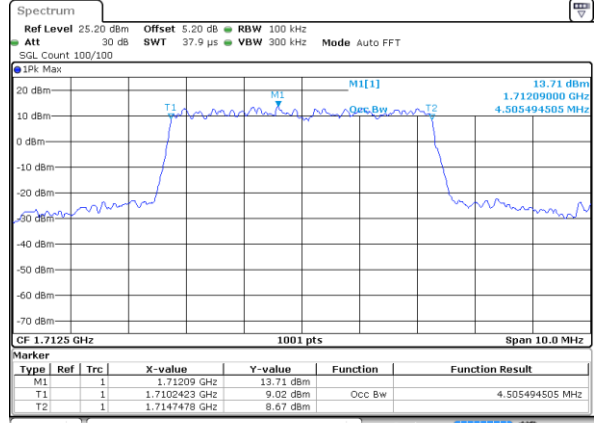
LTE Band 66

Lowest Channel / 5MHz / QPSK



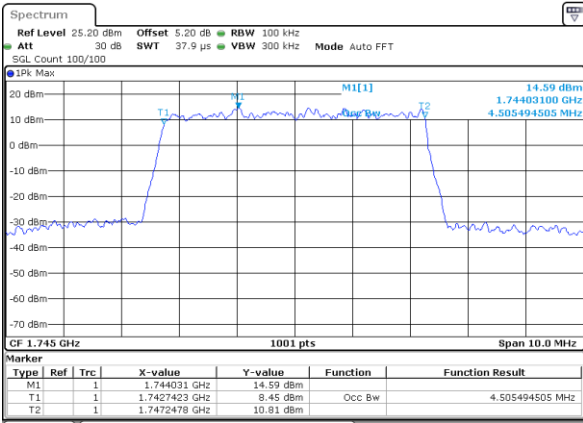
Date: 29 AUG 2020 23:04:56

Lowest Channel / 5MHz / 16QAM



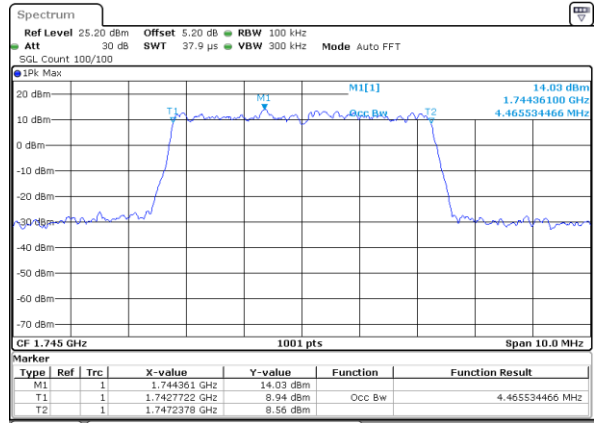
Date: 29 AUG 2020 23:05:42

Middle Channel / 5MHz / QPSK



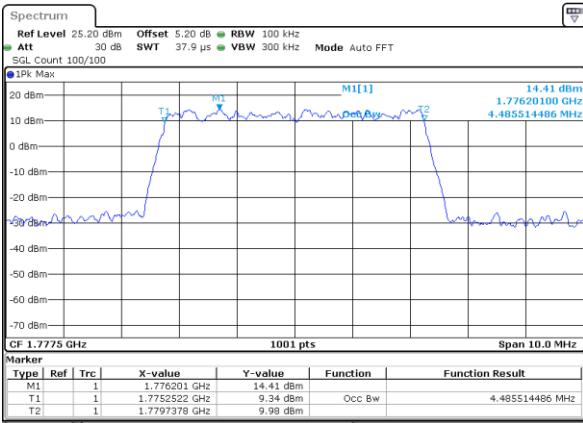
Date: 29 AUG 2020 22:45:49

Middle Channel / 5MHz / 16QAM



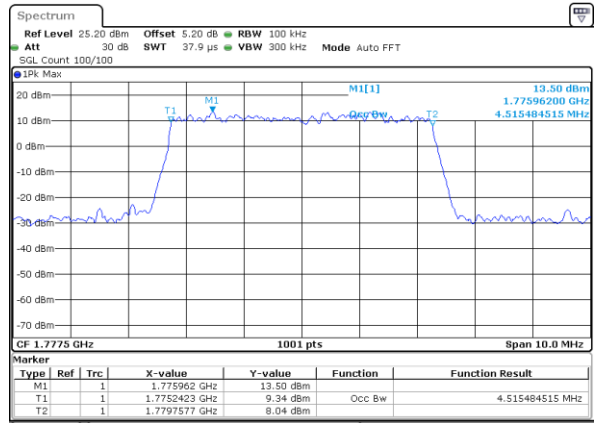
Date: 29 AUG 2020 23:01:05

Highest Channel / 5MHz / QPSK



Date: 29 AUG 2020 23:11:48

Highest Channel / 5MHz / 16QAM

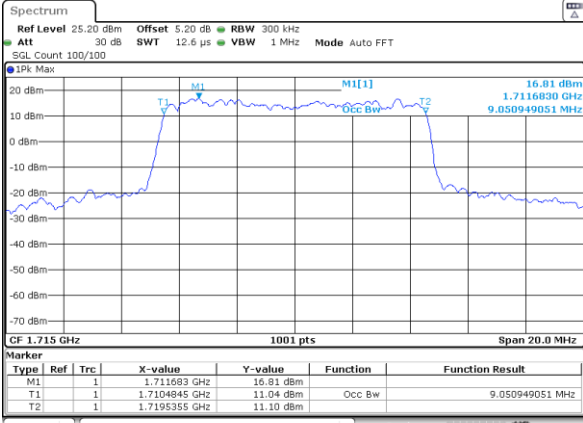


Date: 29 AUG 2020 23:12:30



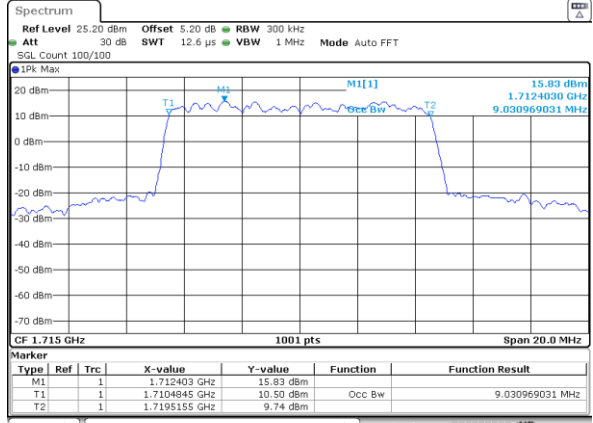
LTE Band 66

Lowest Channel / 10MHz / QPSK



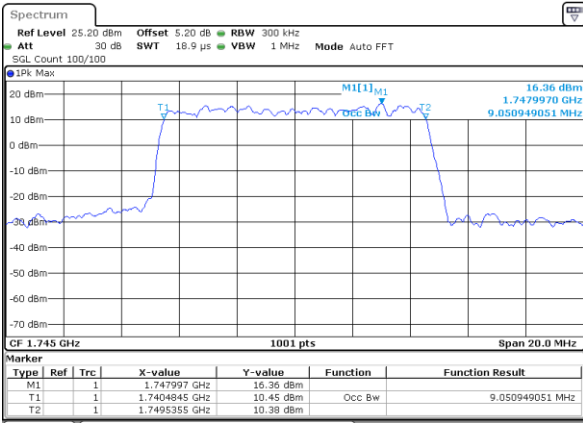
Date: 29_AUG.2020 22:12:19

Lowest Channel / 10MHz / 16QAM



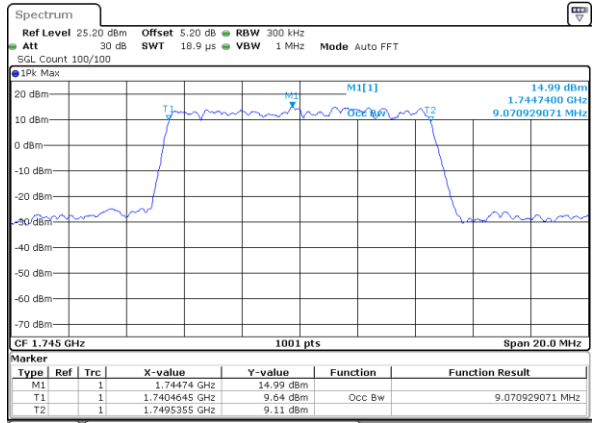
Date: 29_AUG.2020 22:12:59

Middle Channel / 10MHz / QPSK



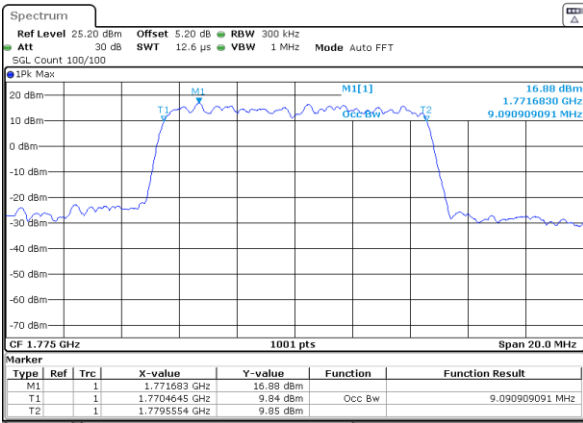
Date: 29 AUG 2020 23:18:32

Middle Channel / 10MHz / 16QAM



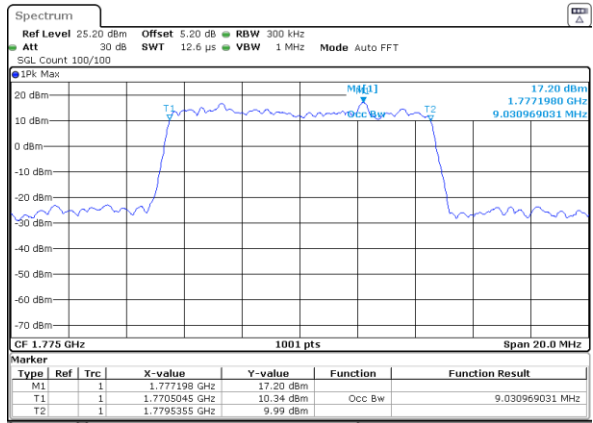
Date: 29 AUG 2020 23:20:08

Highest Channel / 10MHz / QPSK



Date: 29_AUG.2020 22:19:39

Highest Channel / 10MHz / 16QAM



Date: 29_AUG.2020 22:18:51