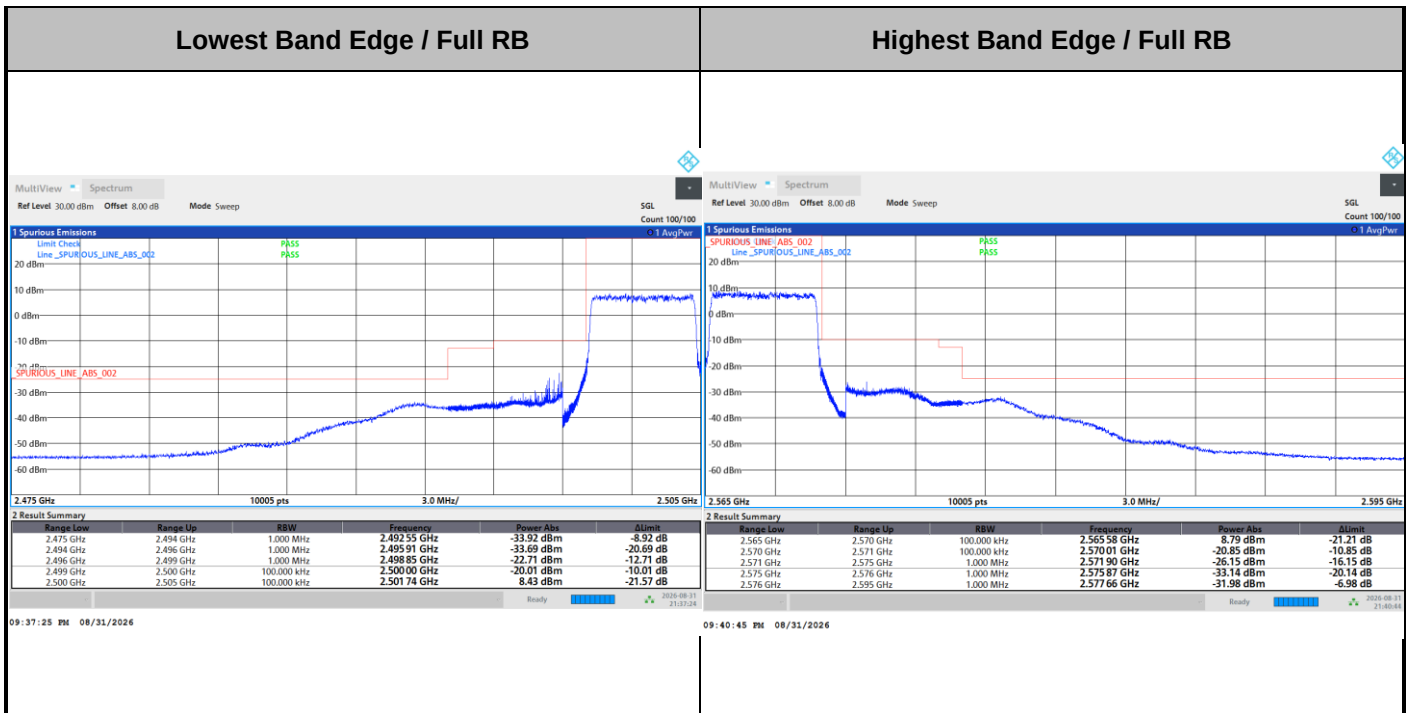


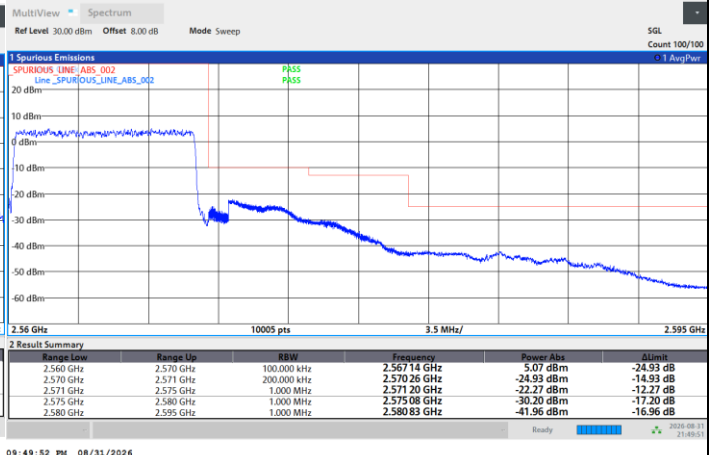
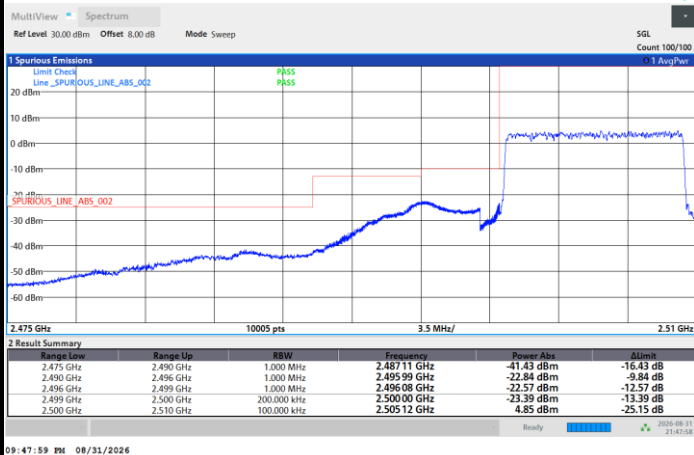




FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

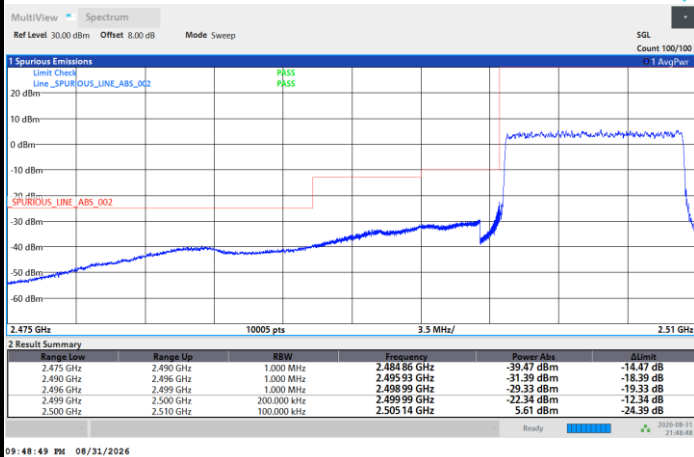
Highest Band Edge / Full RB



FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

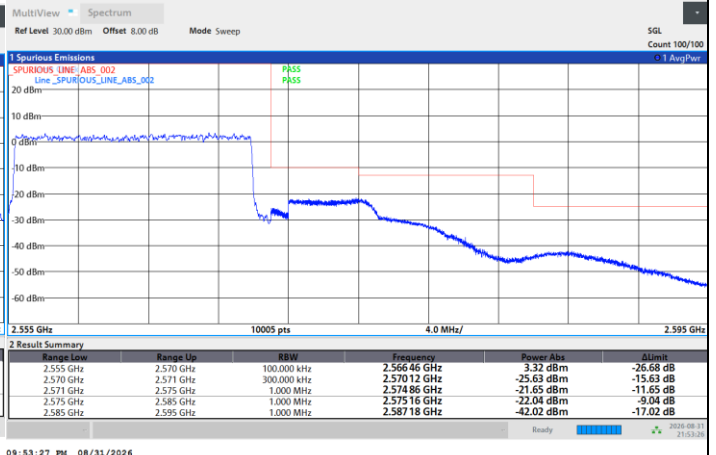
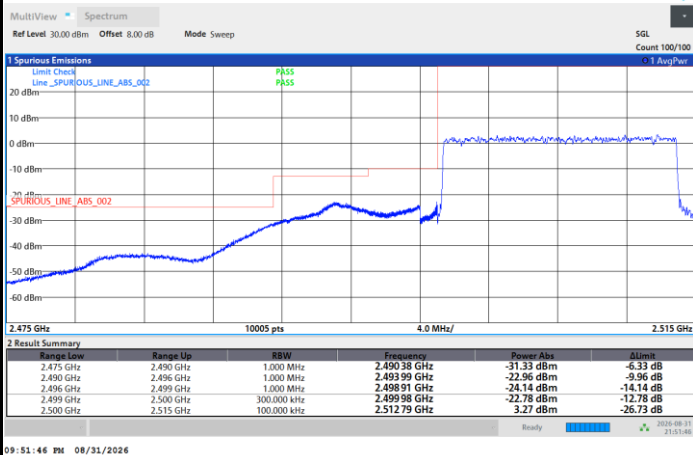




FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

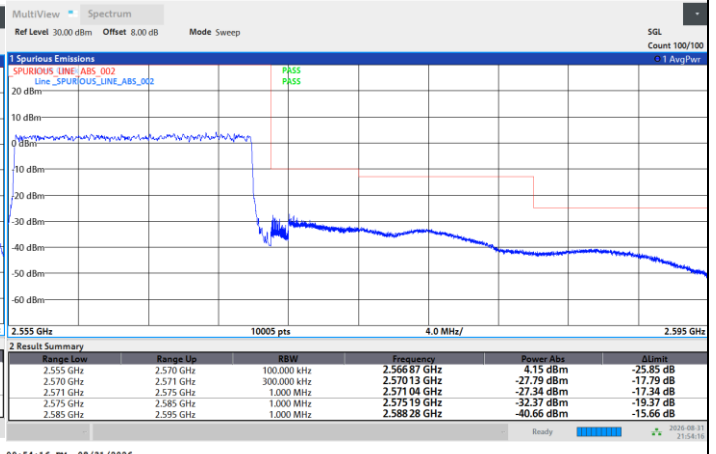
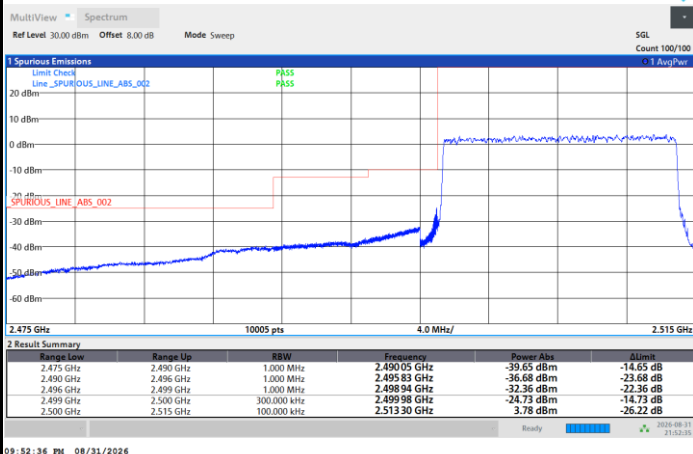
Highest Band Edge / Full RB



FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

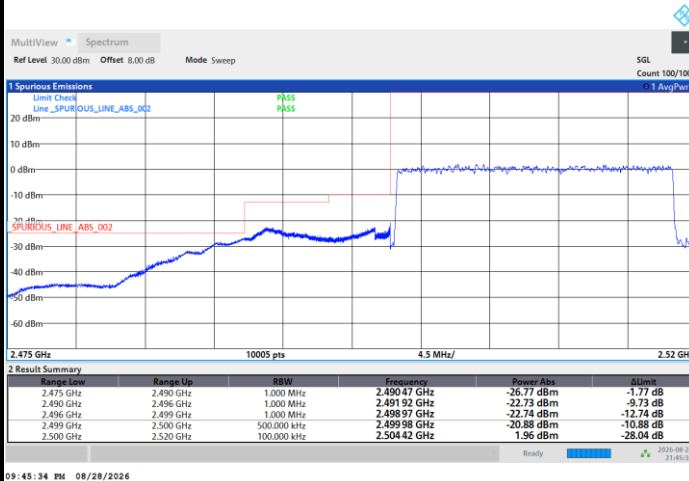




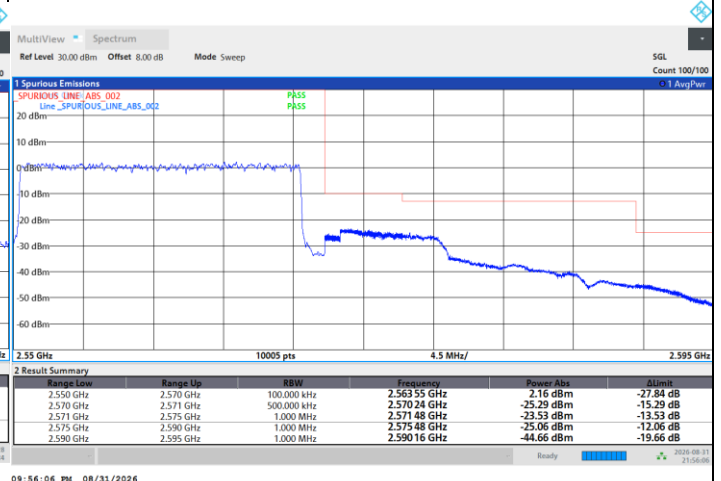
FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



09:45:34 PM 08/28/2026

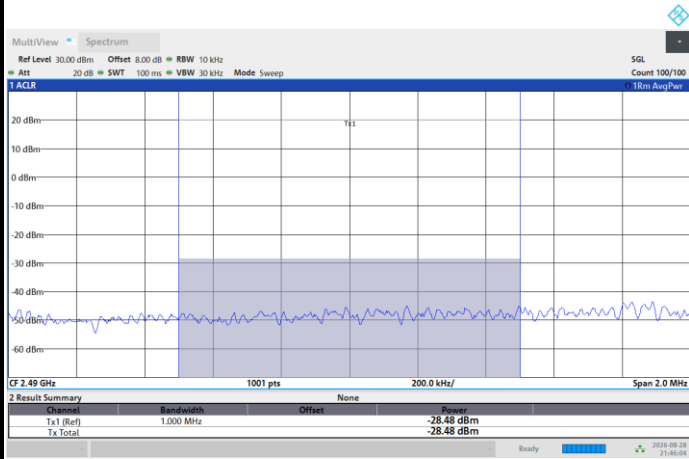


09:56:06 PM 08/31/2026

FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Channel Power -28.48 dBm < -25 limit (PASS)

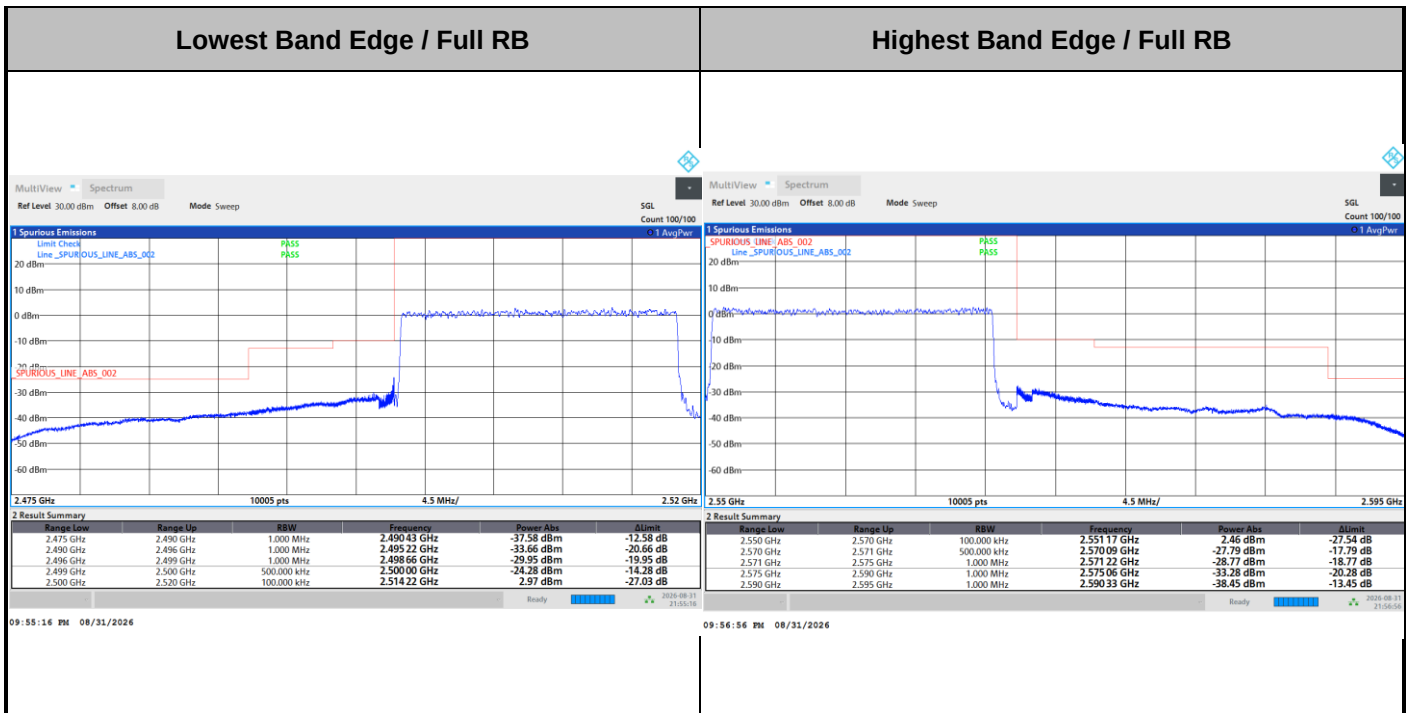
NA



09:46:04 PM 08/28/2026

NA

FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

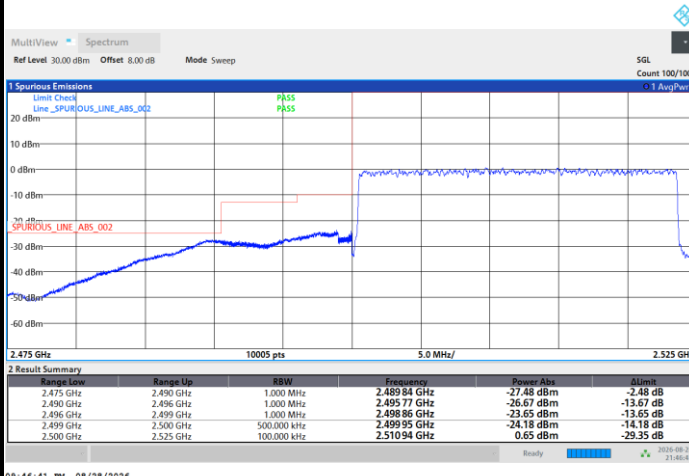




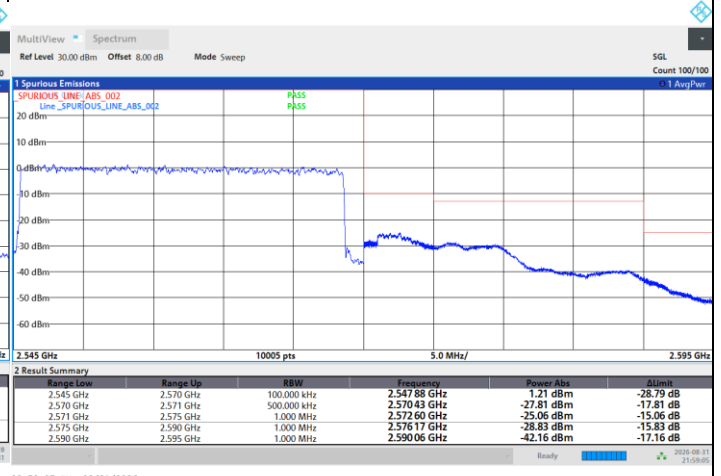
FR1 n7 / 25MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



09:46:41 PM 08/28/2026

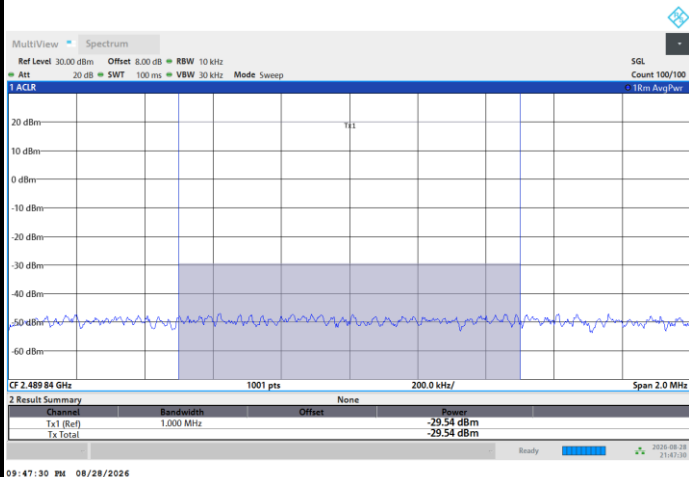


09:59:05 PM 08/31/2026

FR1 n7 / 25MHz / DFT-s-OFDM / PI/2 BPSK

Channel Power -29.54 dBm < -25 limit (PASS)

NA



09:47:30 PM 08/28/2026

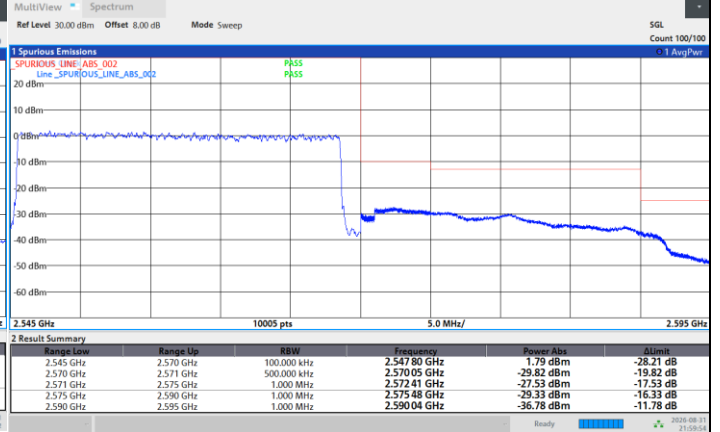
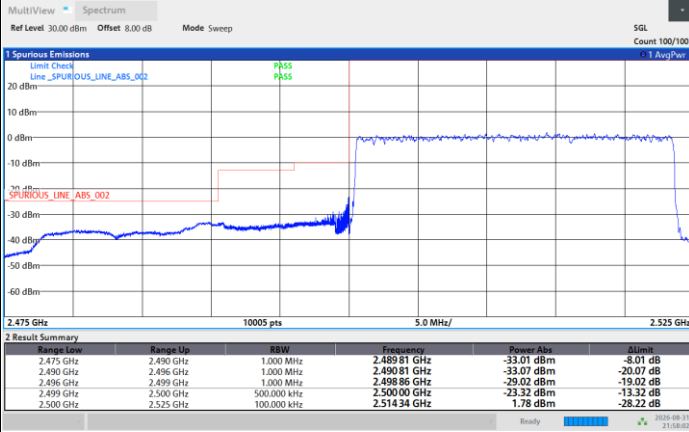
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FR1 n7 / 25MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

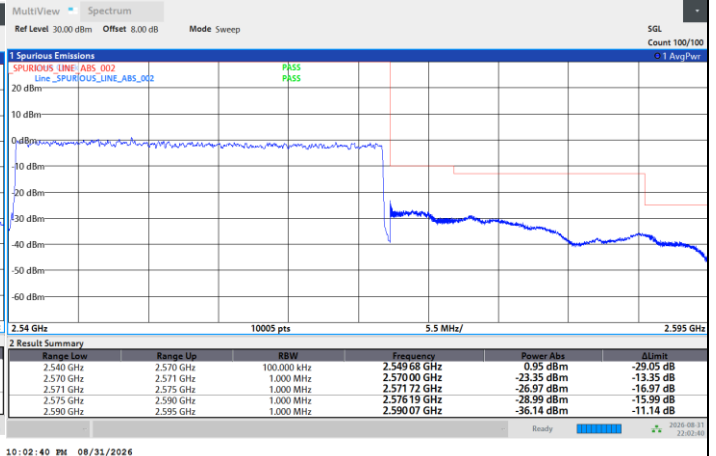
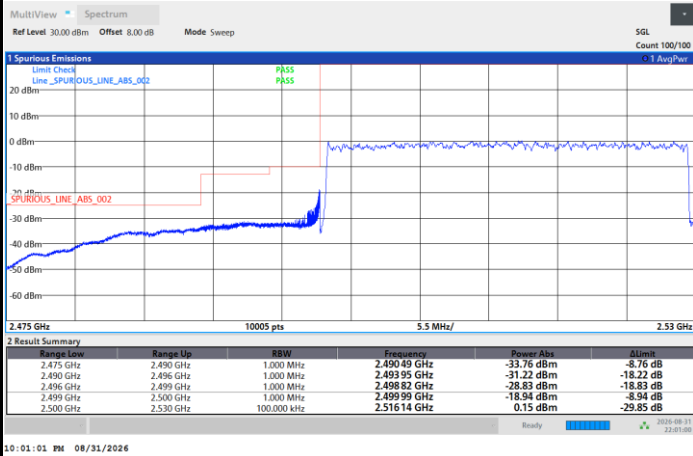




FR1 n7 / 30MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

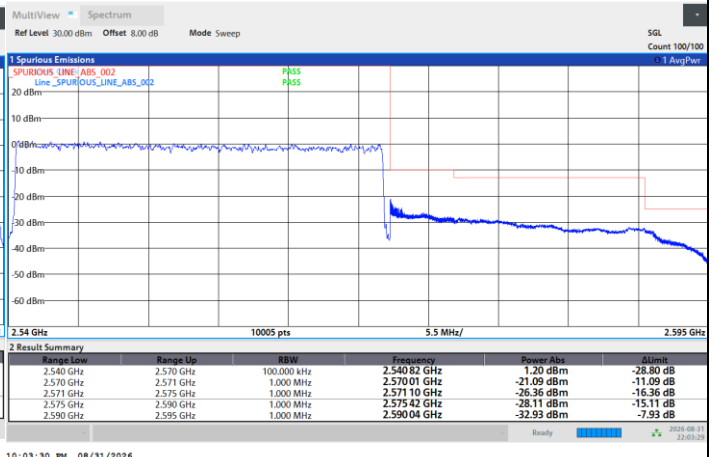
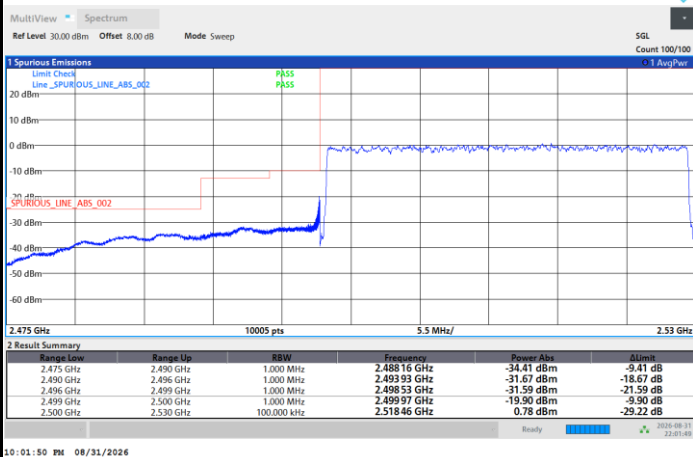
Highest Band Edge / Full RB



FR1 n7 / 30MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

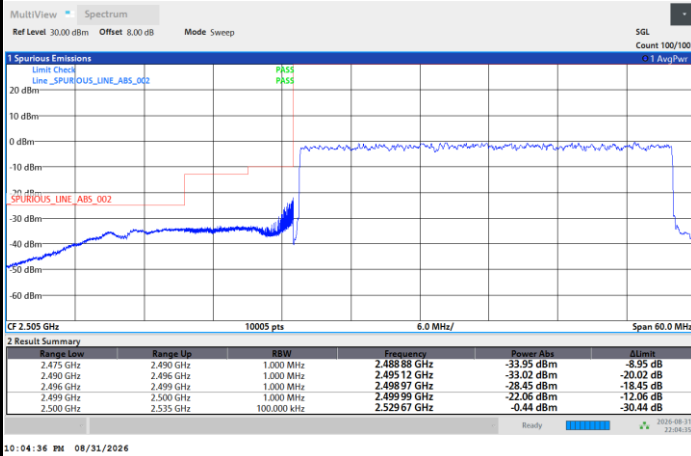




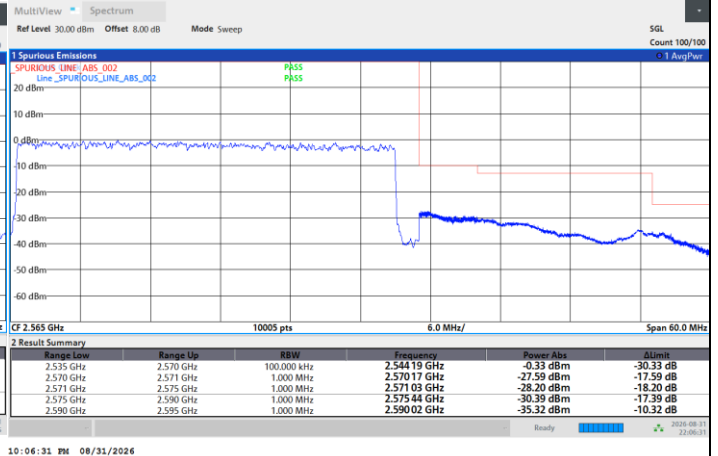
FR1 n7 / 35MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:04:36 PM 08/31/2026

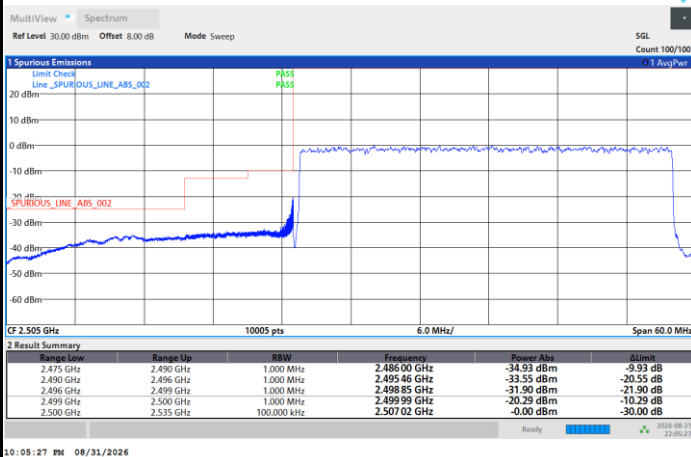


10:06:31 PM 08/31/2026

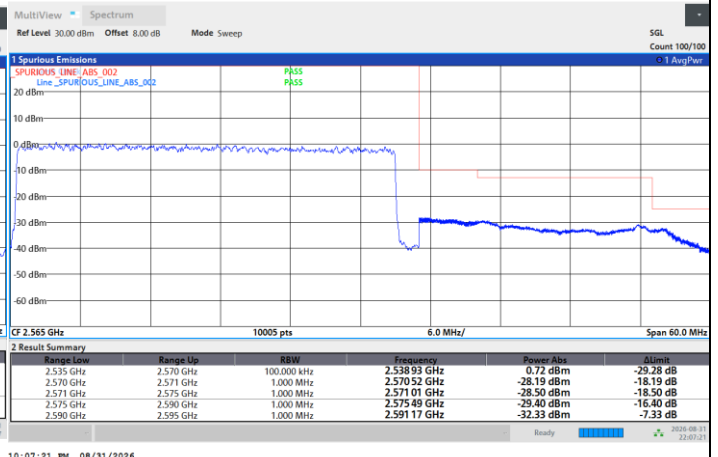
FR1 n7 / 35MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:05:21 PM 08/31/2026



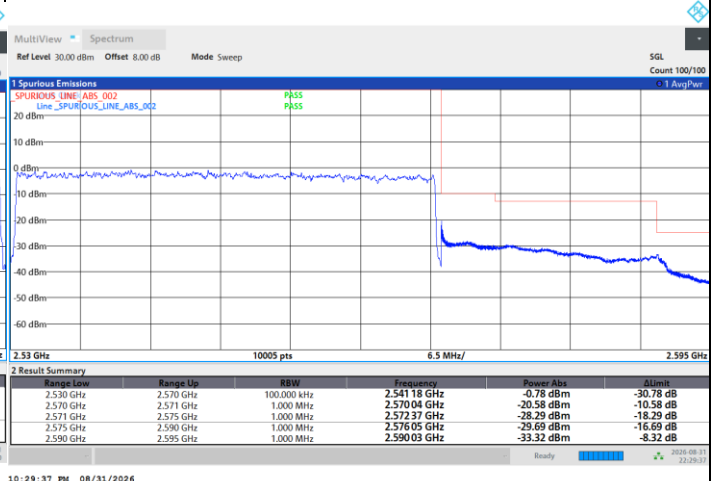
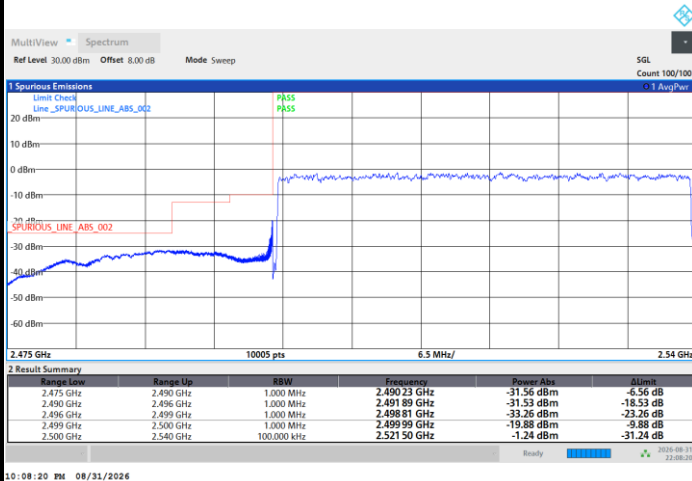
10:07:21 PM 08/31/2026



FR1 n7 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

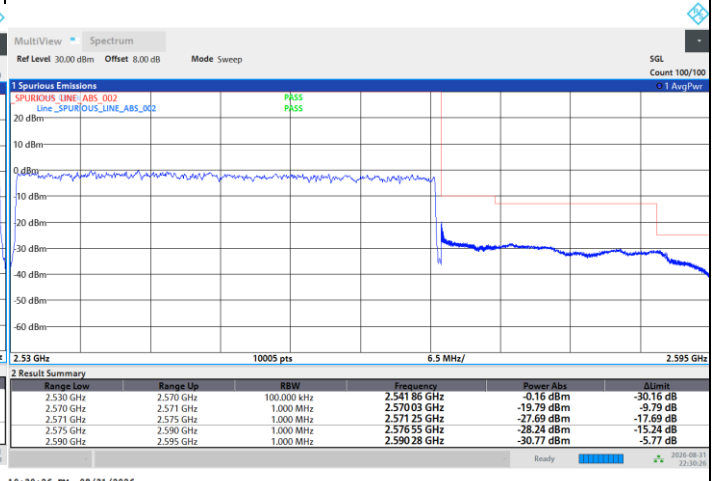
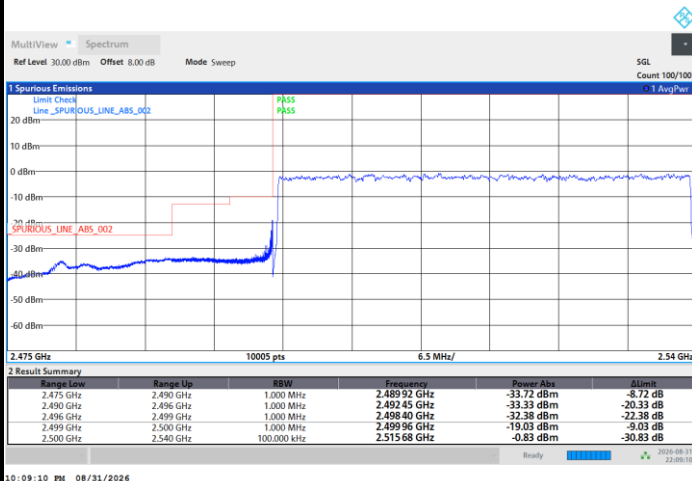
Highest Band Edge / Full RB



FR1 n7 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

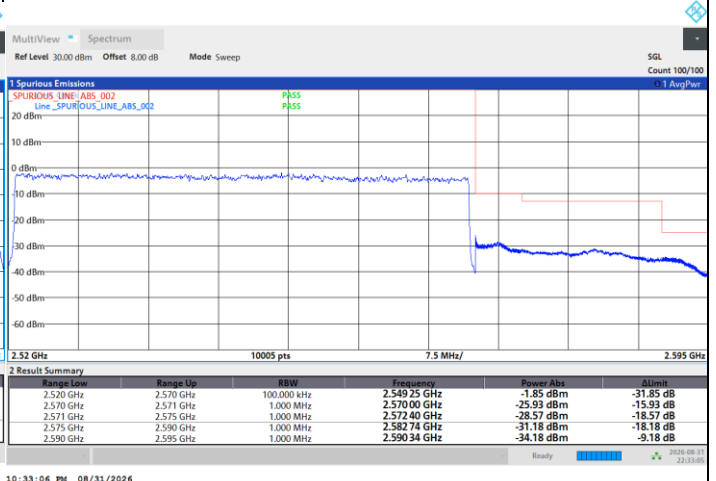
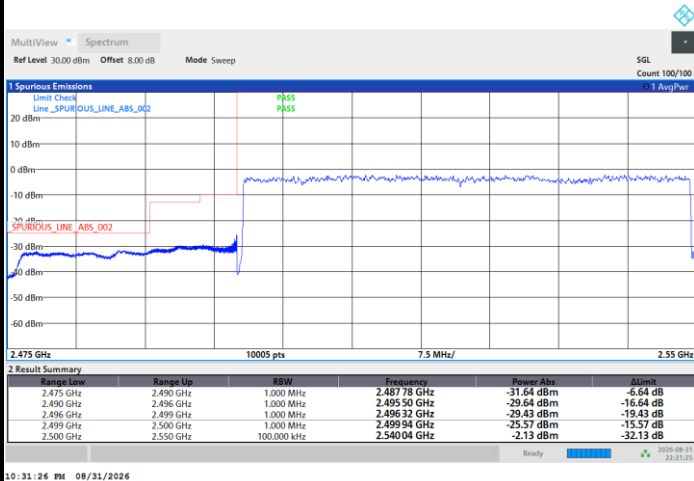




FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

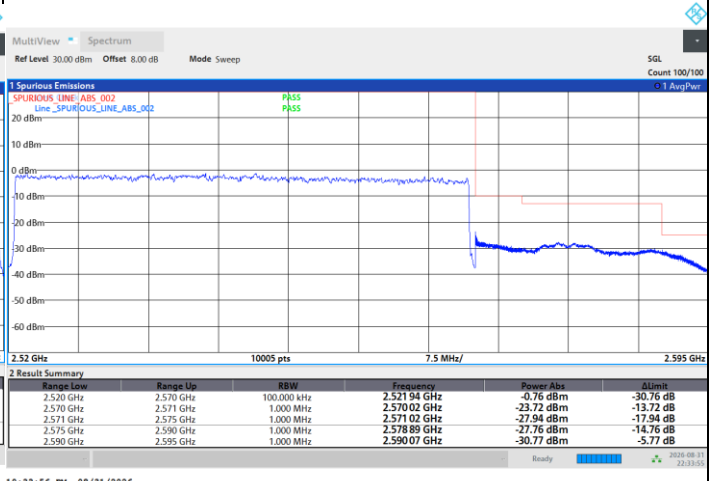
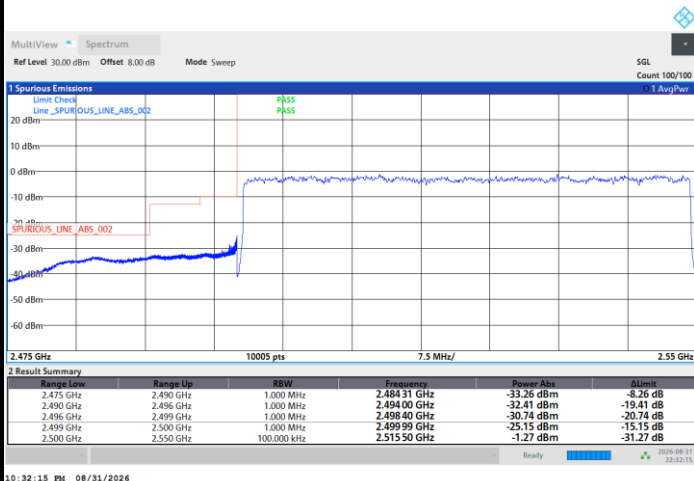
Highest Band Edge / Full RB



FR1 n7 / 50MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



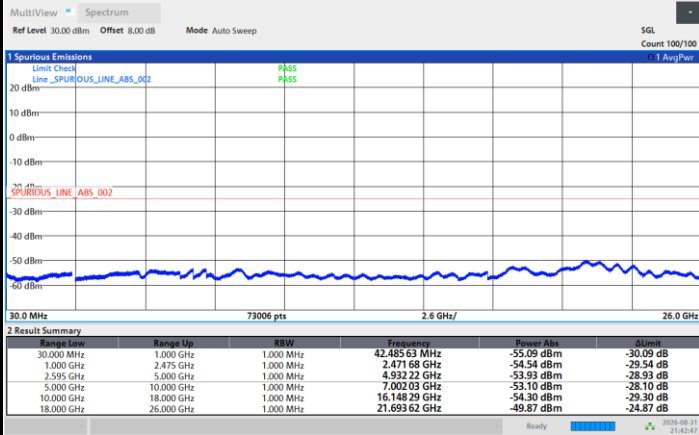


Conducted Spurious Emission

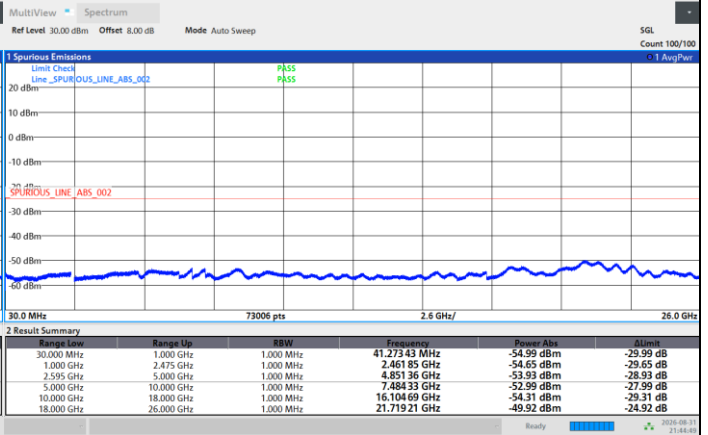
FR1 n7 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel

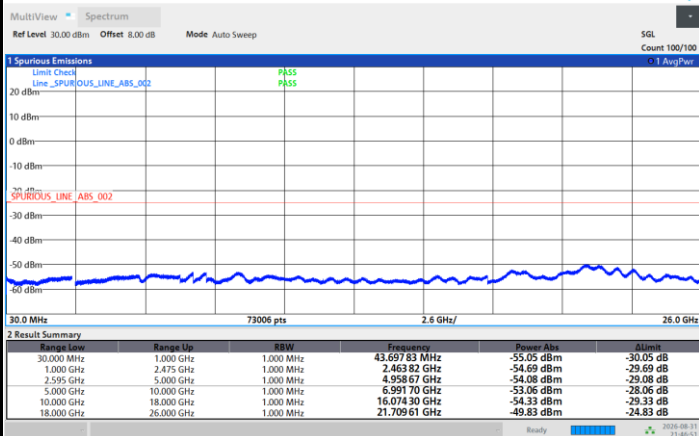


09:42:47 PM 08/31/2026



09:44:50 PM 08/31/2026

Highest Channel



09:46:51 PM 08/31/2026

Frequency Stability

Test Conditions		FR1 n7 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0044	11.2	Yes	PASS
40	Normal Voltage	0.0020	5	Yes	
30	Normal Voltage	0.0026	6.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0018	4.5	Yes	
0	Normal Voltage	0.0008	2.1	Yes	
-10	Normal Voltage	0.0020	-5.1	Yes	
-20	Normal Voltage	0.0011	-2.7	Yes	
-30	Normal Voltage	0.0010	2.6	Yes	
20	Maximum Voltage	0.0026	6.6	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0044	11.1	Yes	

Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.57 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 n7 for PA Reference Designator—ANT2

<SISO Mode>

Peak-to-Average Ratio

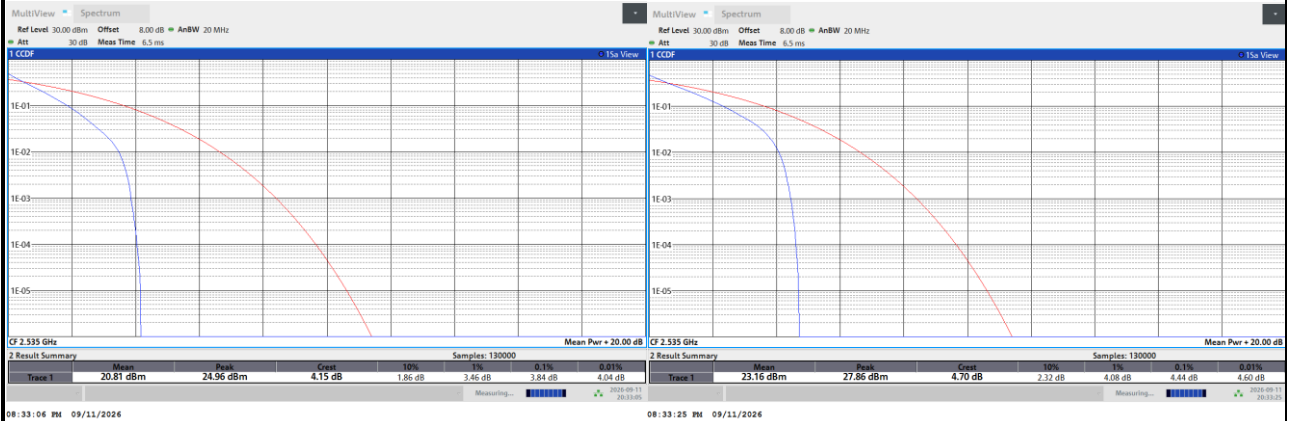
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.84	4.44	5.42	5.78	PASS
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.74				PASS



FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

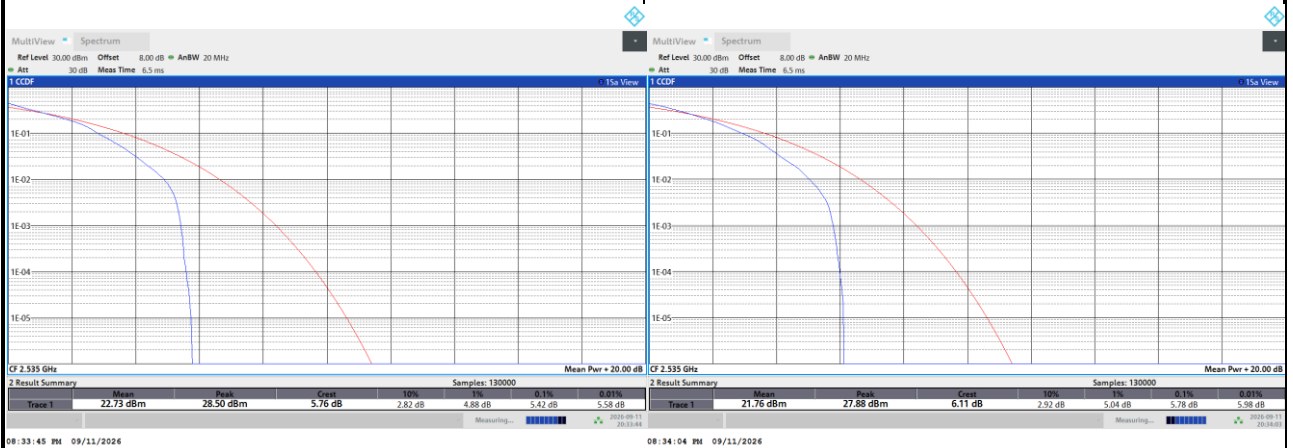
PI/2 BPSK

QPSK

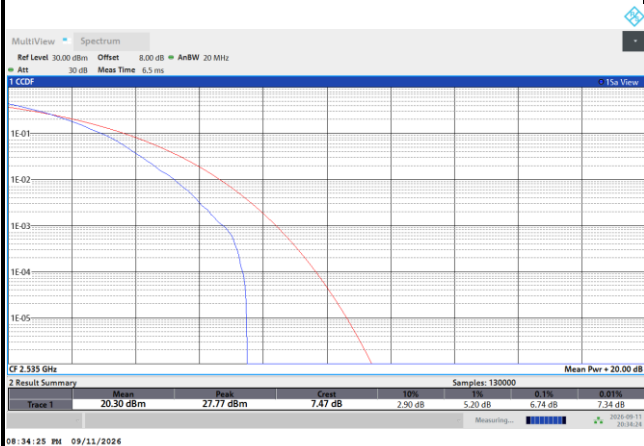


16QAM

64QAM



256QAM



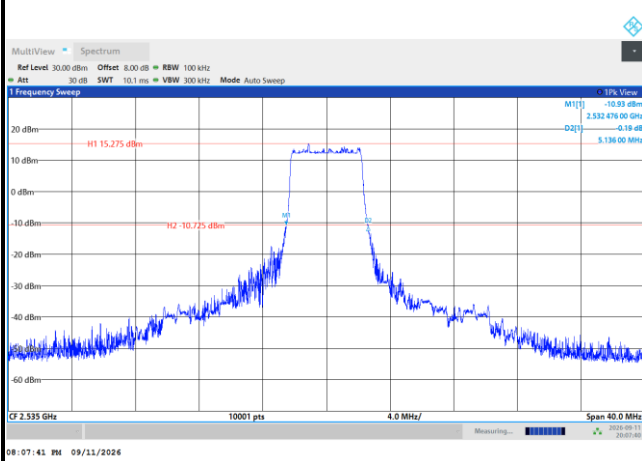
**26dB Bandwidth**

Mode	FR1 n7 : 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	5.13	5.12	9.85	9.94	14.50	15.10	19.39	20.13
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	5.10		9.91		14.67		19.29	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	24.78	24.64	31.16	31.36	34.97	34.76	41.14	41.29
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	24.76		31.05		34.66		41.15	
BW	50MHz							
Mod.	PI/2 BPSK	QPSK						
Middle CH	50.85	51.16						
Mod.	16QAM							
Middle CH	50.93							

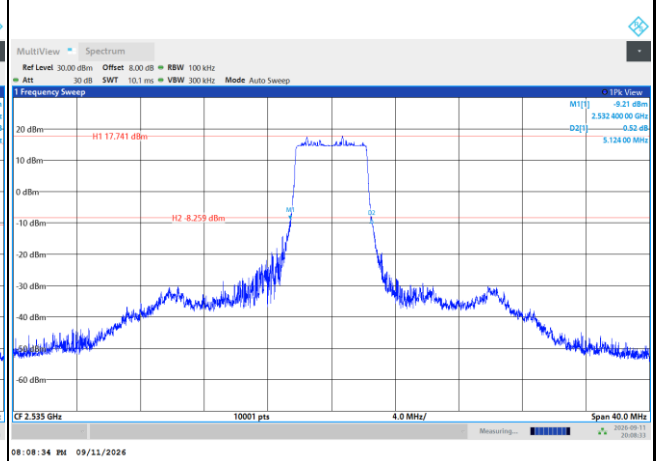


FR1 n7 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

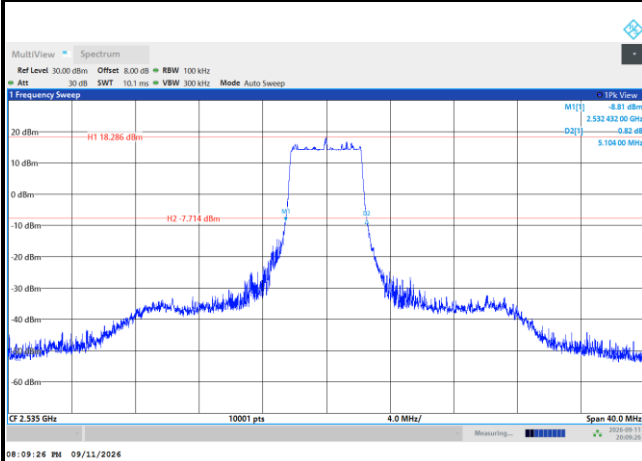
PI/2 BPSK



QPSK



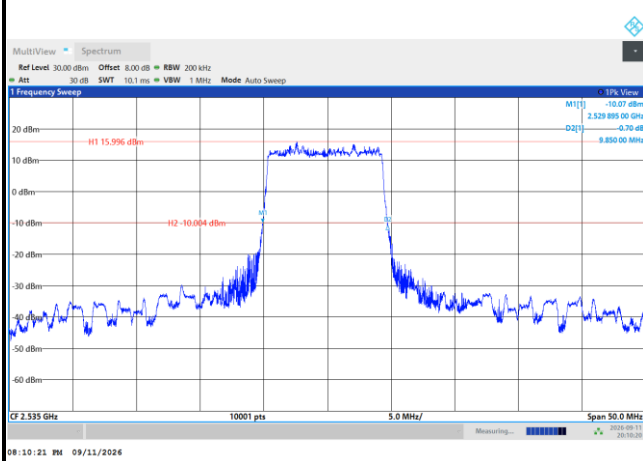
16QAM



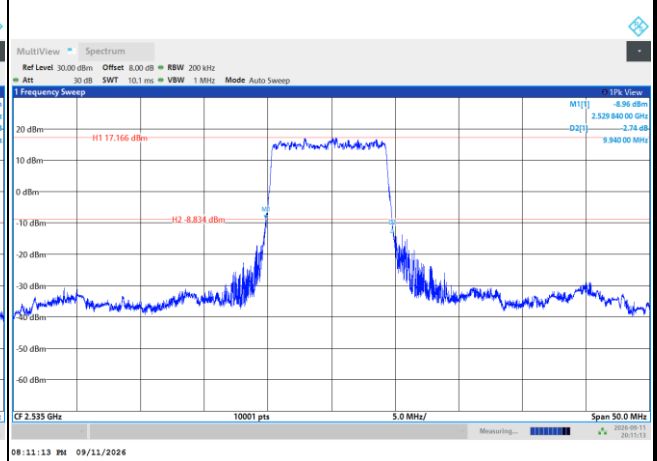


FR1 n7 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

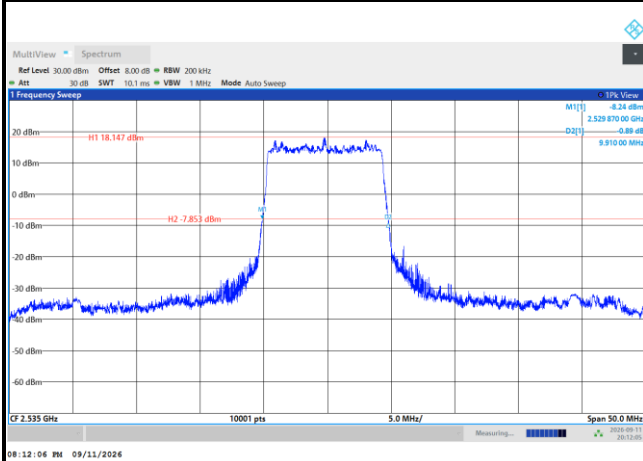
PI/2 BPSK



QPSK



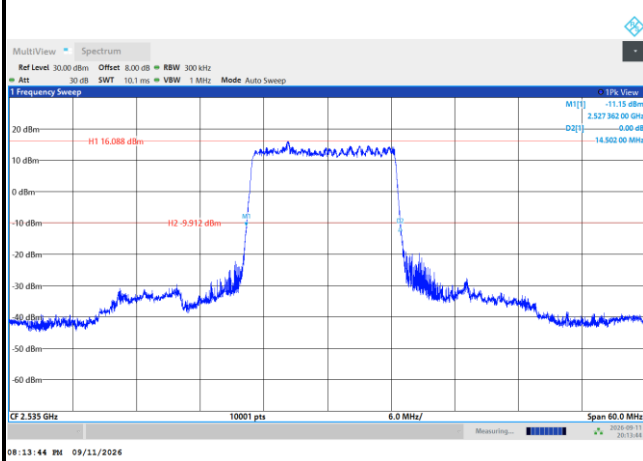
16QAM



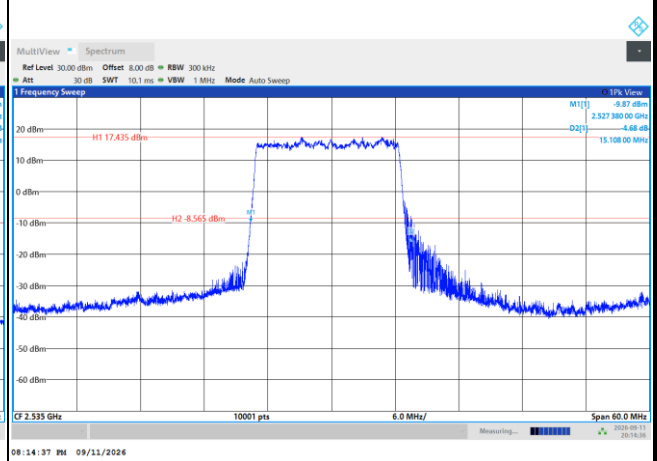


FR1 n7 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

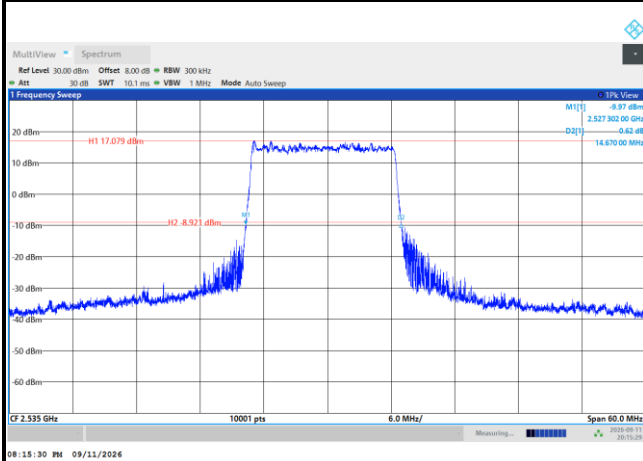
PI/2 BPSK



QPSK



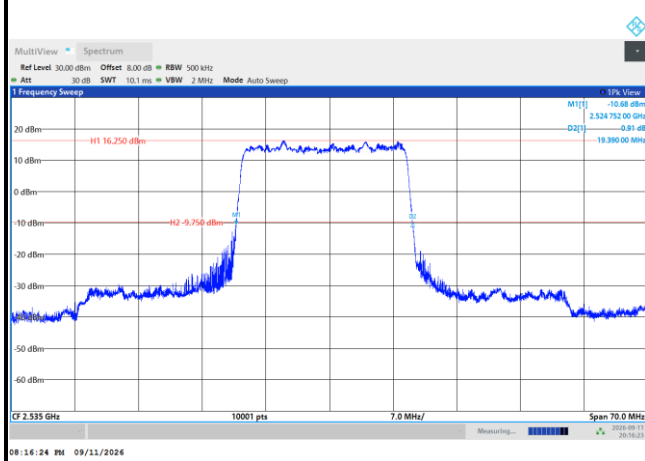
16QAM



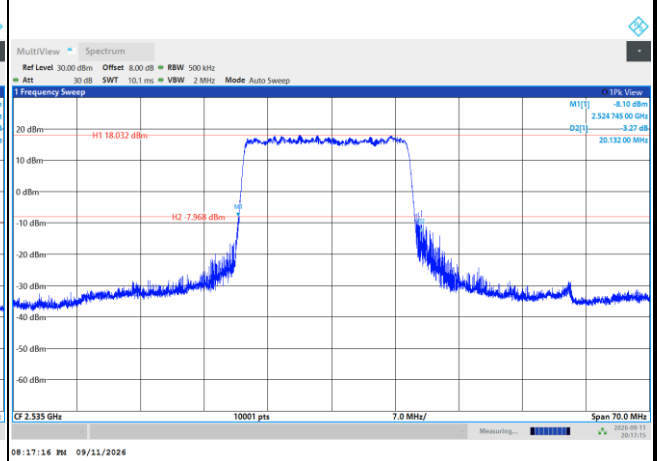


FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

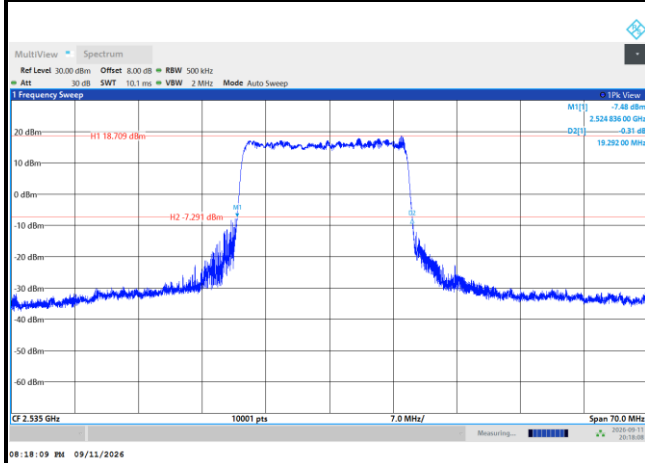
PI/2 BPSK



QPSK



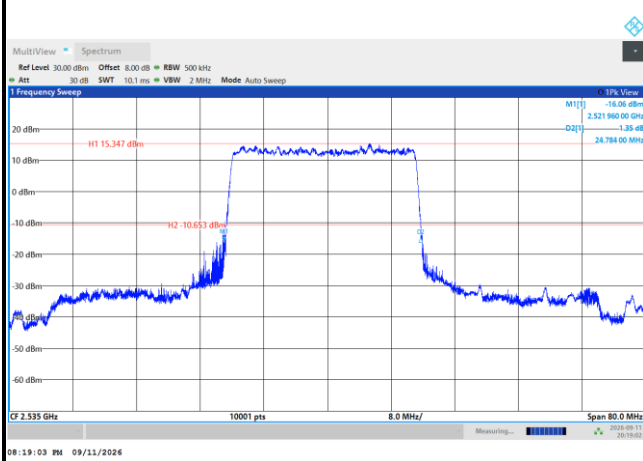
16QAM



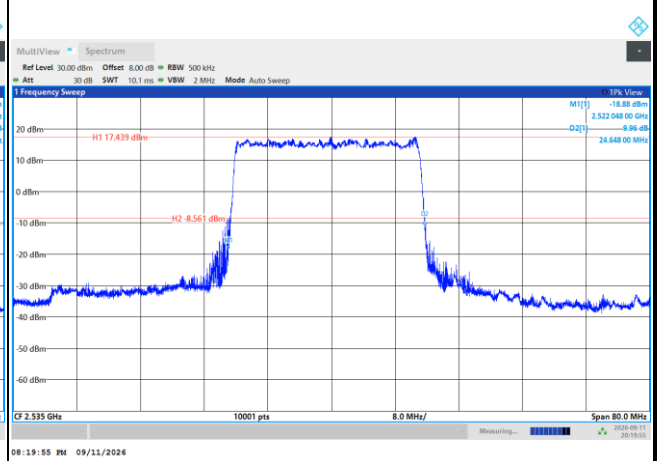


FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

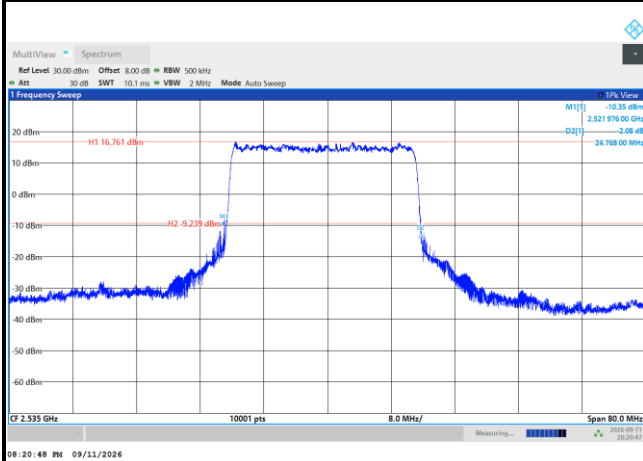
PI/2 BPSK



QPSK



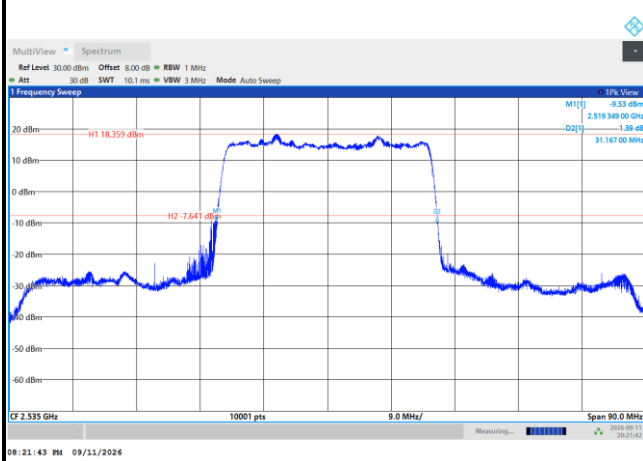
16QAM



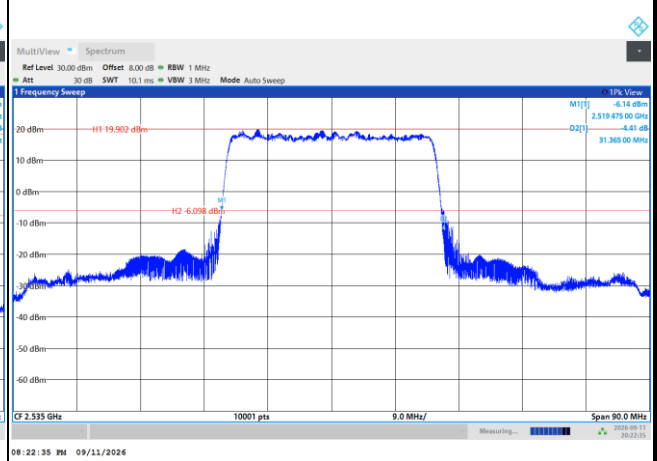


FR1 n7 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

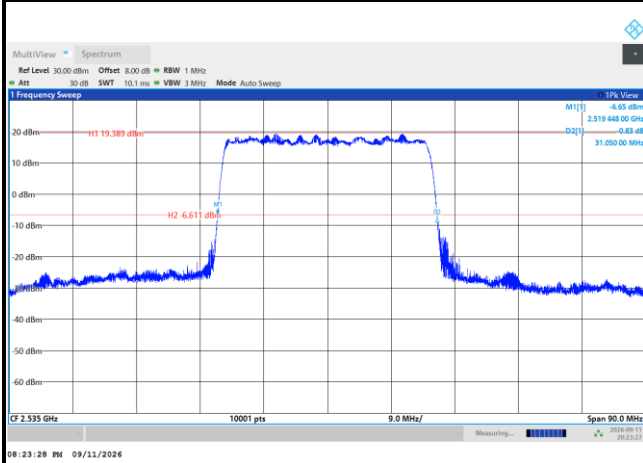
PI/2 BPSK



QPSK



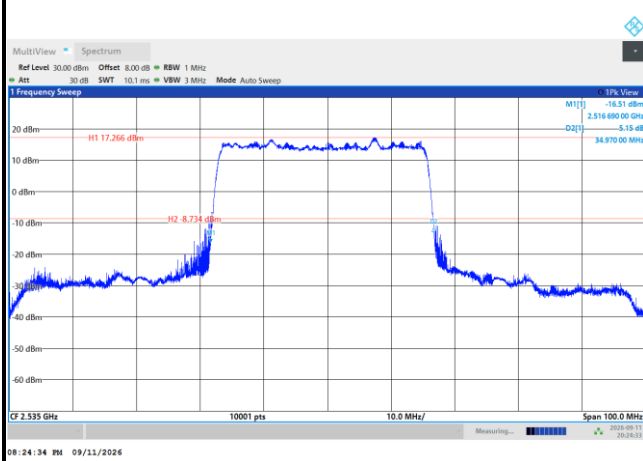
16QAM



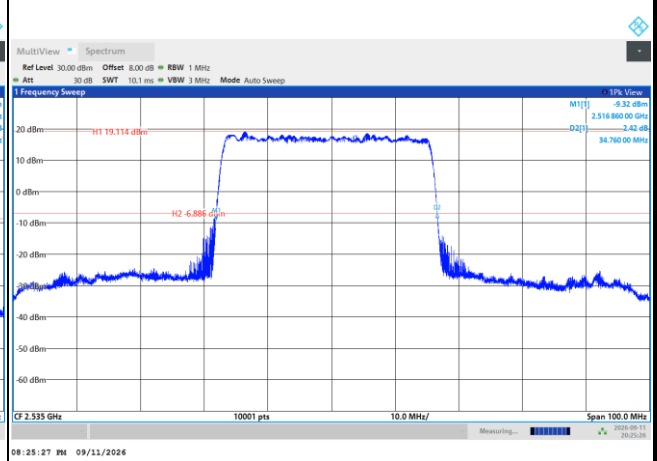


FR1 n7 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

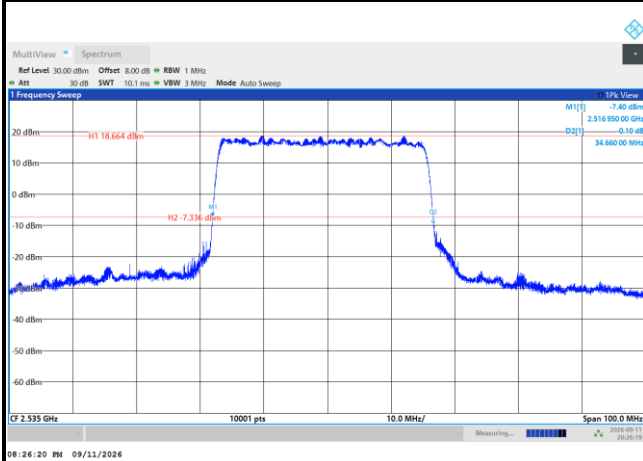
PI/2 BPSK



QPSK



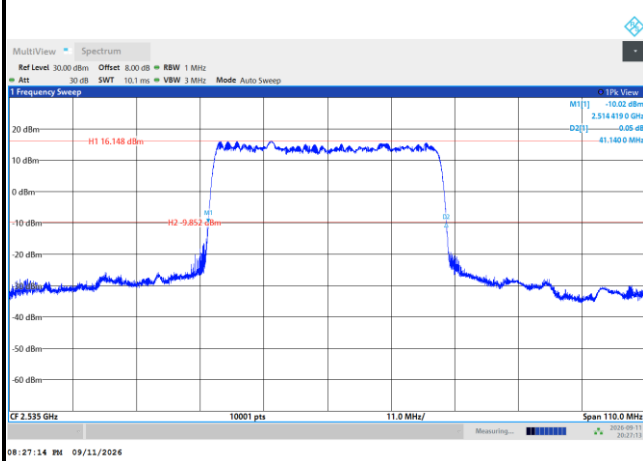
16QAM



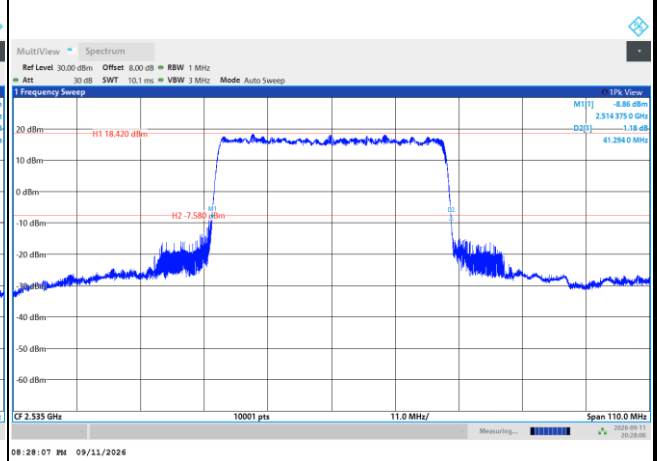


FR1 n7 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

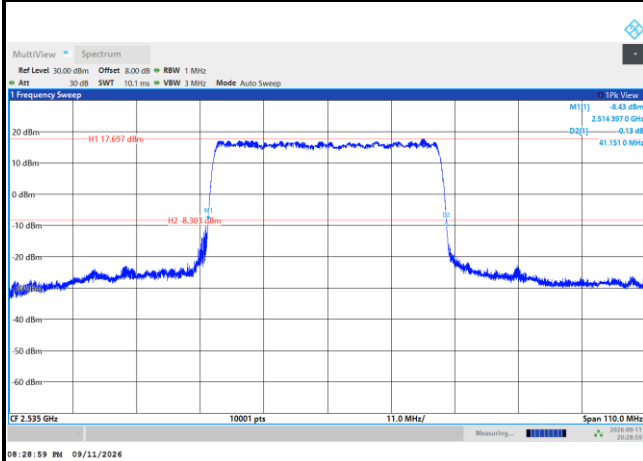
PI/2 BPSK



QPSK



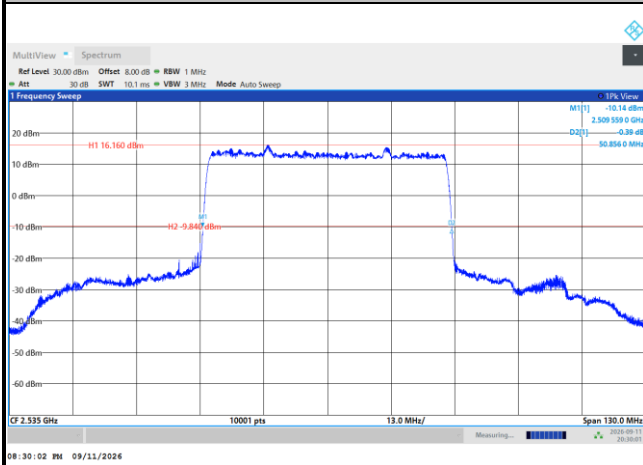
16QAM



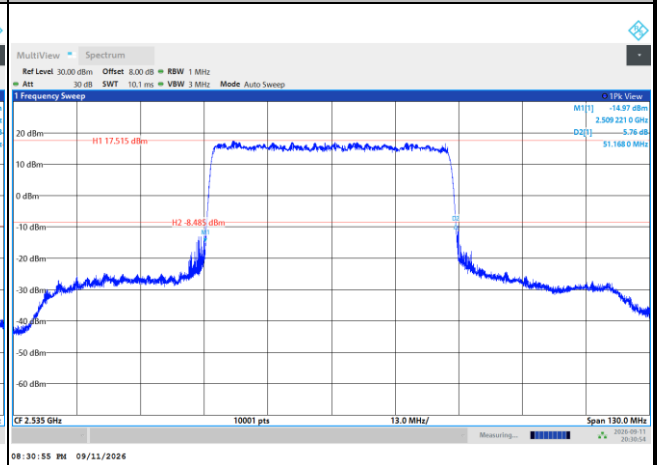


FR1 n7 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

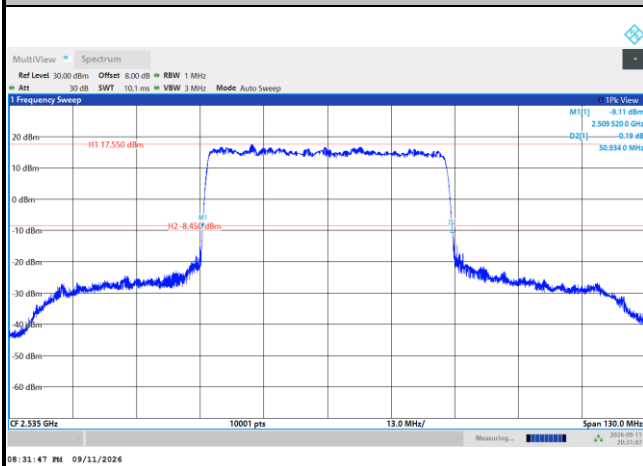
PI/2 BPSK



QPSK



16QAM



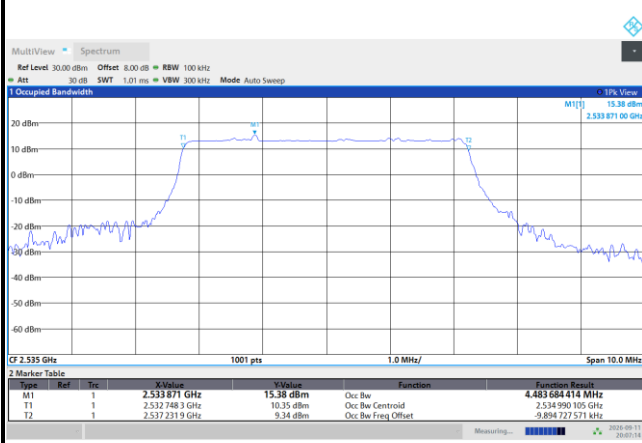
**Occupied Bandwidth**

Mode	FR1 n7 : 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	4.48	4.48	8.99	8.99	13.47	13.50	18.02	17.99
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	4.50		9.01		13.53		17.96	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	23.01	23.05	29.02	28.99	32.55	32.57	38.75	39.01
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	22.99		28.93		32.46		38.80	
BW	50MHz							
Mod.	PI/2 BPSK	QPSK						
Middle CH	48.43	48.27						
Mod.	16QAM							
Middle CH	48.35							



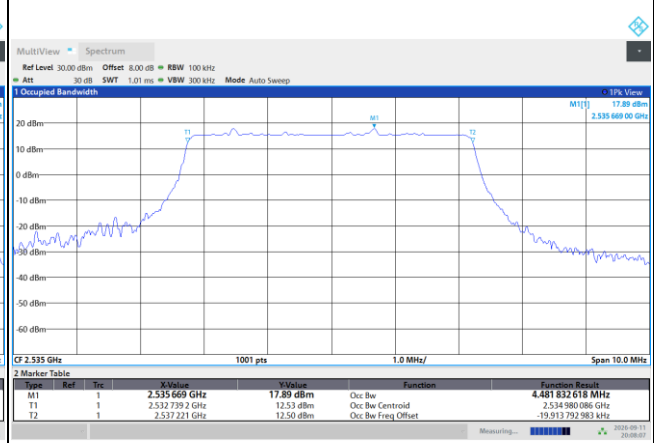
FR1 n7 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



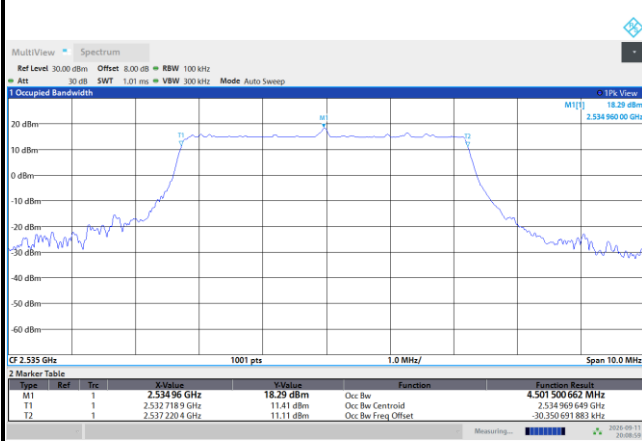
08:07:15 PM 09/11/2024

QPSK



08:08:07 PM 09/11/2024

16QAM

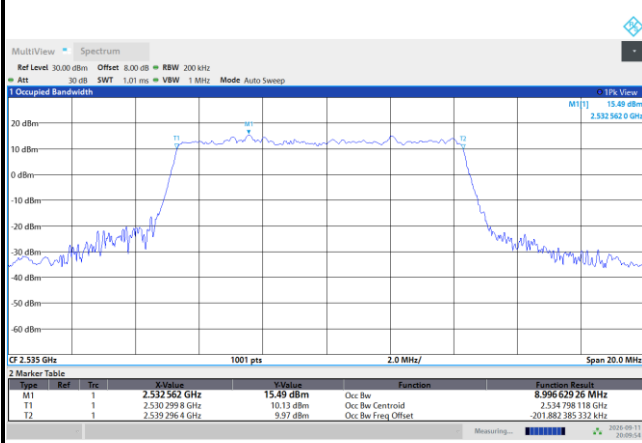


08:09:00 PM 09/11/2024



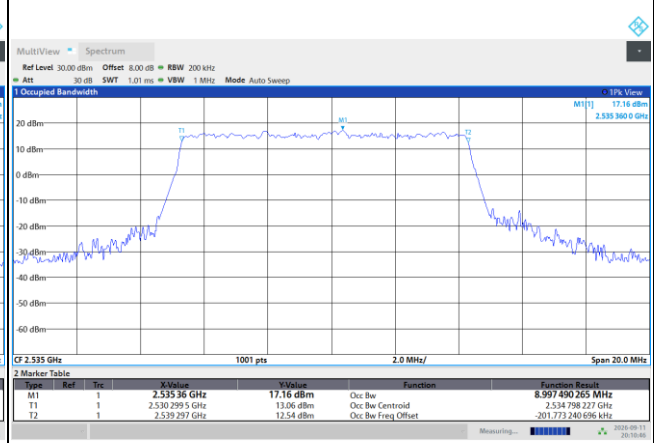
FR1 n7 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



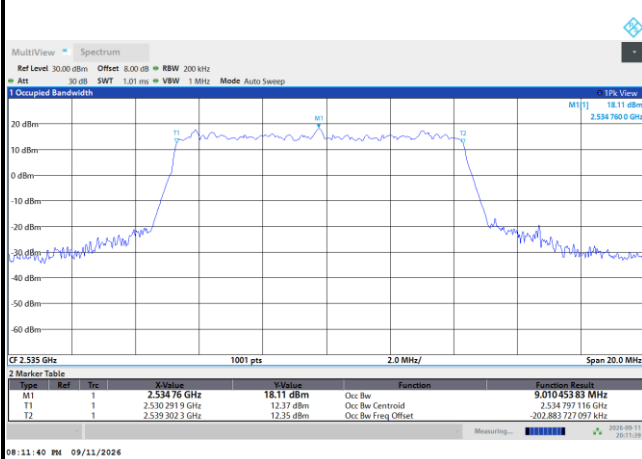
08:09:14 PM 09/11/2026

QPSK



08:10:47 PM 09/11/2026

16QAM

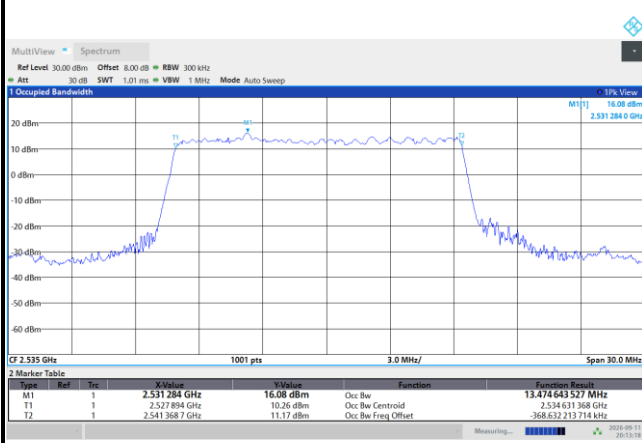


08:11:40 PM 09/11/2026



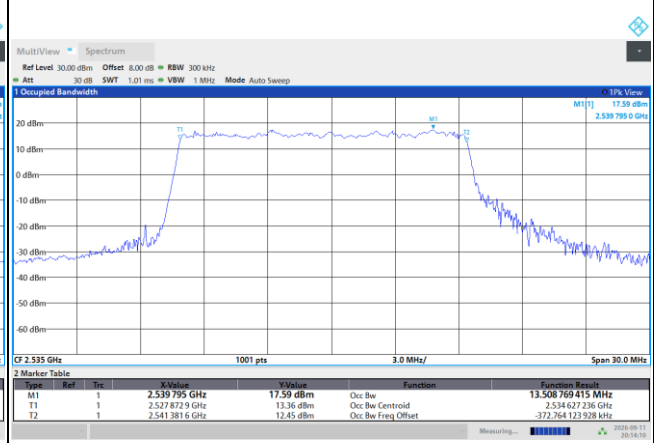
FR1 n7 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



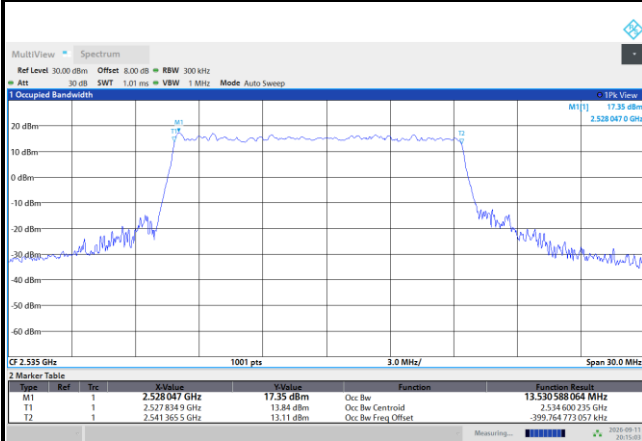
09:13:18 PM 09/11/2026

QPSK



08:14:11 PM 09/11/2026

16QAM

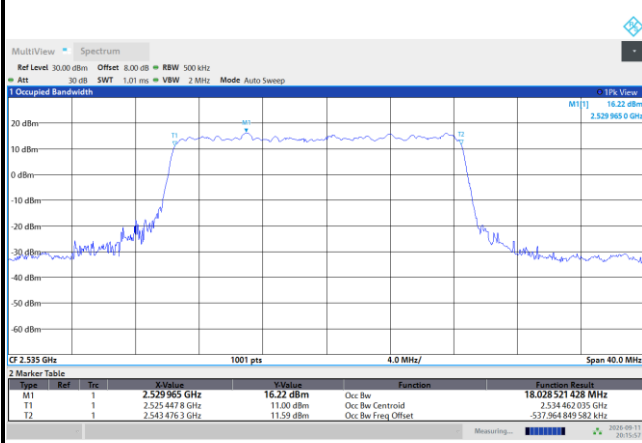


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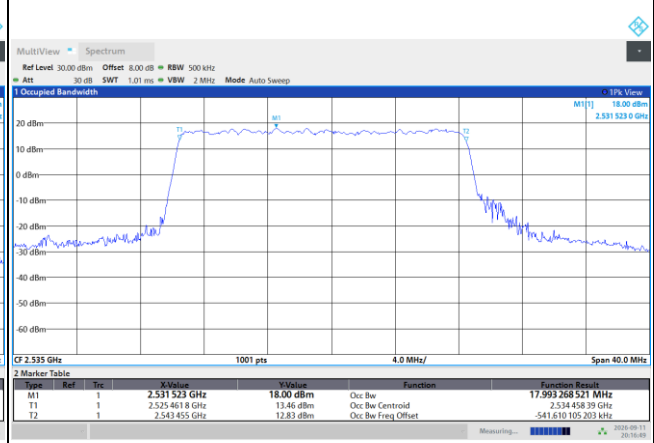


FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

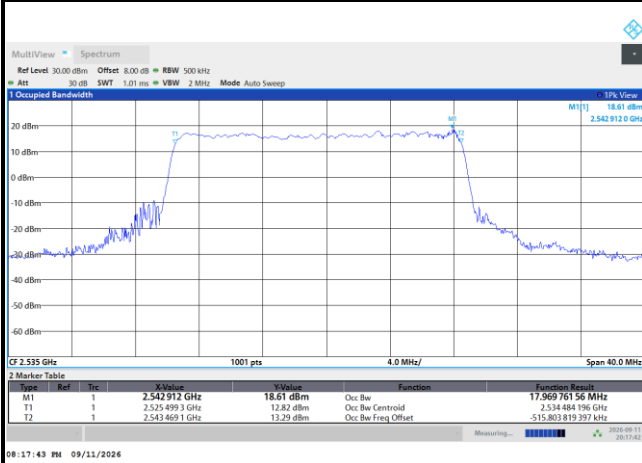
PI/2 BPSK



QPSK



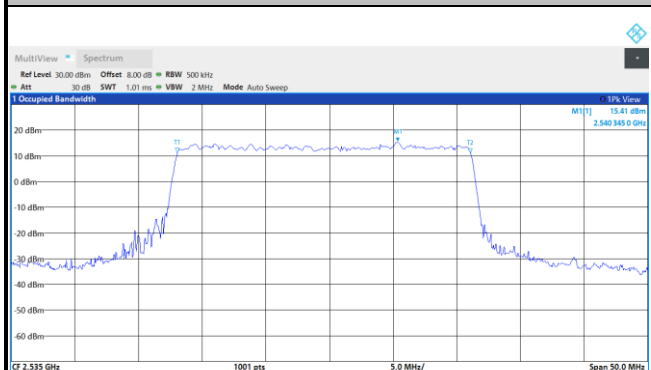
16QAM





FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

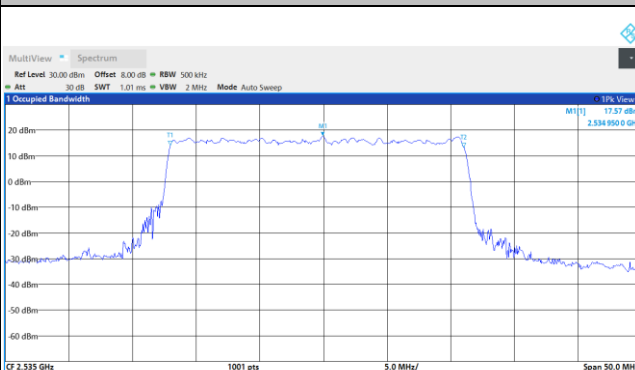
PI/2 BPSK



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.540345 GHz	15.41 dBm	Occ Bw	23.015413 651 MHz
T1	1		2.5230525 GHz	11.23 dBm	Occ Bw Centroid	2.534560223 GHz
T2	1		2.5460679 GHz	11.68 dBm	Occ Bw Freq Offset	-439.777315 216 kHz

08:18:37 PM 09/11/2026

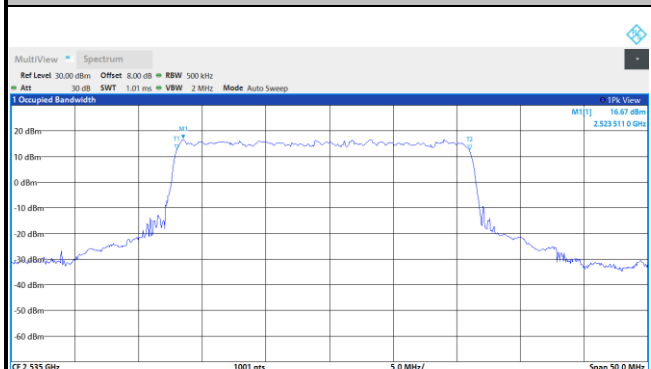
QPSK



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.53495 GHz	17.57 dBm	Occ Bw	23.056095 882 MHz
T1	1		2.5229765 GHz	14.06 dBm	Occ Bw Centroid	2.534504551 GHz
T2	1		2.5460326 GHz	13.38 dBm	Occ Bw Freq Offset	-495.449353 119 kHz

08:19:29 PM 09/11/2026

16QAM



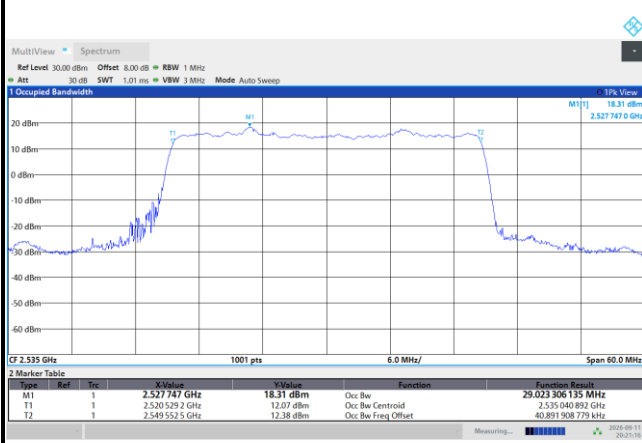
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.523511 GHz	16.67 dBm	Occ Bw	22.998305 643 MHz
T1	1		2.5230075 GHz	12.80 dBm	Occ Bw Centroid	2.534506668 GHz
T2	1		2.5460059 GHz	12.67 dBm	Occ Bw Freq Offset	-493.332188 542 kHz

08:20:22 PM 09/11/2026



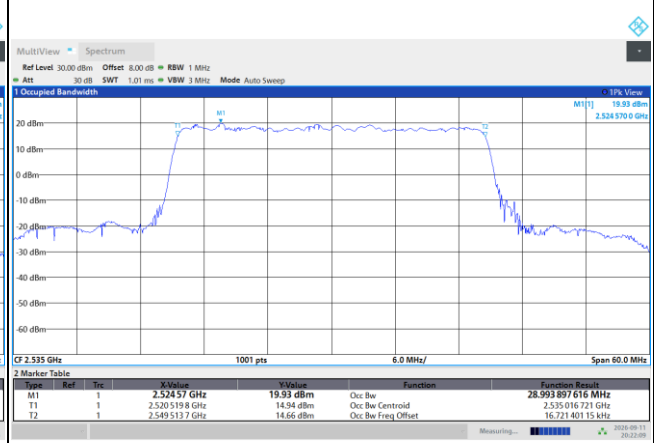
FR1 n7 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



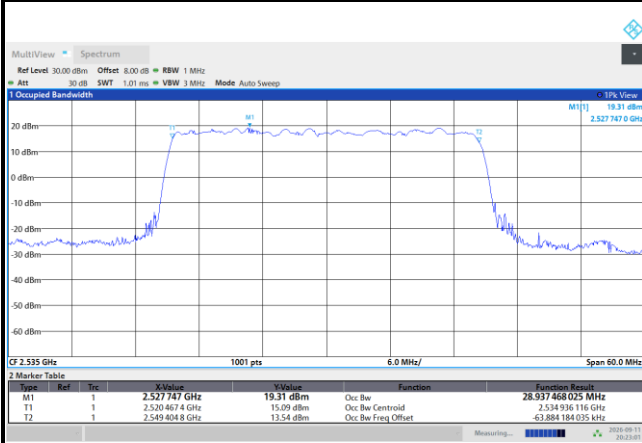
09:21:17 PM 09/11/2026

QPSK



08:22:09 PM 09/11/2026

16QAM



08:23:02 PM 09/11/2026