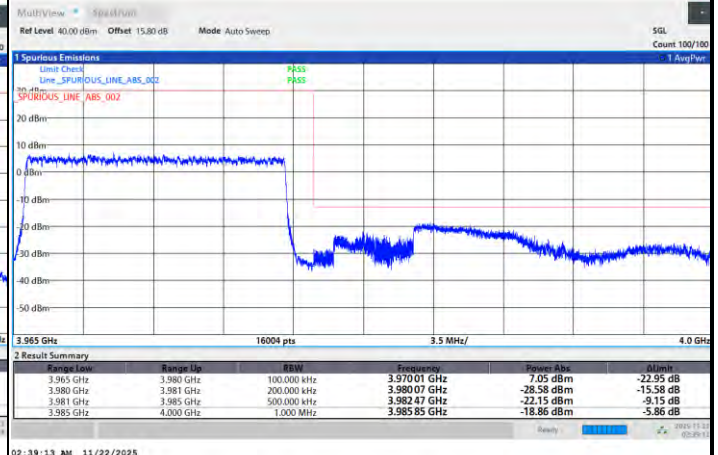
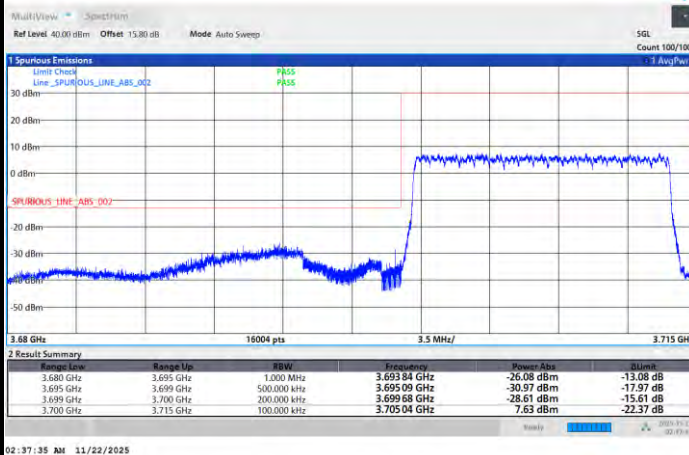




FR1 n77 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

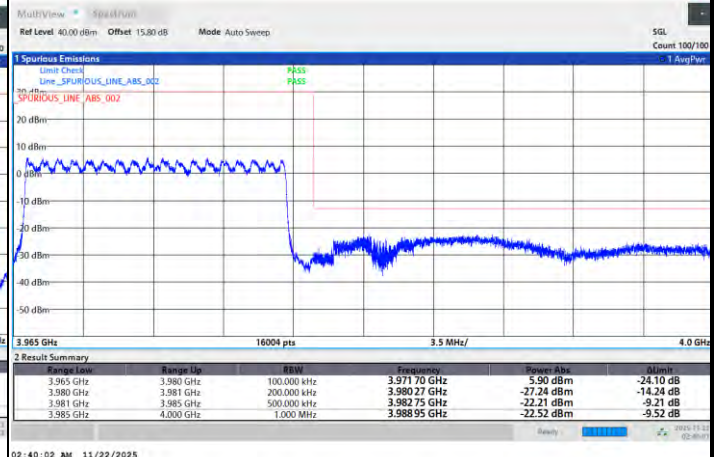
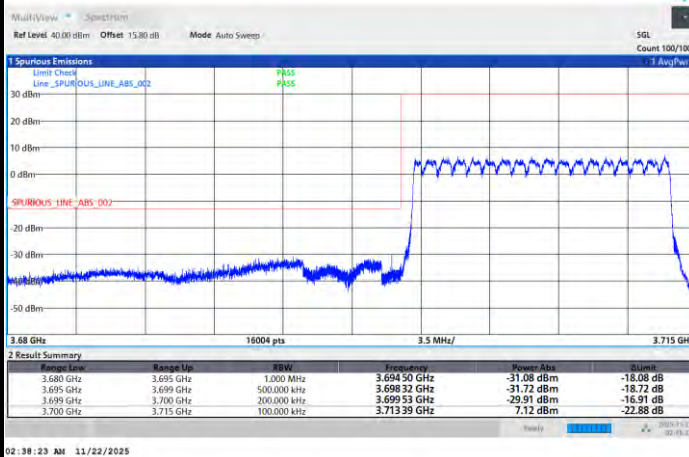
Highest Band Edge / Full RB



FR1 n77 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

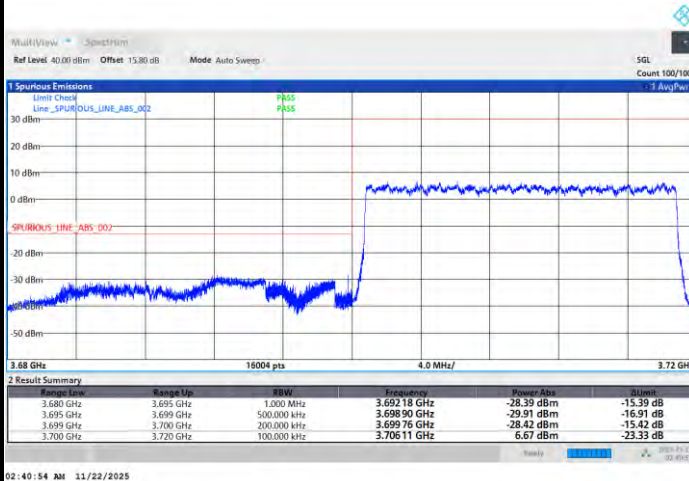




FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

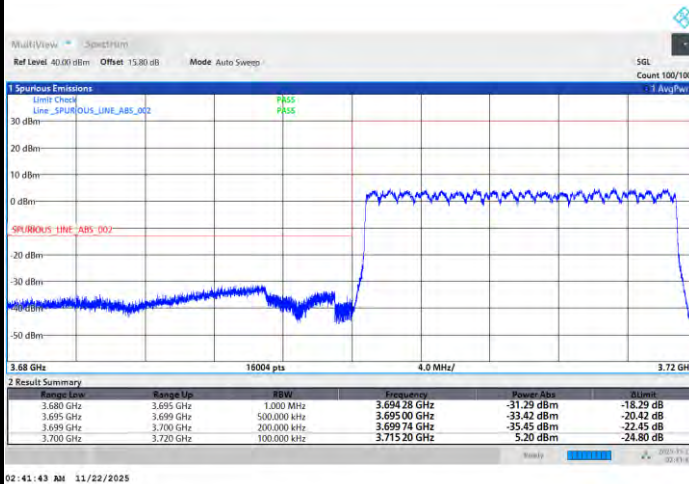
Highest Band Edge / Full RB



FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

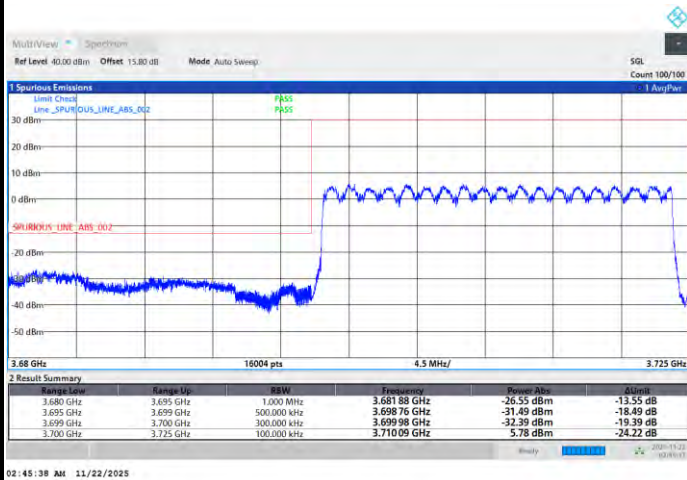




FR1 n77 / 25MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

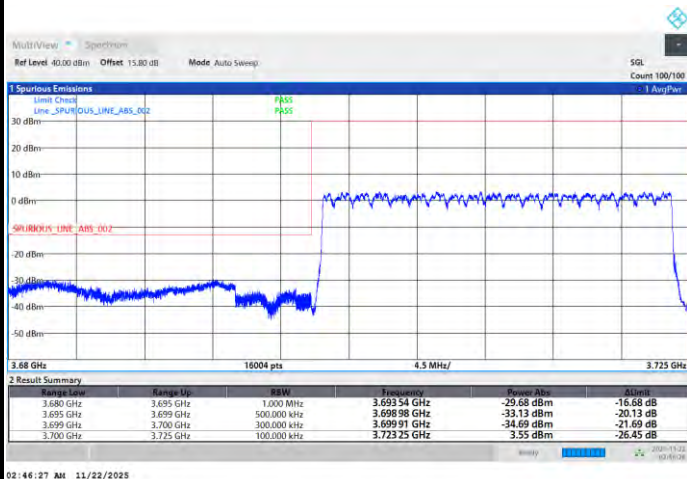
Highest Band Edge / Full RB



FR1 n77 / 25MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

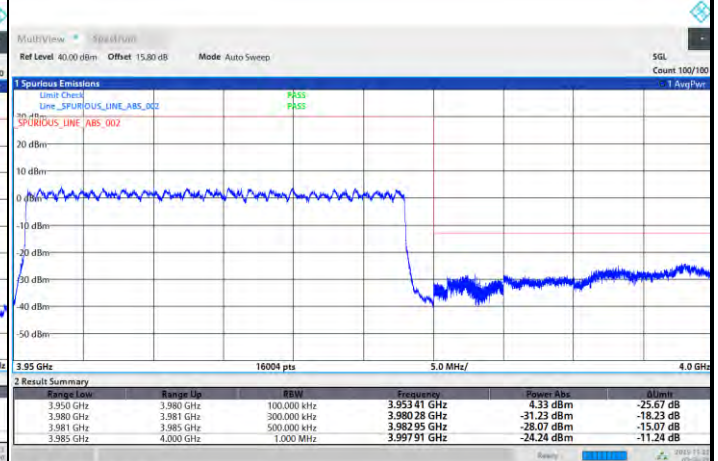
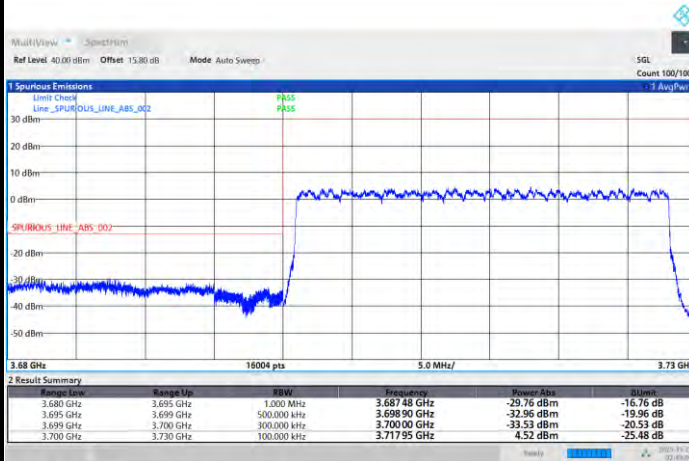




FR1 n77 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

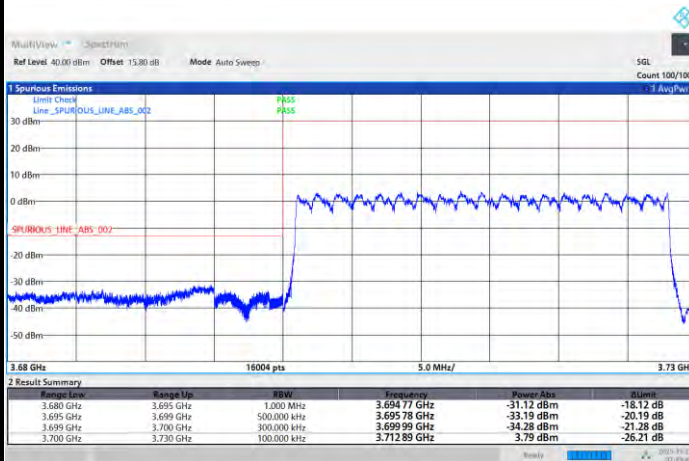
Highest Band Edge / Full RB



FR1 n77 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

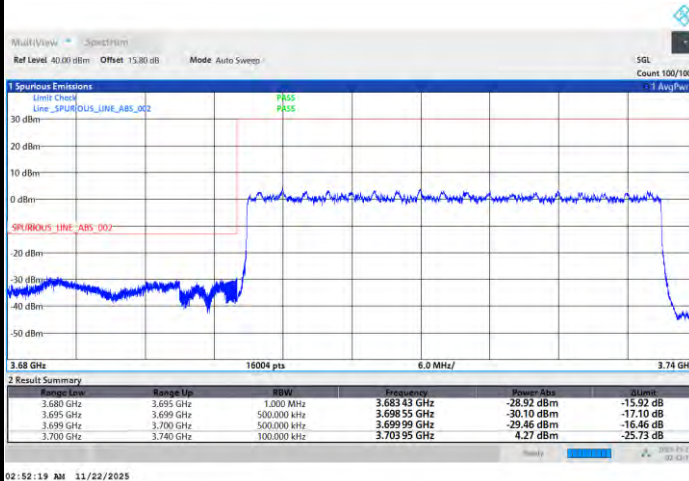




FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

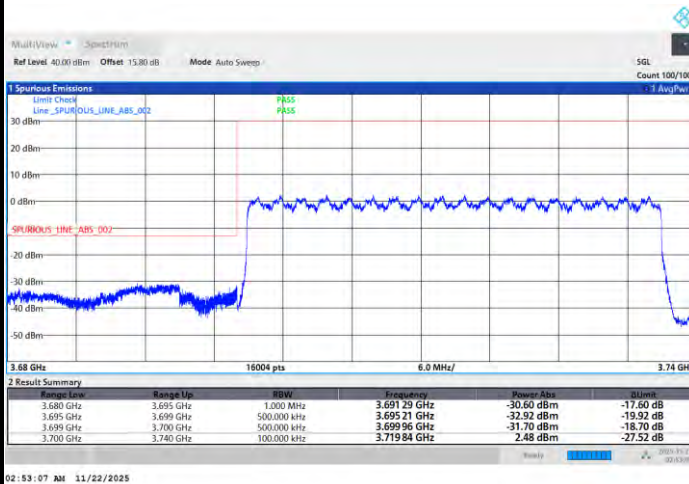
Highest Band Edge / Full RB



FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

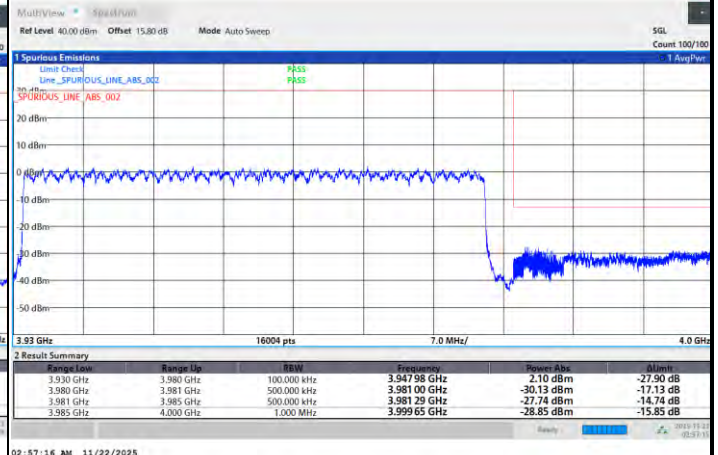
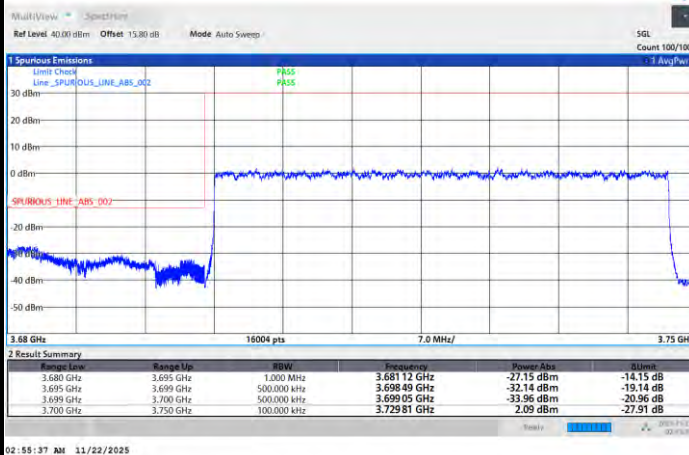




FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

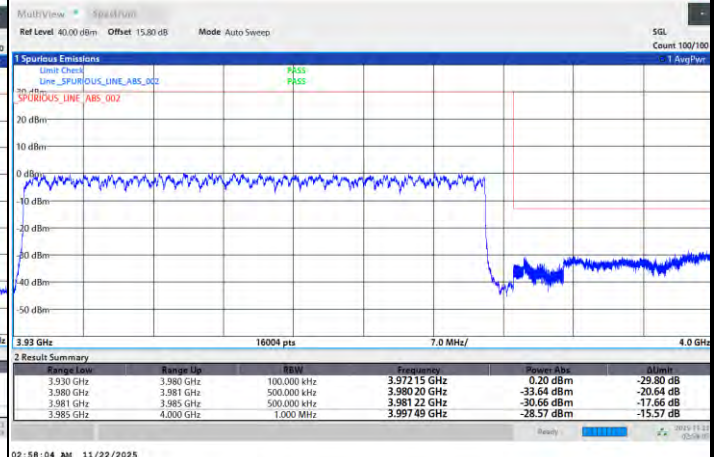
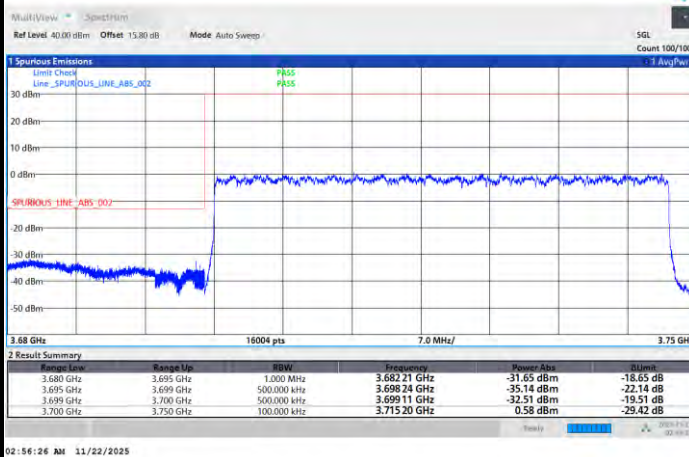
Highest Band Edge / Full RB



FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

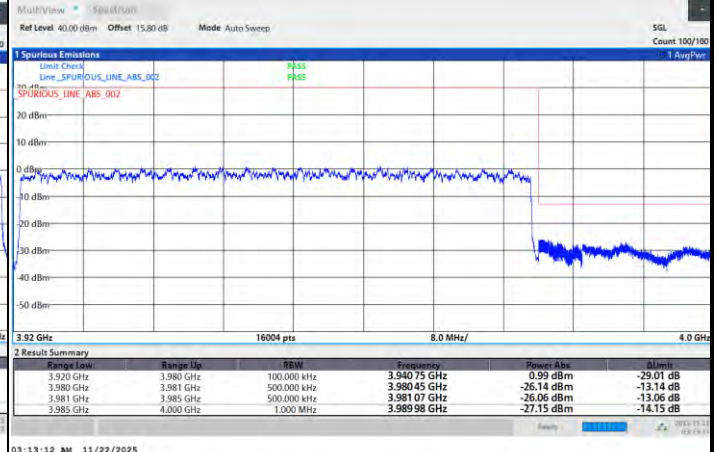
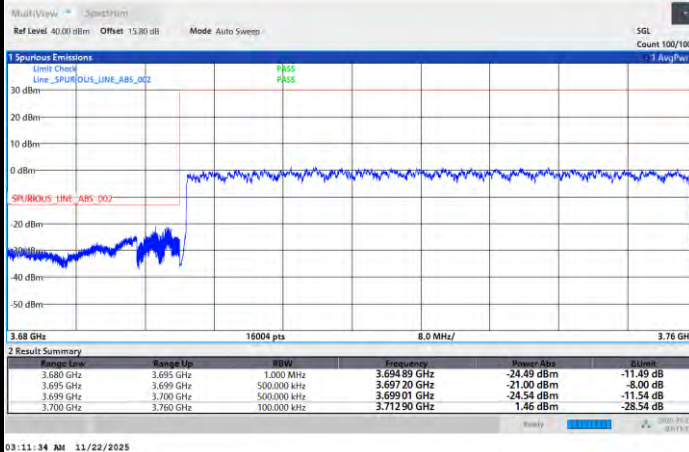




FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

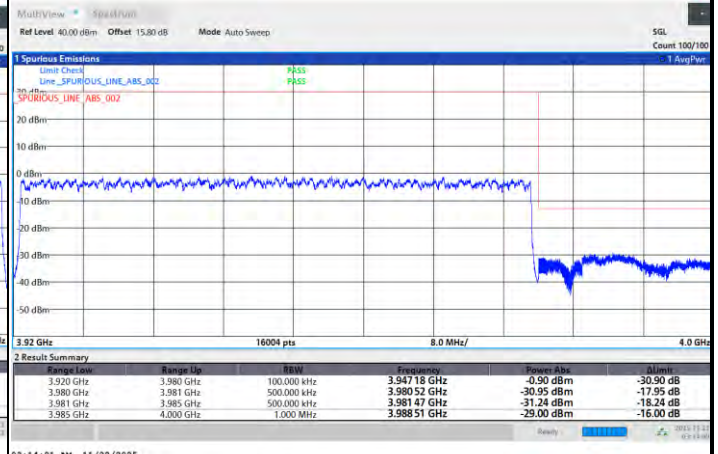
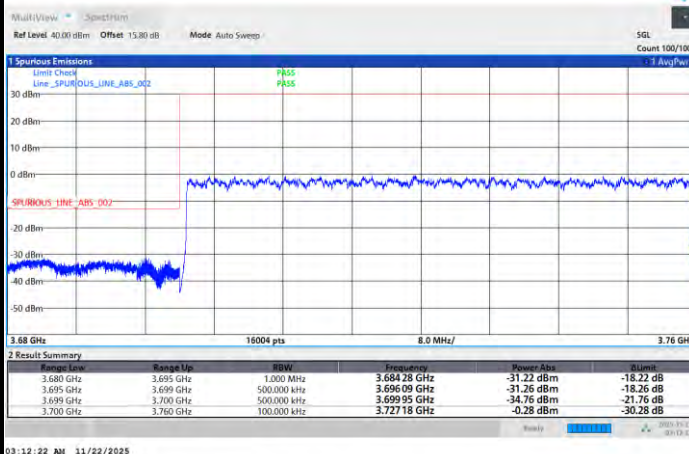
Highest Band Edge / Full RB



FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

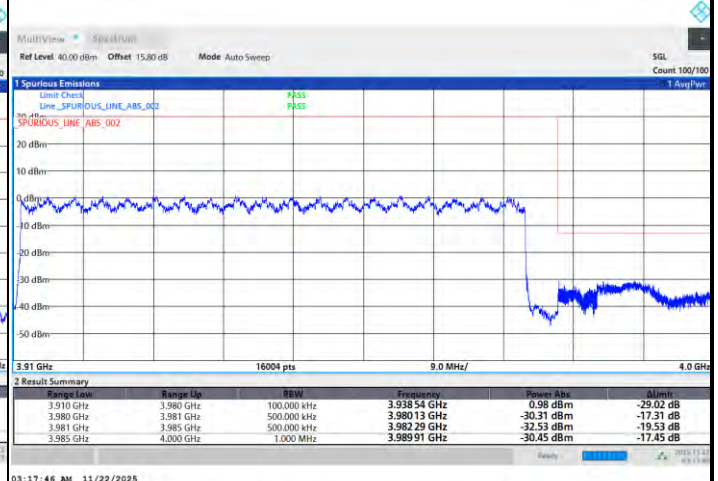
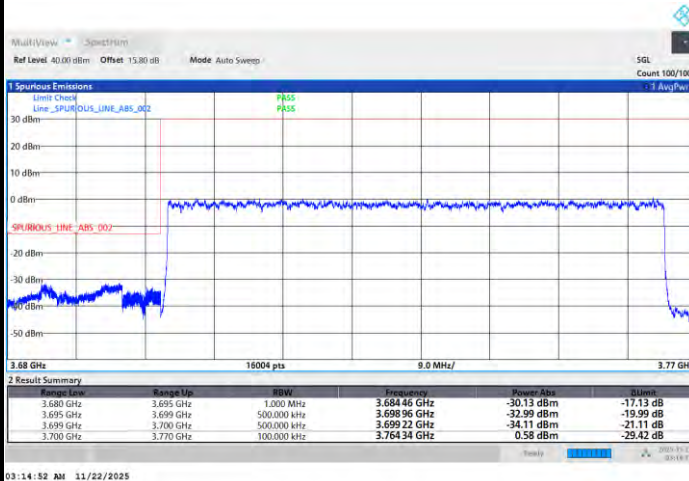




FR1 n77 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n77 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

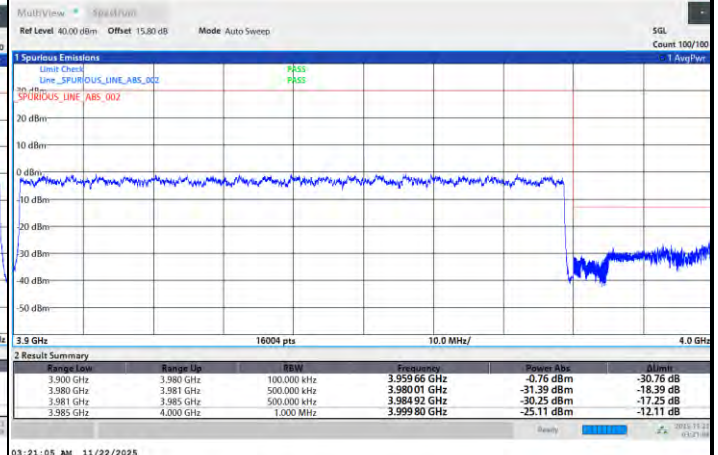
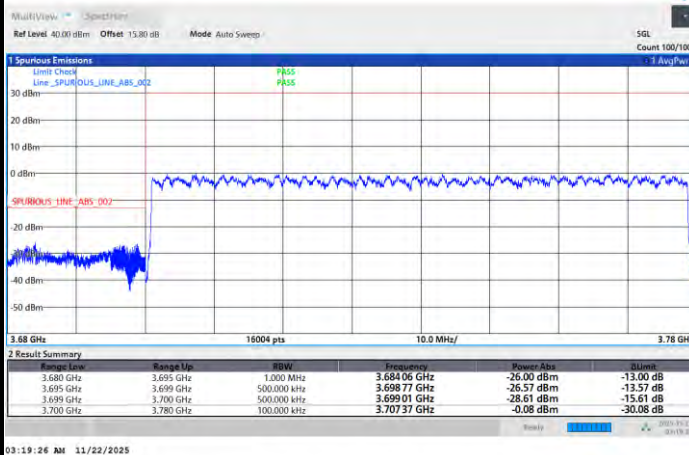




FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

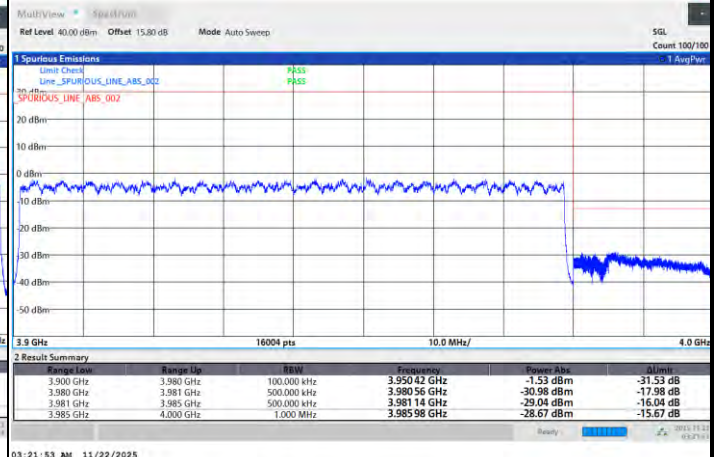
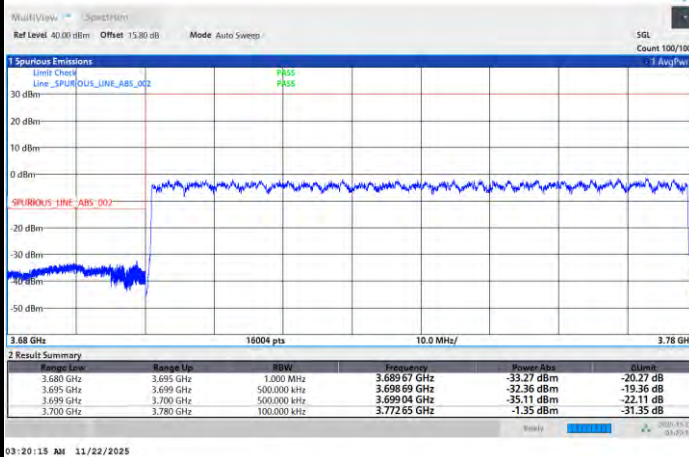
Highest Band Edge / Full RB



FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

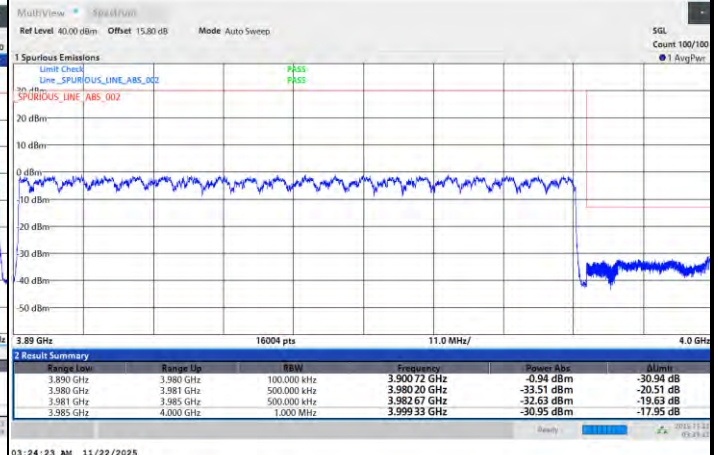




FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

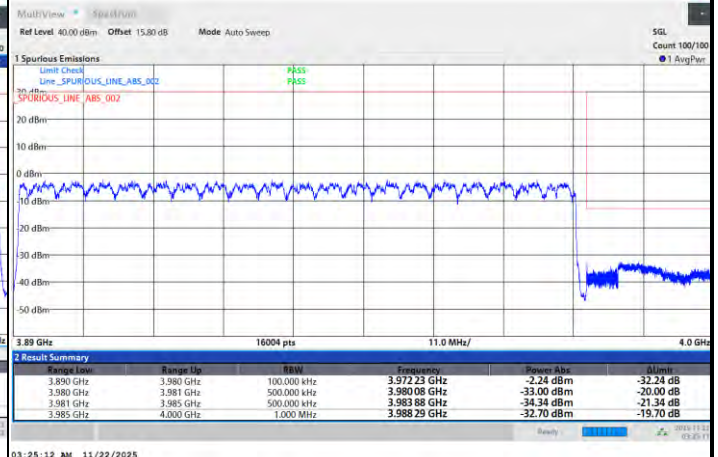
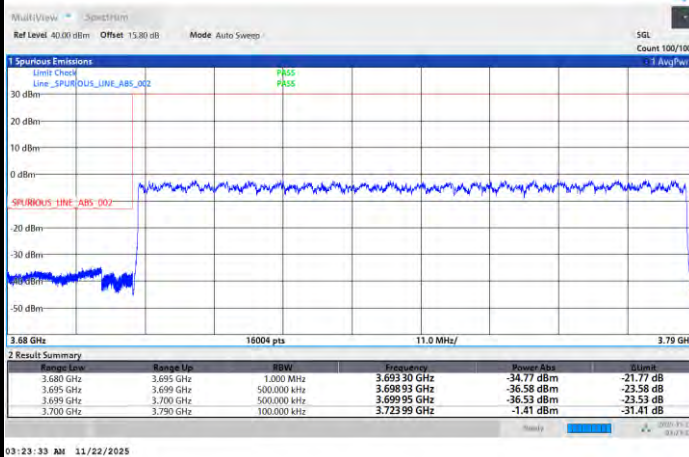
Highest Band Edge / Full RB



FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

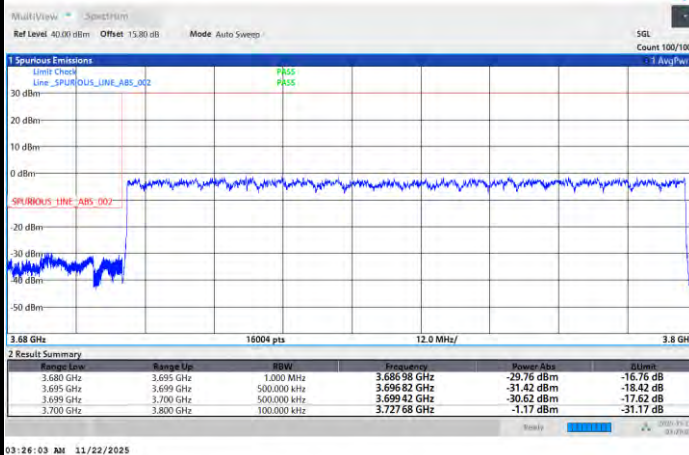




FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

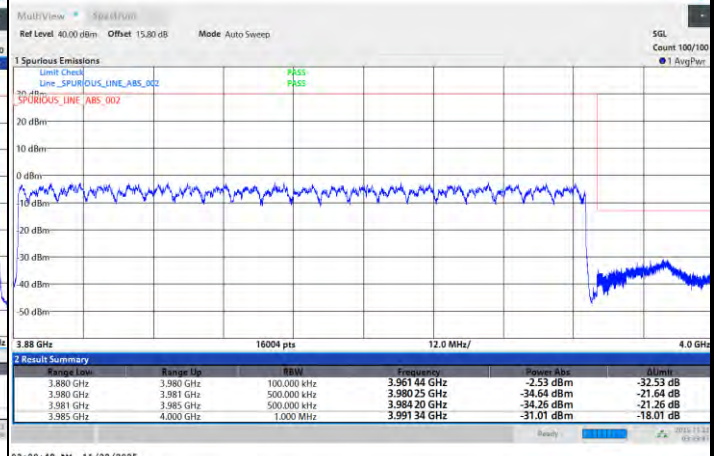
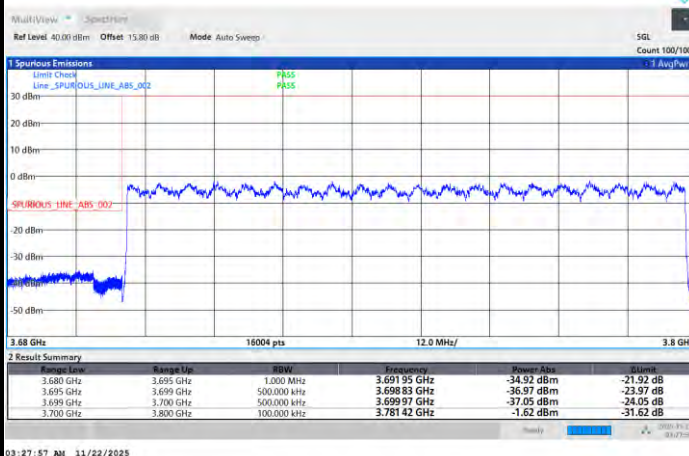
Highest Band Edge / Full RB



FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0048	-18.5	Yes	PASS
40	Normal Voltage	0.0043	-16.7	Yes	
30	Normal Voltage	0.0018	-6.9	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0019	-7.3	Yes	
0	Normal Voltage	0.0004	-1.5	Yes	
-10	Normal Voltage	0.0011	-4.2	Yes	
-20	Normal Voltage	0.0050	-19.1	Yes	
-30	Normal Voltage	0.0037	-14.3	Yes	
20	Maximum Voltage	0.0004	-1.4	Yes	
20	Normal Voltage	0.0025	-9.6	Yes	
20	Minimum Voltage	0.0020	-7.8	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

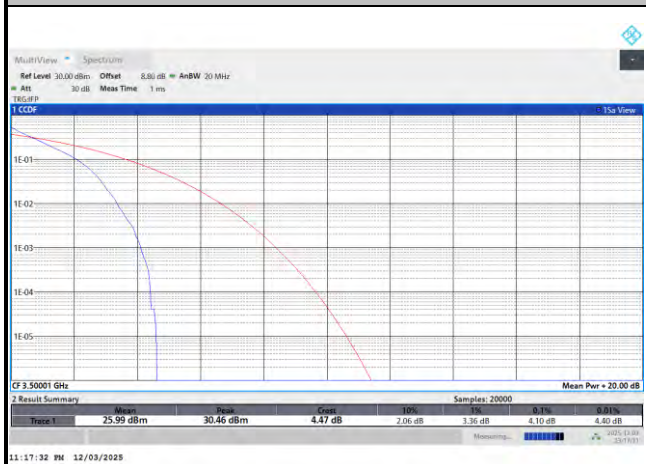
**FR1 n77_Part27Q****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.10	5.10	5.88	6.16	PASS
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.38				PASS

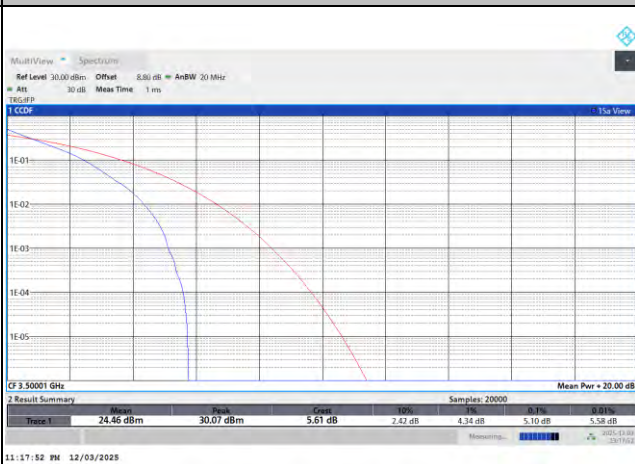


FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

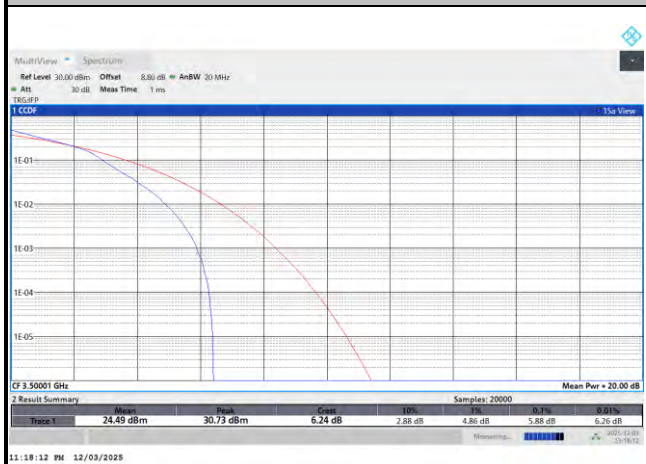
PI/2 BPSK



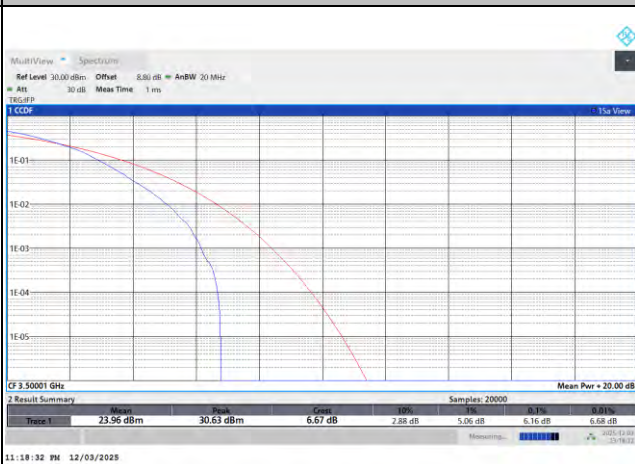
QPSK



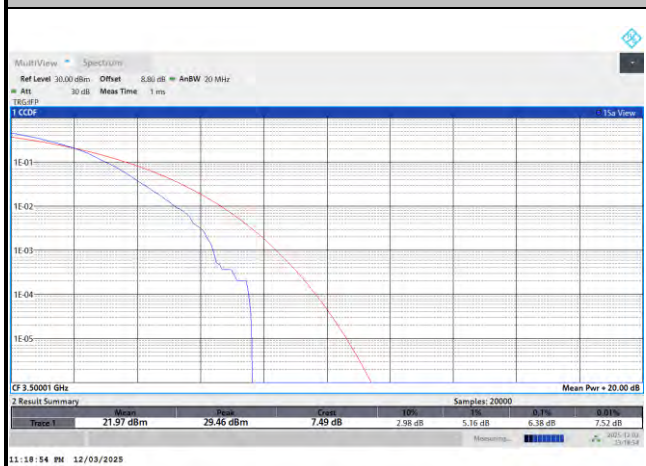
16QAM



64QAM



256QAM



Mode	FR1 n77 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.90	5.94	PASS
Mode	FR1 n77 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.86	PASS
Mode	FR1 n77 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.02	5.70	PASS
Mode	FR1 n77 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	5.80	PASS
Mode	FR1 n77 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.14	5.96	PASS
Mode	FR1 n77 / 50MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.96	5.76	PASS



Mode	FR1 n77 / 60MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.64	PASS
Mode	FR1 n77 / 70MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.04	5.86	PASS
Mode	FR1 n77 / 80MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.06	6.00	PASS



Mode	FR1 n77 / 90MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	6.02	PASS
Mode	FR1 n77 / 100MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.02	5.84	PASS

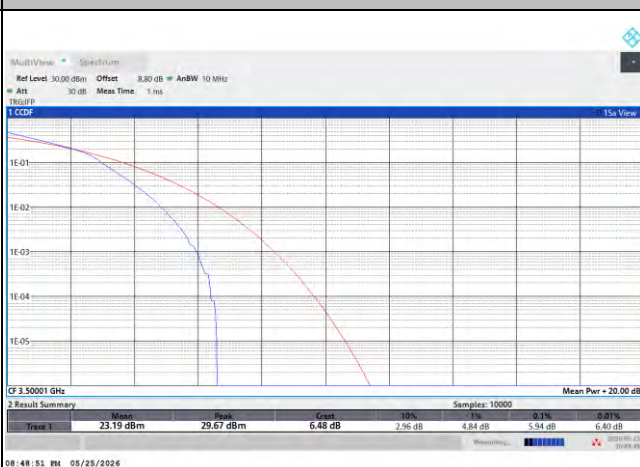


FR1 n77 / 10MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

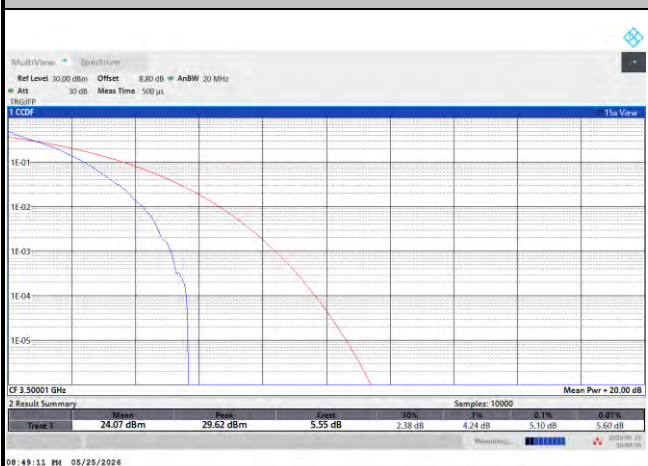


16QAM



FR1 n77 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

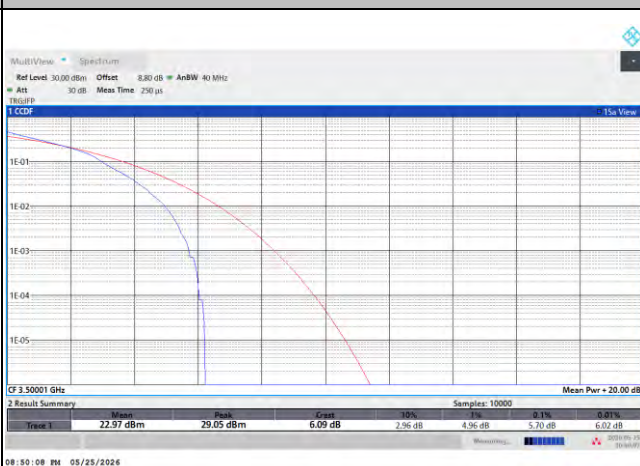


FR1 n77 / 25MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



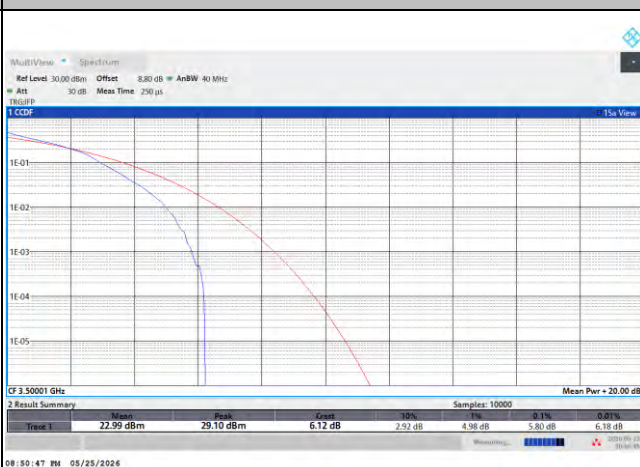


FR1 n77 / 30MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

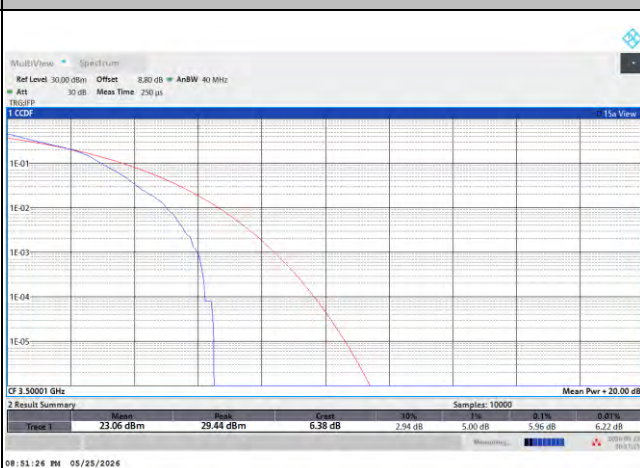


FR1 n77 / 40MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

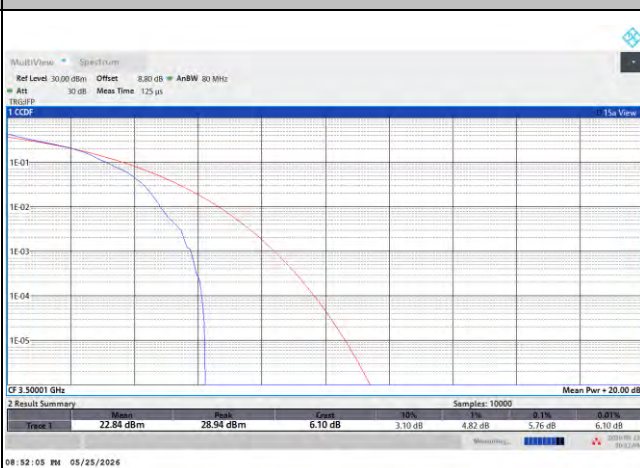


FR1 n77 / 50MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM





FR1 n77 / 60MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n77 / 70MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

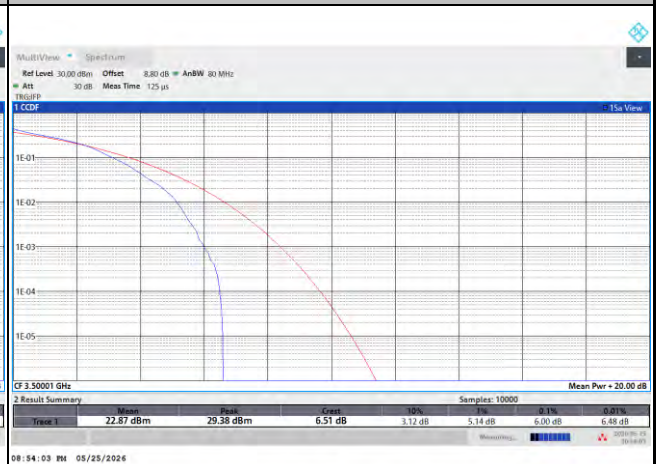


FR1 n77 / 80MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



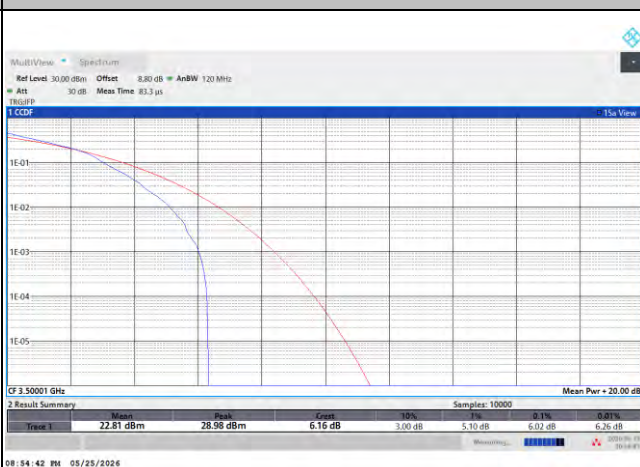


FR1 n77 / 90MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n77 / 100MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

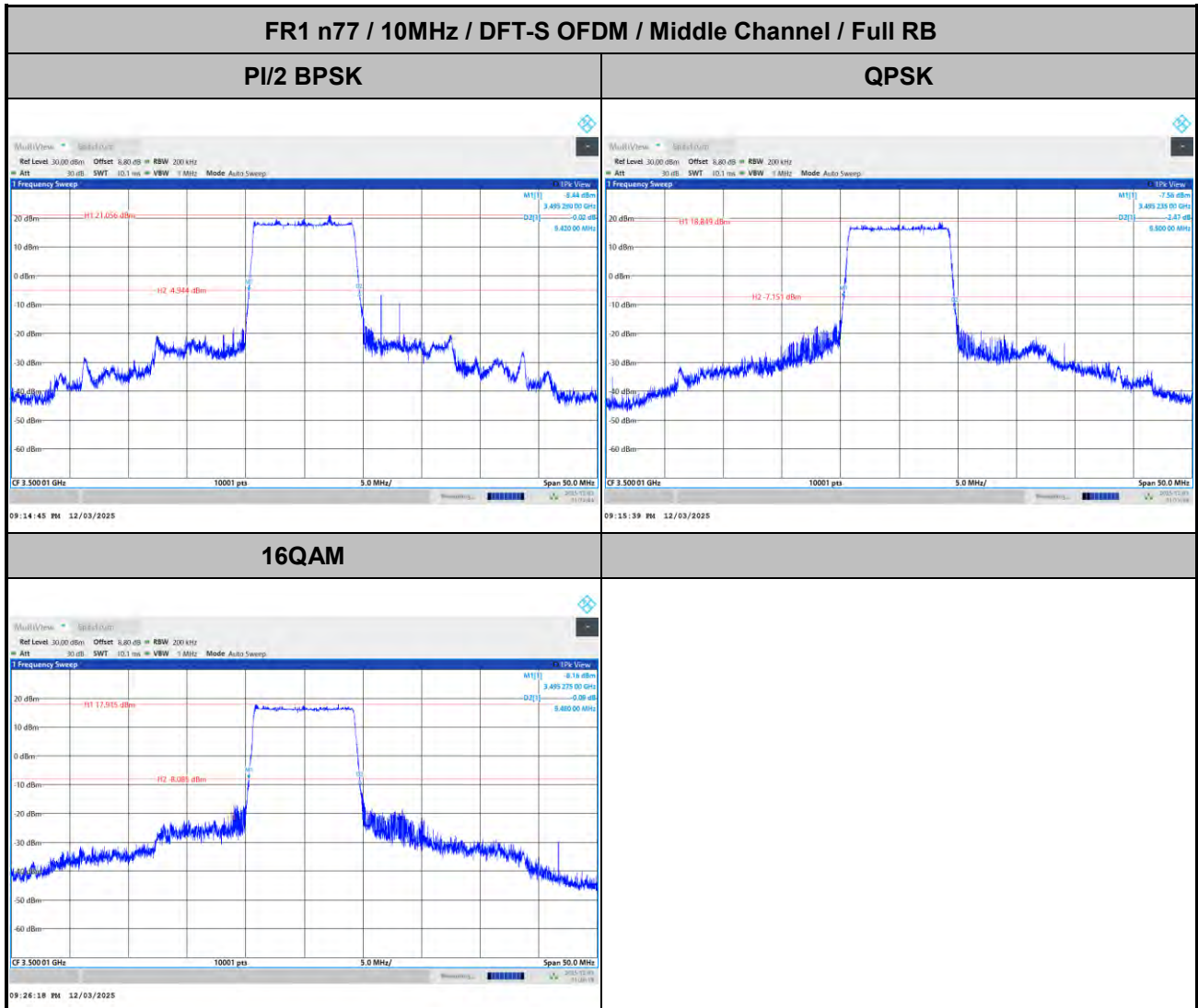


16QAM



**26dB Bandwidth**

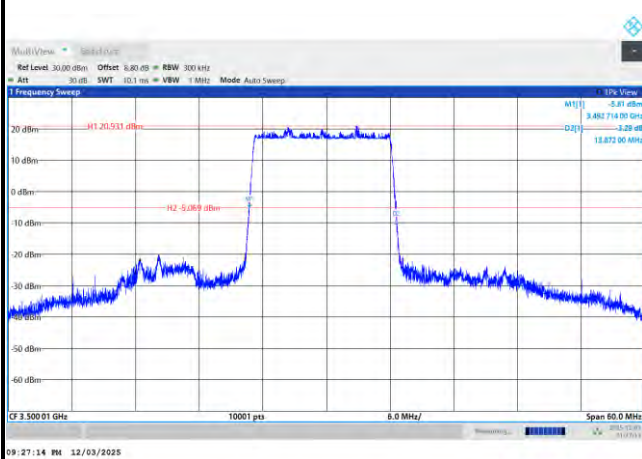
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	9.42	9.50	13.87	13.98	19.29	19.22	24.30	24.96
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	9.48		13.92		19.27		24.28	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.34	29.52	38.30	38.33	48.43	48.51	62.76	62.88
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.33		38.34		48.39		62.71	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	69.27	69.20	82.21	82.34	92.02	91.91	101.59	101.61
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	69.20		82.21		91.83		101.49	



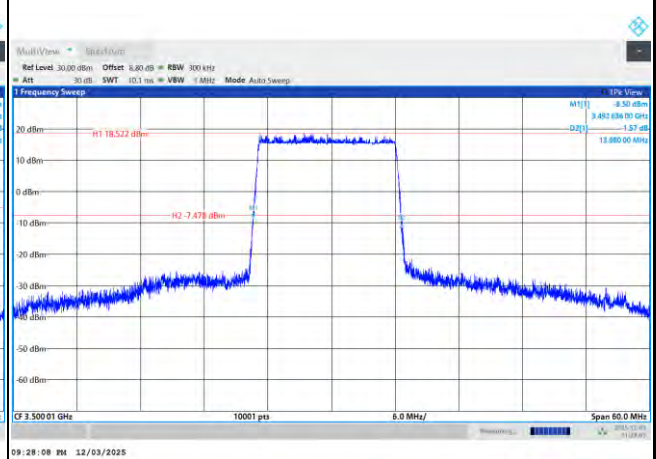


FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

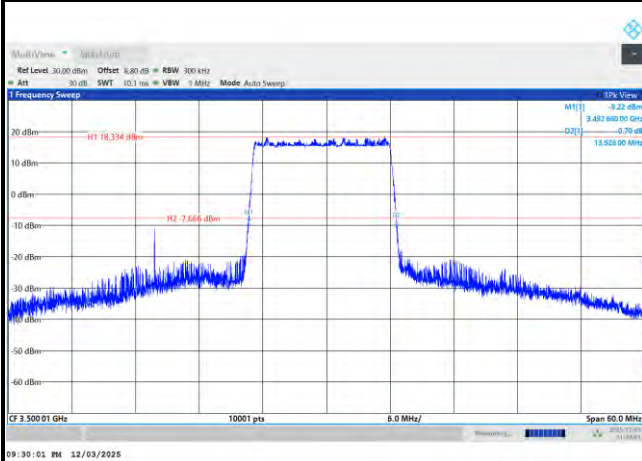
PI/2 BPSK



QPSK



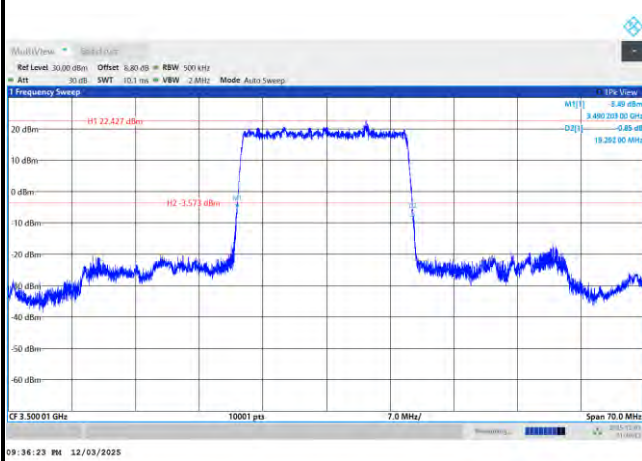
16QAM



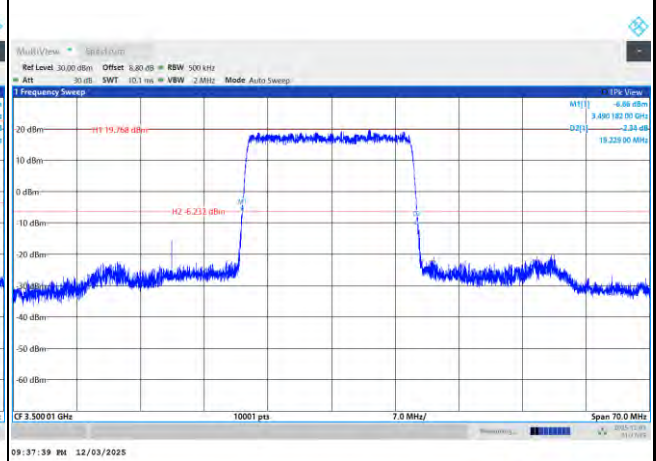


FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

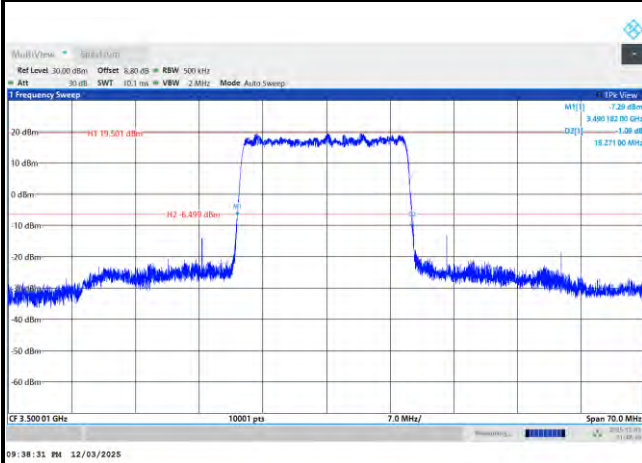
PI/2 BPSK



QPSK



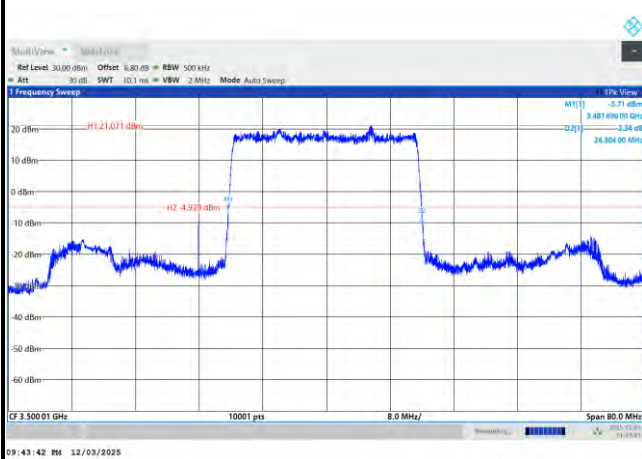
16QAM



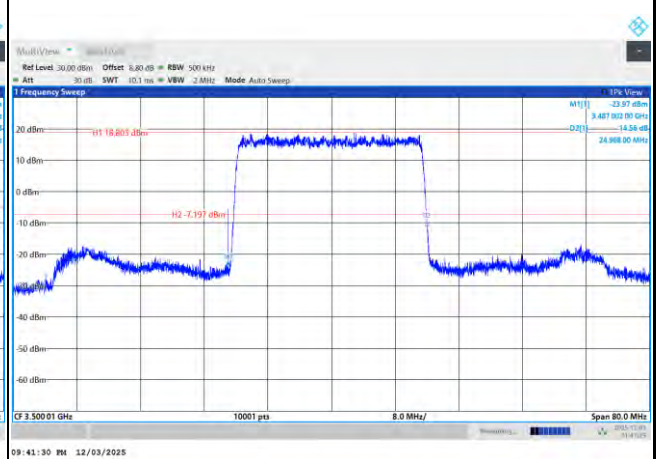


FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

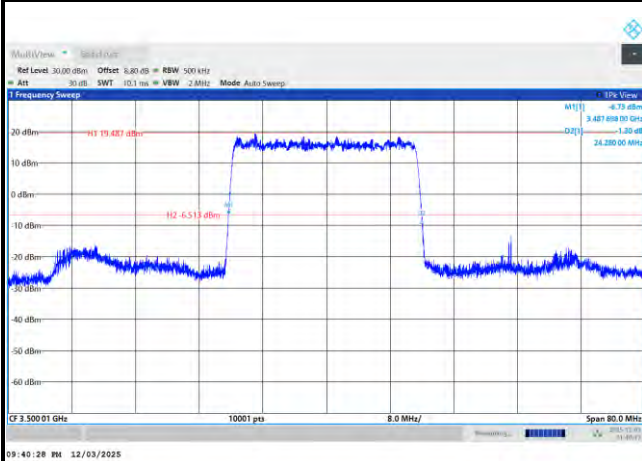
PI/2 BPSK



QPSK



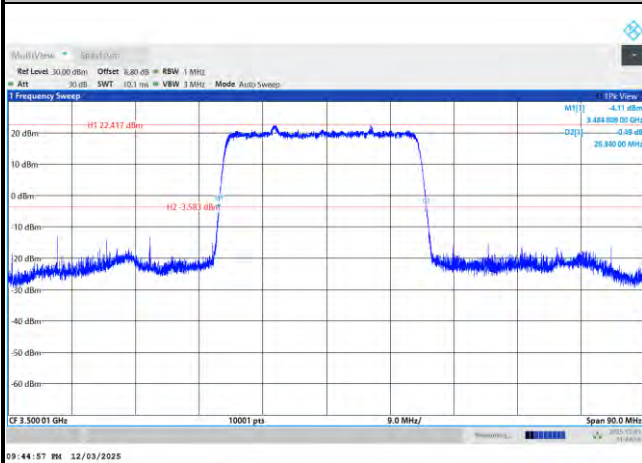
16QAM



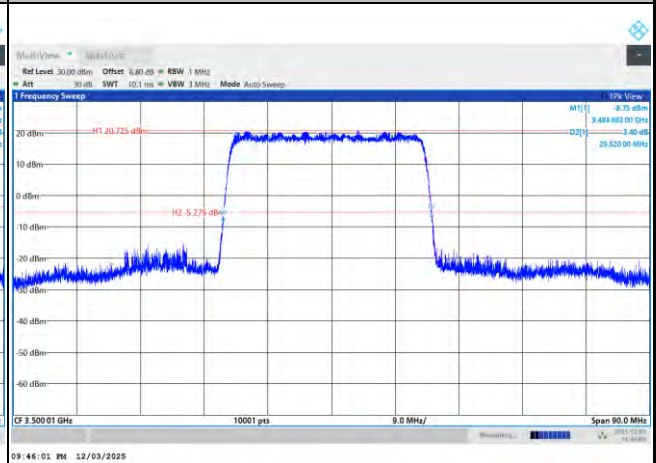


FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

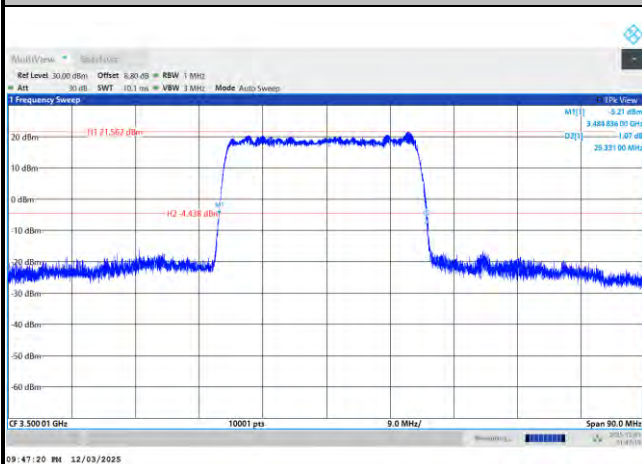
PI/2 BPSK



QPSK



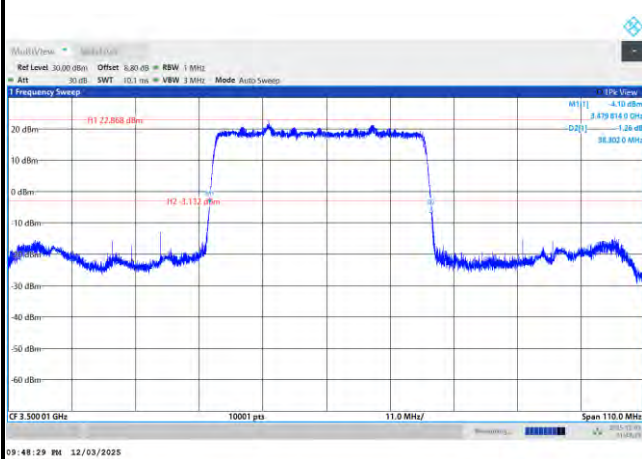
16QAM



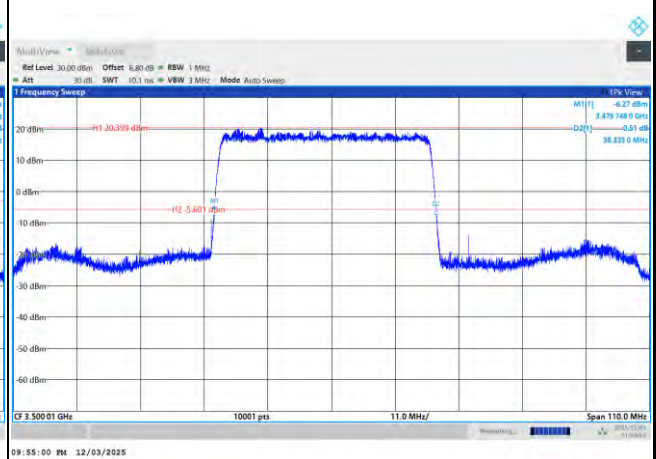


FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

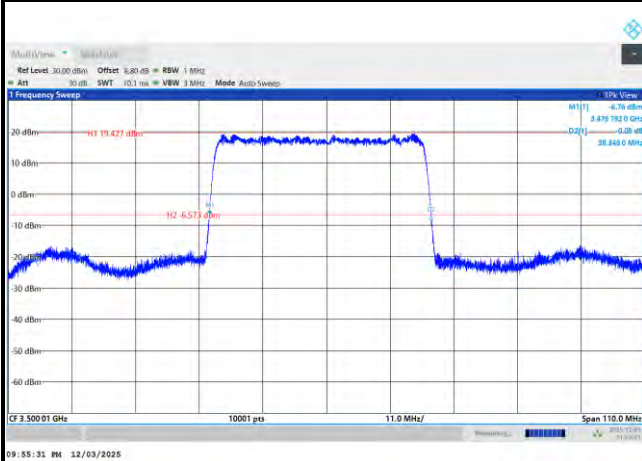
PI/2 BPSK



QPSK



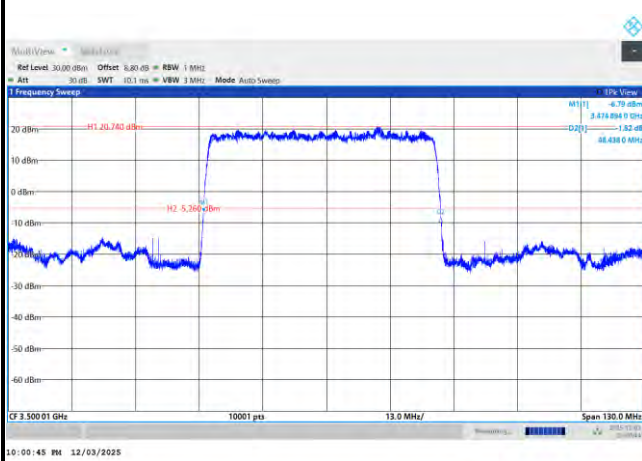
16QAM



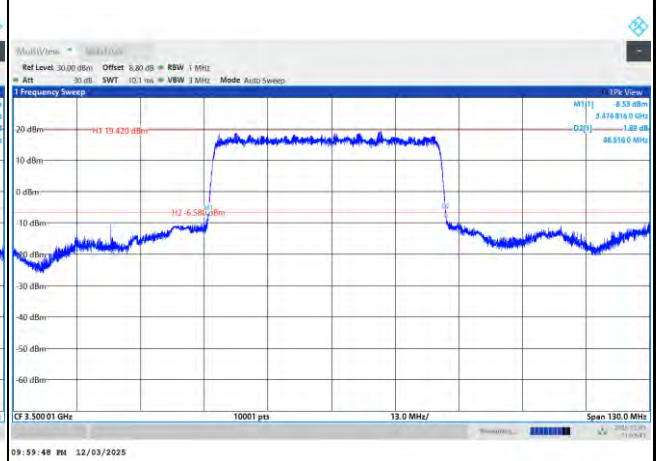


FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

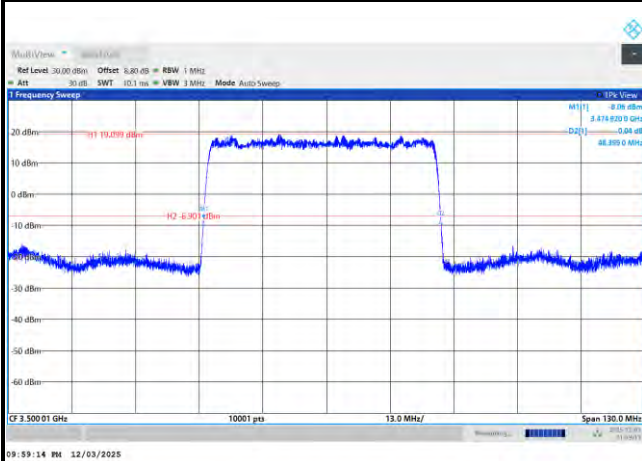
PI/2 BPSK



QPSK



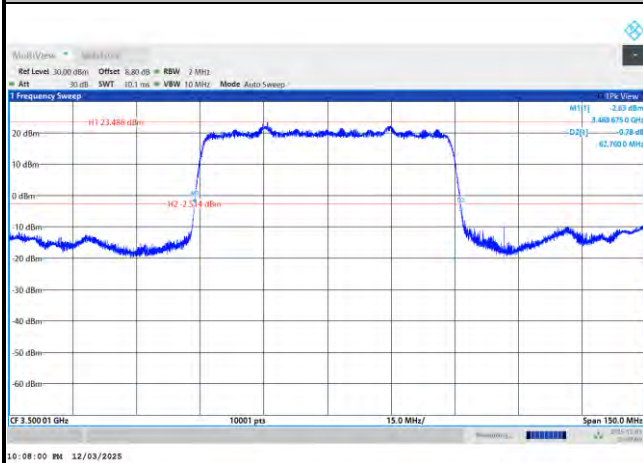
16QAM



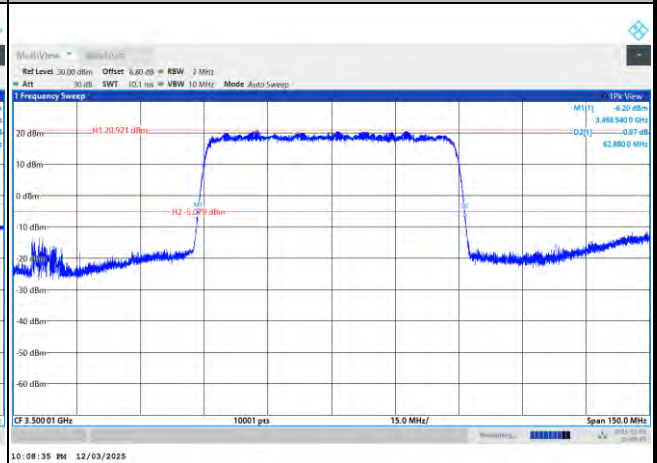


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

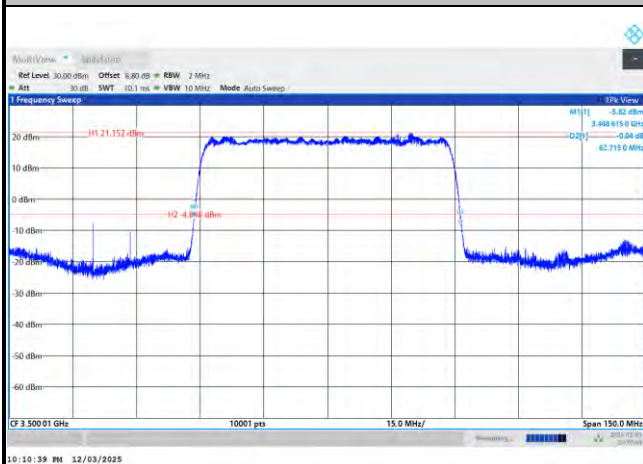
PI/2 BPSK



QPSK



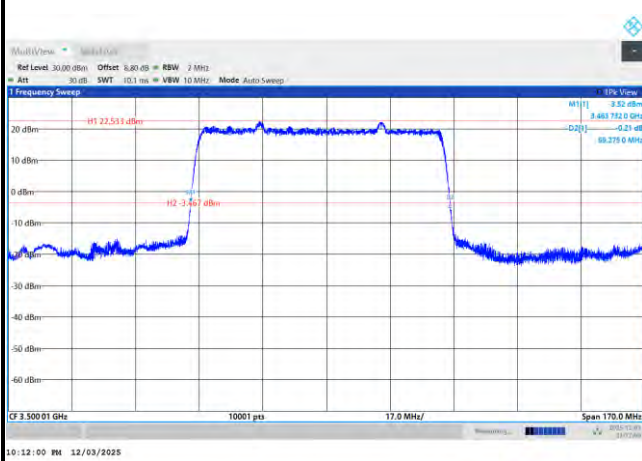
16QAM



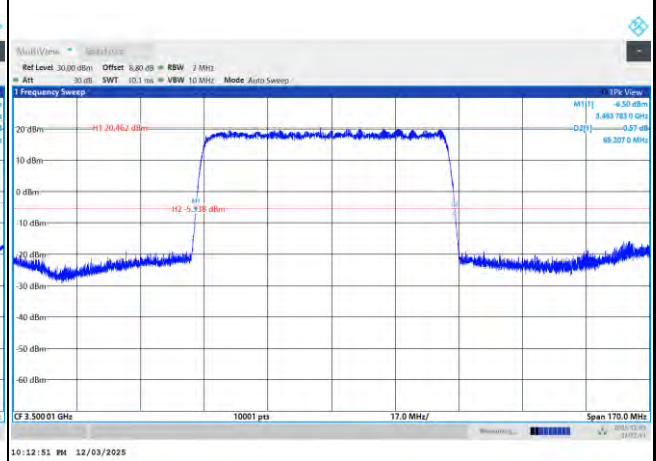


FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

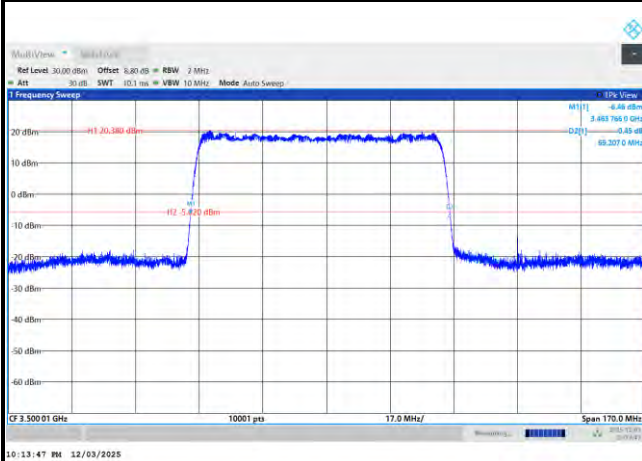
PI/2 BPSK

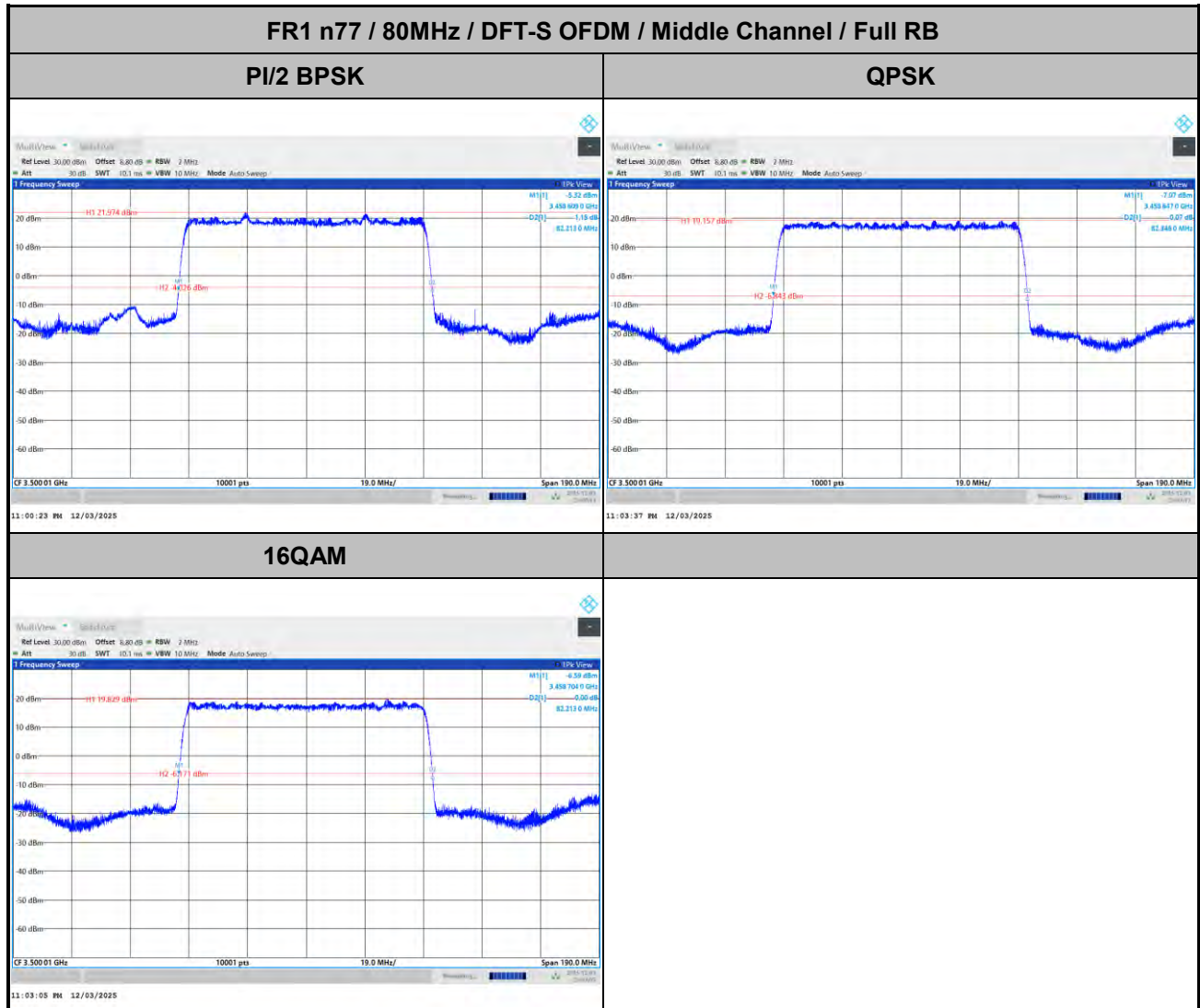


QPSK



16QAM

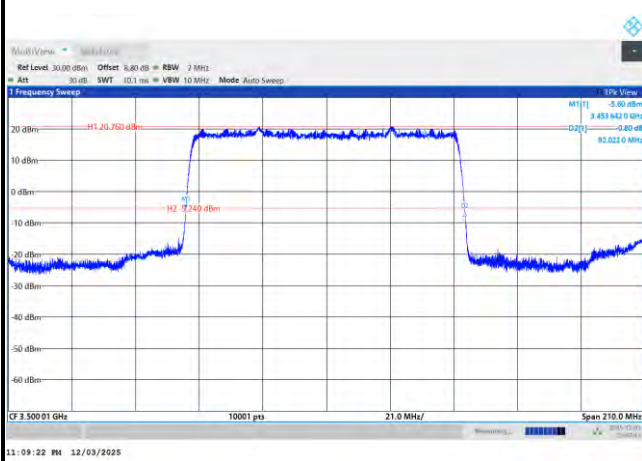




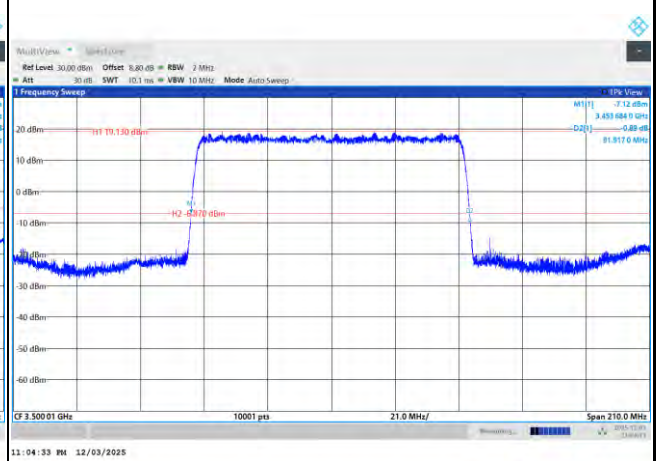


FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

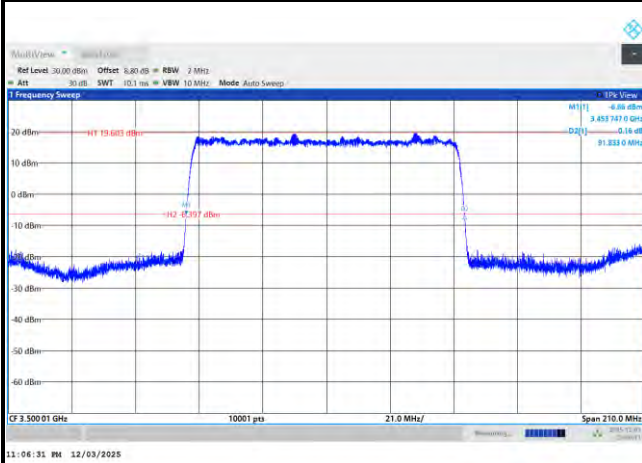
PI/2 BPSK

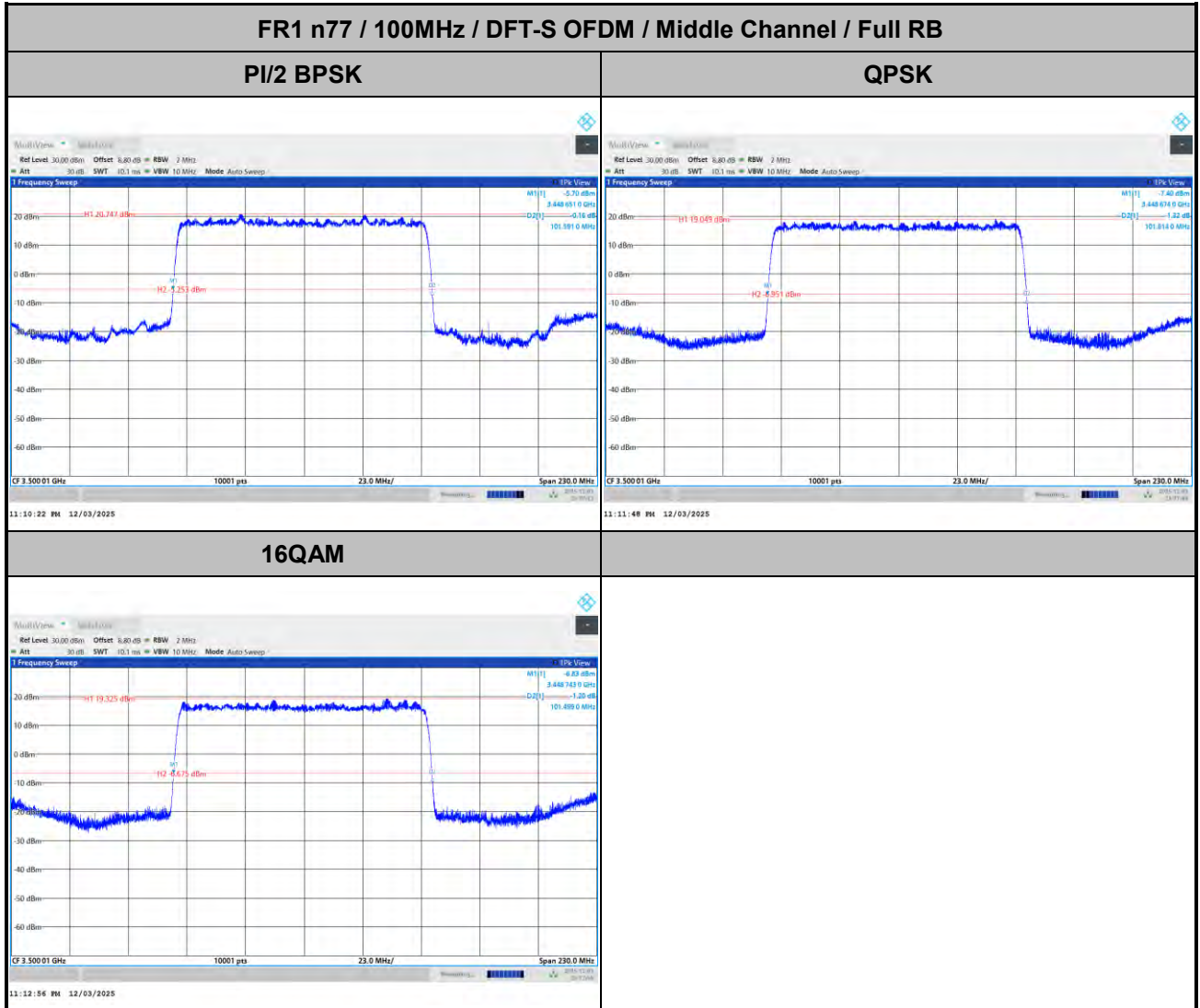


QPSK



16QAM





**Occupied Bandwidth**

Mode	FR1 n77 : 99%OBW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	8.65	8.66	12.95	12.98	18.12	18.01	23.02	23.01
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.62		12.94		18.01		22.96	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.19	27.20	36.04	36.10	45.77	45.88	58.34	58.47
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.11		35.93		45.91		58.39	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	64.98	64.67	77.70	77.50	87.02	86.92	96.73	96.34
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	64.70		77.50		86.99		96.54	

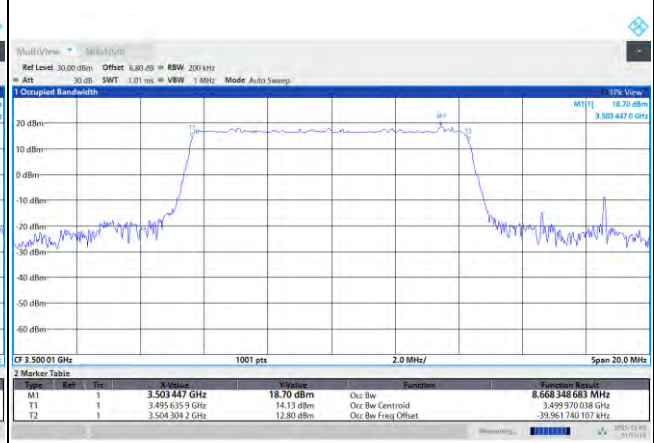


FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

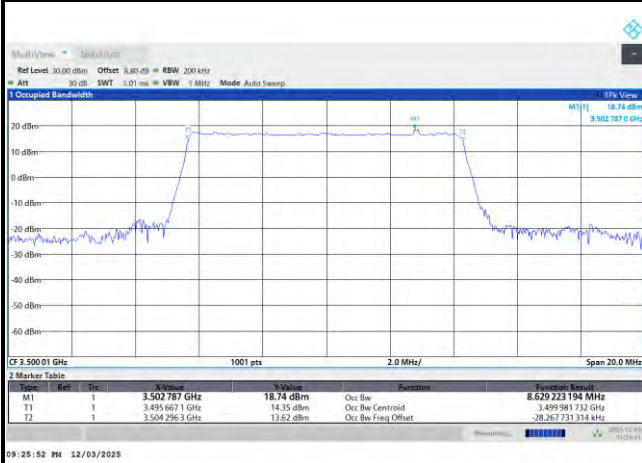
PI/2 BPSK



QPSK



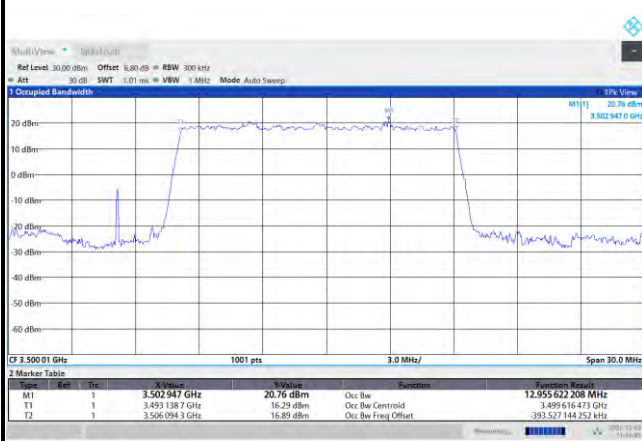
16QAM





FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



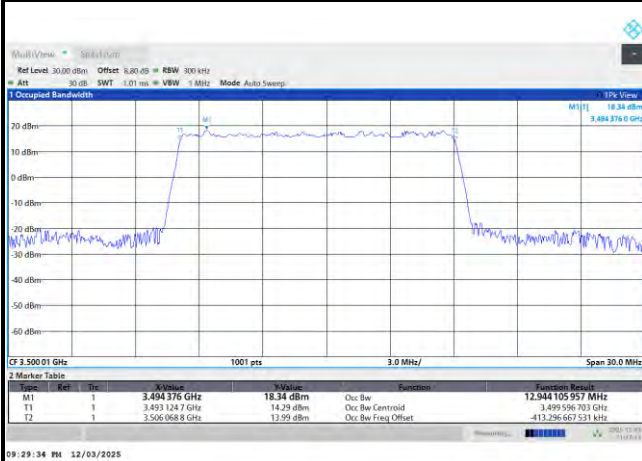
09:26:48 PM 12/03/2025

QPSK



09:27:42 PM 12/03/2025

16QAM



09:29:34 PM 12/03/2025



FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



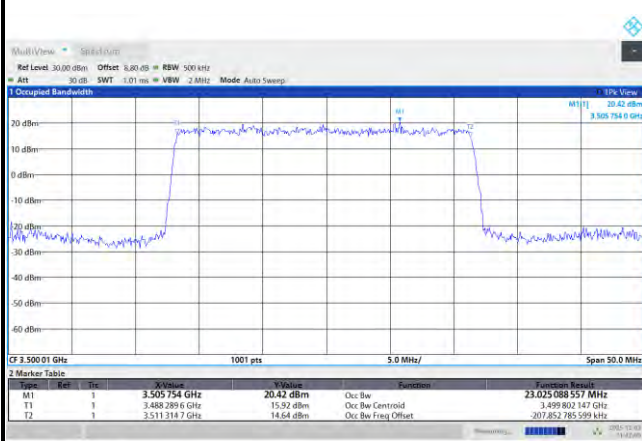
16QAM





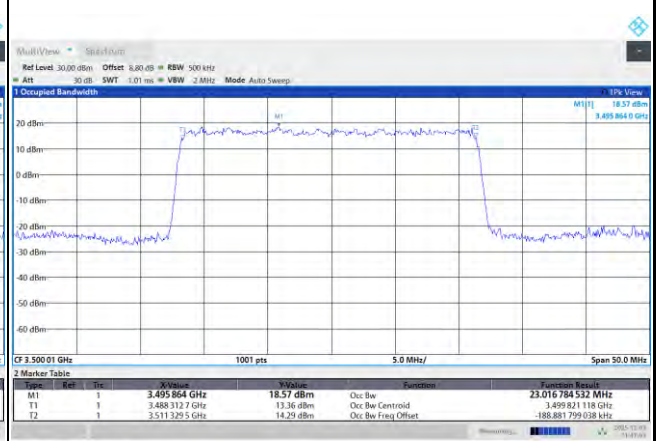
FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



09:42:01 PM 12/03/2025

QPSK



09:41:03 PM 12/03/2025

16QAM



09:40:01 PM 12/03/2025



FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



09:44:23 PM 12/03/2025

QPSK



09:45:26 PM 12/03/2025

16QAM



09:46:51 PM 12/03/2025



FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



09:48:00 PM 12/03/2025

QPSK



09:54:34 PM 12/03/2025

16QAM



09:56:03 PM 12/03/2025



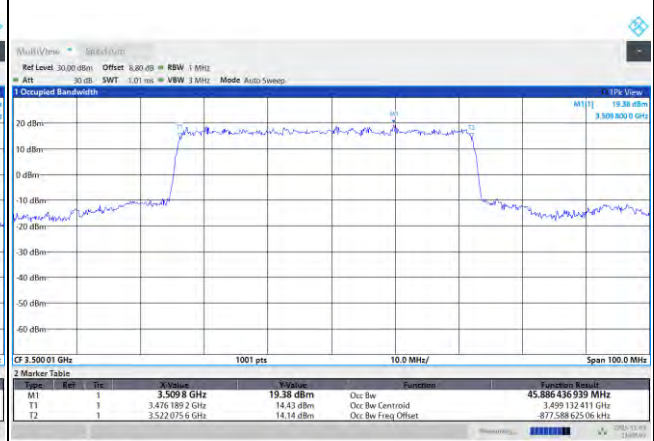
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



10:01:05 PM 12/03/2025

QPSK



10:00:08 PM 12/03/2025

16QAM

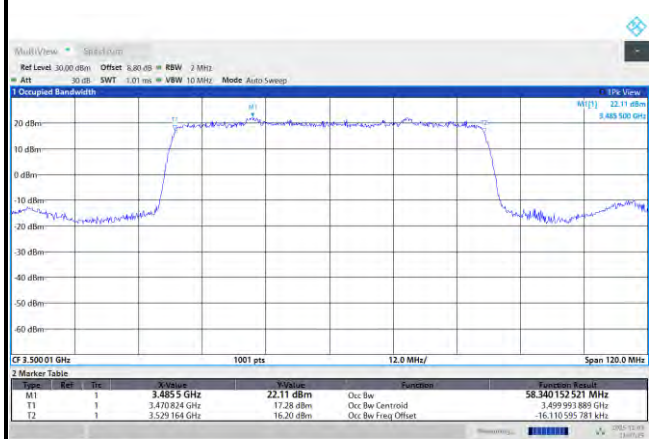


09:56:57 PM 12/03/2025



FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



10:07:30 PM 12/03/2025

QPSK



10:09:10 PM 12/03/2025

16QAM

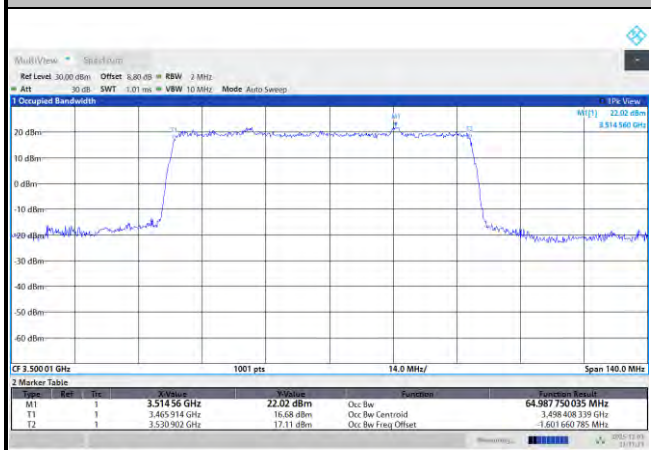


10:10:11 PM 12/03/2025



FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



10:11:23 PM 12/03/2025

QPSK



10:12:22 PM 12/03/2025

16QAM



10:13:18 PM 12/03/2025



FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



10:58:39 PM 12/03/2025

QPSK



11:01:34 PM 12/03/2025

16QAM



11:02:20 PM 12/03/2025



FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



11:08:31 PM 12/03/2025

QPSK



11:07:28 PM 12/03/2025

16QAM



11:07:02 PM 12/03/2025



FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



11:13:54 PM 12/03/2025

QPSK



11:10:51 PM 12/03/2025

16QAM



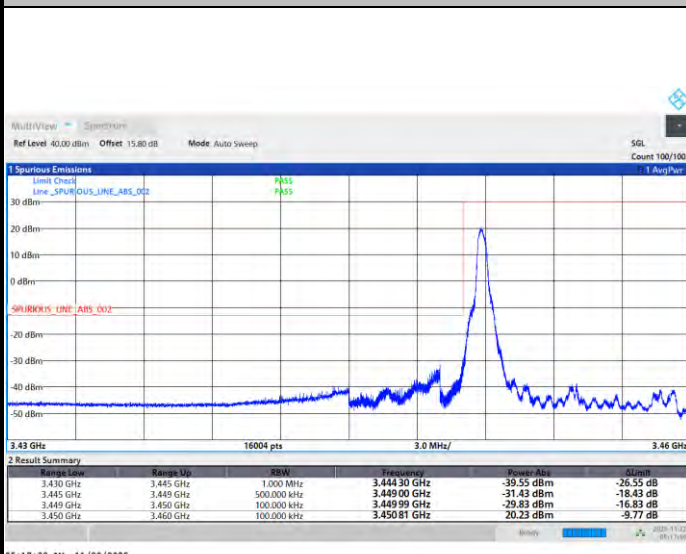
11:14:21 PM 12/03/2025



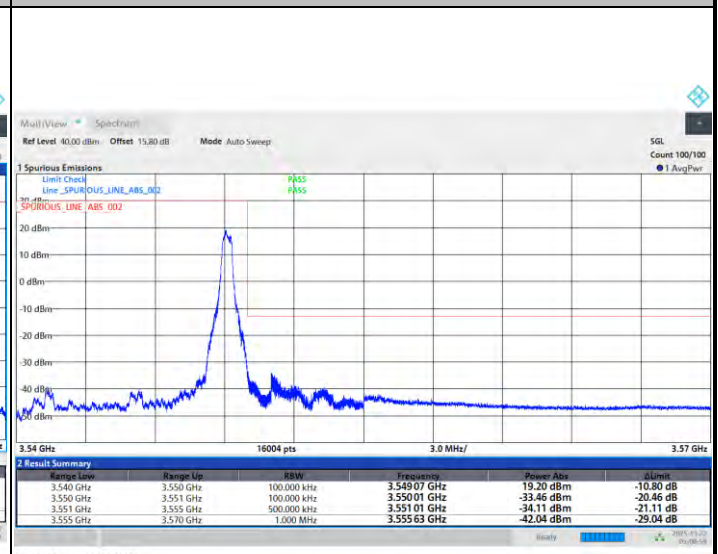
Conducted Band Edge

FR1 n77 / 10MHz / DFT-S OFDM / PI/2 BPSK

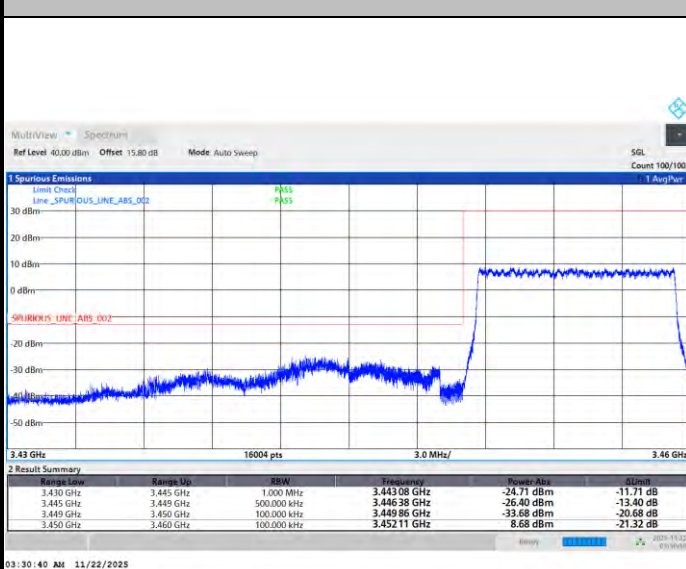
Lowest Band Edge / 1RB0



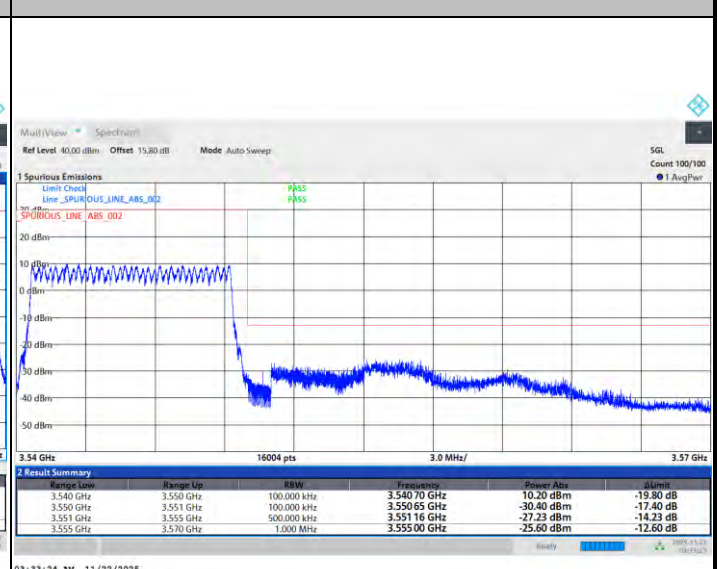
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

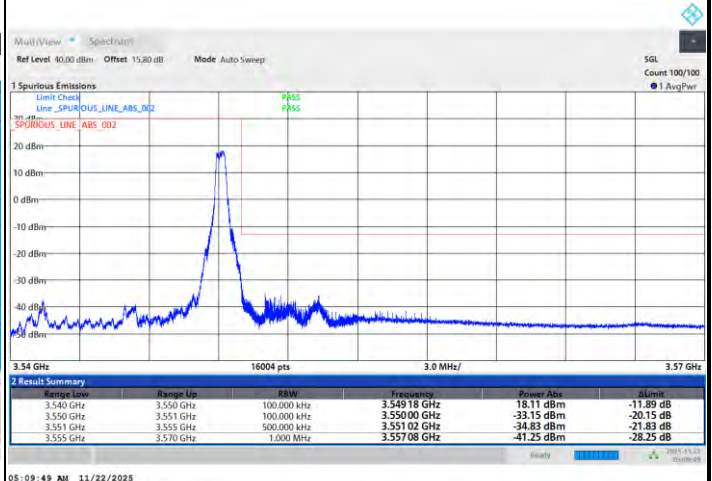
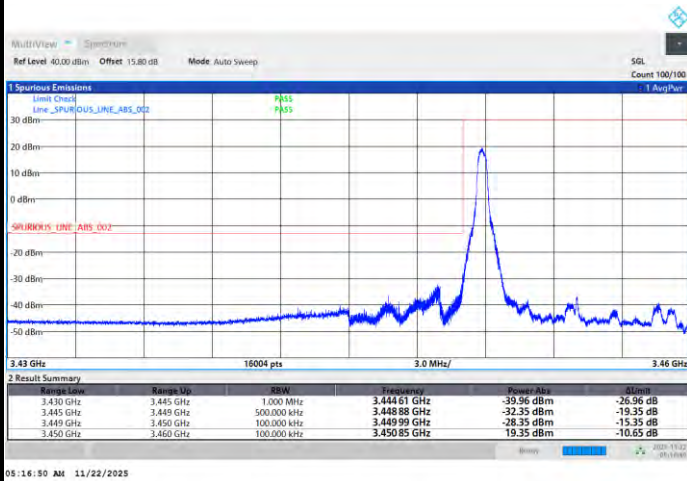




FR1 n77 / 10MHz / DFT-S OFDM / QPSK

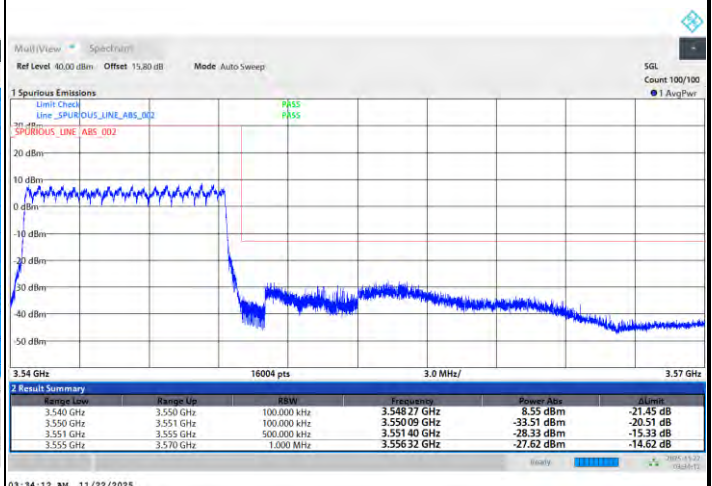
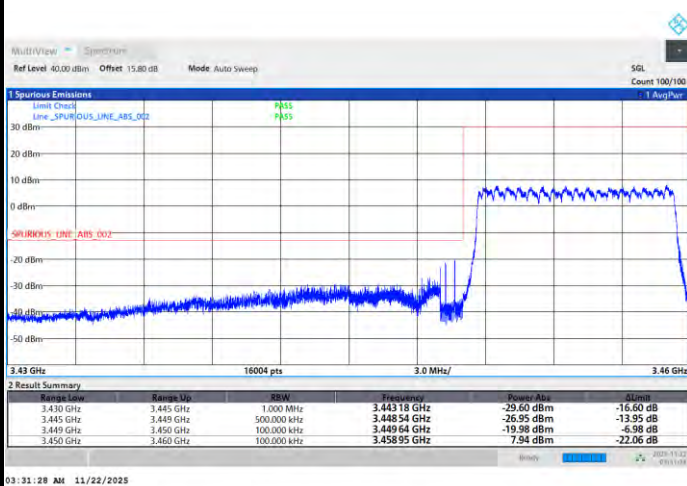
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

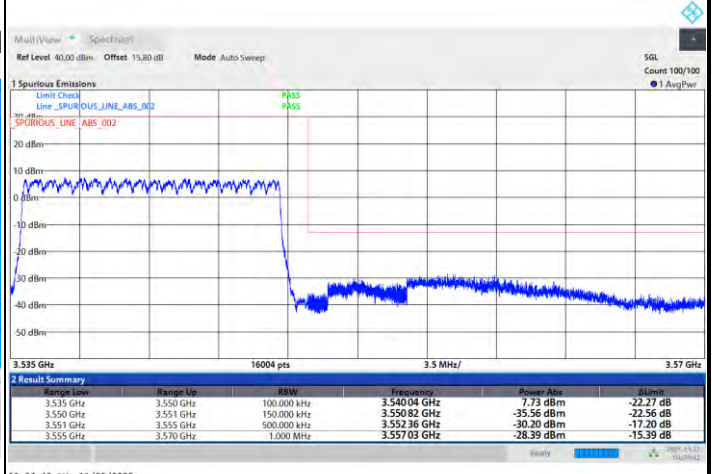
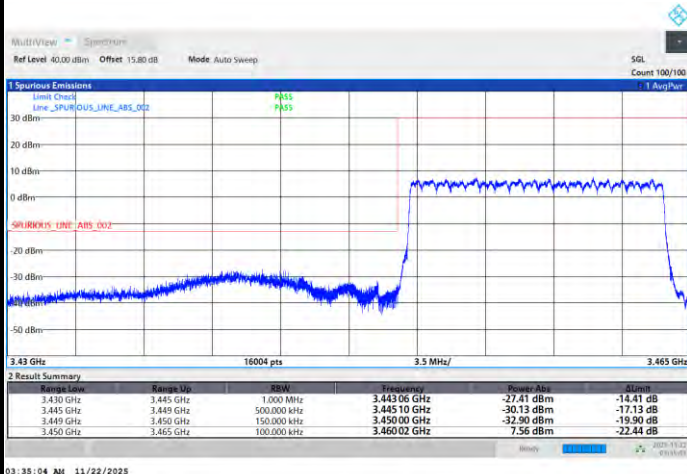




FR1 n77 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

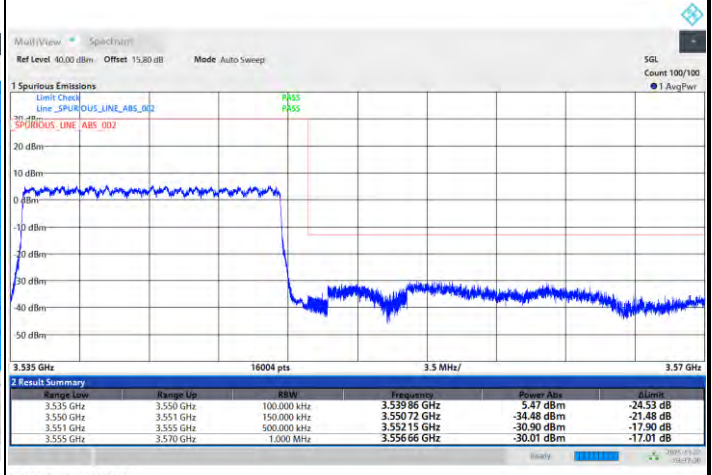
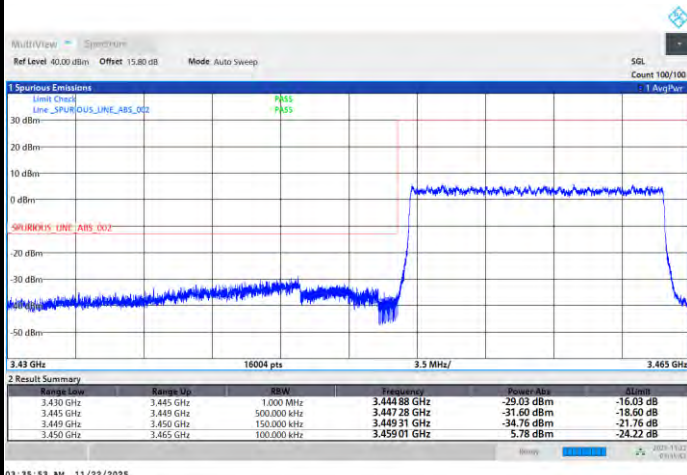
Highest Band Edge / Full RB



FR1 n77 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

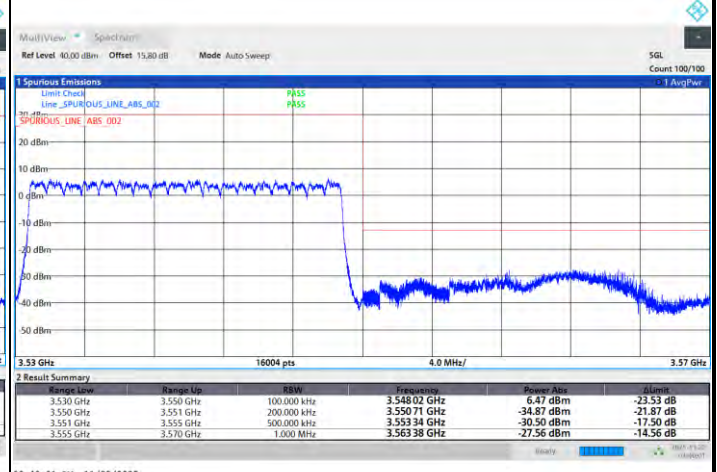
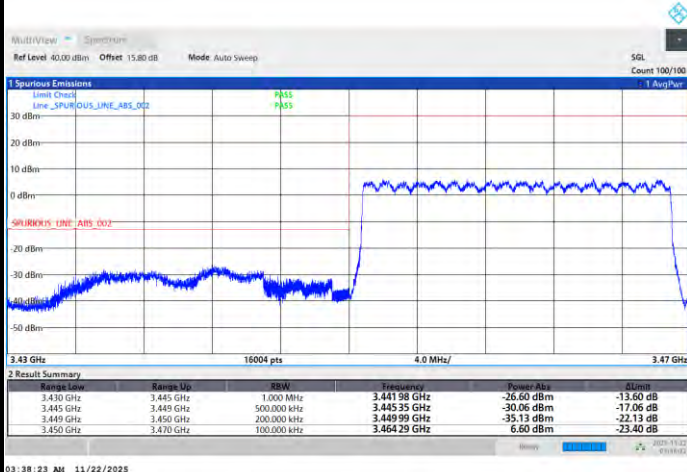




FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

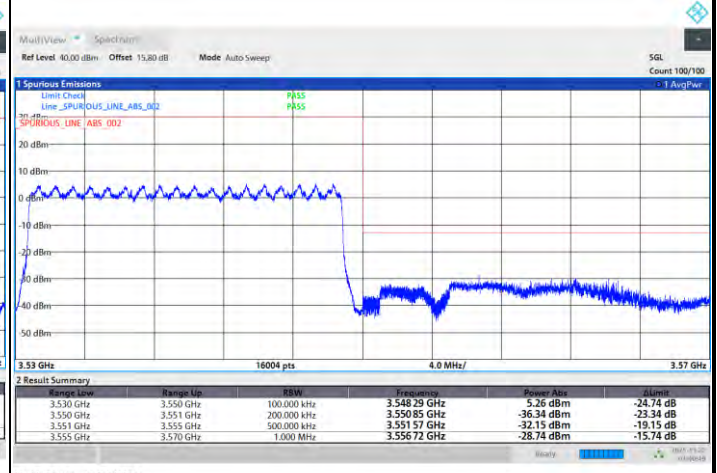
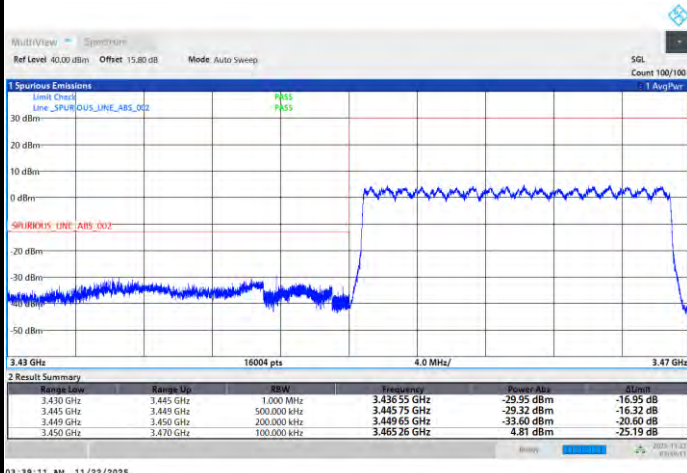
Highest Band Edge / Full RB



FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

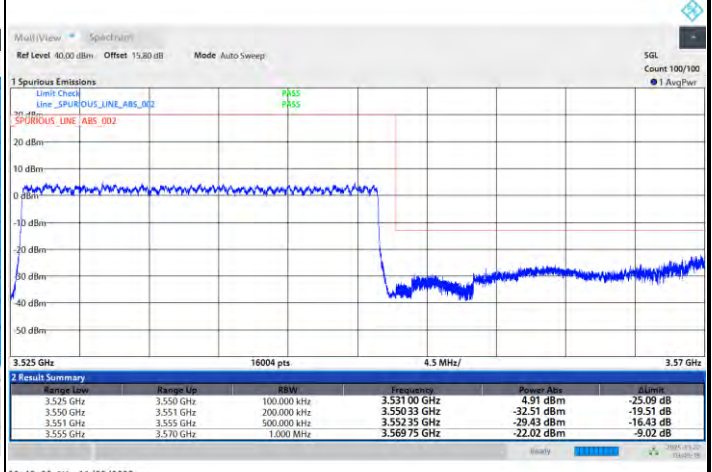
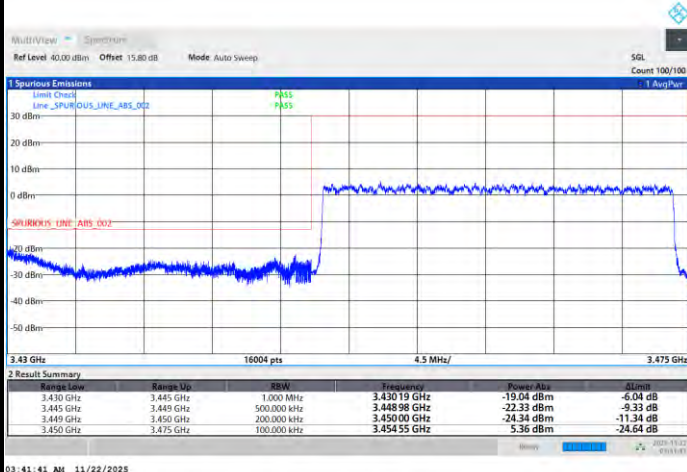




FR1 n77 / 25MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

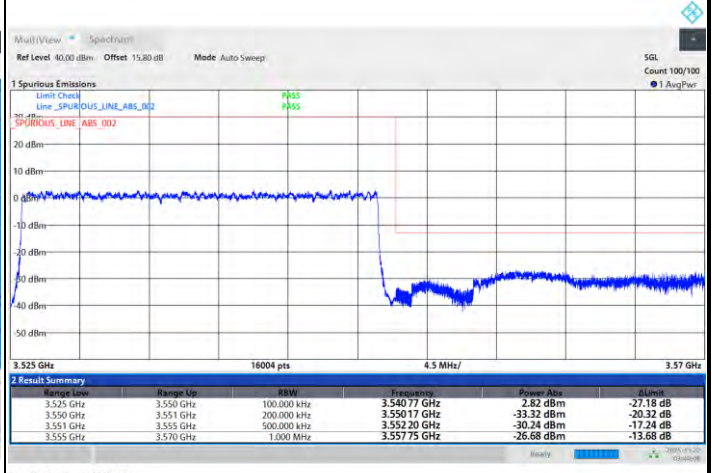
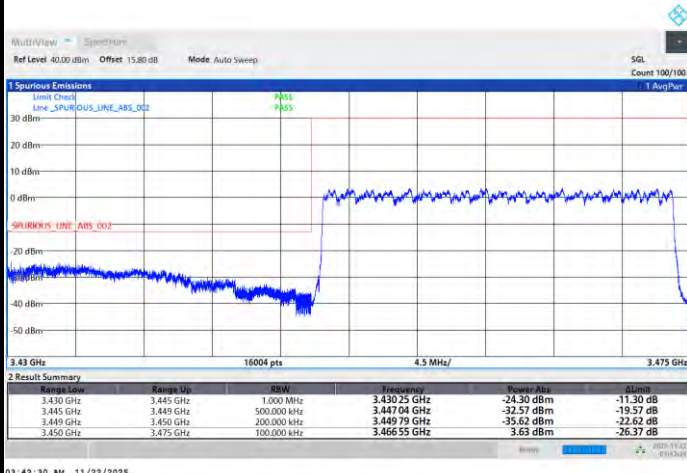
Highest Band Edge / Full RB



FR1 n77 / 25MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

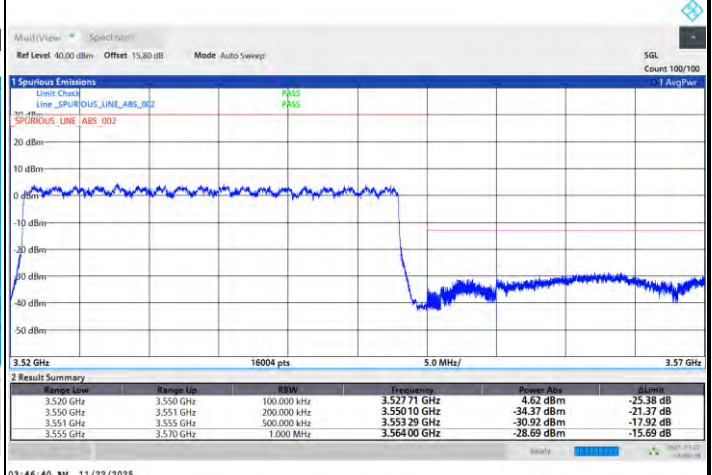
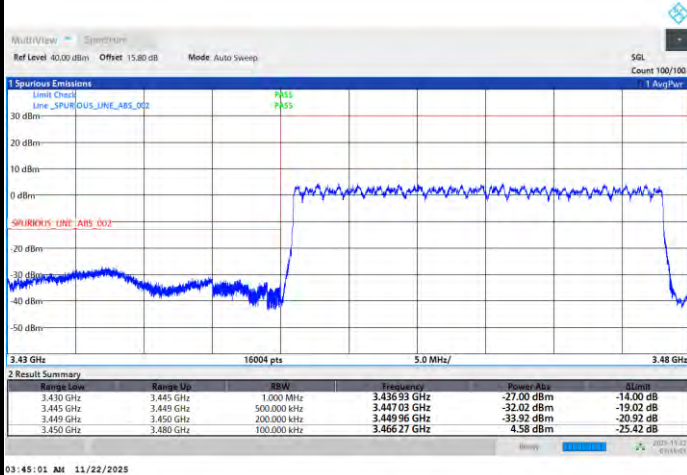




FR1 n77 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

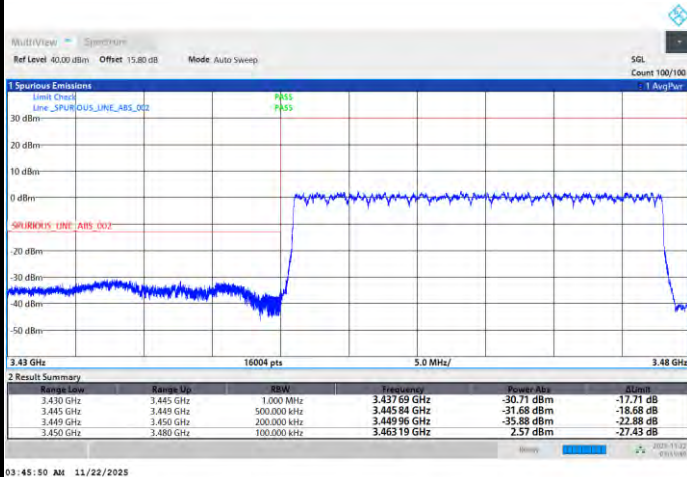
Highest Band Edge / Full RB



FR1 n77 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

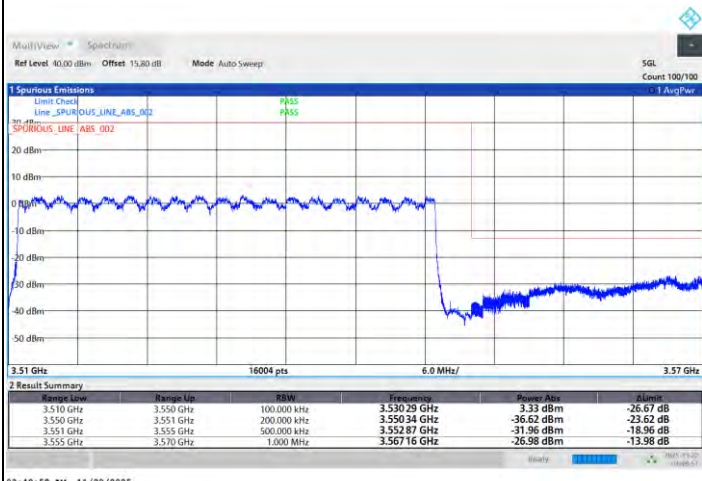
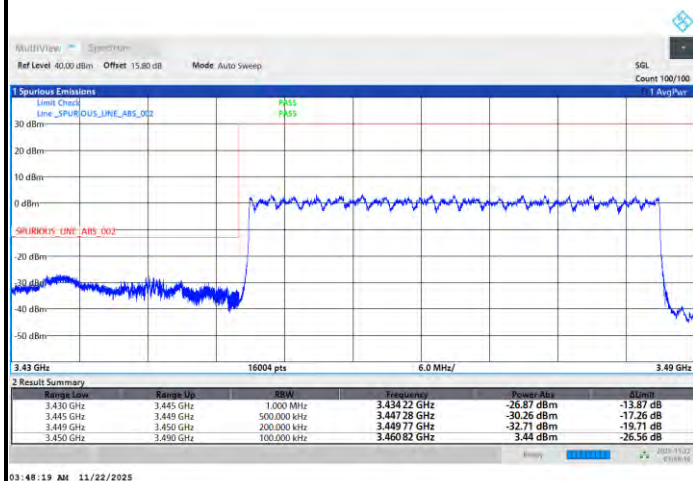




FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

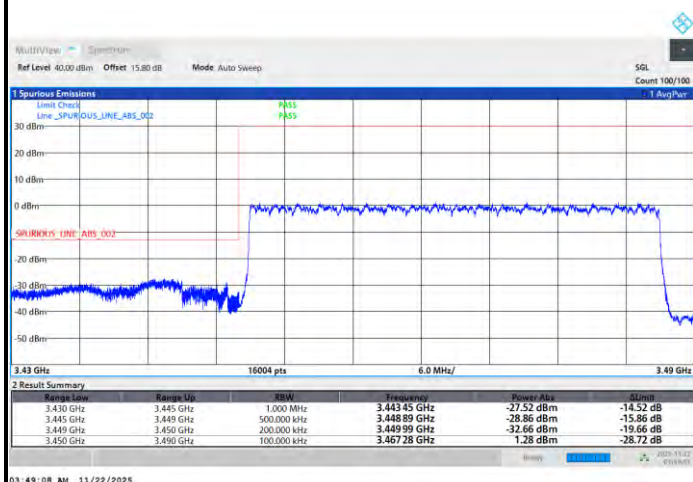
Highest Band Edge / Full RB



FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

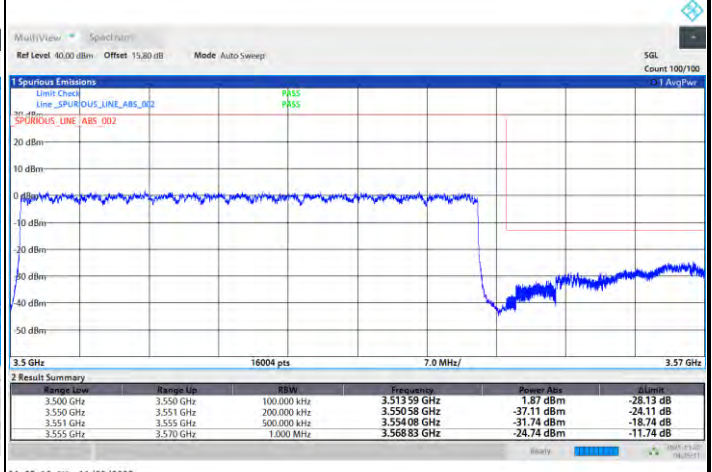
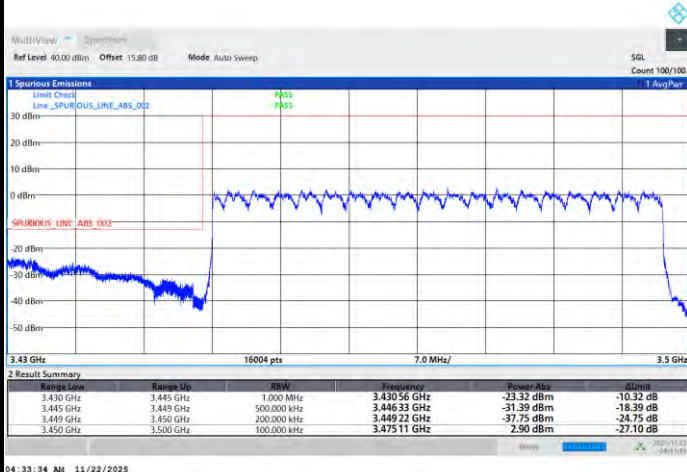




FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

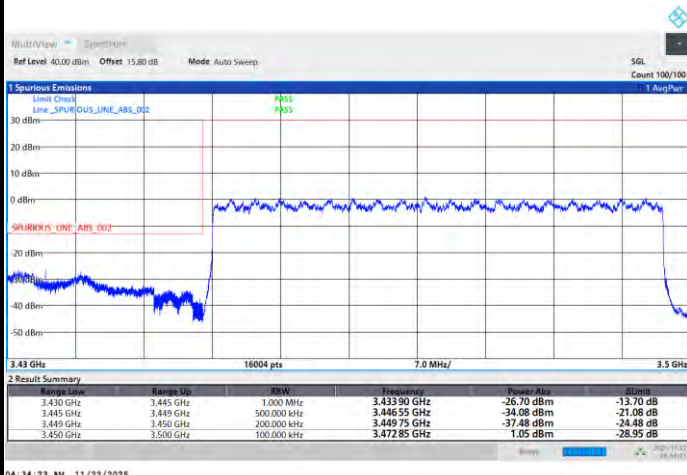
Highest Band Edge / Full RB



FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

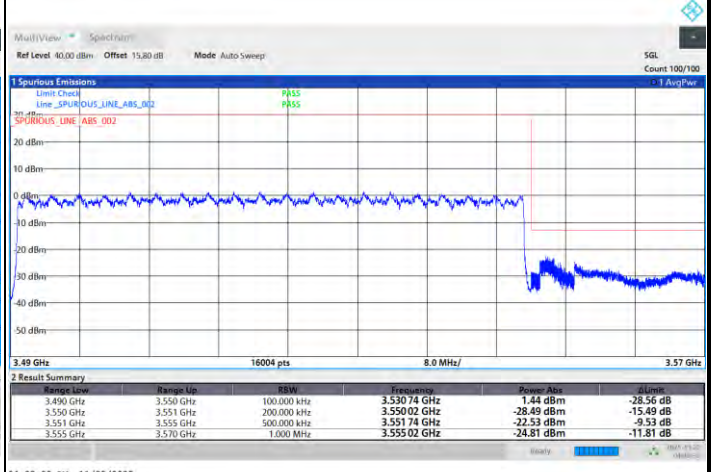
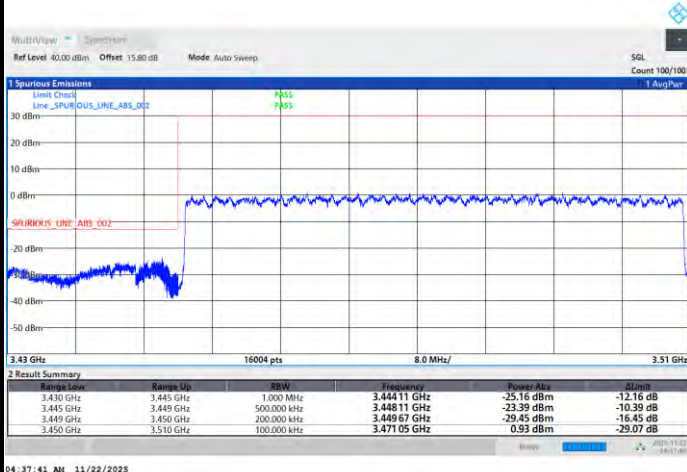




FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

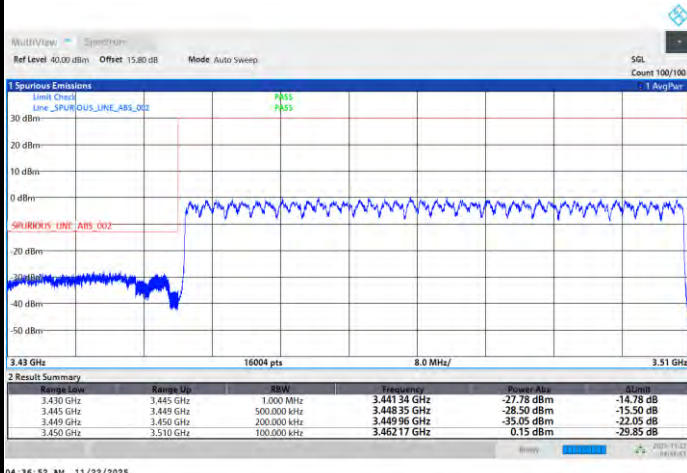
Highest Band Edge / Full RB



FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

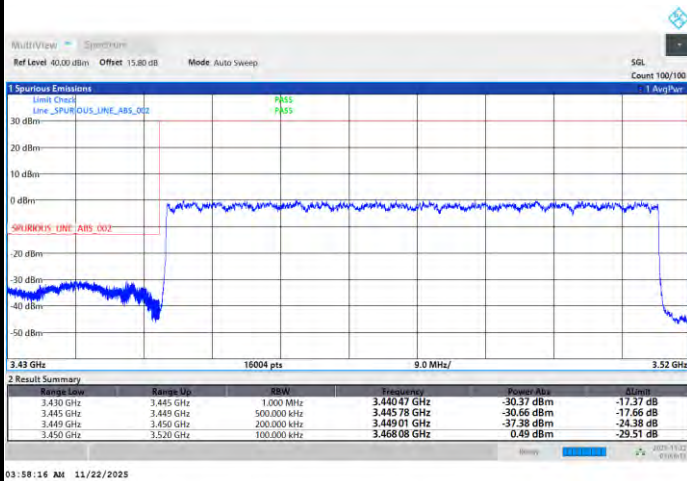




FR1 n77 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

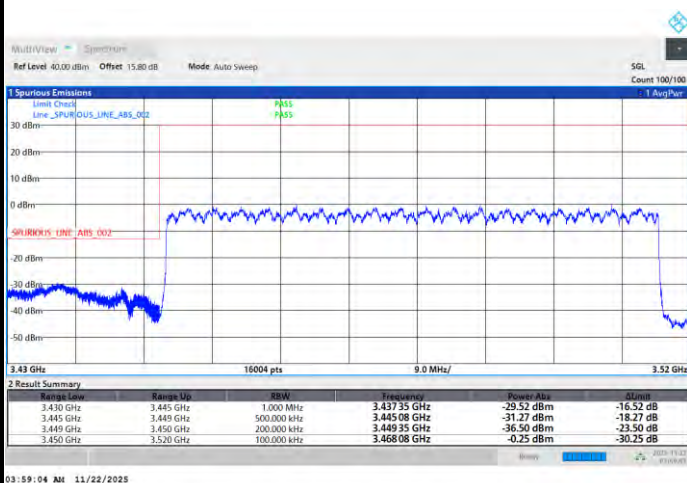
Highest Band Edge / Full RB



FR1 n77 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

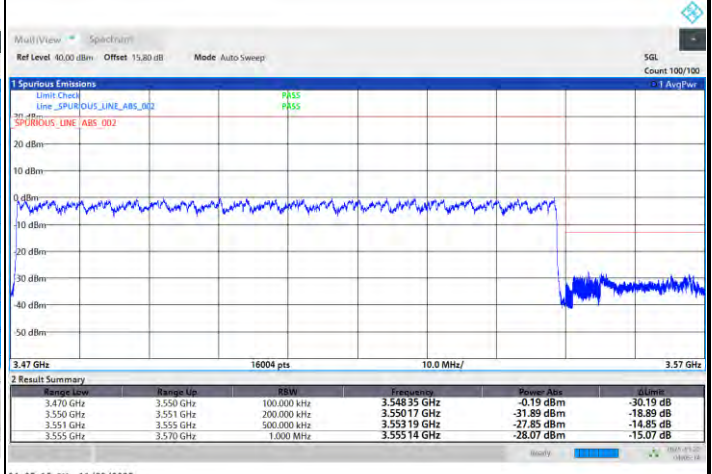
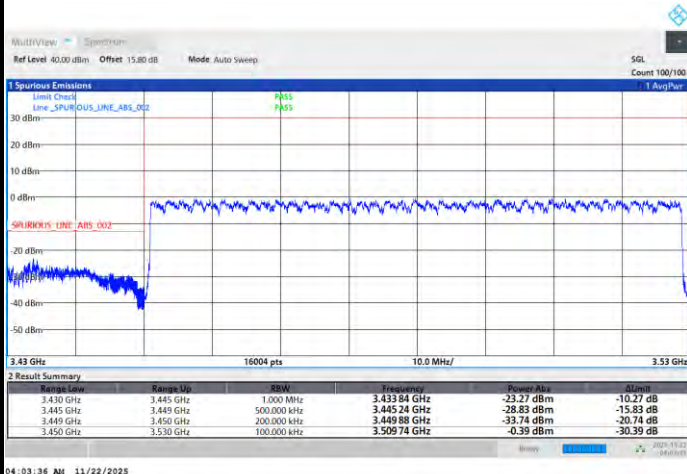




FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

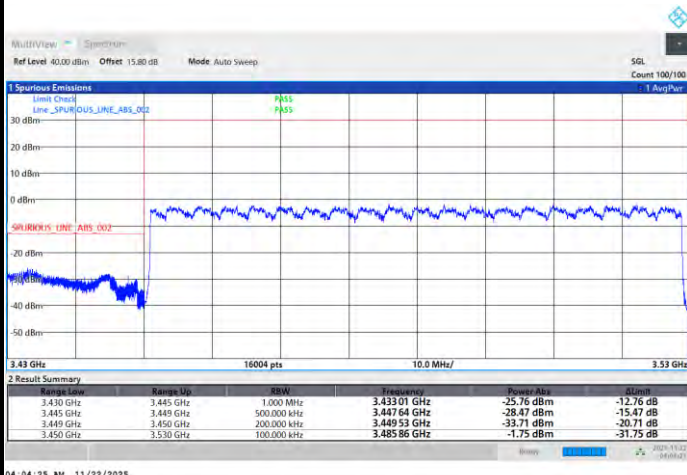
Highest Band Edge / Full RB



FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

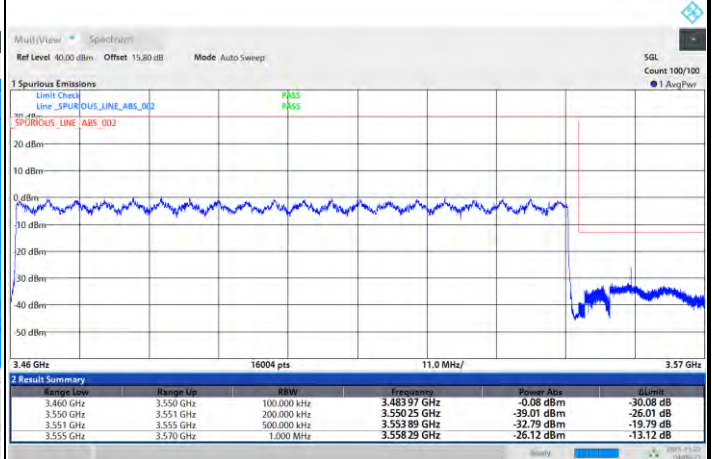
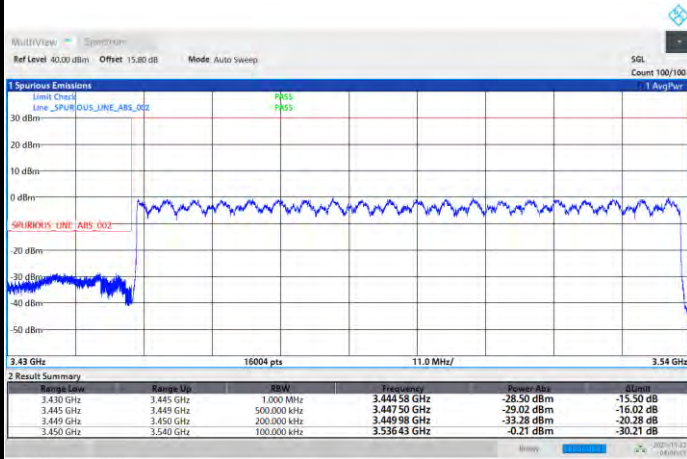




FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

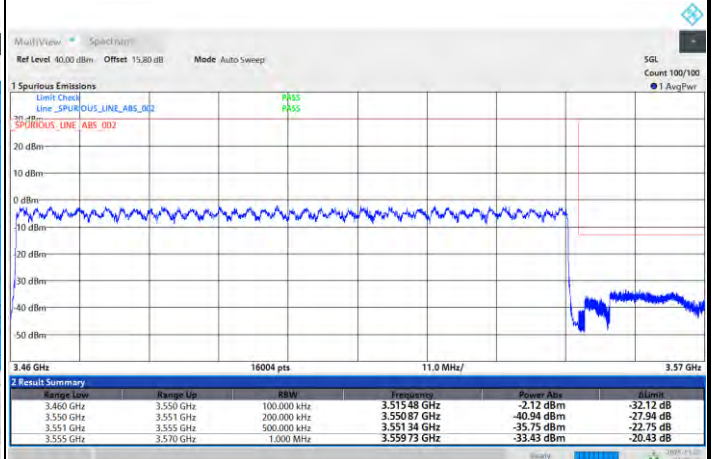
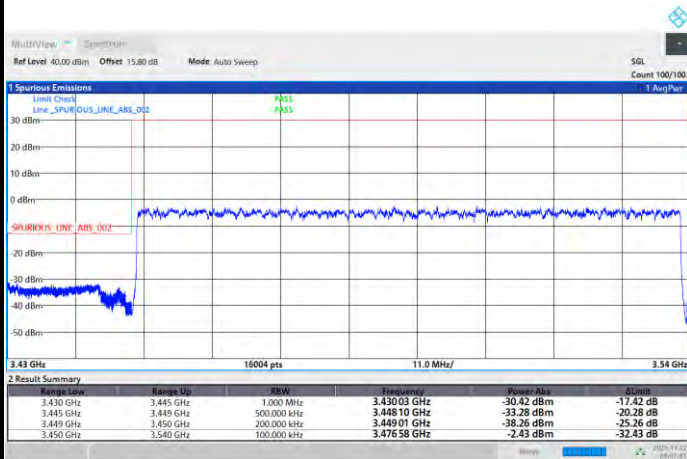
Highest Band Edge / Full RB



FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

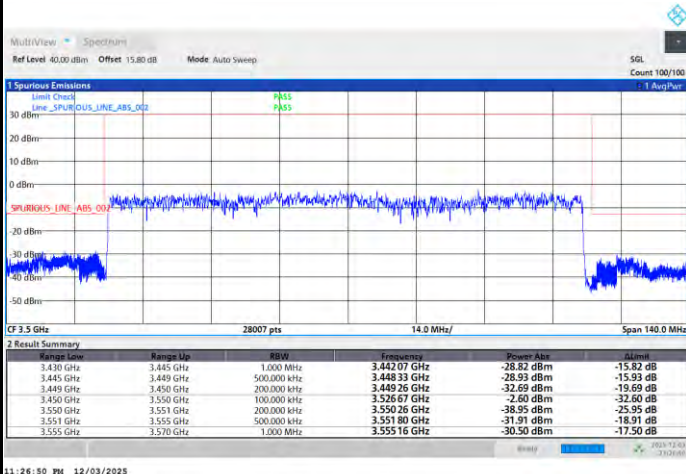
Highest Band Edge / Full RB





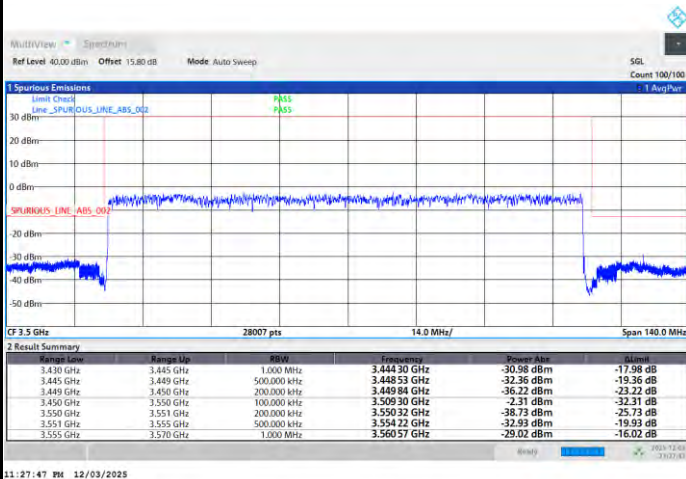
FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Middle Band Edge / Full RB



FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Middle Band Edge / Full RB





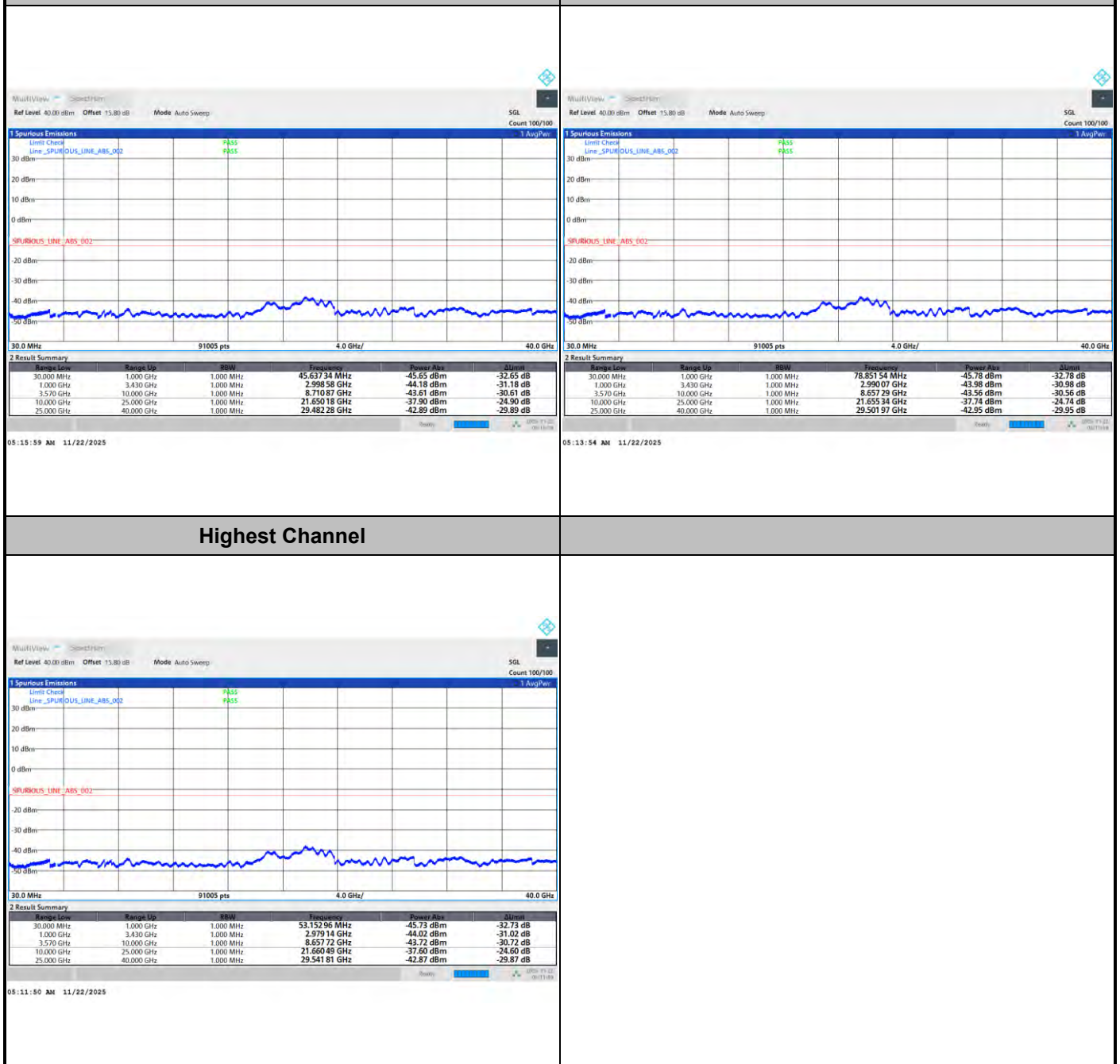
Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel

Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0043	-15.1	Yes	PASS
40	Normal Voltage	0.0045	-15.8	Yes	
30	Normal Voltage	0.0012	-4.1	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0003	1	Yes	
0	Normal Voltage	0.0028	-9.9	Yes	
-10	Normal Voltage	0.0000	-0.1	Yes	
-20	Normal Voltage	0.0029	-10.1	Yes	
-30	Normal Voltage	0.0011	-3.8	Yes	
20	Maximum Voltage	0.0026	-9.2	Yes	
20	Normal Voltage	0.0025	-8.6	Yes	
20	Minimum Voltage	0.0005	-1.6	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



FR1 n41C

<MIMO Mode>

MIMO <Ant. 2+1> (Ant. 2)

26dB Bandwidth

Mode	FR1 n41C : 26dB BW(MHz) / CP OFDM							
BW	10M100M		15M100M		15M90M		20M100M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	109.90	109.80	114.84	114.99	104.92	104.83	120.12	120.15
BW	20M90M		30M100M		30M90M		30M80M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	109.97	110.05	130.03	130.23	119.96	120.01	109.87	110.02
BW	40M100M		40M90M		40M80M		50M100M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	139.90	139.90	130.03	130.00	120.20	120.15	149.85	149.95
BW	50M90M		50M80M		50M60M		60M100M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	139.90	140.02	129.94	130.00	110.20	110.17	160.02	160.09
BW	60M90M		60M80M		60M60M		60M50M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	150.08	150.21	140.05	140.24	120.39	120.47	110.20	110.25
BW	80M100M		80M90M		80M80M		80M60M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	180.10	180.25	170.31	170.34	159.42	159.63	140.24	140.27

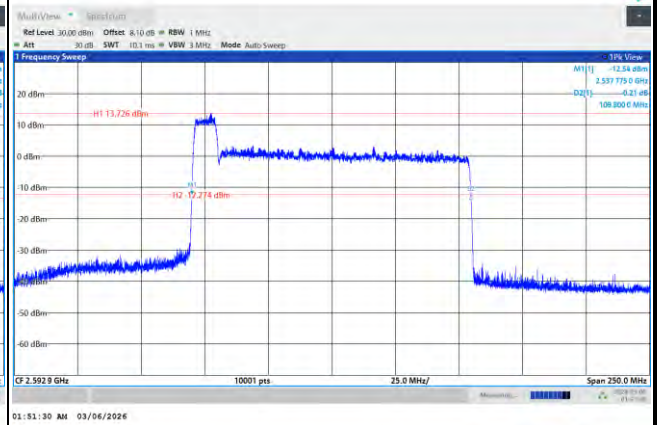


Mode	FR1 n41C : 26dB BW(MHz) / CP OFDM							
BW	80M50M		80M40M		80M30M		90M100M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	130.18	130.18	120.09	120.17	110.10	110.10	190.15	190.36
BW	90M90M		90M80M		90M60M		90M50M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	180.41	180.37	170.31	170.23	150.11	150.28	140.05	140.08
BW	90M40M		90M30M		90M20M		100M90M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	130.15	129.92	120.12	120.12	110.20	110.35	190.19	190.28
BW	100M80M		100M60M		100M50M		100M40M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	180.14	180.10	160.09	160.19	150.15	150.01	140.08	140.02
BW	100M30M		100M20M		100M15M		100M10M	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	130.18	130.09	120.28	120.20	115.10	115.07	109.92	109.85



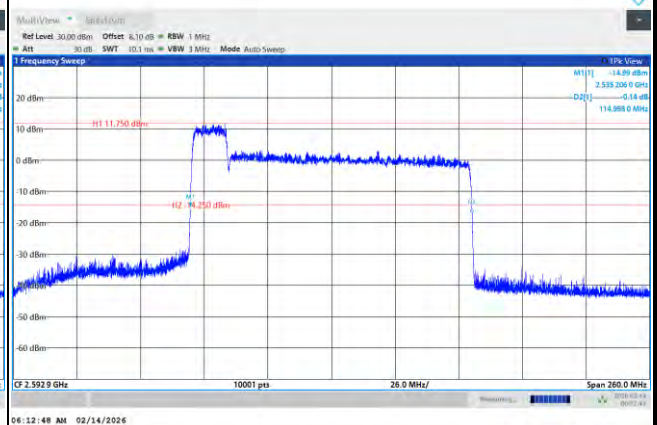
FR1 n41C / 10M100M / CP OFDM / Middle Channel / Full RB

16QAM



QPSK

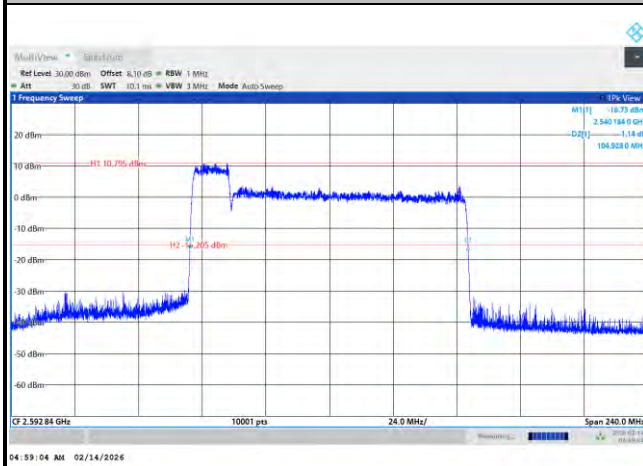
16QAM



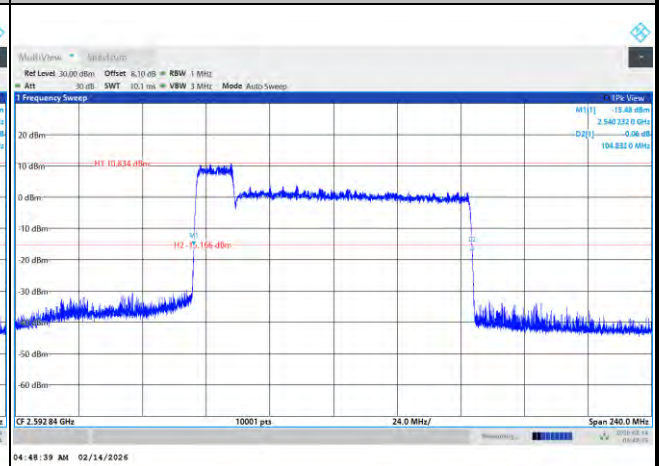


FR1 n41C / 15M90M / CP OFDM / Middle Channel / Full RB

QPSK

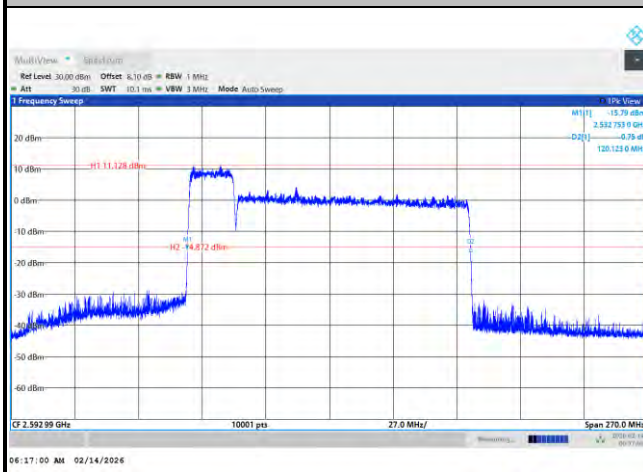


16QAM



FR1 n41C / 20M100M / CP OFDM / Middle Channel / Full RB

QPSK



16QAM

