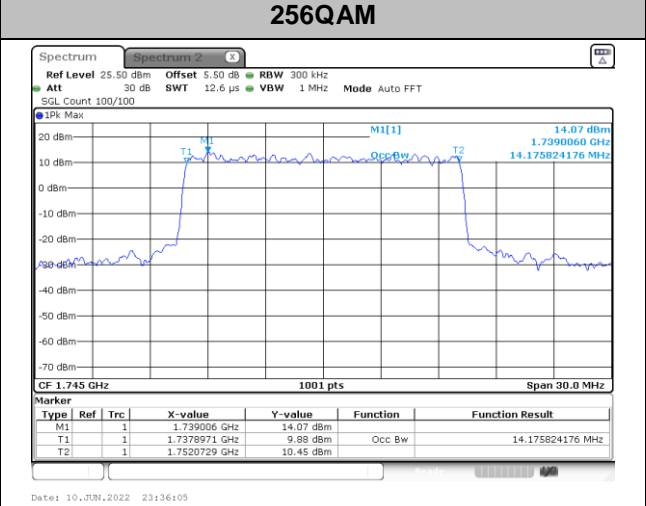
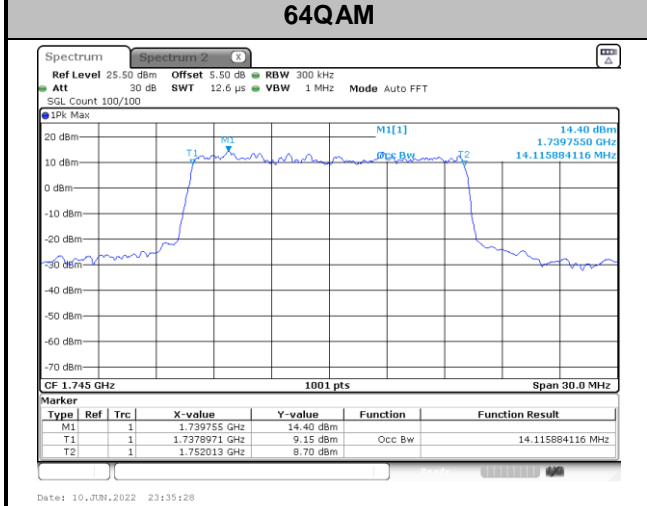
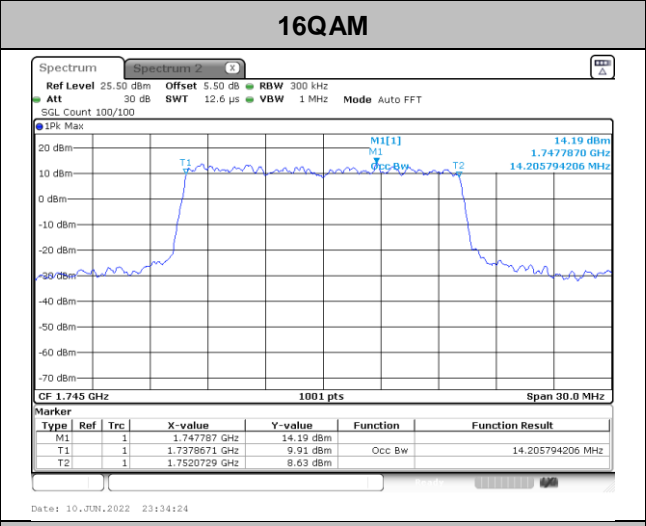
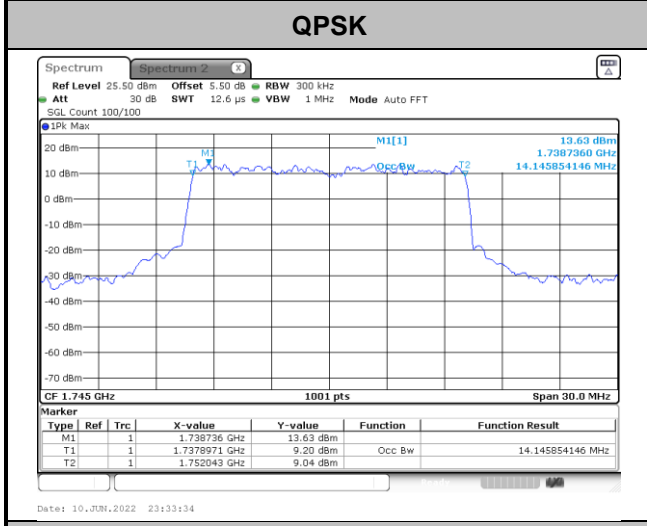


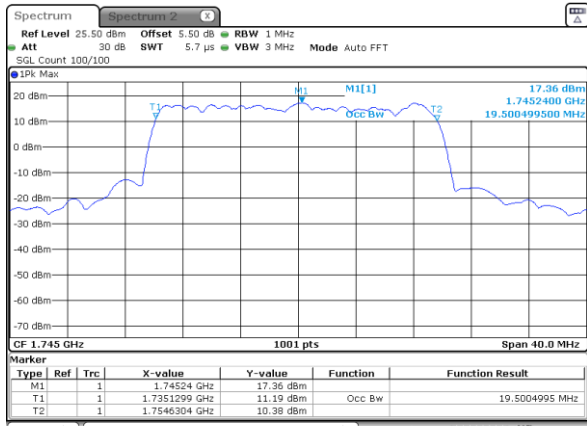
FR1 n66 /15MHz / CP OFDM / Middle Channel / Full RB





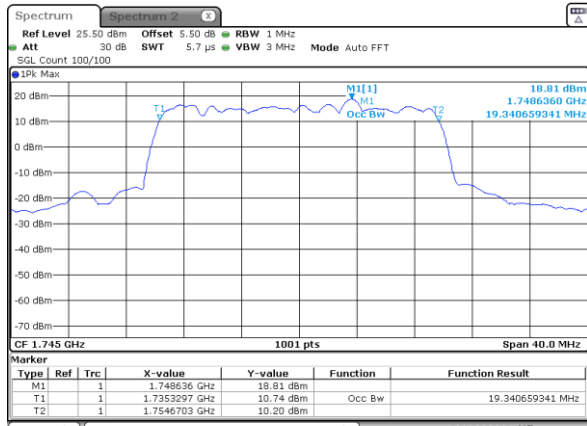
FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK



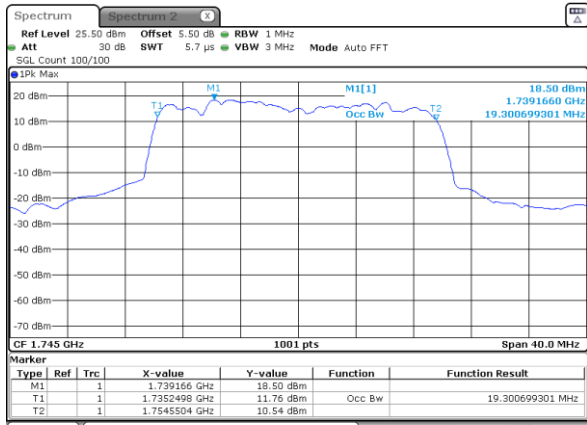
Date: 10 JUN 2022 23:37:38

16QAM



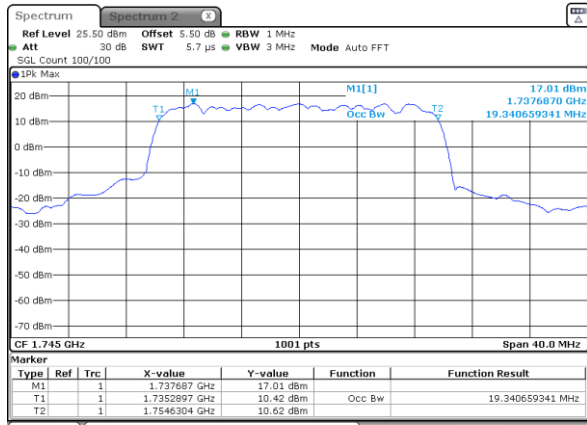
Date: 10 JUN 2022 23:37:25

64QAM



Date: 10 JUN 2022 23:37:06

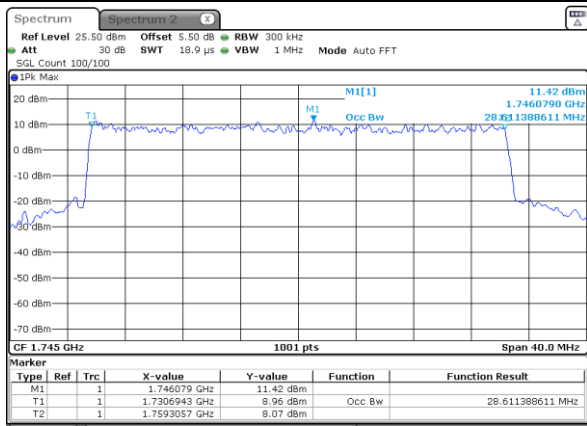
256QAM



Date: 10 JUN 2022 23:36:46

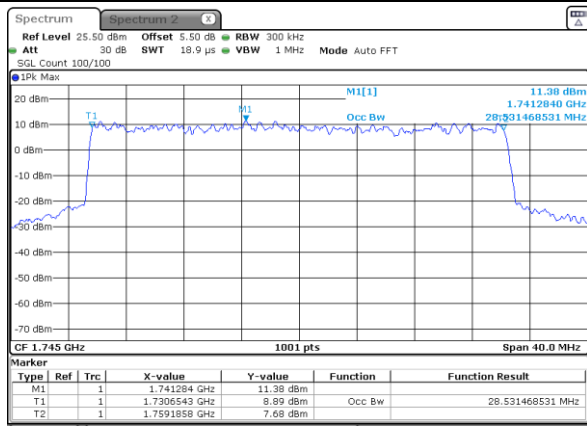
FR1 n66 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



Date: 10 JUN 2022 23:39:19

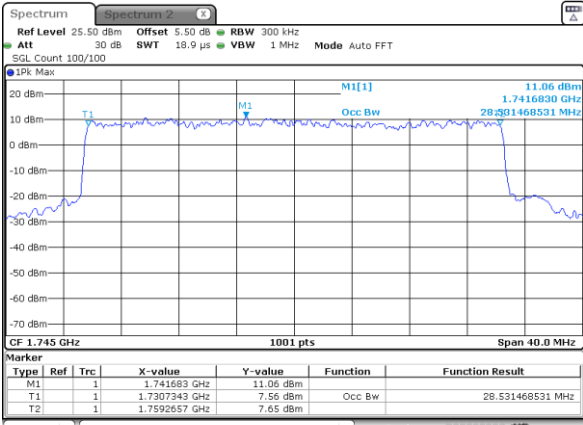
16QAM



Date: 10 JUN 2022 23:39:39

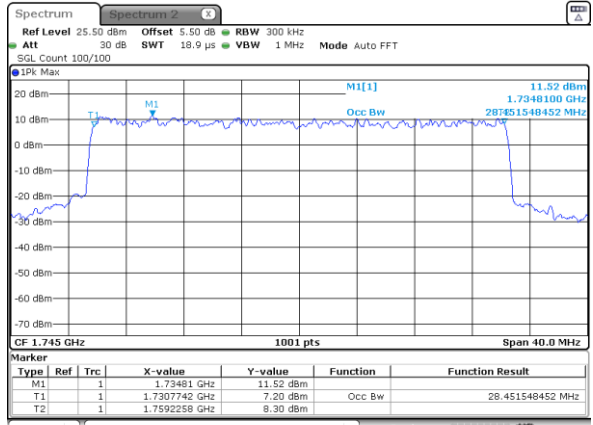


64QAM



Date: 10 JUN 2022 23:39:56

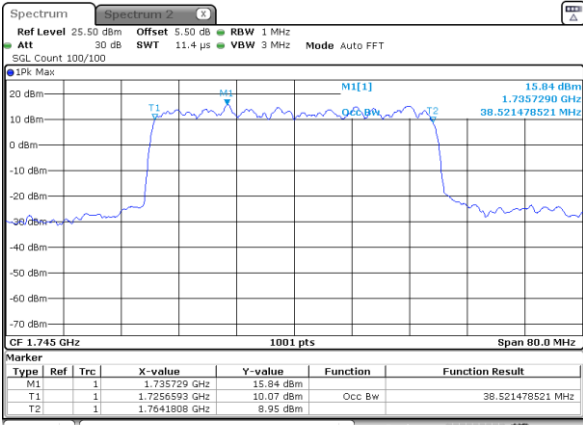
256QAM



Date: 10 JUN 2022 23:40:35

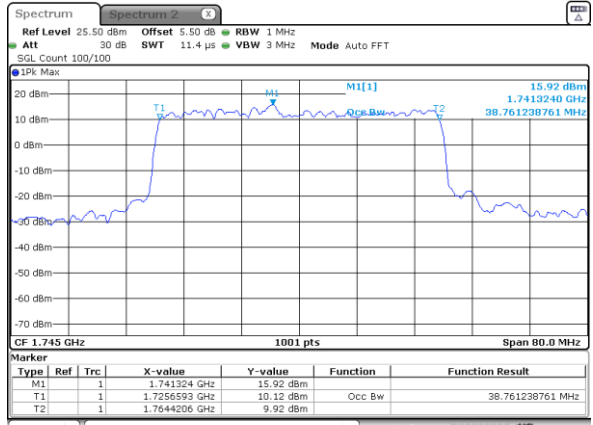
FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



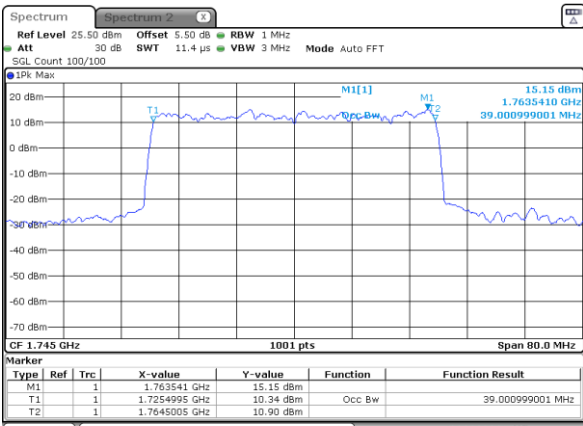
Date: 10 JUN 2022 23:49:16

16QAM



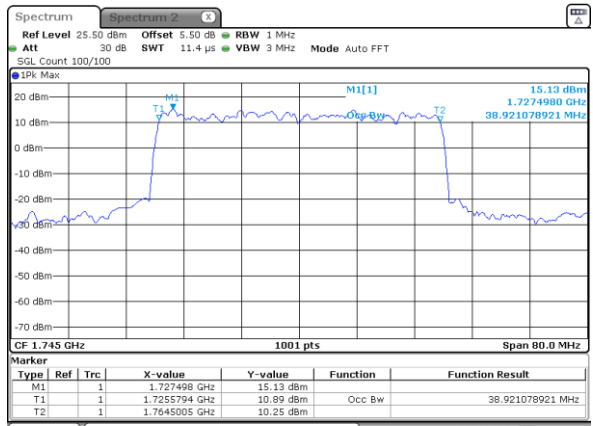
Date: 10 JUN 2022 23:48:14

64QAM



Date: 10 JUN 2022 23:44:50

256QAM



Date: 10 JUN 2022 23:41:40

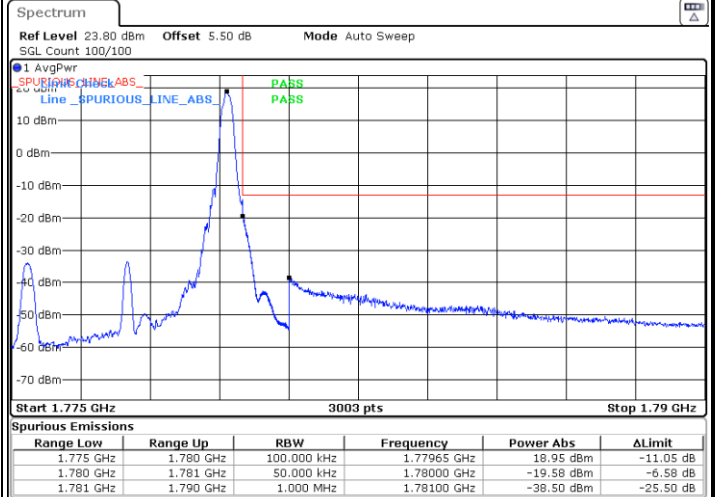
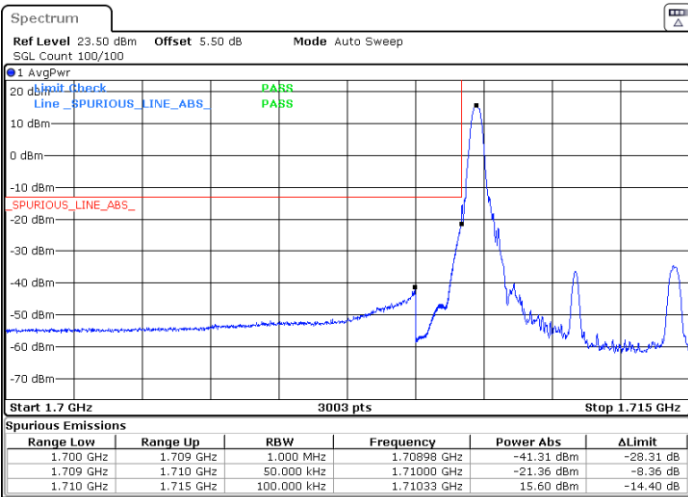


Conducted Band Edge

FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

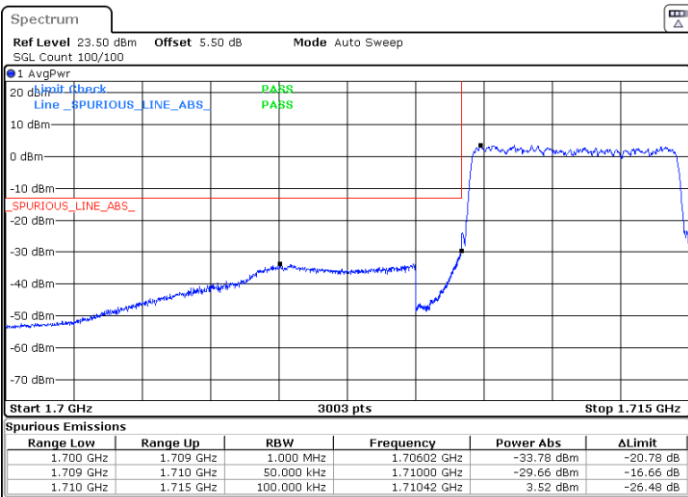


Date: 9 JUN, 2022 23:28:47

Date: 9 JUN, 2022 23:54:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JUN, 2022 23:33:21

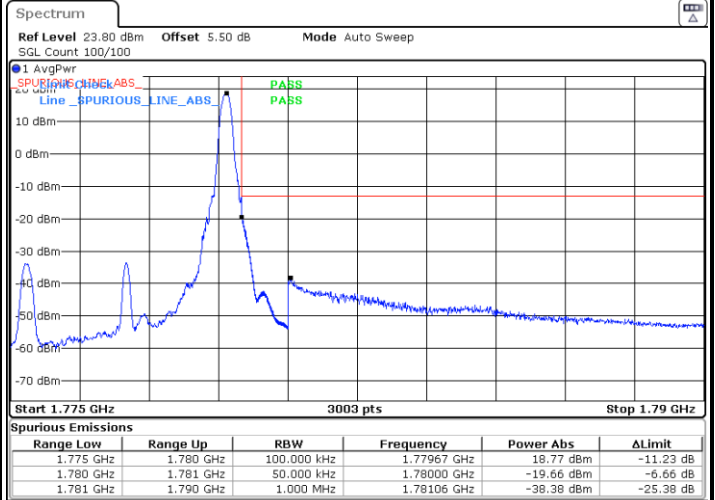
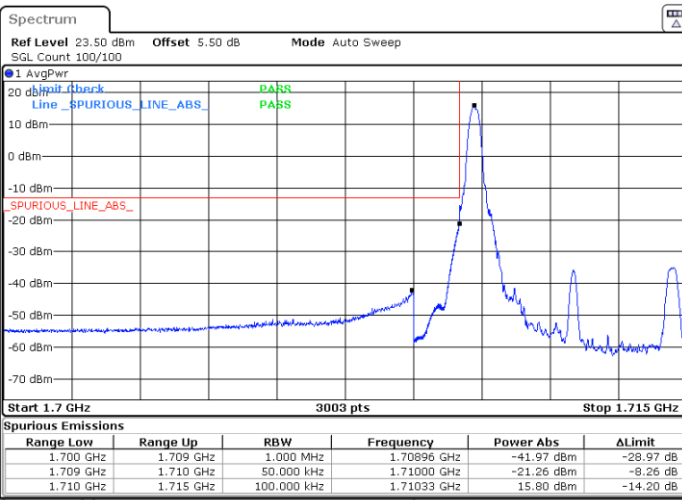
Date: 9 JUN, 2022 23:55:54



FR1 n66 / 5MHz / DFT-S OFDM / QPSK

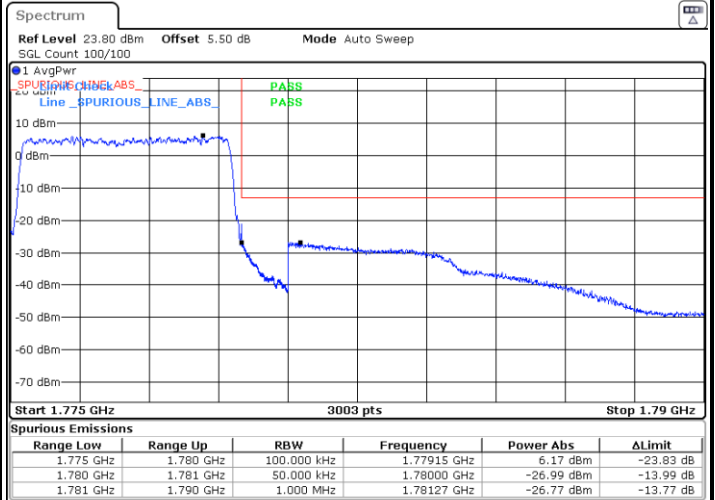
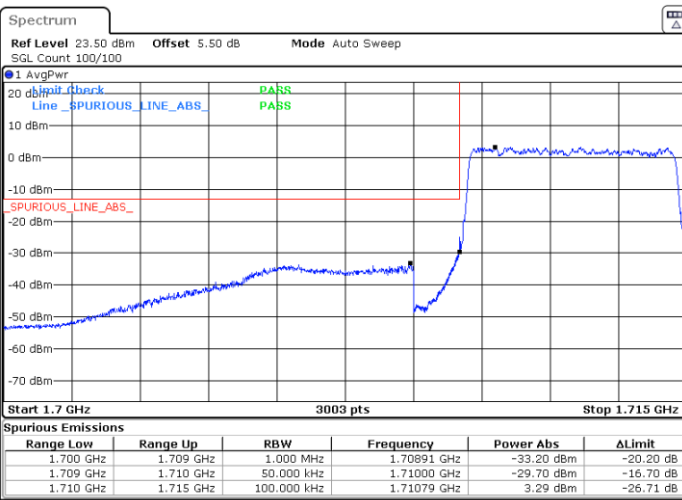
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

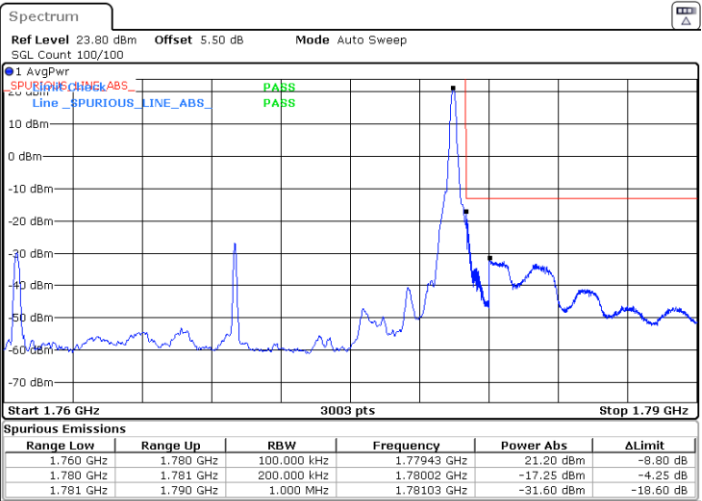
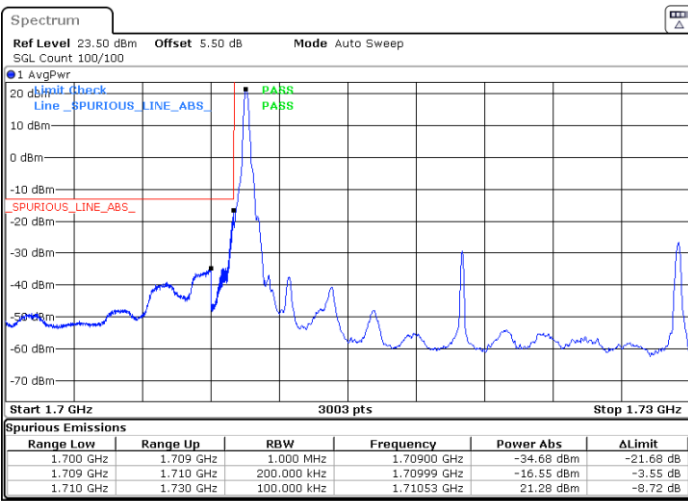




FR1 n66 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

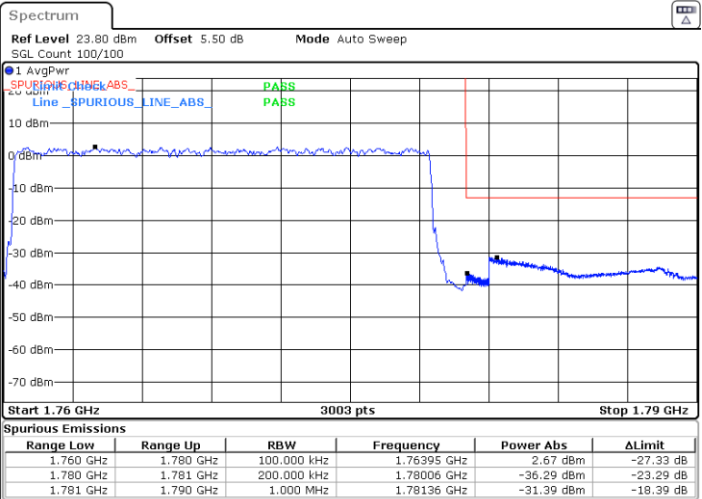
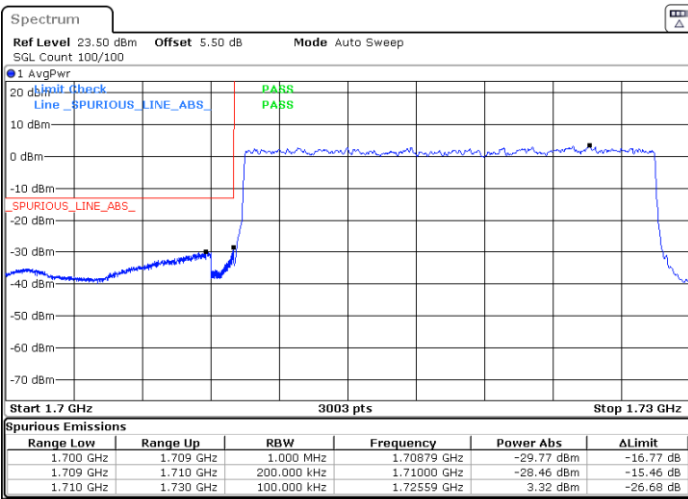


Date: 12. JUN. 2022 10:57:46

Date: 12. JUN. 2022 11:08:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12. JUN. 2022 11:03:23

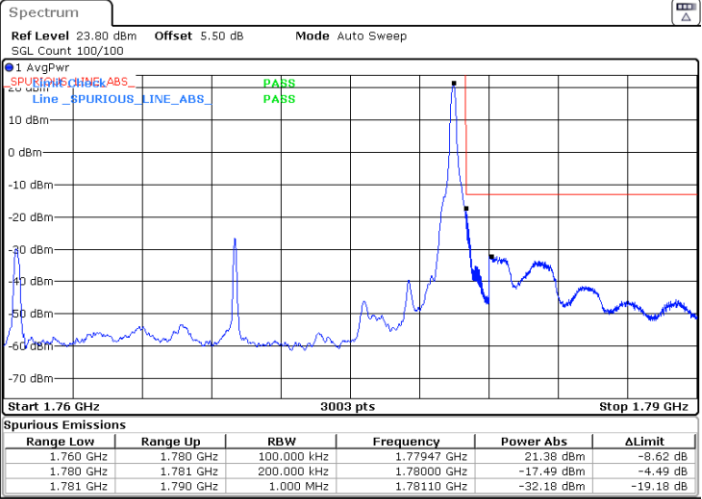
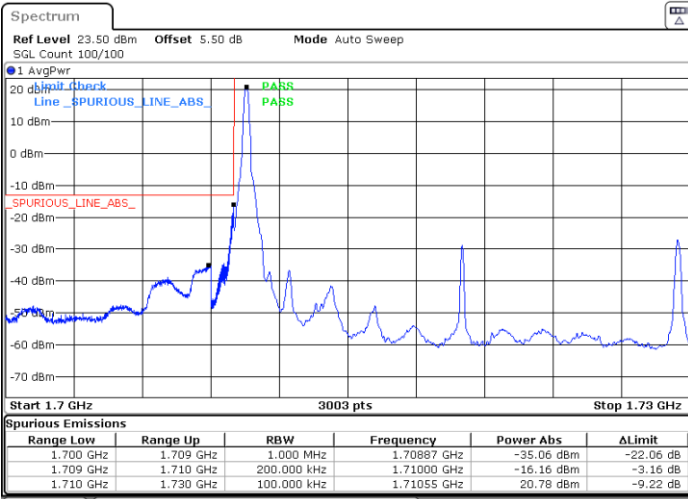
Date: 12. JUN. 2022 11:09:18



FR1 n66 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

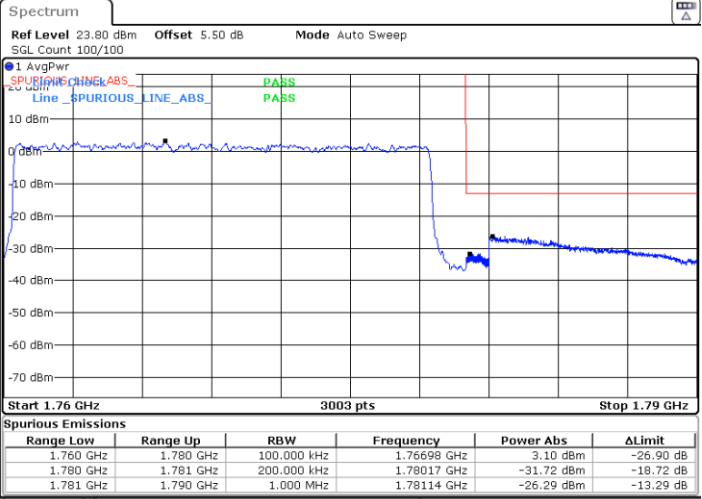
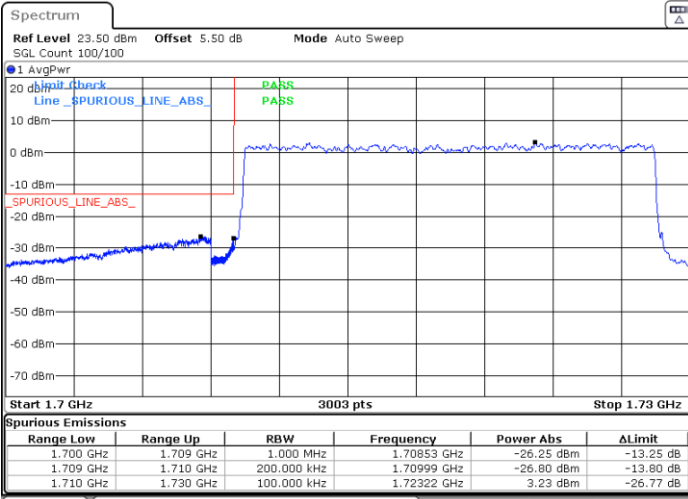


Date: 12.JUN.2022 11:00:33

Date: 12.JUN.2022 11:08:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2022 11:03:06

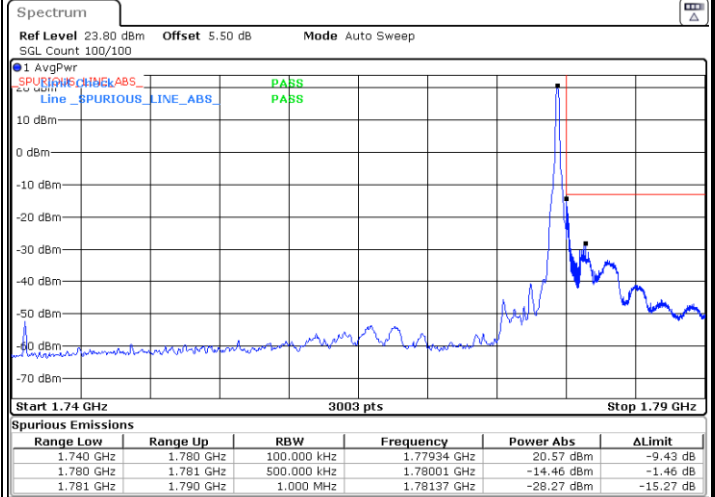
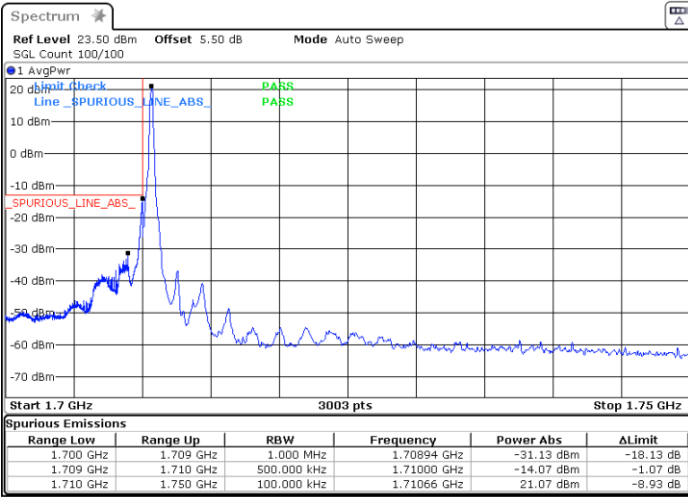
Date: 12.JUN.2022 11:09:36



FR1 n66 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

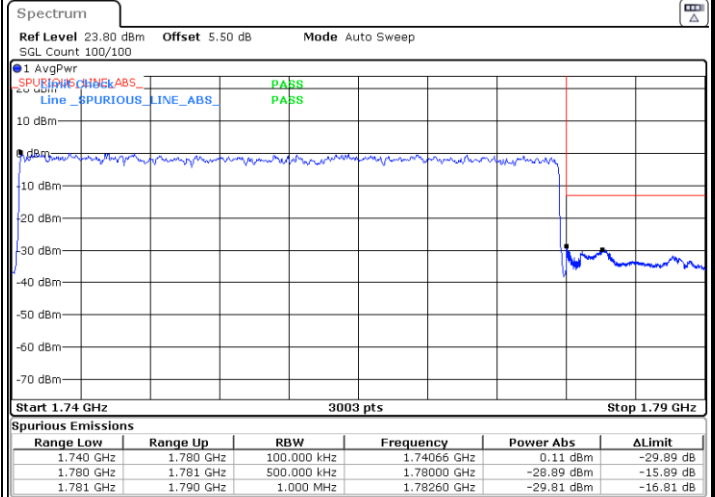
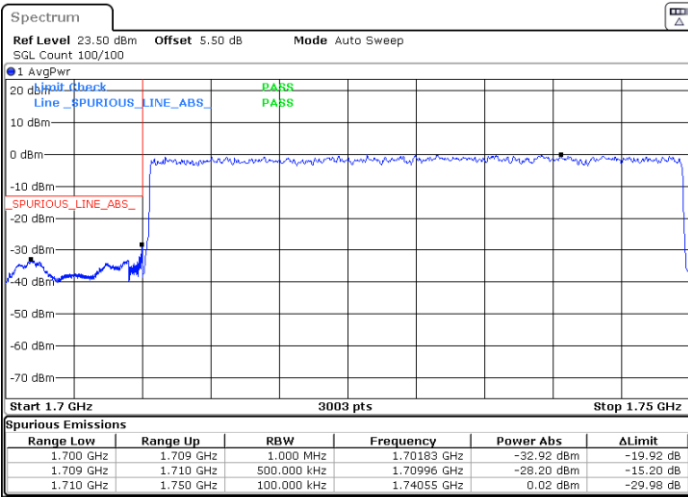


Date: 12 JUN 2022 10:26:26

Date: 12 JUN 2022 10:55:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 JUN 2022 10:38:56

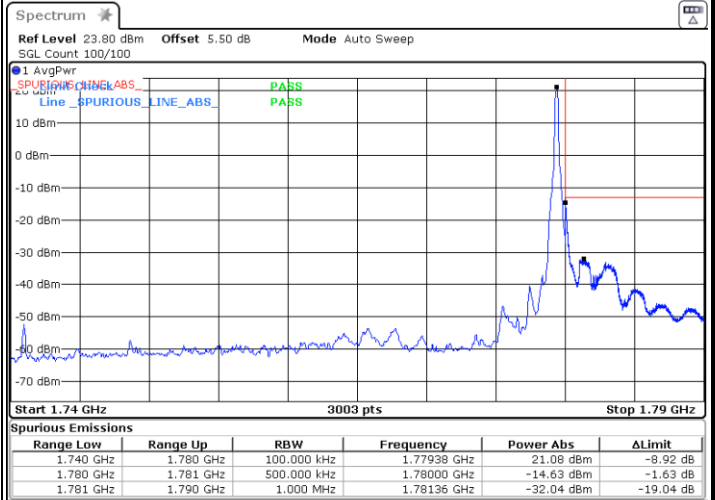
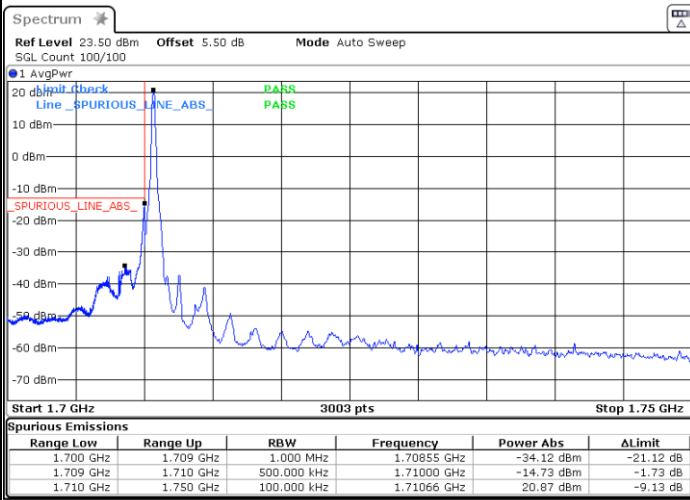
Date: 12 JUN 2022 10:55:46



FR1 n66 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

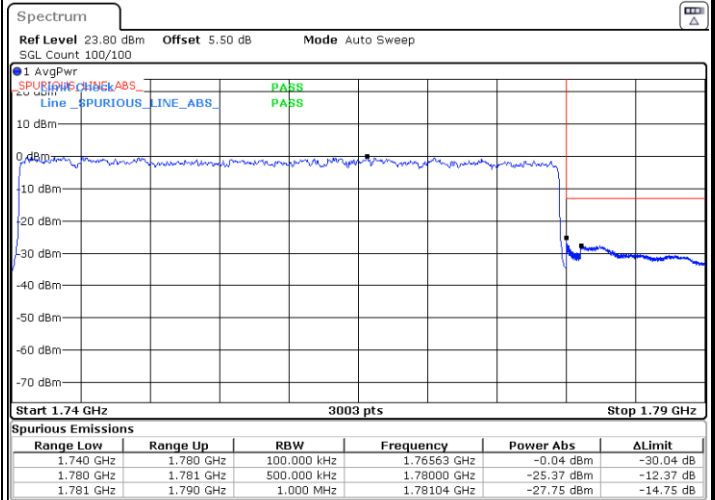
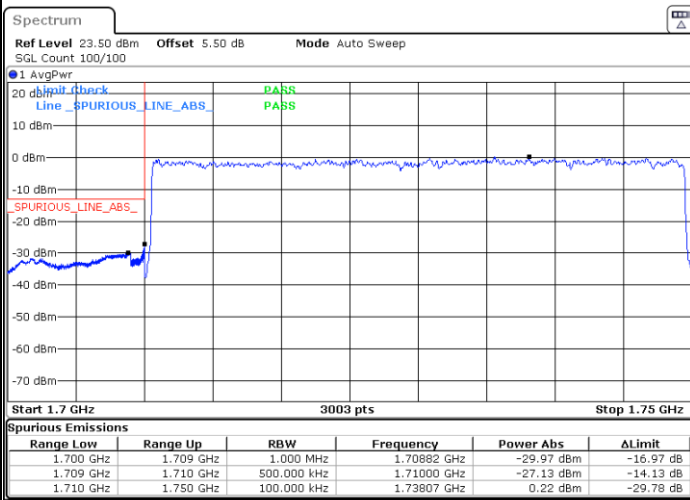


Date: 12. JUN. 2022 10:31:24

Date: 12. JUN. 2022 10:54:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12. JUN. 2022 10:38:23

Date: 12. JUN. 2022 10:56:02

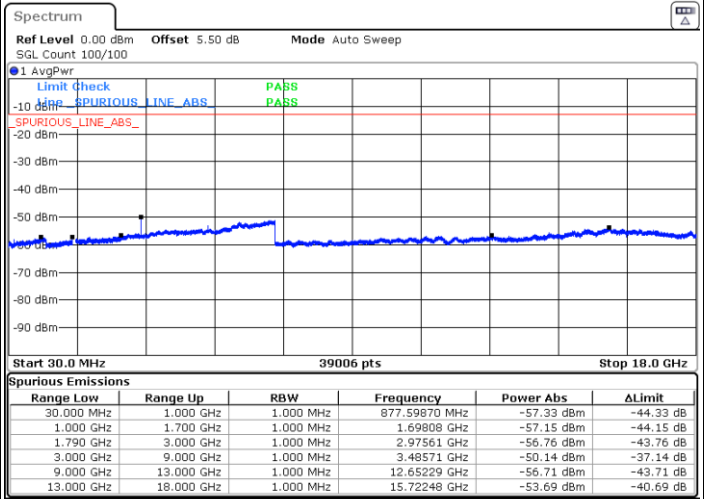
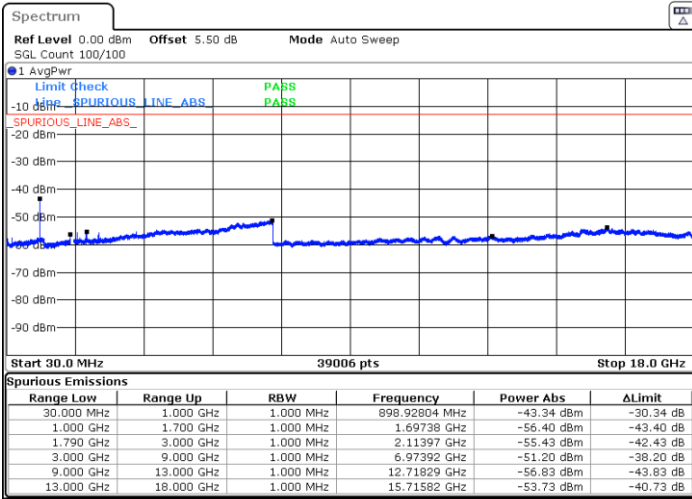


Conducted Spurious Emission

FR1 n66 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

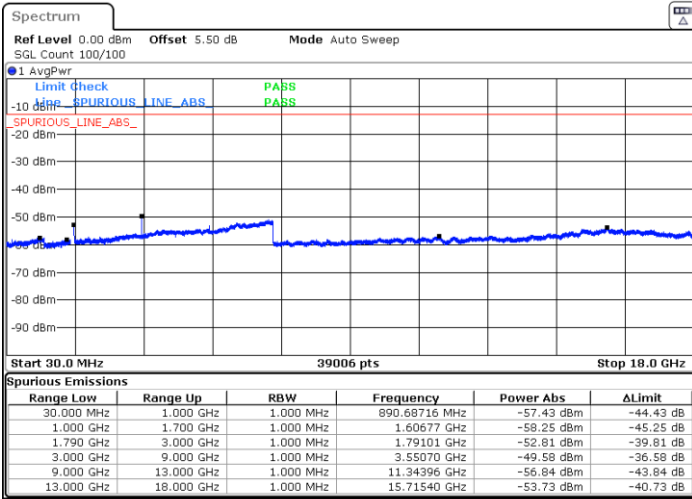
Middle Channel / 1RB1



Date: 9 JUN.2022 23:24:03

Date: 9 JUN.2022 23:50:41

Highest Channel / 1RB1



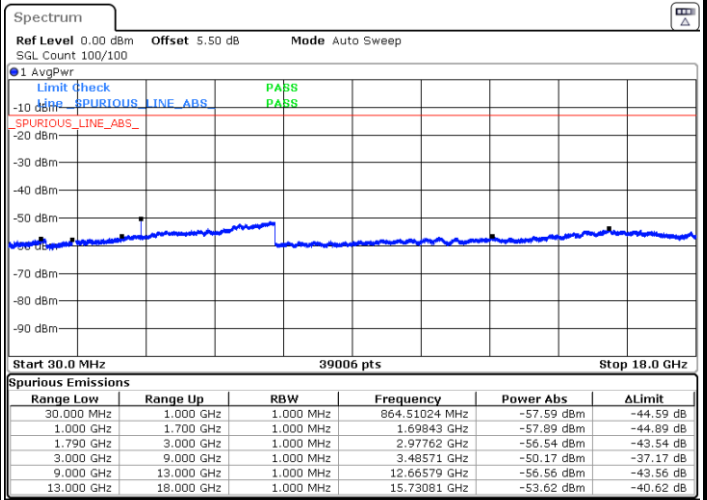
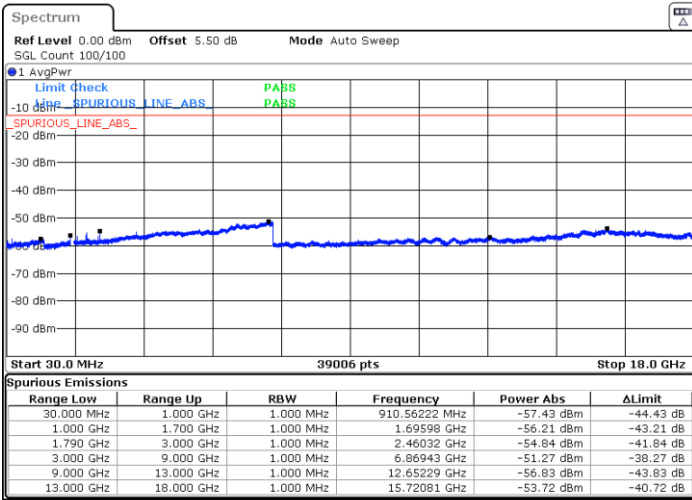
Date: 9 JUN.2022 23:53:53



FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

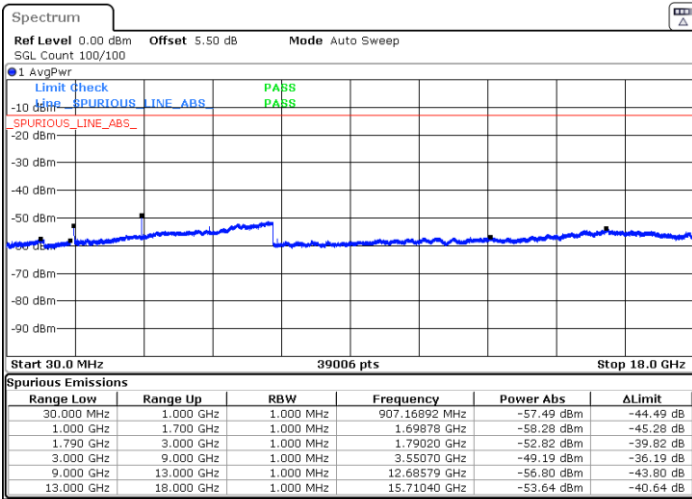
Middle Channel / 1RB1



Date: 9. JUN. 2022 23:32:11

Date: 9. JUN. 2022 23:52:14

Highest Channel / 1RB1



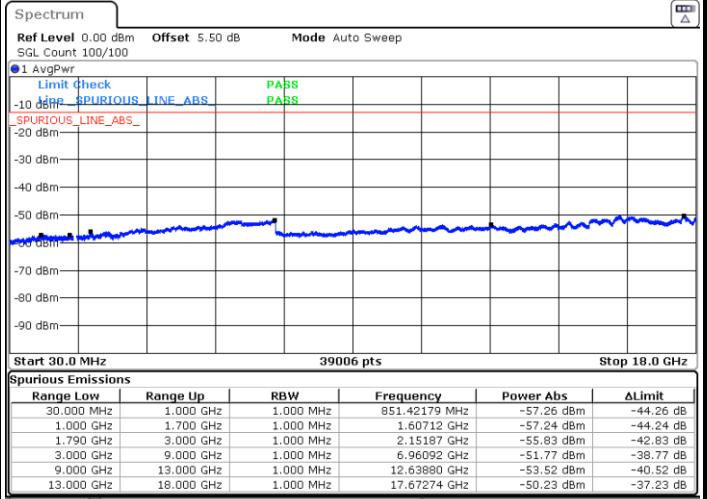
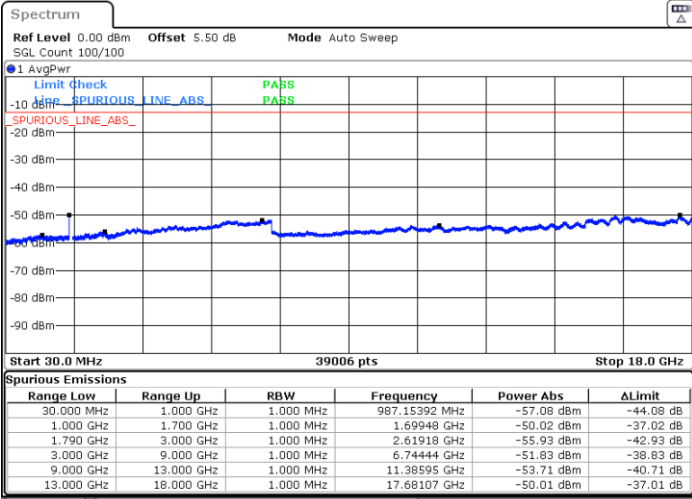
Date: 9. JUN. 2022 23:53:08



FR1 n66 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

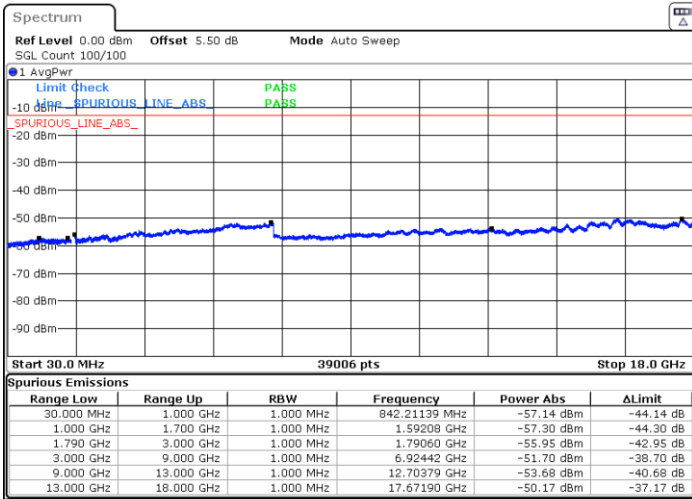
Middle Channel / 1RB1



Date: 12 JUN 2022 10:59:04

Date: 12 JUN 2022 11:05:46

Highest Channel / 1RB1



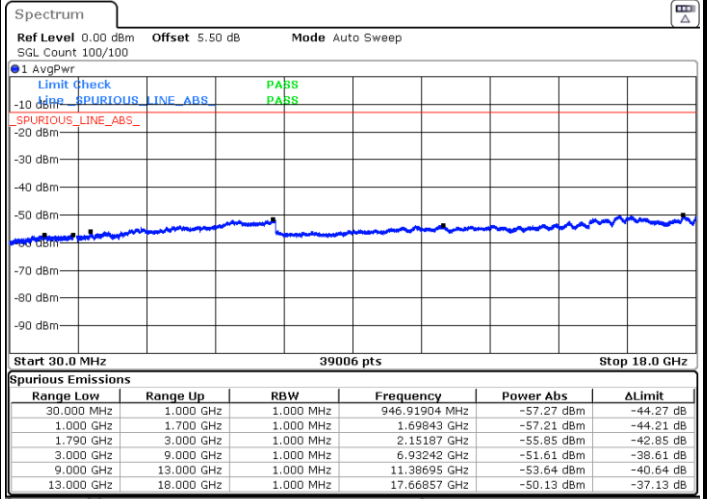
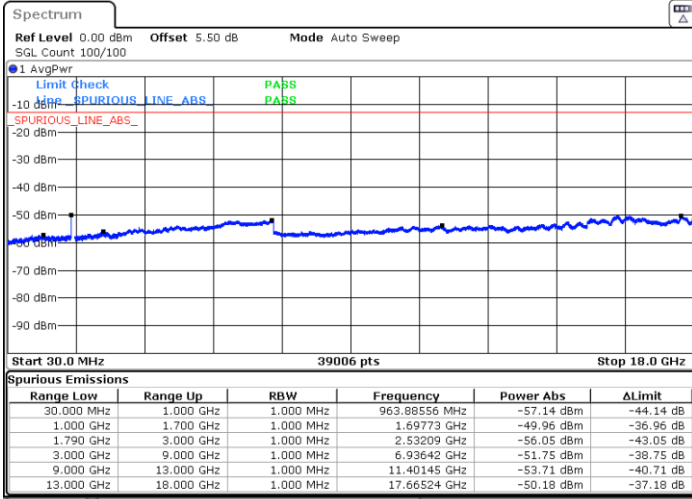
Date: 12 JUN 2022 11:07:33



FR1 n66 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

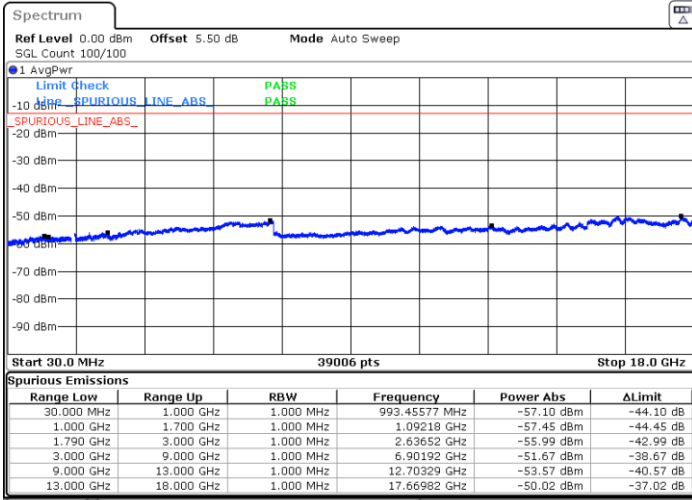
Middle Channel / 1RB1



Date: 12. JUN. 2022 11:02:37

Date: 12. JUN. 2022 11:06:33

Highest Channel / 1RB1



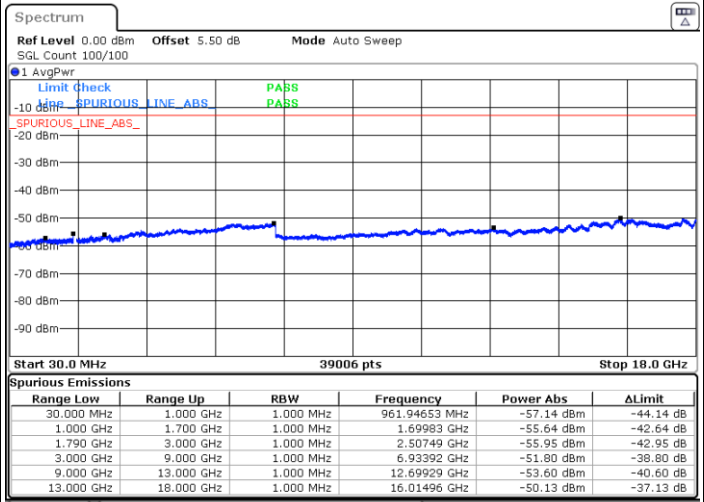
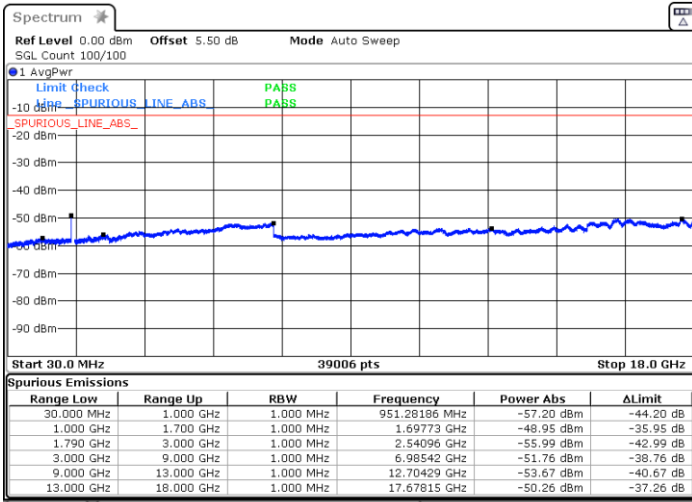
Date: 12. JUN. 2022 11:08:21



FR1 n66 / 40MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

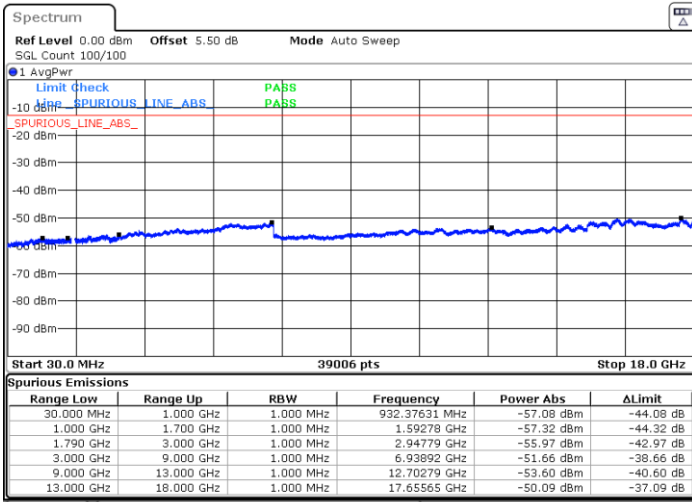
Middle Channel / 1RB1



Date: 12 JUN.2022 10:29:21

Date: 12 JUN.2022 10:51:50

Highest Channel / 1RB1



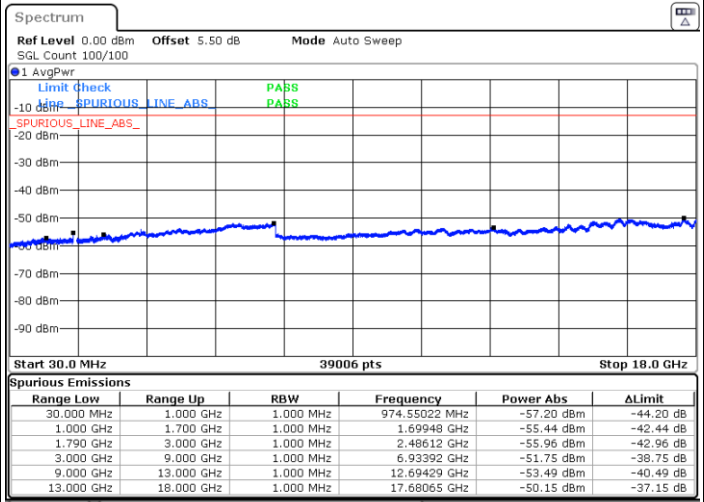
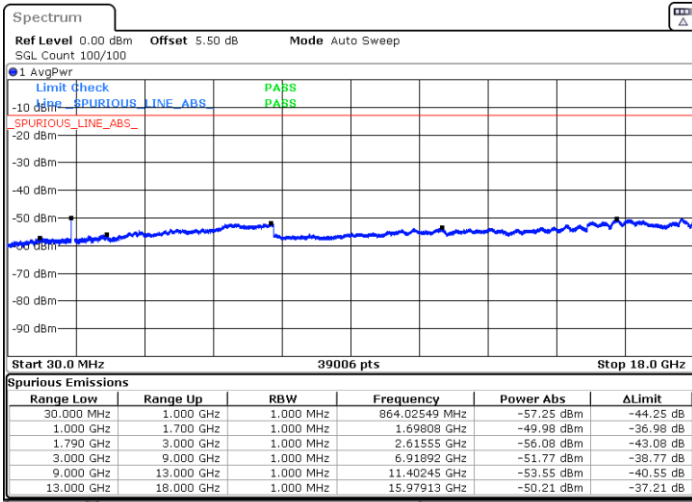
Date: 12 JUN.2022 10:53:24



FR1 n66 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

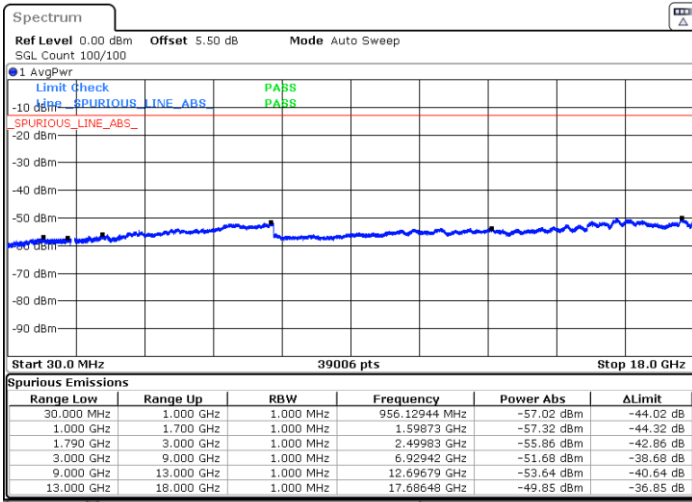
Middle Channel / 1RB1



Date: 12.JUN.2022 10:30:09

Date: 12.JUN.2022 10:50:46

Highest Channel / 1RB1



Date: 12.JUN.2022 10:54:07



Frequency Stability

Test Conditions		FR1 n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0081	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

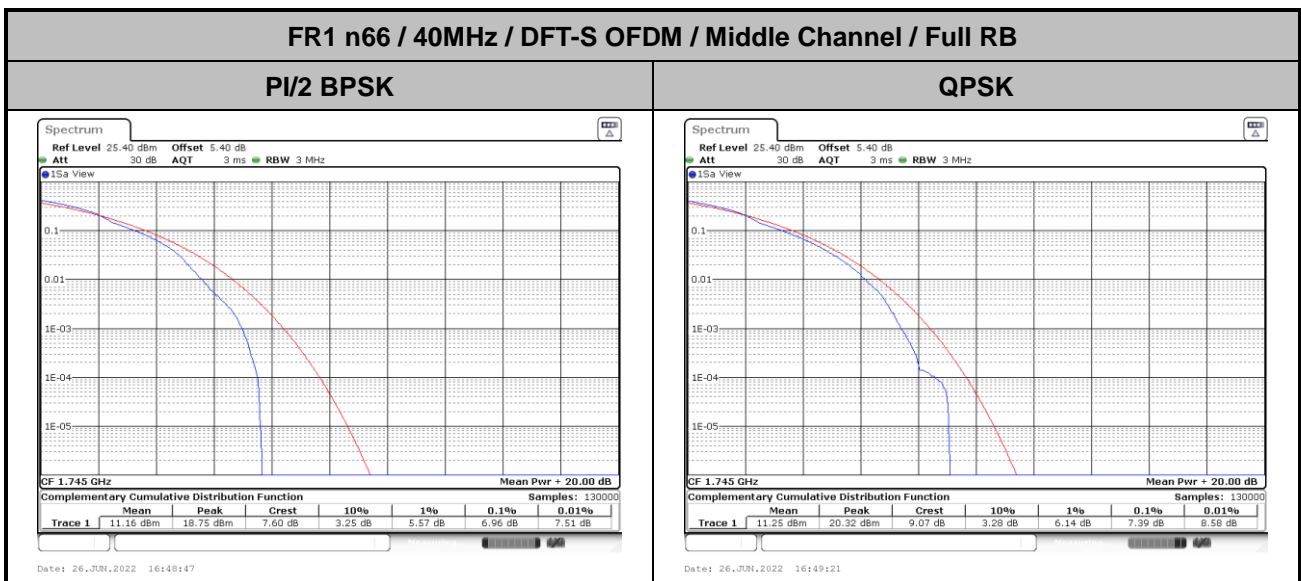
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



FR1 n66(Other PA)

Peak-to-Average Ratio

Mode	FR1 n66 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK			Limit: 13dB
RB Size	Full RB	Full RB			Result
Middle CH	6.96	7.39			PASS





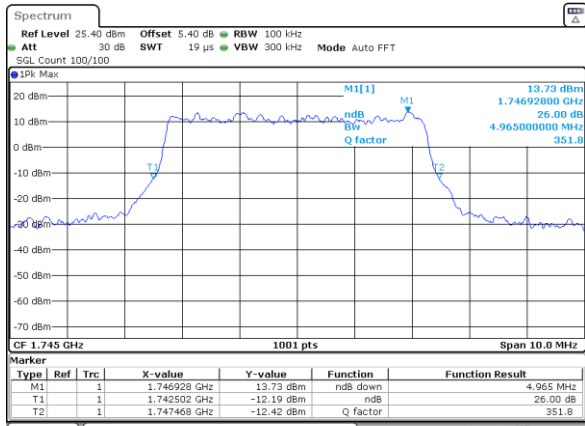
26dB Bandwidth

Mode	FR1 n66 : 26dBW (MHz) / CP OFDM											
BW	5MHz		10MHz		15MHz		20MHz		30M		40M	
Mod.	QPSK		QPSK		QPSK		QPSK		QPSK		QPSK	
Middle CH	4.97		10.15		14.99		21.30		29.67		41.00	
Mod.	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM
Middle CH	5.17	5.32	10.13	10.31	15.32	15.20	21.34	21.34	29.55	29.67	40.92	41.00
Mod.	256QAM		256QAM		256QAM		256QAM		256QAM		256QAM	
Middle CH	5.33		10.19		14.93		21.22		29.49		40.92	



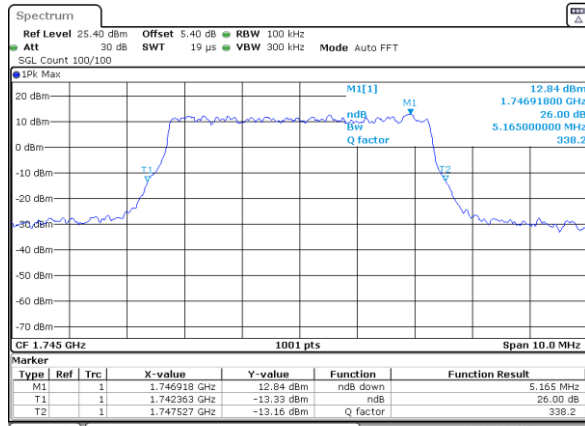
FR1 n66 / 5MHz / CP OFDM / Middle Channel / Full RB

QPSK



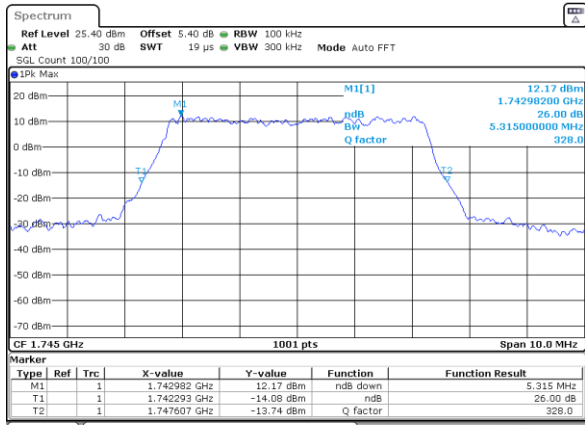
Date: 26 JUN 2022 15:52:07

16QAM



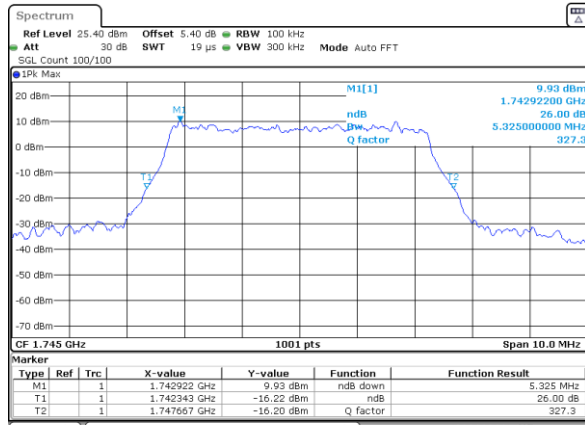
Date: 26 JUN 2022 15:52:58

64QAM



Date: 26 JUN 2022 15:53:21

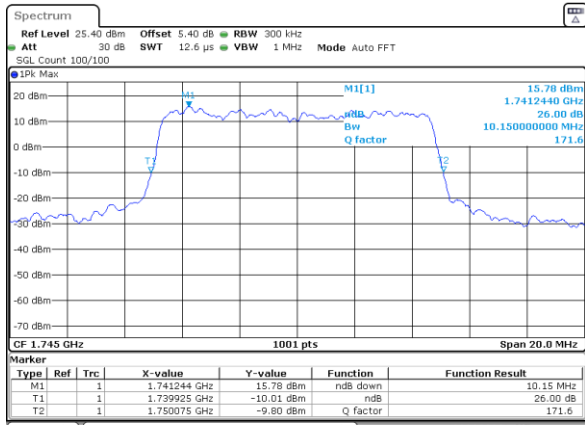
256QAM



Date: 26 JUN 2022 15:54:08

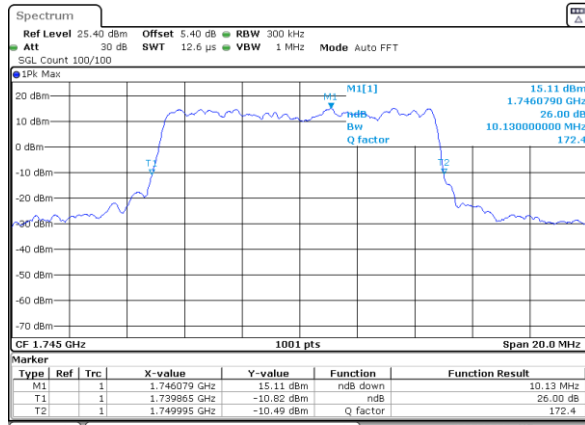
FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK



Date: 26 JUN 2022 16:05:24

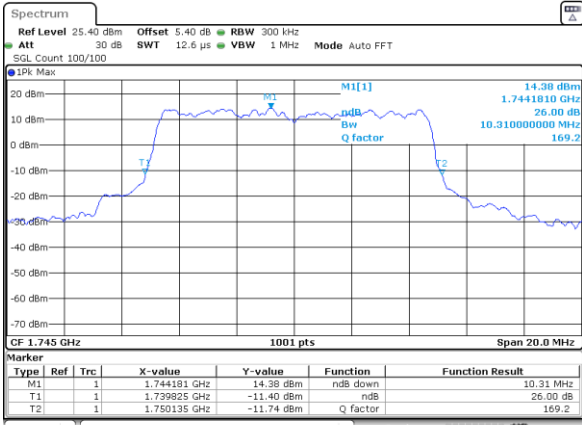
16QAM



Date: 26 JUN 2022 16:06:04

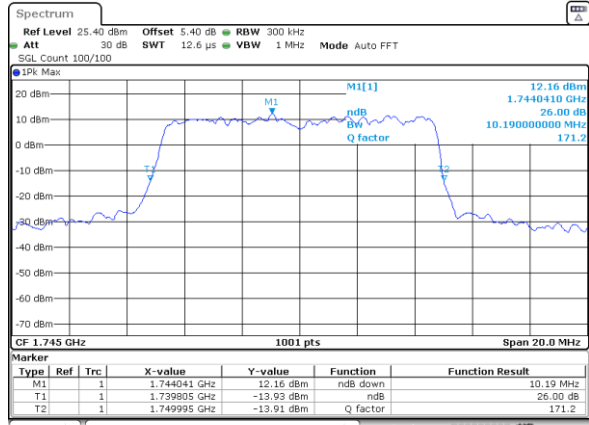


64QAM



Date: 26 JUN 2022 16:06:34

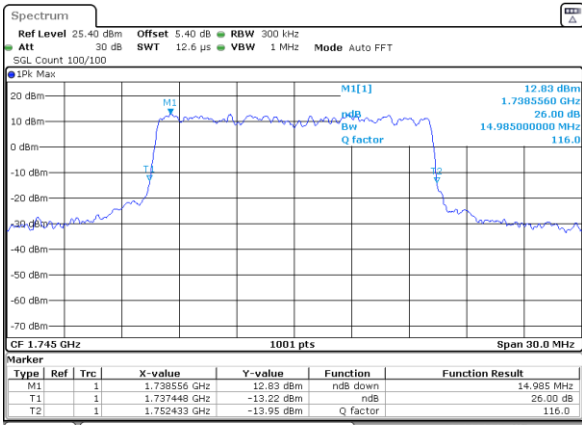
256QAM



Date: 26 JUN 2022 16:07:02

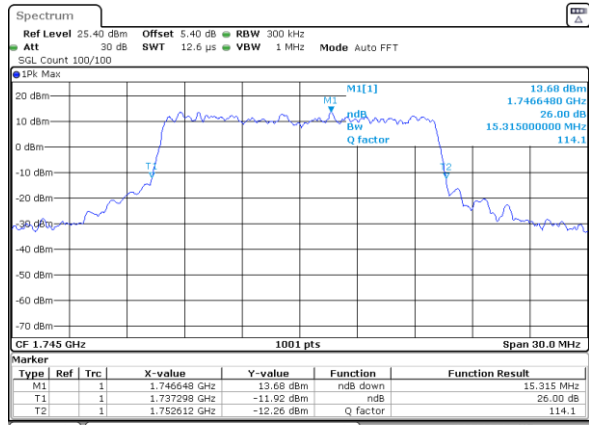
FR1 n66 /15MHz / CP OFDM / Middle Channel / Full RB

QPSK



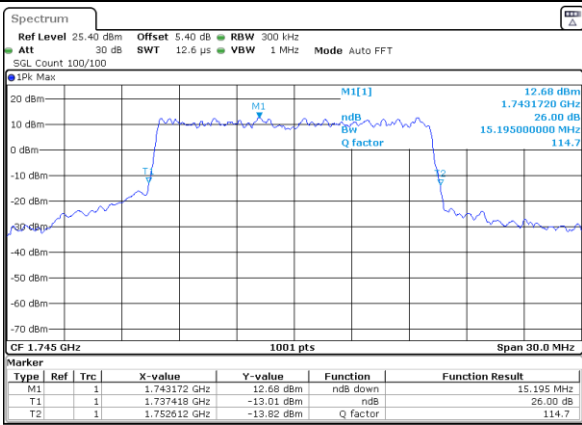
Date: 26 JUN 2022 16:08:41

16QAM



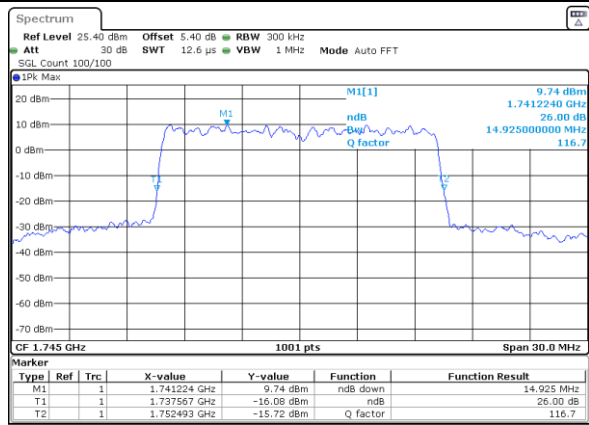
Date: 26 JUN 2022 16:09:14

64QAM



Date: 26 JUN 2022 16:09:45

256QAM

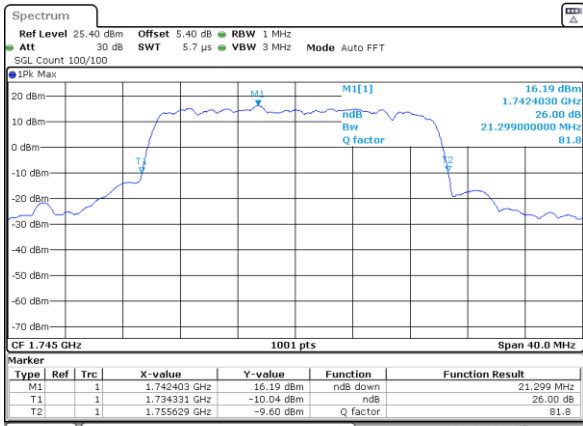


Date: 26 JUN 2022 16:10:26



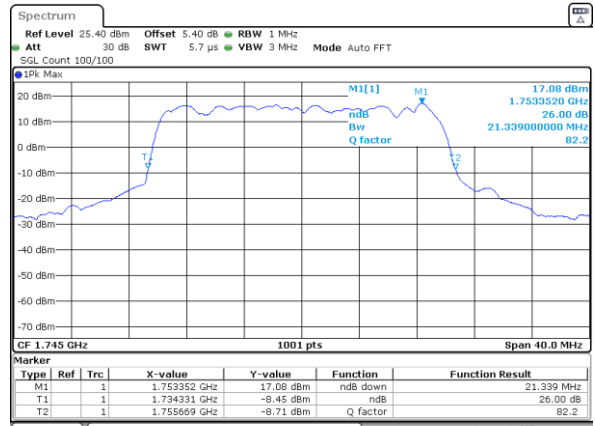
FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK



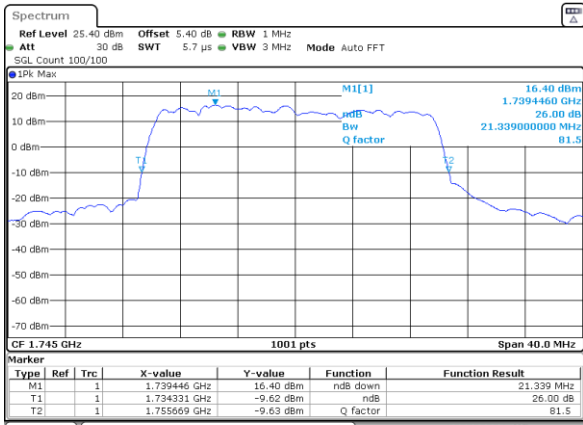
Date: 26 JUN 2022 16:11:41

16QAM



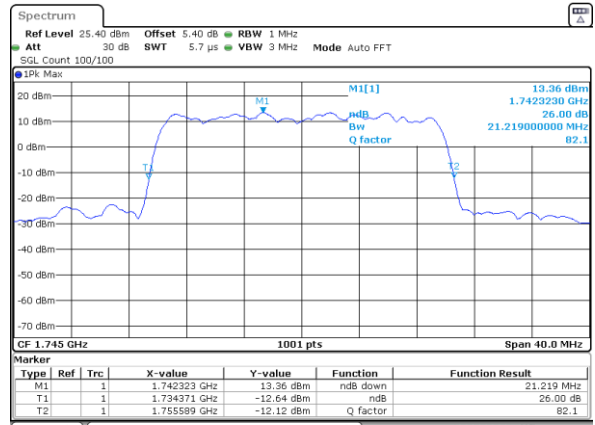
Date: 26 JUN 2022 16:12:16

64QAM



Date: 26 JUN 2022 16:13:01

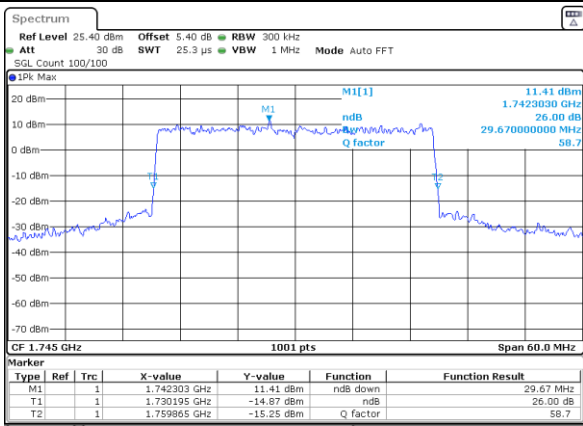
256QAM



Date: 26 JUN 2022 16:13:35

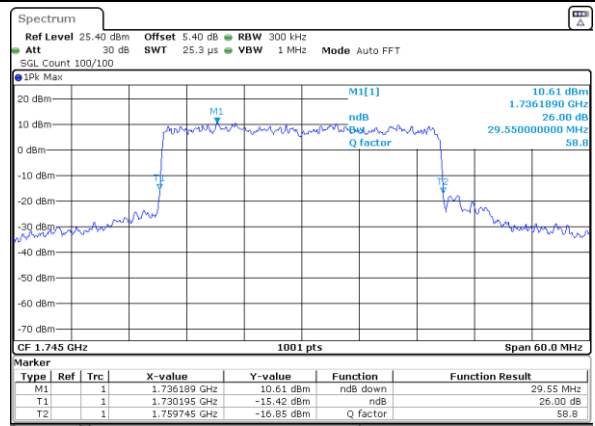
FR1 n66 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



Date: 26 JUN 2022 16:28:51

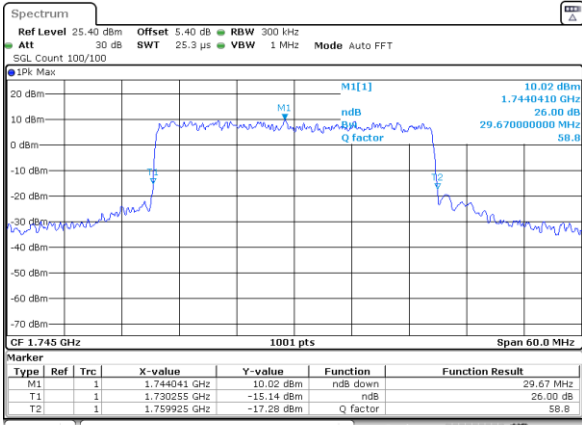
16QAM



Date: 26 JUN 2022 16:29:30

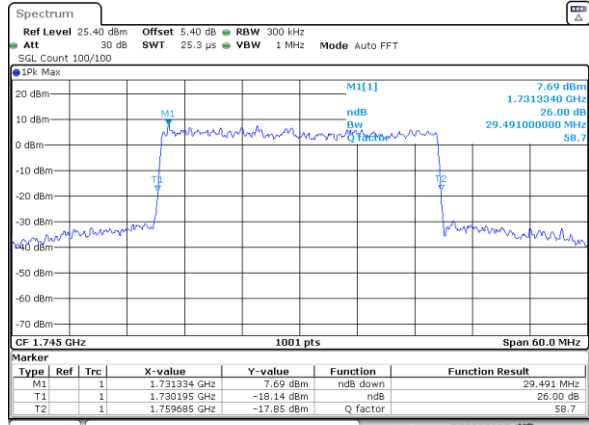


64QAM



Date: 26 JUN 2022 16:30:13

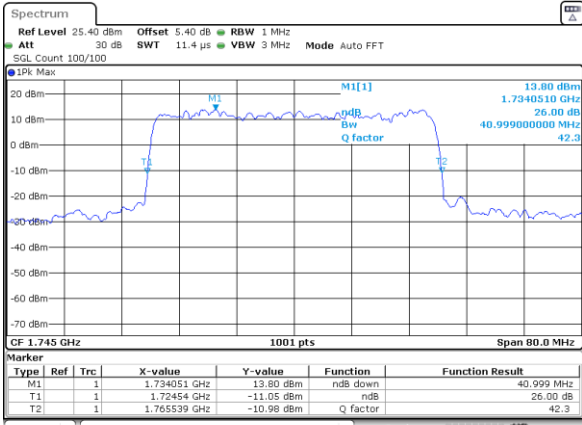
256QAM



Date: 26 JUN 2022 16:30:52

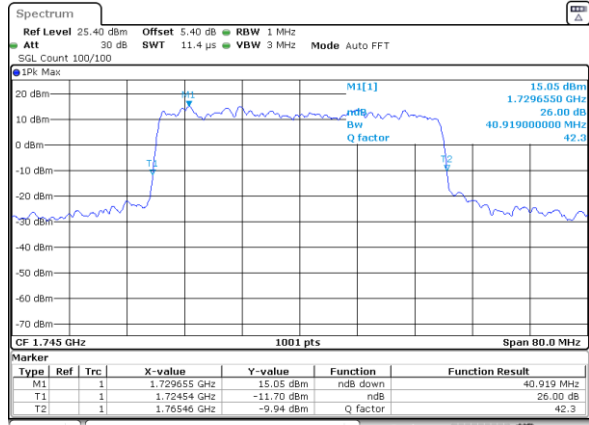
FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



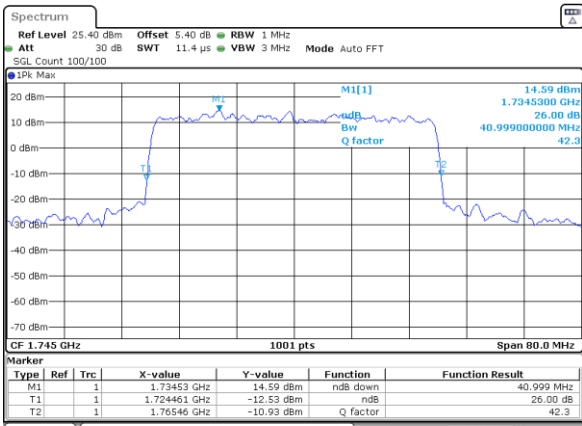
Date: 26 JUN 2022 16:32:26

16QAM



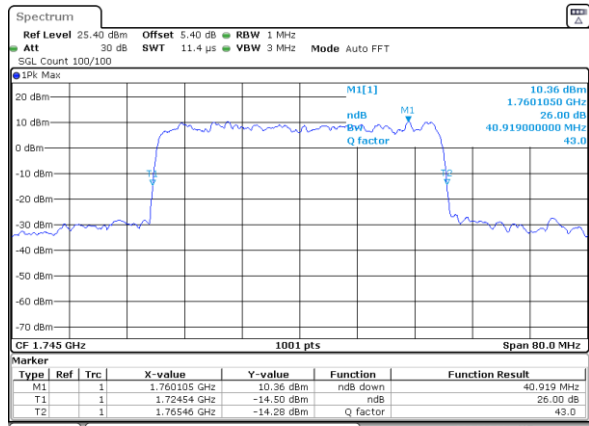
Date: 26 JUN 2022 16:32:51

64QAM



Date: 26 JUN 2022 16:33:15

256QAM



Date: 26 JUN 2022 16:33:47



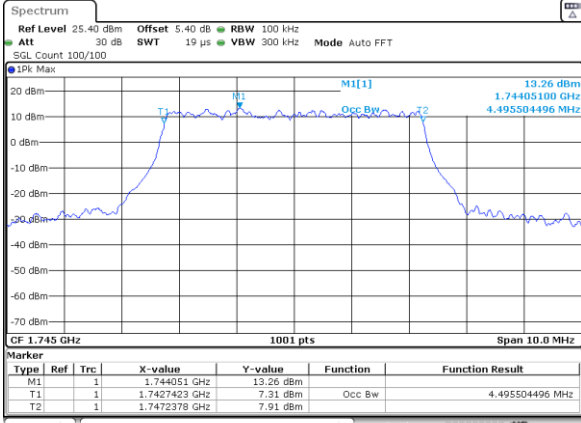
Occupied Bandwidth

Mode	FR1 n66 : 99%OBW (MHz) / CP OFDM											
BW	5MHz		10MHz		15MHz		20MHz		30MHz		40MHz	
Mod.	QPSK		QPSK		QPSK		QPSK		QPSK		QPSK	
Middle CH	4.50		9.35		14.18		19.46		28.47		38.84	
Mod.	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM	16QAM	64QAM
Middle CH	4.53	4.50	9.39	9.37	14.15	14.15	19.42	19.30	28.65	28.47	38.68	38.92
Mod.	256QAM		256QAM		256QAM		256QAM		256QAM		256QAM	
Middle CH	4.51		9.37		14.15		19.62		28.53		38.76	



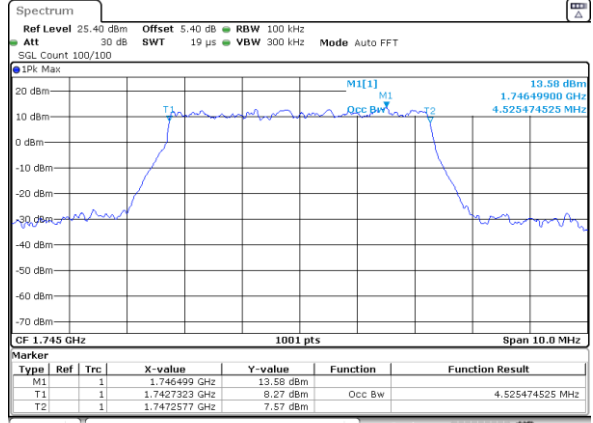
FR1 n66/ 5MHz / CP OFDM / Middle Channel / Full RB

QPSK



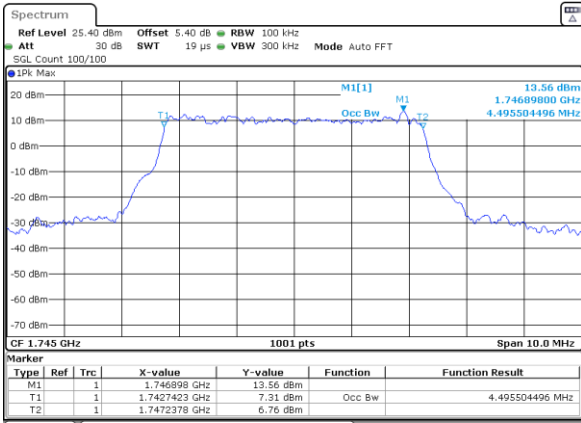
Date: 26 JUN 2022 15:52:17

16QAM



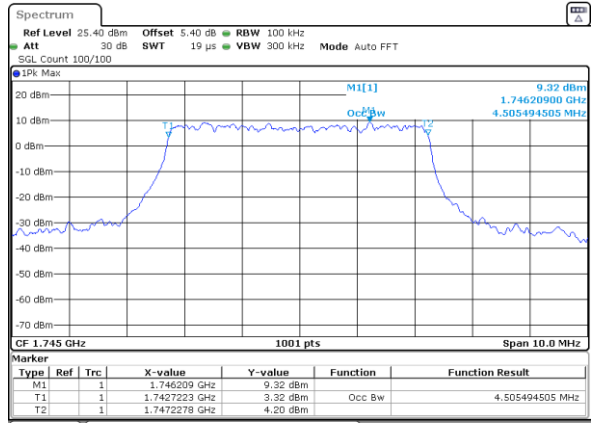
Date: 26 JUN 2022 15:53:06

64QAM



Date: 26 JUN 2022 15:53:47

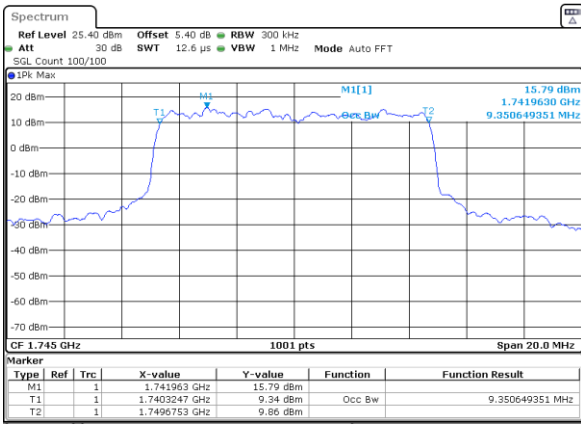
256QAM



Date: 26 JUN 2022 15:54:23

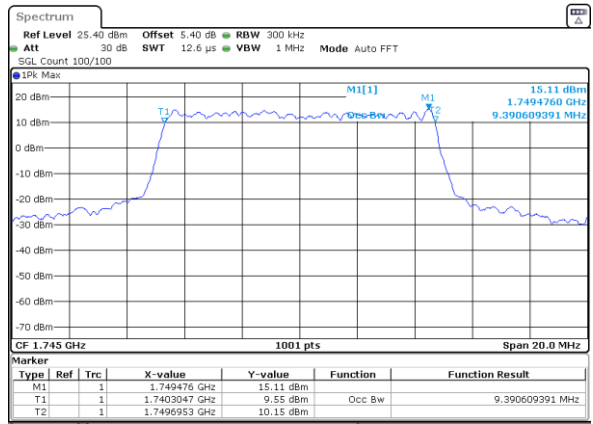
FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK



Date: 26 JUN 2022 16:05:35

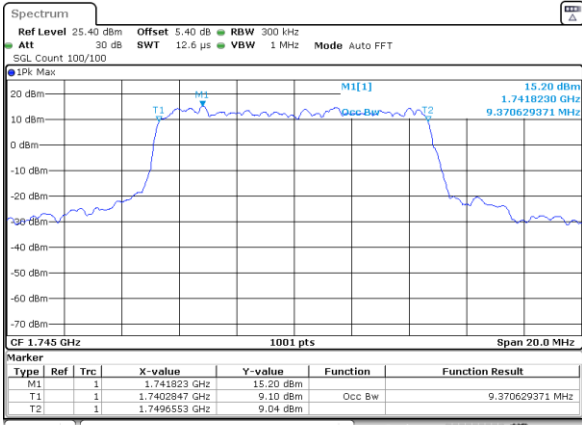
16QAM



Date: 26 JUN 2022 16:06:15

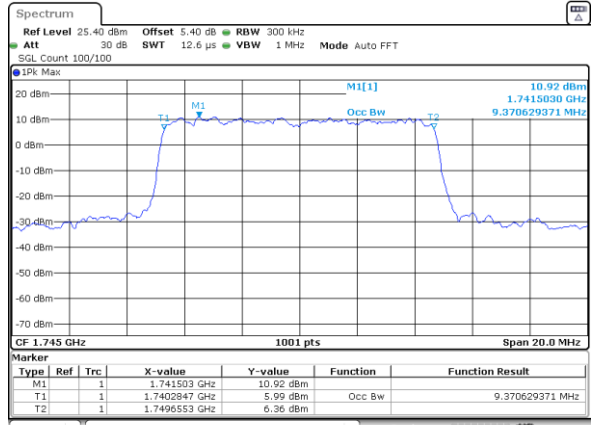


64QAM



Date: 26 JUN 2022 16:06:42

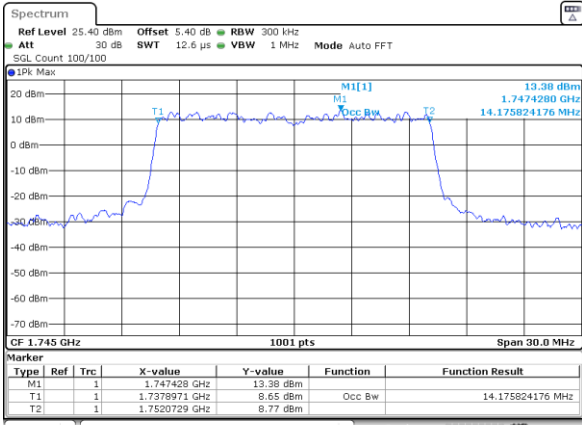
256QAM



Date: 26 JUN 2022 16:07:18

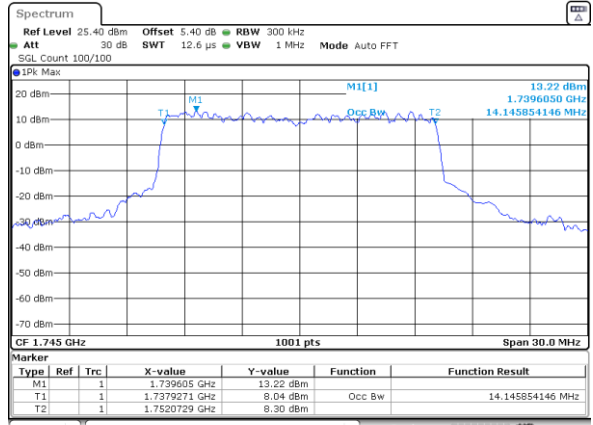
FR1 n66 /15MHz / CP OFDM / Middle Channel / Full RB

QPSK



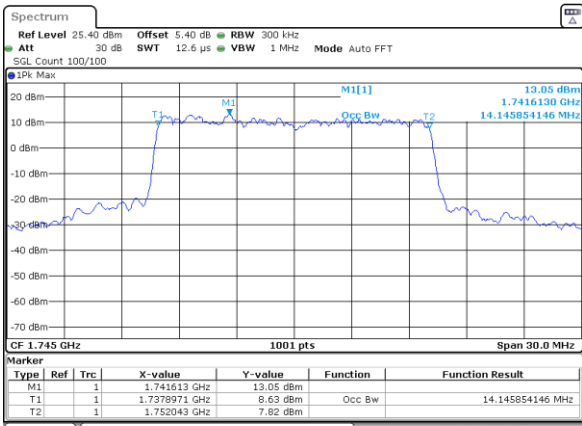
Date: 26 JUN 2022 16:08:53

16QAM



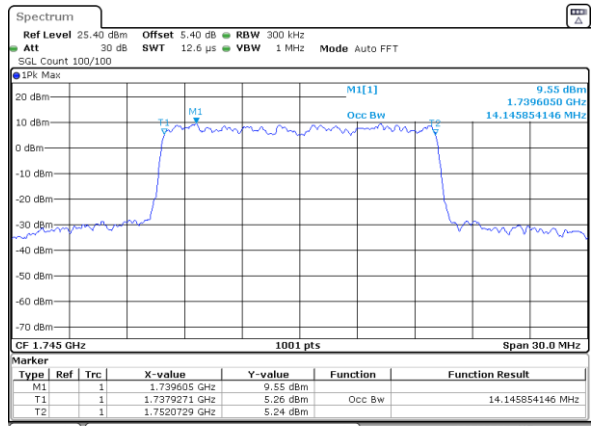
Date: 26 JUN 2022 16:09:22

64QAM



Date: 26 JUN 2022 16:10:06

256QAM

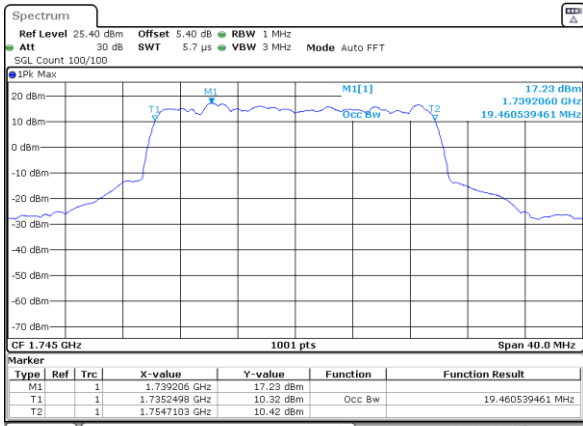


Date: 26 JUN 2022 16:10:36



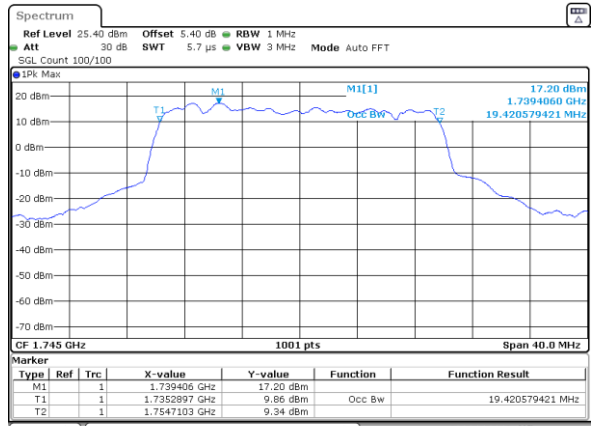
FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK



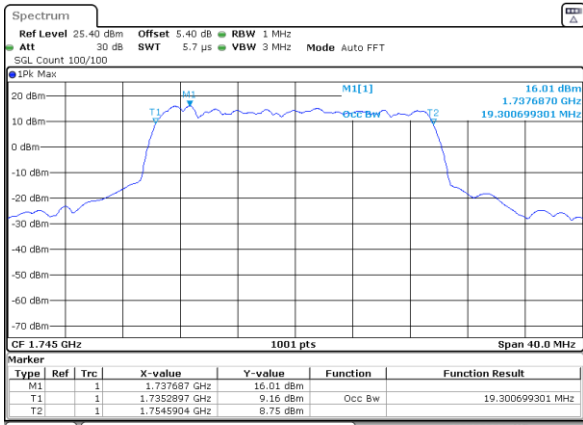
Date: 26 JUN 2022 16:11:58

16QAM



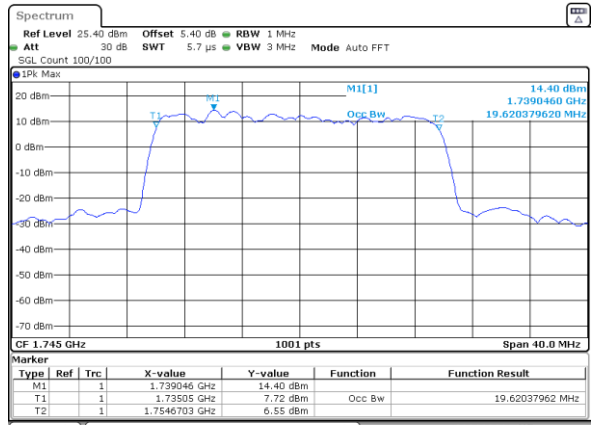
Date: 26 JUN 2022 16:12:32

64QAM



Date: 26 JUN 2022 16:13:10

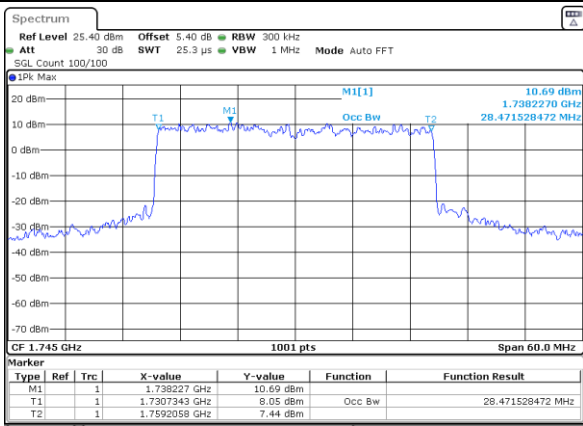
256QAM



Date: 26 JUN 2022 16:13:45

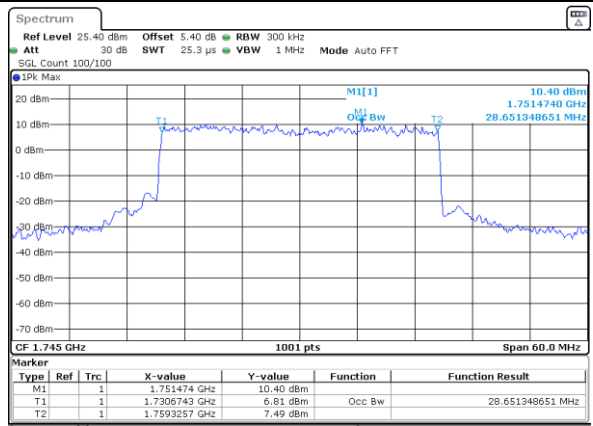
FR1 n66 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



Date: 26 JUN 2022 16:29:09

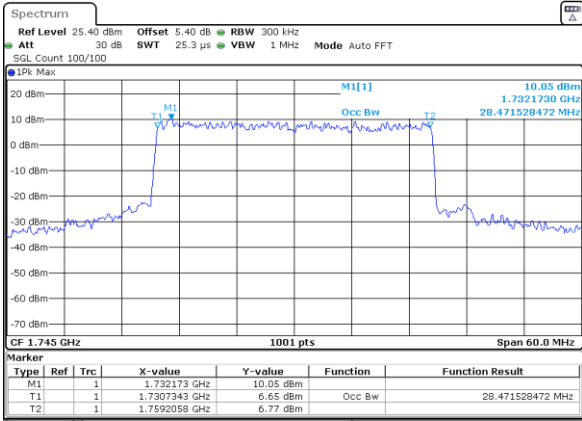
16QAM



Date: 26 JUN 2022 16:29:41

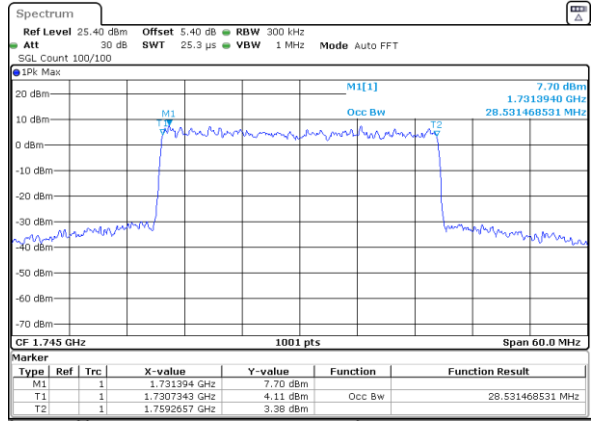


64QAM



Date: 26 JUN 2022 16:30:25

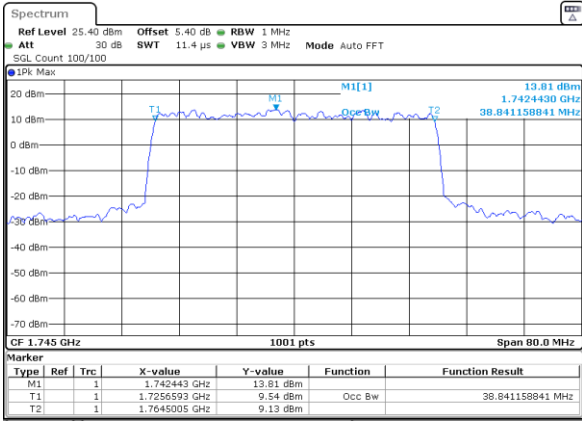
256QAM



Date: 26 JUN 2022 16:31:08

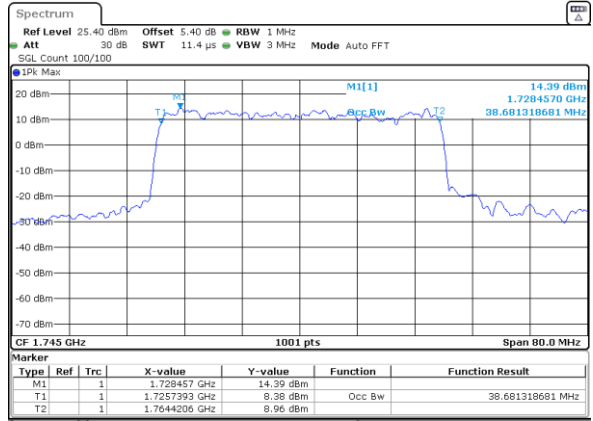
FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



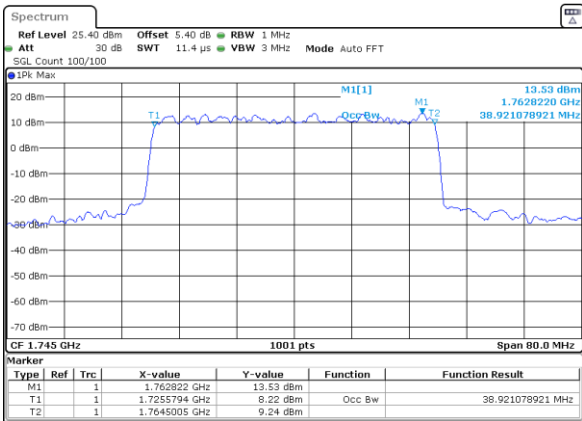
Date: 26 JUN 2022 16:32:34

16QAM



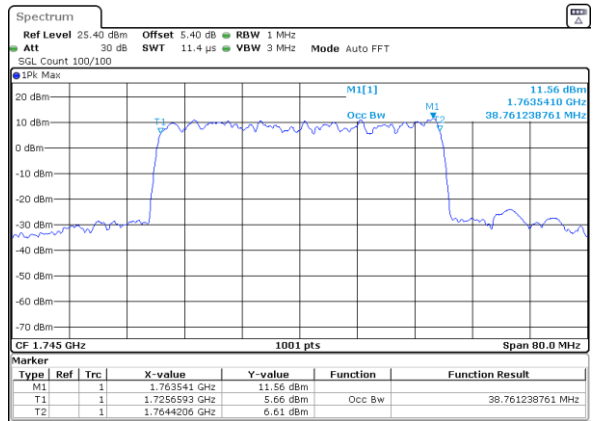
Date: 26 JUN 2022 16:32:58

64QAM



Date: 26 JUN 2022 16:33:22

256QAM



Date: 26 JUN 2022 16:33:54