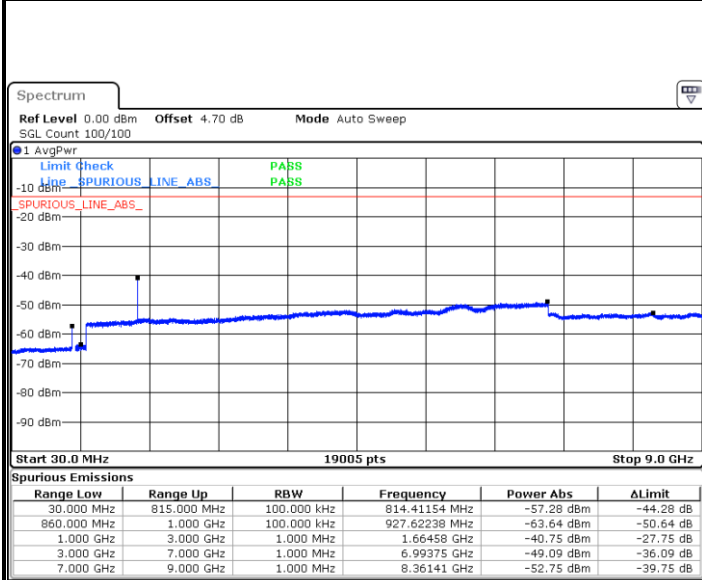




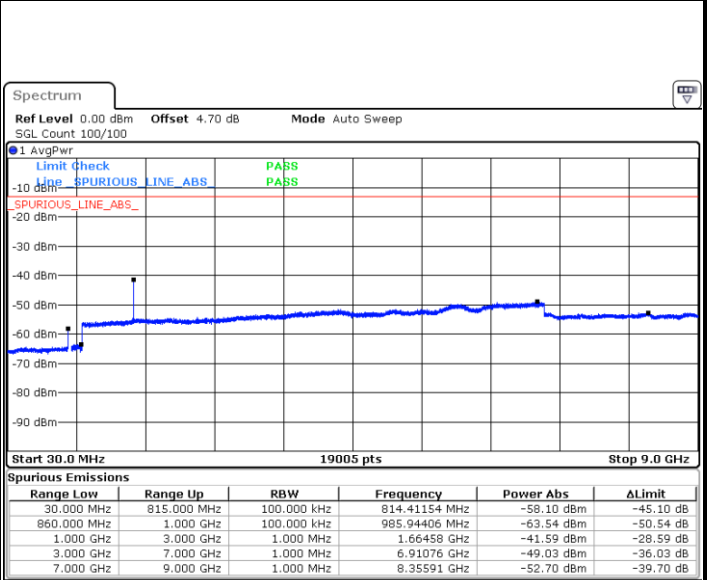
LTE Band 26 / 10MHz

Middle Channel / QPSK



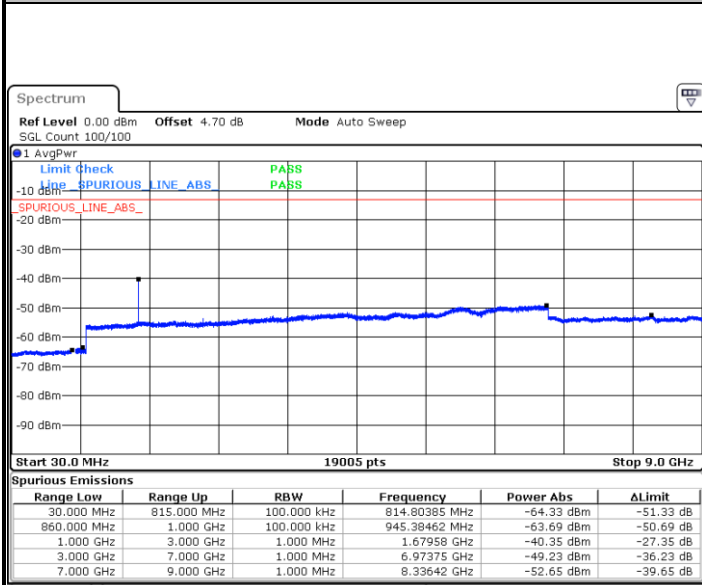
Date: 13.AUG.2020 14:20:26

Middle Channel / 16QAM



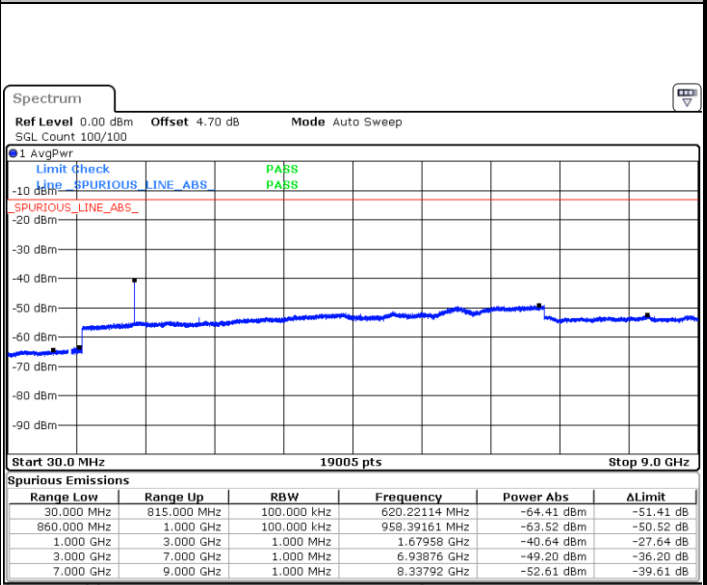
Date: 13.AUG.2020 14:21:02

Highest Channel / QPSK



Date: 13.AUG.2020 14:28:56

Highest Channel / 16QAM

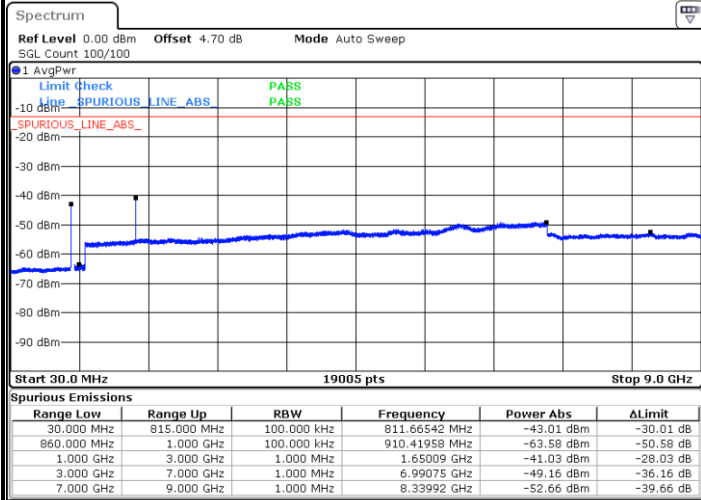


Date: 13.AUG.2020 14:28:24



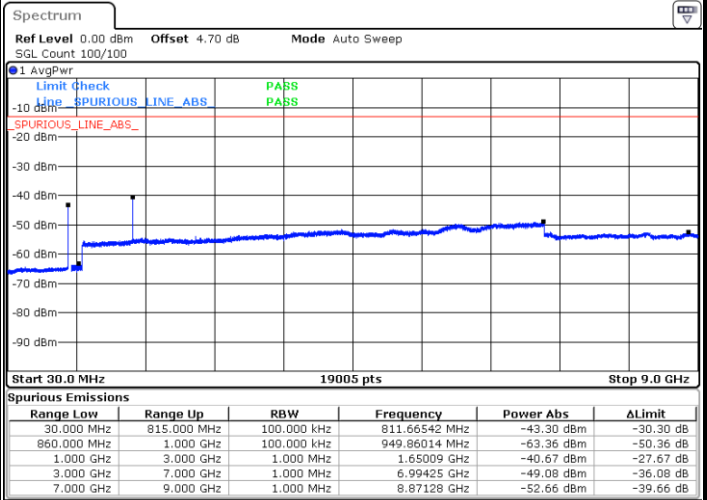
LTE Band 26 / 15MHz

Lowest Channel / QPSK



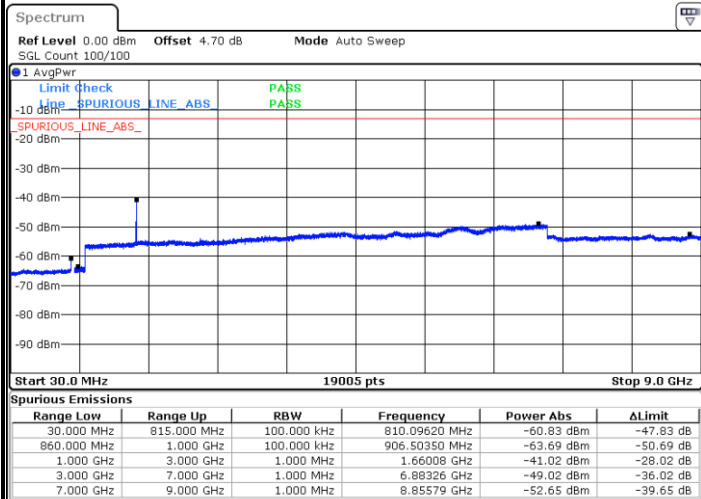
Date: 13.AUG.2020 14:35:46

Lowest Channel / 16QAM



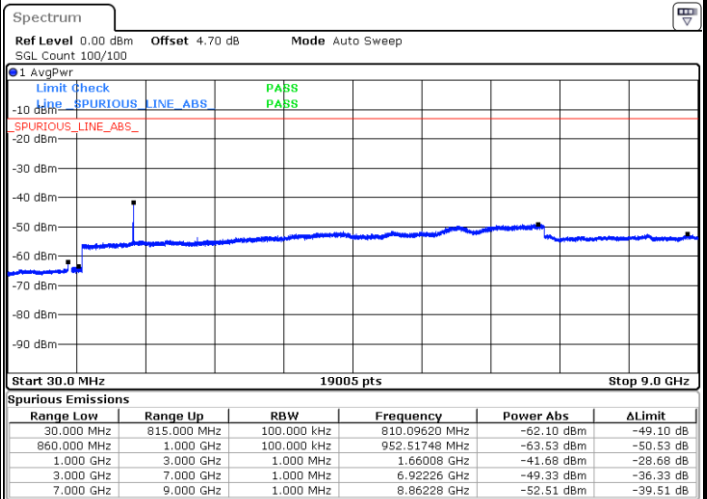
Date: 13.AUG.2020 14:36:54

Middle Channel / QPSK



Date: 13.AUG.2020 14:40:55

Middle Channel / 16QAM



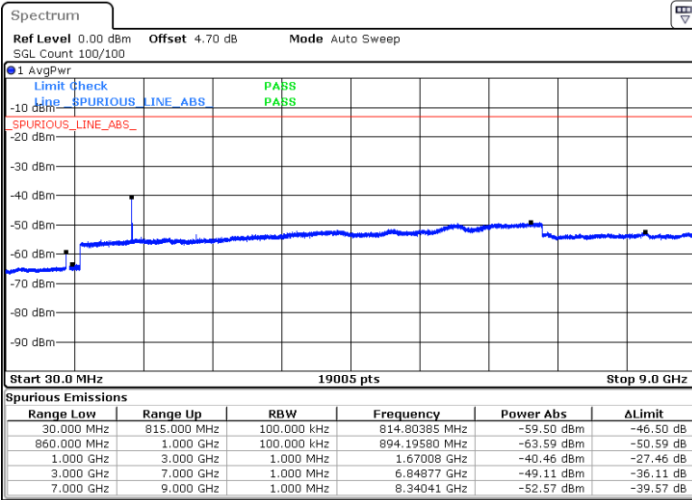
Date: 13.AUG.2020 14:40:22



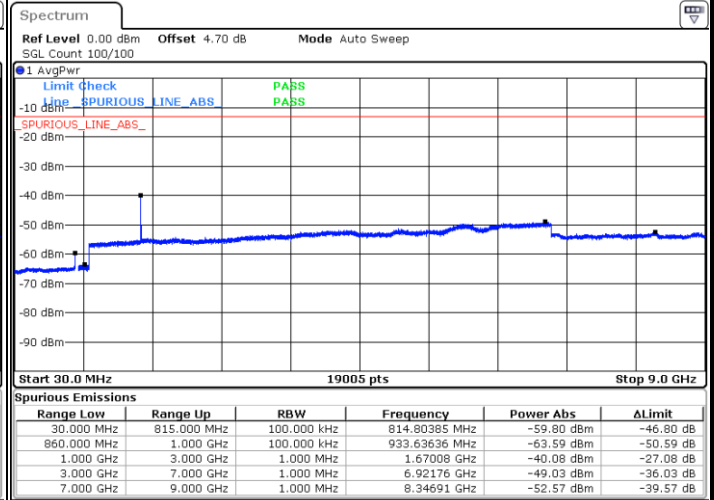
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 13.AUG.2020 14:51:09



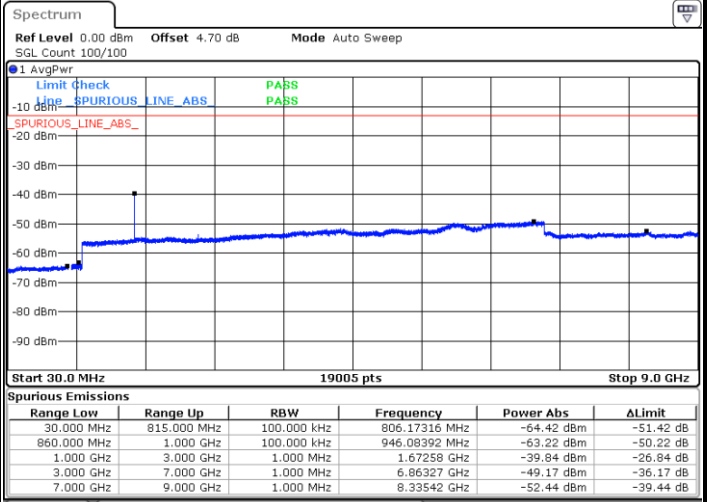
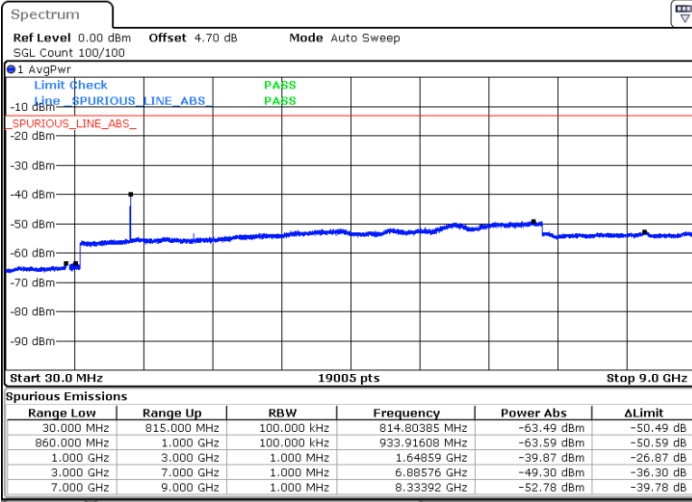
Date: 13.AUG.2020 14:51:42



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

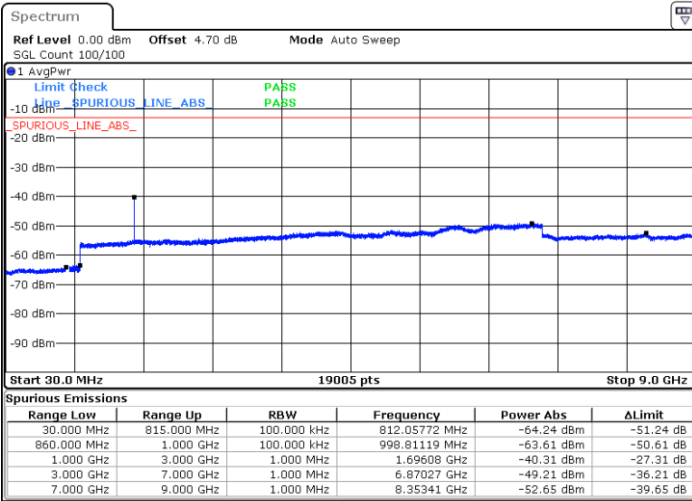
Middle Channel / 64QAM



Date: 13.AUG.2020 11:52:50

Date: 13.AUG.2020 11:59:41

Highest Channel / 64QAM

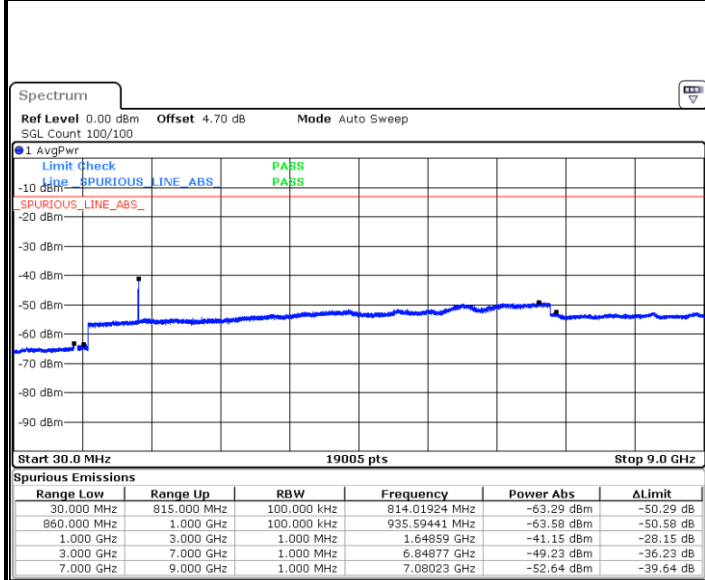


Date: 13.AUG.2020 12:10:30



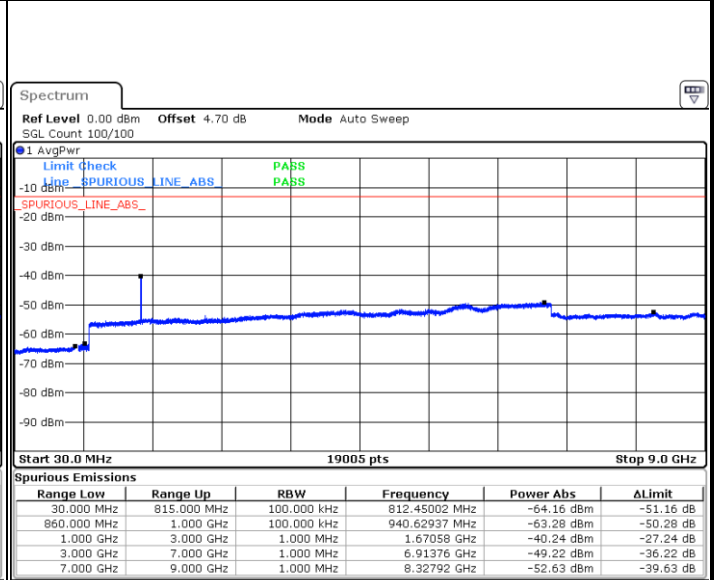
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



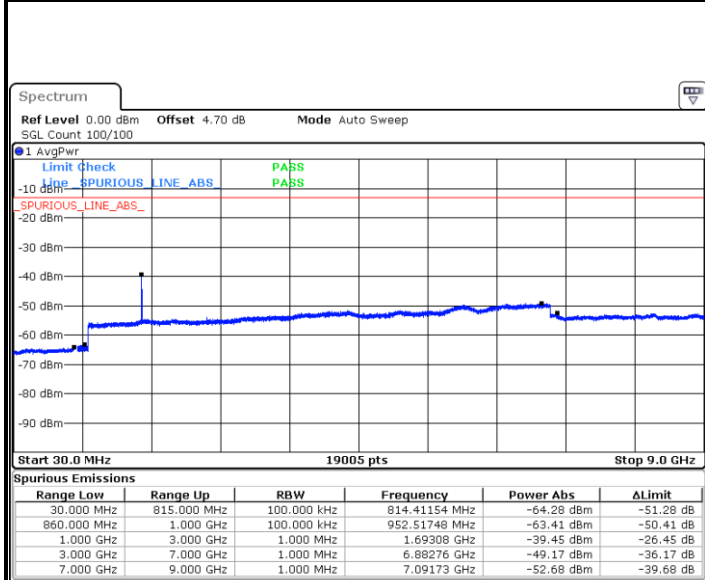
Date: 13.AUG.2020 12:29:32

Middle Channel / 64QAM

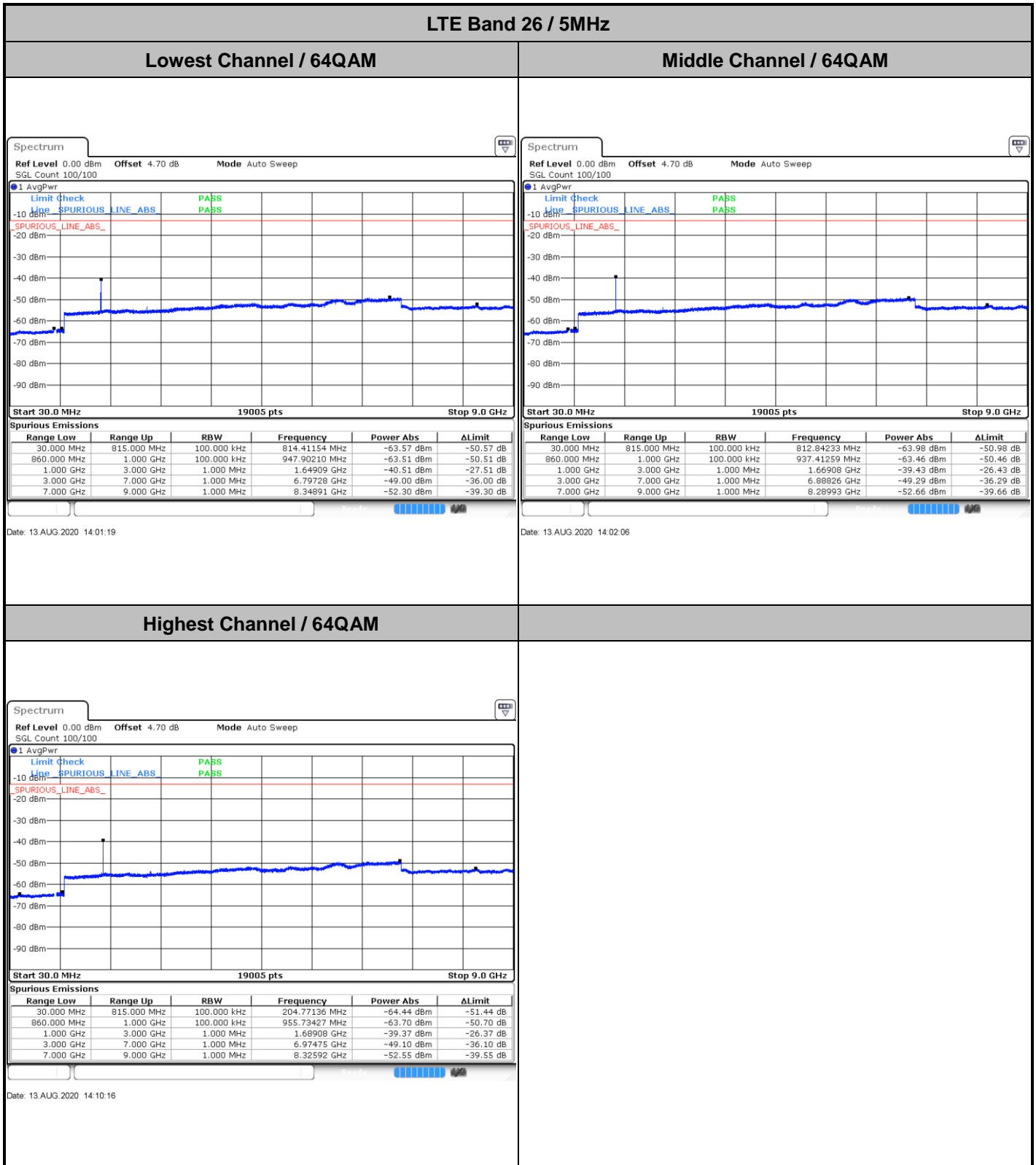


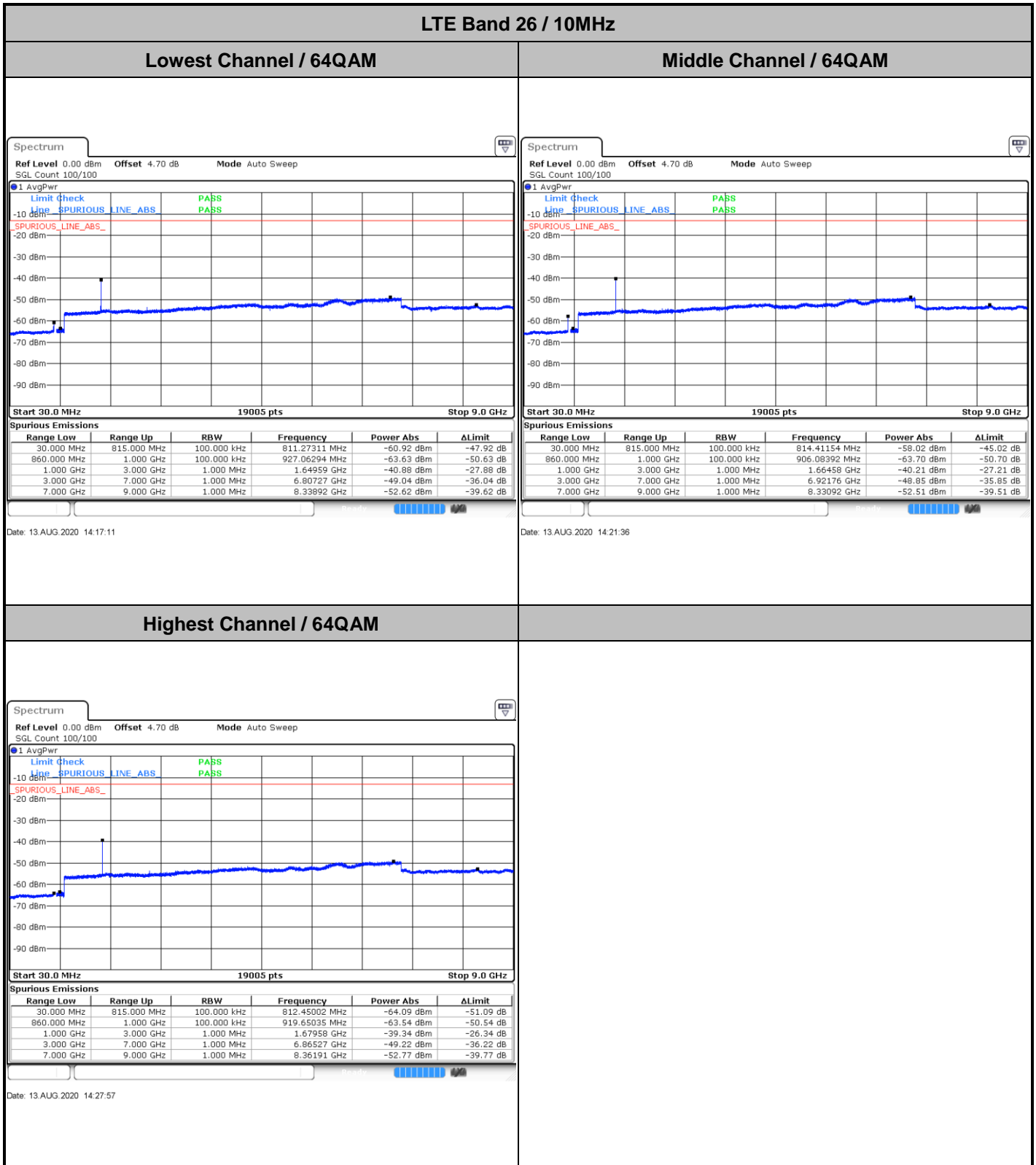
Date: 13.AUG.2020 12:33:21

Highest Channel / 64QAM



Date: 13.AUG.2020 12:36:20



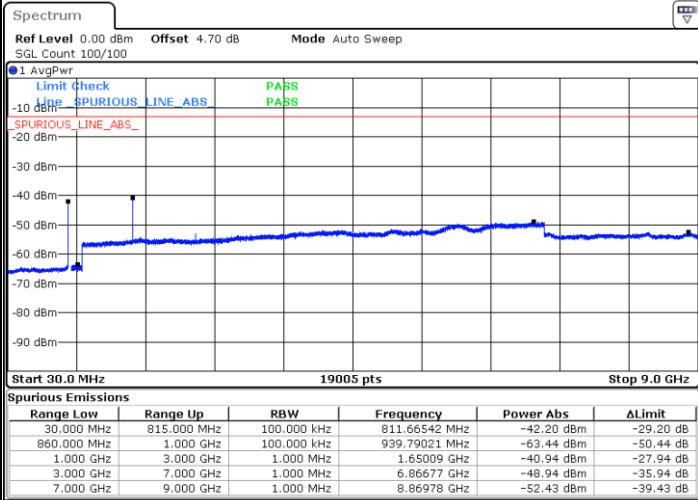




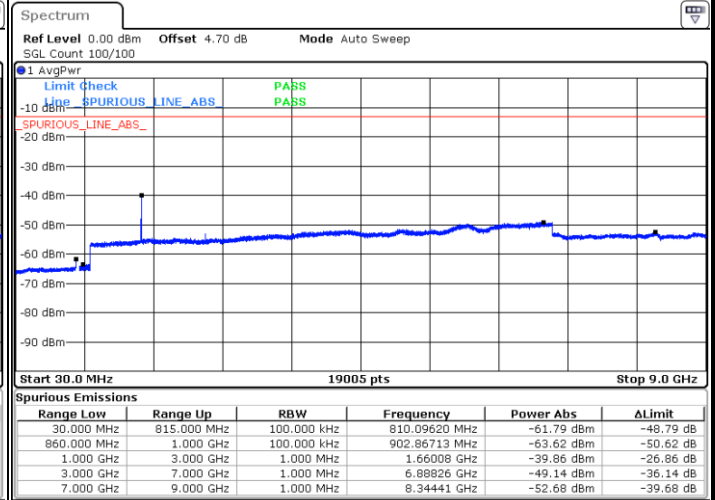
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

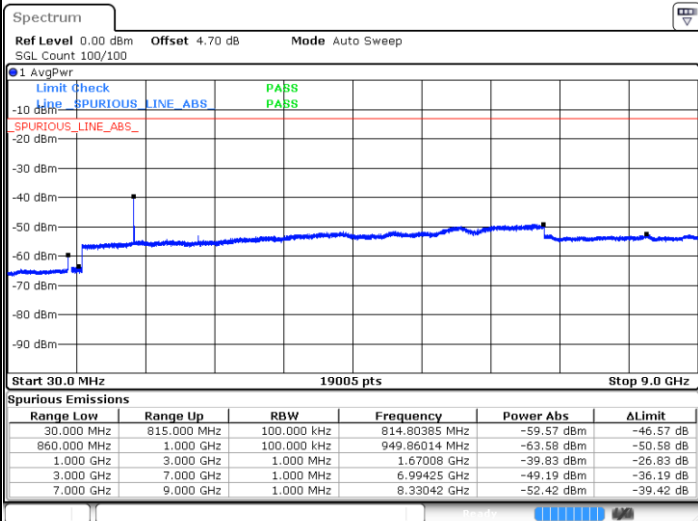


Date: 13.AUG.2020 14:38:00



Date: 13.AUG.2020 14:39:49

Highest Channel / 64QAM



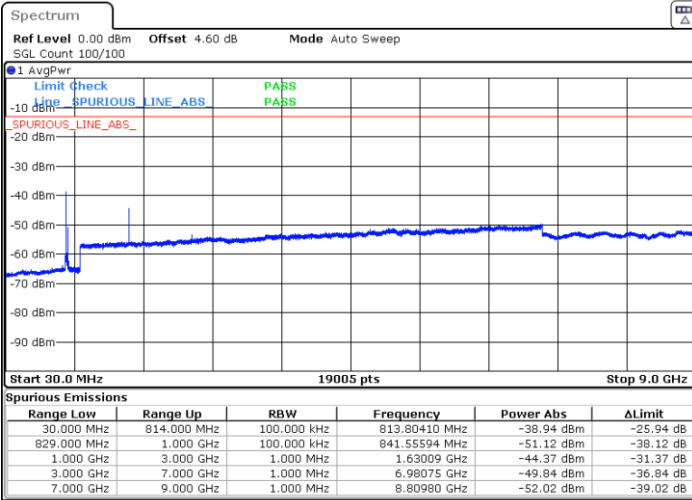
Date: 13.AUG.2020 14:52:23



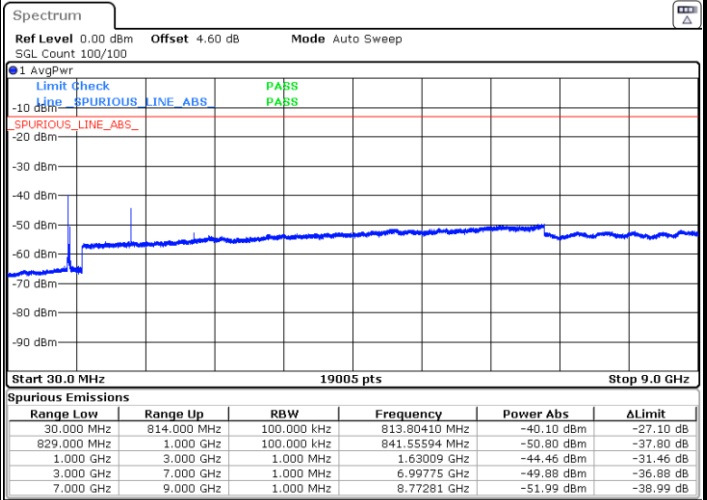
LTE Band 26 / 15MHz

Channel 26765/ QPSK

Channel 26765/ 16QAM

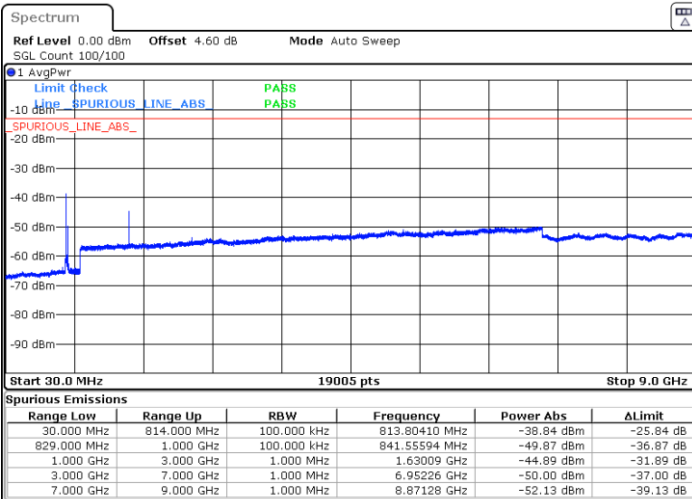


Date: 13.AUG.2020 01:56:36



Date: 13.AUG.2020 01:58:04

Channel 26765/ 64QAM



Date: 13.AUG.2020 01:58:32



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	0.0007	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



LTE Band 66

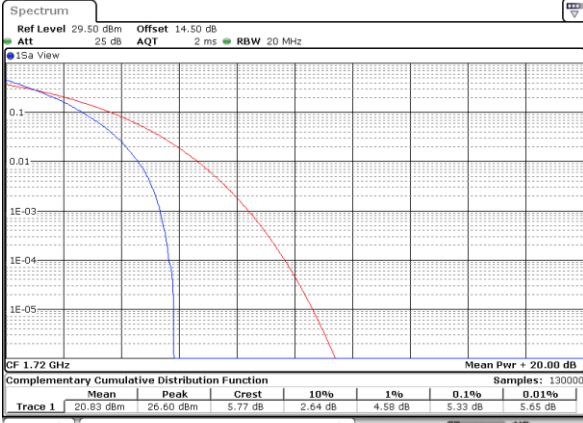
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.33	5.36	6.84	6.32	PASS
Middle CH	5.71	5.62	6.72	6.38	
Highest CH	6.06	5.33	7.10	6.14	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.61	6.70	-	-	PASS
Middle CH	6.35	6.70	-	-	
Highest CH	6.35	6.58	-	-	



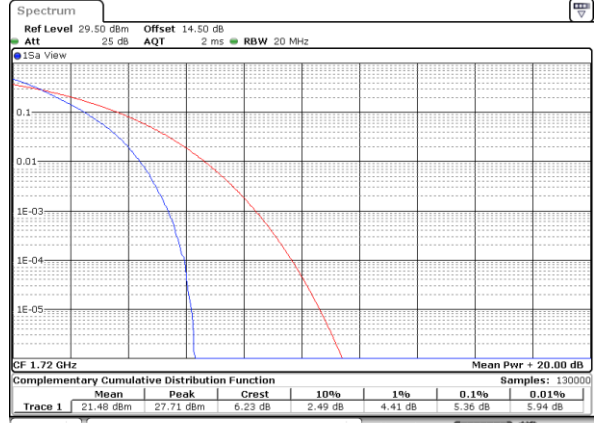
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



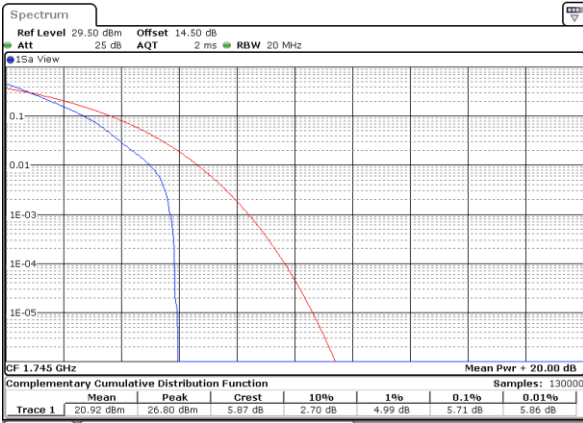
Date: 18_AUG.2020 10:23:58

Lowest Channel / Full RB



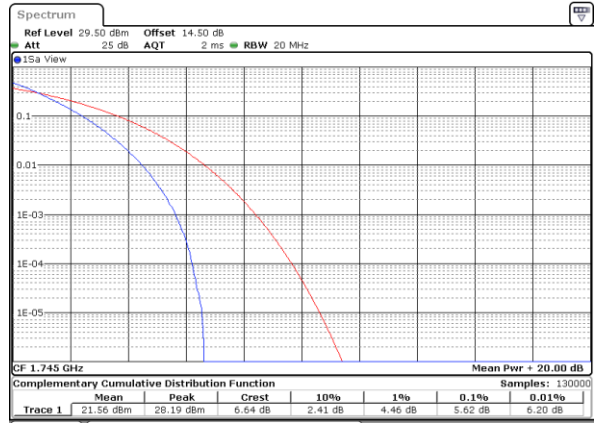
Date: 18_AUG.2020 10:27:49

Middle Channel / 1RB



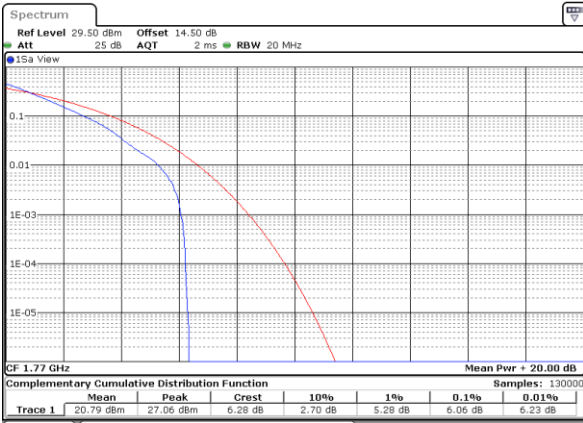
Date: 18_AUG.2020 10:25:14

Middle Channel / Full RB



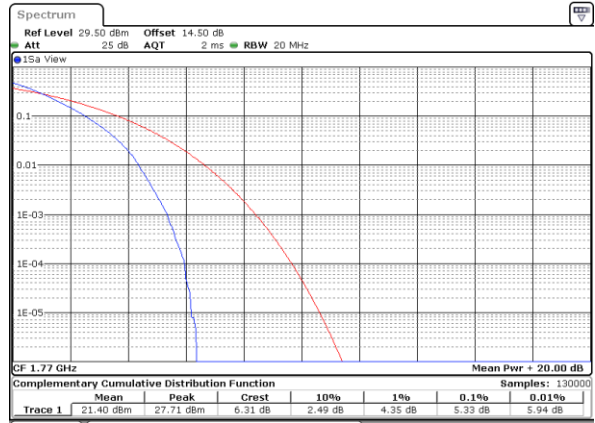
Date: 18_AUG.2020 10:29:01

Highest Channel / 1RB



Date: 18_AUG.2020 10:26:18

Highest Channel / Full RB

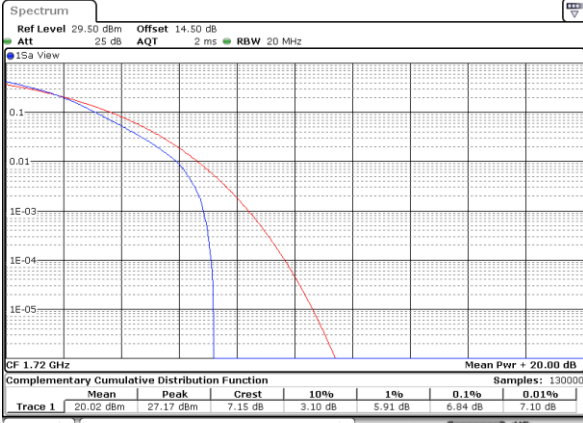


Date: 18_AUG.2020 10:29:31



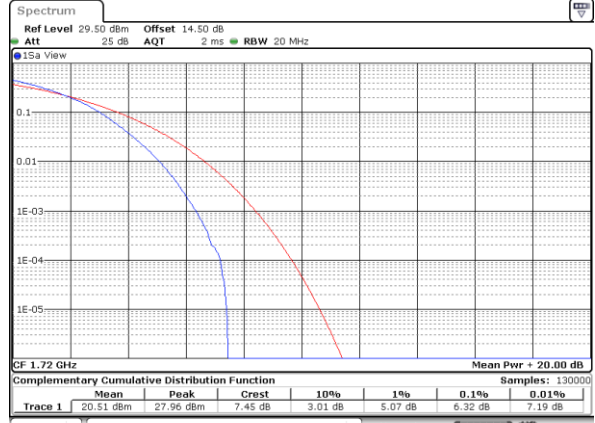
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



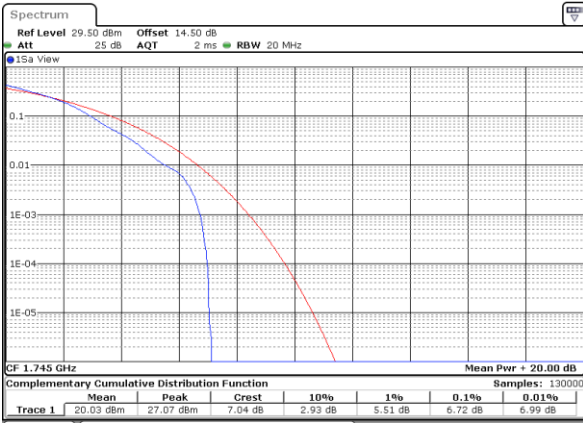
Date: 18_AUG.2020 10:24:09

Lowest Channel / Full RB



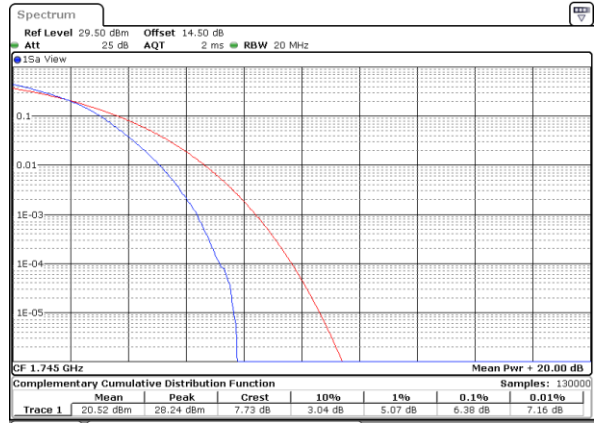
Date: 18_AUG.2020 10:28:01

Middle Channel / 1RB



Date: 18_AUG.2020 10:25:03

Middle Channel / Full RB



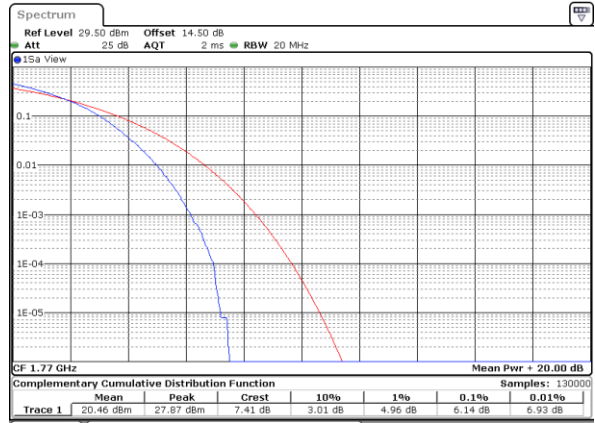
Date: 18_AUG.2020 10:28:51

Highest Channel / 1RB



Date: 18_AUG.2020 10:26:31

Highest Channel / Full RB

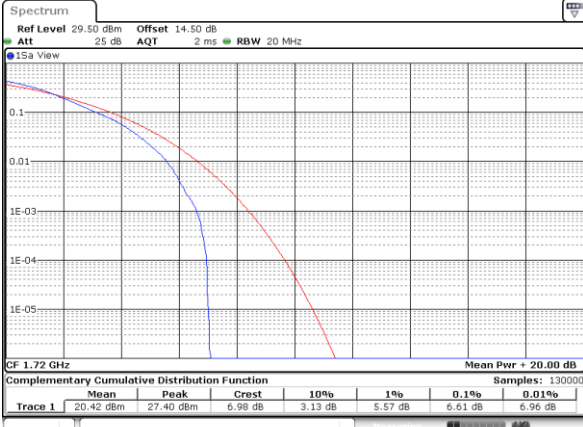


Date: 18_AUG.2020 10:29:42



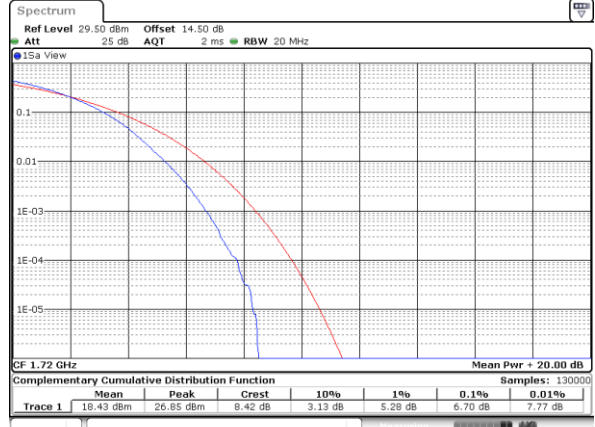
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



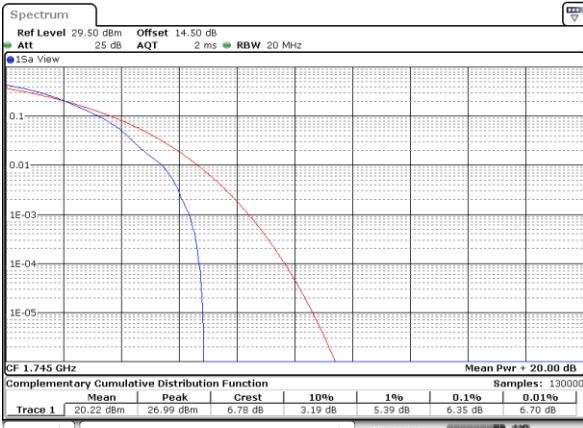
Date: 18_AUG.2020 10:24:20

Lowest Channel / Full RB



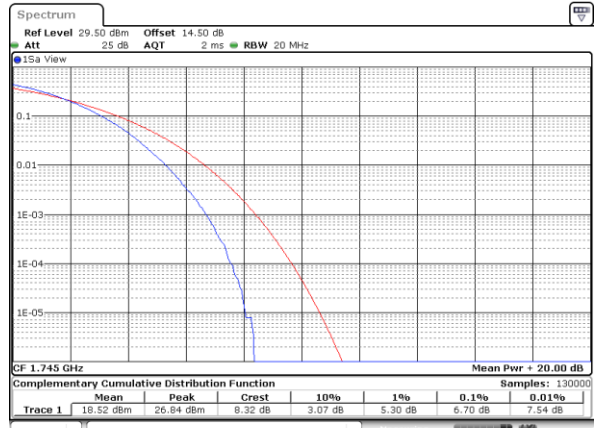
Date: 18_AUG.2020 10:28:13

Middle Channel / 1RB



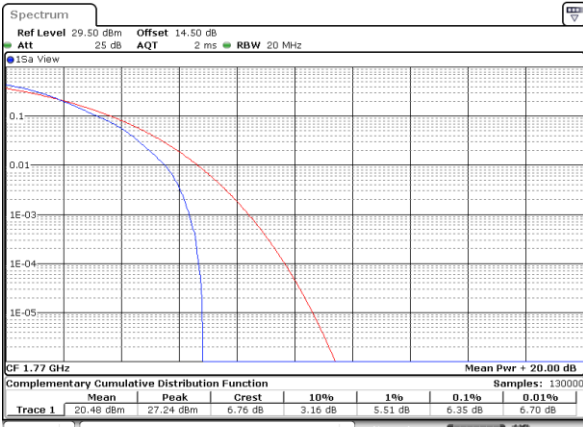
Date: 18_AUG.2020 10:24:50

Middle Channel / Full RB



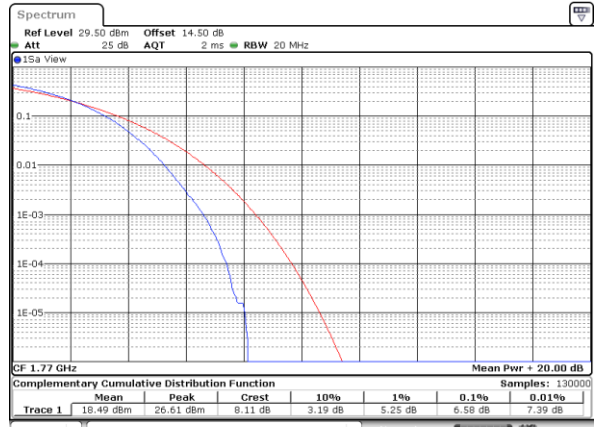
Date: 18_AUG.2020 10:28:57

Highest Channel / 1RB



Date: 18_AUG.2020 10:26:45

Highest Channel / Full RB



Date: 18_AUG.2020 10:29:53



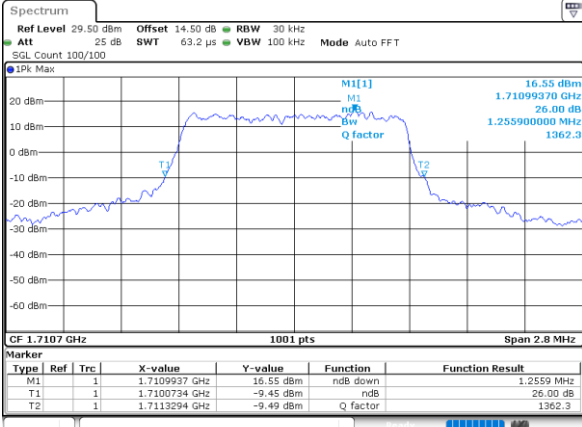
26dB Bandwidth

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	1.26	1.27	3.00	3.06	4.89	4.89	9.79	9.81	14.39	14.48	19.02	18.82
Middle CH	1.26	1.31	3.02	3.05	4.94	4.94	9.69	9.79	14.36	14.33	18.78	18.86
Highest CH	1.29	1.25	3.02	3.00	4.85	4.99	9.91	9.91	14.57	14.54	18.70	18.78
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.26	-	3.01	-	4.90	-	9.85	-	14.30	-	18.86	-
Middle CH	1.24	-	3.02	-	4.92	-	9.71	-	14.60	-	19.18	-
Highest CH	1.28	-	3.02	-	4.89	-	9.99	-	14.15	-	19.26	-



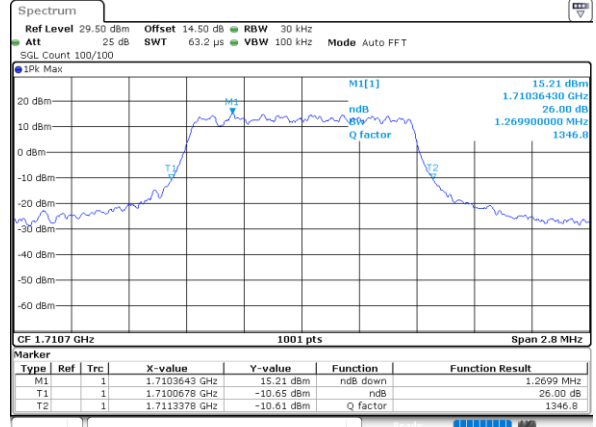
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



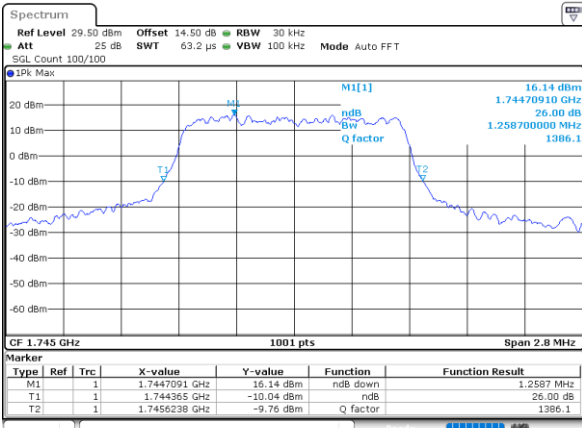
Date: 17.AUG.2020 11:49:22

Lowest Channel / 1.4MHz / 16QAM



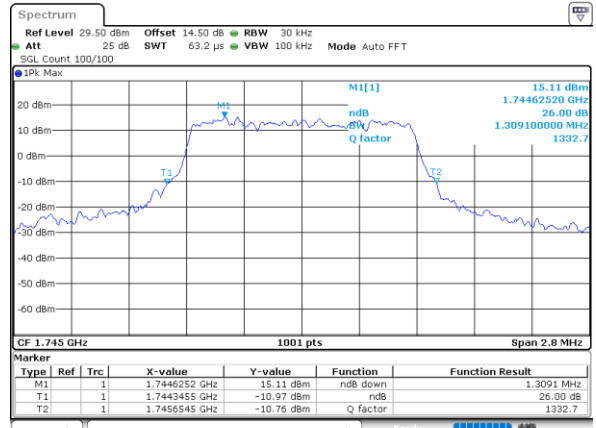
Date: 17.AUG.2020 11:50:54

Middle Channel / 1.4MHz / QPSK



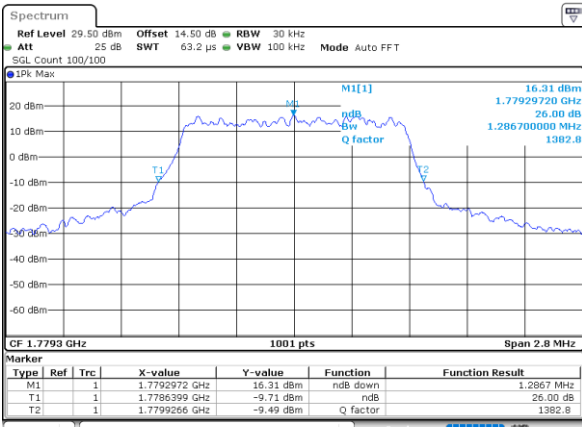
Date: 17.AUG.2020 11:53:11

Middle Channel / 1.4MHz / 16QAM



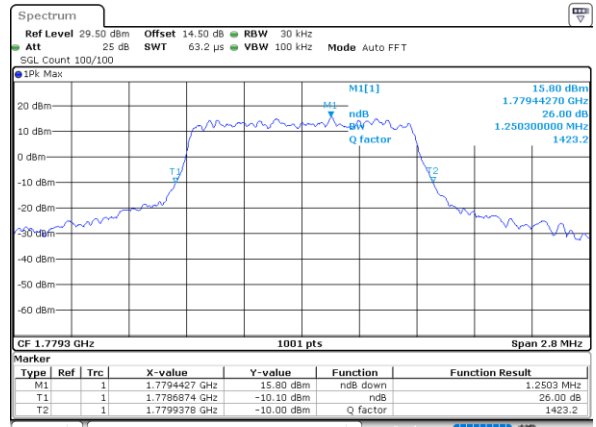
Date: 17.AUG.2020 11:52:34

Highest Channel / 1.4MHz / QPSK



Date: 17.AUG.2020 11:53:42

Highest Channel / 1.4MHz / 16QAM

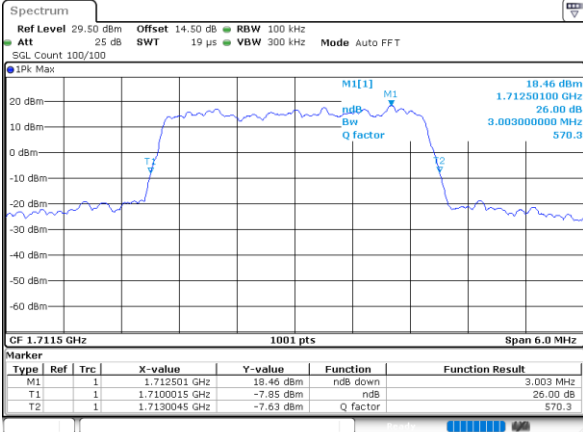


Date: 17.AUG.2020 11:54:03



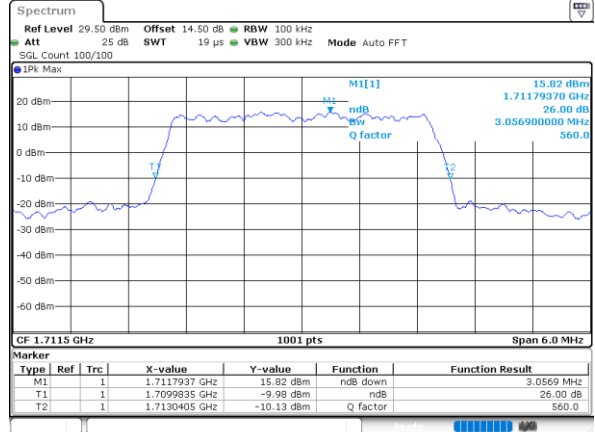
LTE Band 66

Lowest Channel / 3MHz / QPSK



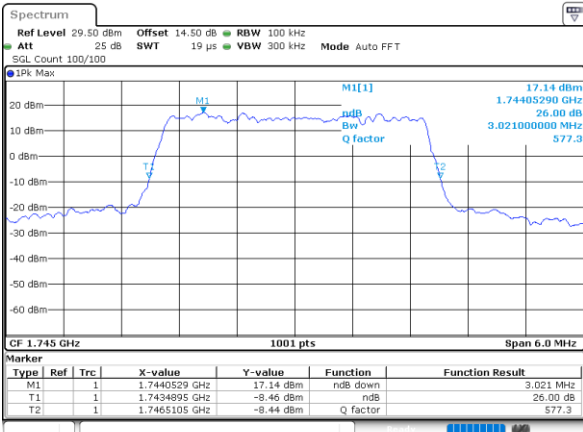
Date: 17_AUG.2020 11:55:06

Lowest Channel / 3MHz / 16QAM



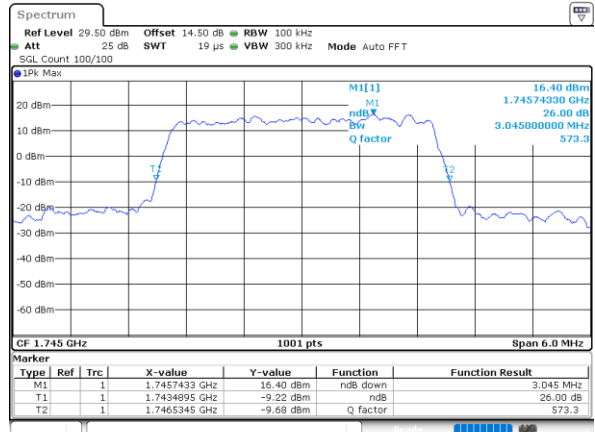
Date: 17_AUG.2020 11:55:25

Middle Channel / 3MHz / QPSK



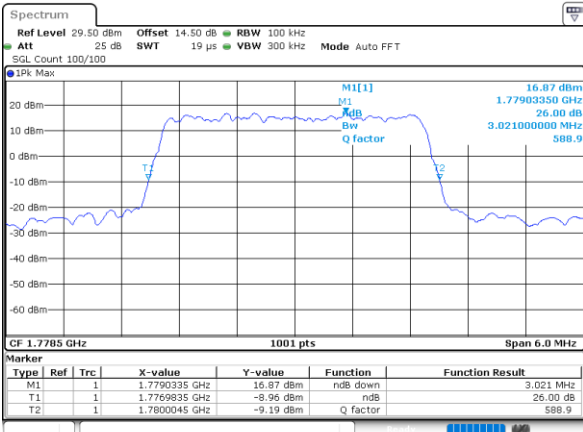
Date: 17_AUG.2020 11:56:47

Middle Channel / 3MHz / 16QAM



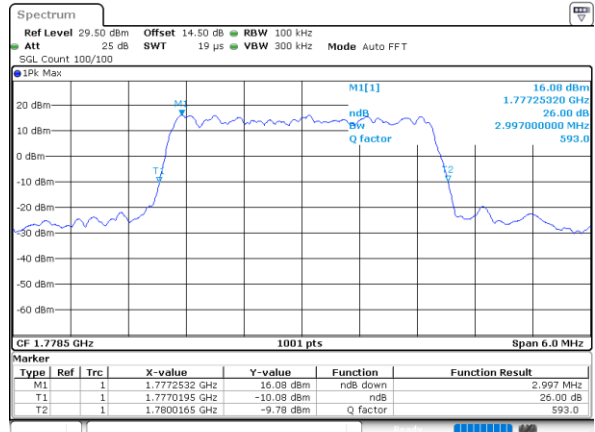
Date: 17_AUG.2020 11:56:30

Highest Channel / 3MHz / QPSK



Date: 17_AUG.2020 11:57:12

Highest Channel / 3MHz / 16QAM

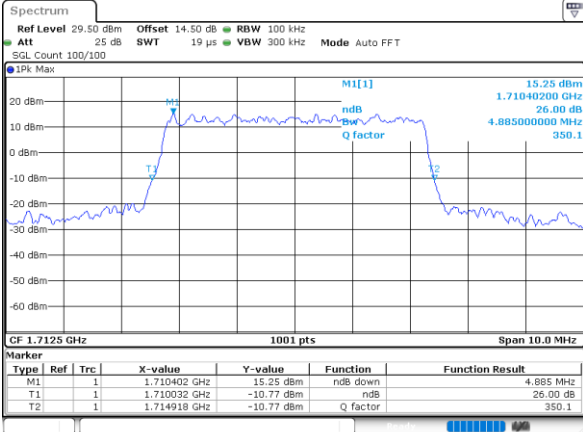


Date: 17_AUG.2020 11:57:31



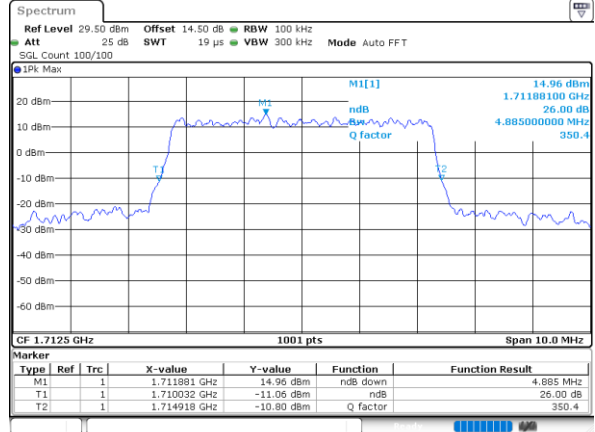
LTE Band 66

Lowest Channel / 5MHz / QPSK



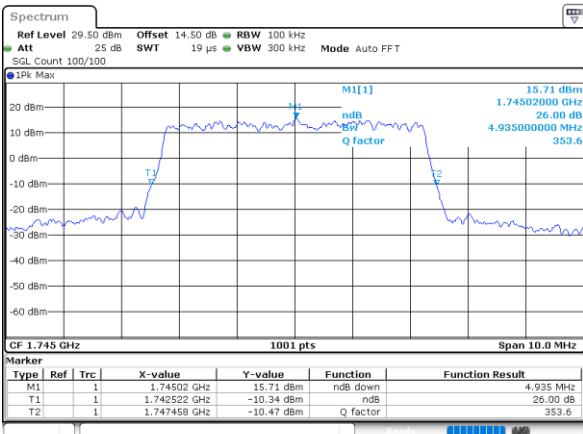
Date: 17_AUG.2020 11:59:10

Lowest Channel / 5MHz / 16QAM



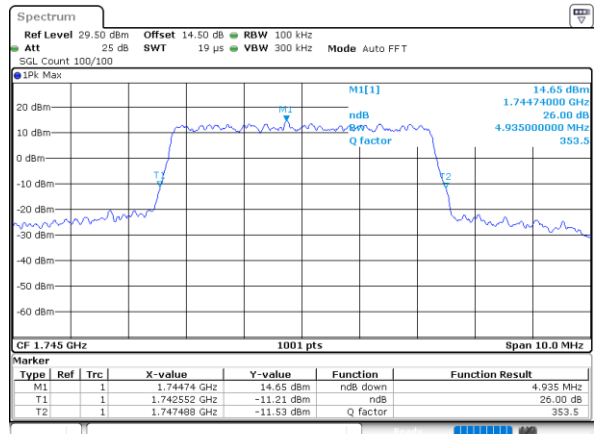
Date: 17_AUG.2020 11:58:57

Middle Channel / 5MHz / QPSK



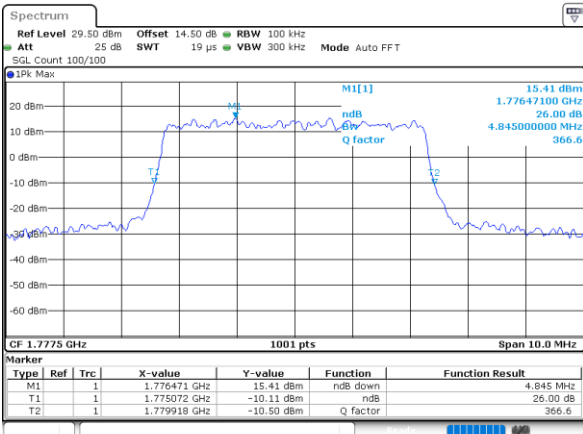
Date: 17_AUG.2020 11:59:03

Middle Channel / 5MHz / 16QAM



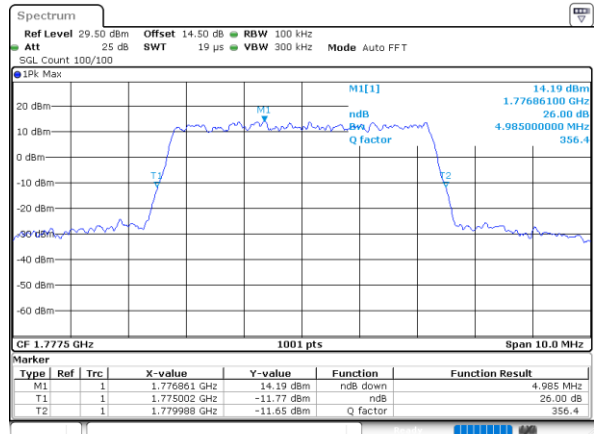
Date: 17_AUG.2020 11:59:01

Highest Channel / 5MHz / QPSK



Date: 17_AUG.2020 12:00:59

Highest Channel / 5MHz / 16QAM

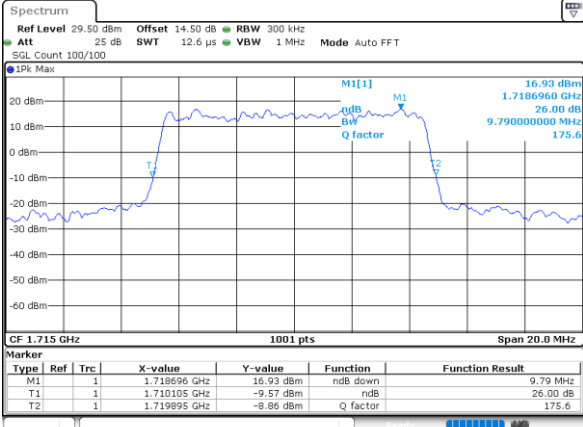


Date: 17_AUG.2020 12:00:45



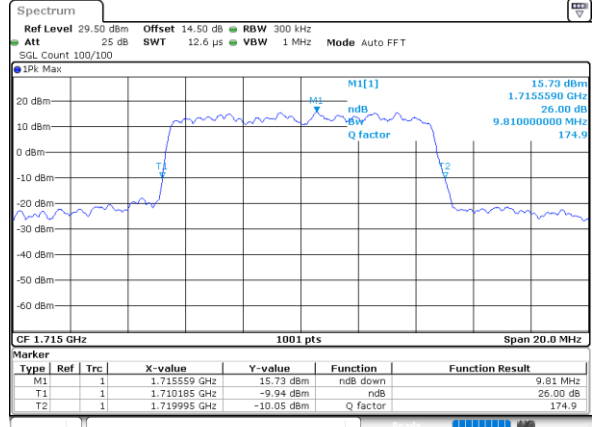
LTE Band 66

Lowest Channel / 10MHz / QPSK



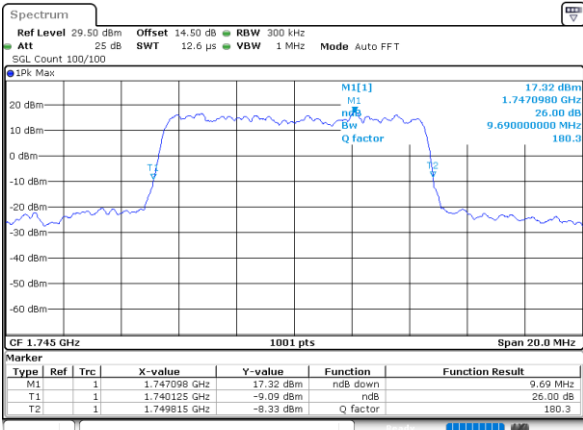
Date: 18.AUG.2020 08:56:09

Lowest Channel / 10MHz / 16QAM



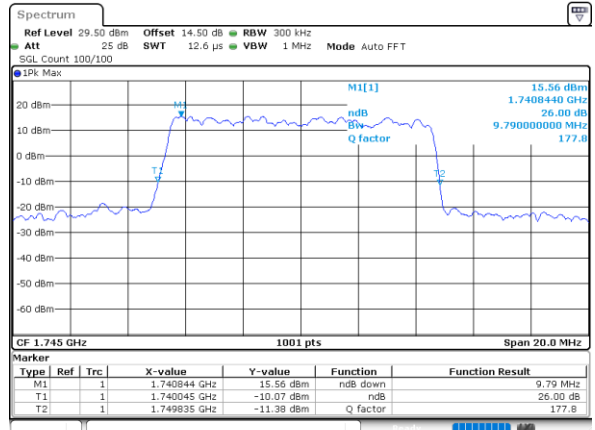
Date: 18.AUG.2020 08:56:22

Middle Channel / 10MHz / QPSK



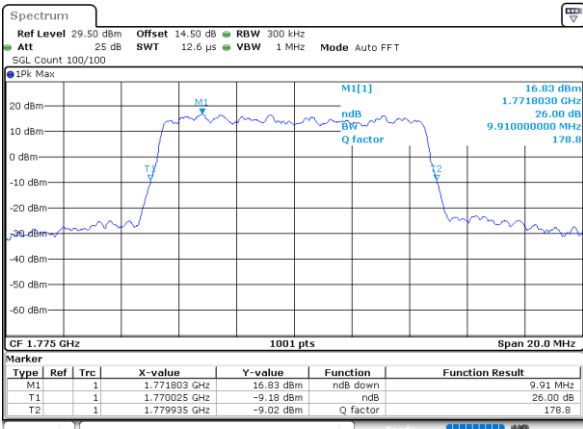
Date: 18.AUG.2020 08:57:42

Middle Channel / 10MHz / 16QAM



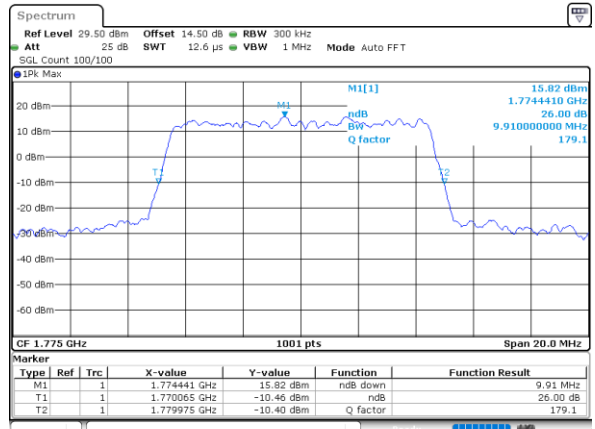
Date: 18.AUG.2020 08:57:24

Highest Channel / 10MHz / QPSK



Date: 18.AUG.2020 08:59:02

Highest Channel / 10MHz / 16QAM

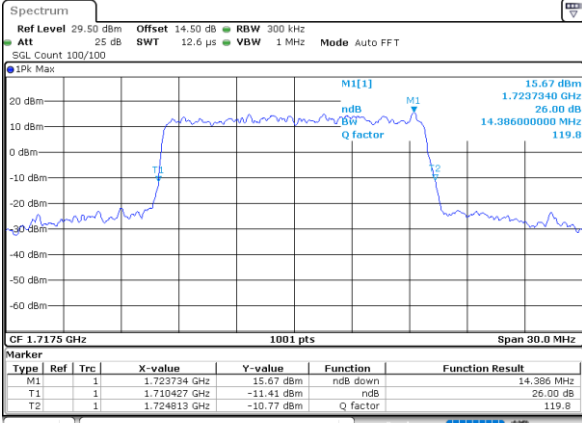


Date: 18.AUG.2020 08:58:43



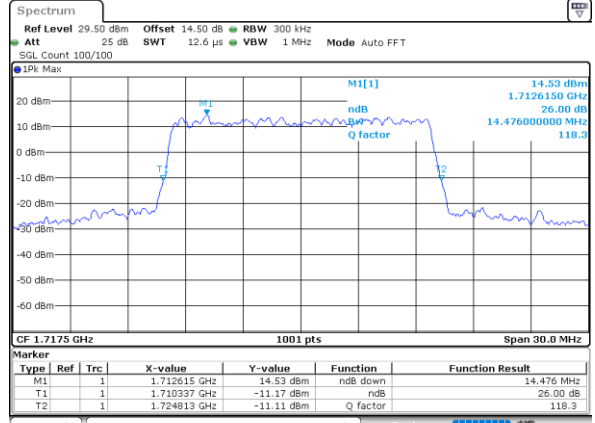
LTE Band 66

Lowest Channel / 15MHz / QPSK



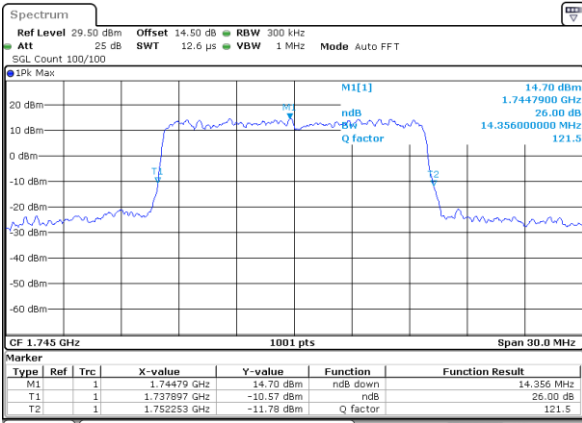
Date: 18.AUG.2020 09:01:05

Lowest Channel / 15MHz / 16QAM



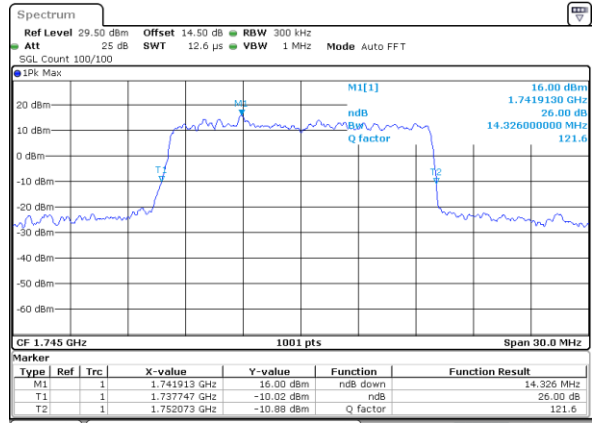
Date: 18.AUG.2020 09:01:30

Middle Channel / 15MHz / QPSK



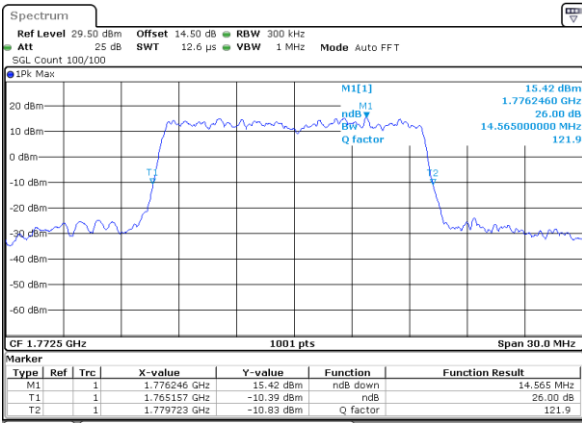
Date: 18.AUG.2020 09:04:30

Middle Channel / 15MHz / 16QAM



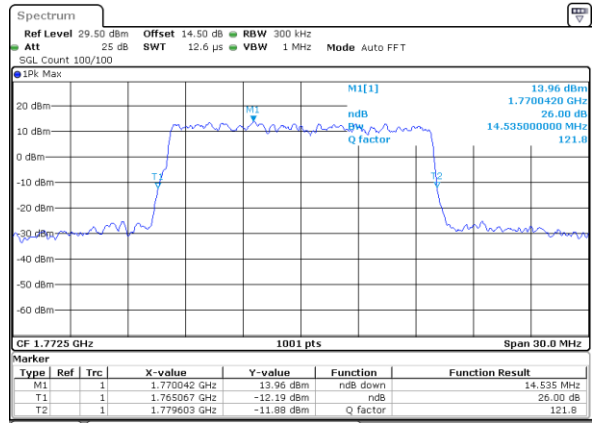
Date: 18.AUG.2020 09:04:11

Highest Channel / 15MHz / QPSK



Date: 18.AUG.2020 09:05:16

Highest Channel / 15MHz / 16QAM

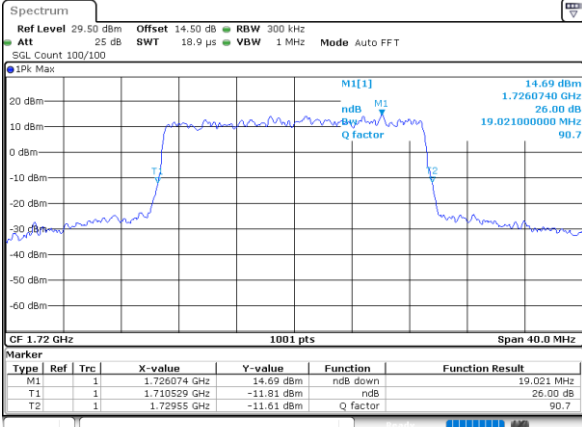


Date: 18.AUG.2020 09:05:49



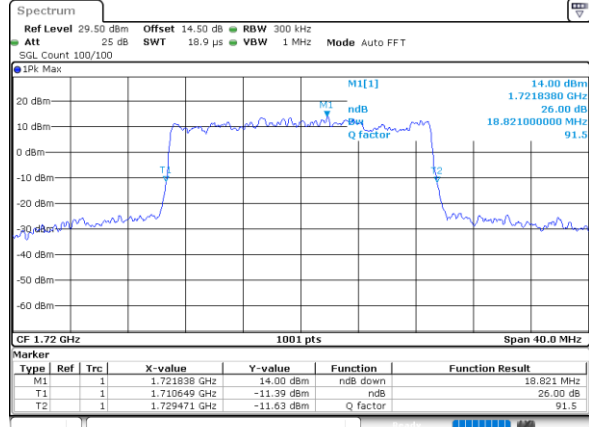
LTE Band 66

Lowest Channel / 20MHz / QPSK



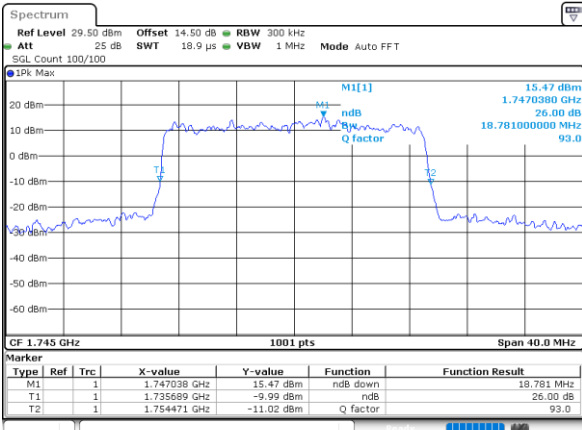
Date: 18.AUG.2020 09:08:41

Lowest Channel / 20MHz / 16QAM



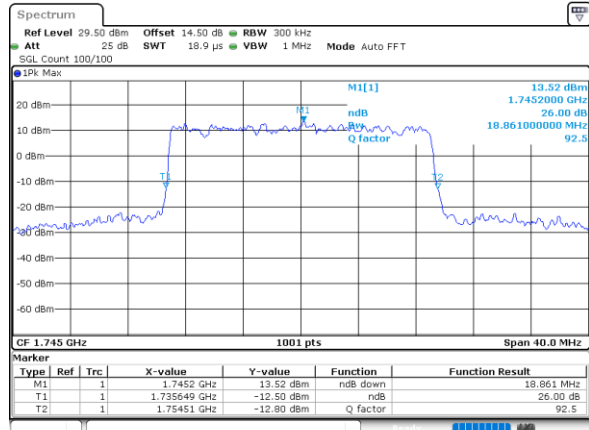
Date: 18.AUG.2020 09:10:35

Middle Channel / 20MHz / QPSK



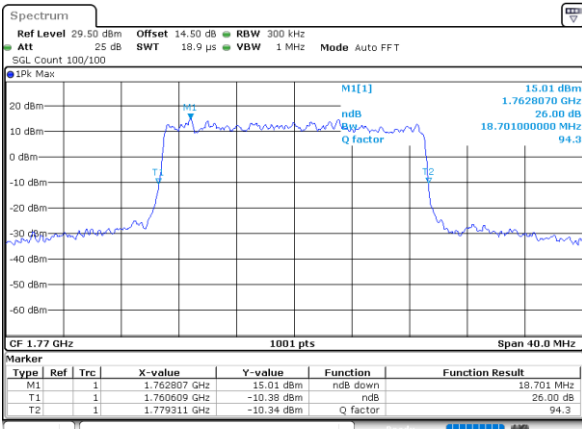
Date: 18.AUG.2020 09:11:23

Middle Channel / 20MHz / 16QAM



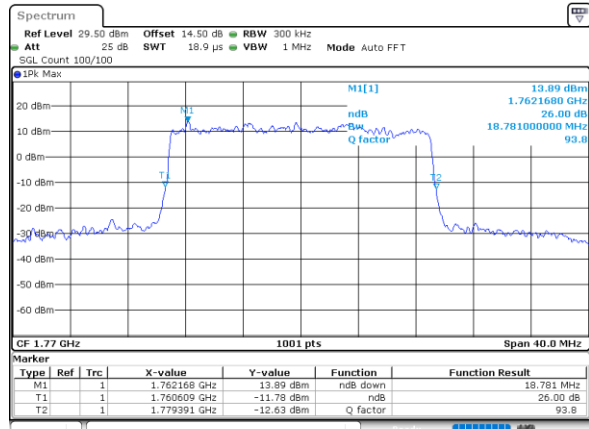
Date: 18.AUG.2020 09:11:07

Highest Channel / 20MHz / QPSK



Date: 18.AUG.2020 10:20:28

Highest Channel / 20MHz / 16QAM

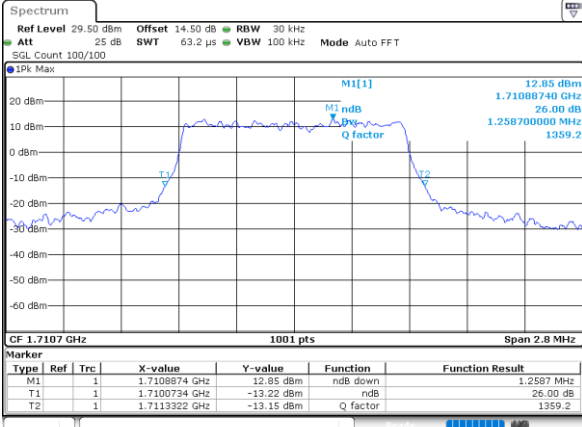


Date: 18.AUG.2020 10:20:11



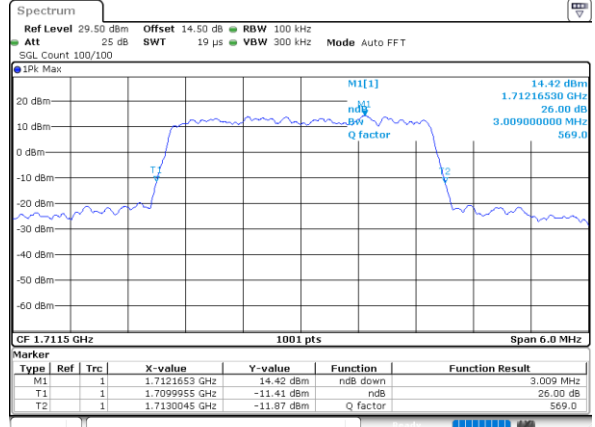
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



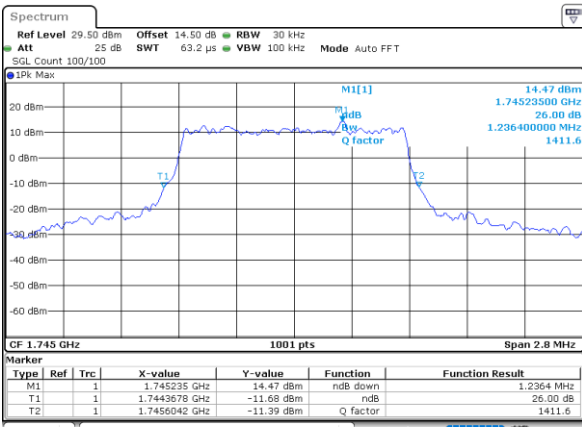
Date: 17.AUG.2020 11:51:10

Lowest Channel / 3MHz / 64QAM



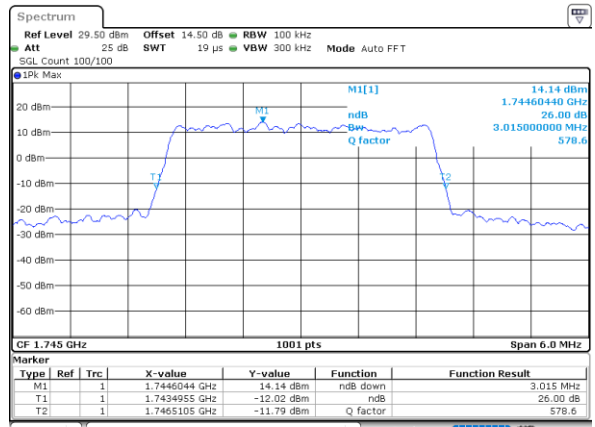
Date: 17.AUG.2020 11:55:46

Middle Channel / 20MHz / 64QAM



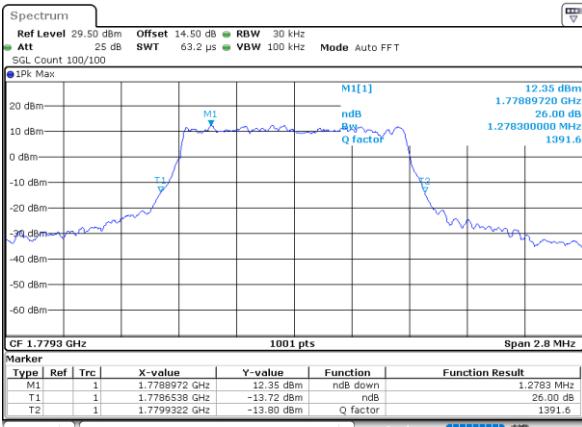
Date: 17.AUG.2020 11:51:50

Middle Channel / 3MHz / 64QAM



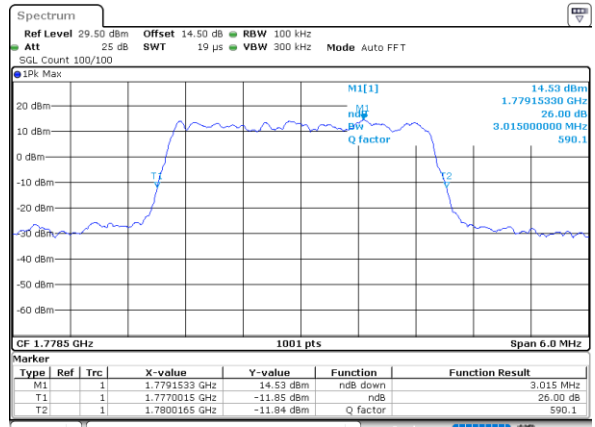
Date: 17.AUG.2020 11:56:17

Highest Channel / 20MHz / 64QAM



Date: 17.AUG.2020 11:54:20

Highest Channel / 3MHz / 64QAM

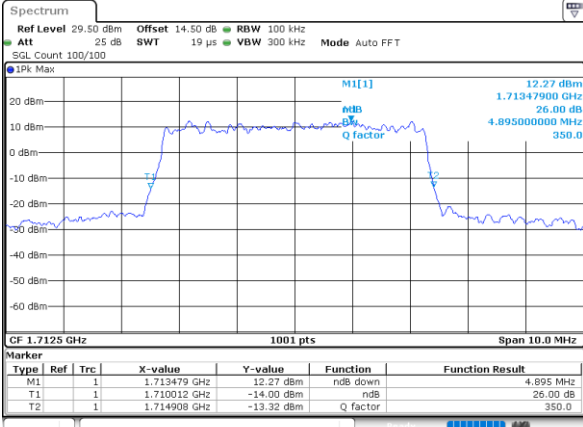


Date: 17.AUG.2020 11:57:51



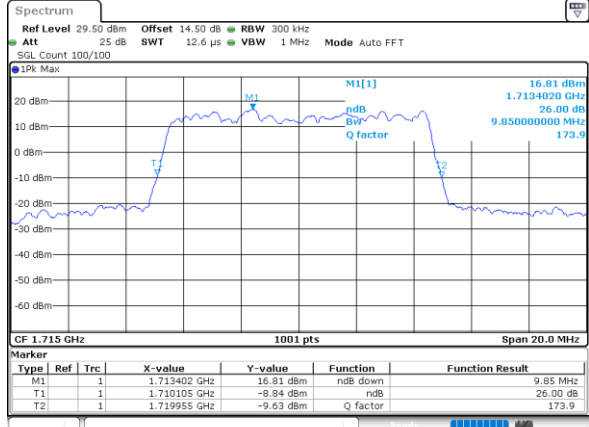
LTE Band 66

Lowest Channel / 5MHz / 64QAM



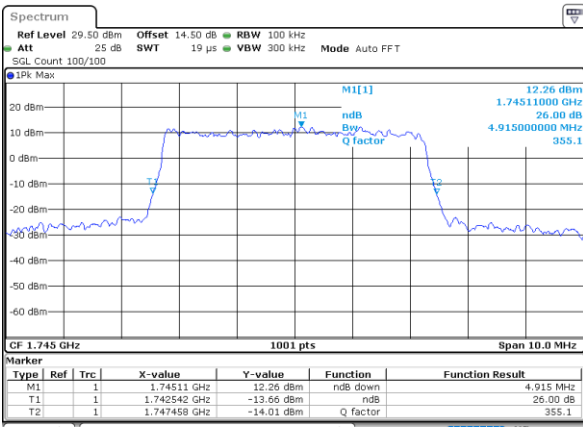
Date: 17_AUG.2020 11:58:36

Lowest Channel / 10MHz / 64QAM



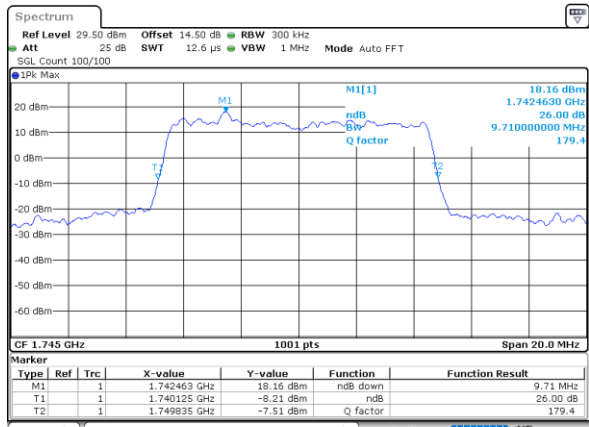
Date: 18_AUG.2020 08:56:40

Middle Channel / 5MHz / 64QAM



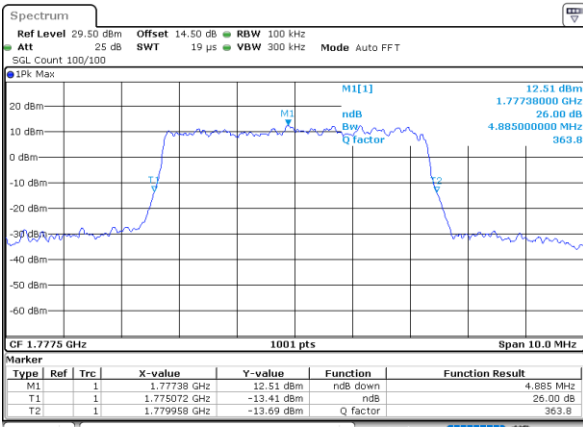
Date: 17_AUG.2020 12:00:06

Middle Channel / 10MHz / 64QAM



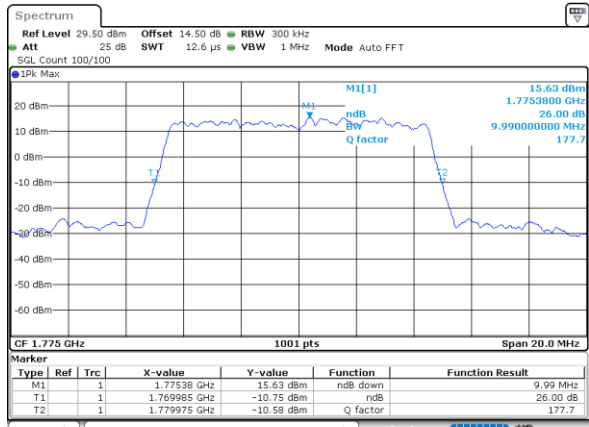
Date: 18_AUG.2020 08:57:06

Highest Channel / 5MHz / 64QAM



Date: 17_AUG.2020 12:00:30

Highest Channel / 10MHz / 64QAM

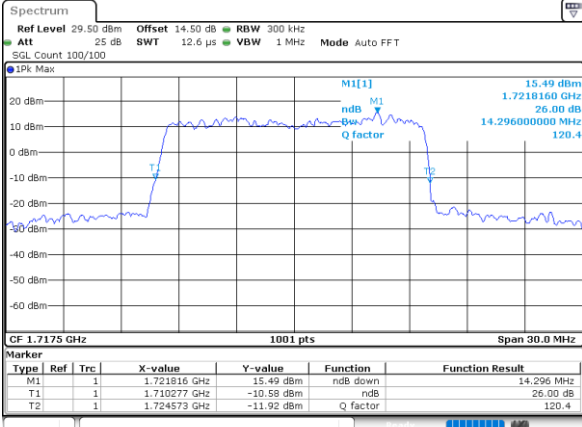


Date: 18_AUG.2020 08:59:42



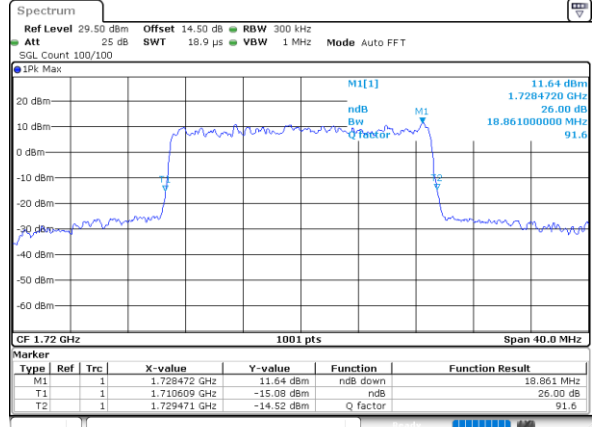
LTE Band 66

Lowest Channel / 15MHz / 64QAM



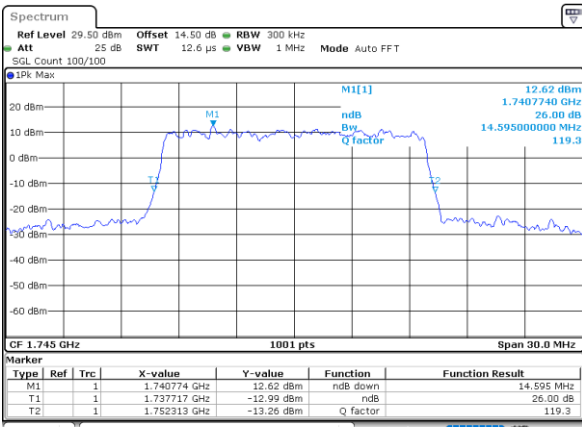
Date: 18.AUG.2020 09:02:03

Lowest Channel / 20MHz / 64QAM



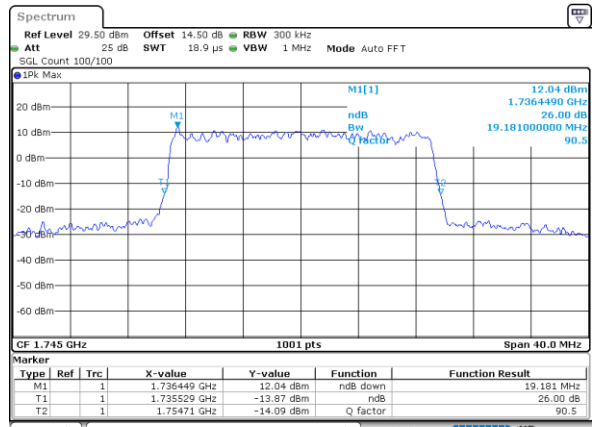
Date: 18.AUG.2020 09:10:53

Middle Channel / 15MHz / 64QAM



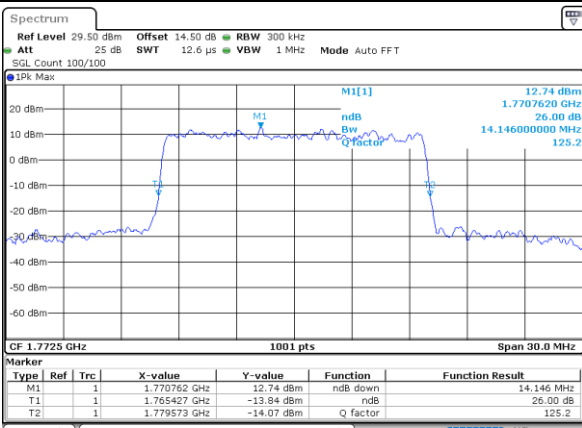
Date: 18.AUG.2020 09:03:53

Middle Channel / 20MHz / 64QAM



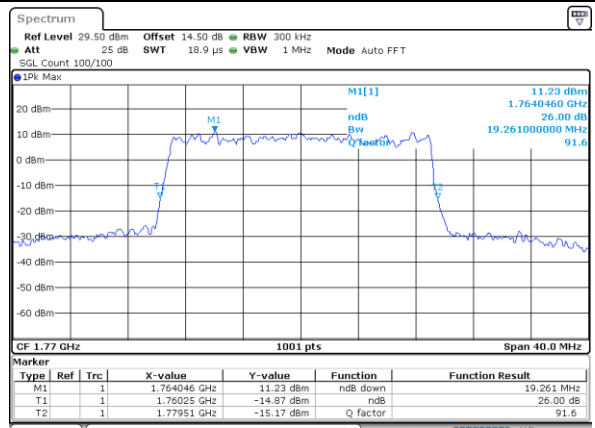
Date: 18.AUG.2020 09:10:42

Highest Channel / 15MHz / 64QAM



Date: 18.AUG.2020 09:06:13

Highest Channel / 20MHz / 64QAM



Date: 18.AUG.2020 10:21:28



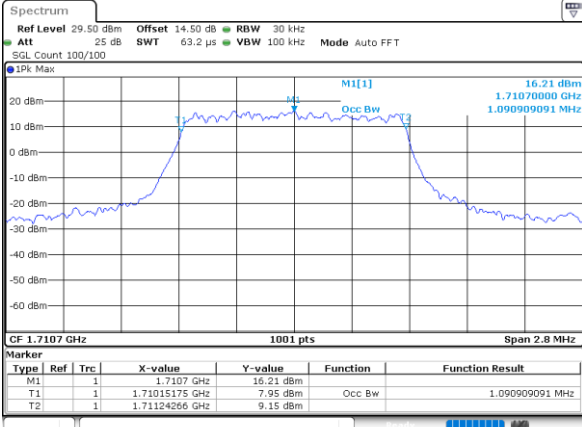
Occupied Bandwidth

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	1.09	1.10	2.73	2.71	4.50	4.49	8.99	9.01	13.43	13.49	17.94	17.82
Middle CH	1.09	1.10	2.73	2.73	4.49	4.48	9.05	8.99	13.40	13.43	17.90	17.86
Highest CH	1.09	1.10	2.72	2.72	4.48	4.50	9.01	8.99	13.49	13.46	17.94	17.82
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	-	4.50	-	9.05	-	13.40	-	17.90	-
Middle CH	1.09	-	2.72	-	4.50	-	8.99	-	13.46	-	17.90	-
Highest CH	1.10	-	2.73	-	4.49	-	9.09	-	13.46	-	17.90	-



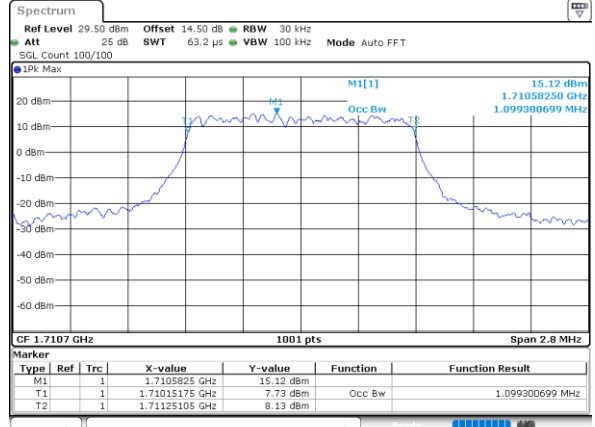
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



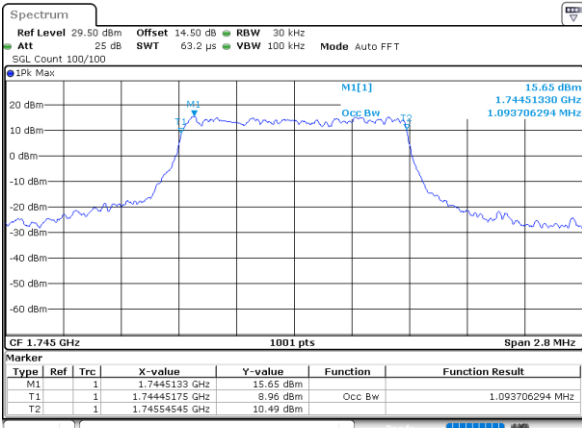
Date: 17.AUG.2020 11:49:14

Lowest Channel / 1.4MHz / 16QAM



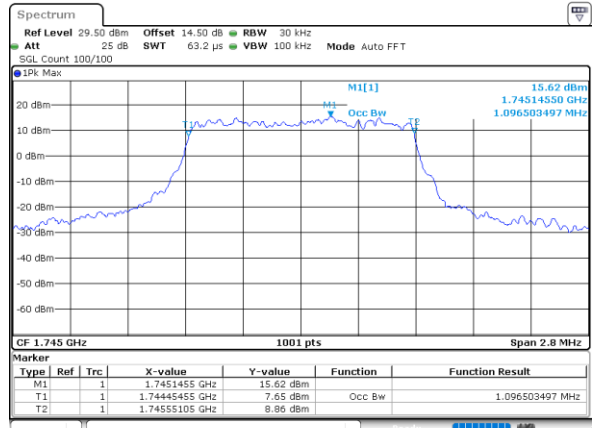
Date: 17.AUG.2020 11:50:47

Middle Channel / 1.4MHz / QPSK



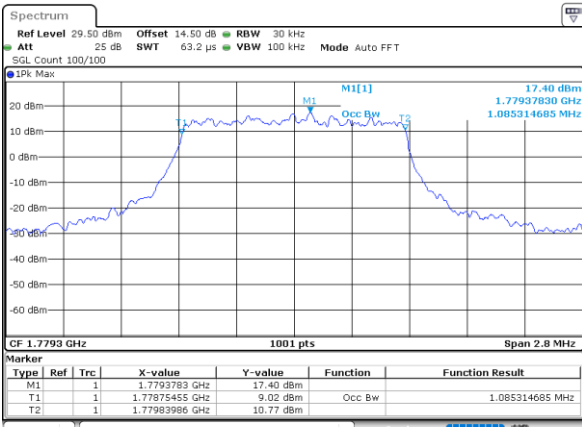
Date: 17.AUG.2020 11:53:05

Middle Channel / 1.4MHz / 16QAM



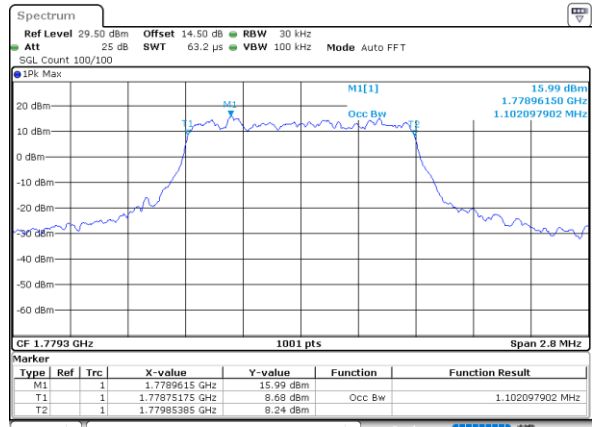
Date: 17.AUG.2020 11:52:28

Highest Channel / 1.4MHz / QPSK



Date: 17.AUG.2020 11:53:36

Highest Channel / 1.4MHz / 16QAM

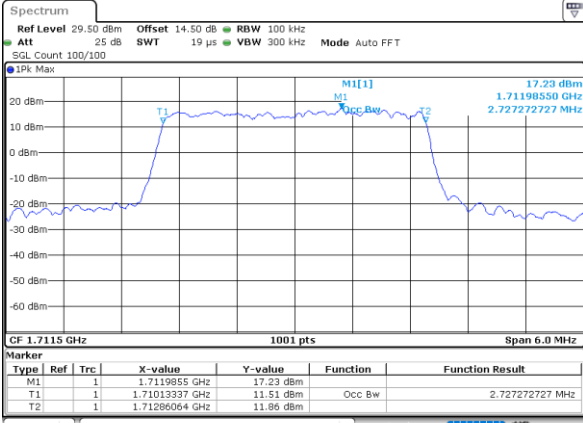


Date: 17.AUG.2020 11:53:57



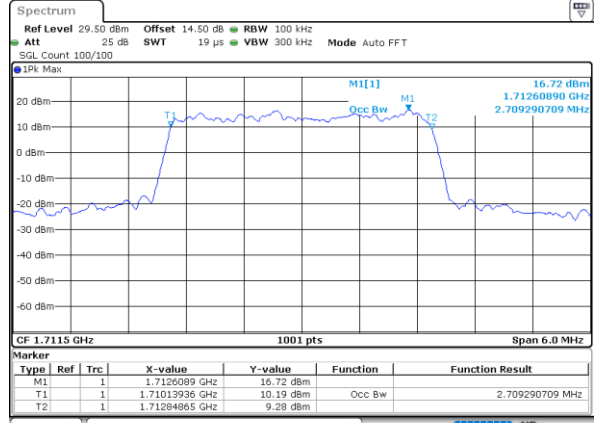
LTE Band 66

Lowest Channel / 3MHz / QPSK



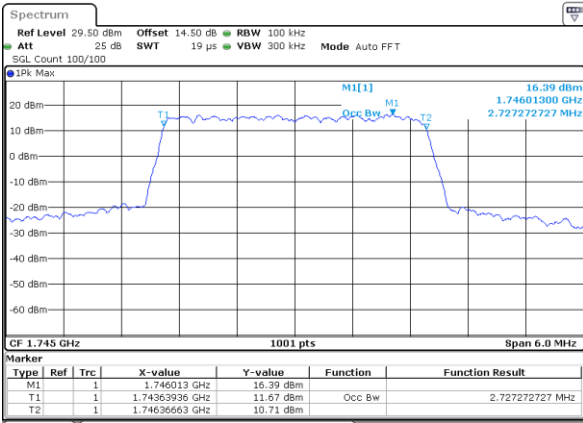
Date: 17_AUG.2020 11:55:01

Lowest Channel / 3MHz / 16QAM



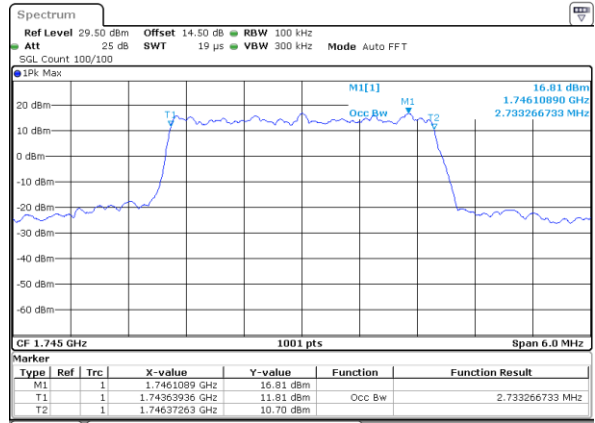
Date: 17_AUG.2020 11:55:19

Middle Channel / 3MHz / QPSK



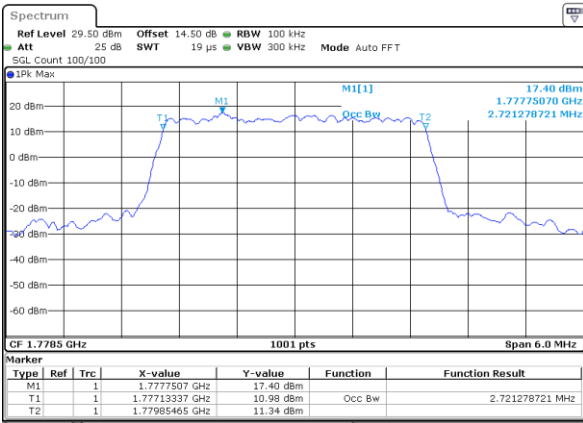
Date: 17_AUG.2020 11:56:41

Middle Channel / 3MHz / 16QAM



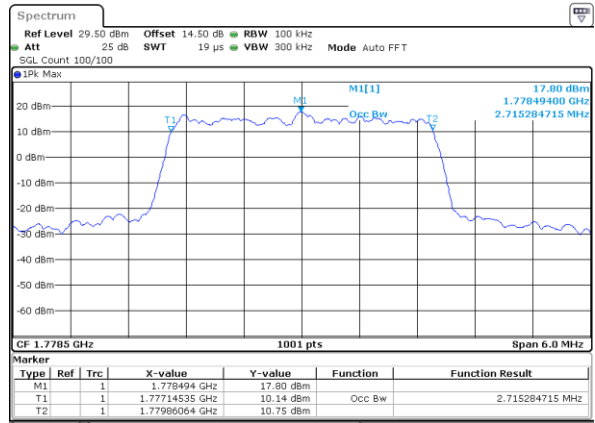
Date: 17_AUG.2020 11:56:24

Highest Channel / 3MHz / QPSK



Date: 17_AUG.2020 11:57:06

Highest Channel / 3MHz / 16QAM

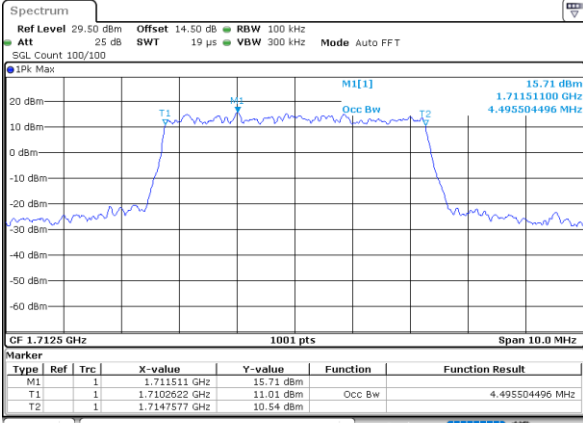


Date: 17_AUG.2020 11:57:25



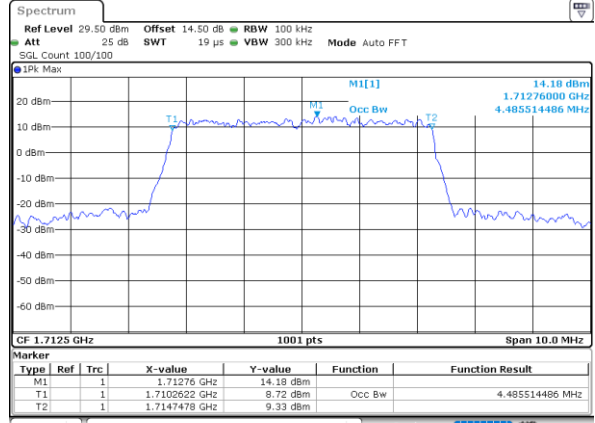
LTE Band 66

Lowest Channel / 5MHz / QPSK



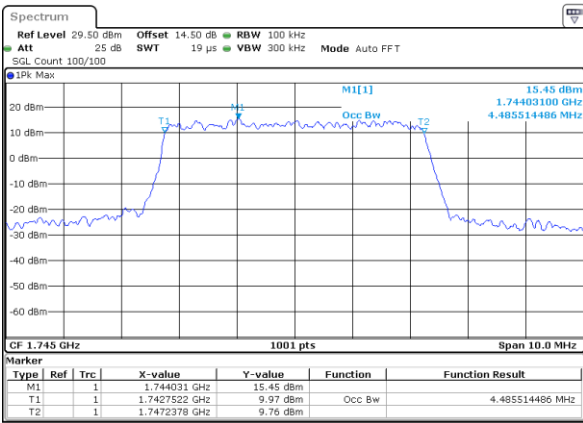
Date: 17_AUG.2020 11:59:05

Lowest Channel / 5MHz / 16QAM



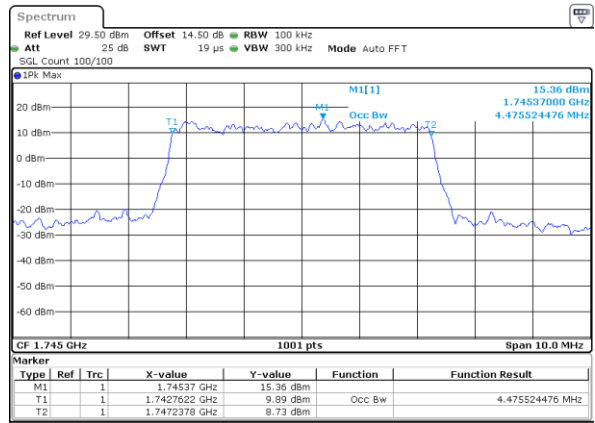
Date: 17_AUG.2020 11:58:51

Middle Channel / 5MHz / QPSK



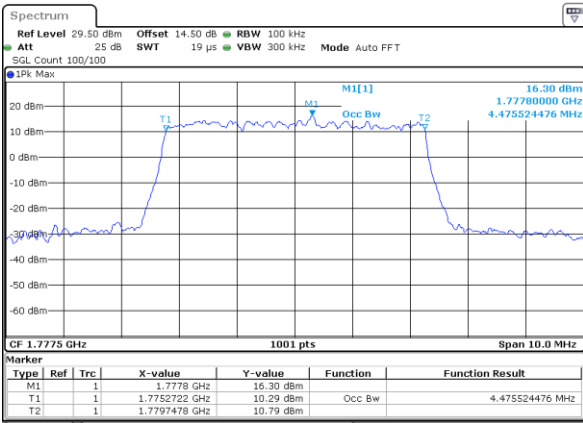
Date: 17_AUG.2020 11:59:28

Middle Channel / 5MHz / 16QAM



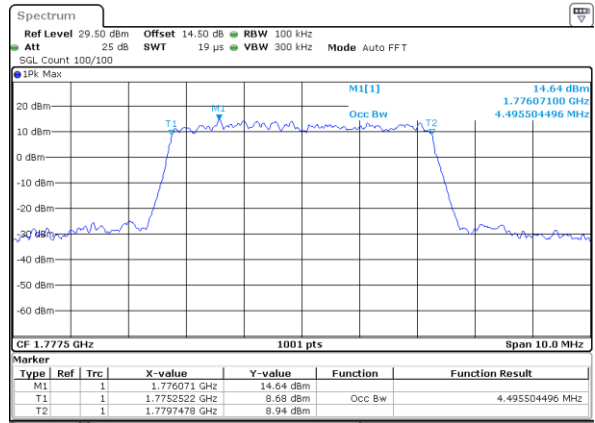
Date: 17_AUG.2020 11:59:46

Highest Channel / 5MHz / QPSK



Date: 17_AUG.2020 12:00:53

Highest Channel / 5MHz / 16QAM



Date: 17_AUG.2020 12:00:39