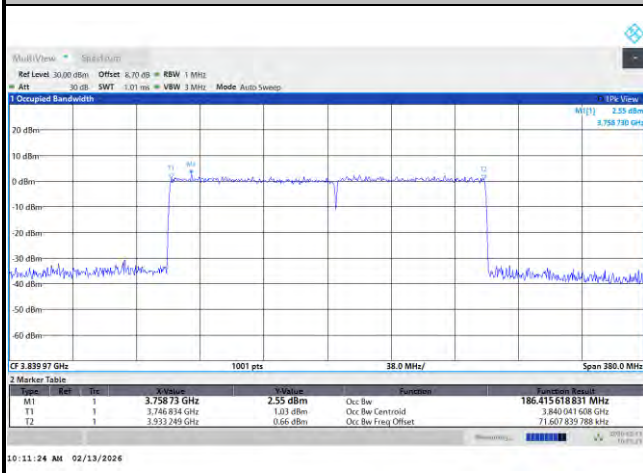




FR1 n77C / 100M90M / CP OFDM / Middle Channel / Full RB

QPSK

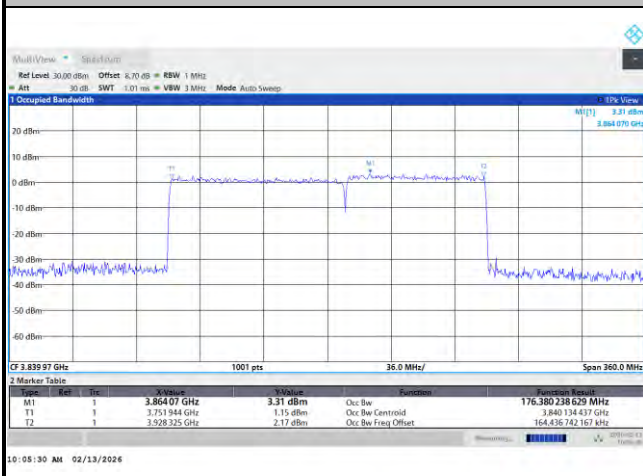


16Q



FR1 n77C / 100M80M / CP OFDM / Middle Channel / Full RB

QPSK



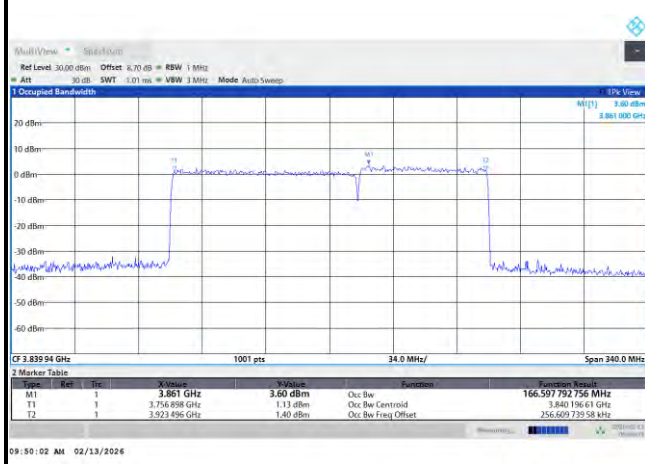
16Q





FR1 n77C / 100M70M / CP OFDM / Middle Channel / Full RB

QPSK



16Q



FR1 n77C / 100M60M / CP OFDM / Middle Channel / Full RB

QPSK



16Q



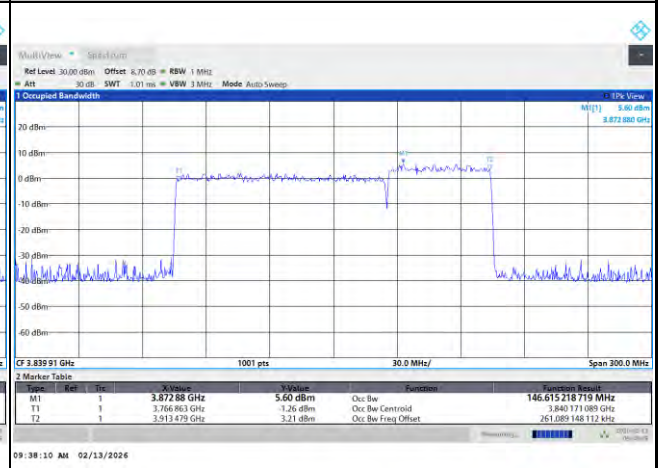


FR1 n77C / 100M50M / CP OFDM / Middle Channel / Full RB

QPSK



16Q

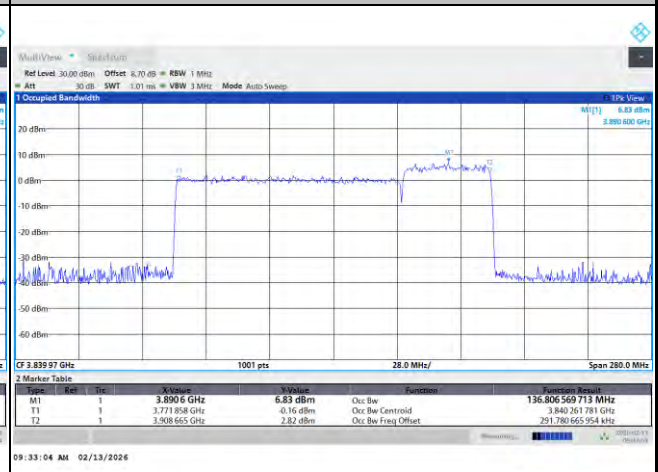


FR1 n77C / 100M40M / CP OFDM / Middle Channel / Full RB

QPSK



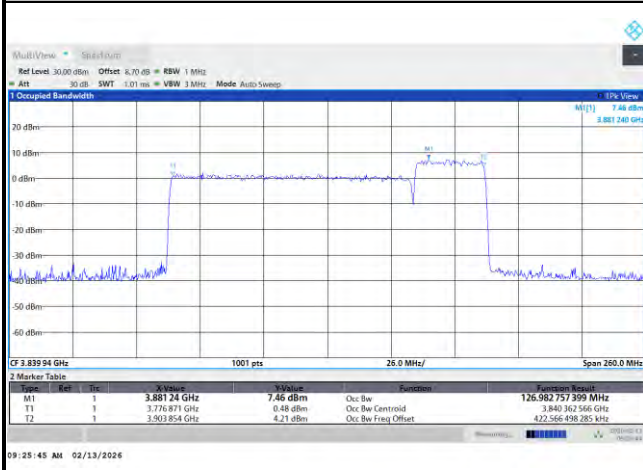
16Q



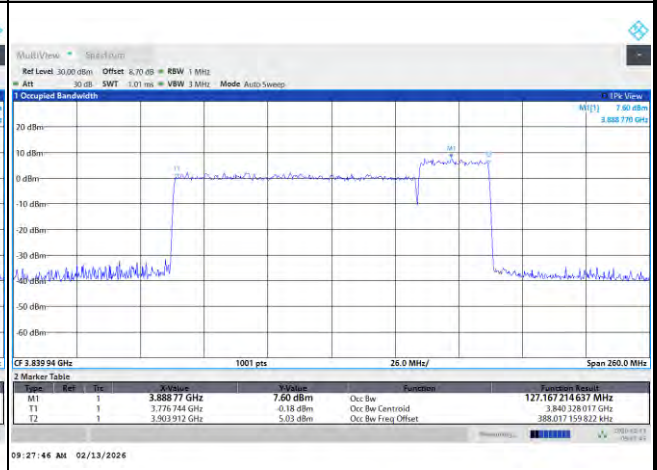


FR1 n77C / 100M30M / CP OFDM / Middle Channel / Full RB

QPSK

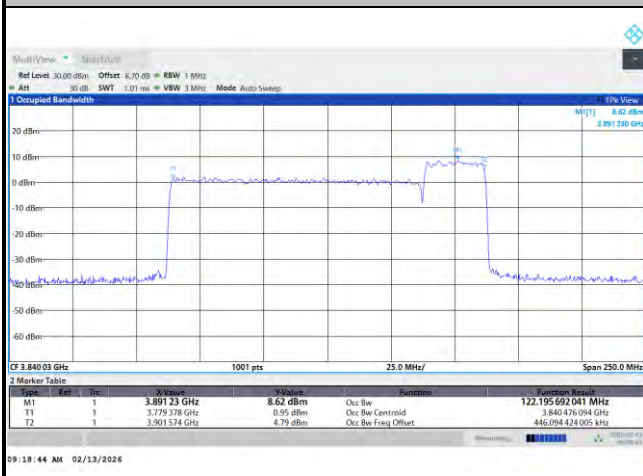


16Q

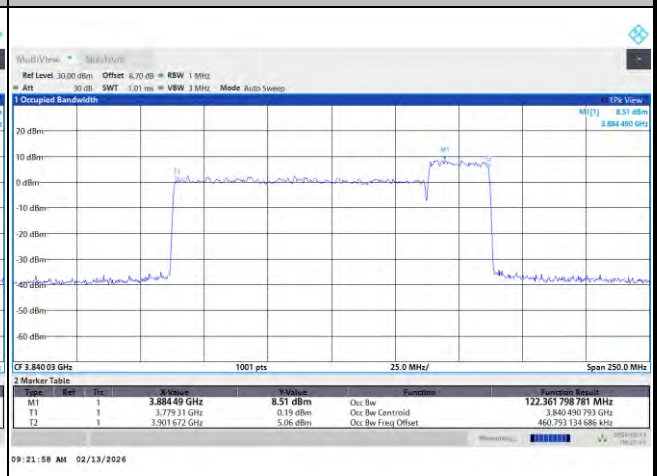


FR1 n77C / 100M25M / CP OFDM / Middle Channel / Full RB

QPSK



16Q





FR1 n77C / 100M20M / CP OFDM / Middle Channel / Full RB

QPSK

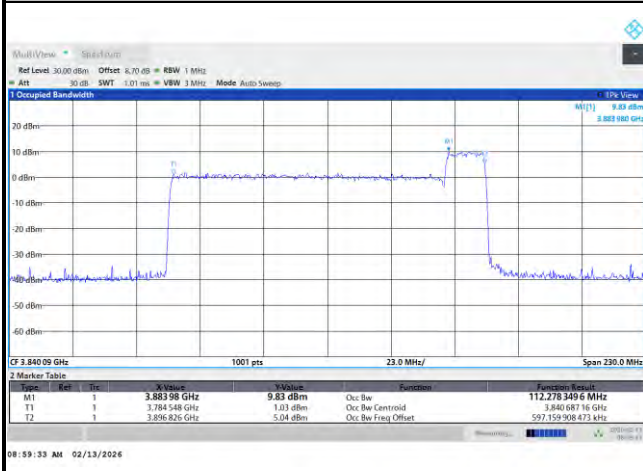


16Q



FR1 n77C / 100M15M / CP OFDM / Middle Channel / Full RB

QPSK



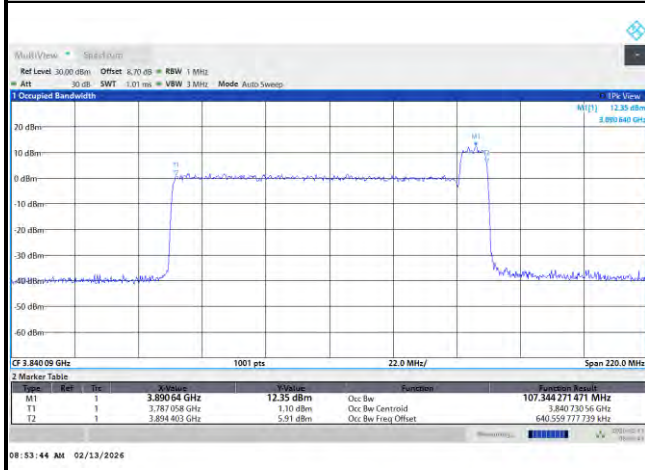
16Q



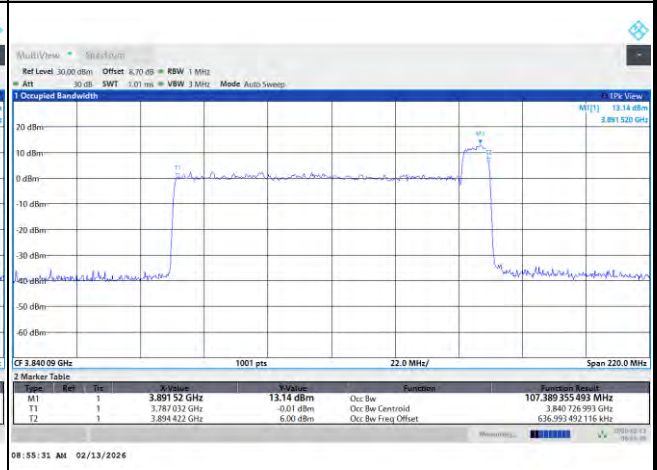


FR1 n77C / 100M10M / CP OFDM / Middle Channel / Full RB

QPSK



16Q



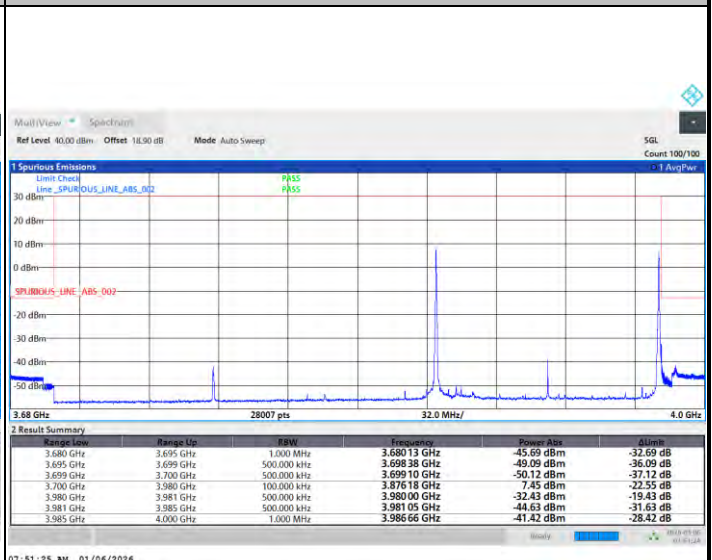
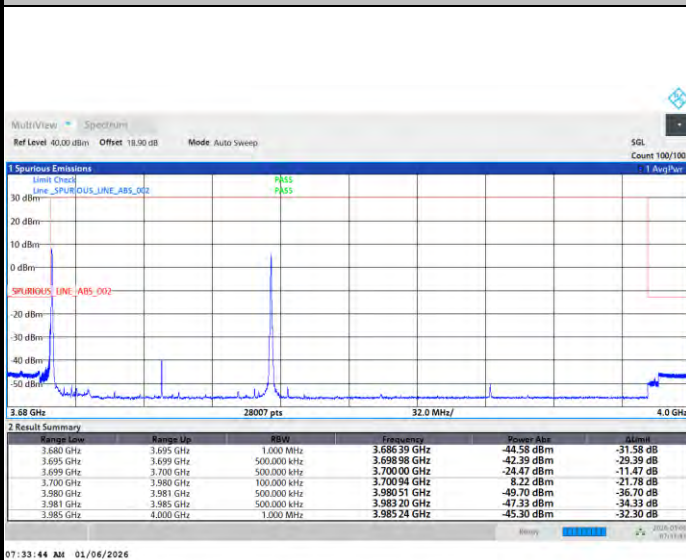


Conducted Band Edge

FR1 n77C / 15M90M / CP OFDM / QPSK

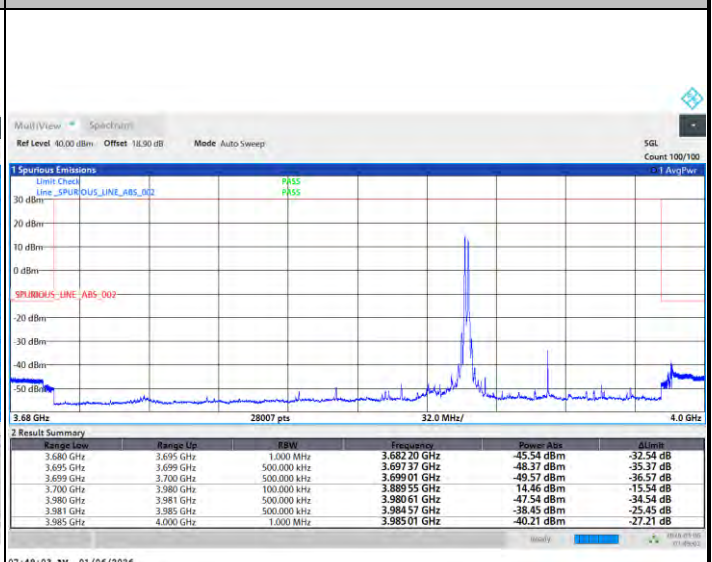
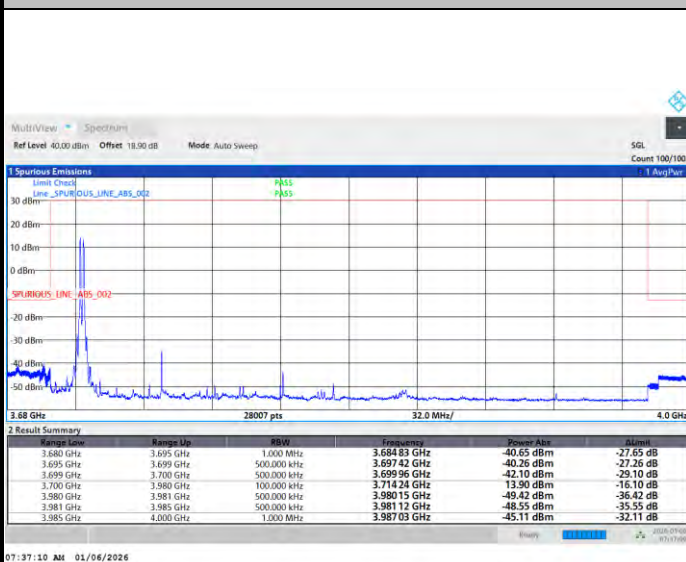
Lowest Band Edge / 1RB0+1RBMX

Highest Band Edge / 1RB0+1RBMX



Lowest Band Edge / 1RBMX+1RB0

Highest Band Edge / 1RBMX+1RB0

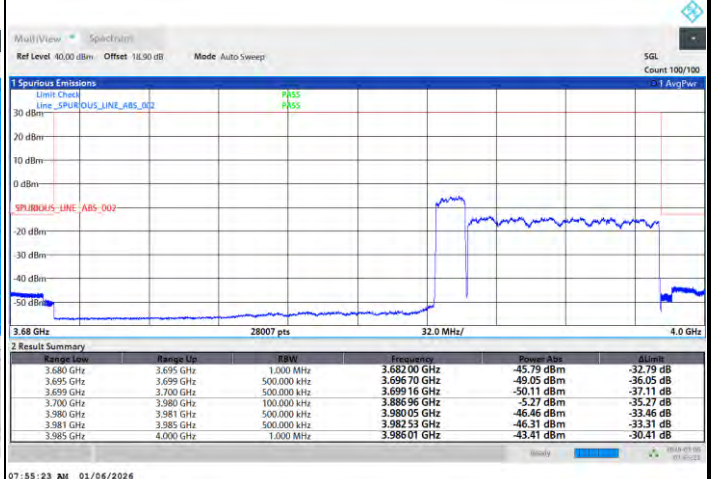
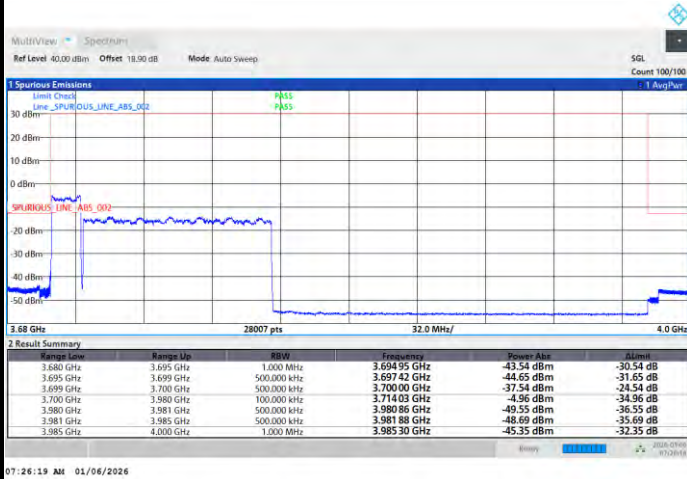




FR1 n77C / 15M90M / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

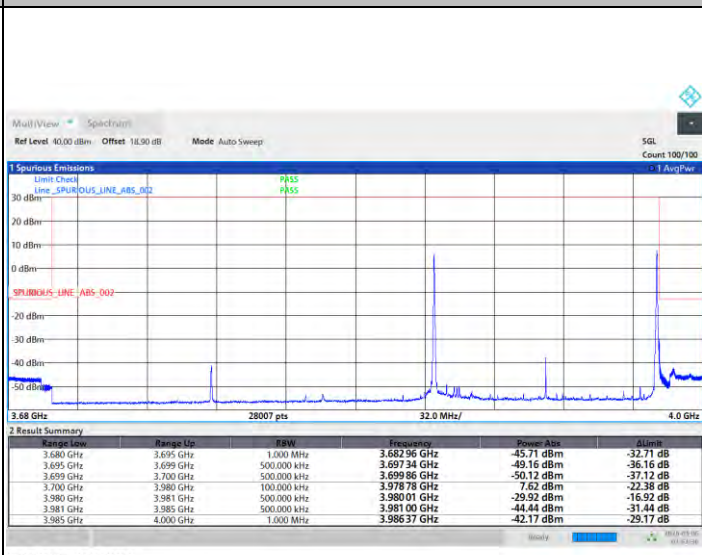
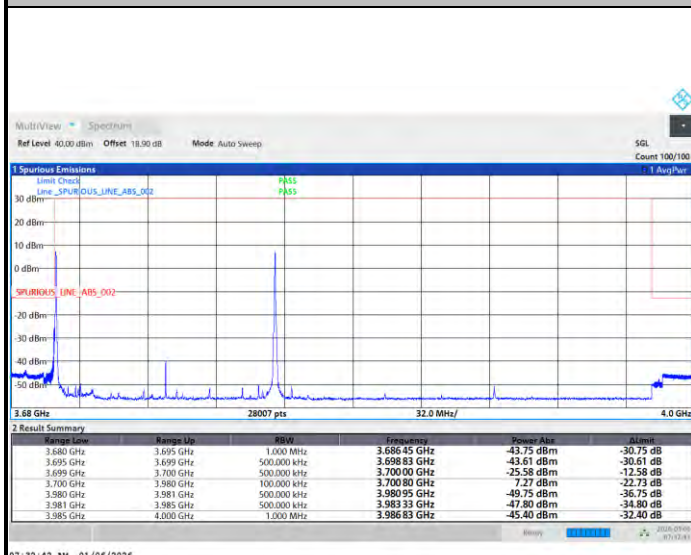




FR1 n77C / 15M90M / CP OFDM / 16QAM

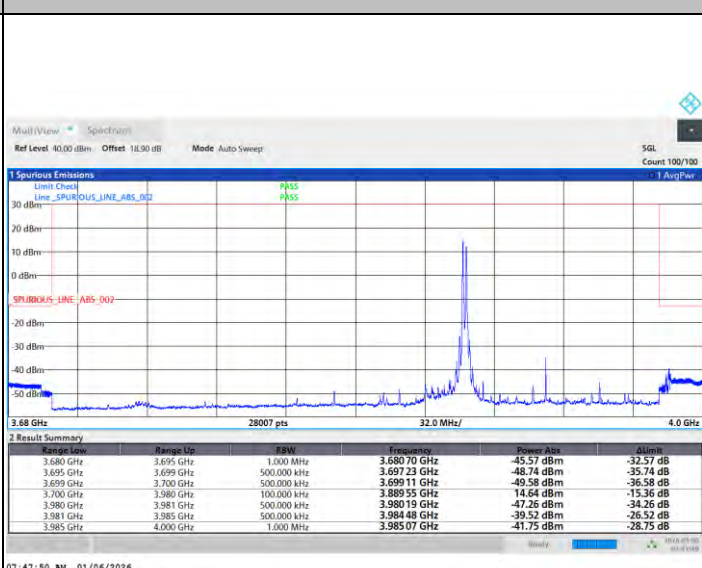
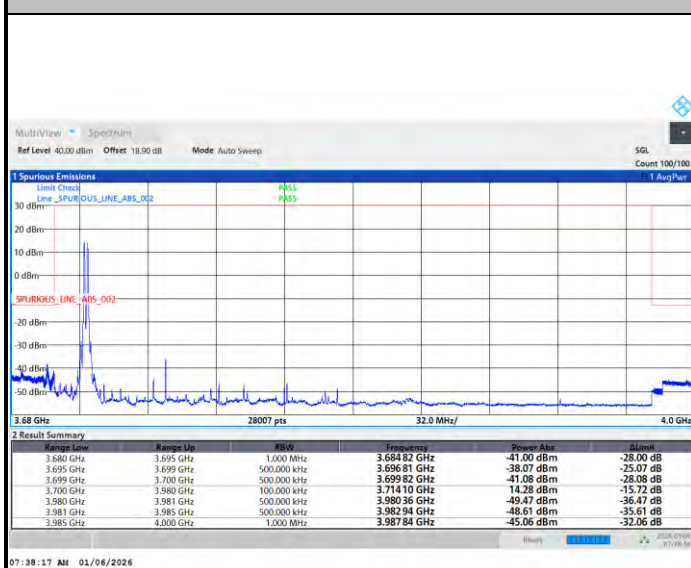
Lowest Band Edge / 1RB0+1RBMAX

Highest Band Edge / 1RB0+1RBMAX



Lowest Band Edge / 1RBMAX+1RB0

Highest Band Edge / 1RBMAX+1RB0

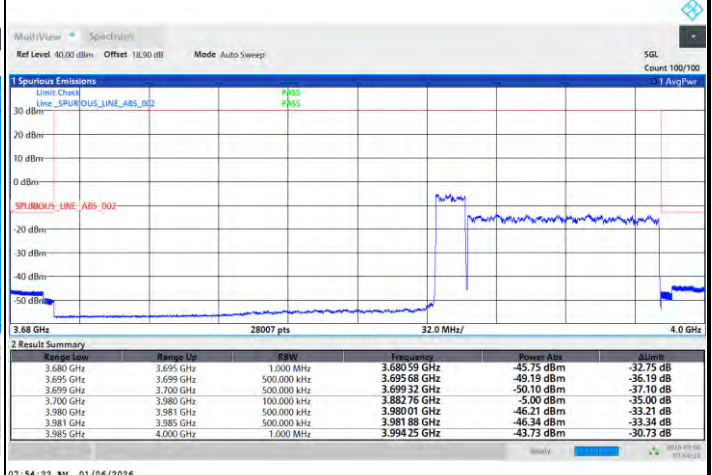
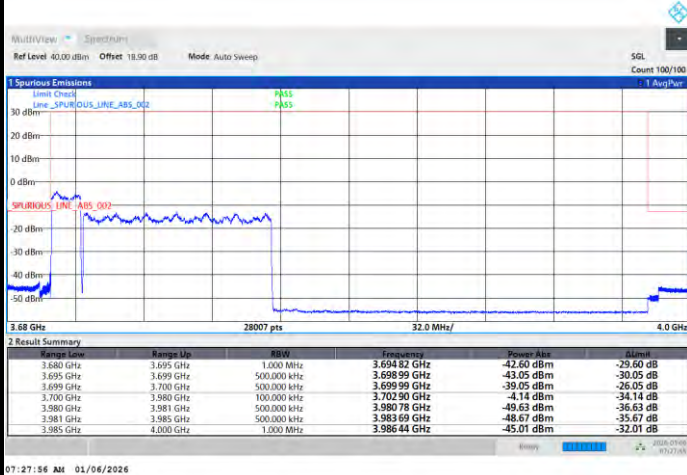




FR1 n77C / 15M90M / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

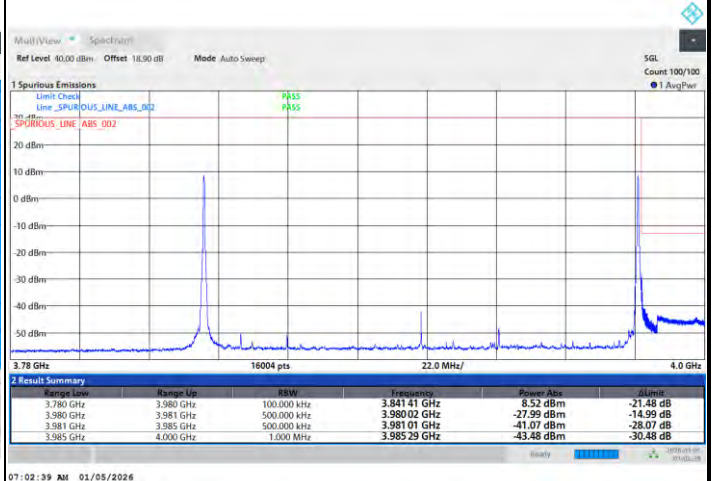
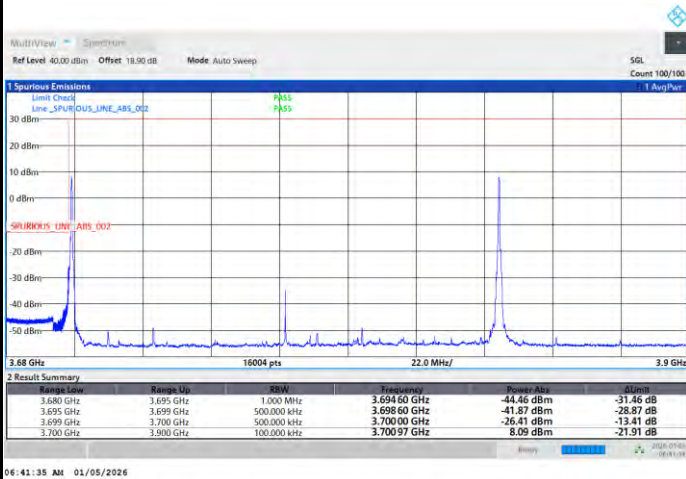




FR1 n77C / 100M40M / CP OFDM / QPSK

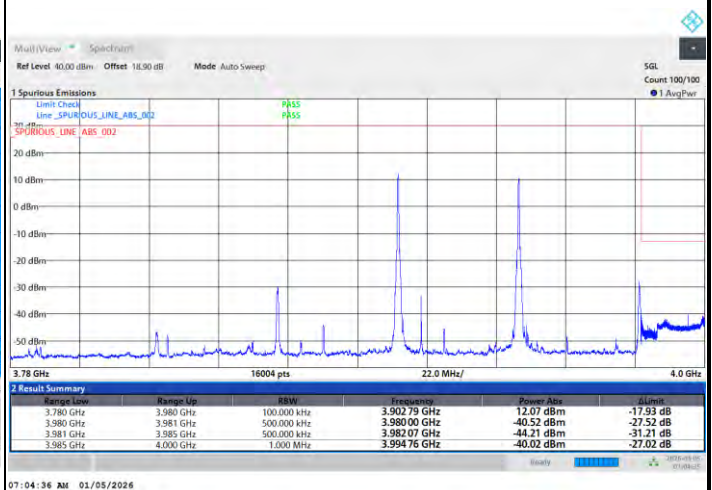
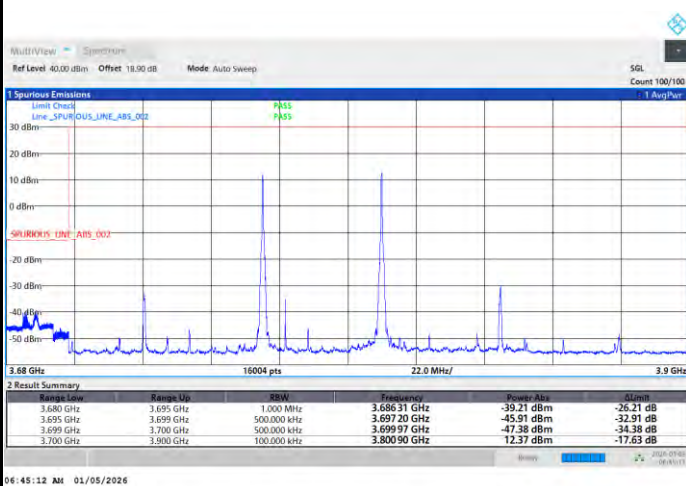
Lowest Band Edge / 1RB0+1RBMAX

Highest Band Edge / 1RB0+1RBMAX



Lowest Band Edge / 1RBMAX+1RB0

Highest Band Edge / 1RBMAX+1RB0

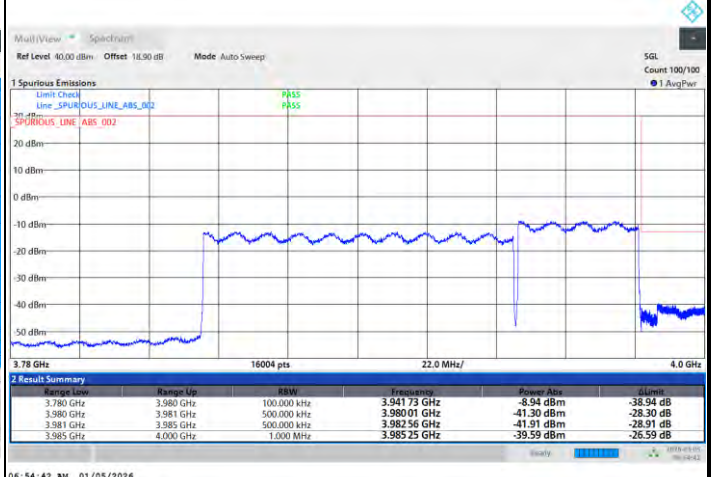




FR1 n77C / 100M40M / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

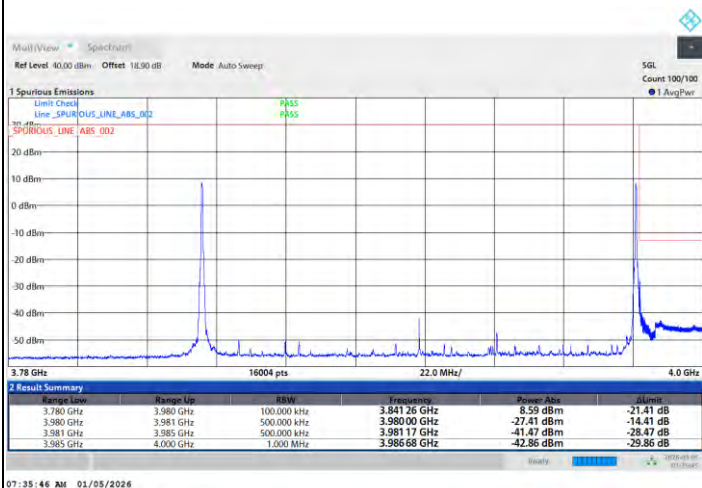
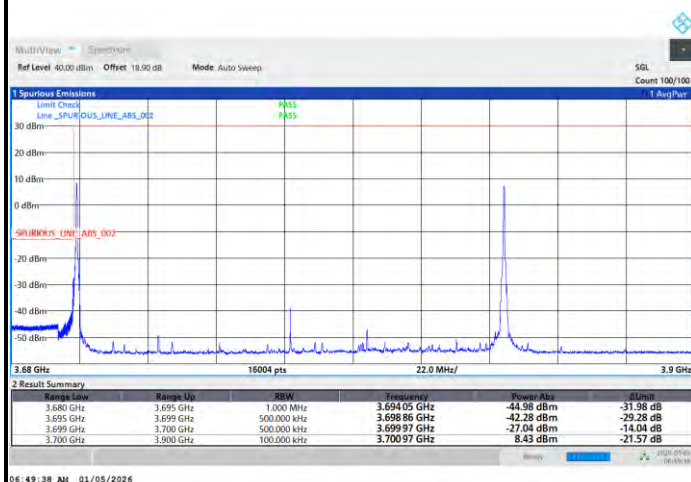




FR1 n77C / 100M40M / CP OFDM / 16QAM

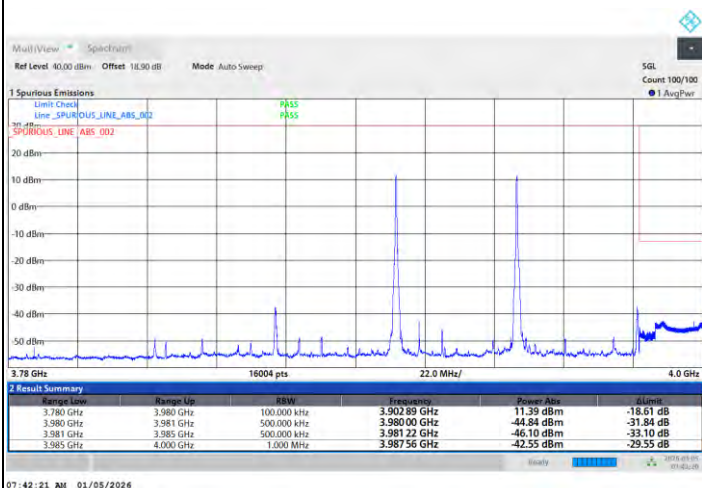
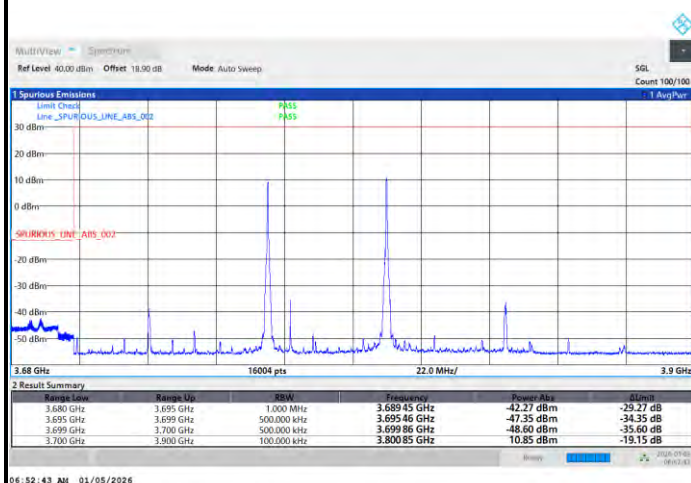
Lowest Band Edge / 1RB0+1RBMAX

Highest Band Edge / 1RB0+1RBMAX



Lowest Band Edge / 1RBMAX+1RB0

Highest Band Edge / 1RBMAX+1RB0

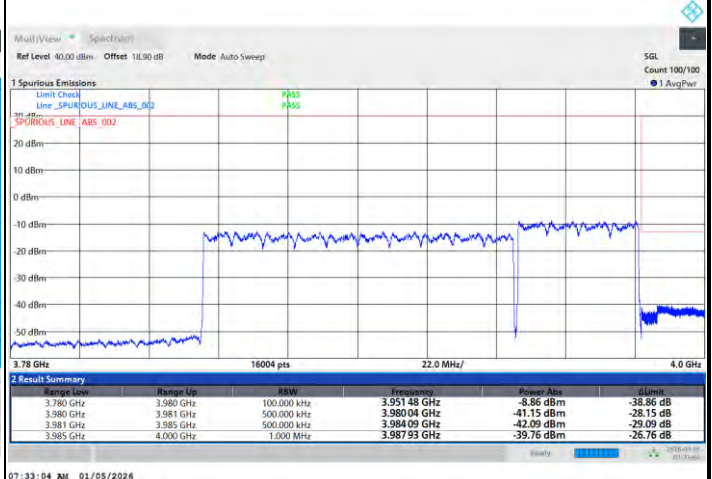
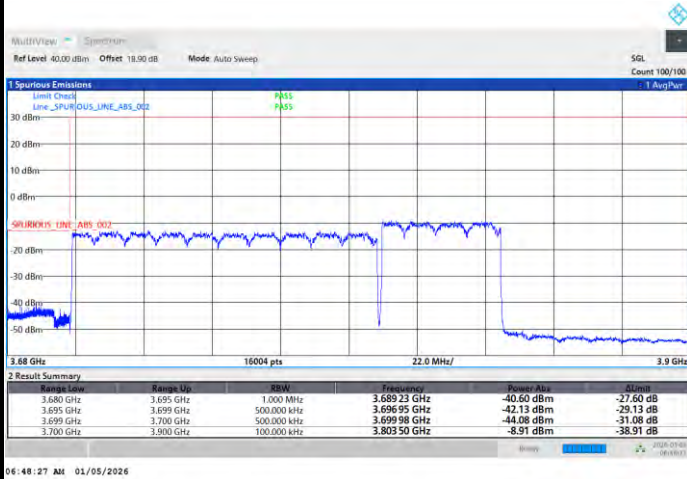




FR1 n77C / 100M40M / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

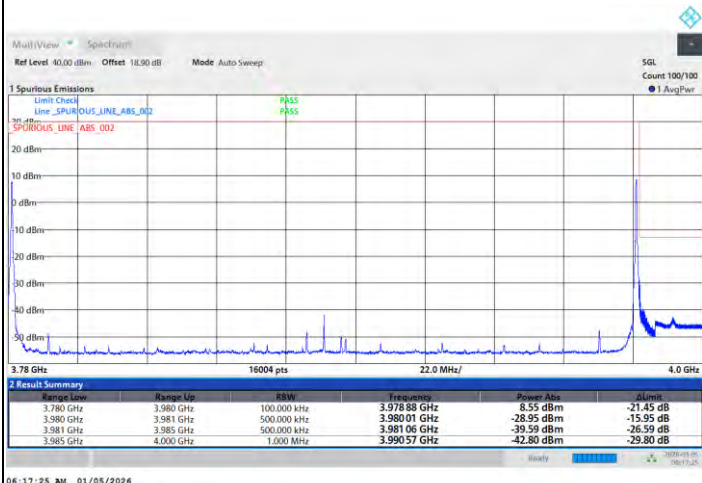
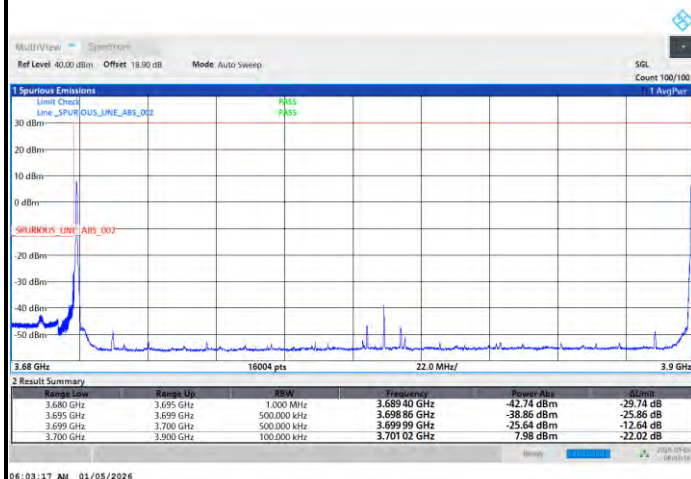




FR1 n77C / 100M100M / CP OFDM / QPSK

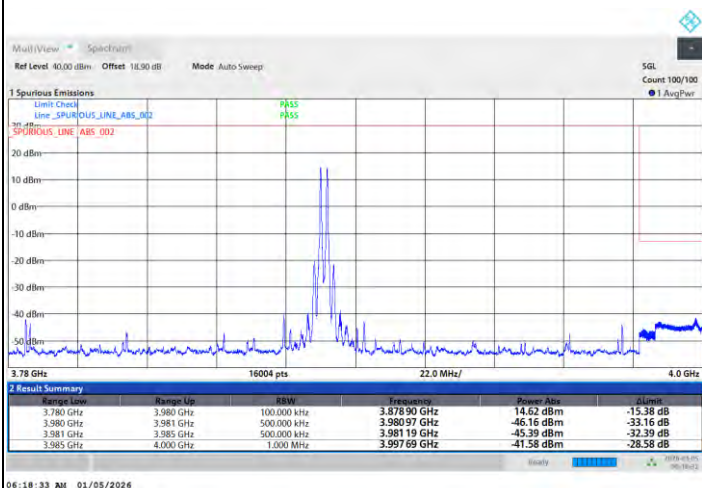
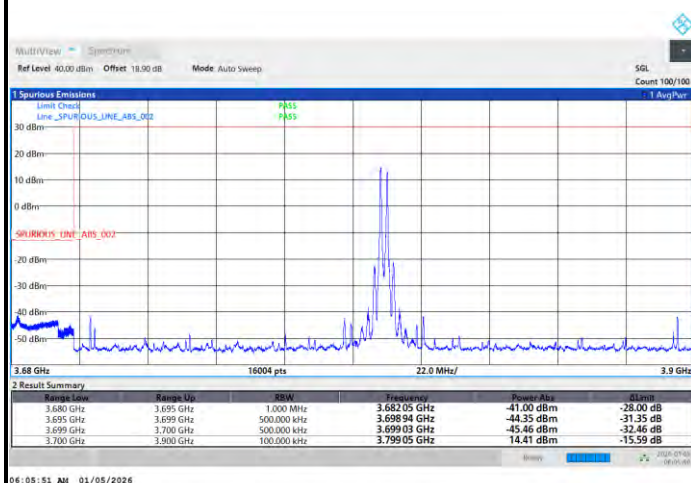
Lowest Band Edge / 1RB0+1RBMAX

Highest Band Edge / 1RB0+1RBMAX



Lowest Band Edge / 1RBMAX+1RB0

Highest Band Edge / 1RBMAX+1RB0

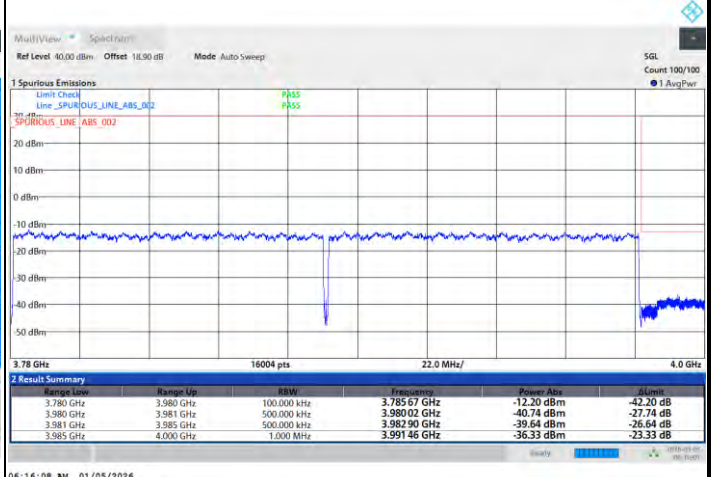
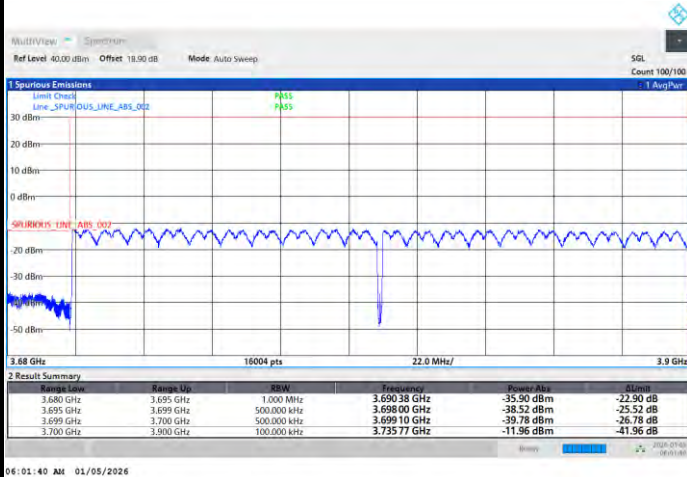




FR1 n77C / 100M100M / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

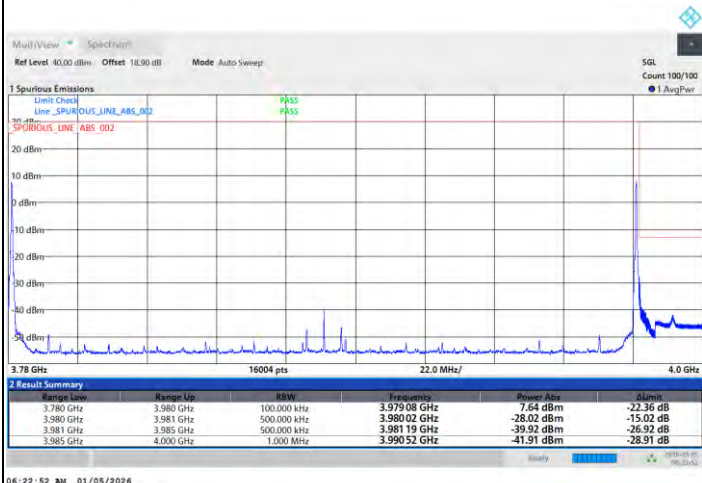
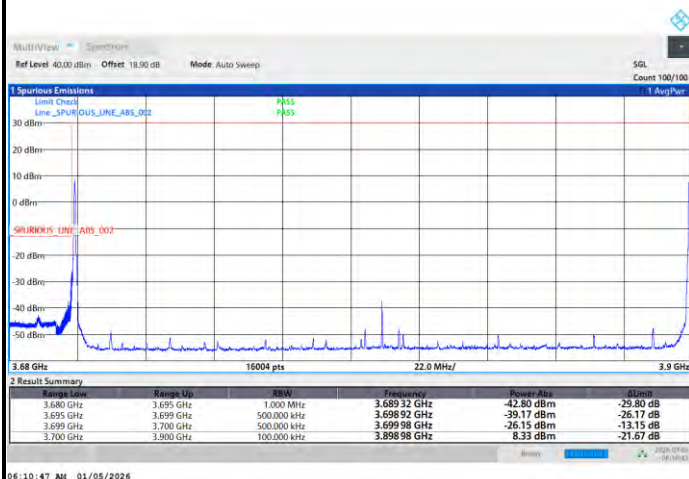




FR1 n77C / 100M100M / CP OFDM / 16QAM

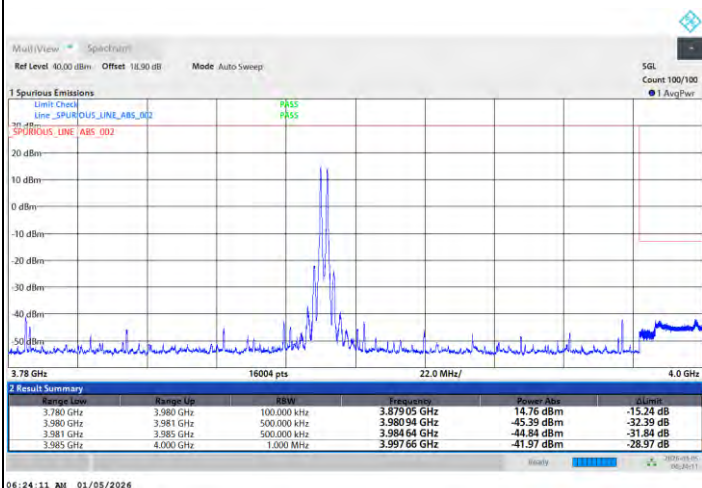
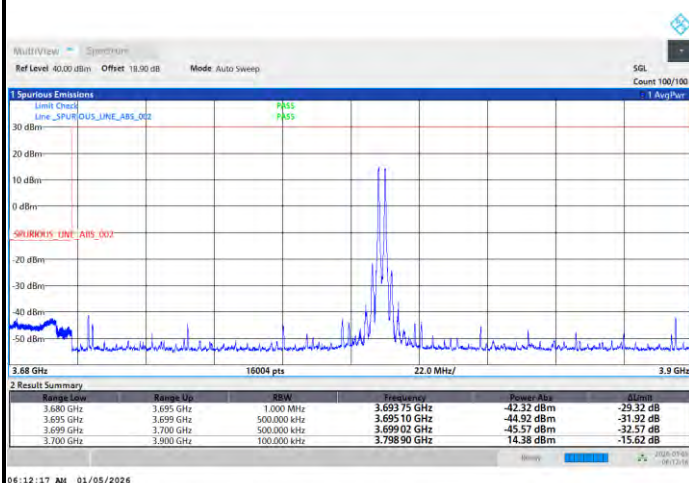
Lowest Band Edge / 1RB0+1RBMAX

Highest Band Edge / 1RB0+1RBMAX



Lowest Band Edge / 1RBMAX+1RB0

Highest Band Edge / 1RBMAX+1RB0

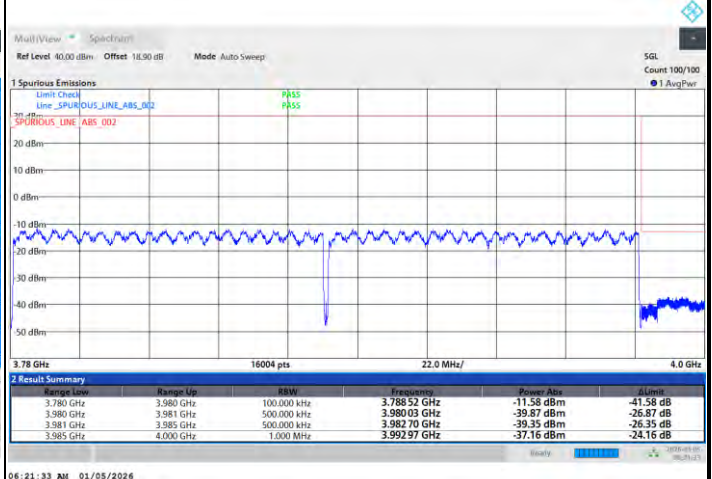
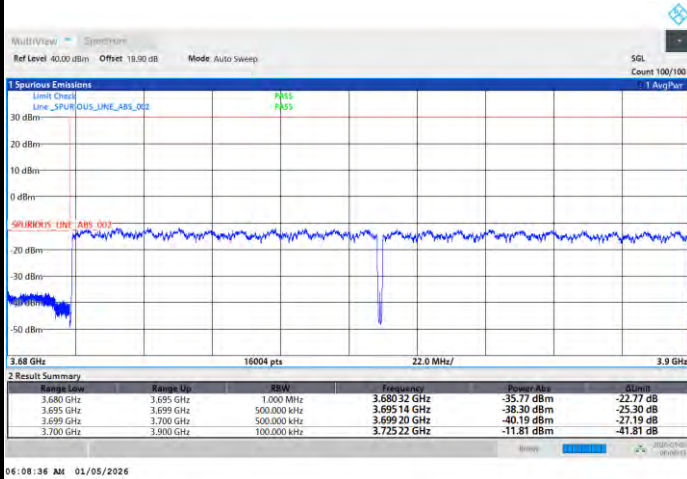




FR1 n77C / 100M100M / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

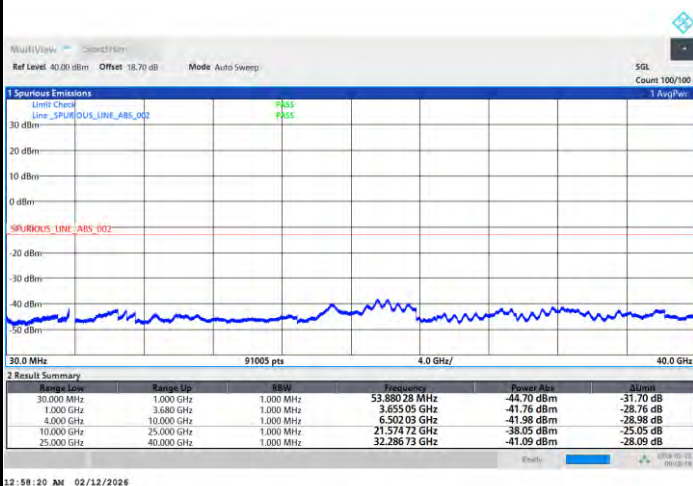




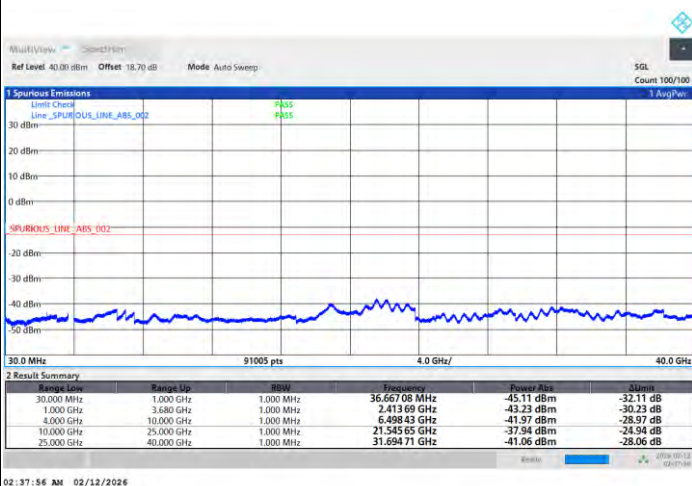
Conducted Spurious Emission

FR1 n77C / 15M90M / CP OFDM / QPSK / 1RBmax_1RB0

Lowest Channel



Middle Channel



Highest Channel



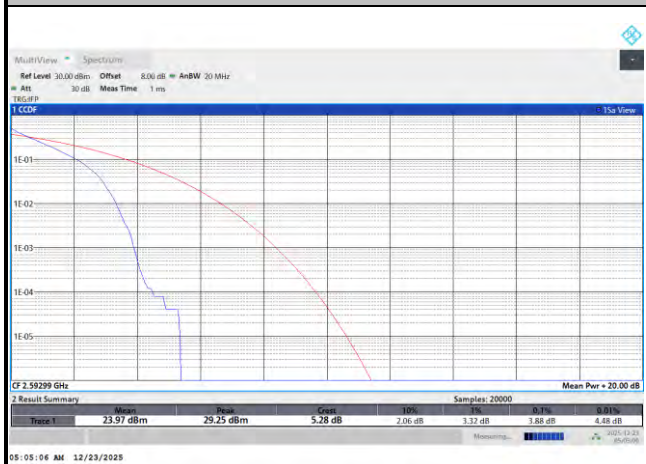
**FR1 n41****<TxD Mode>****MIMO <Ant. 2+1> (Ant. 2)****Peak-to-Average Ratio**

Mode	FR1 n41 / 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	3.88	4.98	5.88	6.02	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	7.06				PASS

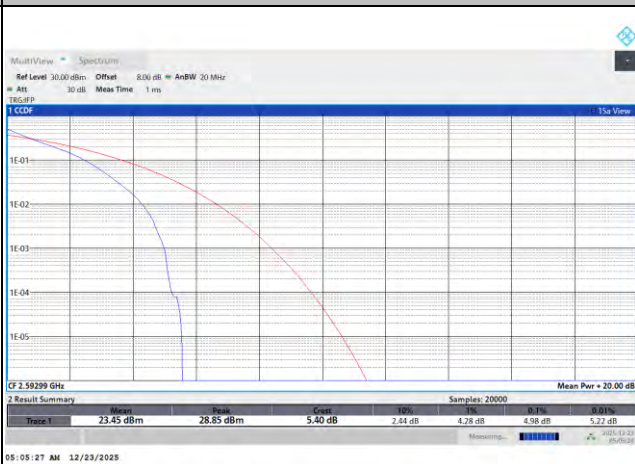


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

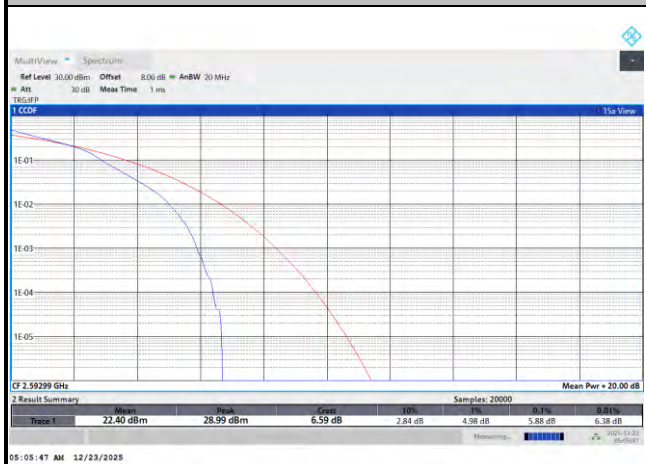
PI/2 BPSK



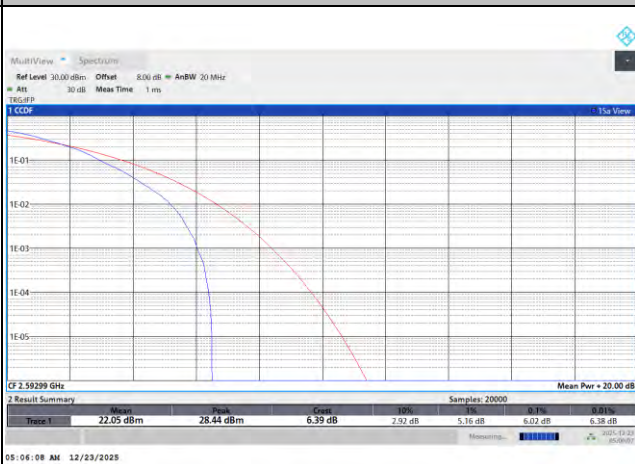
QPSK



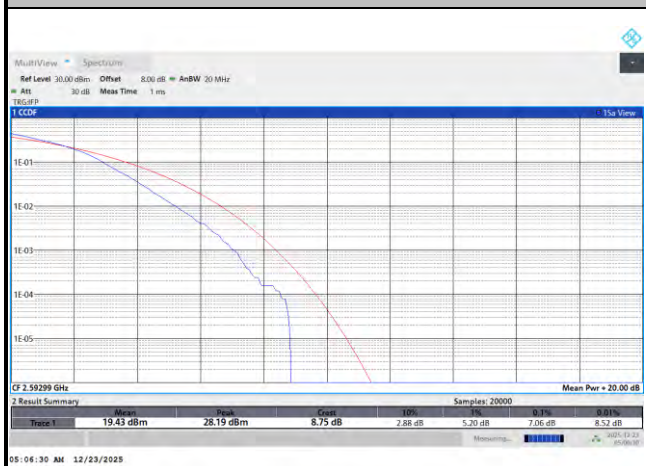
16QAM



64QAM



256QAM





Mode	FR1 n41 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.14	5.88	PASS
Mode	FR1 n41 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.86	5.88	PASS
Mode	FR1 n41 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.82	5.62	PASS
Mode	FR1 n41 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.86	5.74	PASS
Mode	FR1 n41 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.08	5.82	PASS
Mode	FR1 n41 / 50MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.72	5.70	PASS



Mode	FR1 n41 / 60MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.00	5.72	PASS
Mode	FR1 n41 / 70MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.04	5.80	PASS
Mode	FR1 n41 / 80MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.12	5.98	PASS
Mode	FR1 n41 / 90MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.18	5.88	PASS
Mode	FR1 n41 / 100MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.84	5.60	PASS



FR1 n41 / 10MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 15MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

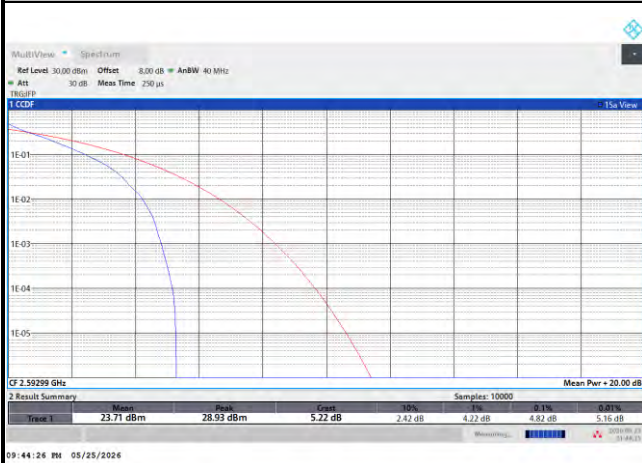


16QAM



FR1 n41 / 25MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM





FR1 n41 / 30MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

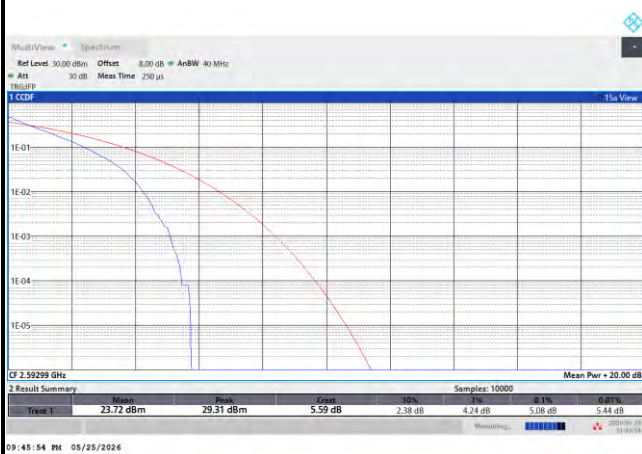


16QAM

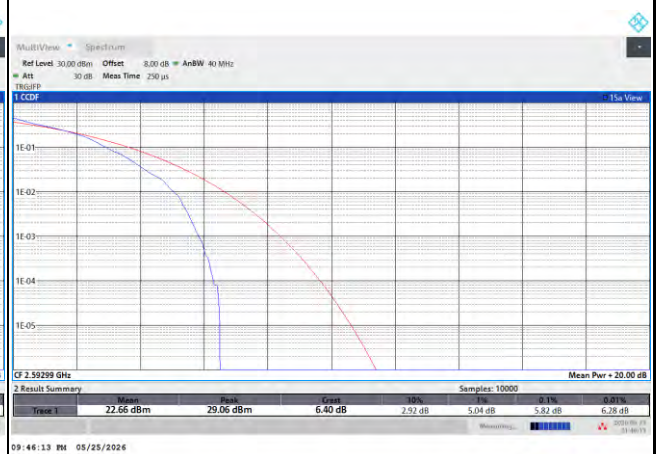


FR1 n41 / 40MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

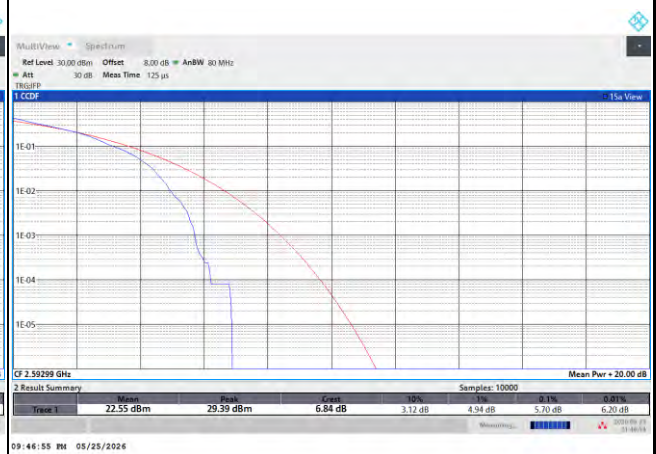


FR1 n41 / 50MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



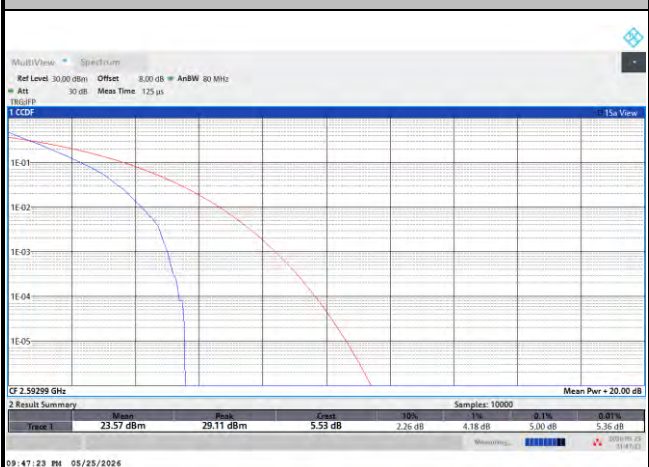
16QAM



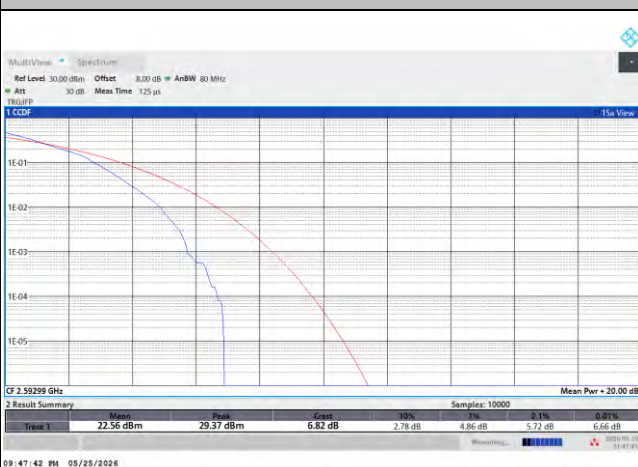


FR1 n41 / 60MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

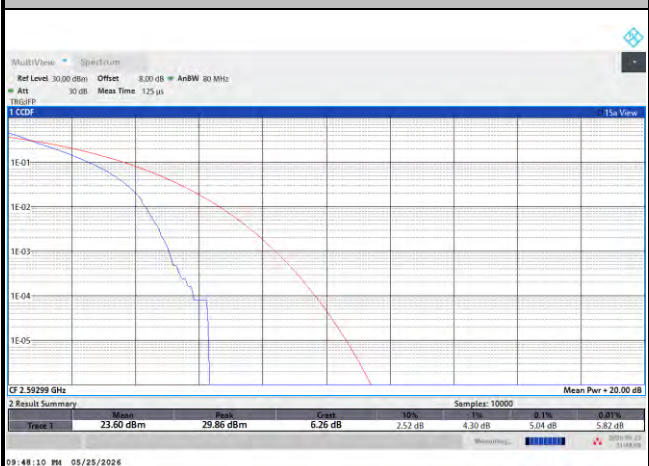


16QAM

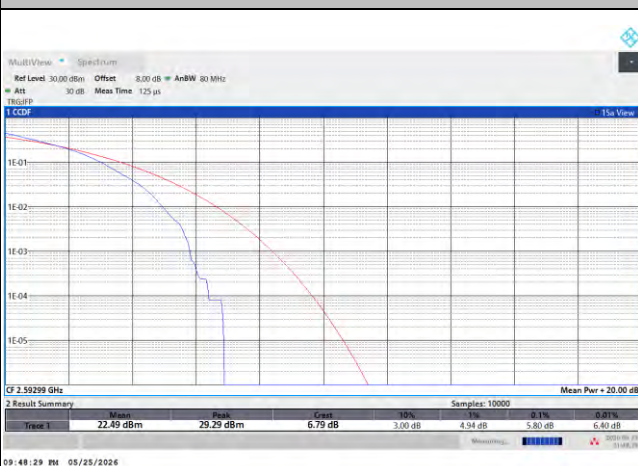


FR1 n41 / 70MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 80MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



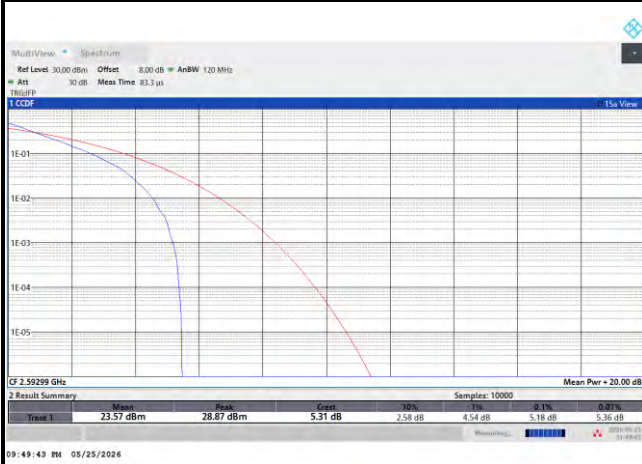
16QAM





FR1 n41 / 90MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM



FR1 n41 / 100MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

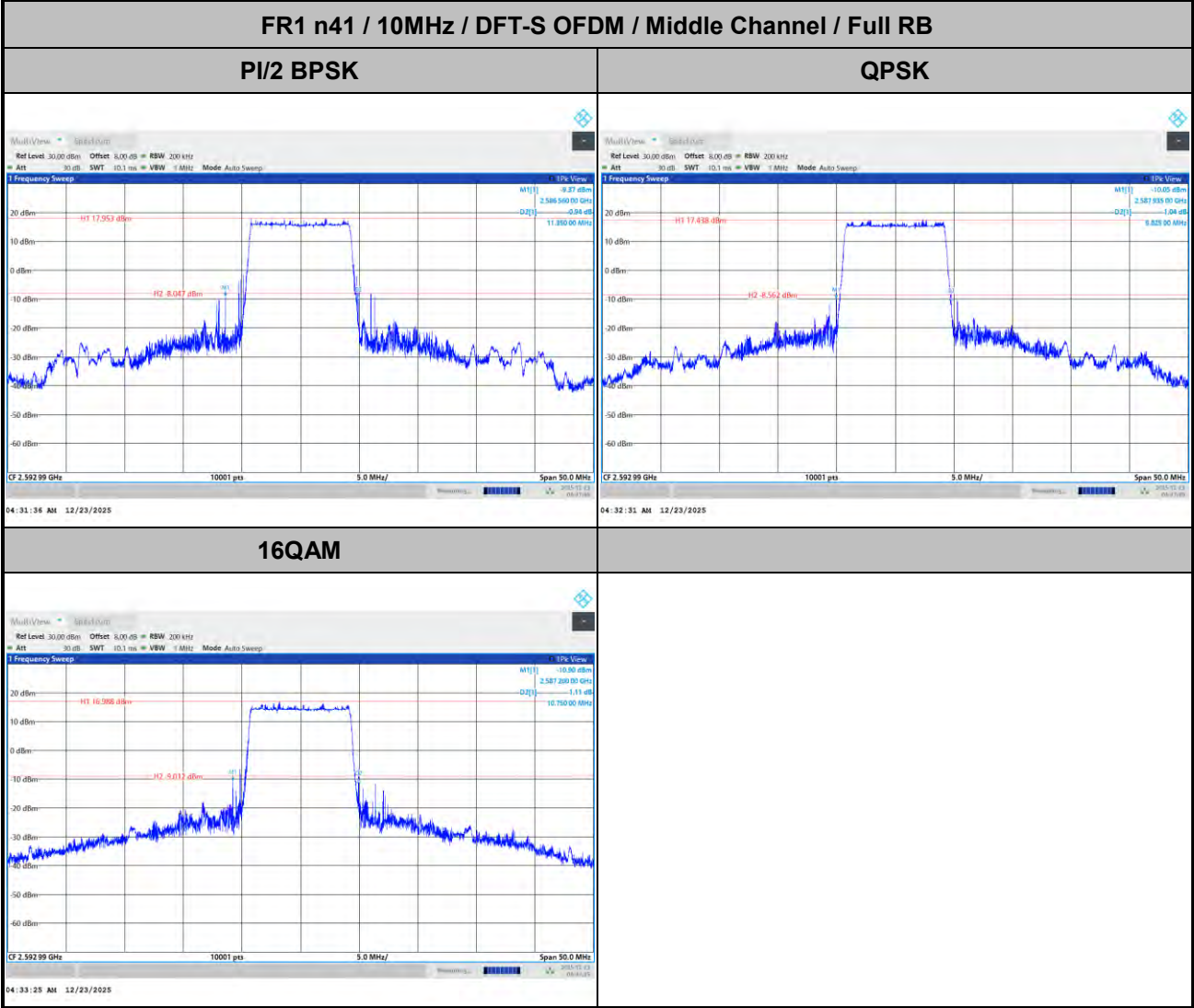


16QAM



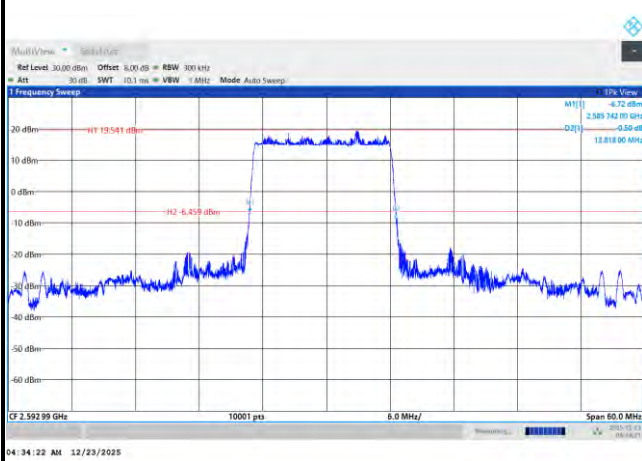
**26dB Bandwidth**

Mode	FR1 n41 : 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	11.35	9.82	13.81	13.86	18.97	19.27	24.33	24.51
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	10.75		13.92		19.86		25.24	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.20	29.35	38.22	38.37	48.20	48.39	62.40	62.85
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.39		38.50		48.33		62.83	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	69.03	69.29	82.08	82.38	91.91	92.02	101.56	101.61
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	69.41		82.34		92.27		101.66	

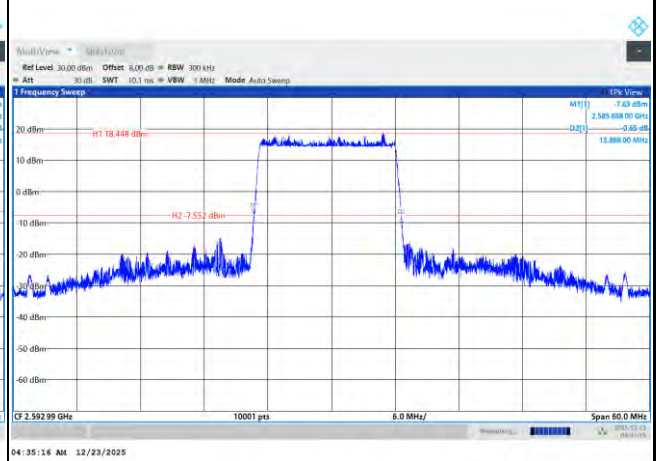




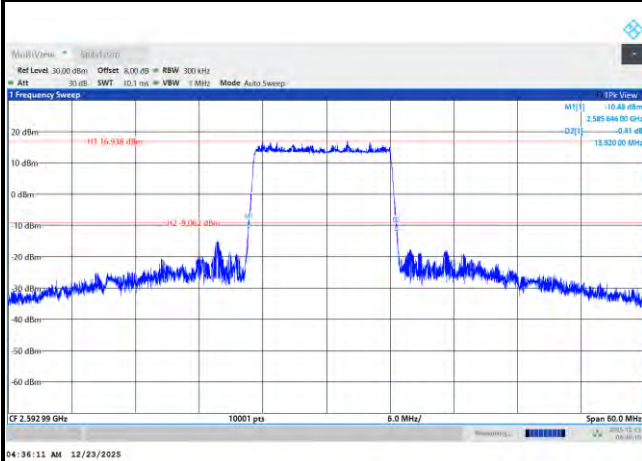
FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



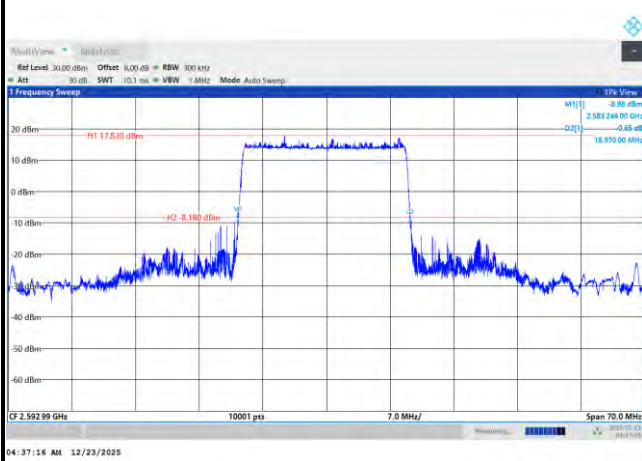
16QAM



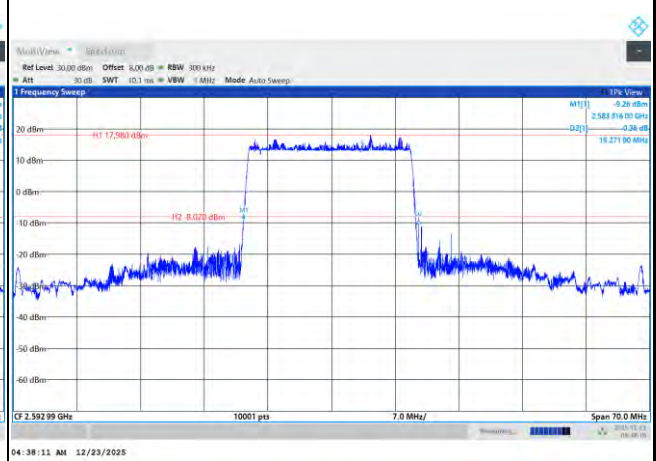


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

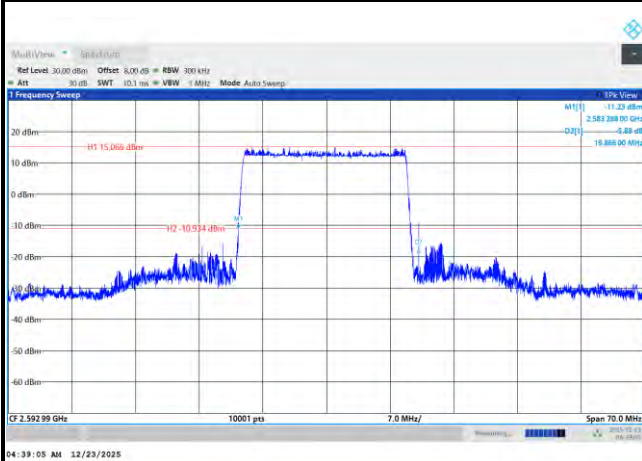
PI/2 BPSK



QPSK



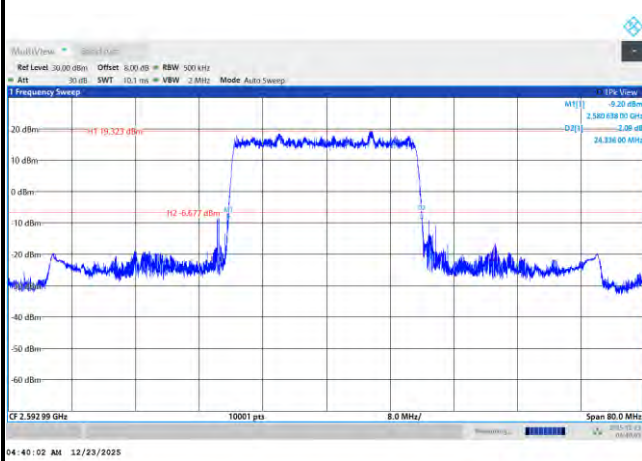
16QAM



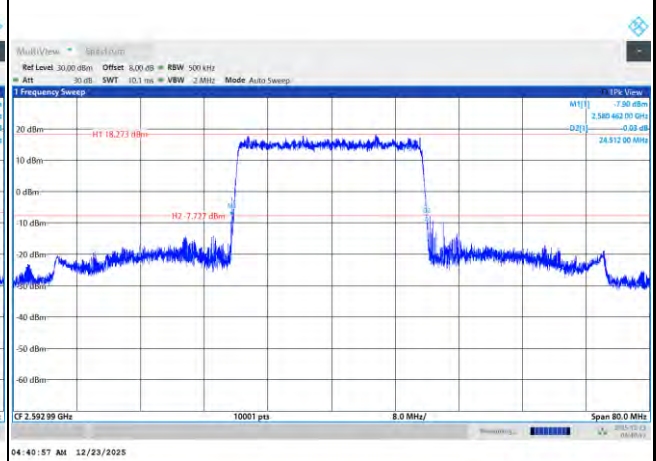


FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

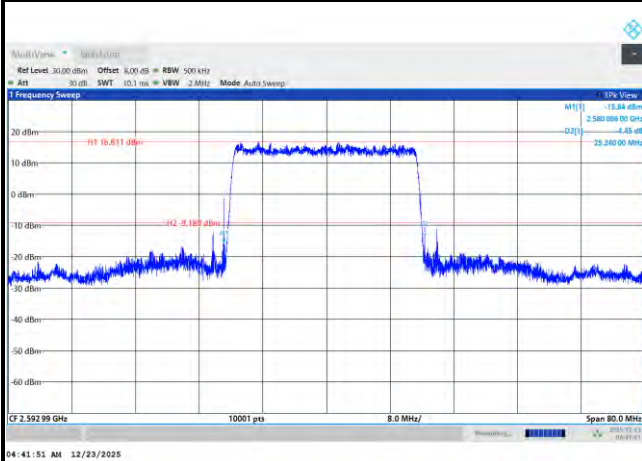
PI/2 BPSK



QPSK



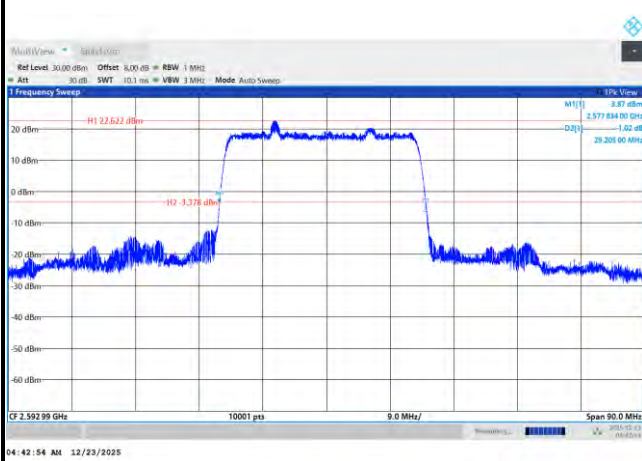
16QAM



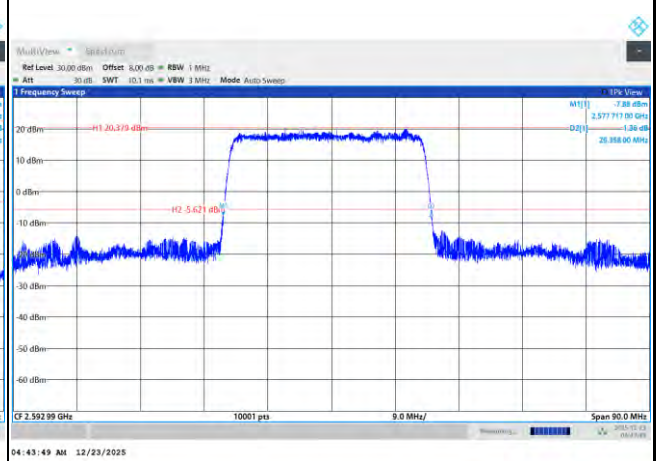


FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

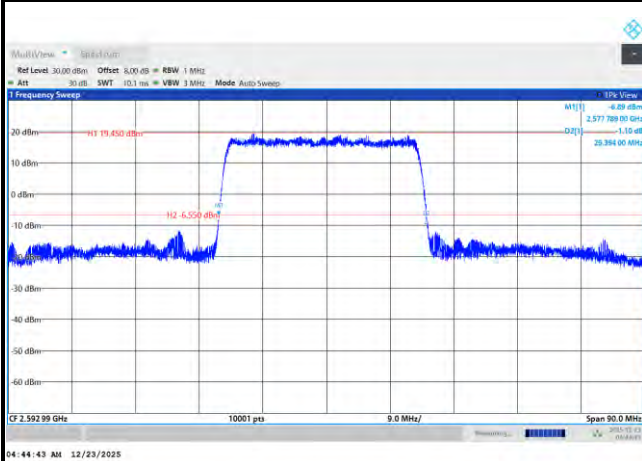
PI/2 BPSK

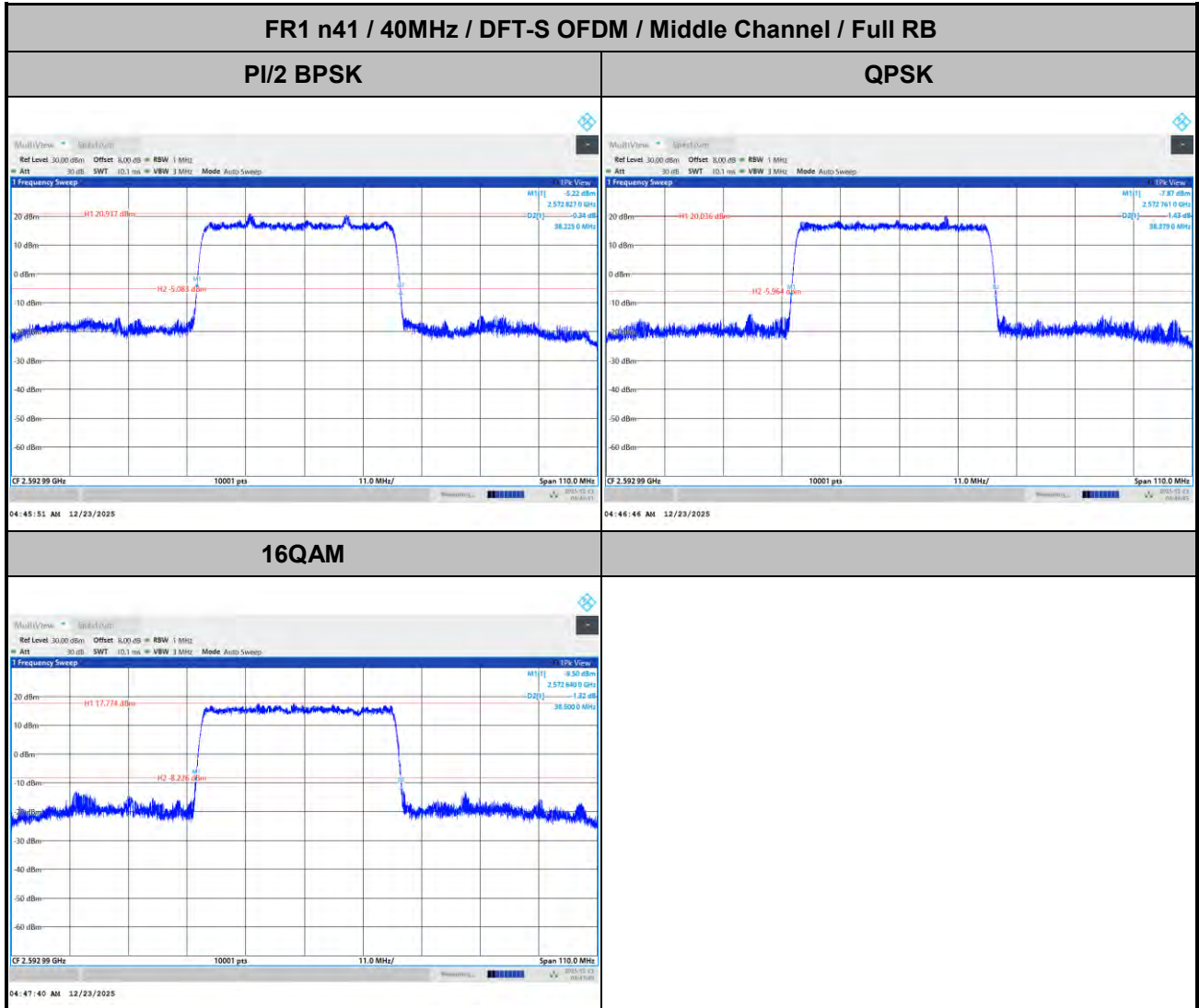


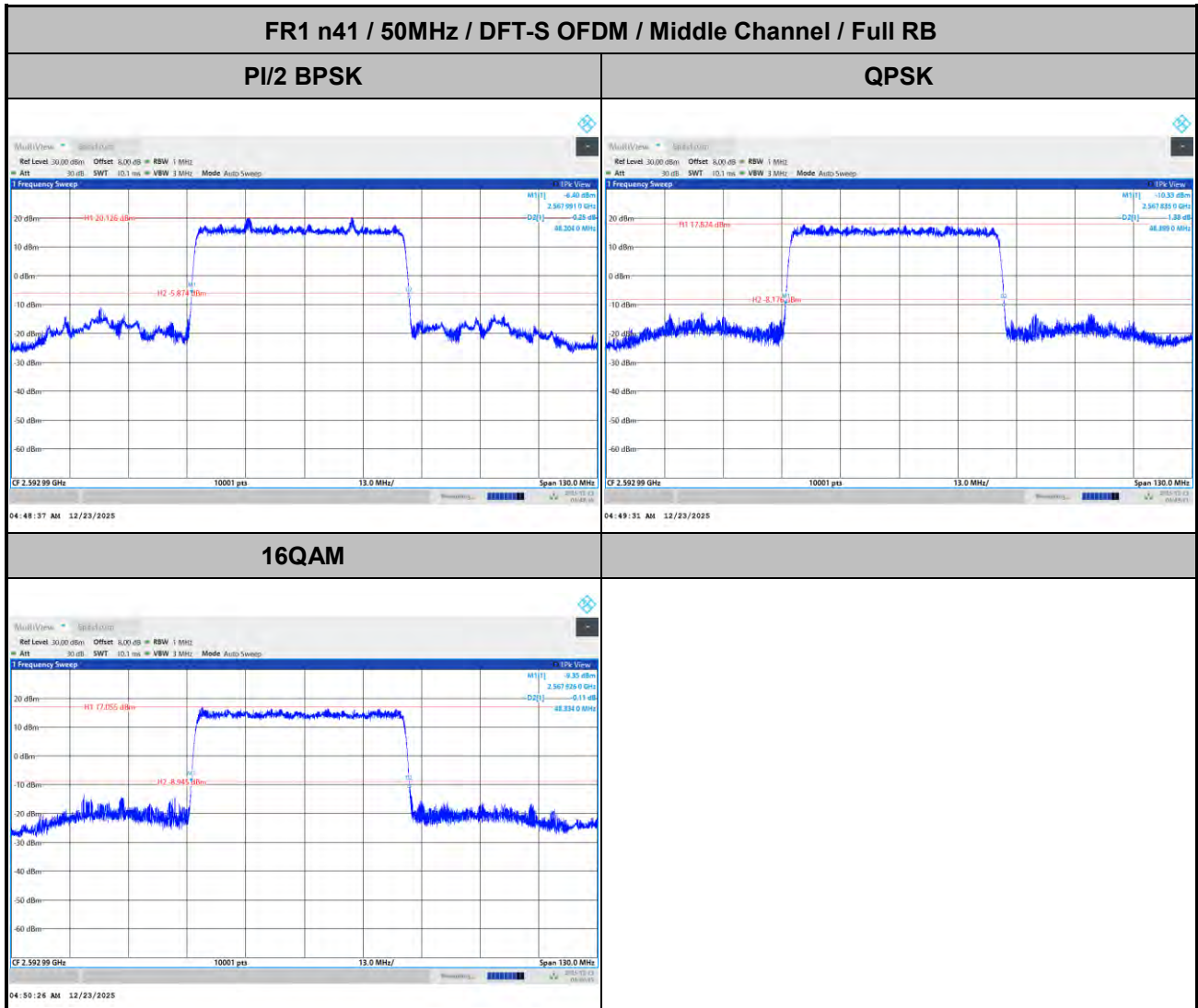
QPSK



16QAM



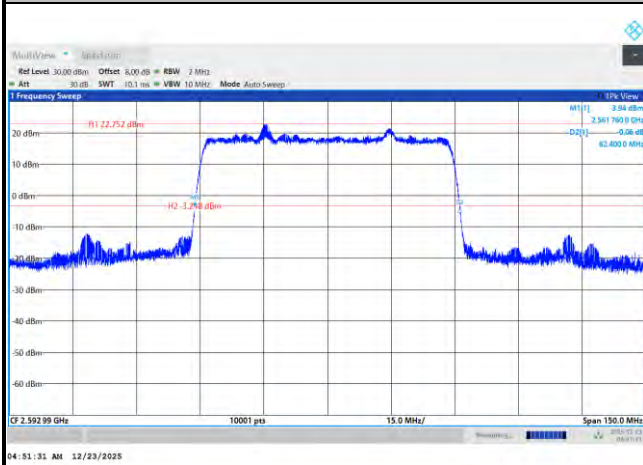






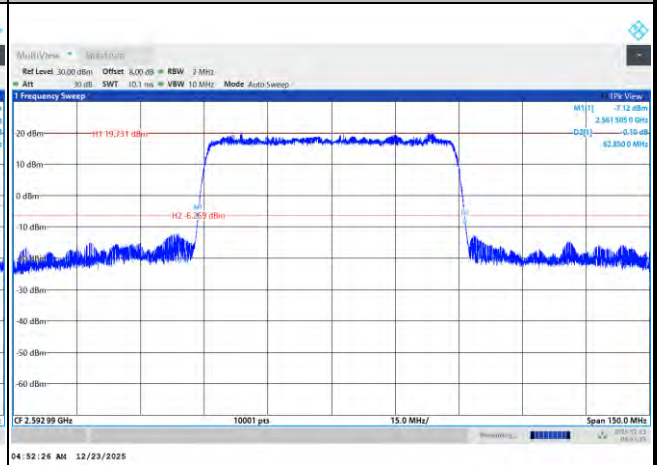
FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



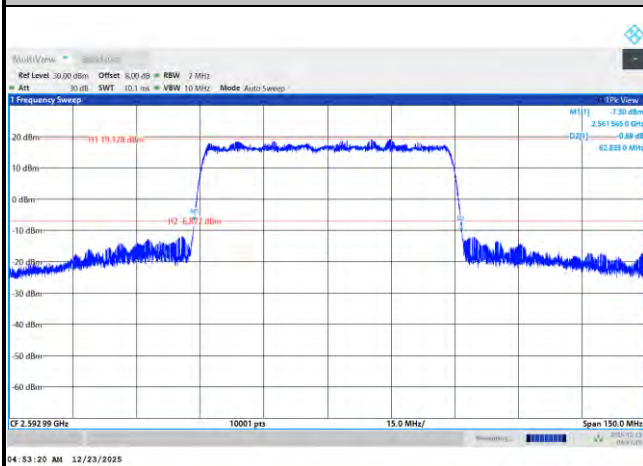
04:51:31 AM 12/23/2025

QPSK



04:52:26 AM 12/23/2025

16QAM

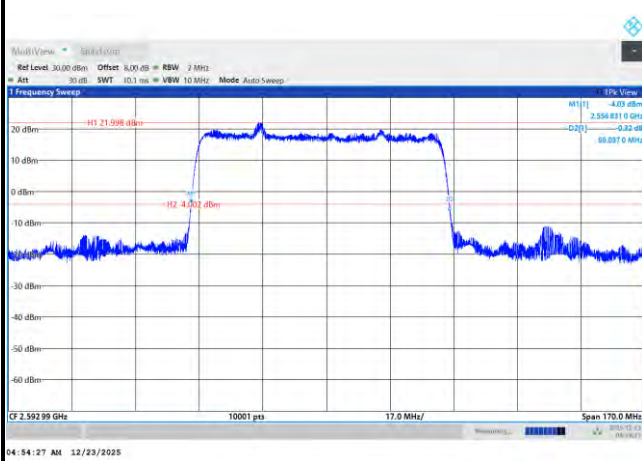


04:53:20 AM 12/23/2025

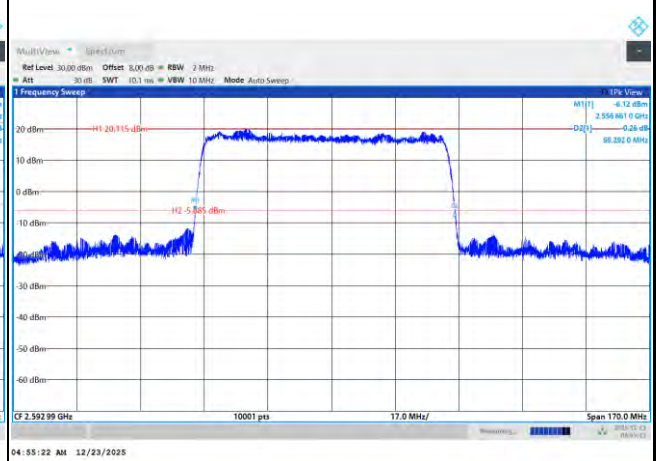


FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

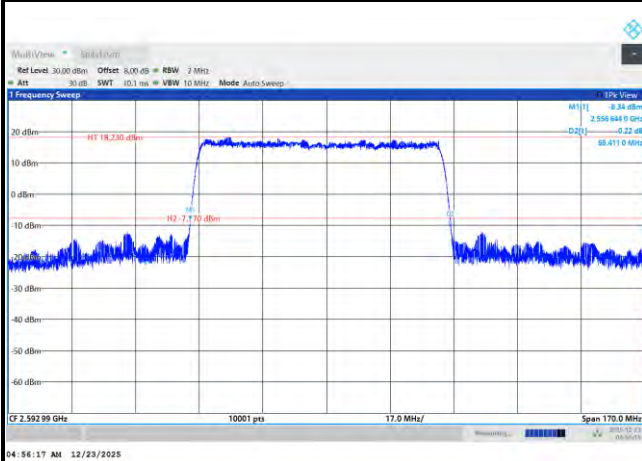
PI/2 BPSK



QPSK



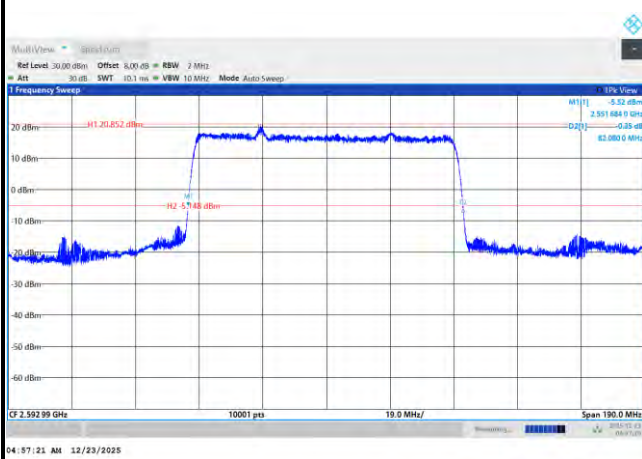
16QAM



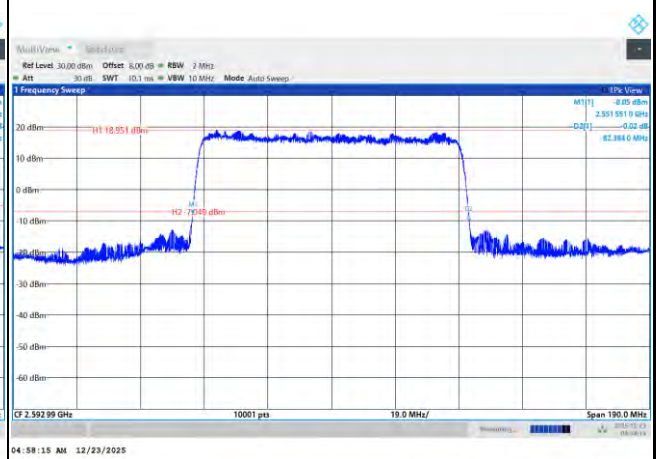


FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

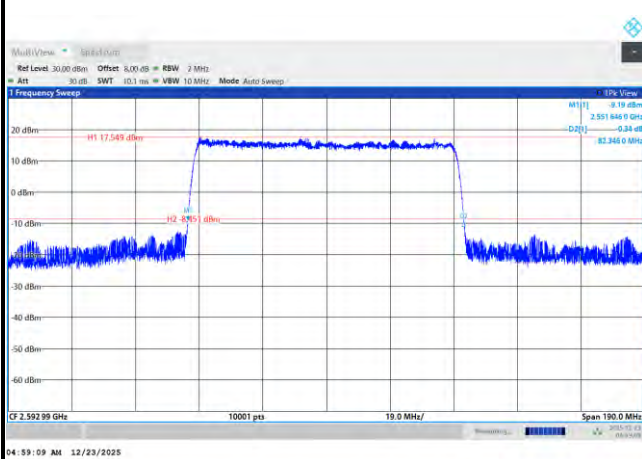
PI/2 BPSK



QPSK



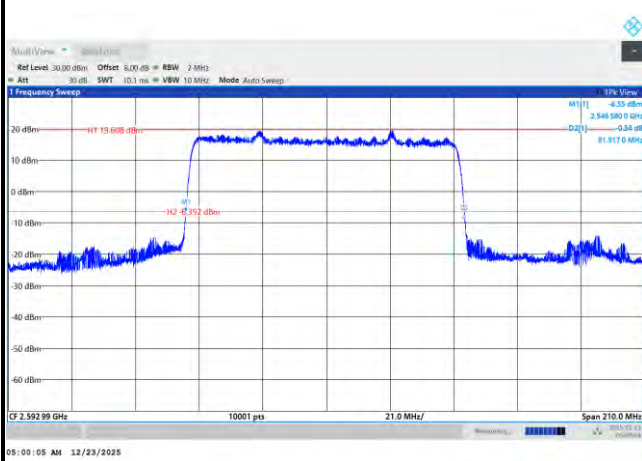
16QAM



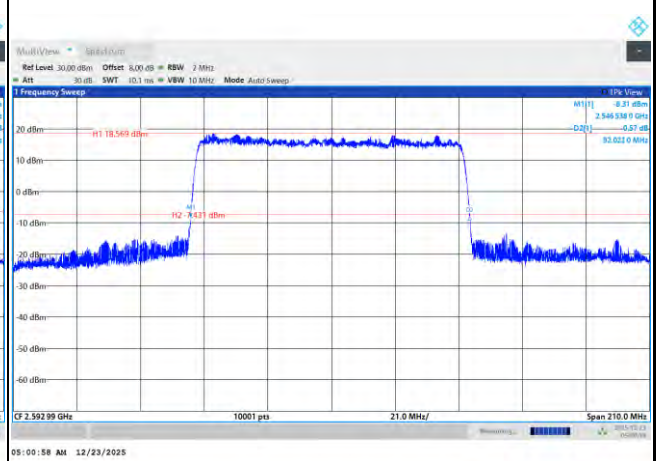


FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

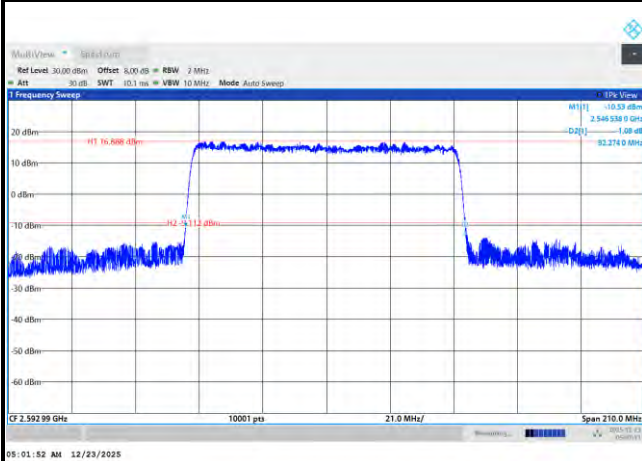
PI/2 BPSK

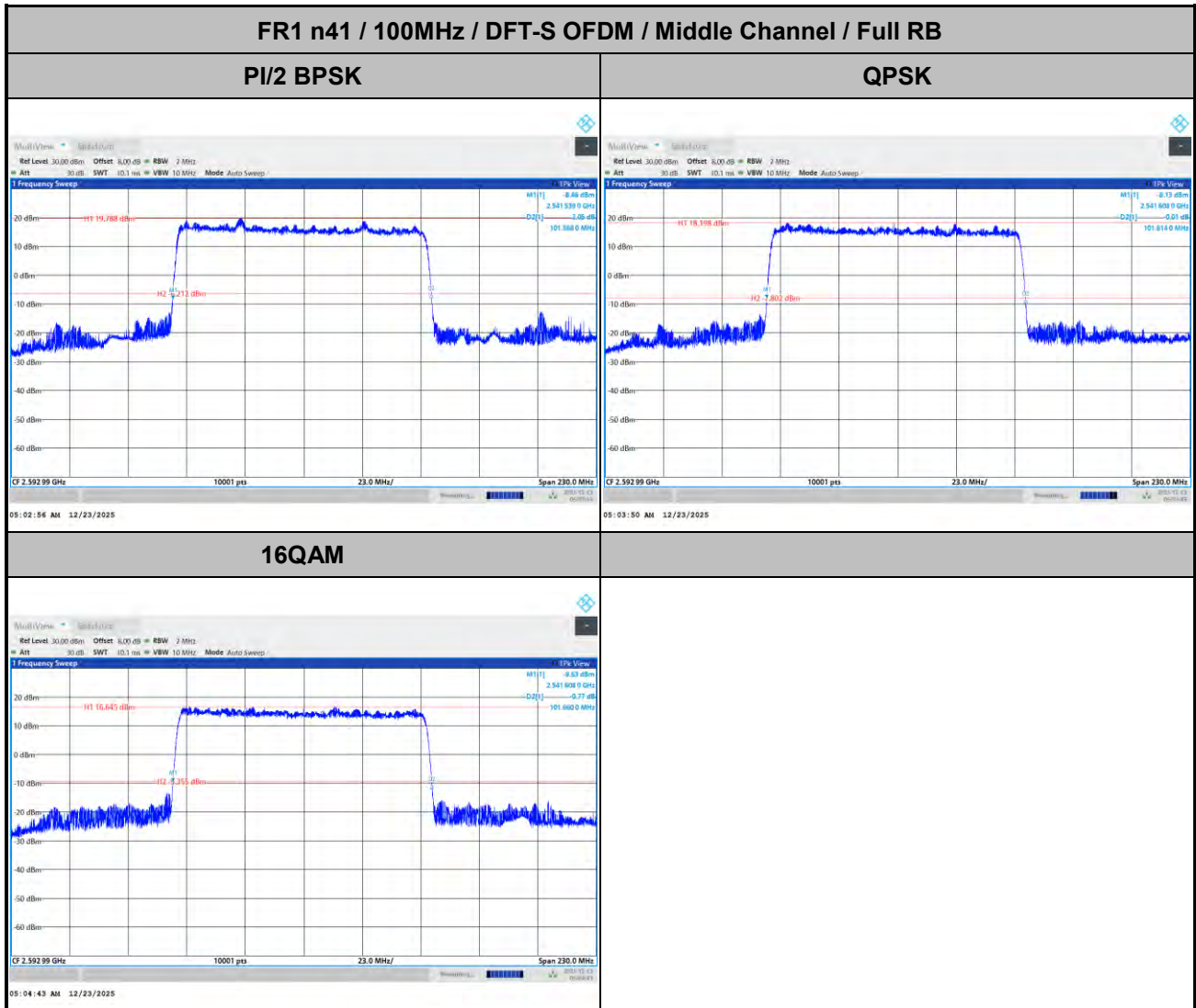


QPSK



16QAM





**Occupied Bandwidth**

Mode	FR1 n41 : 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	8.62	8.61	12.92	12.94	17.91	17.89	22.93	23.03
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.63		12.96		17.96		22.97	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.10	27.18	35.90	35.93	45.78	45.87	58.36	58.37
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.17		36.02		45.89		58.57	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	64.94	65.00	77.57	77.55	87.20	87.21	96.91	96.77
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	64.96		77.73		87.25		96.64	



FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:31:09 AM 12/23/2025

QPSK



04:32:04 AM 12/23/2025

16QAM



04:32:59 AM 12/23/2025



FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:33:55 AM 12/23/2025

QPSK



04:34:50 AM 12/23/2025

16QAM



04:35:44 AM 12/23/2025



FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:36:49 AM 12/23/2025

QPSK



04:37:44 AM 12/23/2025

16QAM

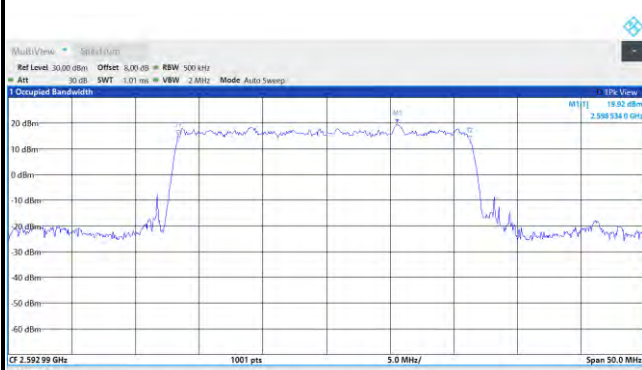


04:38:38 AM 12/23/2025



FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

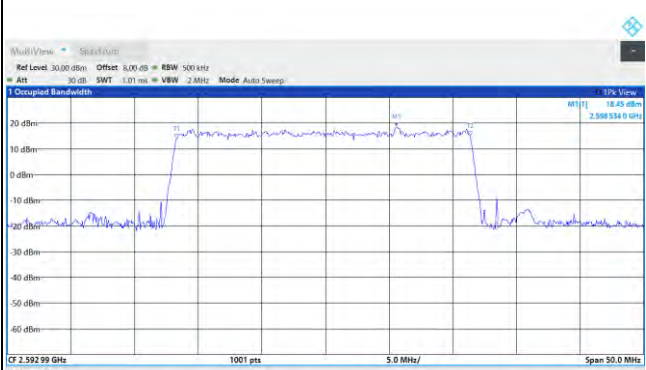
PI/2 BPSK



Type	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.598534 GHz	19.92	dBm	Occ Bw	22.930357317 MHz
T1	1	2.581330 GHz	15.31	dBm	Occ Bw Centroid	2.592795477 GHz
T2	1	2.604360 GHz	13.27	dBm	Occ Bw Freq Offset	194.53234703 kHz

04:39:35 AM 12/23/2025

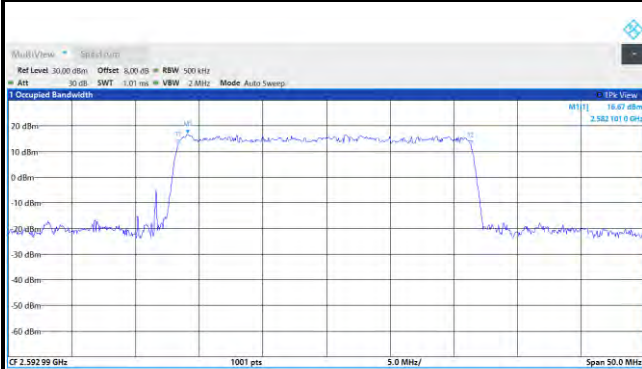
QPSK



Type	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.598534 GHz	18.45	dBm	Occ Bw	23.037202828 MHz
T1	1	2.581305 GHz	13.74	dBm	Occ Bw Centroid	2.592824127 GHz
T2	1	2.604362 GHz	15.03	dBm	Occ Bw Freq Offset	165.873313593 kHz

04:40:30 AM 12/23/2025

16QAM



Type	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.582101 GHz	16.67	dBm	Occ Bw	22.971186851 MHz
T1	1	2.581335 GHz	12.55	dBm	Occ Bw Centroid	2.592820784 GHz
T2	1	2.604306 GHz	12.40	dBm	Occ Bw Freq Offset	-169.21577581 kHz

04:41:25 AM 12/23/2025



FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:42:27 AM 12/23/2025

QPSK



04:43:22 AM 12/23/2025

16QAM

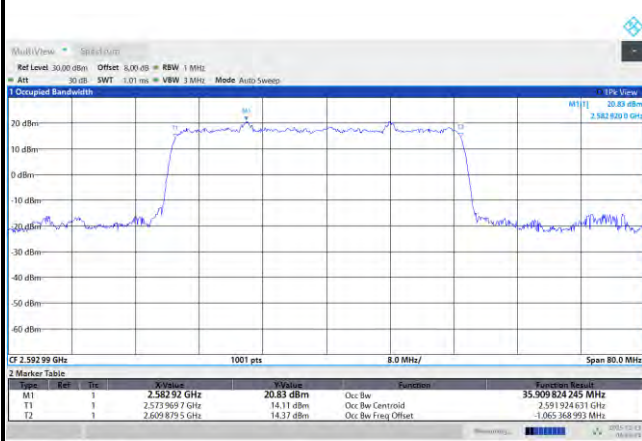


04:44:16 AM 12/23/2025



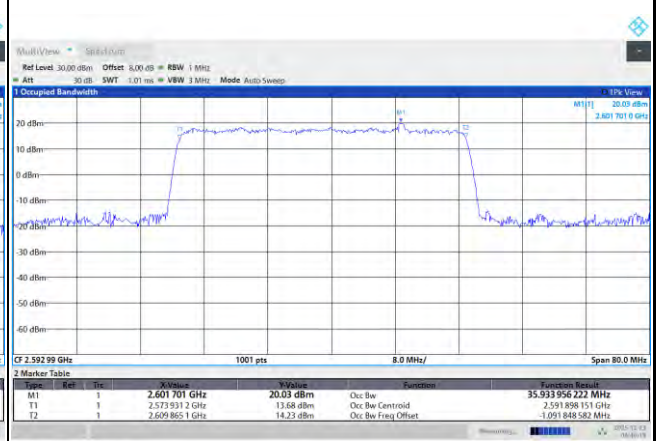
FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:45:24 AM 12/23/2025

QPSK



04:46:19 AM 12/23/2025

16QAM



04:47:13 AM 12/23/2025



FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:48:10 AM 12/23/2025

QPSK



04:49:04 AM 12/23/2025

16QAM

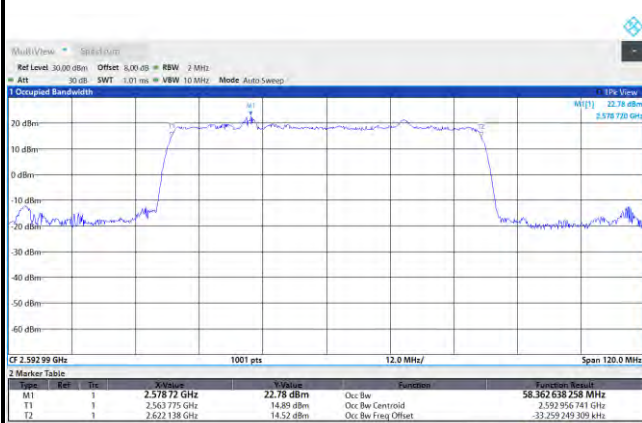


04:49:59 AM 12/23/2025



FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:51:04 AM 12/23/2025

QPSK



04:51:59 AM 12/23/2025

16QAM



04:52:54 AM 12/23/2025



FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



04:54:00 AM 12/23/2025

QPSK



04:54:55 AM 12/23/2025

16QAM



04:55:50 AM 12/23/2025



FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM





FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



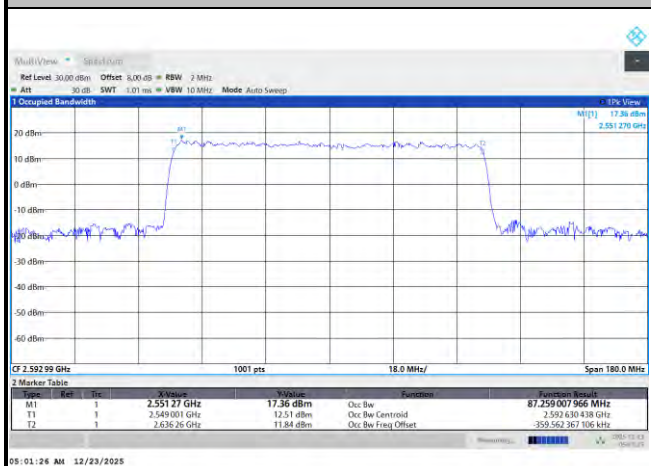
04:59:38 AM 12/23/2025

QPSK



05:00:32 AM 12/23/2025

16QAM



05:01:24 AM 12/23/2025



FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



09:02:29 AM 12/23/2025

QPSK



09:03:23 AM 12/23/2025

16QAM



09:04:17 AM 12/23/2025

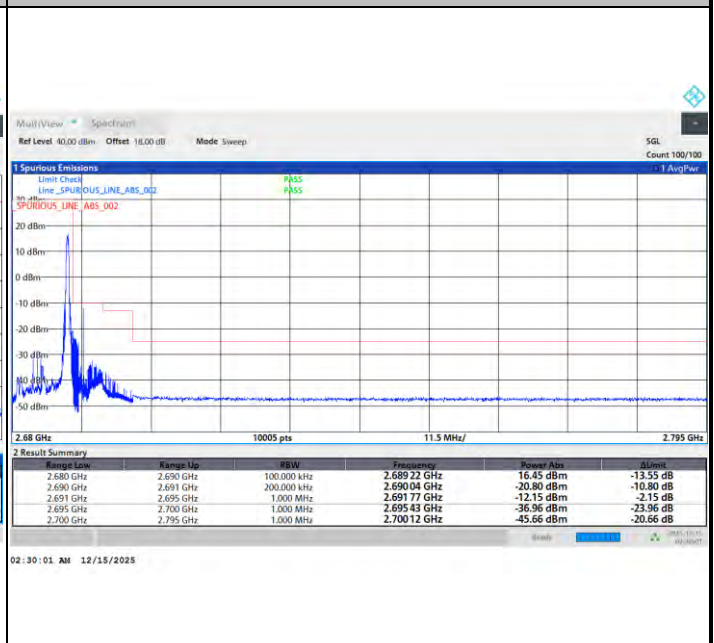
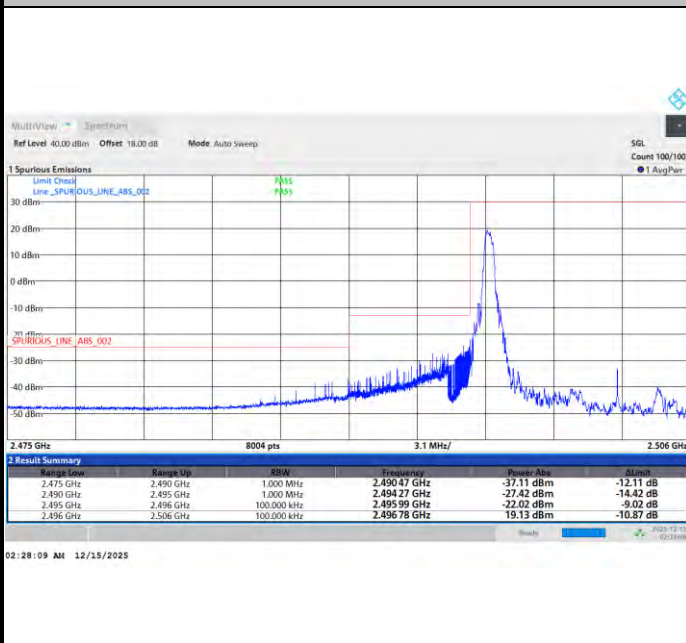


Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

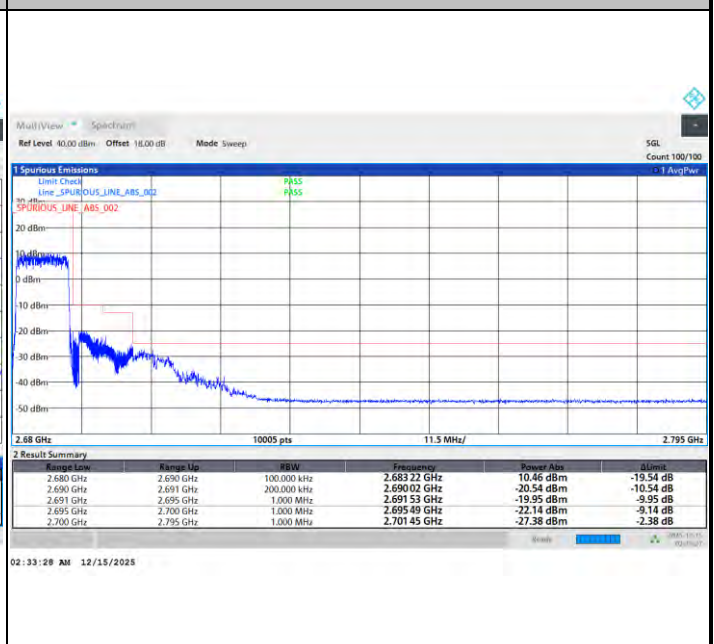
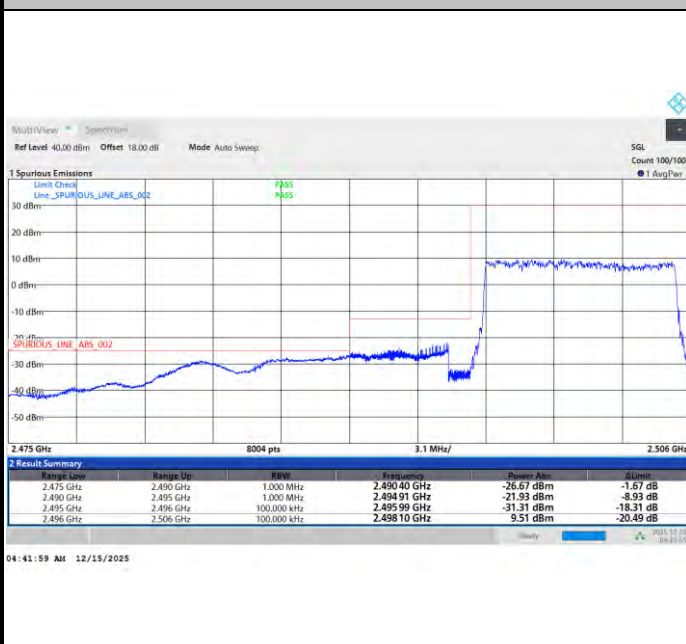
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

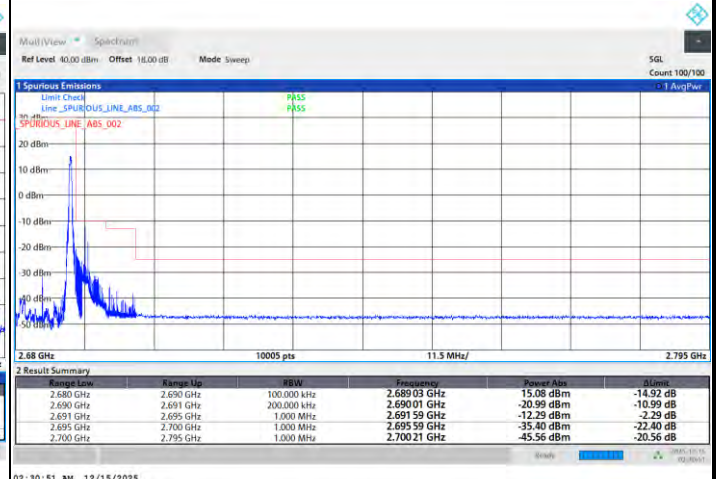
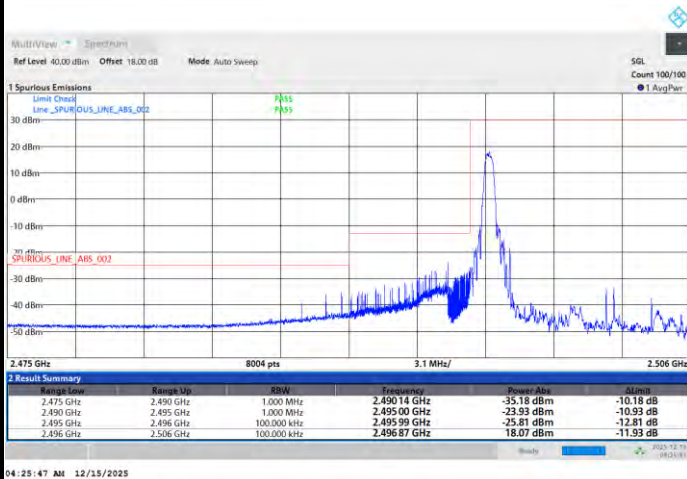




FR1 n41 / 10MHz / DFT-S OFDM / QPSK

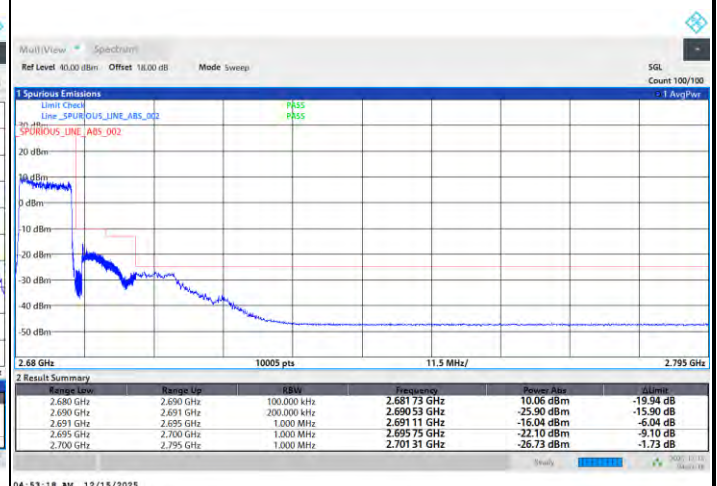
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n41 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

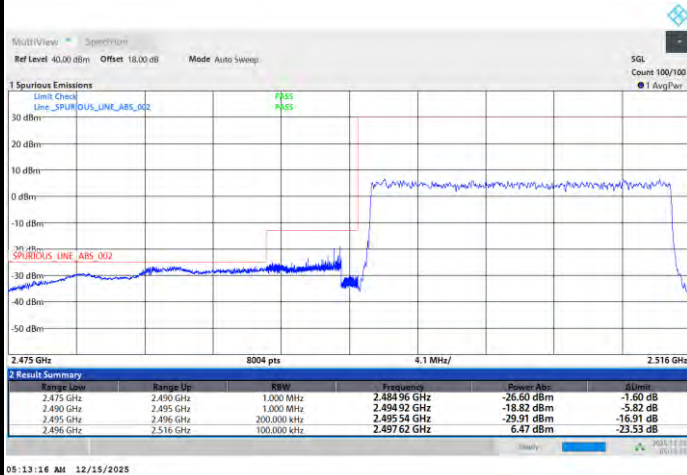




FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

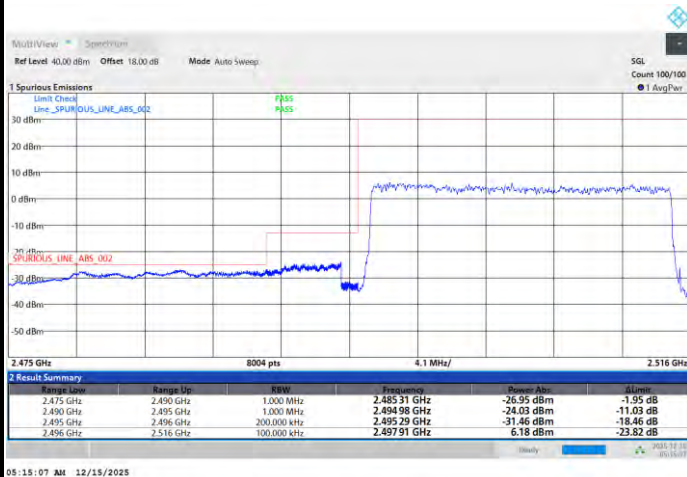
Highest Band Edge / Full RB



FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n41 / 25MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n41 / 25MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

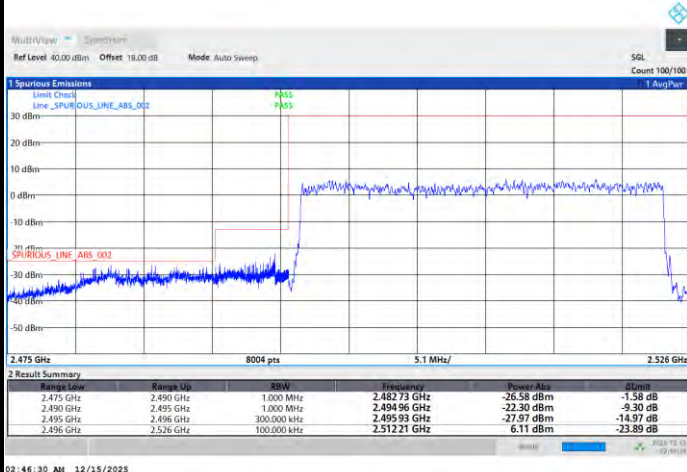




FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

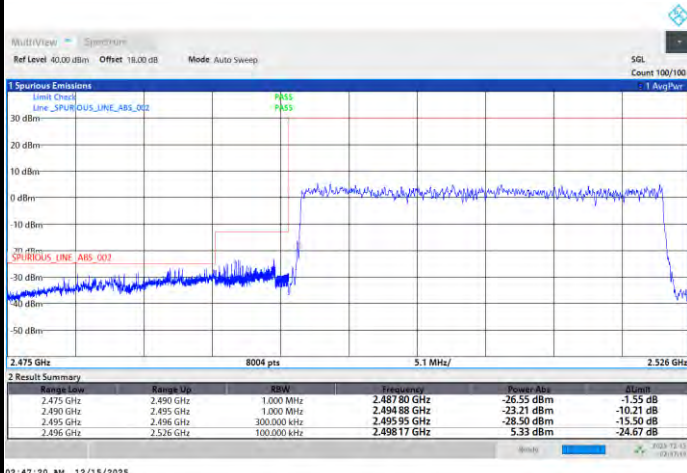
Highest Band Edge / Full RB



FR1 n41 / 30MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

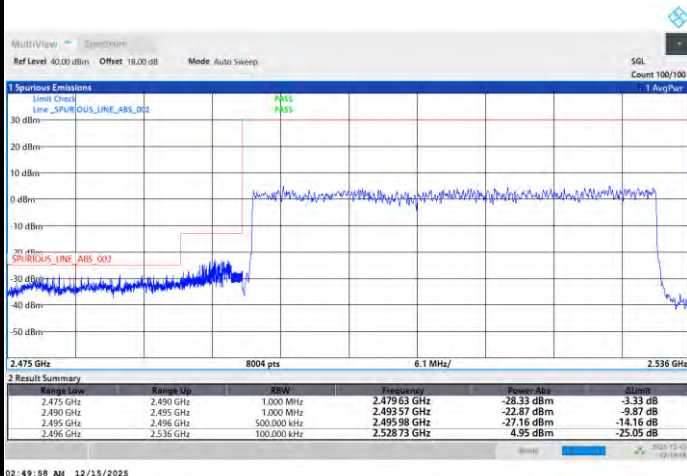




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

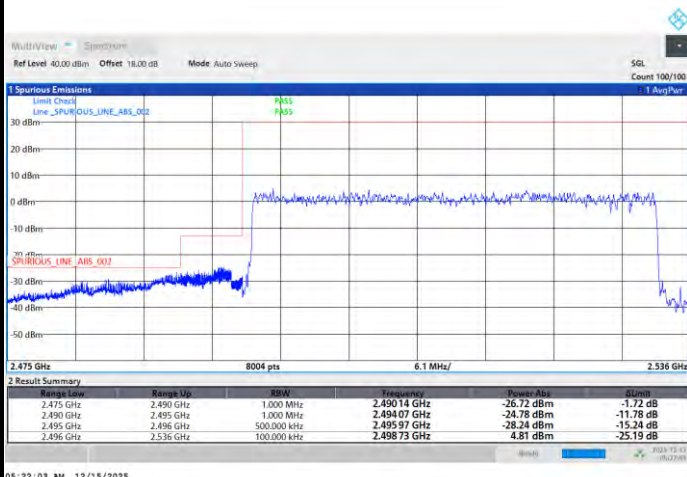
Highest Band Edge / Full RB



FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

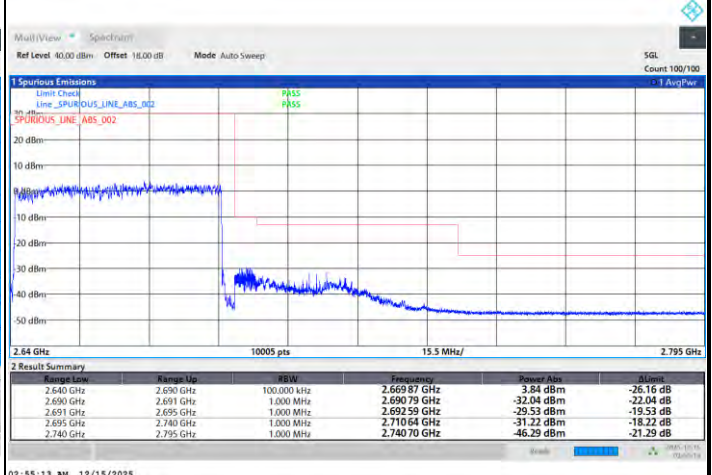
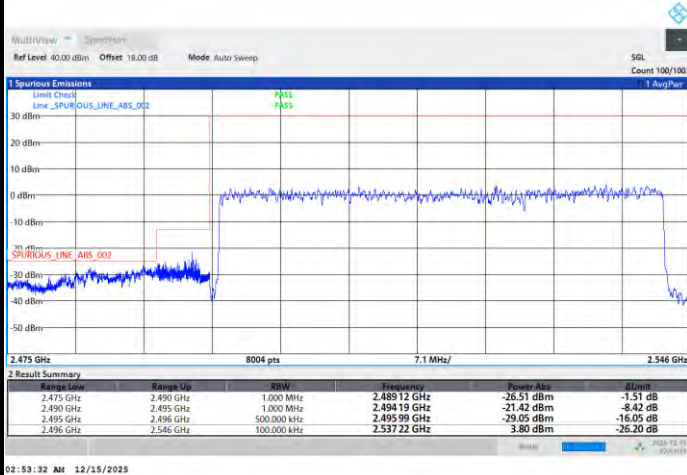




FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

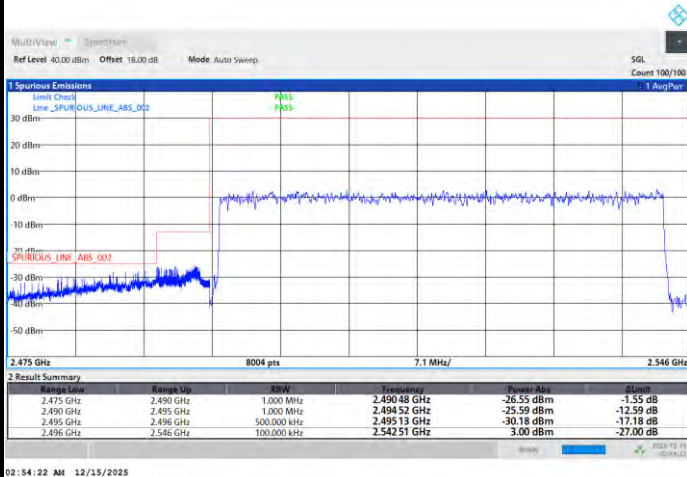
Highest Band Edge / Full RB



FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

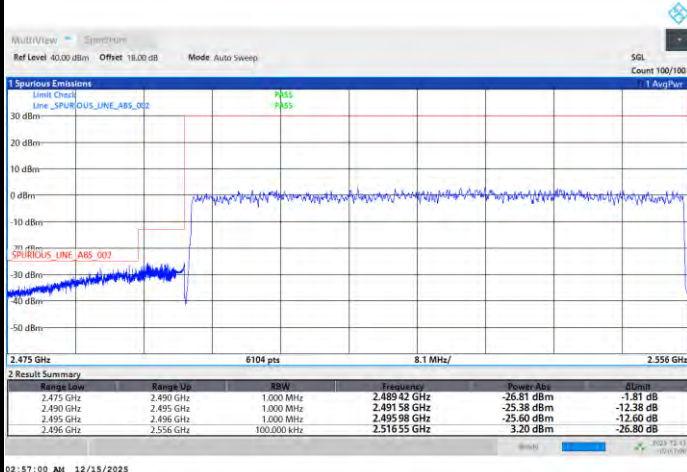




FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

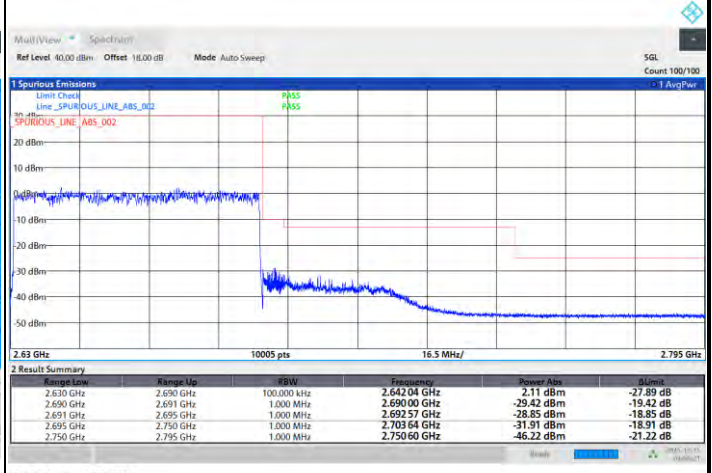
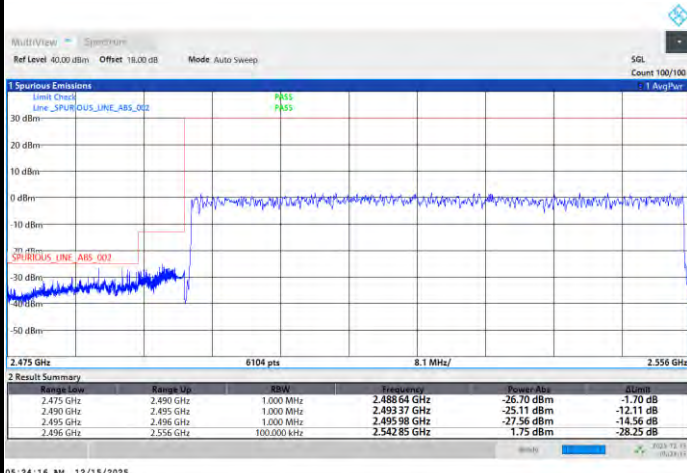
Highest Band Edge / Full RB



FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

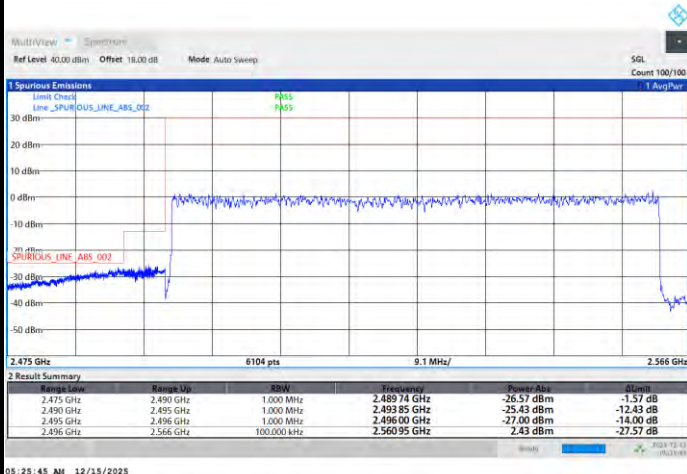




FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

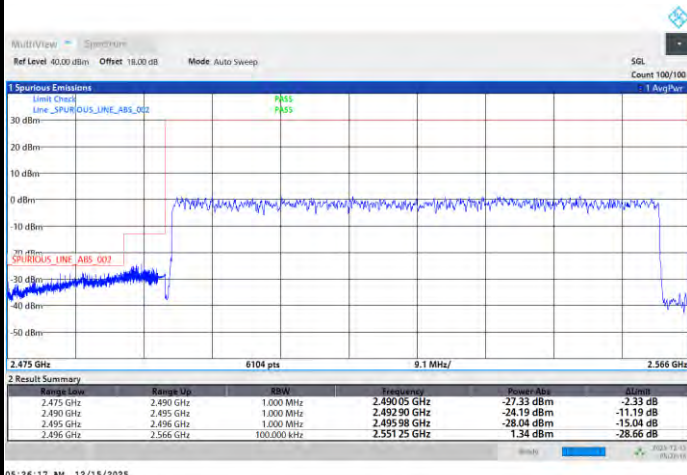
Highest Band Edge / Full RB



FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

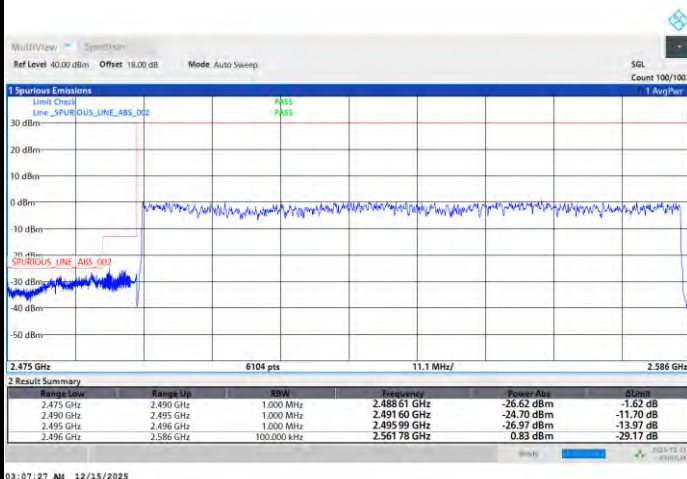




FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

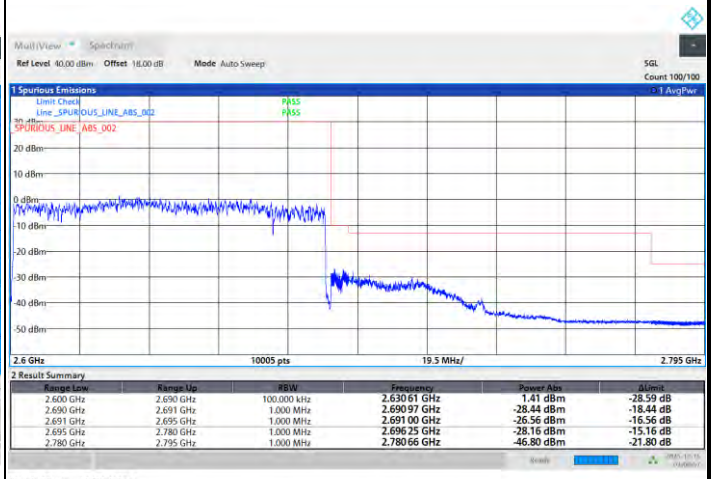
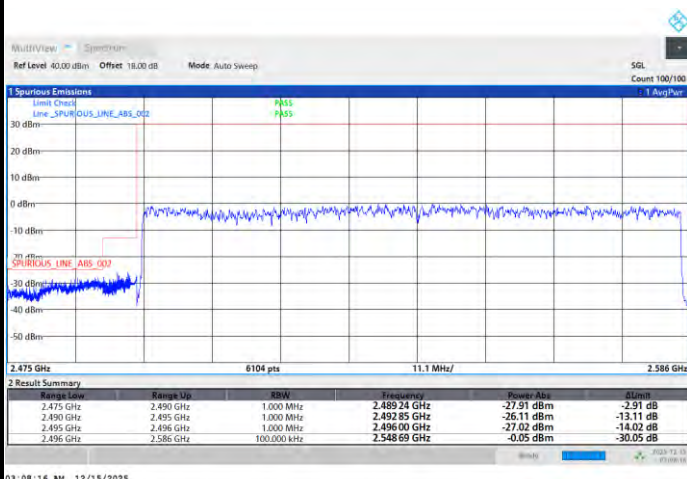
Highest Band Edge / Full RB



FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

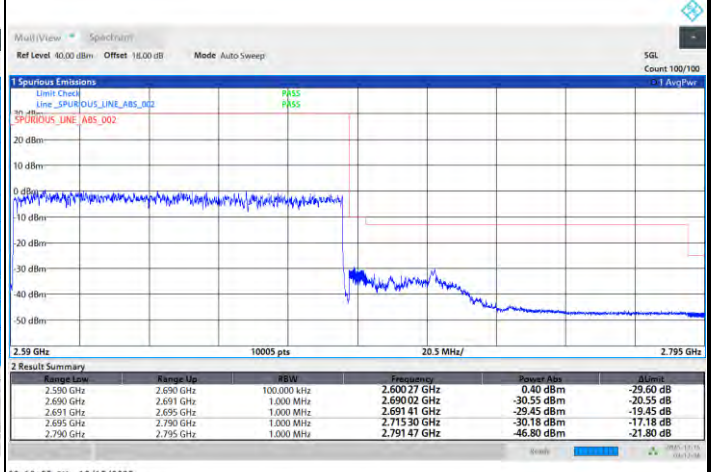
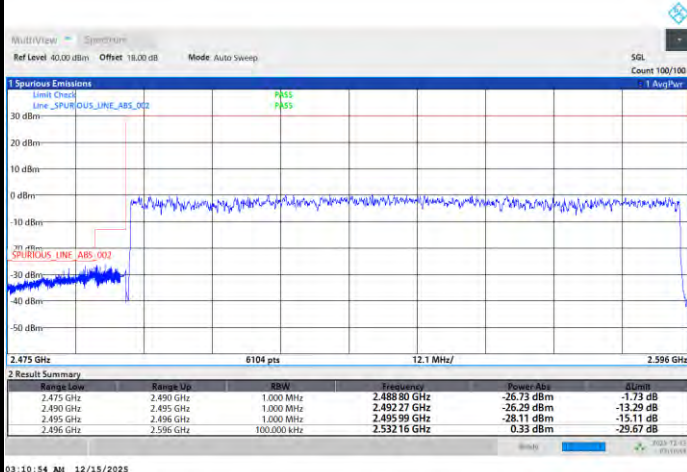




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

