



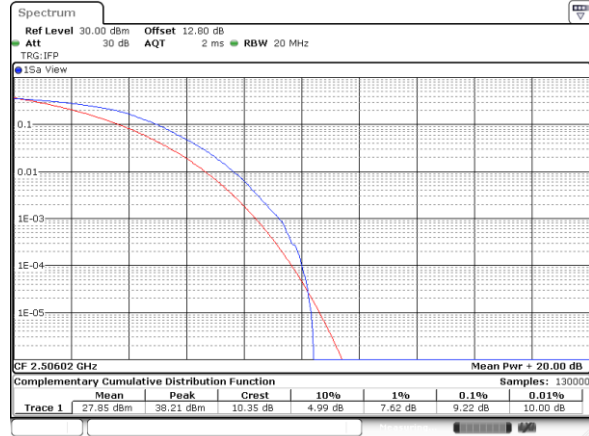
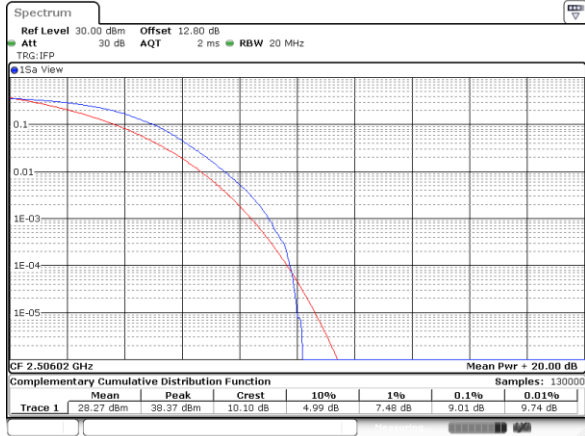
FR1 n41 / 20MHz / DFT-S OFDM

16QAM

64QAM

Lowest Channel / Full RB

Lowest Channel / Full RB

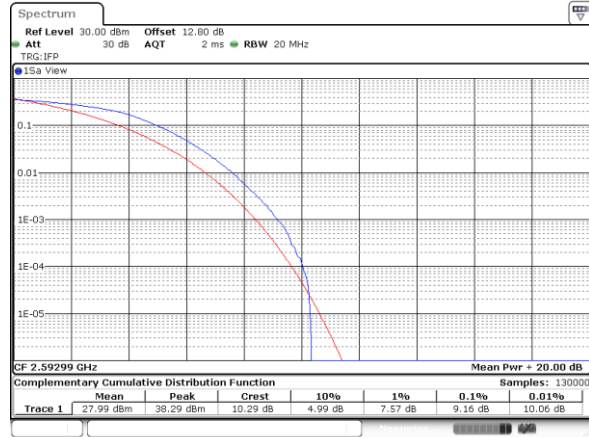
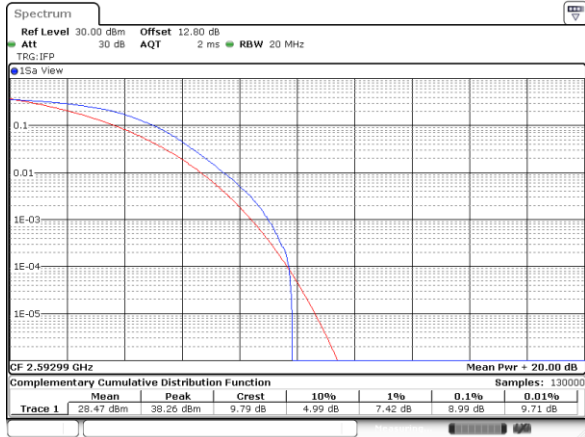


Date: 21 JUN 2020 03:03:04

Date: 21 JUN 2020 03:03:40

Middle Channel / Full RB

Middle Channel / Full RB

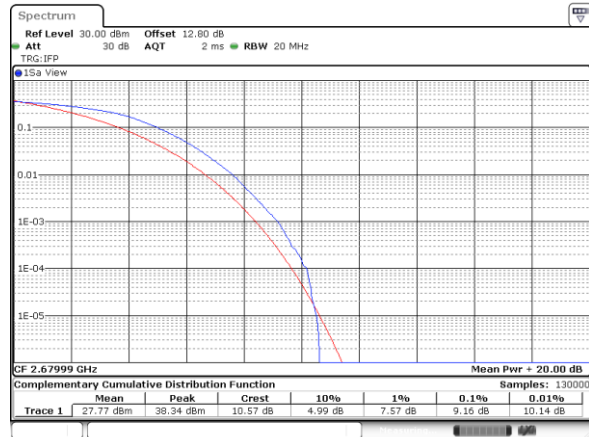
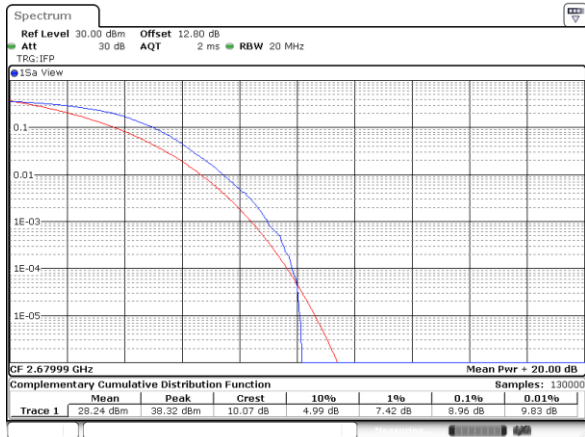


Date: 21 JUN 2020 03:22:12

Date: 21 JUN 2020 03:23:04

Highest Channel / Full RB

Highest Channel / Full RB



Date: 21 JUN 2020 03:26:46

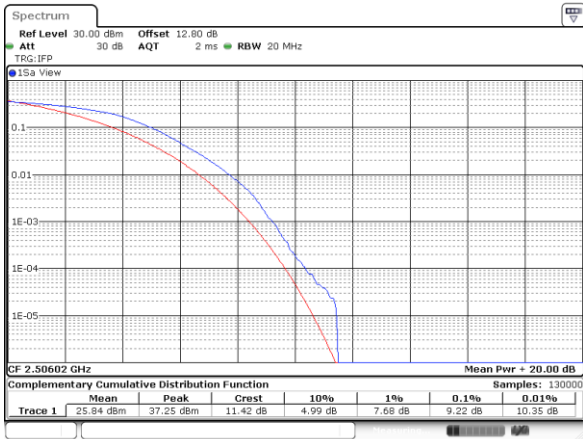
Date: 21 JUN 2020 03:26:20



FR1 n41 / 20MHz / DFT-S OFDM

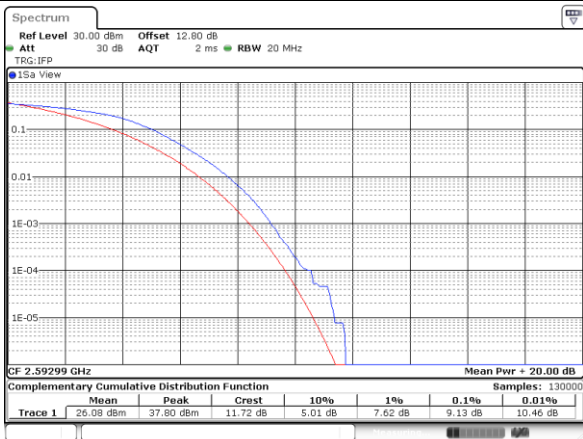
256QAM

Lowest Channel / Full RB



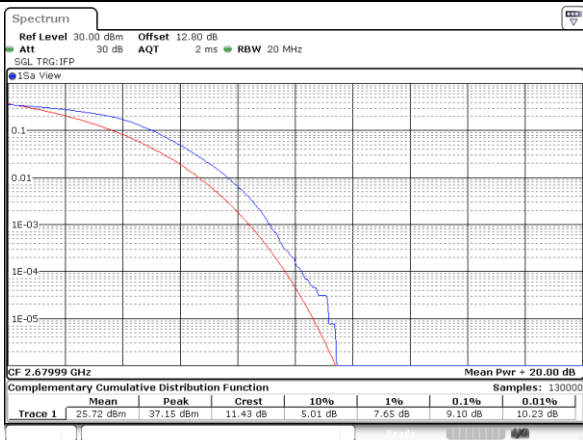
Date: 21 JUN 2020 03:07:02

Middle Channel / Full RB



Date: 21 JUN 2020 03:23:47

Highest Channel / Full RB



Date: 21 JUN 2020 03:25:33



**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM							
	20MHz	40MHz	50MHz	60MHz	80MHz	90MHz	100MHz	
BW								
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	
Lowest CH	18.70	38.44	48.05	60.42	79.92	88.65	99.50	
Middle CH	18.62	38.12	48.15	60.78	79.76	88.65	99.50	
Highest CH	19.10	38.12	48.05	60.66	79.60	88.47	99.50	

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
	20MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	19.42	19.38	40.20	40.12	49.95	49.75	60.54	60.30
Middle CH	19.06	19.22	40.36	40.12	49.75	50.25	60.42	60.30
Highest CH	19.86	19.02	40.12	40.04	49.65	49.65	60.42	60.30

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
	20MHz		40MHz		50MHz		60MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	19.34	19.38	40.12	40.44	49.65	49.75	60.18	60.30
Middle CH	19.18	19.82	40.28	40.28	49.75	49.75	60.42	60.30
Highest CH	19.14	19.58	40.12	40.12	49.75	49.65	60.30	60.30

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
	80MHz		90MHz		100MHz			
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	80.08	79.76	90.27	90.09	100.50	100.30		
Middle CH	79.92	80.08	90.45	90.27	100.50	100.70		
Highest CH	79.92	79.92	90.27	90.45	100.50	100.30		

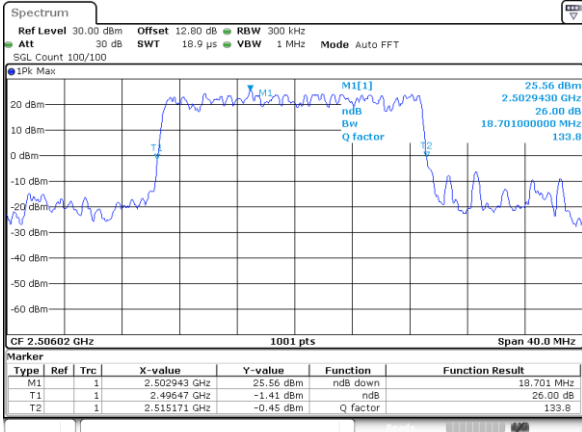
Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
	80MHz		90MHz		100MHz			
BW								
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	79.92	79.92	90.27	90.27	100.50	100.70		
Middle CH	80.08	79.76	90.27	90.09	100.10	100.50		
Highest CH	79.92	79.92	90.27	90.45	100.50	100.50		



FR1 n41 / 20MHz / DFT-S OFDM

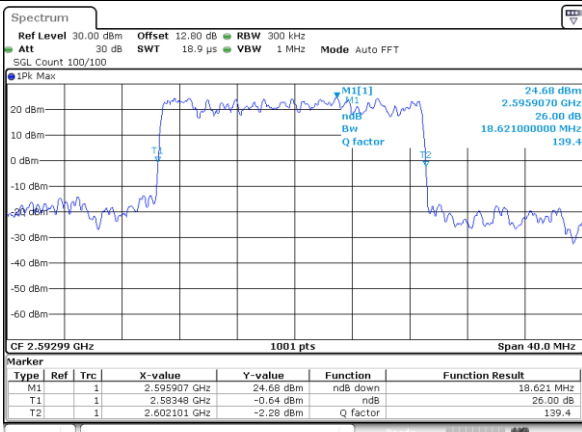
PI/2 BPSK

Lowest Channel



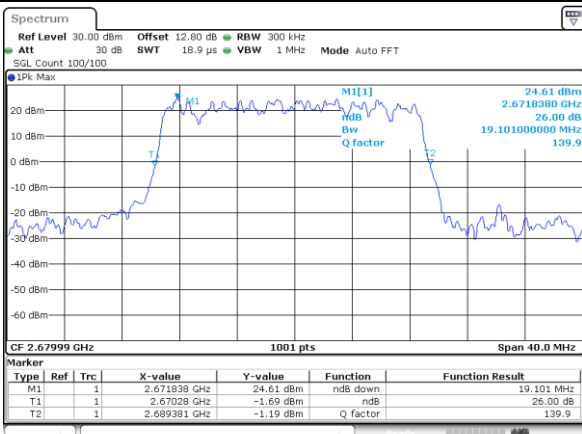
Date: 21 JUN 2020 03:09:20

Middle Channel



Date: 21 JUN 2020 03:19:53

Highest Channel



Date: 21 JUN 2020 03:28:40



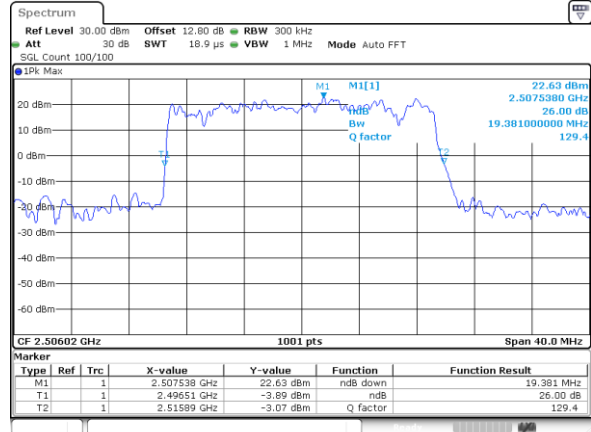
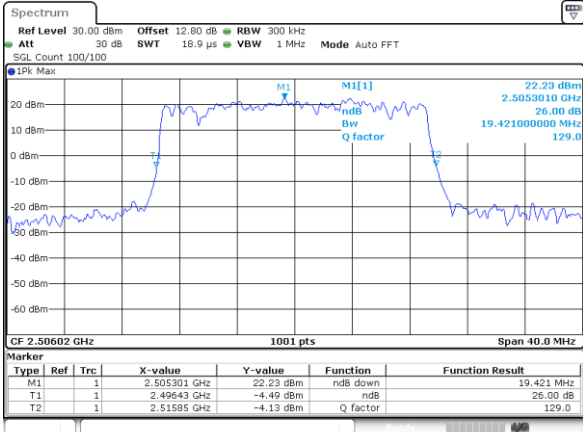
FR1 n41 / 20MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

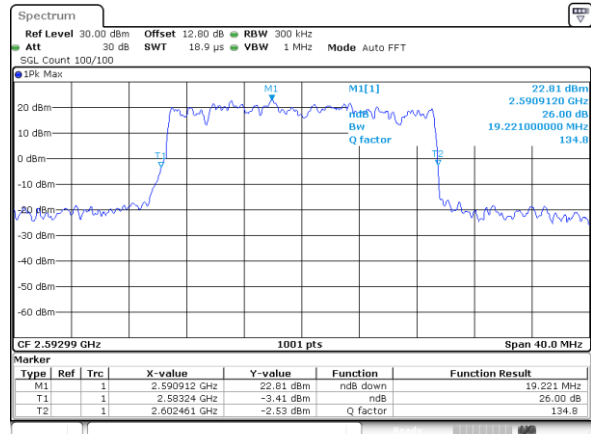
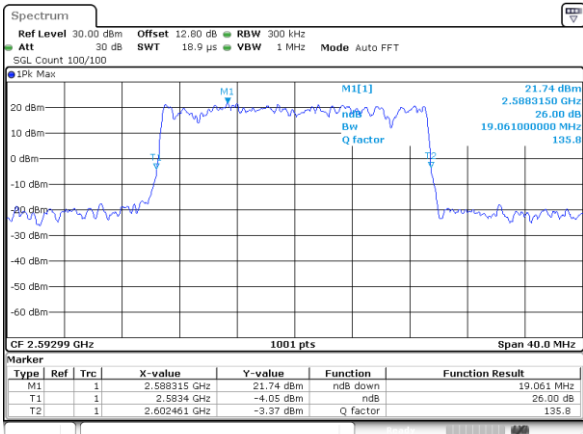


Date: 21 JUN 2020 03:10:29

Date: 21 JUN 2020 03:11:25

Middle Channel

Middle Channel

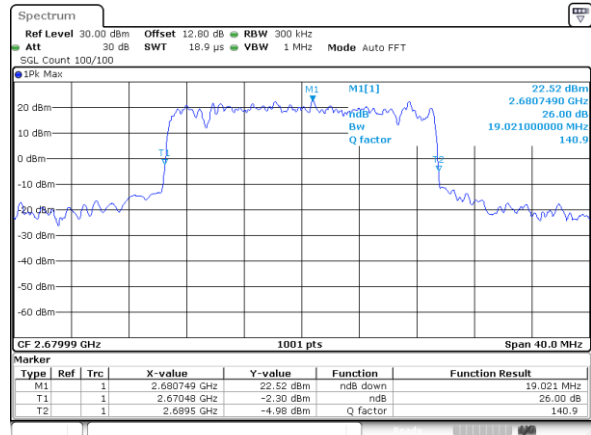
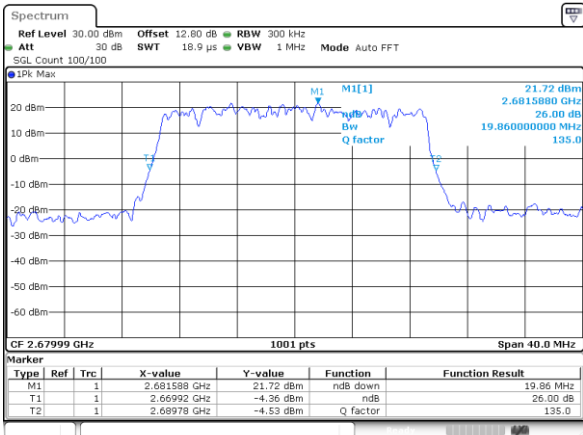


Date: 21 JUN 2020 03:17:11

Date: 21 JUN 2020 03:16:21

Highest Channel

Highest Channel



Date: 21 JUN 2020 03:33:02

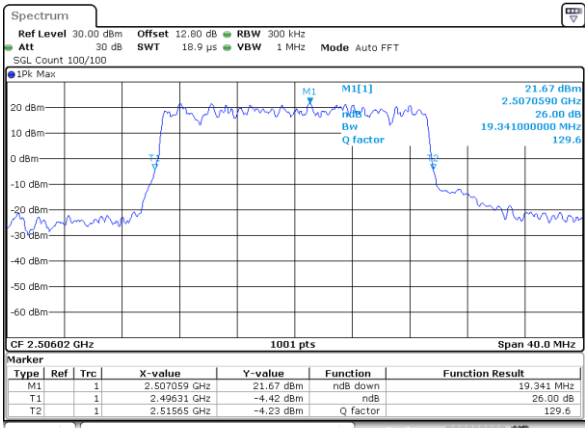
Date: 21 JUN 2020 03:31:58



FR1 n41 / 20MHz / CP OFDM

64QAM

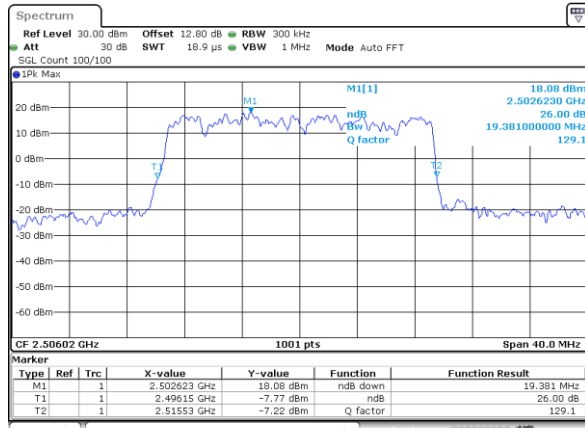
Lowest Channel



Date: 21 JUN 2020 03:12:12

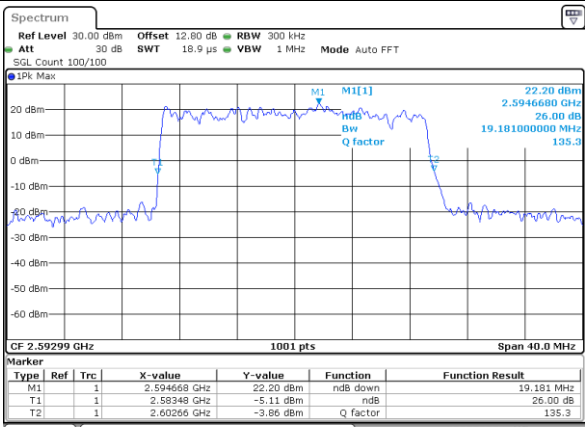
256QAM

Lowest Channel



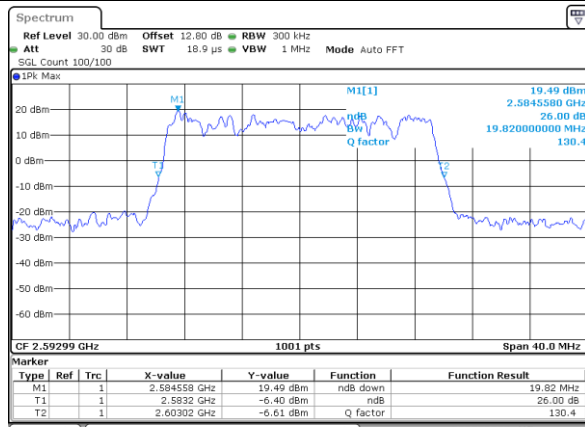
Date: 21 JUN 2020 03:13:06

Middle Channel



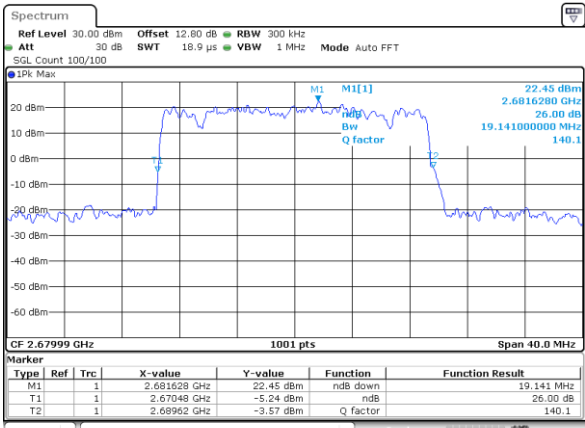
Date: 21 JUN 2020 03:15:18

Middle Channel



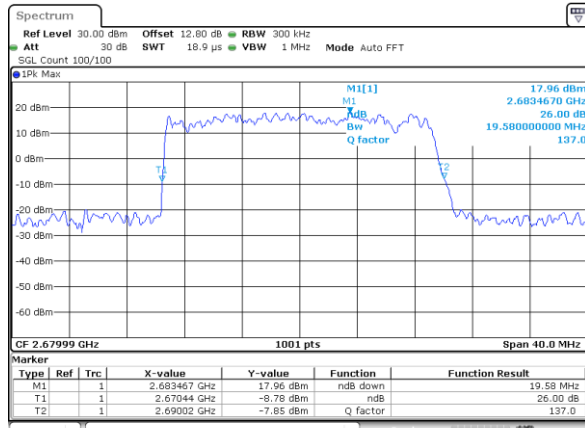
Date: 21 JUN 2020 03:14:20

Highest Channel



Date: 21 JUN 2020 03:30:57

Highest Channel



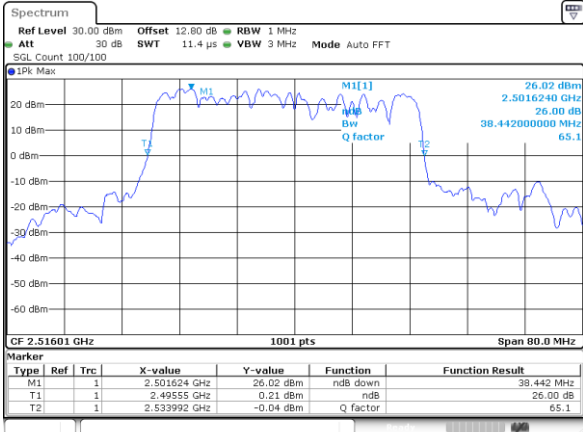
Date: 21 JUN 2020 03:29:57



FR1 n41 / 40MHz / DFT-S OFDM

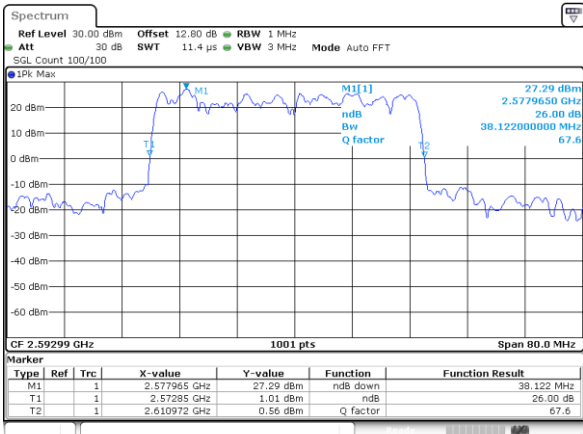
PI/2 BPSK

Lowest Channel



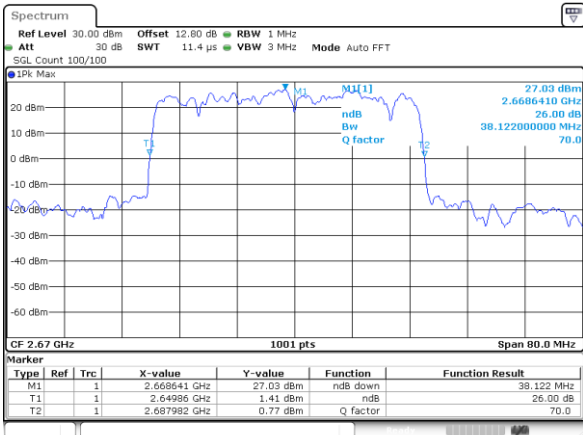
Date: 21 JUN 2020 05:08:07

Middle Channel



Date: 21 JUN 2020 04:45:30

Highest Channel



Date: 21 JUN 2020 04:31:04



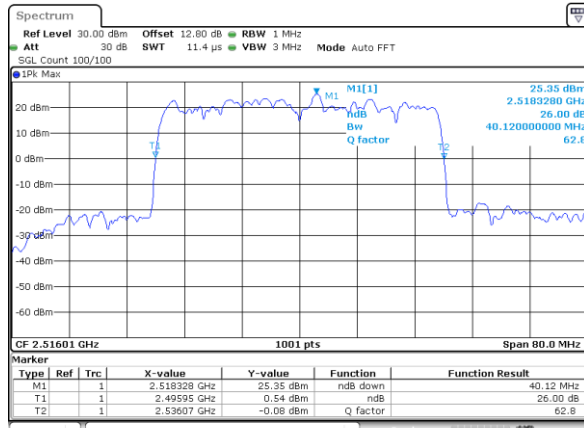
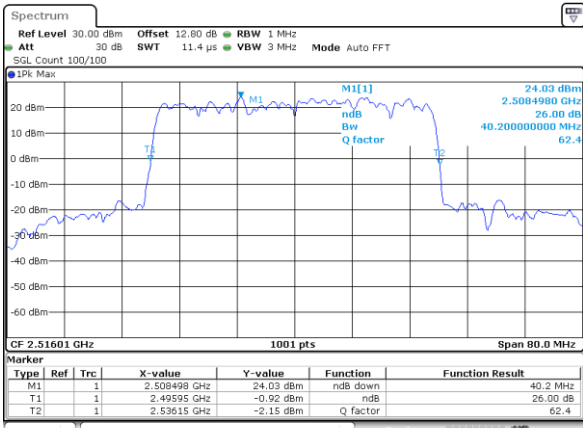
FR1 n41 / 40MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

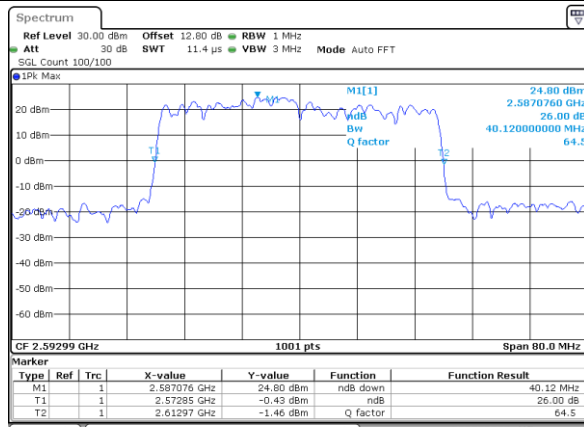
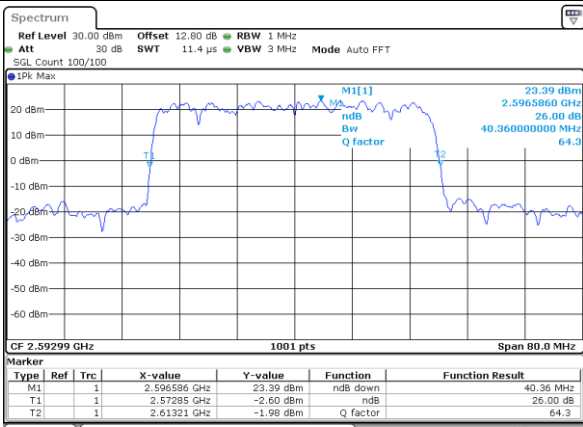


Date: 21 JUN 2020 05:06:29

Date: 21 JUN 2020 05:04:35

Middle Channel

Middle Channel

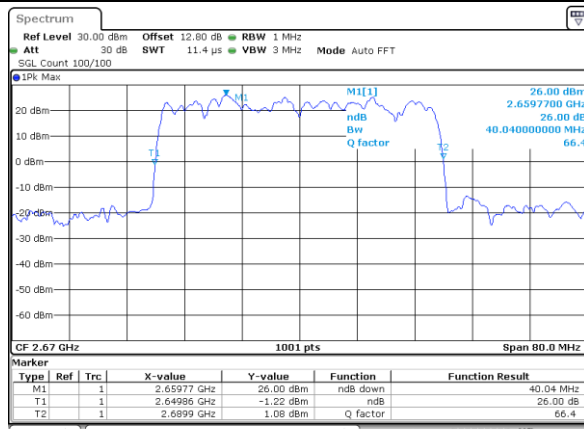
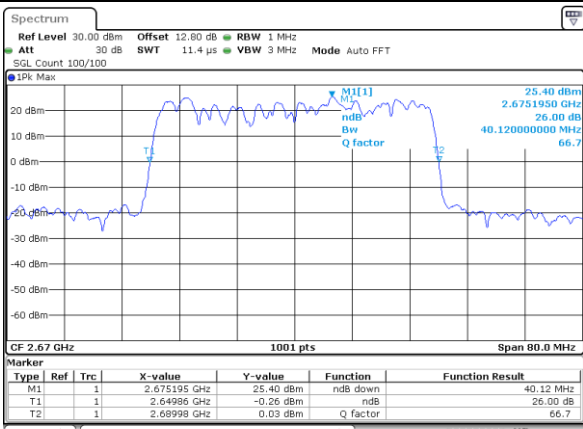


Date: 21 JUN 2020 04:53:00

Date: 21 JUN 2020 04:51:57

Highest Channel

Highest Channel



Date: 21 JUN 2020 04:27:02

Date: 21 JUN 2020 04:25:31

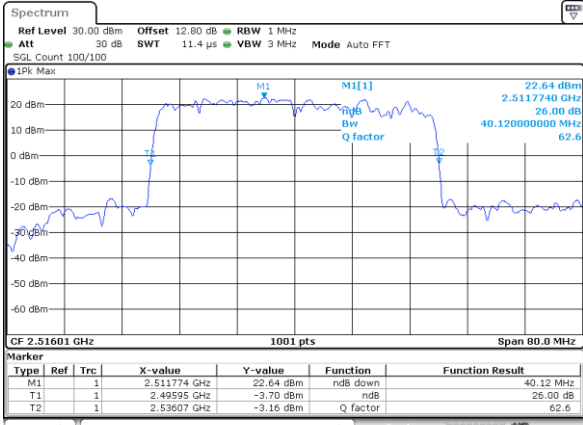




FR1 n41 / 40MHz / CP OFDM

64QAM

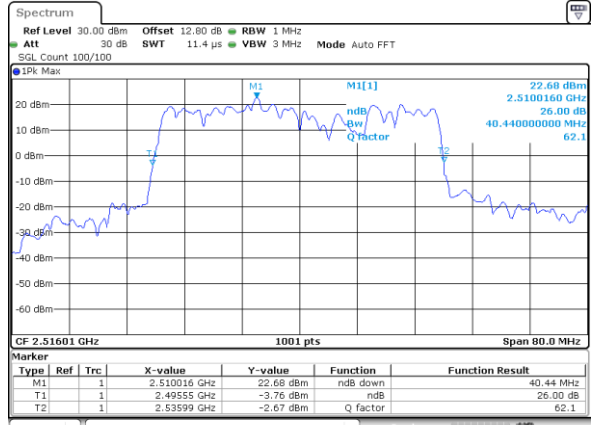
Lowest Channel



Date: 21 JUN 2020 05:03:39

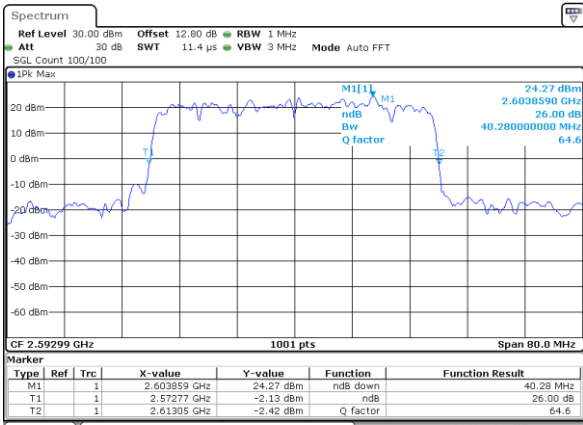
256QAM

Lowest Channel



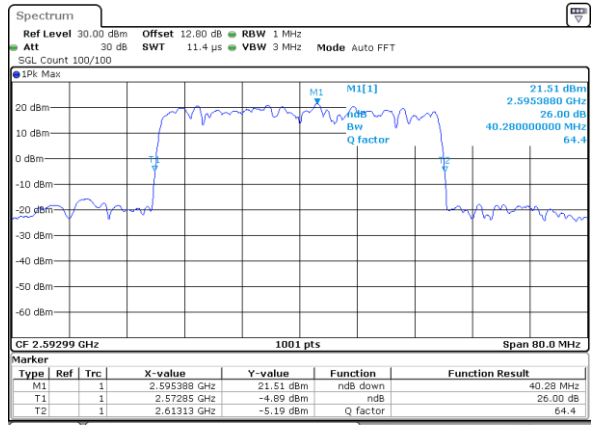
Date: 21 JUN 2020 05:02:43

Middle Channel



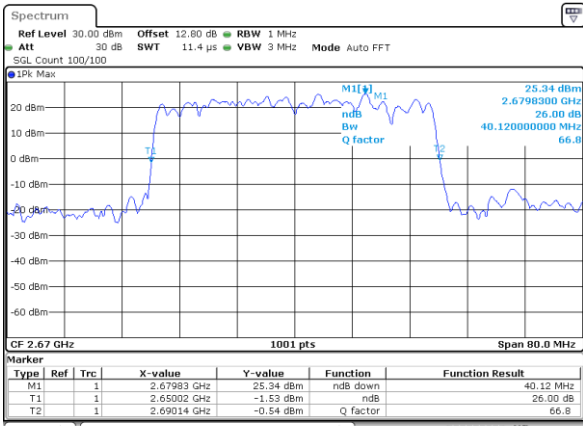
Date: 21 JUN 2020 04:50:54

Middle Channel



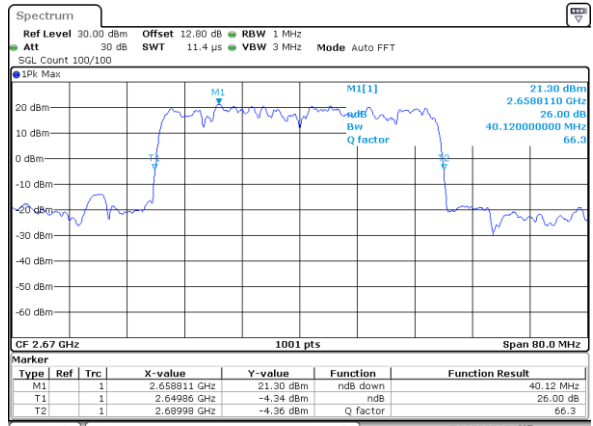
Date: 21 JUN 2020 04:49:48

Highest Channel



Date: 21 JUN 2020 04:24:31

Highest Channel



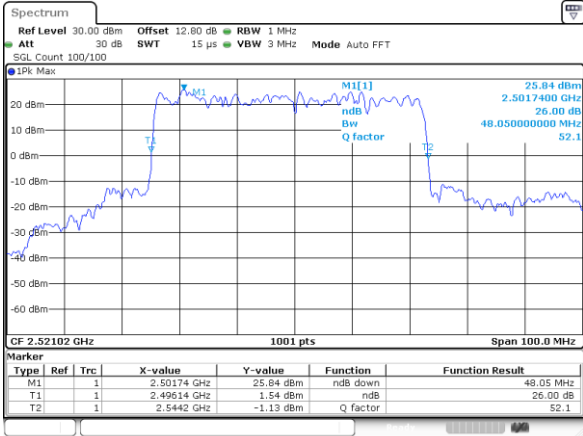
Date: 21 JUN 2020 04:23:06



FR1 n41 / 50MHz / DFT-S OFDM

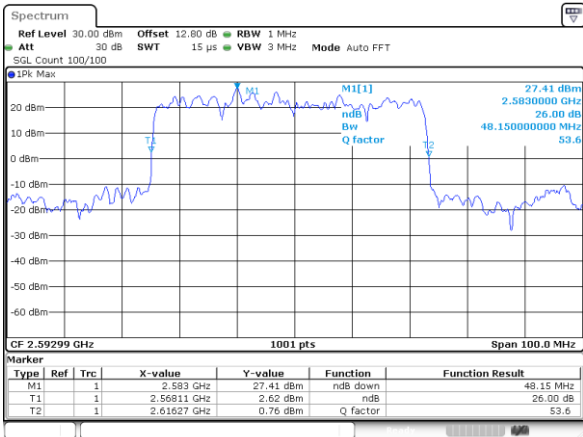
PI/2 BPSK

Lowest Channel



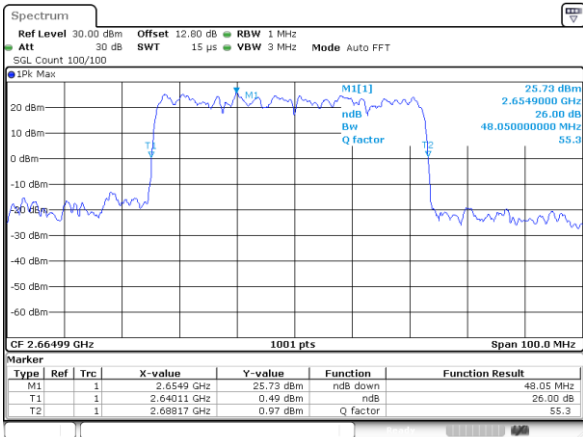
Date: 21 JUN 2020 02:31:06

Middle Channel



Date: 21 JUN 2020 02:50:42

Highest Channel



Date: 21 JUN 2020 04:10:06



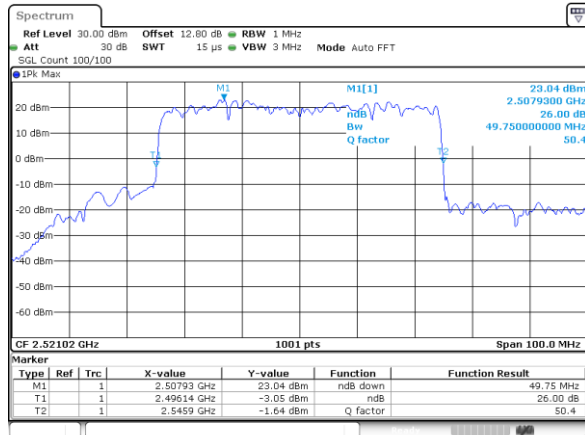
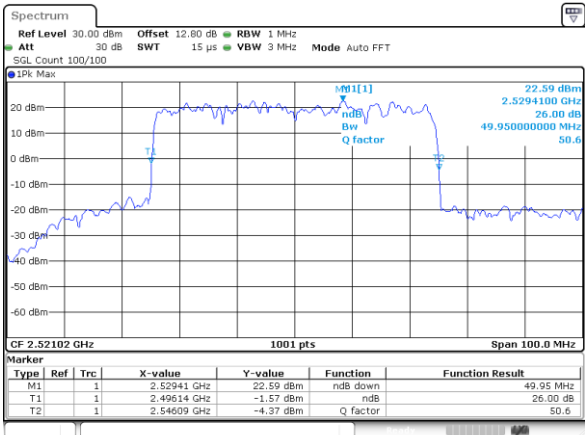
FR1 n41 / 50MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

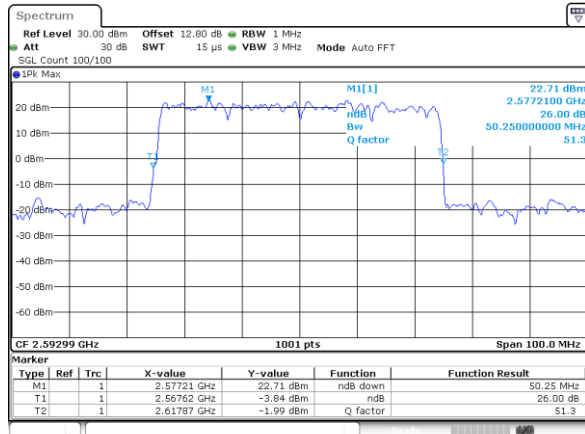
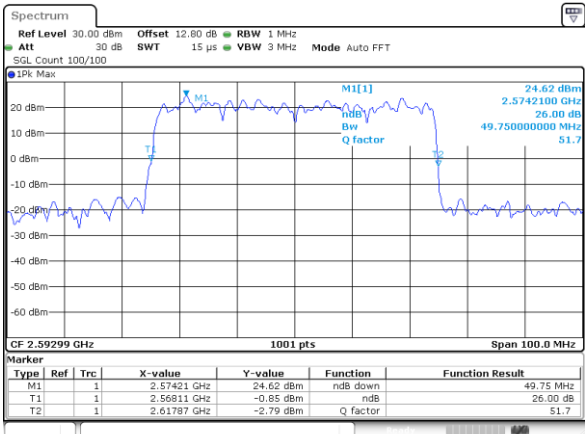


Date: 21 JUN 2020 02:43:22

Date: 21 JUN 2020 02:40:57

Middle Channel

Middle Channel

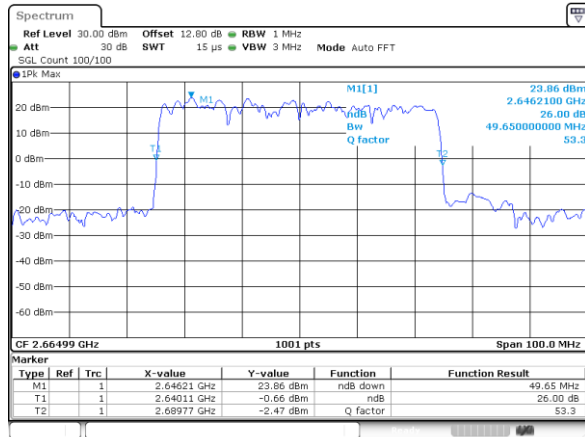
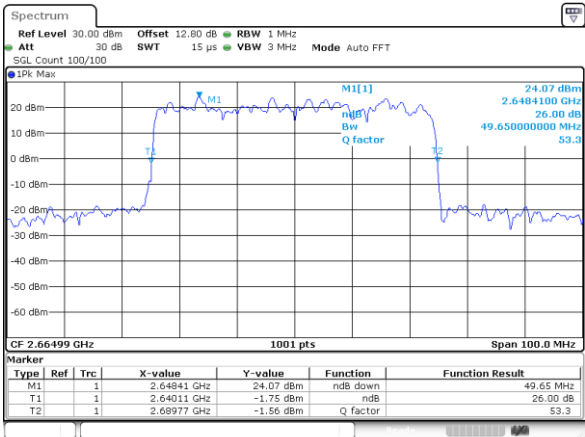


Date: 21 JUN 2020 02:48:46

Date: 21 JUN 2020 02:47:30

Highest Channel

Highest Channel



Date: 21 JUN 2020 04:19:48

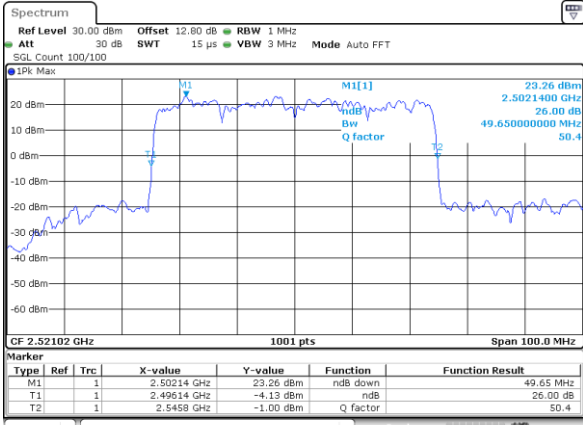
Date: 21 JUN 2020 04:17:55



FR1 n41 / 50MHz / CP OFDM

64QAM

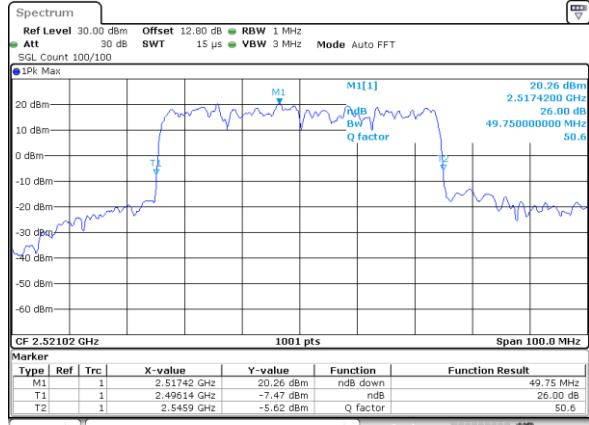
Lowest Channel



Date: 21 JUN 2020 02:13:57

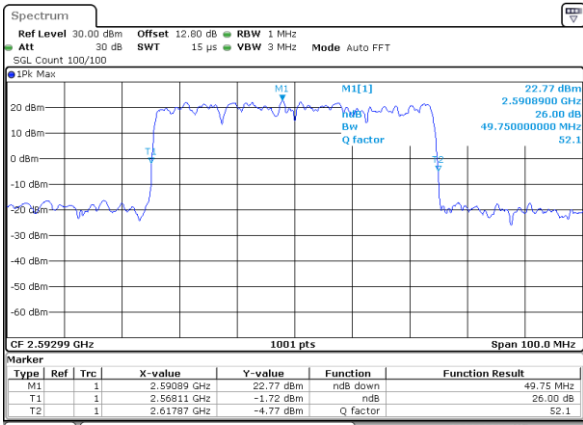
256QAM

Lowest Channel



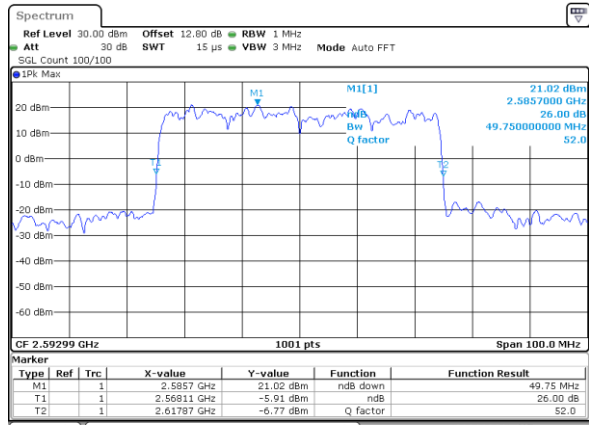
Date: 21 JUN 2020 02:13:23

Middle Channel



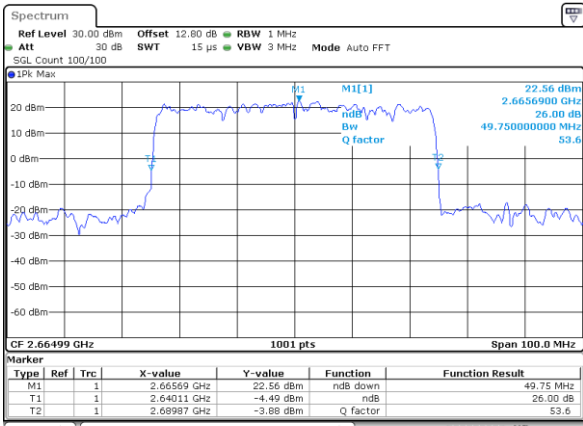
Date: 21 JUN 2020 02:46:38

Middle Channel



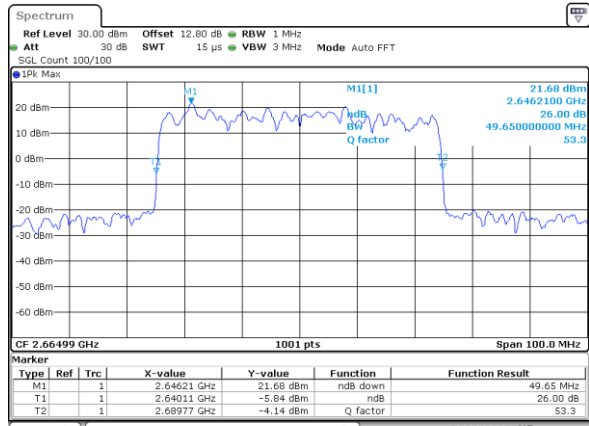
Date: 21 JUN 2020 02:45:48

Highest Channel



Date: 21 JUN 2020 04:16:50

Highest Channel



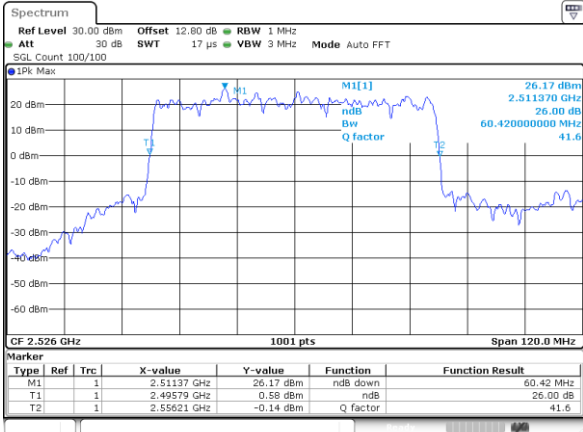
Date: 21 JUN 2020 04:15:44



FR1 n41 / 60MHz / DFT-S OFDM

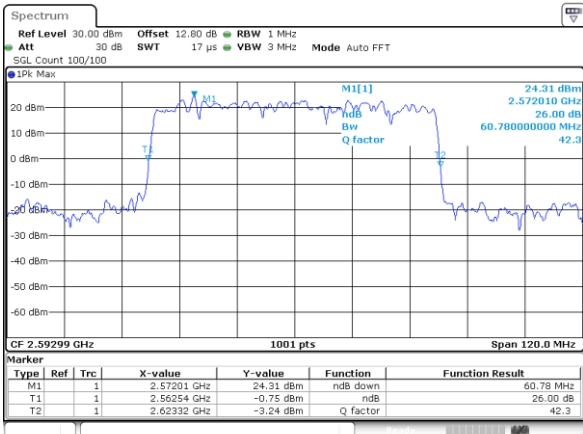
PI/2 BPSK

Lowest Channel



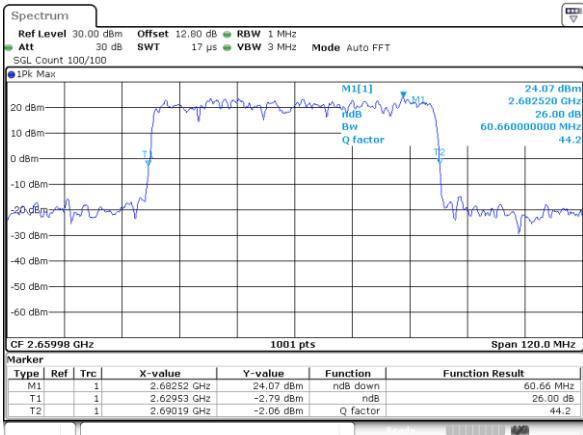
Date: 19 JUN 2020 23:12:00

Middle Channel



Date: 19 JUN 2020 23:13:05

Highest Channel



Date: 19 JUN 2020 23:17:06



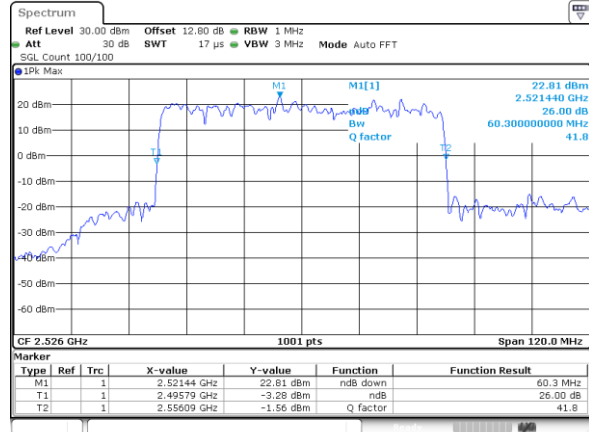
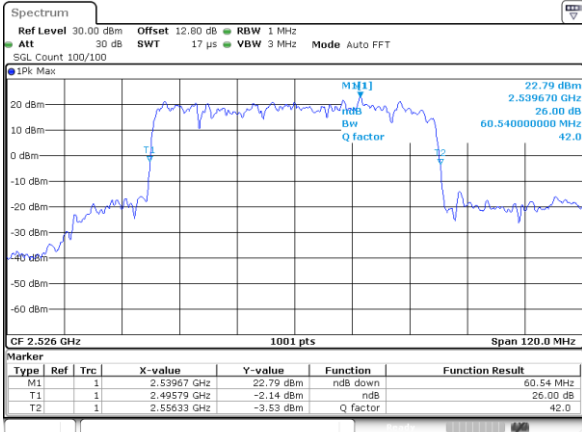
FR1 n41 / 60MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

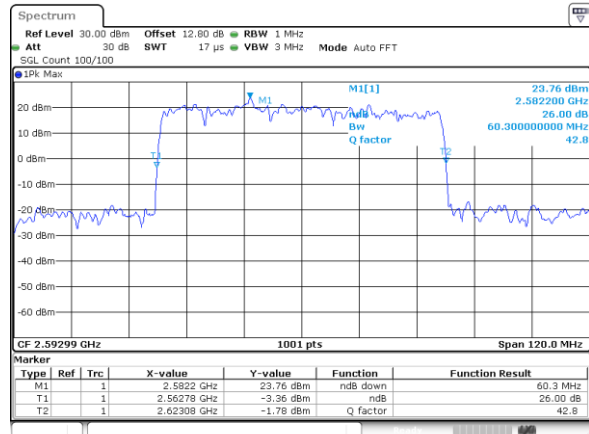
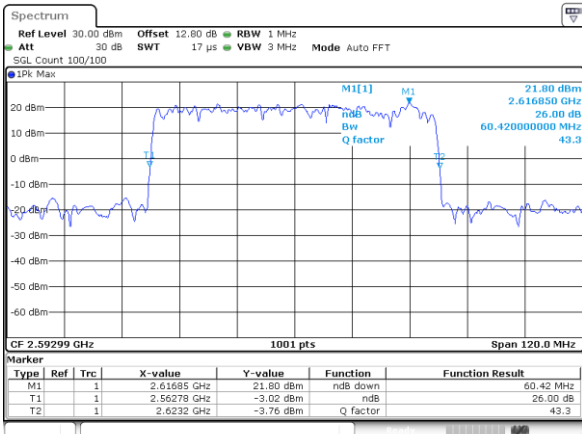


Date: 19 JUN 2020 23:28:30

Date: 19 JUN 2020 23:29:51

Middle Channel

Middle Channel

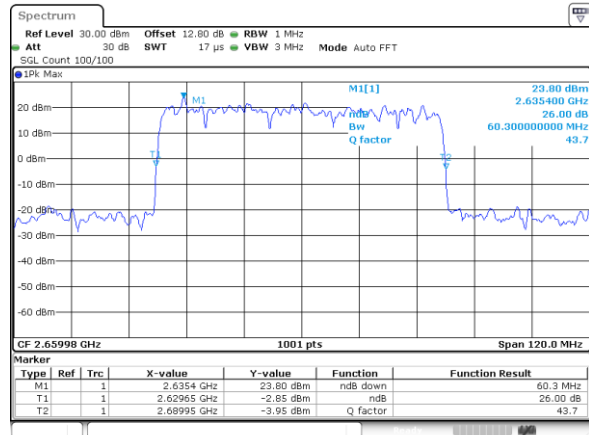
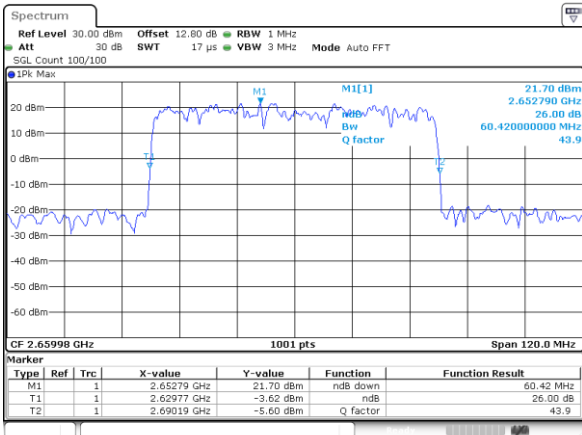


Date: 19 JUN 2020 23:27:45

Date: 19 JUN 2020 23:30:53

Highest Channel

Highest Channel



Date: 19 JUN 2020 23:26:35

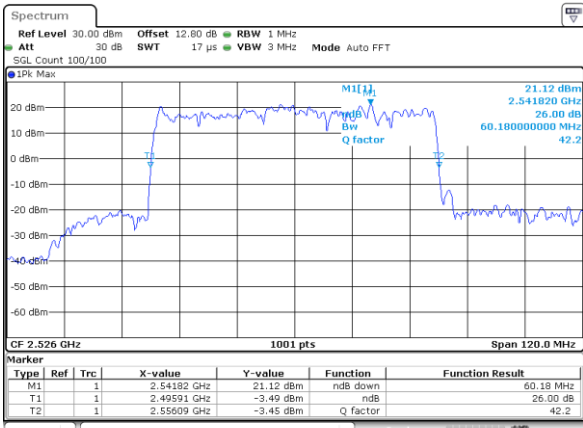
Date: 19 JUN 2020 23:32:57



FR1 n41 / 60MHz / CP OFDM

64QAM

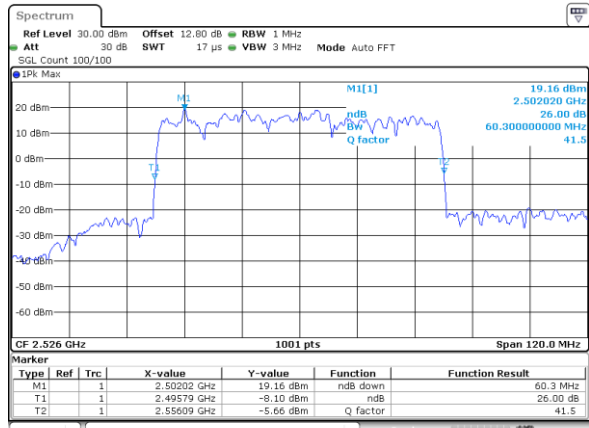
Lowest Channel



Date: 19 JUN 2020 23:37:07

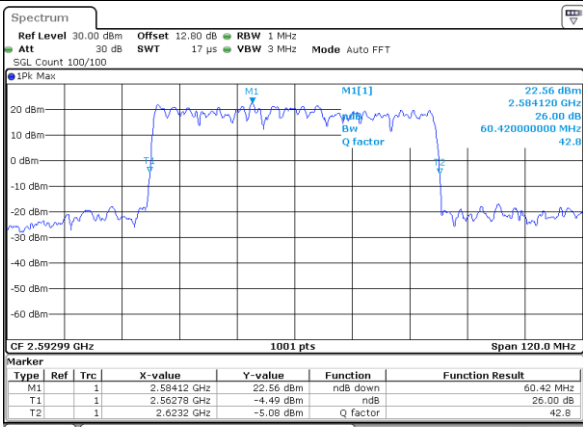
256QAM

Lowest Channel



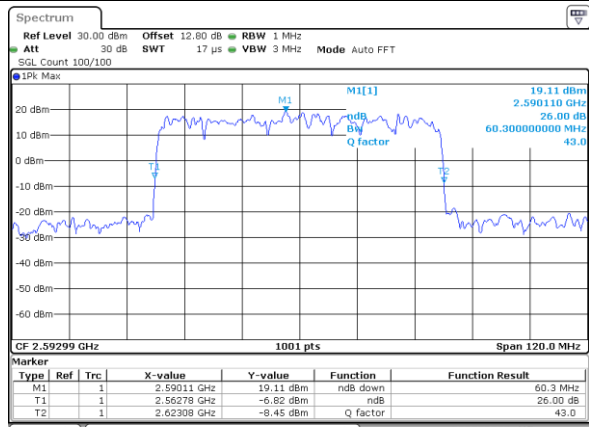
Date: 20 JUN 2020 02:22:29

Middle Channel



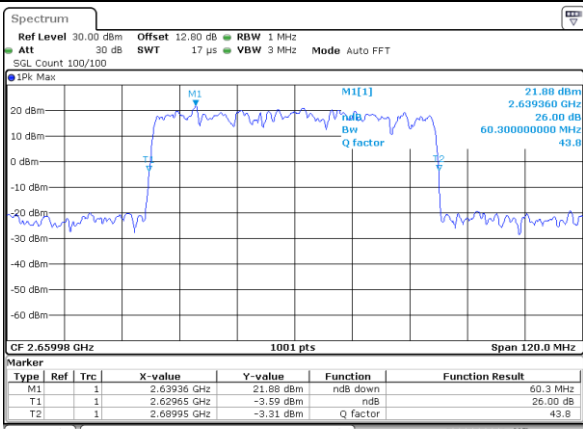
Date: 19 JUN 2020 23:34:57

Middle Channel



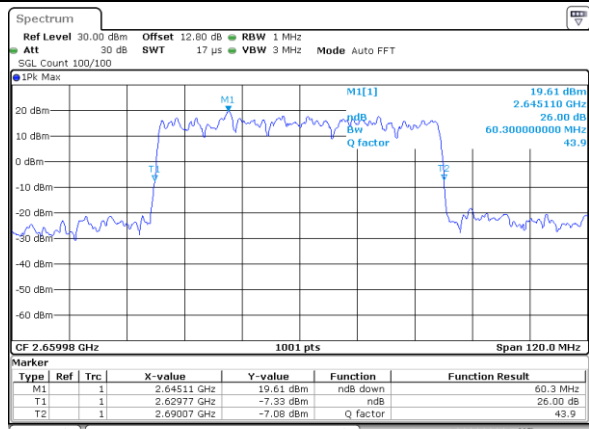
Date: 20 JUN 2020 02:12:12

Highest Channel



Date: 19 JUN 2020 23:34:15

Highest Channel



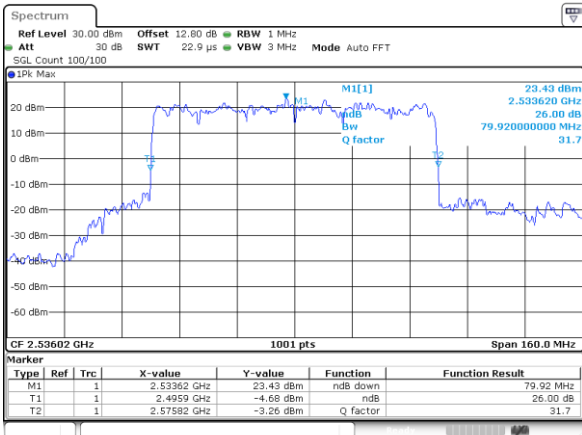
Date: 19 JUN 2020 23:52:17



FR1 n41 / 80MHz / DFT-S OFDM

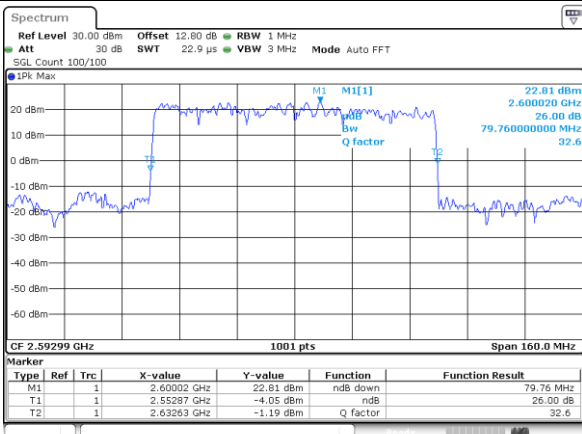
PI/2 BPSK

Lowest Channel



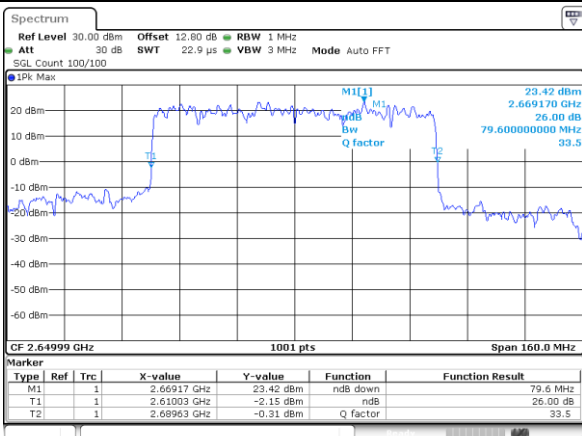
Date: 19\_JUN\_2020 22:45:11

Middle Channel



Date: 19\_JUN\_2020 22:49:11

Highest Channel



Date: 19\_JUN\_2020 23:02:32





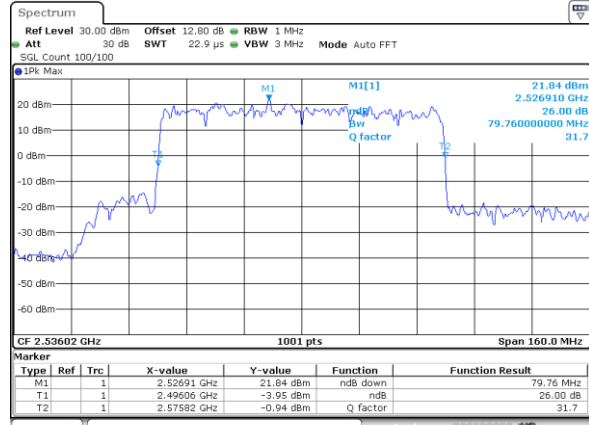
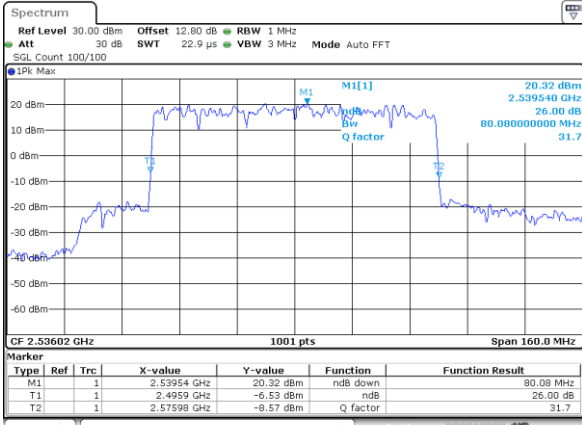
FR1 n41 / 80MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

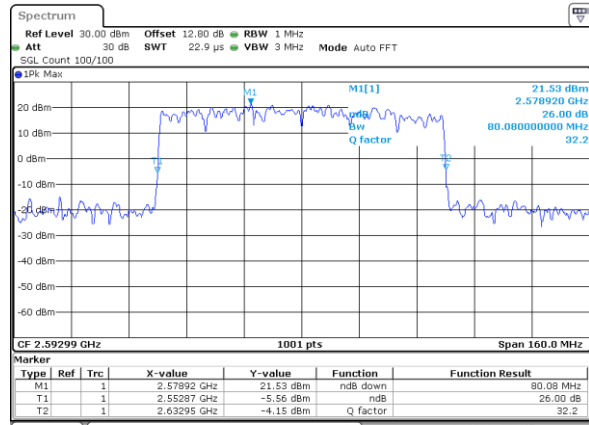
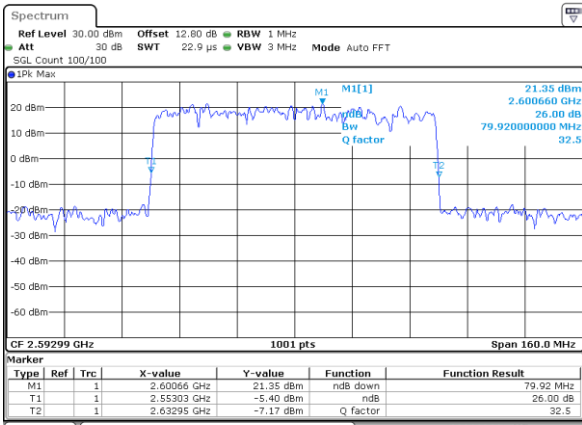


Date: 19\_JUN\_2020 22:43:04

Date: 19\_JUN\_2020 22:37:09

Middle Channel

Middle Channel

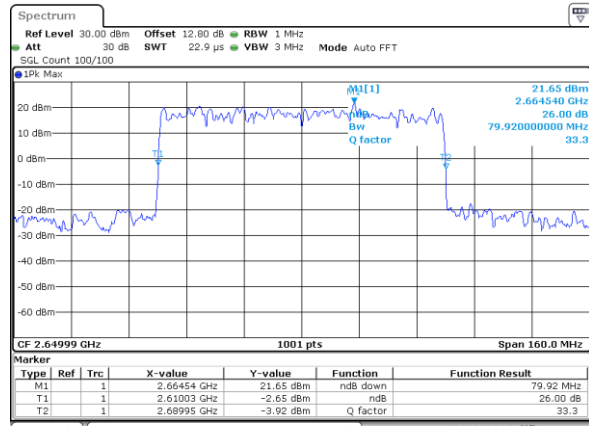
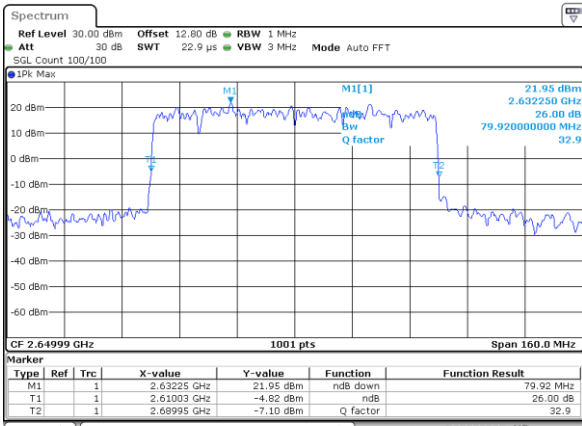


Date: 19\_JUN\_2020 22:42:11

Date: 19\_JUN\_2020 22:38:38

Highest Channel

Highest Channel



Date: 19\_JUN\_2020 22:40:46

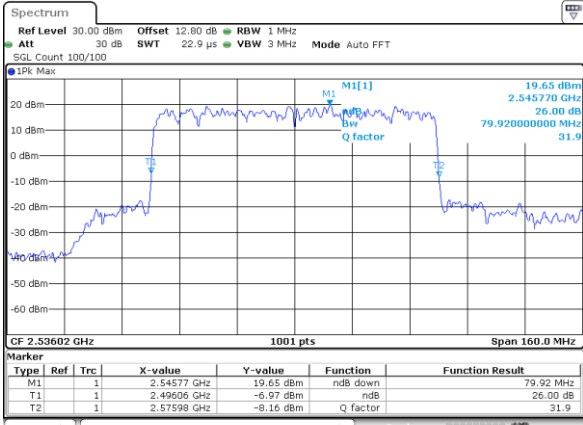
Date: 19\_JUN\_2020 22:39:31



FR1 n41 / 80MHz / CP OFDM

64QAM

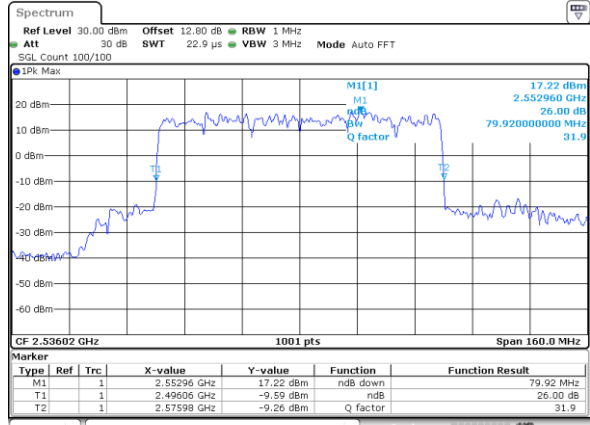
Lowest Channel



Date: 19\_JUN\_2020 22:33:37

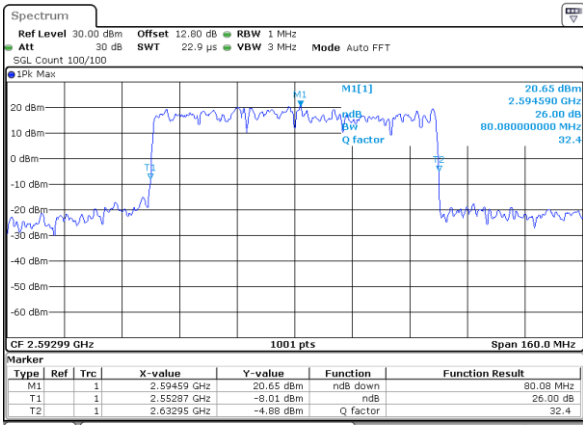
256QAM

Lowest Channel



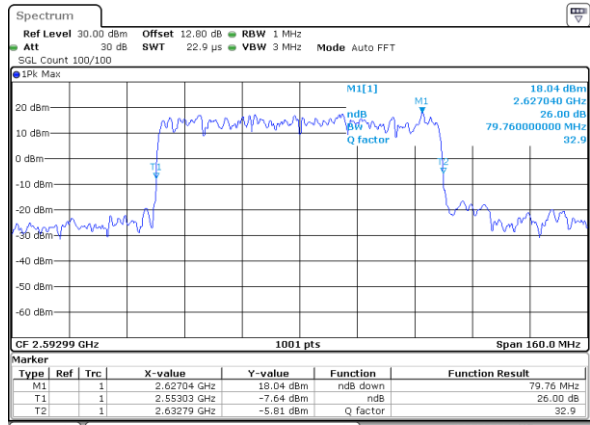
Date: 19\_JUN\_2020 22:25:47

Middle Channel



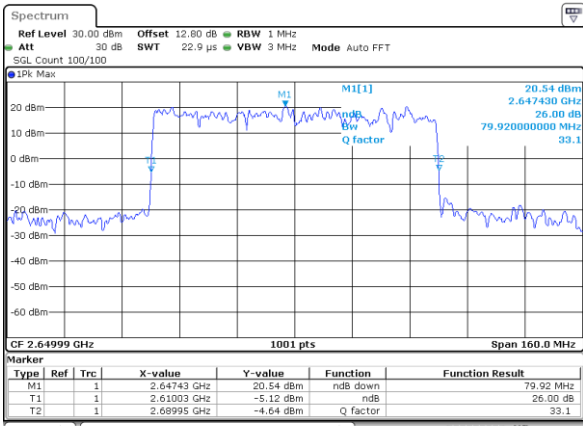
Date: 19\_JUN\_2020 22:31:22

Middle Channel



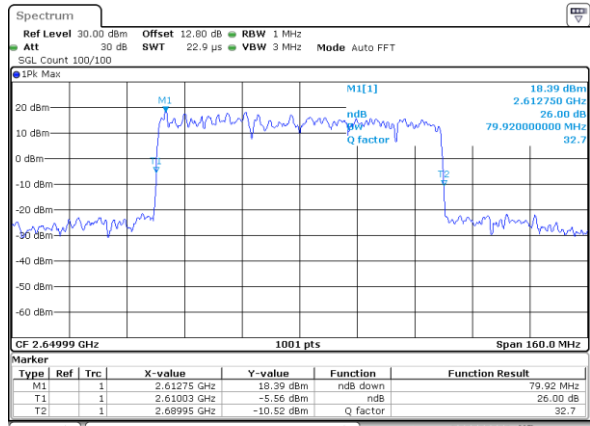
Date: 19\_JUN\_2020 22:27:01

Highest Channel



Date: 19\_JUN\_2020 22:30:11

Highest Channel



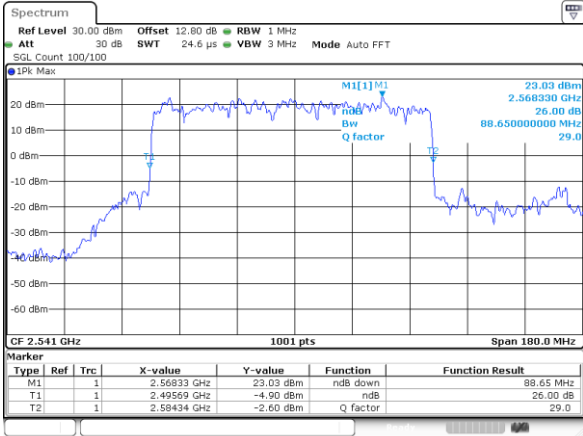
Date: 19\_JUN\_2020 22:28:38



FR1 n41 / 90MHz / DFT-S OFDM

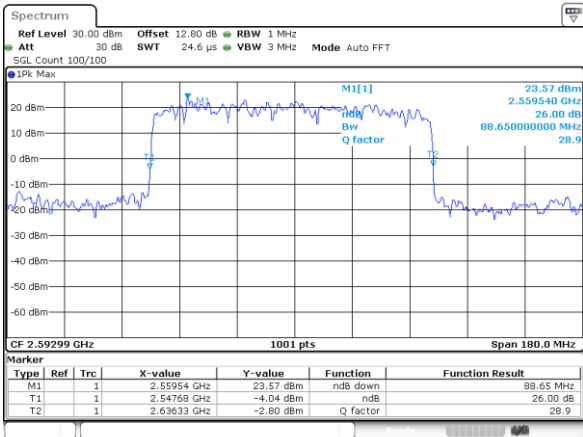
PI/2 BPSK

Lowest Channel



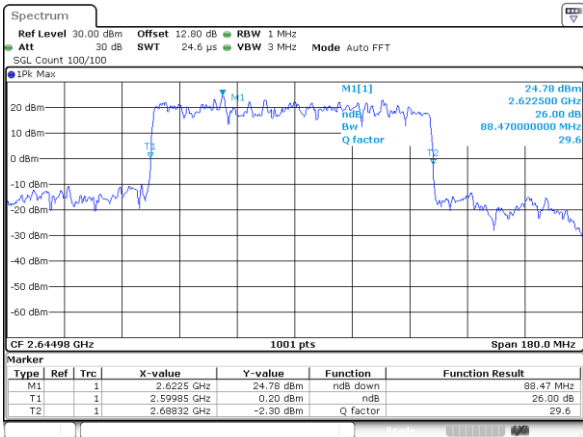
Date: 19 JUN 2020 20:54:30

Middle Channel



Date: 19 JUN 2020 21:25:21

Highest Channel



Date: 19 JUN 2020 21:26:27



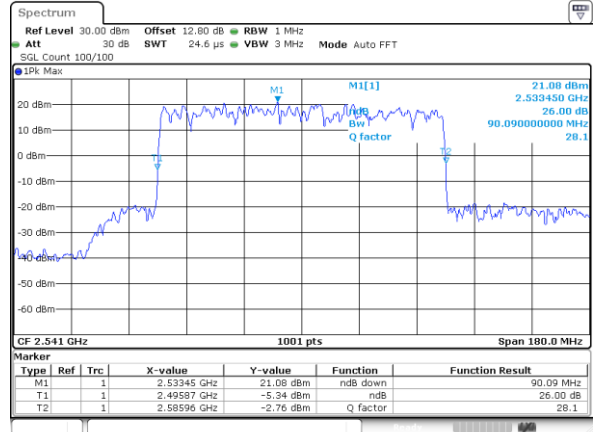
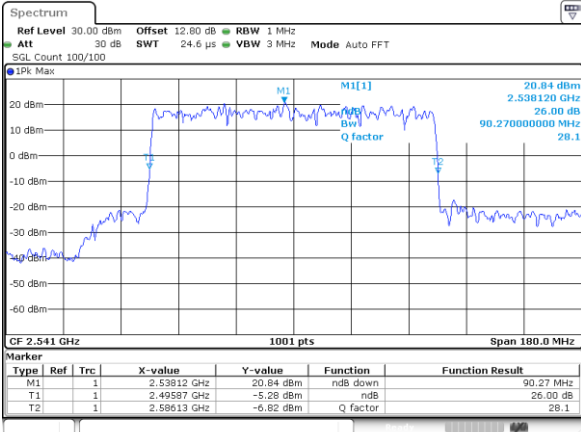
FR1 n41 / 90MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

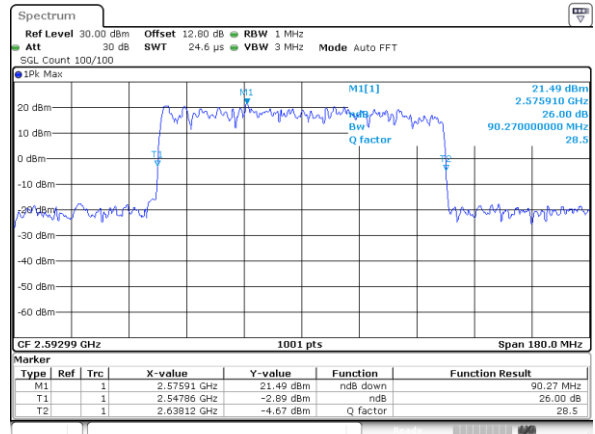
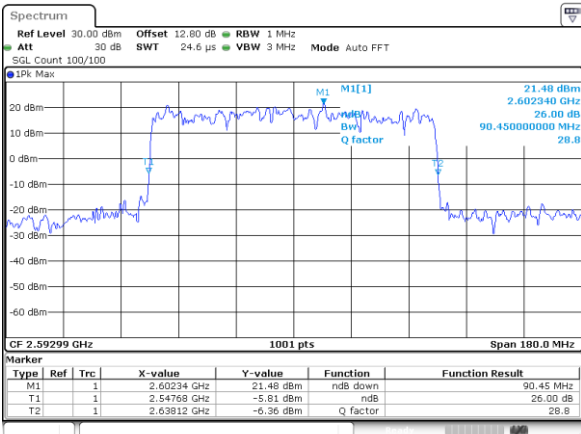


Date: 19\_JUN.2020 21:36:18

Date: 19\_JUN.2020 21:44:43

Middle Channel

Middle Channel

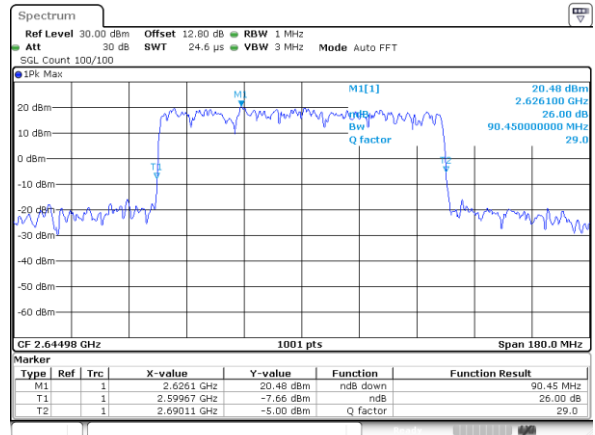
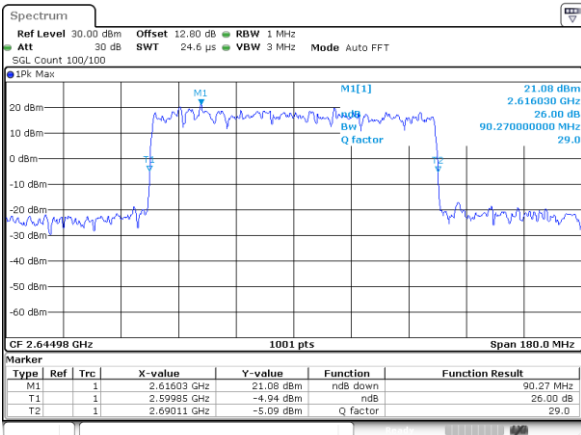


Date: 19\_JUN.2020 21:39:28

Date: 19\_JUN.2020 21:43:37

Highest Channel

Highest Channel



Date: 19\_JUN.2020 21:40:46

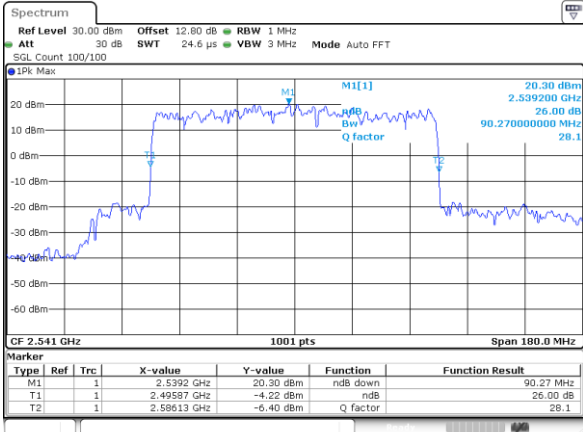
Date: 19\_JUN.2020 21:42:11



FR1 n41 / 90MHz / CP OFDM

64QAM

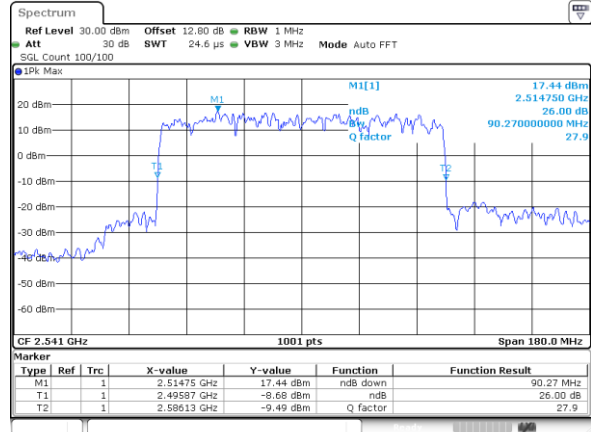
Lowest Channel



Date: 19 JUN 2020 21:47:23

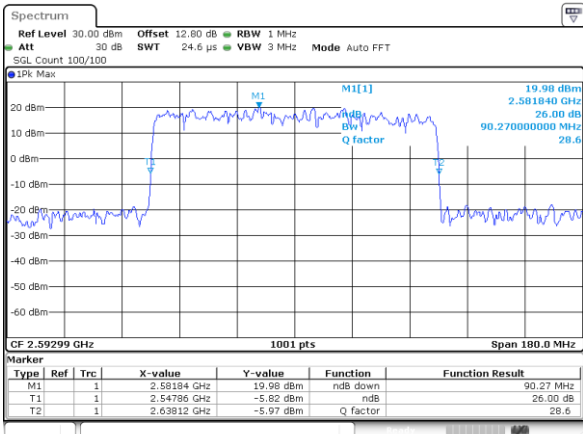
256QAM

Lowest Channel



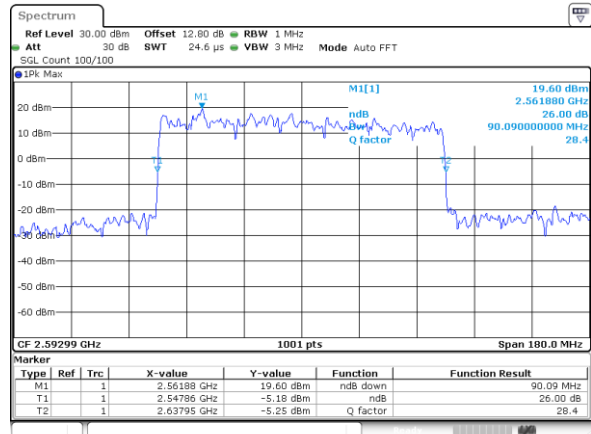
Date: 19 JUN 2020 22:12:22

Middle Channel



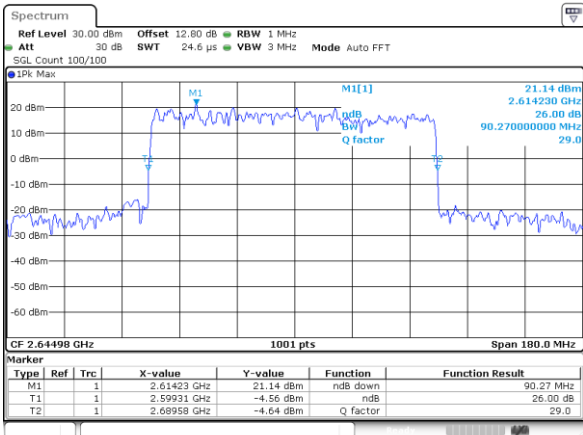
Date: 19 JUN 2020 21:49:40

Middle Channel



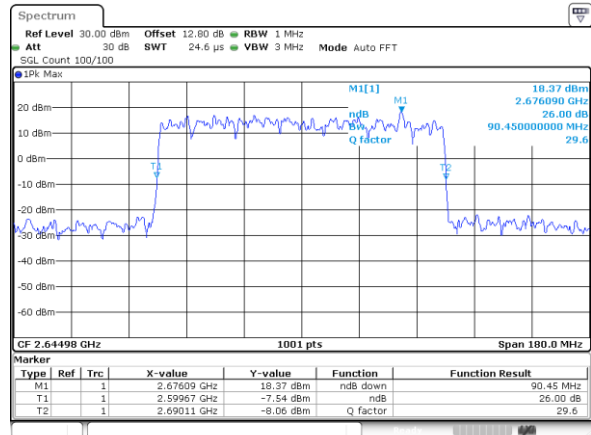
Date: 19 JUN 2020 22:09:51

Highest Channel



Date: 19 JUN 2020 21:52:27

Highest Channel



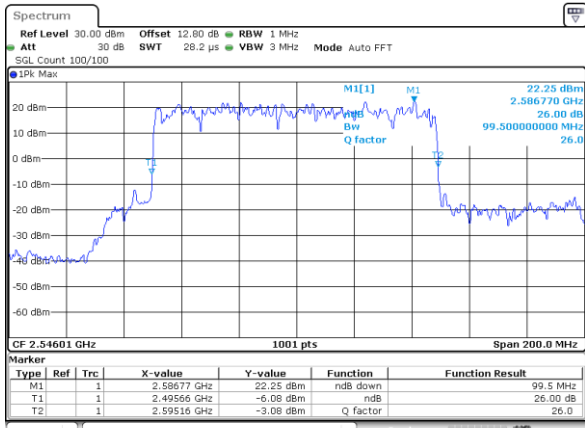
Date: 19 JUN 2020 22:10:49



FR1 n41 / 100MHz / DFT-S OFDM

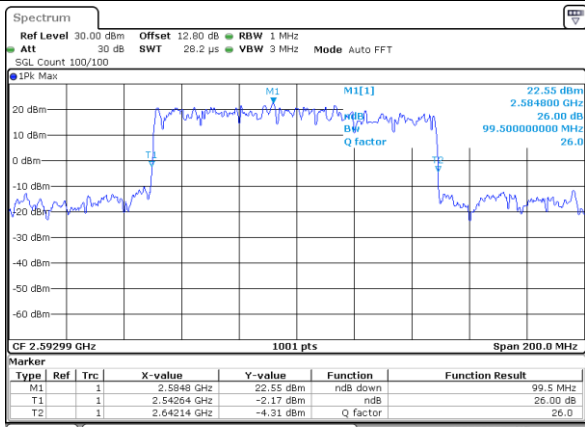
PI/2 BPSK

Lowest Channel



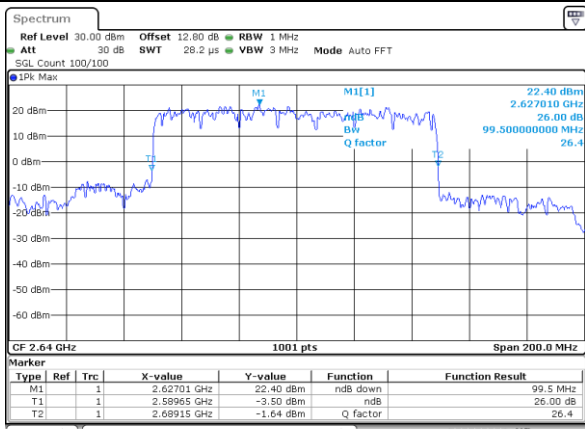
Date: 19 JUN 2020 15:41:25

Middle Channel



Date: 19 JUN 2020 15:17:59

Highest Channel



Date: 19 JUN 2020 19:40:44



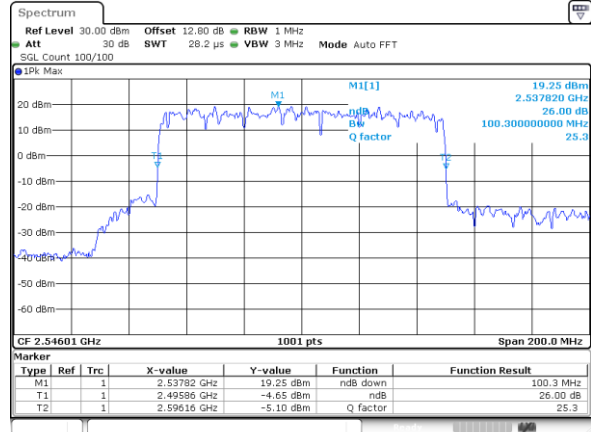
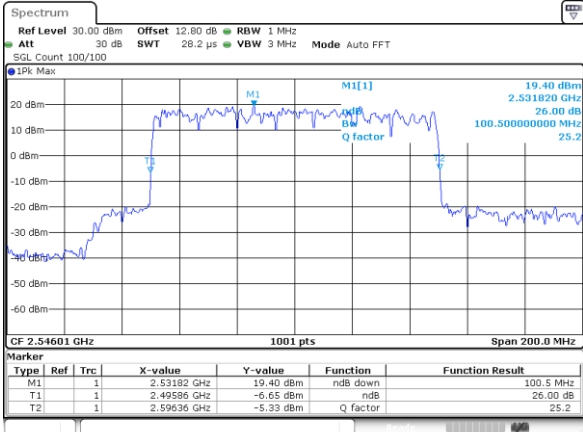
FR1 n41 / 100MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

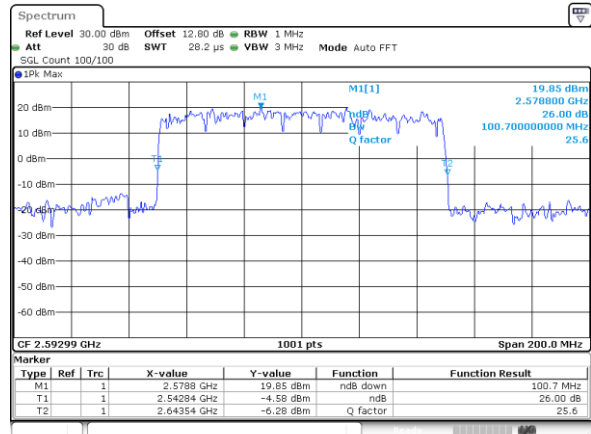
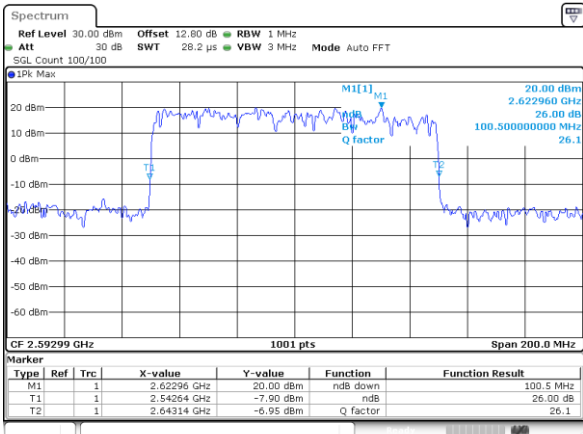


Date: 19\_JUN\_2020 15:42:32

Date: 19\_JUN\_2020 15:43:16

Middle Channel

Middle Channel

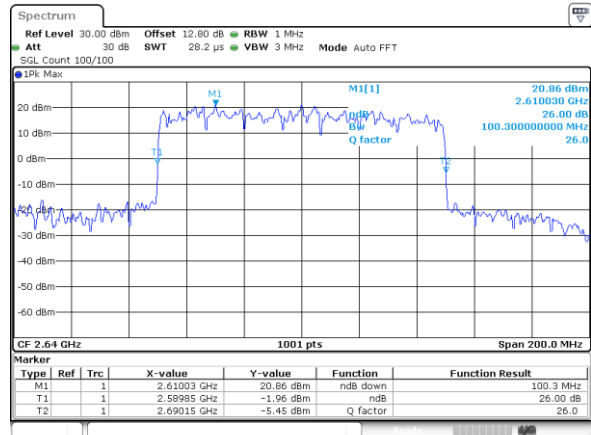
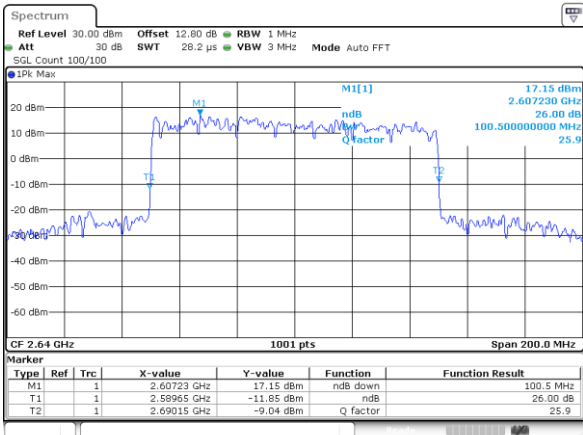


Date: 19\_JUN\_2020 15:10:35

Date: 19\_JUN\_2020 15:05:49

Highest Channel

Highest Channel



Date: 19\_JUN\_2020 19:31:24

Date: 19\_JUN\_2020 19:37:53



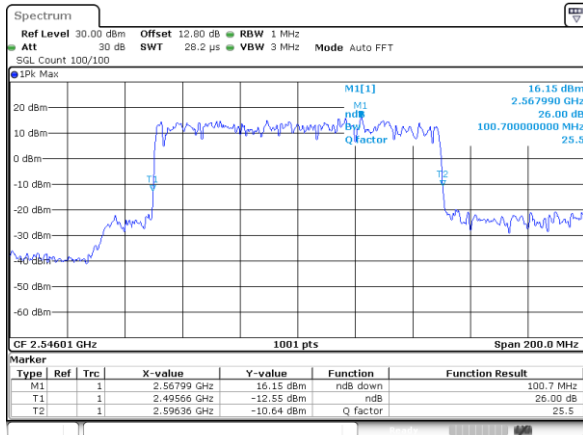
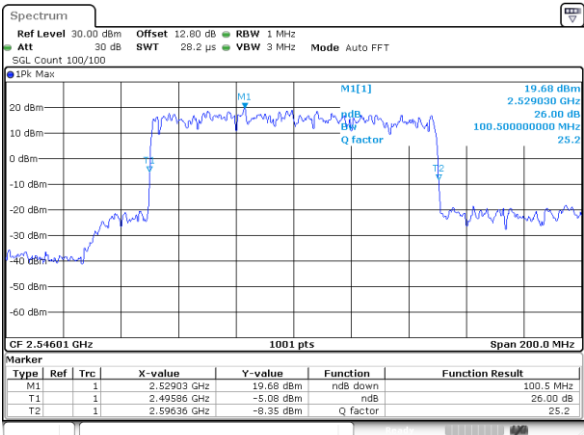
FR1 n41 / 100MHz / CP OFDM

64QAM

256QAM

Lowest Channel

Lowest Channel

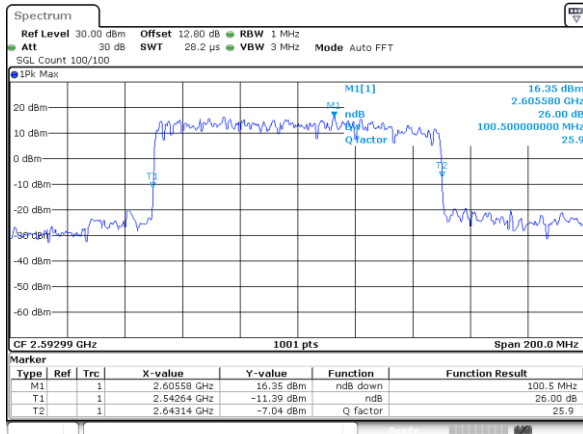
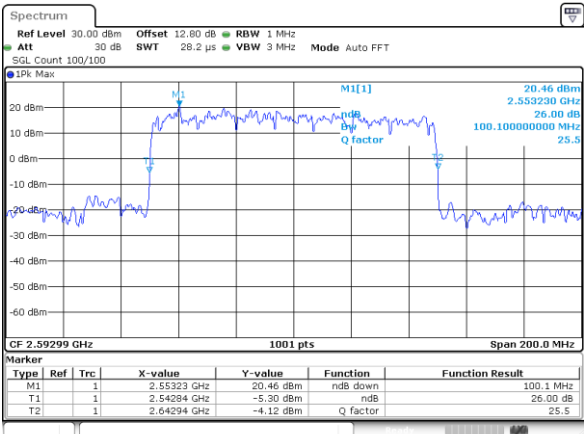


Date: 19\_JUN\_2020 15:44:34

Date: 19\_JUN\_2020 15:46:32

Middle Channel

Middle Channel

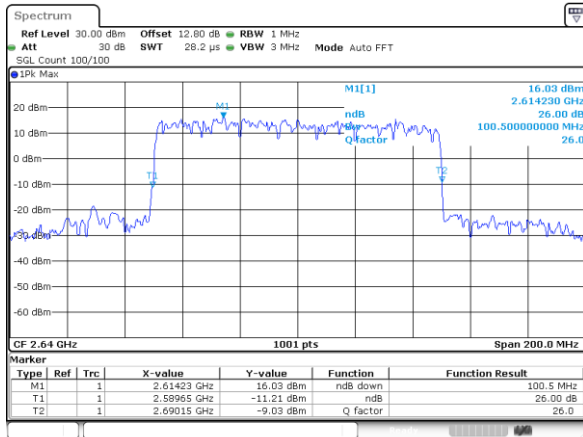
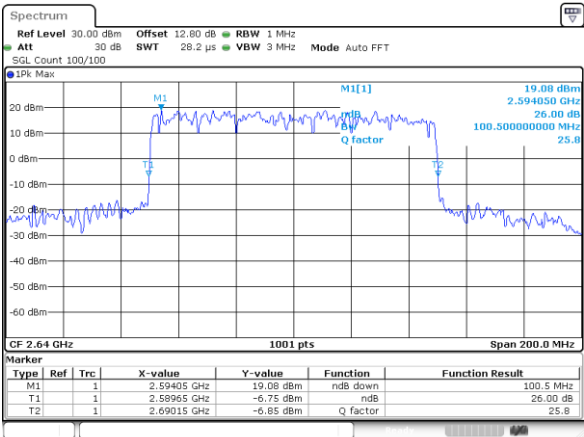


Date: 19\_JUN\_2020 15:06:56

Date: 19\_JUN\_2020 15:08:47

Highest Channel

Highest Channel



Date: 19\_JUN\_2020 19:42:18

Date: 19\_JUN\_2020 19:41:36





**Occupied Bandwidth**

Mode BW Mod.	FR1 n41 : OB BW(MHz) / DFT-S OFDM							
	20MHz	40MHz	50MHz	60MHz	80MHz	90MHz	100MHz	
	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	
Lowest CH	17.90	36.04	46.05	57.78	76.72	85.77	96.70	
Middle CH	17.86	36.12	46.05	57.54	76.72	85.59	96.30	
Highest CH	17.90	36.28	45.95	58.26	77.04	85.23	95.90	

Mode BW Mod.	FR1 n41 : OB BW(MHz) / CP OFDM							
	20MHz		40MHz		50MHz		60MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	18.26	18.22	38.04	37.96	47.45	47.35	57.54	57.78
Middle CH	18.22	18.22	37.80	38.04	47.35	47.55	57.66	57.78
Highest CH	18.14	18.14	38.04	37.88	47.35	47.55	57.90	57.54

Mode BW Mod.	FR1 n41 :OB BW(MHz) / CP OFDM							
	20MHz		40MHz		50MHz		60MHz	
	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	18.22	18.18	37.96	37.64	47.45	47.45	57.90	57.66
Middle CH	18.26	18.18	38.04	38.36	47.85	47.45	57.66	57.90
Highest CH	18.14	18.22	38.04	38.12	47.75	47.65	57.90	57.78

Mode BW Mod.	FR1 n41 : OB BW(MHz) / CP OFDM							
	80MHz		90MHz		100MHz			
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	77.20	77.20	87.21	87.21	96.70	97.30		
Middle CH	77.84	77.52	87.03	87.21	97.30	97.10		
Highest CH	77.52	77.52	87.39	86.85	97.10	97.30		

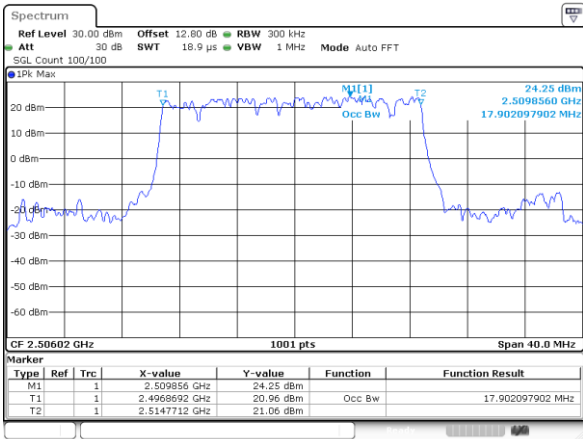
Mode BW Mod.	FR1 n41 : OB BW(MHz) / CP OFDM							
	80MHz		90MHz		100MHz			
	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	77.20	77.52	87.39	87.03	97.10	97.30		
Middle CH	76.72	76.88	87.57	87.57	97.10	96.90		
Highest CH	77.52	77.20	87.21	87.39	97.30	97.50		



FR1 n41 / 20MHz / DFT-S OFDM

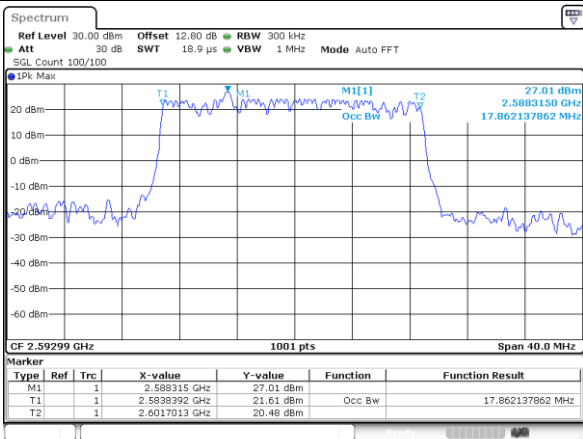
PI/2 BPSK

Lowest Channel



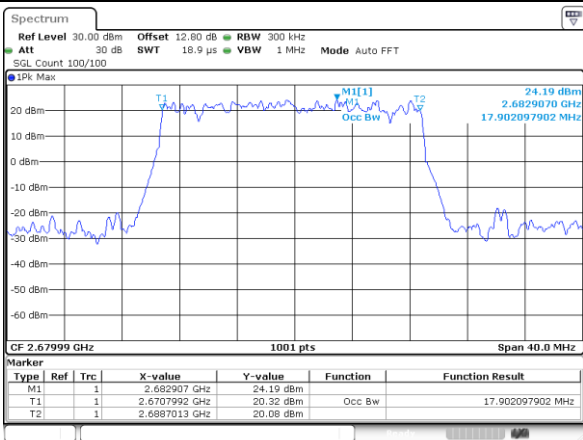
Date: 21 JUN 2020 03:09:05

Middle Channel



Date: 21 JUN 2020 03:19:42

Highest Channel



Date: 21 JUN 2020 03:28:24