

**FR1 n70 / 10MHz / DFT-S OFDM / Middle Channel / Full RB**

QPSK



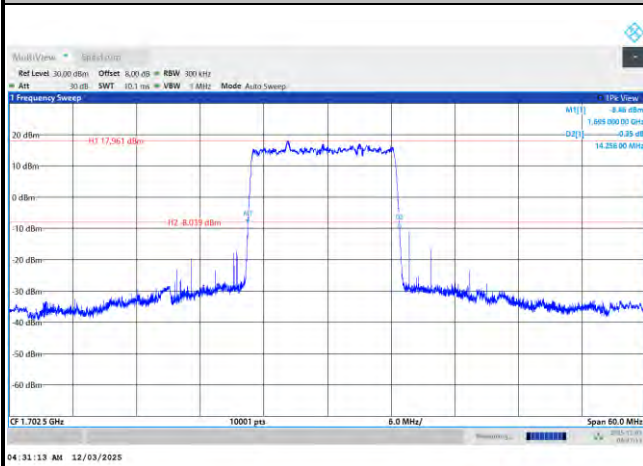
16QAM



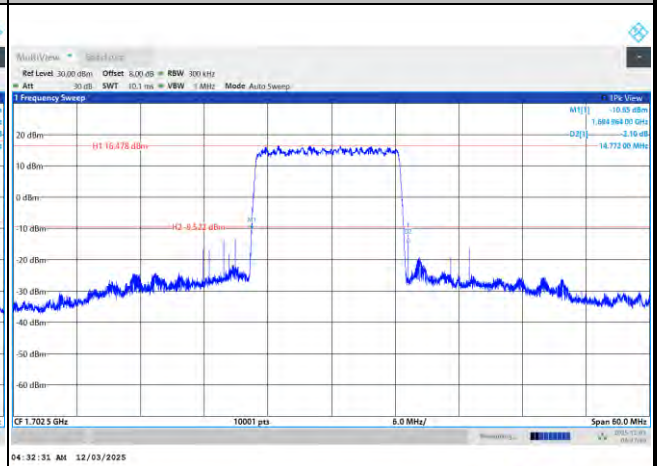


FR1 n70 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

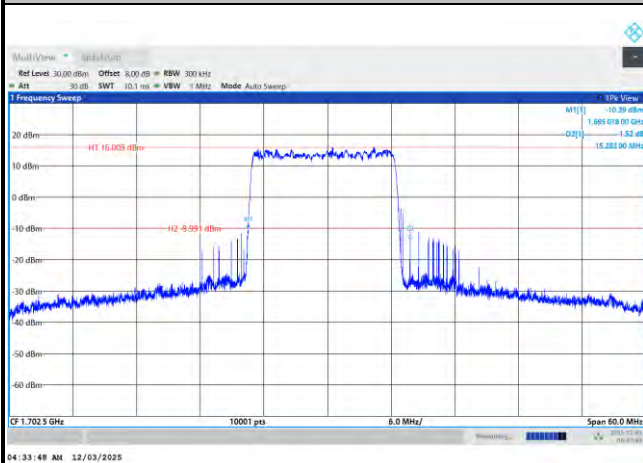
PI/2 BPSK



QPSK



16QAM



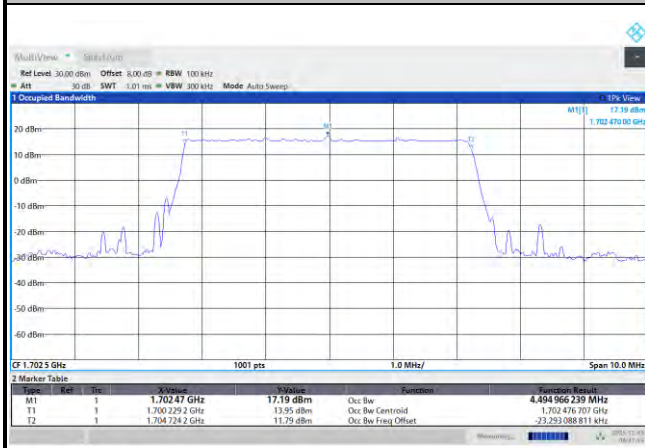
**Occupied Bandwidth**

Mode	FR1 n70 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	4.49	4.52	9.00	8.96	13.47	13.46		
Mod.	16QAM		16QAM		16QAM			
Middle CH	4.49		8.96		13.44			

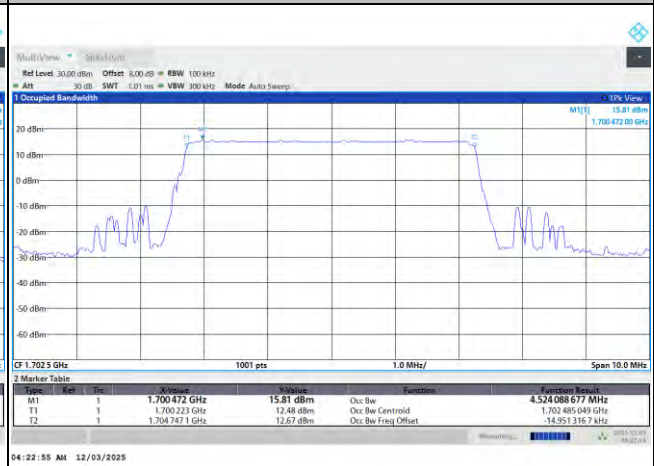


FR1 n70 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

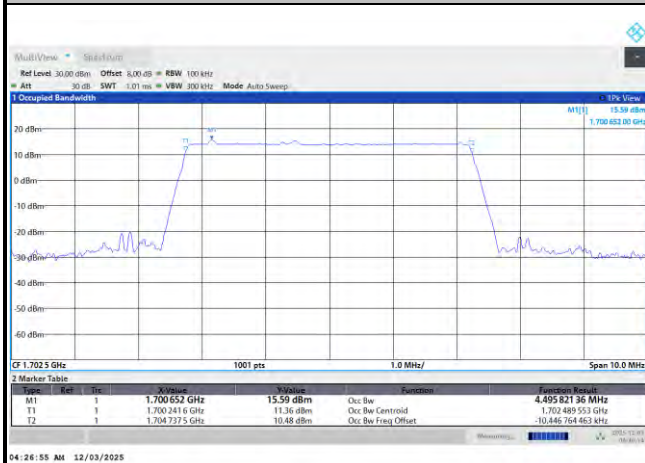
PI/2 BPSK



QPSK



16QAM



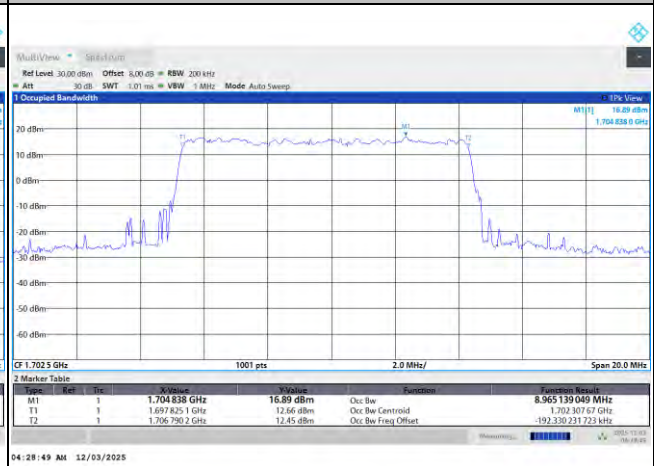


FR1 n70 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM





FR1 n70 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

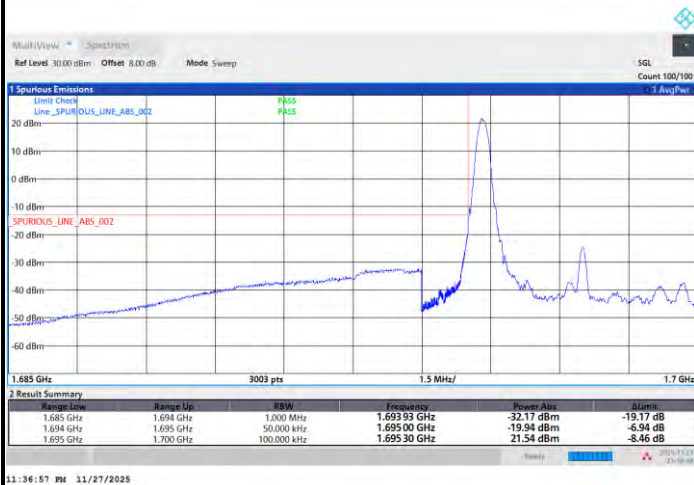
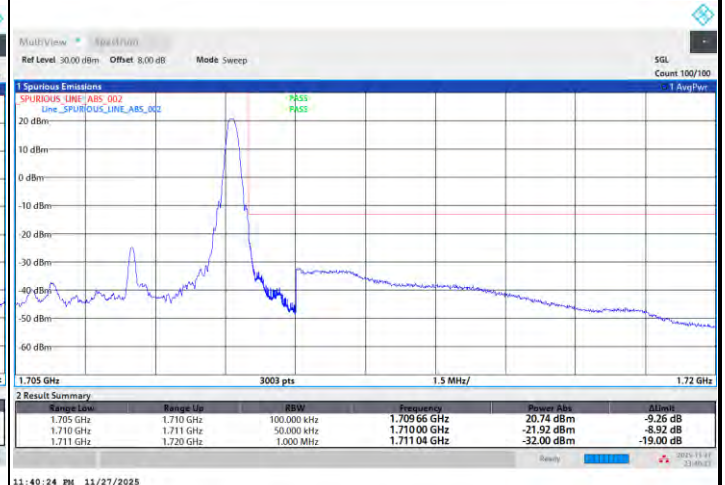
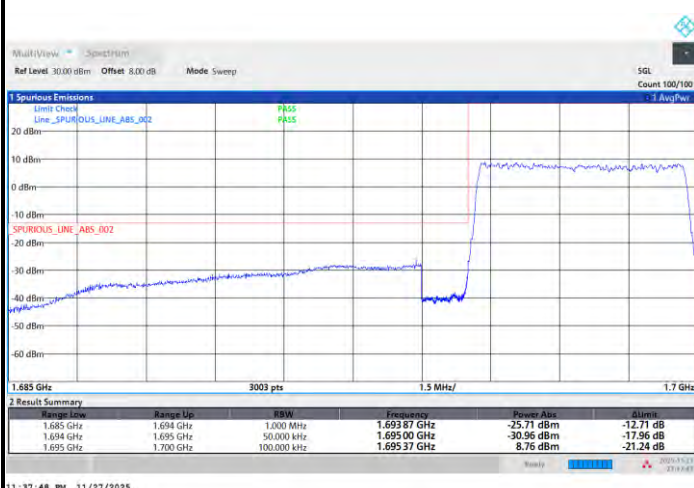


QPSK



16QAM



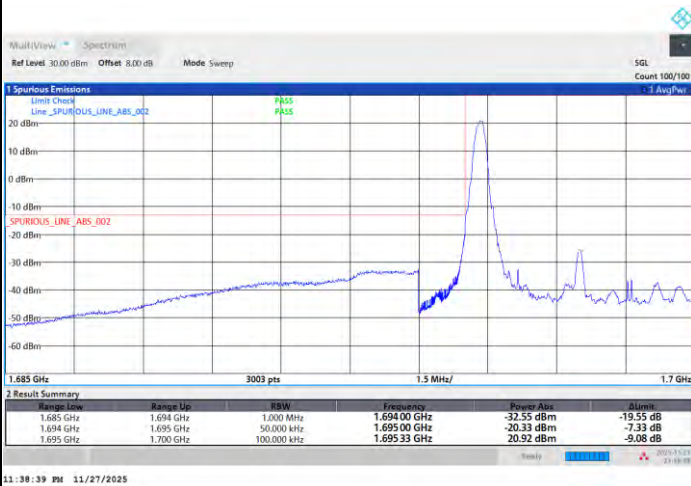
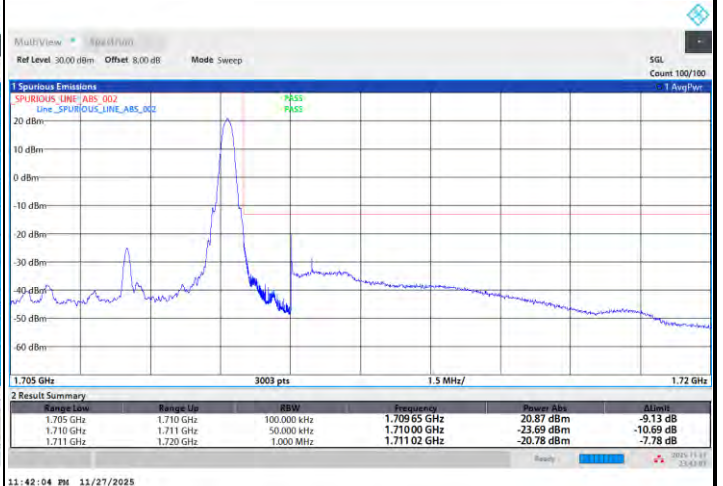
**Conducted Band Edge****FR1 n70 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



FR1 n70 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n70 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

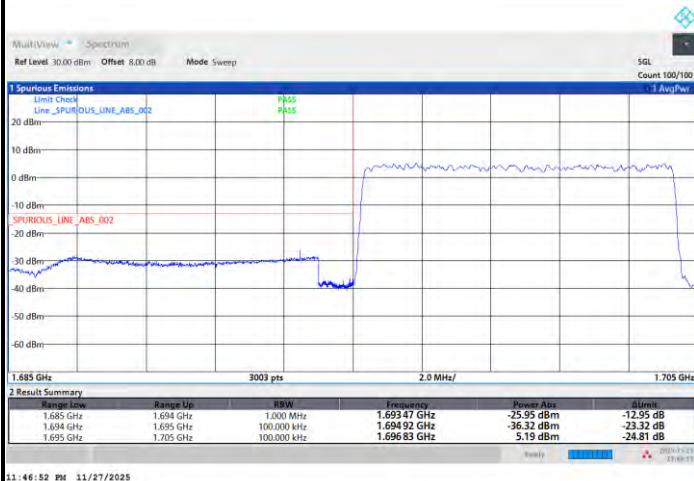
Highest Band Edge / Full RB



FR1 n70 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n70 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n70 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

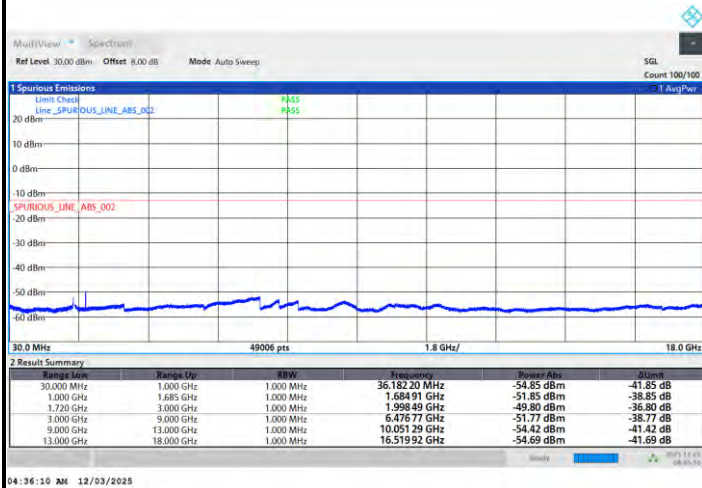




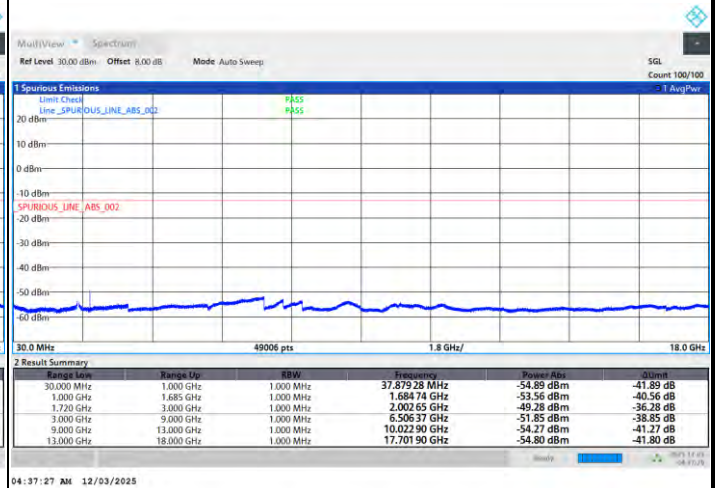
Conducted Spurious Emission

FR1 n70 / 5MHz / DFT-S OFDM / QPSK / 1RB1

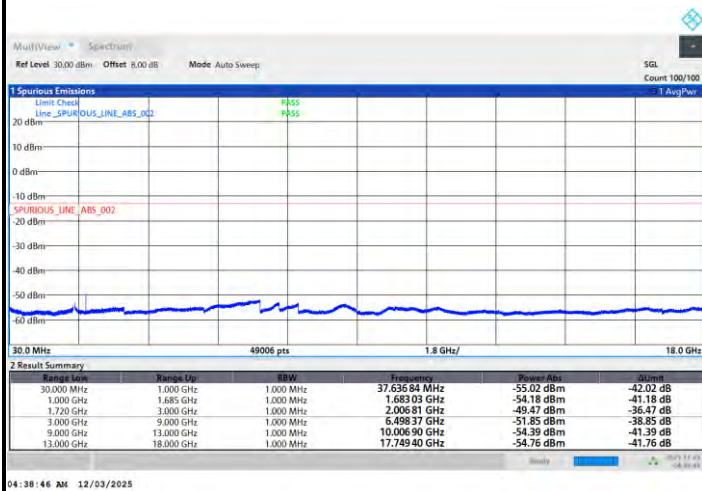
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

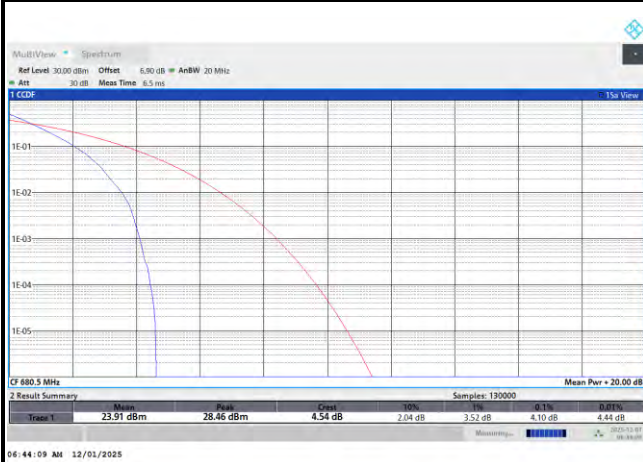
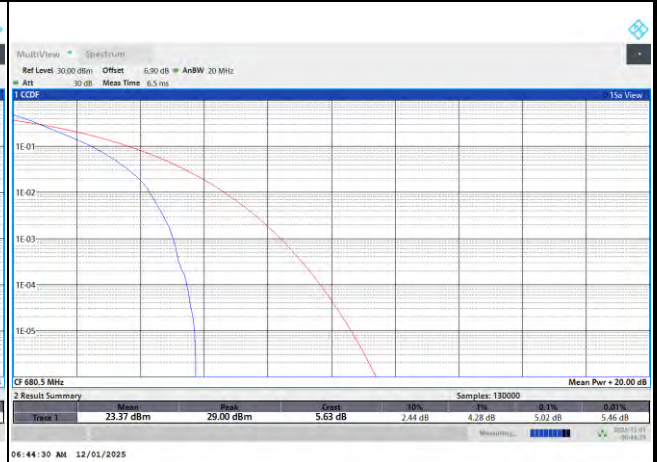
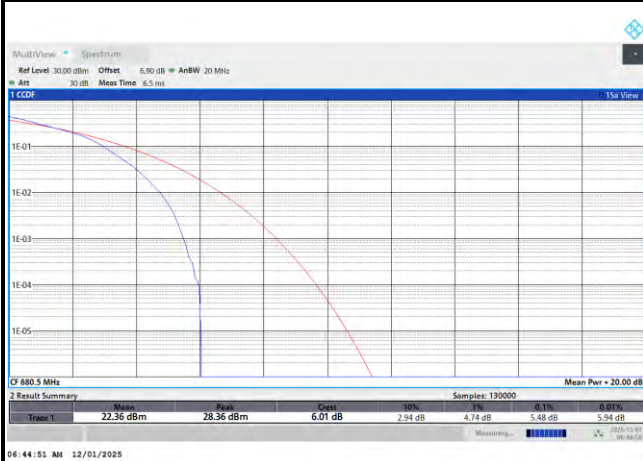
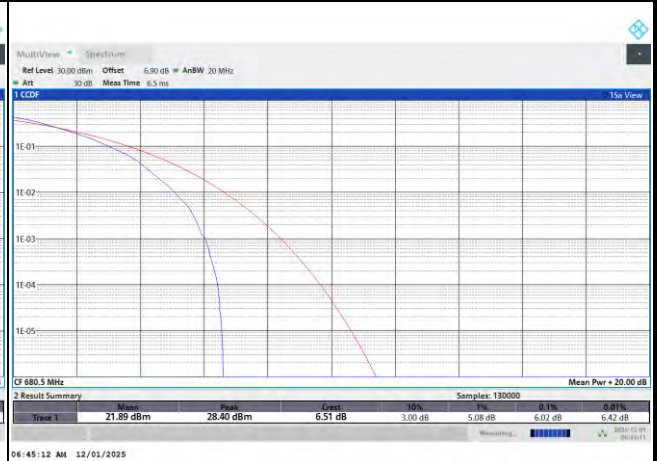
Test Conditions		FR1 n70 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0014	2.3	Yes	PASS
40	Normal Voltage	0.0006	1.1	Yes	
30	Normal Voltage	0.0018	3	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0087	14.8	Yes	
0	Normal Voltage	0.0017	2.9	Yes	
-10	Normal Voltage	0.0087	14.8	Yes	
-20	Normal Voltage	0.0002	0.3	Yes	
-30	Normal Voltage	0.0039	6.7	Yes	
20	Maximum Voltage	0.0058	9.9	Yes	
20	Normal Voltage	0.0094	16	Yes	
20	Minimum Voltage	0.0058	9.8	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 n71****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n71 / 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	5.02	5.48	6.02	PASS
Mode	FR1 n71 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.36				PASS

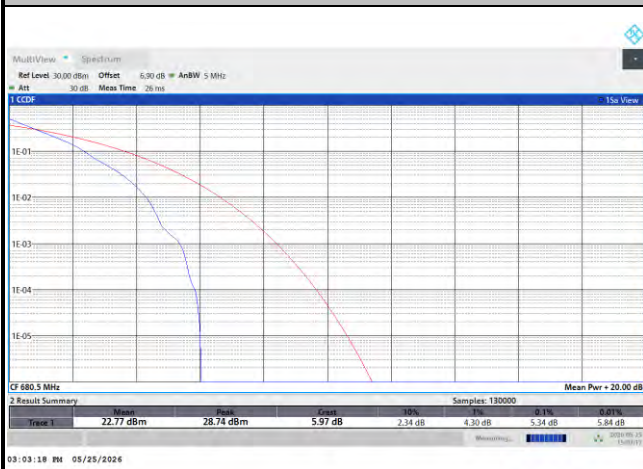
FR1 n71 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

QPSK

16QAM

64QAM

256QAM



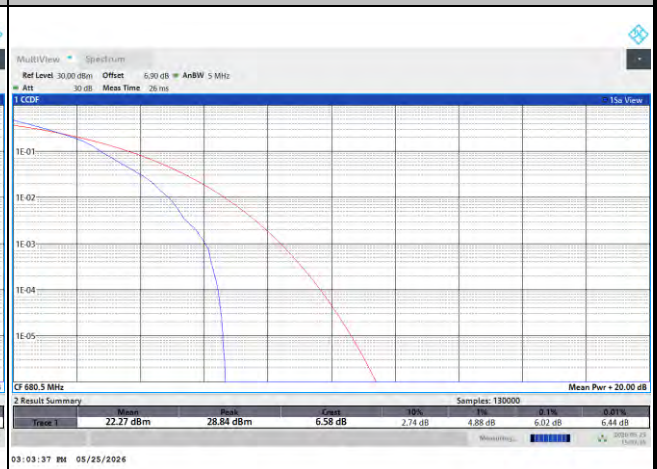

Mode	FR1 n71 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.34	6.02	PASS
Mode	FR1 n71 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	5.86	PASS
Mode	FR1 n71 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.96	PASS
Mode	FR1 n71 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.30	5.94	PASS
Mode	FR1 n71 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.30	5.90	PASS
Mode	FR1 n71 / 35MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	5.94	PASS

FR1 n71 / 5MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

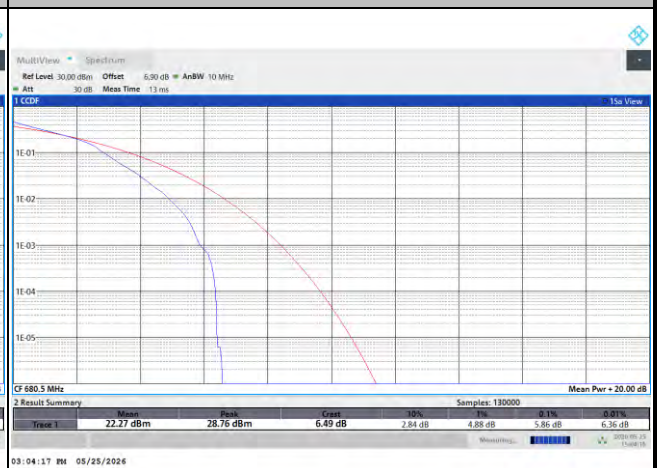


FR1 n71 / 10MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

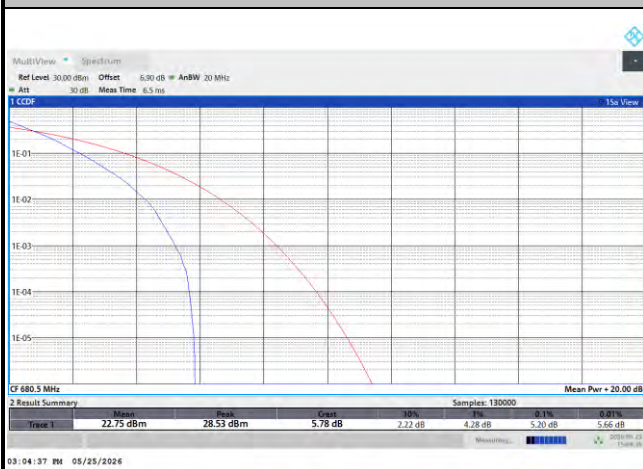


16QAM



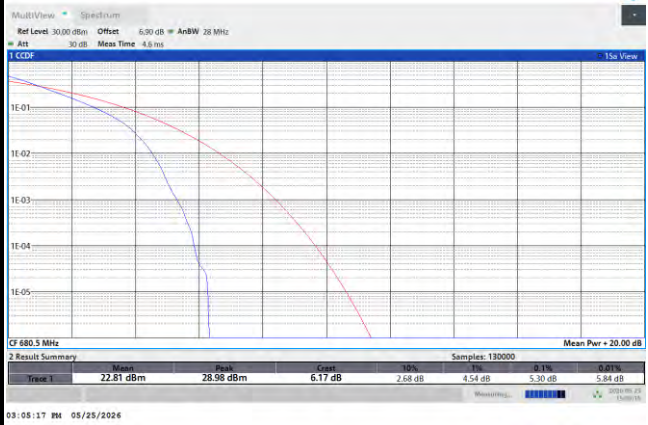
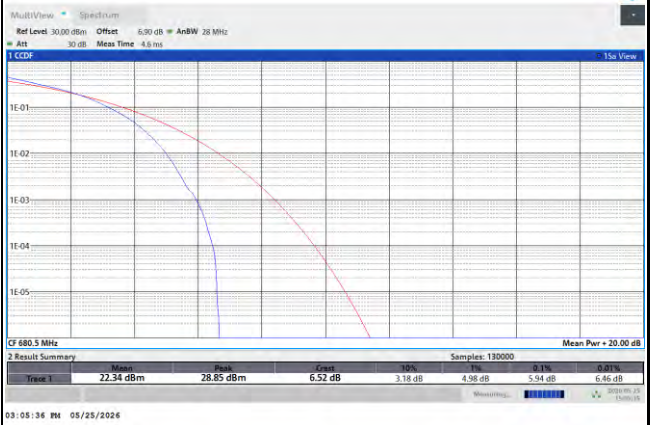
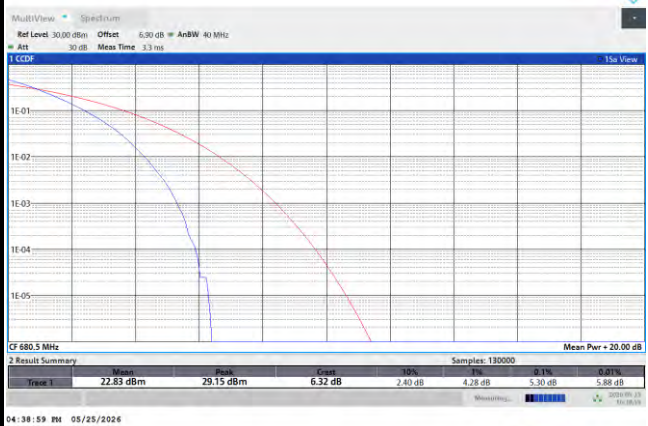
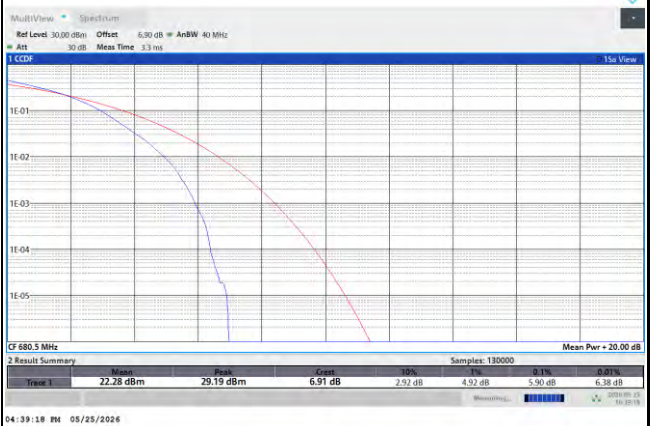
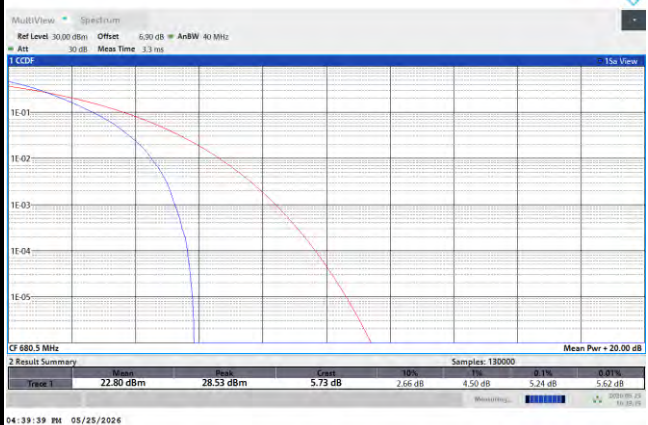
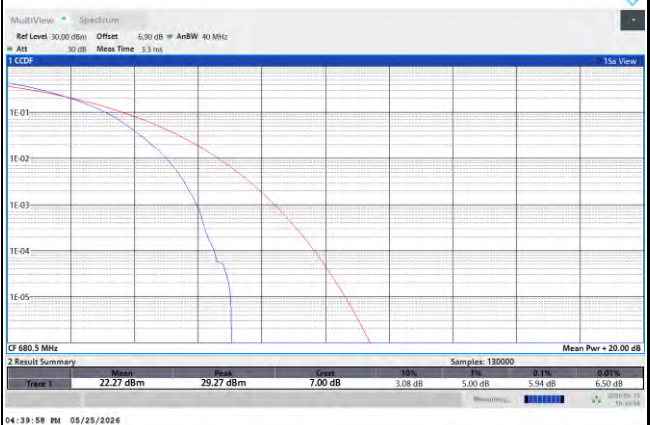
FR1 n71 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n71 / 25MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM

FR1 n71 / 30MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM

FR1 n71 / 35MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM


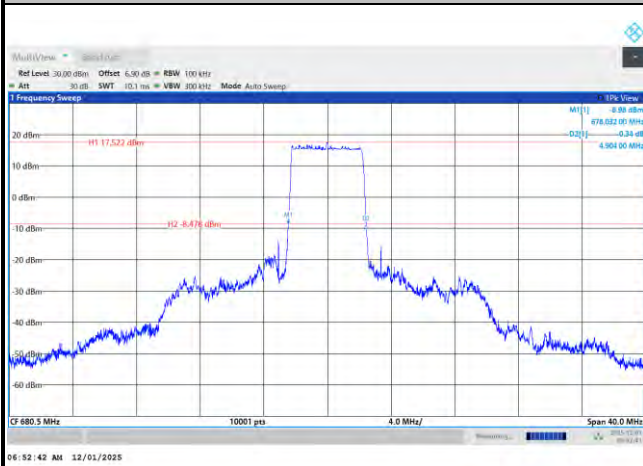
**26dB Bandwidth**

Mode	FR1 n71 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	4.90	5.10	9.58	9.80	14.30	14.32	19.18	19.50
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	4.96		9.61		15.22		19.46	
BW	25MHz		30MHz		35MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	24.75	24.97	32.29	31.55	42.63	42.90		
Mod.	16QAM		16QAM		16QAM			
Middle CH	24.28		35.17		44.73			

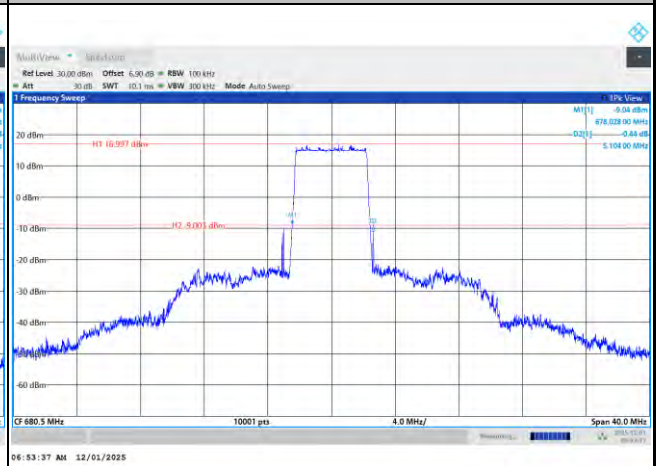


FR1 n71 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

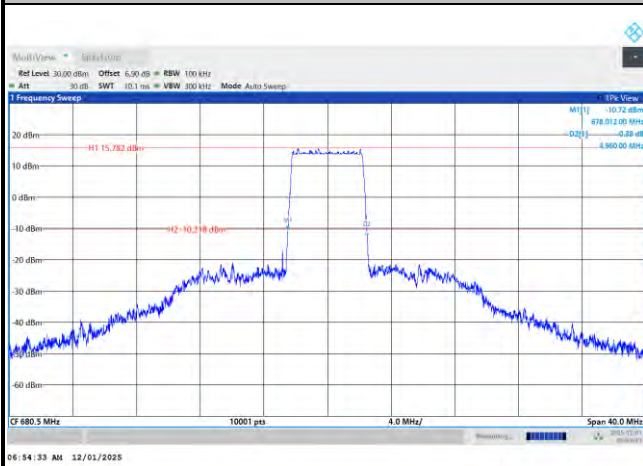
PI/2 BPSK



QPSK



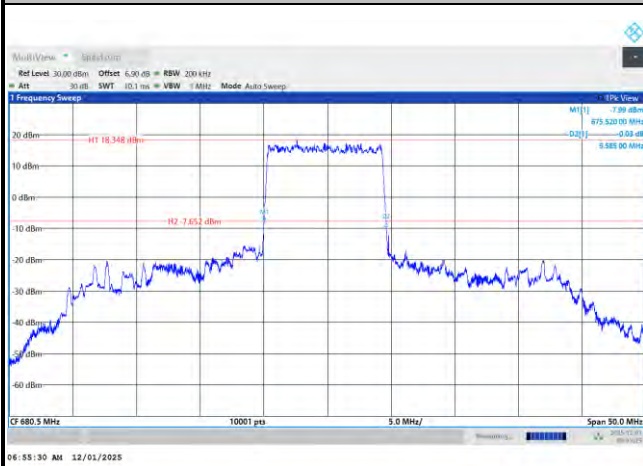
16QAM



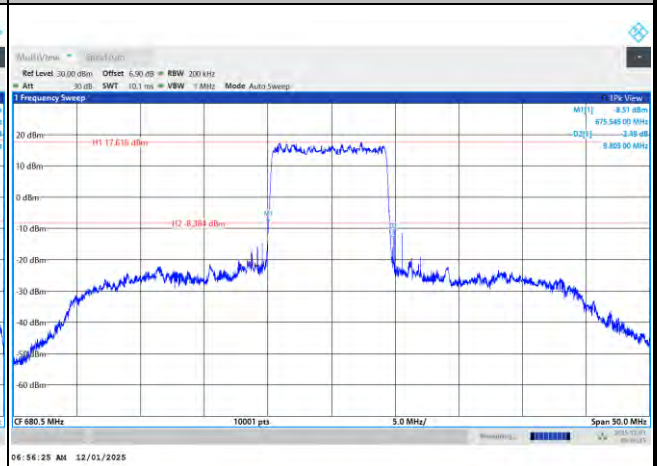


FR1 n71 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

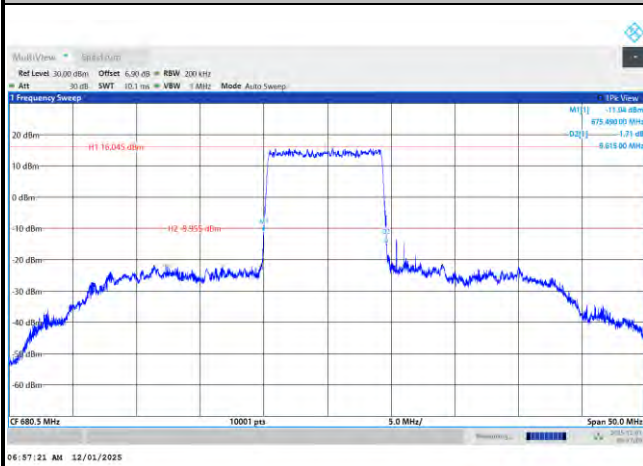
PI/2 BPSK



QPSK

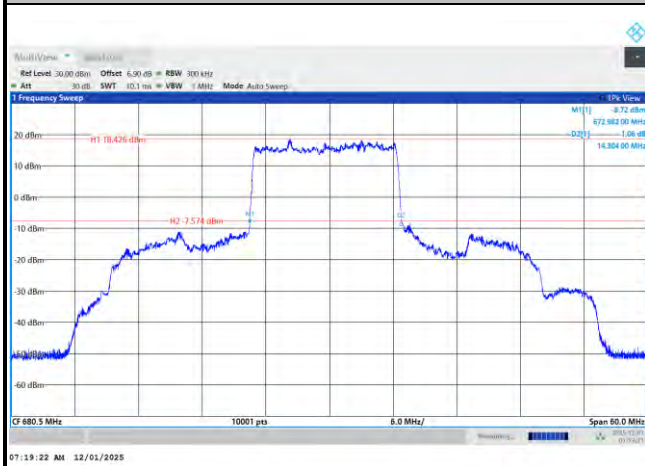


16QAM

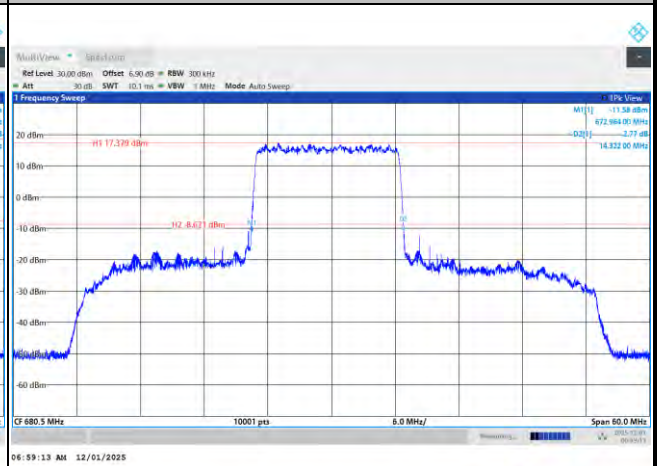


FR1 n71 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

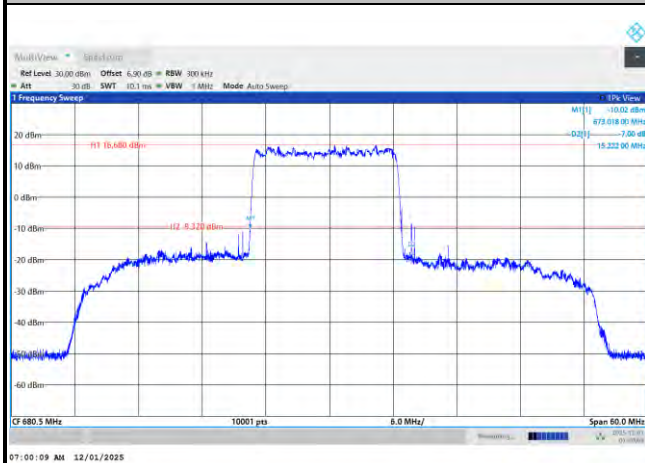
PI/2 BPSK



QPSK



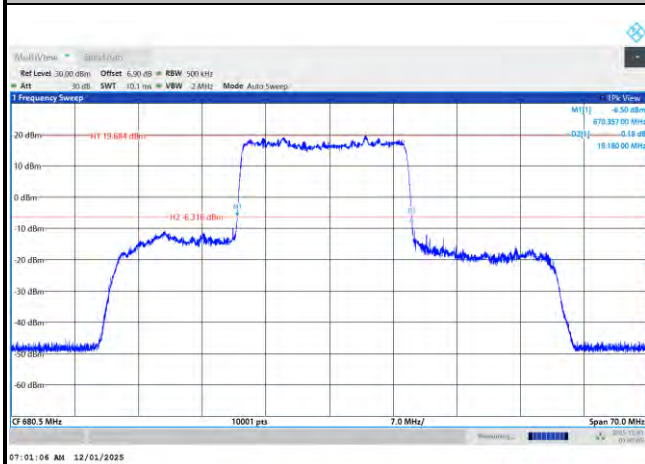
16QAM



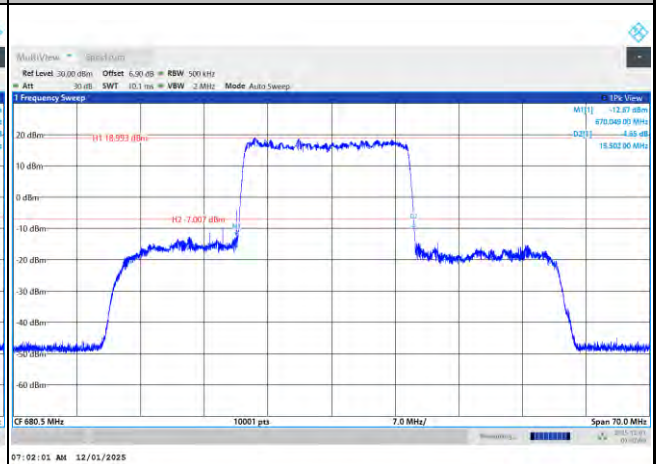


FR1 n71 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

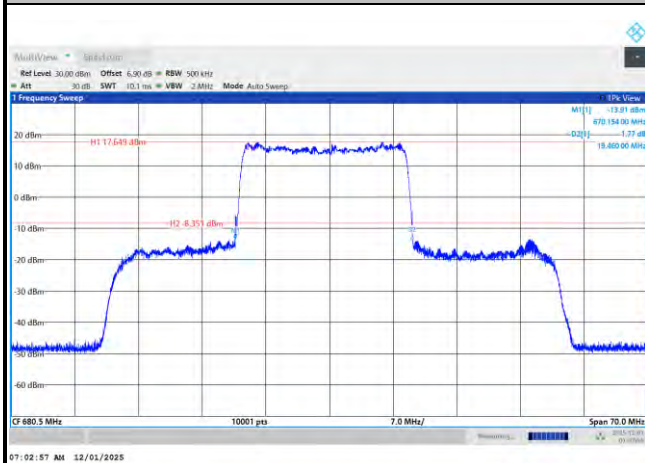
PI/2 BPSK



QPSK



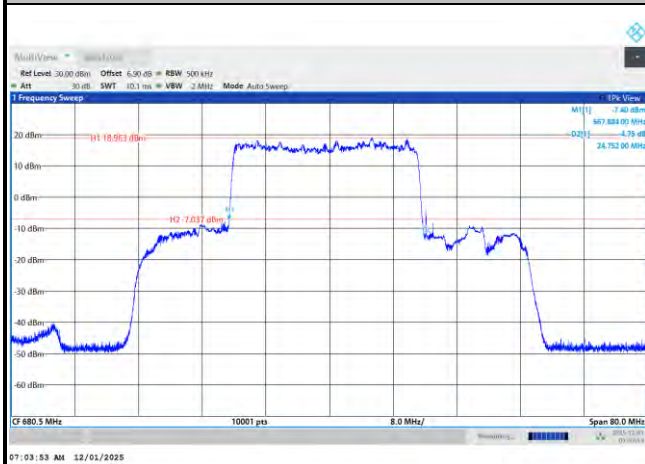
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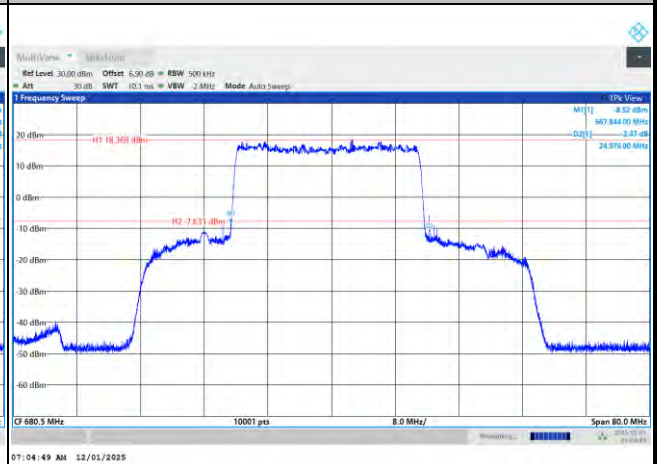


FR1 n71 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

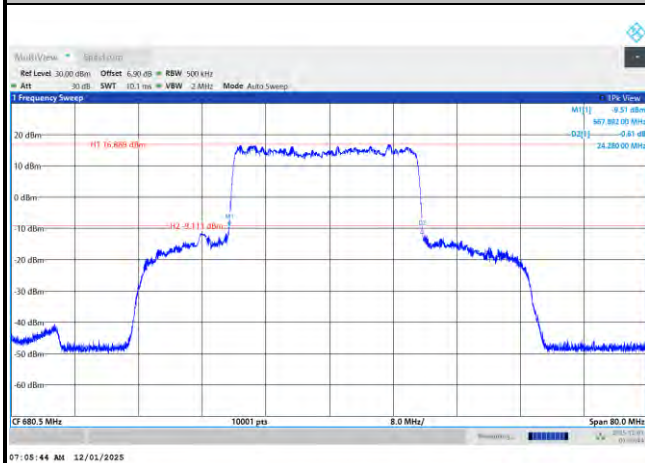
PI/2 BPSK



QPSK



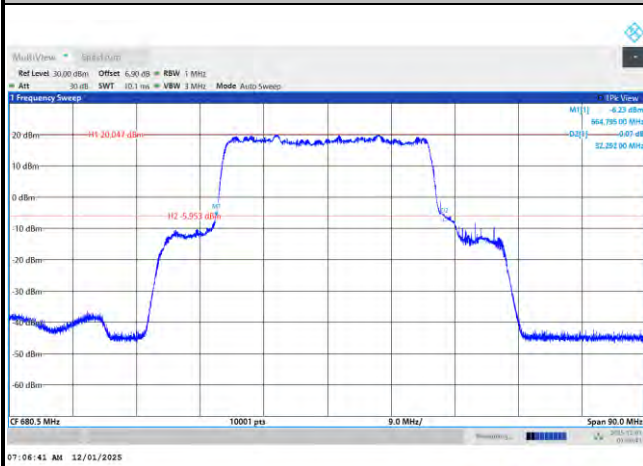
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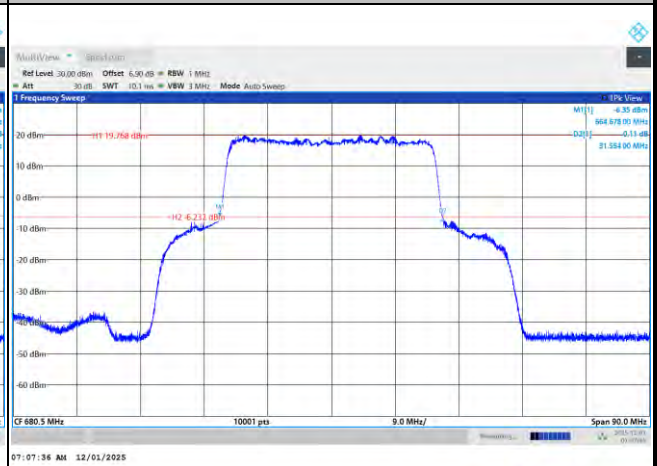


FR1 n71 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

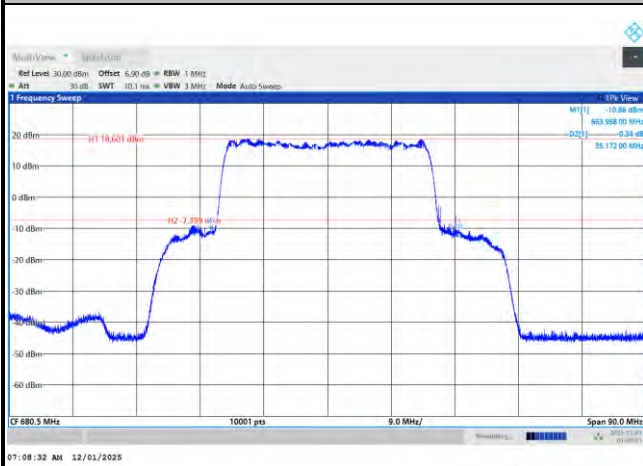
PI/2 BPSK



QPSK



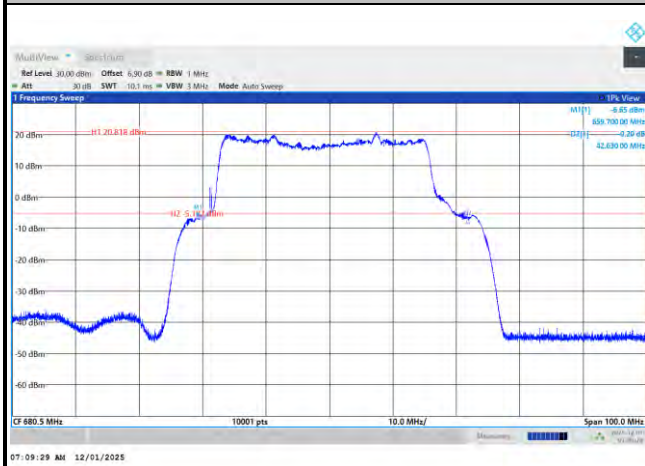
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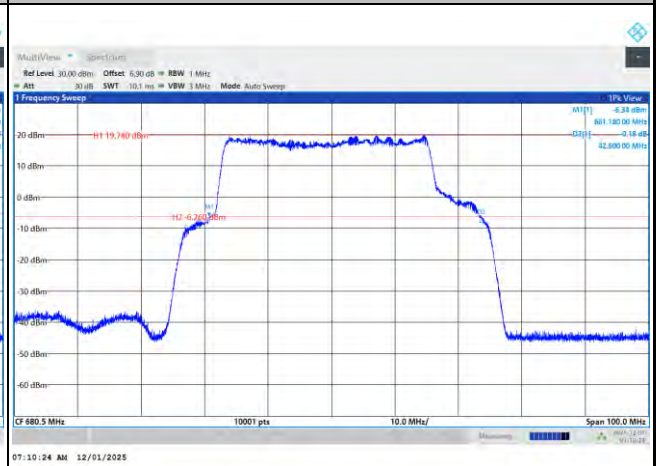


FR1 n71 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

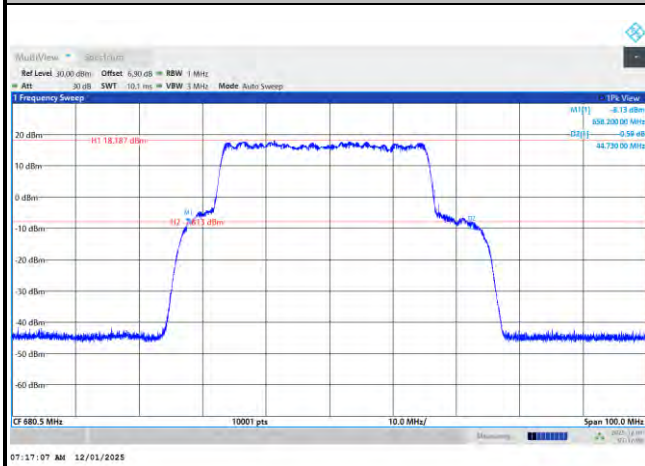
PI/2 BPSK



QPSK



16QAM



**Occupied Bandwidth**

Mode	FR1 n71 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	4.50	4.49	9.01	8.96	13.51	13.45	18.08	18.03
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	4.49		8.95		13.43		18.01	
BW	25MHz		30MHz		35MHz			
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	23.07	22.99	29.09	29.01	32.93	32.97		
Mod.	16QAM		16QAM		16QAM			
Middle CH	22.97		28.93		33.07			



FR1 n71 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM





FR1 n71 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



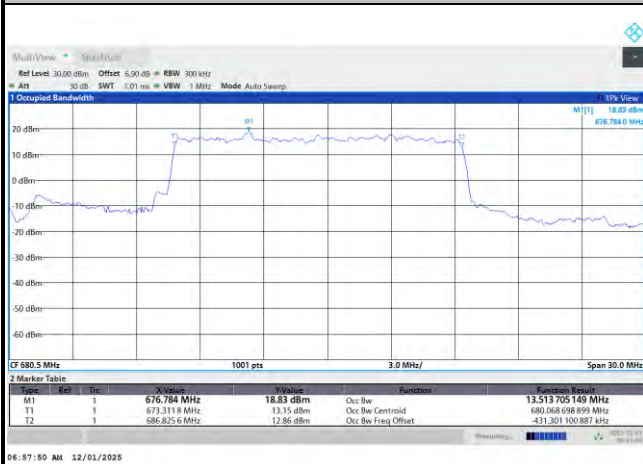
16QAM



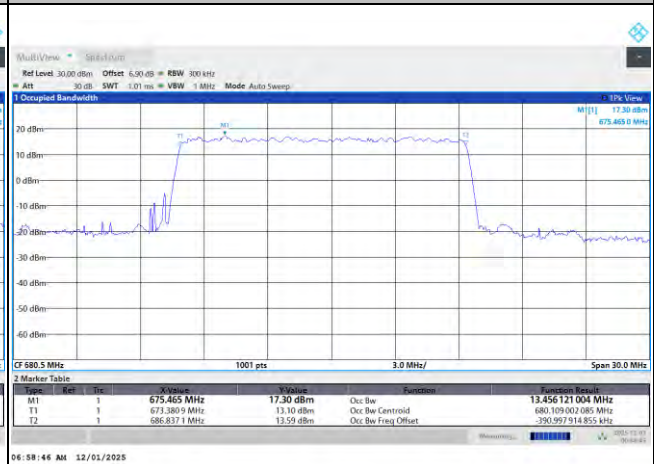


FR1 n71 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



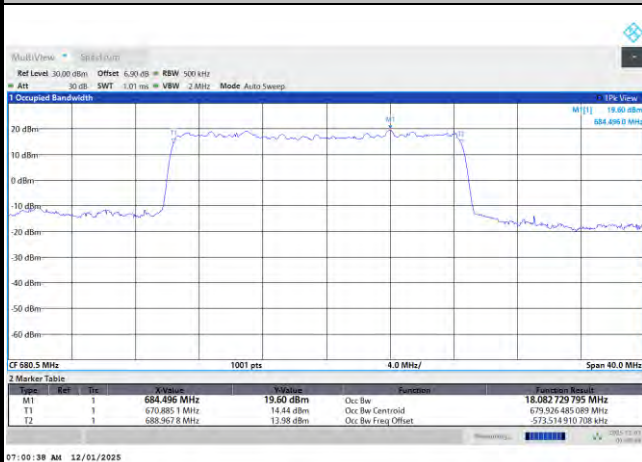
16QAM



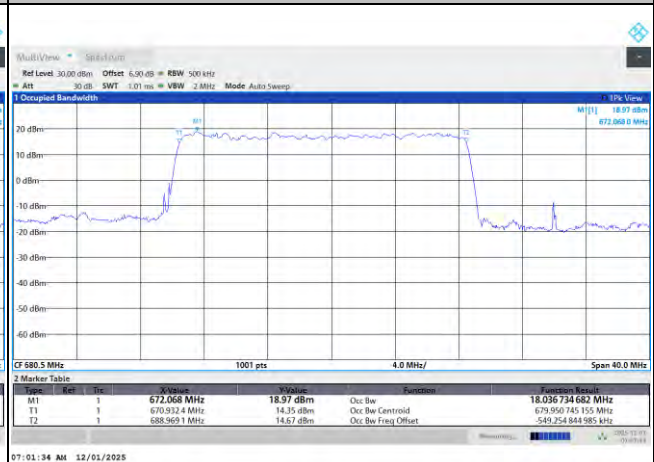


FR1 n71 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

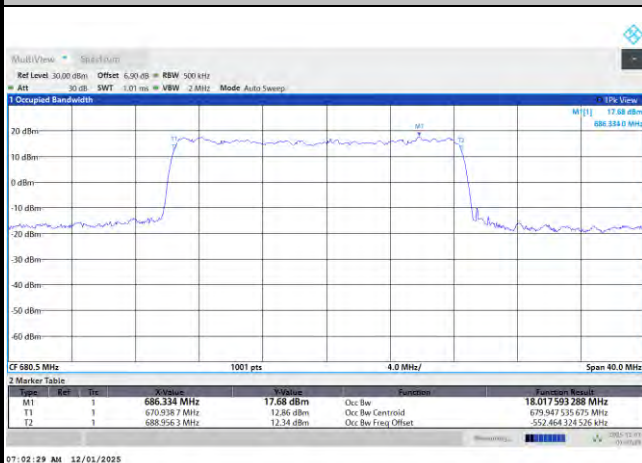
PI/2 BPSK



QPSK



16QAM





FR1 n71 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

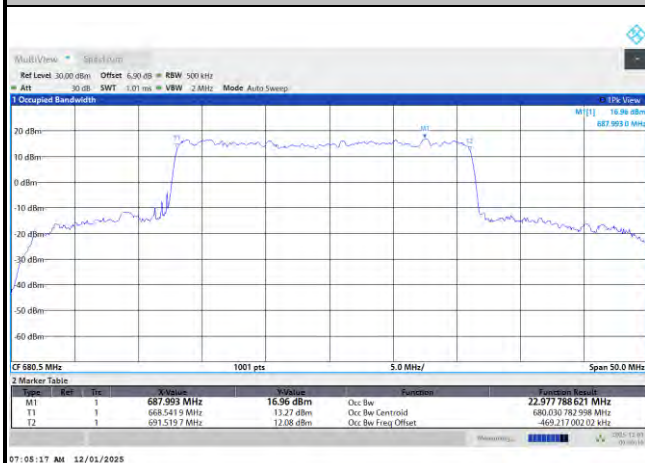
PI/2 BPSK



QPSK



16QAM





FR1 n71 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



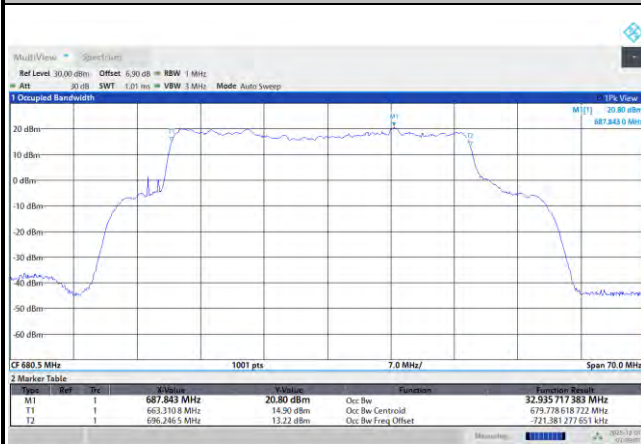
16QAM





FR1 n71 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM





Conducted Band Edge

FR1 n71 / 5MHz / DFT-S OFDM / PI/2 BPSK

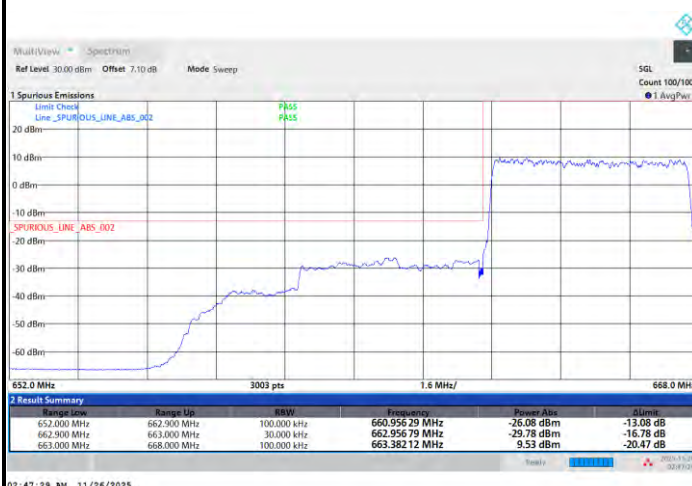
Lowest Band Edge / 1RB0



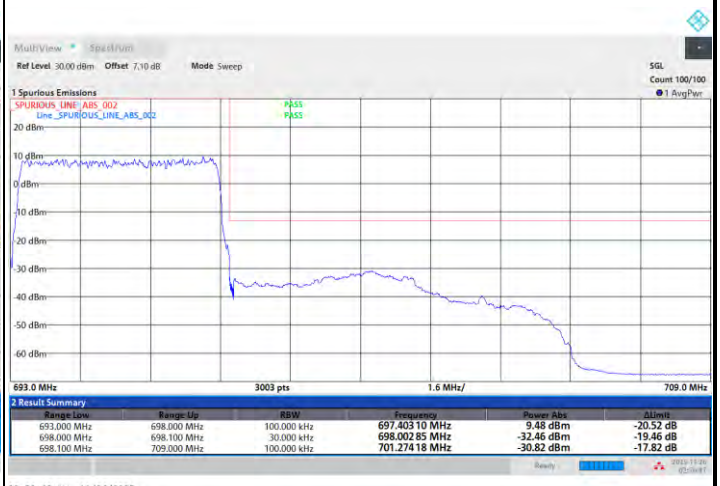
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

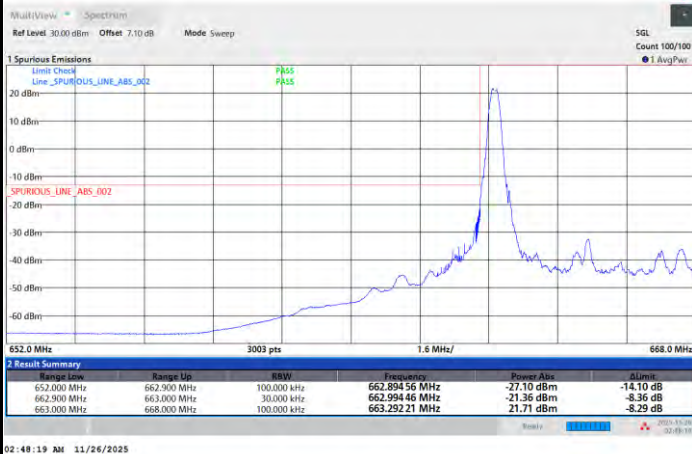
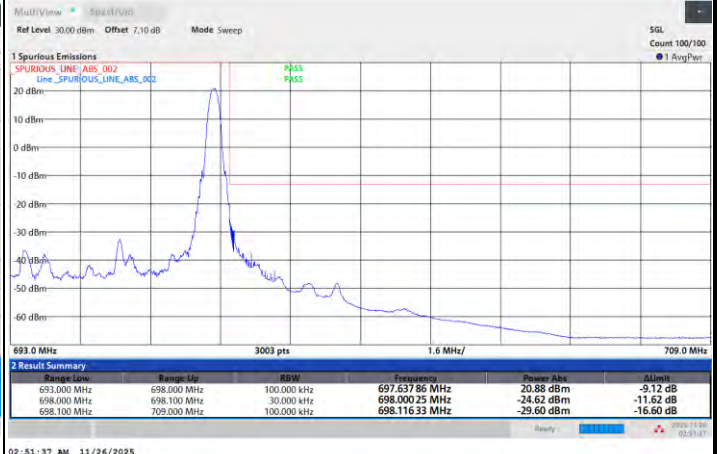




FR1 n71 / 5MHz / DFT-S OFDM / QPSK

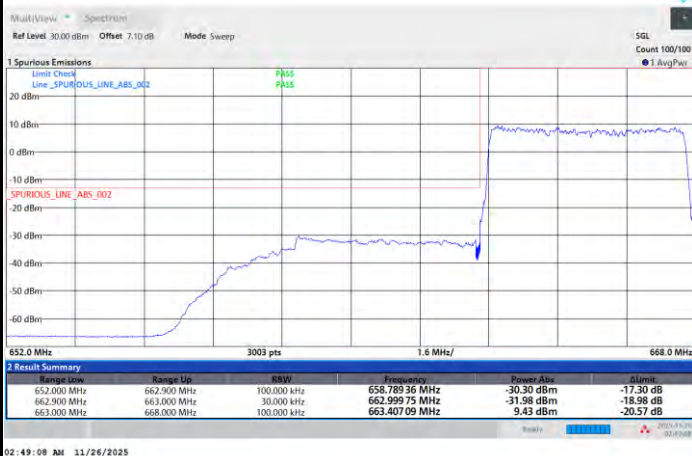
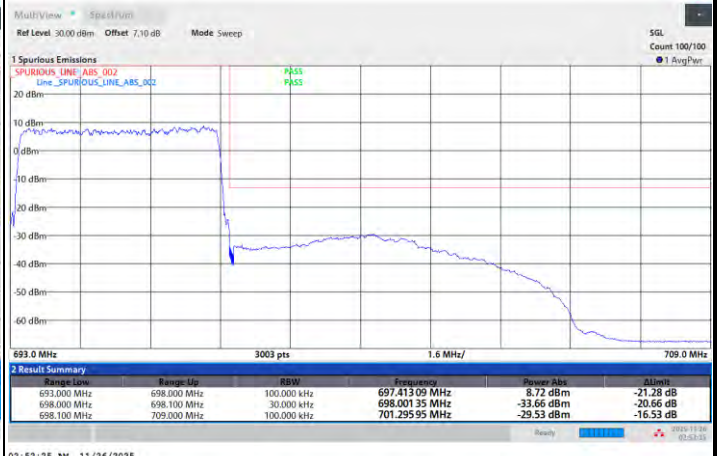
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n71 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n71 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n71 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

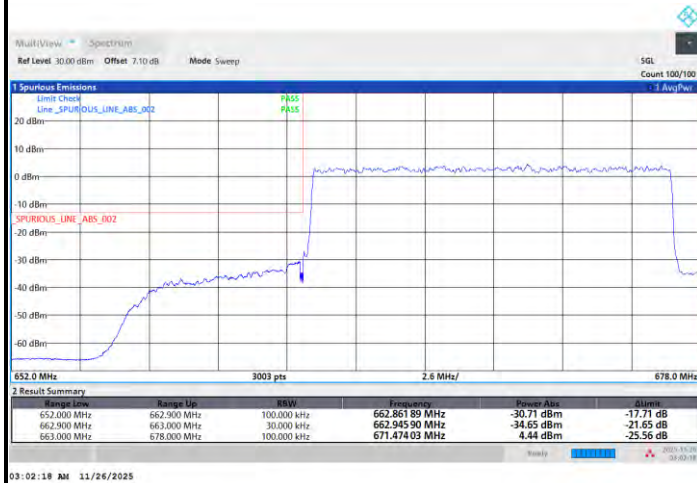


Highest Band Edge / Full RB



FR1 n71 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



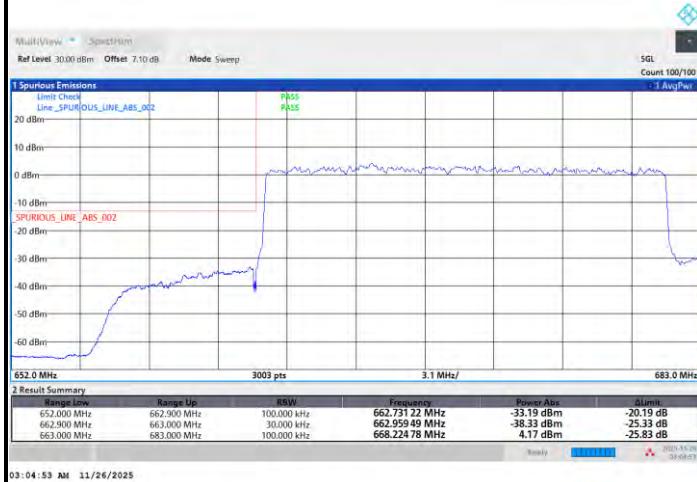
Highest Band Edge / Full RB



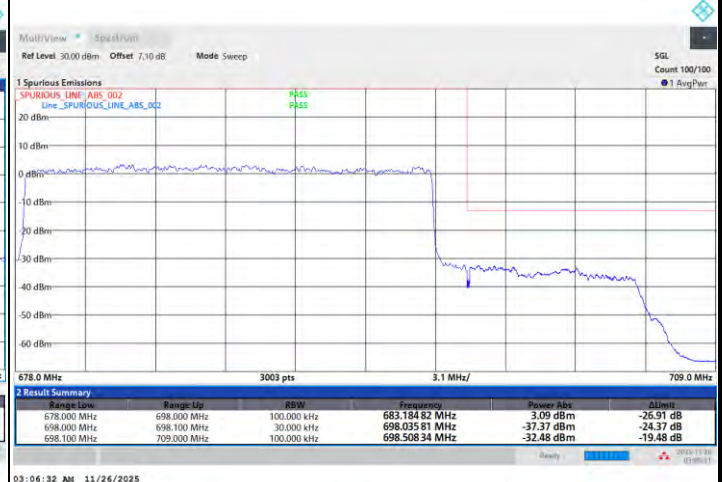


FR1 n71 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

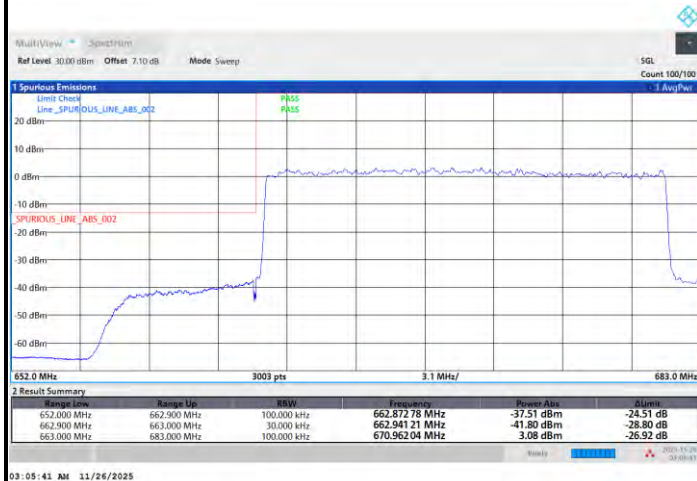


Highest Band Edge / Full RB



FR1 n71 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



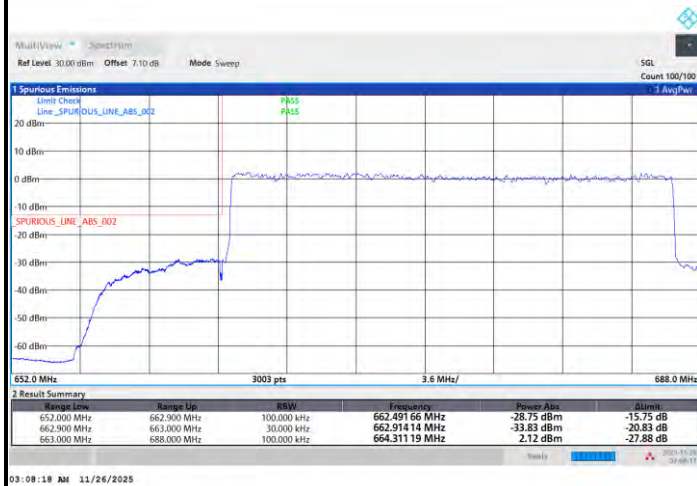
Highest Band Edge / Full RB





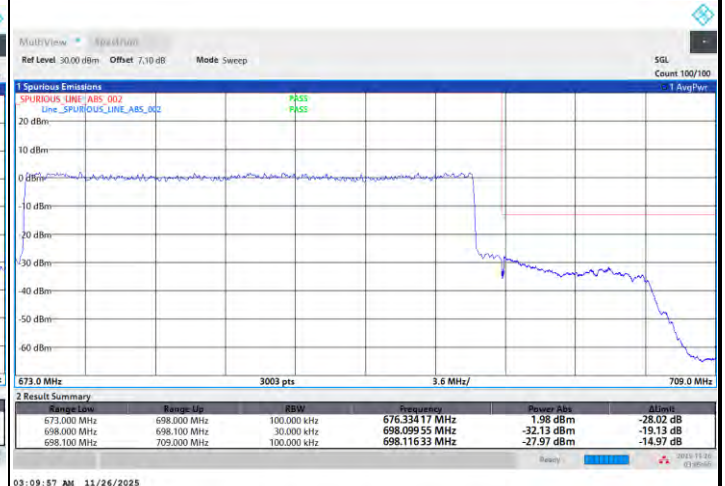
FR1 n71 / 25MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



03:08:18 AM 11/26/2025

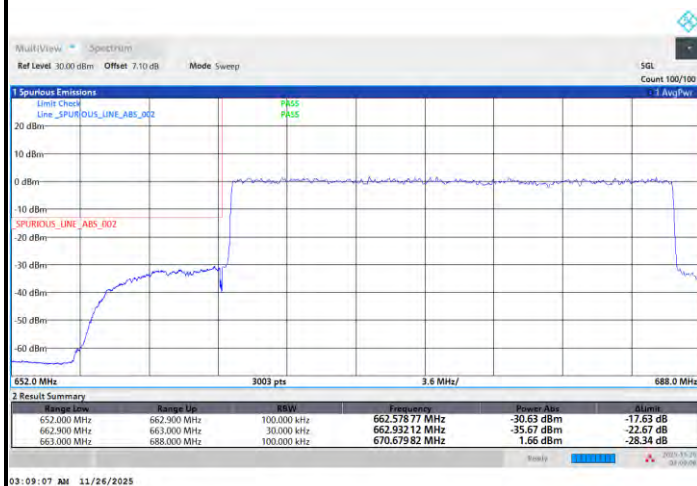
Highest Band Edge / Full RB



03:09:57 AM 11/26/2025

FR1 n71 / 25MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



03:09:07 AM 11/26/2025

Highest Band Edge / Full RB

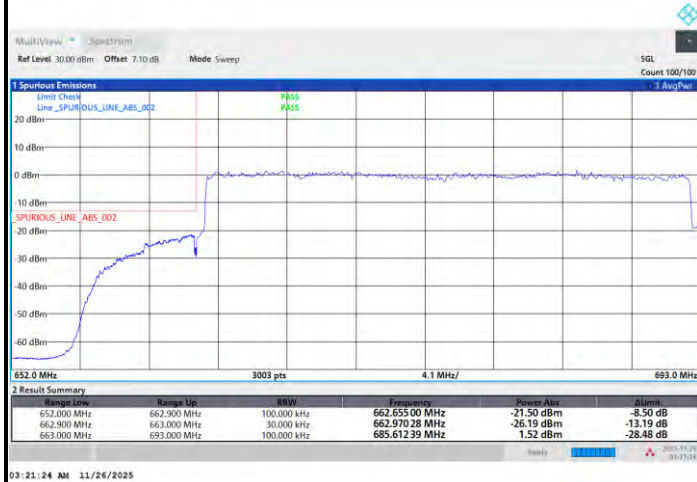


03:10:45 AM 11/26/2025

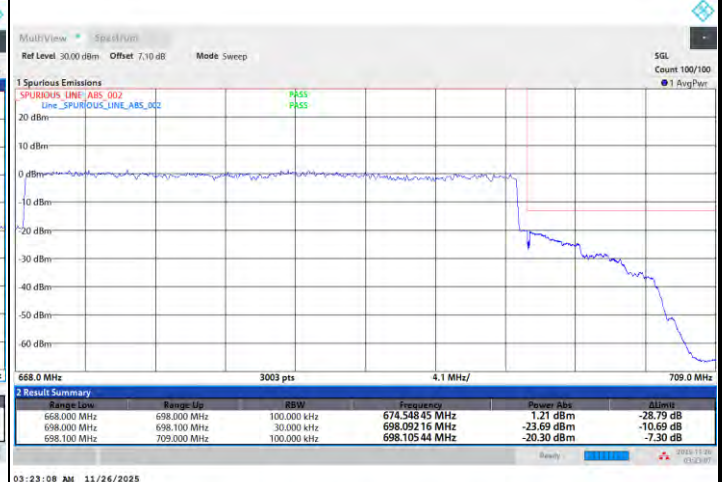


FR1 n71 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

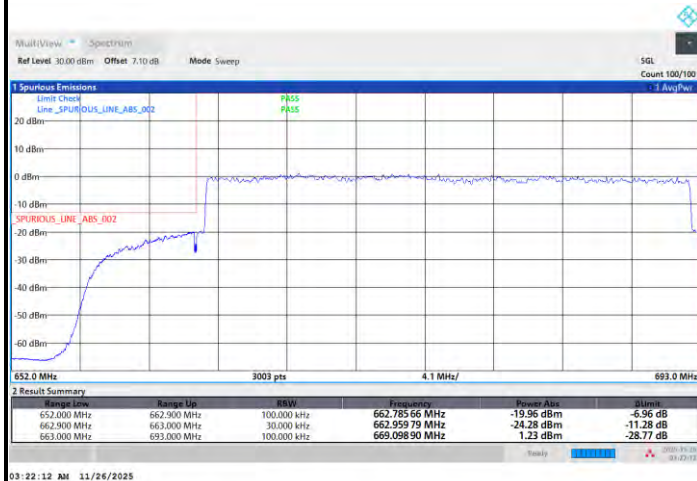


Highest Band Edge / Full RB

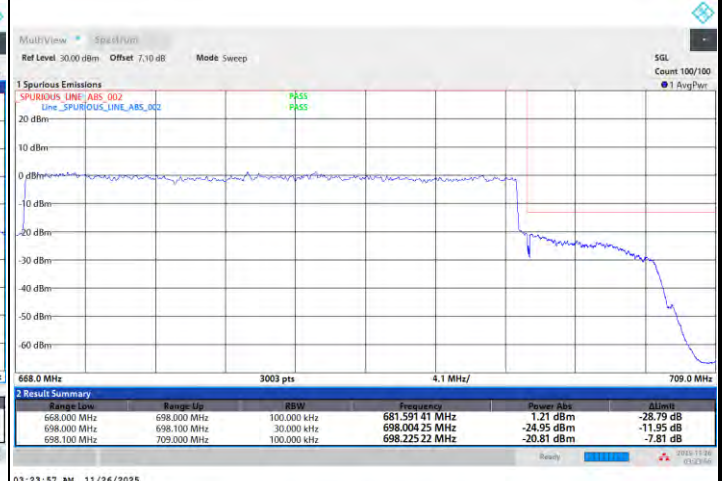


FR1 n71 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

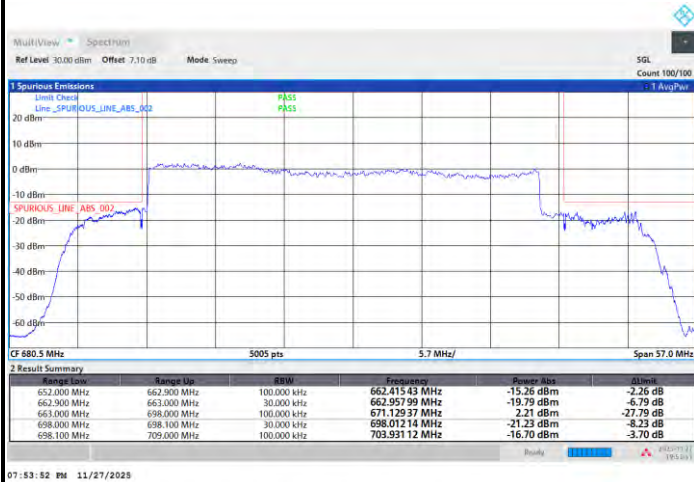
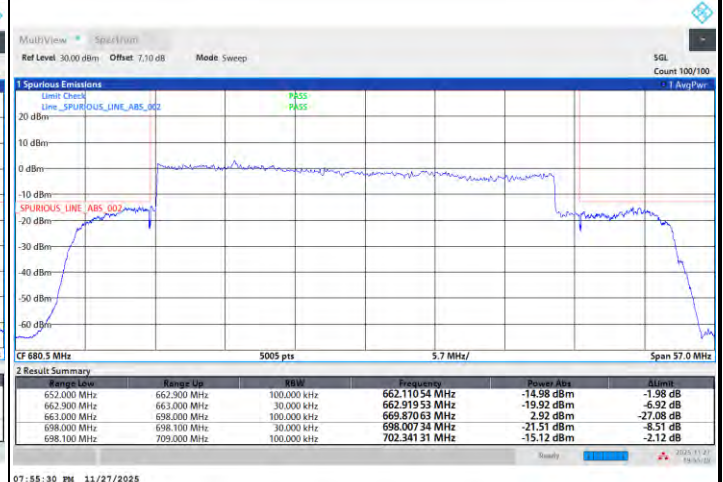




FR1 n71 / 35MHz / DFT-S OFDM

Middle Band Edge / Full RB / PI/2 BPSK

Middle Band Edge / Full RB / QPSK

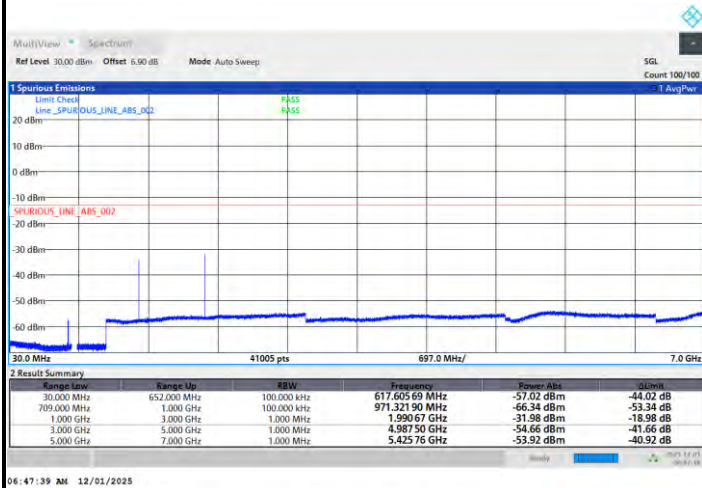




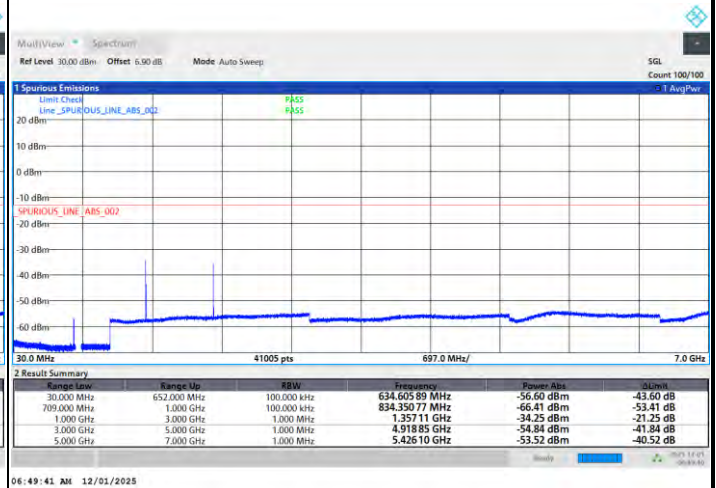
Conducted Spurious Emission

FR1 n71 / 5MHz / DFT-S OFDM / QPSK / 1RB1

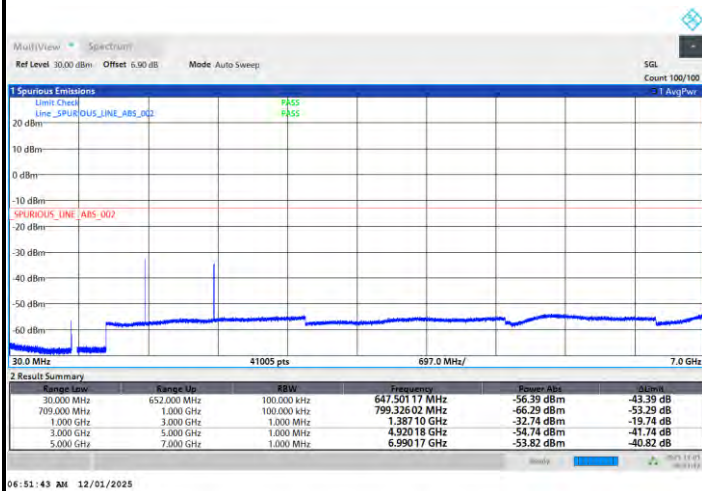
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n71 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0166	-11.3	Yes	PASS
40	Normal Voltage	0.0110	-7.5	Yes	
30	Normal Voltage	0.0200	-13.6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0181	-12.3	Yes	
0	Normal Voltage	0.0043	2.9	Yes	
-10	Normal Voltage	0.0048	3.3	Yes	
-20	Normal Voltage	0.0066	-4.5	Yes	
-30	Normal Voltage	0.0160	-10.9	Yes	
20	Maximum Voltage	0.0051	3.5	Yes	
20	Normal Voltage	0.0015	1	Yes	
20	Minimum Voltage	0.0040	2.7	Yes	

Note:

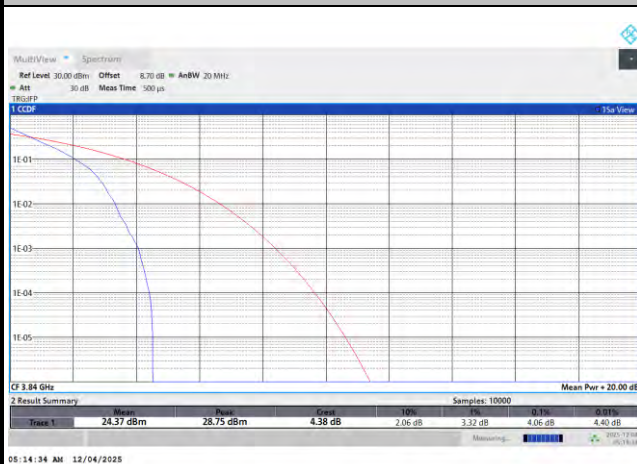
1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency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

**FR1 n77_Part27O****<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	4.06	5.00	5.98	6.16	PASS
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.40				PASS

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

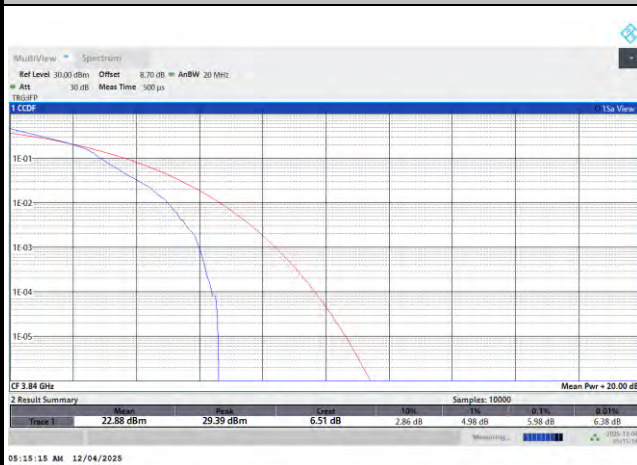
PI/2 BPSK



QPSK



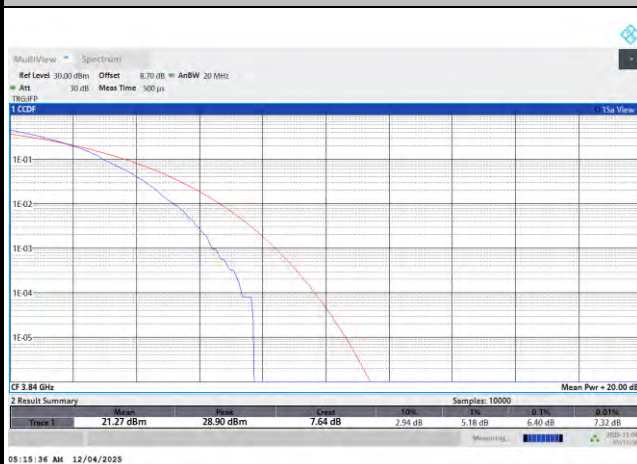
16QAM



64QAM



256QAM



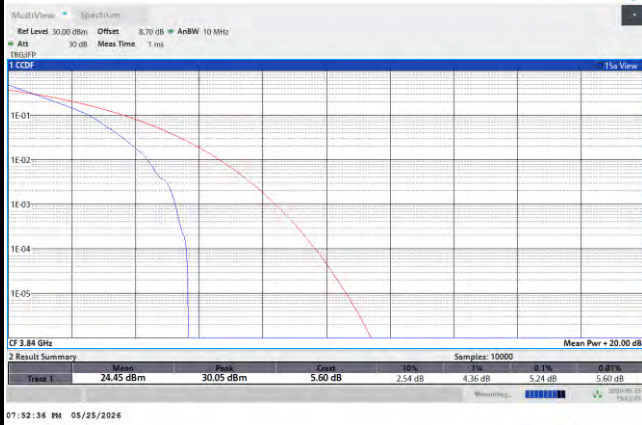
Mode	FR1 n77 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	5.84	PASS
Mode	FR1 n77 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	5.86	PASS
Mode	FR1 n77 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.98	5.70	PASS
Mode	FR1 n77 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.22	5.92	PASS
Mode	FR1 n77 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.90	PASS
Mode	FR1 n77 / 50MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.14	5.82	PASS
Mode	FR1 n77 / 60MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.76	PASS
Mode	FR1 n77 / 70MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	6.06	PASS
Mode	FR1 n77 / 80MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.26	6.20	PASS



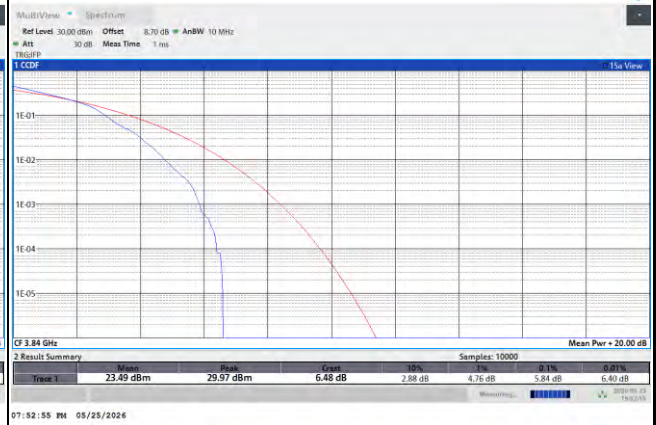
Mode	FR1 n77 / 90MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.30	6.02	PASS
Mode	FR1 n77 / 100MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.88	PASS

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

QPSK

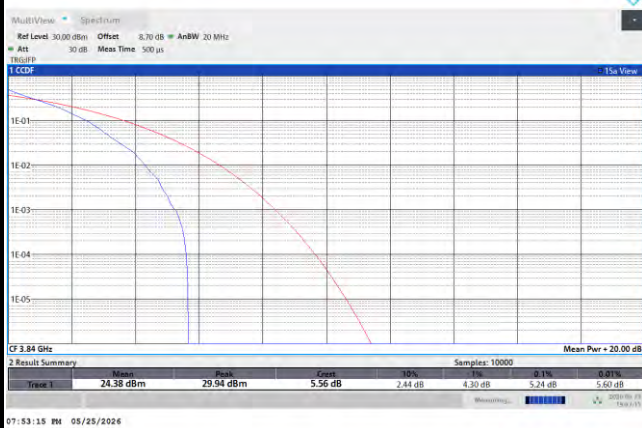


16QAM

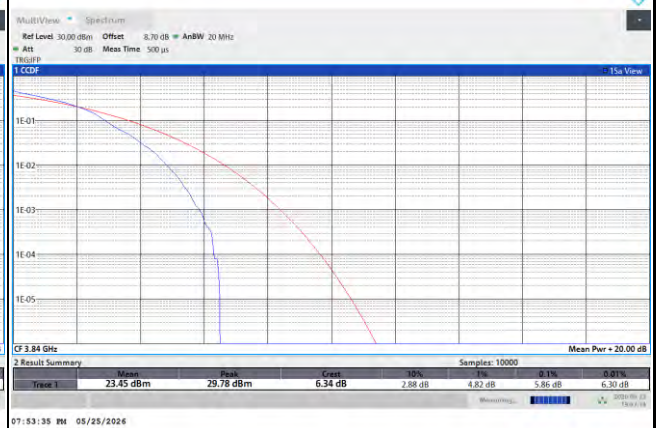


FR1 n77 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

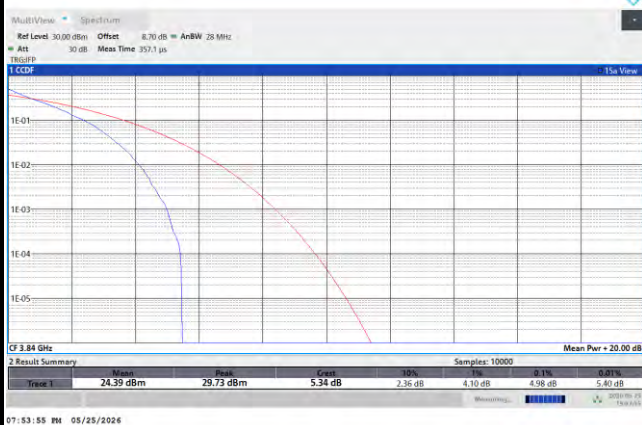


16QAM

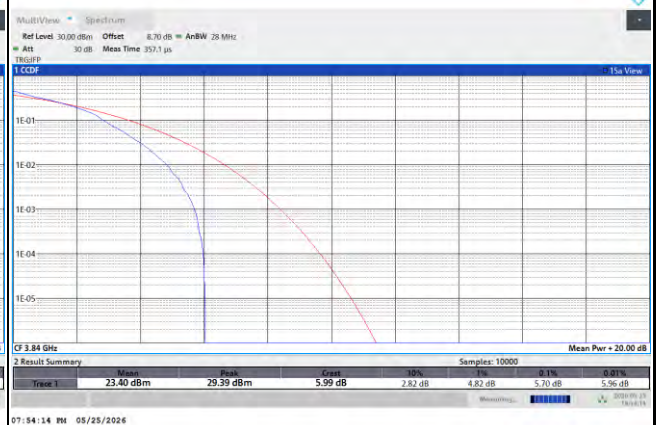


FR1 n77 / 25MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



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

QPSK



16QAM

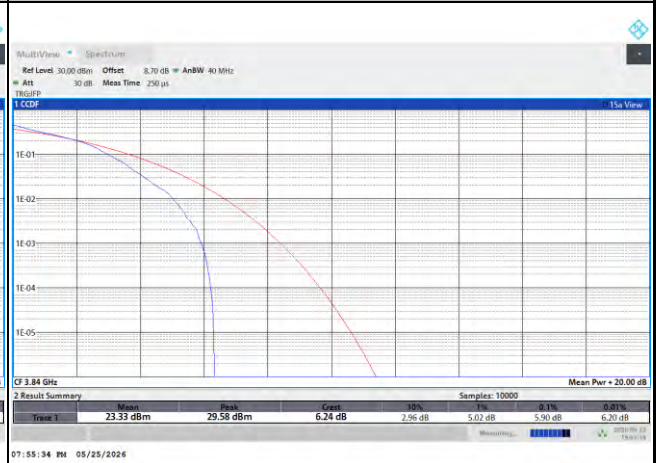


FR1 n77 / 40MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

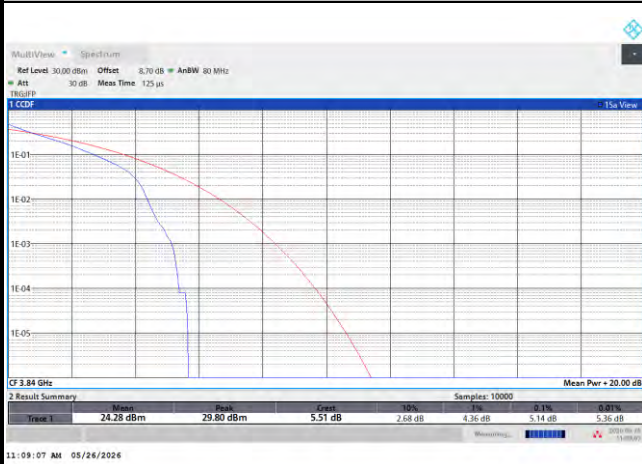


16QAM

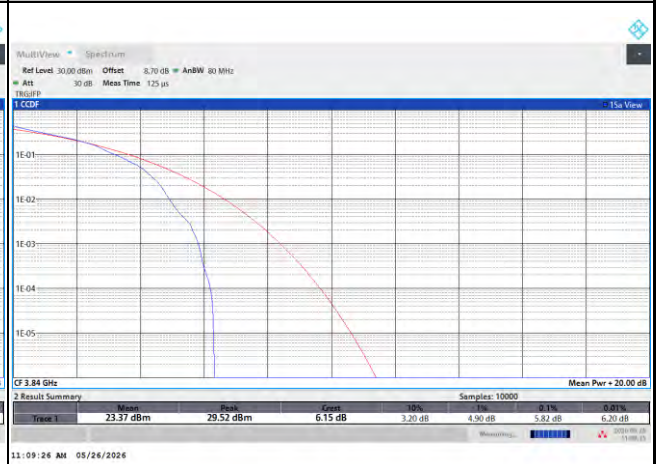


FR1 n77 / 50MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

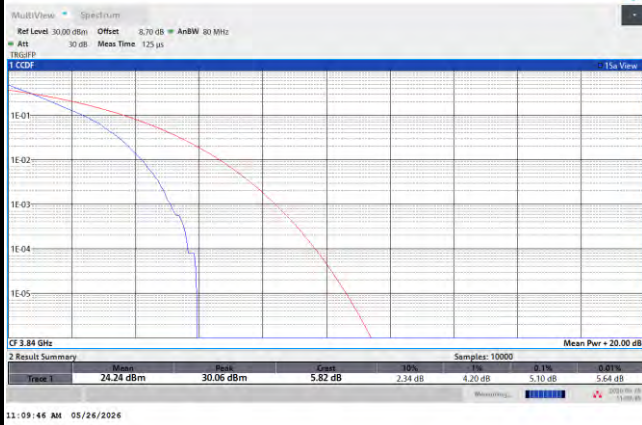


16QAM

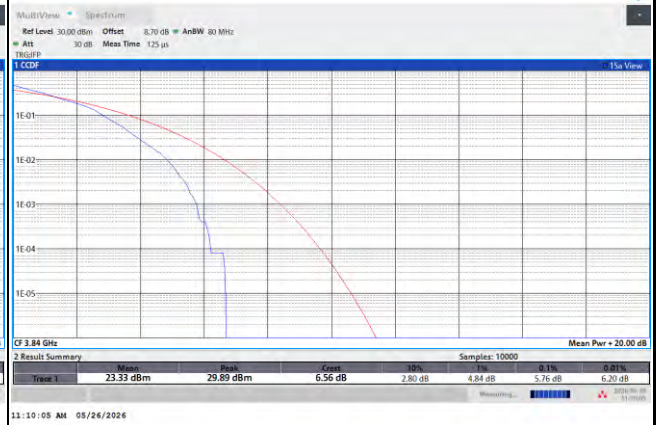


FR1 n77 / 60MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

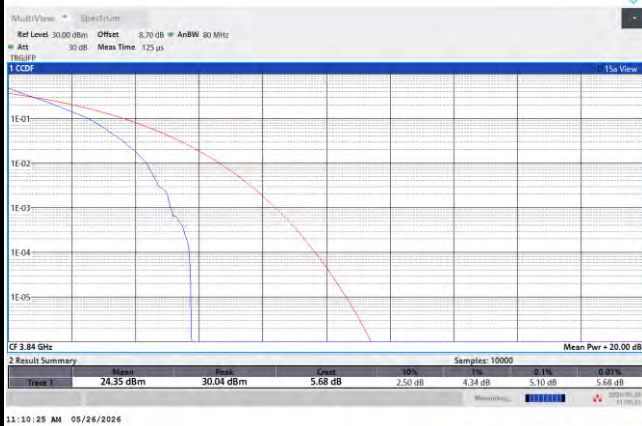


16QAM

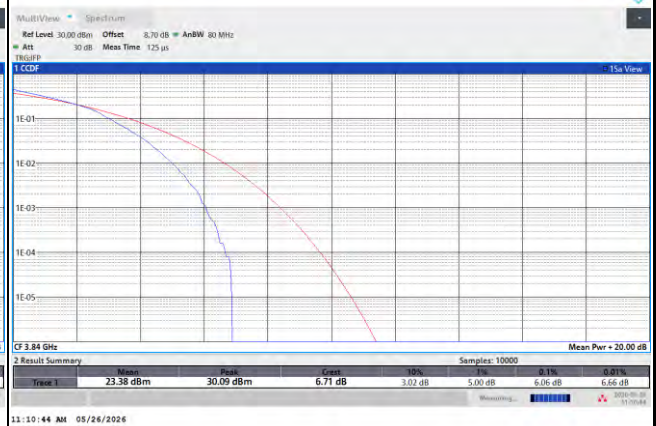


FR1 n77 / 70MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

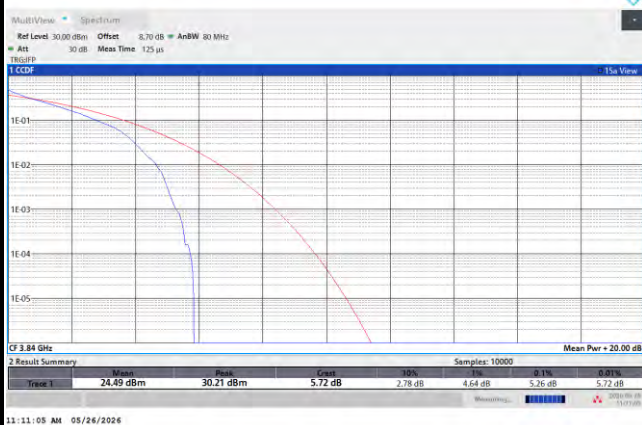


16QAM

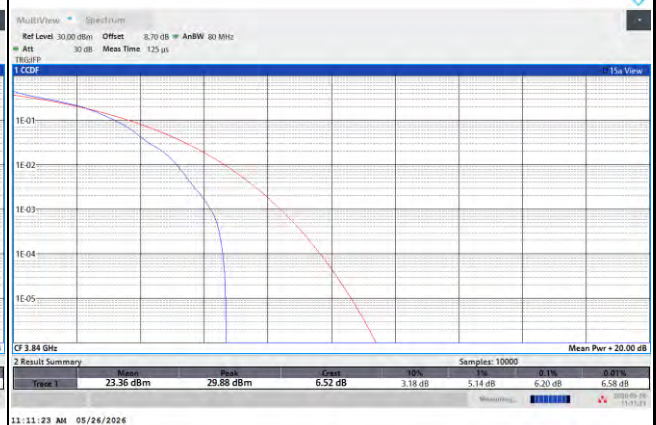


FR1 n77 / 80MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



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

QPSK

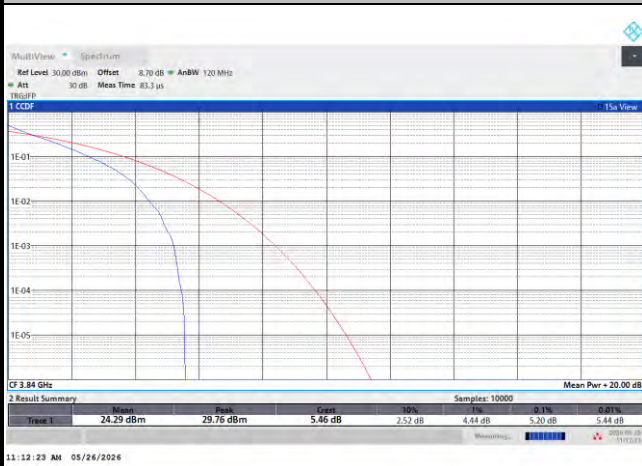


16QAM

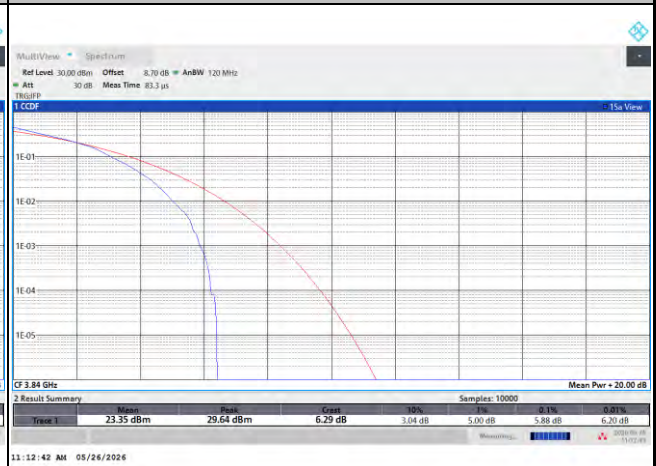


FR1 n77 / 100MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



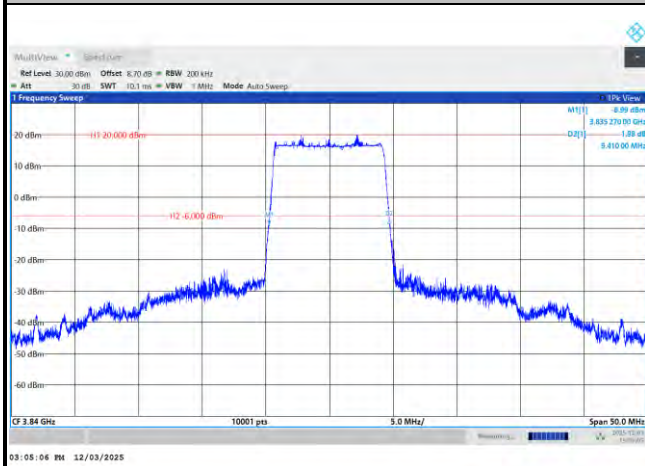
**26dB Bandwidth**

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	9.41	9.43	13.83	13.95	19.23	19.25	24.24	24.22
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	9.43		13.98		19.23		24.31	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.26	29.47	38.24	38.31	48.29	48.24	62.89	62.89
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.34		38.25		48.36		62.64	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Middle CH	69.34	69.42	82.15	82.27	91.98	91.89	101.56	101.61
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	69.44		82.15		91.79		101.45	

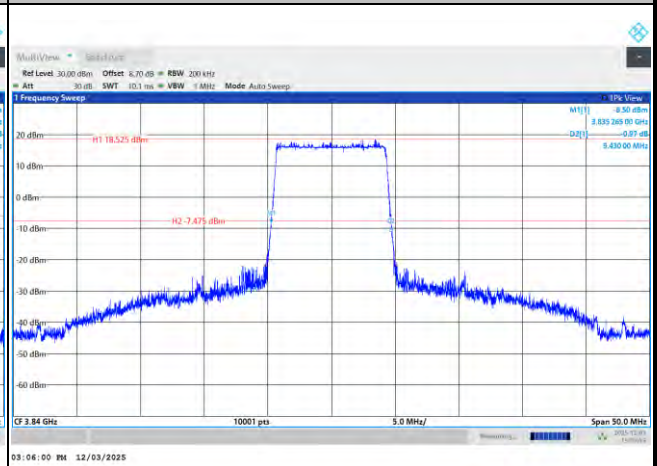


FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

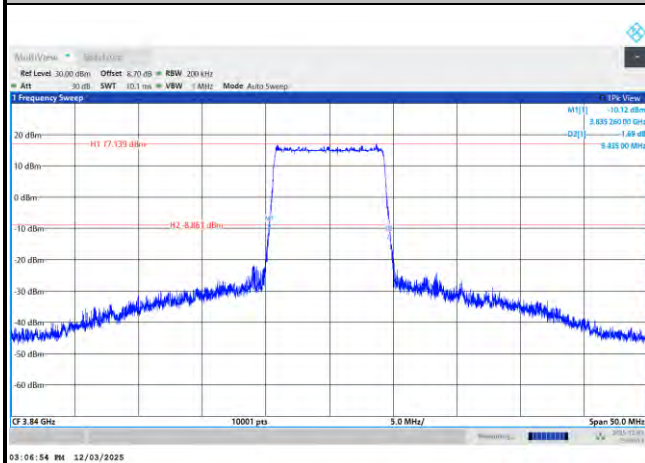
PI/2 BPSK



QPSK



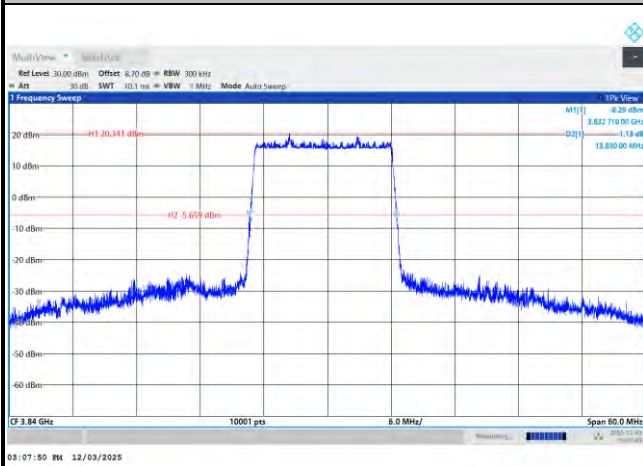
16QAM



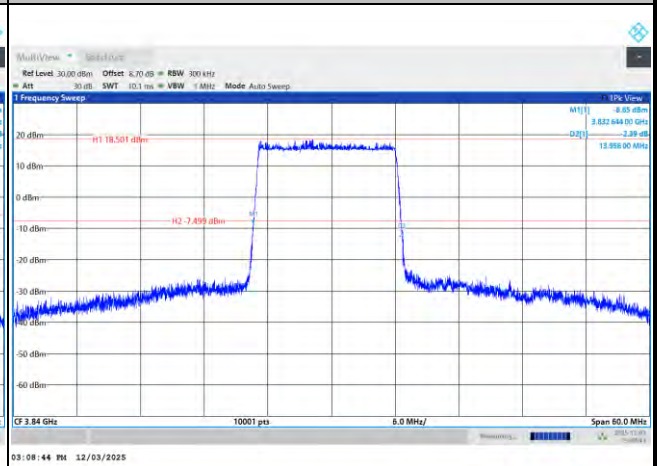


FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

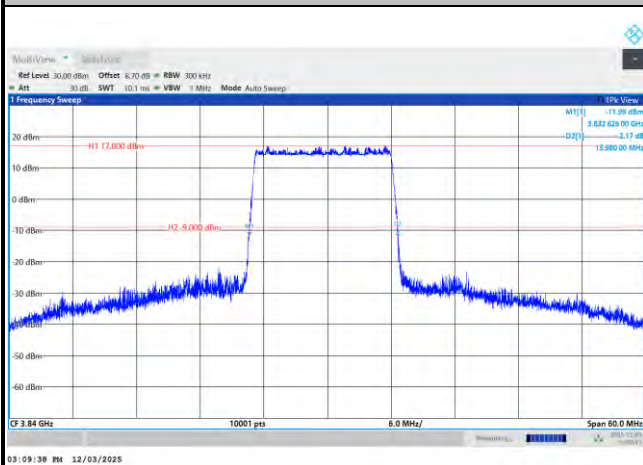
PI/2 BPSK



QPSK



16QAM

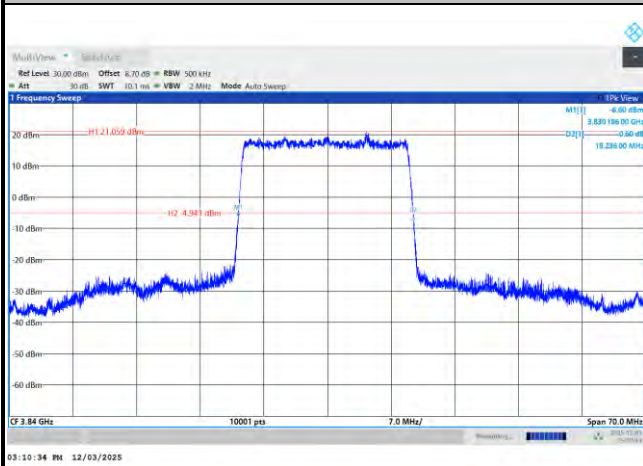




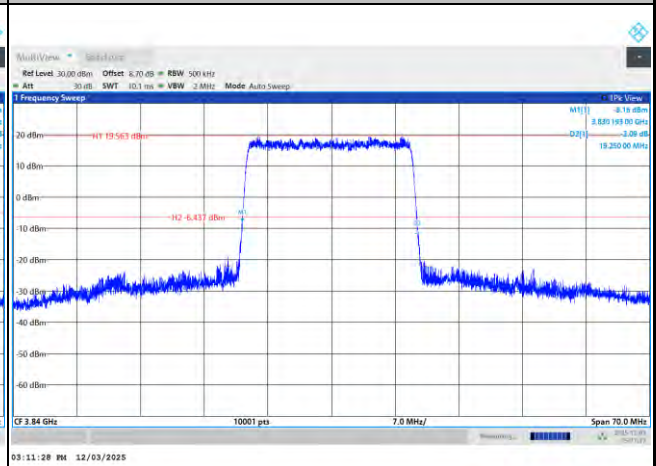
Report No. : FG5N0809-01C

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

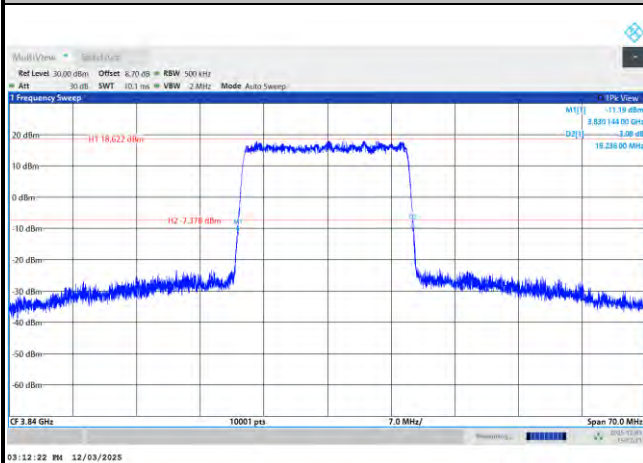
PI/2 BPSK



QPSK



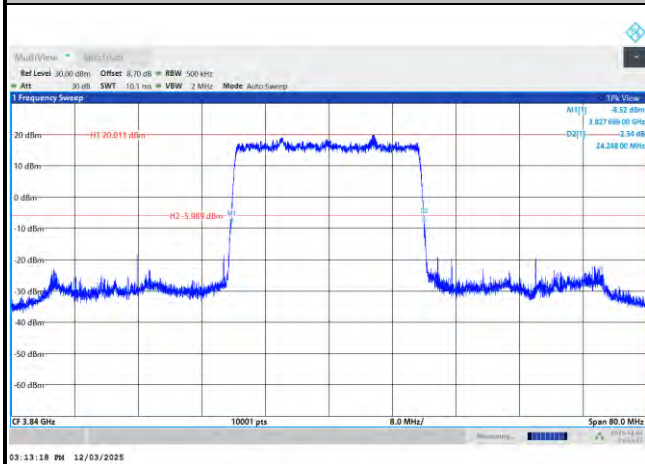
16QAM



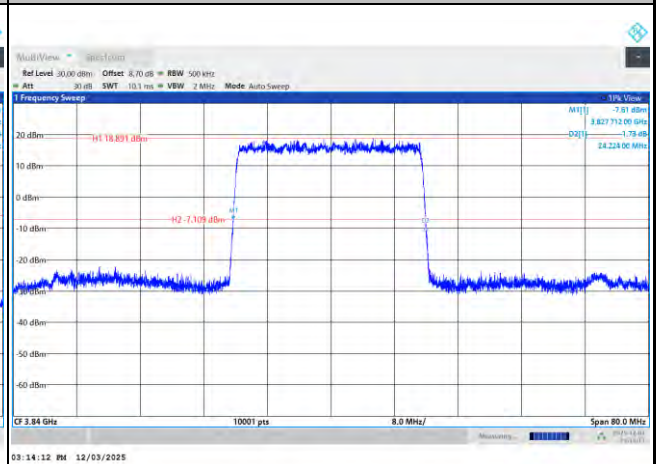


FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

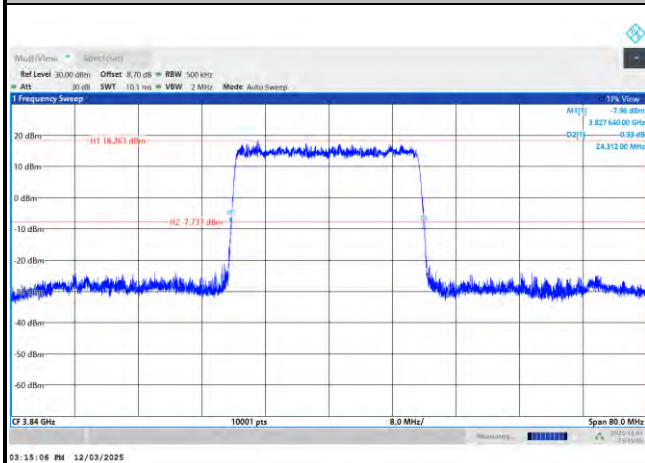
PI/2 BPSK



QPSK



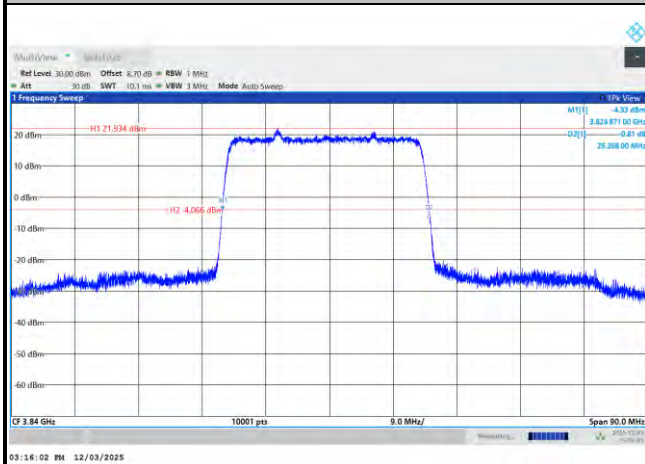
16QAM



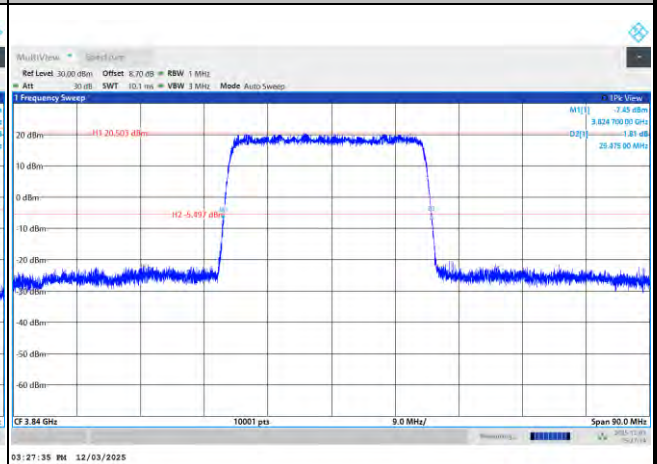


FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

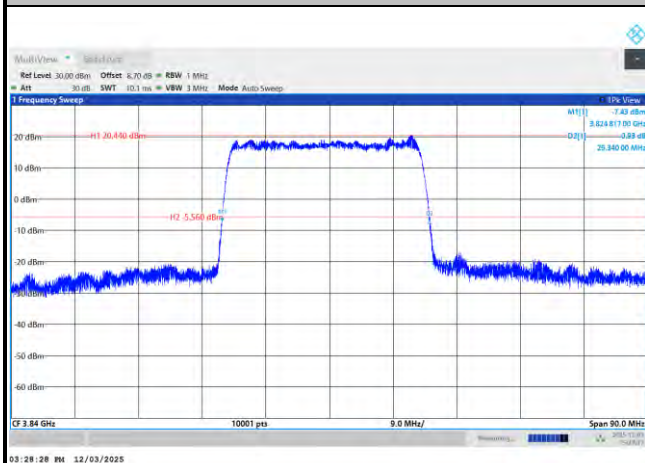
PI/2 BPSK



QPSK



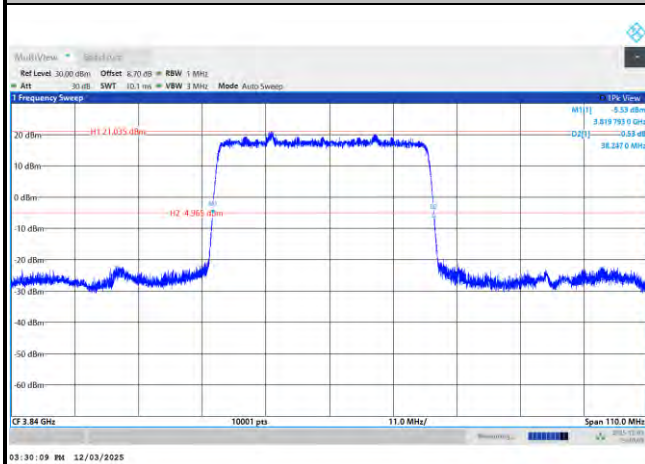
16QAM



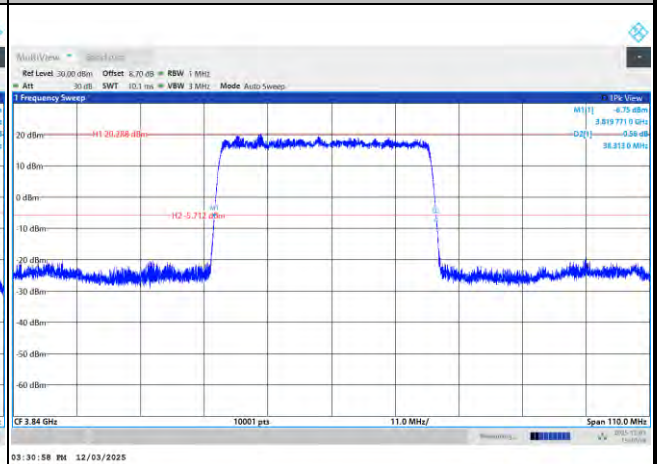


FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

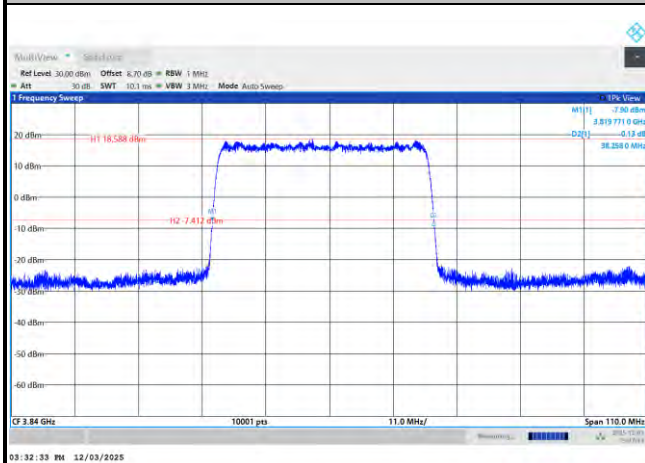
PI/2 BPSK



QPSK



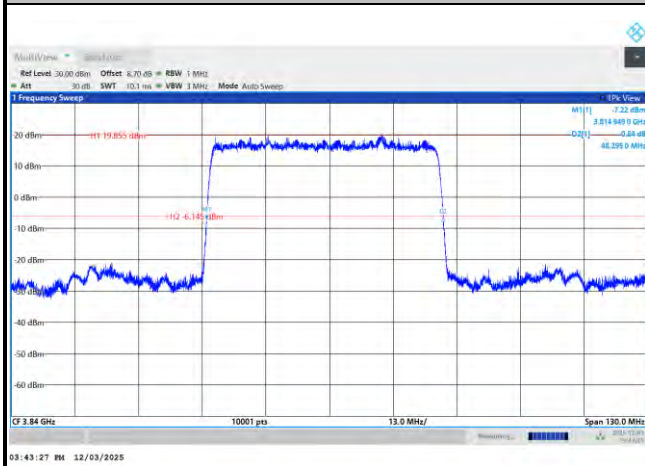
16QAM



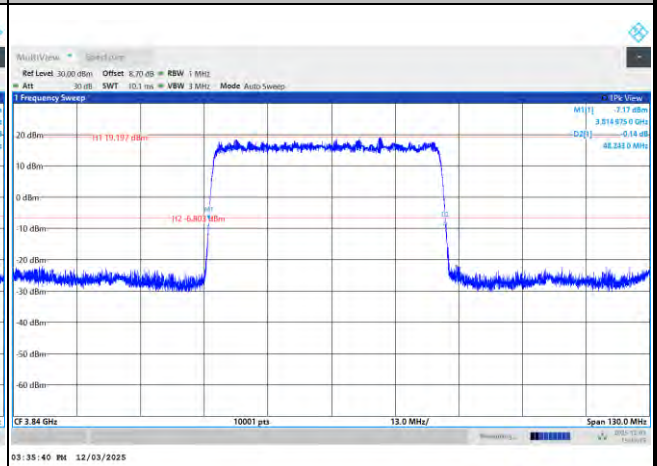


FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

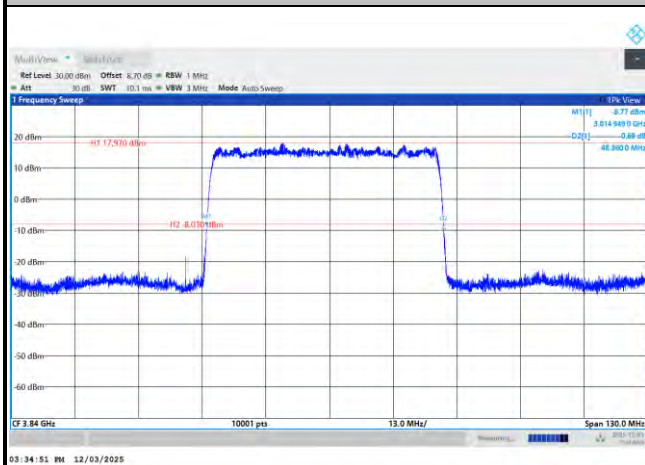
PI/2 BPSK



QPSK



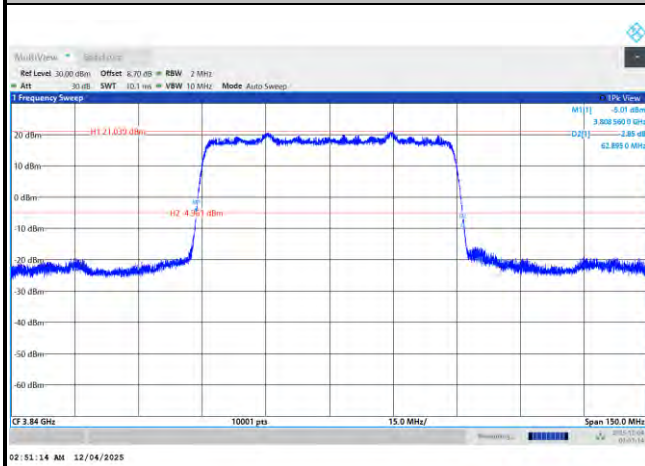
16QAM



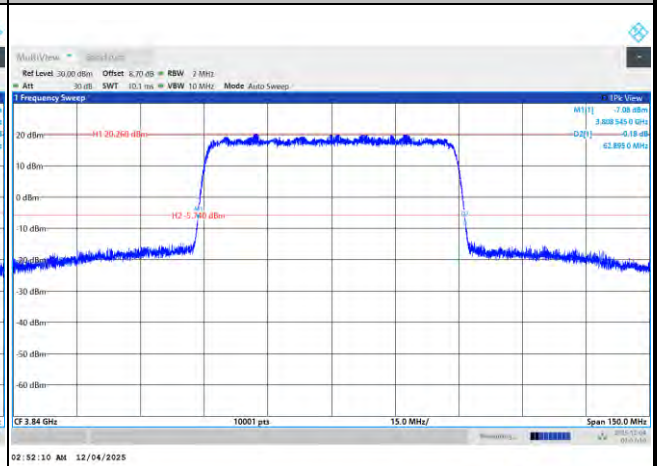


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

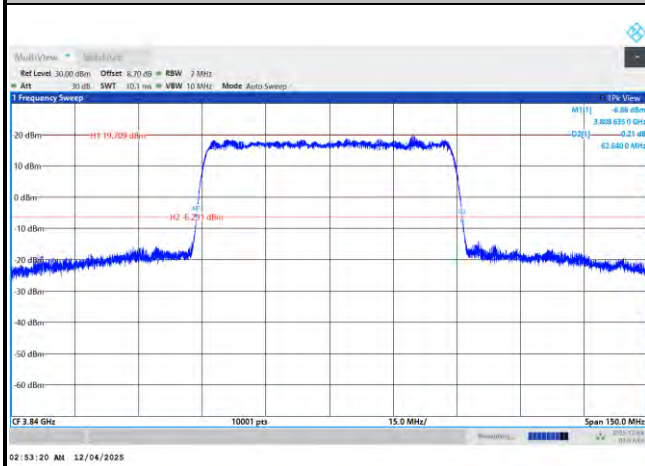
PI/2 BPSK



QPSK



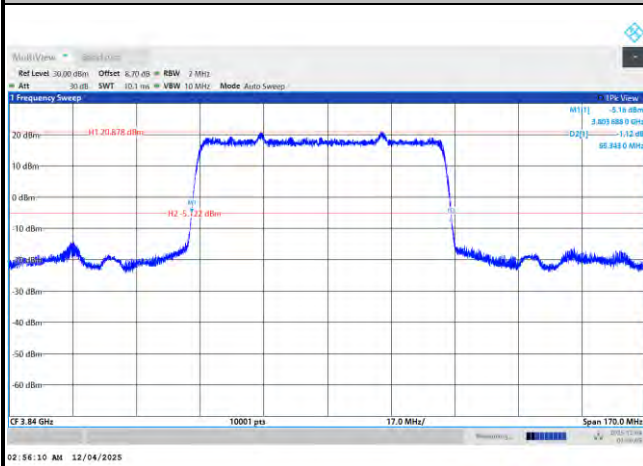
16QAM





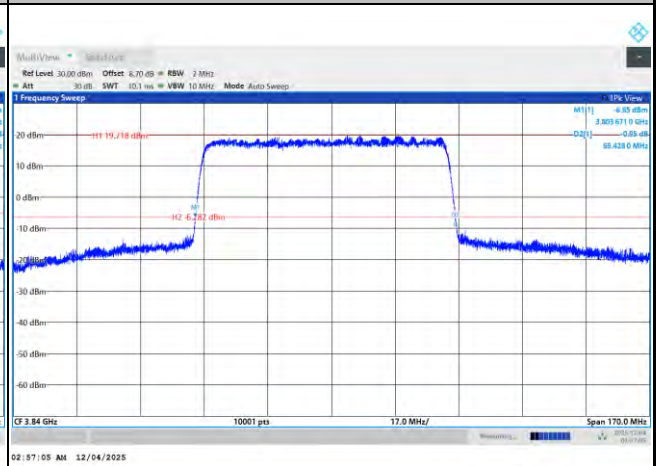
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



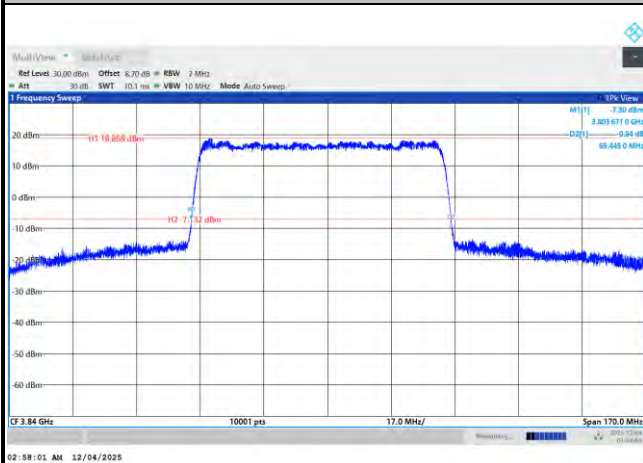
02:56:10 AM 12/04/2025

QPSK



02:57:05 AM 12/04/2025

16QAM

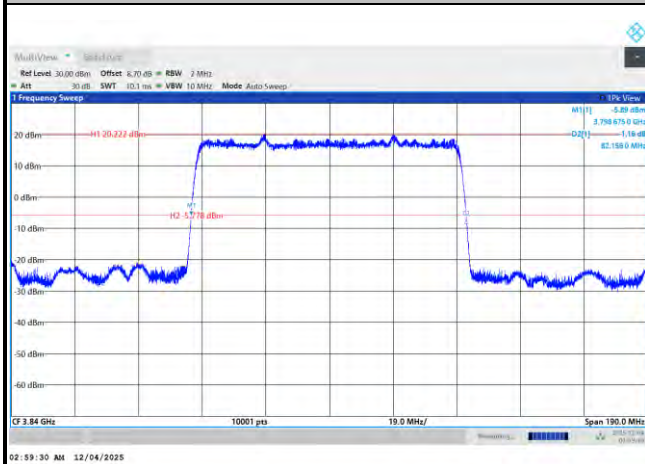


02:58:01 AM 12/04/2025

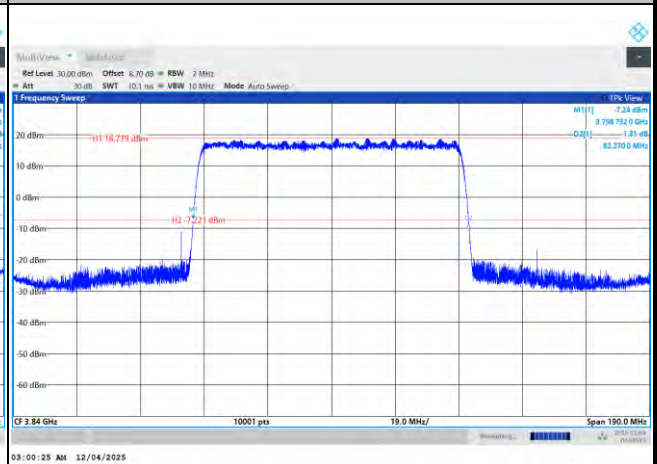


FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

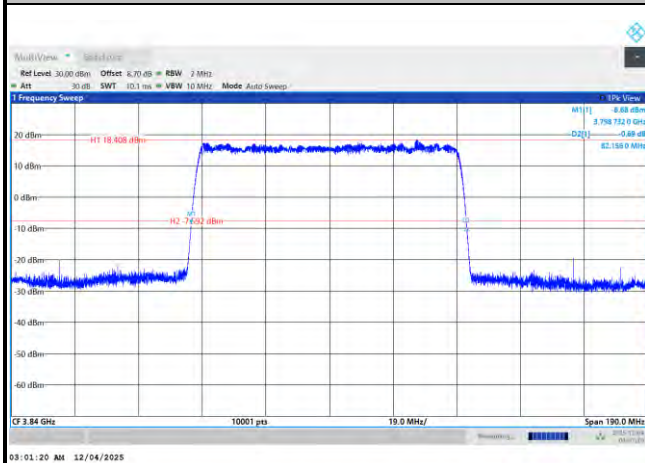
PI/2 BPSK



QPSK



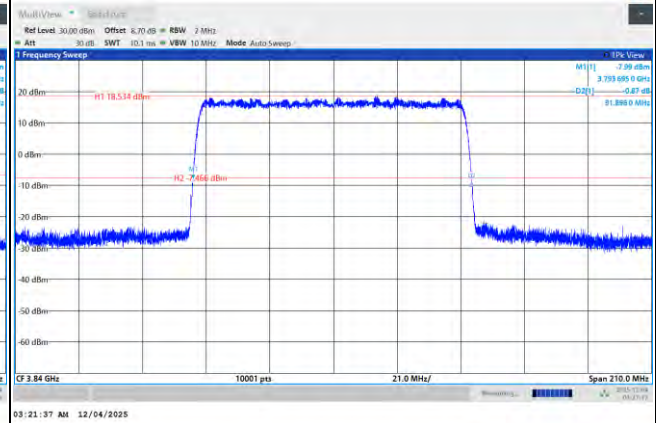
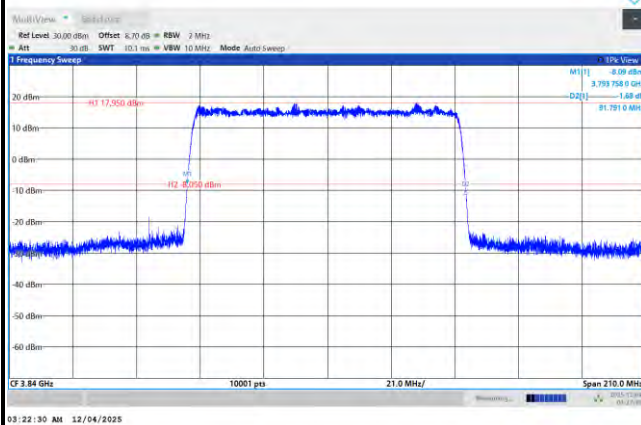
16QAM





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

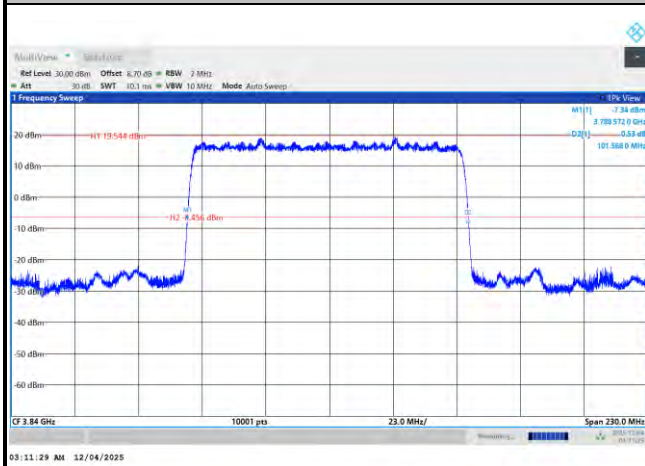
QPSK



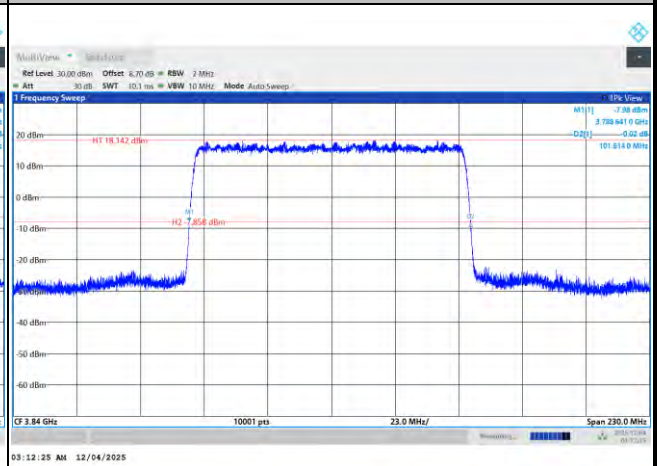


FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

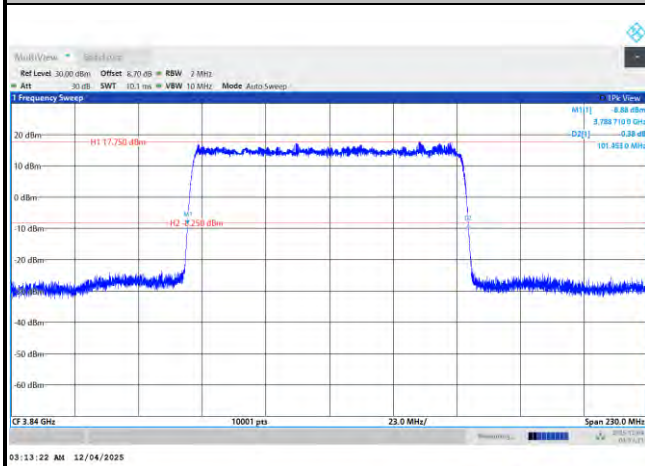
PI/2 BPSK



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	12.96	12.99	18.12	18.02	23.06	23.03
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.61		12.92		17.98		22.90	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.22	27.27	36.09	36.02	45.85	45.82	58.53	58.49
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.09		35.92		45.91		58.34	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	65.15	64.86	77.64	77.50	87.23	86.98	96.73	96.46
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	64.84		77.45		86.93		96.54	

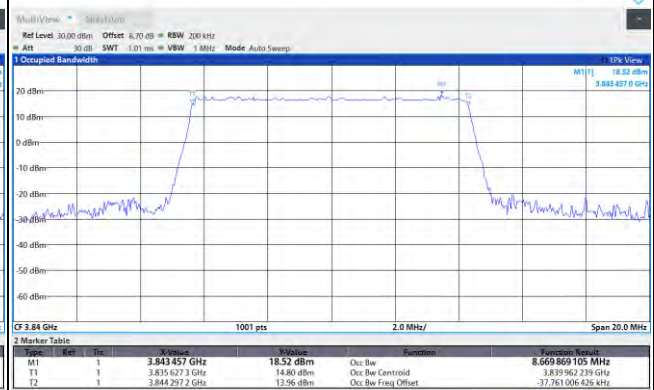


FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

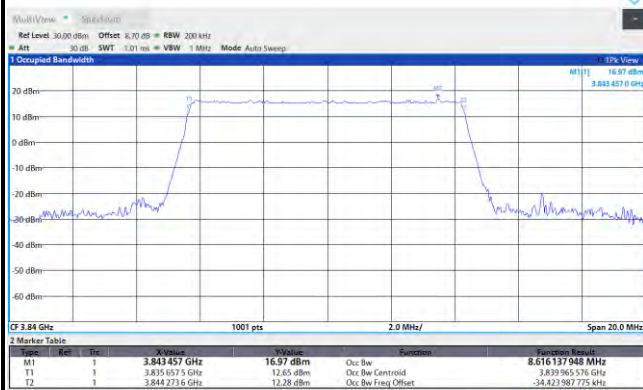
PI/2 BPSK



QPSK



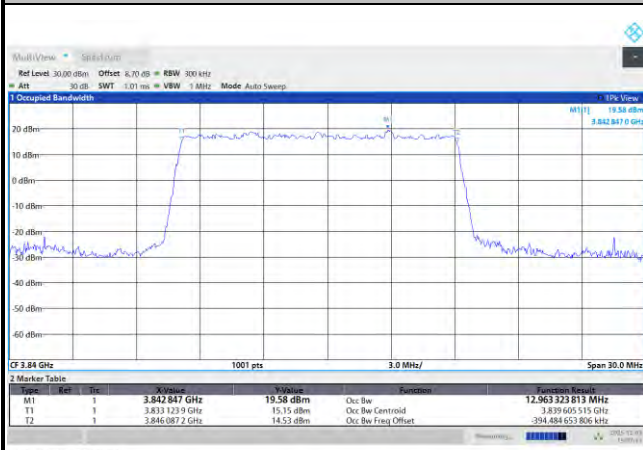
16QAM



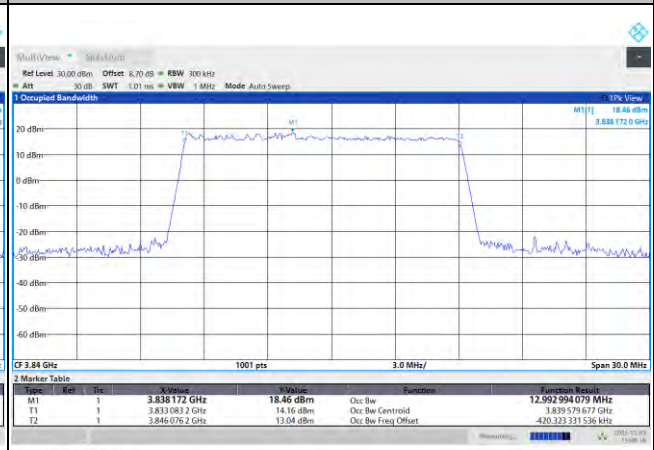


FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



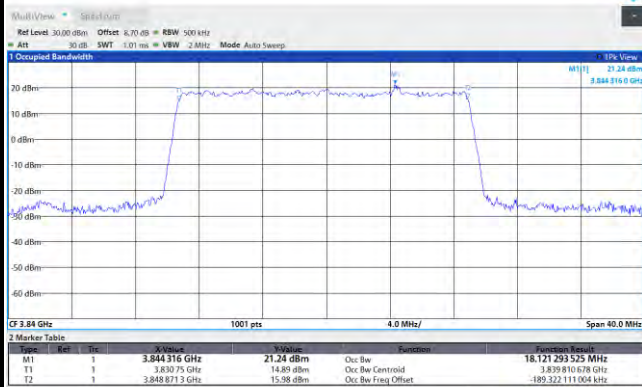
16QAM



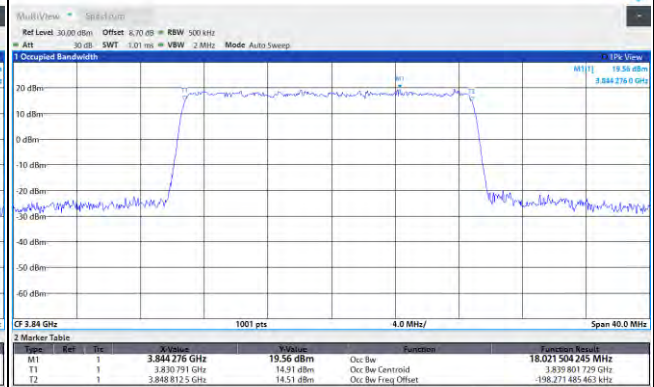


FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

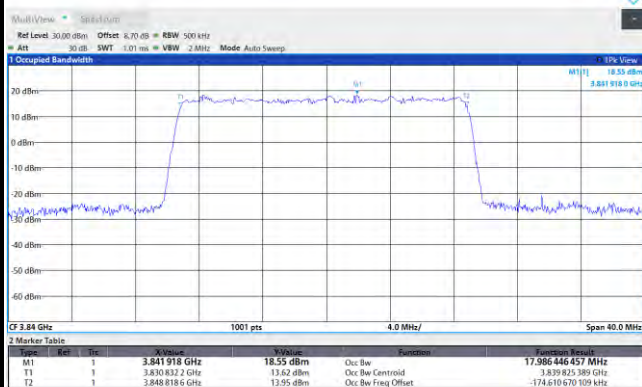
PI/2 BPSK



QPSK



16QAM



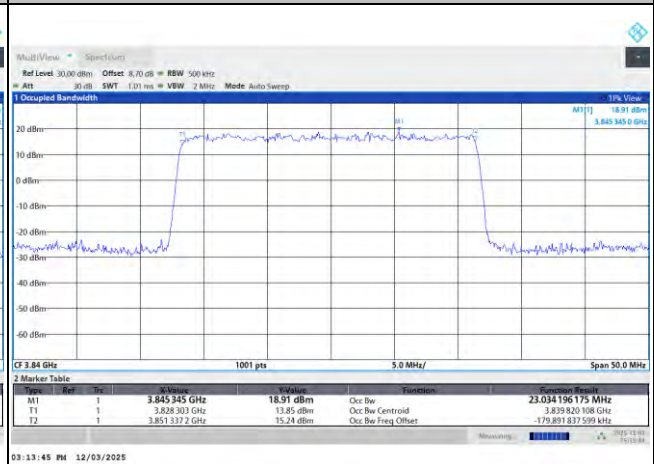


FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



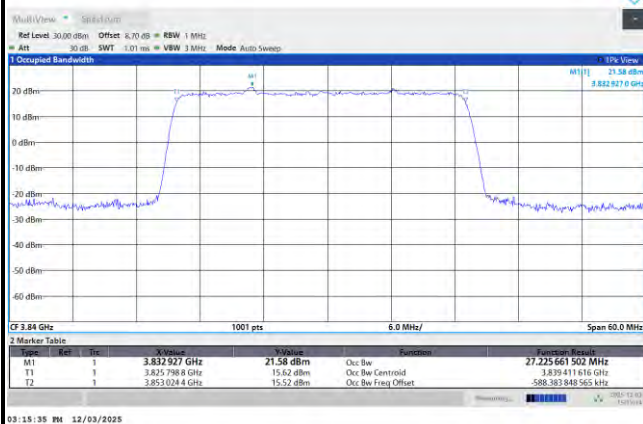
16QAM



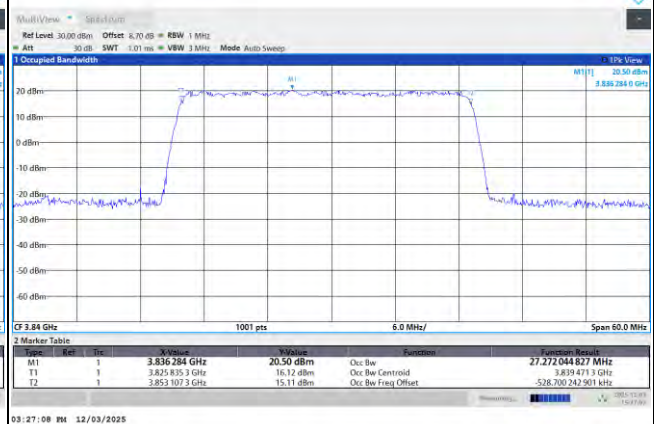


FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

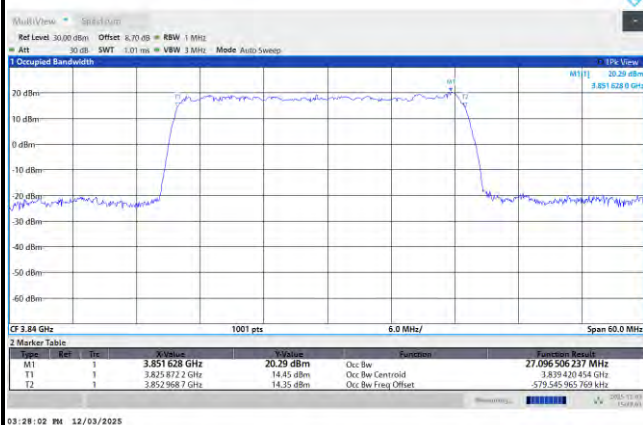
PI/2 BPSK



QPSK

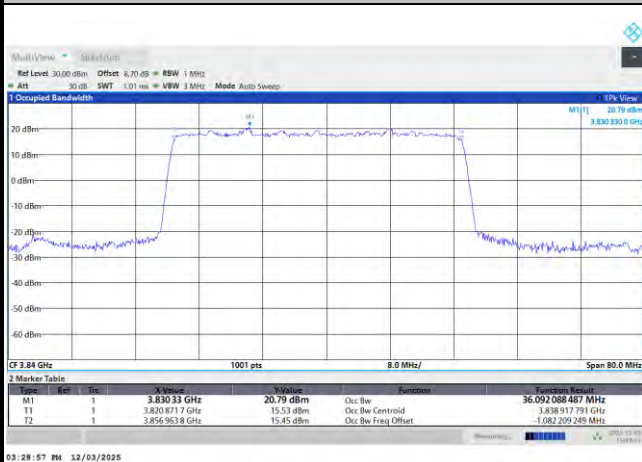


16QAM



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

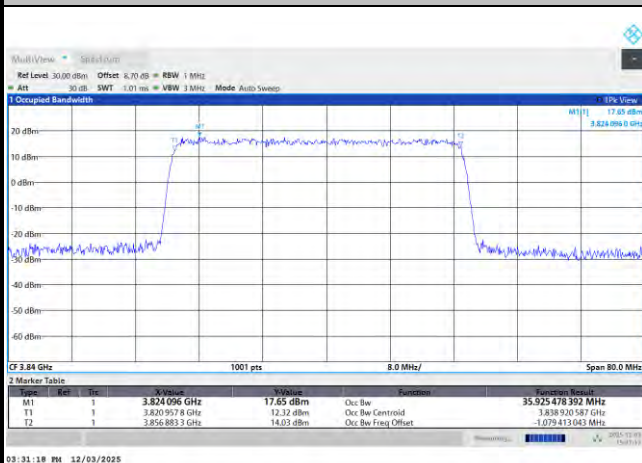
PI/2 BPSK



QPSK



16QAM



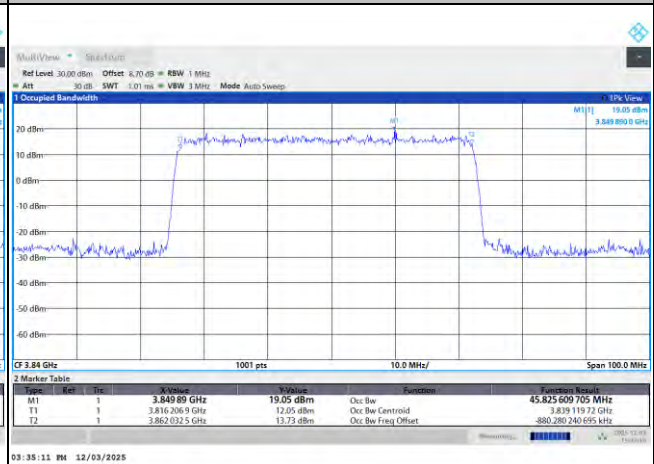


FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

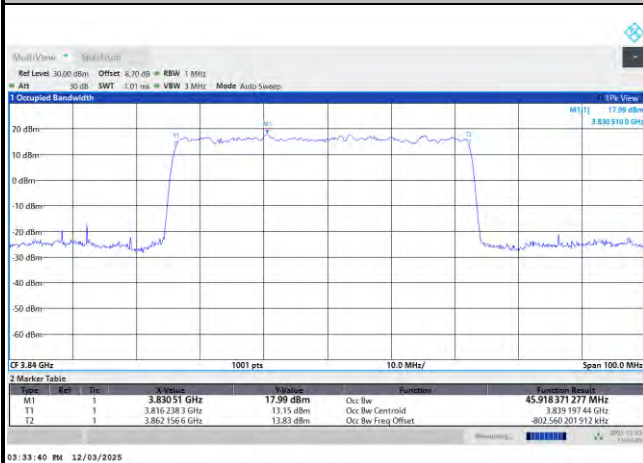
PI/2 BPSK



QPSK



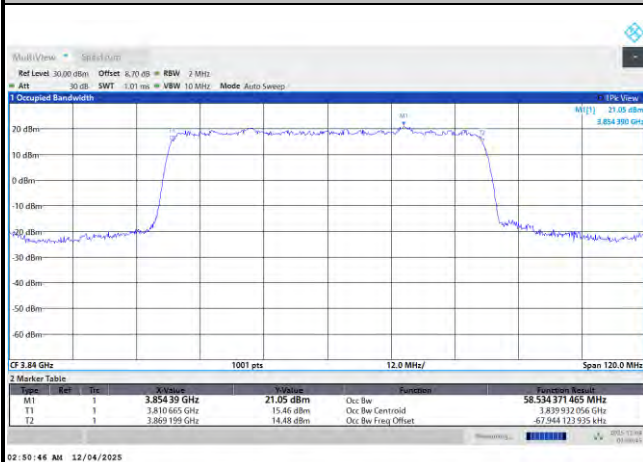
16QAM



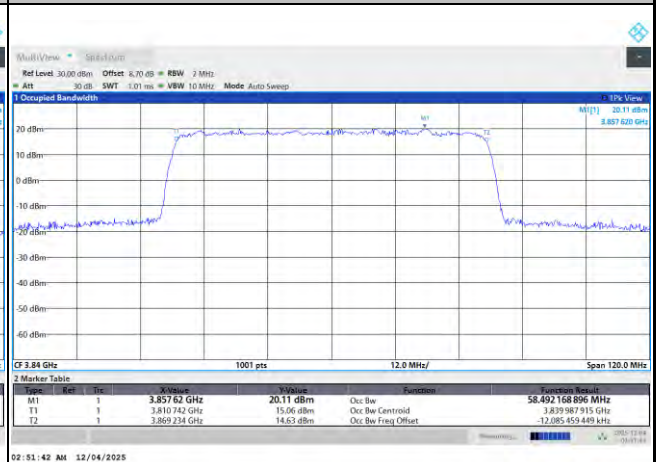


FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

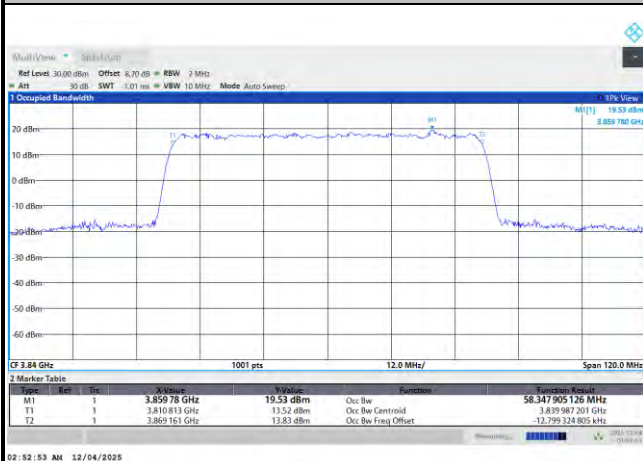
PI/2 BPSK



QPSK



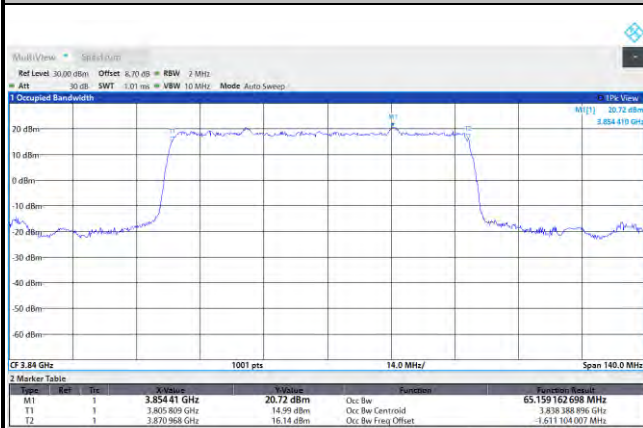
16QAM



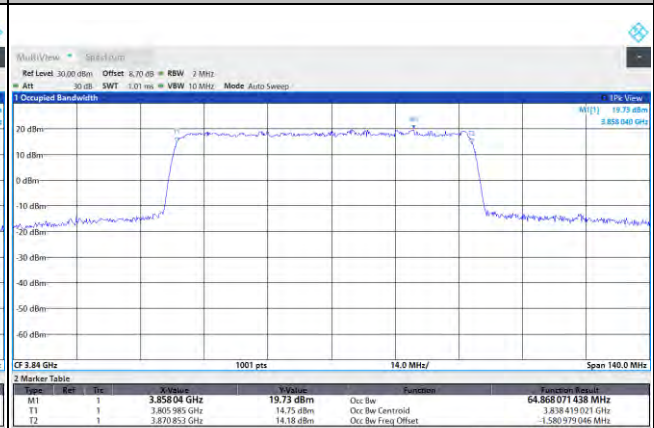


FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

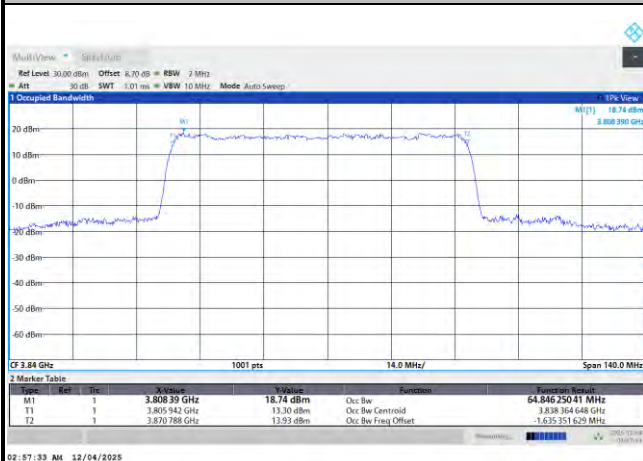
PI/2 BPSK



QPSK



16QAM



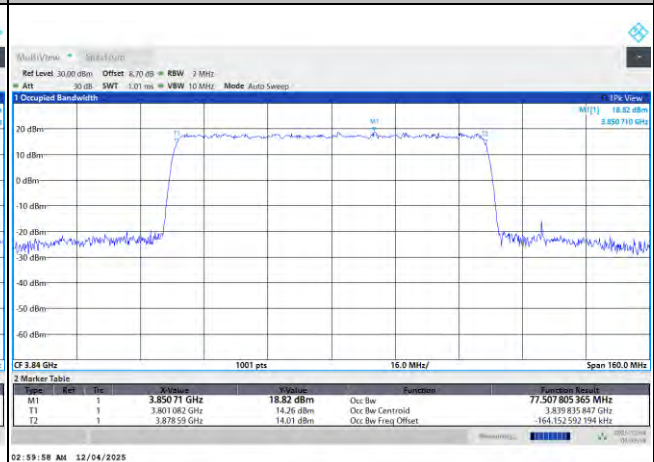


FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM



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

PI/2 BPSK



03:01:50 AM 12/04/2025

QPSK



03:02:45 AM 12/04/2025

16QAM

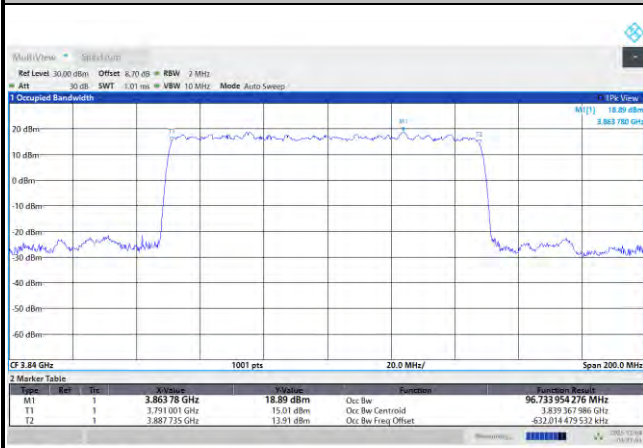


03:22:00 AM 12/04/2025

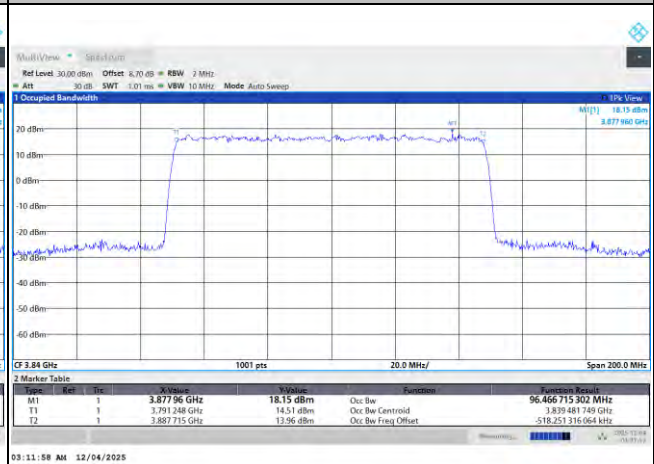


FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM

