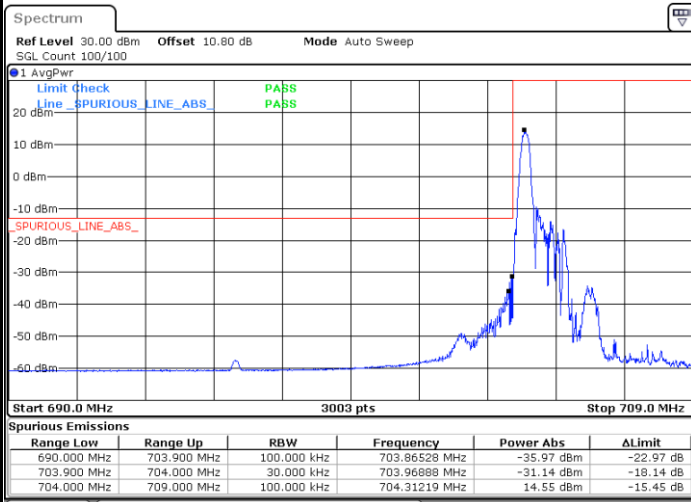




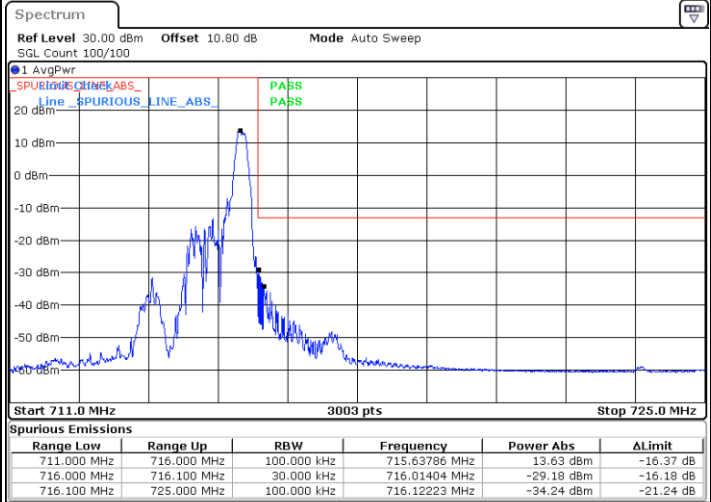
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



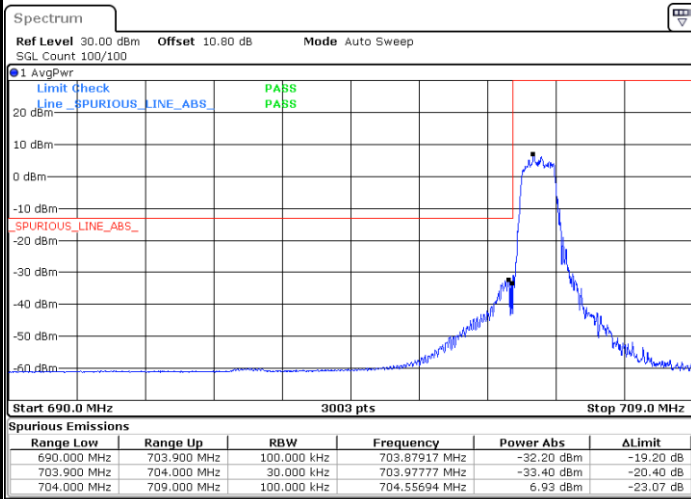
Date: 18.JUL.2020 16:18:18

Highest Band Edge / 1 RB



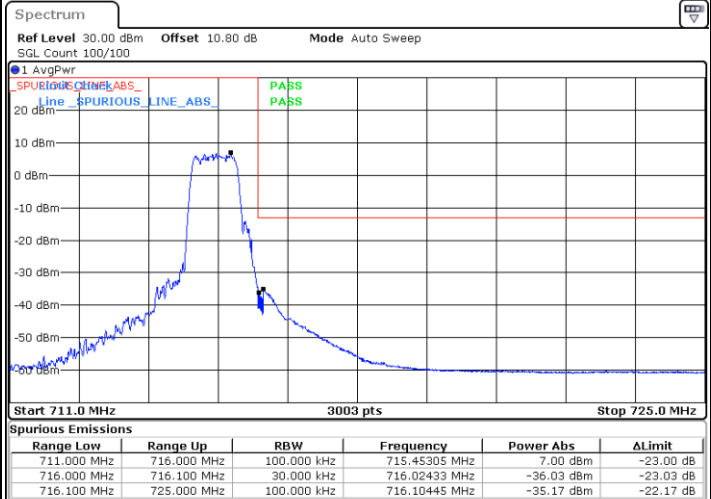
Date: 18.JUL.2020 16:23:02

Lowest Band Edge / Full RB



Date: 21.JUL.2020 13:54:11

Highest Band Edge / Full RB

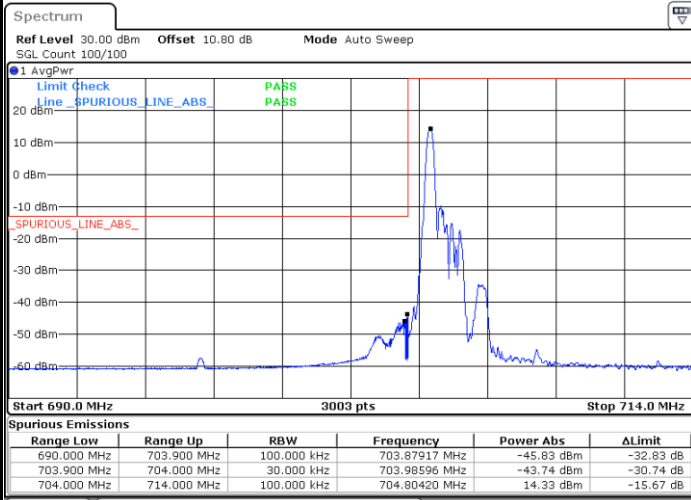


Date: 21.JUL.2020 13:55:22



LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



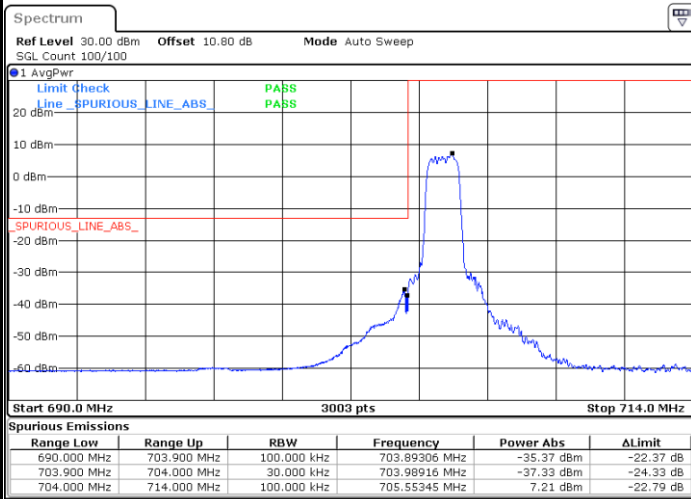
Date: 18.JUL.2020 16:33:28

Highest Band Edge / 1 RB



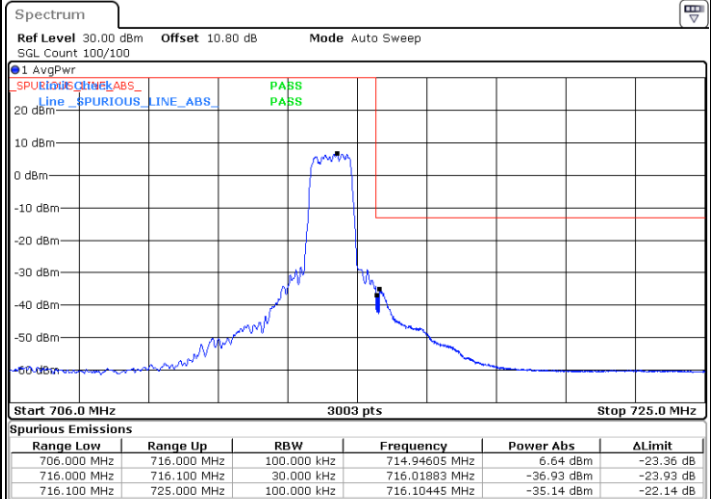
Date: 18.JUL.2020 16:43:53

Lowest Band Edge / Full RB



Date: 18.JUL.2020 16:32:23

Highest Band Edge / Full RB

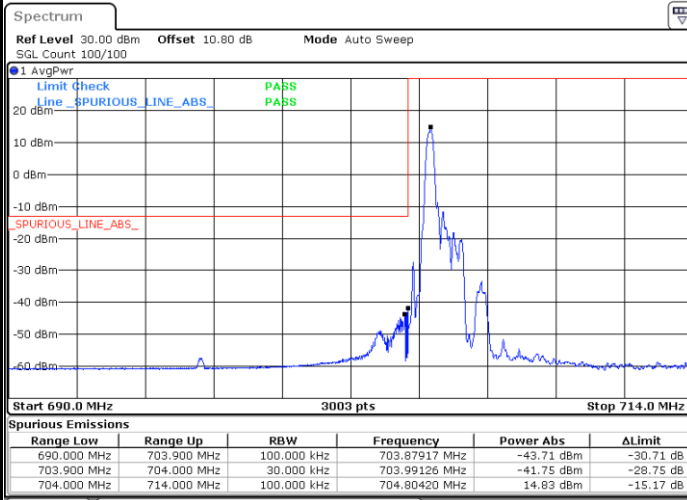


Date: 18.JUL.2020 16:42:22



LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



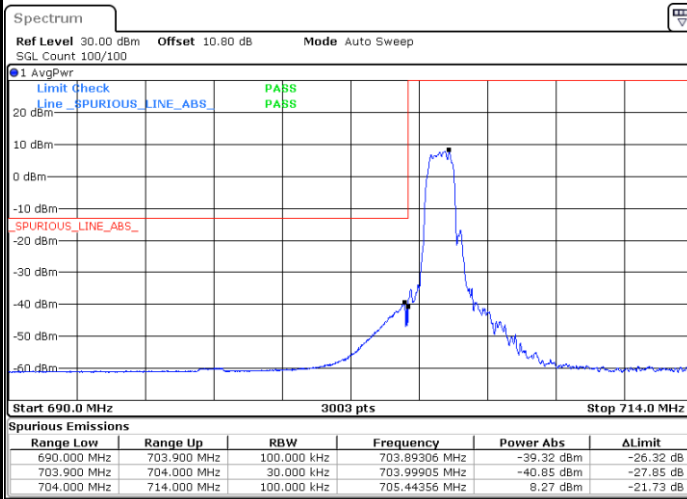
Date: 18.JUL.2020 16:35:09

Highest Band Edge / 1 RB



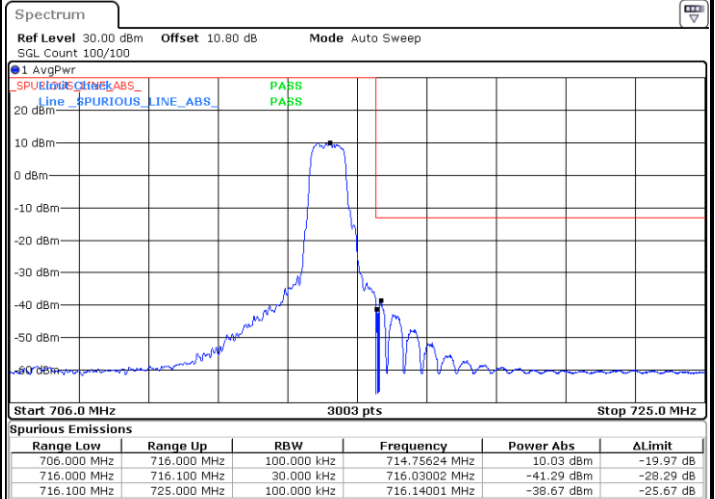
Date: 18.JUL.2020 16:44:44

Lowest Band Edge / Full RB



Date: 21.JUL.2020 13:59:42

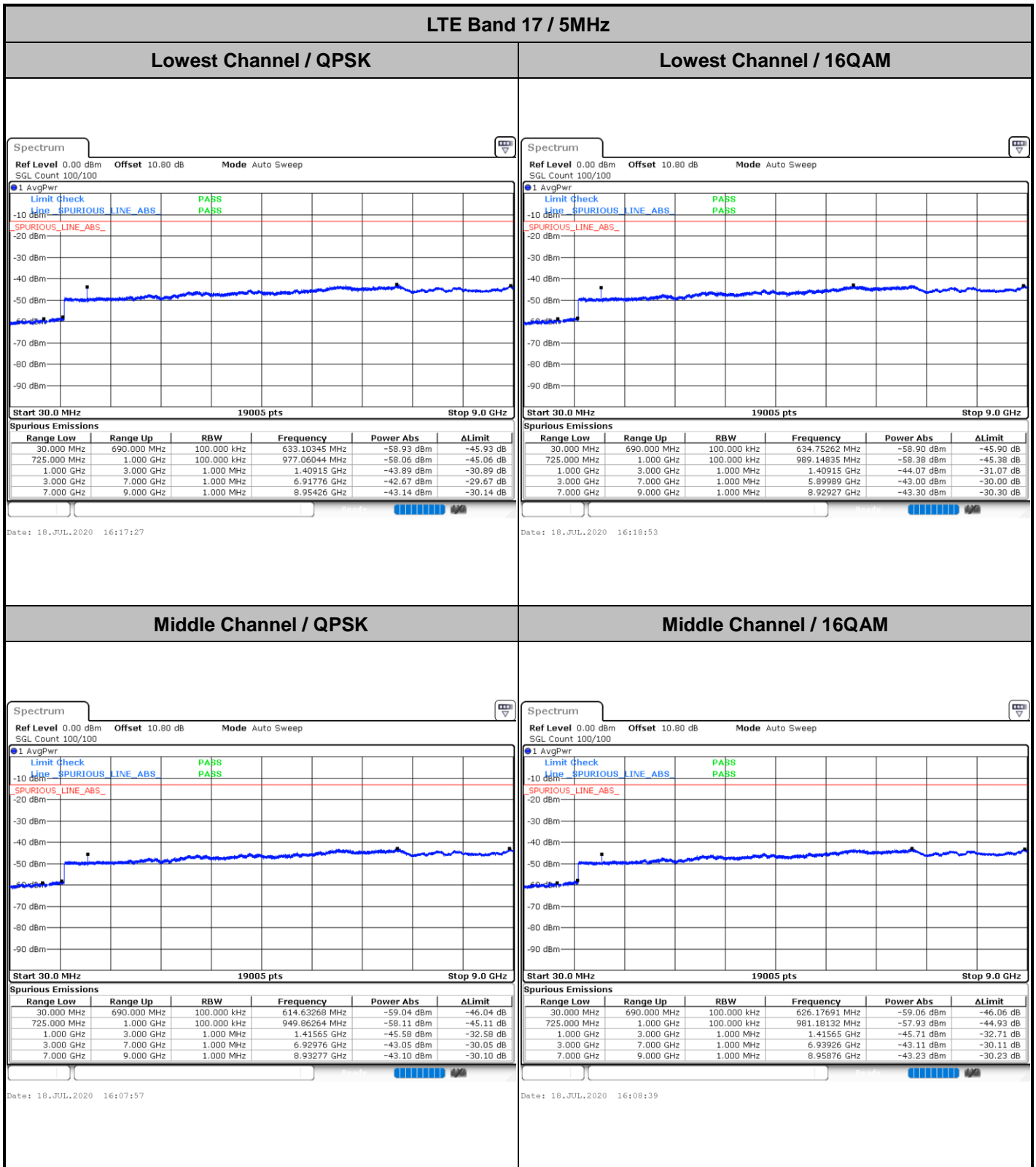
Highest Band Edge / Full RB



Date: 21.JUL.2020 14:02:07



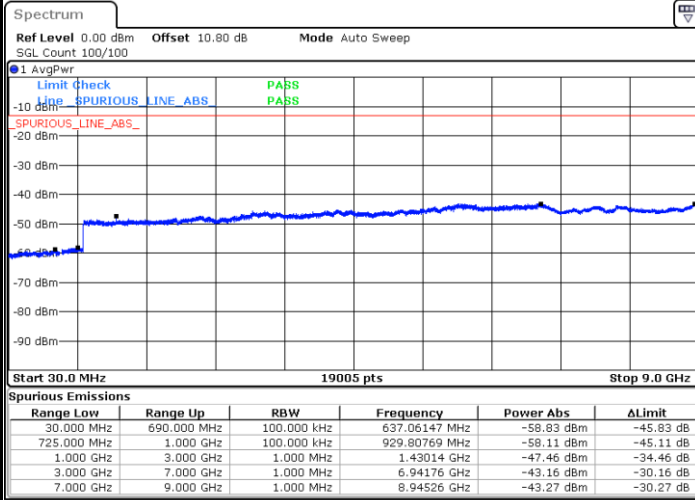
Conducted Spurious Emission





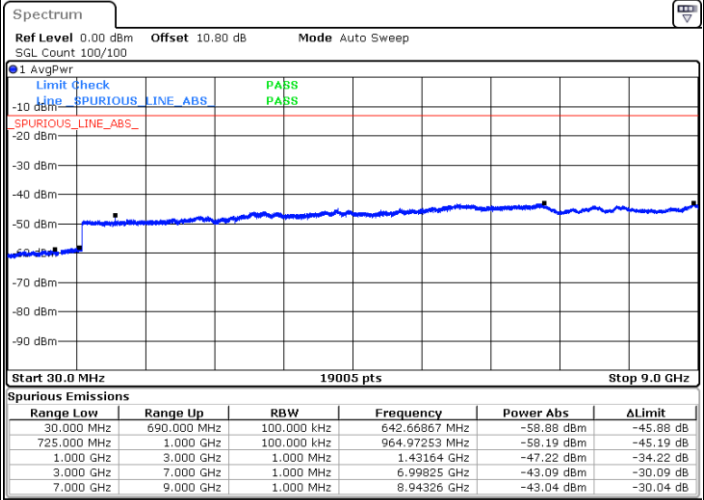
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 18.JUL.2020 16:21:36

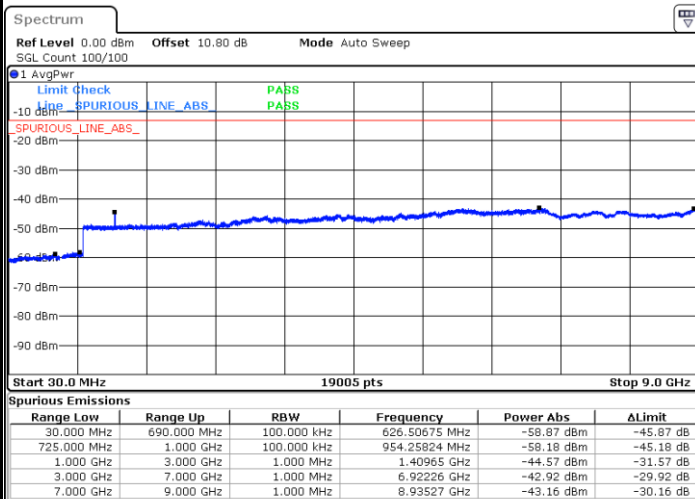
Highest Channel / 16QAM



Date: 18.JUL.2020 16:23:39

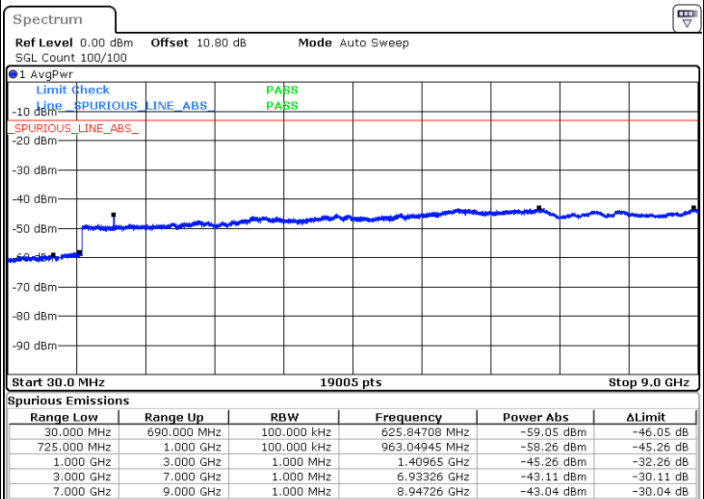
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 18.JUL.2020 16:33:57

Lowest Channel / 16QAM



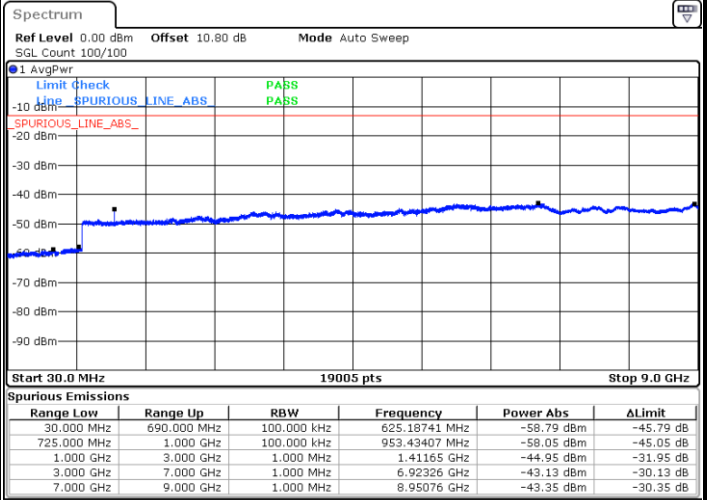
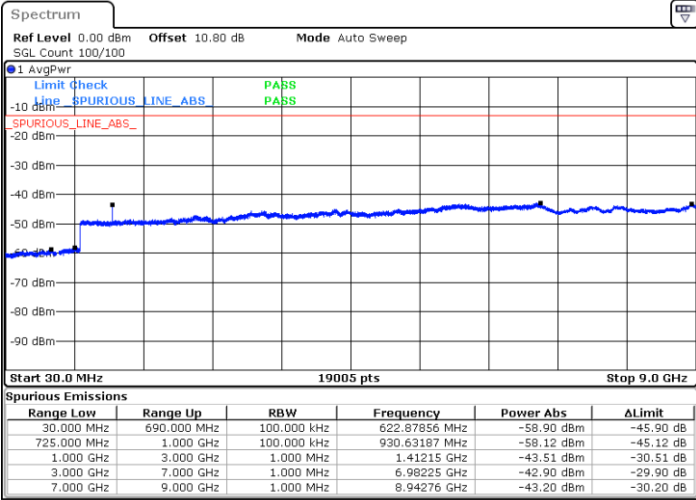
Date: 18.JUL.2020 16:35:37



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

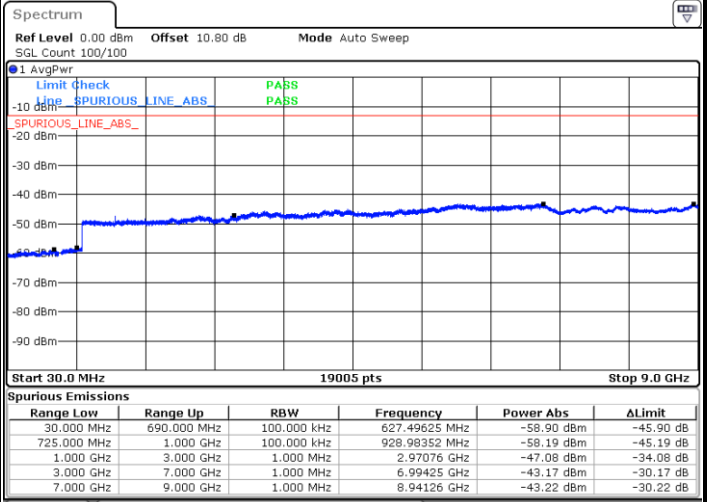
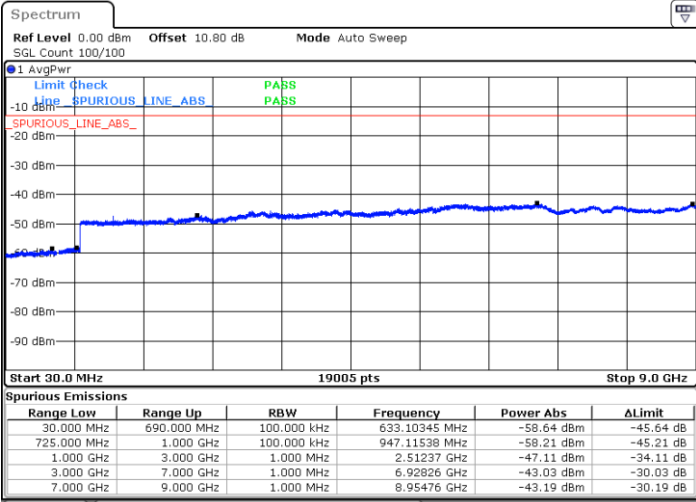


Date: 18.JUL.2020 16:26:52

Date: 18.JUL.2020 16:27:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.JUL.2020 16:43:14

Date: 18.JUL.2020 16:45:29



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0258	PASS
40	Normal Voltage	0.0239	
30	Normal Voltage	0.0246	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0189	
0	Normal Voltage	0.0252	
-10	Normal Voltage	0.0289	
-20	Normal Voltage	0.0185	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0224	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

- 1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =3.7 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

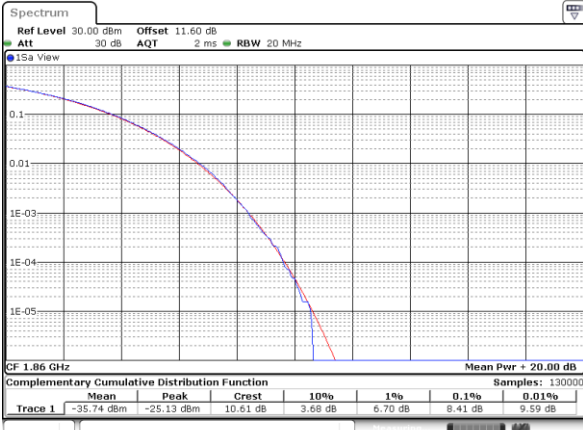
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	8.41	5.39	8.46	8.43	PASS
Middle CH	7.22	8.46	5.10	5.83	
Highest CH	7.16	8.35	8.43	4.78	



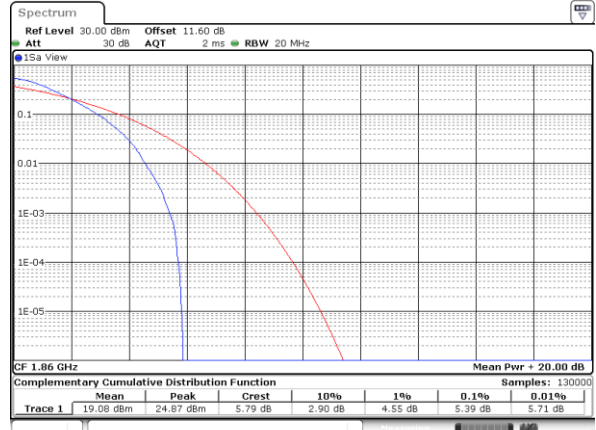
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



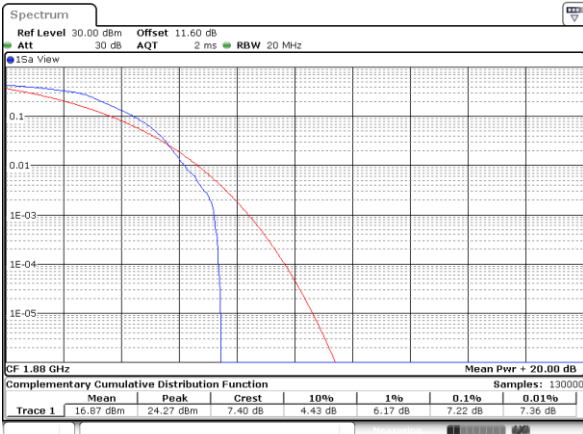
Date: 18_JUL_2020 18:50:19

Lowest Channel / Full RB



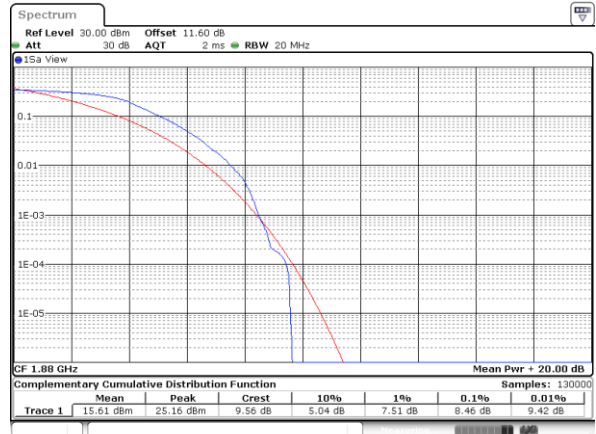
Date: 18_JUL_2020 18:50:06

Middle Channel / 1RB



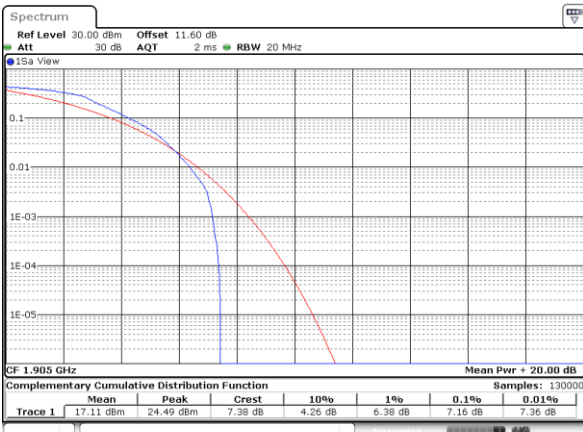
Date: 18_JUL_2020 18:47:14

Middle Channel / Full RB



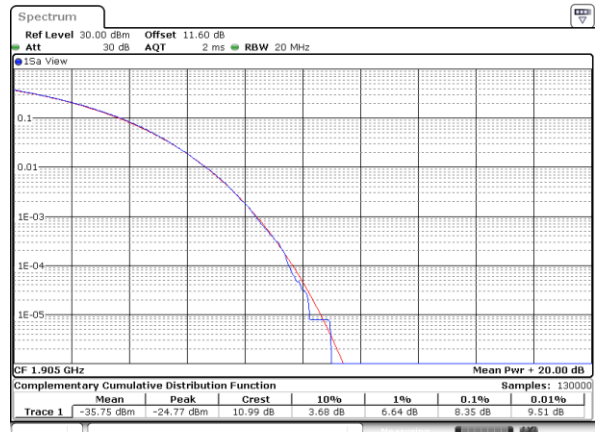
Date: 18_JUL_2020 18:46:54

Highest Channel / 1RB



Date: 18_JUL_2020 18:55:07

Highest Channel / Full RB

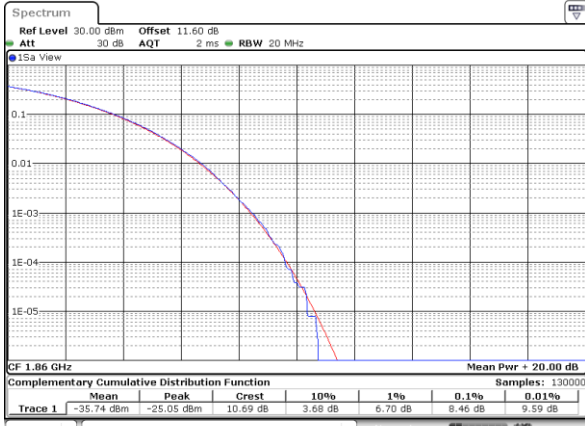


Date: 18_JUL_2020 18:53:27



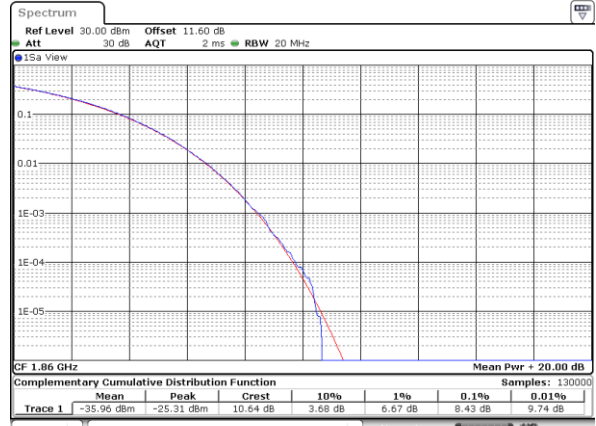
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



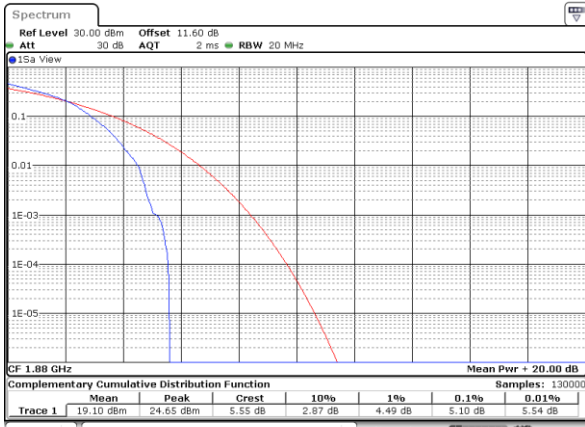
Date: 18_JUL.2020 18:51:38

Lowest Channel / Full RB



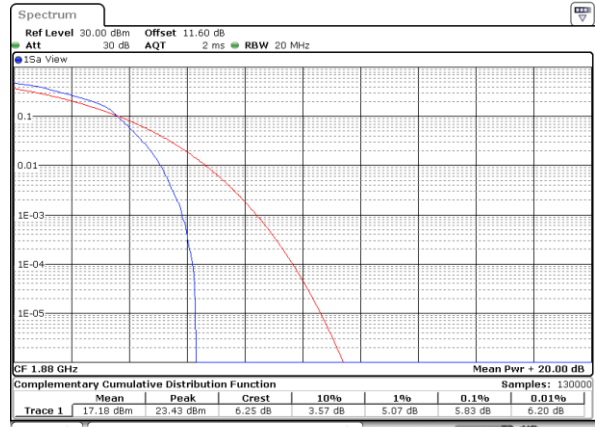
Date: 21_JUL.2020 14:13:126

Middle Channel / 1RB



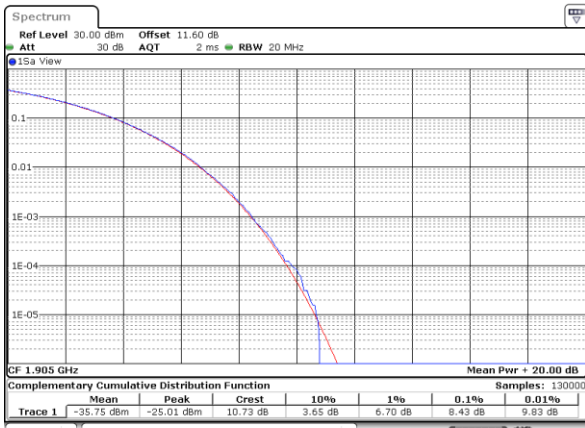
Date: 18_JUL.2020 18:48:57

Middle Channel / Full RB



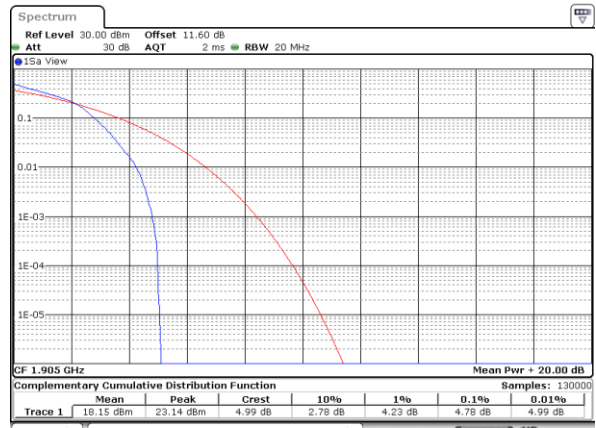
Date: 21_JUL.2020 14:13:128

Highest Channel / 1RB



Date: 18_JUL.2020 18:58:39

Highest Channel / Full RB



Date: 21_JUL.2020 14:13:132



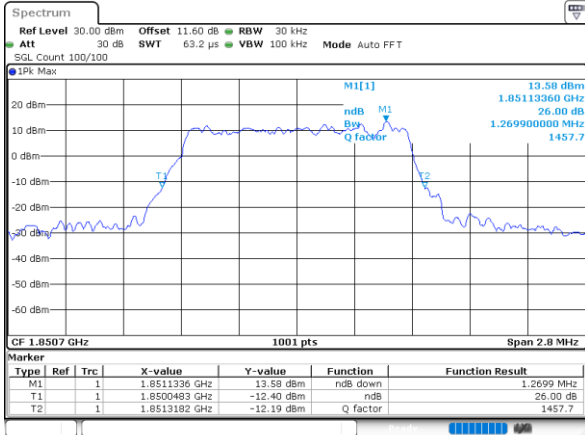
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.27	1.25	1.47	1.36	1.45	1.36	1.82	1.74	1.89	1.59	1.88	1.68
Middle CH	1.35	1.31	1.41	1.46	1.34	1.40	1.84	1.72	1.86	1.89	1.88	1.64
Highest CH	1.30	1.20	1.46	1.35	1.31	1.40	1.82	1.58	1.86	1.71	1.76	1.72



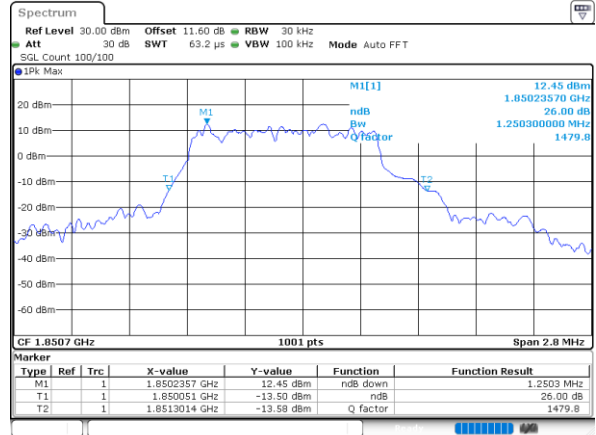
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



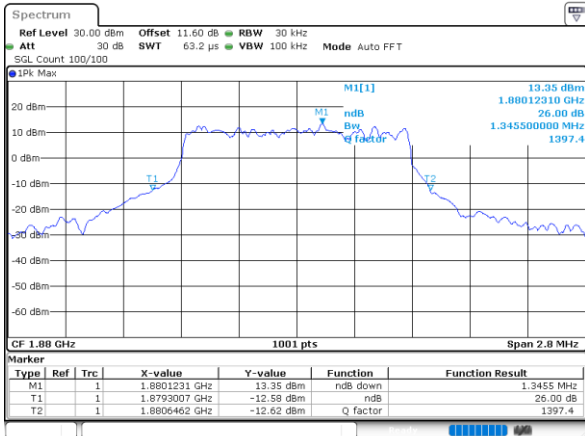
Date: 18_JUL.2020 17:06:36

Lowest Channel / 1.4MHz / 16QAM



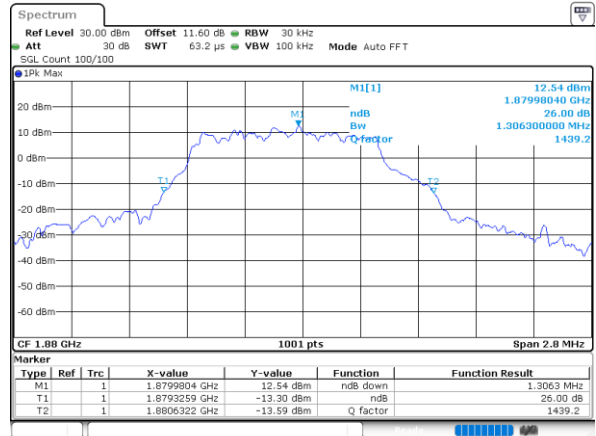
Date: 21_JUL.2020 14:08:08

Middle Channel / 1.4MHz / QPSK



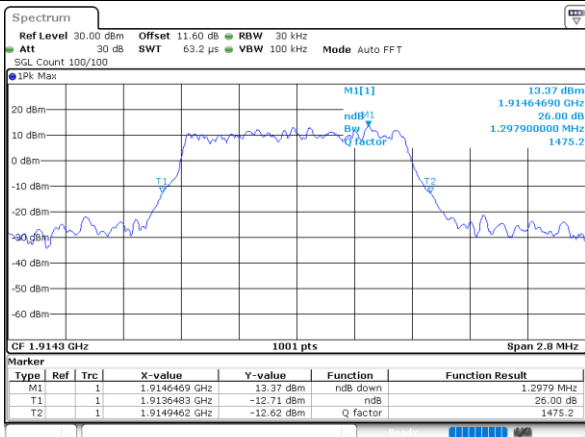
Date: 18_JUL.2020 17:03:12

Middle Channel / 1.4MHz / 16QAM



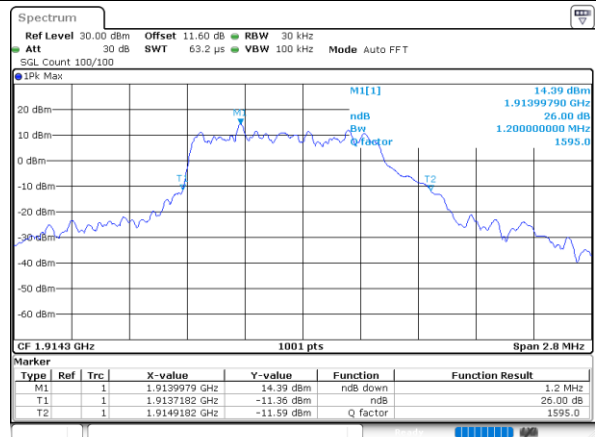
Date: 21_JUL.2020 14:07:24

Highest Channel / 1.4MHz / QPSK



Date: 18_JUL.2020 17:14:59

Highest Channel / 1.4MHz / 16QAM

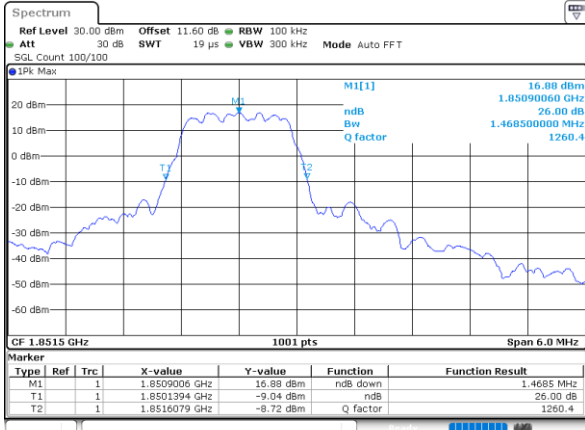


Date: 21_JUL.2020 14:14:00



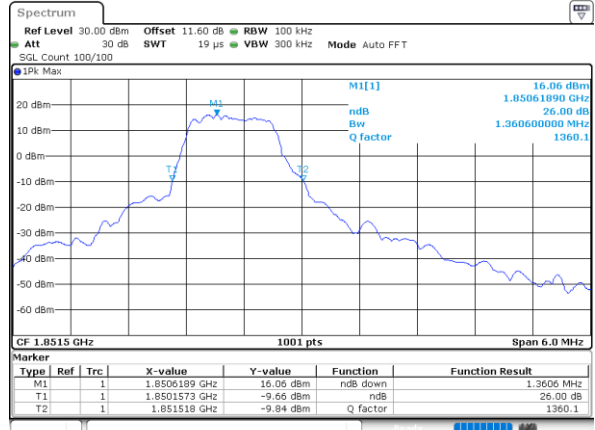
LTE Band 25

Lowest Channel / 3MHz / QPSK



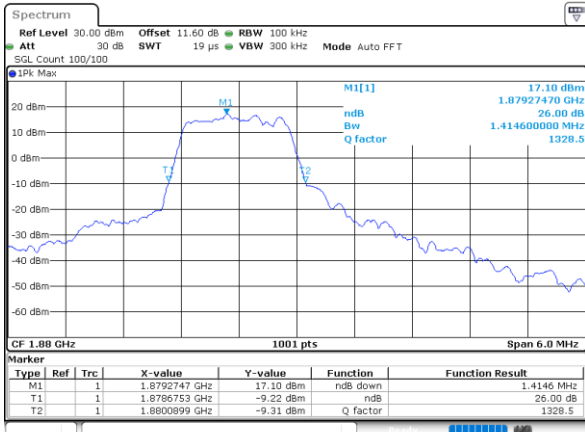
Date: 18_JUL.2020 17:25:44

Lowest Channel / 3MHz / 16QAM



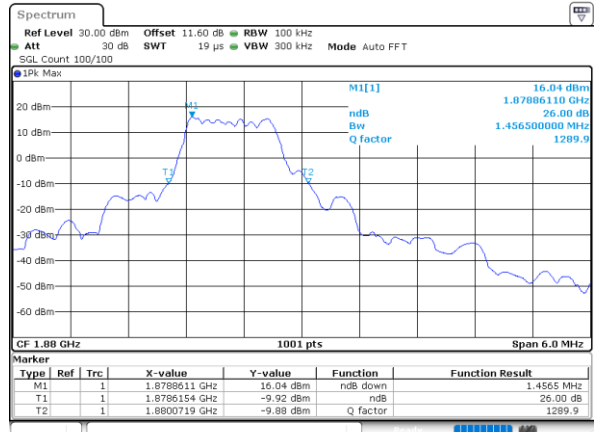
Date: 21_JUL.2020 14:18:01

Middle Channel / 3MHz / QPSK



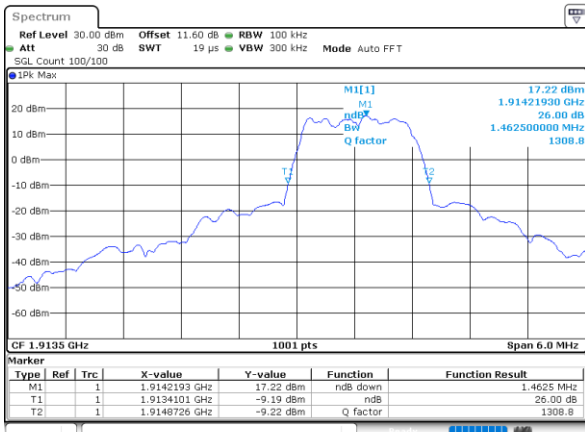
Date: 18_JUL.2020 17:23:27

Middle Channel / 3MHz / 16QAM



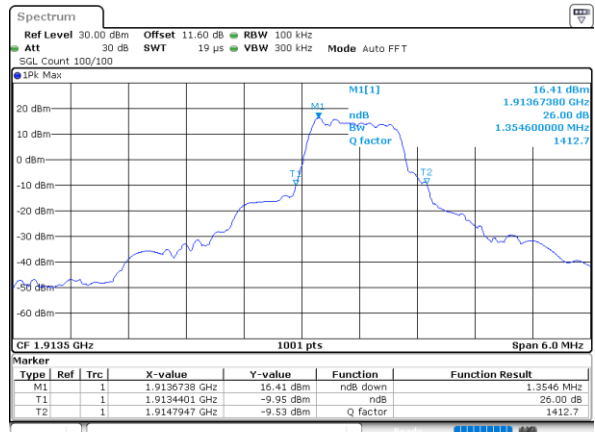
Date: 21_JUL.2020 14:17:31

Highest Channel / 3MHz / QPSK



Date: 18_JUL.2020 17:30:56

Highest Channel / 3MHz / 16QAM



Date: 21_JUL.2020 14:19:42



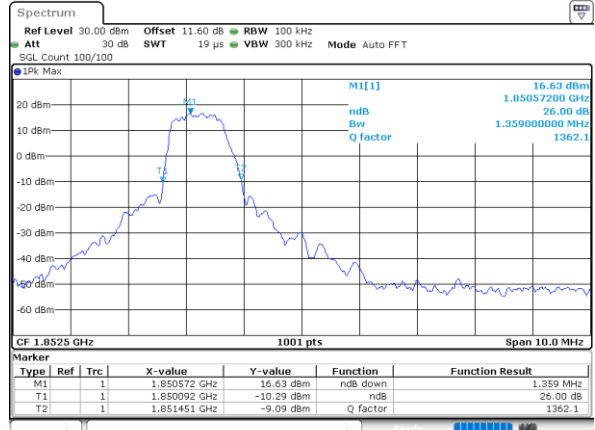
LTE Band 25

Lowest Channel / 5MHz / QPSK



Date: 18_JUL.2020 17:40:19

Lowest Channel / 5MHz / 16QAM



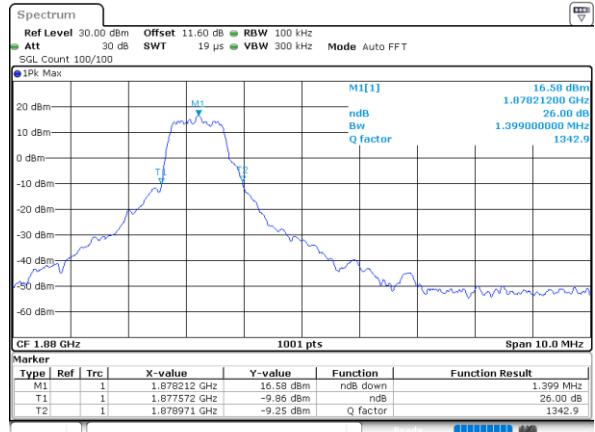
Date: 21_JUL.2020 14:23:20

Middle Channel / 5MHz / QPSK



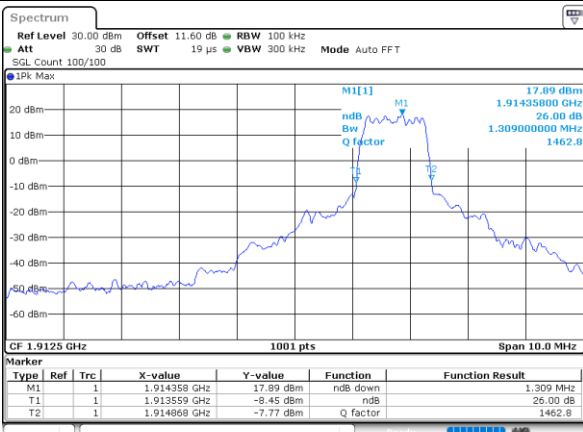
Date: 18_JUL.2020 17:07:44

Middle Channel / 5MHz / 16QAM



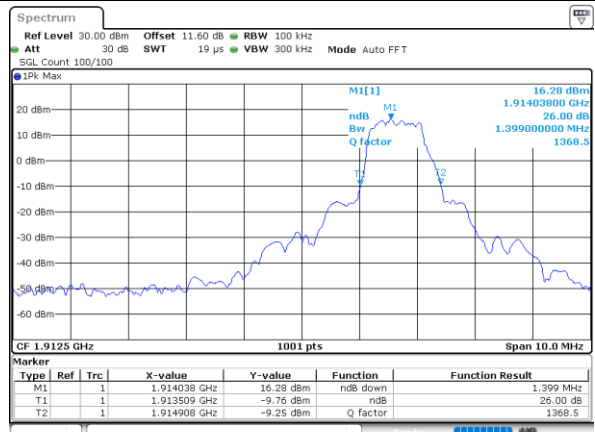
Date: 21_JUL.2020 14:22:42

Highest Channel / 5MHz / QPSK



Date: 18_JUL.2020 17:44:03

Highest Channel / 5MHz / 16QAM

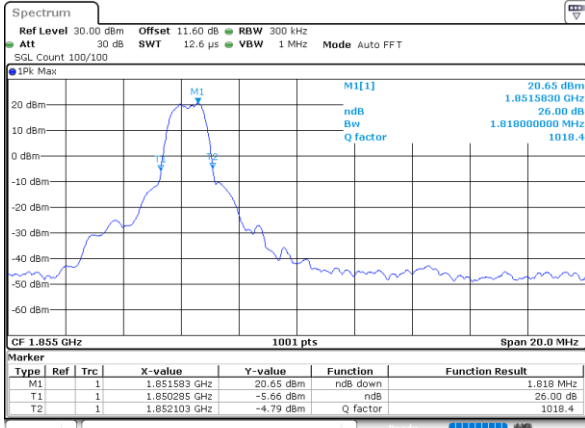


Date: 21_JUL.2020 14:24:06



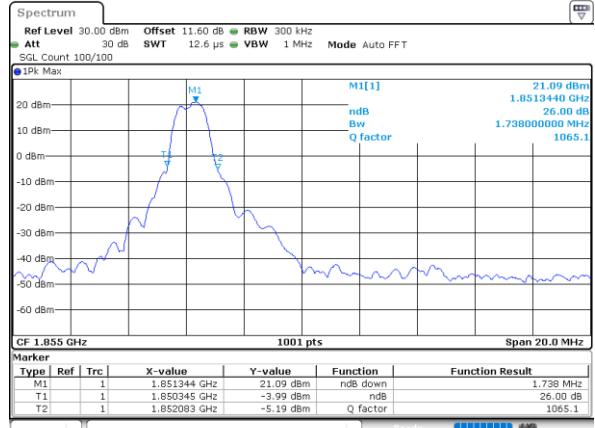
LTE Band 25

Lowest Channel / 10MHz / QPSK



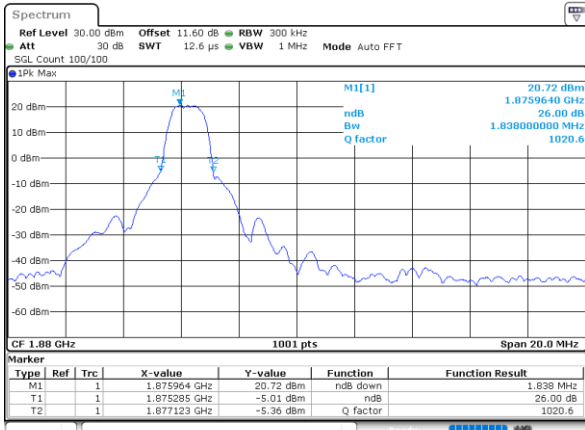
Date: 18_JUL.2020 17:50:58

Lowest Channel / 10MHz / 16QAM



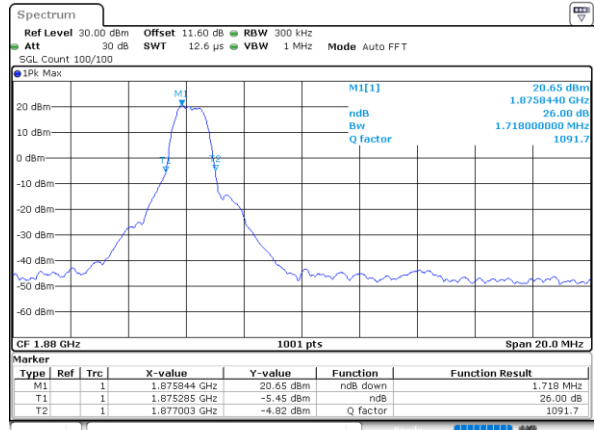
Date: 21_JUL.2020 14:04:30

Middle Channel / 10MHz / QPSK



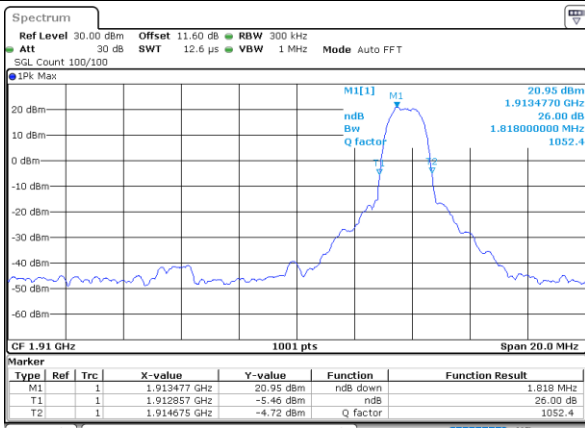
Date: 18_JUL.2020 17:49:56

Middle Channel / 10MHz / 16QAM



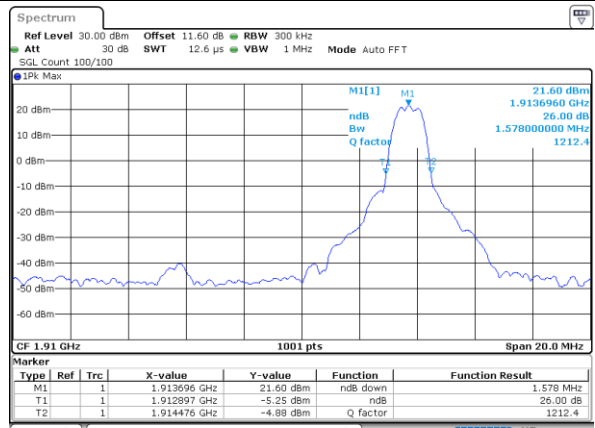
Date: 21_JUL.2020 14:04:03

Highest Channel / 10MHz / QPSK



Date: 18_JUL.2020 17:56:21

Highest Channel / 10MHz / 16QAM

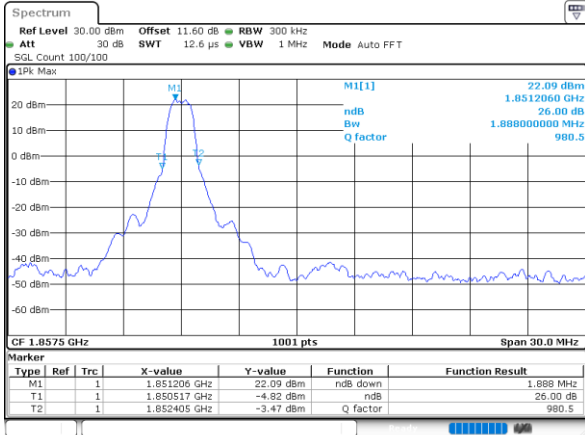


Date: 21_JUL.2020 14:05:06



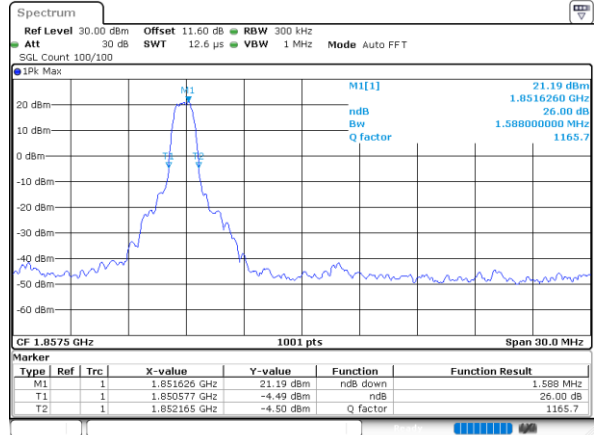
LTE Band 25

Lowest Channel / 15MHz / QPSK



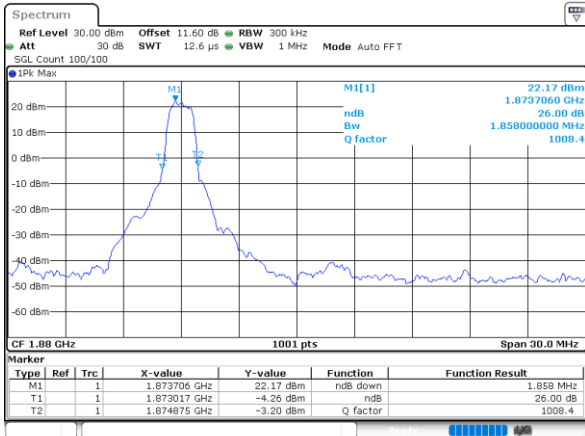
Date: 18_JUL_2020 18:35:40

Lowest Channel / 15MHz / 16QAM



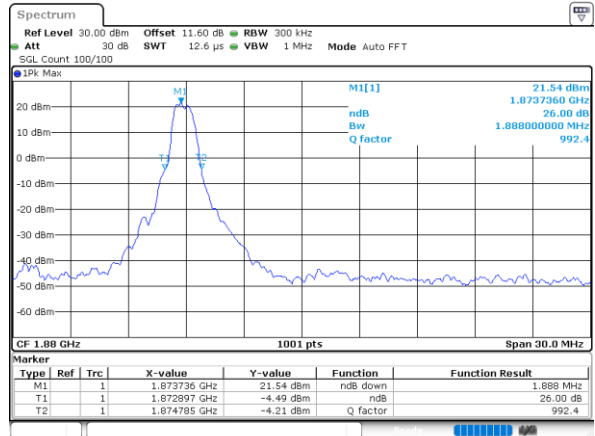
Date: 21_JUL_2020 14:26:50

Middle Channel / 15MHz / QPSK



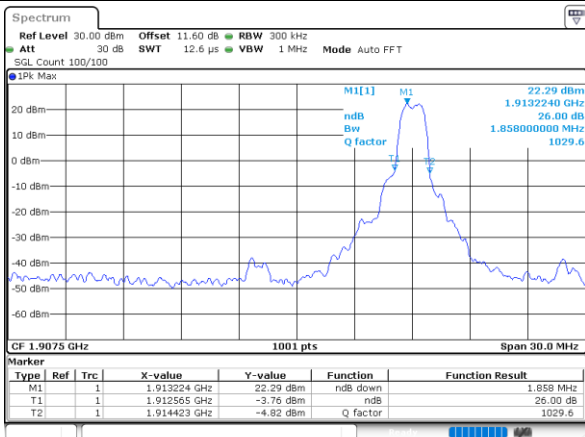
Date: 18_JUL_2020 18:32:17

Middle Channel / 15MHz / 16QAM



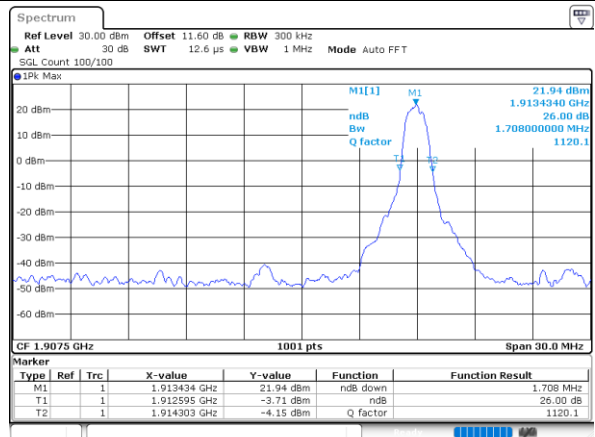
Date: 21_JUL_2020 14:26:20

Highest Channel / 15MHz / QPSK



Date: 18_JUL_2020 18:39:29

Highest Channel / 15MHz / 16QAM

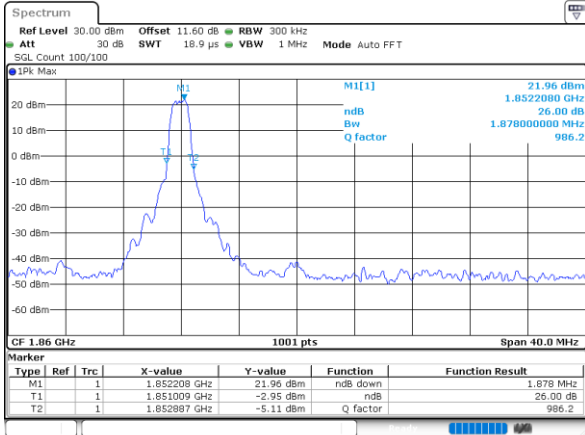


Date: 21_JUL_2020 14:27:27



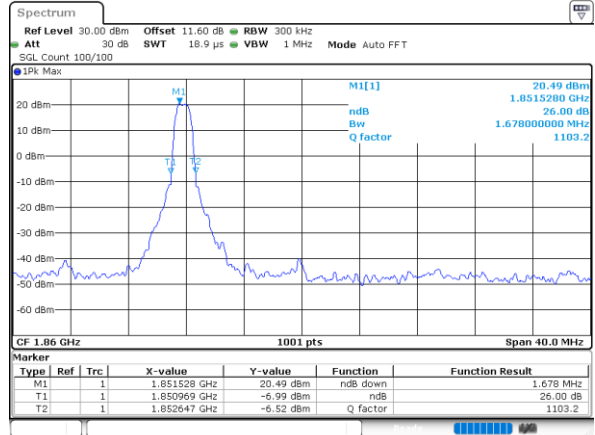
LTE Band 25

Lowest Channel / 20MHz / QPSK



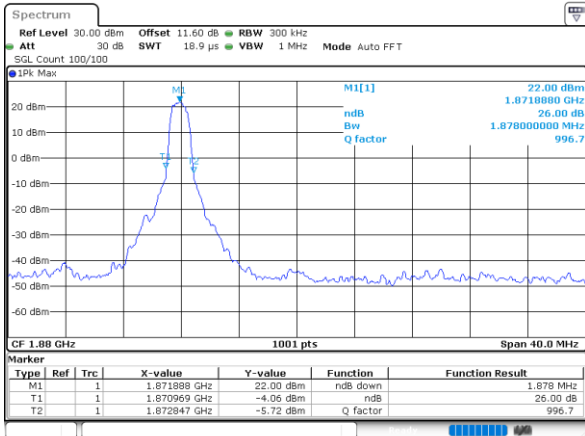
Date: 18_JUL_2020 18:49:34

Lowest Channel / 20MHz / 16QAM



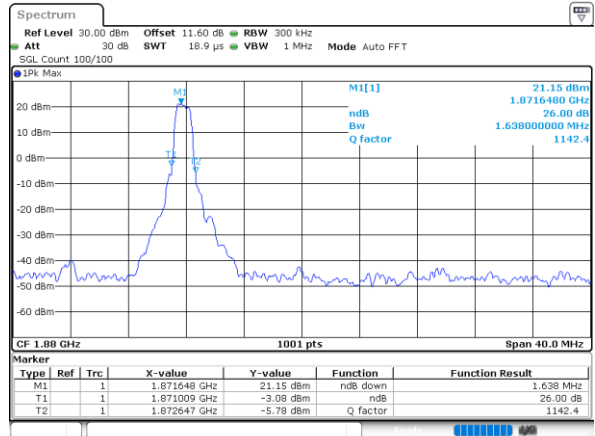
Date: 21_JUL_2020 14:31:05

Middle Channel / 20MHz / QPSK



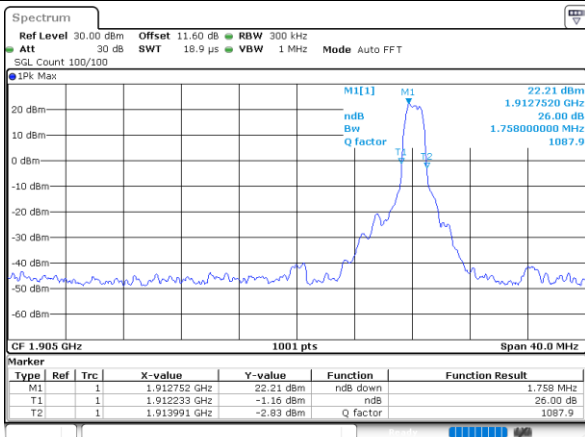
Date: 18_JUL_2020 18:46:47

Middle Channel / 20MHz / 16QAM



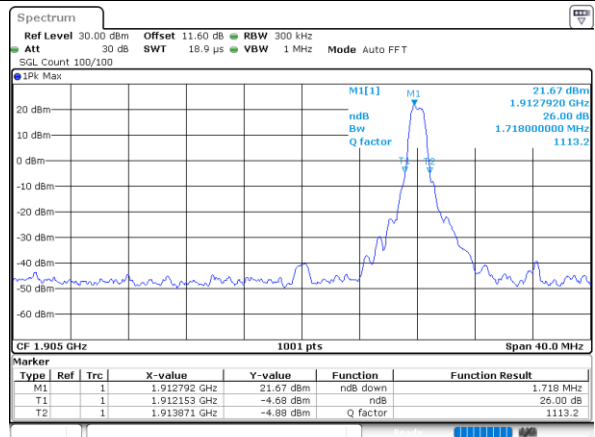
Date: 21_JUL_2020 14:30:14

Highest Channel / 20MHz / QPSK



Date: 18_JUL_2020 18:53:19

Highest Channel / 20MHz / 16QAM



Date: 21_JUL_2020 14:32:10



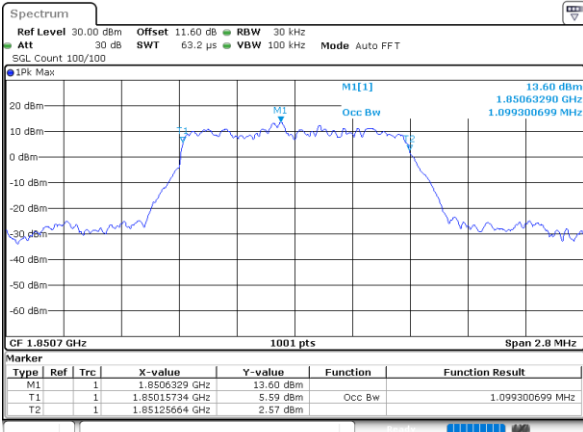
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	0.93	1.16	0.98	1.21	1.02	1.46	1.36	1.44	1.29	1.52	1.32
Middle CH	1.09	0.94	1.22	1.01	1.17	1.02	1.48	1.26	1.41	1.32	1.48	1.36
Highest CH	1.09	0.95	1.15	1.00	1.20	1.05	1.46	1.28	1.47	1.26	1.44	1.32



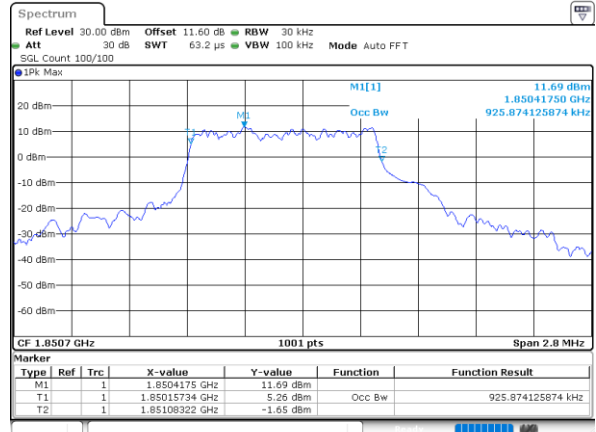
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



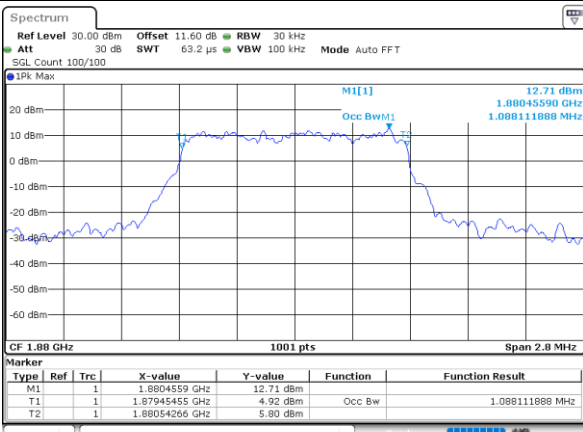
Date: 19_JUL_2020 17:06:30

Lowest Channel / 1.4MHz / 16QAM



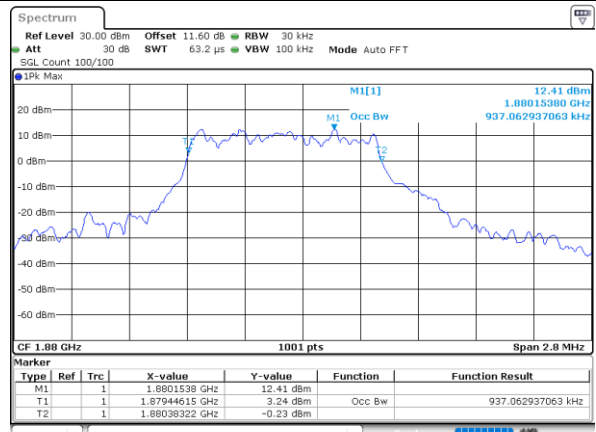
Date: 21_JUL_2020 14:07:47

Middle Channel / 1.4MHz / QPSK



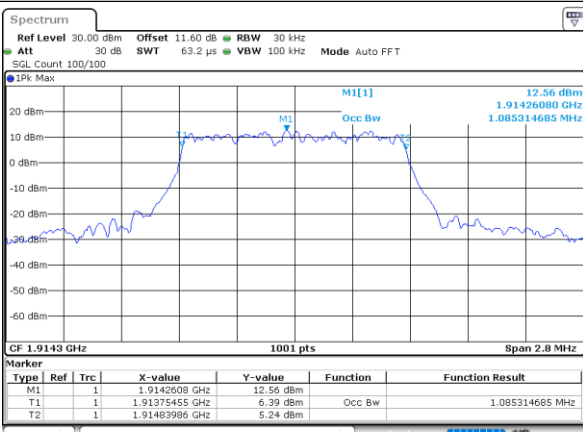
Date: 19_JUL_2020 17:06:04

Middle Channel / 1.4MHz / 16QAM



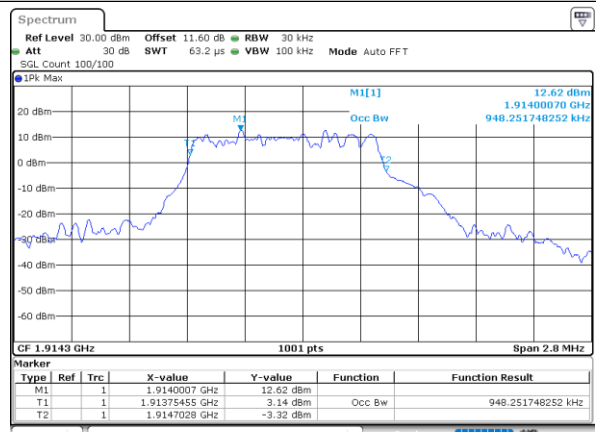
Date: 21_JUL_2020 14:07:18

Highest Channel / 1.4MHz / QPSK



Date: 19_JUL_2020 17:14:51

Highest Channel / 1.4MHz / 16QAM

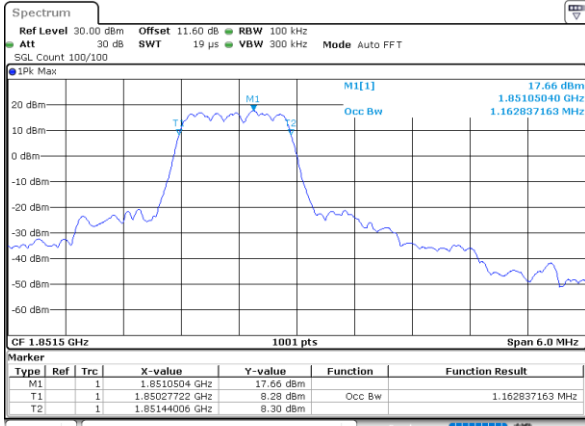


Date: 21_JUL_2020 14:13:53



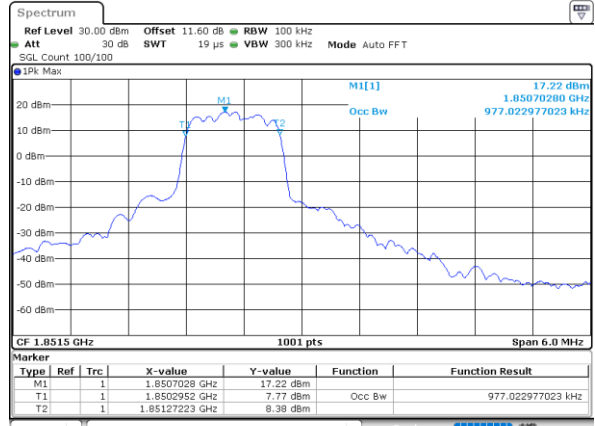
LTE Band 25

Lowest Channel / 3MHz / QPSK



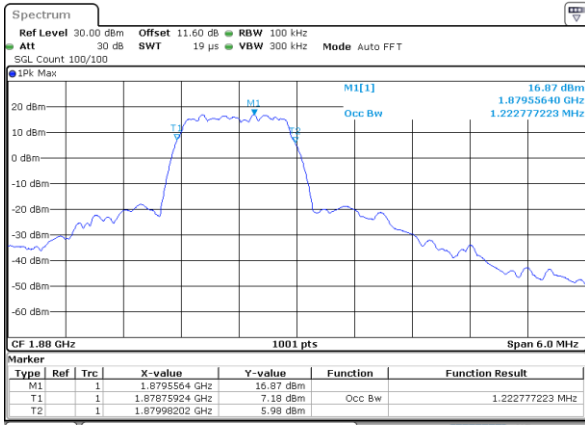
Date: 18_JUL.2020 17:25:37

Lowest Channel / 3MHz / 16QAM



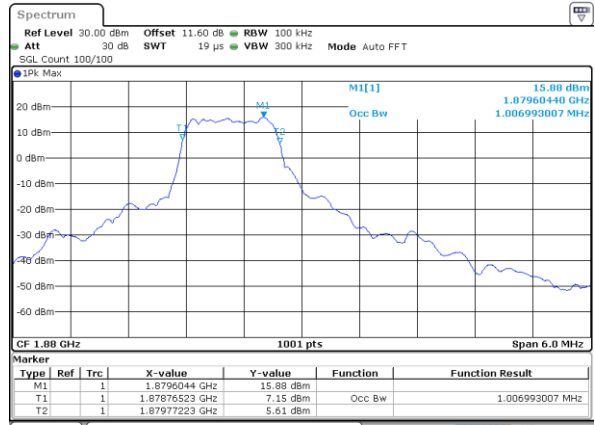
Date: 21_JUL.2020 14:17:55

Middle Channel / 3MHz / QPSK



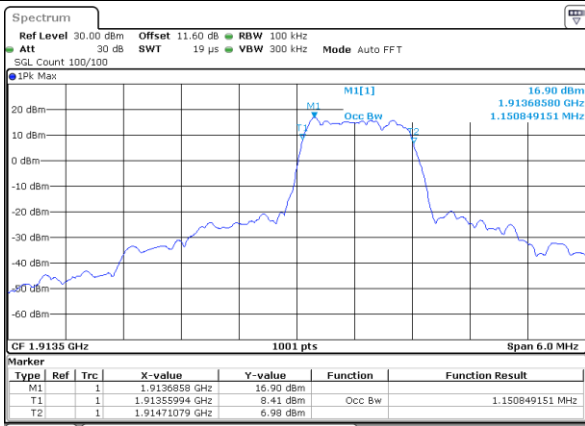
Date: 18_JUL.2020 17:23:17

Middle Channel / 3MHz / 16QAM



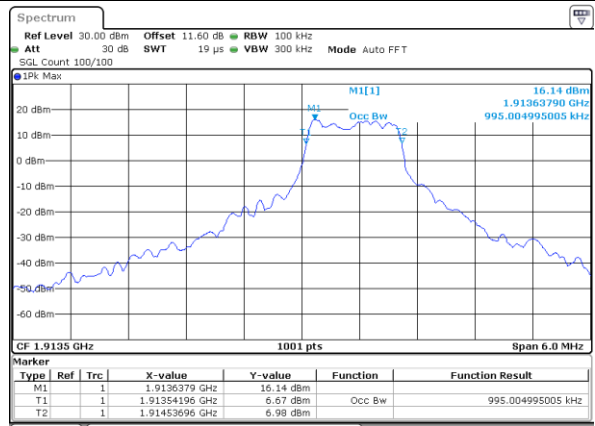
Date: 21_JUL.2020 14:17:24

Highest Channel / 3MHz / QPSK



Date: 18_JUL.2020 17:30:49

Highest Channel / 3MHz / 16QAM

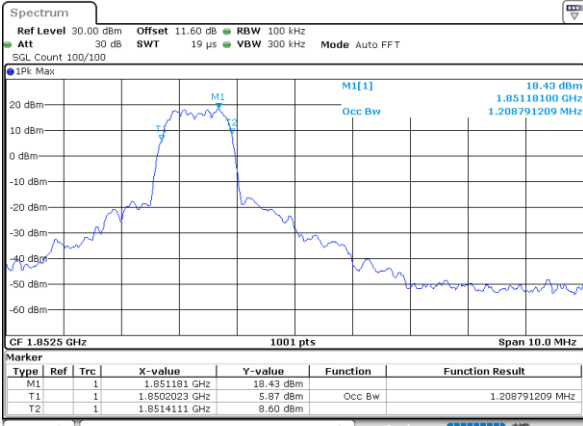


Date: 21_JUL.2020 14:19:35



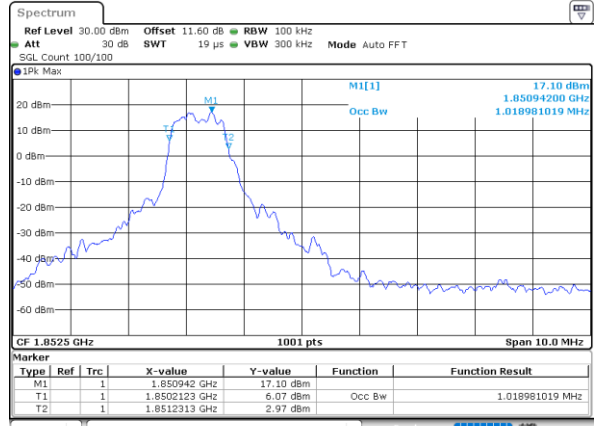
LTE Band 25

Lowest Channel / 5MHz / QPSK



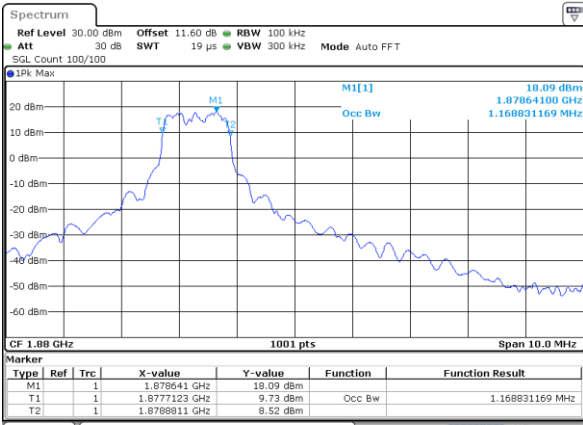
Date: 18_JUL.2020 17:40:13

Lowest Channel / 5MHz / 16QAM



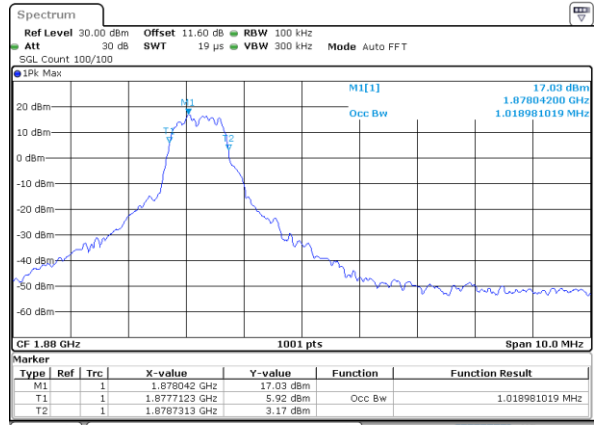
Date: 21_JUL.2020 14:23:15

Middle Channel / 5MHz / QPSK



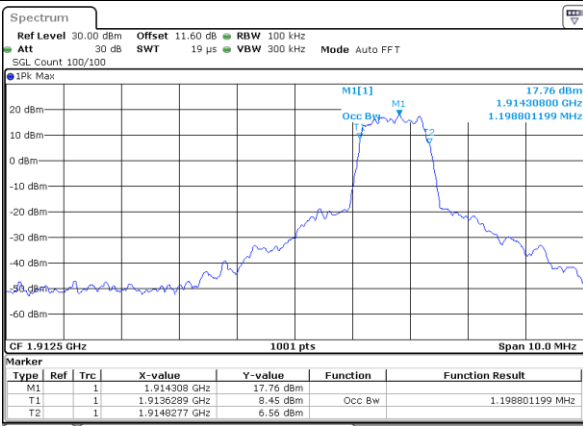
Date: 18_JUL.2020 17:47:37

Middle Channel / 5MHz / 16QAM



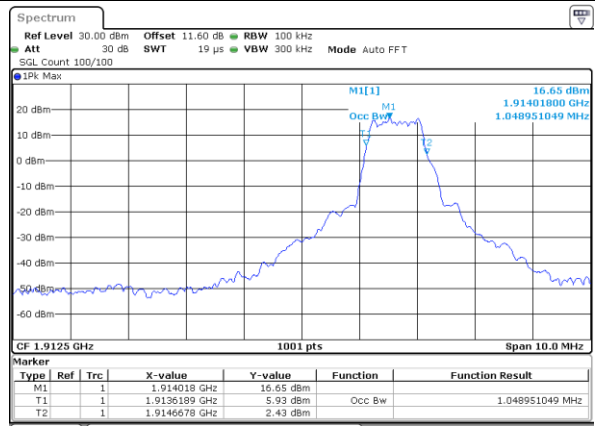
Date: 21_JUL.2020 14:23:30

Highest Channel / 5MHz / QPSK



Date: 18_JUL.2020 17:43:55

Highest Channel / 5MHz / 16QAM

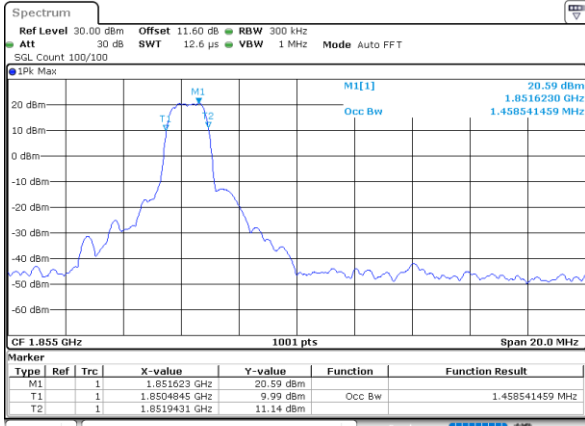


Date: 21_JUL.2020 14:23:59



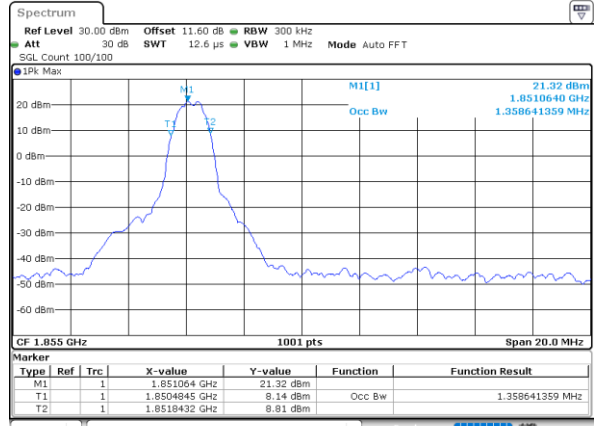
LTE Band 25

Lowest Channel / 10MHz / QPSK



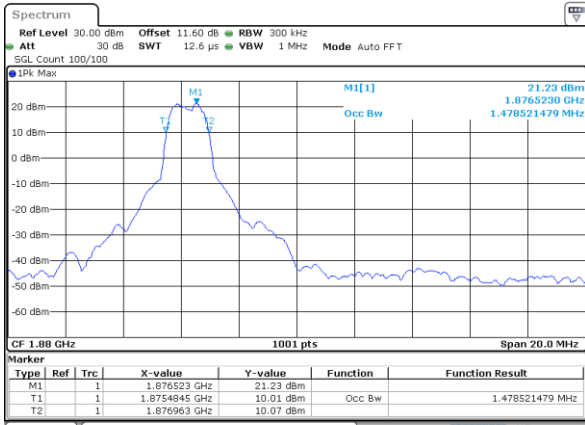
Date: 18_JUL_2020 17:50:52

Lowest Channel / 10MHz / 16QAM



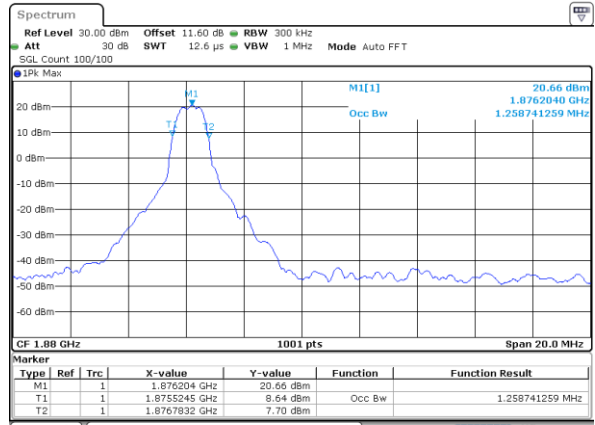
Date: 21_JUL_2020 14:04:24

Middle Channel / 10MHz / QPSK



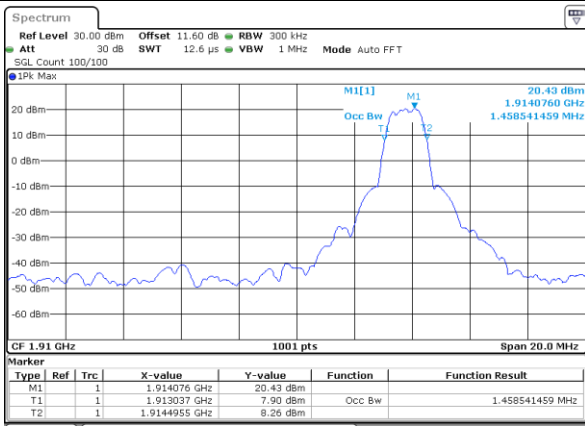
Date: 18_JUL_2020 17:48:50

Middle Channel / 10MHz / 16QAM



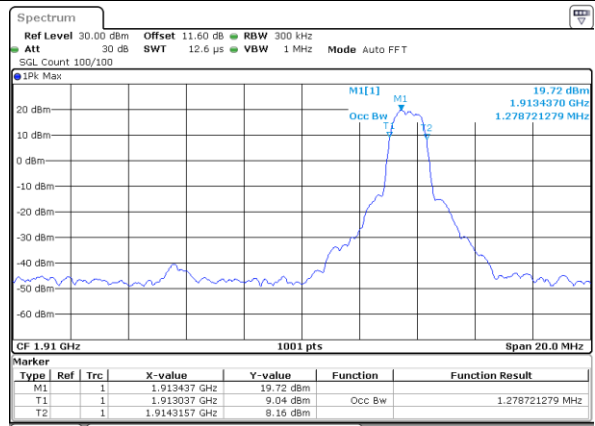
Date: 21_JUL_2020 14:03:57

Highest Channel / 10MHz / QPSK



Date: 18_JUL_2020 17:56:14

Highest Channel / 10MHz / 16QAM

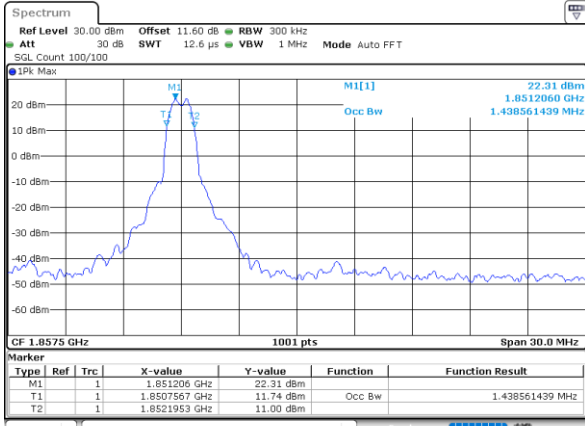


Date: 21_JUL_2020 14:04:59



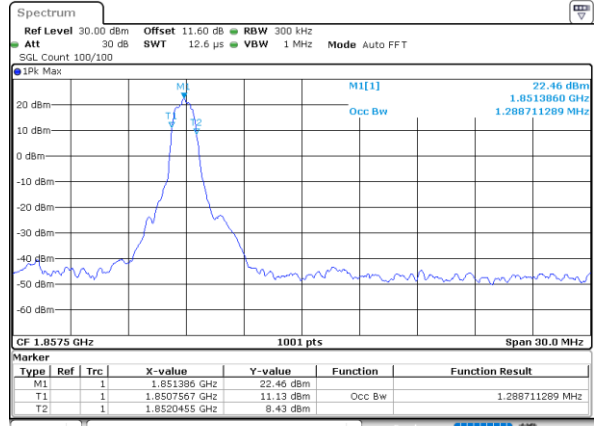
LTE Band 25

Lowest Channel / 15MHz / QPSK



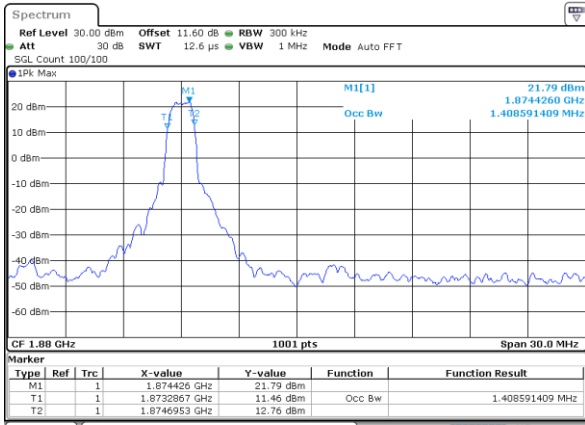
Date: 18_JUL.2020 18:35:34

Lowest Channel / 15MHz / 16QAM



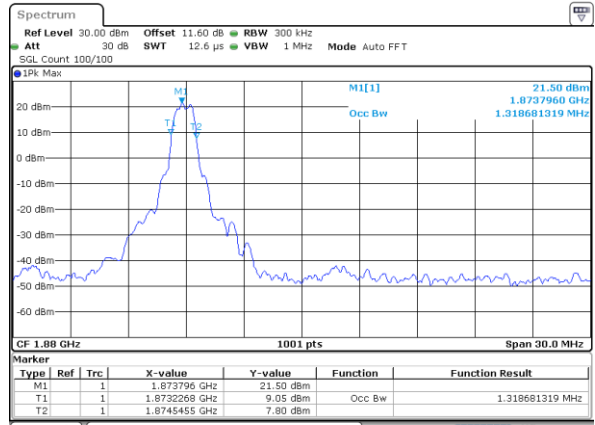
Date: 21_JUL.2020 14:26:44

Middle Channel / 15MHz / QPSK



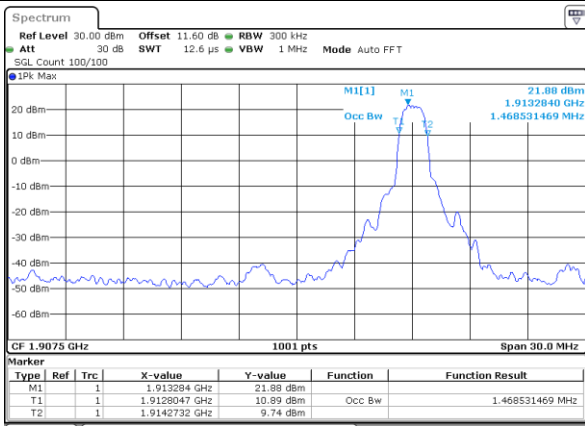
Date: 18_JUL.2020 18:32:11

Middle Channel / 15MHz / 16QAM



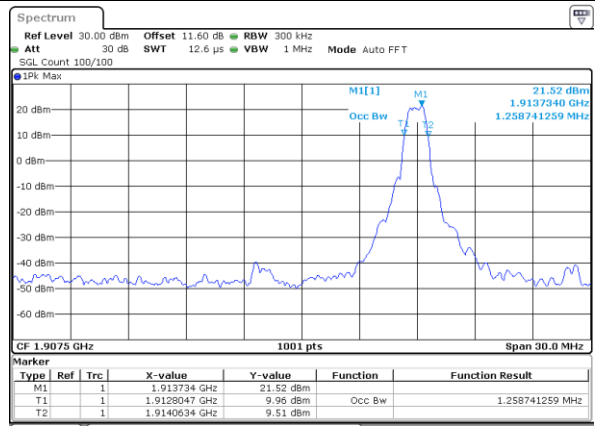
Date: 21_JUL.2020 14:26:14

Highest Channel / 15MHz / QPSK



Date: 18_JUL.2020 18:39:23

Highest Channel / 15MHz / 16QAM

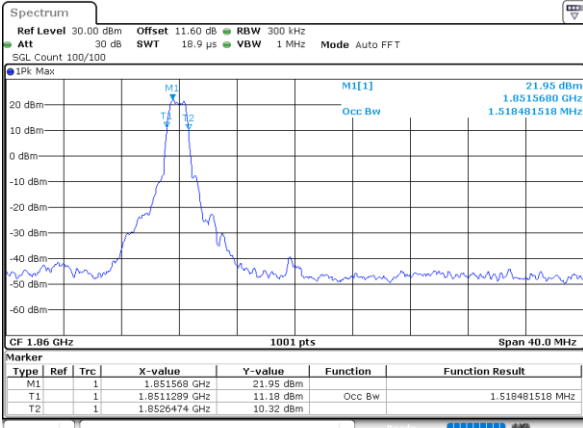


Date: 21_JUL.2020 14:27:20



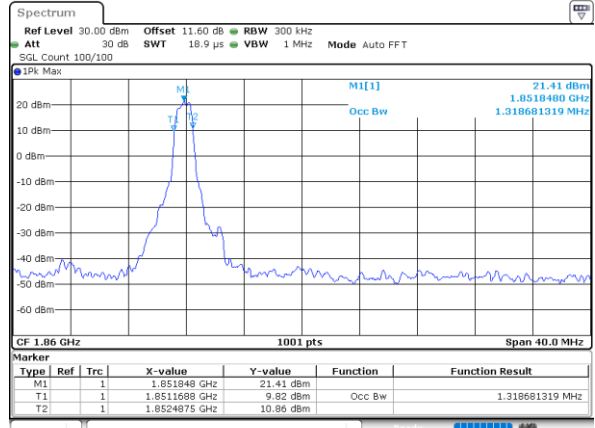
LTE Band 25

Lowest Channel / 20MHz / QPSK



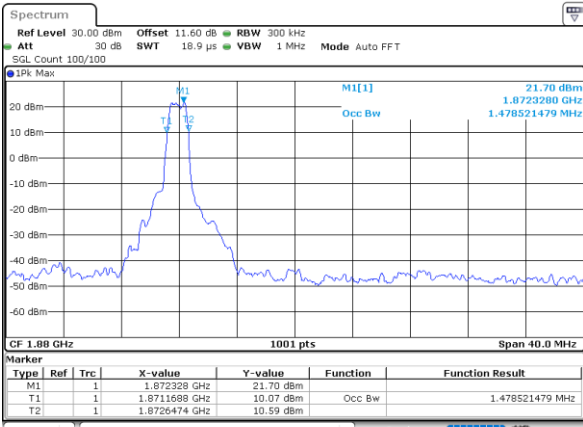
Date: 18_JUL.2020 18:49:28

Lowest Channel / 20MHz / 16QAM



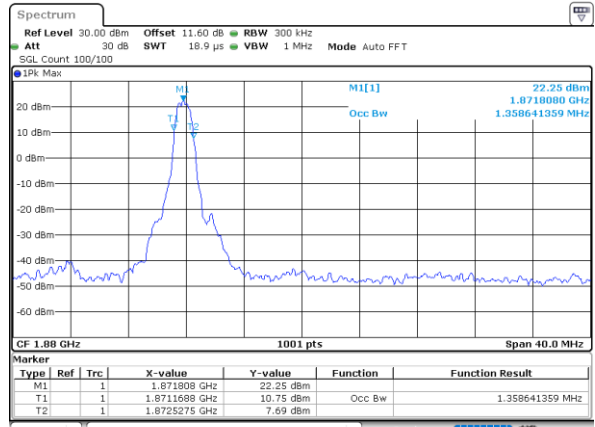
Date: 21_JUL.2020 14:30:58

Middle Channel / 20MHz / QPSK



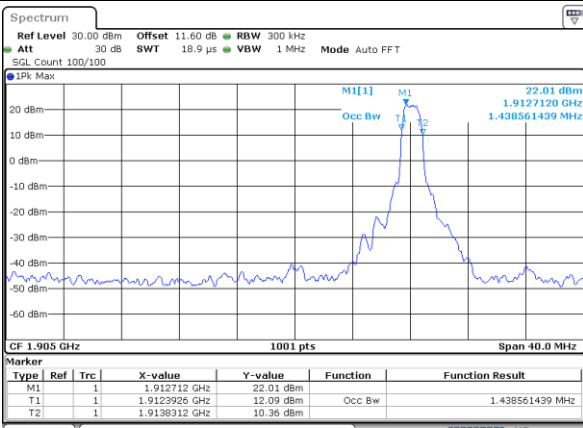
Date: 18_JUL.2020 18:46:41

Middle Channel / 20MHz / 16QAM



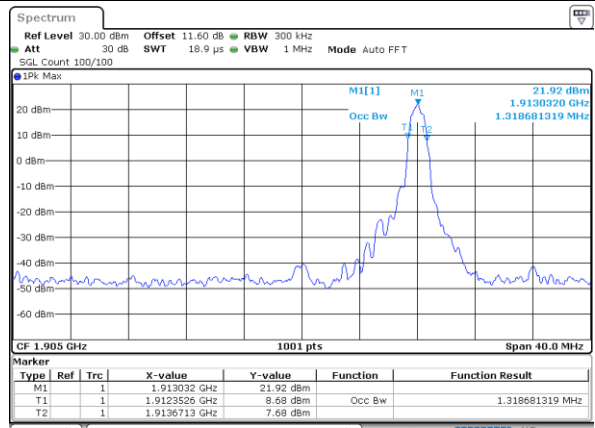
Date: 21_JUL.2020 14:30:03

Highest Channel / 20MHz / QPSK



Date: 18_JUL.2020 18:53:13

Highest Channel / 20MHz / 16QAM



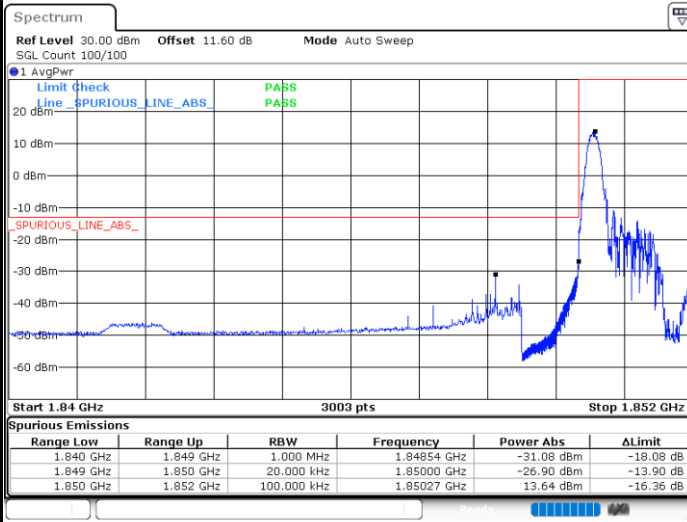
Date: 21_JUL.2020 14:32:03



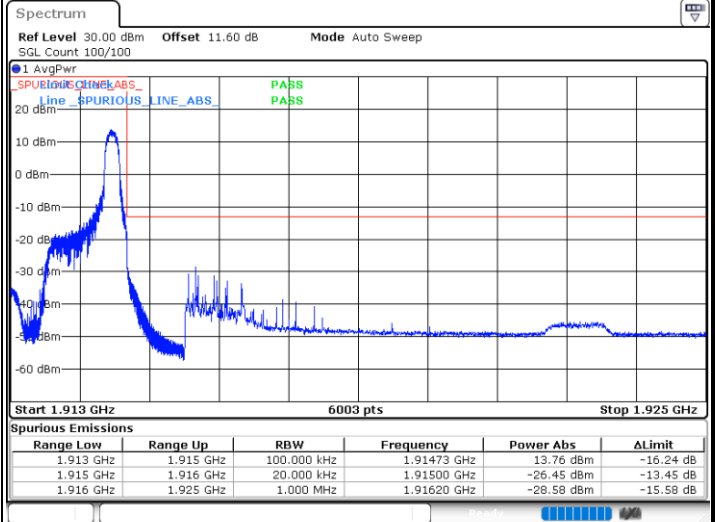
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

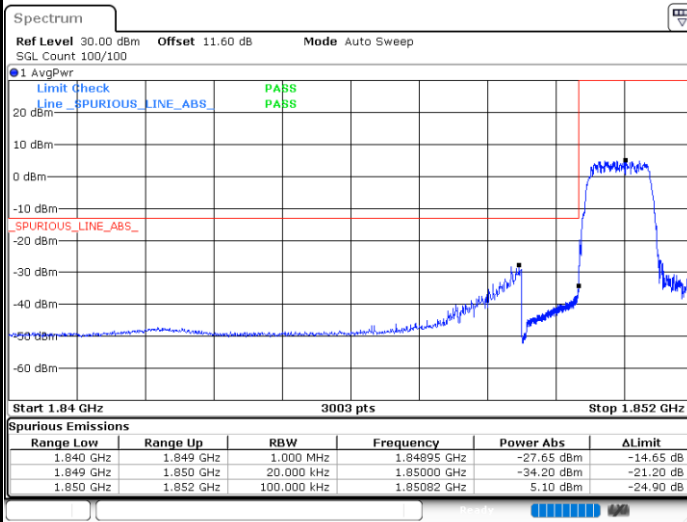
Lowest Band Edge / 1RB



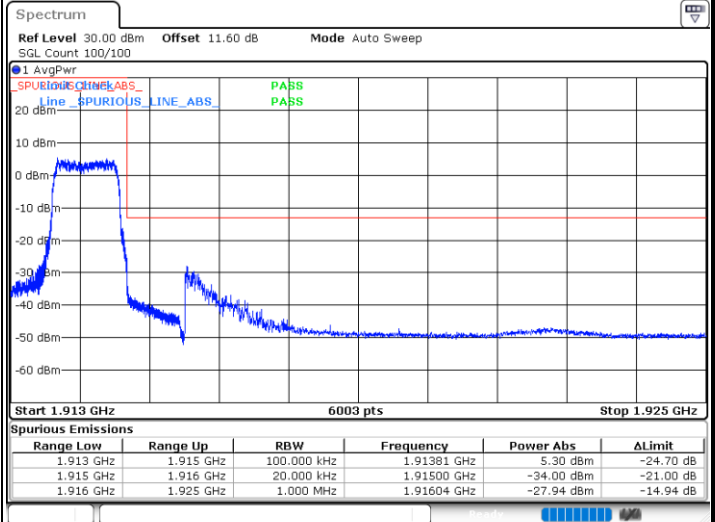
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



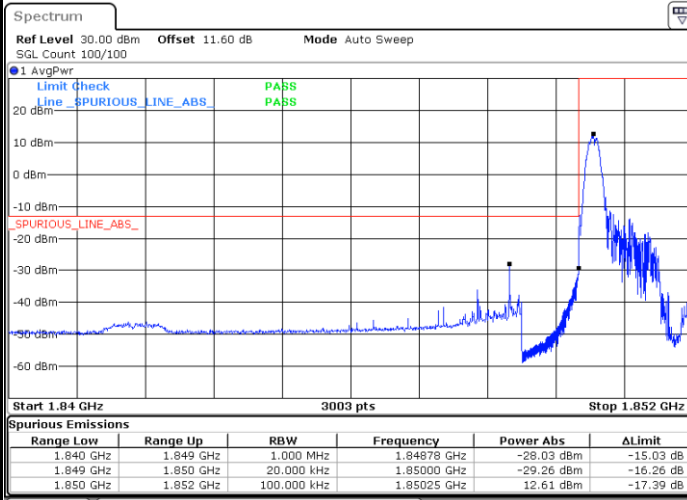
Highest Band Edge / Full RB





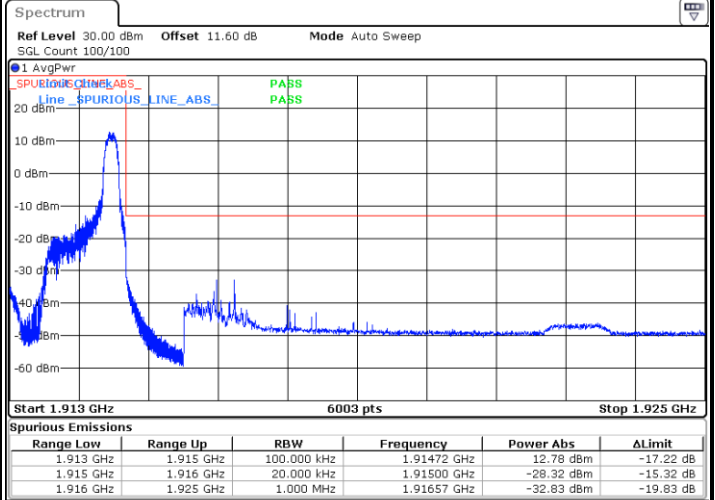
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



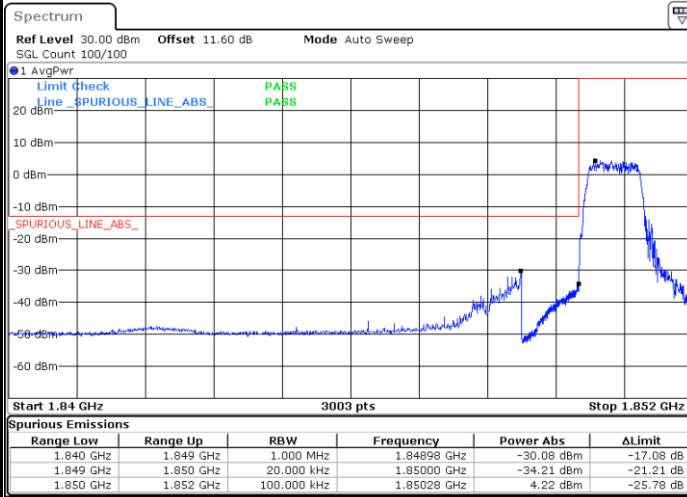
Date: 18.JUL.2020 17:11:40

Highest Band Edge / 1 RB



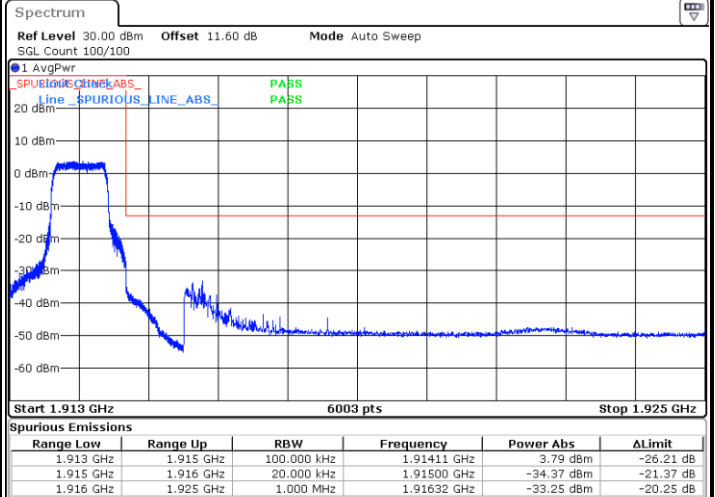
Date: 18.JUL.2020 17:20:26

Lowest Band Edge / Full RB



Date: 21.JUL.2020 14:09:16

Highest Band Edge / Full RB

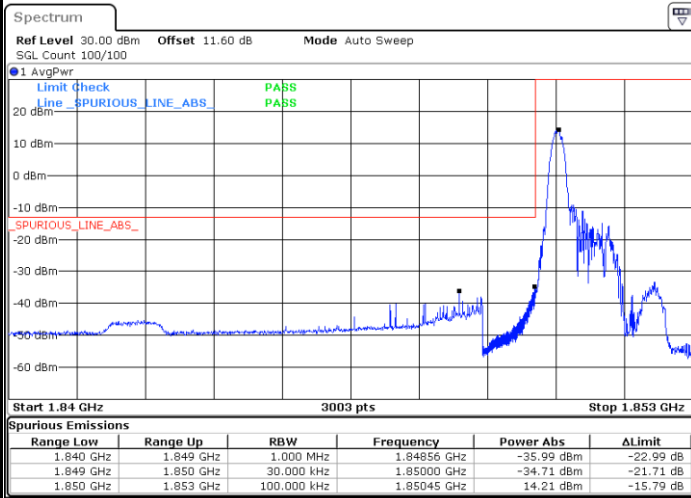


Date: 21.JUL.2020 14:15:33



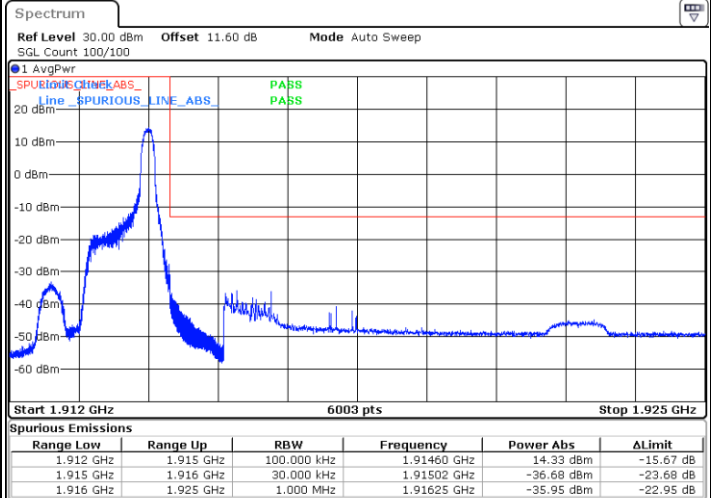
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



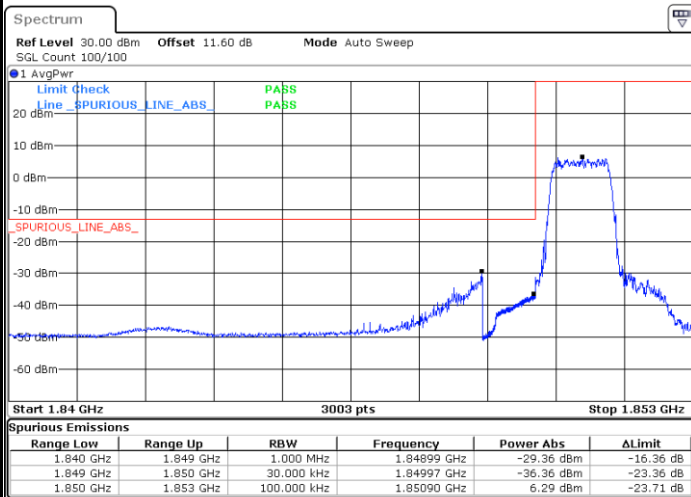
Date: 18.JUL.2020 17:27:27

Highest Band Edge / 1 RB



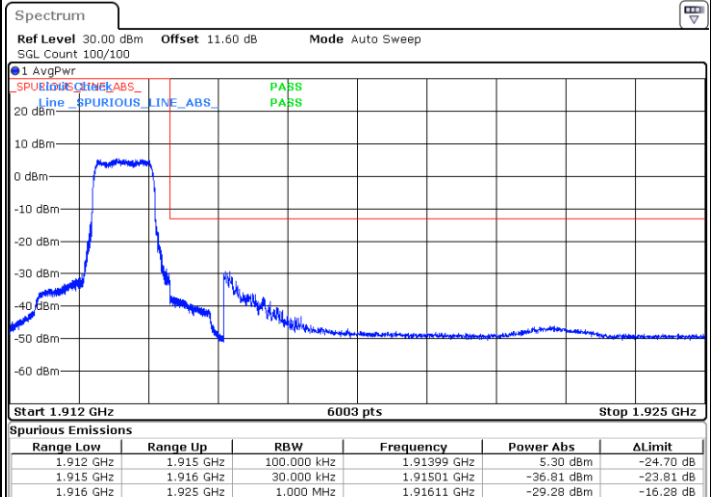
Date: 18.JUL.2020 17:34:09

Lowest Band Edge / Full RB



Date: 18.JUL.2020 17:26:31

Highest Band Edge / Full RB



Date: 18.JUL.2020 17:31:36