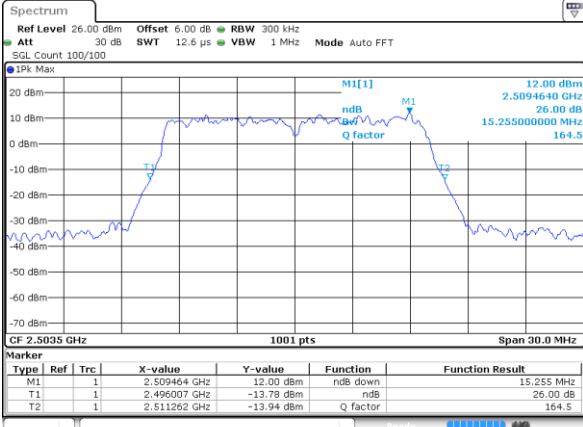




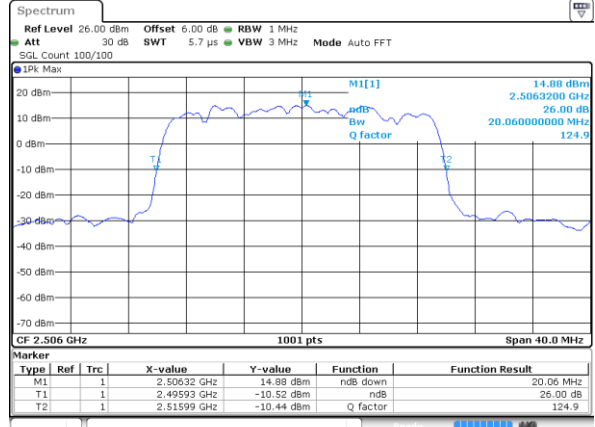
LTE Band 41

Lowest Channel / 15MHz / QPSK



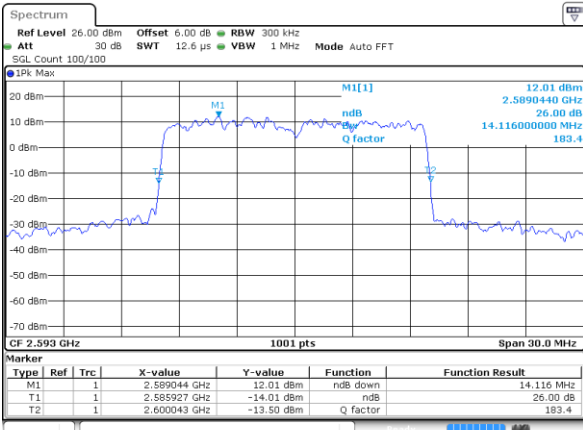
Date: 6 AUG 2019 19:53:37

Lowest Channel / 20MHz / 16QAM



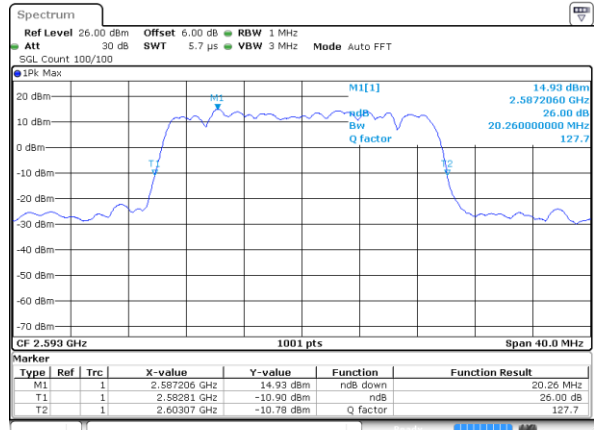
Date: 6 AUG 2019 19:57:27

Middle Channel / 15MHz / QPSK



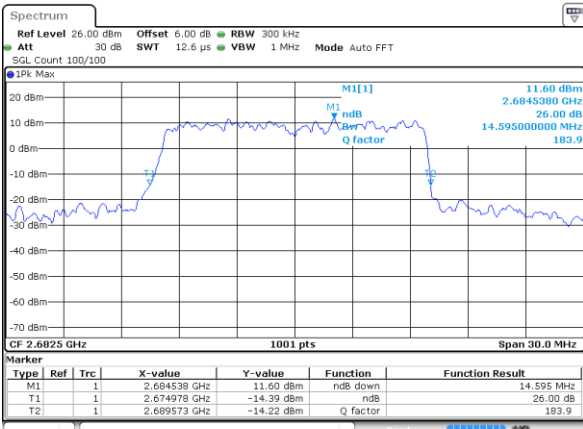
Date: 6 AUG 2019 19:54:38

Middle Channel / 20MHz / 16QAM



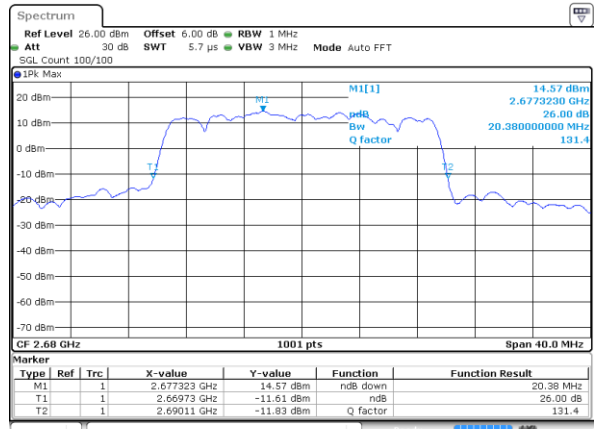
Date: 6 AUG 2019 19:58:27

Highest Channel / 15MHz / QPSK



Date: 6 AUG 2019 19:55:38

Highest Channel / 20MHz / 16QAM

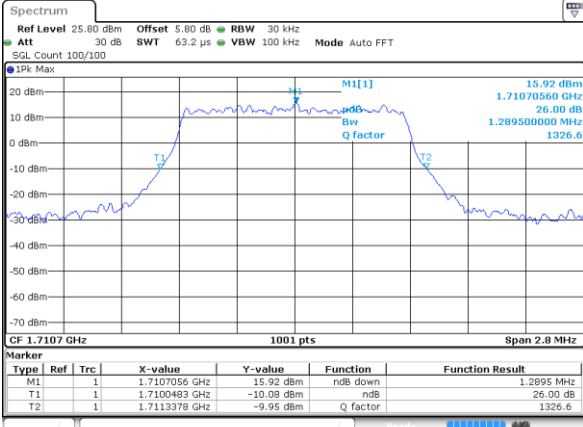


Date: 6 AUG 2019 19:59:28



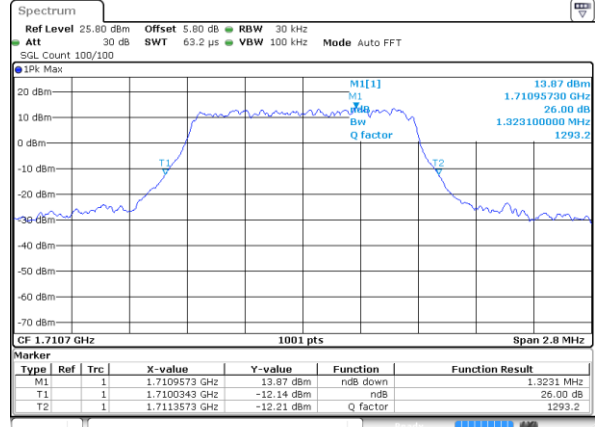
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



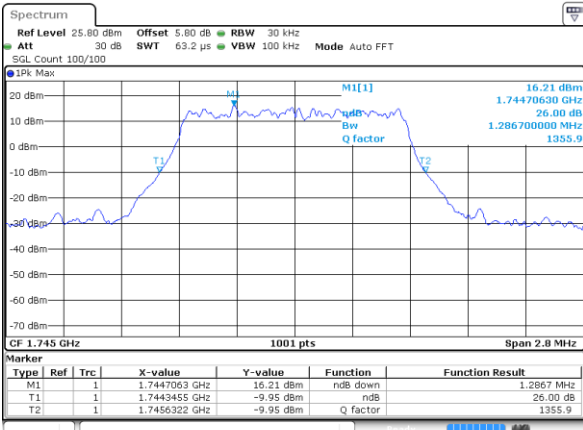
Date: 7 AUG 2019 00:37:05

Lowest Channel / 1.4MHz / 16QAM



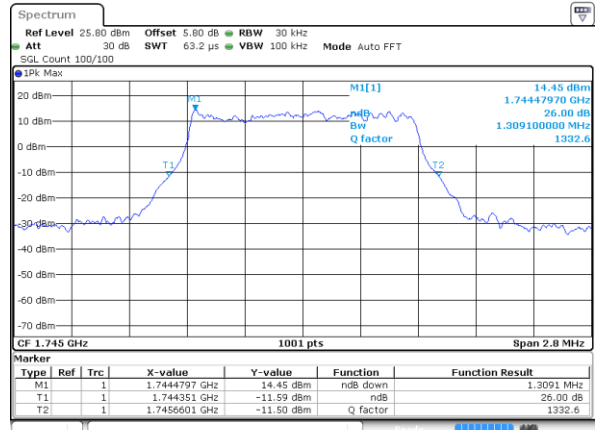
Date: 7 AUG 2019 00:38:57

Middle Channel / 1.4MHz / QPSK



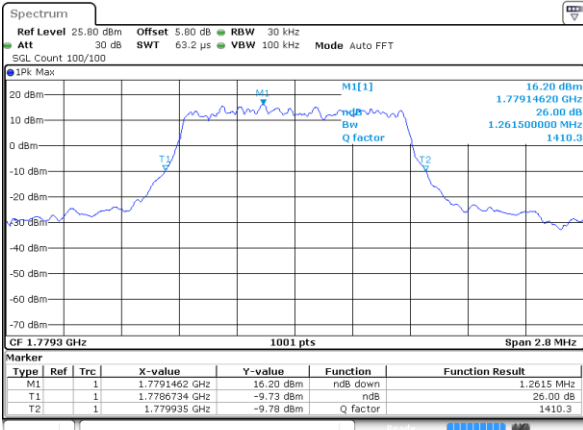
Date: 7 AUG 2019 00:54:14

Middle Channel / 1.4MHz / 16QAM



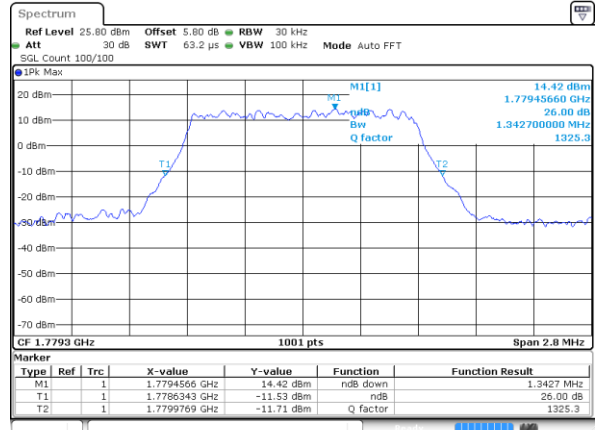
Date: 7 AUG 2019 00:54:00

Highest Channel / 1.4MHz / QPSK



Date: 7 AUG 2019 00:54:59

Highest Channel / 1.4MHz / 16QAM

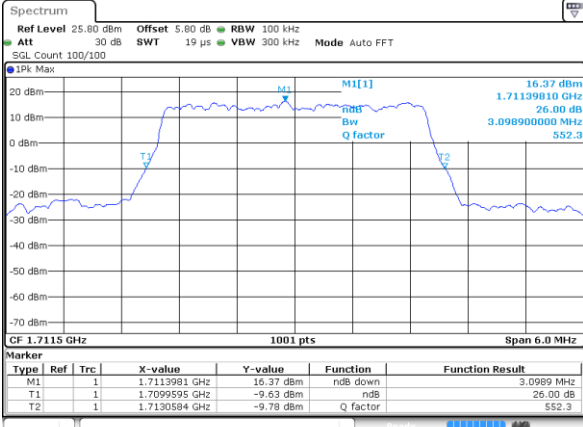


Date: 7 AUG 2019 00:56:23



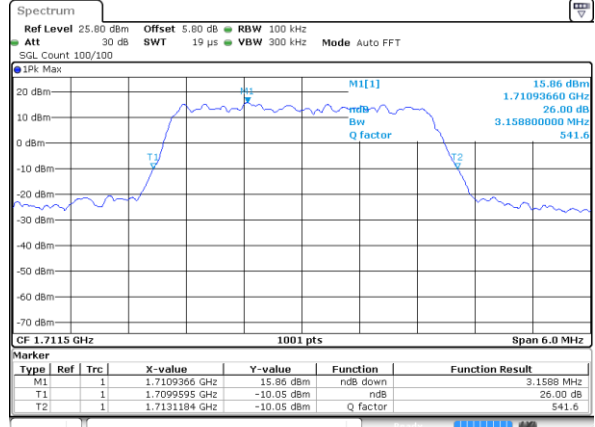
LTE Band 66

Lowest Channel / 3MHz / QPSK



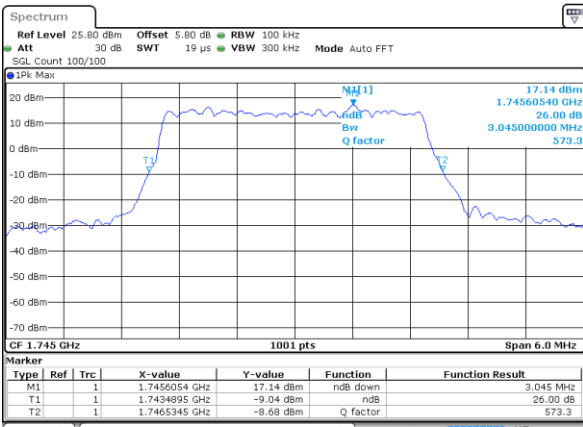
Date: 7 AUG 2019 01:22:59

Lowest Channel / 3MHz / 16QAM



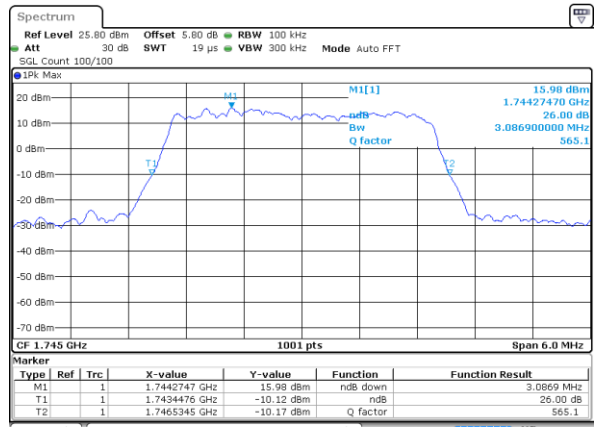
Date: 7 AUG 2019 01:24:05

Middle Channel / 3MHz / QPSK



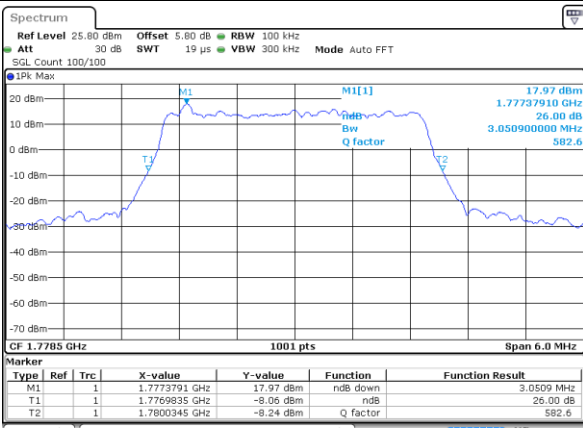
Date: 7 AUG 2019 01:32:51

Middle Channel / 3MHz / 16QAM



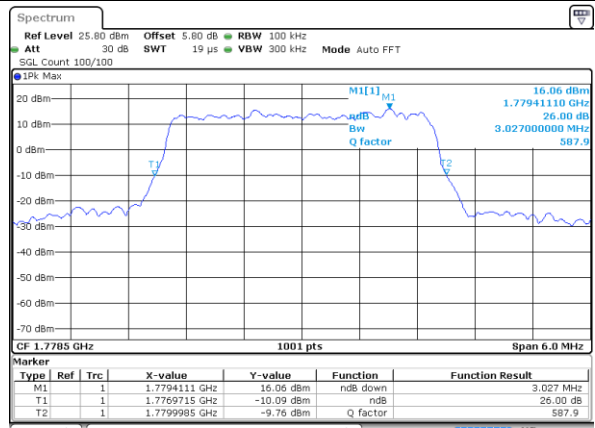
Date: 7 AUG 2019 01:32:55

Highest Channel / 3MHz / QPSK



Date: 7 AUG 2019 01:33:40

Highest Channel / 3MHz / 16QAM

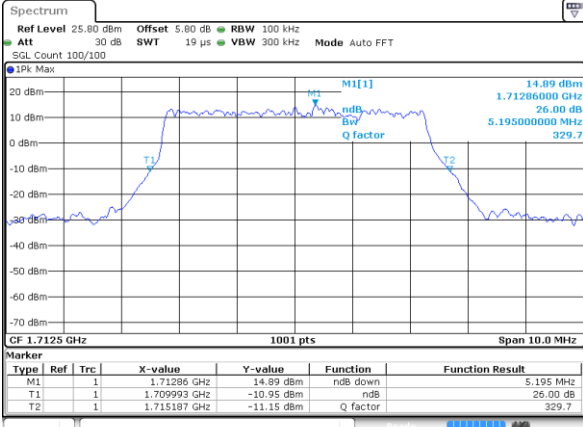


Date: 7 AUG 2019 01:34:42



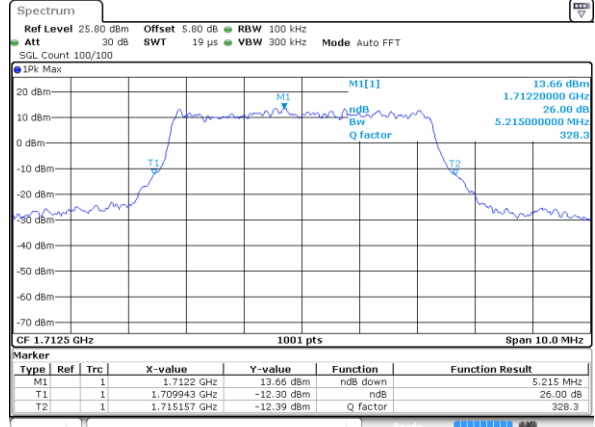
LTE Band 66

Lowest Channel / 5MHz / QPSK



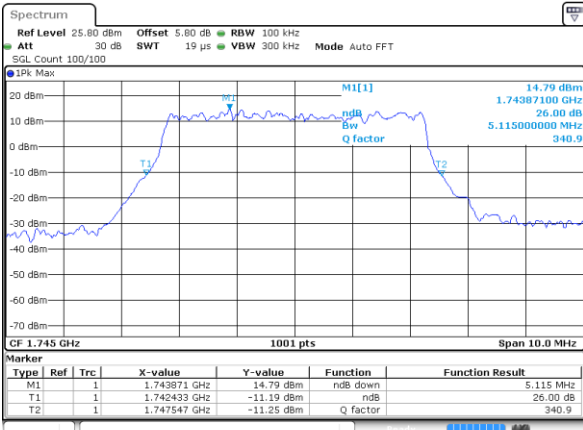
Date: 7 AUG 2019 03:21:03

Lowest Channel / 5MHz / 16QAM



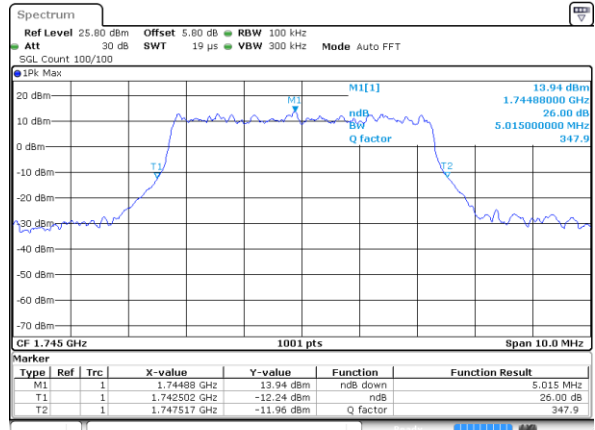
Date: 7 AUG 2019 03:21:40

Middle Channel / 5MHz / QPSK



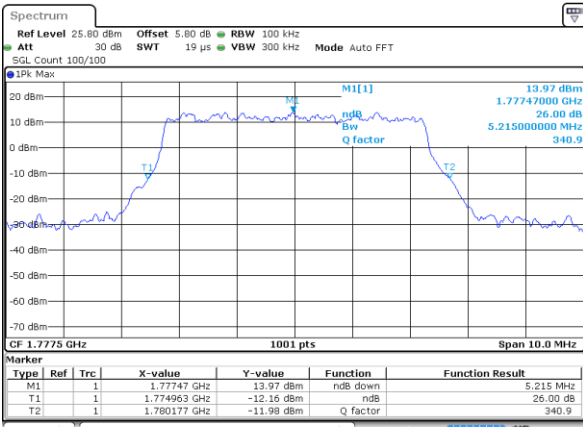
Date: 7 AUG 2019 03:33:30

Middle Channel / 5MHz / 16QAM



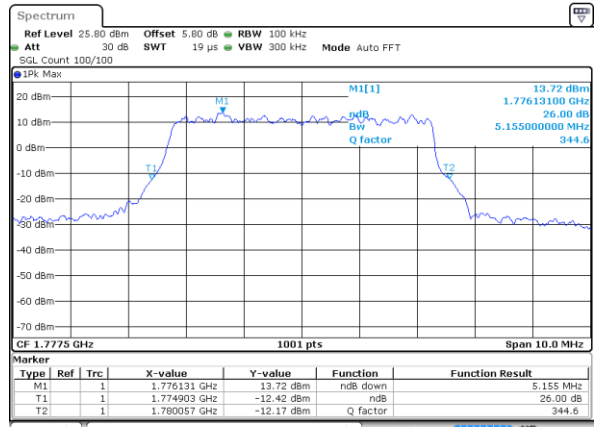
Date: 7 AUG 2019 03:33:15

Highest Channel / 5MHz / QPSK



Date: 7 AUG 2019 03:34:32

Highest Channel / 5MHz / 16QAM

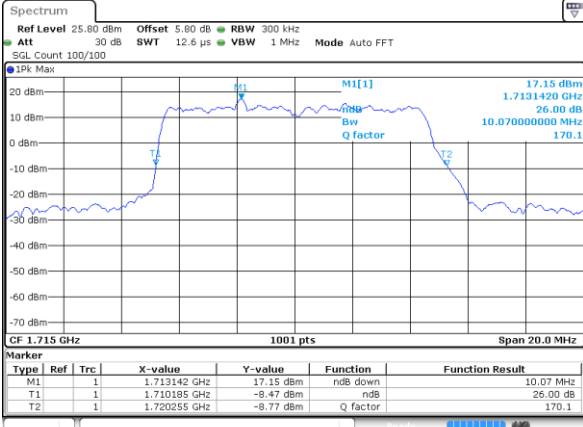


Date: 7 AUG 2019 03:35:42



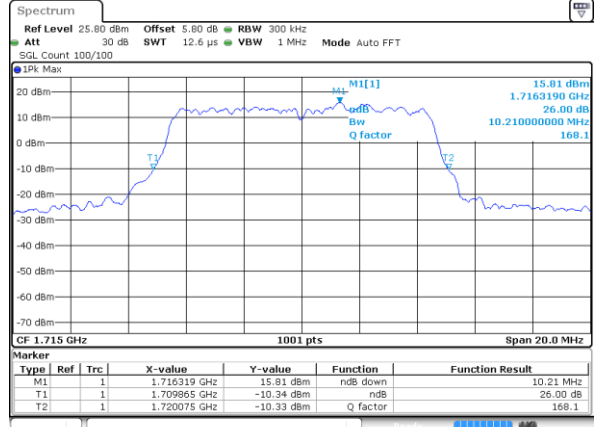
LTE Band 66

Lowest Channel / 10MHz / QPSK



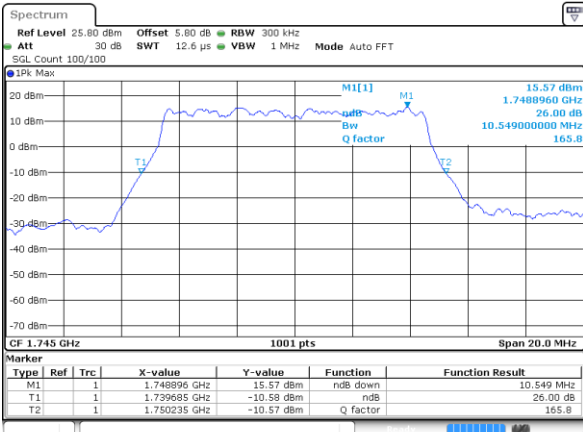
Date: 7 AUG 2019 03:48:56

Lowest Channel / 10MHz / 16QAM



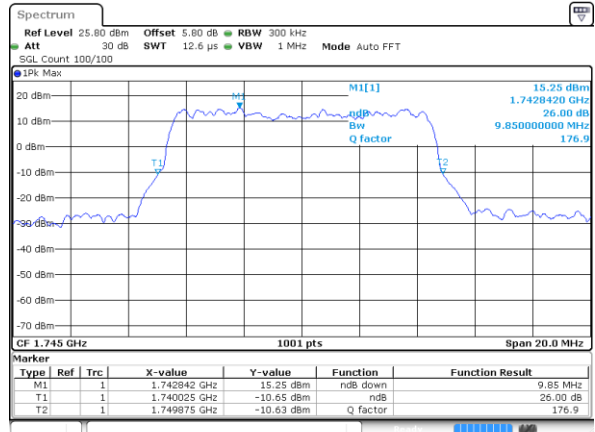
Date: 7 AUG 2019 03:49:37

Middle Channel / 10MHz / QPSK



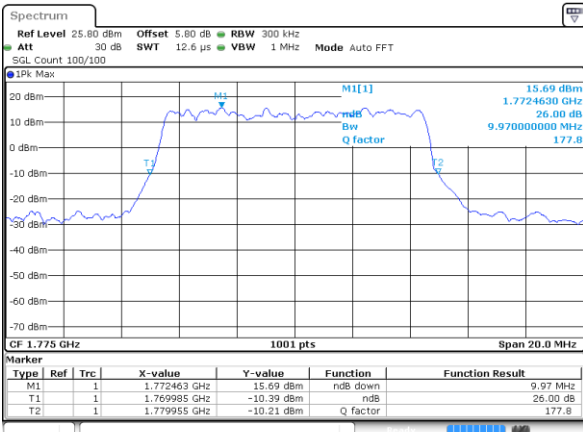
Date: 7 AUG 2019 04:00:57

Middle Channel / 10MHz / 16QAM



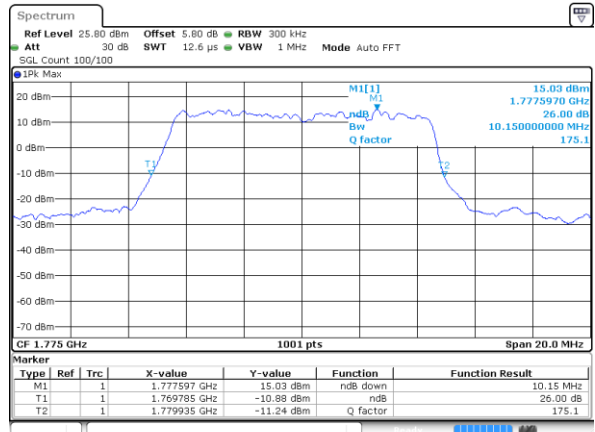
Date: 7 AUG 2019 04:00:44

Highest Channel / 10MHz / QPSK



Date: 7 AUG 2019 04:02:07

Highest Channel / 10MHz / 16QAM

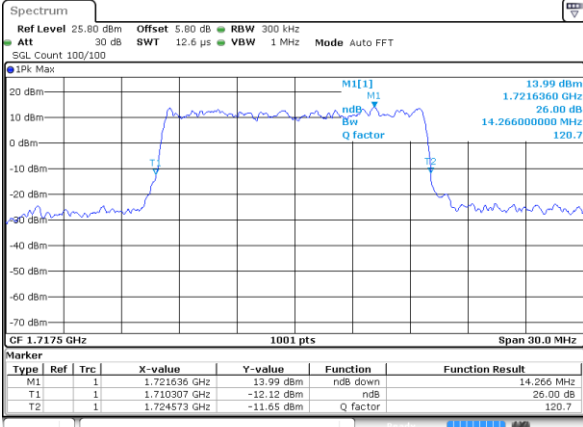


Date: 7 AUG 2019 04:02:36



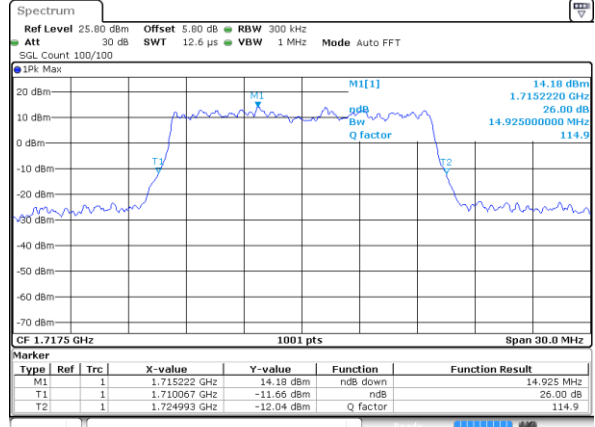
LTE Band 66

Lowest Channel / 15MHz / QPSK



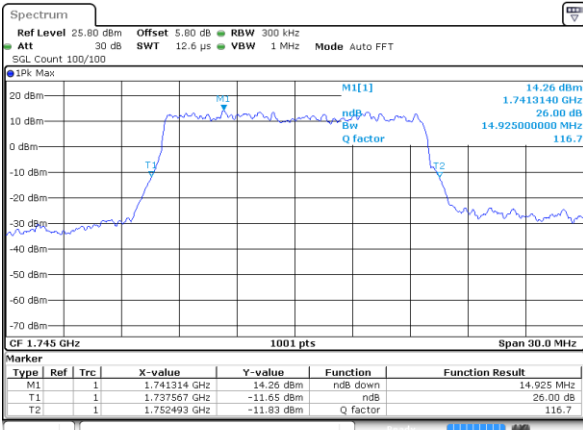
Date: 7 AUG 2019 04:08:36

Lowest Channel / 15MHz / 16QAM



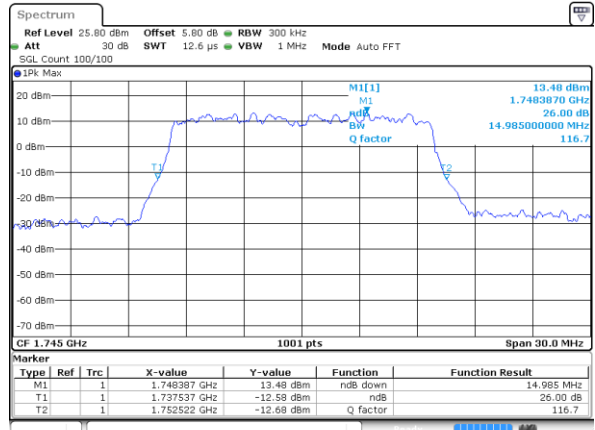
Date: 7 AUG 2019 04:09:13

Middle Channel / 15MHz / QPSK



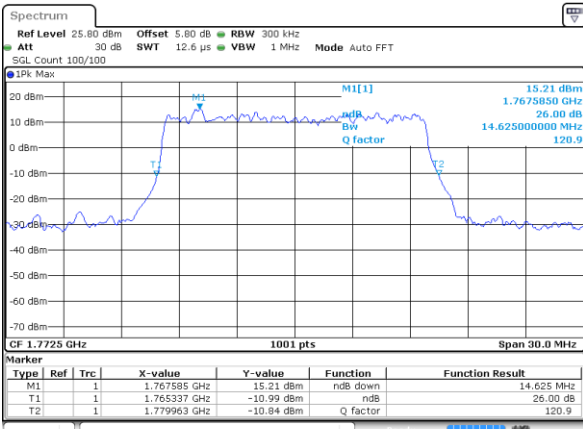
Date: 7 AUG 2019 04:13:33

Middle Channel / 15MHz / 16QAM



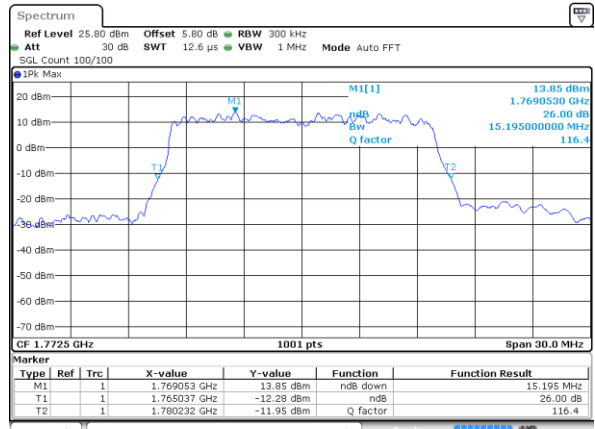
Date: 7 AUG 2019 04:13:59

Highest Channel / 15MHz / QPSK



Date: 7 AUG 2019 04:20:31

Highest Channel / 15MHz / 16QAM

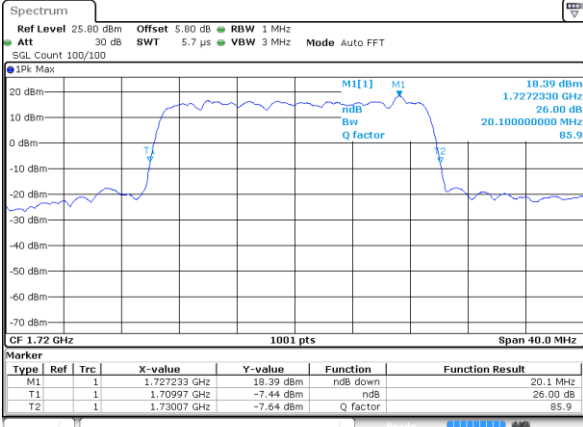


Date: 7 AUG 2019 04:20:59



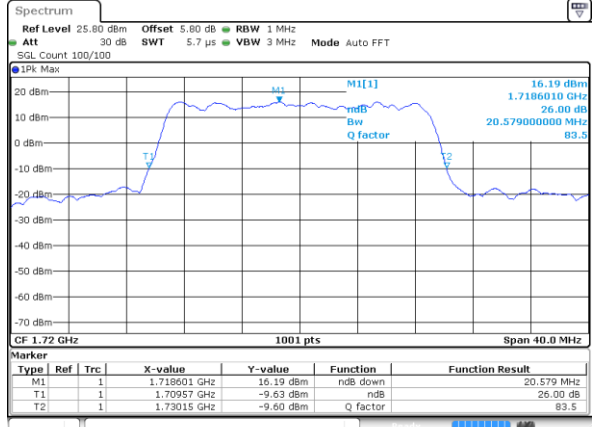
LTE Band 66

Lowest Channel / 20MHz / QPSK



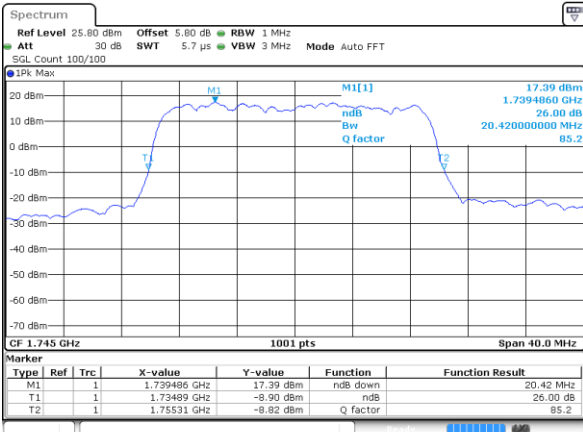
Date: 7 AUG 2019 04:22:53

Lowest Channel / 20MHz / 16QAM



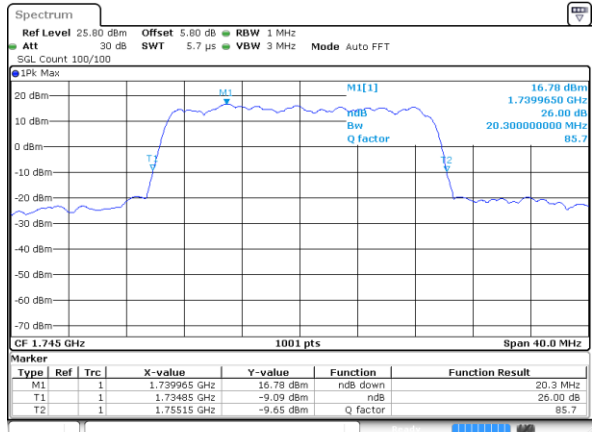
Date: 7 AUG 2019 04:23:45

Middle Channel / 20MHz / QPSK



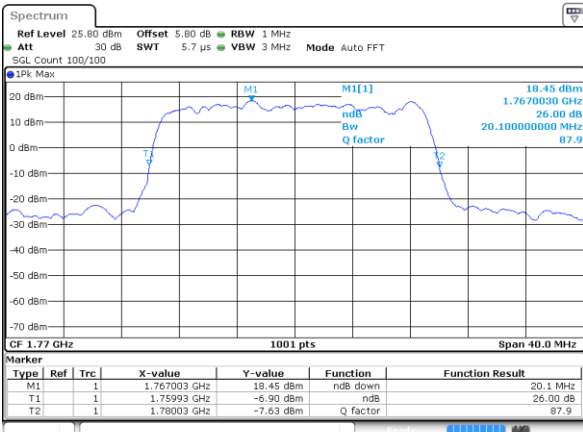
Date: 7 AUG 2019 04:34:53

Middle Channel / 20MHz / 16QAM



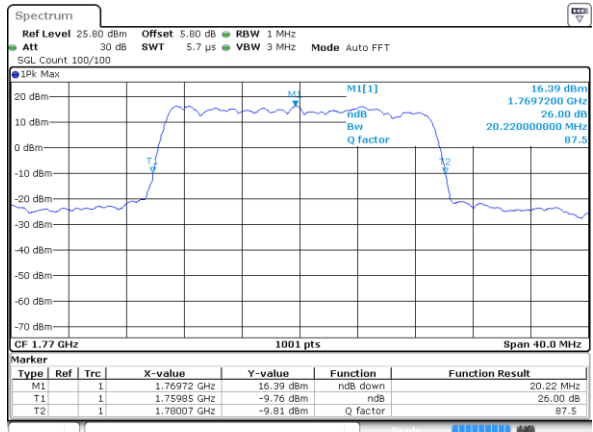
Date: 7 AUG 2019 04:34:55

Highest Channel / 20MHz / QPSK



Date: 7 AUG 2019 11:40:58

Highest Channel / 20MHz / 16QAM

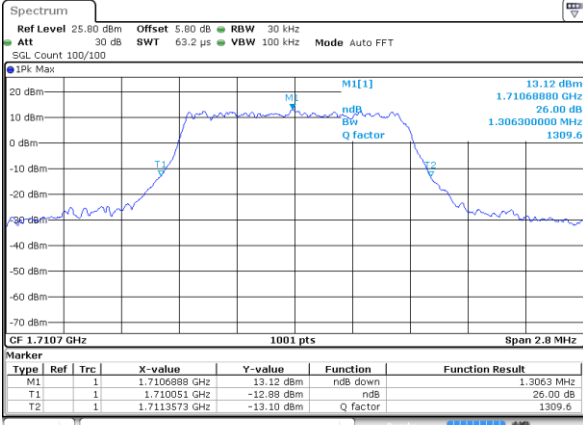


Date: 7 AUG 2019 11:41:16



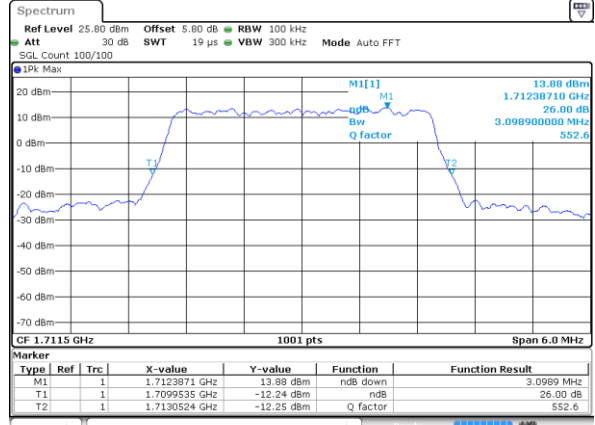
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



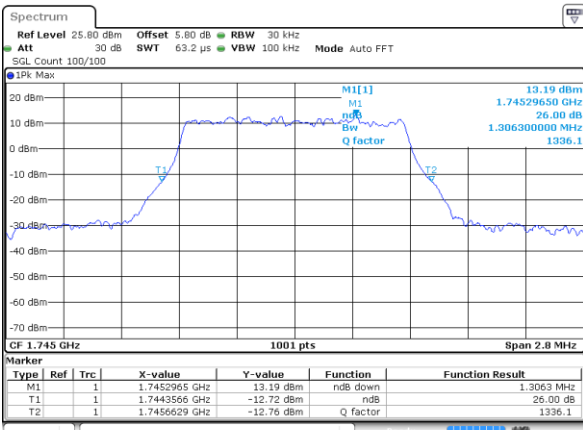
Date: 7 AUG 2019 00:42:24

Lowest Channel / 3MHz / 64QAM



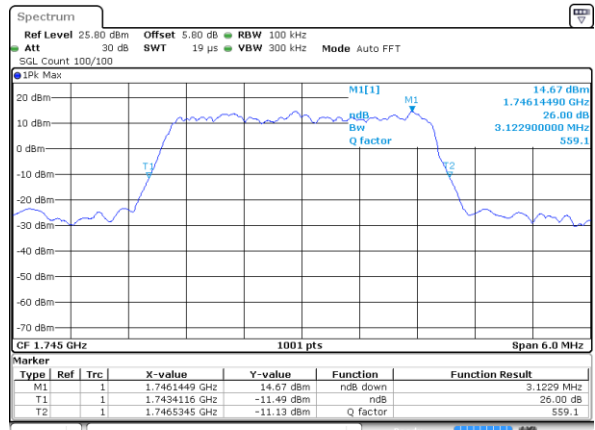
Date: 7 AUG 2019 01:24:54

Middle Channel / 20MHz / 64QAM



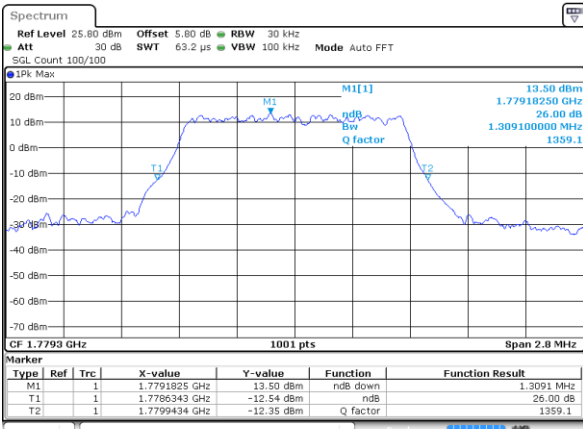
Date: 7 AUG 2019 00:53:46

Middle Channel / 3MHz / 64QAM



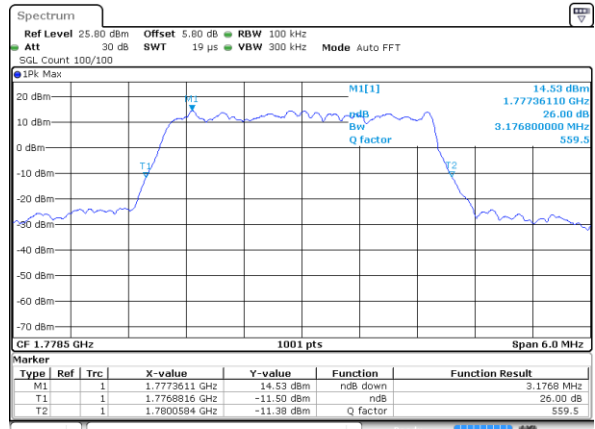
Date: 7 AUG 2019 01:32:20

Highest Channel / 20MHz / 64QAM



Date: 7 AUG 2019 00:57:54

Highest Channel / 3MHz / 64QAM

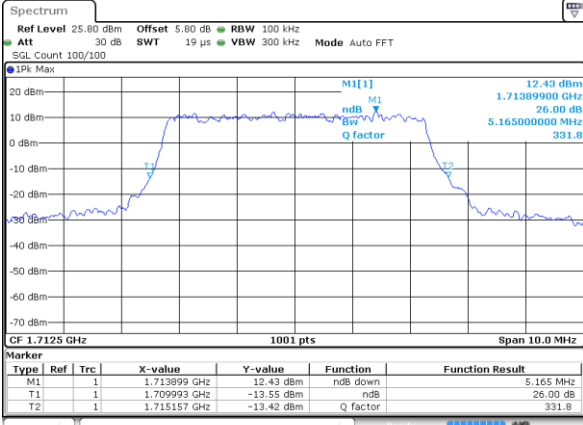


Date: 7 AUG 2019 01:35:32



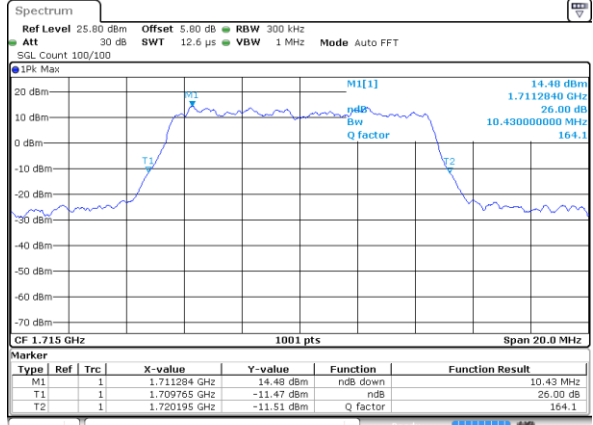
LTE Band 66

Lowest Channel / 5MHz / 64QAM



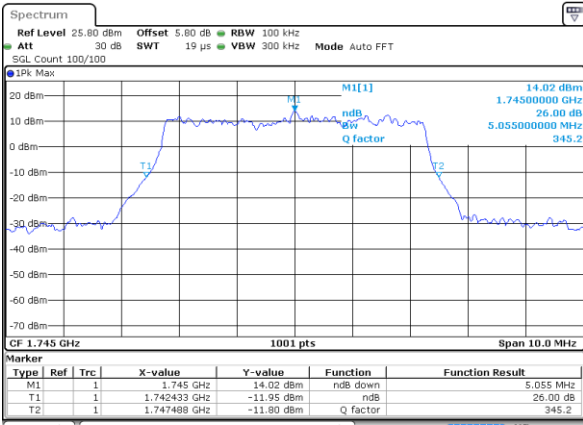
Date: 7 AUG 2019 03:22:42

Lowest Channel / 10MHz / 64QAM



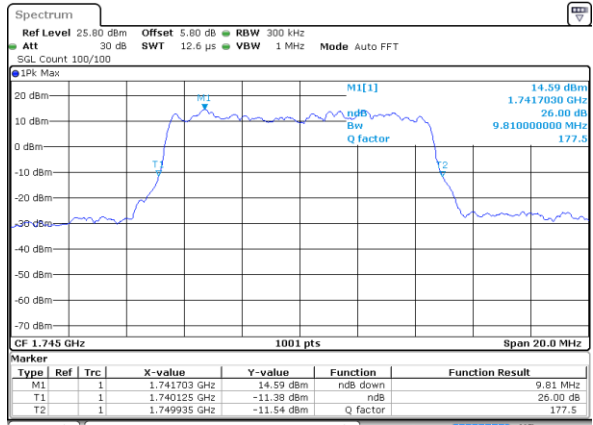
Date: 7 AUG 2019 03:51:13

Middle Channel / 5MHz / 64QAM



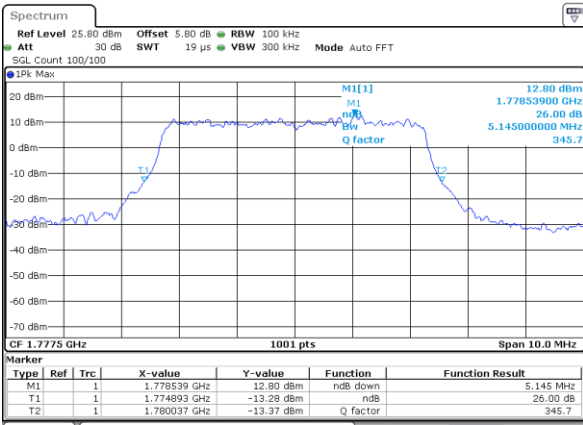
Date: 7 AUG 2019 03:32:56

Middle Channel / 10MHz / 64QAM



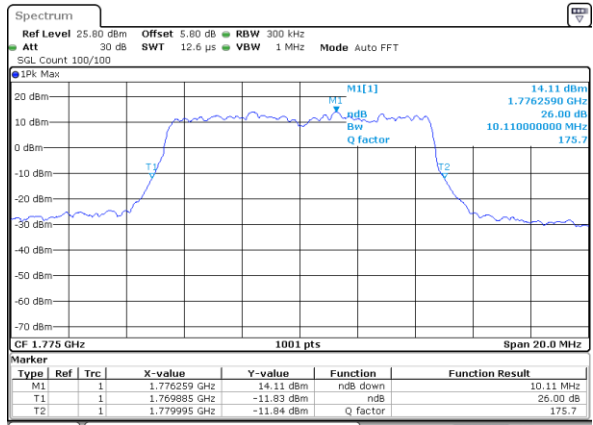
Date: 7 AUG 2019 04:00:27

Highest Channel / 5MHz / 64QAM



Date: 7 AUG 2019 03:36:39

Highest Channel / 10MHz / 64QAM

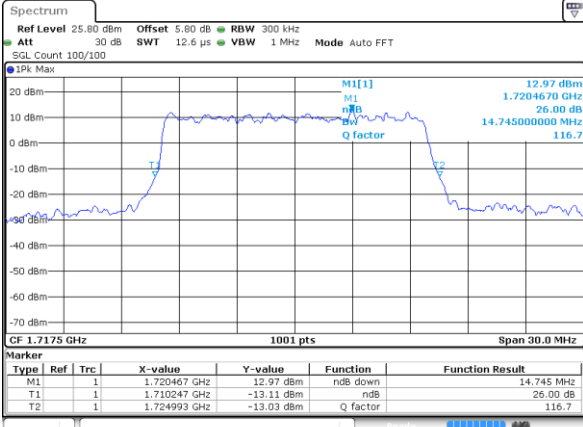


Date: 7 AUG 2019 04:03:08



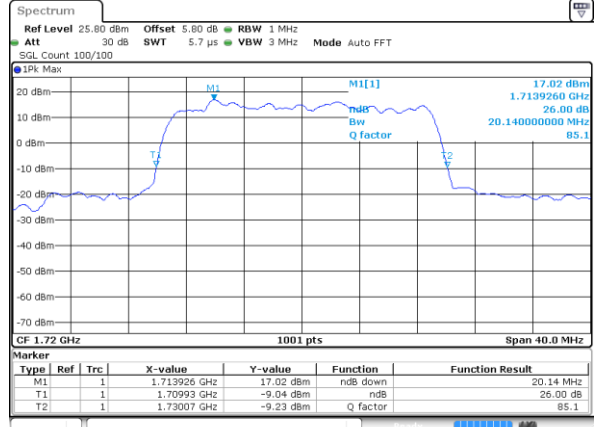
LTE Band 66

Lowest Channel / 15MHz / 64QAM



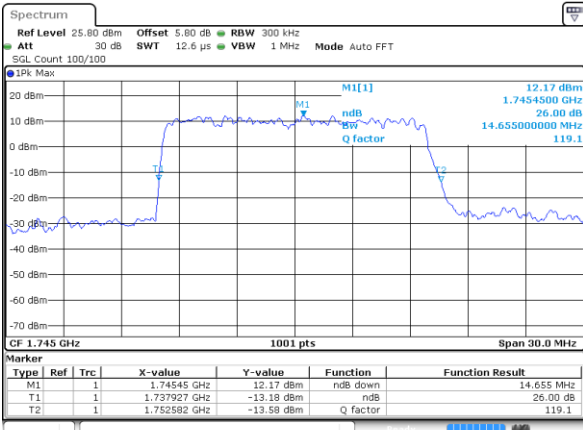
Date: 7 AUG 2019 04:09:45

Lowest Channel / 20MHz / 64QAM



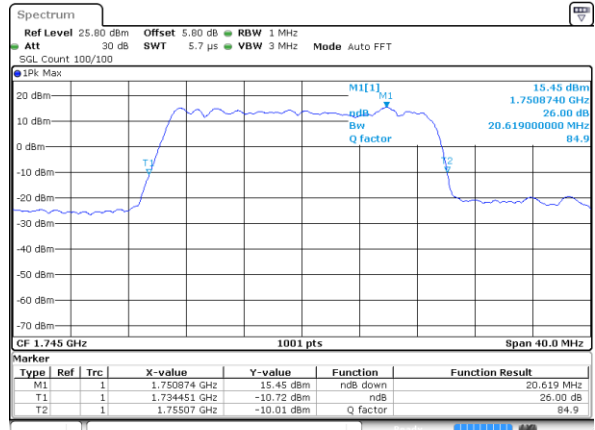
Date: 7 AUG 2019 04:26:32

Middle Channel / 15MHz / 64QAM



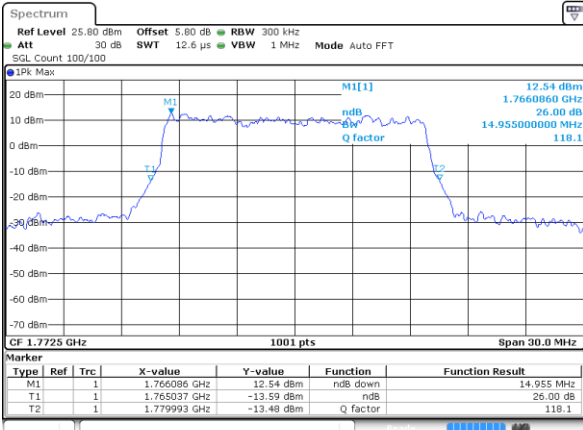
Date: 7 AUG 2019 04:14:14

Middle Channel / 20MHz / 64QAM



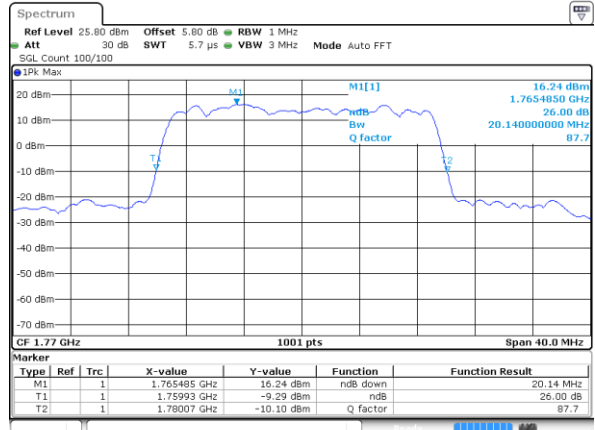
Date: 7 AUG 2019 04:34:14

Highest Channel / 15MHz / 64QAM



Date: 7 AUG 2019 04:21:26

Highest Channel / 20MHz / 64QAM



Date: 7 AUG 2019 11:41:38



Occupied Bandwidth

| Mode | LTE Band 13 : 99%OBW(MHz) | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|
| BW | 5MHz | | 10MHz | | 5MHz | 10MHz |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | 64QAM | 64QAM |
| Lowest CH | 4.49 | 4.49 | | | 4.47 | |
| Middle CH | 4.51 | 4.53 | 8.97 | 8.97 | 4.49 | 9.03 |
| Highest CH | 4.48 | 4.51 | | | 4.49 | |

| Mode | LTE Band 25 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.10 | 1.10 | 2.73 | 2.73 | 4.51 | 4.53 | 9.03 | 9.03 | 13.52 | 13.43 | 18.38 | 18.46 |
| Middle CH | 1.10 | 1.09 | 2.75 | 2.73 | 4.51 | 4.52 | 9.05 | 9.03 | 13.43 | 13.52 | 18.34 | 18.34 |
| Highest CH | 1.10 | 1.11 | 2.74 | 2.73 | 4.51 | 4.50 | 9.05 | 9.05 | 13.49 | 13.43 | 18.30 | 18.26 |
| Mode | LTE Band 25 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.11 | | 2.72 | | 4.53 | | 8.97 | | 13.46 | | 18.22 | |
| Middle CH | 1.09 | | 2.72 | | 4.51 | | 9.07 | | 13.46 | | 18.26 | |
| Highest CH | 1.11 | | 2.72 | | 4.49 | | 9.01 | | 13.49 | | 18.30 | |

| Mode | LTE Band 26 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | CH26765 | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.10 | 1.10 | 2.74 | 2.73 | 4.54 | 4.49 | 9.05 | 9.11 | 13.49 | 13.49 | 13.37 | 13.37 |
| Middle CH | 1.09 | 1.10 | 2.73 | 2.73 | 4.50 | 4.52 | 9.03 | 9.07 | 13.40 | 13.46 | | |
| Highest CH | 1.09 | 1.09 | 2.74 | 2.71 | 4.49 | 4.50 | 9.05 | 9.05 | 13.37 | 13.34 | | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.09 | | 2.95 | | 4.51 | | 9.07 | | 13.46 | | | |
| Middle CH | 1.09 | | 2.75 | | 4.51 | | 9.01 | | 13.40 | | 13.4 | |
| Highest CH | 1.10 | | 2.76 | | 4.52 | | 8.99 | | 13.34 | | | |



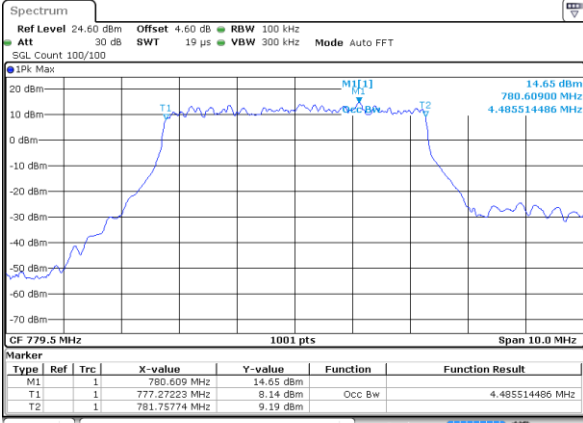
| Mode | LTE Band 41 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW | 5MHz | | 10MHz | | 15MHz | | 20MHz | | 5MHz | 10MHz | 15MHz | 20MHz |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | 64QAM | 64QAM | 64QAM | 64QAM |
| Lowest CH | 4.49 | 4.50 | 9.03 | 9.05 | 13.64 | 13.49 | 18.30 | 18.46 | 4.51 | 8.97 | 13.40 | 18.34 |
| Middle CH | 4.56 | 4.47 | 9.01 | 9.01 | 13.46 | 13.49 | 18.34 | 18.34 | 4.54 | 9.01 | 13.49 | 18.18 |
| Highest CH | 4.49 | 4.52 | 8.97 | 9.01 | 13.43 | 13.52 | 18.22 | 18.50 | 4.52 | 8.97 | 13.43 | 18.46 |

| 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 | 2.77 | 2.73 | 4.50 | 4.50 | 9.03 | 9.01 | 13.49 | 13.43 | 18.34 | 18.34 |
| Middle CH | 1.10 | 1.09 | 2.73 | 2.72 | 4.52 | 4.49 | 9.11 | 9.03 | 13.52 | 13.43 | 18.46 | 18.66 |
| Highest CH | 1.09 | 1.10 | 2.76 | 2.73 | 4.52 | 4.53 | 9.11 | 9.01 | 13.46 | 13.52 | 18.30 | 18.22 |
| 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 | | 9.03 | | 13.49 | | 18.26 | |
| Middle CH | 1.09 | | 2.73 | | 4.48 | | 9.01 | | 13.46 | | 18.34 | |
| Highest CH | 1.09 | | 2.73 | | 4.53 | | 9.07 | | 13.40 | | 18.14 | |



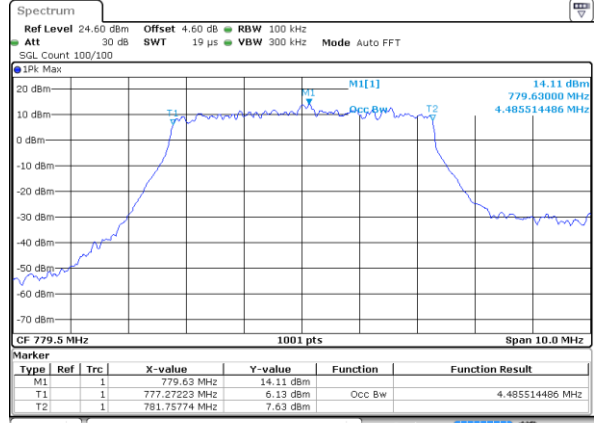
LTE Band 13

Lowest Channel / 5MHz / QPSK



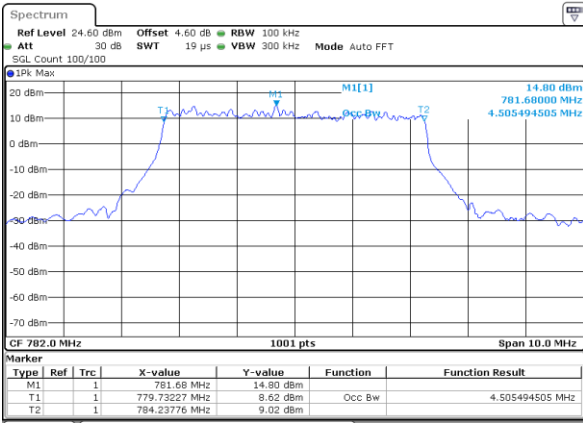
Date: 7 AUG 2019 13:34:03

Lowest Channel / 5MHz / 16QAM



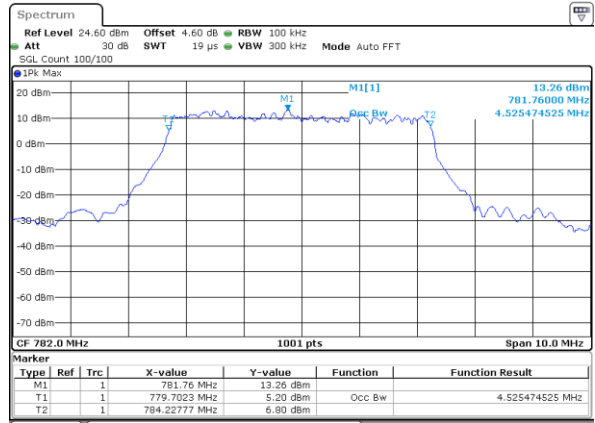
Date: 7 AUG 2019 13:36:01

Middle Channel / 5MHz / QPSK



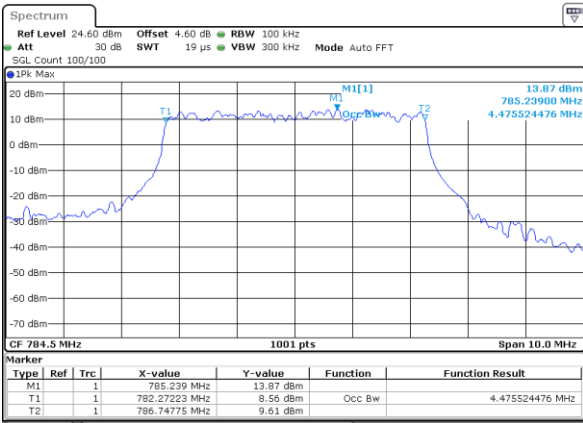
Date: 7 AUG 2019 13:47:33

Middle Channel / 5MHz / 16QAM



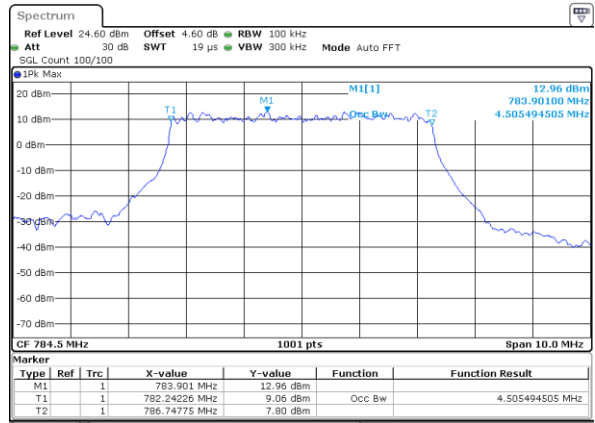
Date: 7 AUG 2019 13:47:53

Highest Channel / 5MHz / QPSK



Date: 7 AUG 2019 13:51:17

Highest Channel / 5MHz / 16QAM

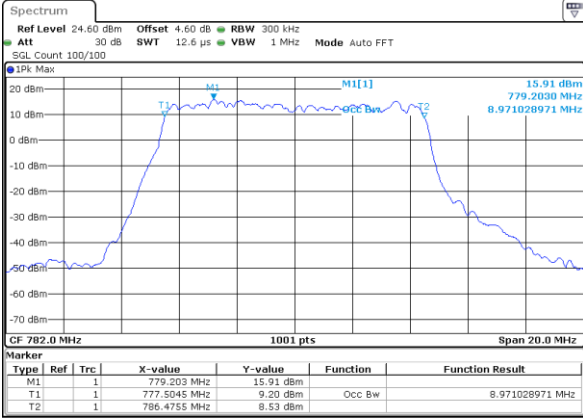


Date: 7 AUG 2019 13:53:15



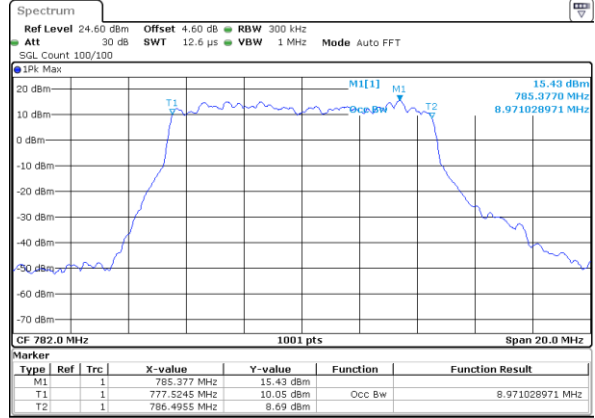
LTE Band 13

Middle Channel / 10MHz / QPSK



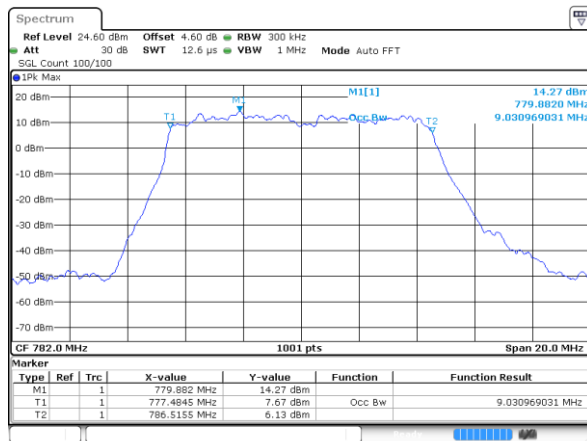
Date: 7 AUG 2019 14:08:37

Middle Channel / 10MHz / 16QAM

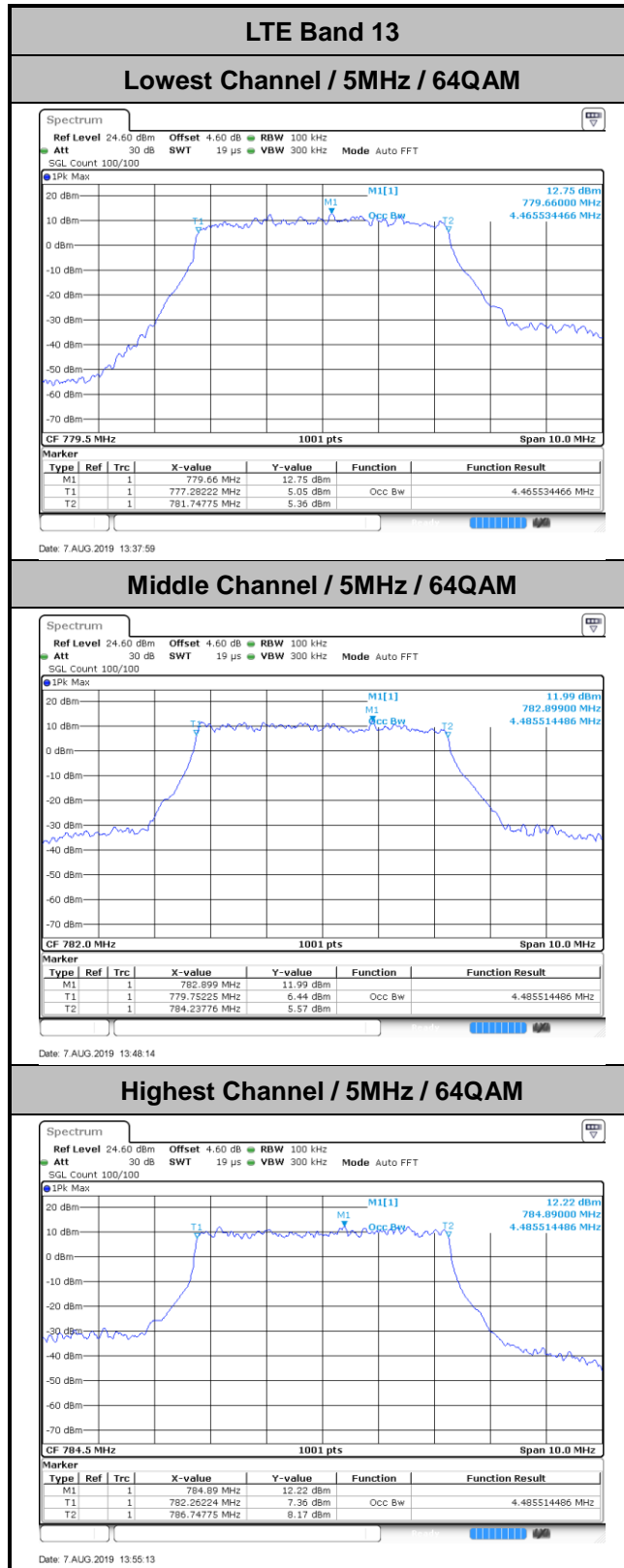


Date: 7 AUG 2019 14:10:35

Middle Channel / 10MHz / 64QAM



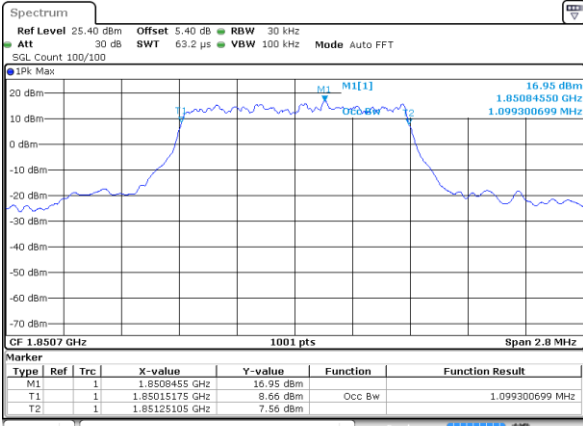
Date: 7 AUG 2019 14:12:33





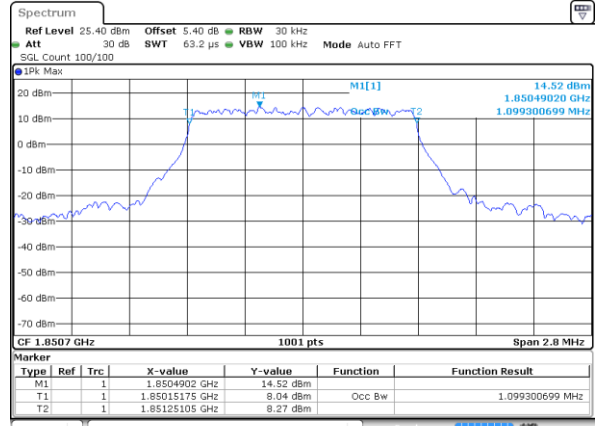
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



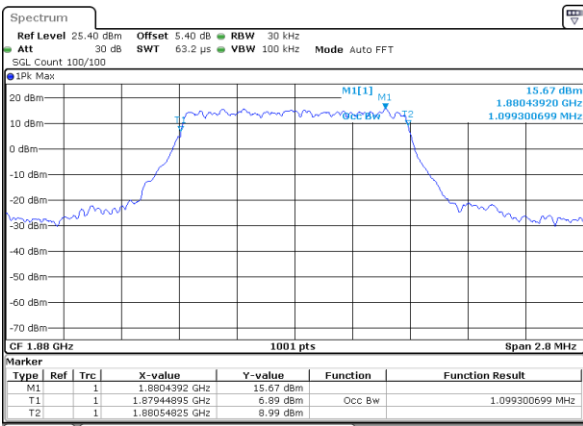
Date: 5 AUG 2019 17:23:35

Lowest Channel / 1.4MHz / 16QAM



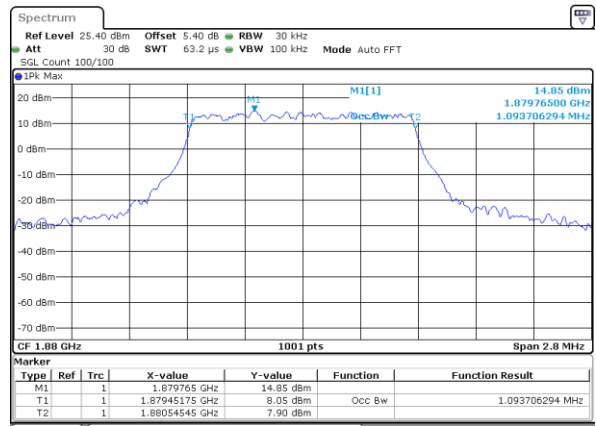
Date: 5 AUG 2019 17:24:44

Middle Channel / 1.4MHz / QPSK



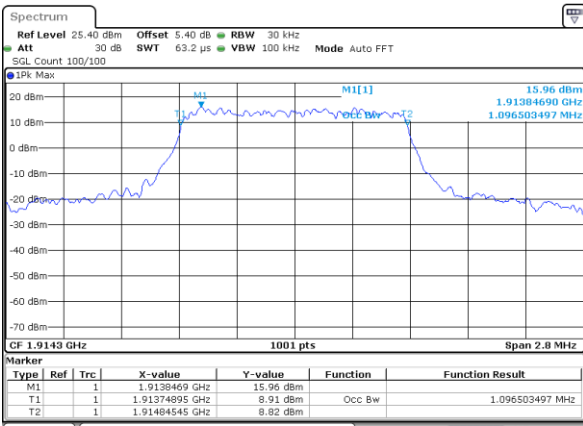
Date: 5 AUG 2019 17:43:54

Middle Channel / 1.4MHz / 16QAM



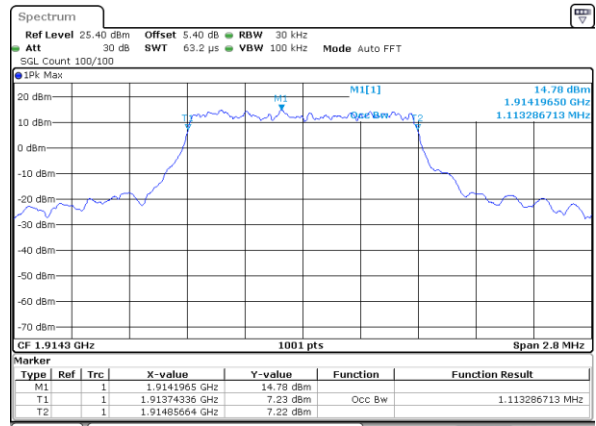
Date: 5 AUG 2019 17:44:21

Highest Channel / 1.4MHz / QPSK



Date: 5 AUG 2019 17:48:58

Highest Channel / 1.4MHz / 16QAM

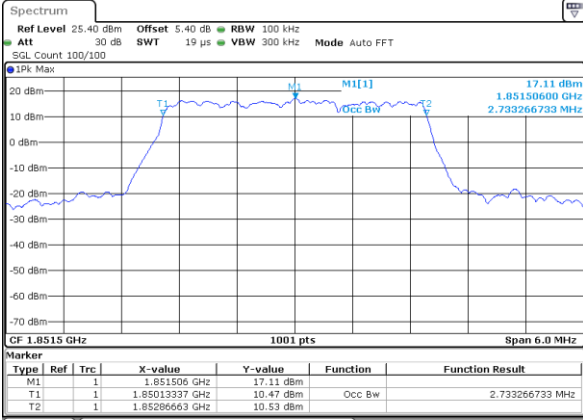


Date: 5 AUG 2019 17:47:25



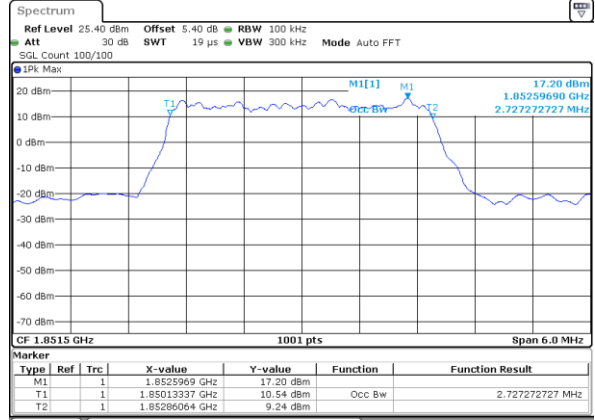
LTE Band 25

Lowest Channel / 3MHz / QPSK



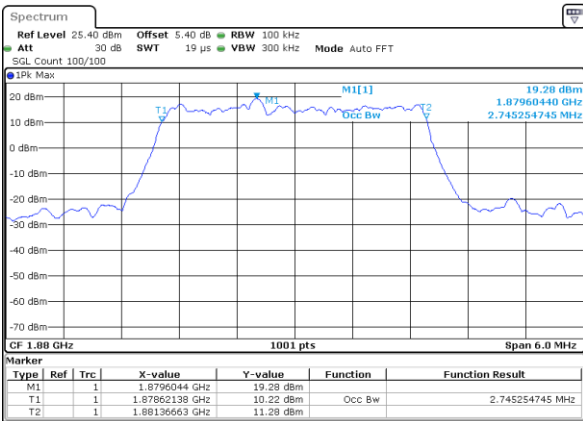
Date: 5 AUG 2019 18:10:41

Lowest Channel / 3MHz / 16QAM



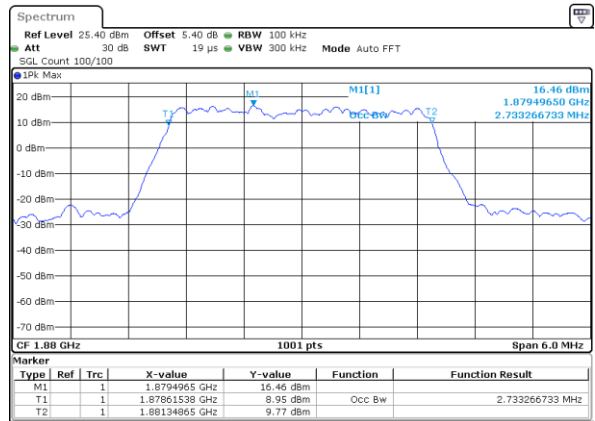
Date: 5 AUG 2019 18:12:01

Middle Channel / 3MHz / QPSK



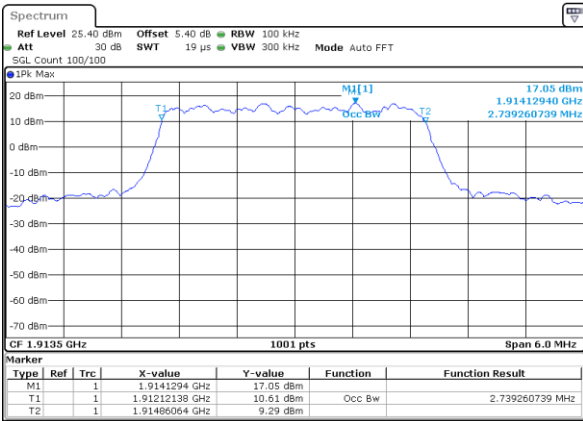
Date: 5 AUG 2019 18:18:49

Middle Channel / 3MHz / 16QAM



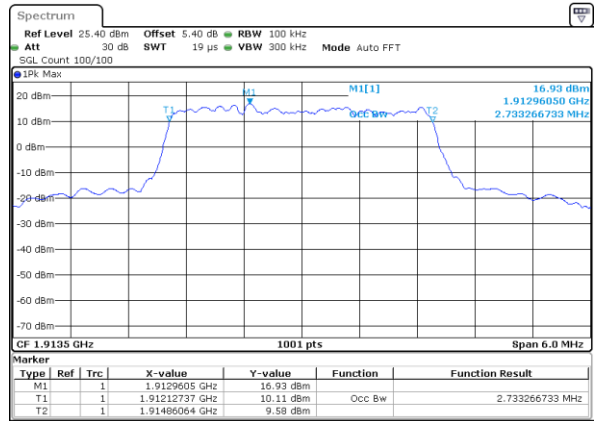
Date: 5 AUG 2019 18:19:11

Highest Channel / 3MHz / QPSK



Date: 5 AUG 2019 18:20:06

Highest Channel / 3MHz / 16QAM

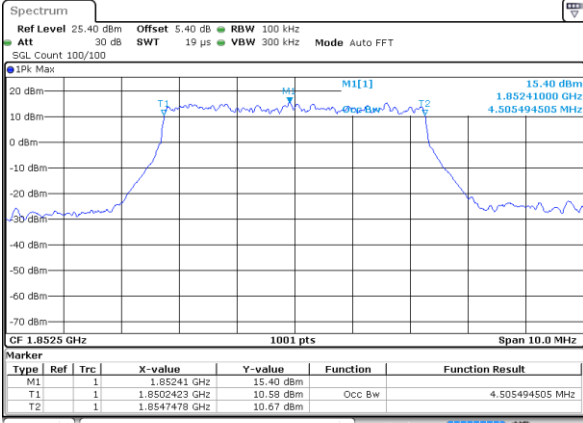


Date: 5 AUG 2019 18:21:10



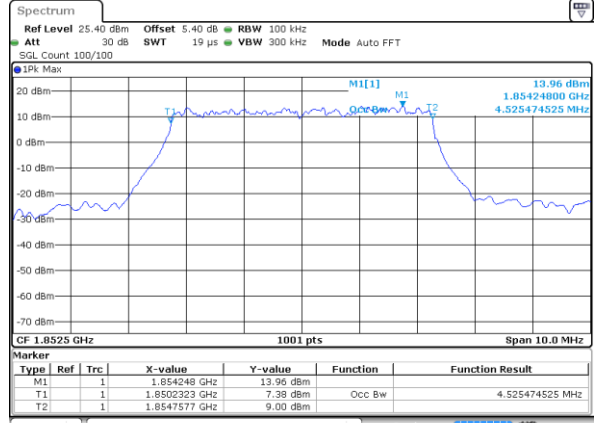
LTE Band 25

Lowest Channel / 5MHz / QPSK



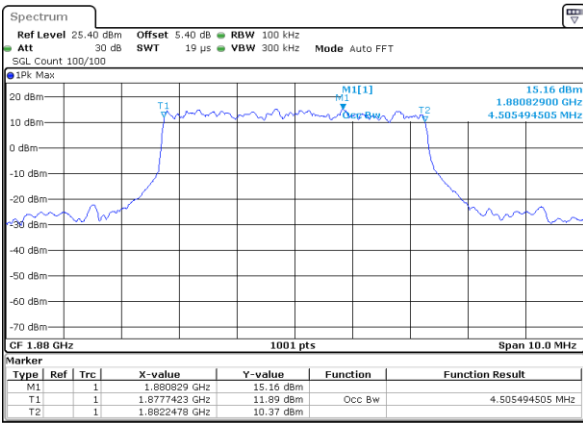
Date: 5 AUG 2019 18:34:32

Lowest Channel / 5MHz / 16QAM



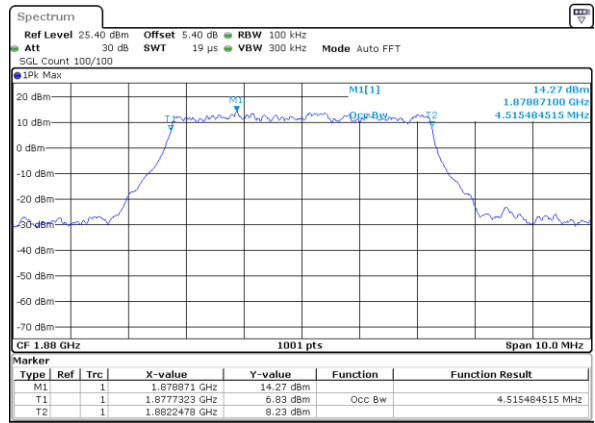
Date: 5 AUG 2019 18:35:22

Middle Channel / 5MHz / QPSK



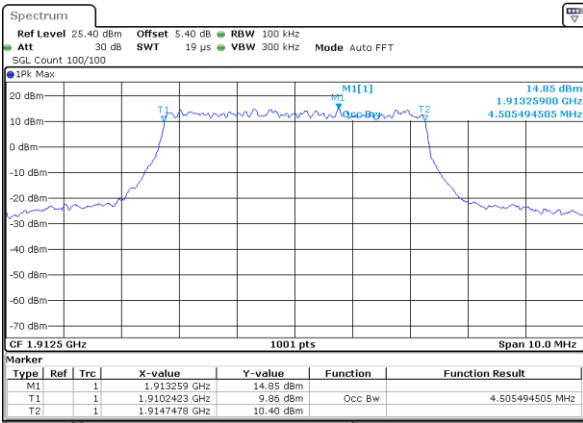
Date: 5 AUG 2019 18:42:55

Middle Channel / 5MHz / 16QAM



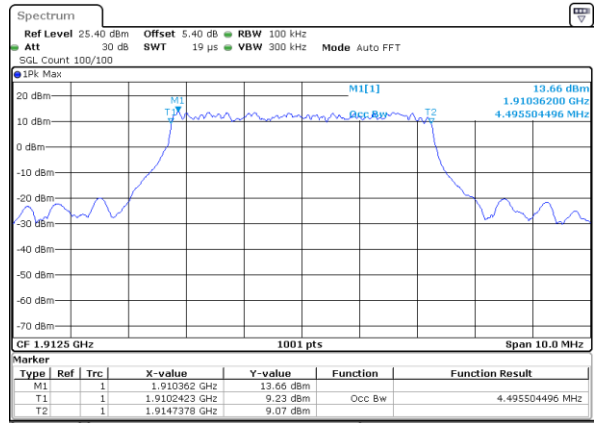
Date: 5 AUG 2019 18:43:22

Highest Channel / 5MHz / QPSK



Date: 5 AUG 2019 18:47:01

Highest Channel / 5MHz / 16QAM

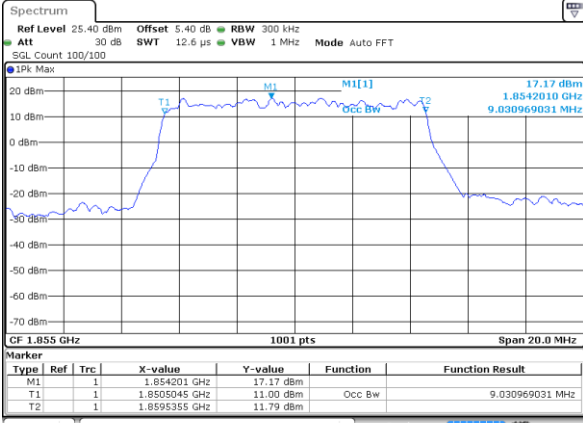


Date: 5 AUG 2019 18:47:59



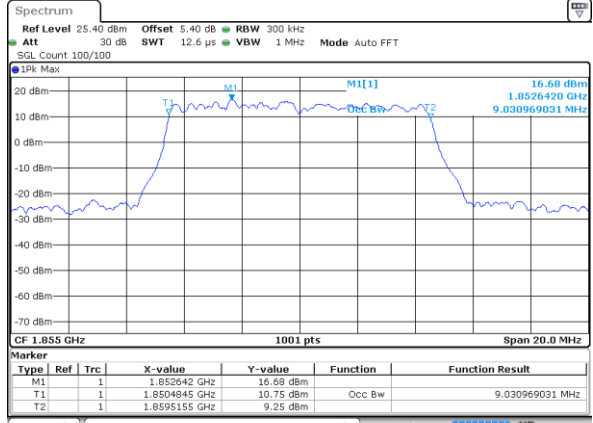
LTE Band 25

Lowest Channel / 10MHz / QPSK



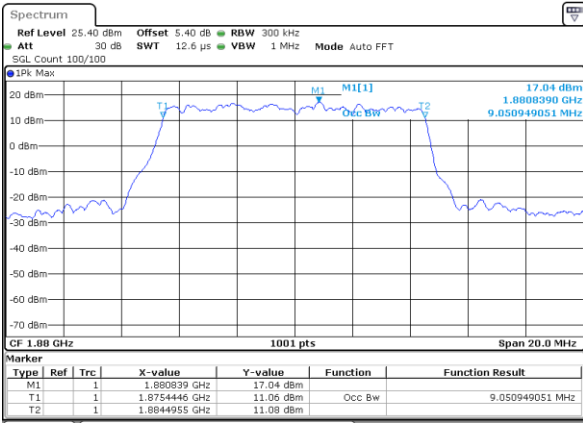
Date: 5 AUG 2019 18:56:21

Lowest Channel / 10MHz / 16QAM



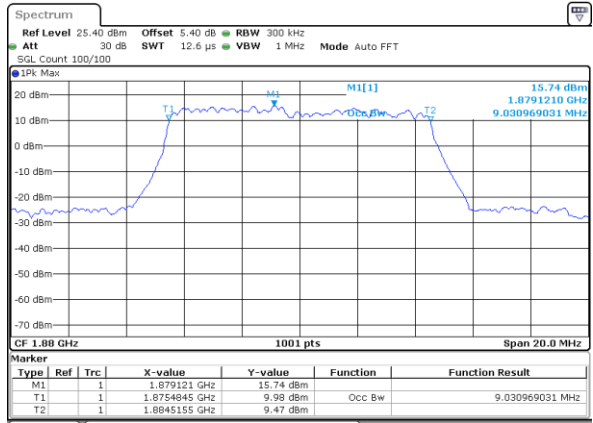
Date: 5 AUG 2019 18:56:59

Middle Channel / 10MHz / QPSK



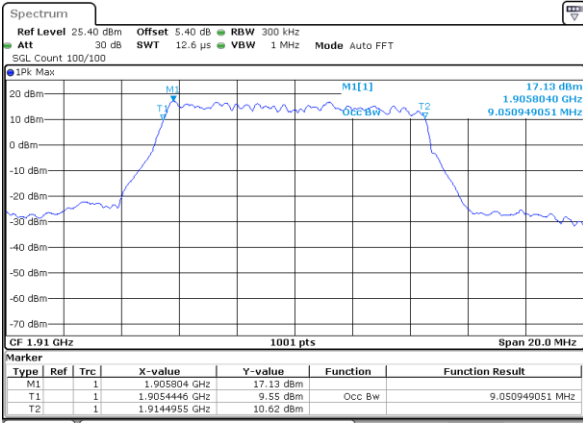
Date: 5 AUG 2019 19:01:52

Middle Channel / 10MHz / 16QAM



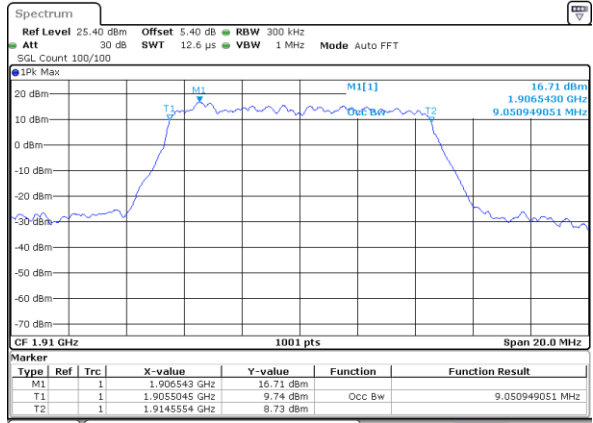
Date: 5 AUG 2019 19:02:16

Highest Channel / 10MHz / QPSK



Date: 5 AUG 2019 19:08:02

Highest Channel / 10MHz / 16QAM

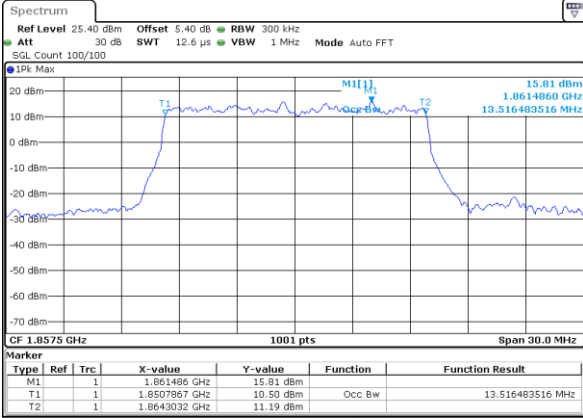


Date: 5 AUG 2019 19:09:09



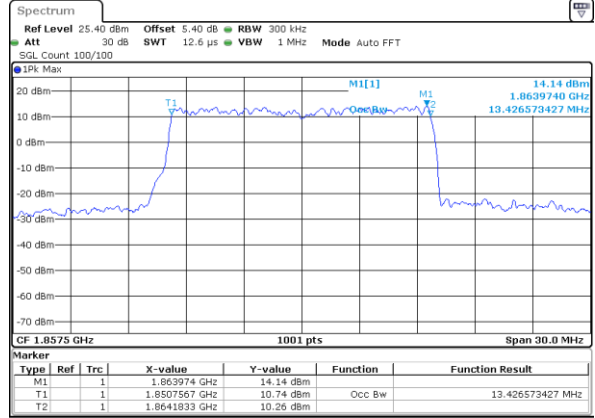
LTE Band 25

Lowest Channel / 15MHz / QPSK



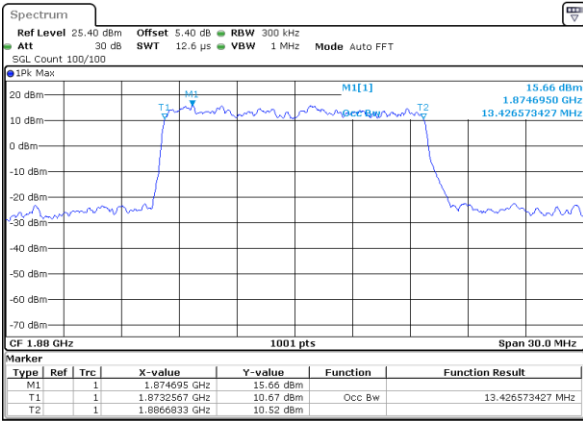
Date: 5 AUG 2019 19:18:13

Lowest Channel / 15MHz / 16QAM



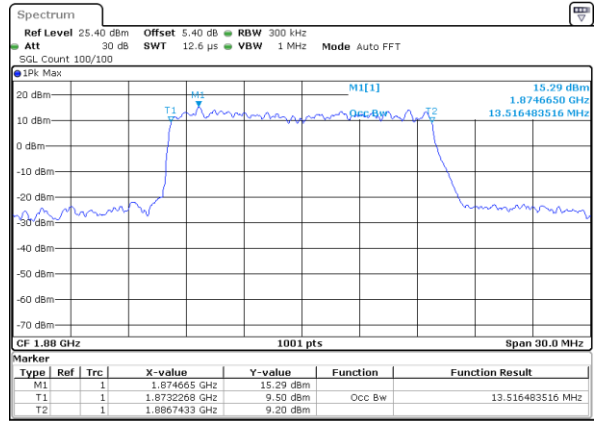
Date: 5 AUG 2019 19:18:49

Middle Channel / 15MHz / QPSK



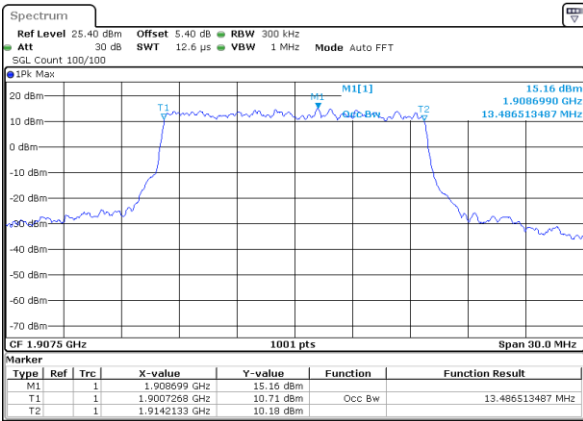
Date: 5 AUG 2019 19:23:55

Middle Channel / 15MHz / 16QAM



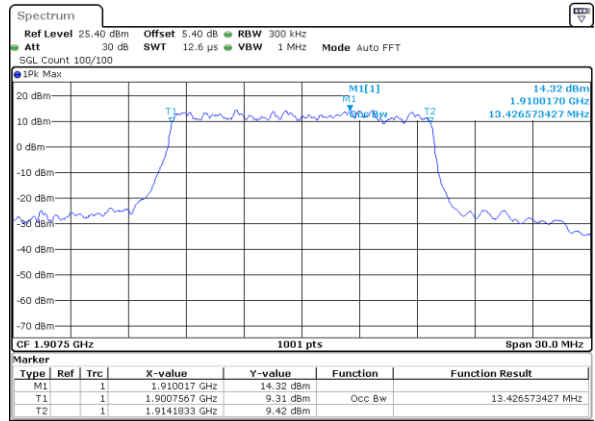
Date: 5 AUG 2019 19:23:34

Highest Channel / 15MHz / QPSK



Date: 5 AUG 2019 19:26:27

Highest Channel / 15MHz / 16QAM

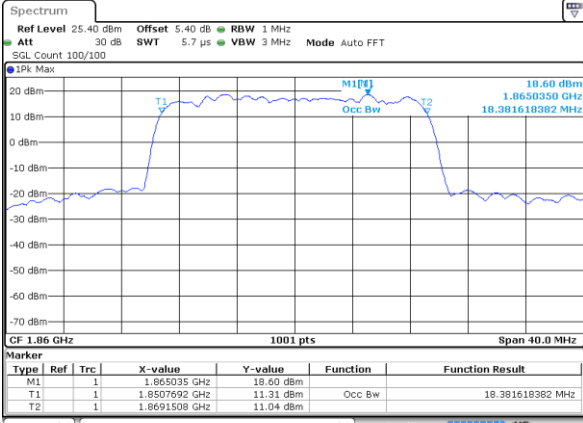


Date: 5 AUG 2019 19:27:36



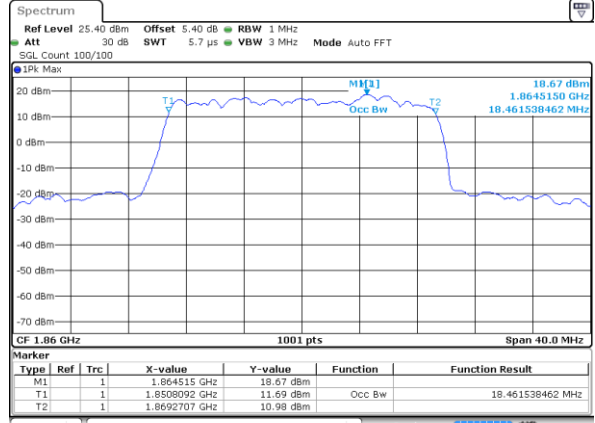
LTE Band 25

Lowest Channel / 20MHz / QPSK



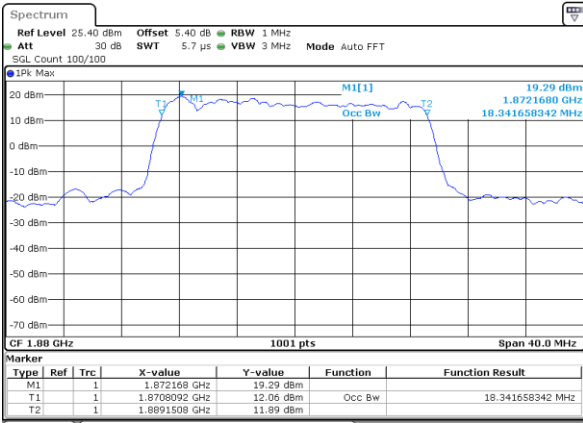
Date: 5 AUG 2019 19:37:15

Lowest Channel / 20MHz / 16QAM



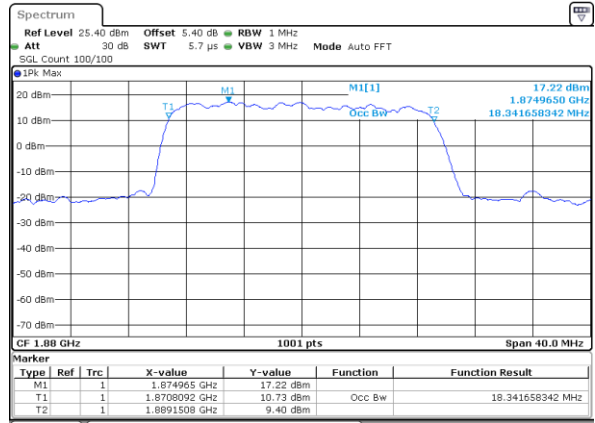
Date: 5 AUG 2019 19:37:47

Middle Channel / 20MHz / QPSK



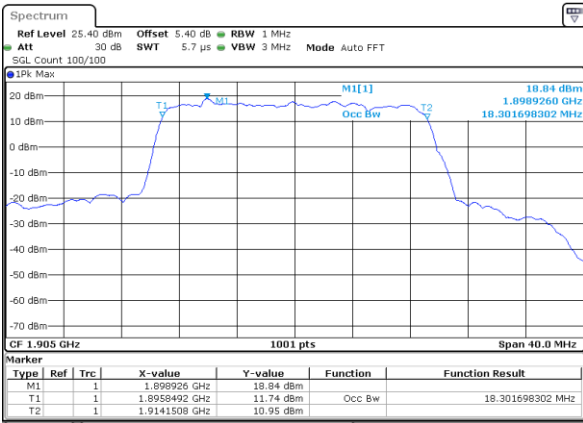
Date: 5 AUG 2019 19:41:59

Middle Channel / 20MHz / 16QAM



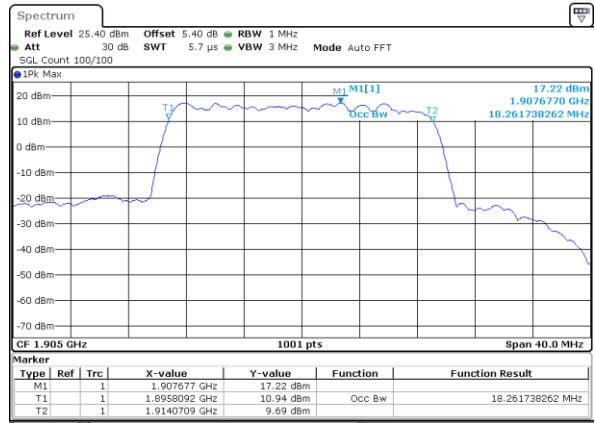
Date: 5 AUG 2019 19:42:28

Highest Channel / 20MHz / QPSK



Date: 5 AUG 2019 19:45:54

Highest Channel / 20MHz / 16QAM

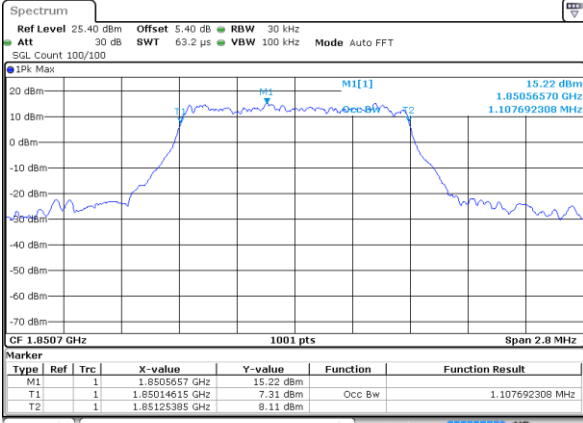


Date: 5 AUG 2019 19:47:18



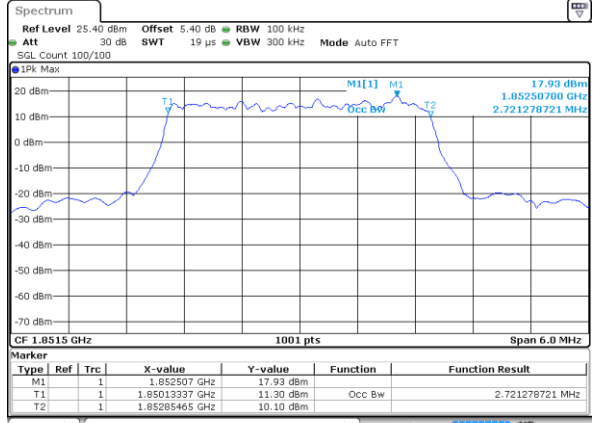
LTE Band 25

Lowest Channel / 1.4MHz / 64QAM



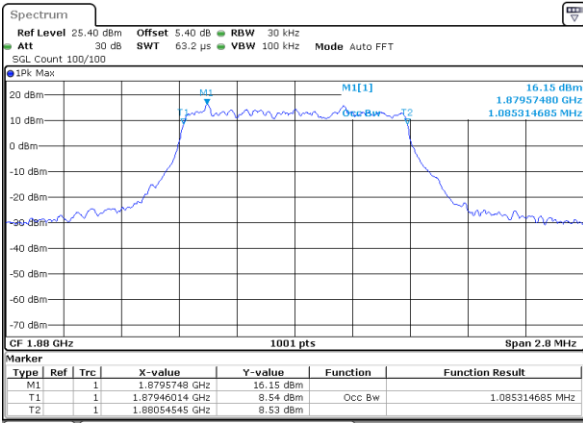
Date: 5 AUG 2019 17:25:09

Lowest Channel / 3MHz / 64QAM



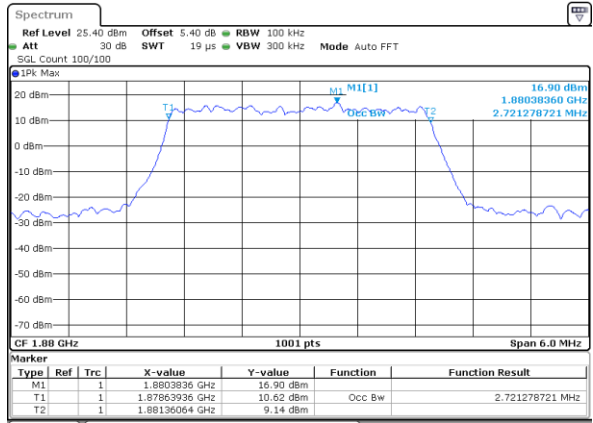
Date: 5 AUG 2019 18:13:01

Middle Channel / 1.4MHz / 64QAM



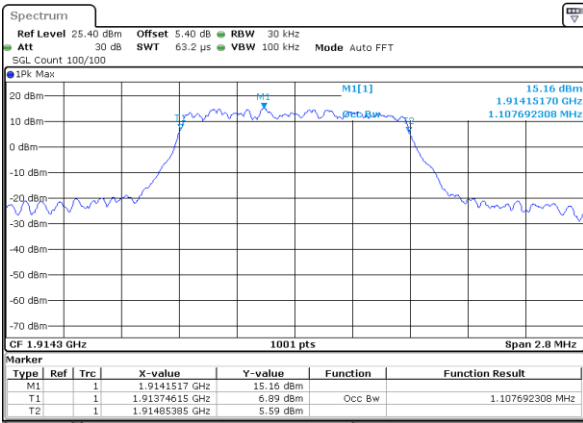
Date: 5 AUG 2019 17:44:42

Middle Channel / 3MHz / 64QAM



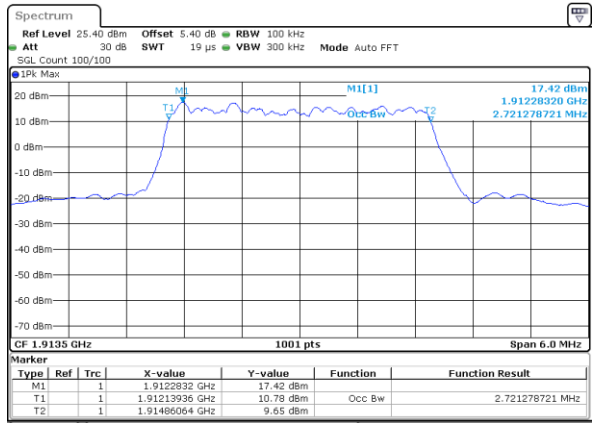
Date: 5 AUG 2019 18:19:34

Highest Channel / 1.4MHz / 64QAM



Date: 5 AUG 2019 17:45:32

Highest Channel / 3MHz / 64QAM

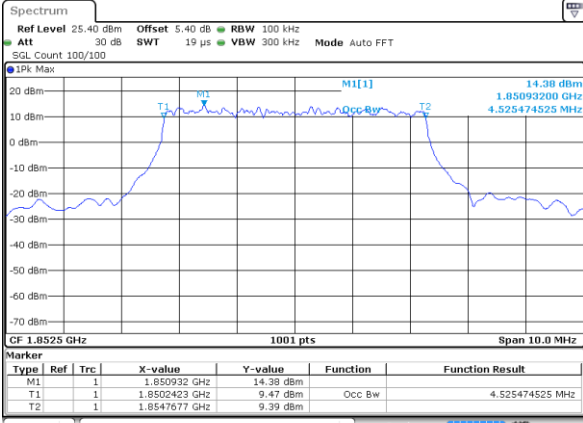


Date: 5 AUG 2019 18:22:27



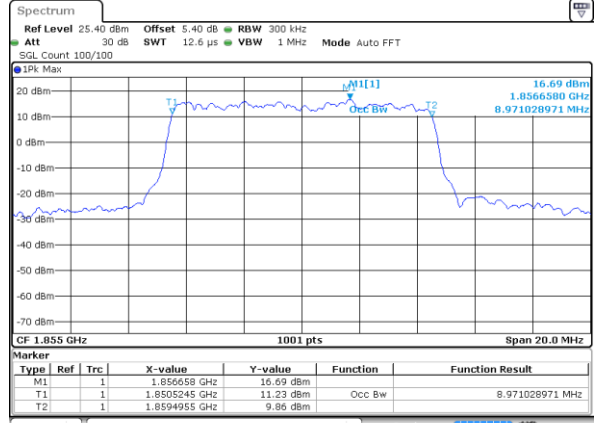
LTE Band 25

Lowest Channel / 5MHz / 64QAM



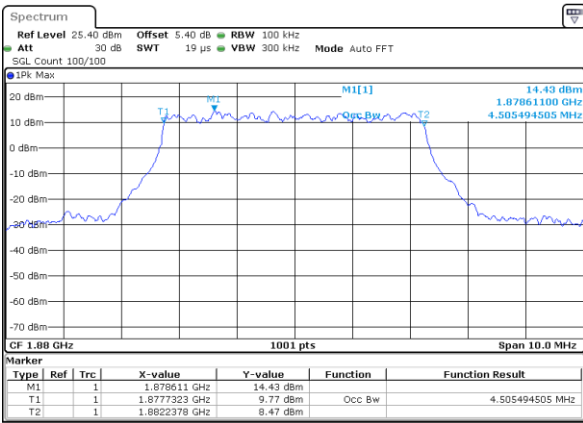
Date: 5 AUG 2019 18:36:51

Lowest Channel / 10MHz / 64QAM



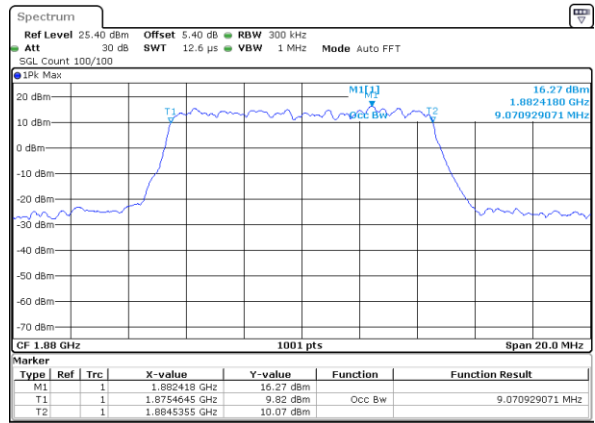
Date: 5 AUG 2019 18:57:34

Middle Channel / 5MHz / 64QAM



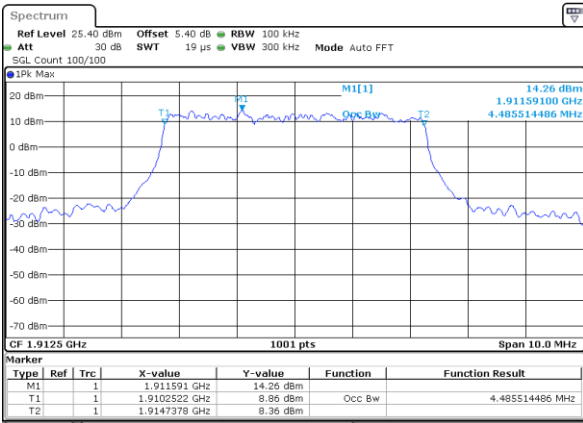
Date: 5 AUG 2019 18:43:44

Middle Channel / 10MHz / 64QAM



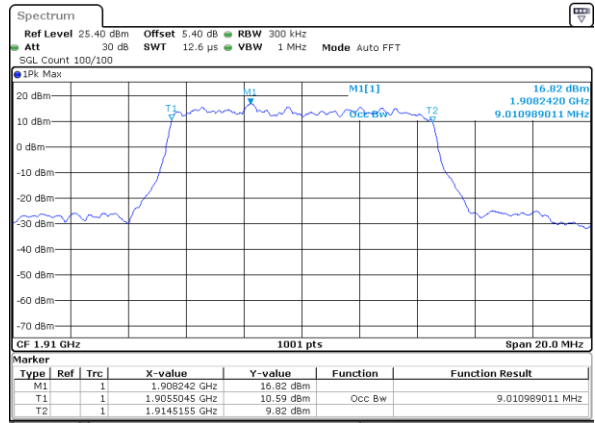
Date: 5 AUG 2019 19:02:42

Highest Channel / 5MHz / 64QAM



Date: 5 AUG 2019 18:48:55

Highest Channel / 10MHz / 64QAM

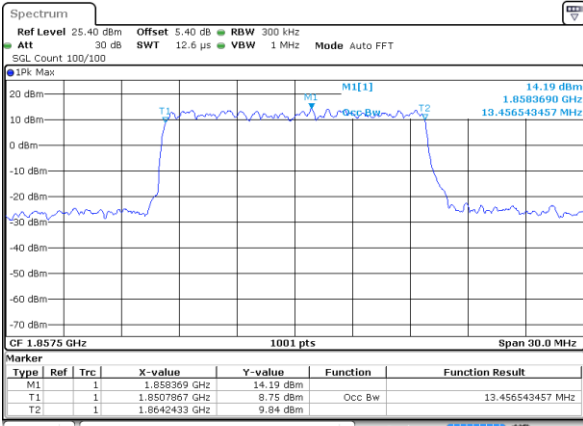


Date: 5 AUG 2019 19:10:16



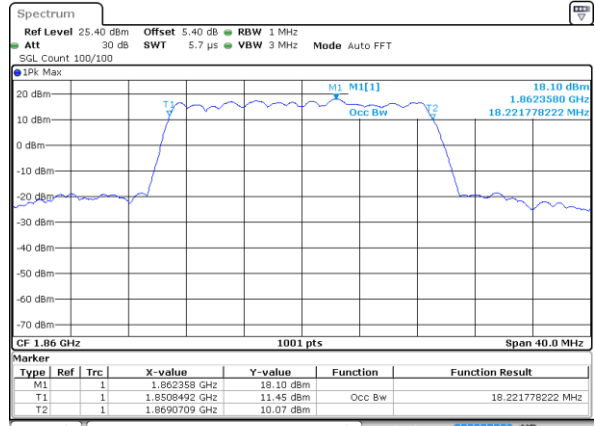
LTE Band 25

Lowest Channel / 15MHz / 64QAM



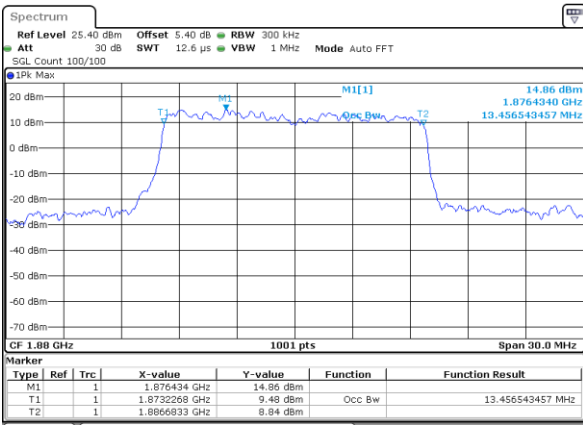
Date: 5 AUG 2019 19:19:26

Lowest Channel / 20MHz / 64QAM



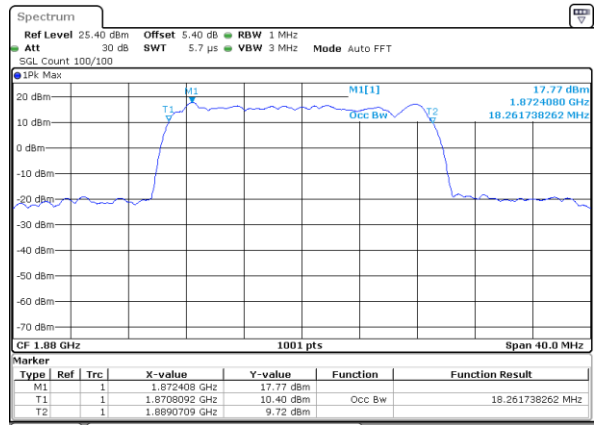
Date: 5 AUG 2019 19:38:21

Middle Channel / 15MHz / 64QAM



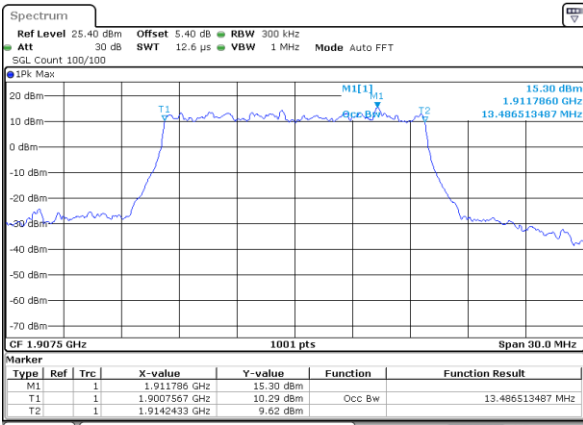
Date: 5 AUG 2019 19:23:12

Middle Channel / 20MHz / 64QAM



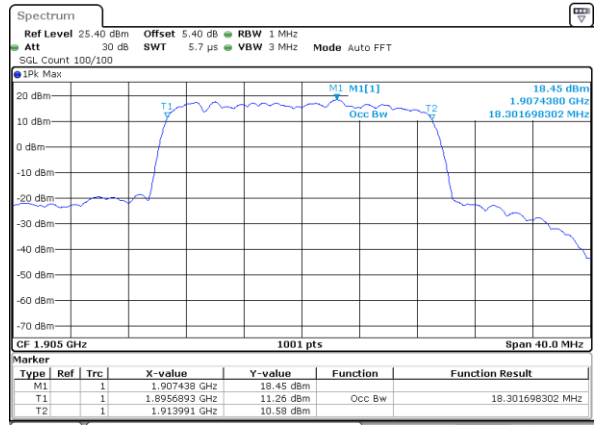
Date: 5 AUG 2019 19:43:10

Highest Channel / 15MHz / 64QAM



Date: 5 AUG 2019 19:28:55

Highest Channel / 20MHz / 64QAM

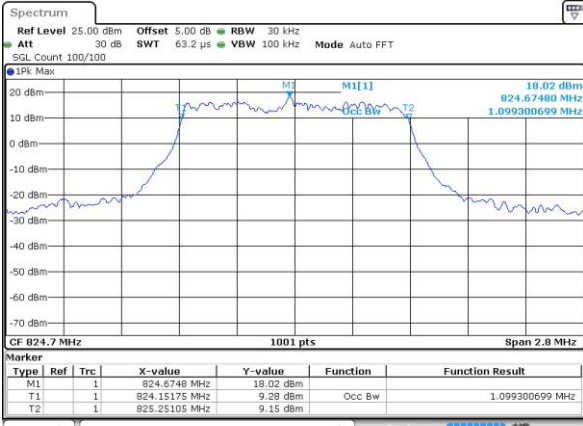


Date: 5 AUG 2019 19:48:33



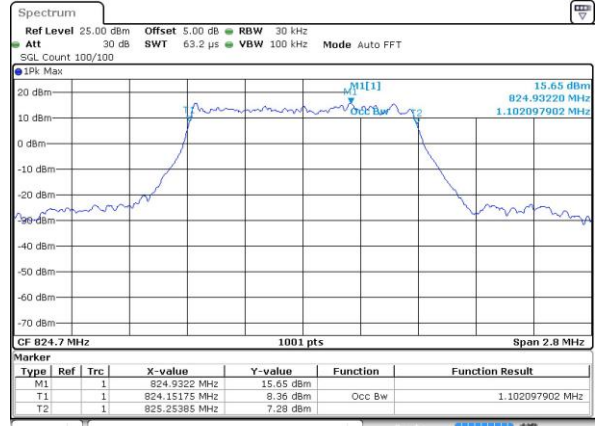
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



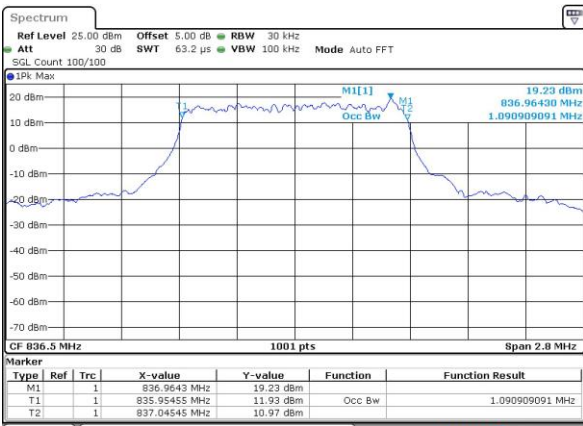
Date: 5 AUG 2019 15:10:59

Lowest Channel / 1.4MHz / 16QAM



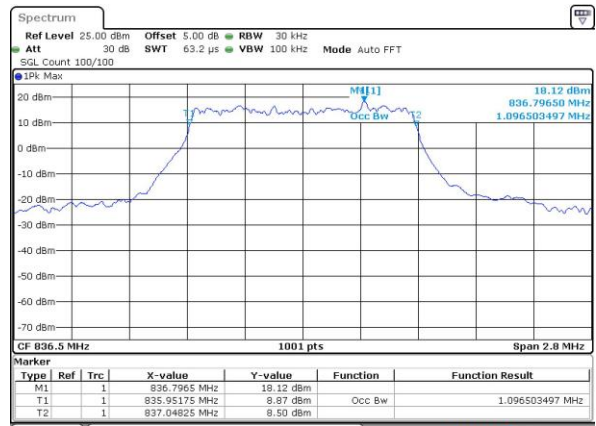
Date: 5 AUG 2019 15:11:26

Middle Channel / 1.4MHz / QPSK



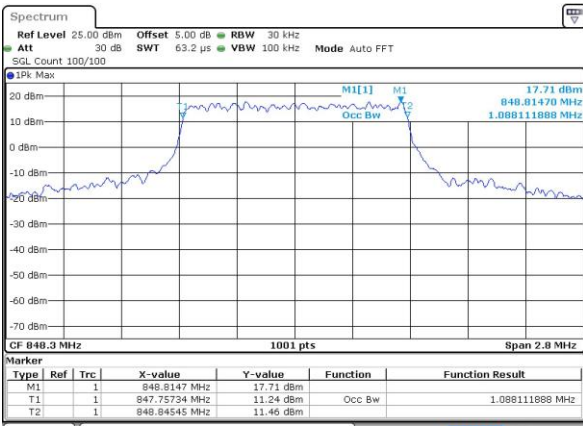
Date: 5 AUG 2019 15:21:58

Middle Channel / 1.4MHz / 16QAM



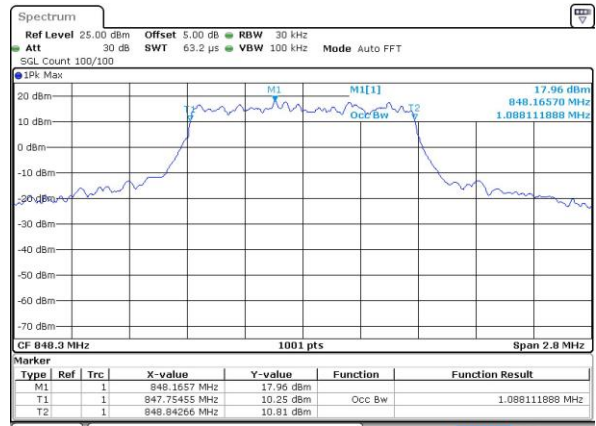
Date: 5 AUG 2019 15:21:36

Highest Channel / 1.4MHz / QPSK



Date: 5 AUG 2019 15:22:34

Highest Channel / 1.4MHz / 16QAM

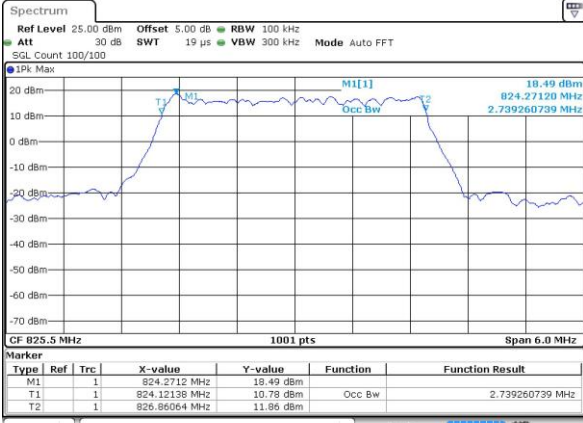


Date: 5 AUG 2019 15:22:52



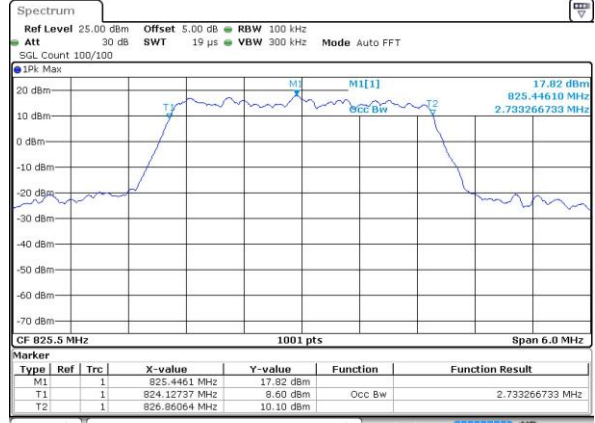
LTE Band 26

Lowest Channel / 3MHz / QPSK



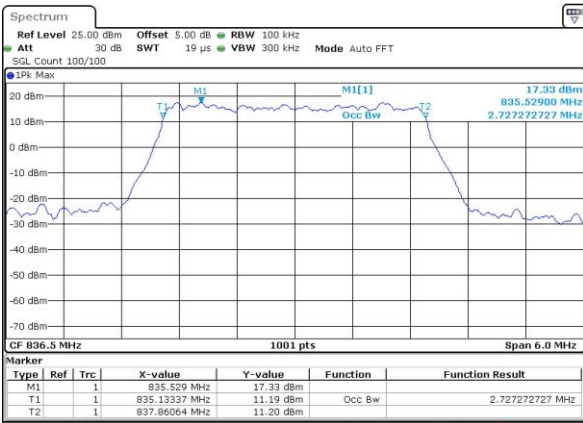
Date: 5 AUG 2019 15:27:08

Lowest Channel / 3MHz / 16QAM



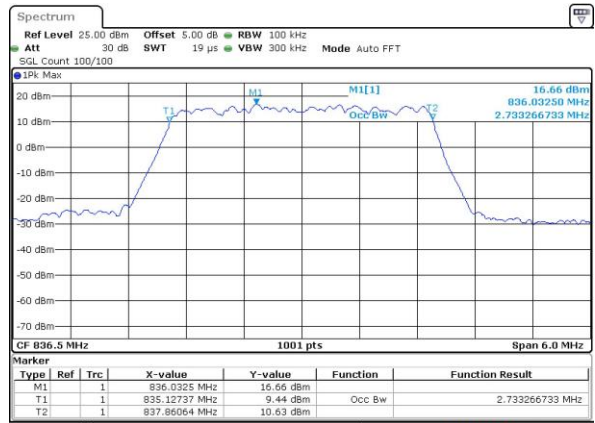
Date: 5 AUG 2019 15:27:23

Middle Channel / 3MHz / QPSK



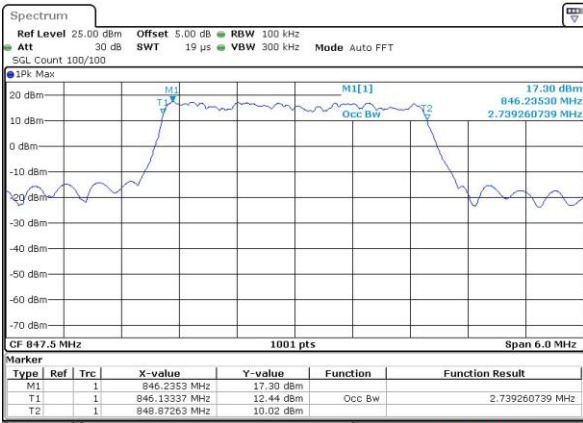
Date: 5 AUG 2019 15:32:42

Middle Channel / 3MHz / 16QAM



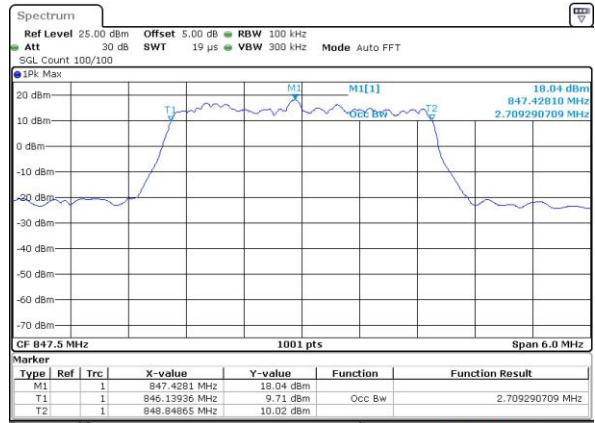
Date: 5 AUG 2019 15:32:19

Highest Channel / 3MHz / QPSK



Date: 5 AUG 2019 15:33:16

Highest Channel / 3MHz / 16QAM



Date: 5 AUG 2019 15:33:37