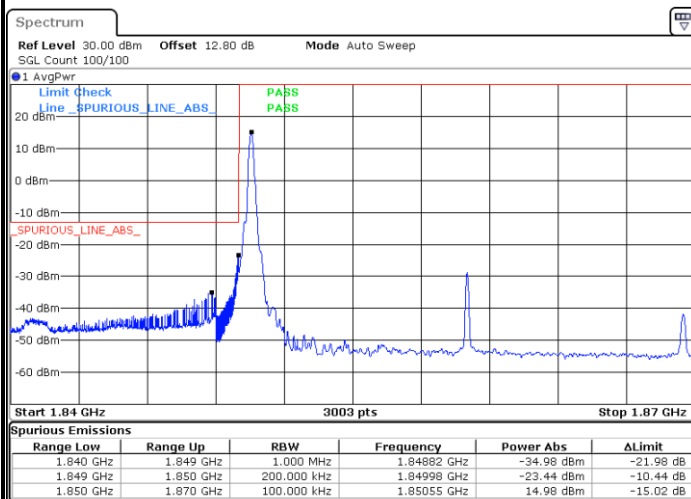


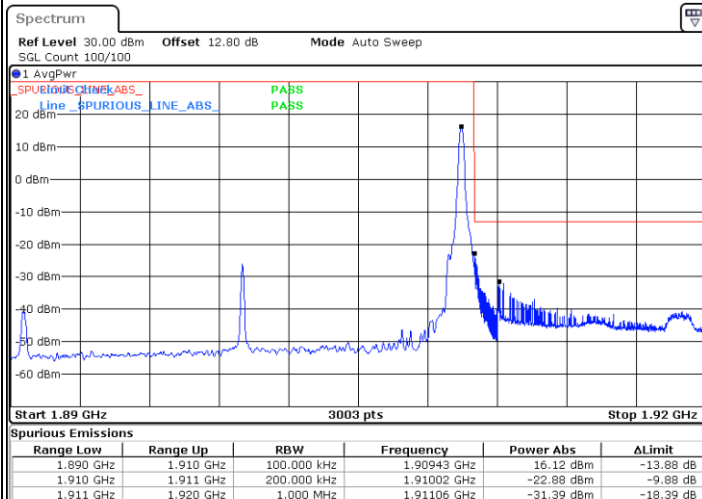


FR1 n2 / 20MHz / 256QAM / DFT-S OFDM

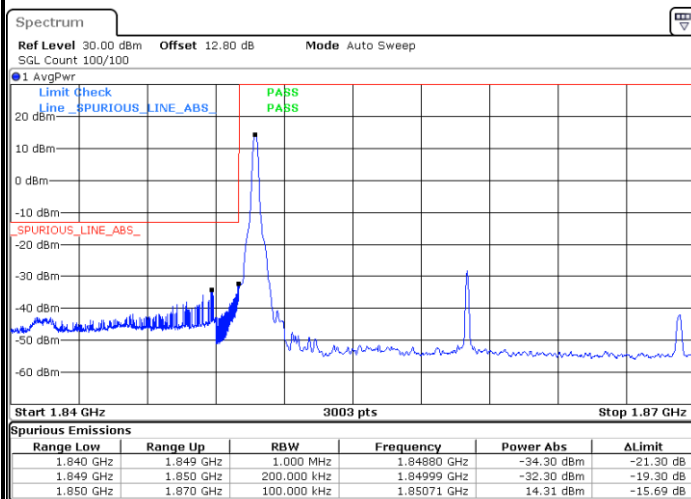
Lowest Band Edge / 1RB0



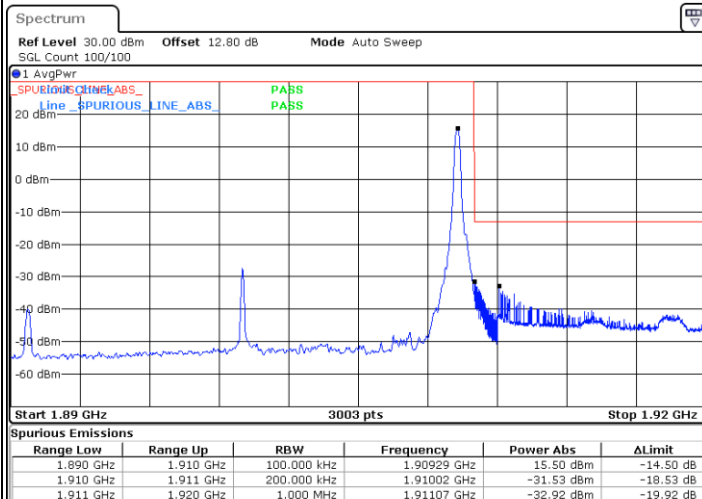
Highest Band Edge / 1RB105



Lowest Band Edge / 1RB1



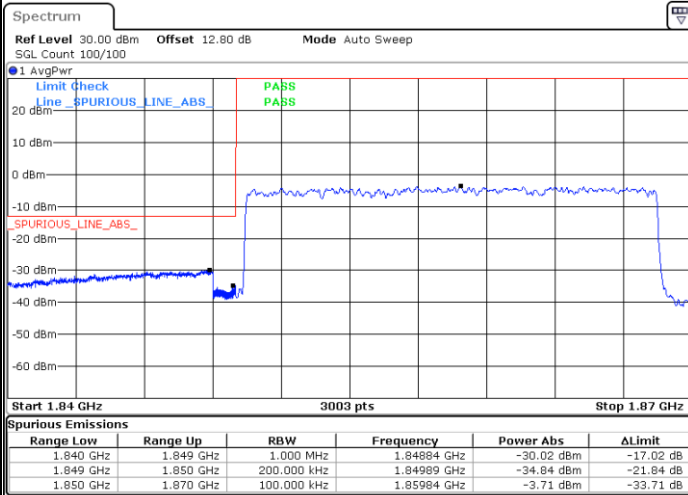
Highest Band Edge / 1RB104



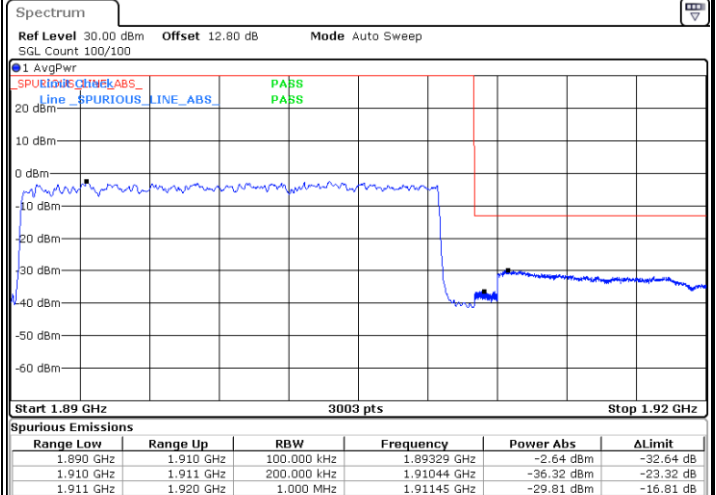


Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.FEB.2020 18:57:27



Date: 26.FEB.2020 18:58:41

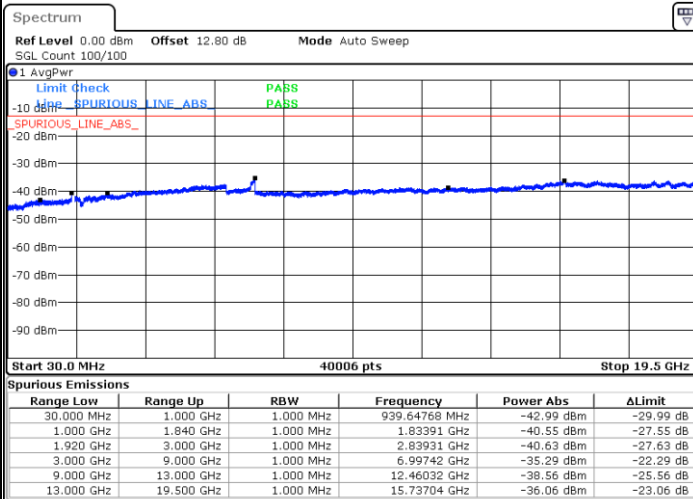


Conducted Spurious Emission

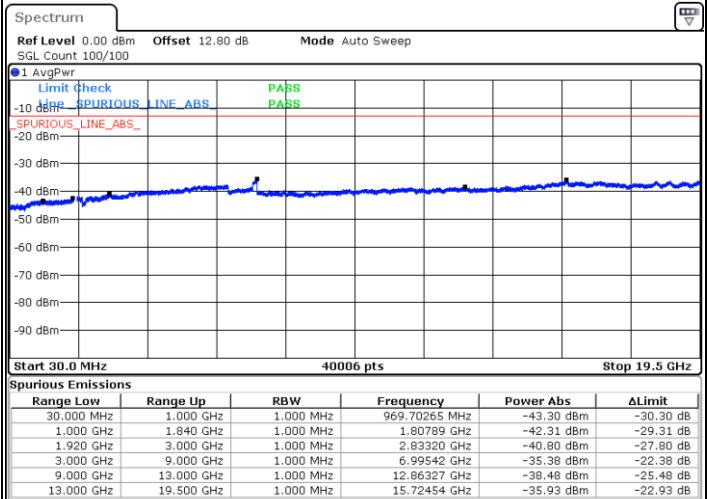
FR1 n2 / 5MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

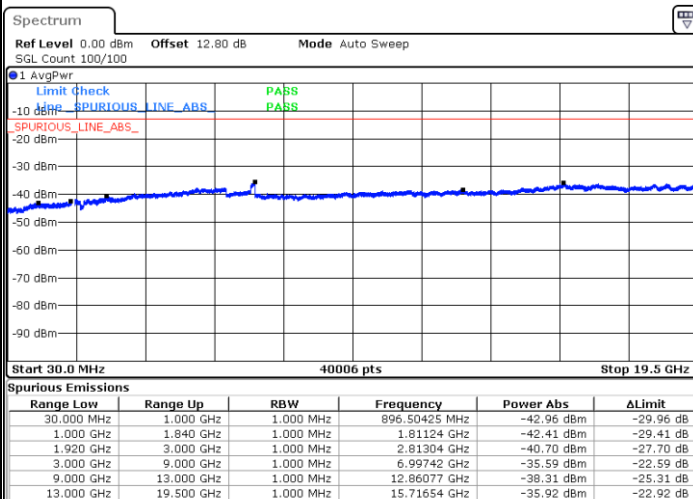


Date: 26.FEB.2020 16:51:06



Date: 26.FEB.2020 16:45:16

Highest Channel / 1RB1

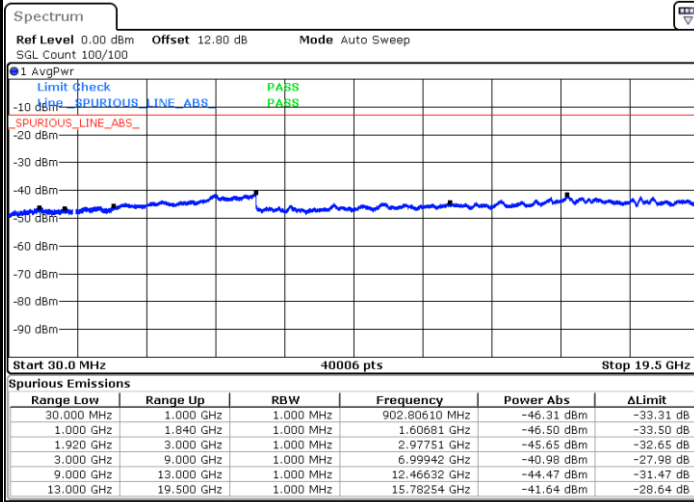


Date: 26.FEB.2020 16:49:36



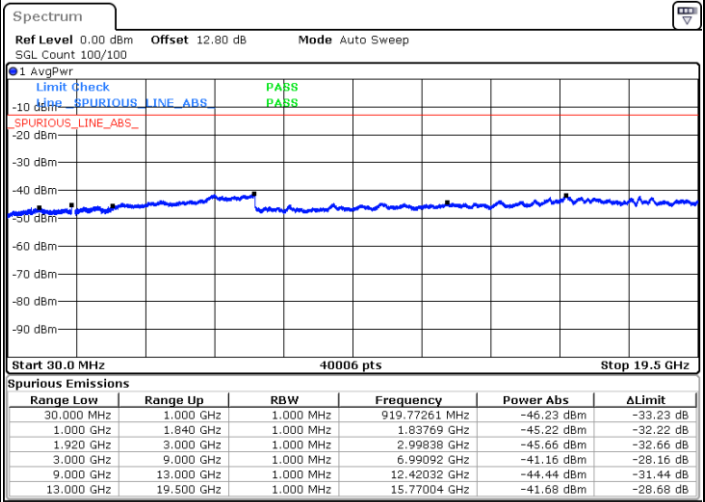
FR1 n2 / 5MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



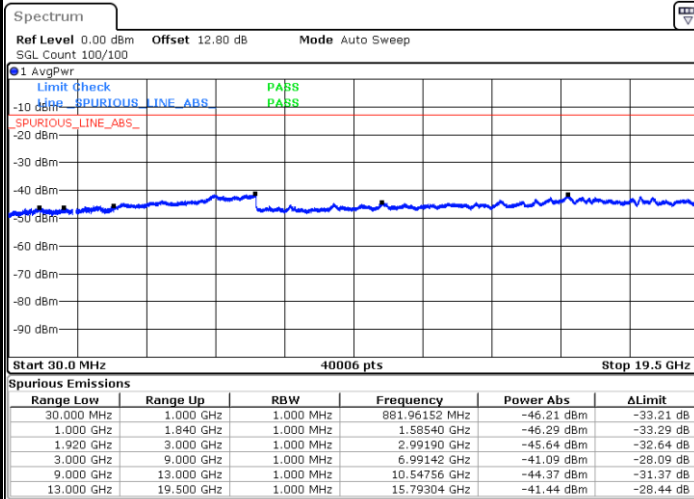
Date: 21.FEB.2020 05:25:12

Middle Channel / 1RB1



Date: 21.FEB.2020 05:52:42

Highest Channel / 1RB1

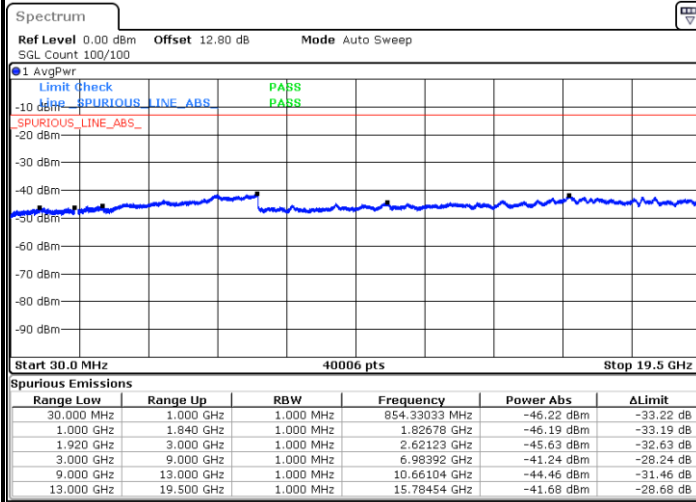


Date: 21.FEB.2020 06:42:50



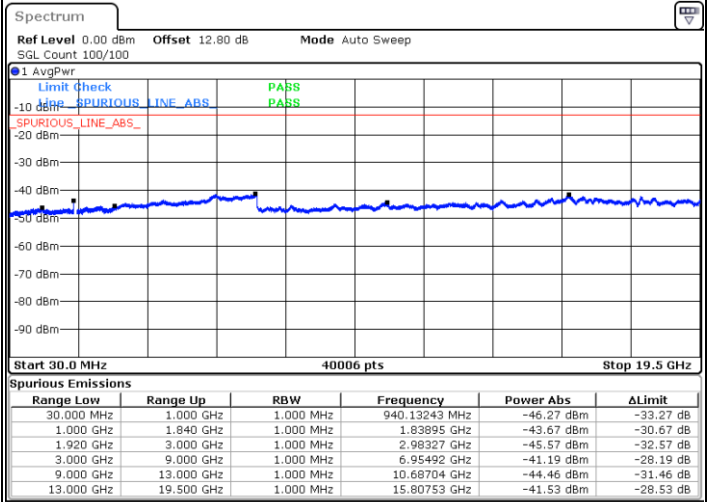
FR1 n2 / 5MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



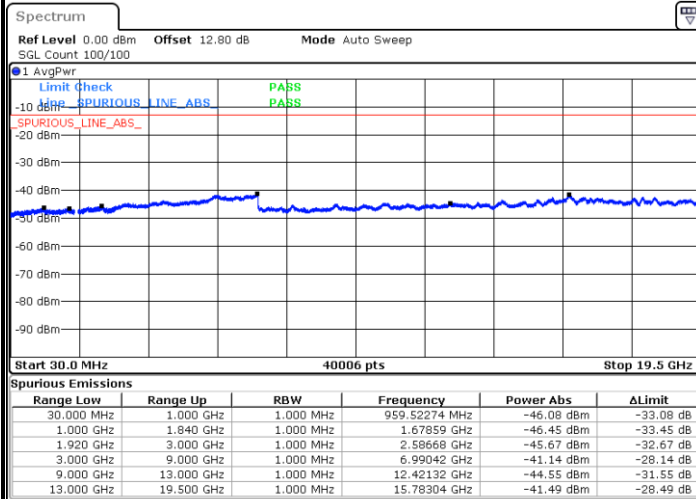
Date: 21.FEB.2020 05:43:19

Middle Channel / 1RB1



Date: 21.FEB.2020 06:00:34

Highest Channel / 1RB1

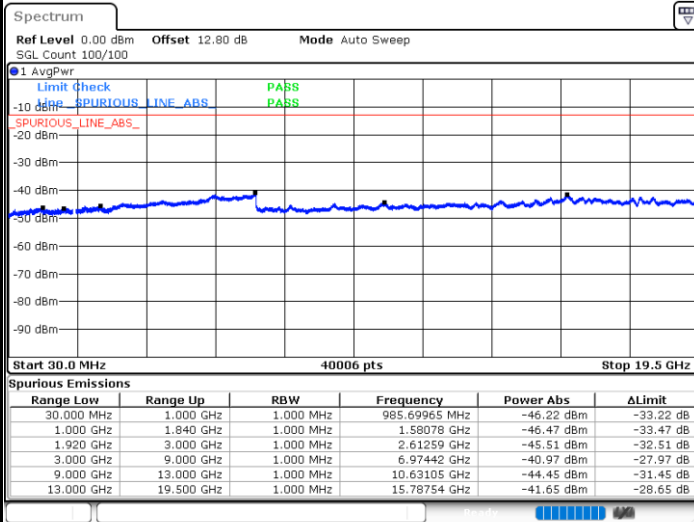


Date: 21.FEB.2020 06:50:49



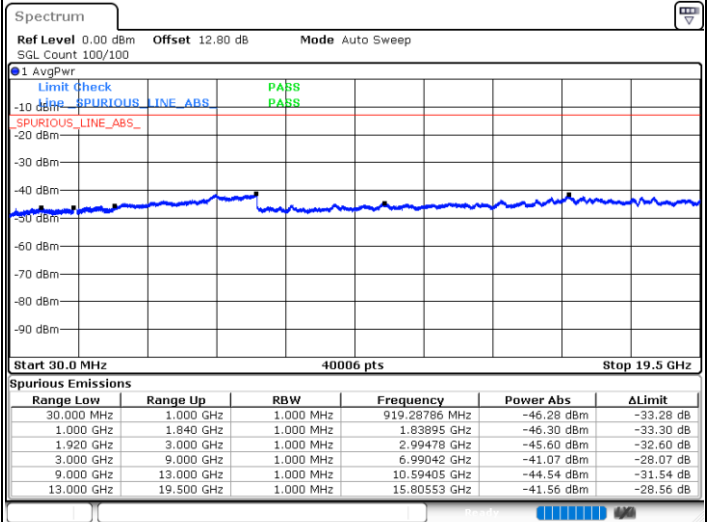
FR1 n2 / 5MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



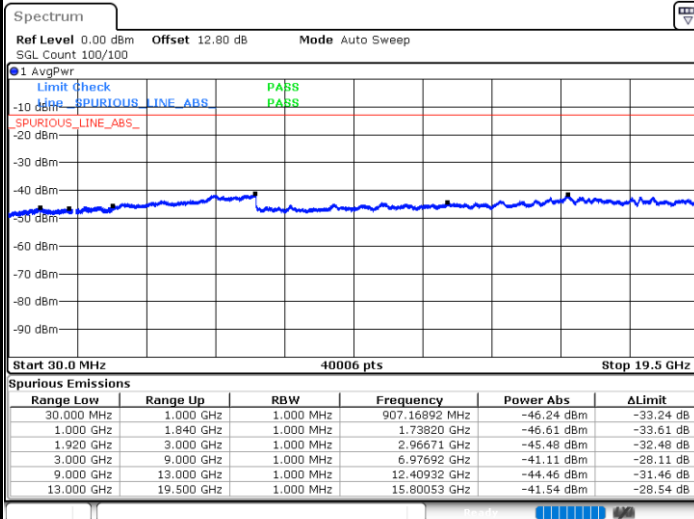
Date: 21.FEB.2020 05:44:20

Middle Channel / 1RB1



Date: 21.FEB.2020 06:01:21

Highest Channel / 1RB1

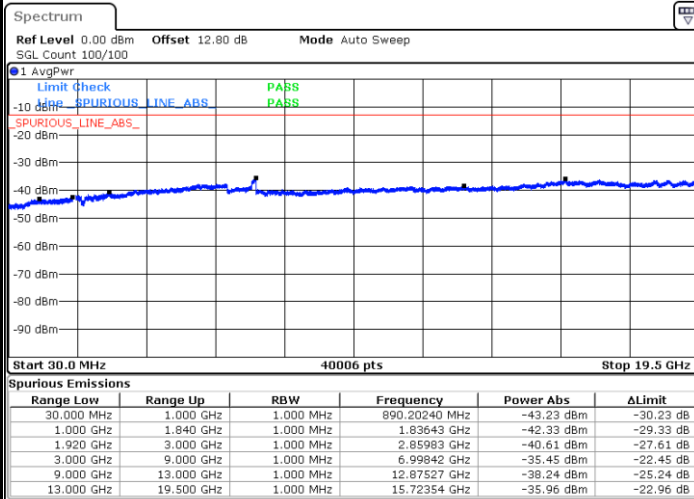


Date: 21.FEB.2020 06:51:36



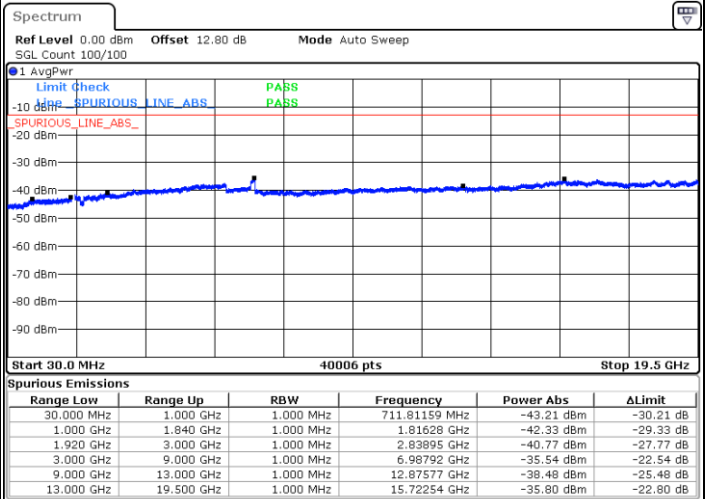
FR1 n2 / 5MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



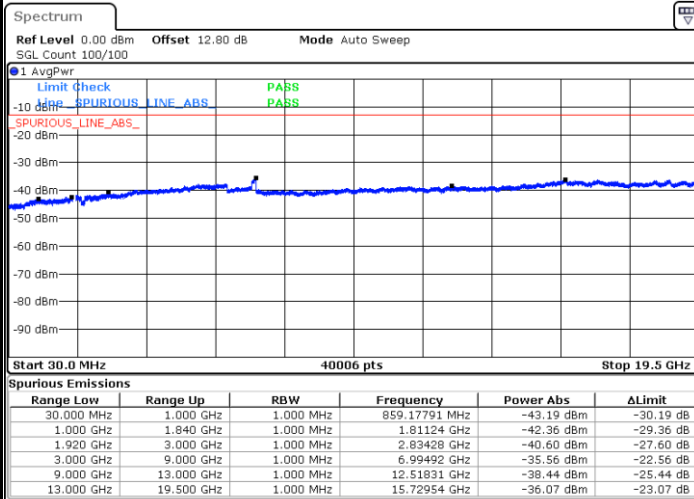
Date: 26.FEB.2020 16:52:22

Middle Channel / 1RB1



Date: 26.FEB.2020 16:47:19

Highest Channel / 1RB1

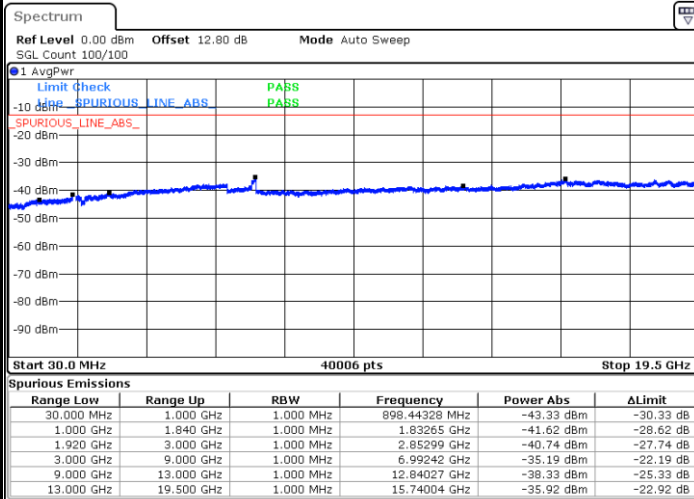


Date: 26.FEB.2020 16:48:25



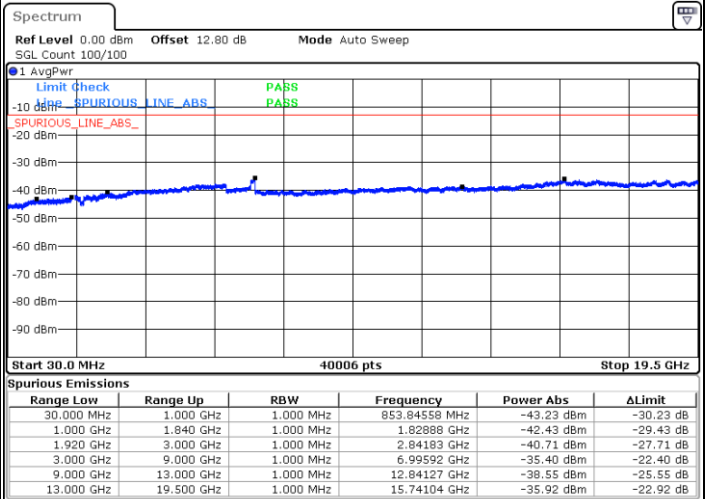
FR1 n2 / 10MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1



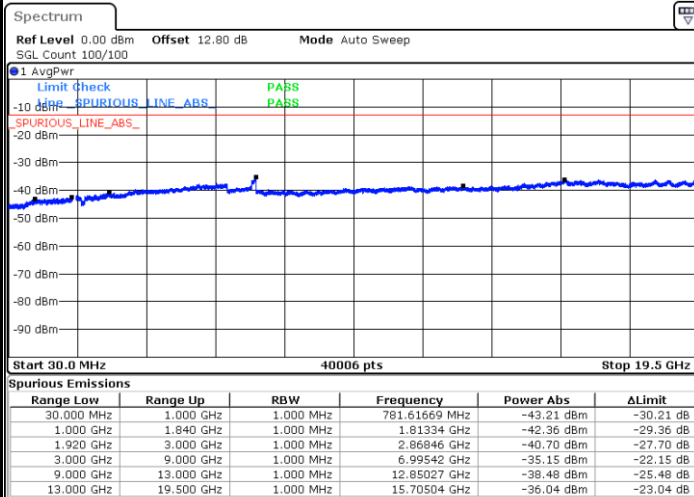
Date: 26.FEB.2020 17:52:52

Middle Channel / 1RB1



Date: 26.FEB.2020 17:53:47

Highest Channel / 1RB1

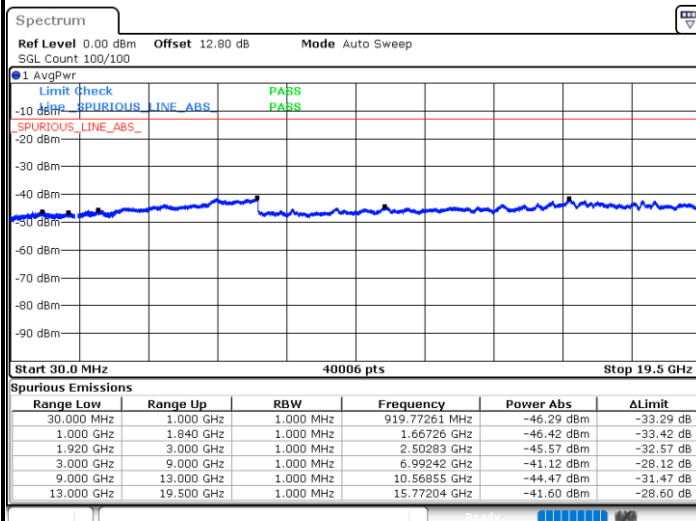


Date: 26.FEB.2020 17:55:02



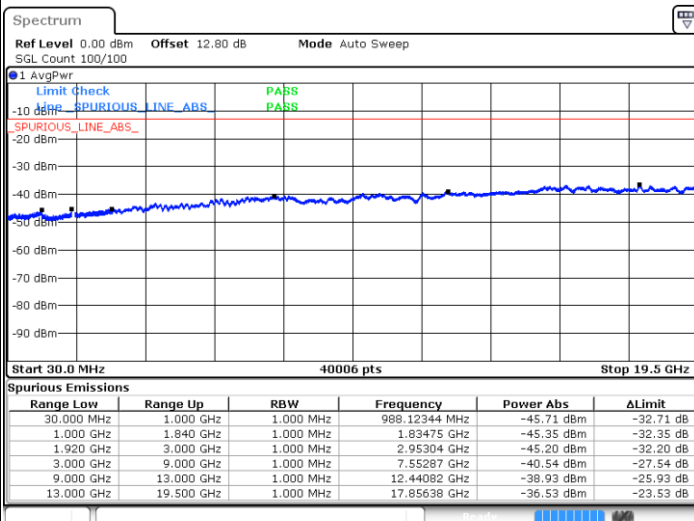
FR1 n2 / 10MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



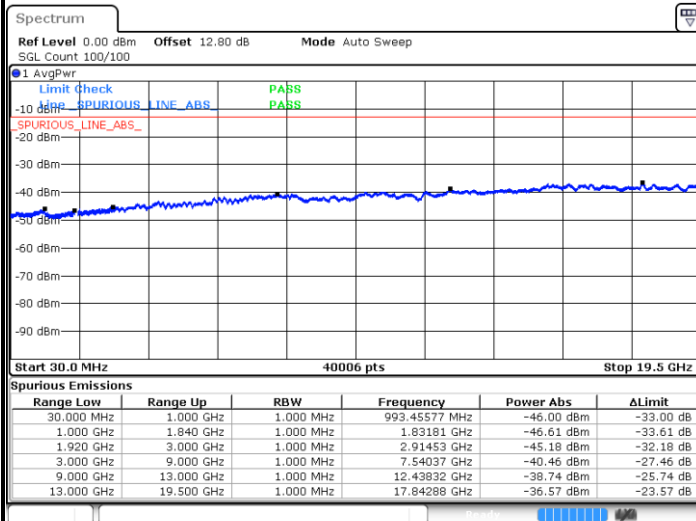
Date: 21.FEB.2020 07:05:42

Middle Channel / 1RB1



Date: 23.FEB.2020 10:39:09

Highest Channel / 1RB1

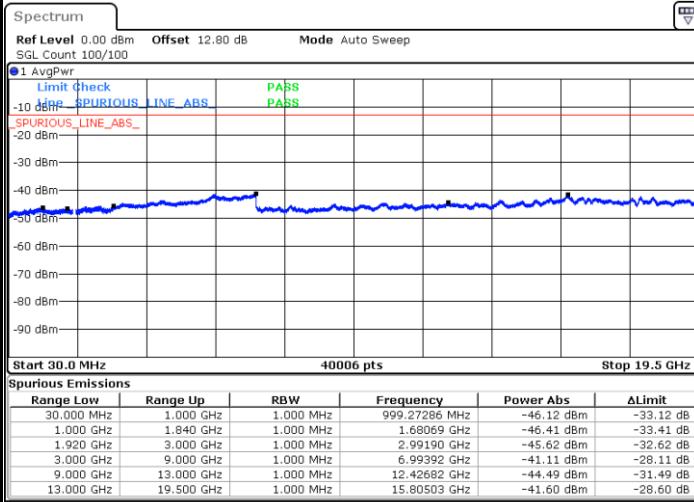


Date: 23.FEB.2020 10:55:15



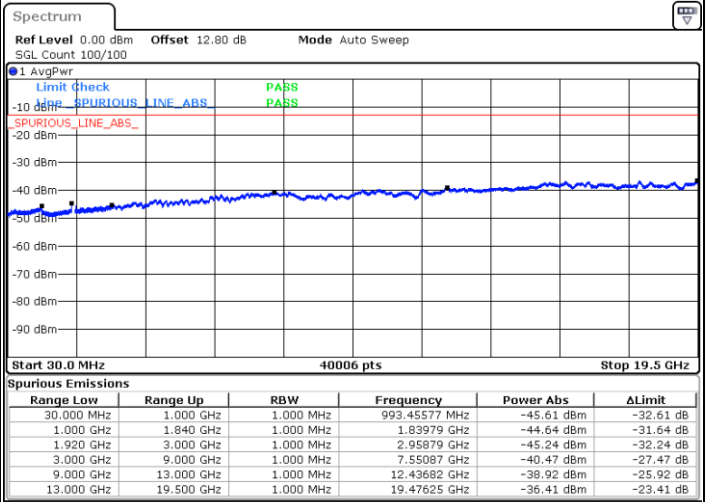
FR1 n2 / 10MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



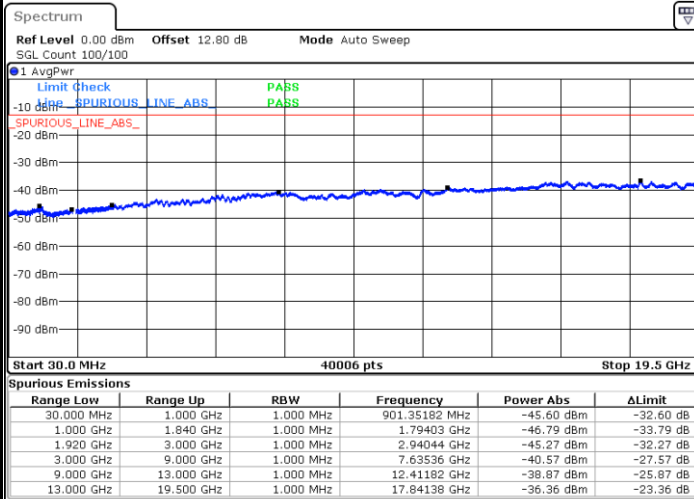
Date: 21.FEB.2020 07:09:22

Middle Channel / 1RB1



Date: 23.FEB.2020 10:40:23

Highest Channel / 1RB1

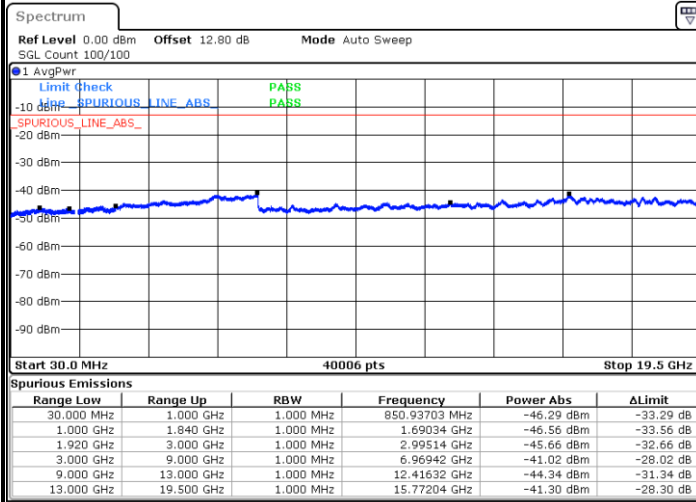


Date: 23.FEB.2020 10:56:23



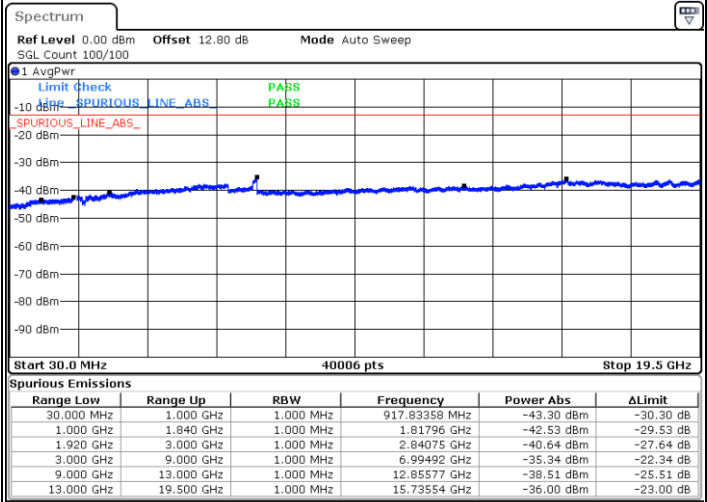
FR1 n2 / 10MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



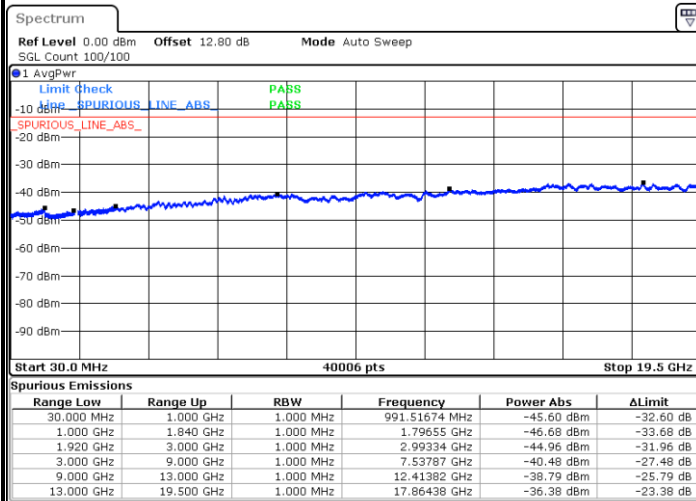
Date: 21.FEB.2020 07:10:12

Middle Channel / 1RB1



Date: 26.FEB.2020 17:46:49

Highest Channel / 1RB1

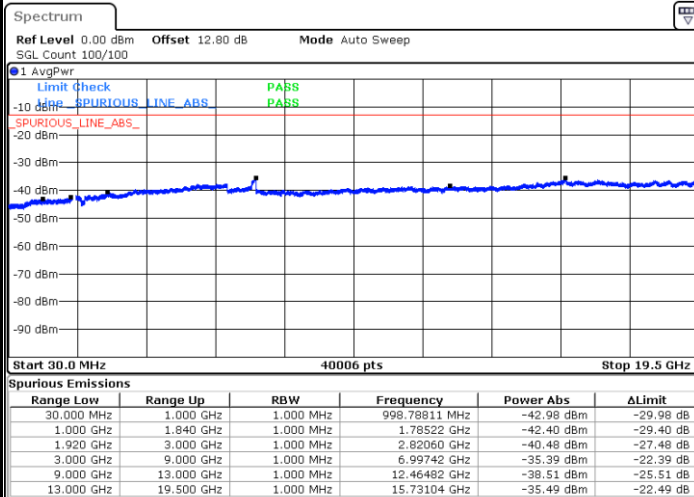


Date: 23 FEB 2020 10:57:27



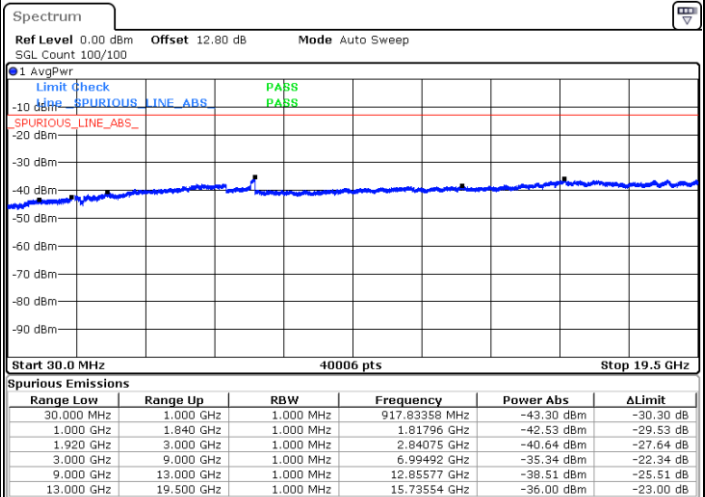
FR1 n2 / 10MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



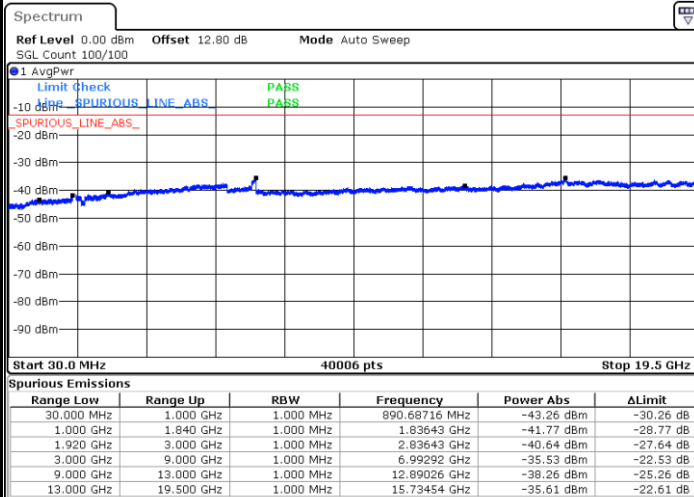
Date: 26.FEB.2020 17:47:56

Middle Channel / 1RB1



Date: 26.FEB.2020 17:46:49

Highest Channel / 1RB1

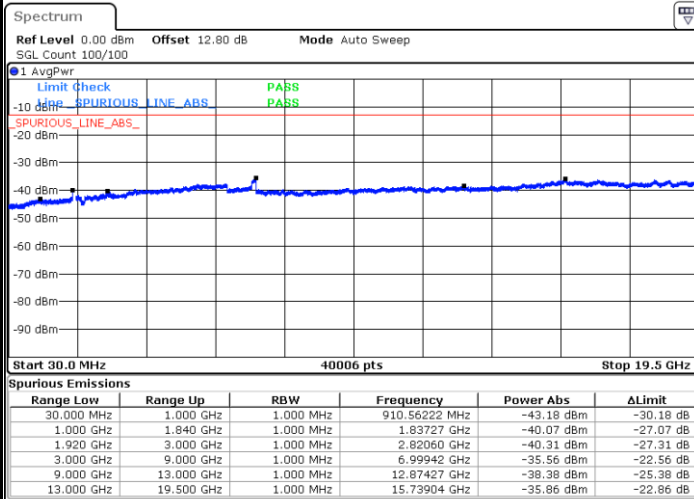


Date: 26.FEB.2020 17:45:15



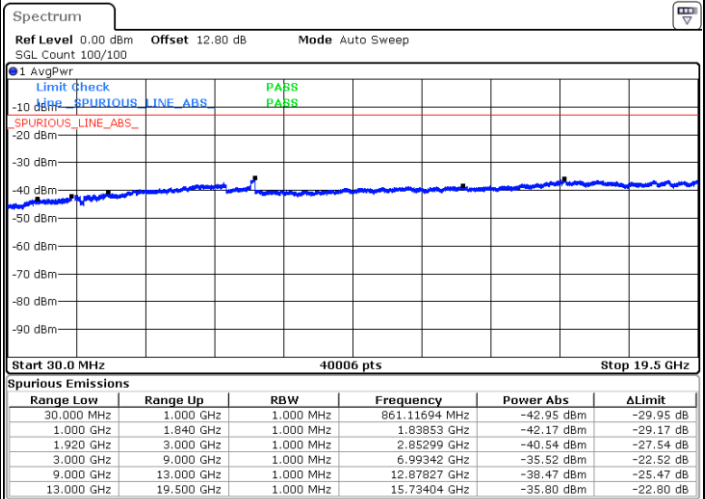
FR1 n2 / 15MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1



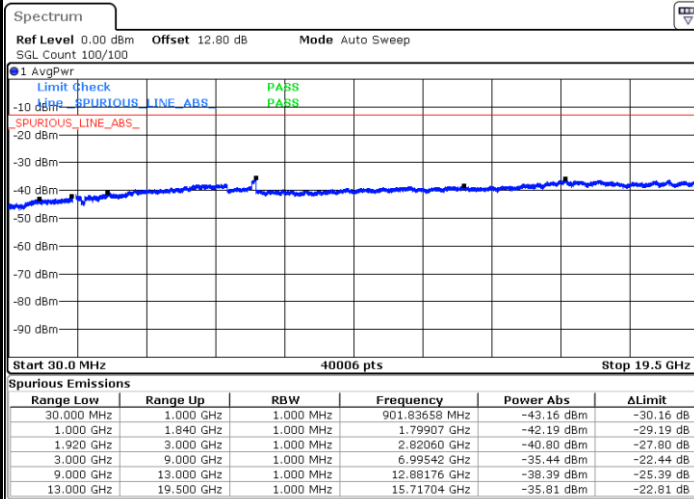
Date: 26.FEB.2020 14:19:39

Middle Channel / 1RB1



Date: 26.FEB.2020 16:05:33

Highest Channel / 1RB1

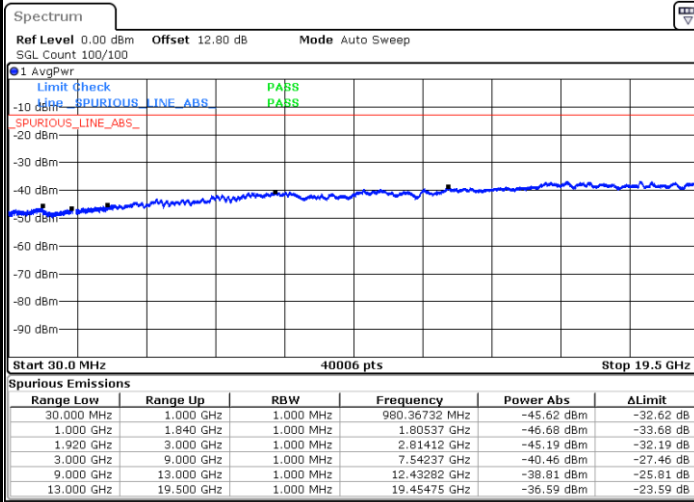


Date: 26.FEB.2020 16:00:49



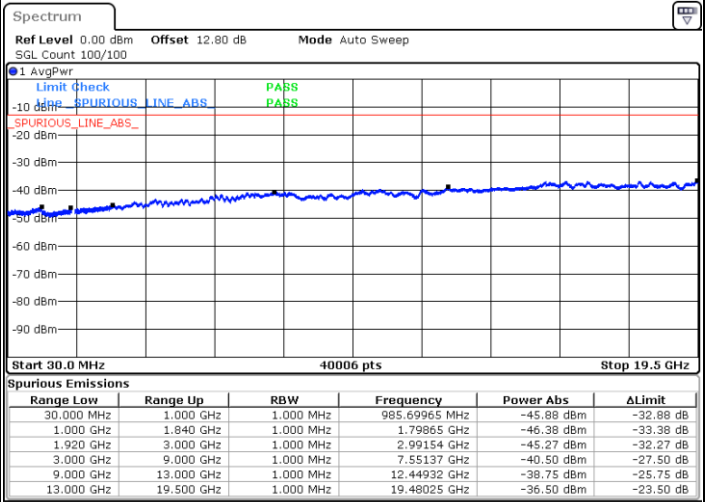
FR1 n2 / 15MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



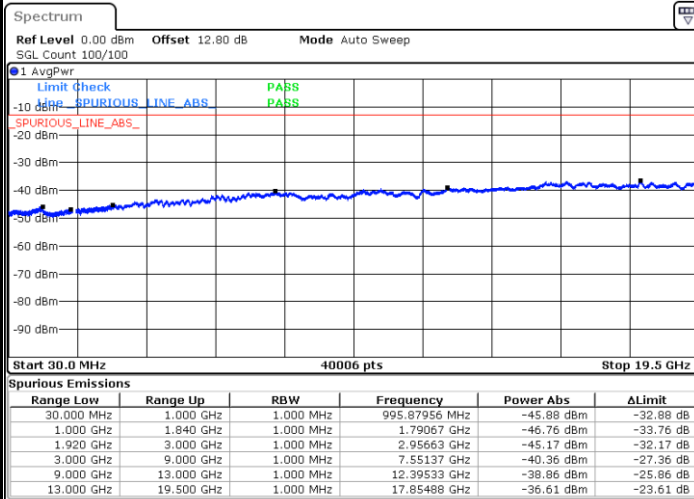
Date: 23 FEB 2020 06:44:09

Middle Channel / 1RB1



Date: 23 FEB 2020 06:57:58

Highest Channel / 1RB1

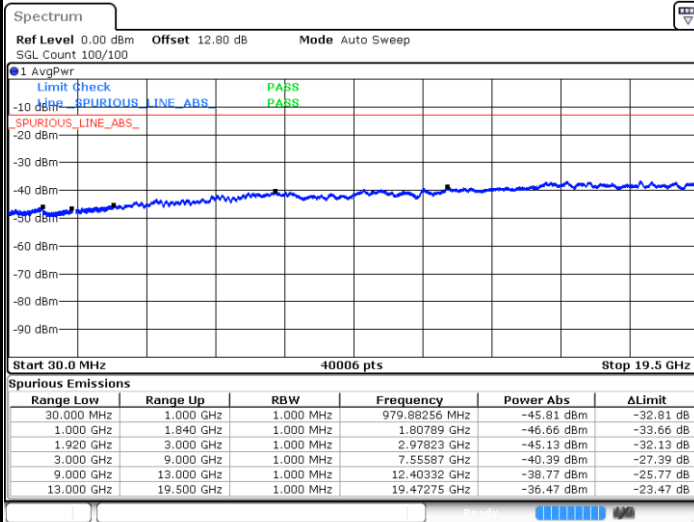


Date: 23 FEB 2020 07:19:55



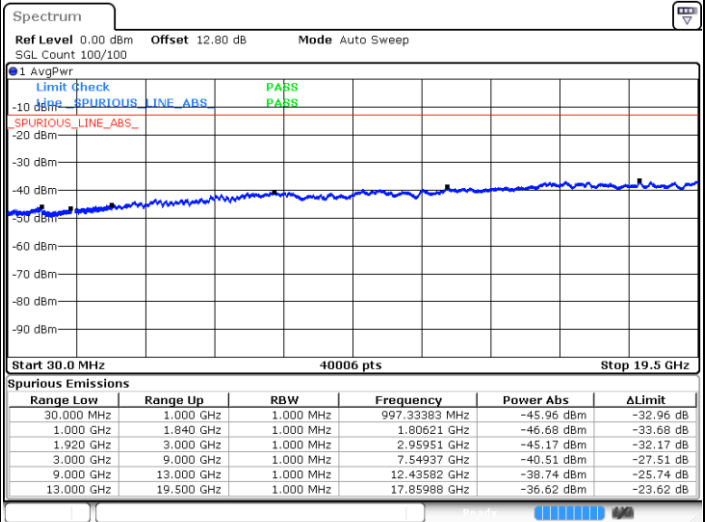
FR1 n2 / 15MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



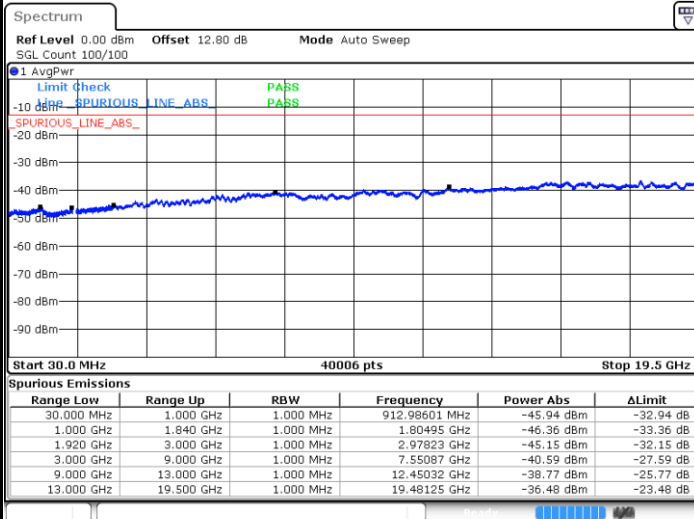
Date: 23 FEB 2020 06:47:22

Middle Channel / 1RB1



Date: 23 FEB 2020 06:58:41

Highest Channel / 1RB1

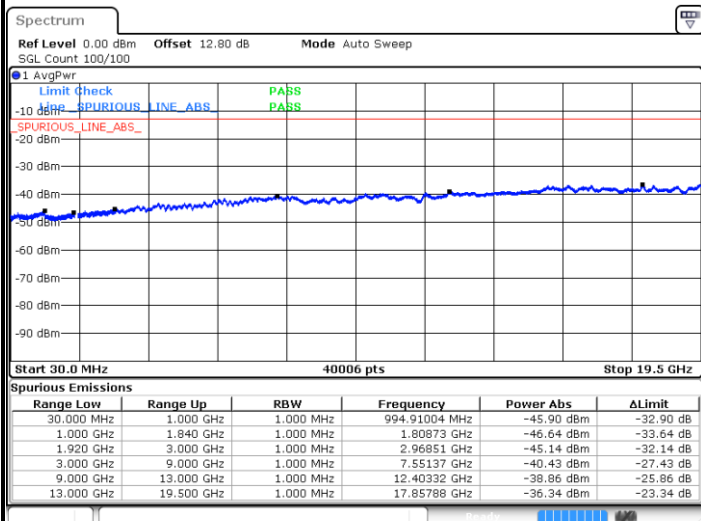


Date: 23 FEB 2020 07:20:40



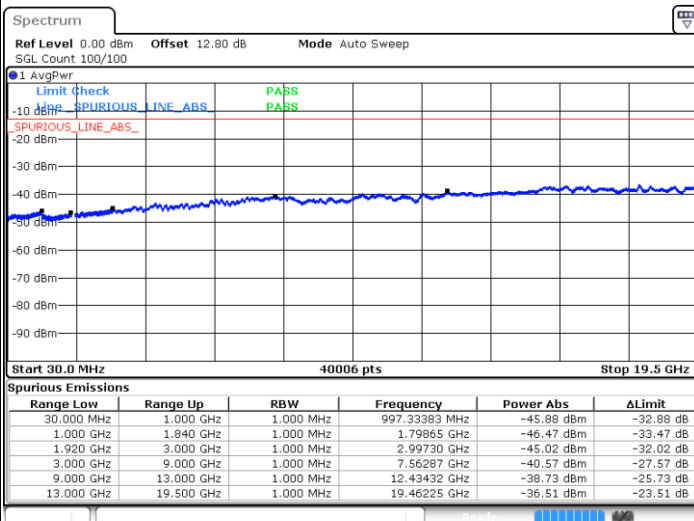
FR1 n2 / 15MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



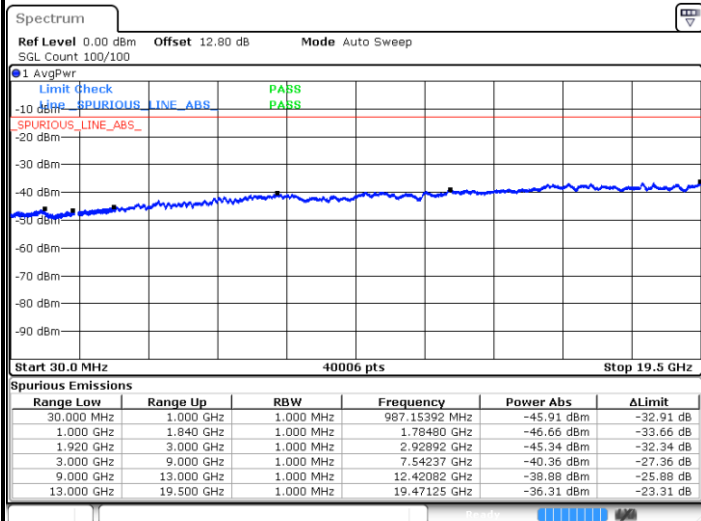
Date: 23 FEB 2020 06:48:58

Middle Channel / 1RB1



Date: 23 FEB 2020 06:59:42

Highest Channel / 1RB1

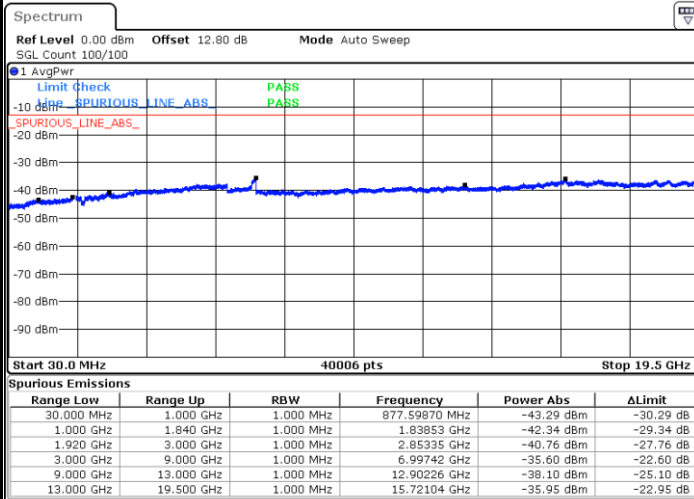


Date: 23 FEB 2020 07:21:23



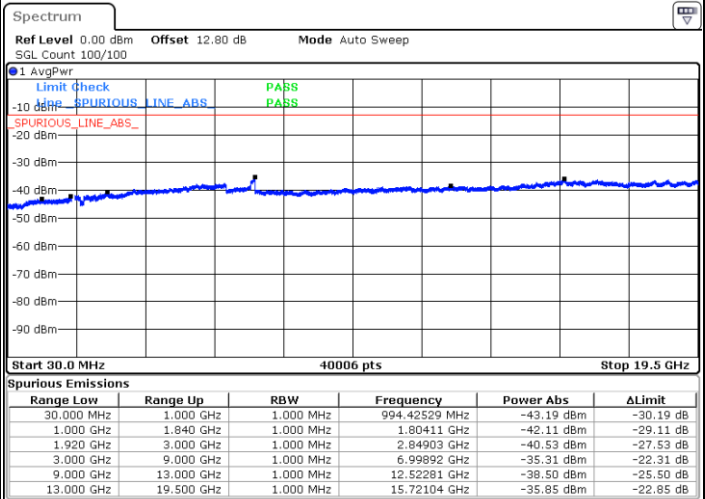
FR1 n2 / 15MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



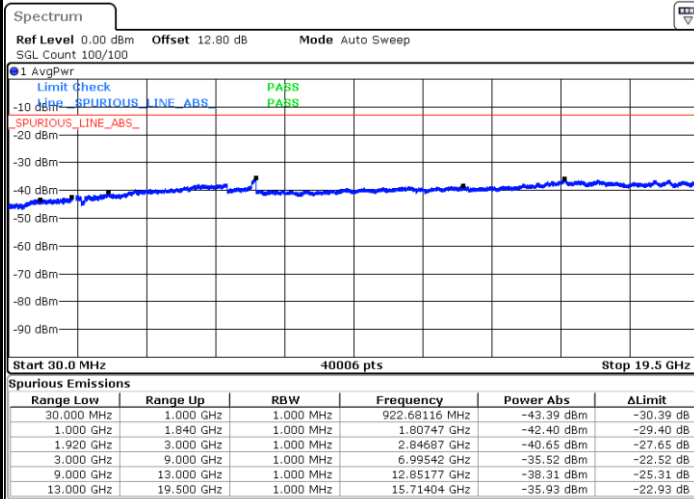
Date: 26.FEB.2020 15:47:14

Middle Channel / 1RB1



Date: 26.FEB.2020 16:07:22

Highest Channel / 1RB1



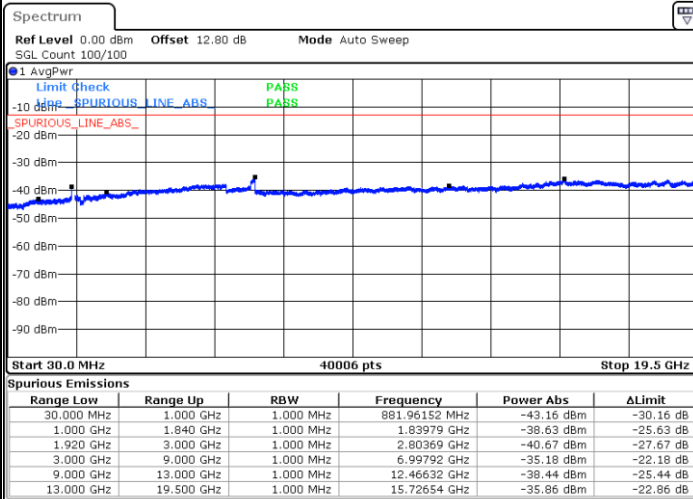
Date: 26.FEB.2020 15:59:26



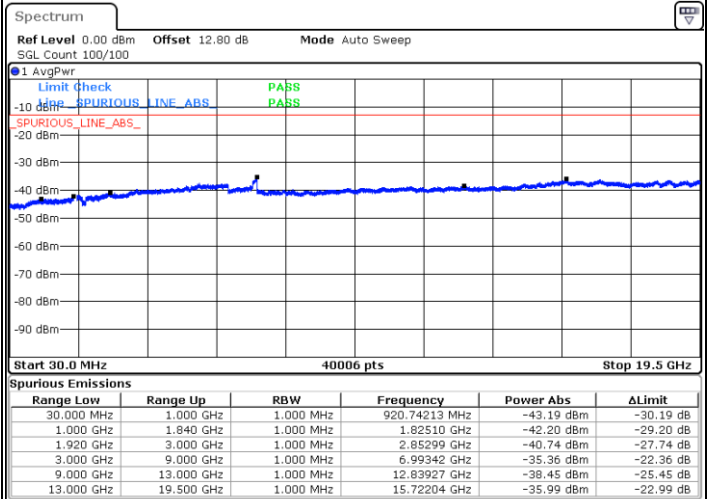
FR1 n2 / 20MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

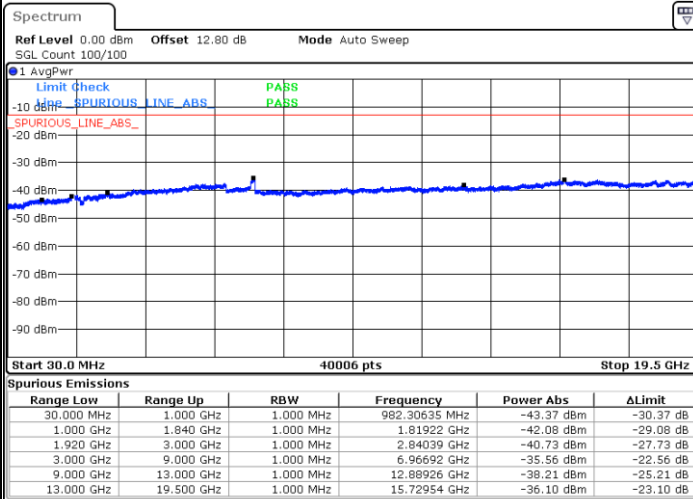


Date: 26.FEB.2020 18:43:01



Date: 26.FEB.2020 18:33:50

Highest Channel / 1RB1

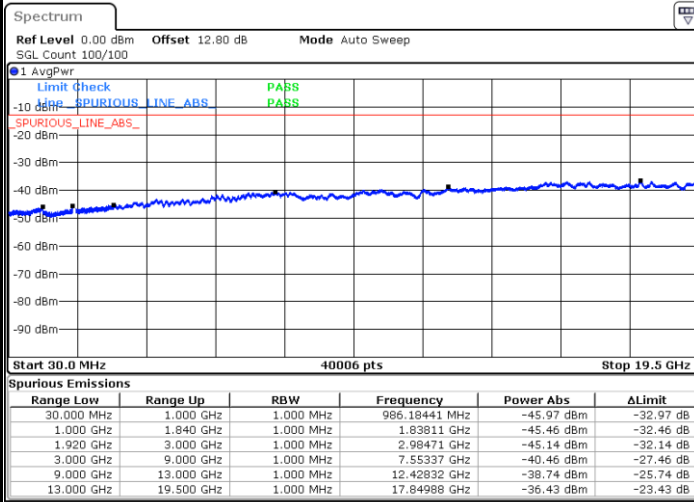


Date: 26.FEB.2020 19:02:42



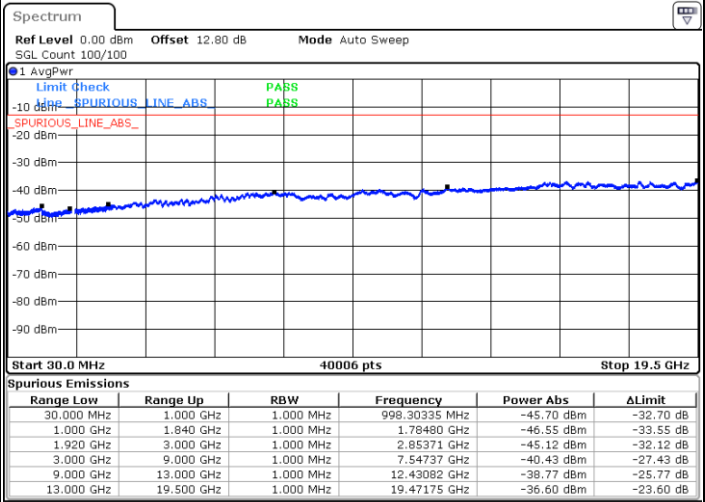
FR1 n2 / 20MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



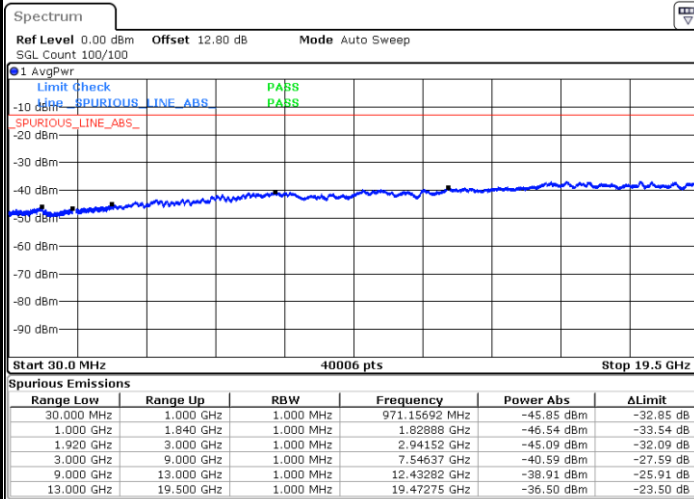
Date: 23 FEB 2020 07:41:31

Middle Channel / 1RB1



Date: 23 FEB 2020 08:06:29

Highest Channel / 1RB1

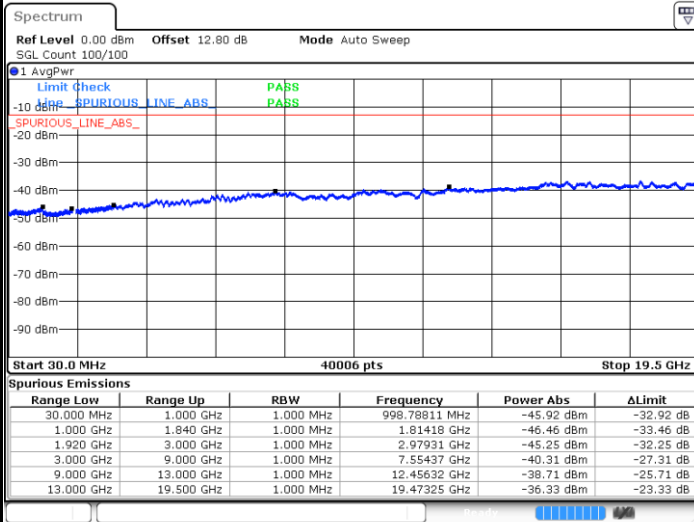


Date: 23 FEB 2020 08:26:23



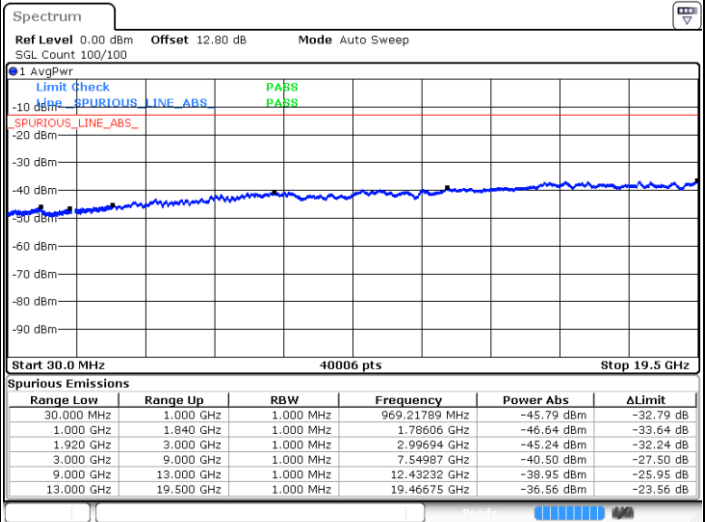
FR1 n2 / 20MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



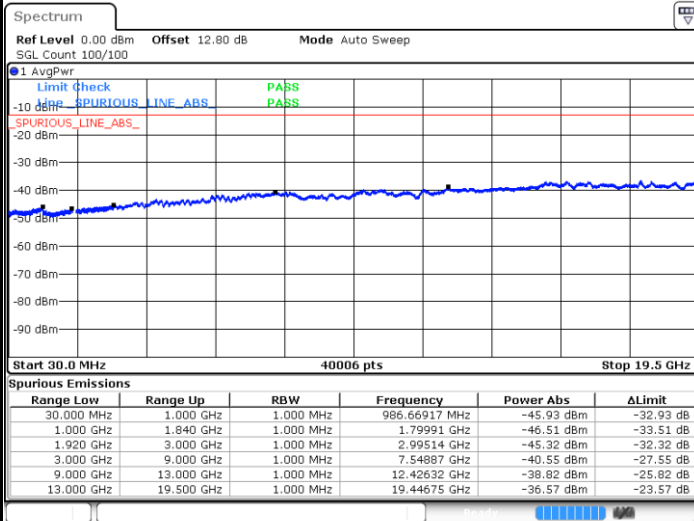
Date: 23 FEB 2020 07:42:19

Middle Channel / 1RB1



Date: 23 FEB 2020 08:07:09

Highest Channel / 1RB1

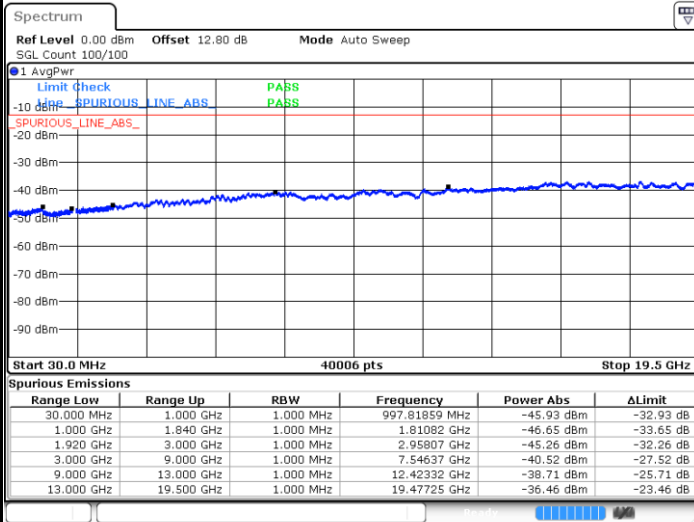


Date: 23 FEB 2020 08:28:18



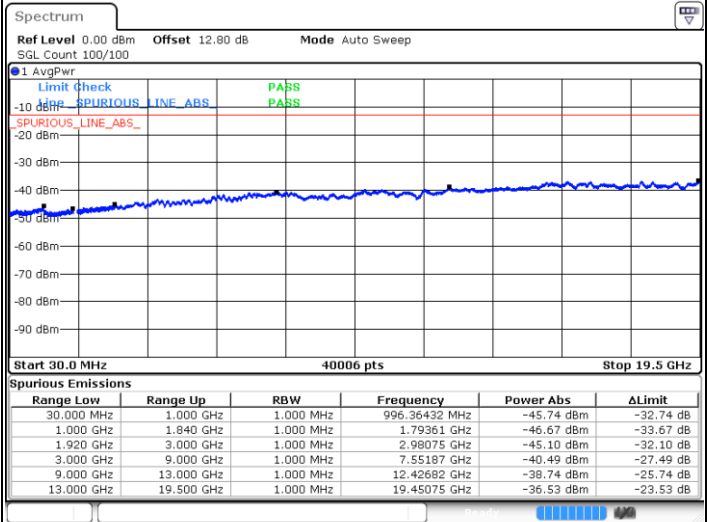
FR1 n2 / 20MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



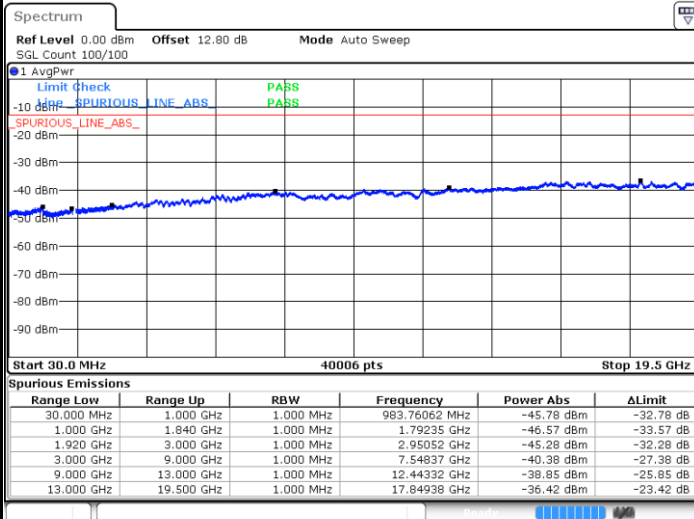
Date: 23 FEB 2020 07:49:07

Middle Channel / 1RB1



Date: 23 FEB 2020 08:07:52

Highest Channel / 1RB1



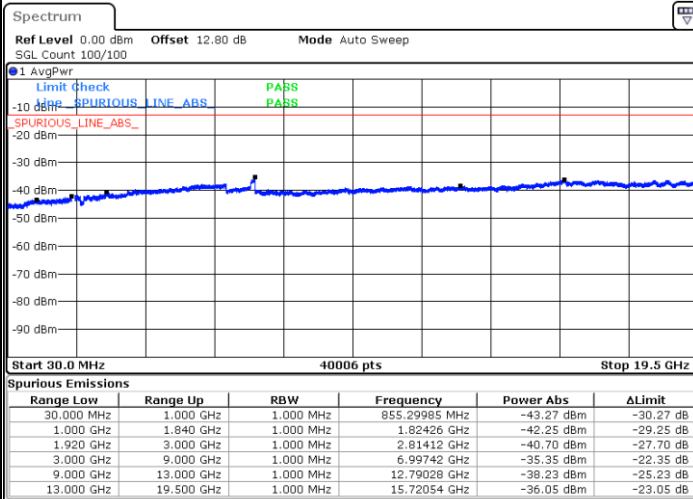
Date: 23 FEB 2020 08:28:59



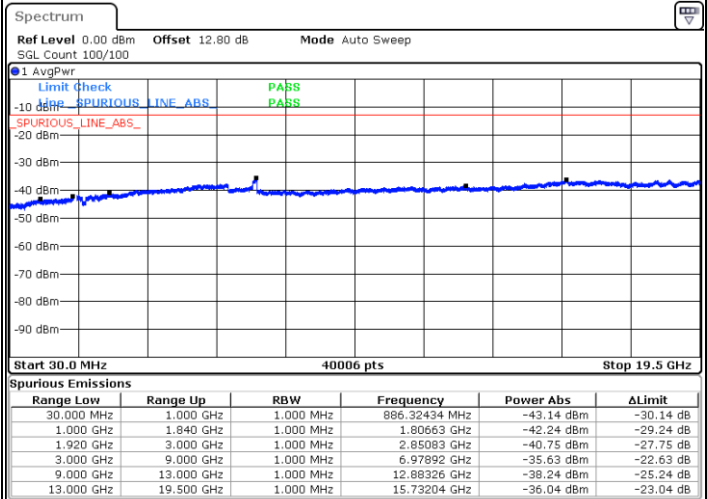
FR1 n2 / 20MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

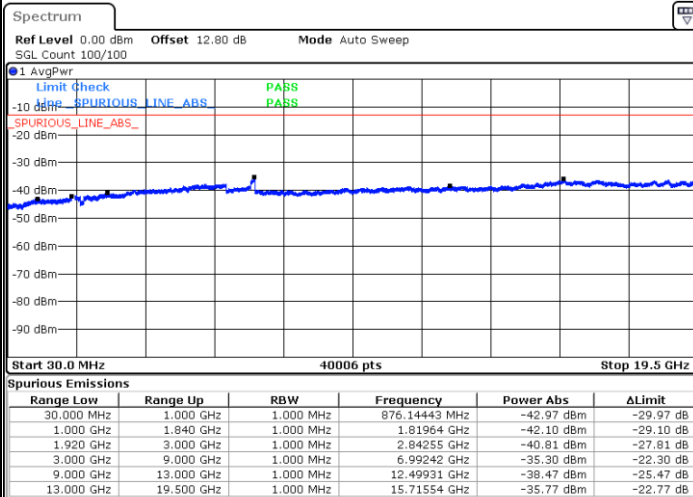


Date: 26.FEB.2020 18:52:28



Date: 26.FEB.2020 18:53:23

Highest Channel / 1RB1



Date: 26.FEB.2020 18:51:26

Frequency Stability

Test Conditions		FR1 n2 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0061	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0073	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



<For Lower Antenna>

FR1 n5_Ant. 1

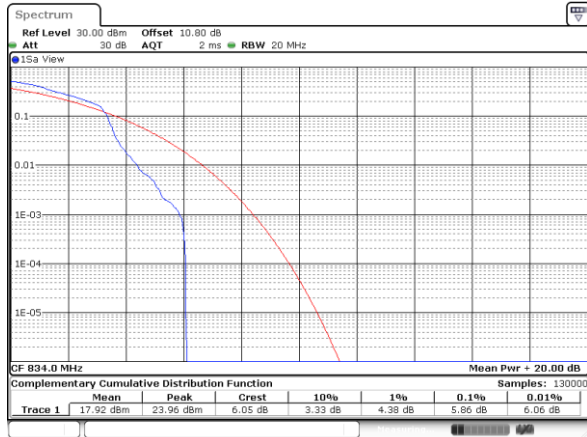
Peak-to-Average Ratio

Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK		QPSK		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.86	5.86	5.86	5.86	PASS
Middle CH	5.91	5.86	6.06	5.88	
Highest CH	6.17	6.06	6.09	6.00	
Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	16QAM		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	7.36	6.93	7.80	7.19	PASS
Middle CH	7.51	6.96	7.97	7.19	
Highest CH	7.77	6.90	8.17	7.25	
Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	256QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	7.30	7.30	-	-	PASS
Middle CH	7.45	7.33	-	-	
Highest CH	7.65	7.33	-	-	

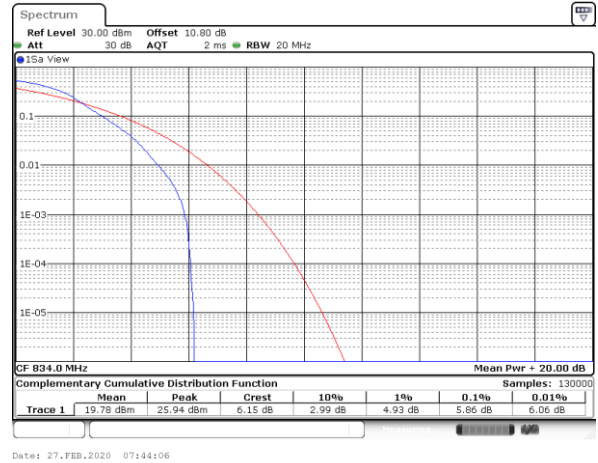


FR1 n5 / 20MHz / PI/2 BPSK / DFT-S OFDM

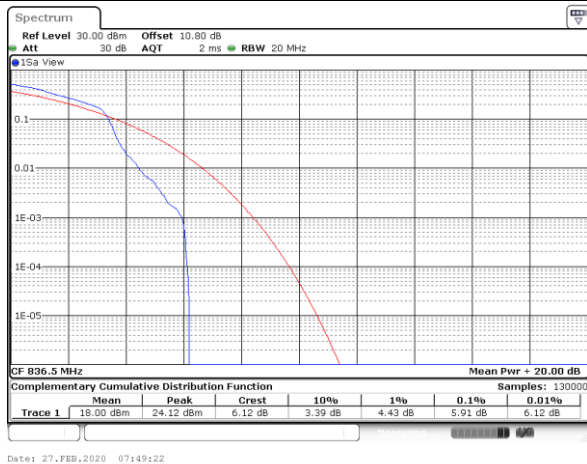
Lowest Channel / 1RB



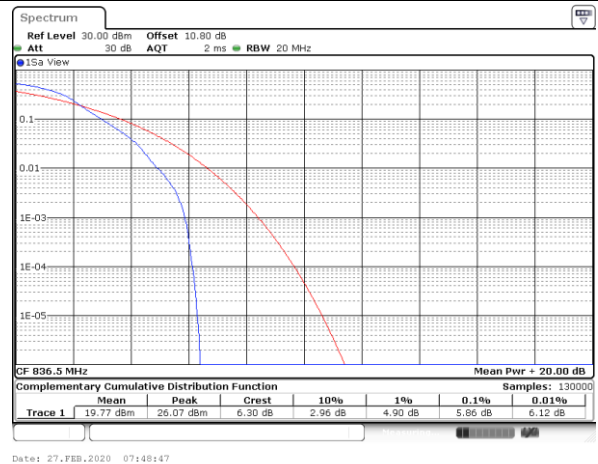
Lowest Channel / Full RB



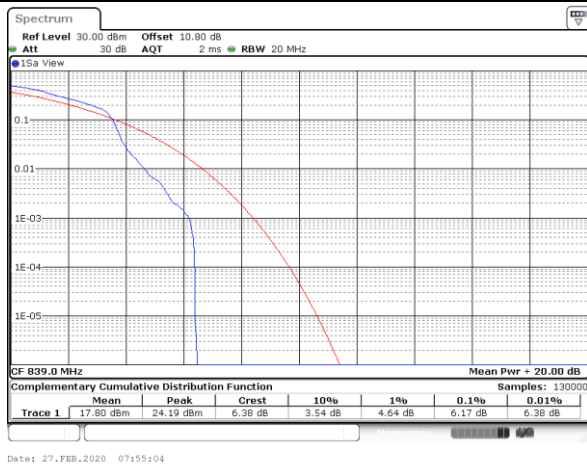
Middle Channel / 1RB



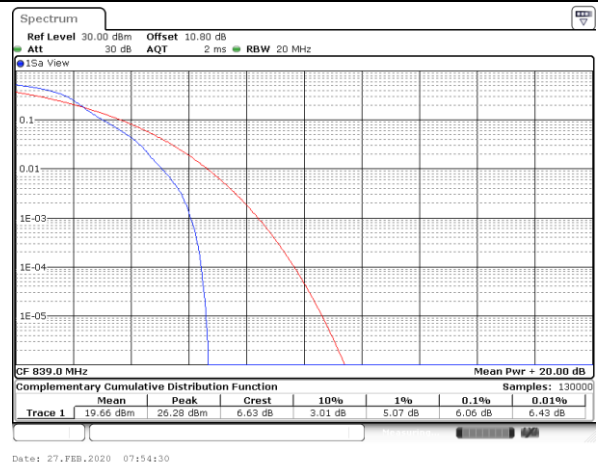
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



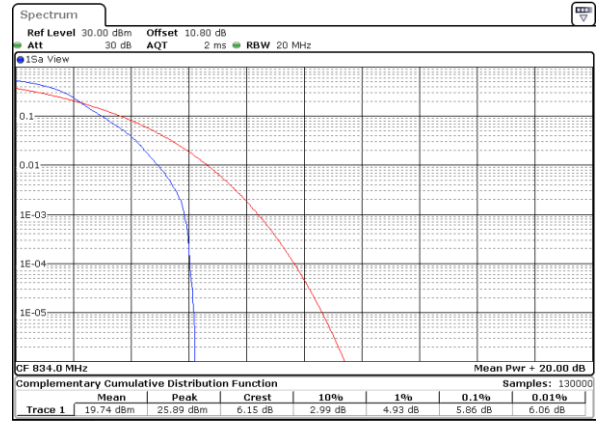


FR1 n5 / 20MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB



Lowest Channel / Full RB



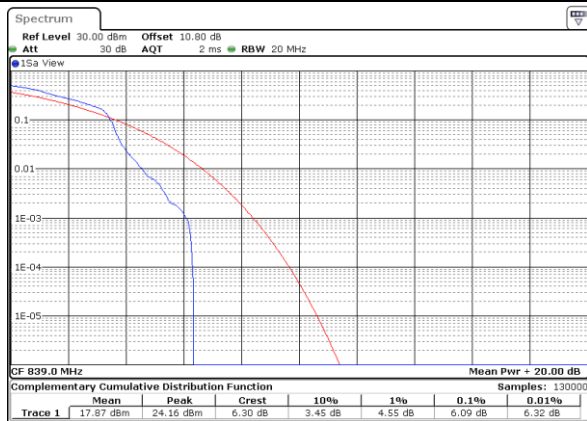
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



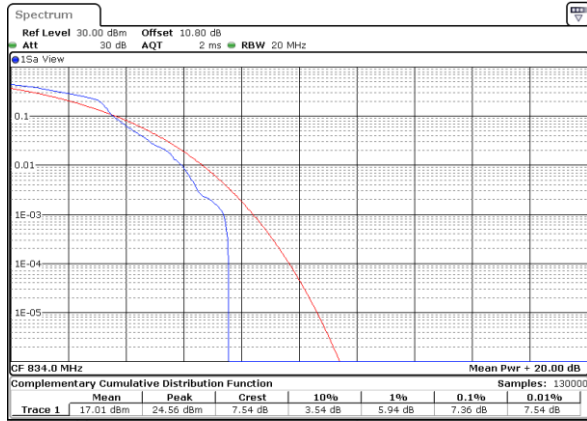
Highest Channel / Full RB



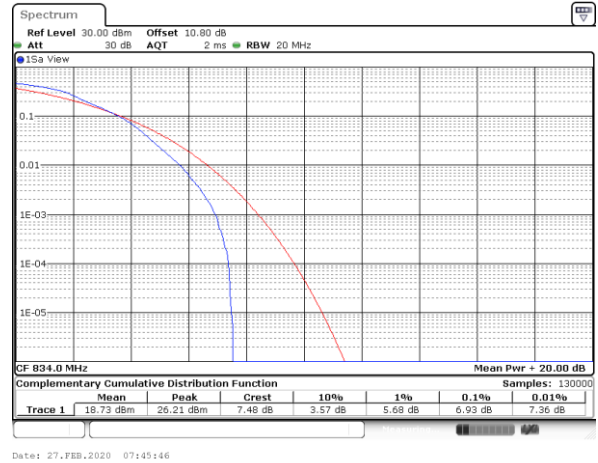


FR1 n5 / 20MHz / 16QAM / DFT-S OFDM

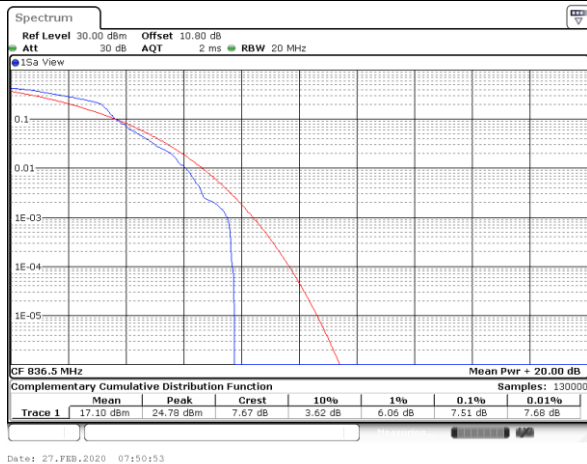
Lowest Channel / 1RB



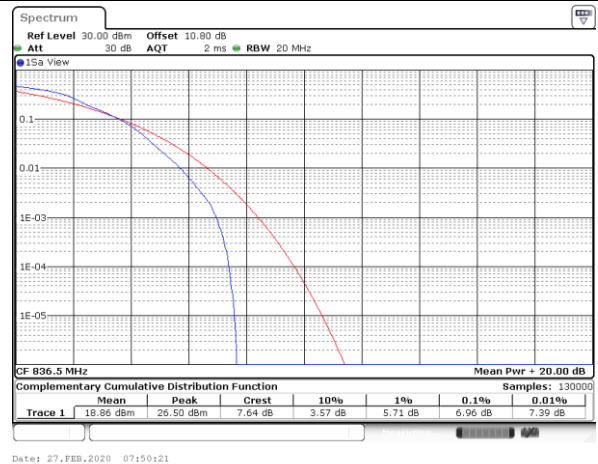
Lowest Channel / Full RB



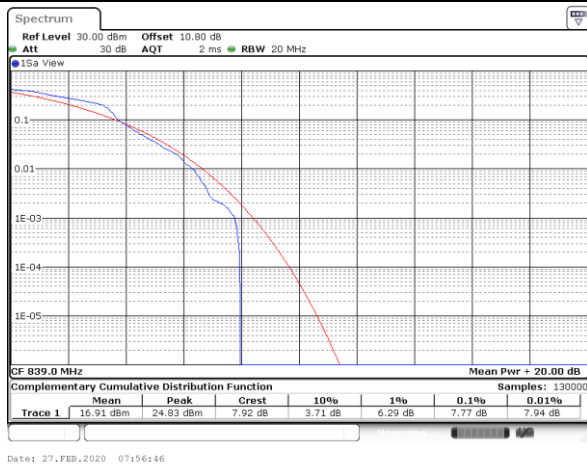
Middle Channel / 1RB



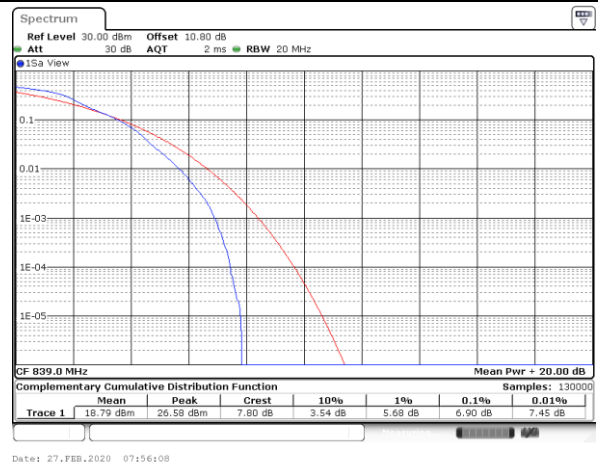
Middle Channel / Full RB



Highest Channel / 1RB



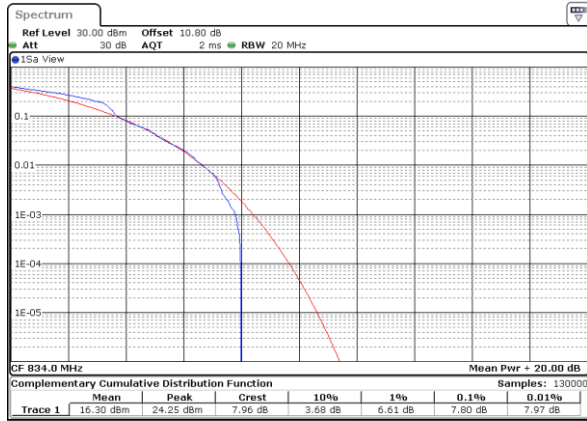
Highest Channel / Full RB



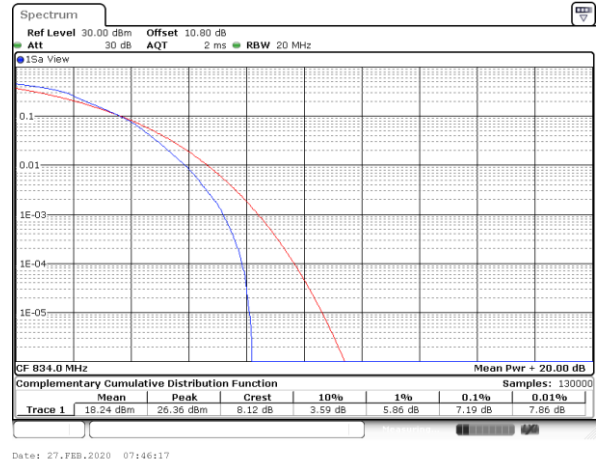


FR1 n5 / 20MHz / 64QAM / DFT-S OFDM

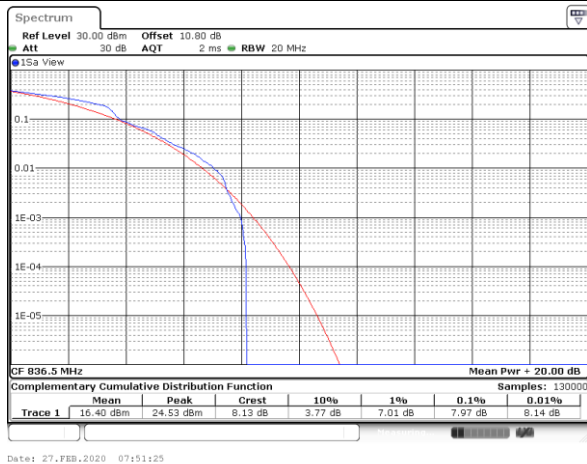
Lowest Channel / 1RB



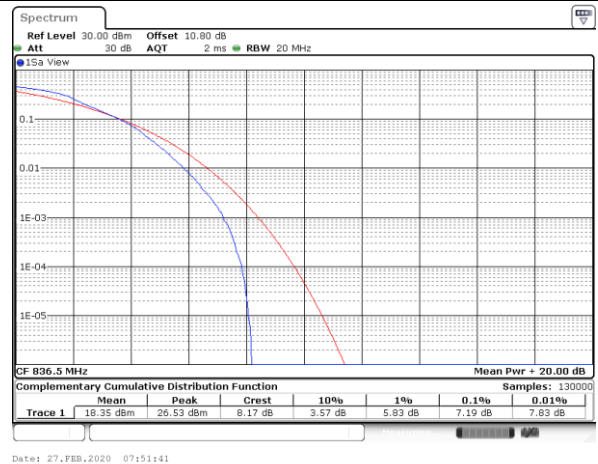
Lowest Channel / Full RB



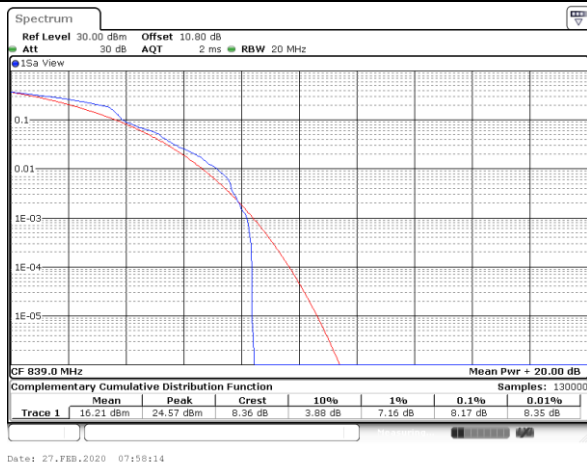
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

