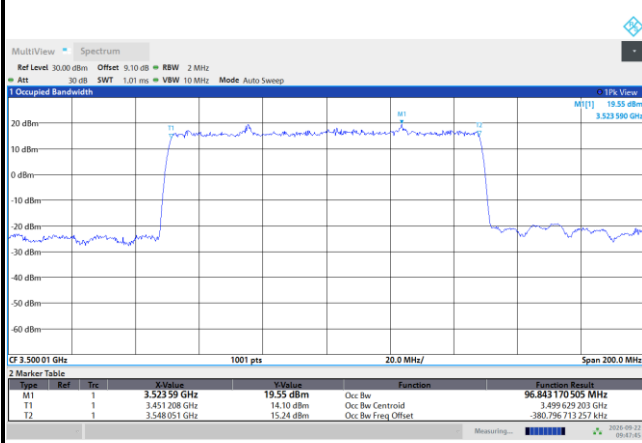




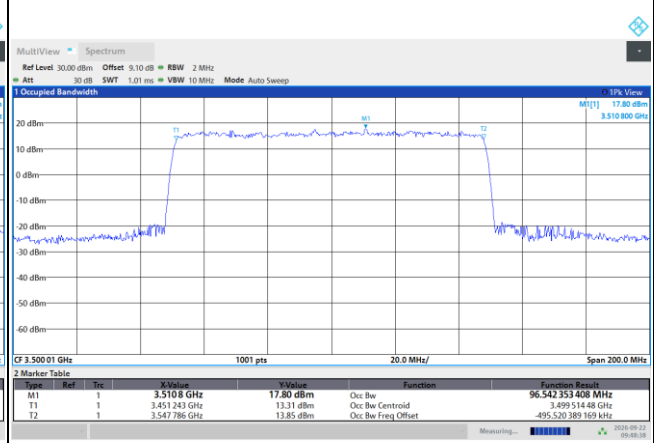
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



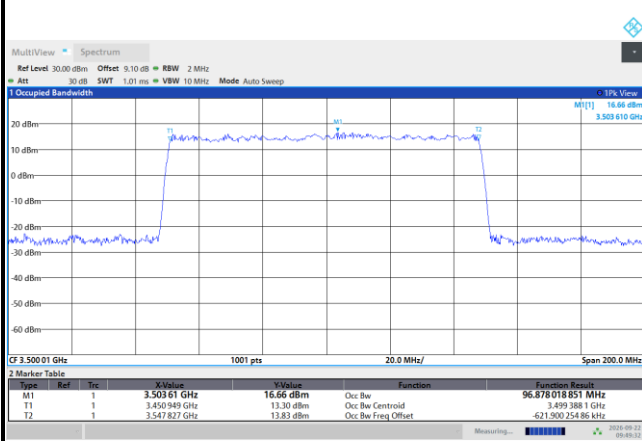
09:47:46 AM 09/22/2026

QPSK



09:48:39 AM 09/22/2026

16QAM



09:49:32 AM 09/22/2026

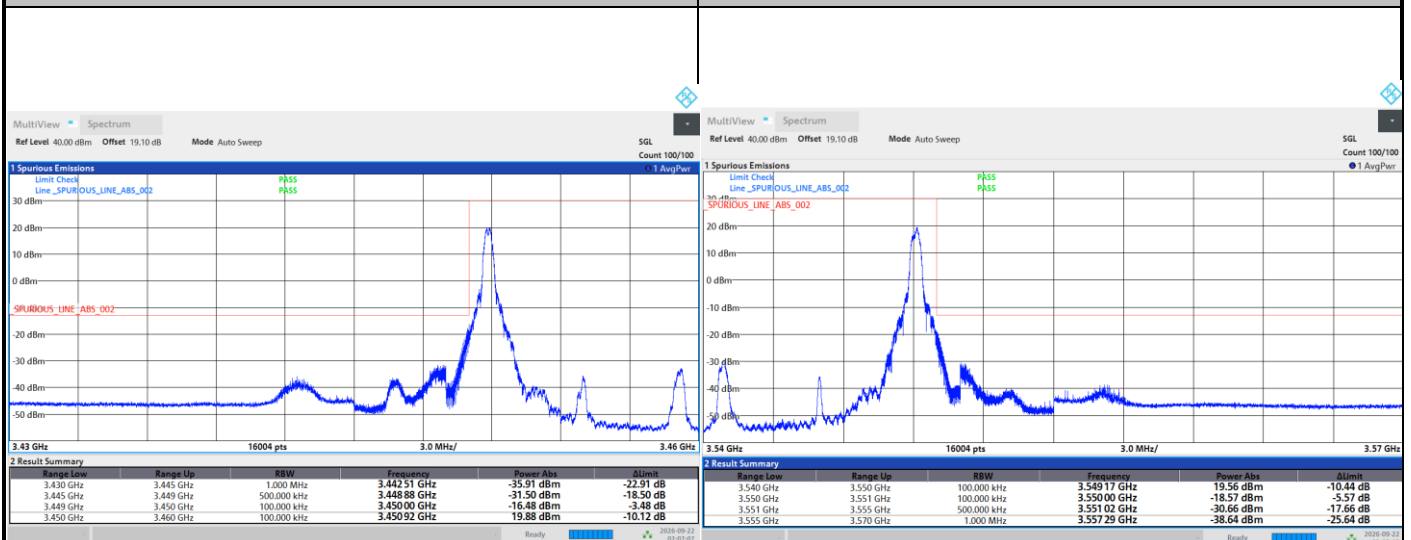


Conducted Band Edge

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

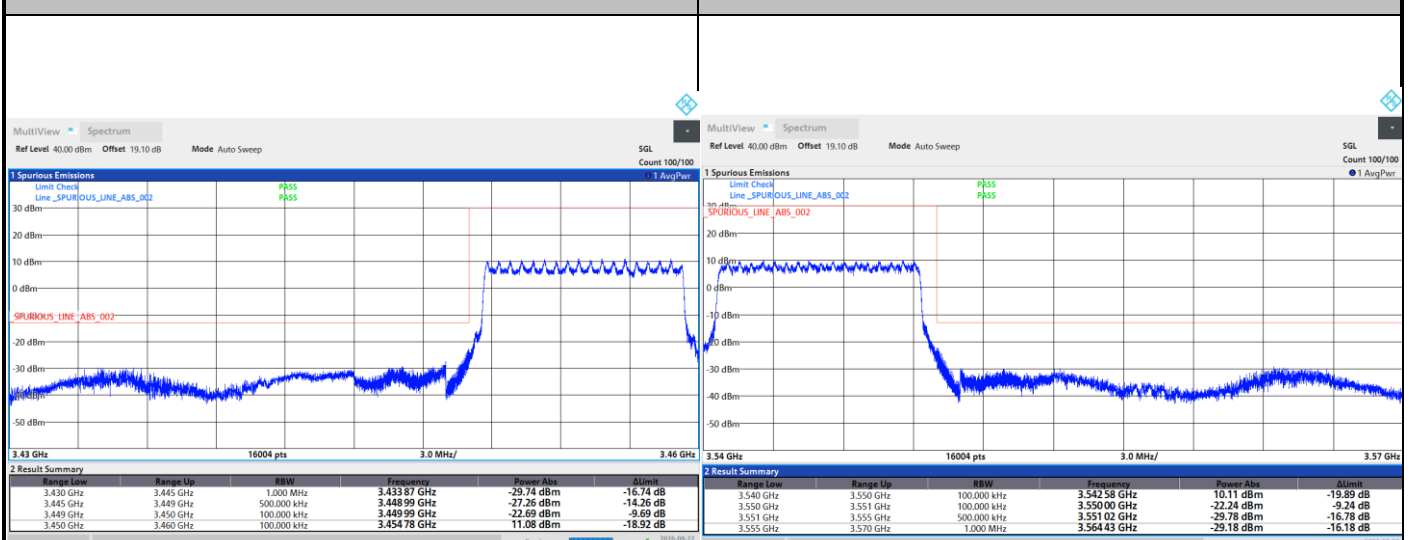
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

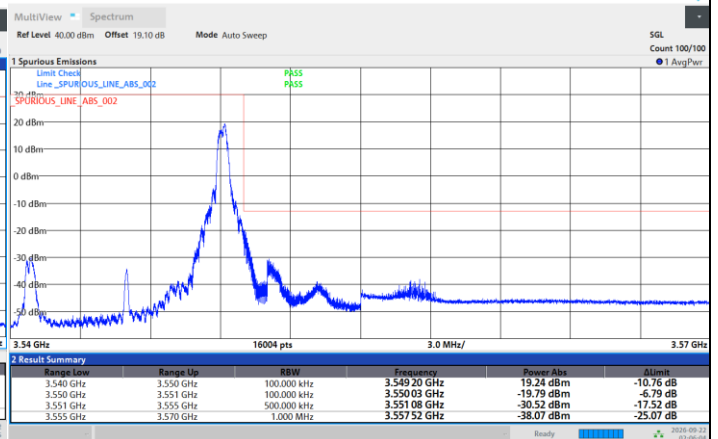
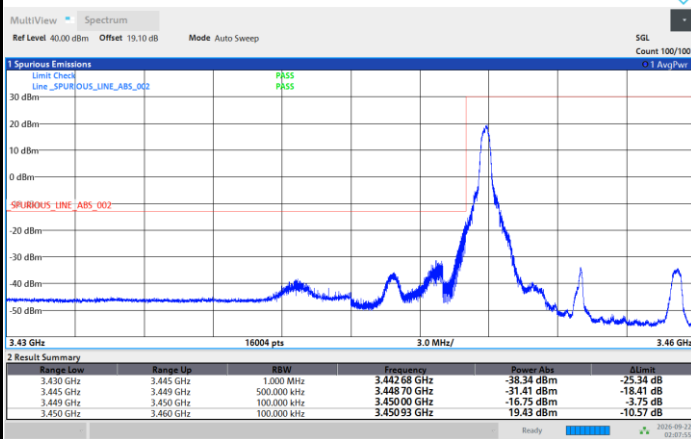




FR1 n77 / 10MHz / DFT-S OFDM / QPSK

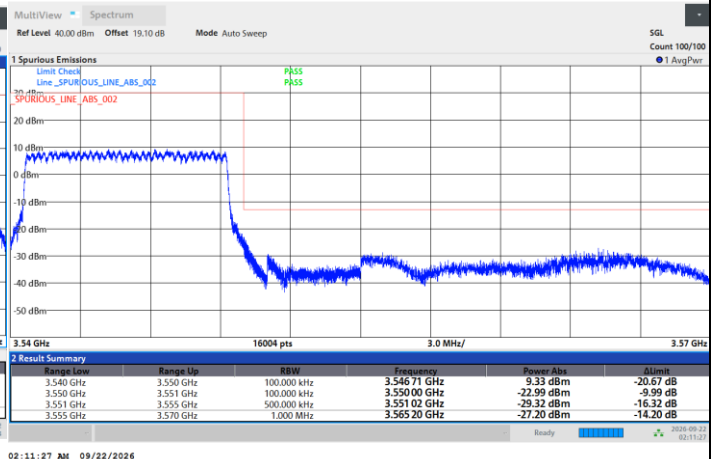
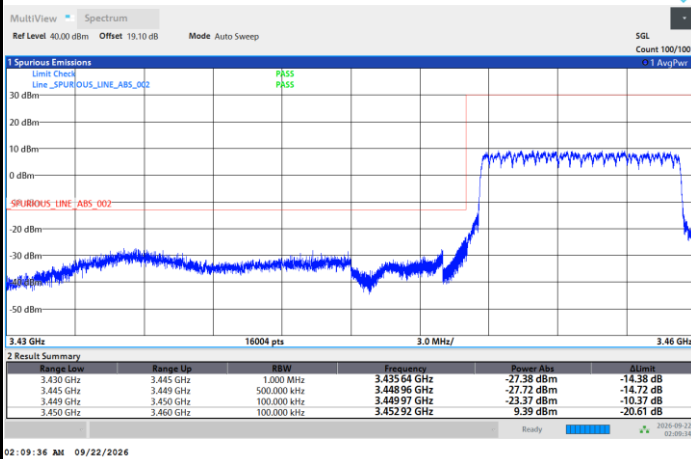
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

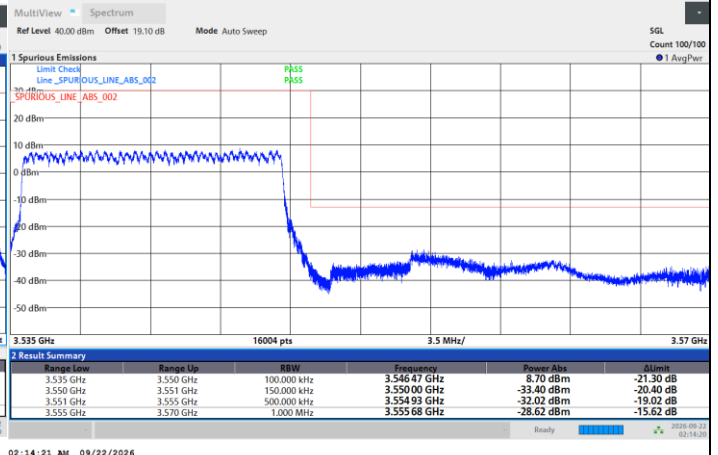
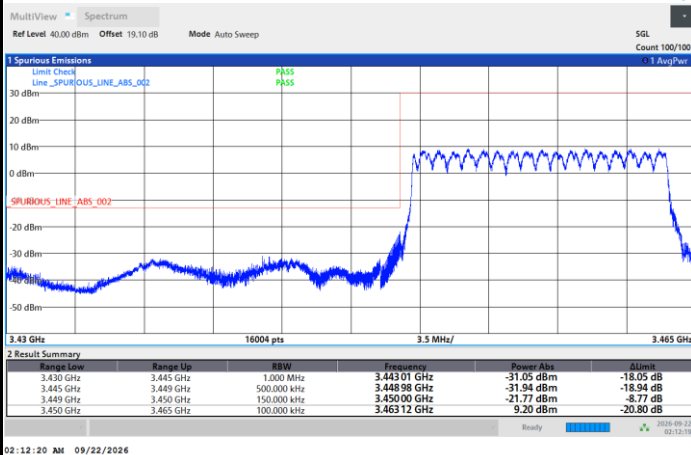




FR1 n77 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

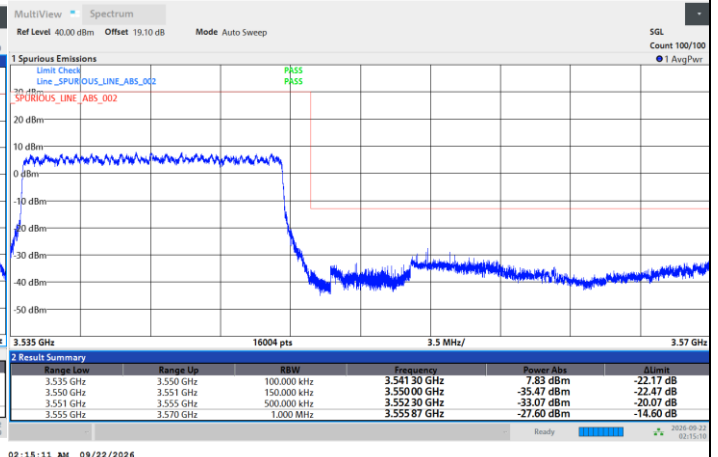
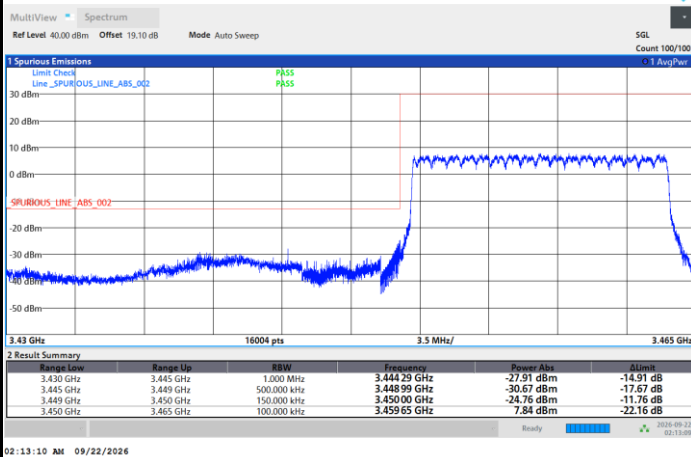
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

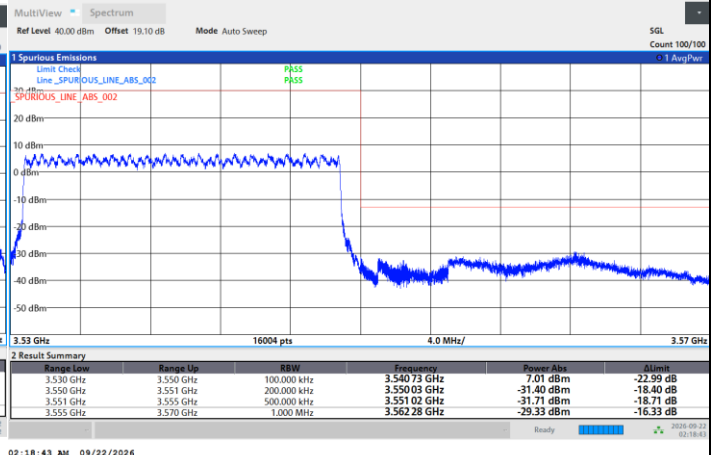
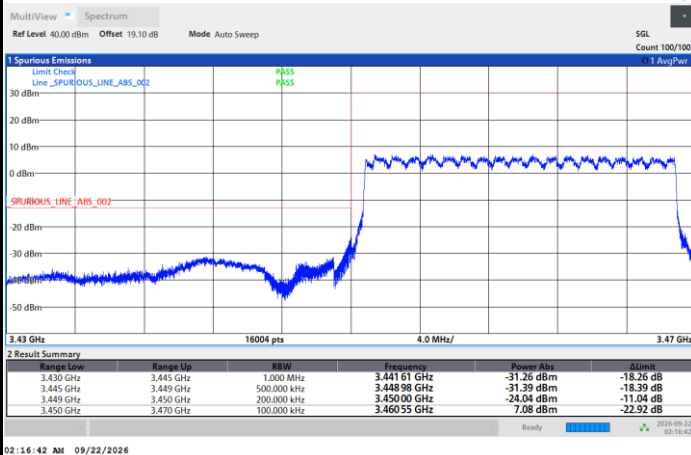




FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

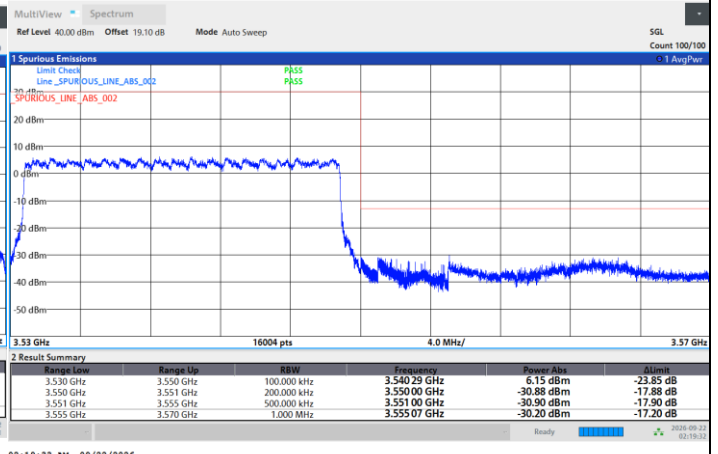
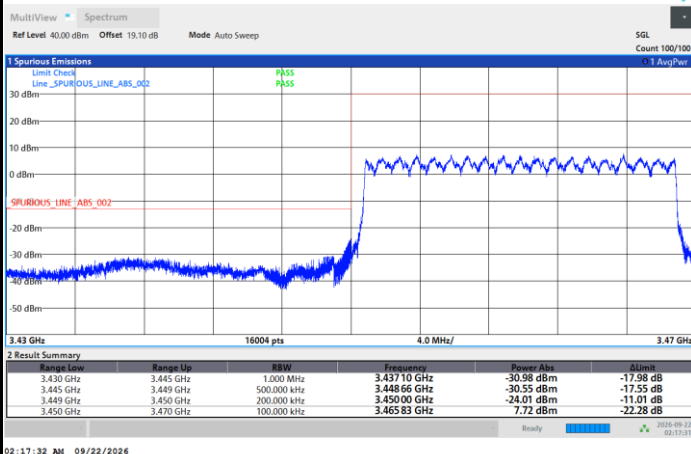
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

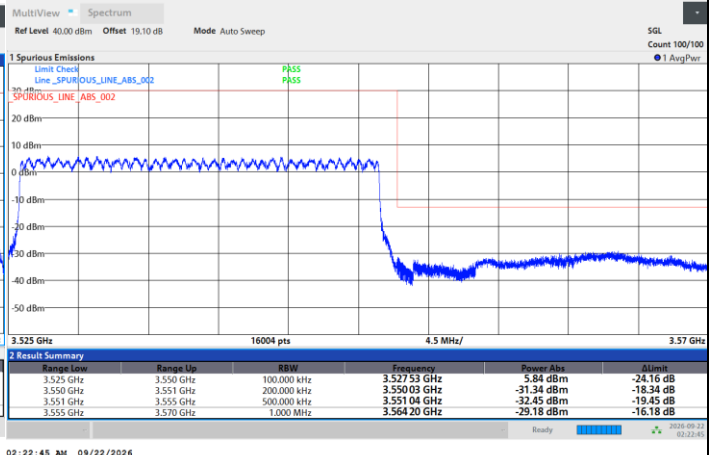
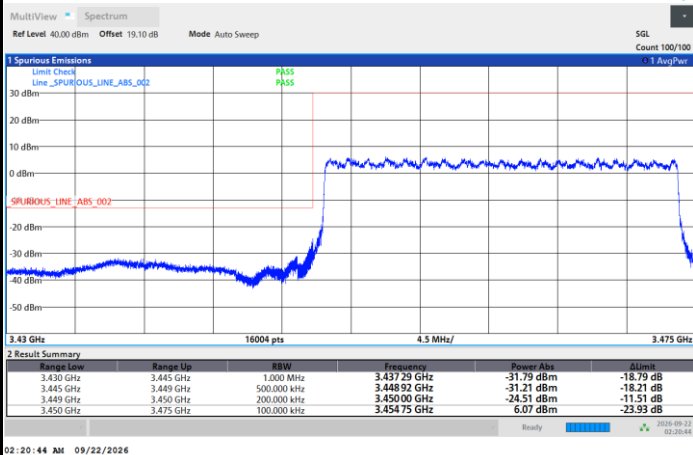




FR1 n77 / 25MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

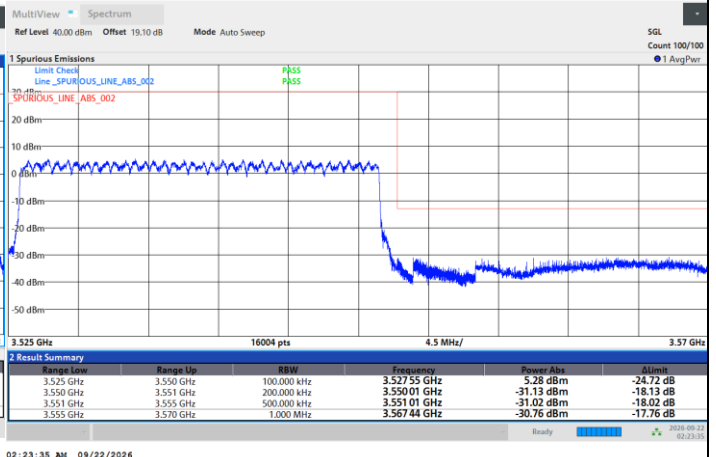
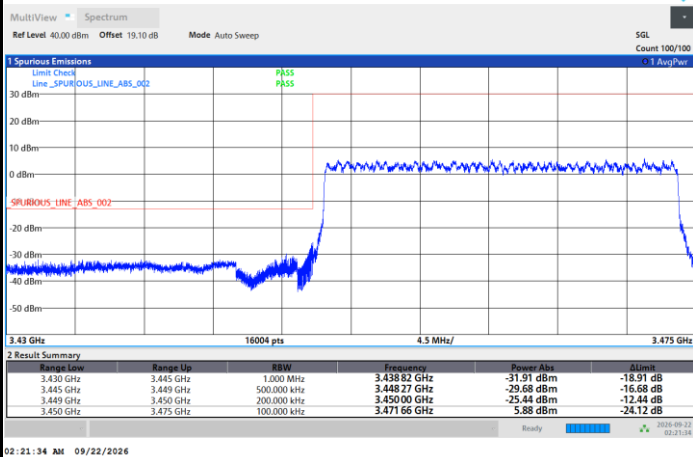
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

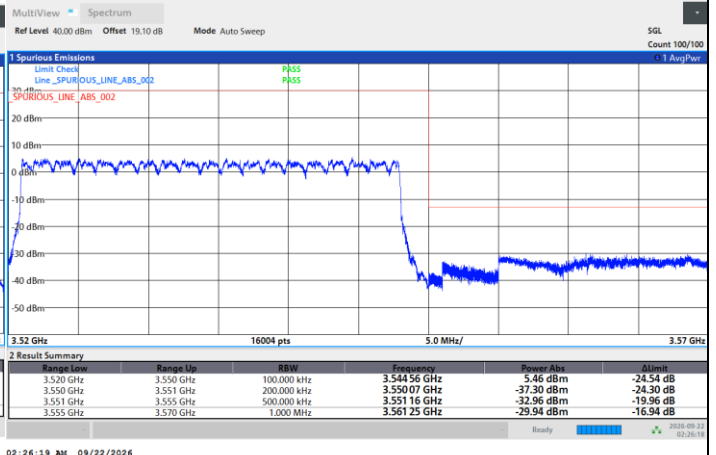
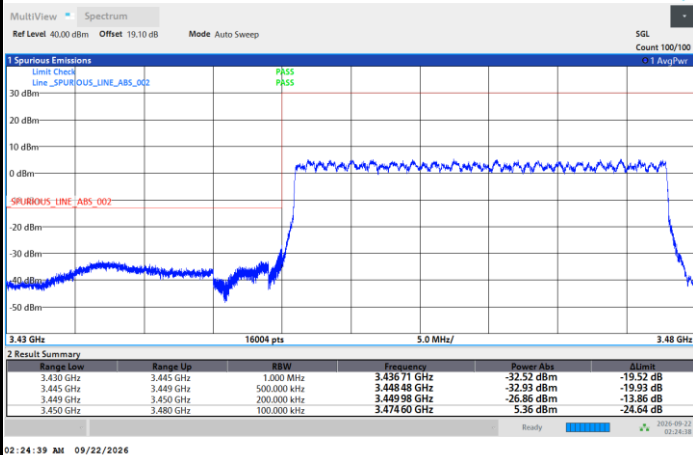




FR1 n77 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

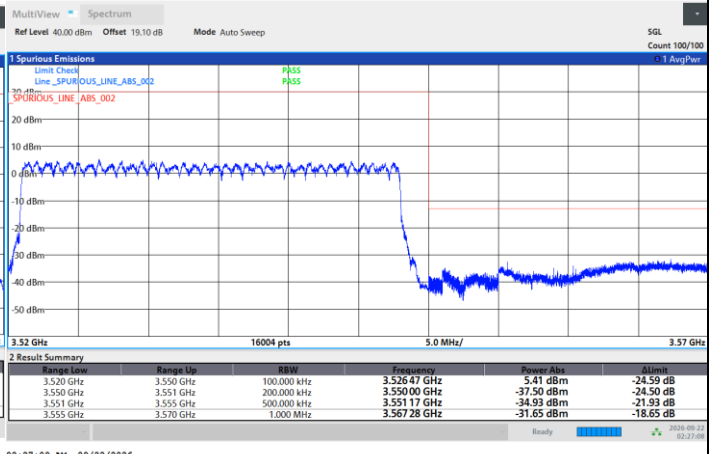
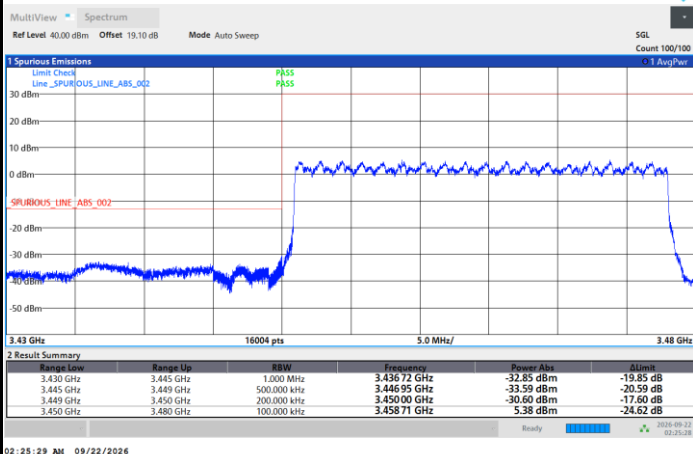
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

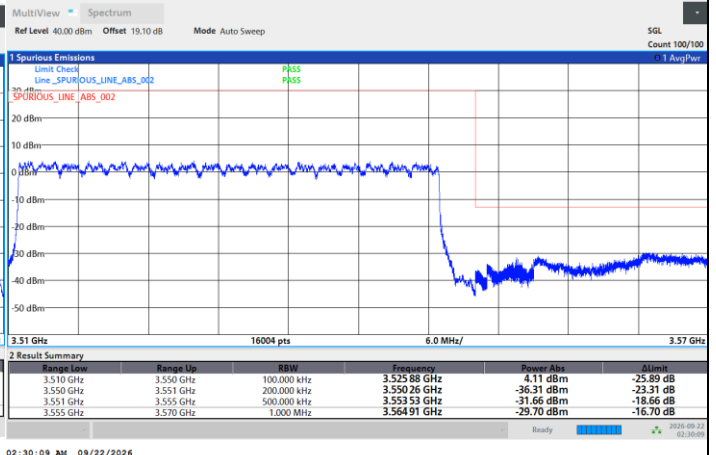
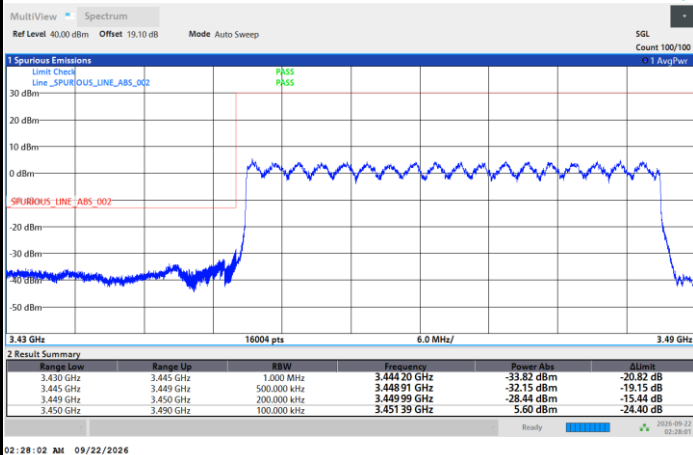




FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

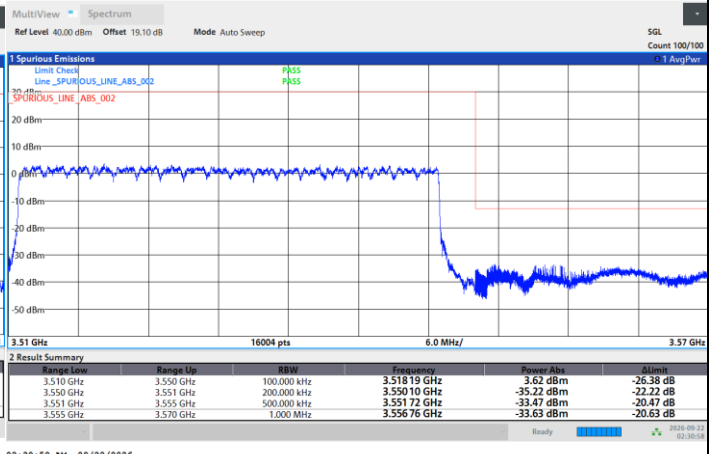
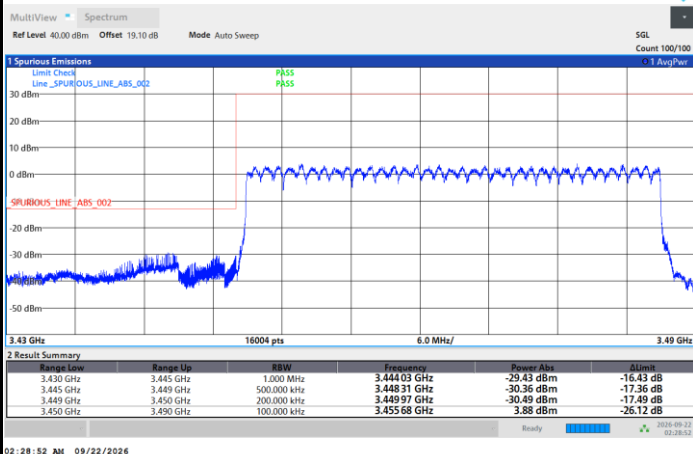
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

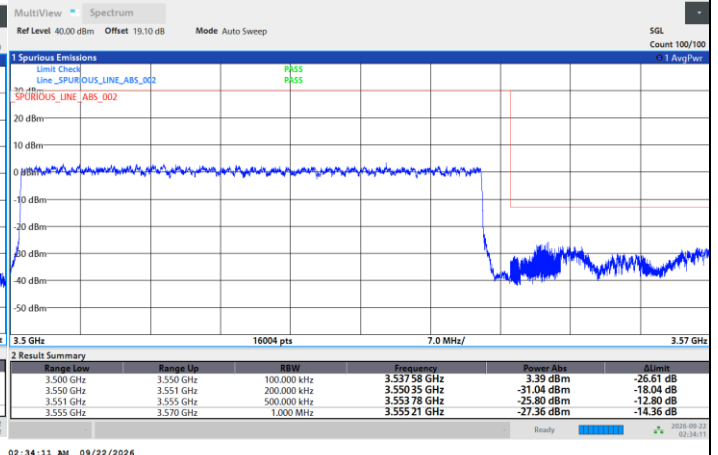
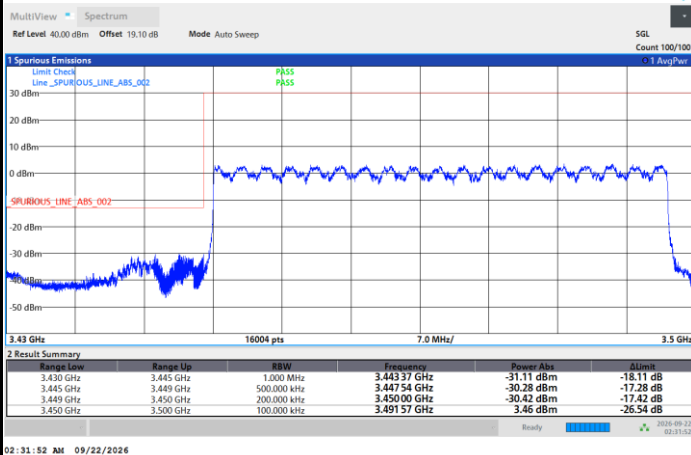




FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

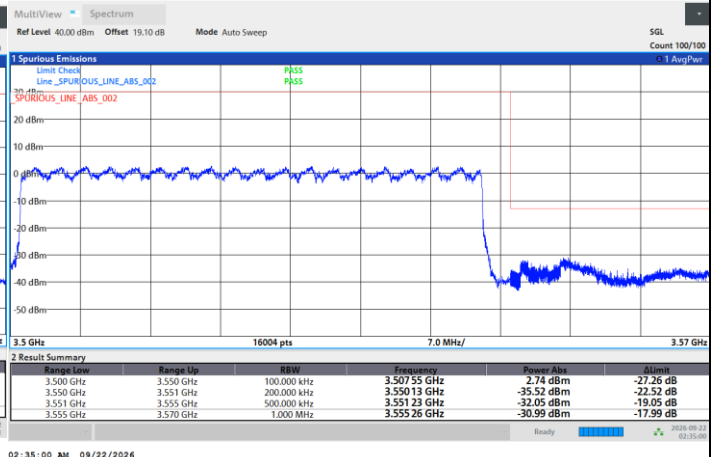
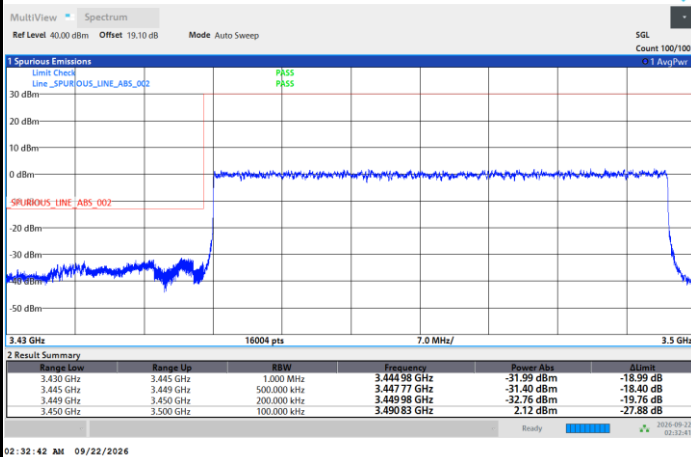
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

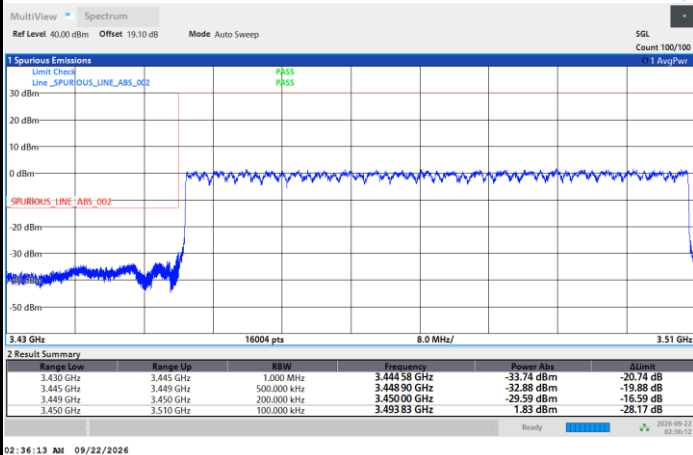




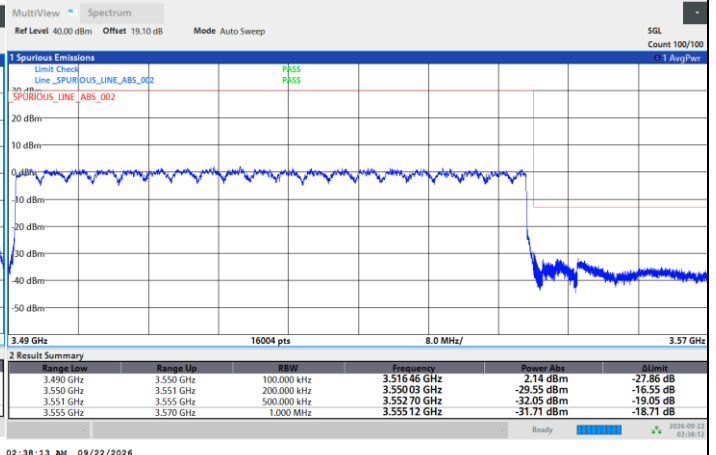
FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



02:36:13 AM 09/22/2026

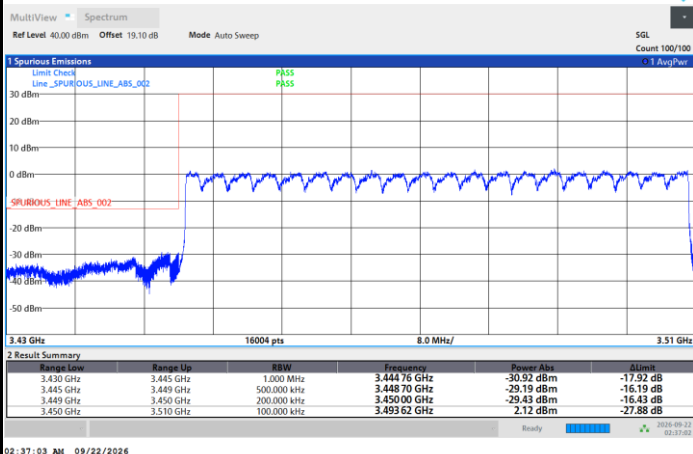


02:38:13 AM 09/22/2026

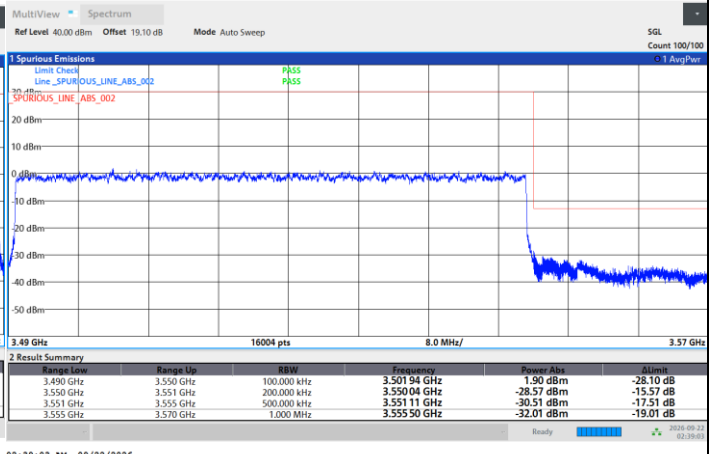
FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



02:37:03 AM 09/22/2026



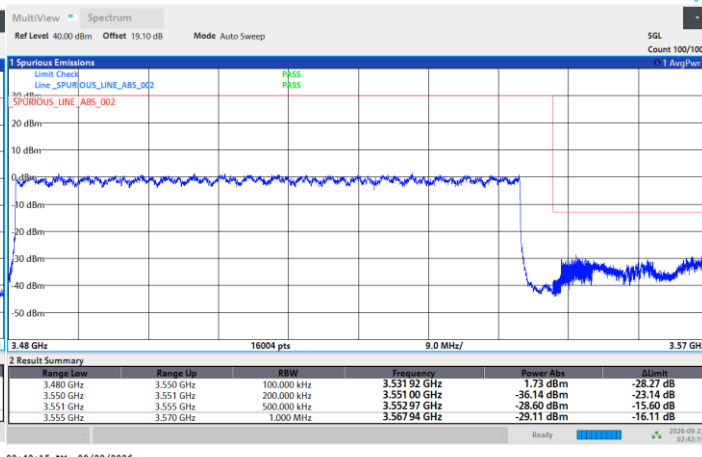
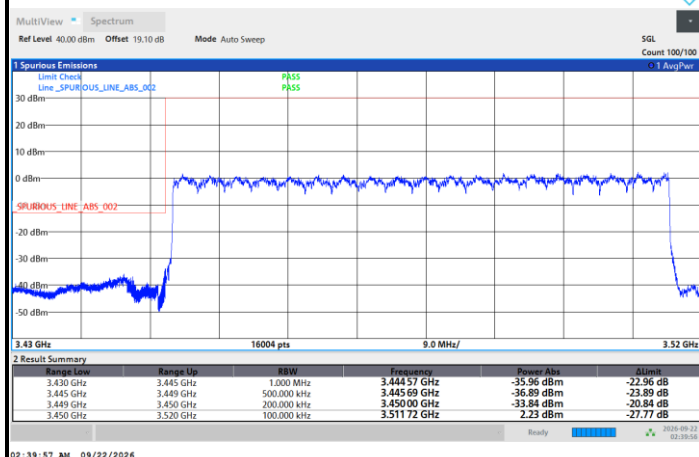
02:39:03 AM 09/22/2026



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

Lowest Band Edge / Full RB

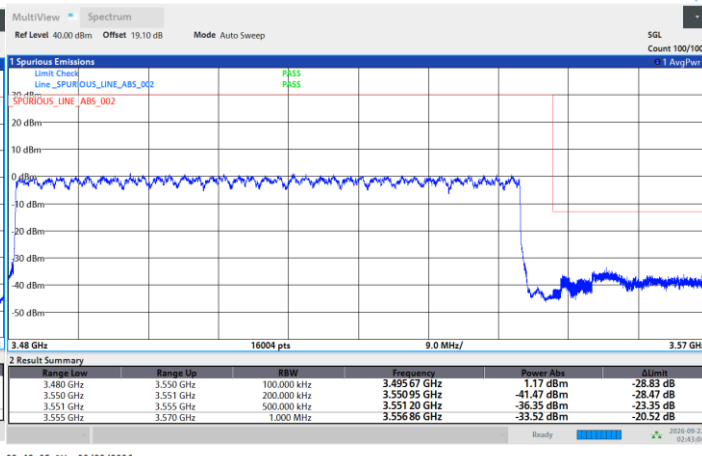
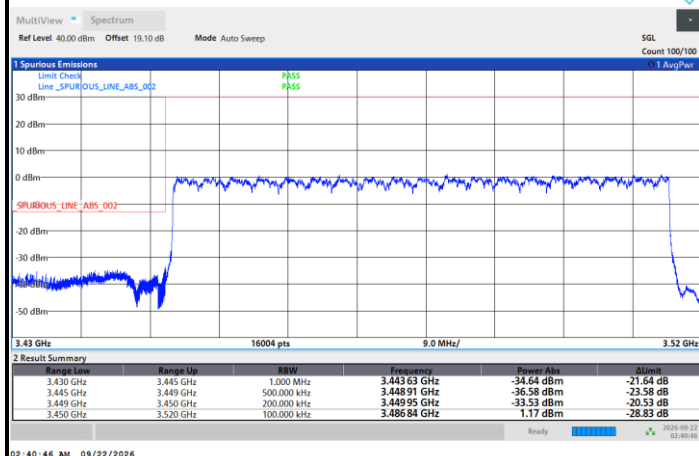
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

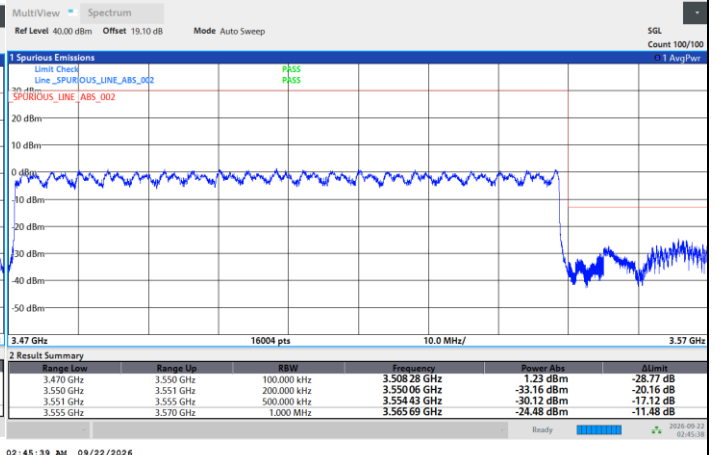
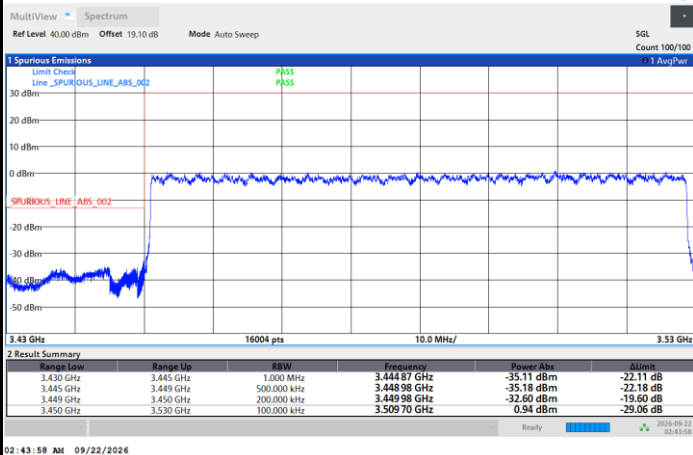




FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

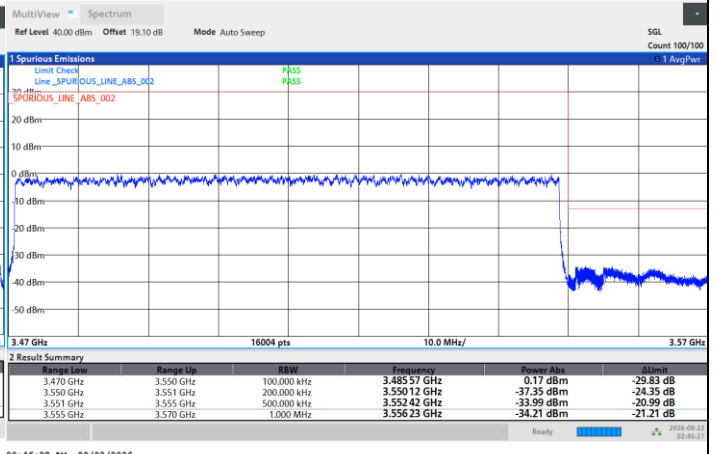
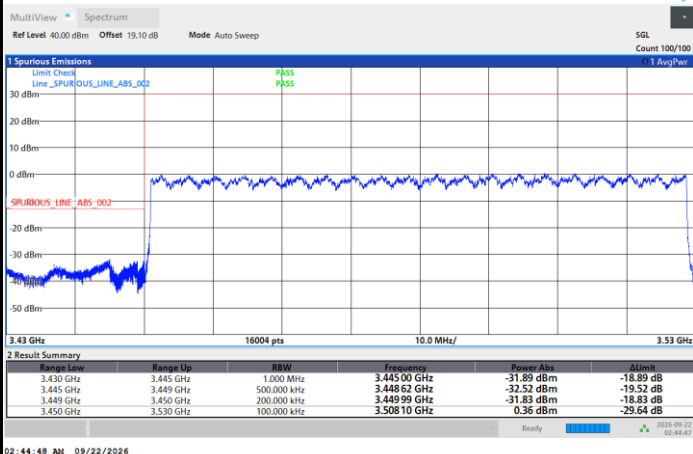
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

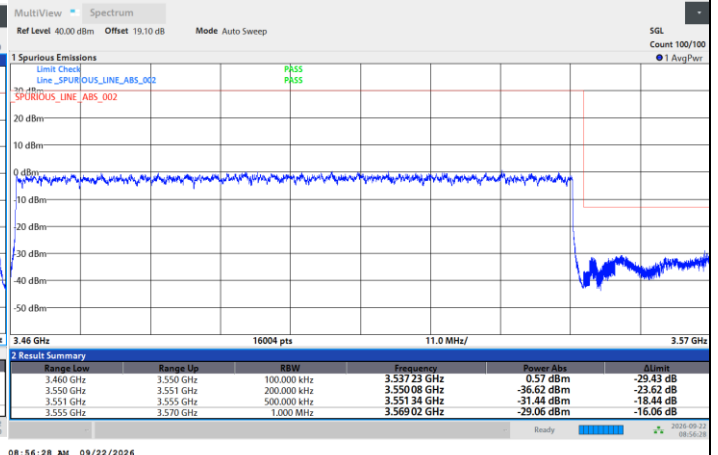
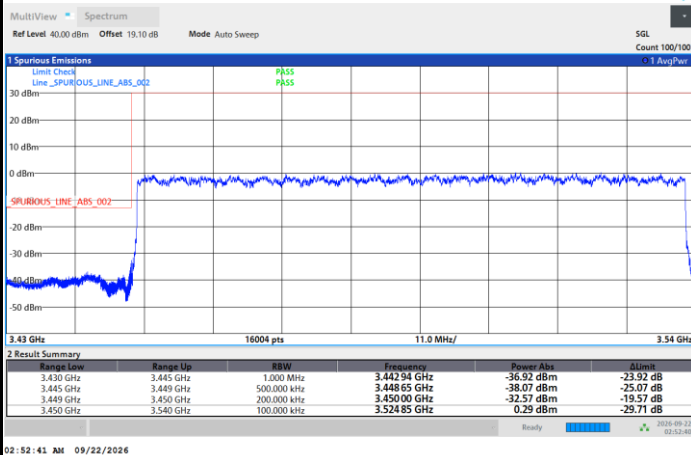




FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

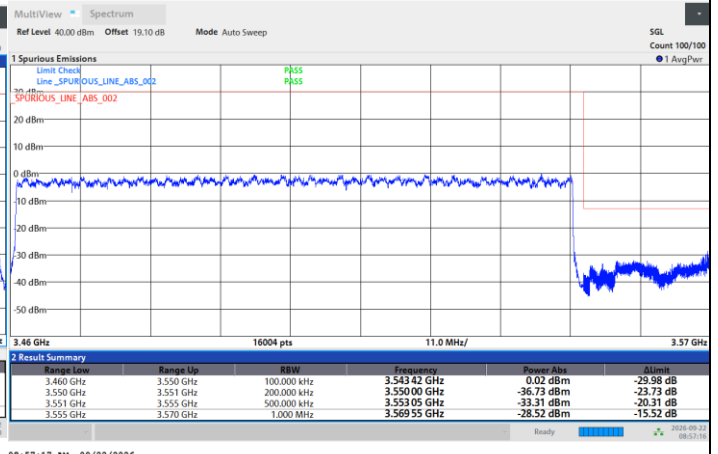
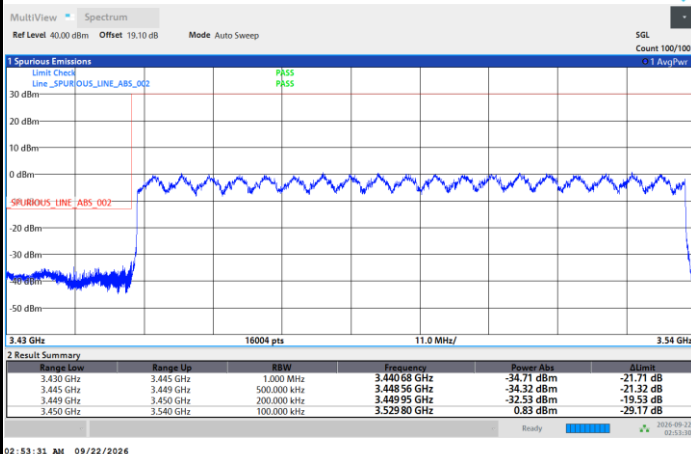
Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

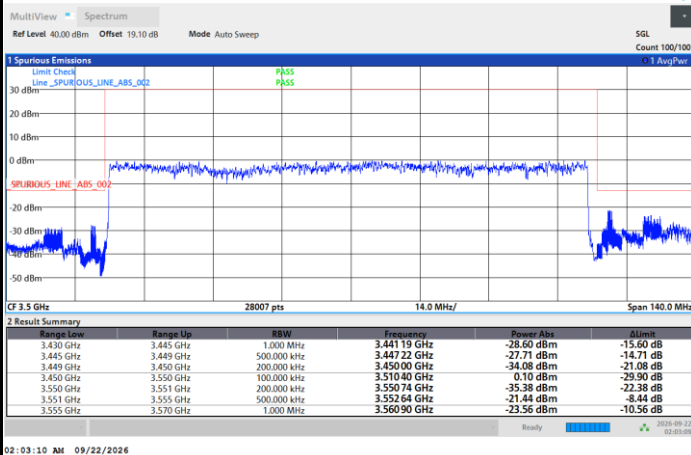




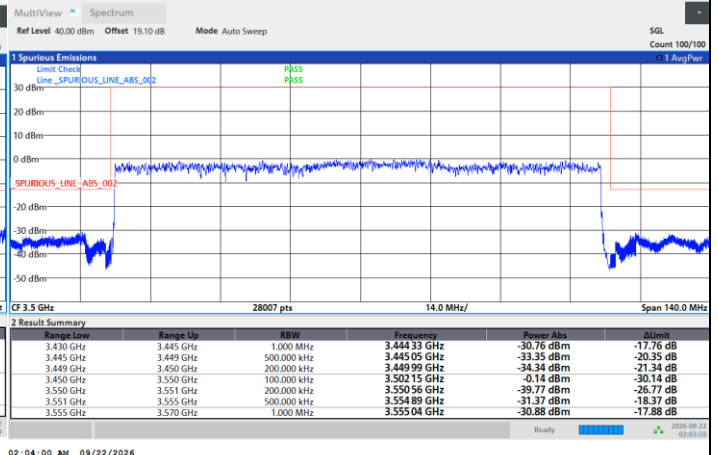
FR1 n77 / 100MHz / DFT-S OFDM

Middle Band Edge / Full RB / PI/2 BPSK

Middle Band Edge / Full RB / QPSK



02:03:10 AM 09/22/2026



02:04:00 AM 09/22/2026



Conducted Spurious Emission

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

Lowest Channel

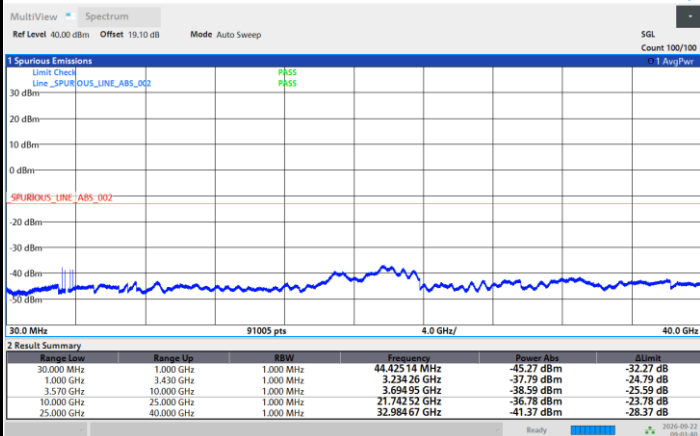
Middle Channel



08:59:22 AM 09/22/2026

09:01:25 AM 09/22/2026

Highest Channel



09:03:40 AM 09/22/2026

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	0.0012	-4.1	Yes	PASS
40	Normal Voltage	0.0005	-1.7	Yes	
30	Normal Voltage	0.0020	7.1	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0012	4.1	Yes	
0	Normal Voltage	0.0003	0.9	Yes	
-10	Normal Voltage	0.0001	0.3	Yes	
-20	Normal Voltage	0.0017	5.8	Yes	
-30	Normal Voltage	0.0004	1.3	Yes	
20	Maximum Voltage	0.0023	-8.1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0017	-6.1	Yes	

Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 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 n77C_Part27O for Main PA—ANT 7

<SISO Mode>

26dB Bandwidth

Mode	FR1 n77C : 26dB BW(MHz) / DFT-S OFDM							
BW	10M100M		15M100M		15M90M		20M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	109.17	109.30	113.69	113.69	103.84	103.92	119.28	119.28
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	109.10		113.46		103.80		119.12	
BW	20M90M		25M100M		25M90M		25M80M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	109.47	109.52	123.92	124.29	114.40	114.76	104.85	104.83
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	109.42		124.26		114.53		104.76	
BW	30M100M		30M90M		30M80M		40M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	128.29	128.64	118.50	118.69	108.87	109.12	137.08	137.14
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	128.26		118.66		108.85		137.29	
BW	40M90M		40M80M		40M70M		50M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	127.54	127.68	117.80	118.07	104.97	105.02	147.31	147.51
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	127.62		117.77		104.90		147.47	



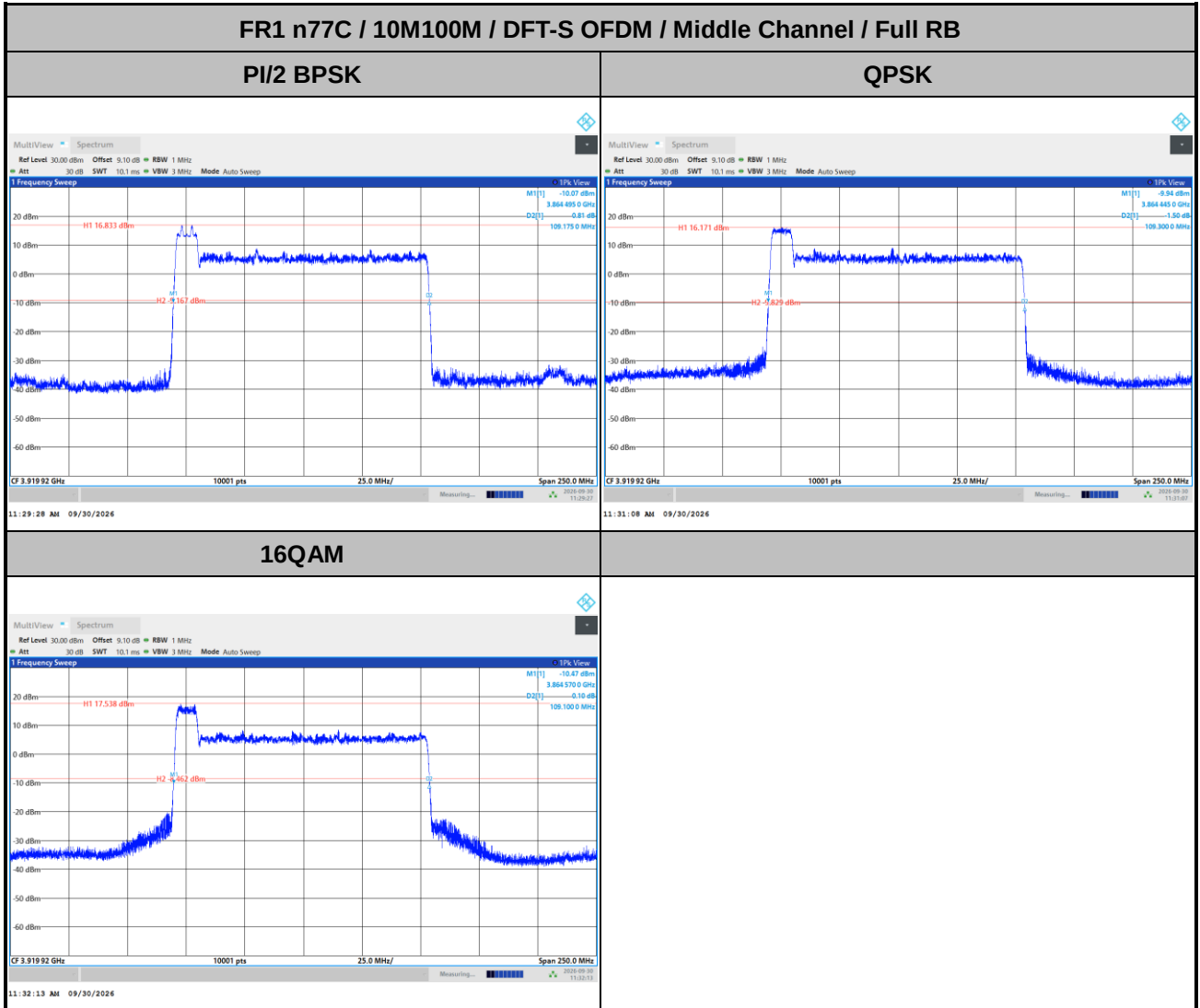
Mode	FR1 n77C : 26dB BW(MHz) / DFT-S OFDM							
BW	50M90M		50M80M		50M70M		50M60M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	137.67	137.95	128.32	128.44	115.23	115.29	108.90	108.92
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	137.82		128.23		115.23		108.90	
BW	60M100M		60M90M		60M80M		60M70M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	159.60	159.56	149.85	149.88	140.36	140.36	127.39	127.36
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	159.42		149.85		140.30		127.39	
BW	60M60M		60M50M		70M100M		70M90M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	121.09	121.12	108.65	108.87	166.27	166.13	156.73	156.76
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	121.04		109.00		166.16		156.59	
BW	70M80M		70M70M		70M60M		70M50M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	147.31	147.18	134.01	134.04	127.68	127.62	115.07	114.99
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	147.11		134.01		127.65		115.07	

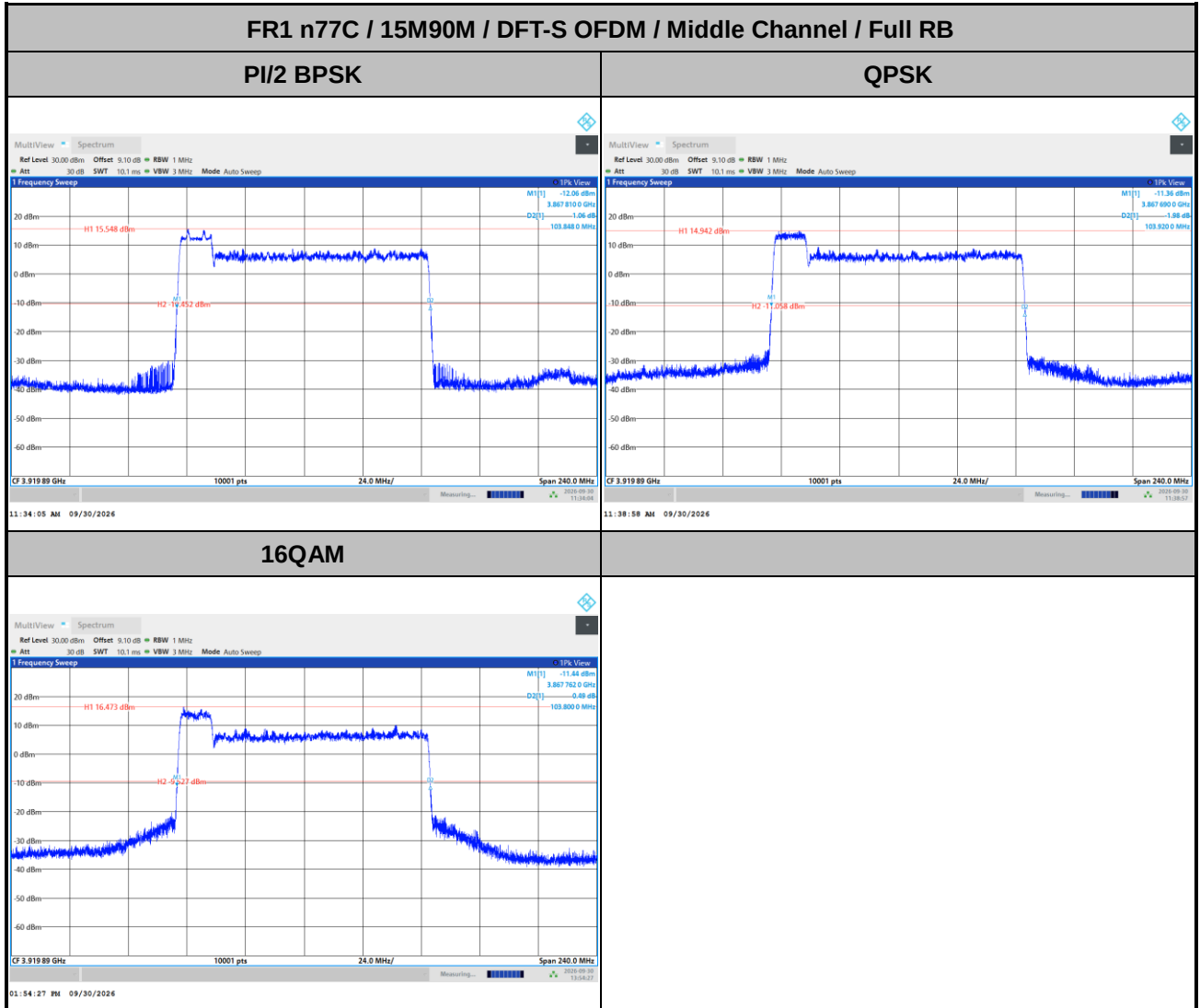


Mode	FR1 n77C : 26dB BW(MHz) / DFT-S OFDM							
BW	70M40M		80M100M		80M90M		80M80M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	105.02	105.15	179.12	179.32	169.60	169.57	160.09	160.05
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	105.02		179.28		169.53		160.19	
BW	80M70M		80M60M		80M50M		80M40M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	146.85	146.98	140.58	140.49	128.32	128.12	117.93	117.93
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	147.11		140.52		128.20		118.04	
BW	80M30M		90M100M		90M90M		90M80M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	108.95	109.12	188.72	188.84	179.24	179.43	169.75	169.68
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	109.12		189.13		179.24		169.57	
BW	90M70M		90M60M		90M50M		90M40M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	156.73	156.69	150.05	150.05	138.07	137.98	127.74	127.62
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	156.62		150.05		137.82		127.77	



Mode	FR1 n77C : 26dB BW(MHz) / DFT-S OFDM							
BW	90M30M		90M25M		90M20M		100M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	118.61	118.63	114.63	114.50	109.42	109.70	198.31	198.31
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	118.47		114.60		109.47		198.18	
BW	100M90M		100M80M		100M70M		100M60M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	188.88	188.47	178.89	179.20	165.83	166.01	159.39	159.88
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	188.80		179.16		166.05		159.53	
BW	100M50M		100M40M		100M30M		100M25M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	147.44	147.34	137.29	137.36	128.35	128.64	124.23	124.20
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	147.54		137.45		128.23		124.20	
BW	100M20M		100M15M		100M10M			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	119.20	119.12	113.67	113.67	109.40	109.42		
Mod.	16QAM		16QAM		16QAM			
Middle CH	119.23		113.80		109.40			

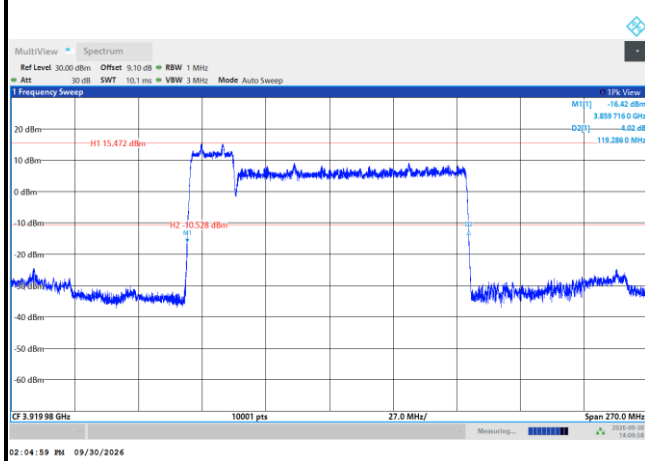




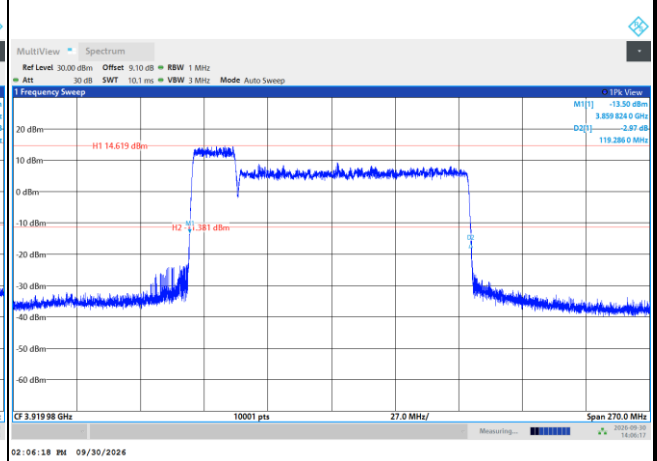


FR1 n77C / 20M100M / DFT-S OFDM / Middle Channel / Full RB

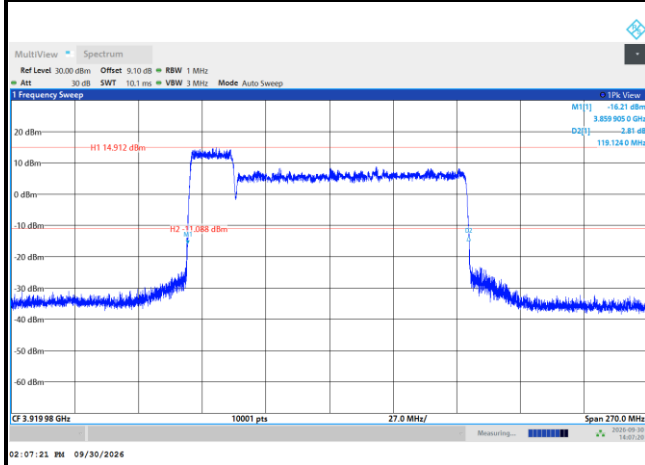
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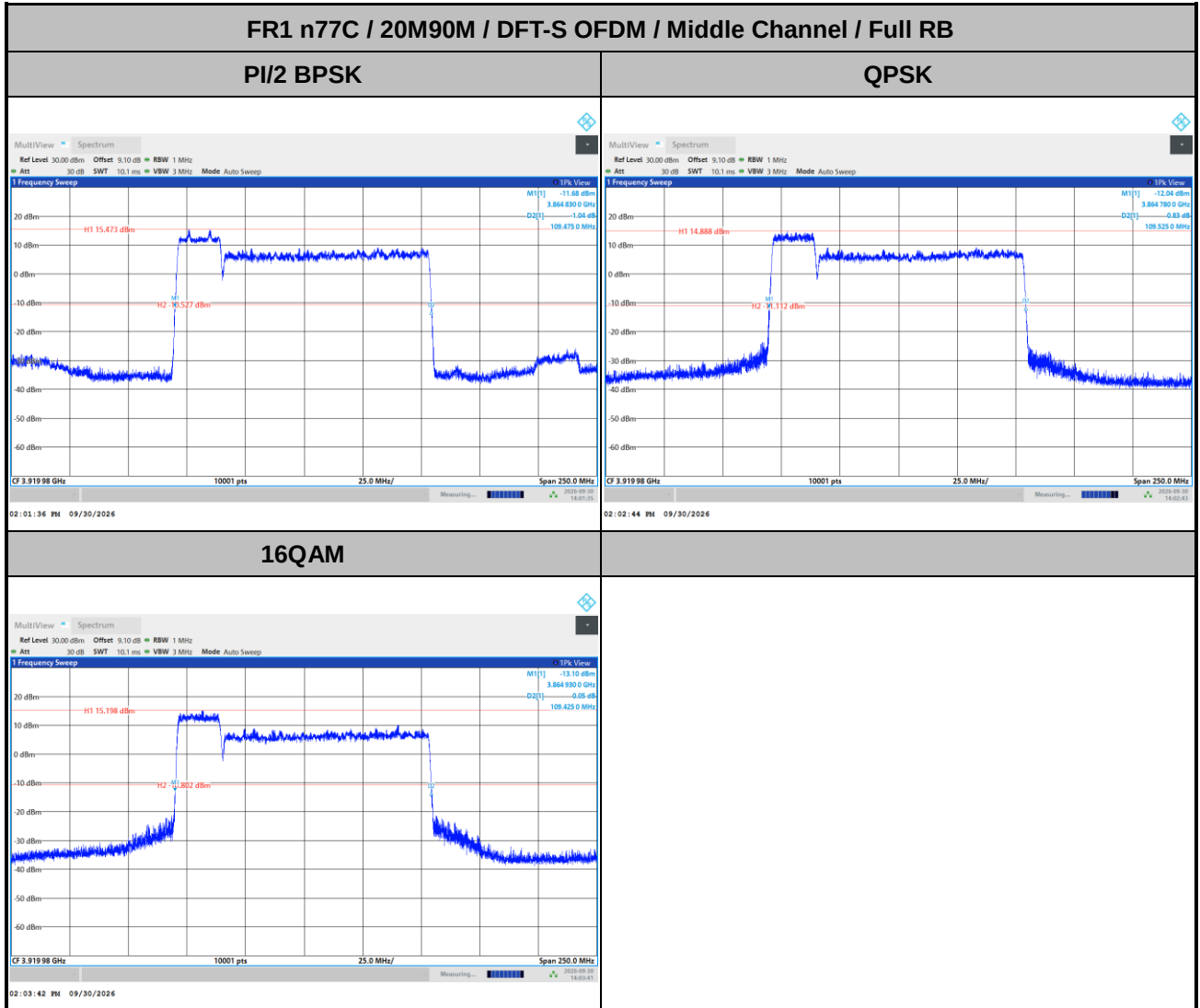


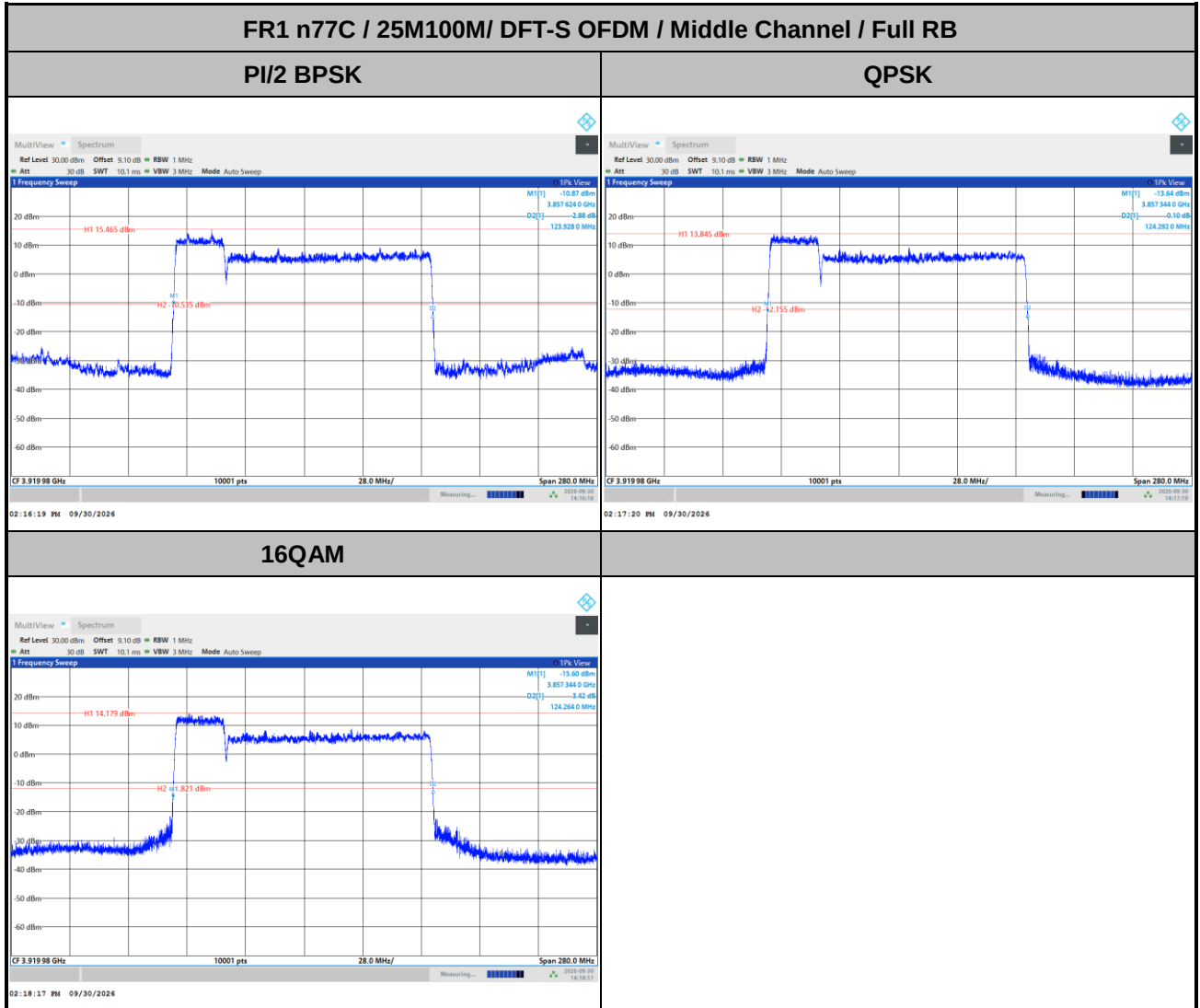
QPSK



16QAM



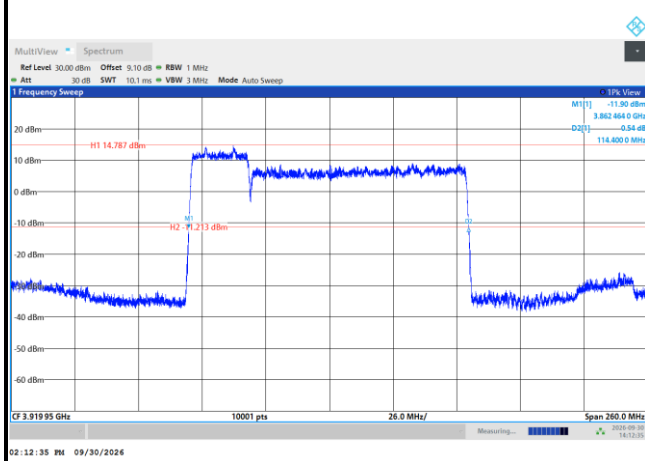




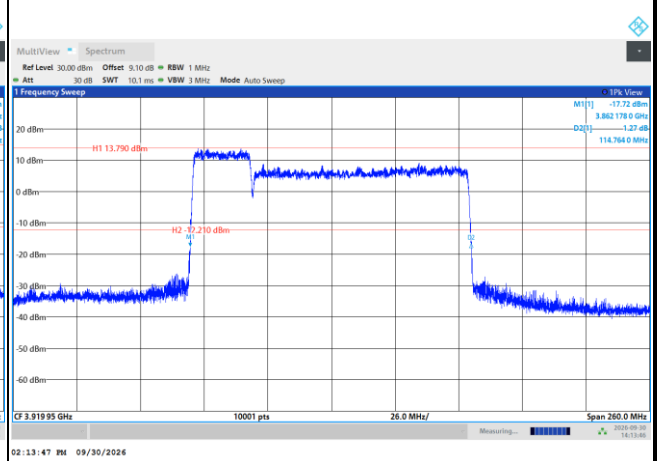


FR1 n77C / 25M90M/ DFT-S OFDM / Middle Channel / Full RB

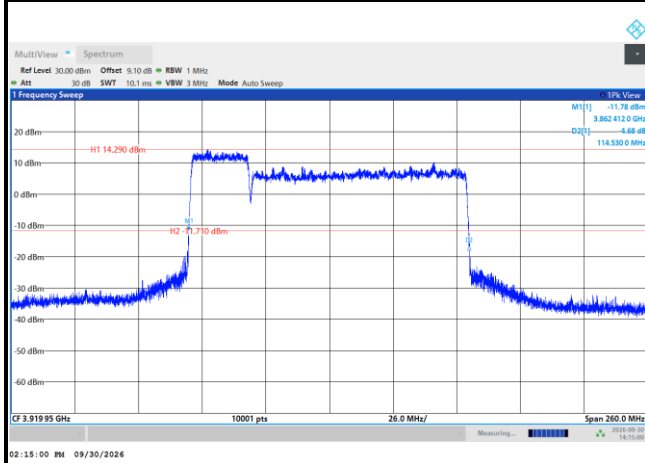
PI/2 BPSK



QPSK



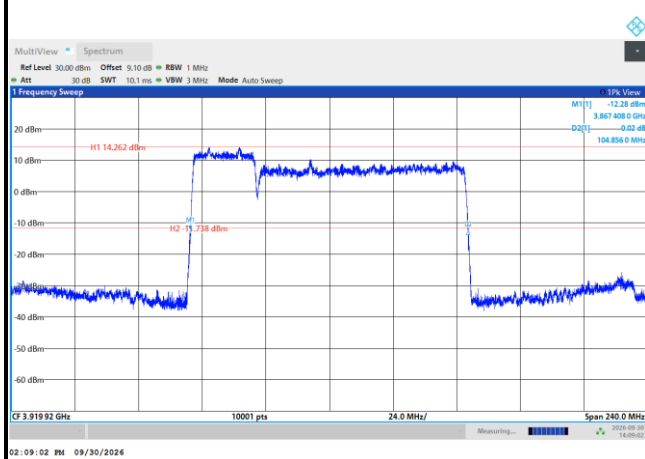
16QAM



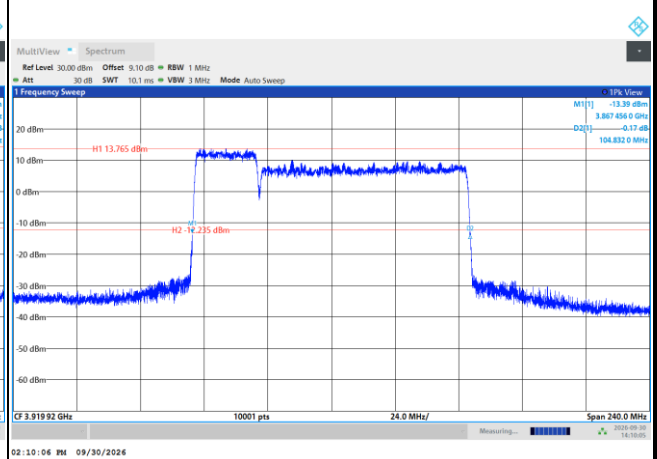


FR1 n77C / 25M80M/ DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM

