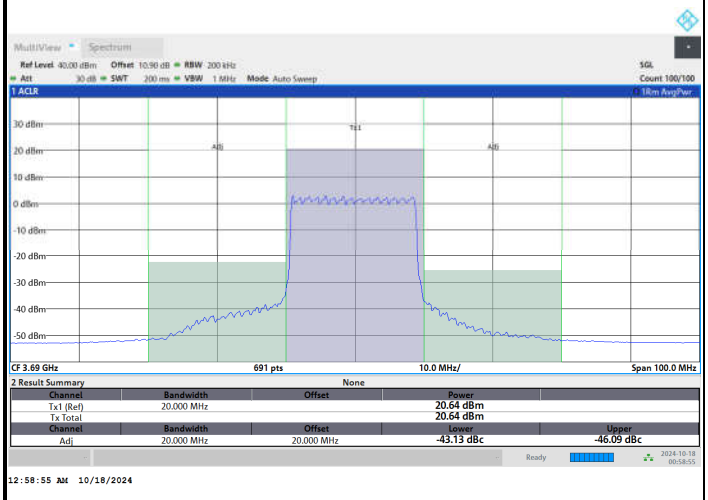
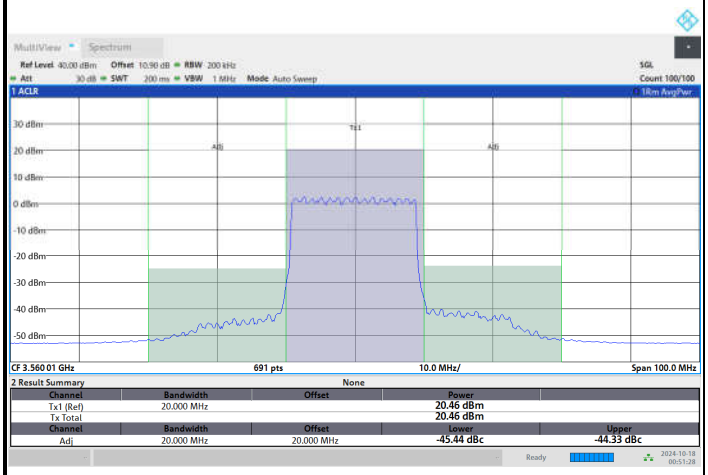
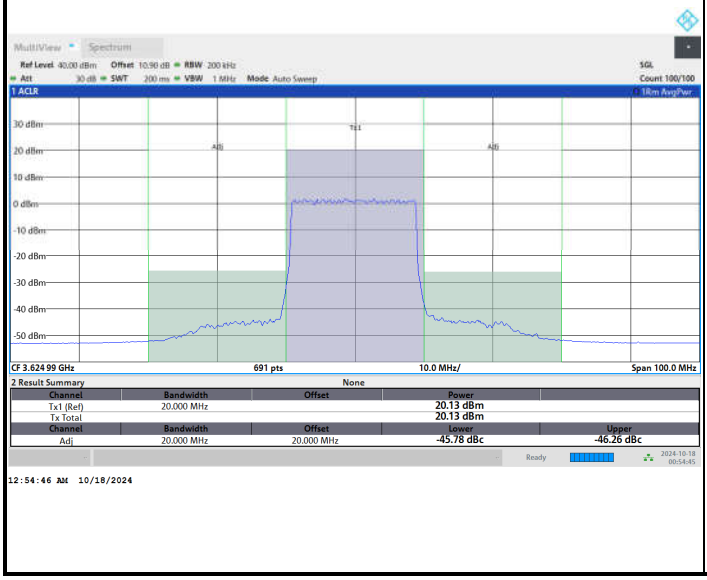
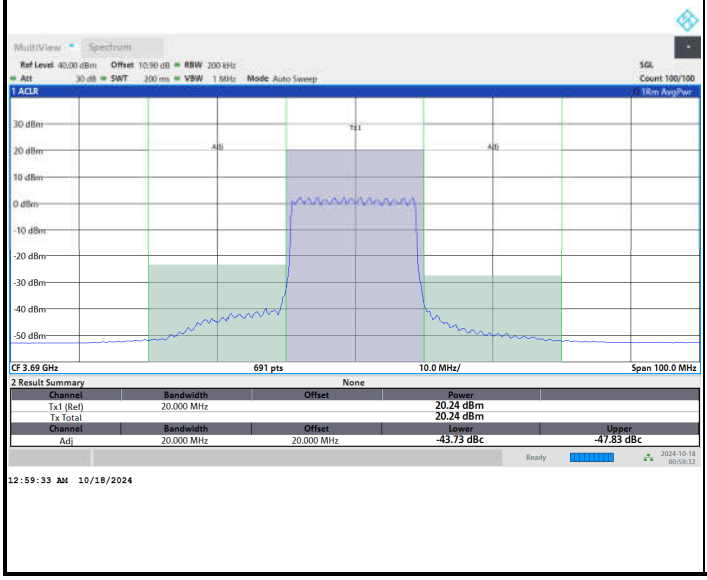
FR1 n48 / 20MHz / DFT-S OFDM / 16QAM	
Highest Channel	
Full RB	
	

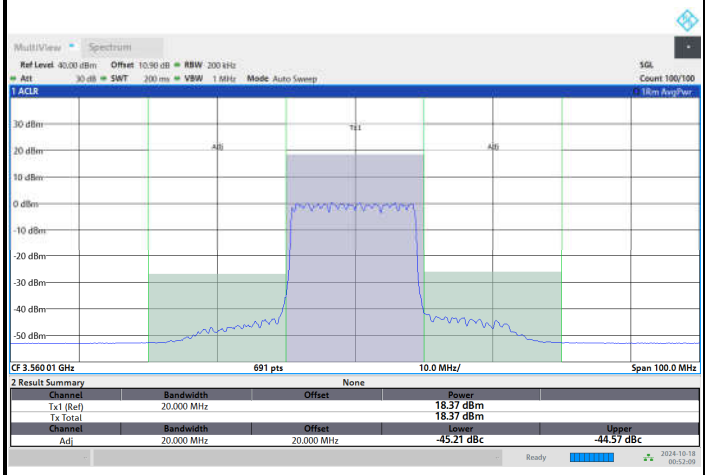
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM	
Lowest Channel	
Full RB	



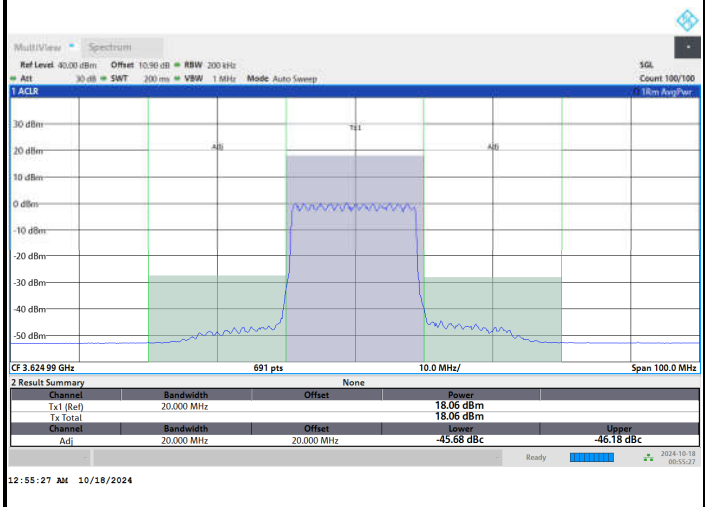
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM	
Middle Channel	
Full RB	
	

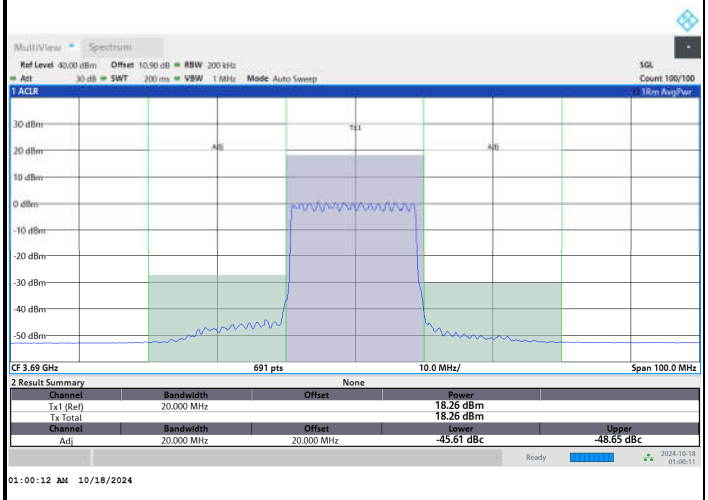
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM	
Highest Channel	
Full RB	
	

FR1 n48 / 20MHz / DFT-S OFDM / 256QAM	
Lowest Channel	
Full RB	

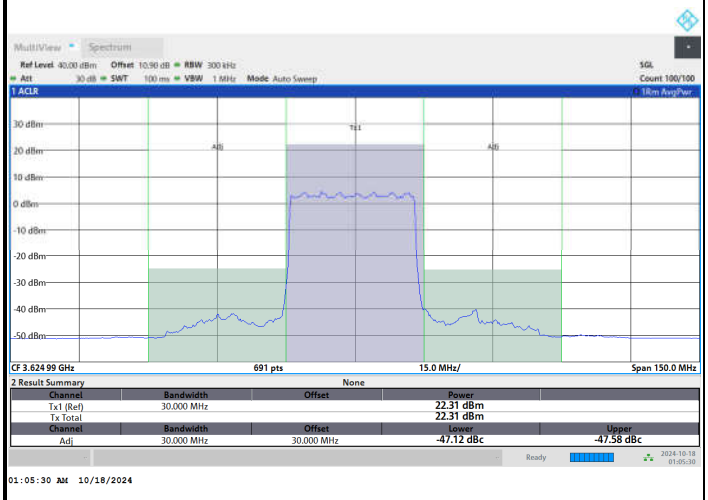


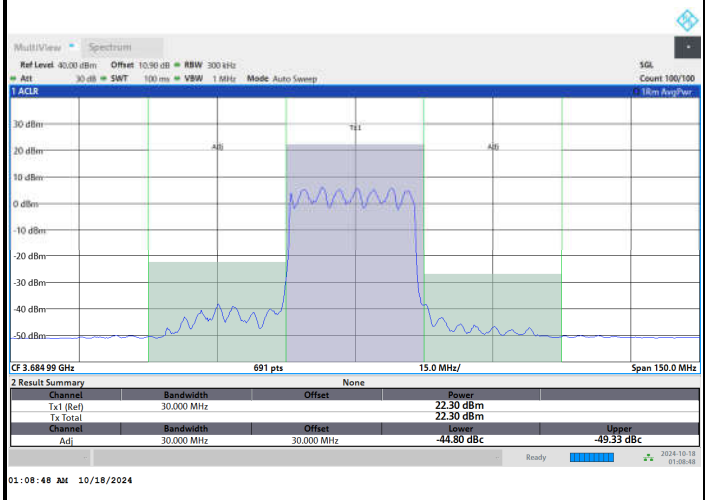
FR1 n48 / 20MHz / DFT-S OFDM / 256QAM	
Middle Channel	
Full RB	



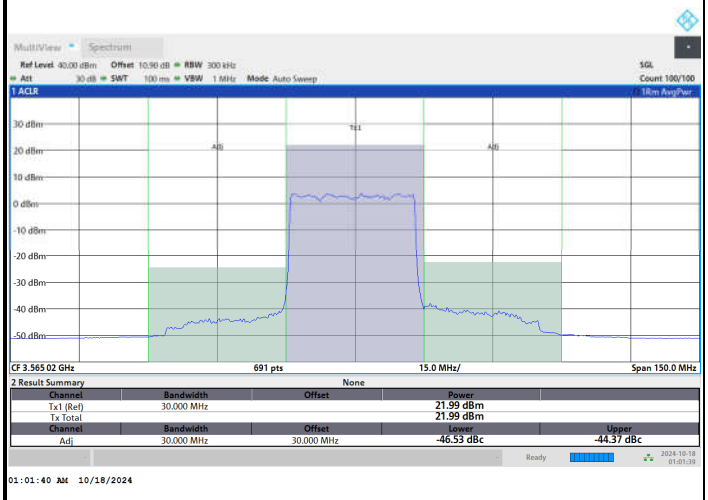
FR1 n48 / 20MHz / DFT-S OFDM / 256QAM	
Highest Channel	
Full RB	
	

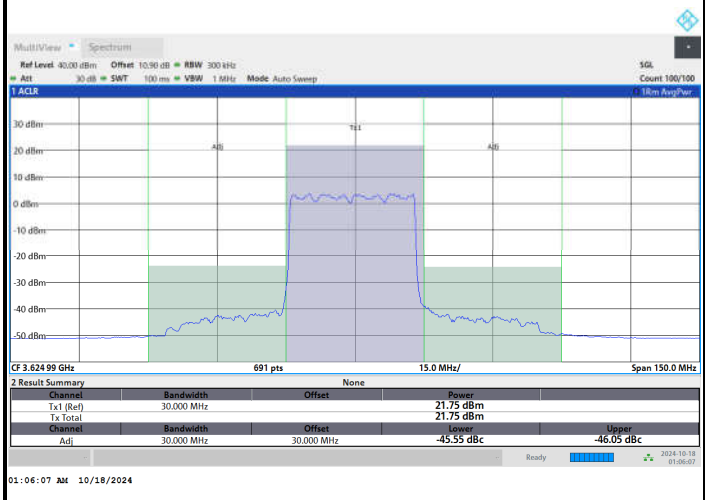
FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Channel	
Full RB	
	

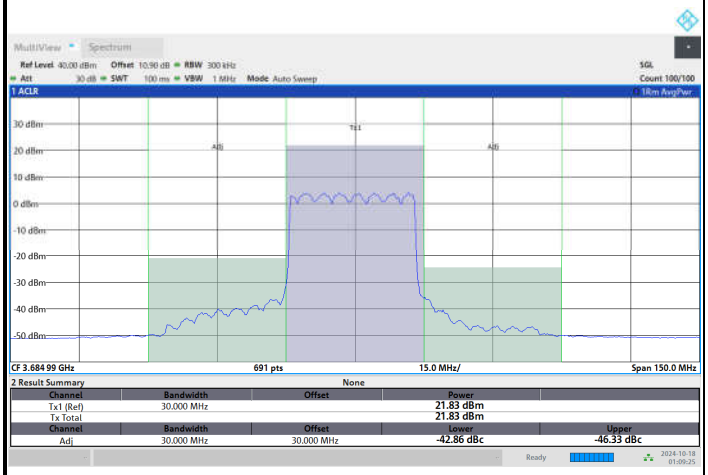
FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK	
Middle Channel	
Full RB	
	

FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK	
Highest Channel	
Full RB	
	

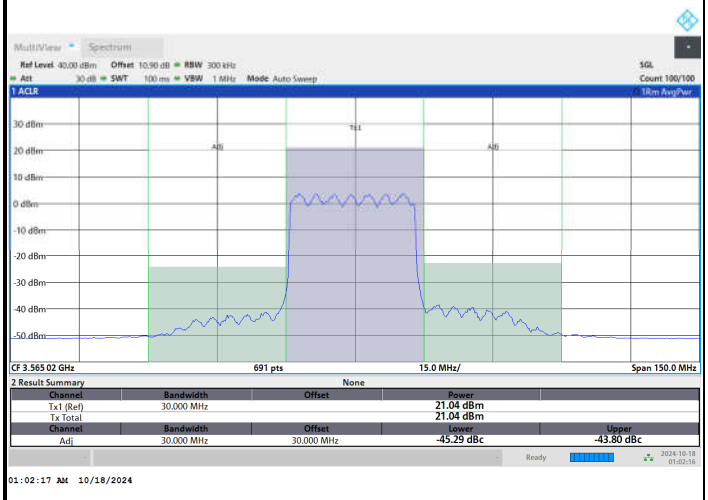
FR1 n48 / 30MHz / DFT-S OFDM / QPSK	
Lowest Channel	
Full RB	



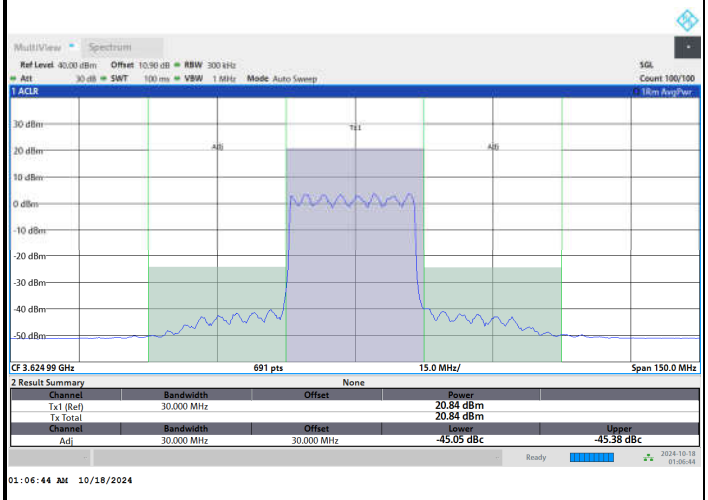
FR1 n48 / 30MHz / DFT-S OFDM / QPSK	
Middle Channel	
Full RB	
	

FR1 n48 / 30MHz / DFT-S OFDM / QPSK	
Highest Channel	
Full RB	
	

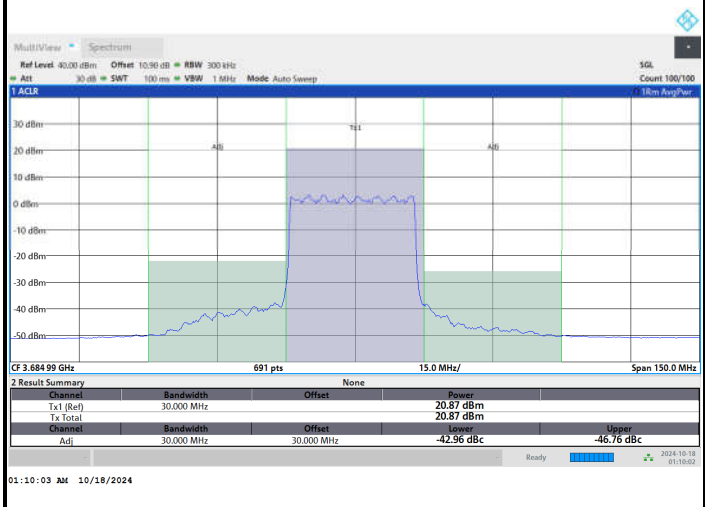
FR1 n48 / 30MHz / DFT-S OFDM / 16QAM	
Lowest Channel	
Full RB	



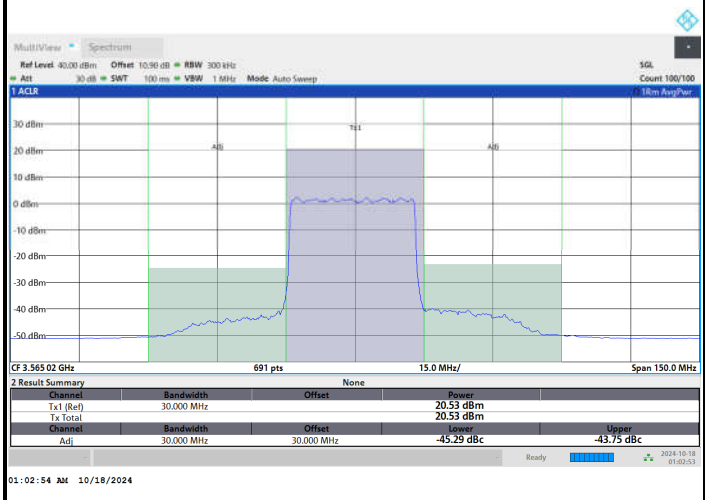
FR1 n48 / 30MHz / DFT-S OFDM / 16QAM	
Middle Channel	
Full RB	



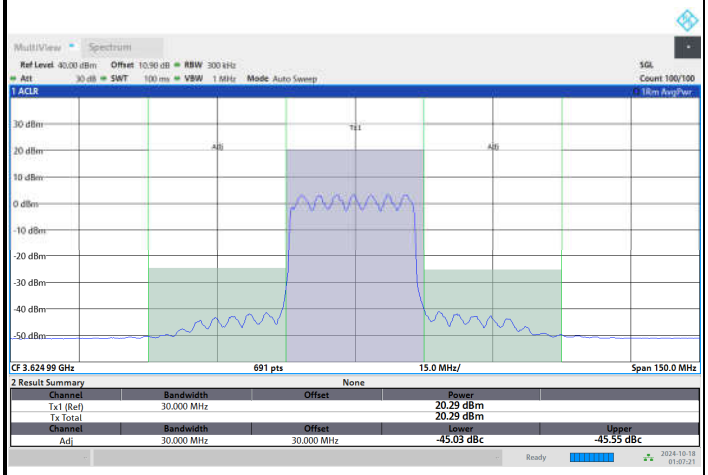
FR1 n48 / 30MHz / DFT-S OFDM / 16QAM	
Highest Channel	
Full RB	



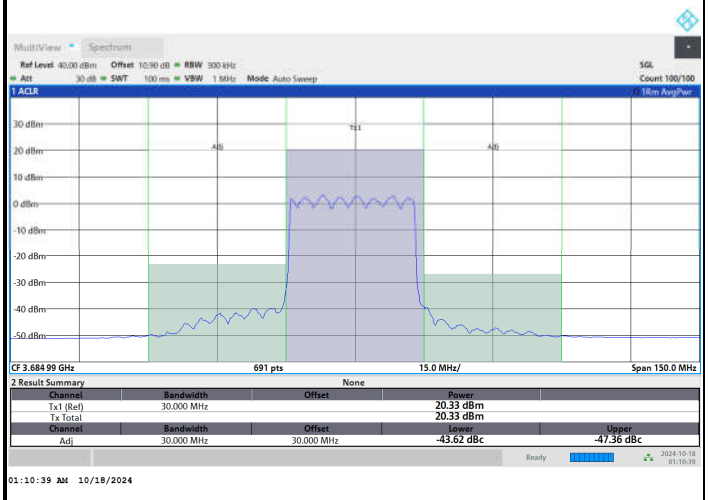
FR1 n48 / 30MHz / DFT-S OFDM / 64QAM	
Lowest Channel	
Full RB	

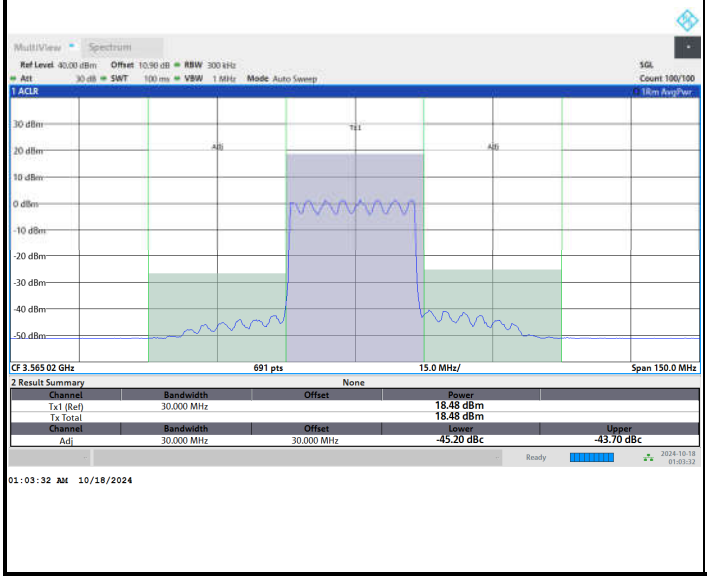


FR1 n48 / 30MHz / DFT-S OFDM / 64QAM	
Middle Channel	
Full RB	

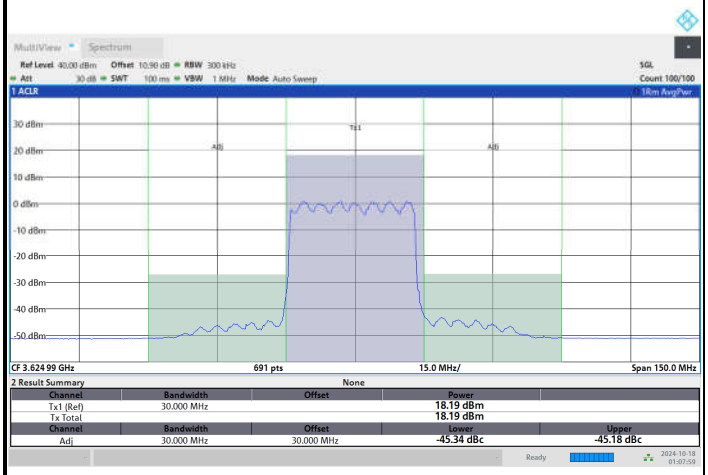


FR1 n48 / 30MHz / DFT-S OFDM / 64QAM	
Highest Channel	
Full RB	

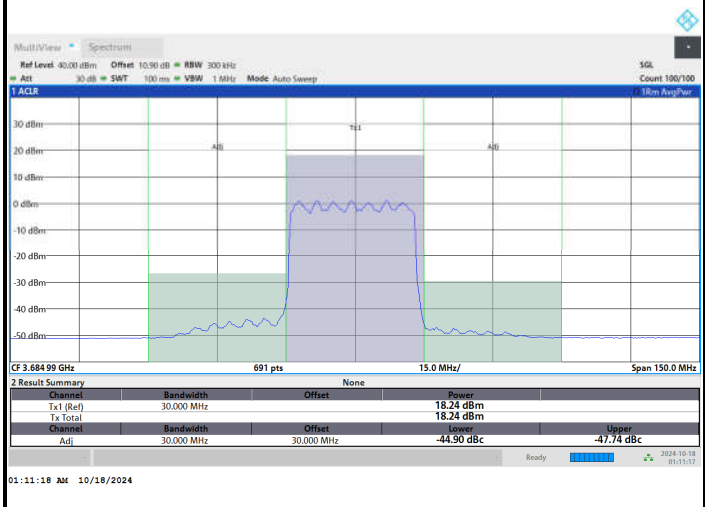


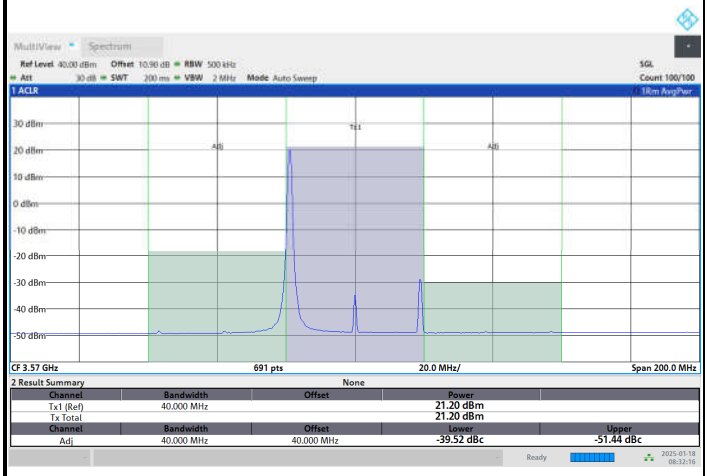
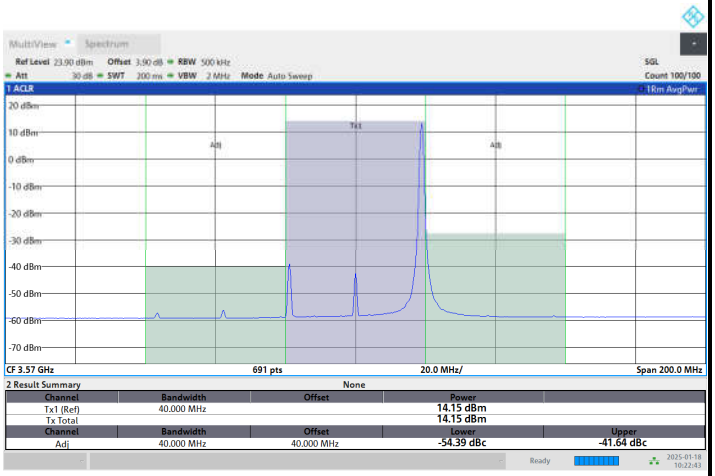
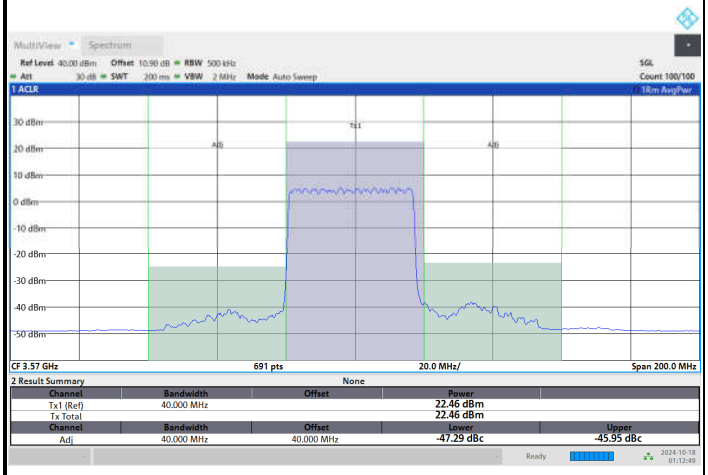
FR1 n48 / 30MHz / DFT-S OFDM / 256QAM	
Lowest Channel	
Full RB	
	

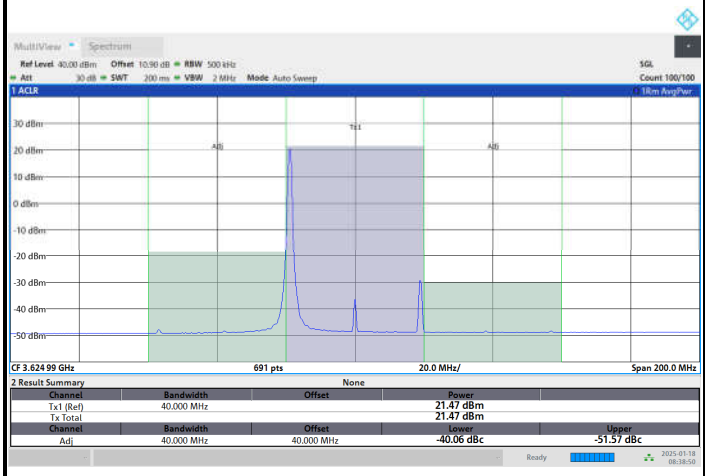
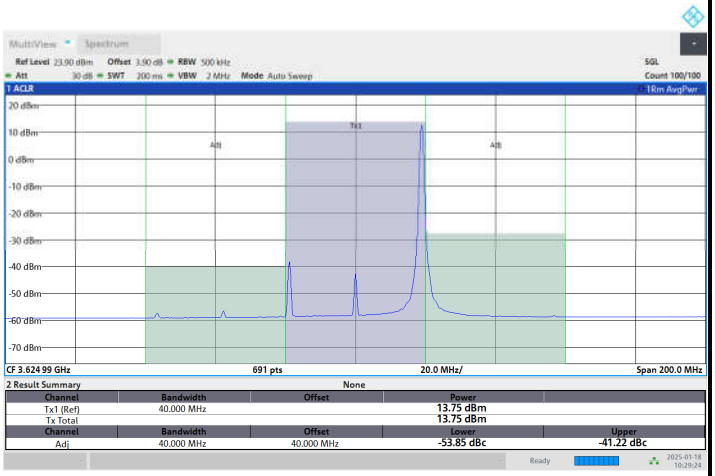
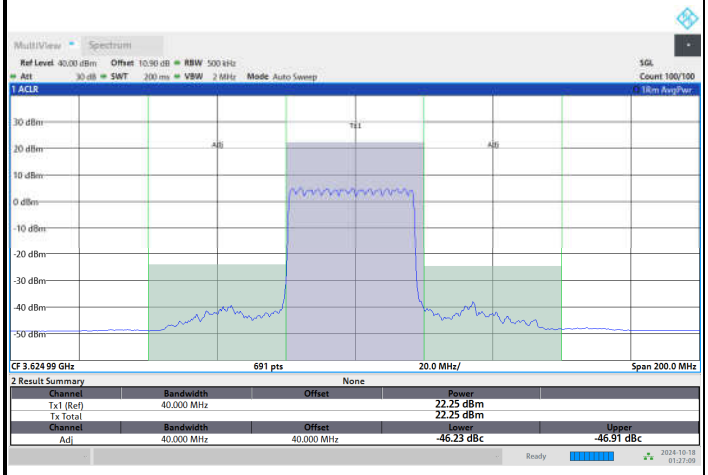
FR1 n48 / 30MHz / DFT-S OFDM / 256QAM	
Middle Channel	
Full RB	

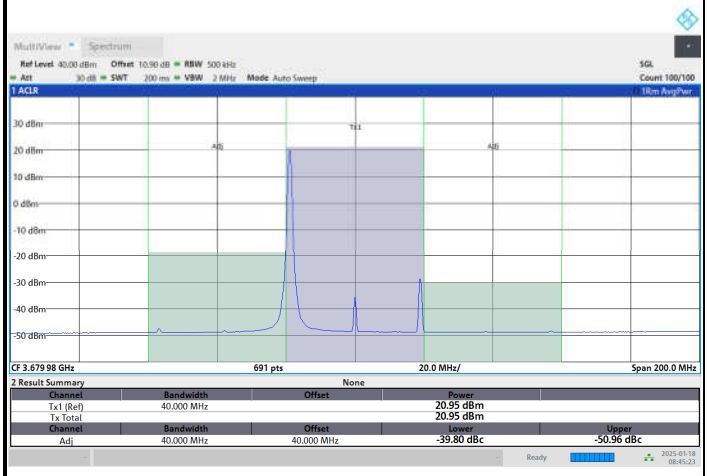
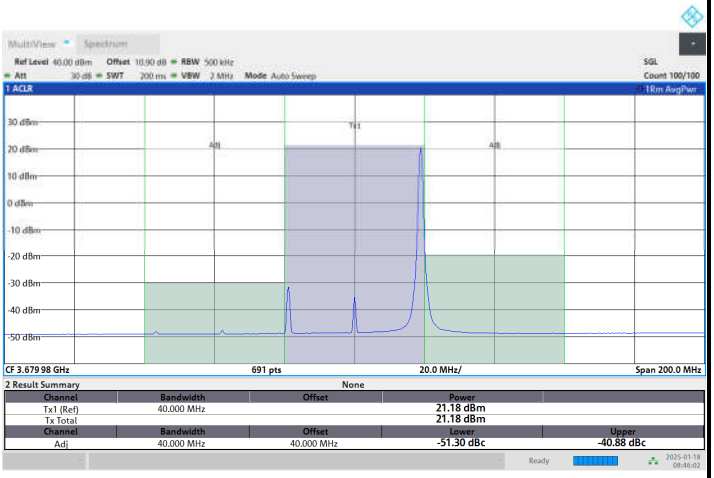


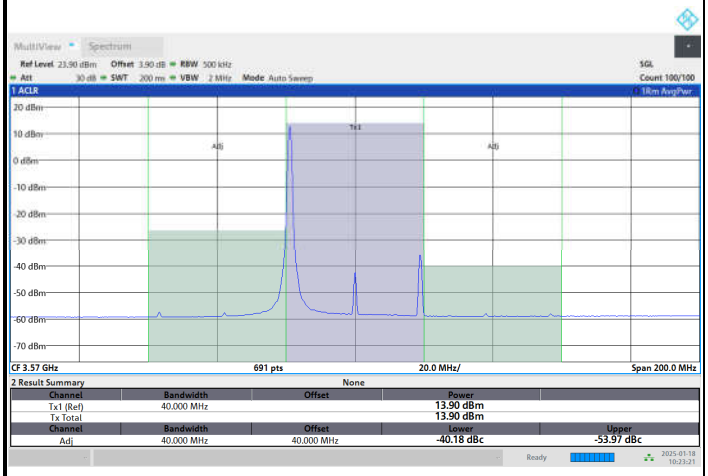
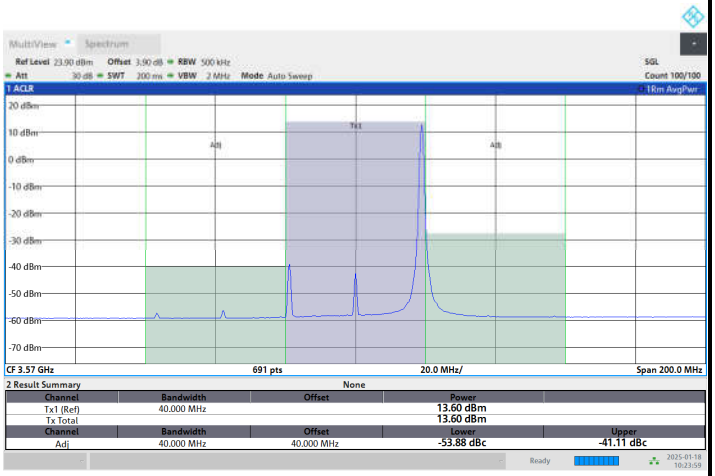
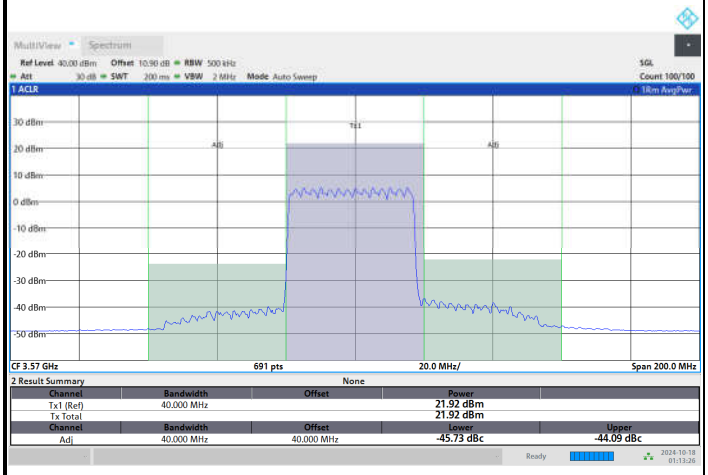
FR1 n48 / 30MHz / DFT-S OFDM / 256QAM	
Highest Channel	
Full RB	

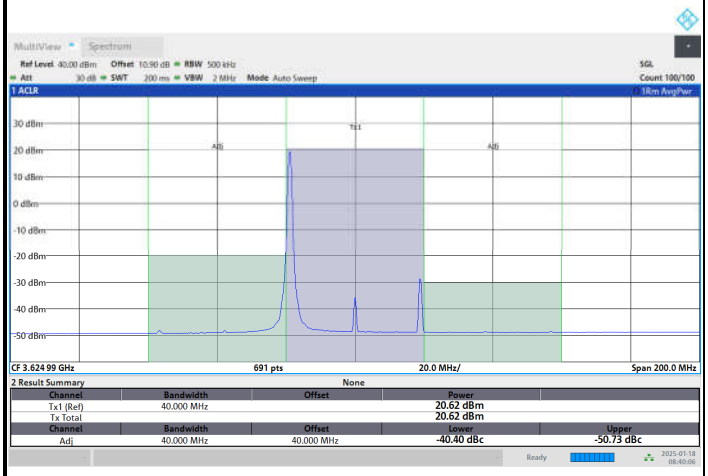
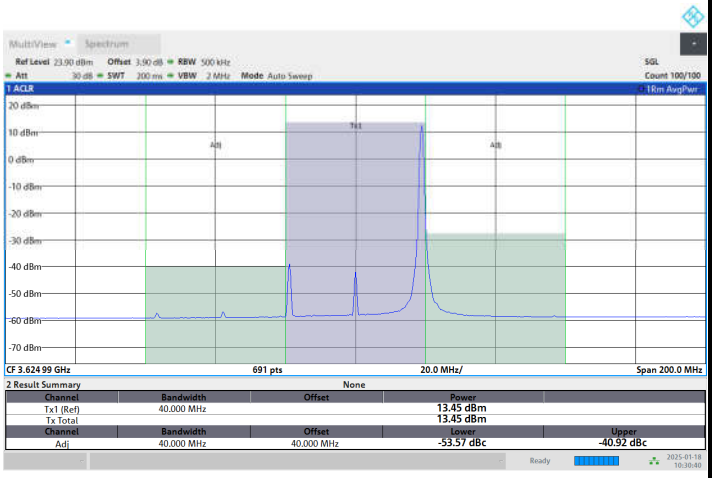
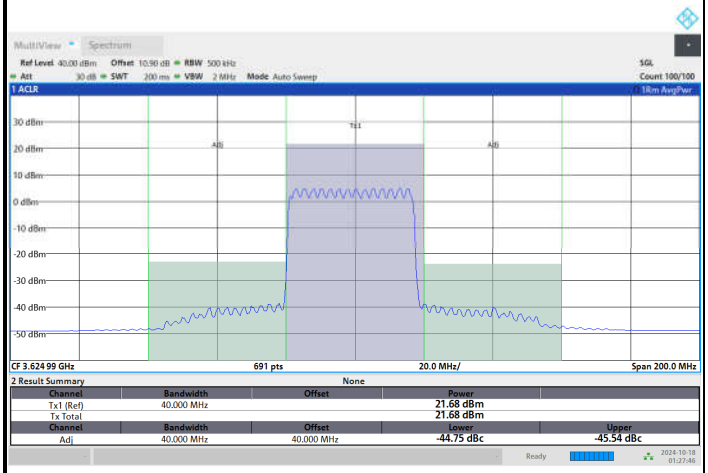


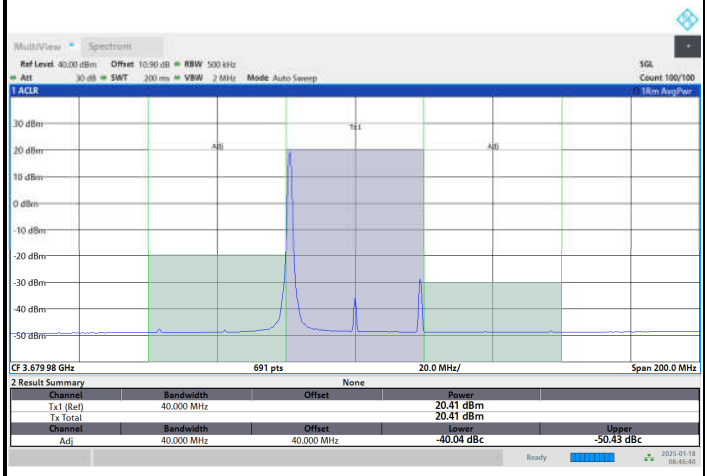
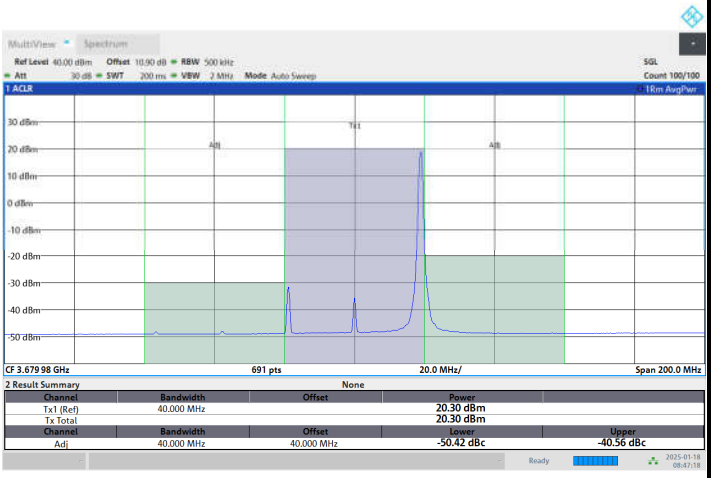
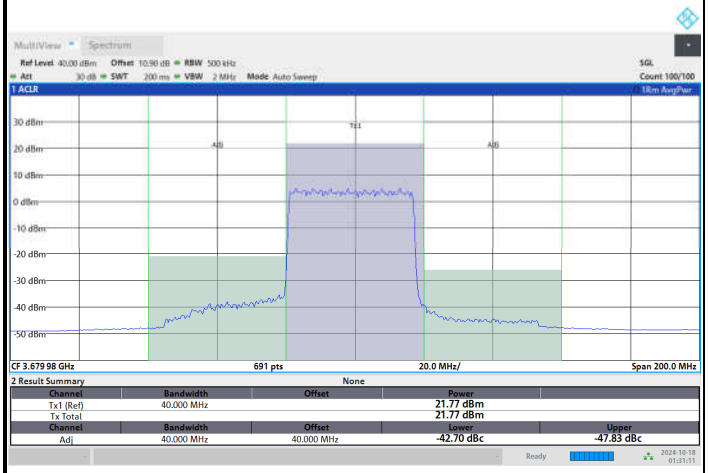
FR1 n48 / 40MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

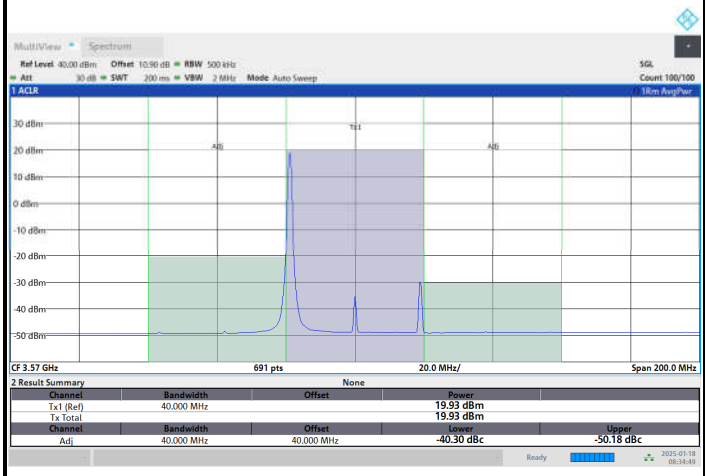
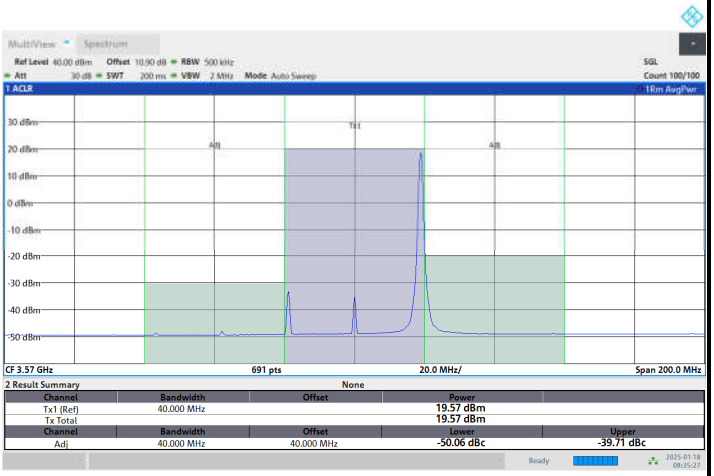
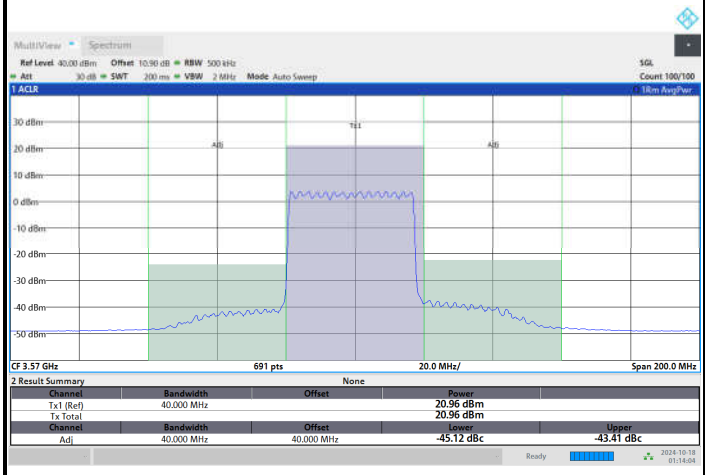
FR1 n48 / 40MHz / DFT-S OFDM / PI/2 BPSK	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

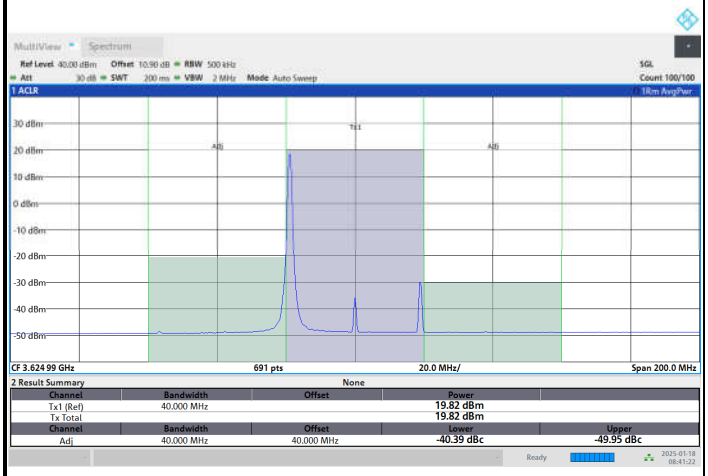
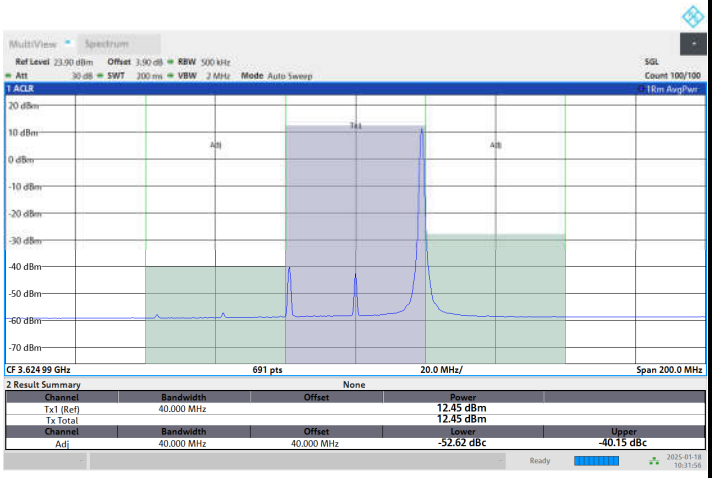
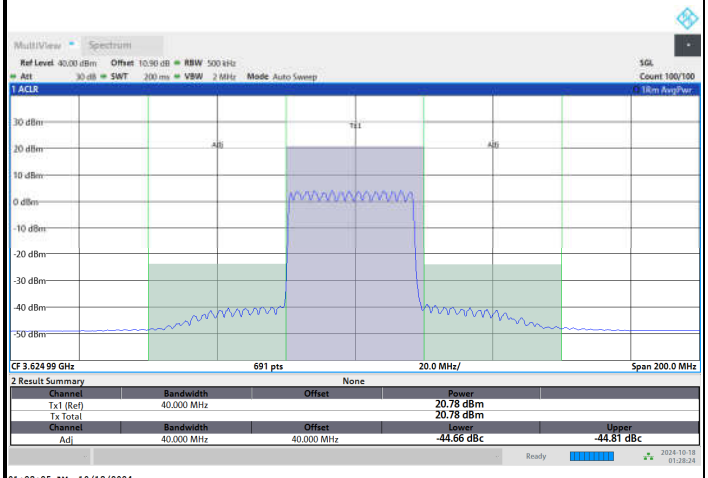
FR1 n48 / 40MHz / DFT-S OFDM / PI/2 BPSK	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

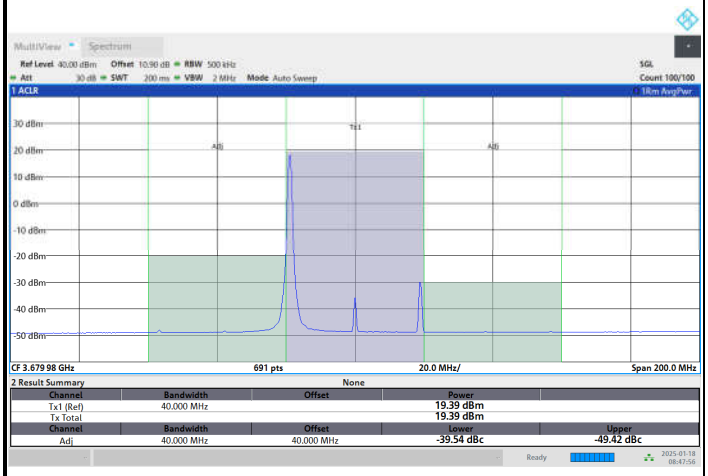
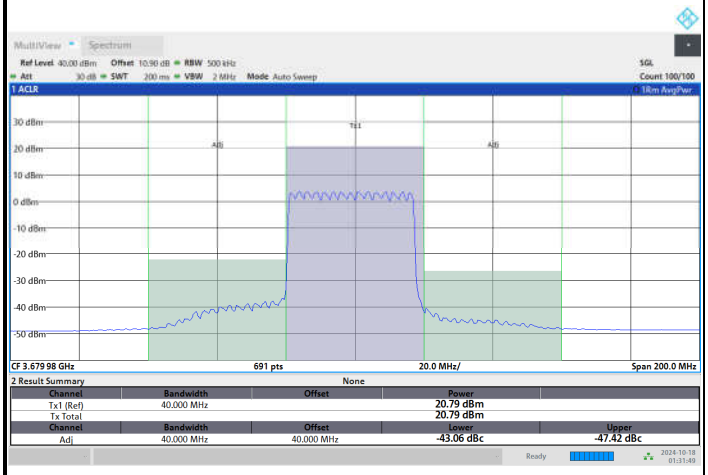
FR1 n48 / 40MHz / DFT-S OFDM / QPSK	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

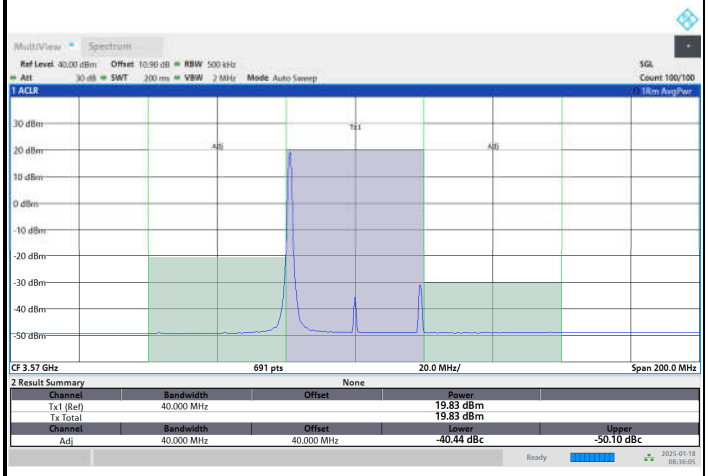
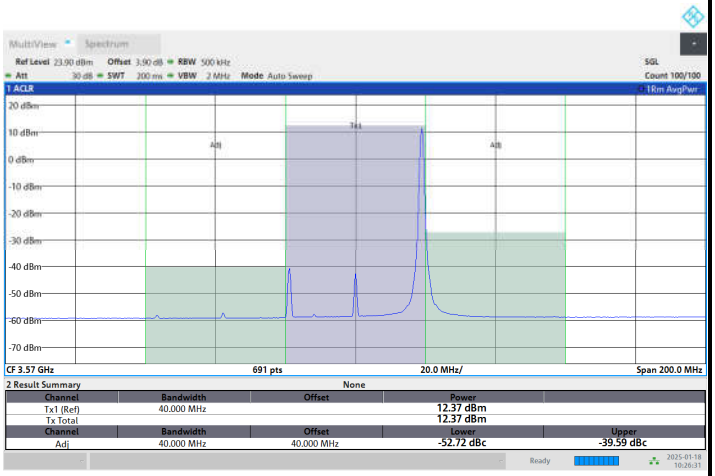
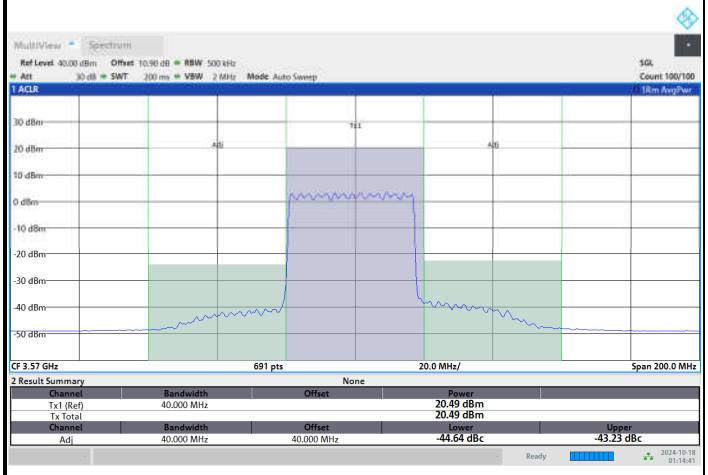
FR1 n48 / 40MHz / DFT-S OFDM / QPSK	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

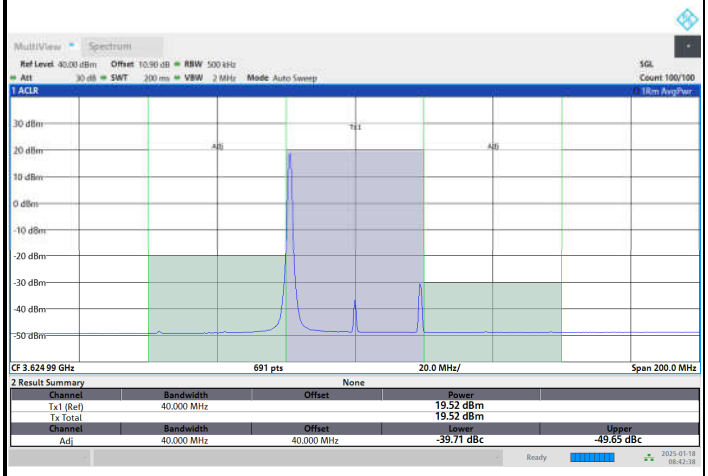
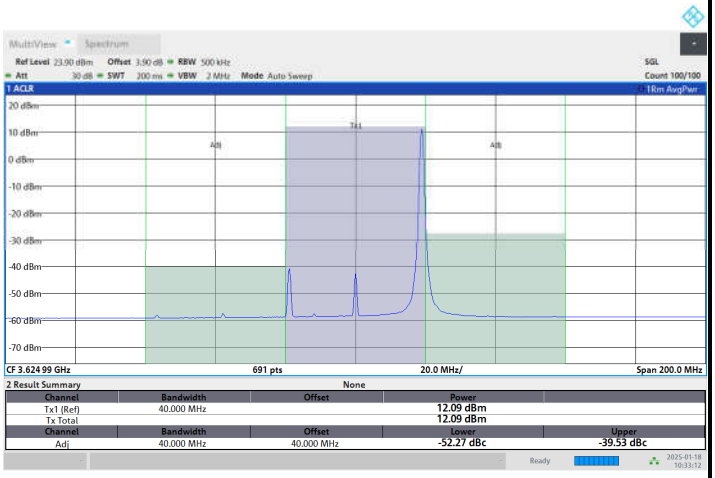
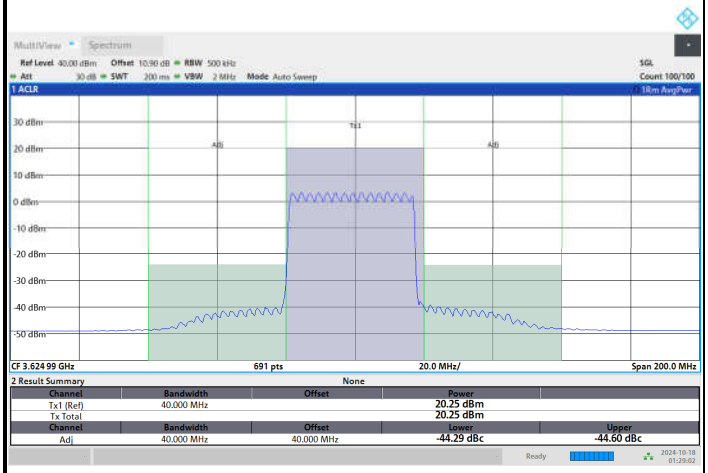
FR1 n48 / 40MHz / DFT-S OFDM / QPSK	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

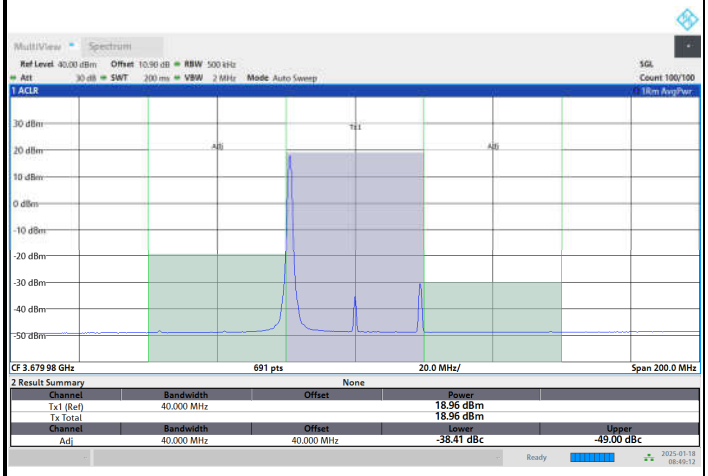
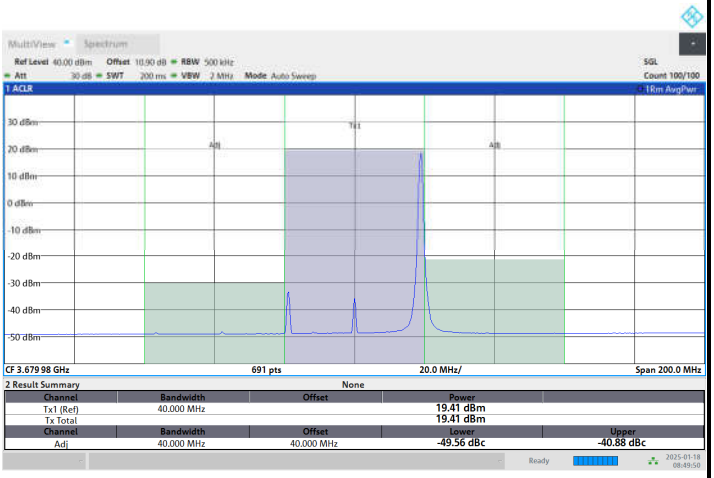
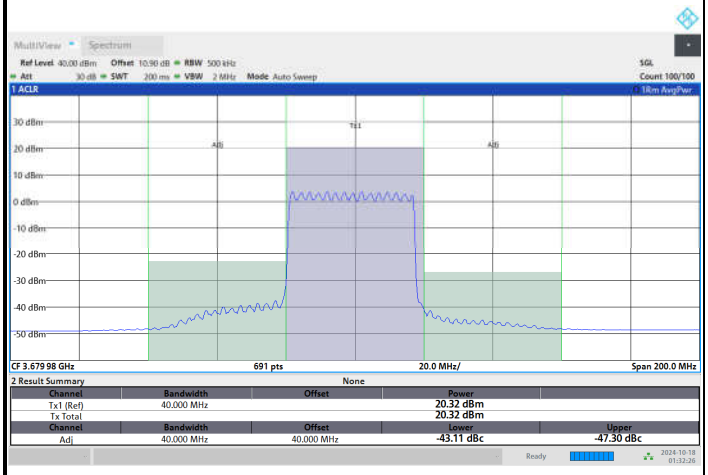
FR1 n48 / 40MHz / DFT-S OFDM / 16QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

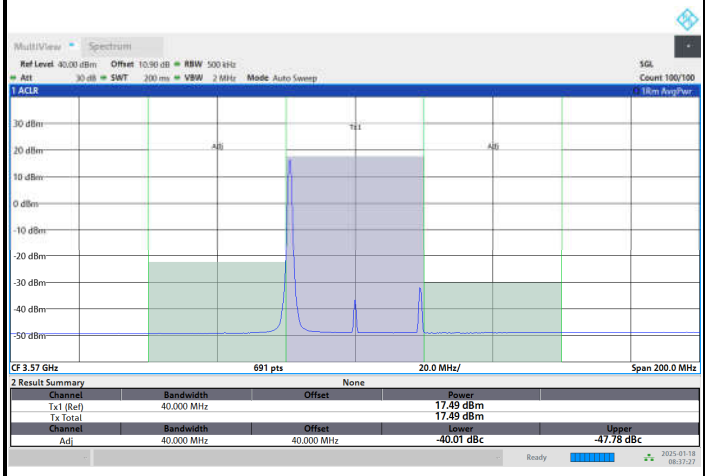
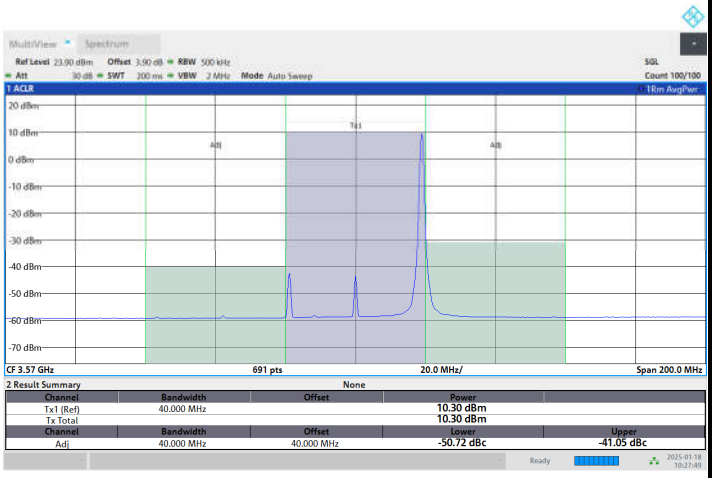
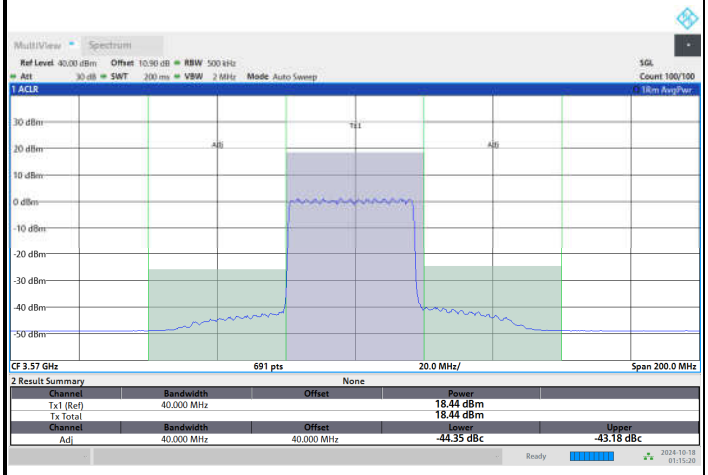
FR1 n48 / 40MHz / DFT-S OFDM / 16QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

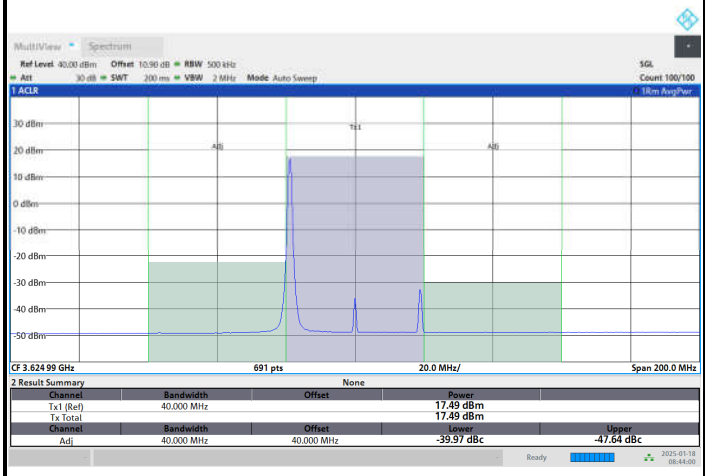
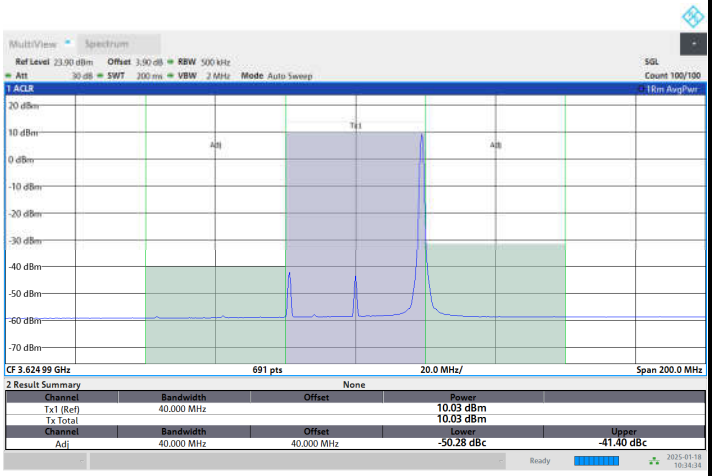
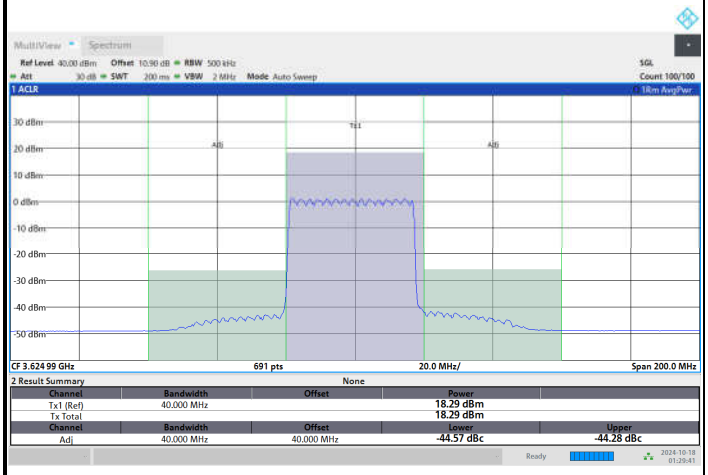
FR1 n48 / 40MHz / DFT-S OFDM / 16QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

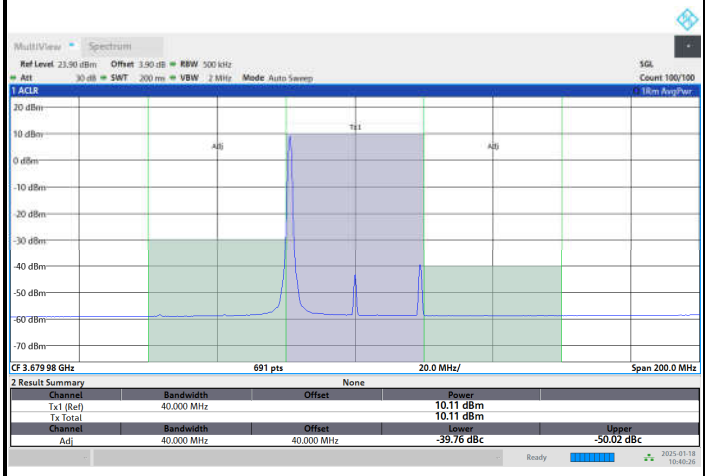
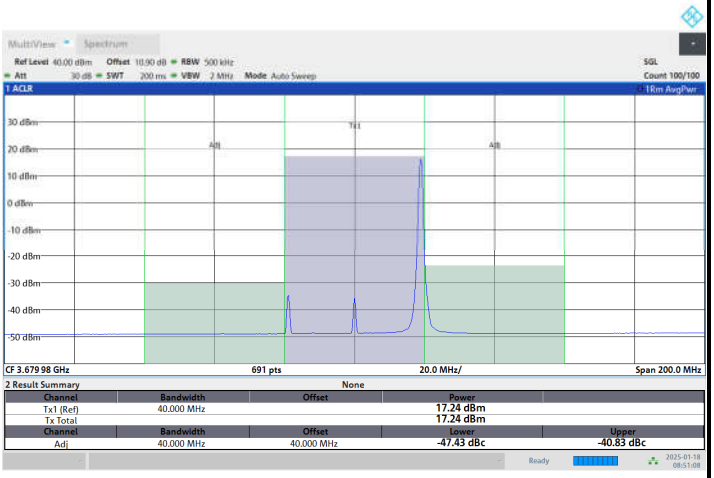
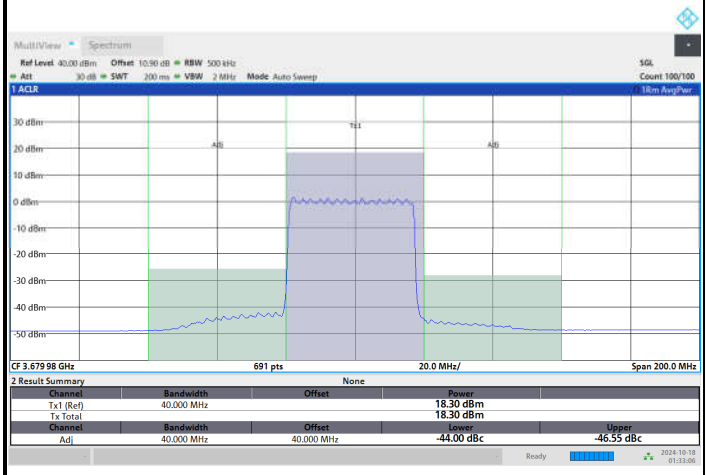
FR1 n48 / 40MHz / DFT-S OFDM / 64QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

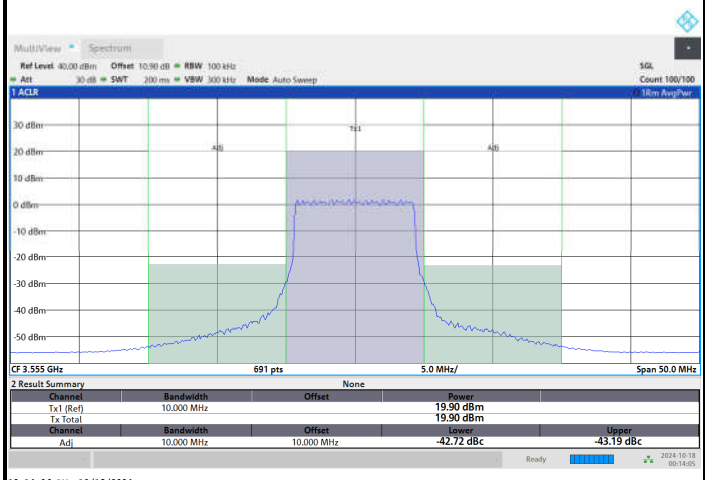
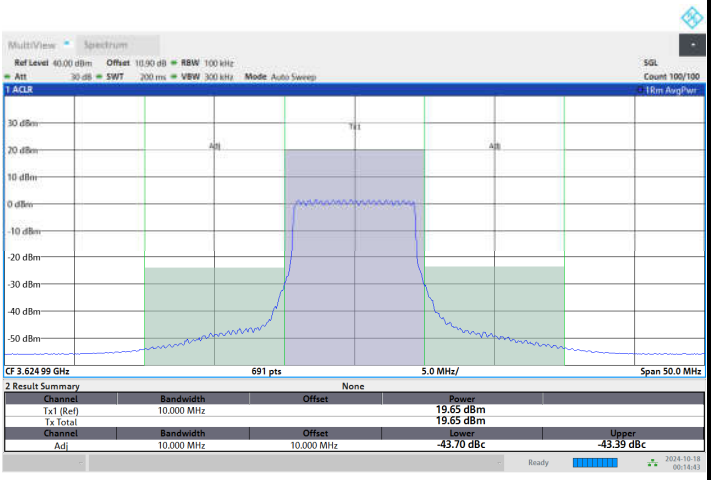
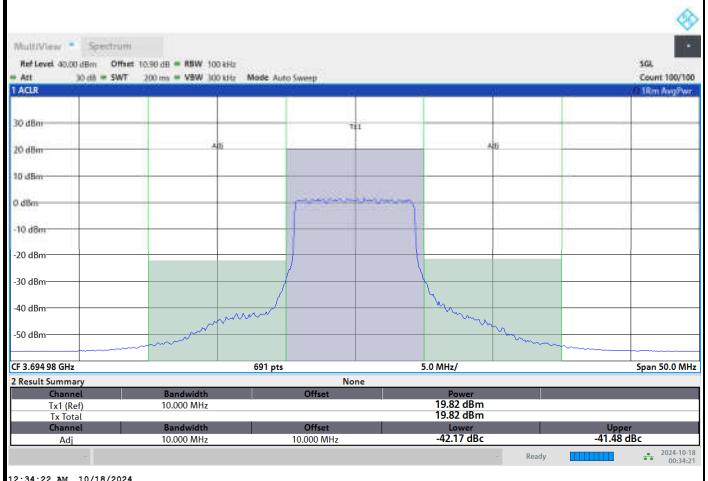
FR1 n48 / 40MHz / DFT-S OFDM / 64QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

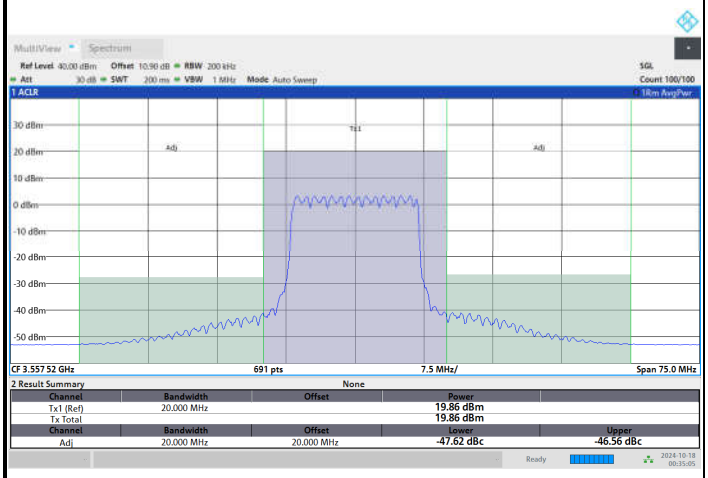
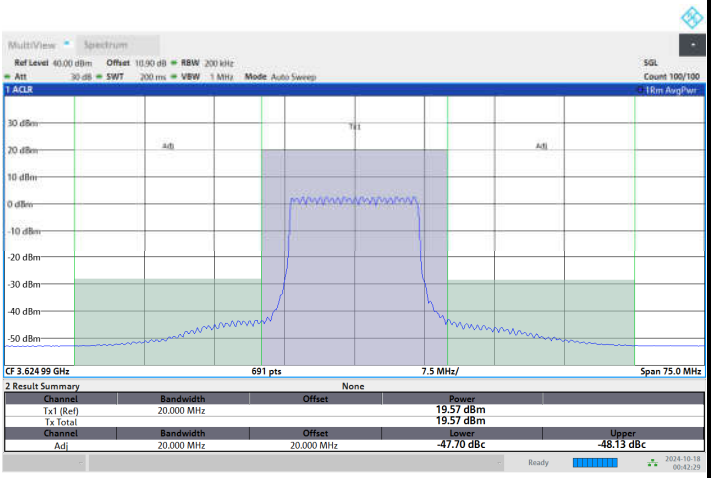
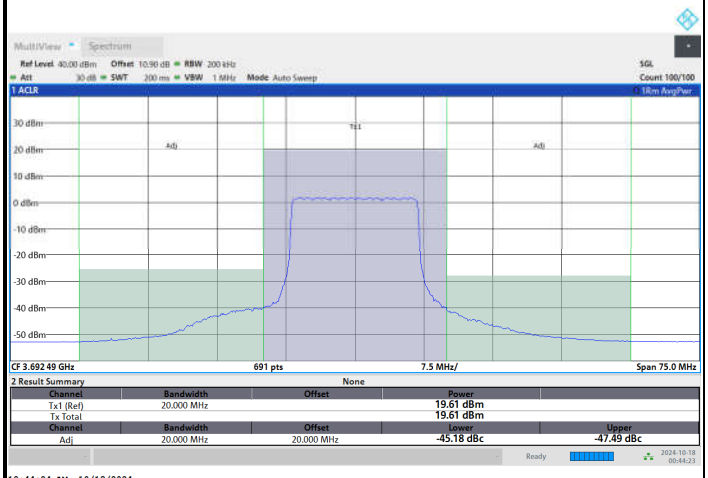
FR1 n48 / 40MHz / DFT-S OFDM / 64QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

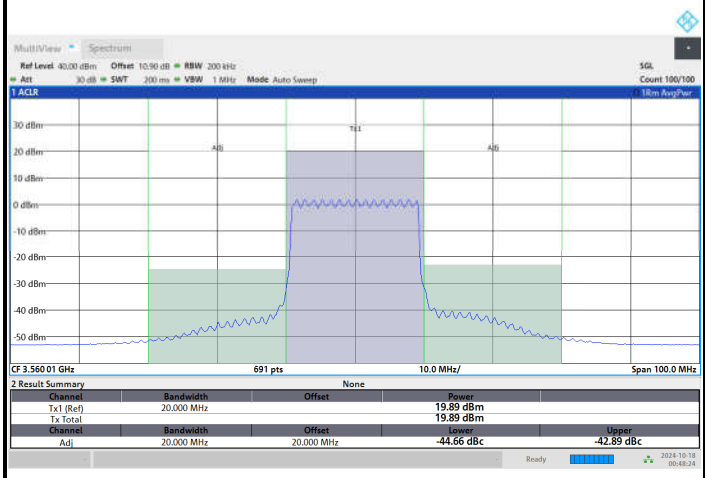
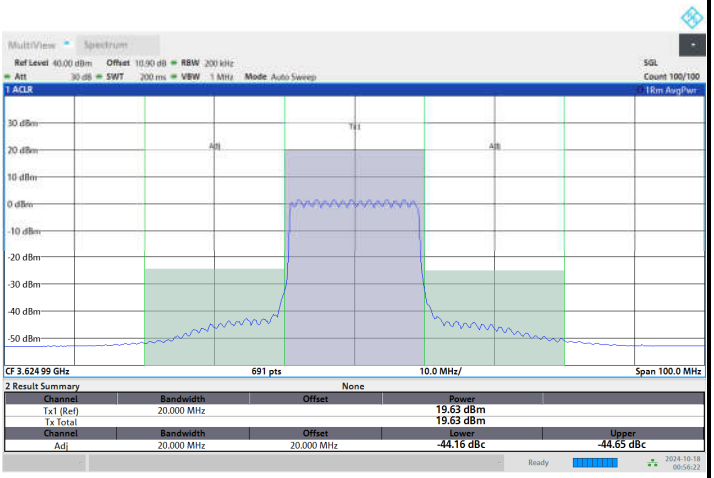
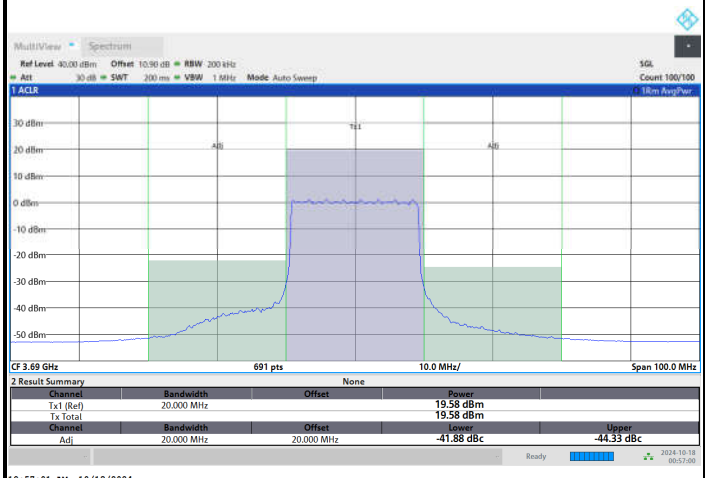
FR1 n48 / 40MHz / DFT-S OFDM / 256QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

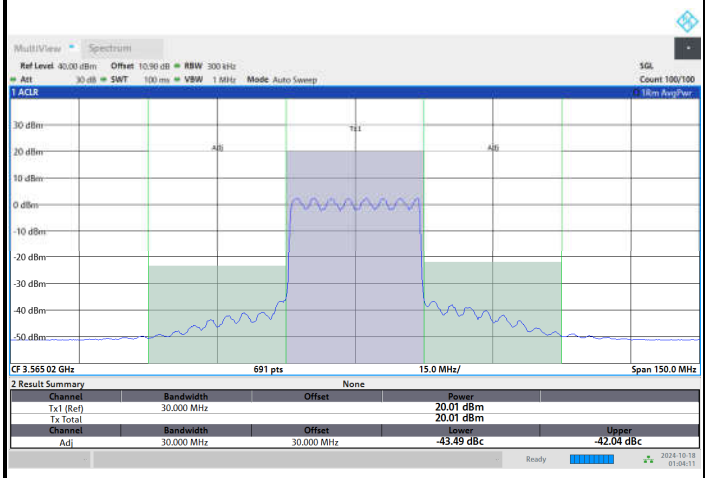
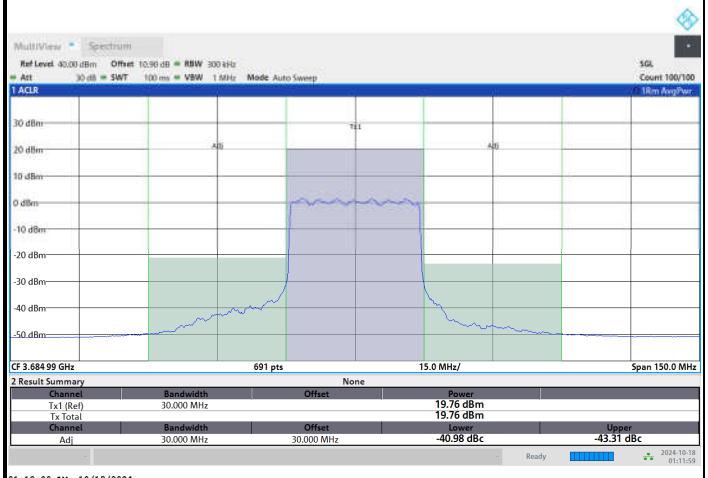
FR1 n48 / 40MHz / DFT-S OFDM / 256QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

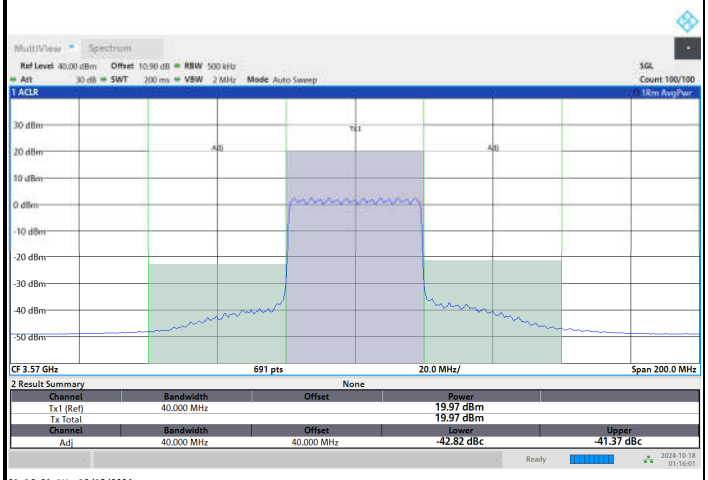
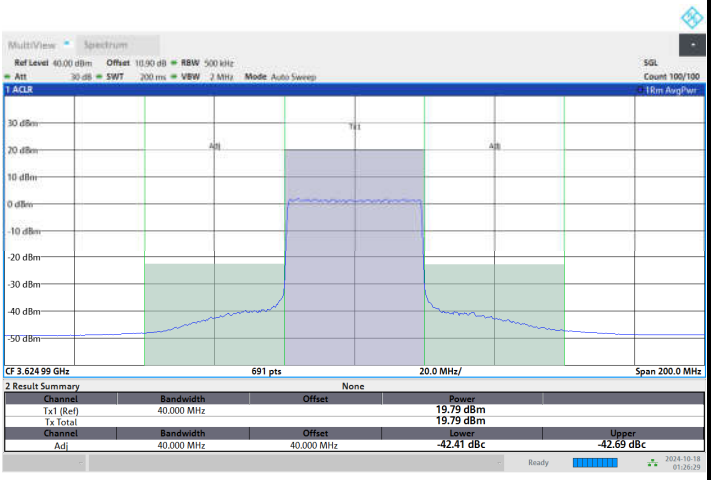
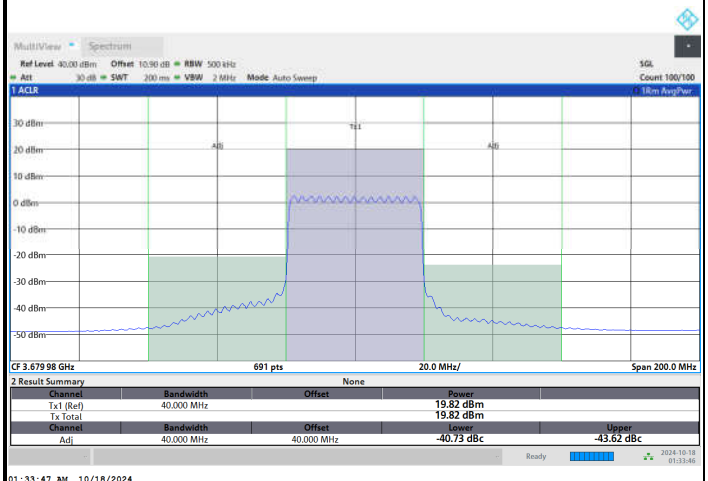
FR1 n48 / 40MHz / DFT-S OFDM / 256QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

FR1 n48 / 10MHz / CP OFDM / QPSK / Full RB	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

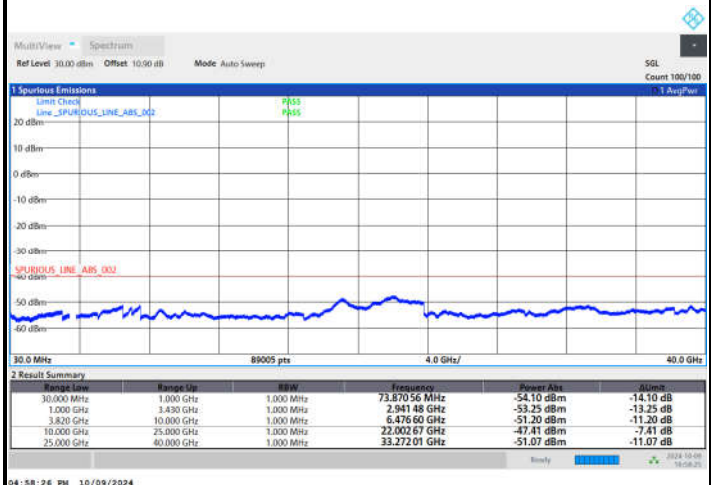
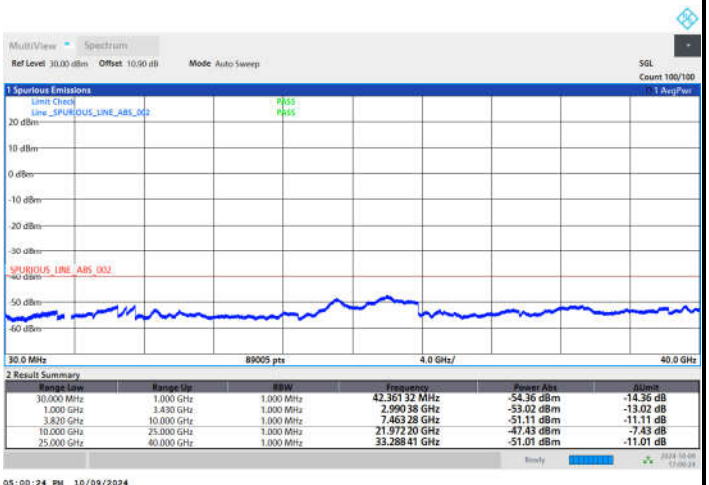
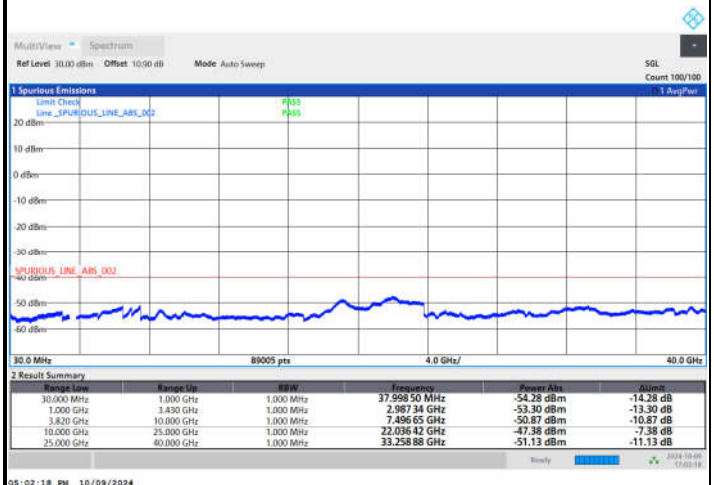
FR1 n48 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

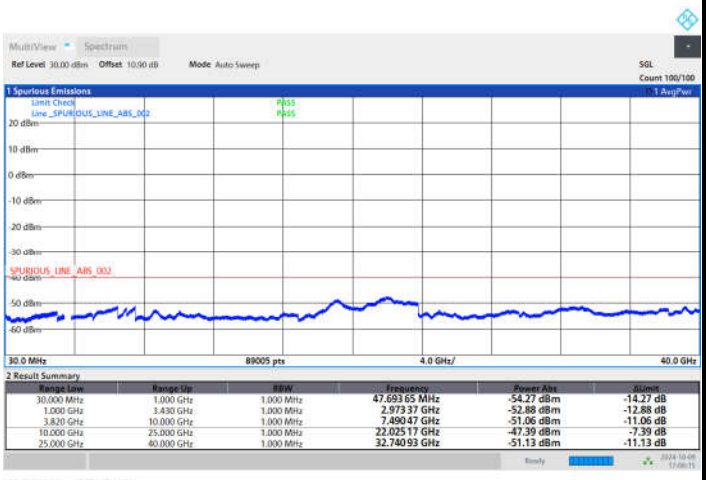
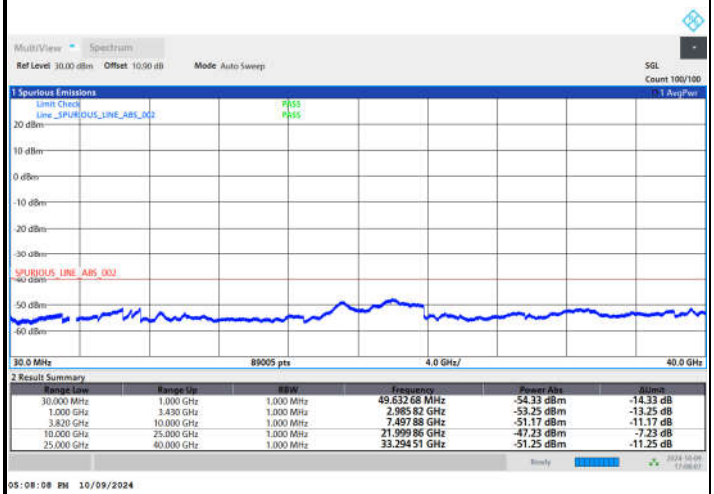
FR1 n48 / 20MHz / CP OFDM / QPSK / Full RB	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

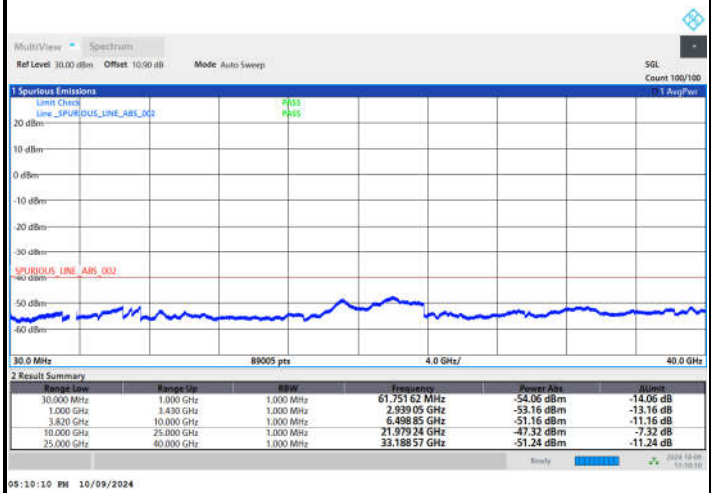
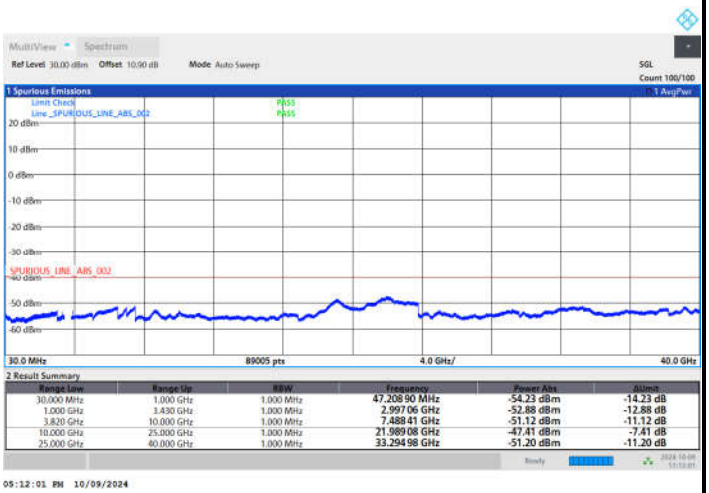
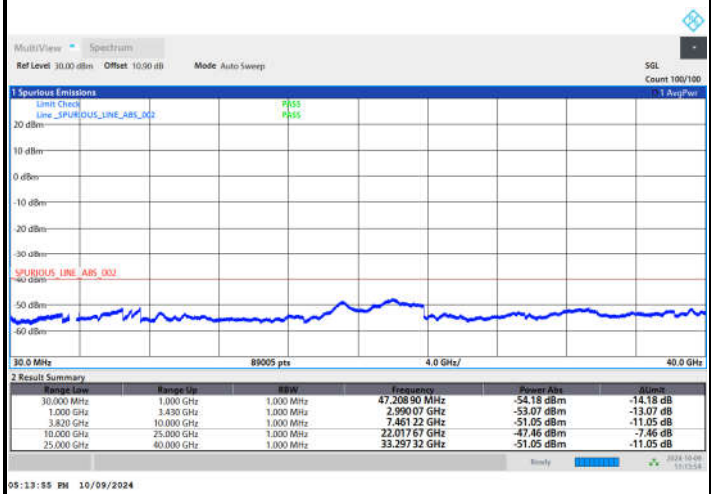
FR1 n48 / 30MHz / CP OFDM / QPSK / Full RB	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

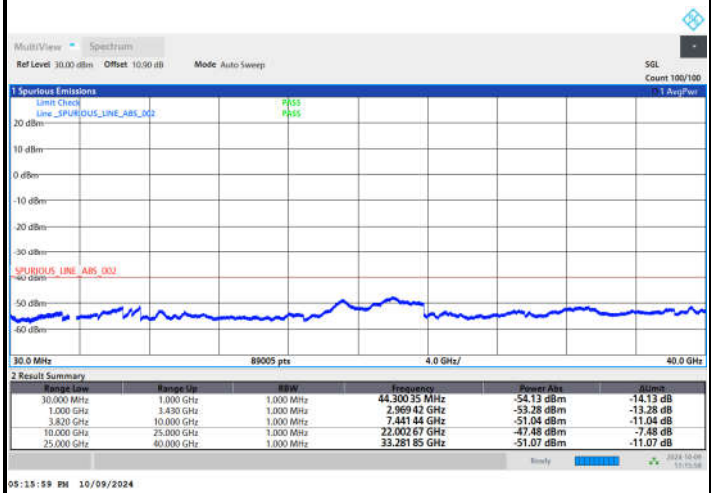
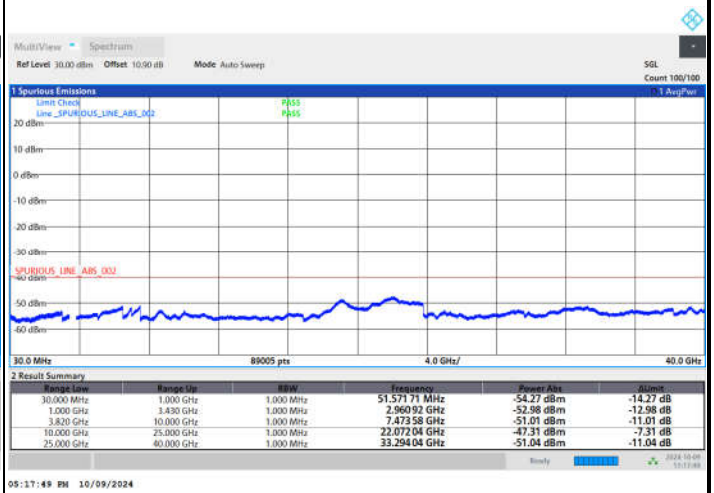
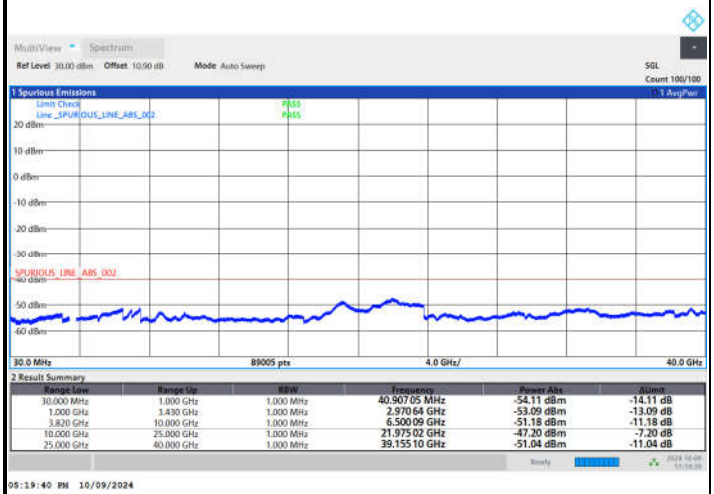
FR1 n48 / 40MHz / CP OFDM / QPSK / Full RB	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

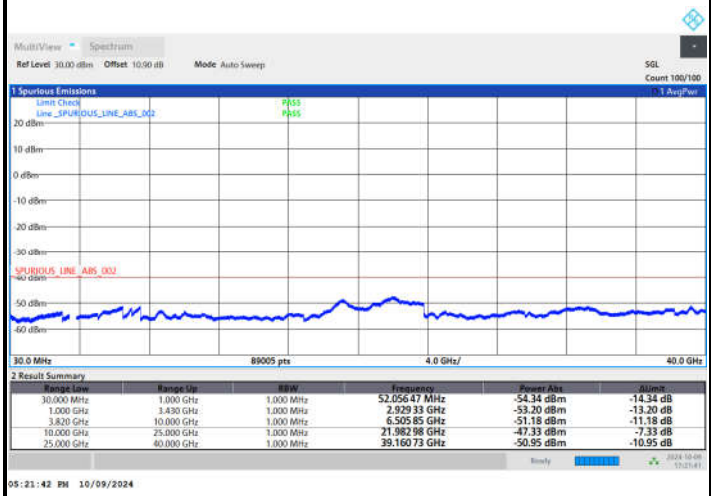
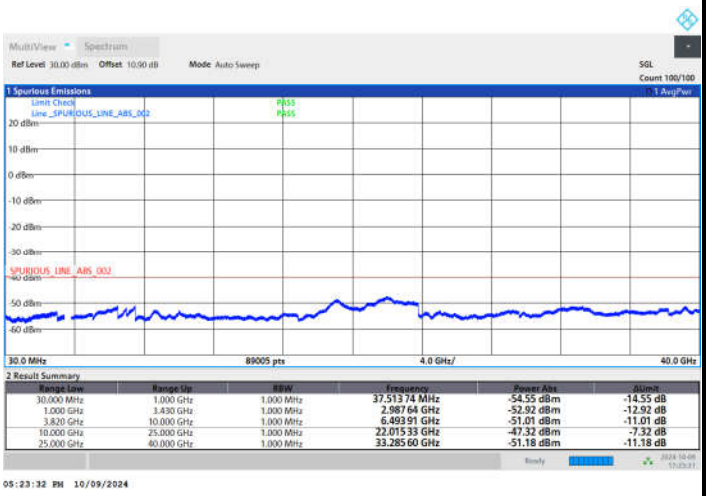
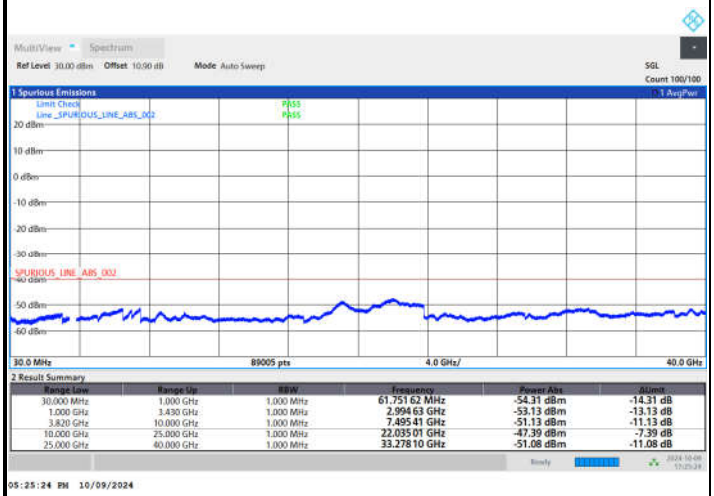
Conducted Spurious Emission

FR1 n48 / 10MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

FR1 n48 / 15MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

FR1 n48 / 20MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

FR1 n48 / 30MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

FR1 n48 / 40MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

Frequency Stability

Test Conditions		FR1 n48 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0115	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0185	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0134	
-10	Normal Voltage	0.0111	
-20	Normal Voltage	0.0063	
-30	Normal Voltage	0.0220	
20	Maximum Voltage	0.0179	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0070	

Note:

1. Normal Voltage = 3.8 V.；Minimum Voltage = 3.4 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

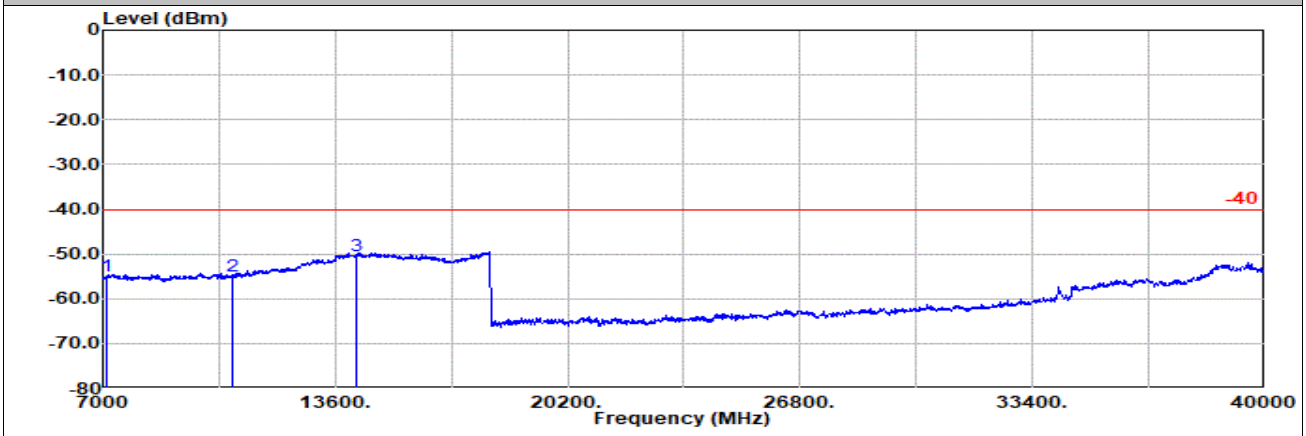
Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 96	NR SA n48	H	7325	-44.07	RMS	36.75	-20.76	1.00	-95.23	34.17	-40.00	-4.07	V	Ant2
2	Part 96	NR SA n48	L	14209	-49.77	RMS	41.20	-21.97	0.46	-95.23	25.77	-40.00	-9.77	V	Ant2+0

Ant2

Part 96 Mode 1

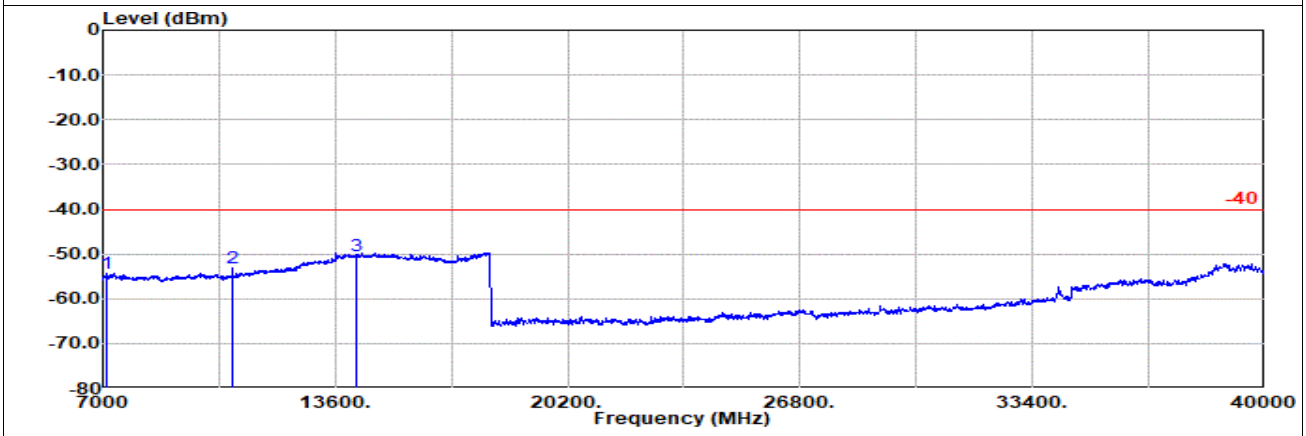
NR SA n48 40M Ch638000 1RB1 PI/2 BPSK

L



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7105.00	-54.82	RMS	36.31	-20.87	1.20	-95.23	23.77	-40.00	-14.82	Horizontal
2	10657.00	-54.95	RMS	37.50	-21.43	0.56	-95.23	23.65	-40.00	-14.95	Horizontal
3	14209.00	-50.29	RMS	41.20	-21.97	0.46	-95.23	25.25	-40.00	-10.29	Horizontal

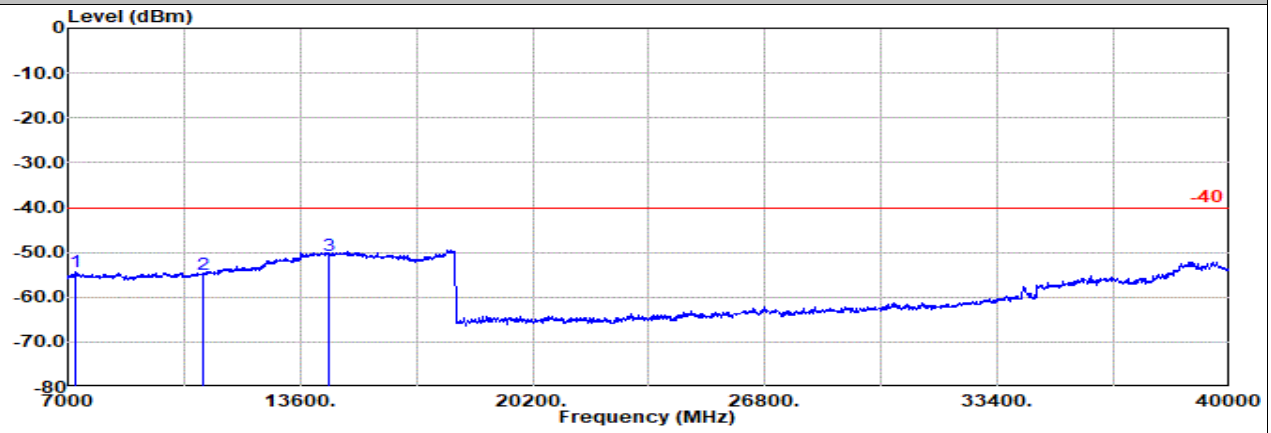


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7105.00	-54.41	RMS	36.31	-20.87	1.20	-95.23	24.18	-40.00	-14.41	Vertical
2	10657.00	-53.14	RMS	37.50	-21.43	0.56	-95.23	25.46	-40.00	-13.14	Vertical
3	14209.00	-50.45	RMS	41.20	-21.97	0.46	-95.23	25.09	-40.00	-10.45	Vertical

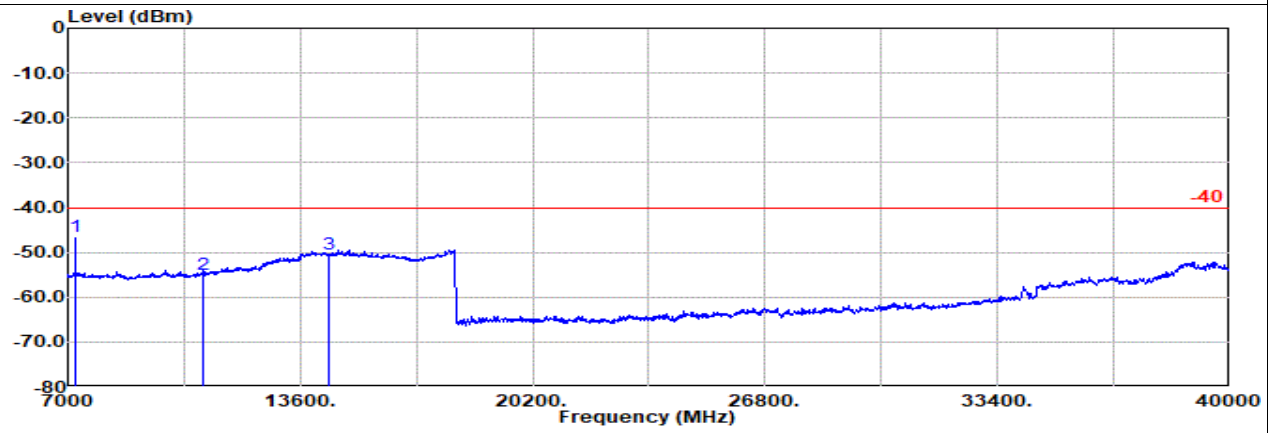
Ant2

Part 96 Mode 1
NR SA n48 40M Ch641666 1RB1 PI/2 BPSK
M



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7215.00	-54.38	RMS	36.53	-20.82	1.08	-95.23	24.06	-40.00	-14.38	Horizontal
2	10822.00	-55.03	RMS	37.50	-21.42	0.55	-95.23	23.57	-40.00	-15.03	Horizontal
3	14429.00	-50.68	RMS	41.20	-22.47	0.47	-95.23	25.35	-40.00	-10.68	Horizontal

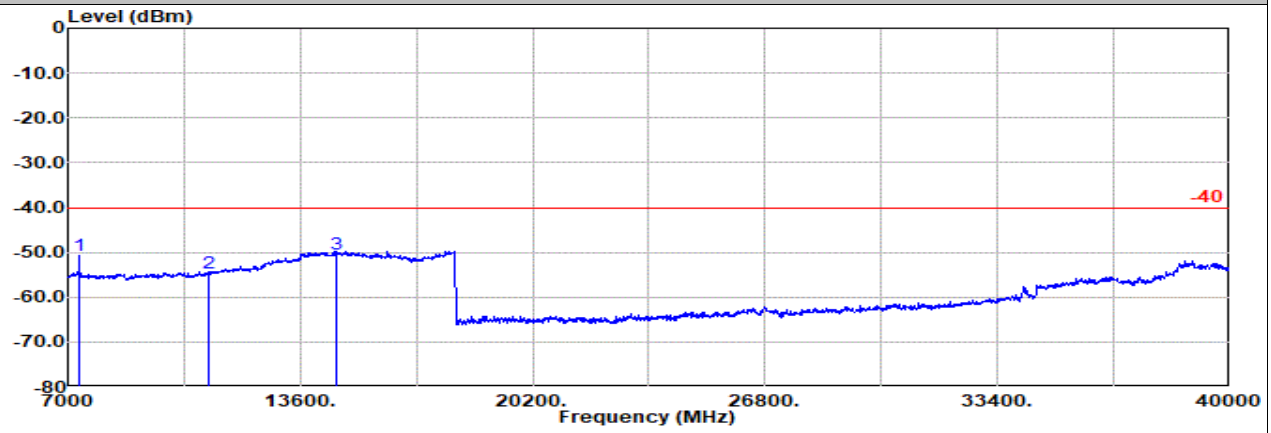


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7215.00	-46.43	RMS	36.53	-20.82	1.08	-95.23	32.01	-40.00	-6.43	Vertical
2	10822.00	-54.90	RMS	37.50	-21.42	0.55	-95.23	23.70	-40.00	-14.90	Vertical
3	14429.00	-50.41	RMS	41.20	-22.47	0.47	-95.23	25.62	-40.00	-10.41	Vertical

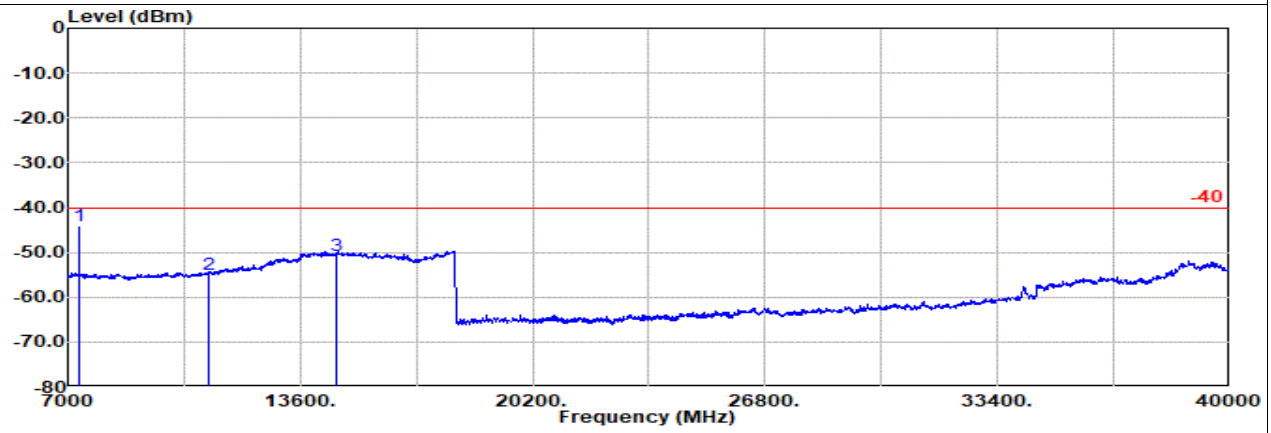
Ant2

Part 96 Mode 1
NR SA n48 40M Ch645332 1RB1 PI/2 BPSK
H



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7325.00	-50.75	RMS	36.75	-20.76	1.00	-95.23	27.49	-40.00	-10.75	Horizontal
2	10987.00	-54.49	RMS	37.67	-21.40	0.54	-95.23	23.93	-40.00	-14.49	Horizontal
3	14649.00	-50.34	RMS	41.40	-22.57	0.48	-95.23	25.58	-40.00	-10.34	Horizontal

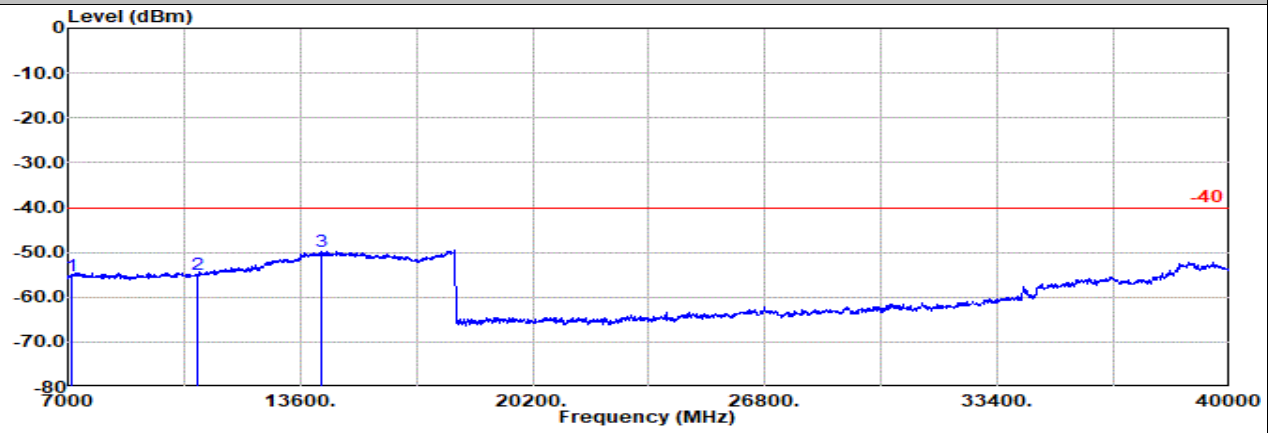


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7325.00	-44.07	RMS	36.75	-20.76	1.00	-95.23	34.17	-40.00	-4.07	Vertical
2	10987.00	-54.94	RMS	37.67	-21.40	0.54	-95.23	23.48	-40.00	-14.94	Vertical
3	14649.00	-50.59	RMS	41.40	-22.57	0.48	-95.23	25.33	-40.00	-10.59	Vertical

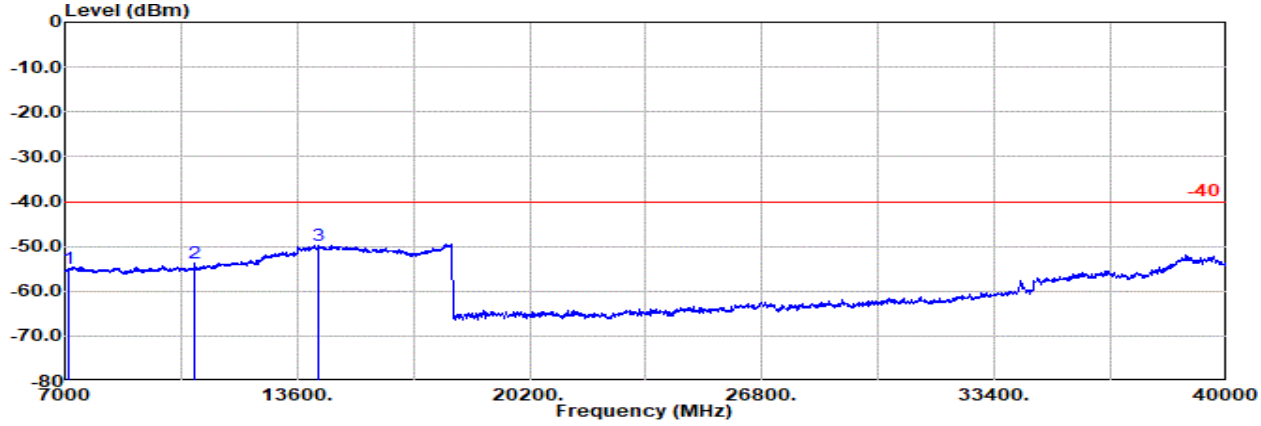
Ant2+0

Part 96 Mode 2
NR SA n48 40M Ch638000 1RB1 QPSK
L



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch638000 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7105.00	-55.21	RMS	36.31	-20.87	1.20	-95.23	23.38	-40.00	-15.21	Horizontal
2	10657.00	-54.81	RMS	37.50	-21.43	0.56	-95.23	23.79	-40.00	-14.81	Horizontal
3	14209.00	-49.93	RMS	41.20	-21.97	0.46	-95.23	25.61	-40.00	-9.93	Horizontal

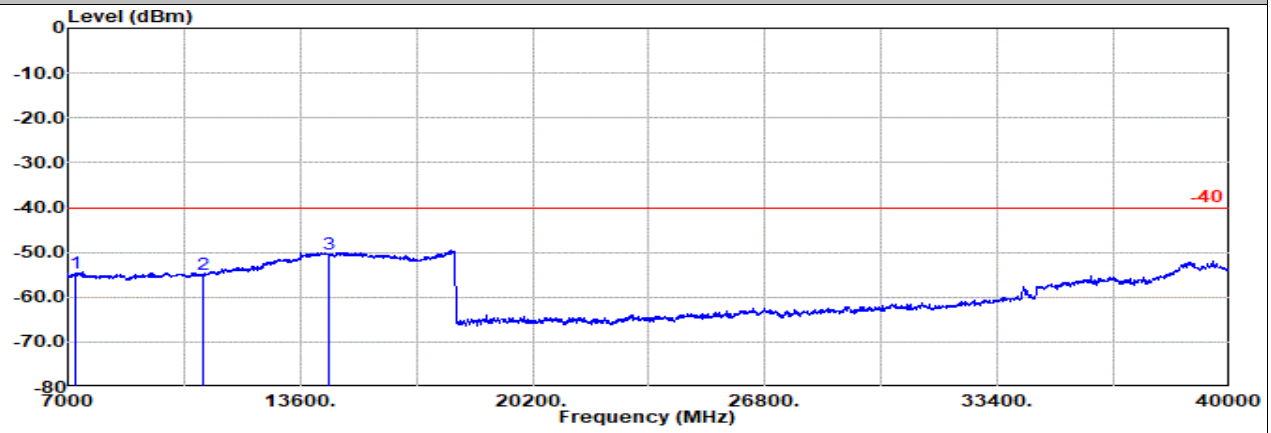


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch638000 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7105.00	-55.04	RMS	36.31	-20.87	1.20	-95.23	23.55	-40.00	-15.04	Vertical
2	10657.00	-53.63	RMS	37.50	-21.43	0.56	-95.23	24.97	-40.00	-13.63	Vertical
3	14209.00	-49.77	RMS	41.20	-21.97	0.46	-95.23	25.77	-40.00	-9.77	Vertical

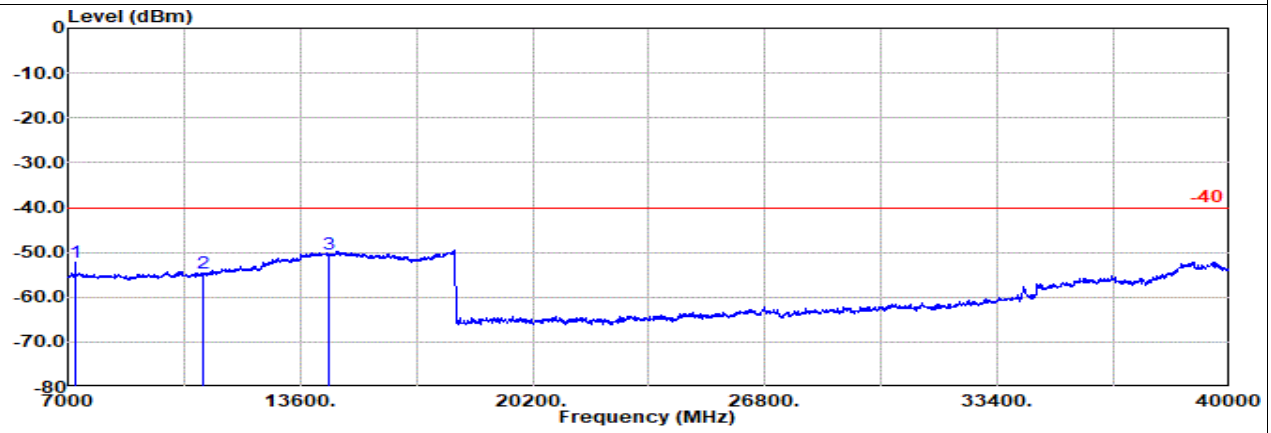
Ant2+0

Part 96 Mode 2
NR SA n48 40M Ch641666 1RB1 QPSK
M



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch641666 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7215.00	-54.69	RMS	36.53	-20.82	1.08	-95.23	23.75	-40.00	-14.69	Horizontal
2	10822.00	-54.81	RMS	37.50	-21.42	0.55	-95.23	23.79	-40.00	-14.81	Horizontal
3	14429.00	-50.43	RMS	41.20	-22.47	0.47	-95.23	25.60	-40.00	-10.43	Horizontal

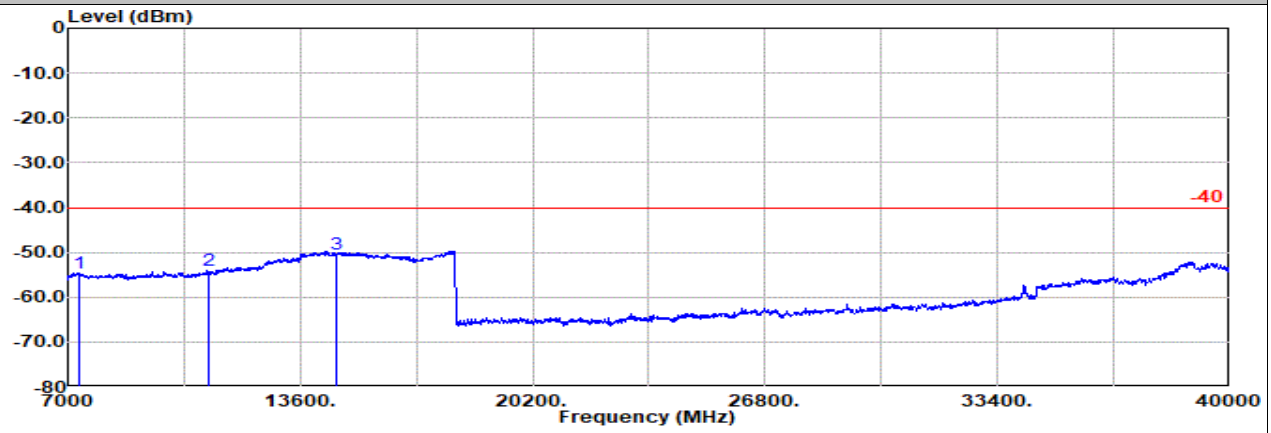


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch641666 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7215.00	-52.35	RMS	36.53	-20.82	1.08	-95.23	26.09	-40.00	-12.35	Vertical
2	10822.00	-54.79	RMS	37.50	-21.42	0.55	-95.23	23.81	-40.00	-14.79	Vertical
3	14429.00	-50.40	RMS	41.20	-22.47	0.47	-95.23	25.63	-40.00	-10.40	Vertical

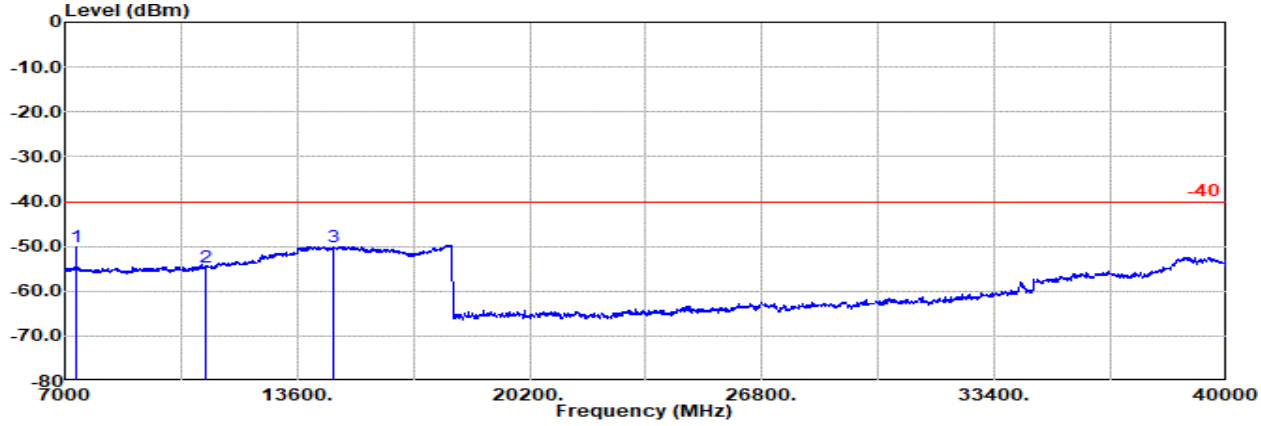
Ant2+0

Part 96 Mode 2
NR SA n48 40M Ch645332 1RB1 QPSK
H



Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
: SA n48 40M Ch645332 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7325.00	-54.78	RMS	36.75	-20.76	1.00	-95.23	23.46	-40.00	-14.78	Horizontal
2	10987.00	-54.17	RMS	37.67	-21.40	0.54	-95.23	24.25	-40.00	-14.17	Horizontal
3	14649.00	-50.27	RMS	41.40	-22.57	0.48	-95.23	25.65	-40.00	-10.27	Horizontal

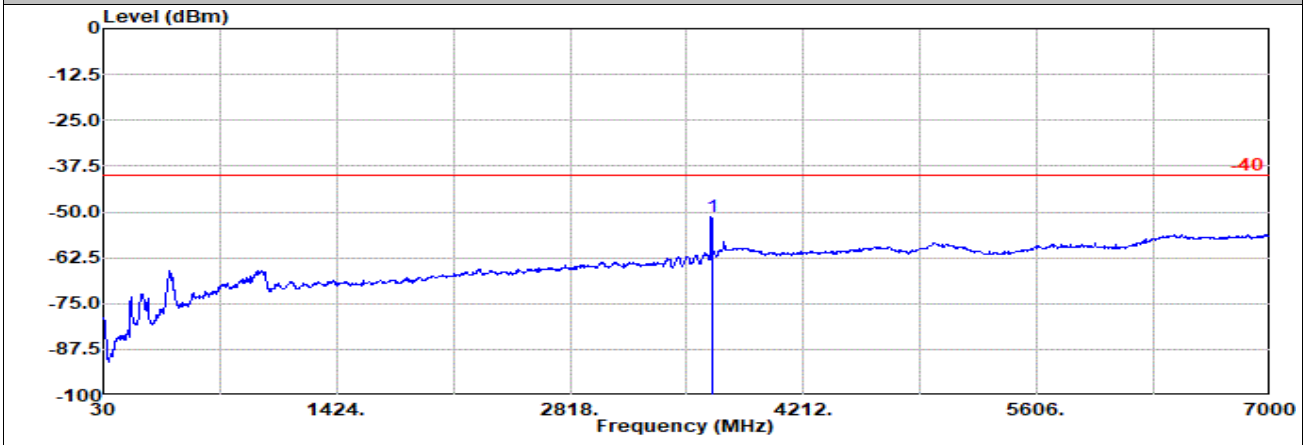


Site : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
: SA n48 40M Ch645332 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7325.00	-50.13	RMS	36.75	-20.76	1.00	-95.23	28.11	-40.00	-10.13	Vertical
2	10987.00	-54.78	RMS	37.67	-21.40	0.54	-95.23	23.64	-40.00	-14.78	Vertical
3	14649.00	-50.00	RMS	41.40	-22.57	0.48	-95.23	25.92	-40.00	-10.00	Vertical

Ant2

Part 96 Mode 1
NR SA n48 40M Ch645332 1RB1 PI/2 BPSK
H

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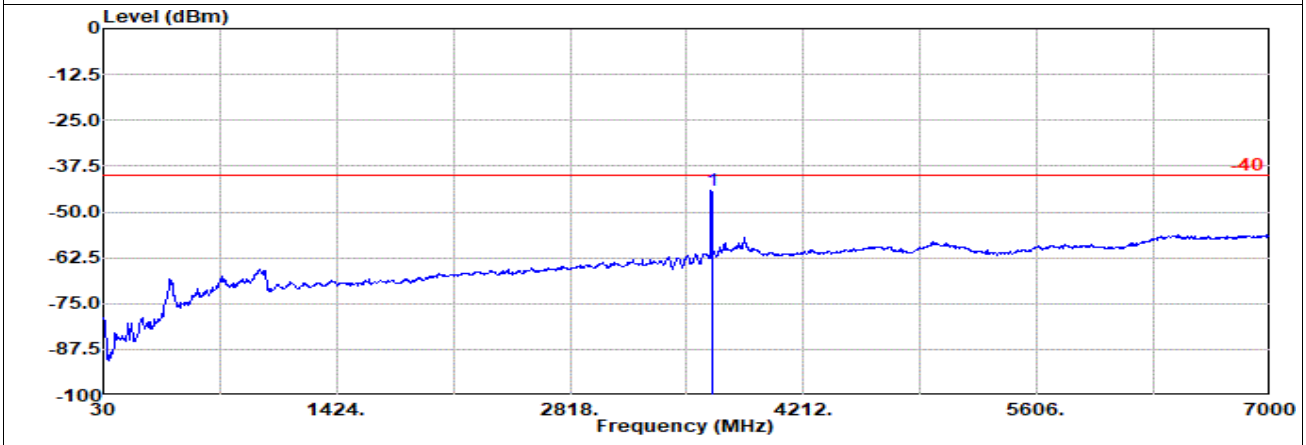
Site      : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal
         : SA n48 40M Ch645332 1RB1 BPSK
         : #1 is fundamental signal which can be ignored.
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3664.00	-51.34	RMS	29.46	-22.29	0.56	-95.23	36.16	-40.00	-11.34	Horizontal




```
Site      : 03CH21-HY
Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical
         : SA n48 40M Ch645332 1RB1 BPSK
         : #1 is fundamental signal which can be ignored.
```

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3664.00	-43.97	RMS	29.46	-22.29	0.56	-95.23	43.53	-40.00	-3.97	Vertical

Remark: #1 is fundamental signal which can be ignored.