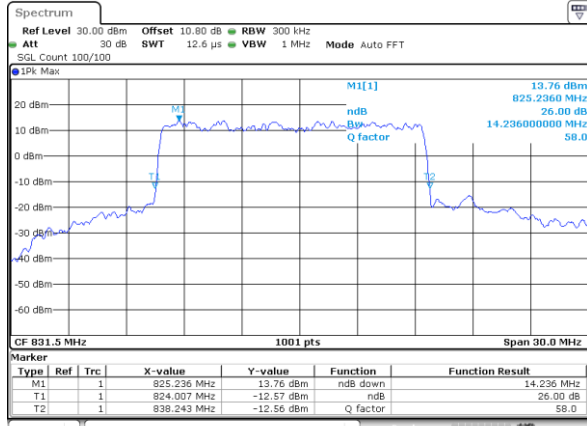


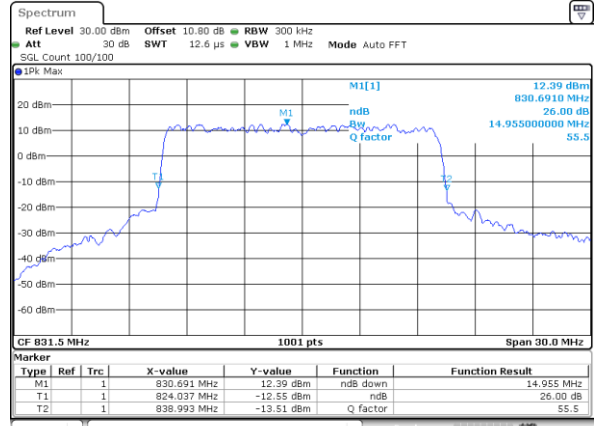


FR1 n5 / 15MHz / QPSK

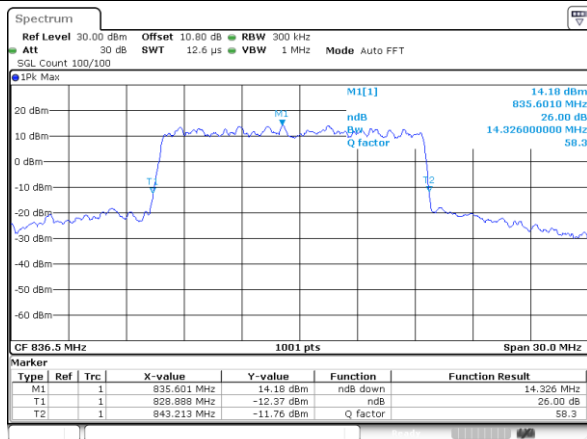
Lowest Channel / DFT-S OFDM



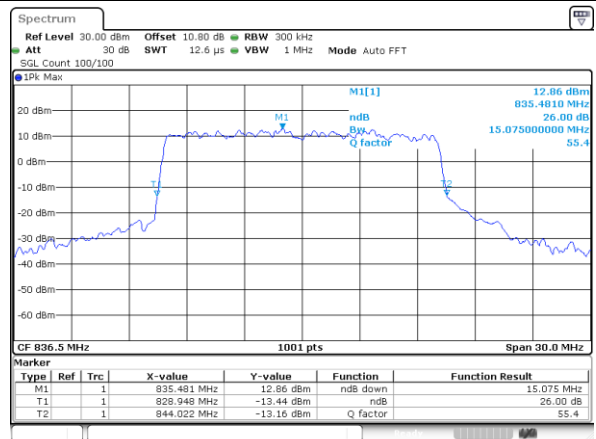
Lowest Channel / CP OFDM



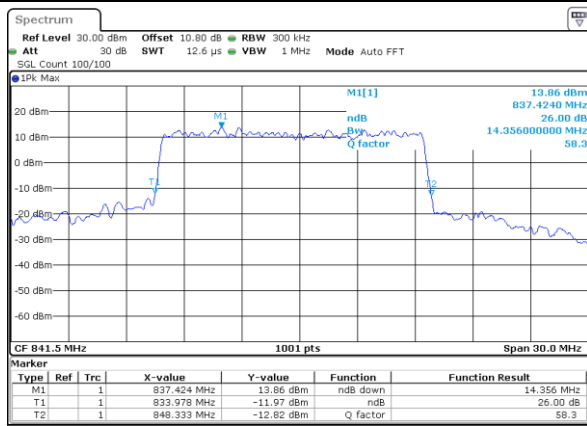
Middle Channel / DFT-S OFDM



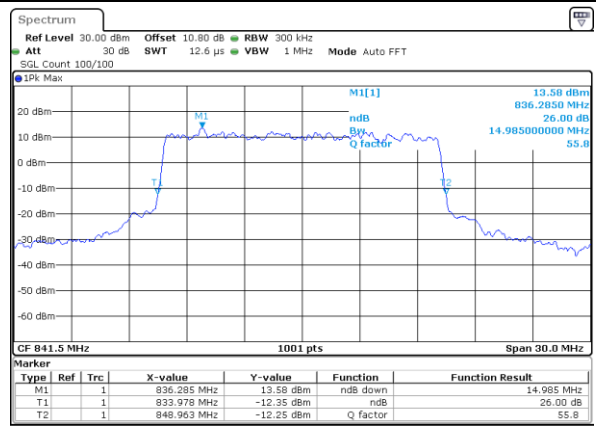
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



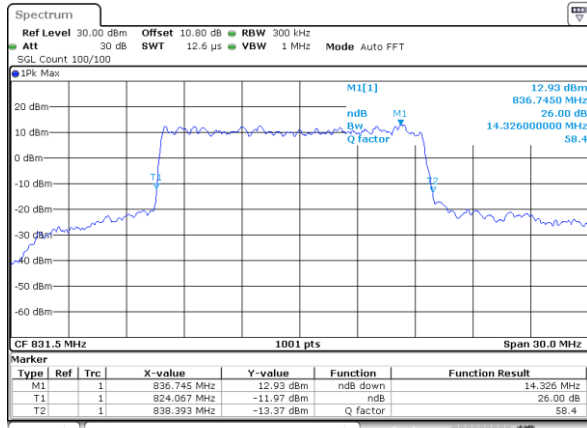
Highest Channel / CP OFDM



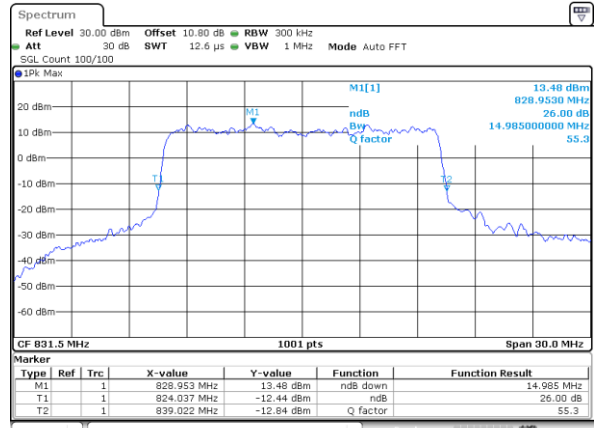


FR1 n5 / 15MHz / 16QAM

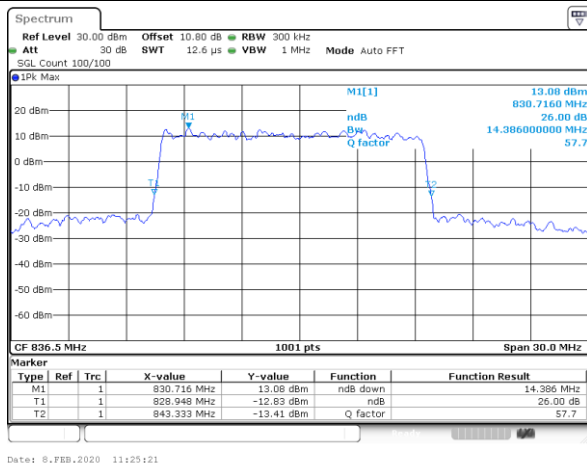
Lowest Channel / DFT-S OFDM



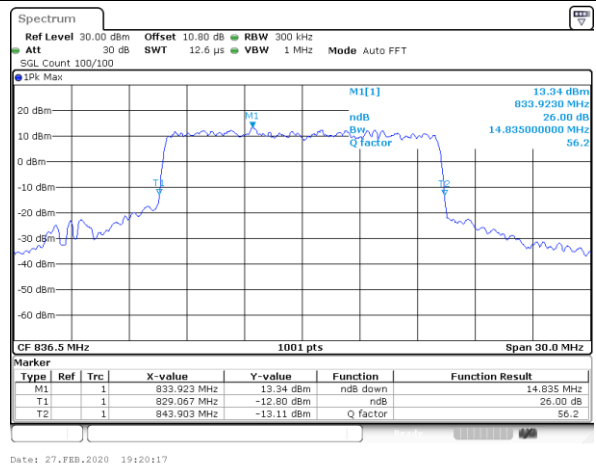
Lowest Channel / CP OFDM



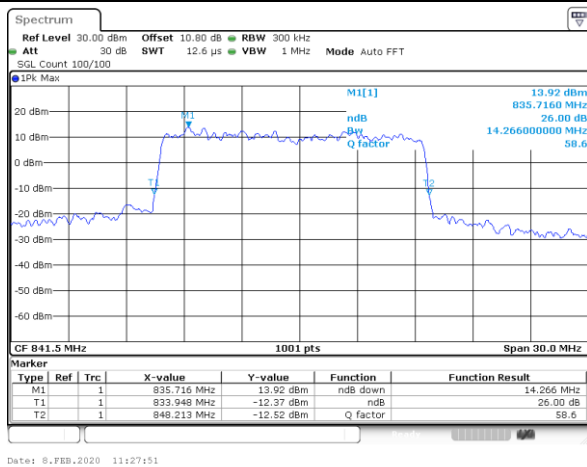
Middle Channel / DFT-S OFDM



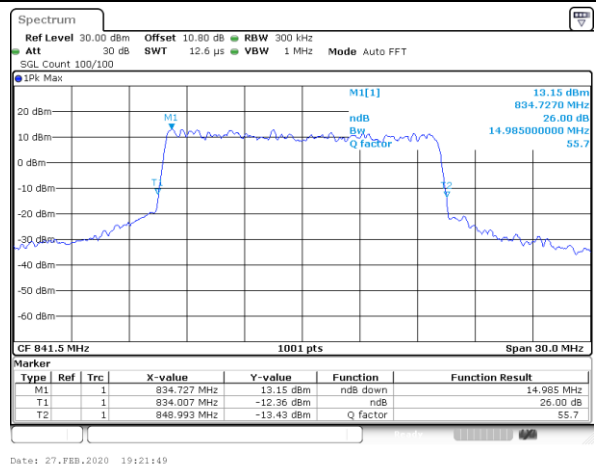
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



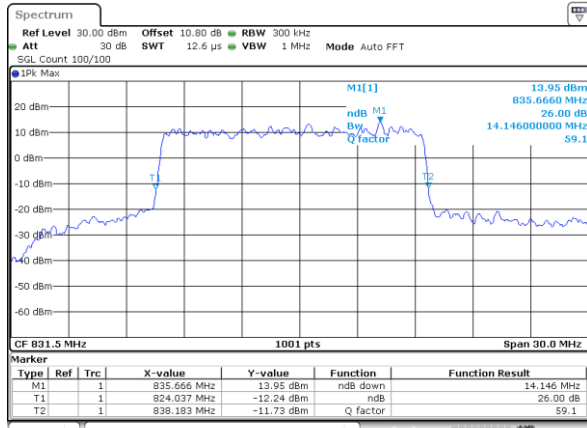
Highest Channel / CP OFDM





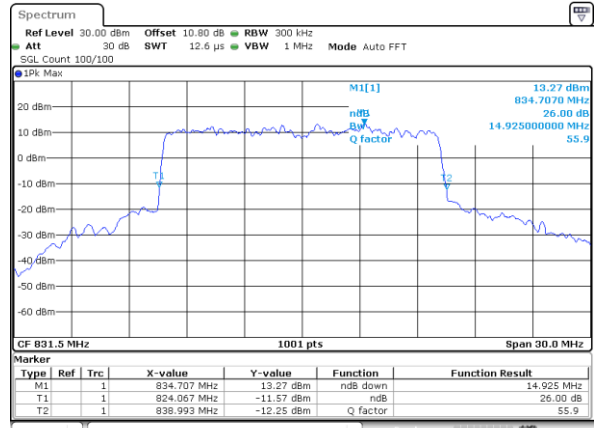
FR1 n5 / 15MHz / 64QAM

Lowest Channel / DFT-S OFDM



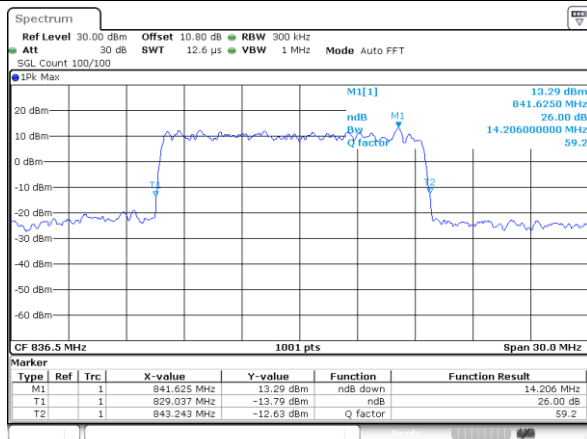
Date: 8.FEB.2020 11:23:29

Lowest Channel / CP OFDM



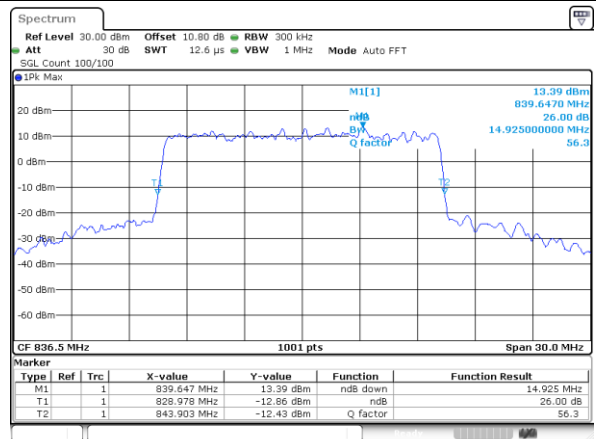
Date: 27.FEB.2020 19:16:48

Middle Channel / DFT-S OFDM



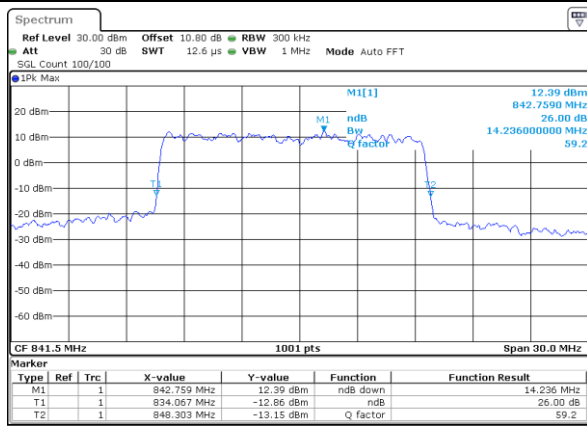
Date: 8.FEB.2020 11:26:22

Middle Channel / CP OFDM



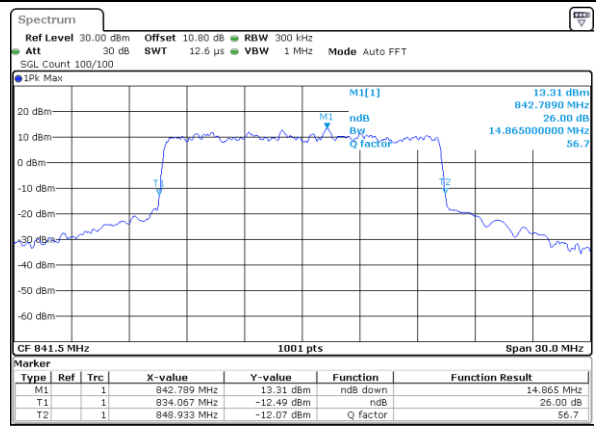
Date: 27.FEB.2020 19:19:29

Highest Channel / DFT-S OFDM



Date: 8.FEB.2020 11:28:30

Highest Channel / CP OFDM

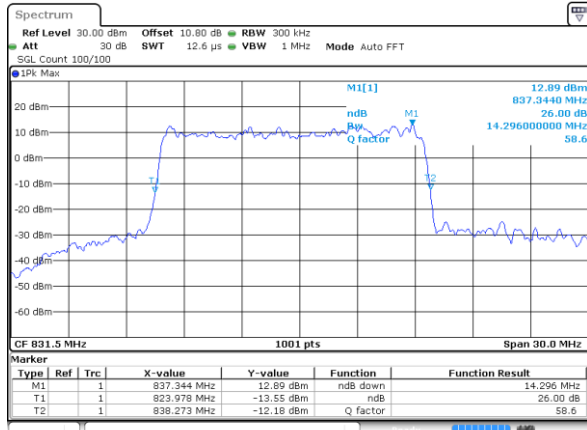


Date: 27.FEB.2020 19:22:32

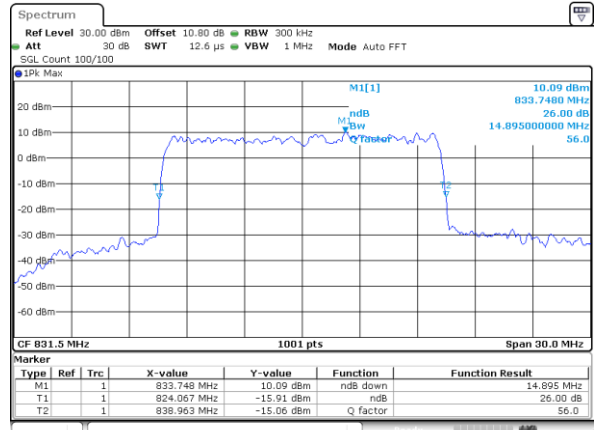


FR1 n5 / 15MHz / 256QAM

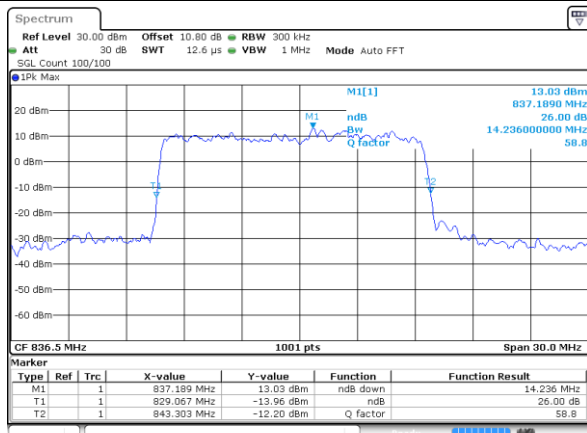
Lowest Channel / DFT-S OFDM



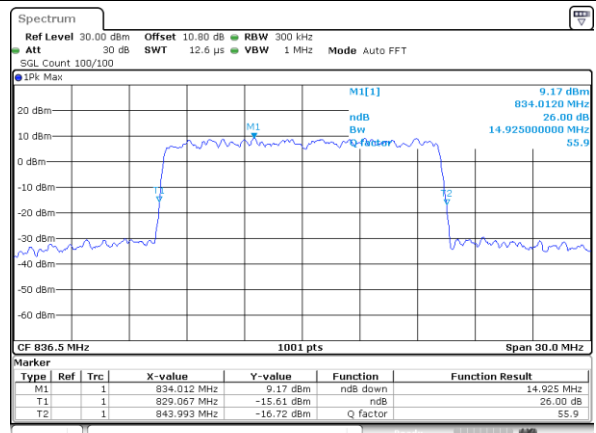
Lowest Channel / CP OFDM



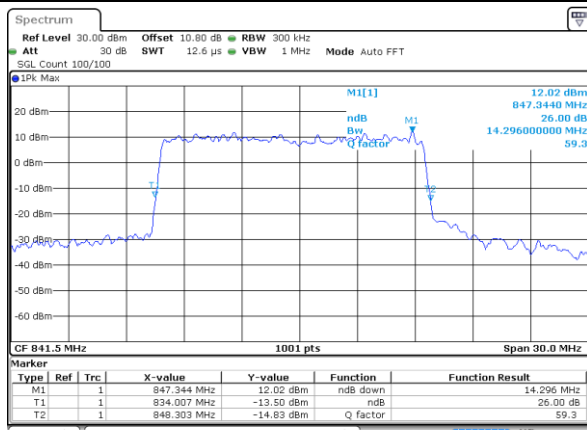
Middle Channel / DFT-S OFDM



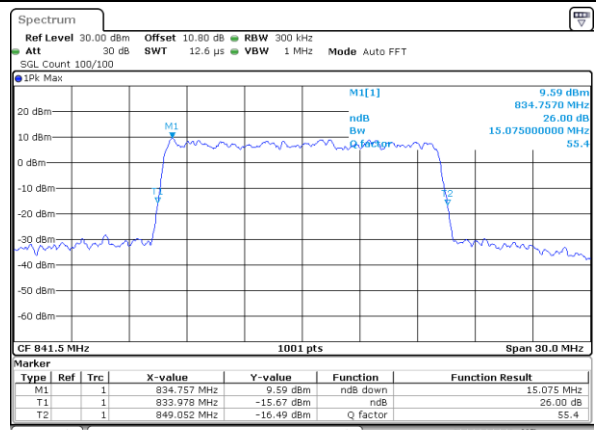
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



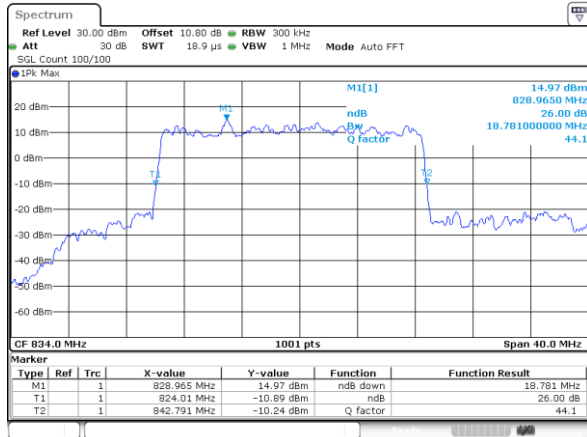
Highest Channel / CP OFDM



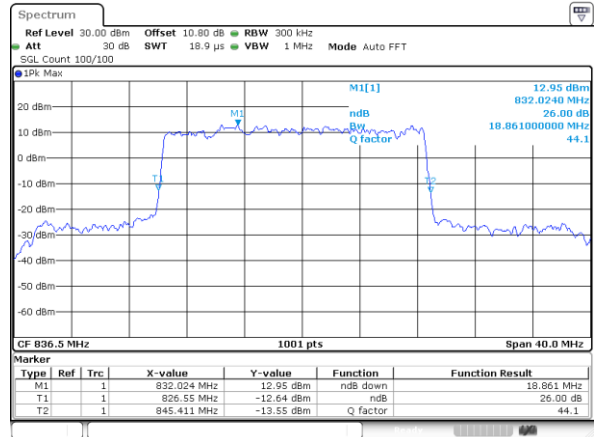


FR1 n5 / 20MHz / PI/2 BPSK

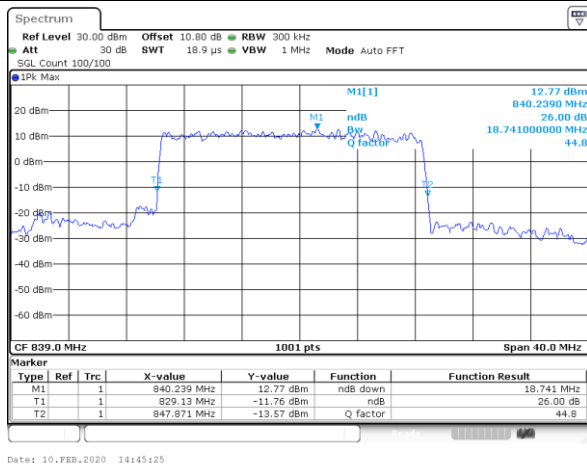
Lowest Channel / DFT-S OFDM



Middle Channel / DFT-S OFDM



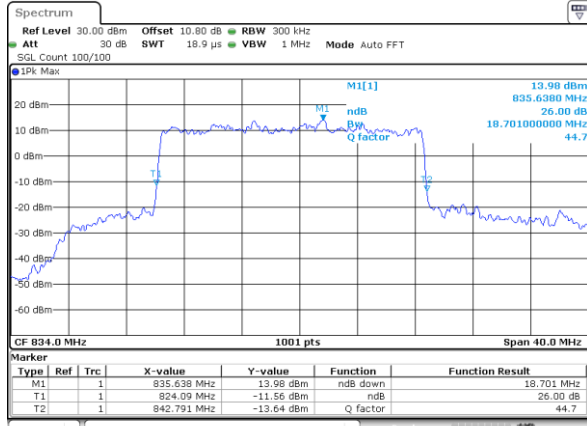
Highest Channel / DFT-S OFDM



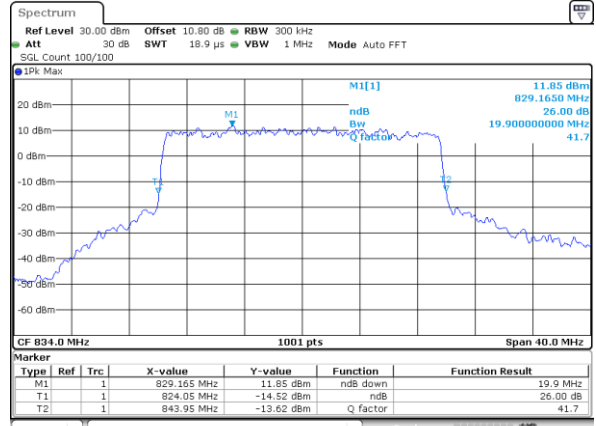


FR1 n5 / 20MHz / QPSK

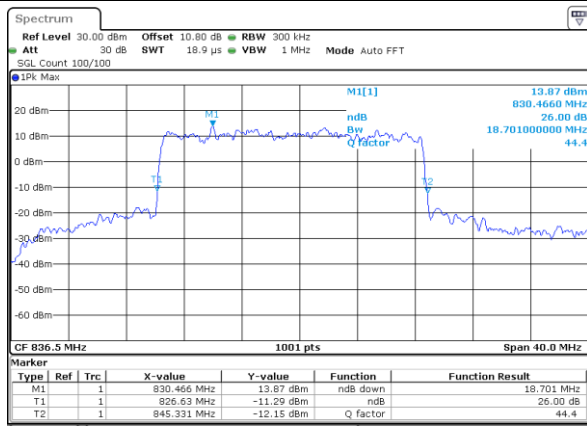
Lowest Channel / DFT-S OFDM



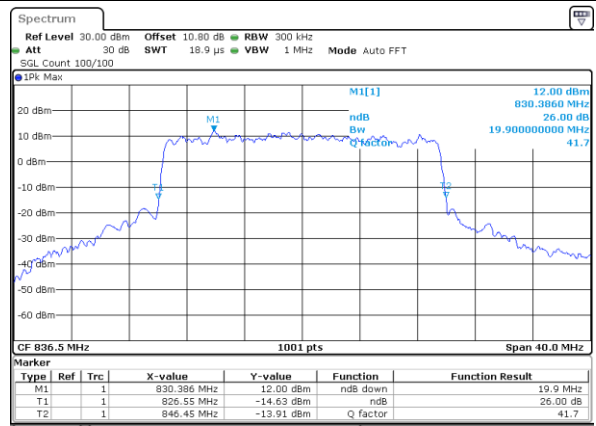
Lowest Channel / CP OFDM



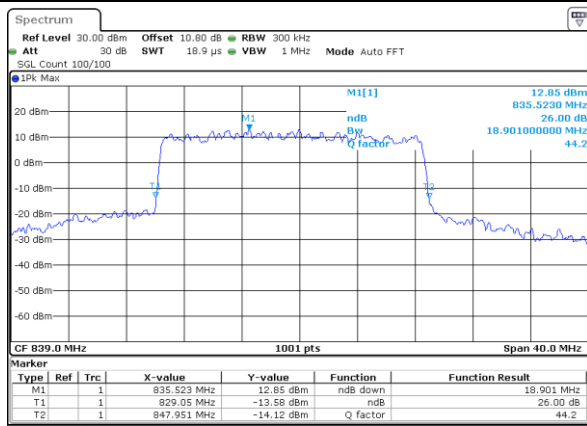
Middle Channel / DFT-S OFDM



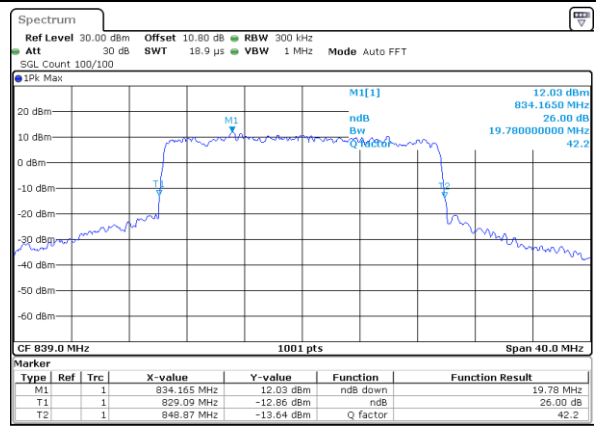
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



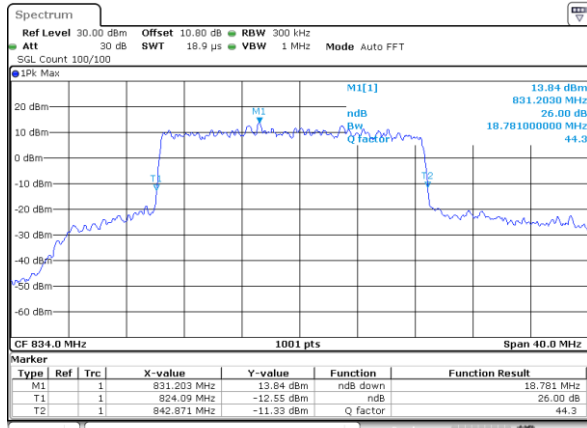
Highest Channel / CP OFDM





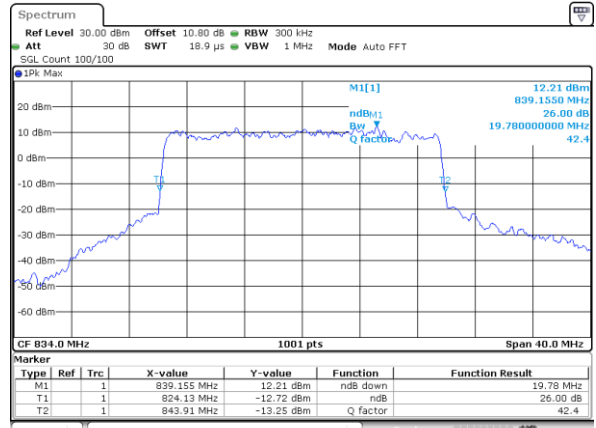
FR1 n5 / 20MHz / 16QAM

Lowest Channel / DFT-S OFDM



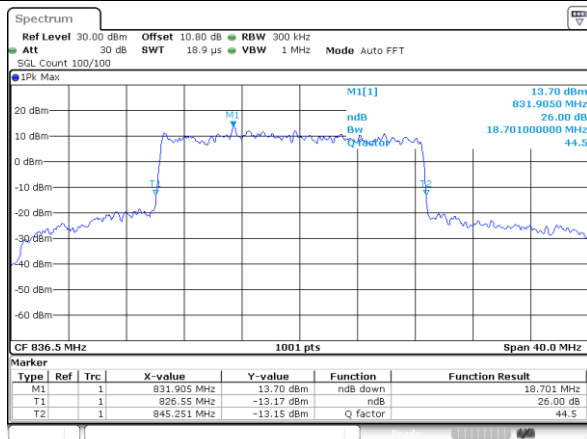
Date: 8.FEB.2020 11:31:04

Lowest Channel / CP OFDM



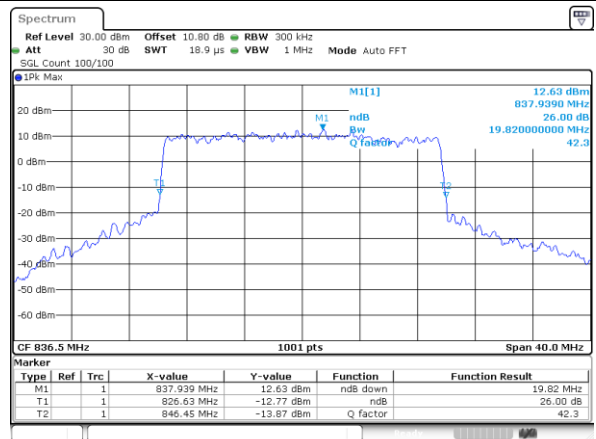
Date: 27.FEB.2020 17:49:36

Middle Channel / DFT-S OFDM



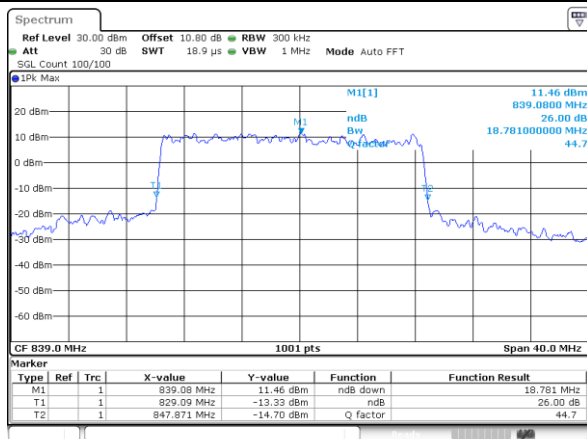
Date: 8.FEB.2020 11:34:27

Middle Channel / CP OFDM



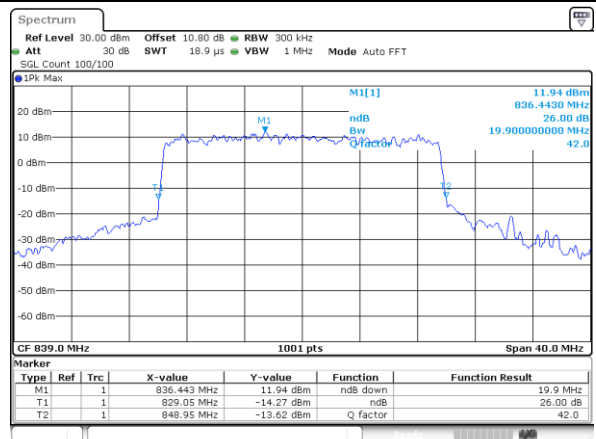
Date: 27.FEB.2020 17:45:57

Highest Channel / DFT-S OFDM



Date: 8.FEB.2020 11:36:51

Highest Channel / CP OFDM

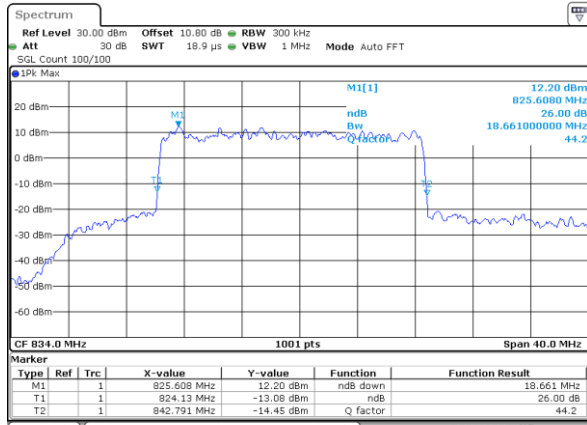


Date: 27.FEB.2020 17:42:50



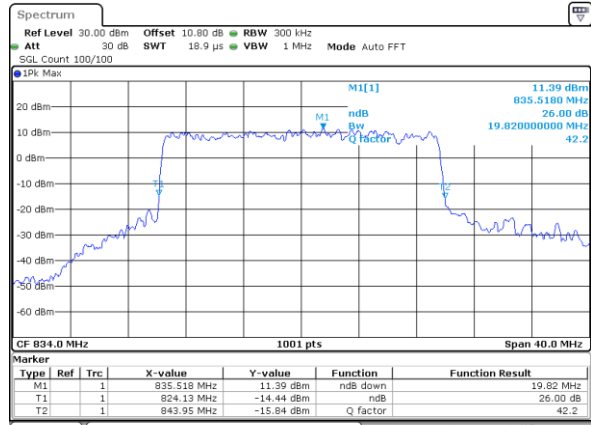
FR1 n5 / 20MHz / 64QAM

Lowest Channel / DFT-S OFDM



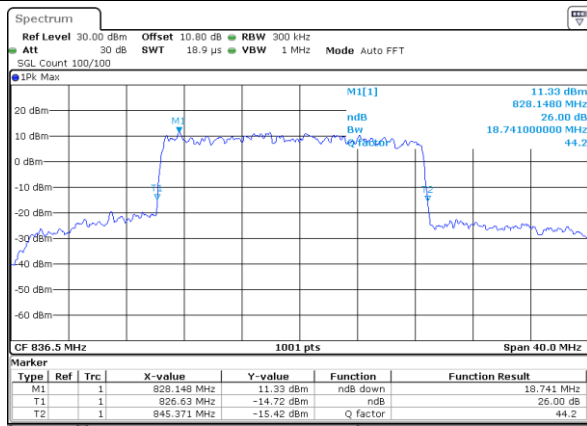
Date: 8.FEB.2020 11:32:09

Lowest Channel / CP OFDM



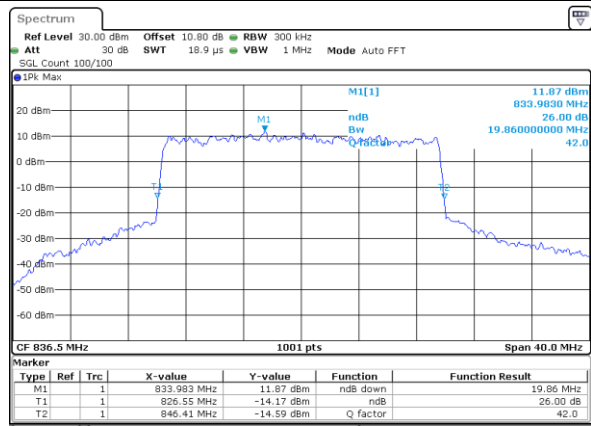
Date: 27.FEB.2020 17:49:04

Middle Channel / DFT-S OFDM



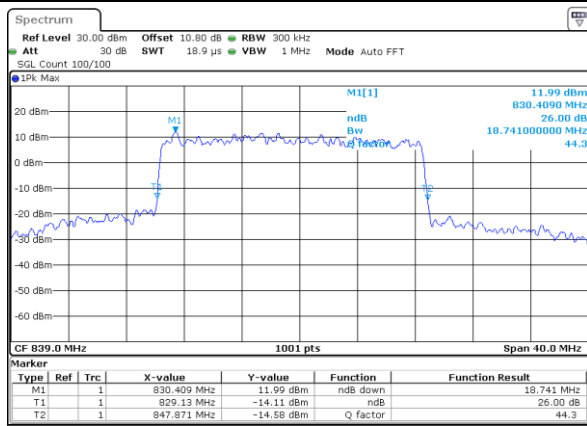
Date: 8.FEB.2020 11:35:04

Middle Channel / CP OFDM



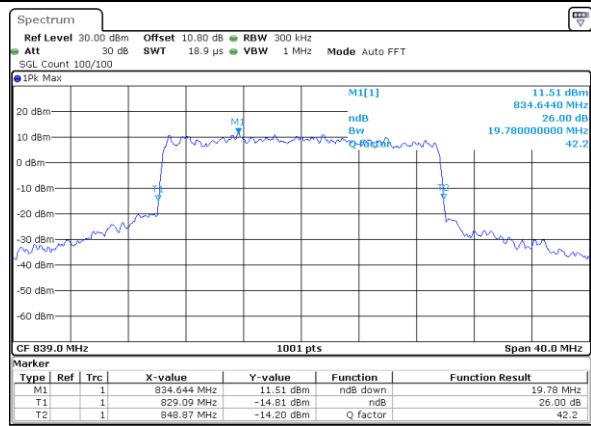
Date: 27.FEB.2020 17:46:23

Highest Channel / DFT-S OFDM



Date: 8.FEB.2020 11:37:50

Highest Channel / CP OFDM

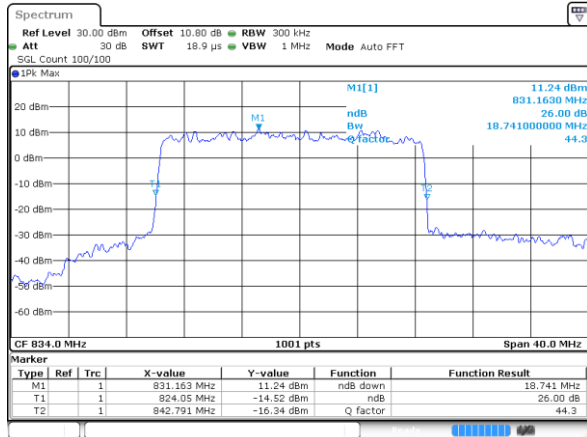


Date: 27.FEB.2020 17:41:58



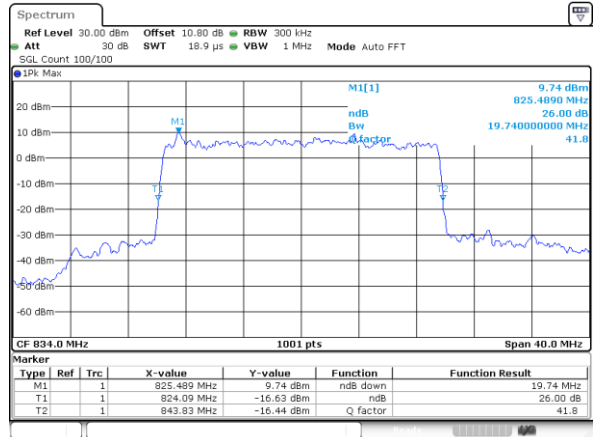
FR1 n5 / 20MHz / 256QAM

Lowest Channel / DFT-S OFDM



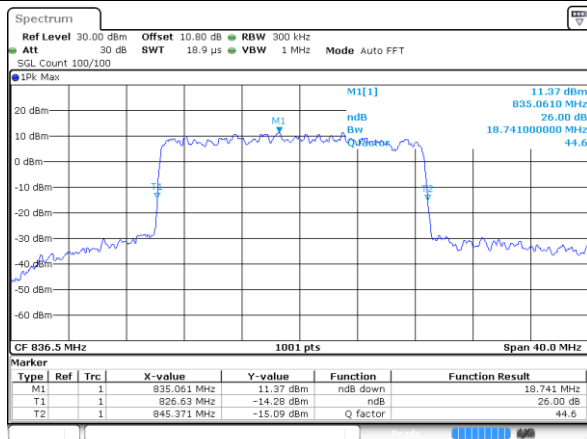
Date: 25.FEB.2020 11:57:58

Lowest Channel / CP OFDM



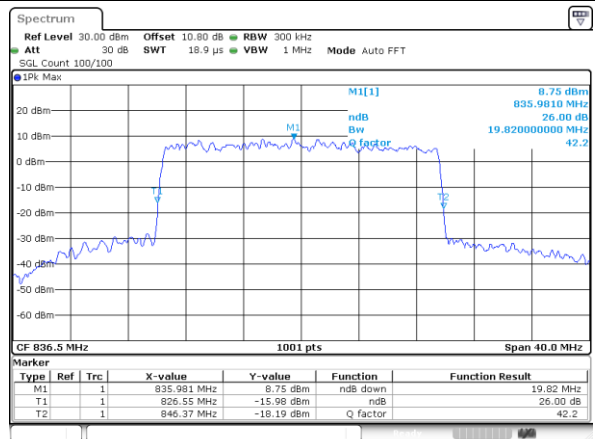
Date: 27.FEB.2020 17:48:42

Middle Channel / DFT-S OFDM



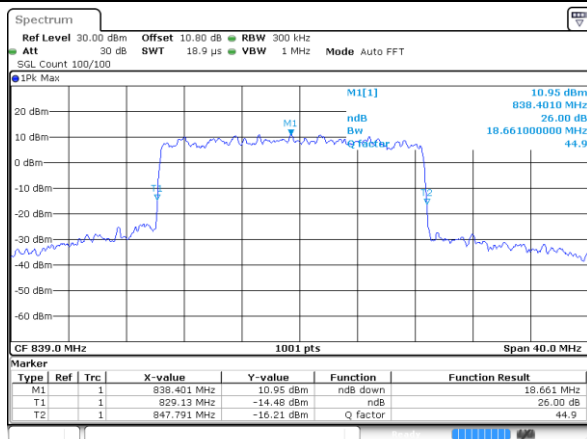
Date: 25.FEB.2020 11:58:26

Middle Channel / CP OFDM



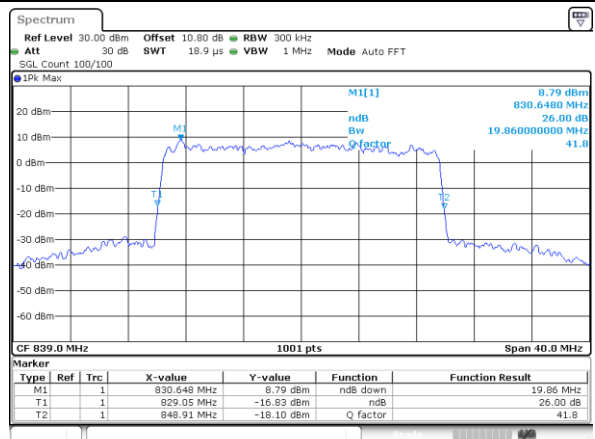
Date: 27.FEB.2020 17:46:49

Highest Channel / DFT-S OFDM



Date: 25.FEB.2020 11:53:51

Highest Channel / CP OFDM



Date: 27.FEB.2020 17:41:40

**Occupied Bandwidth**

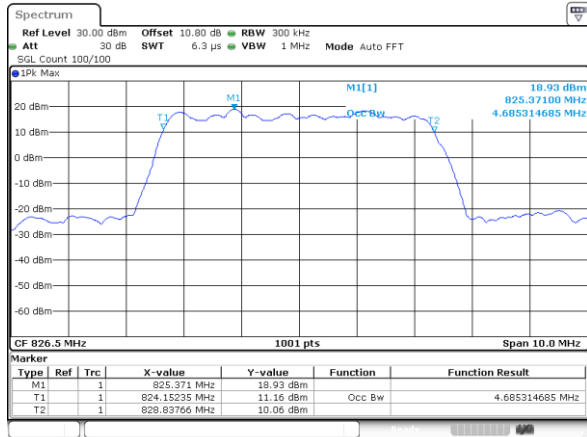
Mode	FR1 n5 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Lowest CH	4.69	4.68	9.05	9.05	13.46	13.49	17.90	17.90
Middle CH	4.67	4.48	9.07	9.03	13.46	13.49	17.90	17.90
Highest CH	4.73	4.68	9.07	9.05	13.49	13.55	17.90	17.90
Mode	FR1 n5 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM
Lowest CH	4.68	4.67	9.06	9.03	13.46	13.49	17.98	17.86
Middle CH	4.47	4.53	9.03	8.99	13.46	13.49	17.90	17.90
Highest CH	4.66	4.72	9.05	9.07	13.49	13.49	17.90	17.90
Mode	FR1 n5 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	256QAM	-	256QAM	-	256QAM	-	256QAM	-
Lowest CH	4.76	-	9.07	-	13.49	-	17.90	-
Middle CH	4.69	-	9.03	-	13.43	-	17.86	-
Highest CH	4.71	-	9.03	-	13.46	-	17.90	-

Mode	FR1 n5 : 99%OBW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.63	4.67	9.39	9.37	14.12	14.06	18.86	18.90
Middle CH	4.63	4.65	9.33	9.37	14.15	14.09	18.90	18.90
Highest CH	4.65	4.61	9.33	9.35	14.09	14.12	18.90	18.86
Mode	FR1 n5 : 99%OBW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	4.62	4.64	9.37	9.33	14.15	14.18	18.86	18.82
Middle CH	4.63	4.59	9.35	9.31	14.18	14.12	18.90	18.86
Highest CH	4.63	4.61	9.37	9.37	14.15	14.15	17.78	18.90

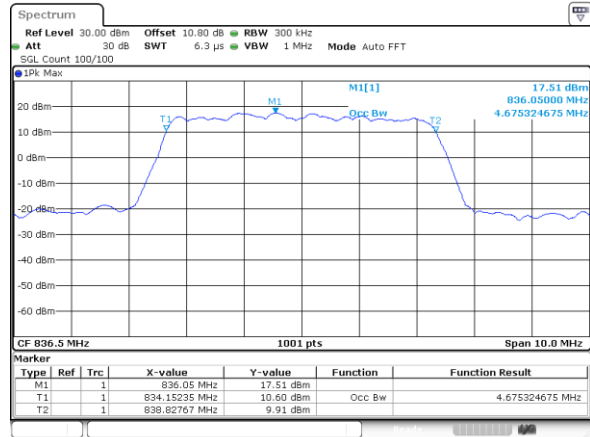


FR1 n5 / 5MHz / PI/2 BPSK

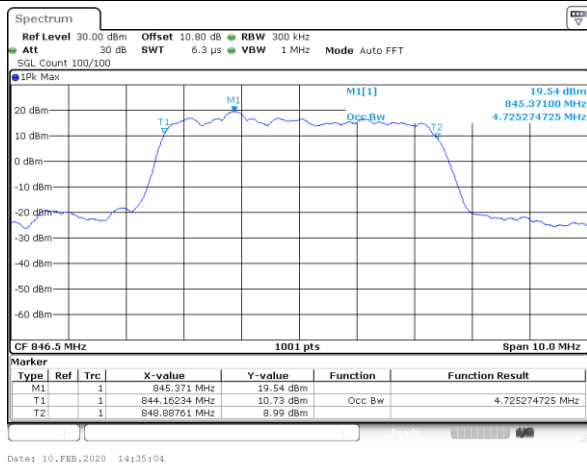
Lowest Channel / DFT-S OFDM



Middle Channel / DFT-S OFDM



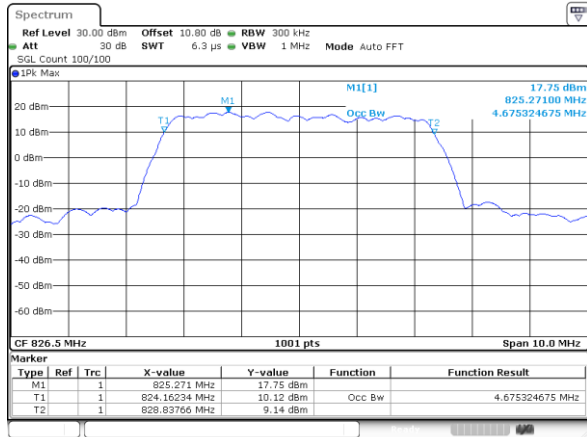
Highest Channel / DFT-S OFDM



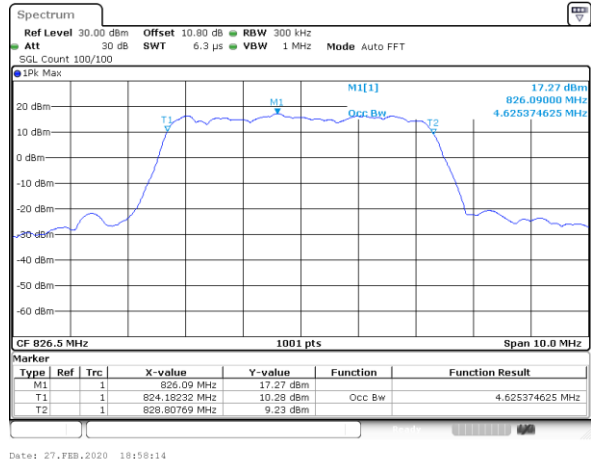


FR1 n5 / 5MHz / QPSK

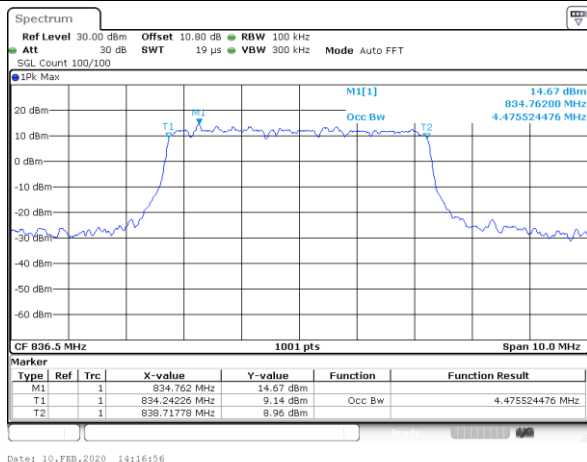
Lowest Channel / DFT-S OFDM



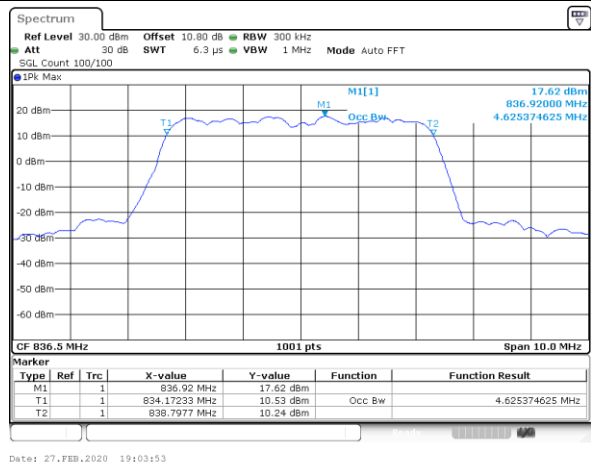
Lowest Channel / CP OFDM



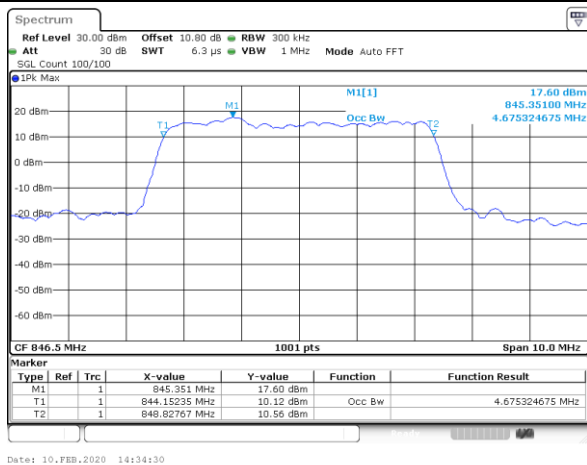
Middle Channel / DFT-S OFDM



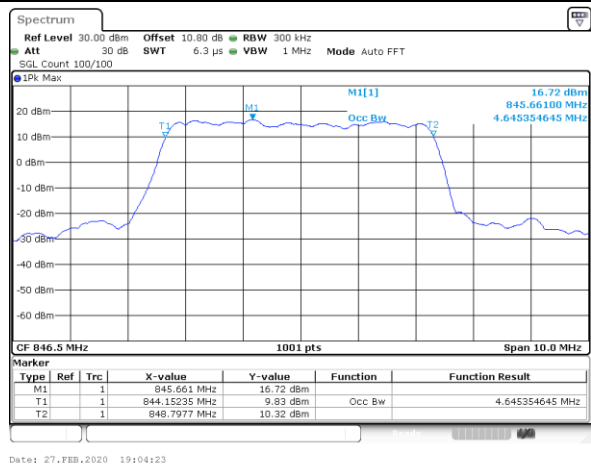
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



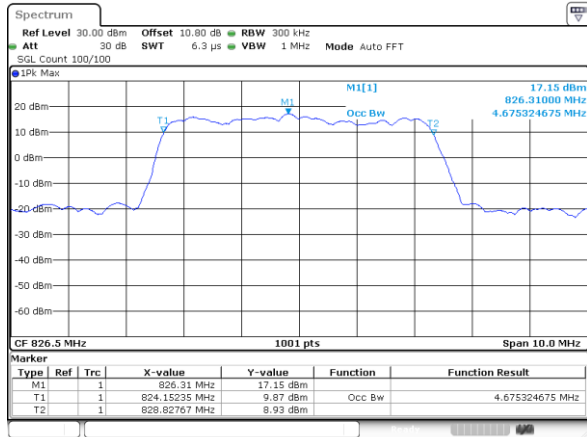
Highest Channel / CP OFDM



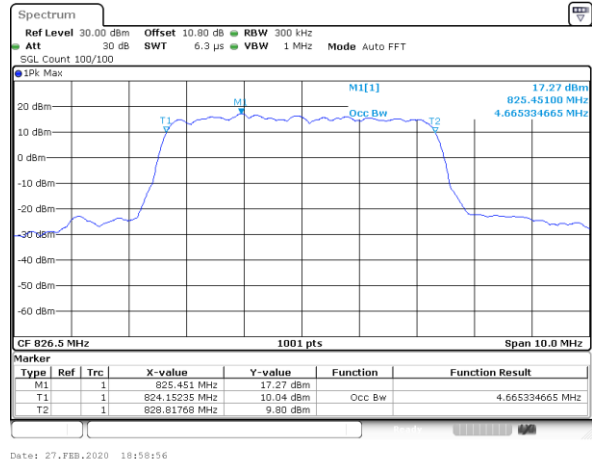


FR1 n5 / 5MHz / 16QAM

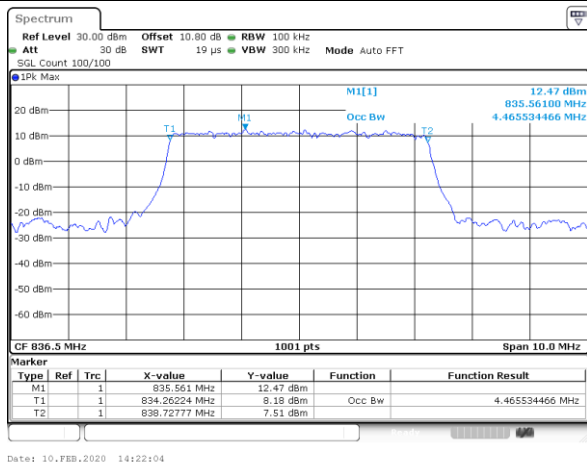
Lowest Channel / DFT-S OFDM



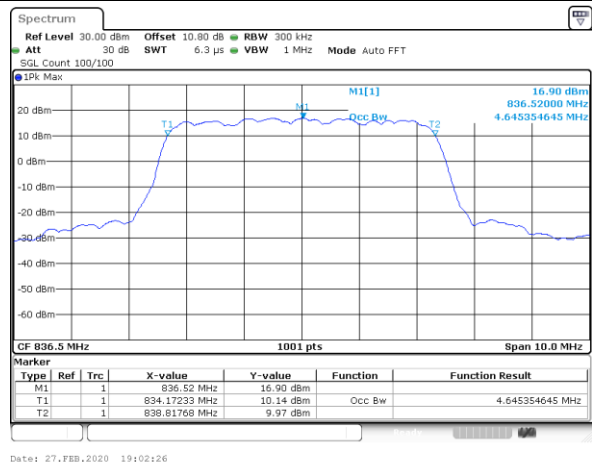
Lowest Channel / CP OFDM



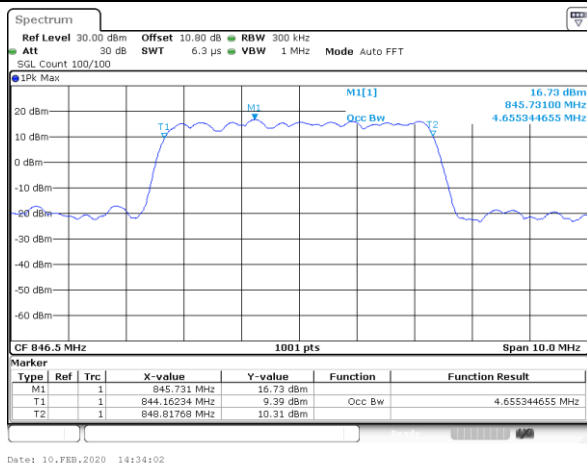
Middle Channel / DFT-S OFDM



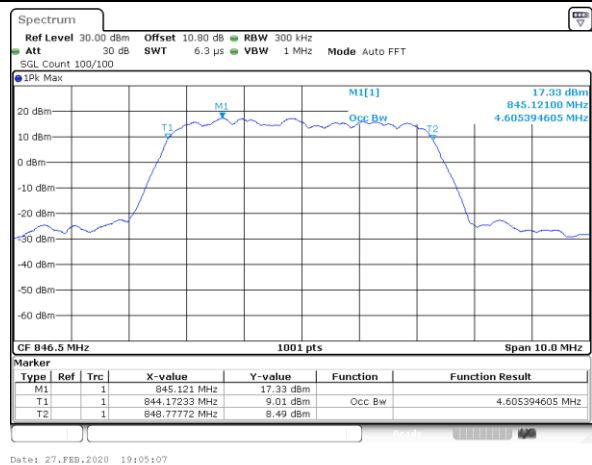
Middle Channel / CP OFDM

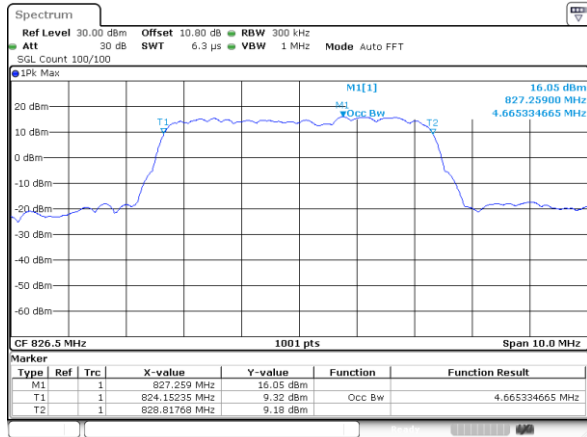
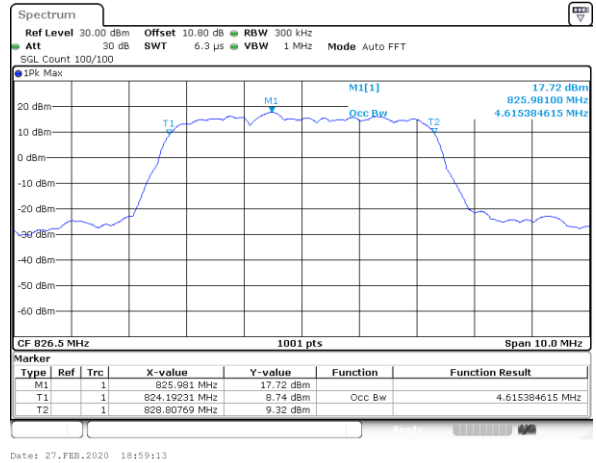
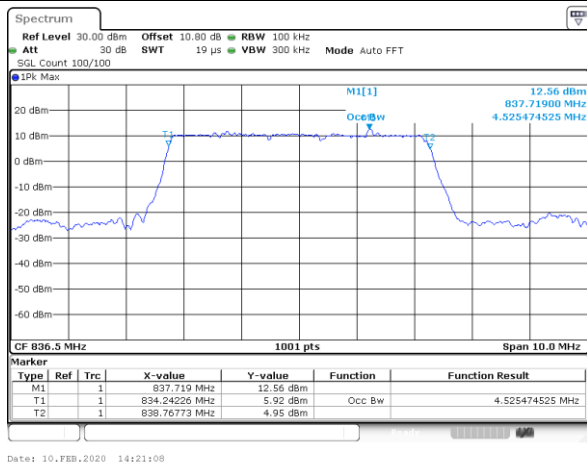
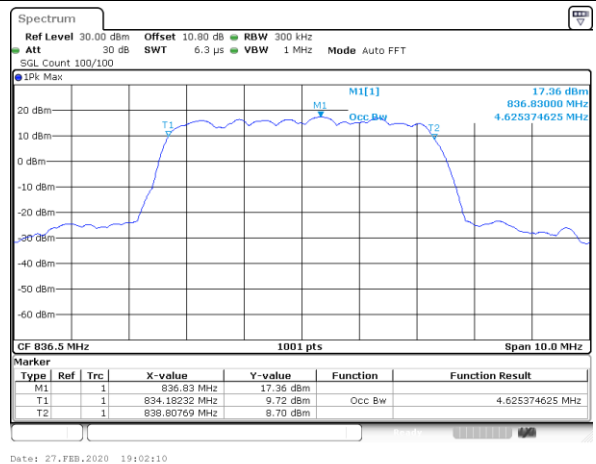
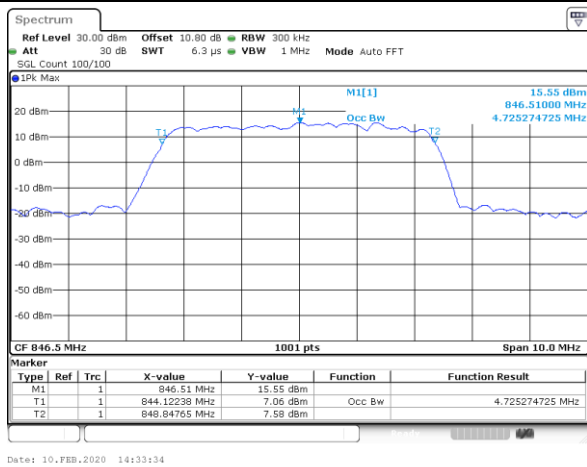
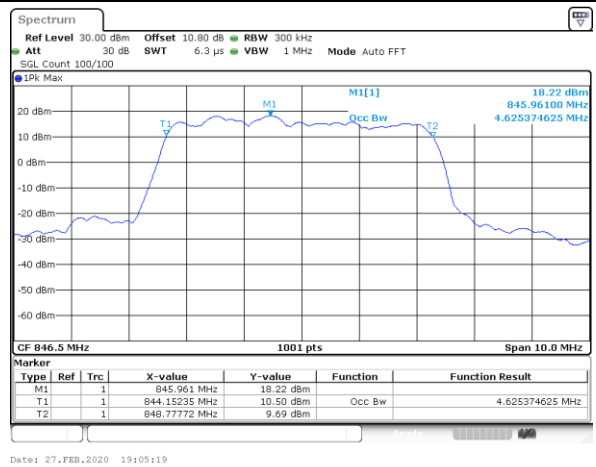


Highest Channel / DFT-S OFDM



Highest Channel / CP OFDM

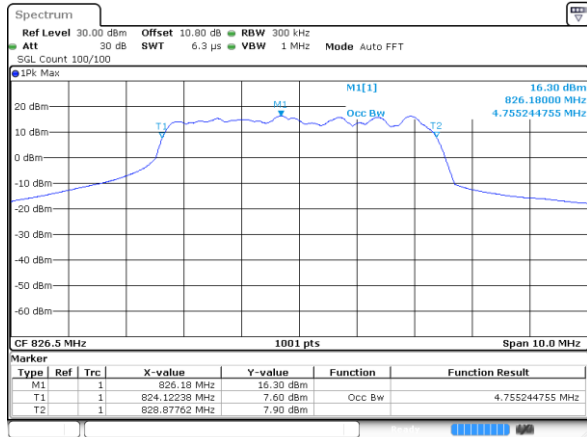


FR1 n5 / 5MHz / 64QAM
Lowest Channel / DFT-S OFDM

Lowest Channel / CP OFDM

Middle Channel / DFT-S OFDM

Middle Channel / CP OFDM

Highest Channel / DFT-S OFDM

Highest Channel / CP OFDM


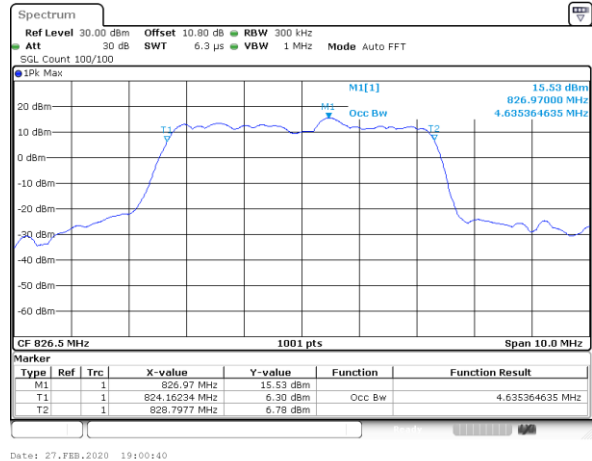


FR1 n5 / 5MHz / 256QAM

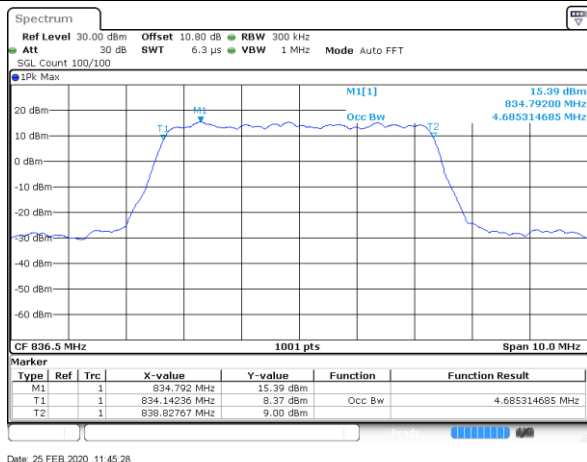
Lowest Channel / DFT-S OFDM



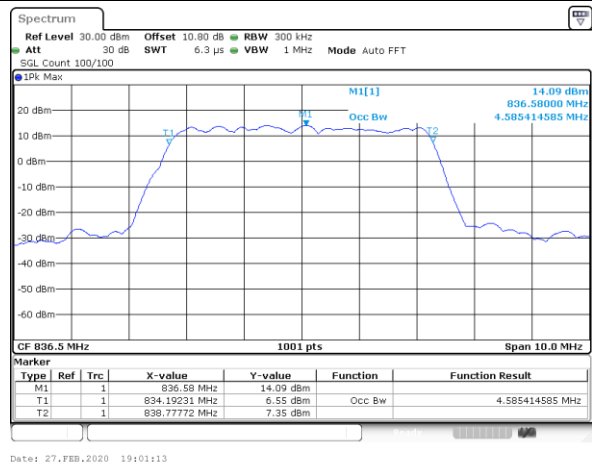
Lowest Channel / CP OFDM



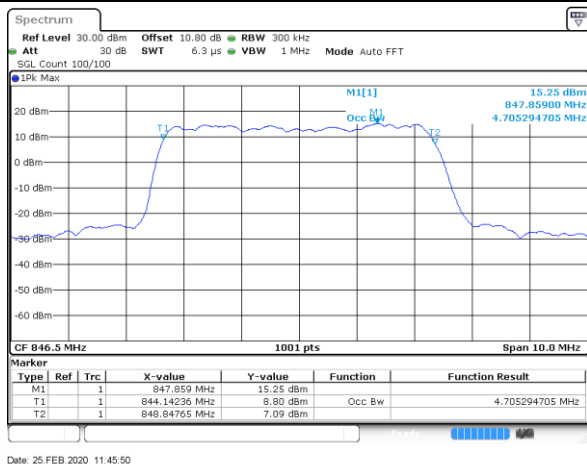
Middle Channel / DFT-S OFDM



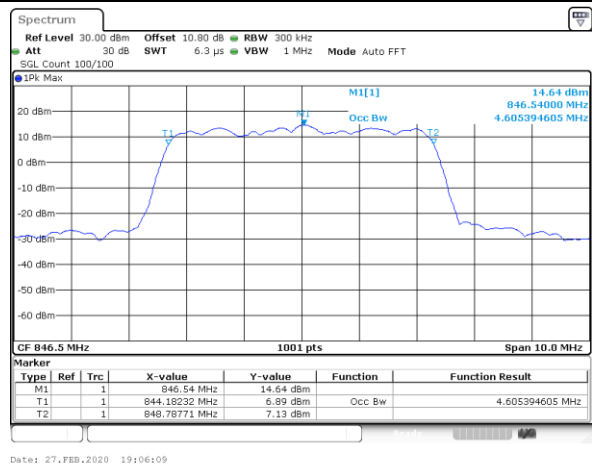
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



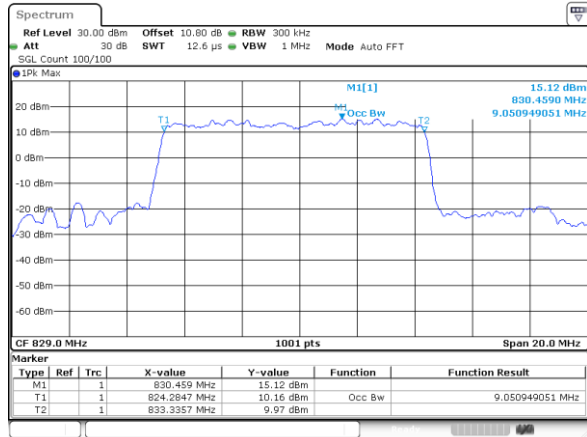
Highest Channel / CP OFDM



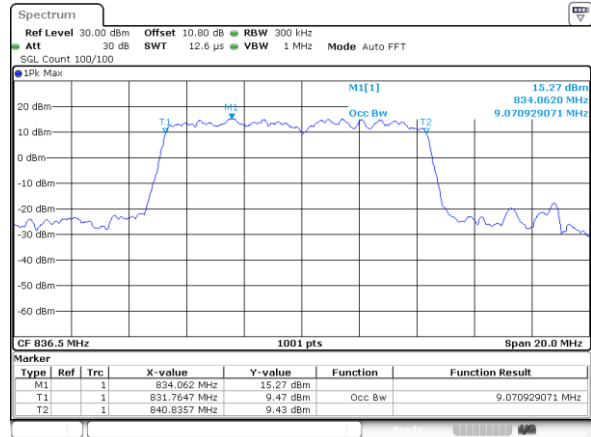


FR1 n5 / 10MHz / PI/2 BPSK

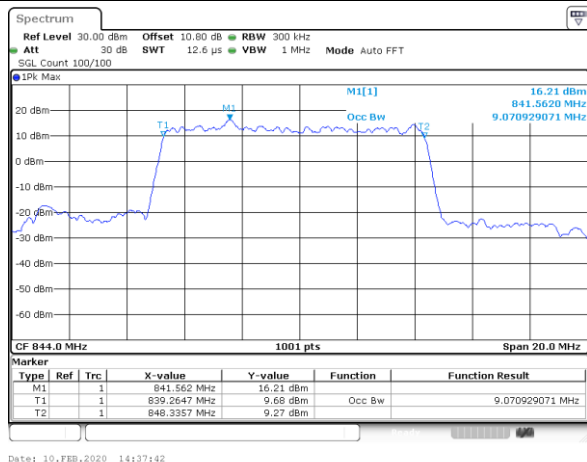
Lowest Channel / DFT-S OFDM



Middle Channel / DFT-S OFDM



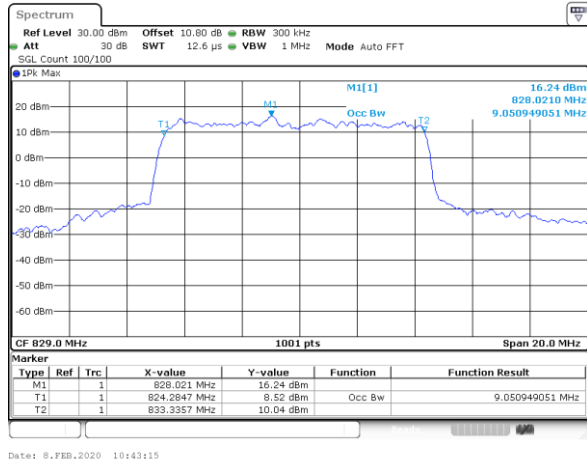
Highest Channel / DFT-S OFDM



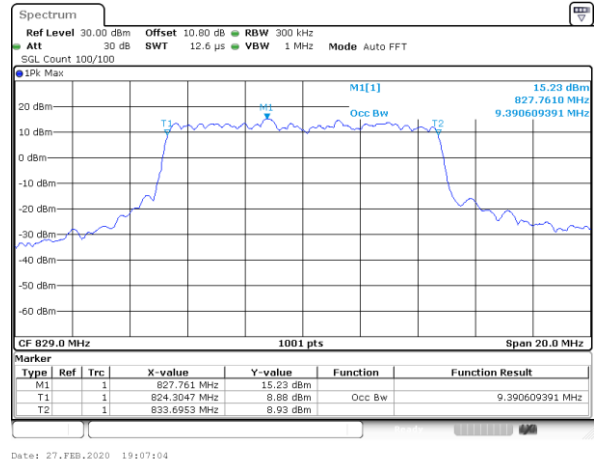


FR1 n5 / 10MHz / QPSK

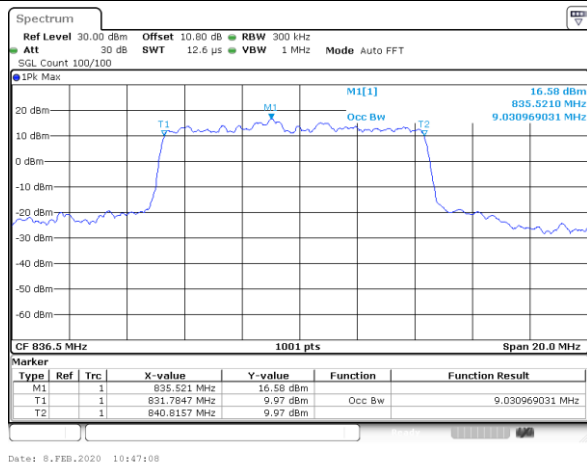
Lowest Channel / DFT-S OFDM



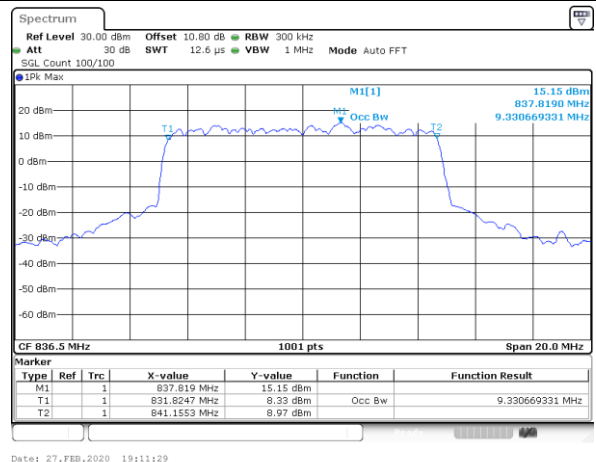
Lowest Channel / CP OFDM



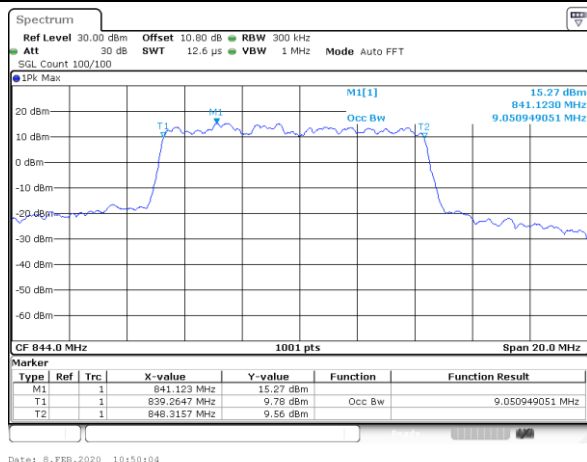
Middle Channel / DFT-S OFDM



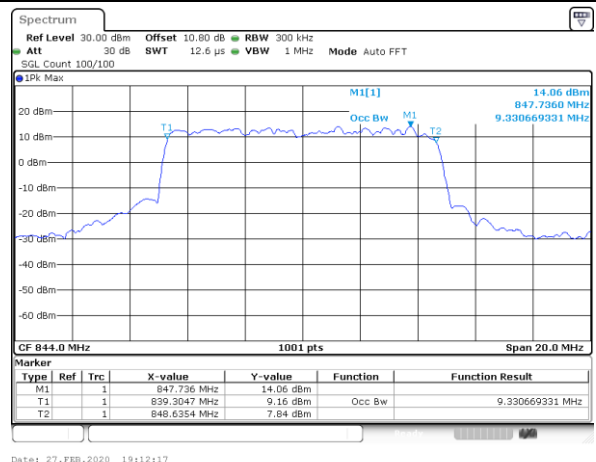
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



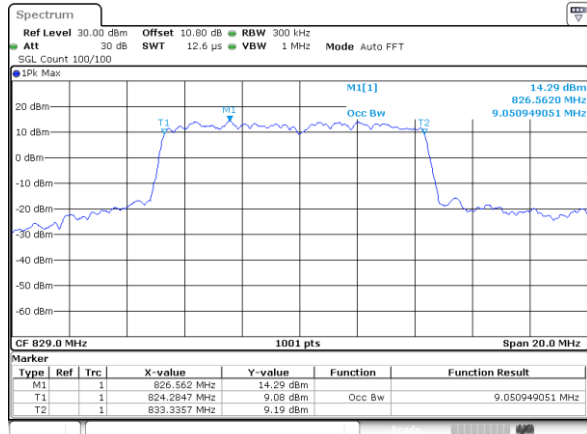
Highest Channel / CP OFDM



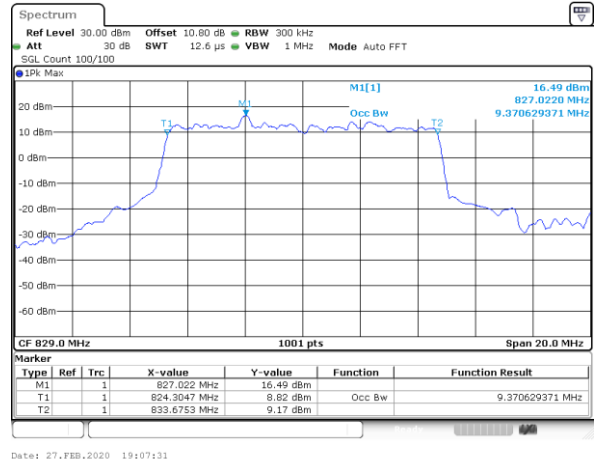


FR1 n5 / 10MHz / 16QAM

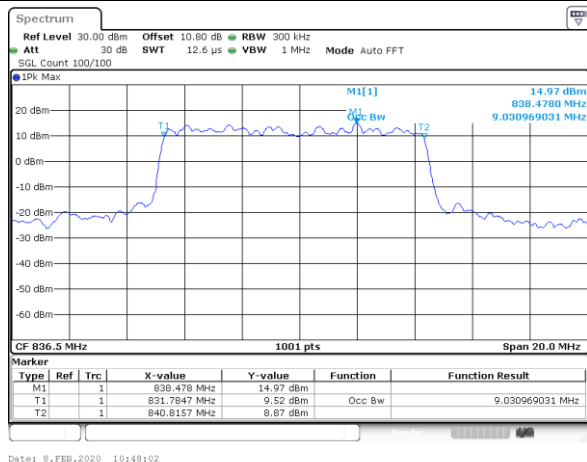
Lowest Channel / DFT-S OFDM



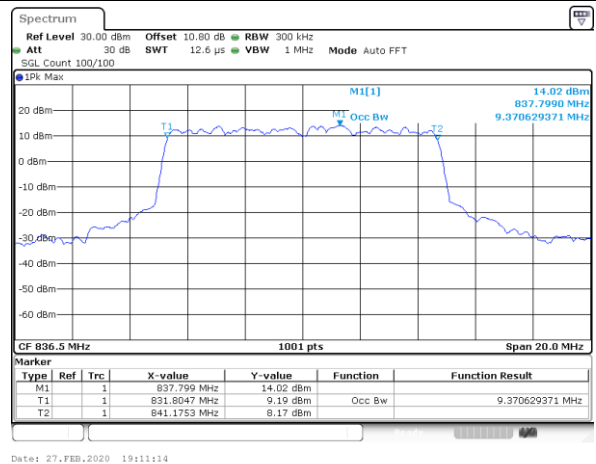
Lowest Channel / CP OFDM



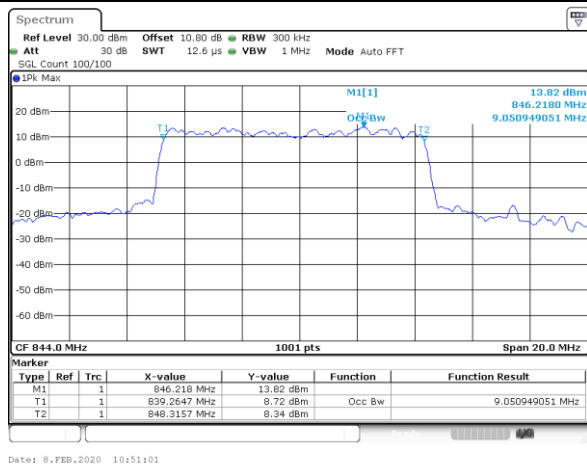
Middle Channel / DFT-S OFDM



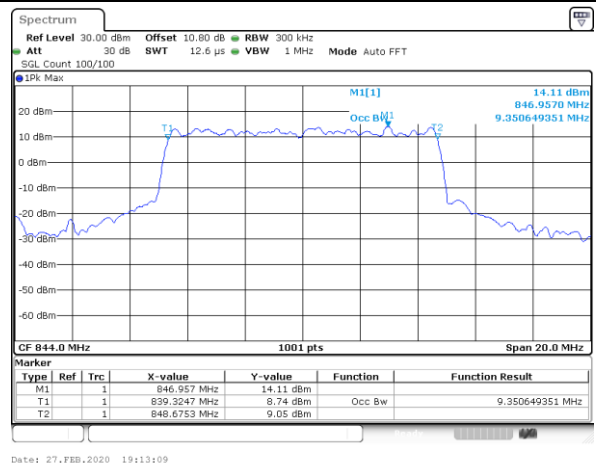
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



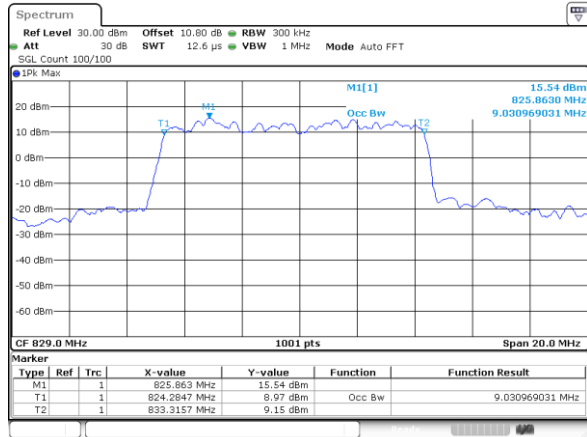
Highest Channel / CP OFDM



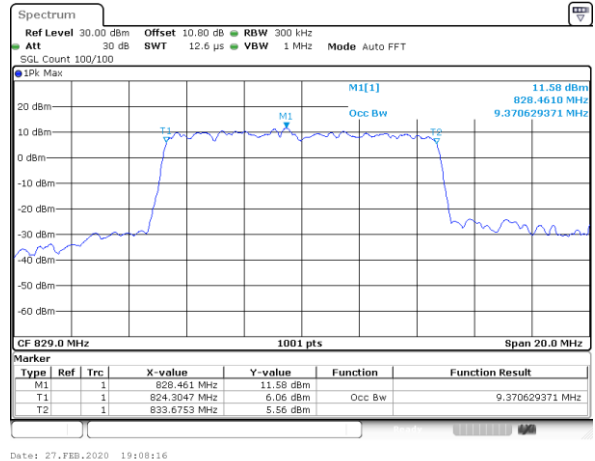


FR1 n5 / 10MHz / 64QAM

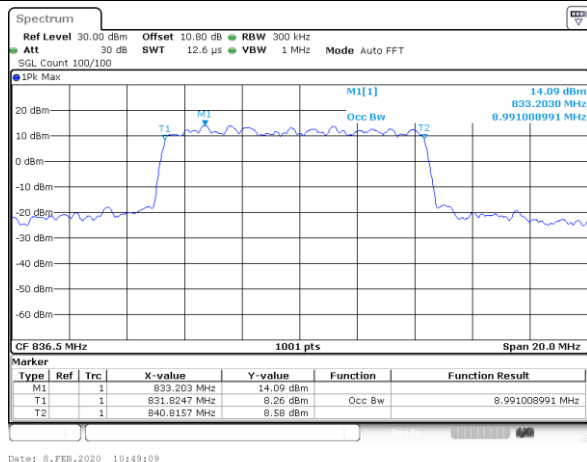
Lowest Channel / DFT-S OFDM



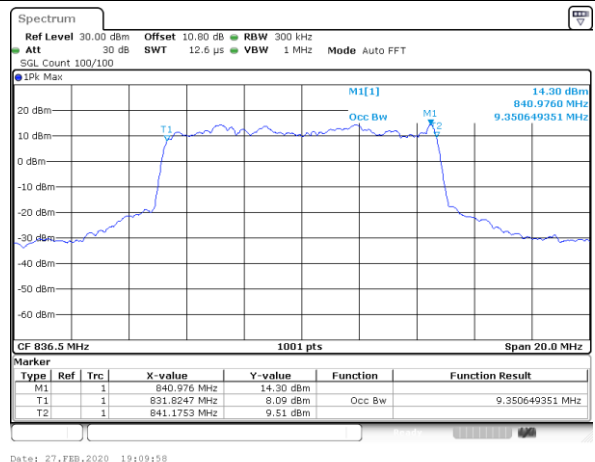
Lowest Channel / CP OFDM



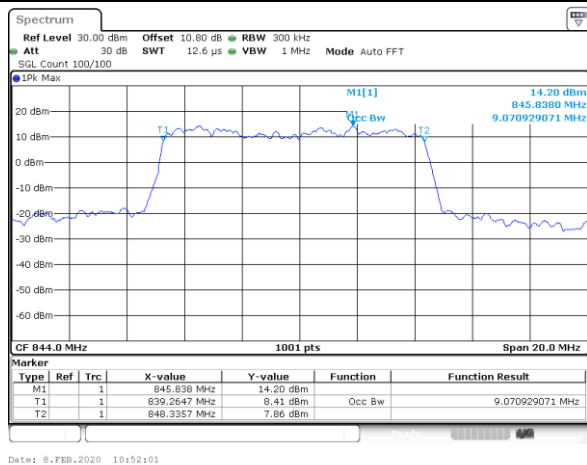
Middle Channel / DFT-S OFDM



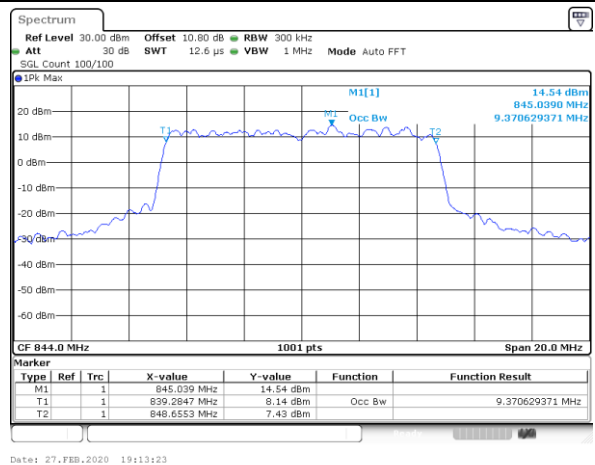
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



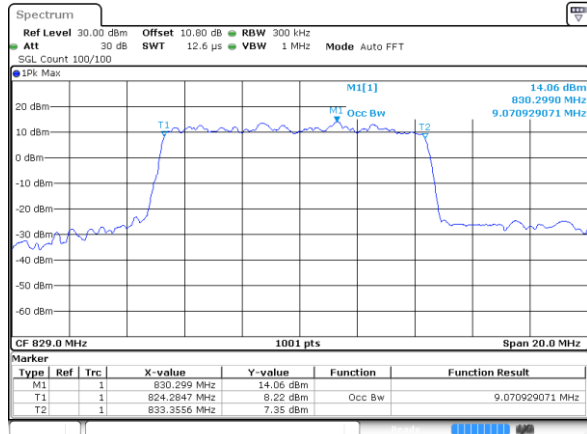
Highest Channel / CP OFDM





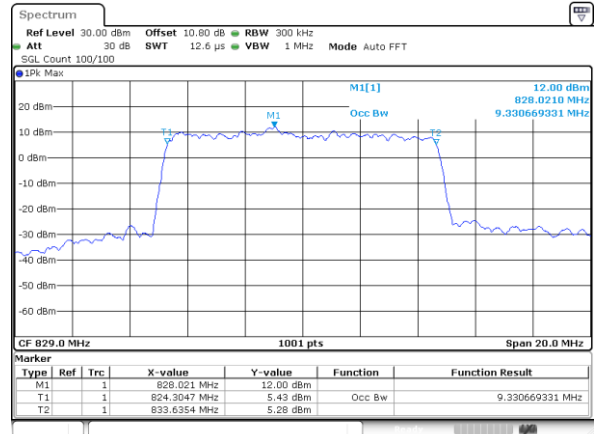
FR1 n5 / 10MHz / 256QAM

Lowest Channel / DFT-S OFDM



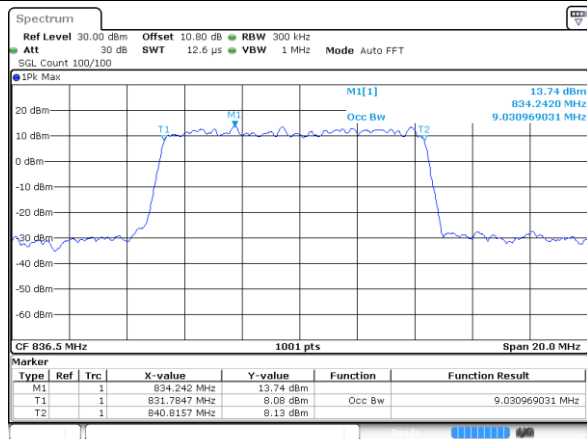
Date: 25 FEB 2020 11:46:42

Lowest Channel / CP OFDM



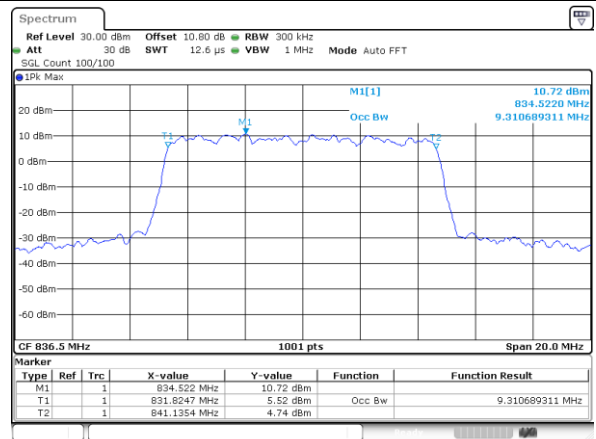
Date: 27.FEB.2020 19:08:28

Middle Channel / DFT-S OFDM



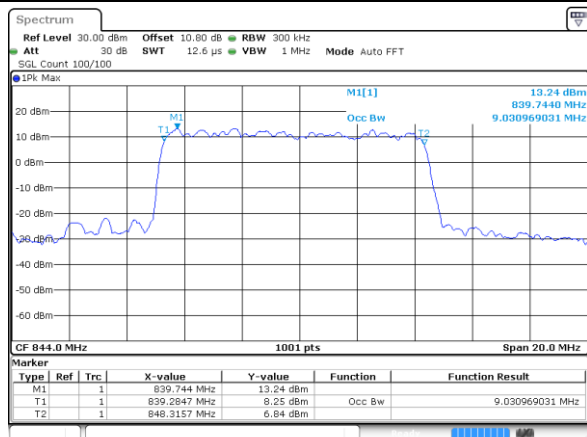
Date: 25 FEB 2020 11:47:09

Middle Channel / CP OFDM



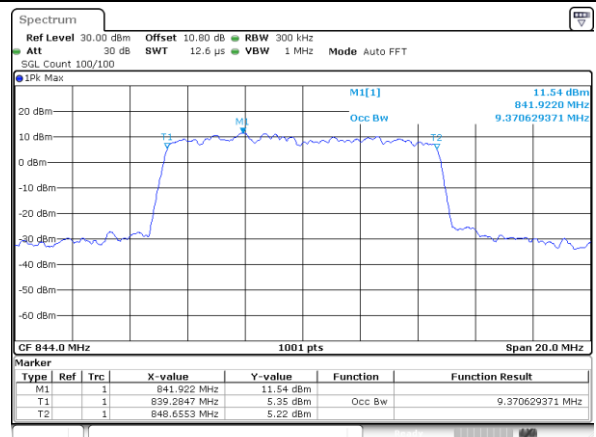
Date: 27.FEB.2020 19:09:35

Highest Channel / DFT-S OFDM



Date: 25 FEB 2020 11:47:51

Highest Channel / CP OFDM

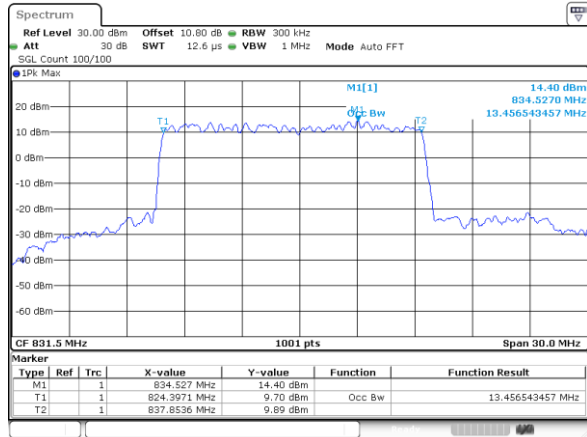


Date: 27.FEB.2020 19:14:11

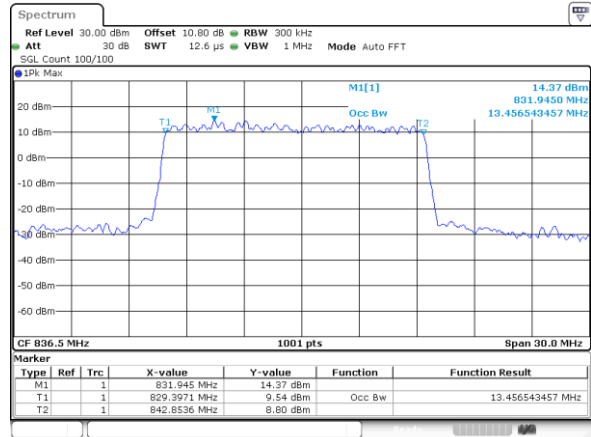


FR1 n5 / 15MHz / PI/2 BPSK

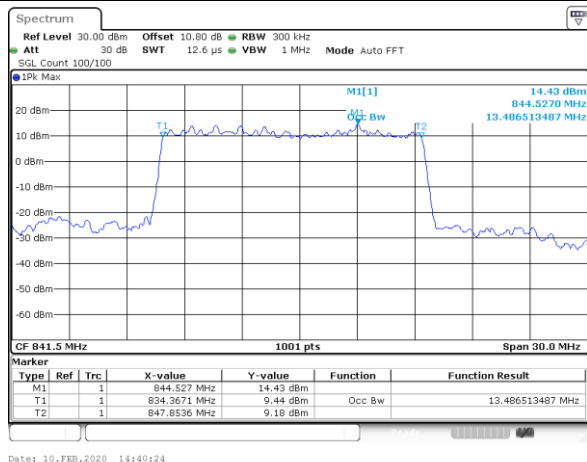
Lowest Channel / DFT-S OFDM



Middle Channel / DFT-S OFDM



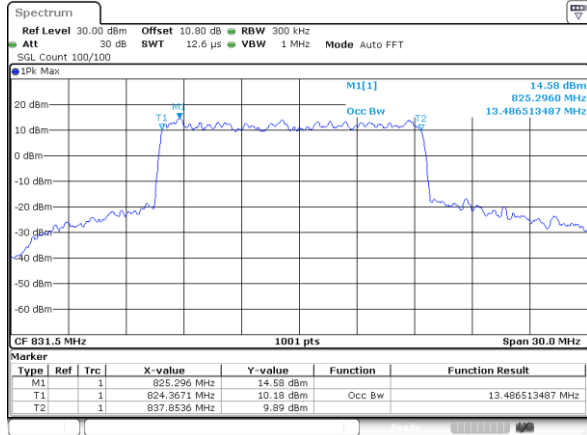
Highest Channel / DFT-S OFDM



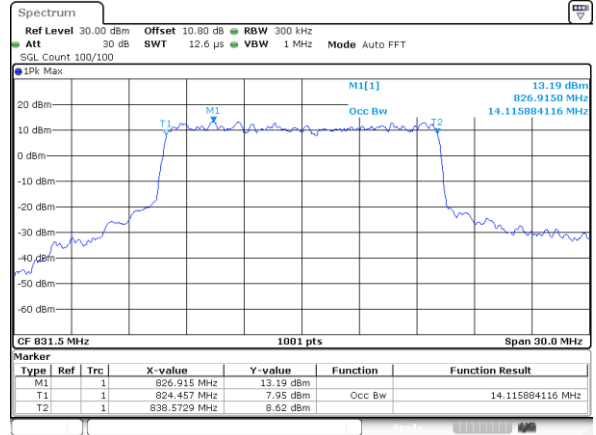


FR1 n5 / 15MHz / QPSK

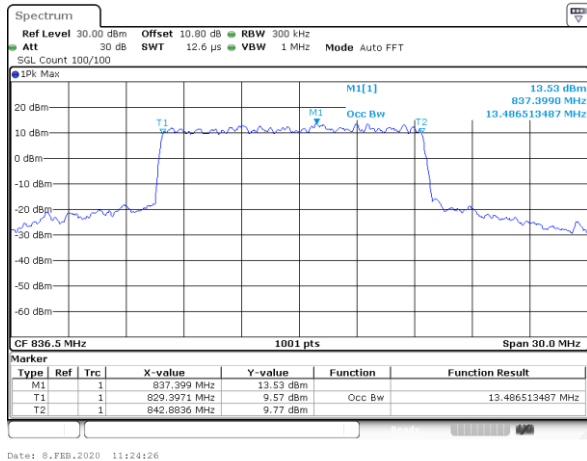
Lowest Channel / DFT-S OFDM



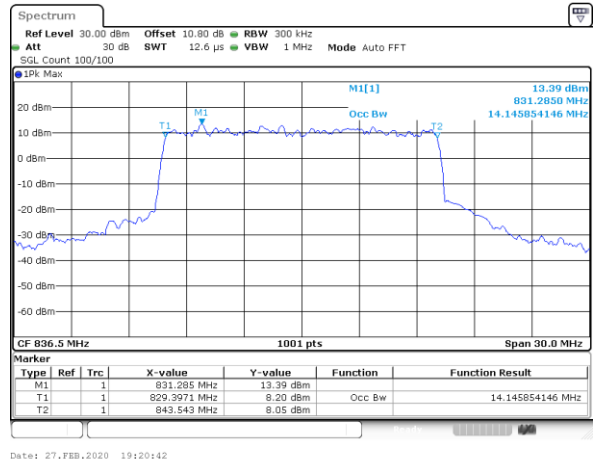
Lowest Channel / CP OFDM



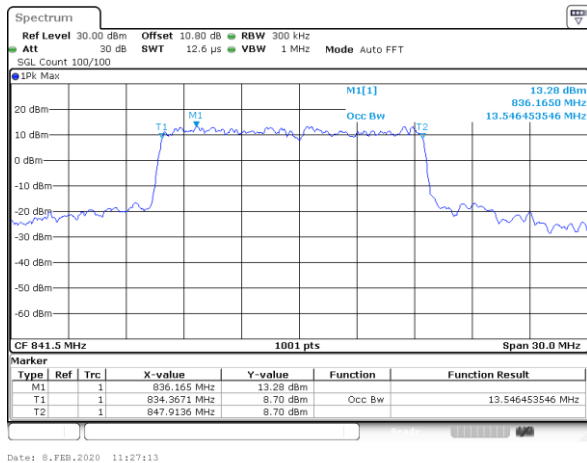
Middle Channel / DFT-S OFDM



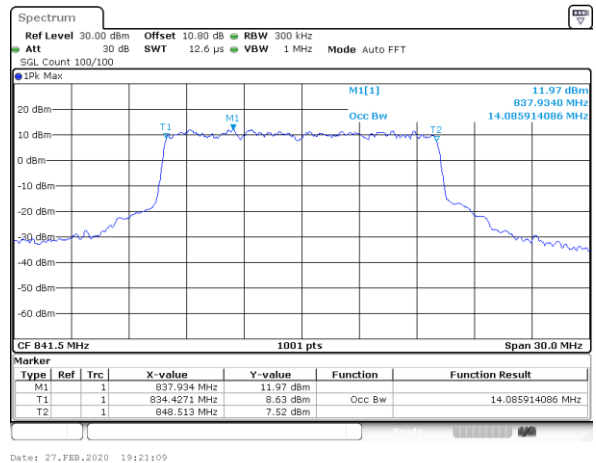
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



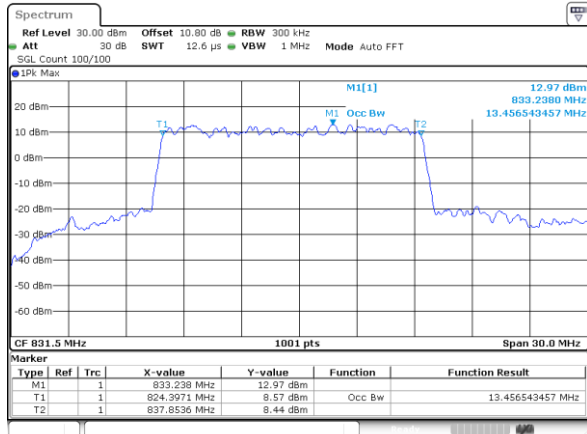
Highest Channel / CP OFDM



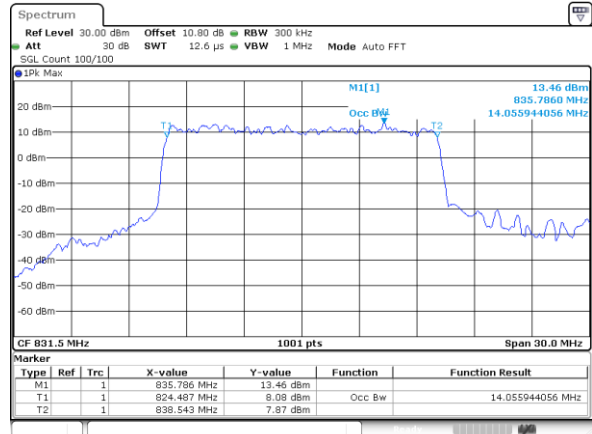


FR1 n5 / 15MHz / 16QAM

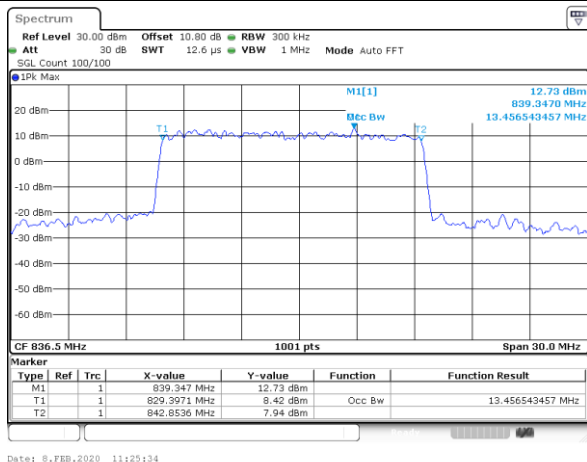
Lowest Channel / DFT-S OFDM



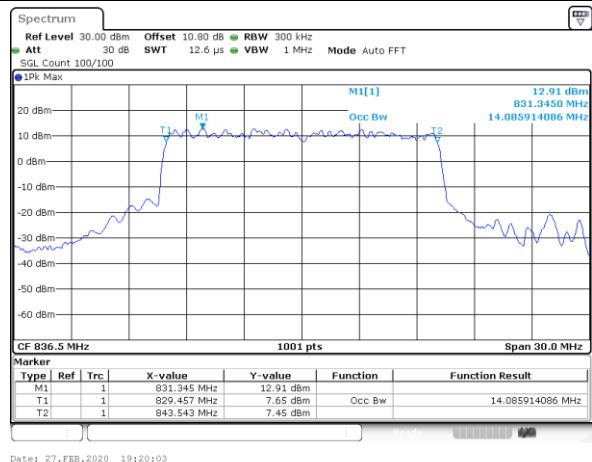
Lowest Channel / CP OFDM



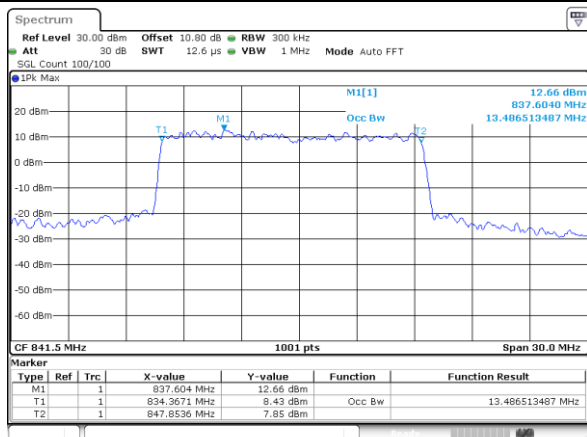
Middle Channel / DFT-S OFDM



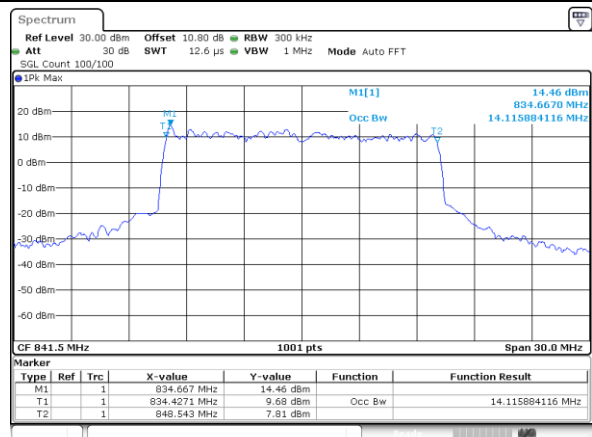
Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



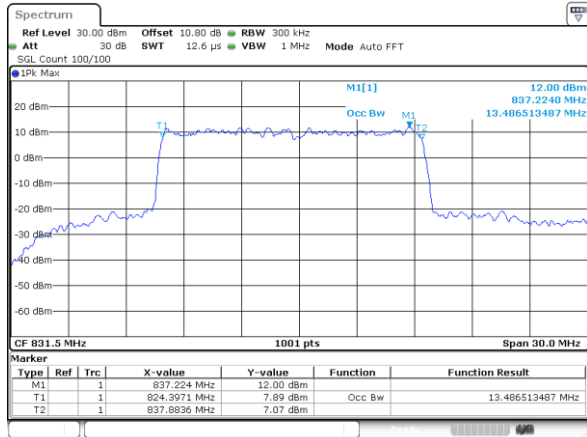
Highest Channel / CP OFDM



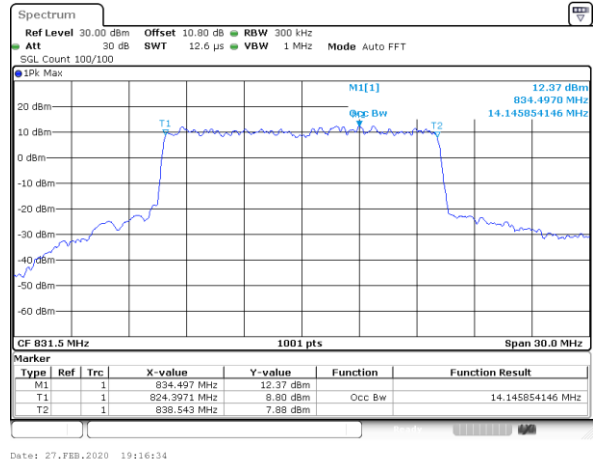


FR1 n5 / 15MHz / 64QAM

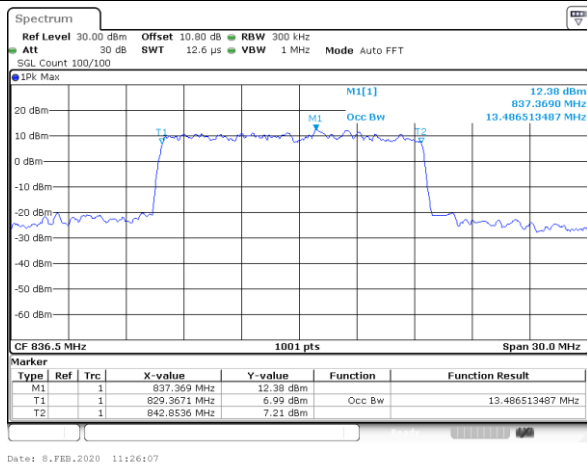
Lowest Channel / DFT-S OFDM



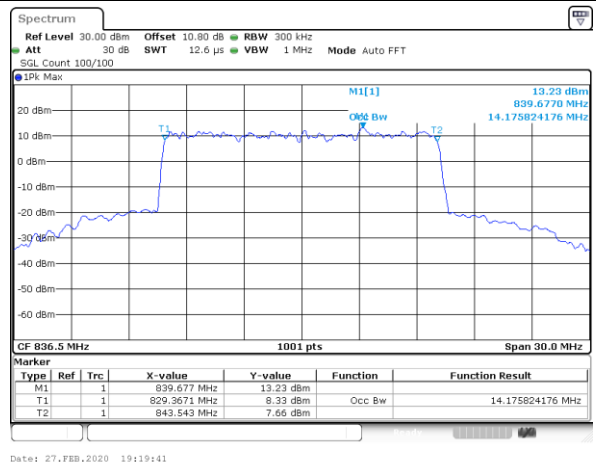
Lowest Channel / CP OFDM



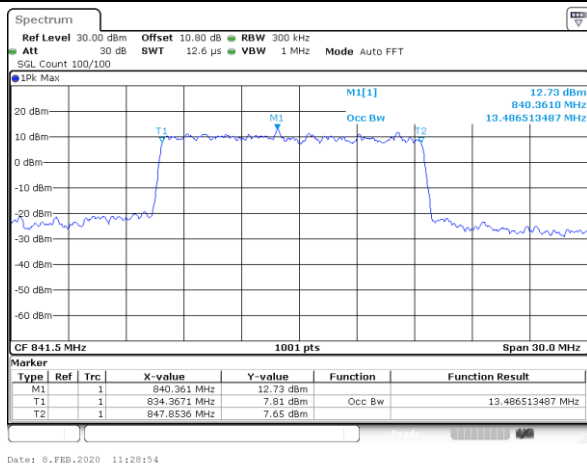
Middle Channel / DFT-S OFDM



Middle Channel / CP OFDM



Highest Channel / DFT-S OFDM



Highest Channel / CP OFDM

