

**CA EIRP**

LTE Band 66 CA (GT - LC = -2.00 dB) QPSK			
Bandwidth	20M+20M		
Channel PCC	132072	132323	132374
	(Low)	(Mid)	(High)
Channel SCC	132270	132521	132572
	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.74	22.72	22.75
Conducted Power (Watts)	0.1879	0.1871	0.1884
EIRP(dBm)	20.74	20.72	20.75
EIRP(Watts)	0.1186	0.1180	0.1189

LTE Band 66 CA (GT - LC = -2.00 dB) 16QAM			
Bandwidth	20M+20M		
Channel PCC	132072	132323	132374
	(Low)	(Mid)	(High)
Channel SCC	132270	132521	132572
	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.68	21.71	21.62
Conducted Power (Watts)	0.1472	0.1483	0.1452
EIRP(dBm)	19.68	19.71	19.62
EIRP(Watts)	0.0929	0.0935	0.0916

LTE Band 66 CA (GT - LC = -2.00 dB) 64QAM			
Bandwidth	20M+20M		
Channel PCC	132072	132323	132374
	(Low)	(Mid)	(High)
Channel SCC	132270	132521	132572
	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.46	20.62	20.49
Conducted Power (Watts)	0.1112	0.1153	0.1119
EIRP(dBm)	18.46	18.62	18.49
EIRP(Watts)	0.0701	0.0728	0.0706



LTE Band 2

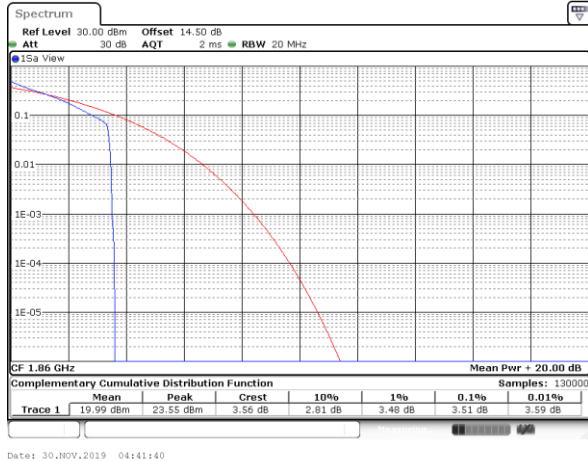
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.96	5.39	5.88	PASS
Middle CH	3.54	5.04	5.25	5.88	
Highest CH	3.48	4.90	5.19	5.77	
Mode	LTE Band 2 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.19	5.86	-	-	PASS
Middle CH	5.57	5.91	-	-	
Highest CH	5.39	5.83	-	-	

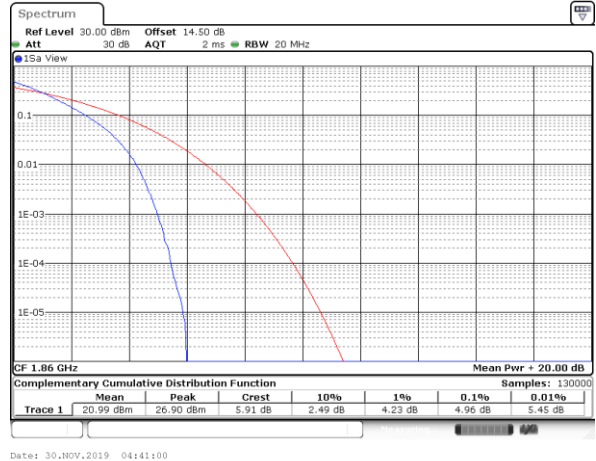


LTE Band 2 / 20MHz / QPSK

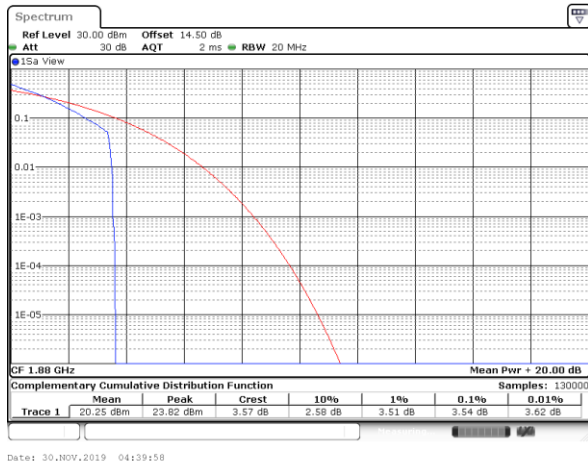
Lowest Channel / 1RB



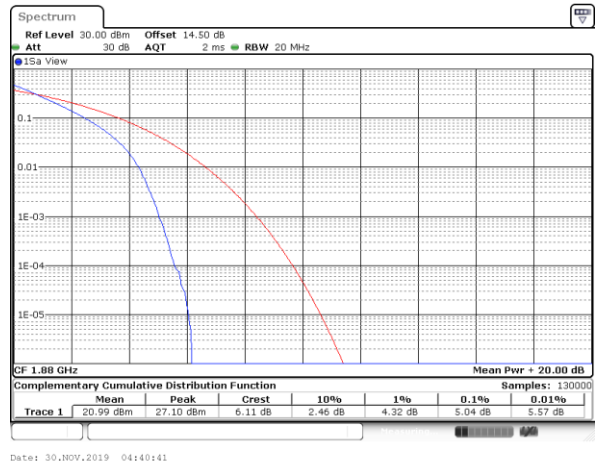
Lowest Channel / Full RB



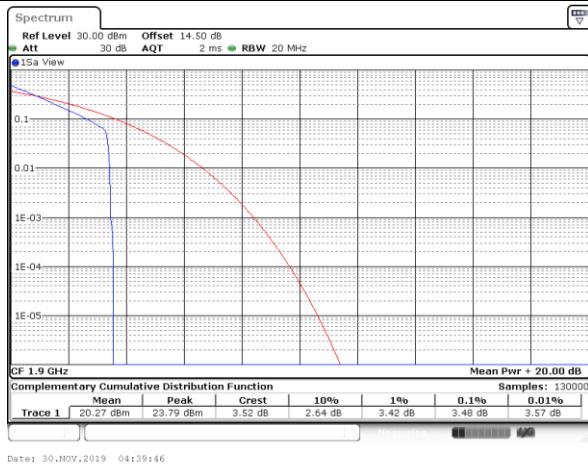
Middle Channel / 1RB



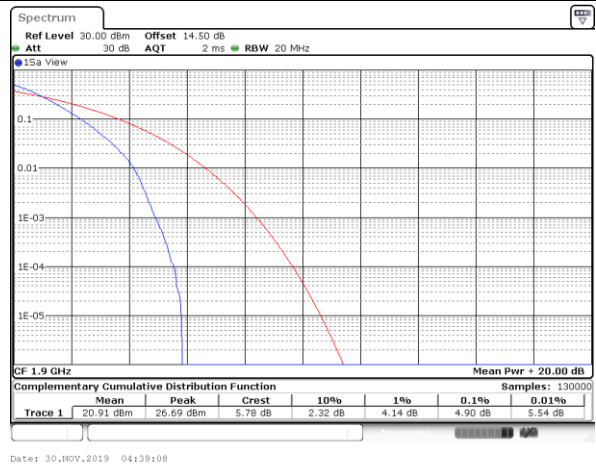
Middle Channel / Full RB



Highest Channel / 1RB



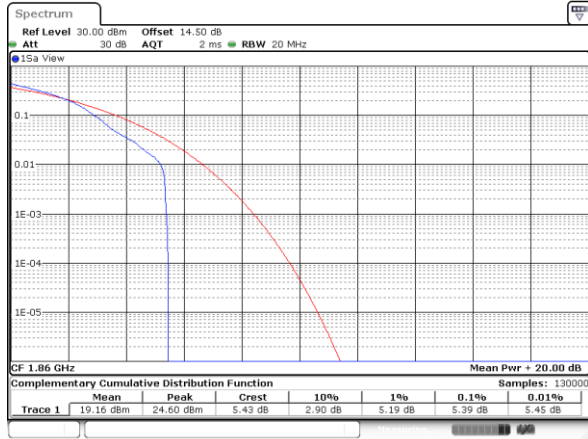
Highest Channel / Full RB



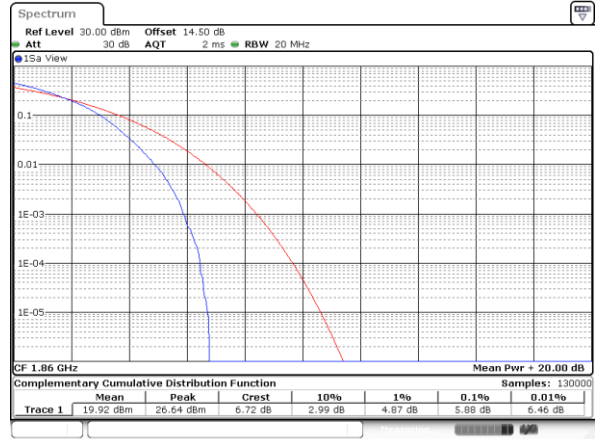


LTE Band 2 / 20MHz / 16QAM

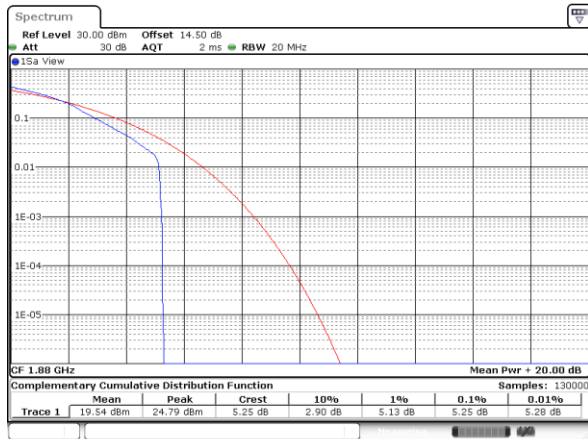
Lowest Channel / 1RB



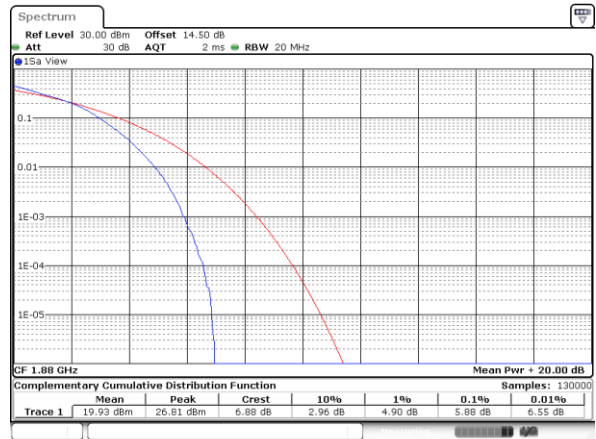
Lowest Channel / Full RB



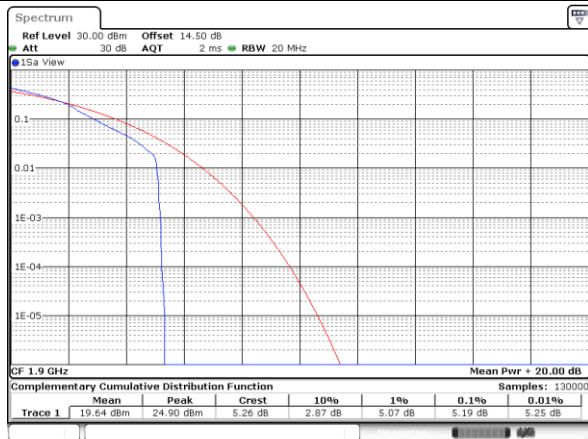
Middle Channel / 1RB



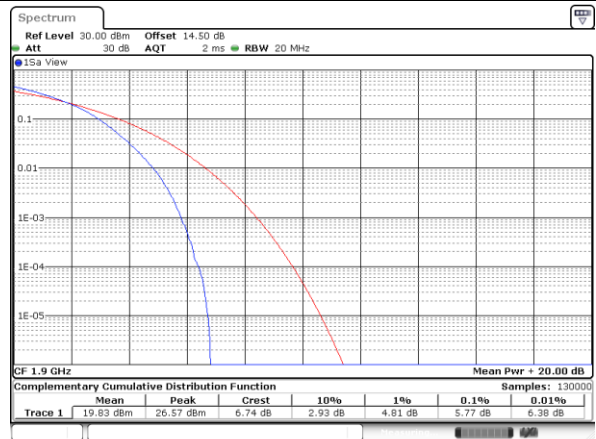
Middle Channel / Full RB



Highest Channel / 1RB



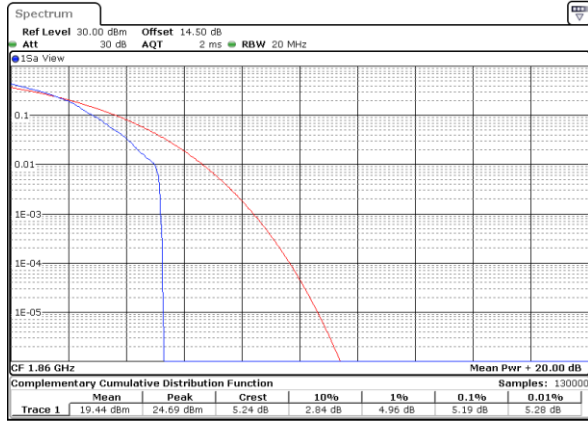
Highest Channel / Full RB



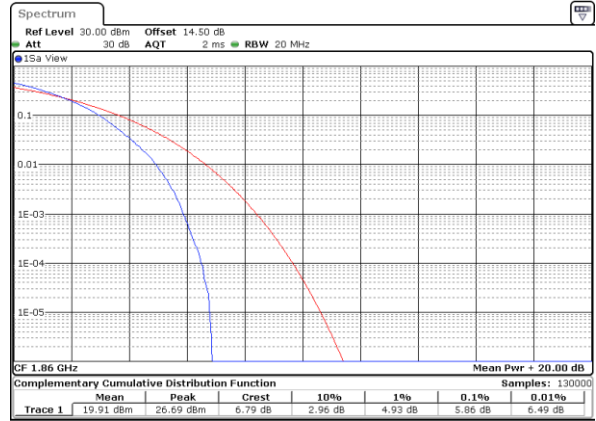


LTE Band 2 / 20MHz / 64QAM

Lowest Channel / 1RB



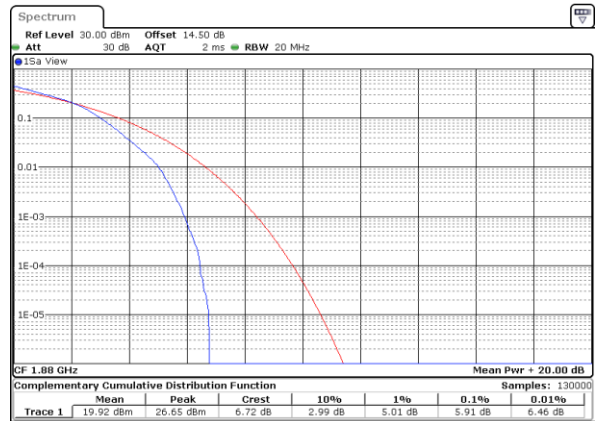
Lowest Channel / Full RB



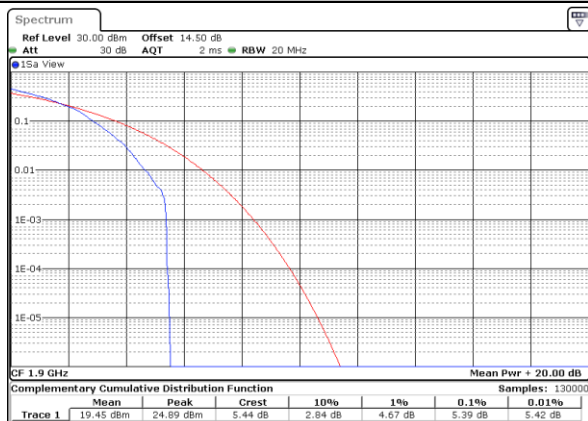
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



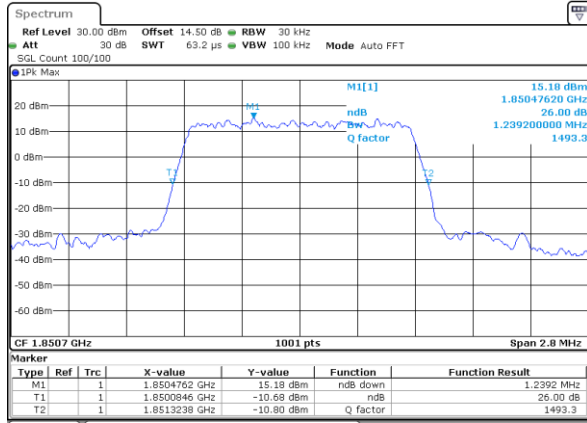
**26dB Bandwidth**

Mode	LTE Band 2 : 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	1.24	1.22	3.00	3.01	4.92	4.99	9.79	9.83	14.57	14.60	19.14	19.10
Middle CH	1.23	1.23	3.03	2.98	4.96	4.77	9.75	9.69	14.39	14.42	19.18	19.10
Highest CH	1.23	1.23	3.06	3.06	4.87	4.91	9.65	9.75	14.75	14.54	19.22	18.94
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.21	-	3.01	-	4.94	-	9.67	-	14.27	-	18.70	-
Middle CH	1.24	-	3.01	-	4.87	-	9.61	-	14.36	-	18.70	-
Highest CH	1.24	-	3.03	-	4.87	-	9.91	-	14.30	-	19.18	-



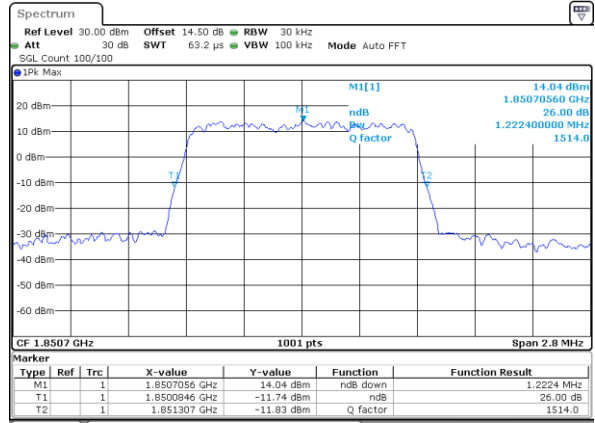
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



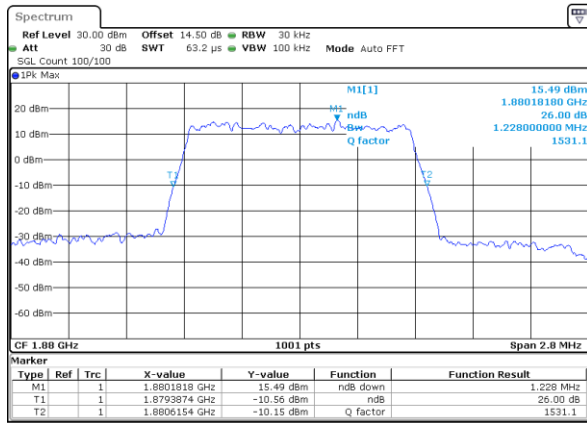
Date: 30,NOV,2019 05:22:48

Lowest Channel / 1.4MHz / 16QAM



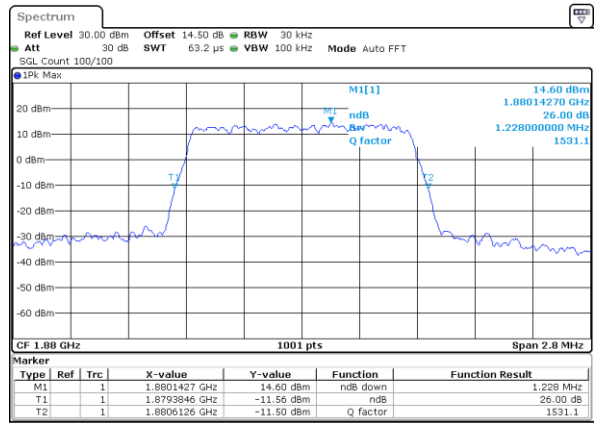
Date: 30,NOV,2019 05:22:59

Middle Channel / 1.4MHz / QPSK



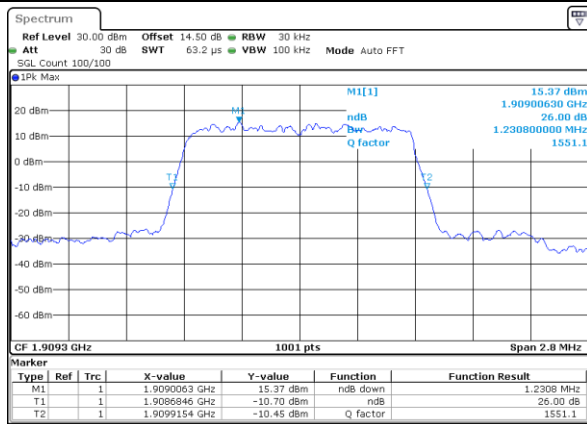
Date: 30,NOV,2019 05:24:57

Middle Channel / 1.4MHz / 16QAM



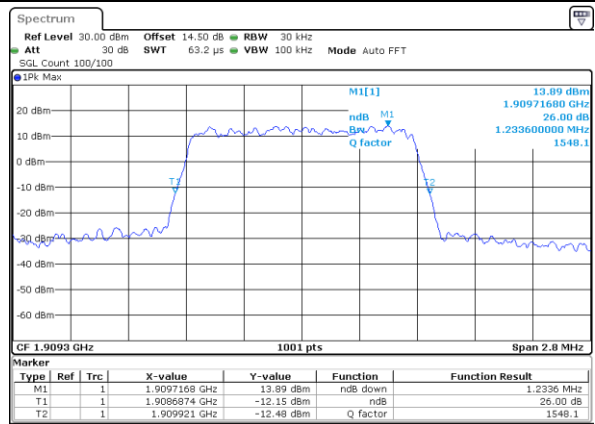
Date: 30,NOV,2019 05:25:08

Highest Channel / 1.4MHz / QPSK



Date: 30,NOV,2019 05:27:05

Highest Channel / 1.4MHz / 16QAM

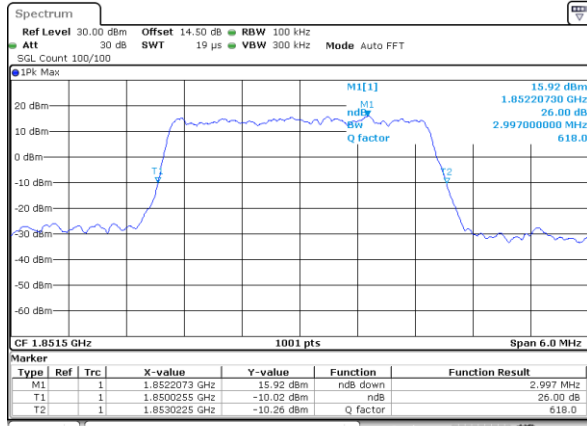


Date: 30,NOV,2019 05:27:16



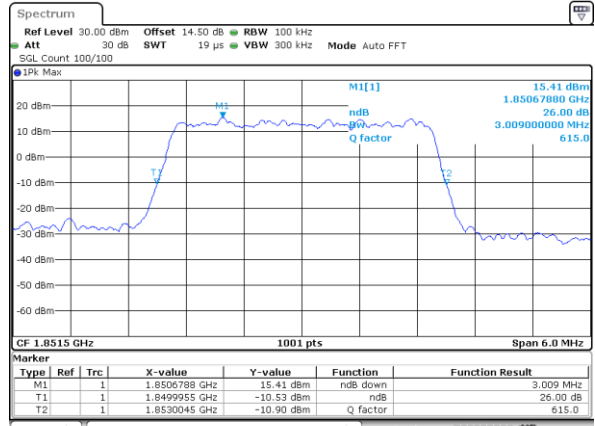
LTE Band 2

Lowest Channel / 3MHz / QPSK



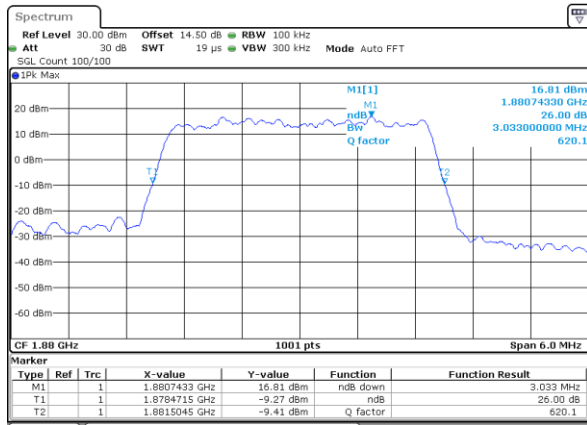
Date: 30,NOV,2019 04:57:01

Lowest Channel / 3MHz / 16QAM



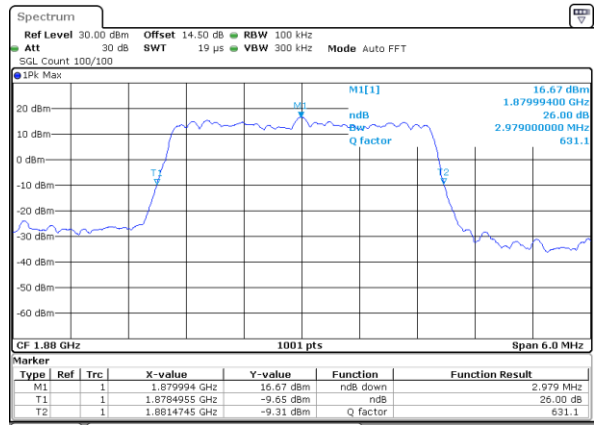
Date: 30,NOV,2019 04:57:12

Middle Channel / 3MHz / QPSK



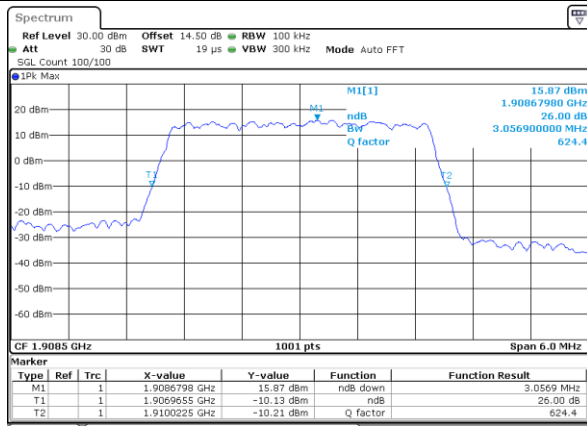
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Middle Channel / 3MHz / 16QAM



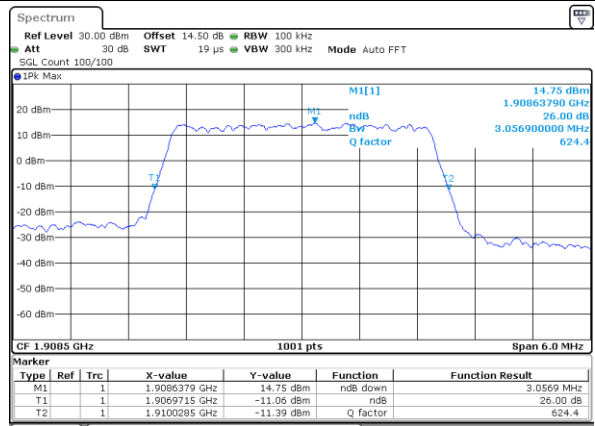
Date: 30,NOV,2019 04:59:21

Highest Channel / 3MHz / QPSK



Date: 30,NOV,2019 05:01:19

Highest Channel / 3MHz / 16QAM

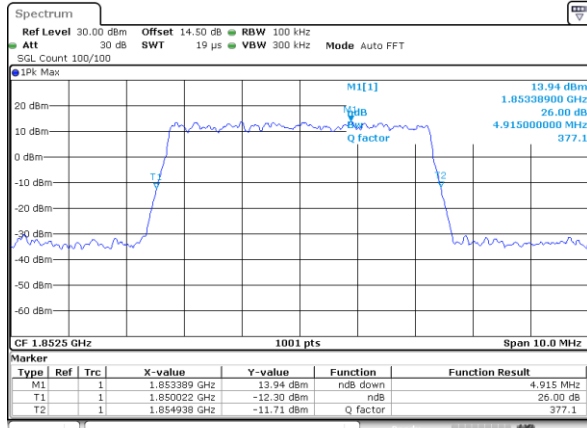


Date: 30,NOV,2019 05:01:30

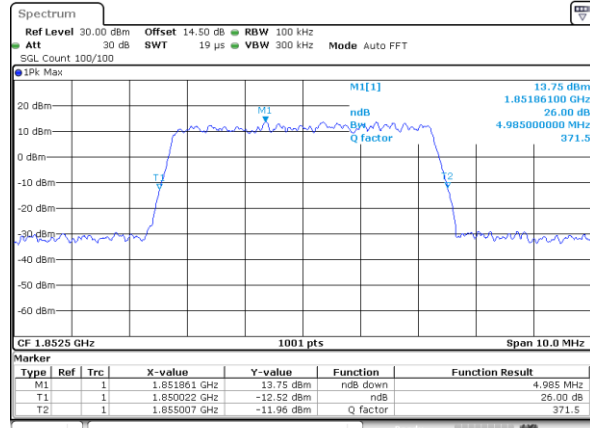


LTE Band 2

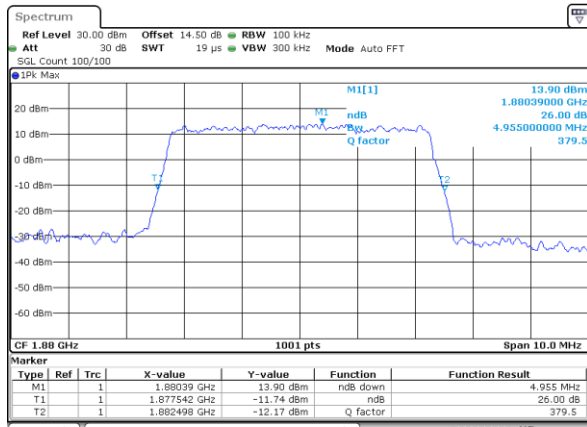
Lowest Channel / 5MHz / QPSK



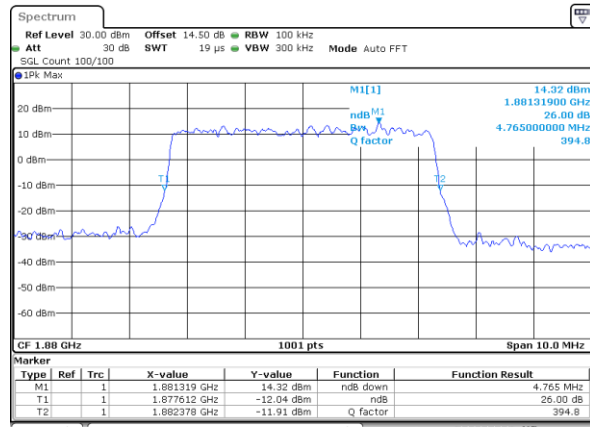
Lowest Channel / 5MHz / 16QAM



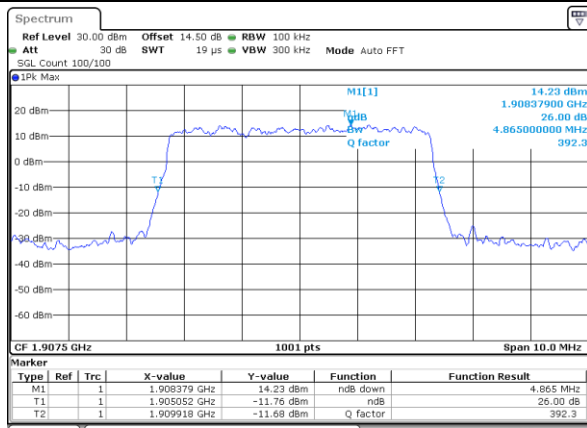
Middle Channel / 5MHz / QPSK



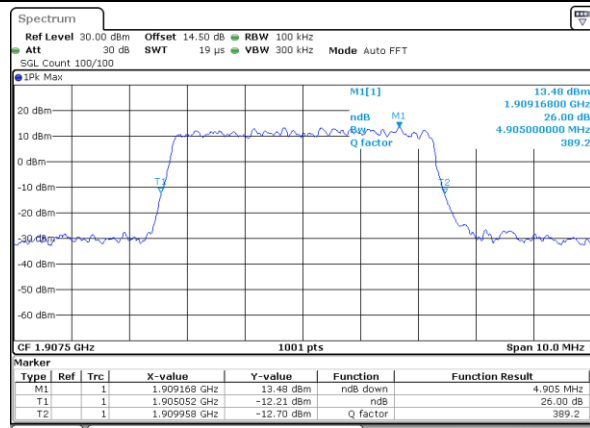
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



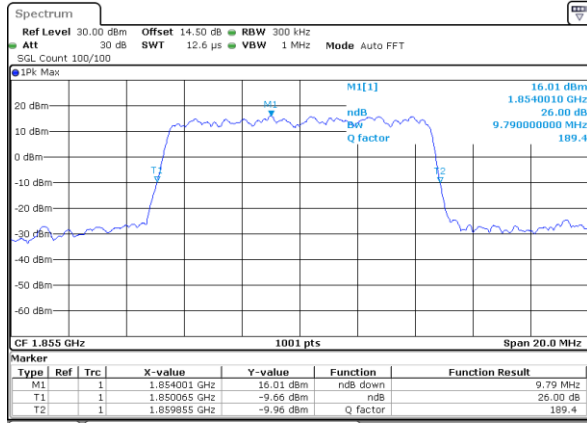
Highest Channel / 5MHz / 16QAM





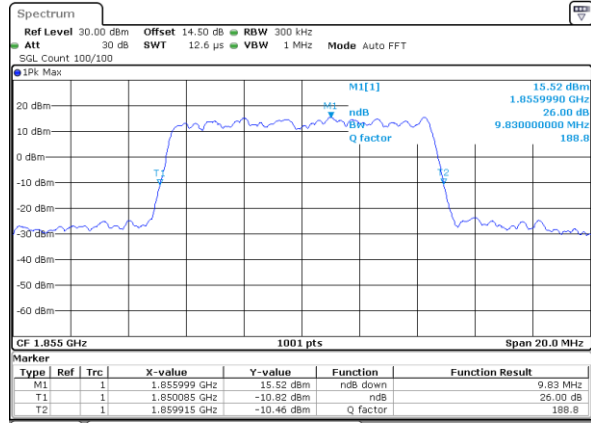
LTE Band 2

Lowest Channel / 10MHz / QPSK



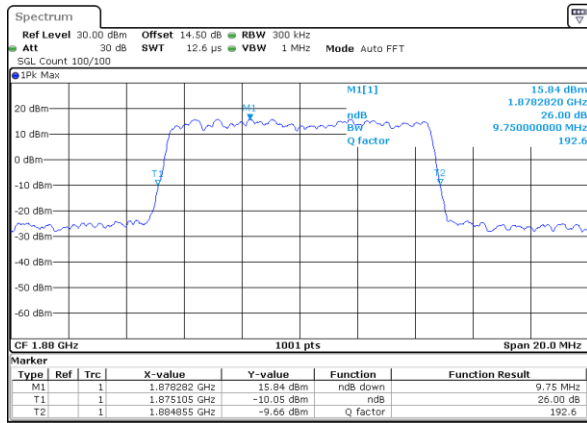
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Lowest Channel / 10MHz / 16QAM



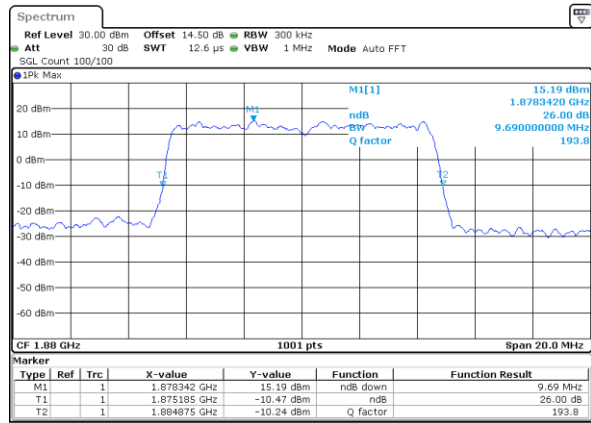
Date: 30,NOV,2019 05:10:06

Middle Channel / 10MHz / QPSK



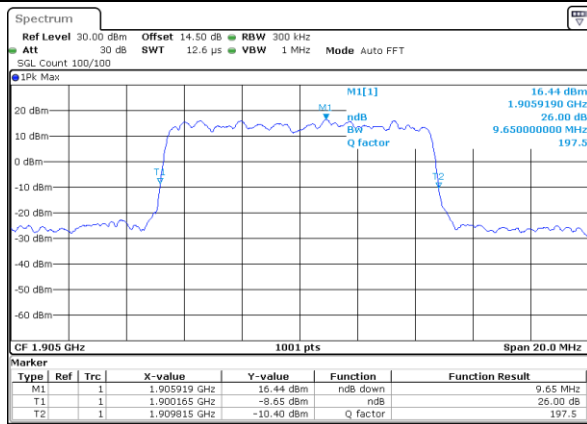
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Middle Channel / 10MHz / 16QAM



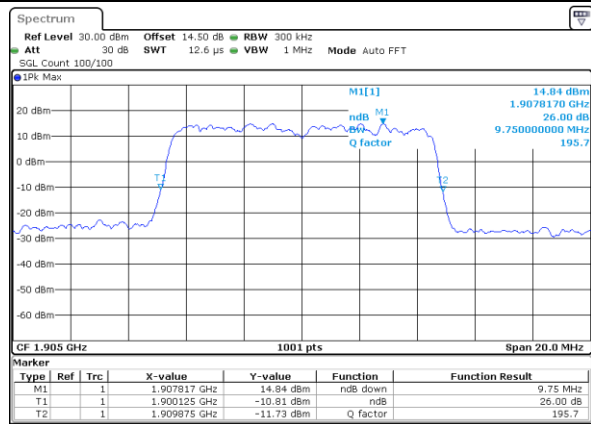
Date: 30,NOV,2019 05:12:14

Highest Channel / 10MHz / QPSK



Date: 30,NOV,2019 05:14:12

Highest Channel / 10MHz / 16QAM

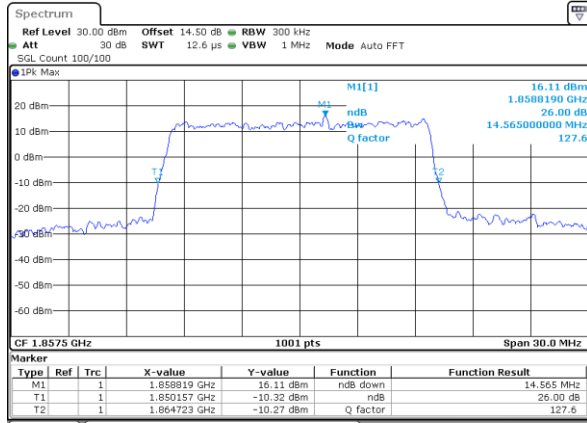


Date: 30,NOV,2019 05:14:24



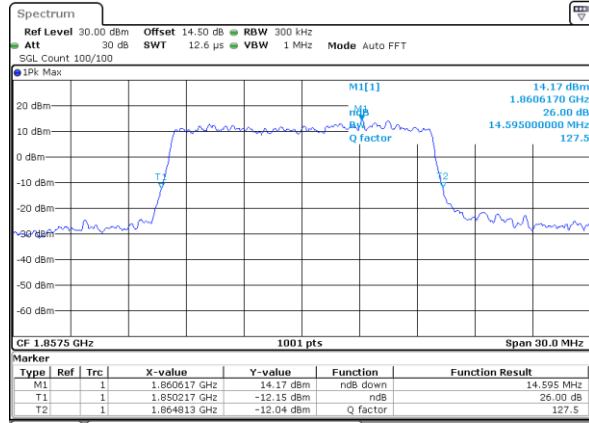
LTE Band 2

Lowest Channel / 15MHz / QPSK



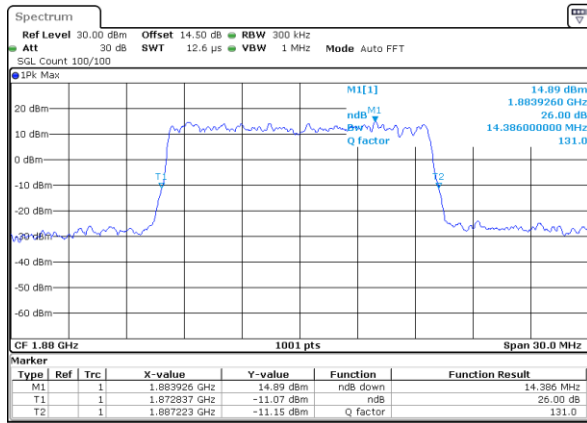
Date: 30,NOV,2019 05:16:21

Lowest Channel / 15MHz / 16QAM



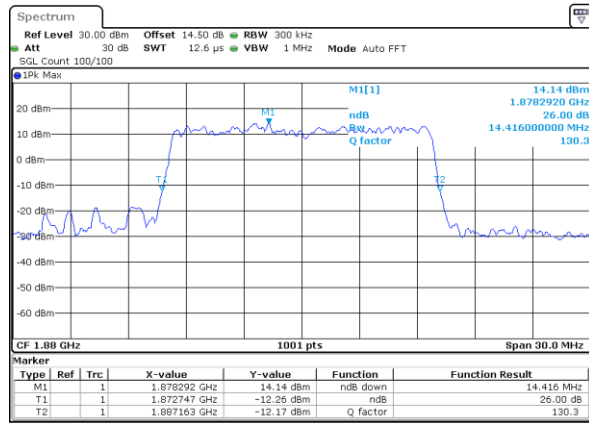
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Middle Channel / 15MHz / QPSK



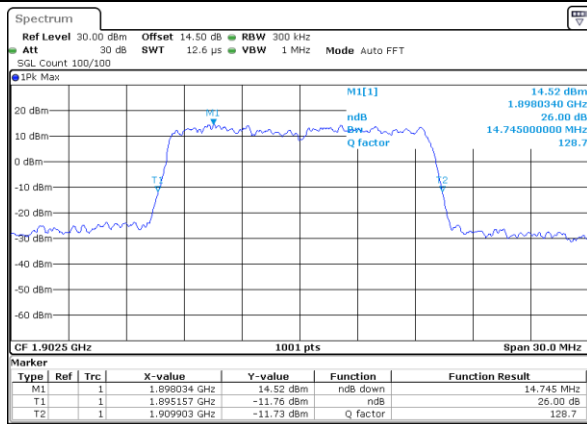
Date: 30,NOV,2019 05:18:30

Middle Channel / 15MHz / 16QAM



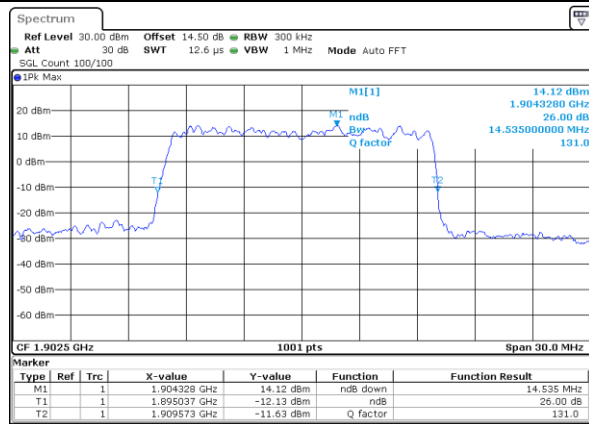
Date: 30,NOV,2019 05:18:41

Highest Channel / 15MHz / QPSK



Date: 30,NOV,2019 05:20:39

Highest Channel / 15MHz / 16QAM

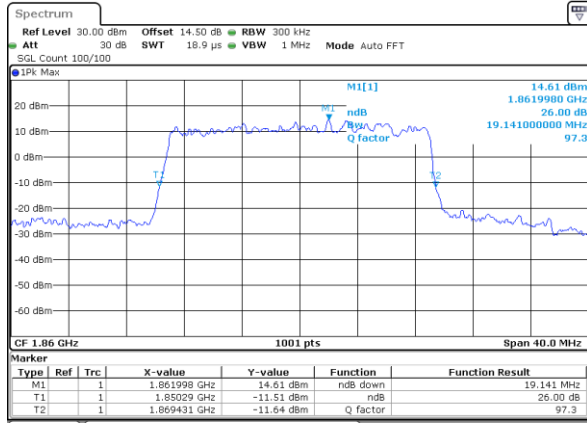


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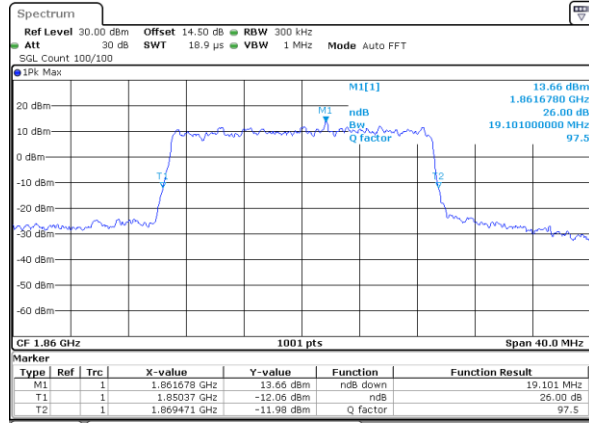
LTE Band 2

Lowest Channel / 20MHz / QPSK



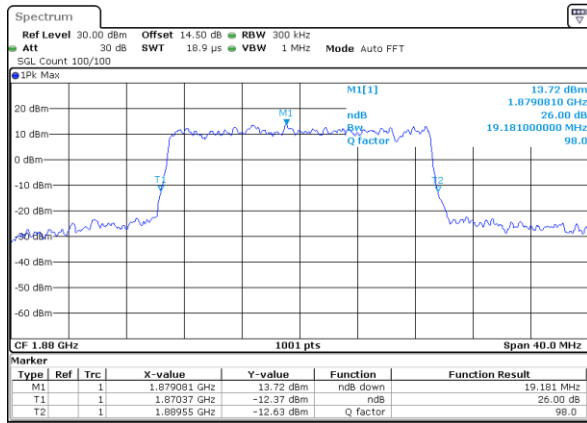
Date: 30,NOV,2019 04:51:31

Lowest Channel / 20MHz / 16QAM



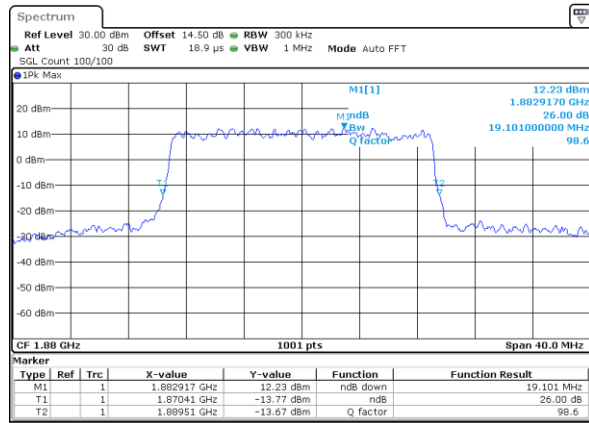
Date: 30,NOV,2019 04:52:22

Middle Channel / 20MHz / QPSK



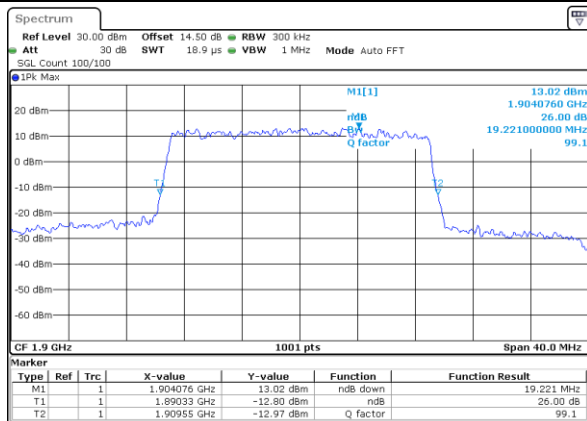
Date: 30,NOV,2019 04:56:58

Middle Channel / 20MHz / 16QAM



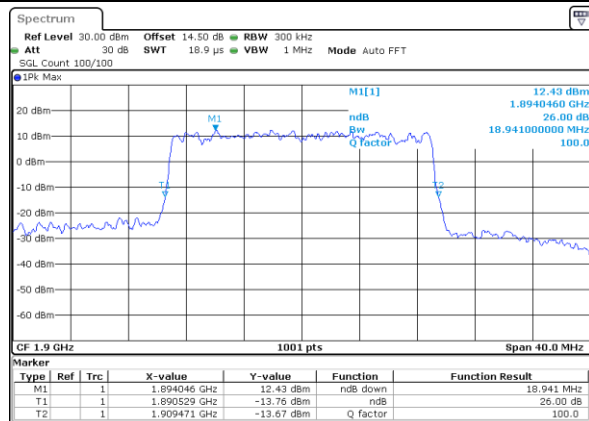
Date: 30,NOV,2019 04:50:31

Highest Channel / 20MHz / QPSK



Date: 30,NOV,2019 04:49:41

Highest Channel / 20MHz / 16QAM

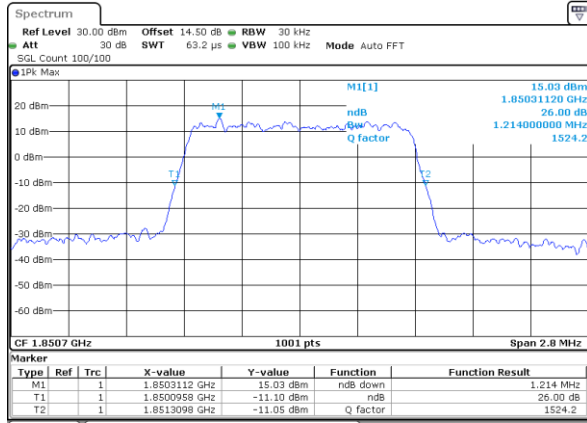


Date: 30,NOV,2019 04:50:07



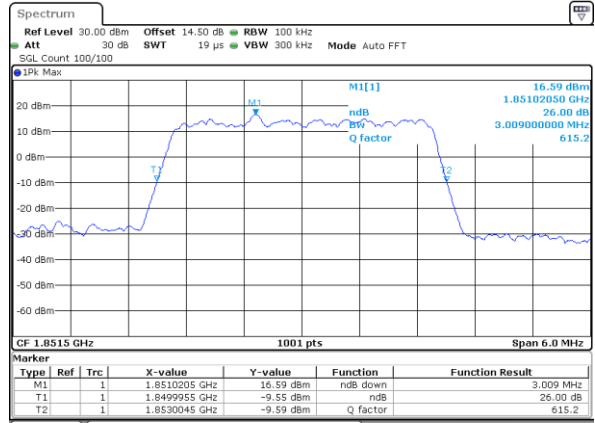
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



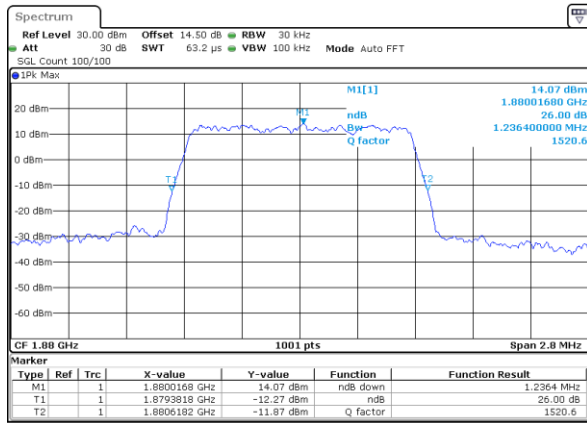
Date: 30,NOV,2019 04:22:22

Lowest Channel / 3MHz / 64QAM



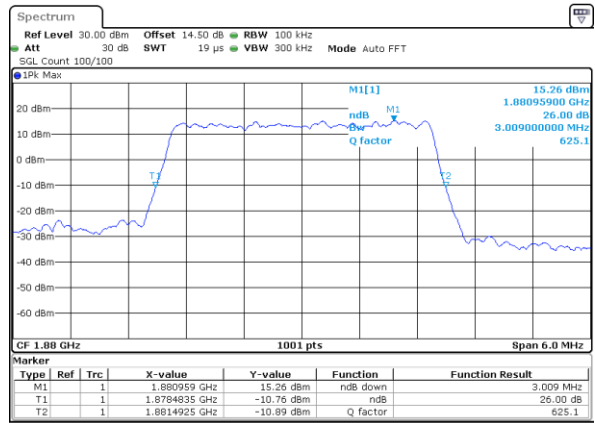
Date: 30,NOV,2019 03:18:53

Middle Channel / 1.4MHz / 64QAM



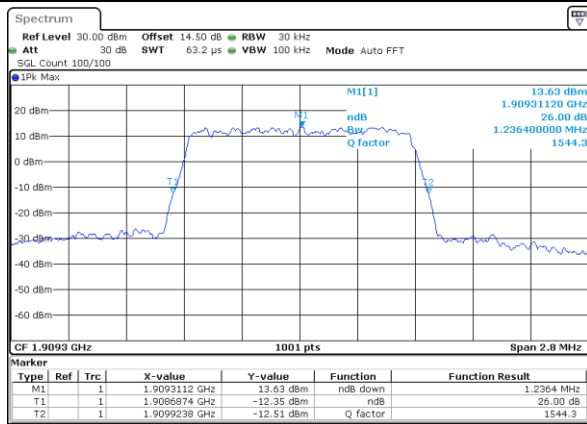
Date: 30,NOV,2019 04:38:02

Middle Channel / 3MHz / 64QAM



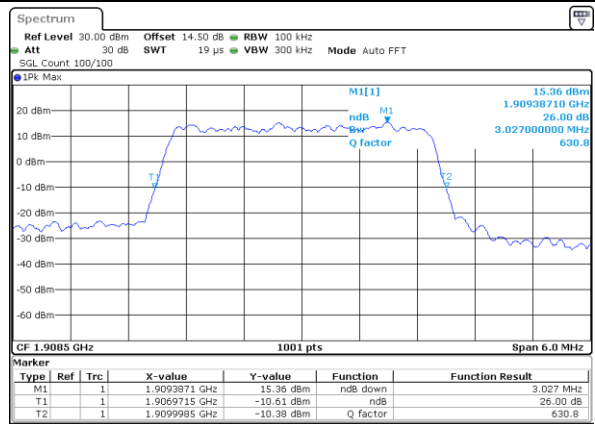
Date: 30,NOV,2019 03:42:46

Highest Channel / 1.4MHz / 64QAM



Date: 30,NOV,2019 04:31:30

Highest Channel / 3MHz / 64QAM

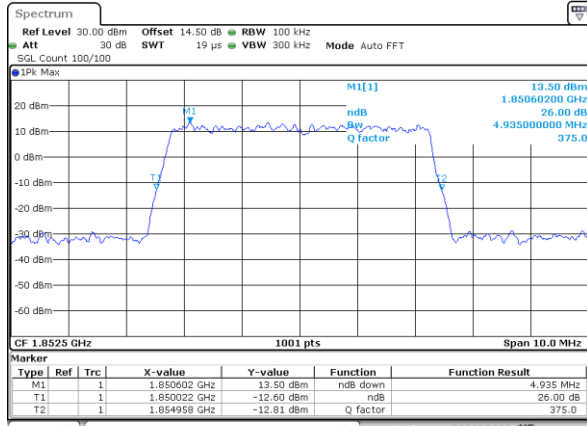


Date: 30,NOV,2019 03:43:50



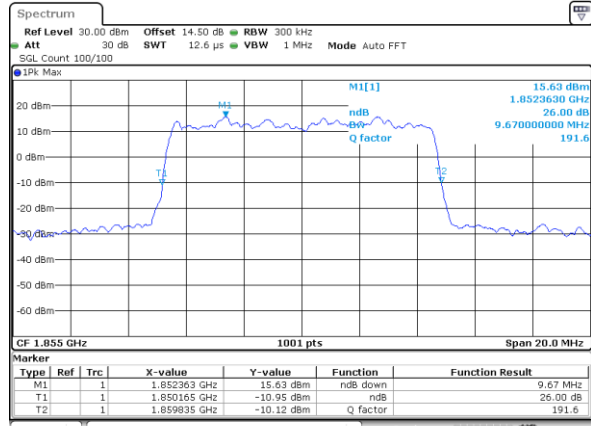
LTE Band 2

Lowest Channel / 5MHz / 64QAM



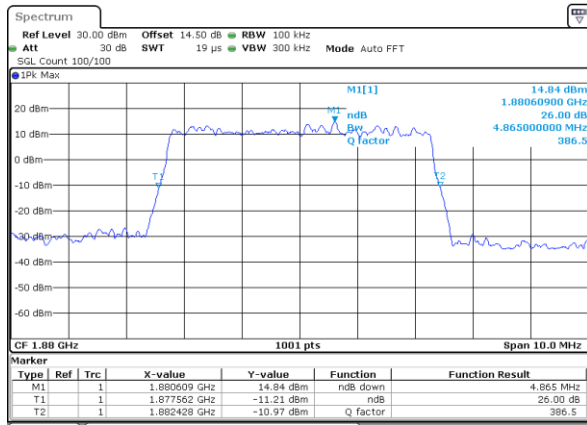
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Lowest Channel / 10MHz / 64QAM



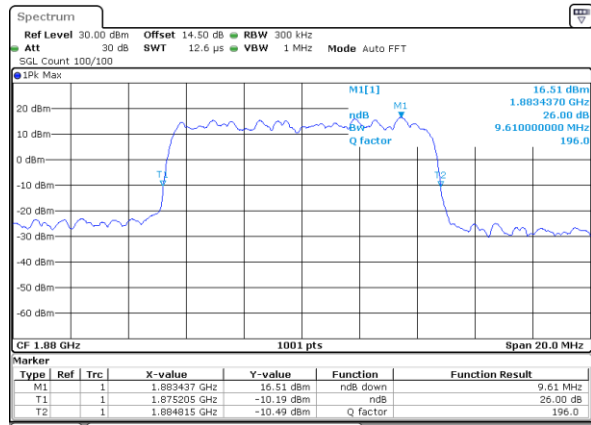
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Middle Channel / 5MHz / 64QAM



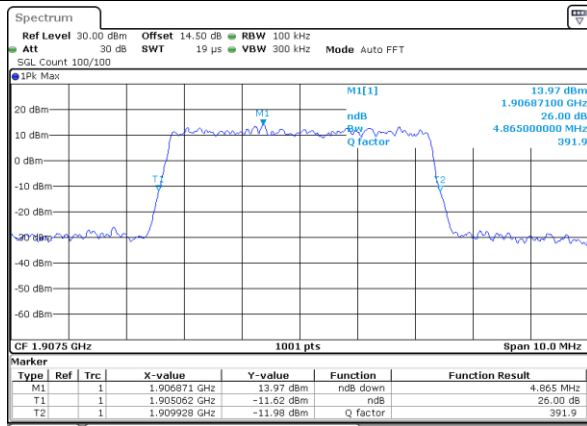
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Middle Channel / 10MHz / 64QAM



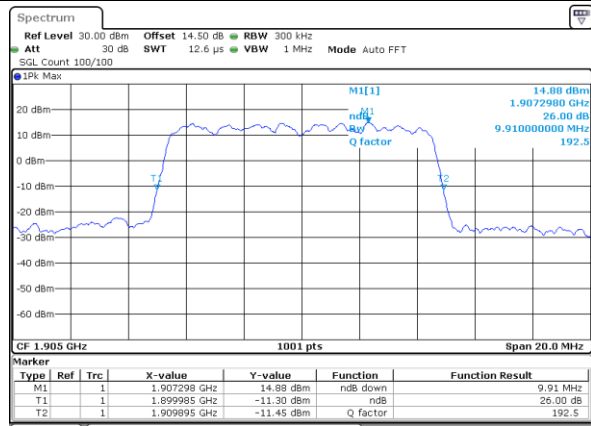
Date: 30,NOV,2019 04:00:39

Highest Channel / 5MHz / 64QAM



Date: 30,NOV,2019 03:54:29

Highest Channel / 10MHz / 64QAM

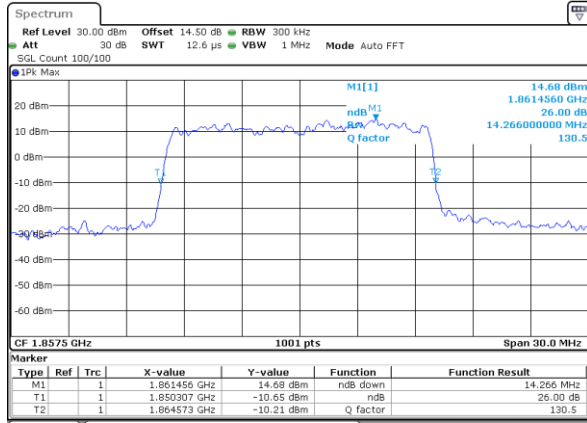


Date: 30,NOV,2019 04:01:43



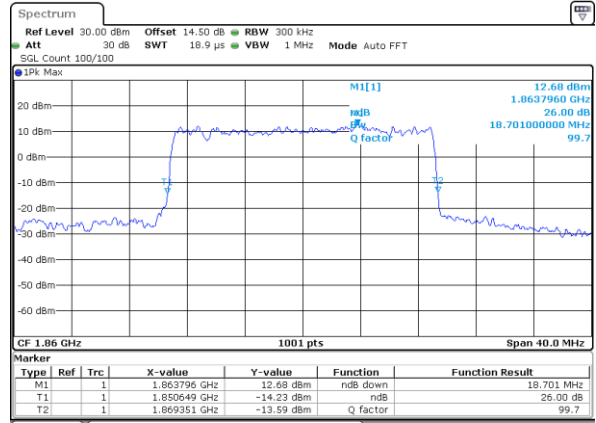
LTE Band 2

Lowest Channel / 15MHz / 64QAM



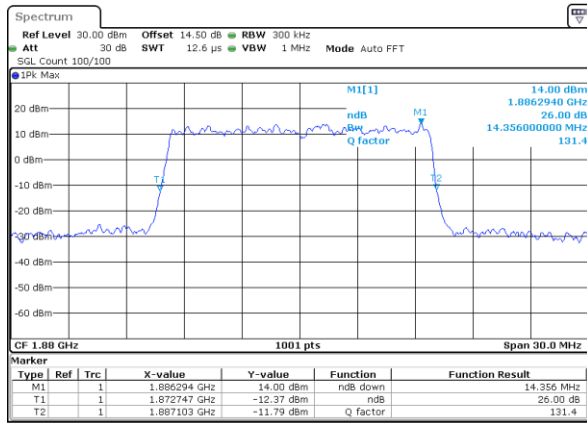
Date: 30,NOV,2019 04:04:40

Lowest Channel / 20MHz / 64QAM



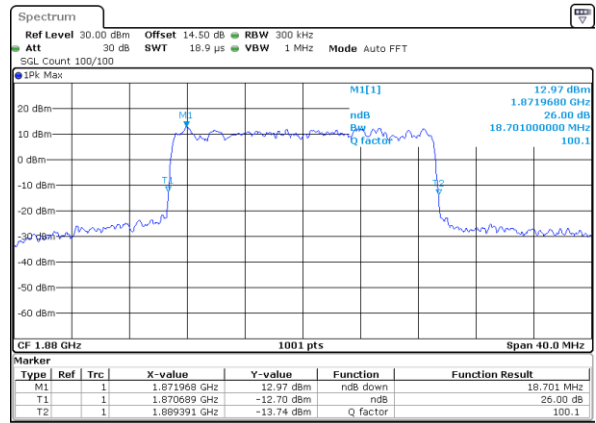
Date: 30,NOV,2019 04:14:45

Middle Channel / 15MHz / 64QAM



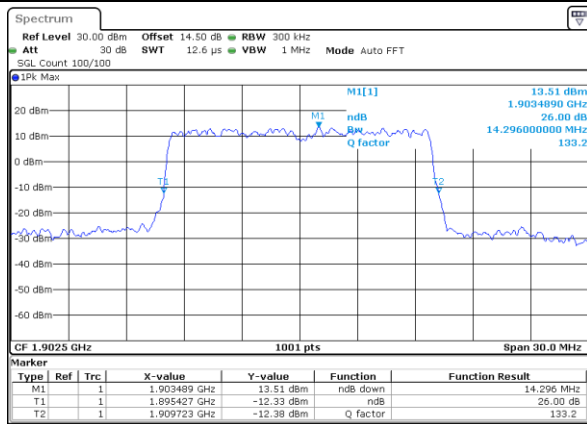
Date: 30,NOV,2019 04:16:36

Middle Channel / 20MHz / 64QAM



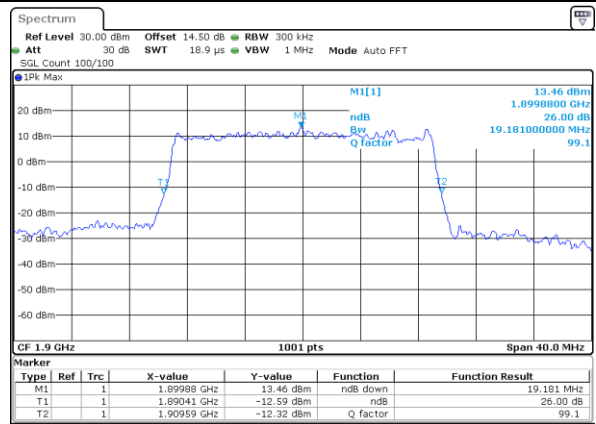
Date: 30,NOV,2019 04:17:50

Highest Channel / 15MHz / 64QAM



Date: 30,NOV,2019 04:11:40

Highest Channel / 20MHz / 64QAM



Date: 30,NOV,2019 04:18:54

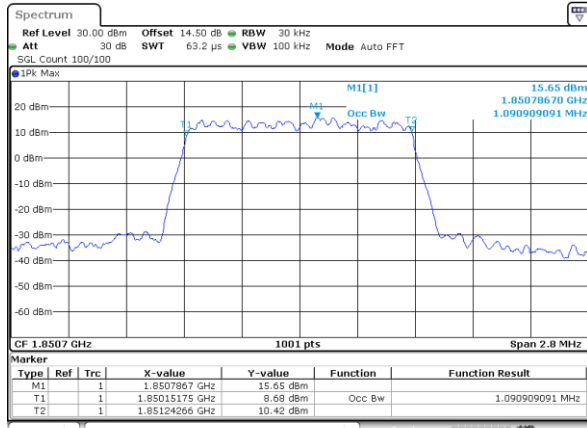
**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.70	4.50	4.48	9.07	8.99	13.46	13.40	17.90	17.90
Middle CH	1.09	1.09	2.72	2.72	4.51	4.50	9.05	9.03	13.46	13.46	17.90	17.90
Highest CH	1.08	1.09	2.73	2.71	4.51	4.50	9.03	9.11	13.46	13.46	17.90	17.90
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.49		9.05		13.55		17.86	
Middle CH	1.09		2.73		4.50		8.99		13.43		17.86	
Highest CH	1.09		2.72		4.47		9.01		13.46		17.74	

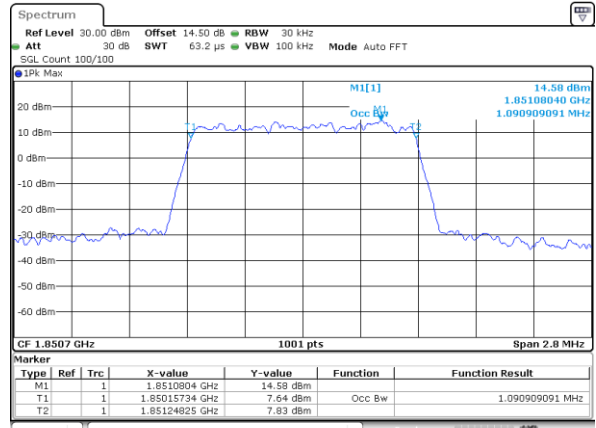


LTE Band 2

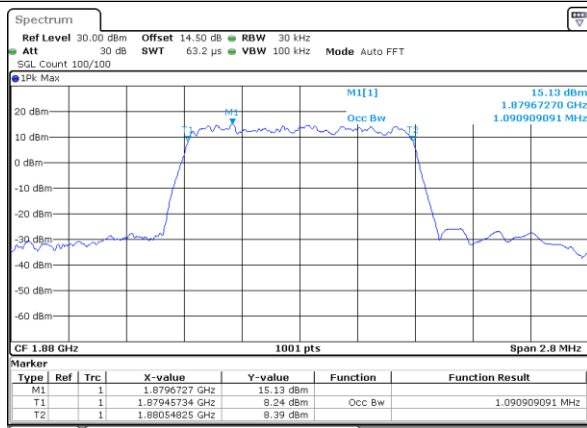
Lowest Channel / 1.4MHz / QPSK



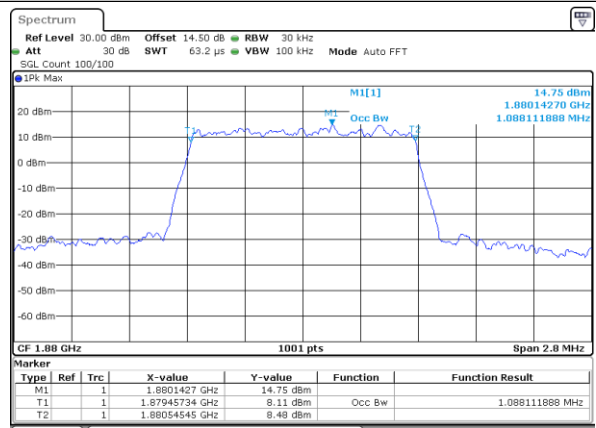
Lowest Channel / 1.4MHz / 16QAM



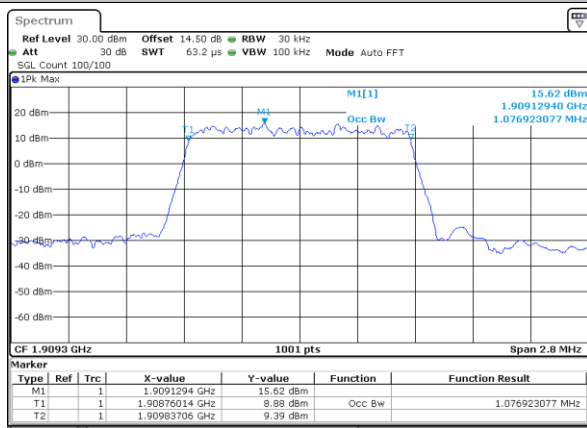
Middle Channel / 1.4MHz / QPSK



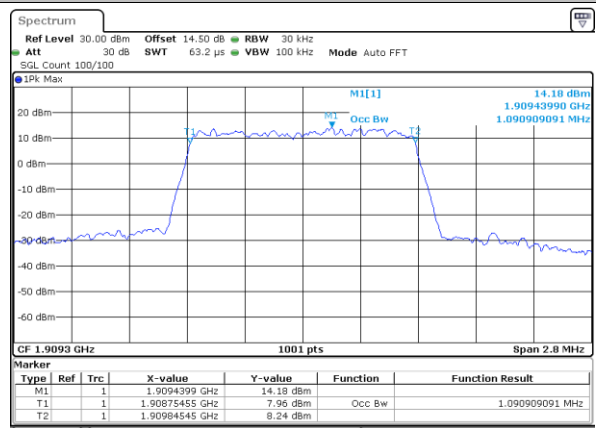
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



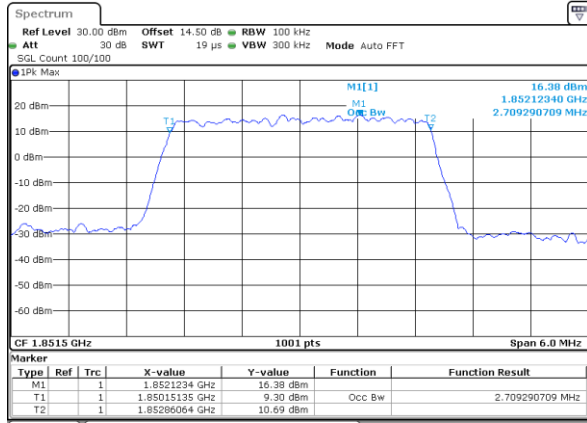
Highest Channel / 1.4MHz / 16QAM





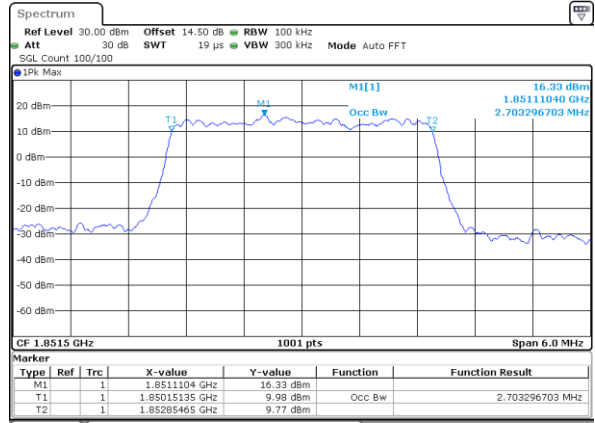
LTE Band 2

Lowest Channel / 3MHz / QPSK



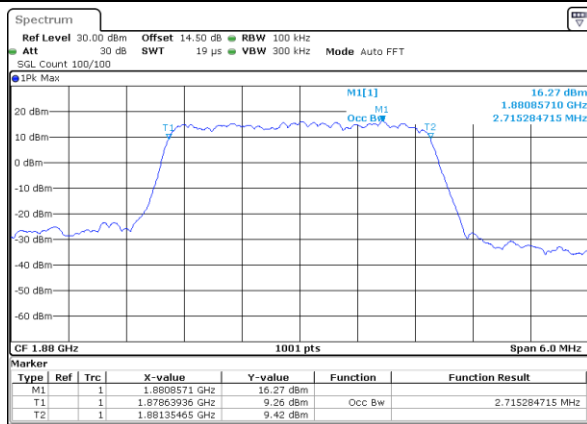
Date: 30,NOV,2019 04:56:38

Lowest Channel / 3MHz / 16QAM



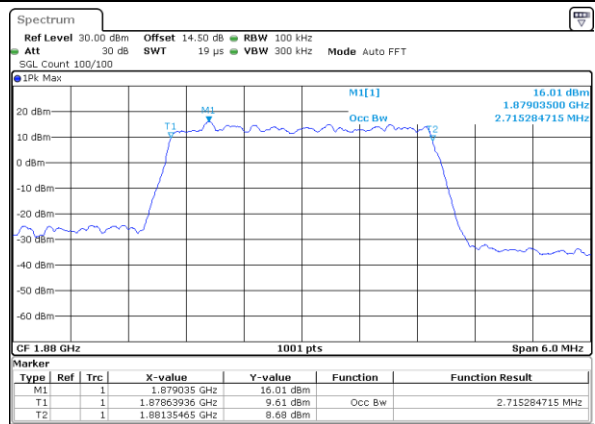
Date: 30,NOV,2019 04:56:50

Middle Channel / 3MHz / QPSK



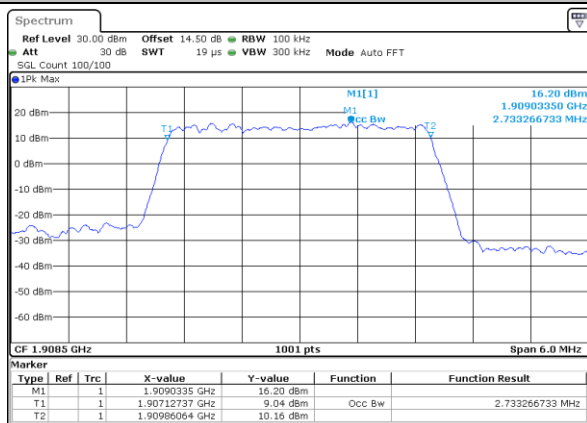
Date: 30,NOV,2019 04:58:47

Middle Channel / 3MHz / 16QAM



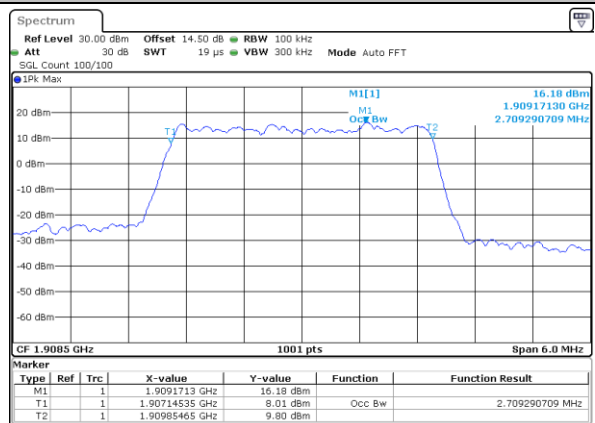
Date: 30,NOV,2019 04:58:59

Highest Channel / 3MHz / QPSK



Date: 30,NOV,2019 05:00:57

Highest Channel / 3MHz / 16QAM

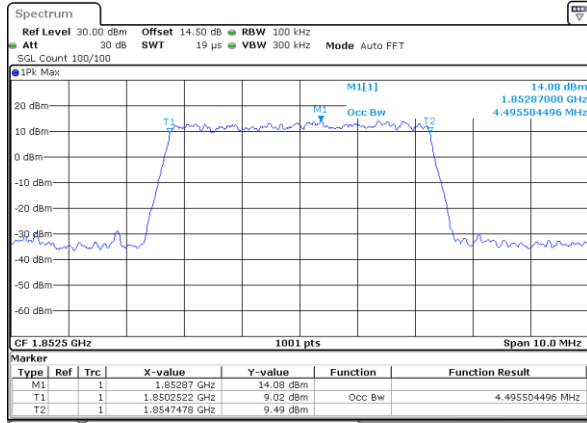


Date: 30,NOV,2019 05:01:08



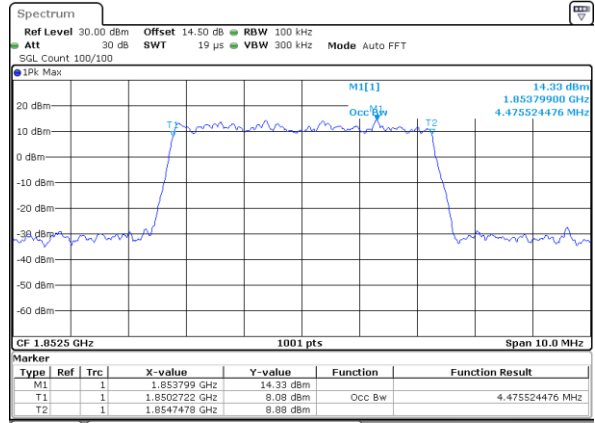
LTE Band 2

Lowest Channel / 5MHz / QPSK



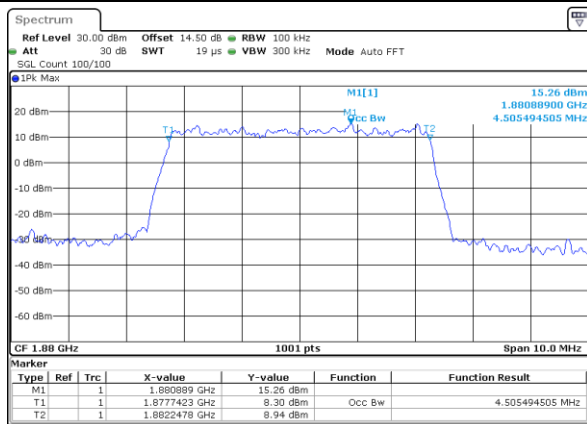
Date: 30,NOV,2019 05:03:06

Lowest Channel / 5MHz / 16QAM



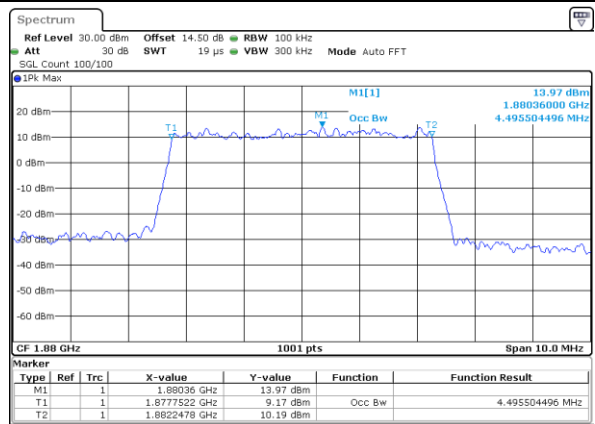
Date: 30,NOV,2019 05:03:17

Middle Channel / 5MHz / QPSK



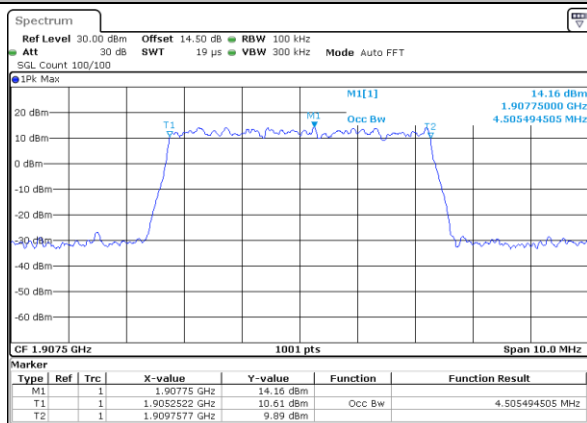
Date: 30,NOV,2019 05:05:15

Middle Channel / 5MHz / 16QAM



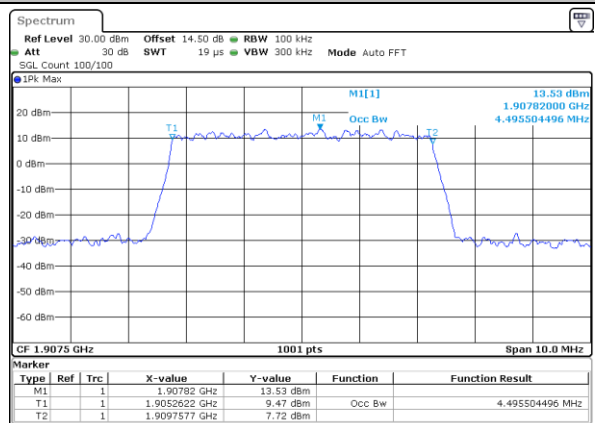
Date: 30,NOV,2019 05:05:26

Highest Channel / 5MHz / QPSK



Date: 30,NOV,2019 05:07:24

Highest Channel / 5MHz / 16QAM

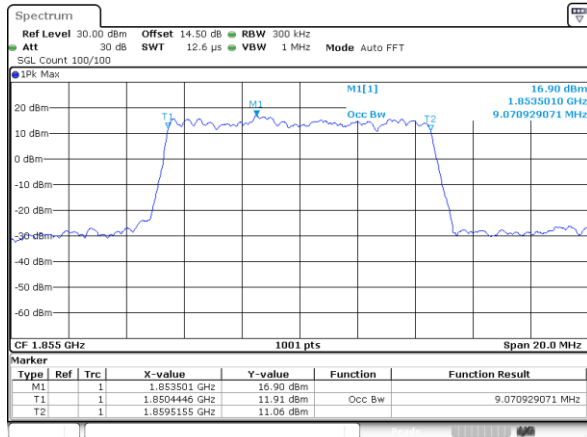


Date: 30,NOV,2019 05:07:35



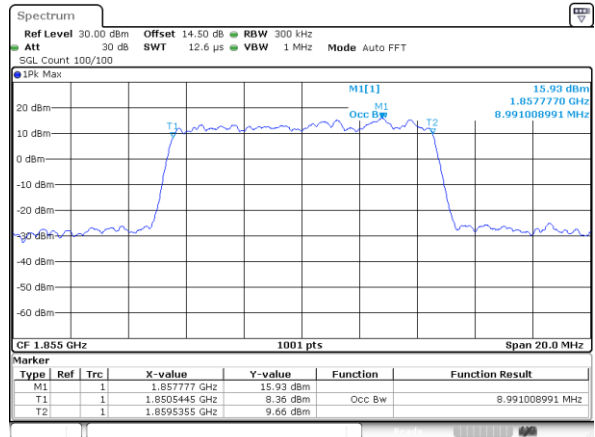
LTE Band 2

Lowest Channel / 10MHz / QPSK



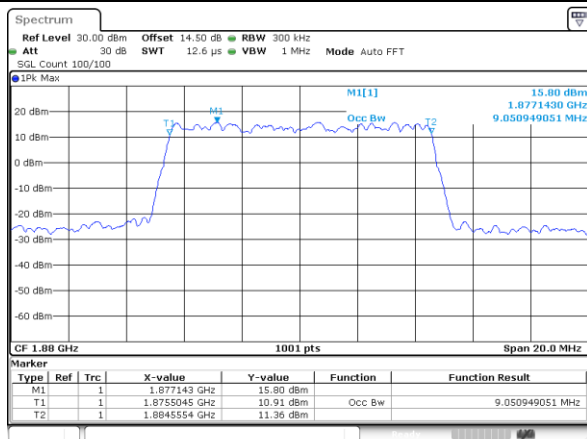
Date: 30,NOV,2019 05:09:32

Lowest Channel / 10MHz / 16QAM



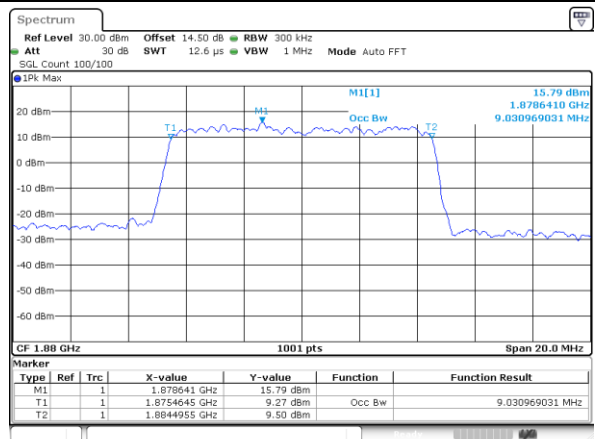
Date: 30,NOV,2019 05:09:44

Middle Channel / 10MHz / QPSK



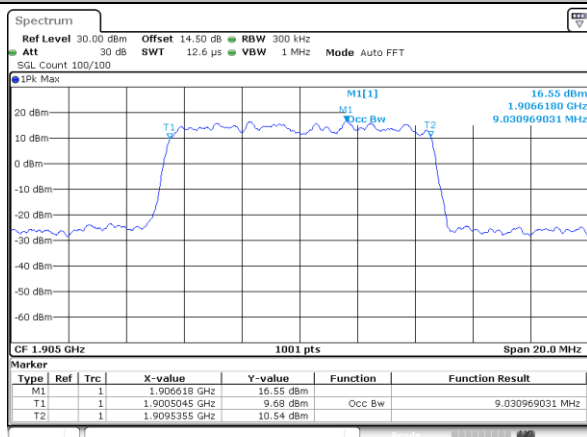
Date: 30,NOV,2019 05:11:41

Middle Channel / 10MHz / 16QAM



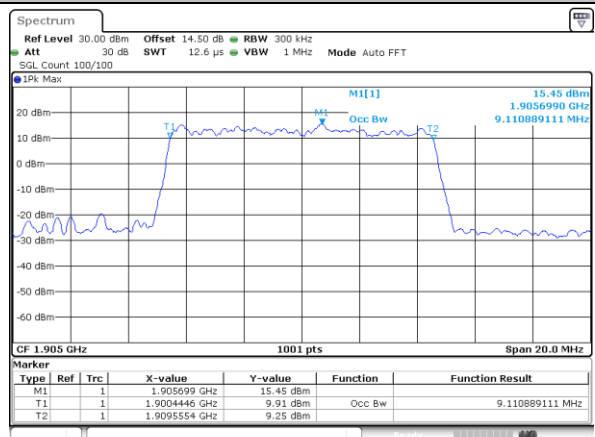
Date: 30,NOV,2019 05:11:52

Highest Channel / 10MHz / QPSK



Date: 30,NOV,2019 05:13:50

Highest Channel / 10MHz / 16QAM

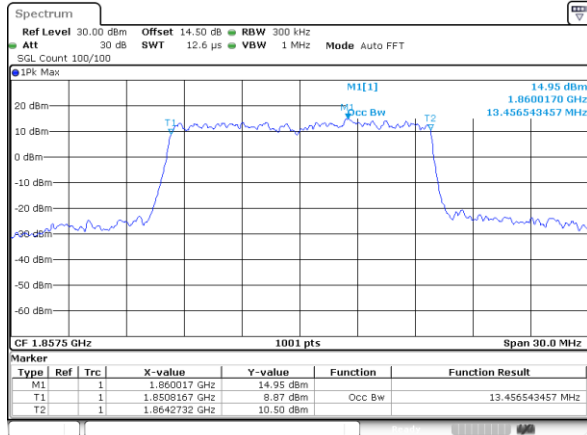


Date: 30,NOV,2019 05:14:01

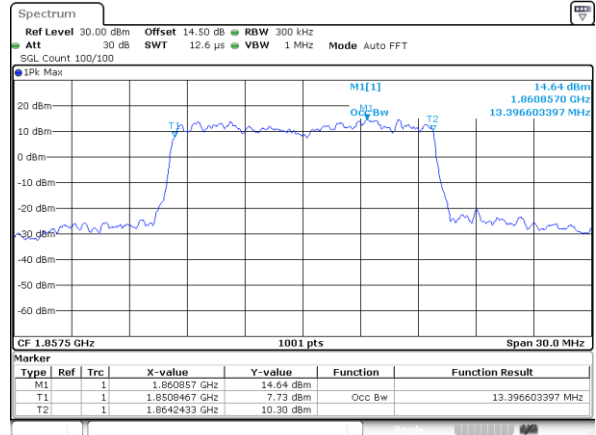


LTE Band 2

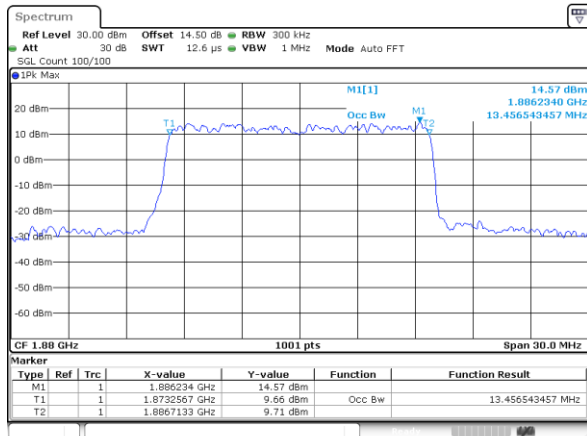
Lowest Channel / 15MHz / QPSK



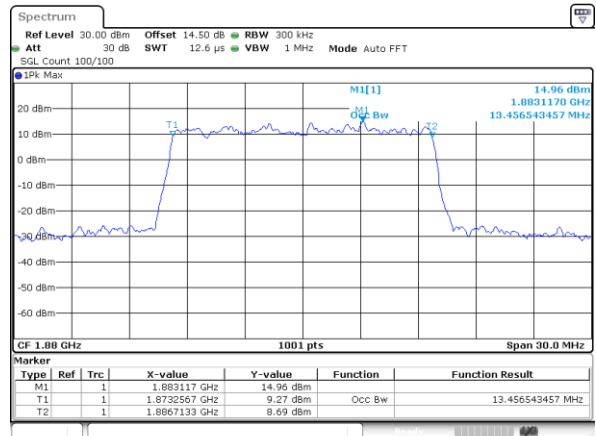
Lowest Channel / 15MHz / 16QAM



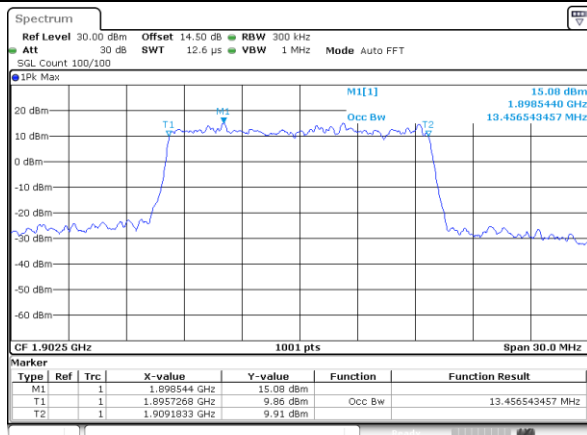
Middle Channel / 15MHz / QPSK



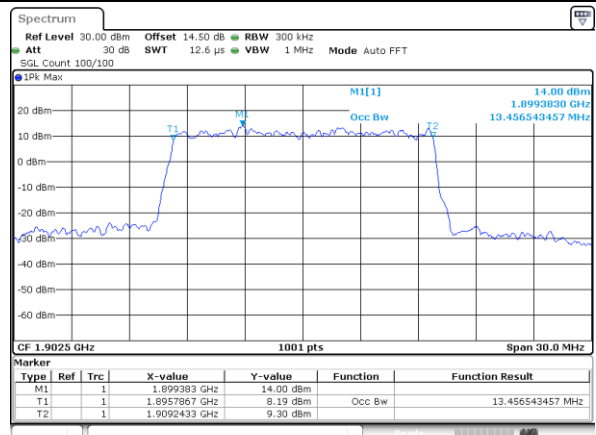
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



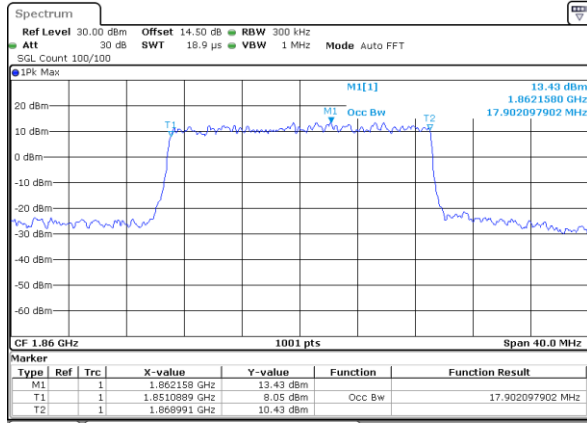
Highest Channel / 15MHz / 16QAM





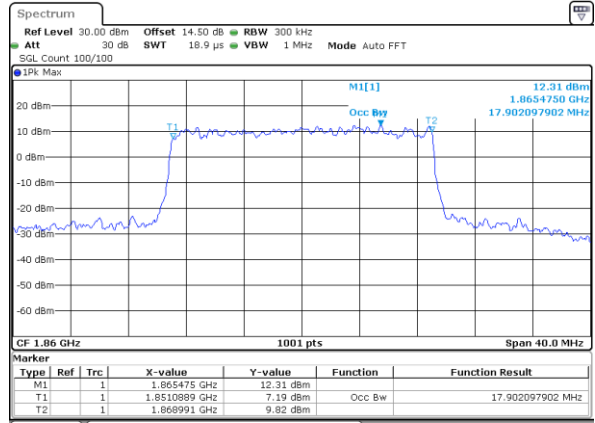
LTE Band 2

Lowest Channel / 20MHz / QPSK



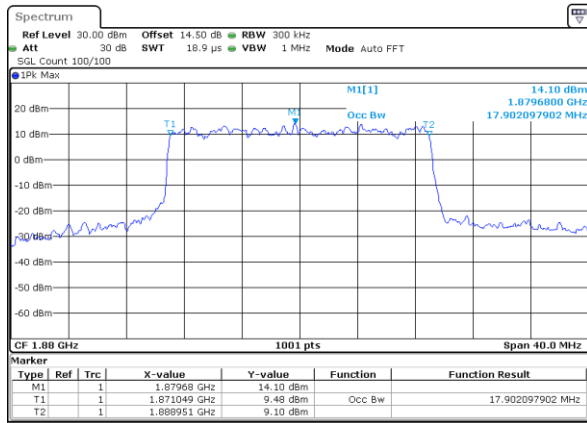
Date: 30,NOV,2019 04:51:17

Lowest Channel / 20MHz / 16QAM



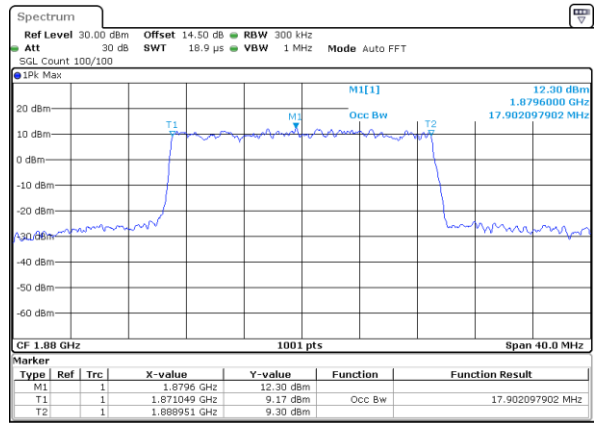
Date: 30,NOV,2019 04:51:59

Middle Channel / 20MHz / QPSK



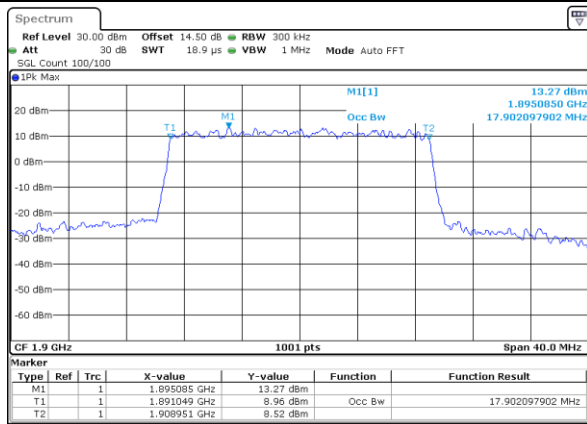
Date: 30,NOV,2019 04:56:45

Middle Channel / 20MHz / 16QAM



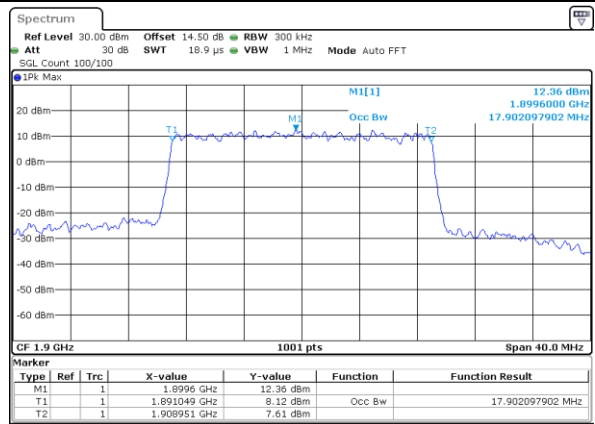
Date: 30,NOV,2019 04:50:21

Highest Channel / 20MHz / QPSK



Date: 30,NOV,2019 04:49:20

Highest Channel / 20MHz / 16QAM

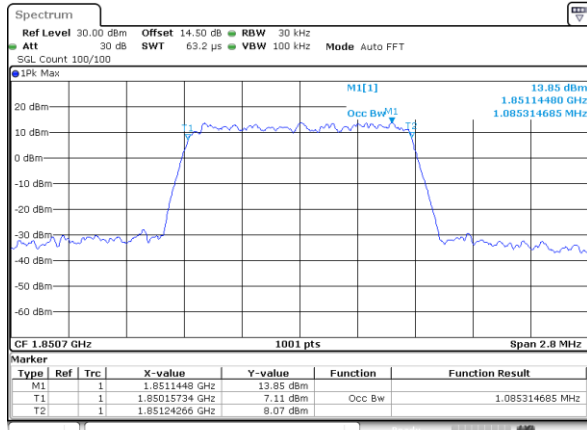


Date: 30,NOV,2019 04:49:54

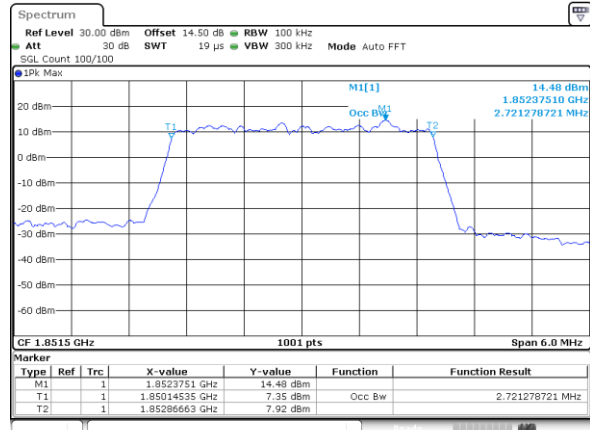


LTE Band 2

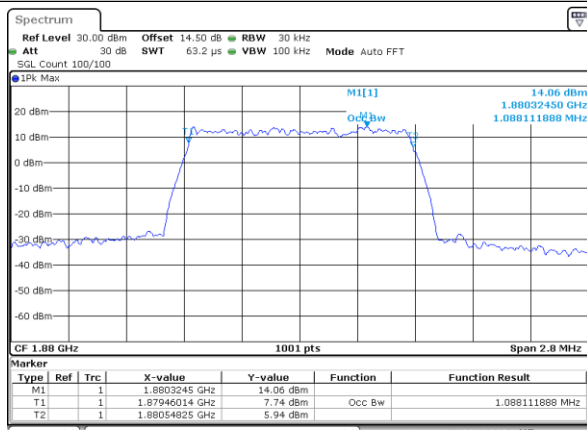
Lowest Channel / 1.4MHz / 64QAM



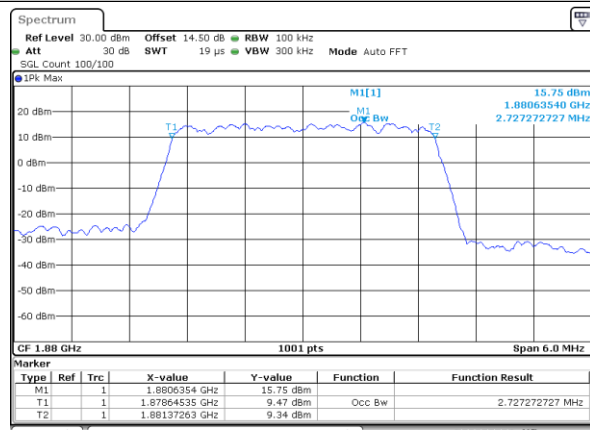
Lowest Channel / 3MHz / 64QAM



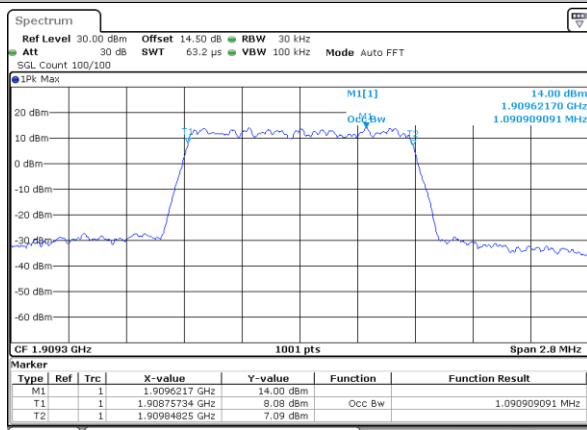
Middle Channel / 1.4MHz / 64QAM



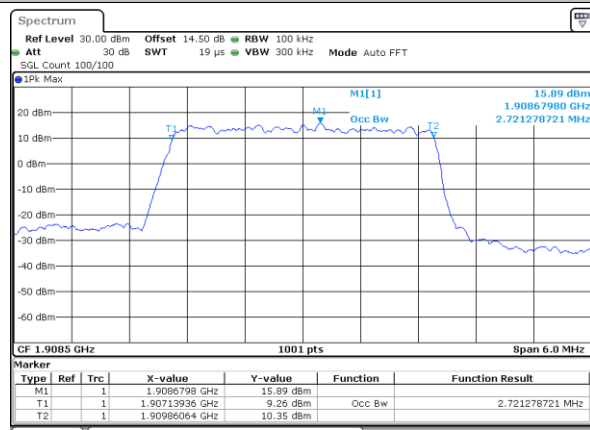
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



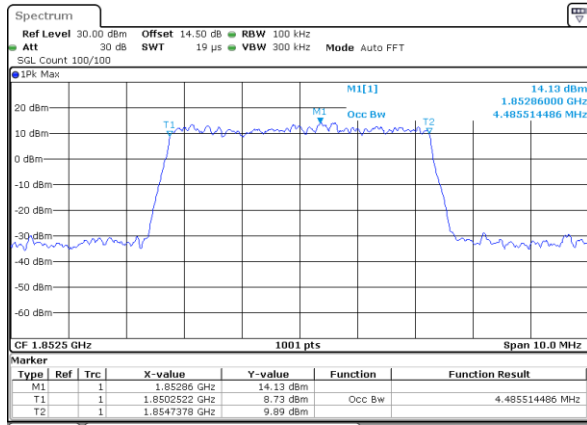
Highest Channel / 3MHz / 64QAM





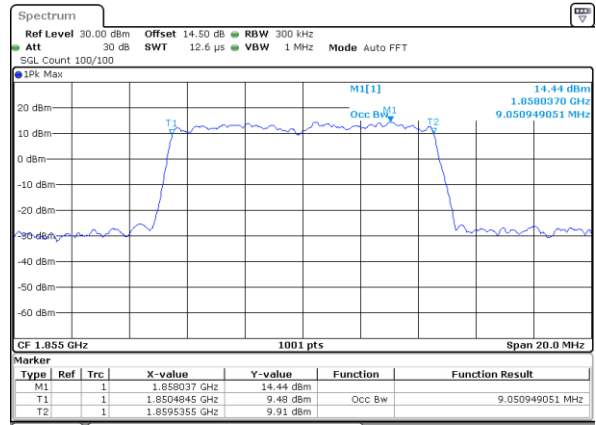
LTE Band 2

Lowest Channel / 5MHz / 64QAM



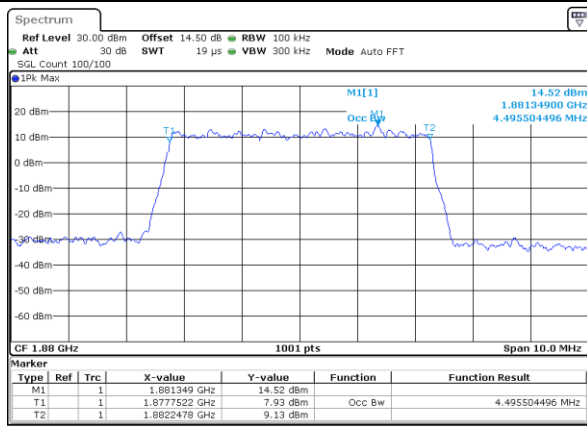
Date: 30,NOV,2019 03:46:44

Lowest Channel / 10MHz / 64QAM



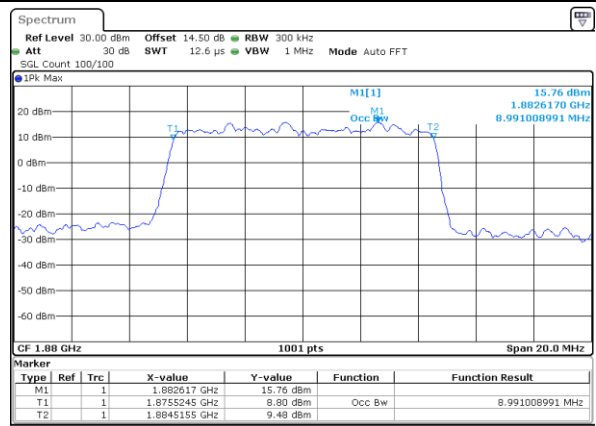
Date: 30,NOV,2019 03:57:23

Middle Channel / 5MHz / 64QAM



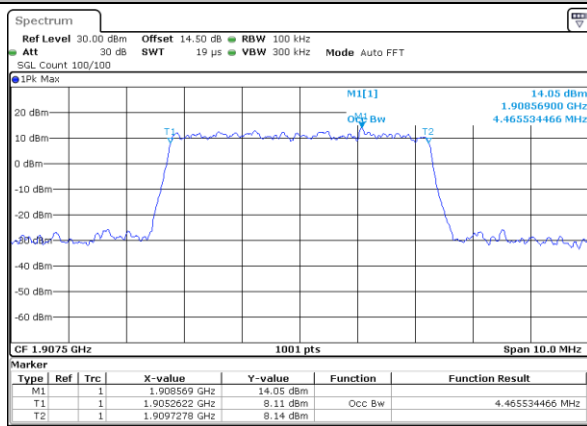
Date: 30,NOV,2019 03:53:14

Middle Channel / 10MHz / 64QAM



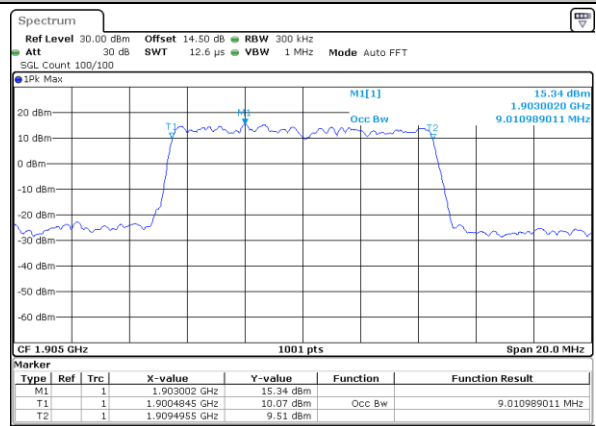
Date: 30,NOV,2019 04:00:28

Highest Channel / 5MHz / 64QAM



Date: 30,NOV,2019 03:54:18

Highest Channel / 10MHz / 64QAM



Date: 30,NOV,2019 04:00:32