Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.09	20.91	20.87	21.42	21.45	21.43	24.27	24.20	24.17	22.97	0.1982
20	1	49		20.98	20.91	20.94	21.53	21.34	21.31	24.27	24.14	24.14		
20	25	12		20.92	20.96	20.90	21.44	21.24	21.31	24.20	24.11	24.12		
20	1	0		19.12	19.08	18.84	19.45	19.42	19.39	22.30	22.26	22.13		
20	1	50		18.91	18.92	18.84	19.50	19.31	19.34	22.23	22.13	22.11		
20	51	0		18.48	18.43	18.38	19.01	18.73	18.77	21.76	21.59	21.59		
20	1	1	16-QAM	20.46	20.68	20.56	20.88	21.08	20.98	23.69	23.89	23.79	22.59	0.1816
20	1	1	64-QAM	19.00	18.92	18.72	19.50	19.58	19.43	22.27	22.27	22.10		
20	1	1	256-QAM	15.84	15.82	15.86	16.45	16.34	16.51	19.17	19.10	19.21		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.06	21.18	20.87	21.41	21.46	21.39	24.25	24.33	24.15	23.03	0.2009
25	1	63		20.89	20.95	20.88	21.43	21.32	21.23	24.18	24.15	24.07		
25	33	16		20.92	20.92	20.86	21.48	21.27	21.33	24.22	24.11	24.11		
25	1	0		19.15	19.12	18.96	19.41	19.38	19.41	22.29	22.26	22.20		
25	1	64		18.92	18.97	18.90	19.41	19.28	19.25	22.18	22.14	22.09		
25	65	0		18.40	18.41	18.36	18.93	18.75	18.82	21.68	21.59	21.61		
25	1	1	16-QAM	20.76	20.50	20.33	21.00	21.03	20.89	23.89	23.78	23.63	22.59	0.1816
25	1	1	64-QAM	18.92	19.06	18.64	19.15	19.46	19.34	22.05	22.27	22.01		
25	1	1	256-QAM	16.11	15.99	15.77	16.46	16.55	16.45	19.30	19.29	19.13		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.05	21.07	20.93	21.49	21.60	21.34	24.29	24.35	24.15	23.05	0.2018
30	1	76		20.84	20.85	20.87	21.45	21.36	21.34	24.17	24.12	24.12		
30	39	19		20.91	20.95	20.89	21.53	21.29	21.37	24.24	24.13	24.15		
30	1	0		19.08	19.09	18.90	19.48	19.54	19.44	22.29	22.33	22.19		
30	1	77		18.89	18.87	18.90	19.44	19.32	19.30	22.18	22.11	22.11		
30	78	0		18.42	18.45	18.36	19.02	18.76	18.86	21.74	21.62	21.63		
30	1	1	16-QAM	20.71	20.72	20.56	20.99	20.97	20.93	23.86	23.86	23.76	22.56	0.1803
30	1	1	64-QAM	18.95	18.92	18.81	19.45	19.62	19.51	22.22	22.29	22.18		
30	1	1	256-QAM	16.09	16.09	15.89	16.51	16.55	16.48	19.32	19.34	19.21		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.16	21.02	20.99	21.45	21.50	21.36	24.32	24.28	24.19	23.02	0.2004
40	1	104		21.03	20.85	20.86	21.40	21.22	21.28	24.23	24.05	24.09		
40	53	26		20.93	20.95	20.86	21.58	21.28	21.34	24.28	24.13	24.12		
40	1	0		19.21	19.08	19.11	19.47	19.55	19.42	22.35	22.33	22.28		
40	1	105		18.99	18.76	18.85	19.38	19.24	19.29	22.20	22.02	22.09		
40	106	0		18.45	18.44	18.38	19.05	18.77	18.86	21.77	21.62	21.64		
40	1	1	16-QAM	20.58	20.59	20.61	21.10	21.10	20.96	23.86	23.86	23.80	22.56	0.1803
40	1	1	64-QAM	19.18	18.92	19.11	19.23	19.32	19.28	22.22	22.13	22.21		
40	1	1	256-QAM	16.06	15.97	16.06	16.49	16.53	16.48	19.29	19.27	19.29		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.14	21.04	21.00	21.55	21.73	21.41	24.36	24.41	24.22	23.11	0.2046
50	1	131		20.85	20.89	20.88	21.21	21.30	21.32	24.04	24.11	24.12		
50	67	33		20.93	20.95	20.84	21.51	21.26	21.35	24.24	24.12	24.11		
50	1	0		19.15	19.18	19.08	19.55	19.70	19.38	22.36	22.46	22.24		
50	1	132		18.94	18.84	18.96	19.24	19.33	19.23	22.10	22.10	22.11		
50	133	0		18.44	18.46	18.31	18.96	18.79	18.80	21.72	21.64	21.57		
50	1	1	16-QAM	20.65	20.56	20.65	21.12	21.23	20.90	23.90	23.92	23.79	22.62	0.1828
50	1	1	64-QAM	19.14	19.19	18.88	19.53	19.55	19.47	22.35	22.38	22.20		
50	1	1	256-QAM	16.18	16.08	15.95	16.61	16.71	16.20	19.41	19.42	19.09		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.23	21.03	21.27	21.54	21.70	21.52	24.40	24.39	24.41	23.11	0.2046
60	1	160		20.43	20.75	20.93	21.20	21.40	21.30	23.84	24.10	24.13		
60	81	40		20.94	20.95	20.86	21.51	21.28	21.38	24.24	24.13	24.14		
60	1	0		19.27	19.12	19.31	19.53	19.69	19.61	22.41	22.42	22.47		
60	1	161		17.96	18.77	18.95	19.20	19.28	19.29	21.63	22.04	22.13		
60	162	0		18.47	18.45	18.36	18.91	18.87	18.85	21.71	21.68	21.62		
60	1	1	16-QAM	20.69	20.63	20.64	20.99	21.14	21.12	23.85	23.90	23.90	22.6	0.1820
60	1	1	64-QAM	19.13	19.03	19.09	19.54	19.73	19.72	22.35	22.40	22.43		
60	1	1	256-QAM	15.83	15.99	16.34	16.52	16.74	16.63	19.20	19.39	19.50		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	20.82	21.11	21.25	21.60	21.71	21.68	24.24	24.43	24.48	23.18	0.2080
70	1	187		20.38	20.84	21.06	21.26	21.27	21.26	23.85	24.07	24.17		
70	95	47		21.07	20.93	20.98	21.38	21.25	21.41	24.24	24.10	24.21		
70	1	0		19.40	19.23	19.32	19.48	19.71	19.68	22.45	22.49	22.51		
70	1	188		17.91	18.73	18.88	19.21	19.39	19.36	21.62	22.08	22.14		
70	189	0		18.10	18.52	18.43	18.96	18.83	18.90	21.56	21.69	21.68		
70	1	1	16-QAM	20.69	20.67	20.66	21.04	21.28	21.22	23.88	24.00	23.96	22.7	0.1862
70	1	1	64-QAM	18.72	19.04	19.42	19.59	19.91	19.32	22.19	22.51	22.38		
70	1	1	256-QAM	16.10	16.08	16.17	16.81	16.84	16.80	19.48	19.49	19.51		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.30	21.20	21.26	21.75	21.76	21.84	24.54	24.50	24.57	23.27	0.2123
80	1	215		20.90	21.00	20.96	21.31	21.13	21.29	24.12	24.08	24.14		
80	109	54		21.11	20.57	21.06	21.45	21.32	21.38	24.29	23.97	24.23		
80	1	0		19.44	19.30	19.33	19.80	19.75	19.77	22.63	22.54	22.57		
80	1	216		18.88	18.84	18.96	19.25	19.14	19.31	22.08	22.00	22.15		
80	217	0		18.63	18.52	18.58	18.98	18.80	18.88	21.82	21.67	21.74		
80	1	1	16-QAM	20.92	20.68	20.69	21.16	21.03	21.38	24.05	23.87	24.06	22.76	0.1888
80	1	1	64-QAM	19.35	18.75	19.17	19.68	19.78	19.71	22.53	22.31	22.46		
80	1	1	256-QAM	16.36	15.14	16.10	16.80	16.75	16.89	19.60	19.03	19.52		
Limit	EIRP < 1W			Result									Pass	

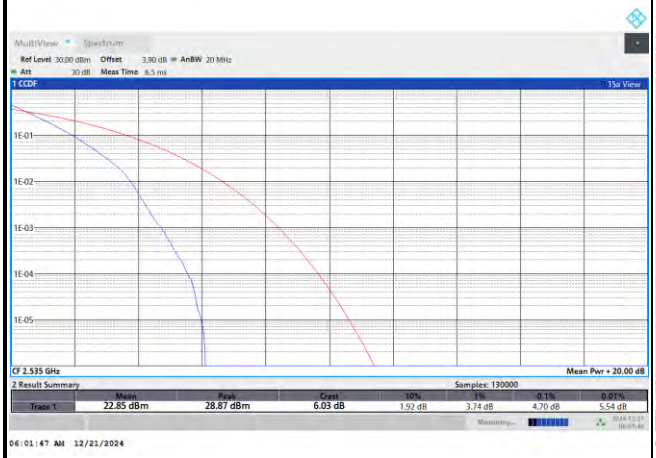
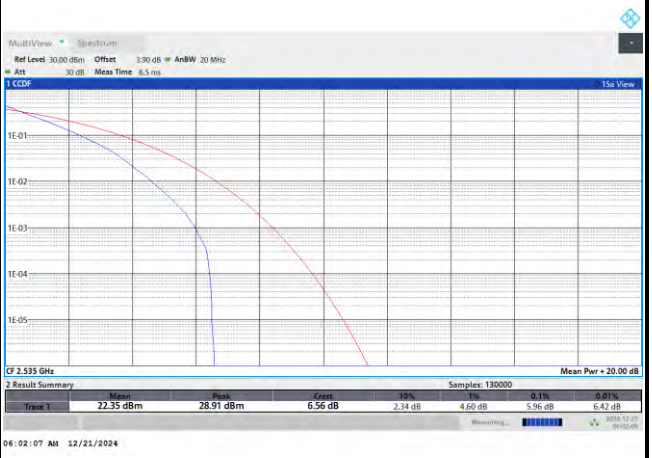
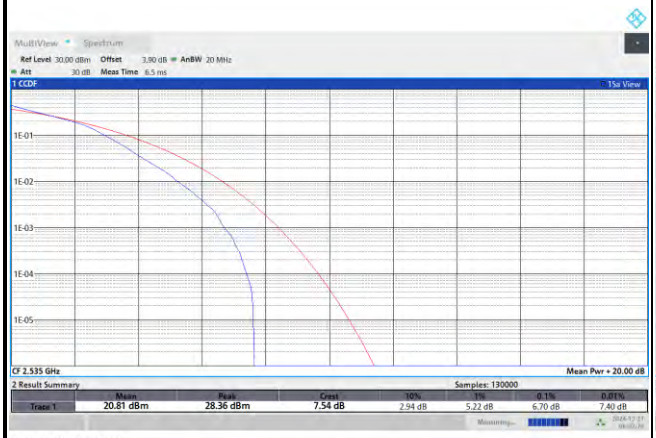
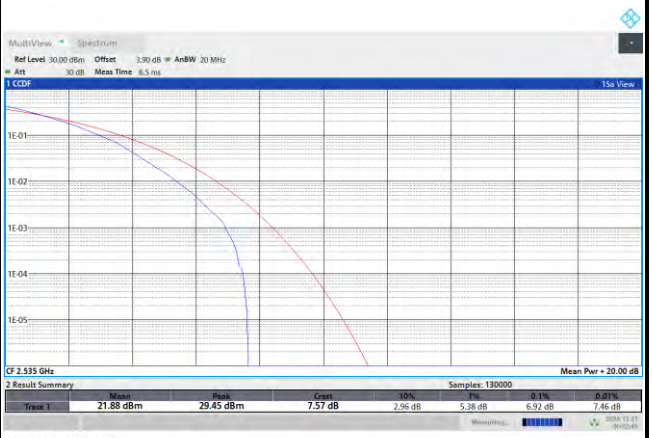
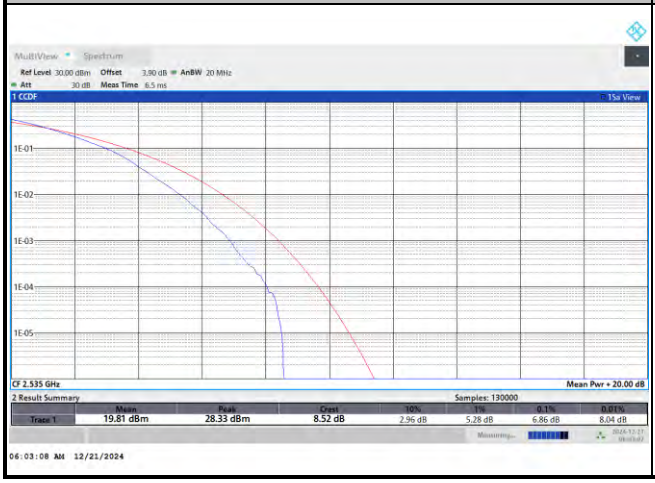
Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.41	21.24	21.24	21.73	21.84	21.82	24.58	24.56	24.55	23.28	0.2128
90	1	243		20.93	21.00	20.96	21.21	21.31	21.29	24.08	24.17	24.14		
90	123	61		21.04	20.97	21.06	21.38	21.39	21.38	24.22	24.20	24.23		
90	1	0		19.54	19.38	19.33	19.75	19.70	19.81	22.66	22.55	22.59		
90	1	244		18.88	18.97	18.95	19.27	19.42	19.31	22.09	22.21	22.14		
90	245	0		18.60	18.55	18.59	18.85	18.83	18.88	21.74	21.70	21.75		
90	1	1	16-QAM	20.81	20.92	20.92	21.37	21.19	21.23	24.11	24.07	24.09	22.81	0.1910
90	1	1	64-QAM	19.70	19.34	19.24	19.42	19.53	19.78	22.57	22.45	22.53		
90	1	1	256-QAM	16.38	15.20	16.31	16.78	16.78	17.14	19.59	19.07	19.76		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 Maximum Average Power [dBm], DG = -1.3 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.56	-	-	21.65	-	-	24.62	-	23.32	0.2148
100	1	271		-	20.99	-	-	21.41	-	-	24.22	-		
100	137	68		-	21.06	-	-	21.37	-	-	24.23	-		
100	1	0		-	19.61	-	-	19.75	-	-	22.69	-		
100	1	272		-	19.08	-	-	19.46	-	-	22.28	-		
100	273	0		-	18.57	-	-	18.85	-	-	21.72	-		
100	1	1	16-QAM	-	21.10	-	-	21.10	-	-	24.11	-	22.81	0.1910
100	1	1	64-QAM	-	19.35	-	-	19.88	-	-	22.63	-		
100	1	1	256-QAM	-	16.48	-	-	16.90	-	-	19.71	-		
Limit	EIRP < 1W			Result									Pass	

FR1 n7

Peak-to-Average Ratio

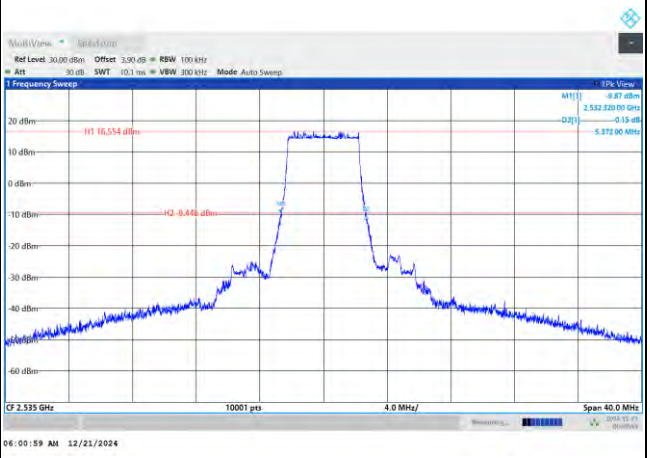
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.70	5.96	6.70	6.92	PASS
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.86				PASS

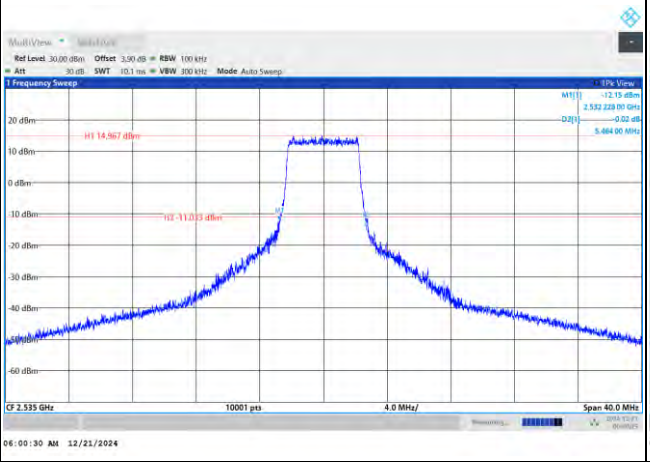
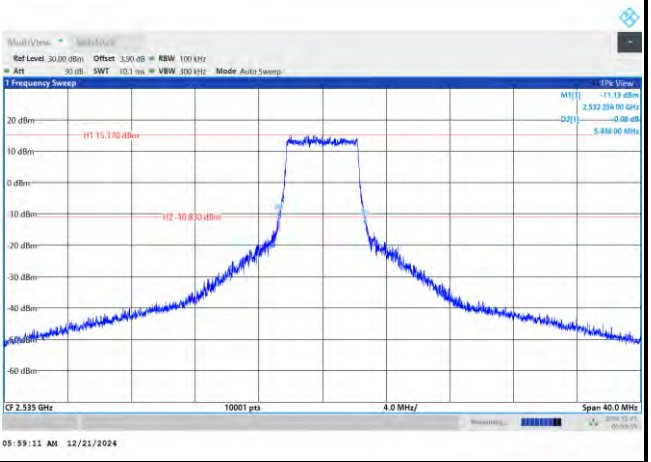
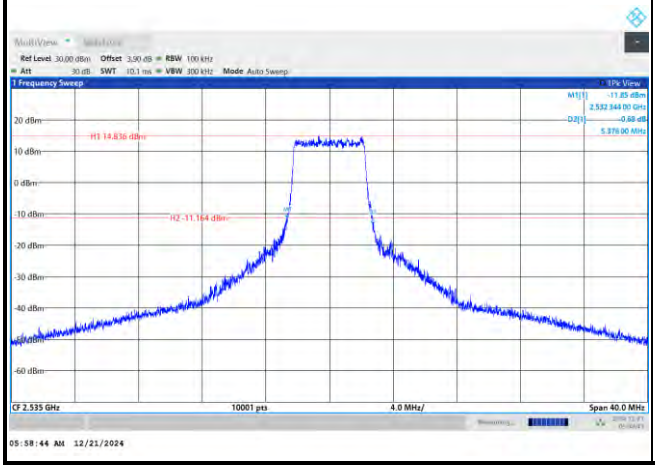
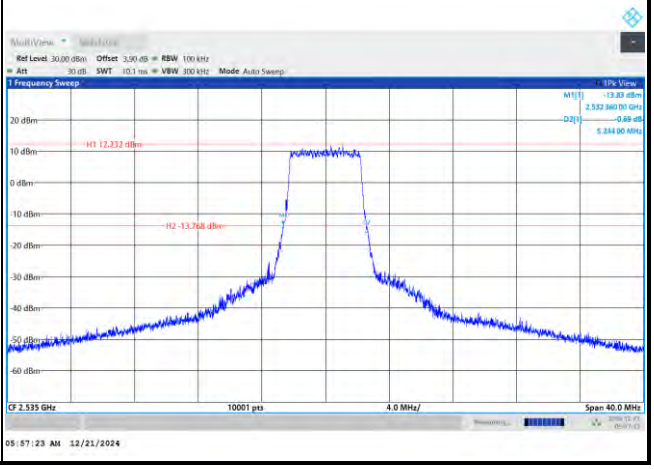
FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

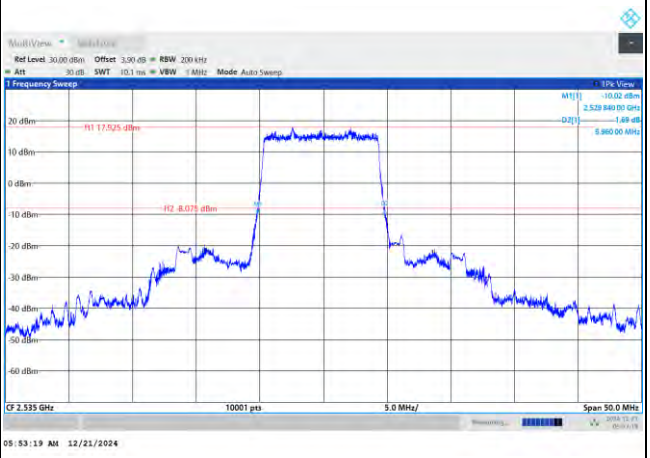
26dB Bandwidth

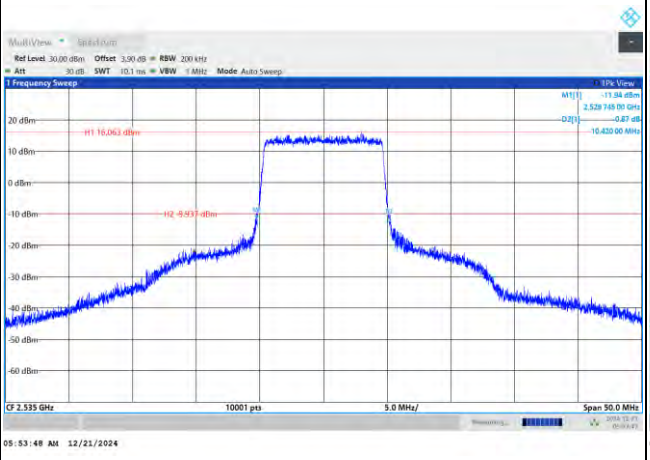
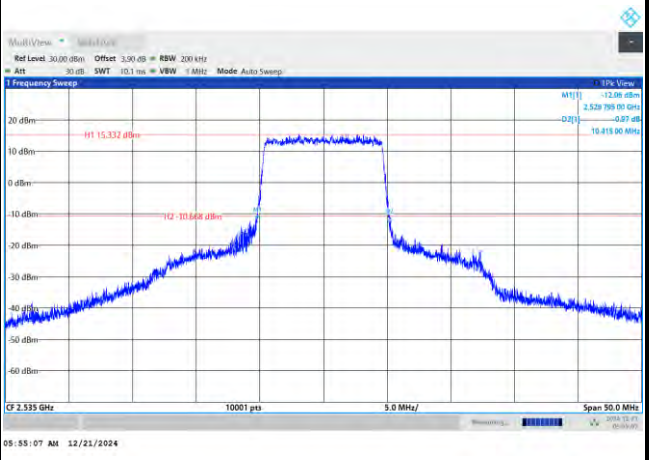
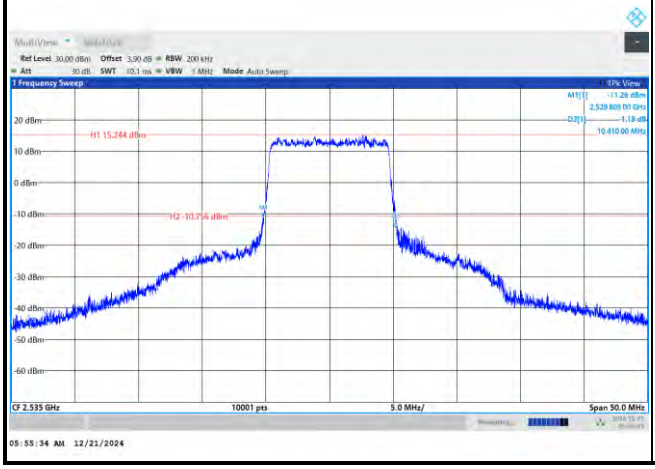
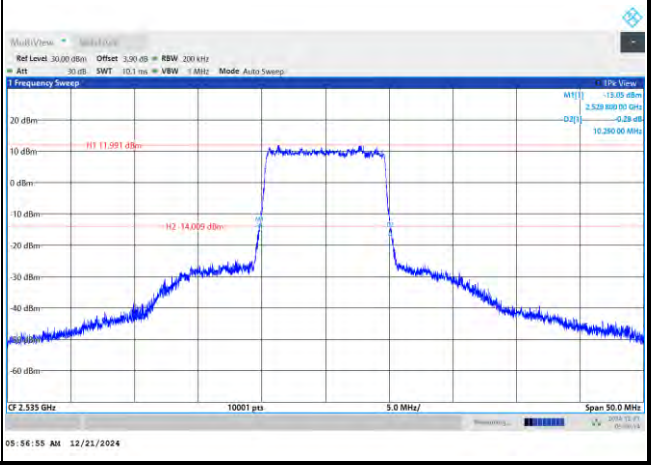
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.37		9.96		14.75		19.55	
BW	25MHz		30MHz		30MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	25.04		33.15		-		43.07	
BW	50MHz							
Mod.	PI/2 BPSK							
Middle CH	53.11							

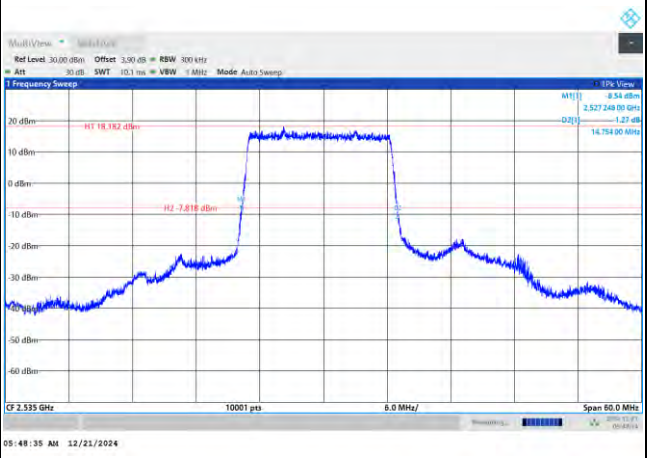
Mode	FR1 n7 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.46	5.43	10.42	10.41	15.51	15.48	21.33	21.35
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.37	5.24	10.41	10.29	15.42	15.37	21.41	21.50
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	26.18	26.24	33.71	33.73	-	-	43.75	43.45
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	26.44	26.20	33.46	33.46	-	-	43.20	42.93
BW	50MHz							
Mod.	QPSK	16QAM						
Middle CH	52.96	52.85						
Mod.	64QAM	256QAM						
Middle CH	53.04	53.05						

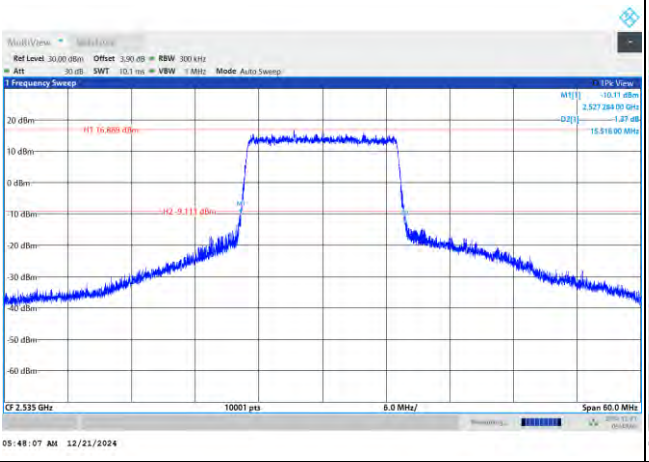
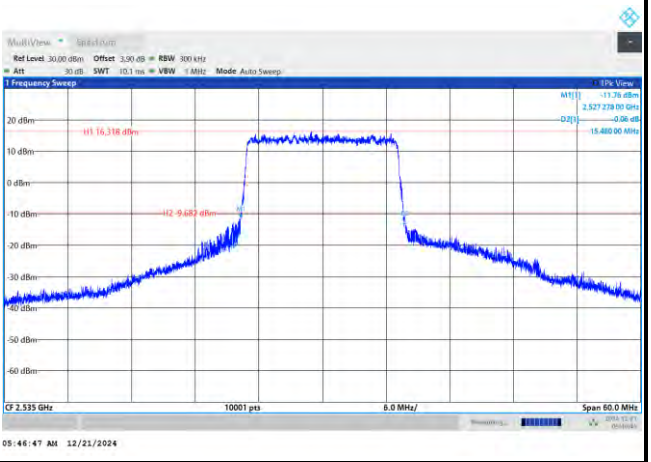
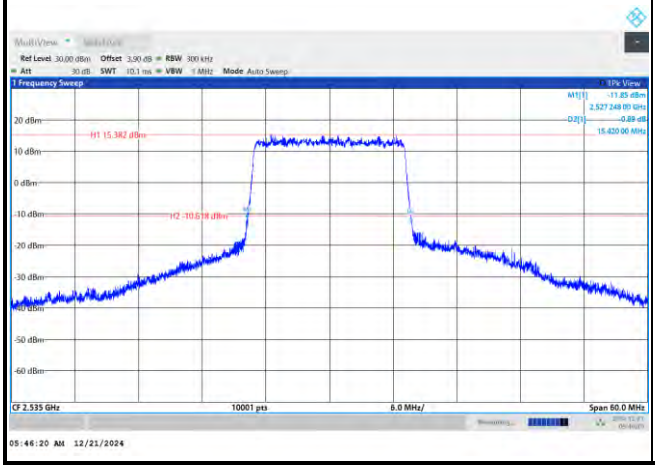
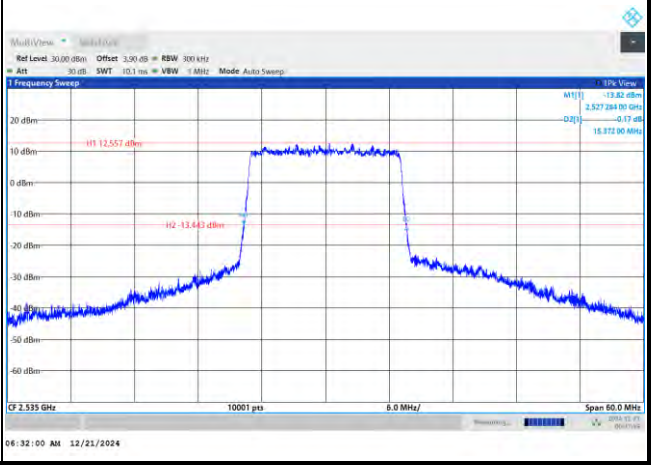
FR1 n7 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

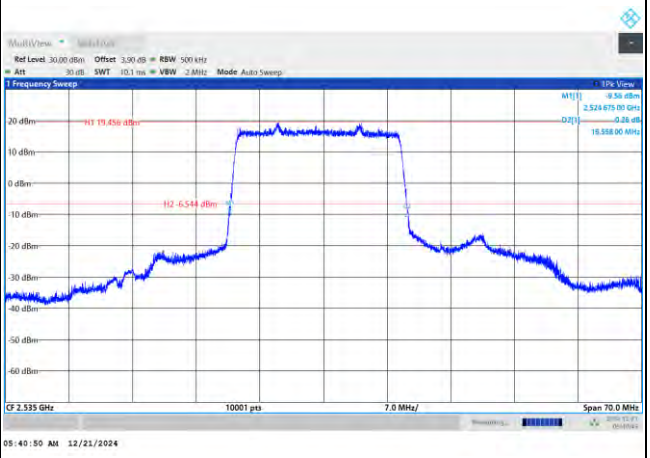
FR1 n7 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

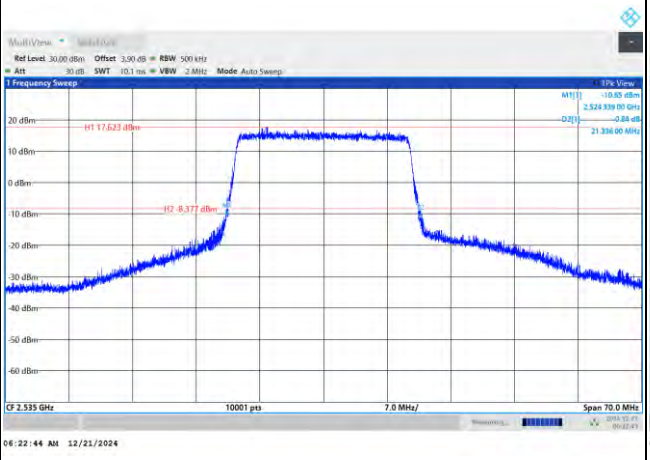
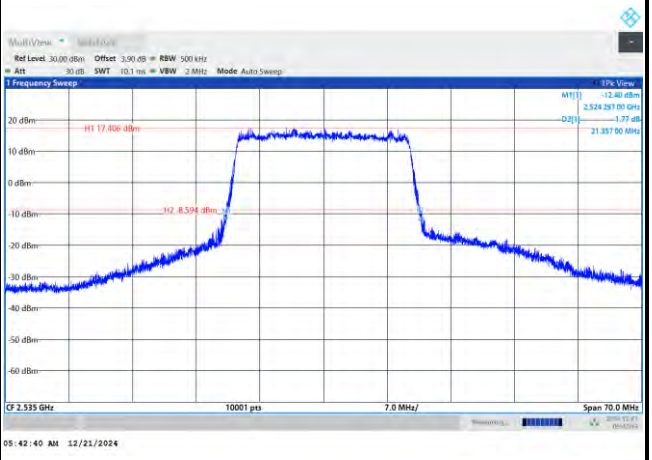
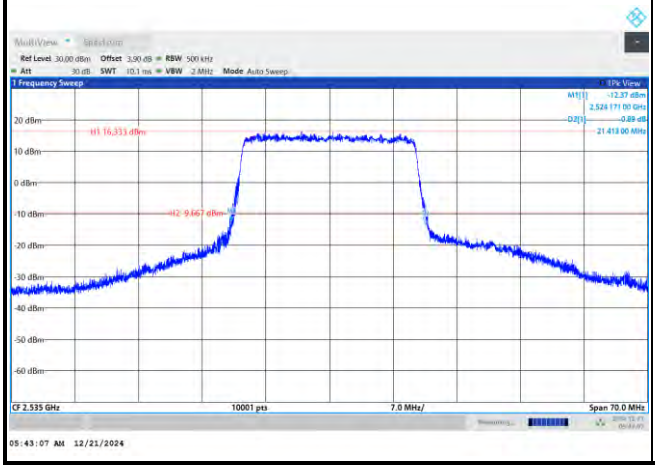
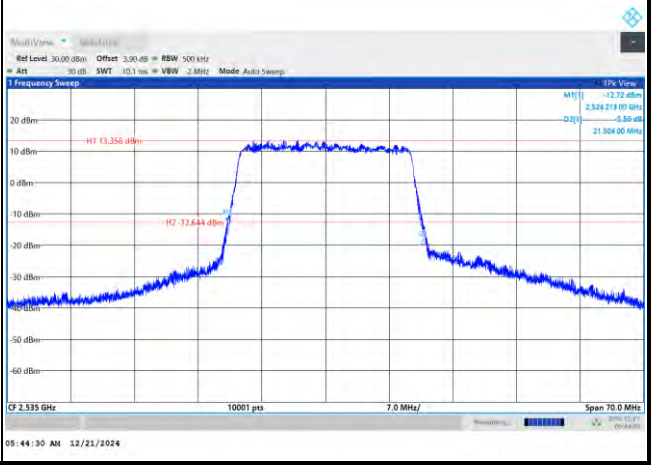
FR1 n7 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

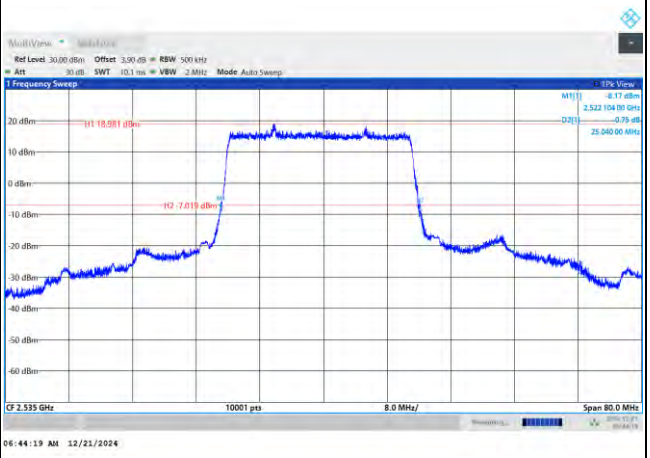
FR1 n7 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

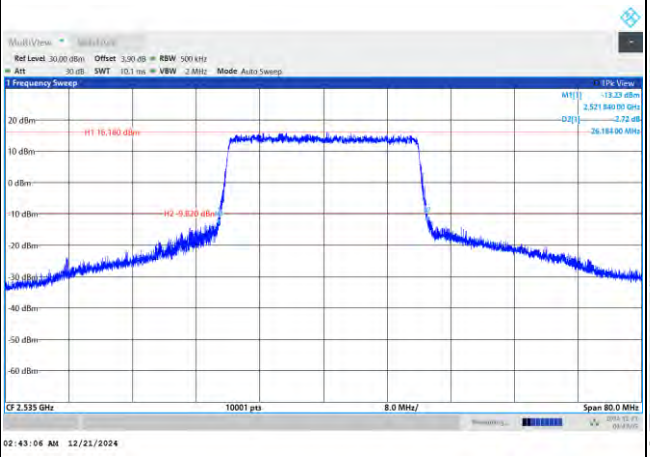
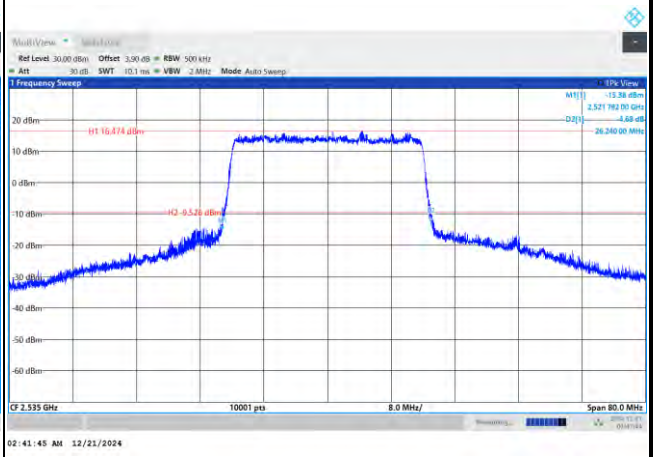
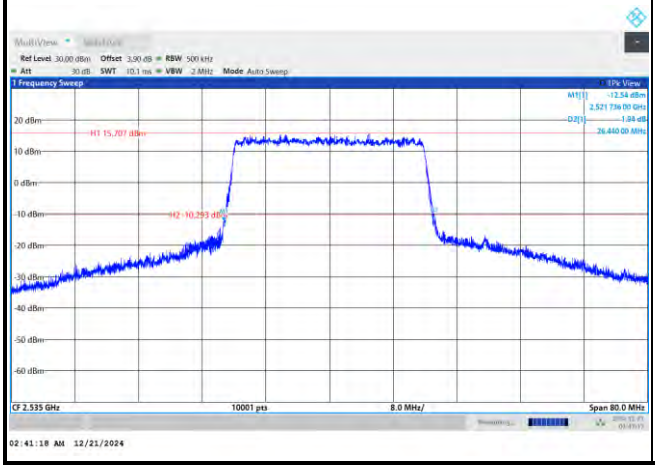
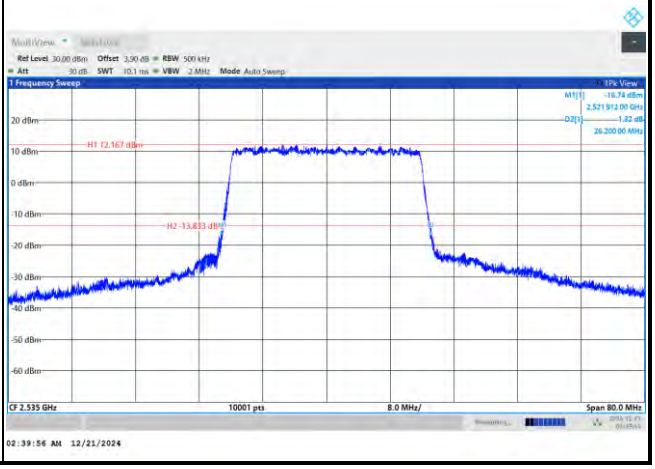
FR1 n7 / 15MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

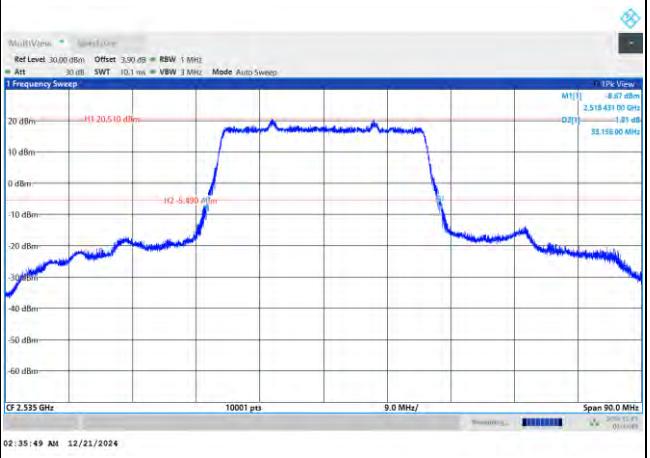
FR1 n7 / 15MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

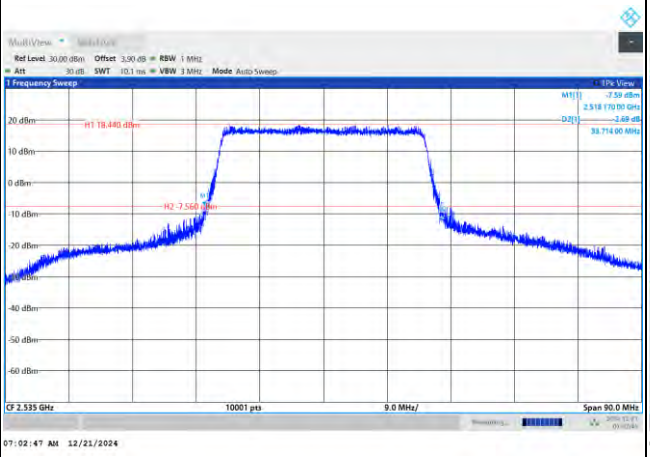
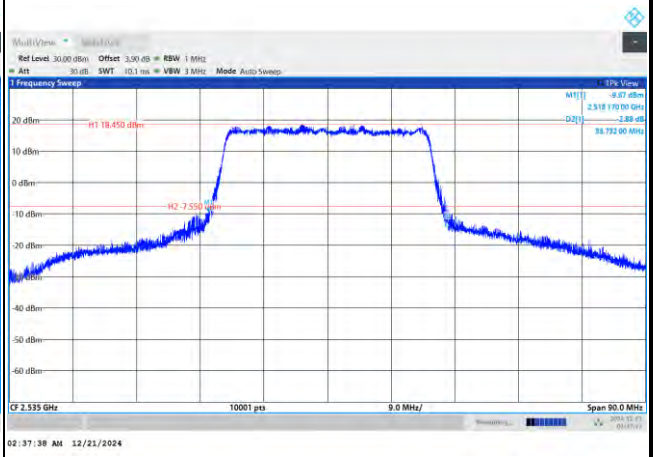
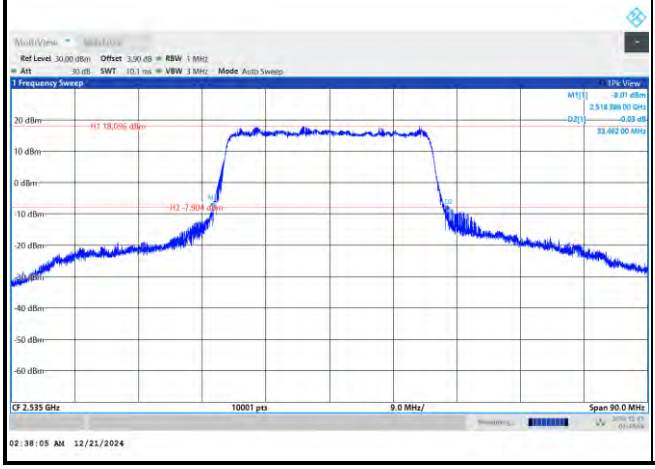
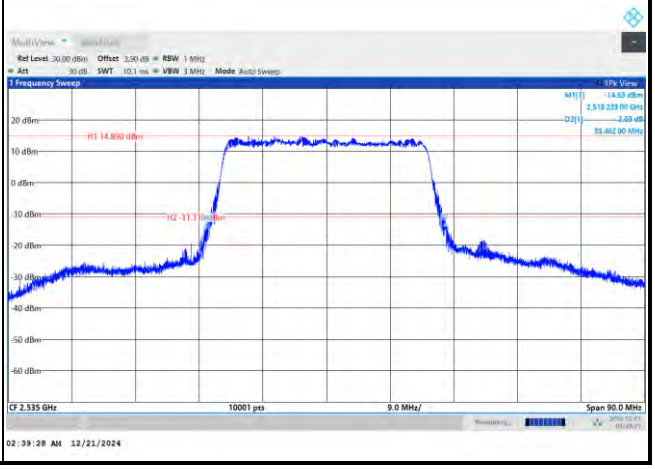
FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

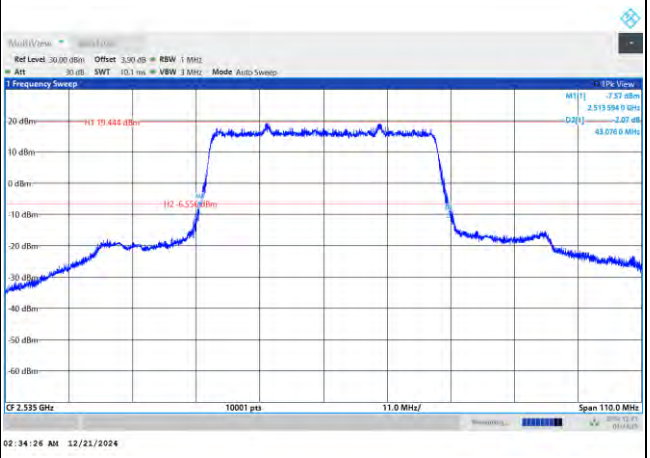
FR1 n7 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

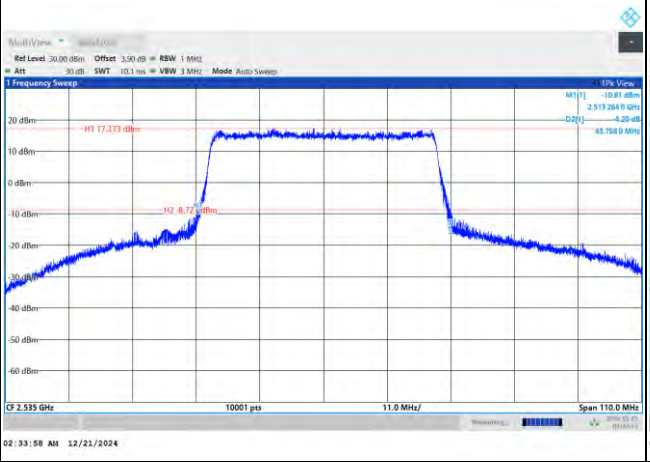
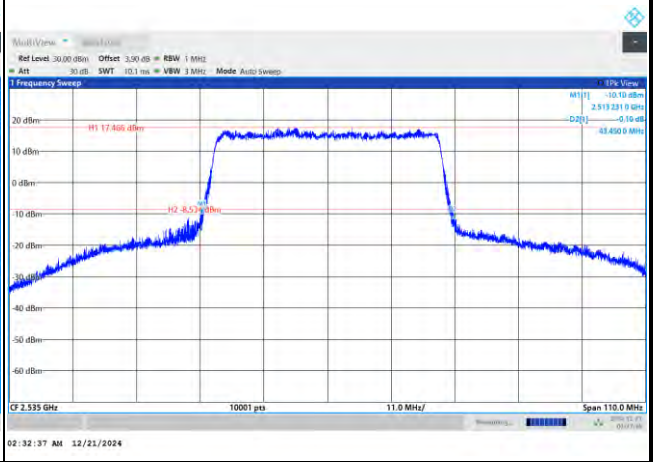
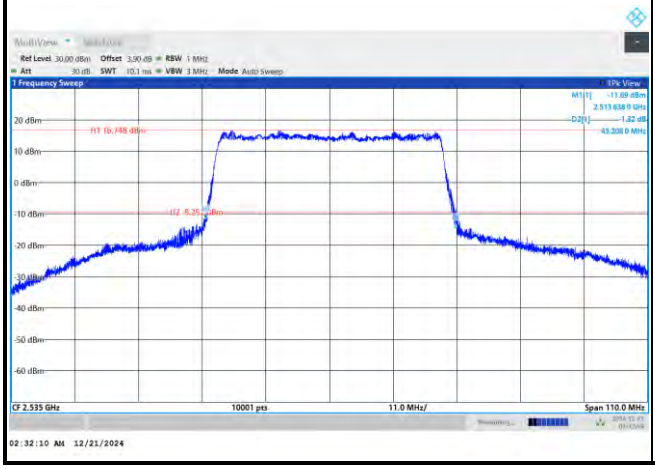
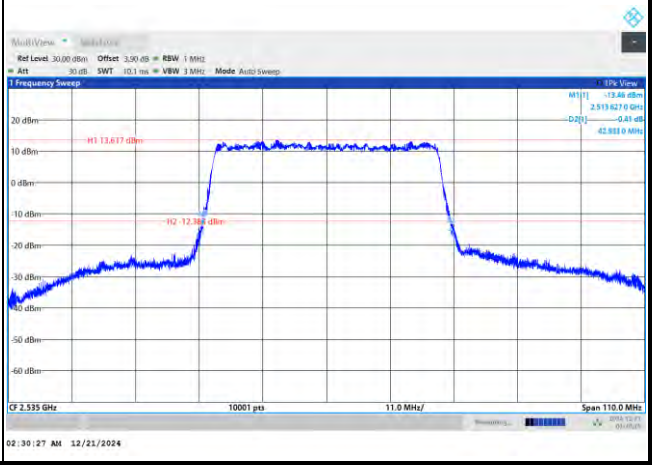
FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

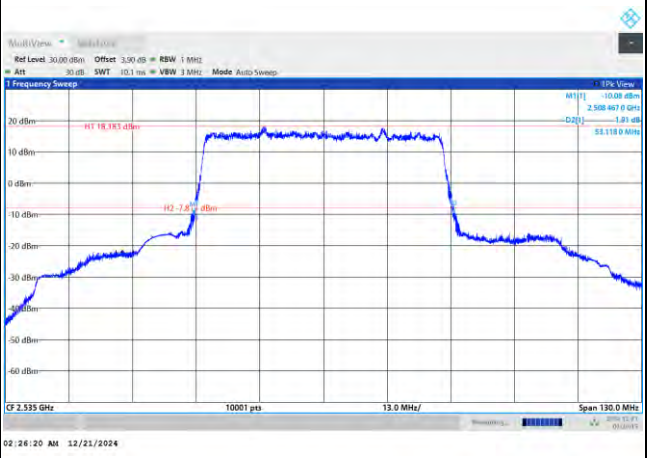
FR1 n7 / 25MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

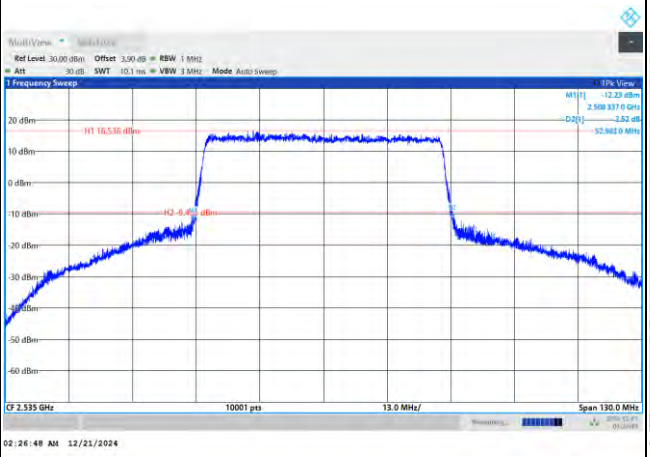
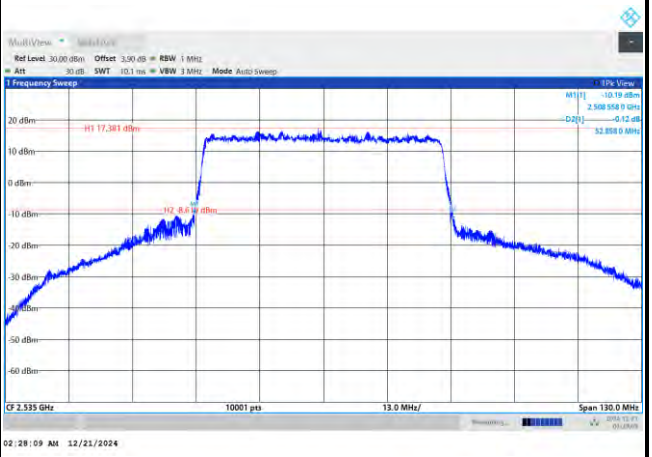
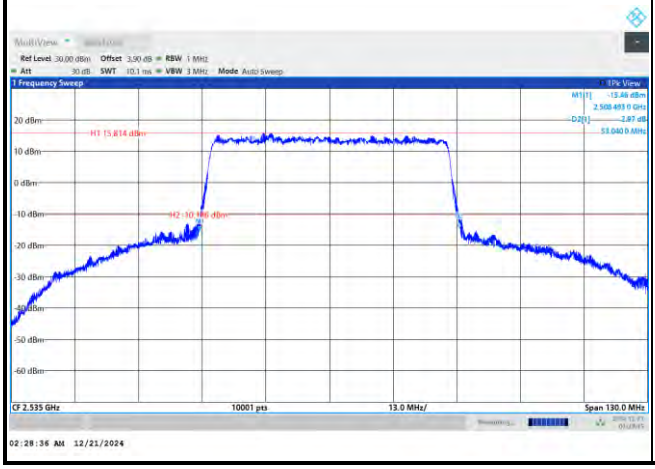
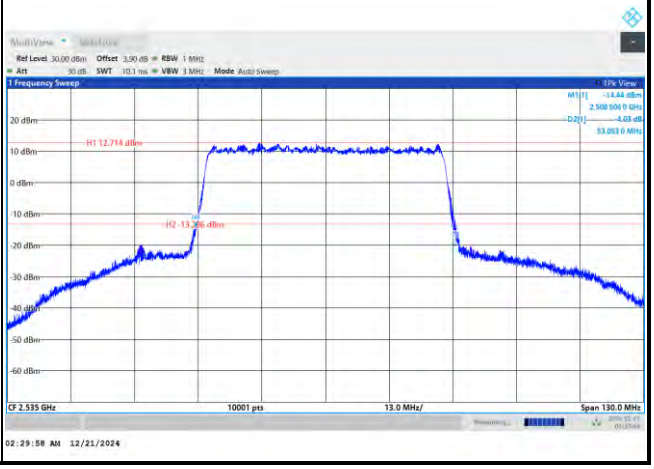
FR1 n7 / 30MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n7 / 30MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n7 / 40MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n7 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n7 / 50MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n7 / 50MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

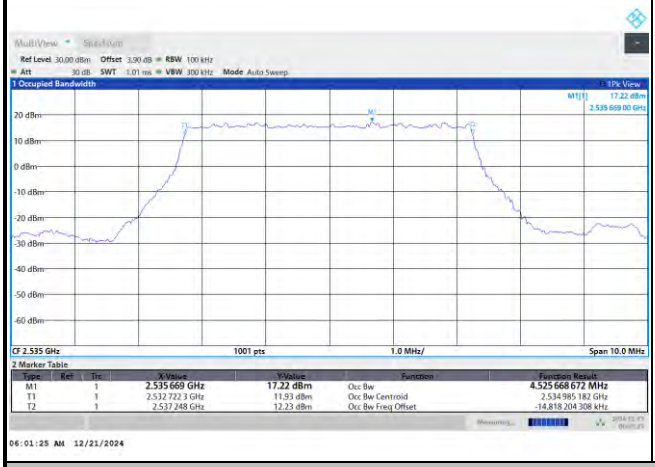
Occupied Bandwidth

Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.52		9.00		13.50		18.05	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	23.01		29.16		-		38.96	
BW	50MHz							
Mod.	PI/2 BPSK							
Middle CH	48.49							

Mode	FR1 n7 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.53	9.35	9.34	14.17	14.20	19.08	19.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.51	4.51	9.34	9.34	14.16	14.16	19.08	19.07
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.85	23.87	29.03	29.04	-	-	38.91	38.84
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	23.92	23.83	28.98	28.92	-	-	38.82	38.87
BW	50MHz							
Mod.	QPSK	16QAM						
Middle CH	48.48	48.55						
Mod.	64QAM	256QAM						
Middle CH	48.39	48.39						

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

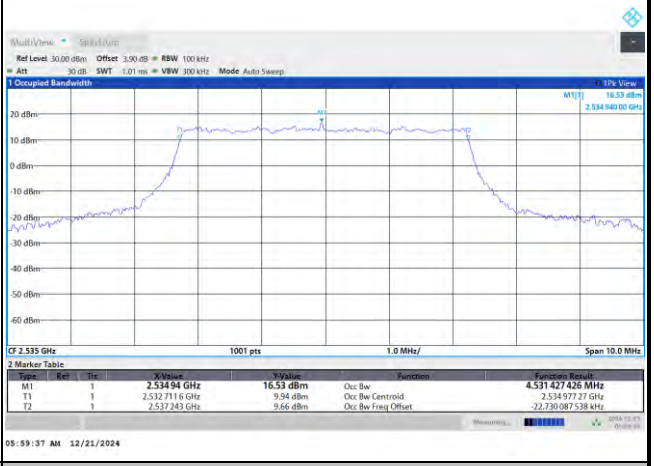
PI/2 BPSK



FR1 n7 / 5MHz / CP OFDM / Middle Channel / Full RB

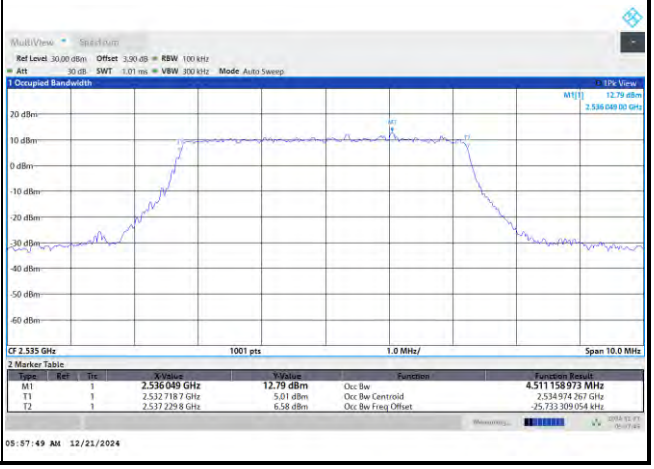
QPSK

16QAM



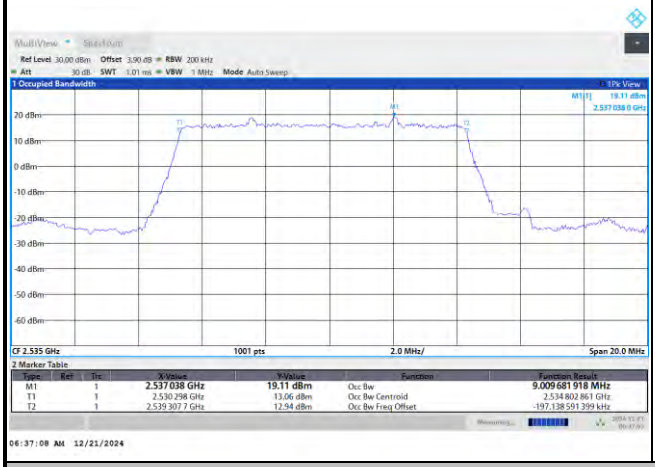
64QAM

256QAM



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

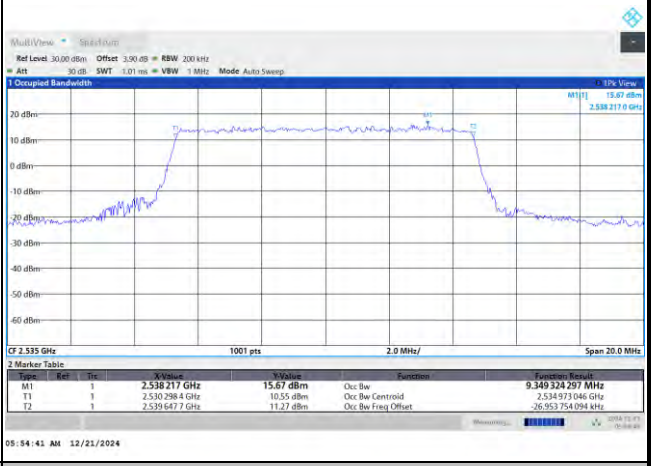
PI/2 BPSK



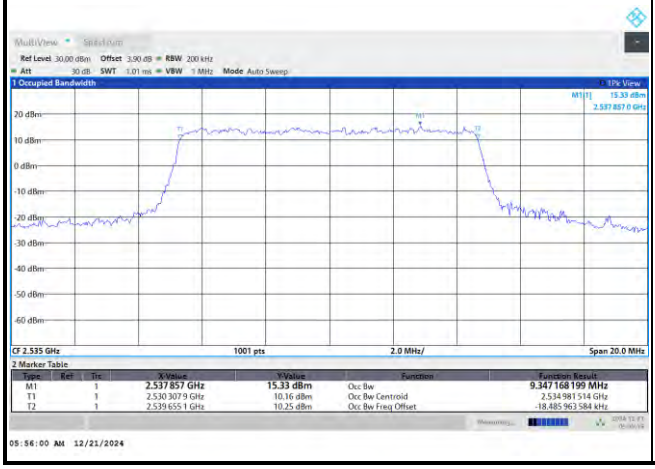
FR1 n7 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK

16QAM



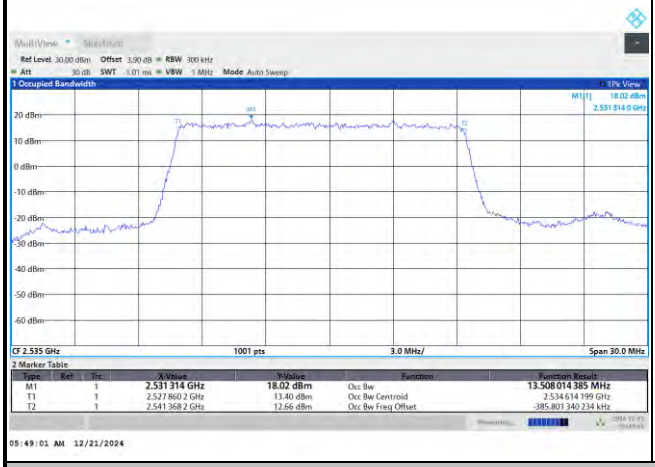
64QAM



256QAM

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

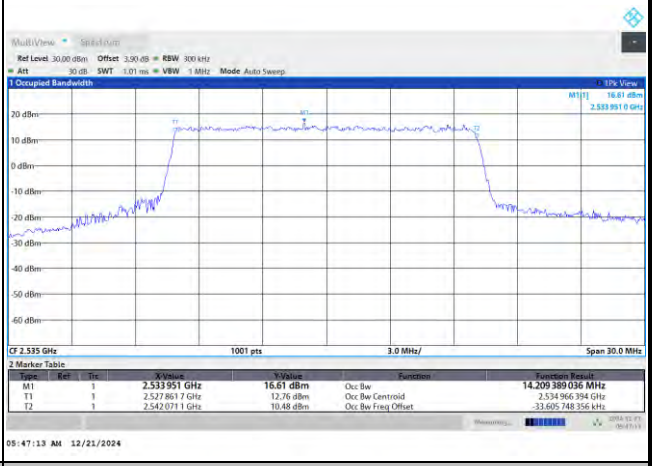
PI/2 BPSK



FR1 n7 / 15MHz / CP OFDM / Middle Channel / Full RB

QPSK

16QAM

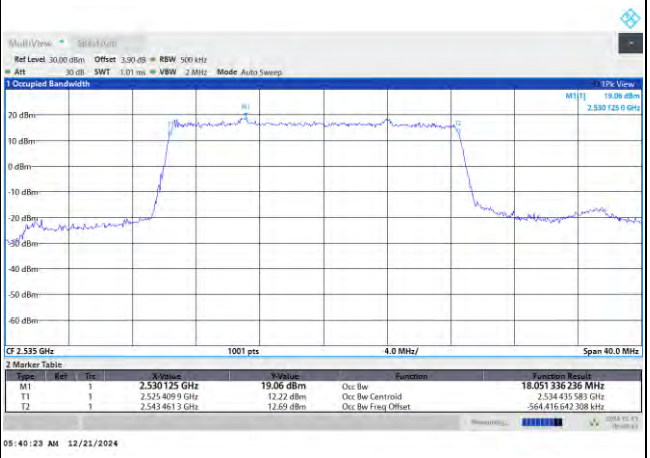


64QAM

256QAM

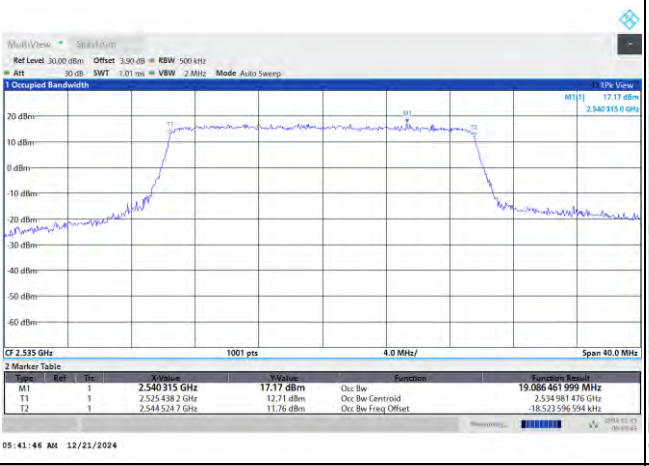
FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

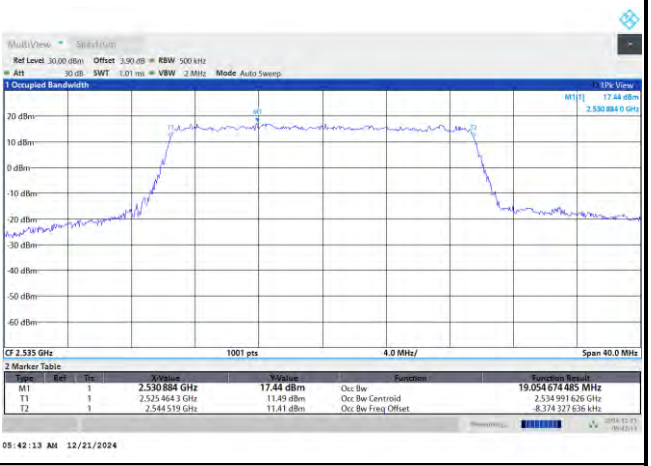


FR1 n7 / 20MHz / CP OFDM / Middle Channel / Full RB

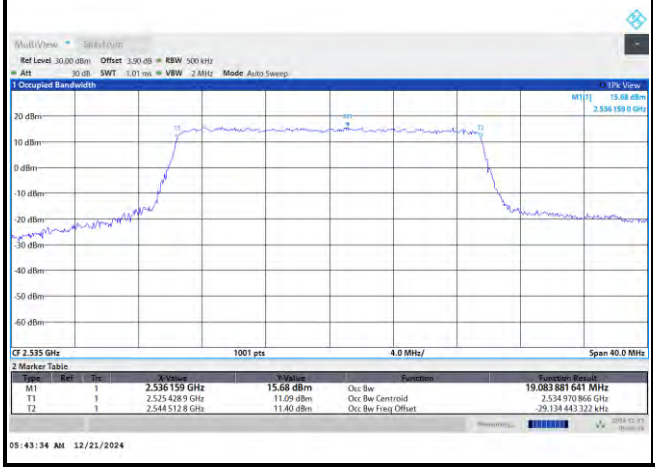
QPSK



16QAM



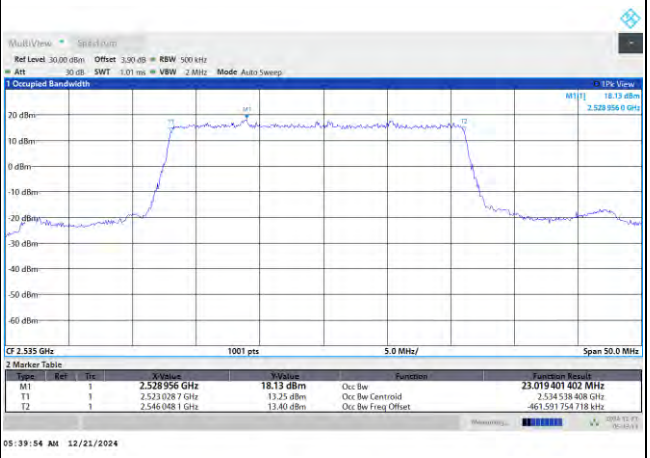
64QAM



256QAM

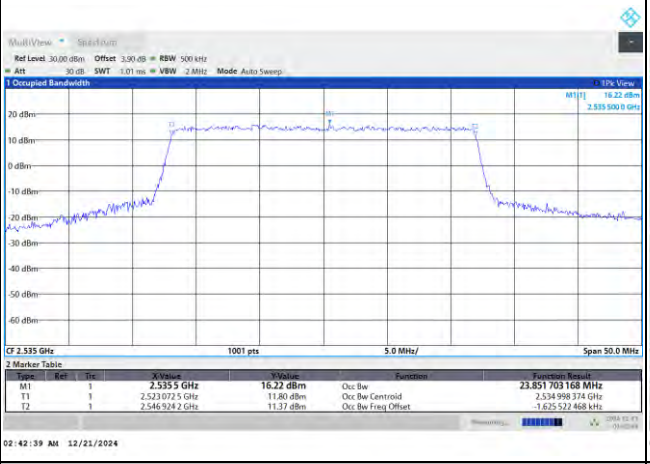
FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



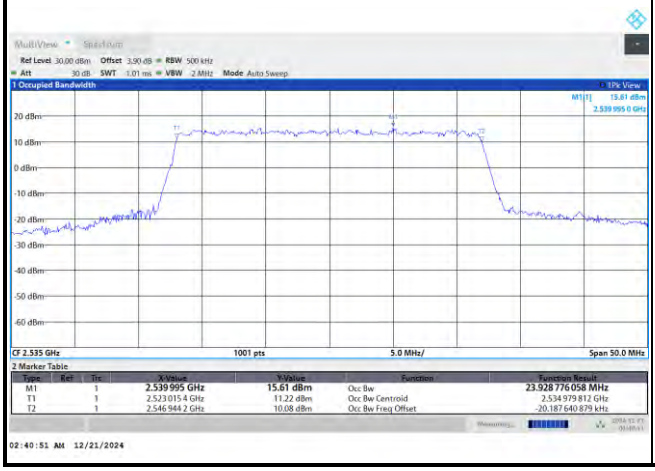
FR1 n7 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM

64QAM



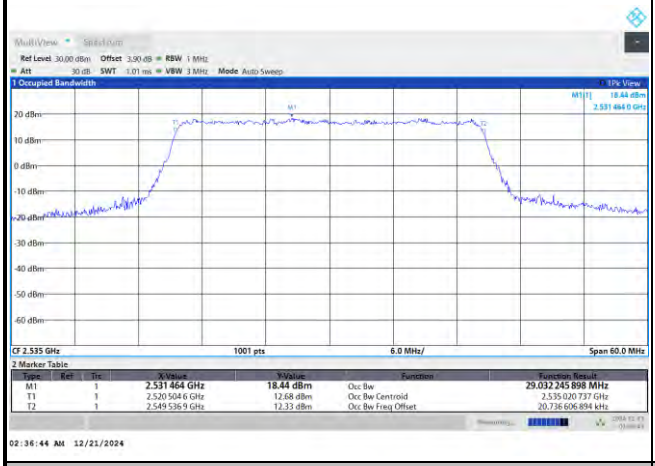
256QAM

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

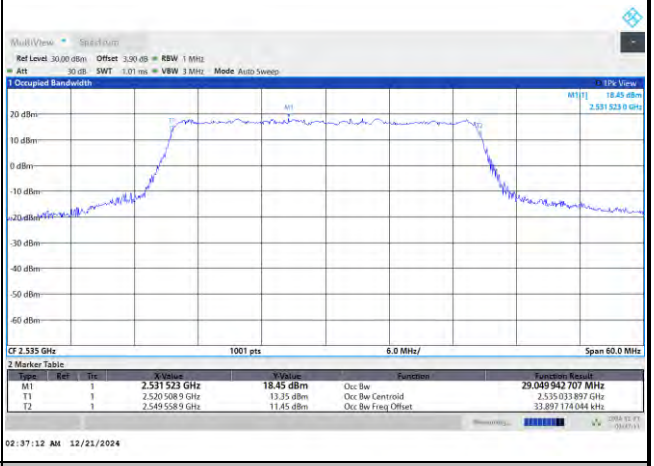
PI/2 BPSK

FR1 n7 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM

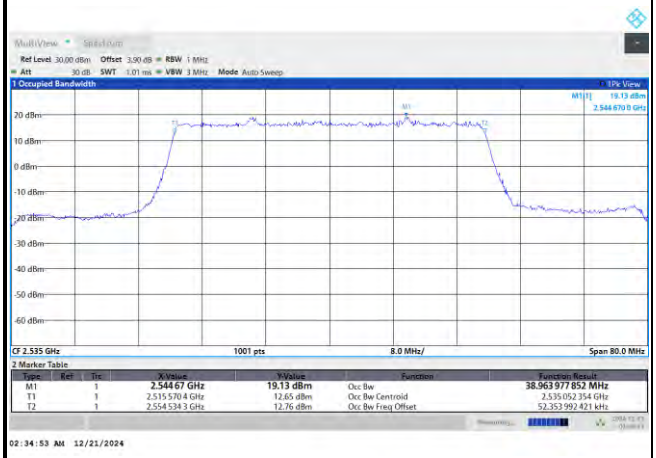


64QAM

256QAM

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

PI/2 BPSK



FR1 n7 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK

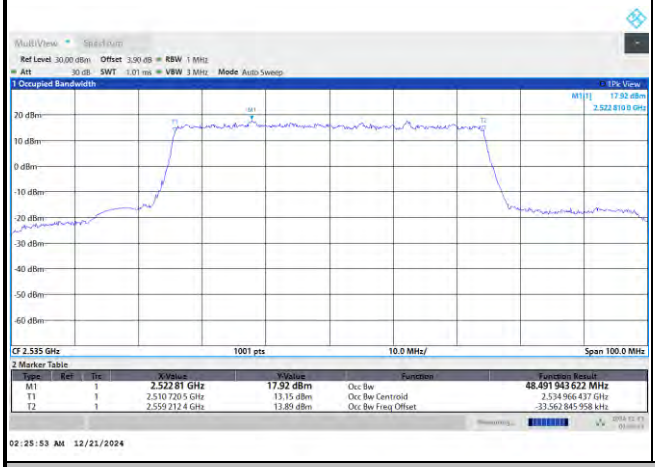
16QAM

64QAM

256QAM

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

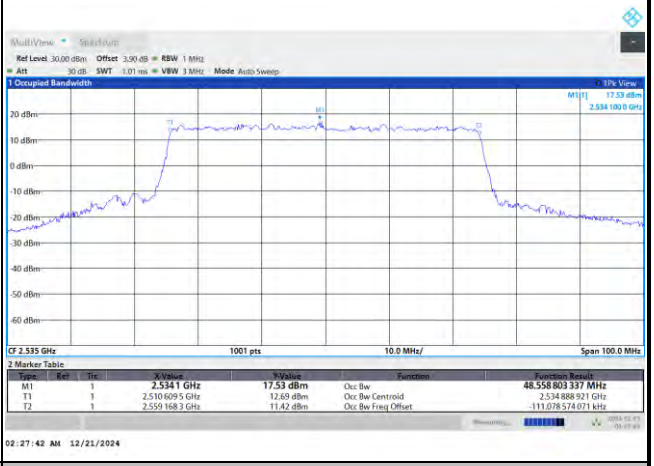
PI/2 BPSK



FR1 n7 / 50MHz / CP OFDM / Middle Channel / Full RB

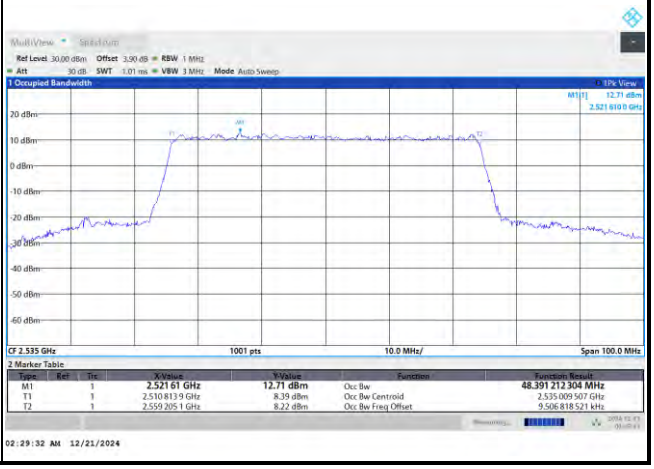
QPSK

16QAM



64QAM

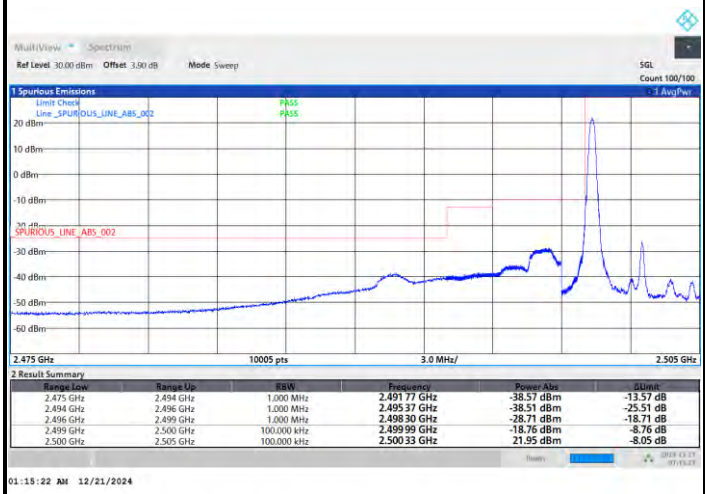
256QAM



Conducted Band Edge

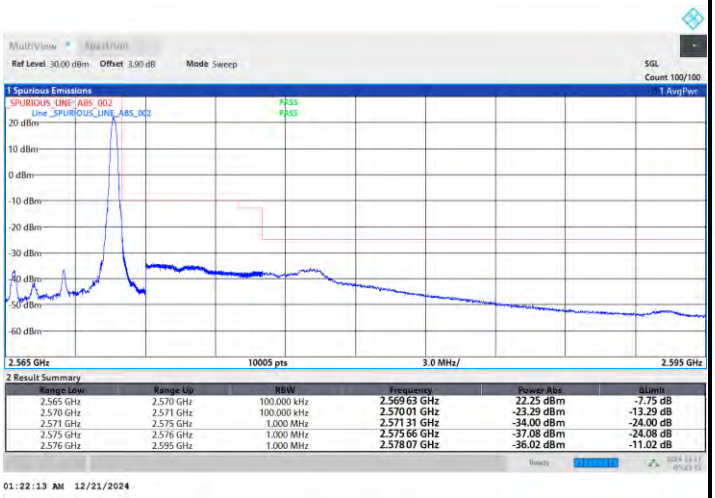
FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.491 77 GHz	-38.57 dBm	-13.57 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 37 GHz	-38.51 dBm	-25.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 30 GHz	-28.71 dBm	-18.71 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.499 99 GHz	-18.76 dBm	-8.76 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.500 33 GHz	21.95 dBm	-8.05 dB

Highest Band Edge / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.569 63 GHz	22.25 dBm	-7.75 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 01 GHz	-23.29 dBm	-13.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 31 GHz	-34.00 dBm	-24.00 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 66 GHz	-37.08 dBm	-24.08 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.578 07 GHz	-36.02 dBm	-11.02 dB

Lowest Band Edge / Full RB

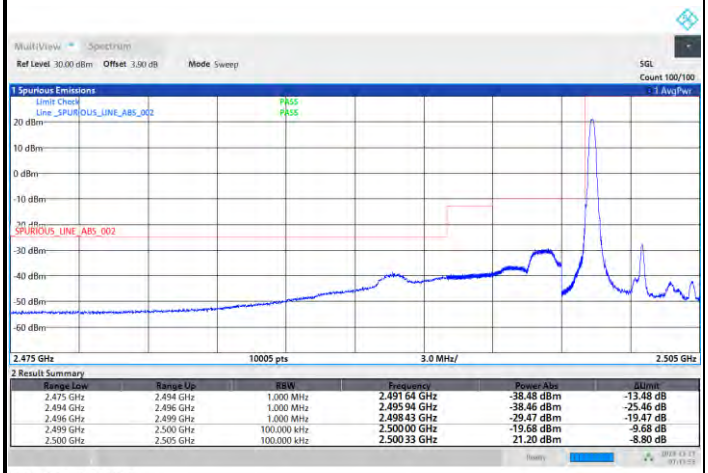
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.494 00 GHz	-39.86 dBm	-14.86 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 87 GHz	-35.77 dBm	-22.77 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 24 GHz	-24.90 dBm	-14.90 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.499 96 GHz	-20.08 dBm	-10.08 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.503 80 GHz	8.59 dBm	-21.41 dB

Highest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.565 63 GHz	8.12 dBm	-21.88 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 01 GHz	-19.92 dBm	-9.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 86 GHz	-24.27 dBm	-14.27 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 09 GHz	-36.86 dBm	-23.86 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.576 09 GHz	-38.22 dBm	-13.22 dB

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

Lowest Band Edge / 1RB0



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.491 64 GHz	-38.48 dBm	-13.48 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 94 GHz	-38.46 dBm	-25.46 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 43 GHz	-29.47 dBm	-19.47 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.500 00 GHz	-19.68 dBm	-9.68 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.500 33 GHz	21.20 dBm	-8.80 dB

01:15:55 AM 12/21/2024

Highest Band Edge / 1RBmax

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.569 64 GHz	21.08 dBm	-8.92 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-23.00 dBm	-13.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 70 GHz	-34.28 dBm	-24.28 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 89 GHz	-37.34 dBm	-24.34 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.578 07 GHz	-36.61 dBm	-11.61 dB

01:22:46 AM 12/21/2024

Lowest Band Edge / Full RB

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.493 84 GHz	-39.76 dBm	-14.76 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 88 GHz	-33.77 dBm	-20.77 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 95 GHz	-25.03 dBm	-15.03 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.499 99 GHz	-20.96 dBm	-10.96 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.504 02 GHz	7.47 dBm	-22.53 dB

01:16:29 AM 12/21/2024

Highest Band Edge / Full RB

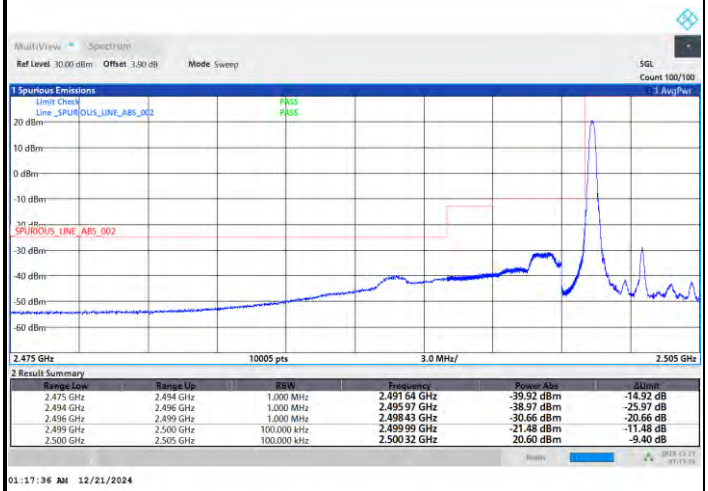
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.569 60 GHz	7.70 dBm	-22.30 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-19.95 dBm	-9.95 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 02 GHz	-23.34 dBm	-13.34 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 06 GHz	-35.68 dBm	-22.68 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.576 02 GHz	-37.53 dBm	-12.53 dB

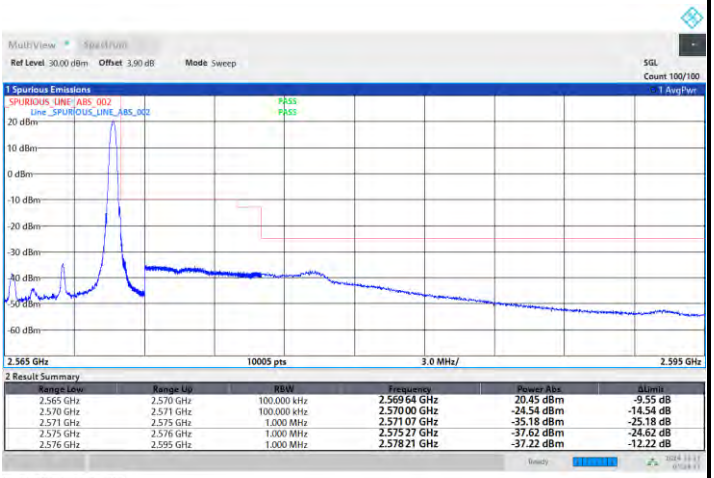
01:23:20 AM 12/21/2024

FR1 n7 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax

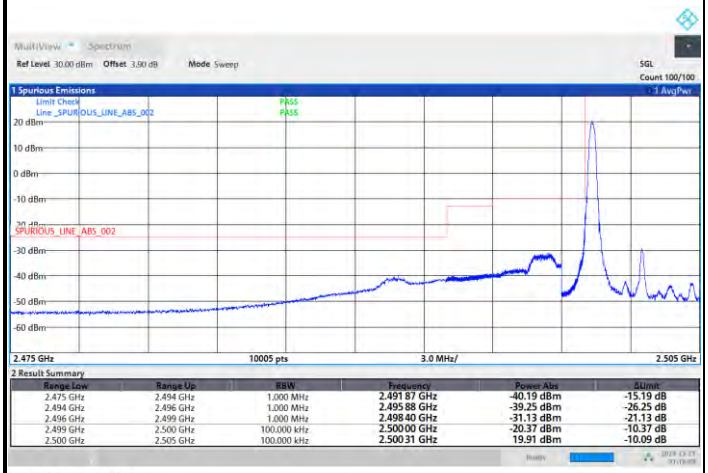


Lowest Band Edge / Full RB

Highest Band Edge / Full RB

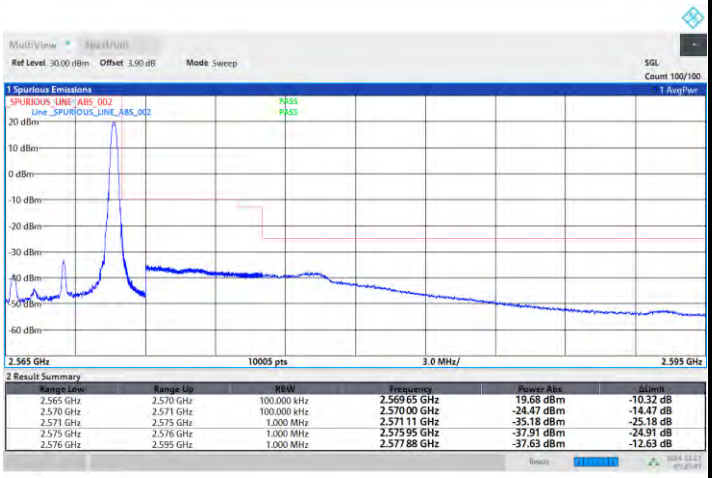
FR1 n7 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.491 87 GHz	-40.19 dBm	-15.19 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 88 GHz	-39.25 dBm	-26.25 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 40 GHz	-31.13 dBm	-21.13 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.500 00 GHz	-20.37 dBm	-10.37 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.500 31 GHz	19.91 dBm	-10.09 dB

Highest Band Edge / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.569 65 GHz	19.68 dBm	-10.32 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-24.47 dBm	-14.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 11 GHz	-35.18 dBm	-25.18 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 95 GHz	-37.91 dBm	-24.91 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.577 88 GHz	-37.63 dBm	-12.63 dB

Lowest Band Edge / Full RB

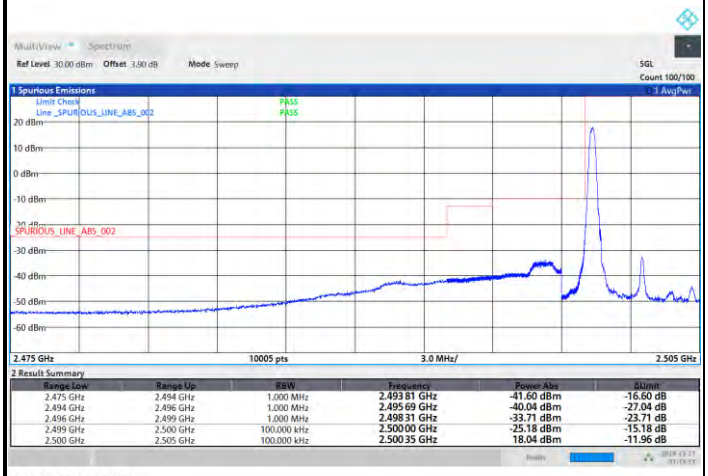
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.493 85 GHz	-38.92 dBm	-13.92 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 99 GHz	-34.69 dBm	-21.69 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 99 GHz	-25.15 dBm	-15.15 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.499 98 GHz	-20.62 dBm	-10.62 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.501 90 GHz	7.41 dBm	-22.59 dB

Highest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.568 58 GHz	7.32 dBm	-22.68 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-20.40 dBm	-10.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 00 GHz	-23.41 dBm	-13.41 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 07 GHz	-35.59 dBm	-22.59 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.576 98 GHz	-37.66 dBm	-12.66 dB

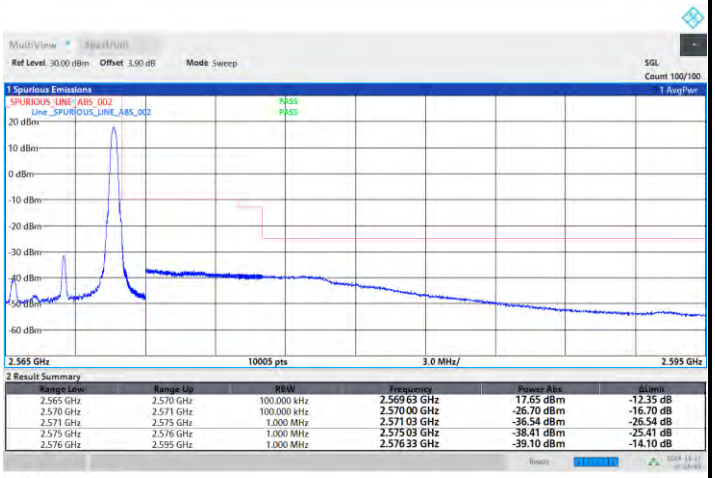
FR1 n7 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.493 81 GHz	-41.60 dBm	-16.60 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 69 GHz	-40.04 dBm	-27.04 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 31 GHz	-33.71 dBm	-23.71 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.500 00 GHz	-25.18 dBm	-15.18 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.500 35 GHz	18.04 dBm	-11.96 dB

Highest Band Edge / 1RBmax

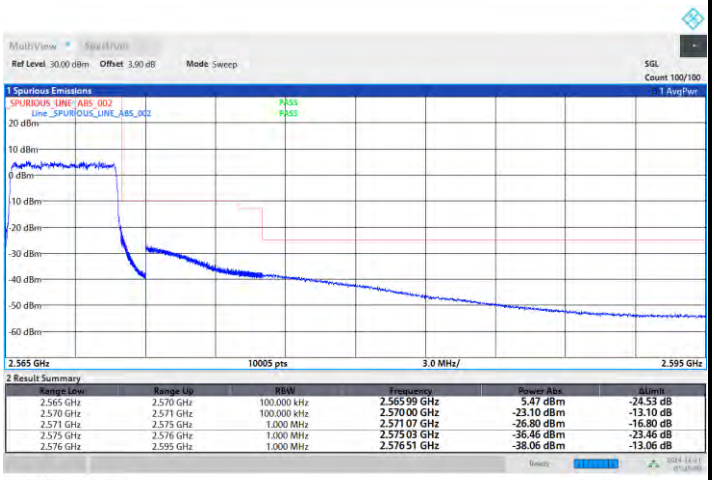


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.569 63 GHz	-17.65 dBm	-12.35 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-26.70 dBm	-16.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 03 GHz	-36.54 dBm	-26.54 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 03 GHz	-38.41 dBm	-25.41 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.576 33 GHz	-39.10 dBm	-14.10 dB

Lowest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.493 86 GHz	-41.08 dBm	-16.08 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.495 82 GHz	-36.49 dBm	-23.49 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 99 GHz	-28.10 dBm	-18.10 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.500 00 GHz	-22.64 dBm	-12.64 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.503 66 GHz	5.13 dBm	-24.87 dB

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.565 99 GHz	5.47 dBm	-24.53 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.570 00 GHz	-23.10 dBm	-13.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 07 GHz	-26.80 dBm	-16.80 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.575 03 GHz	-36.46 dBm	-23.46 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.576 51 GHz	-38.06 dBm	-13.06 dB

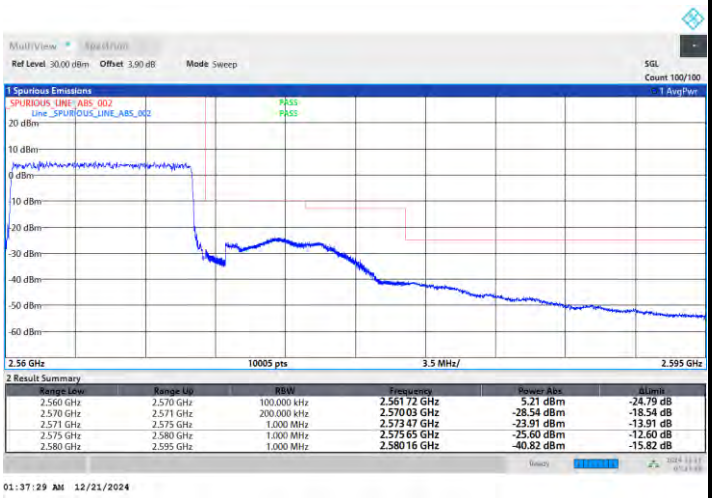
FR1 n7 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

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

Lowest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.489 51 GHz	-40.67 dBm	-15.67 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.495 95 GHz	-20.37 dBm	-7.37 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.496 17 GHz	-20.16 dBm	-10.16 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.499 99 GHz	-20.24 dBm	-10.24 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.505 16 GHz	5.19 dBm	-24.81 dB

Highest Band Edge / Full RB



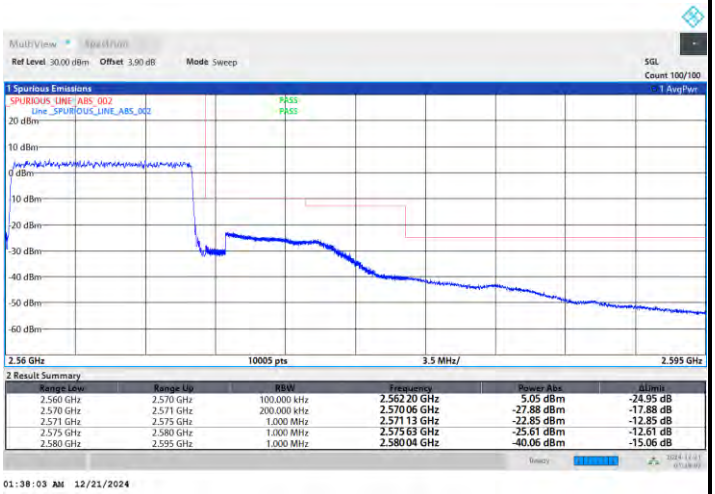
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.561 72 GHz	5.21 dBm	-24.79 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.570 03 GHz	-28.54 dBm	-18.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.573 47 GHz	-23.91 dBm	-13.91 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.575 65 GHz	-25.60 dBm	-12.60 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.580 16 GHz	-40.82 dBm	-15.82 dB

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

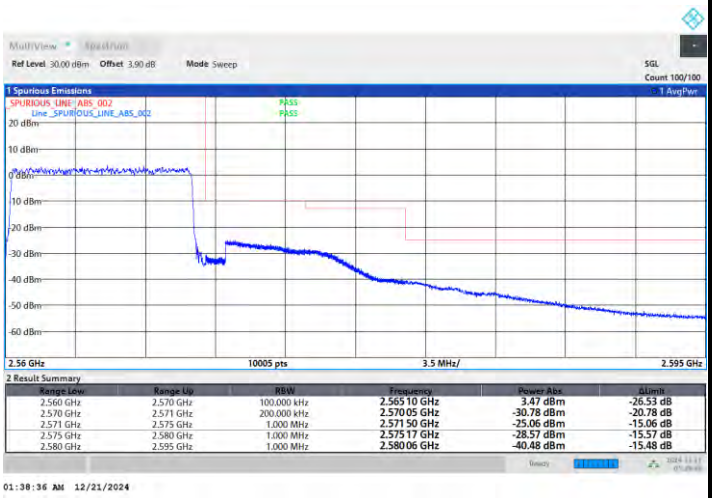
Lowest Band Edge / Full RB

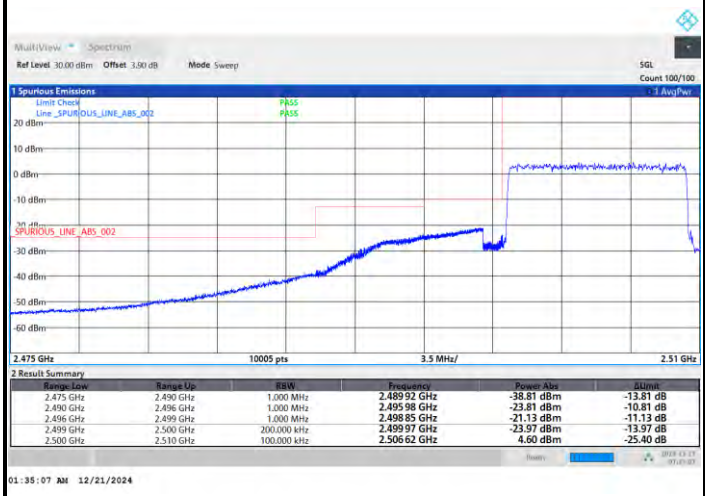
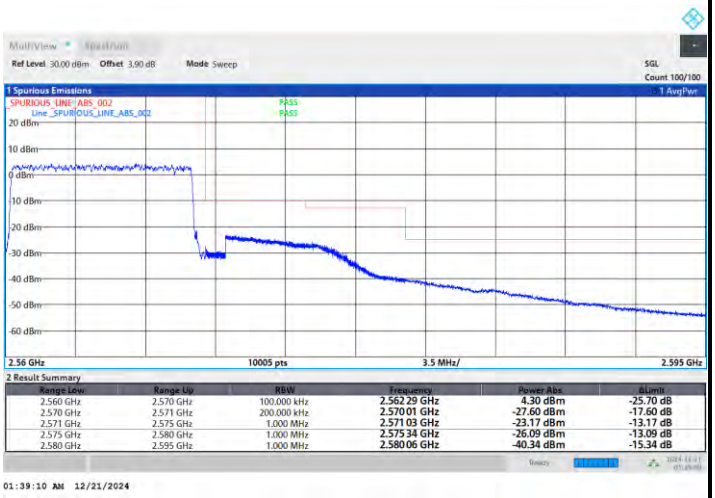
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 49 GHz	-39.35 dBm	-14.35 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.495 98 GHz	-23.28 dBm	-10.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 97 GHz	-20.34 dBm	-10.34 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.499 99 GHz	-20.97 dBm	-10.97 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.504 20 GHz	4.81 dBm	-25.19 dB

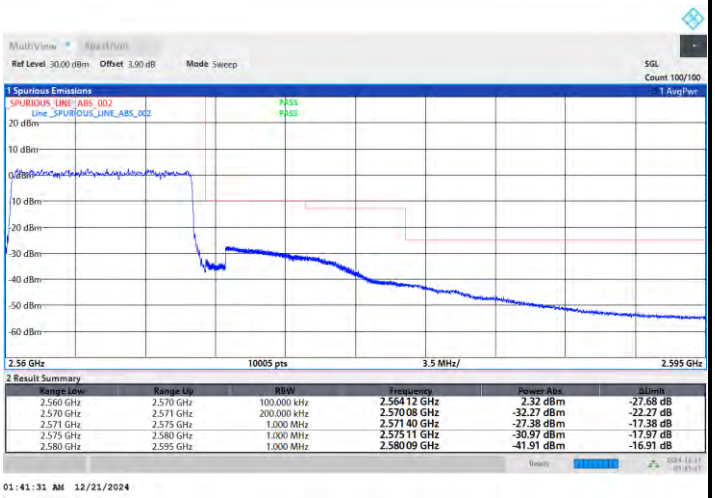
Highest Band Edge / Full RB

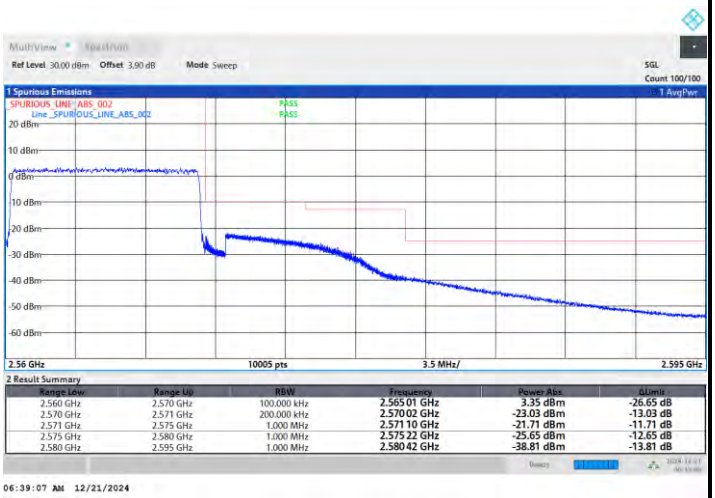


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.562 20 GHz	5.05 dBm	-24.95 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.570 06 GHz	-27.88 dBm	-17.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 13 GHz	-22.85 dBm	-12.85 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.575 63 GHz	-25.61 dBm	-12.61 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.580 04 GHz	-40.06 dBm	-15.06 dB

FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 10MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 31 GHz	-26.61 dBm	-1.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.493 93 GHz	-20.92 dBm	-7.92 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.499 00 GHz	-21.50 dBm	-11.50 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.499 99 GHz	-19.14 dBm	-9.14 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.511 59 GHz	3.78 dBm	-26.22 dB

01:44:56 AM 12/21/2024

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.560 18 GHz	3.37 dBm	-26.63 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.570 08 GHz	-26.11 dBm	-16.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.574 89 GHz	-22.40 dBm	-12.40 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.575 66 GHz	-22.12 dBm	-9.12 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.587 23 GHz	-41.92 dBm	-16.92 dB

01:48:18 AM 12/21/2024

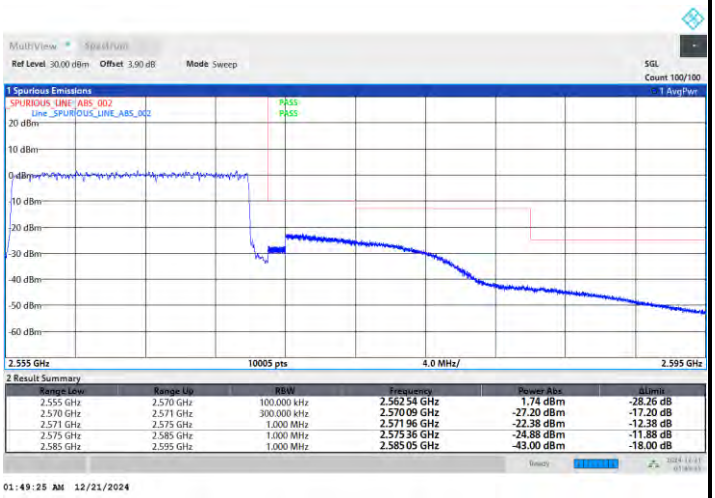
FR1 n7 / 15MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 43 GHz	-26.62 dBm	-1.62 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.495 91 GHz	-21.66 dBm	-8.66 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 98 GHz	-19.40 dBm	-9.40 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.499 94 GHz	-19.77 dBm	-9.77 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.504 17 GHz	3.19 dBm	-26.81 dB

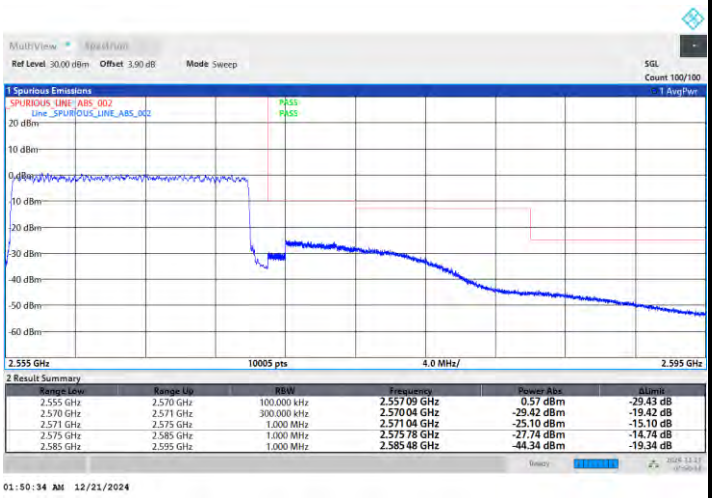
01:44:23 AM 12/21/2024

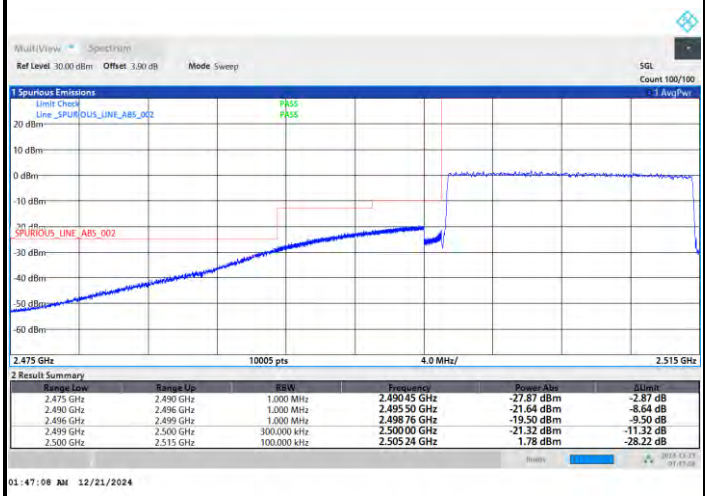
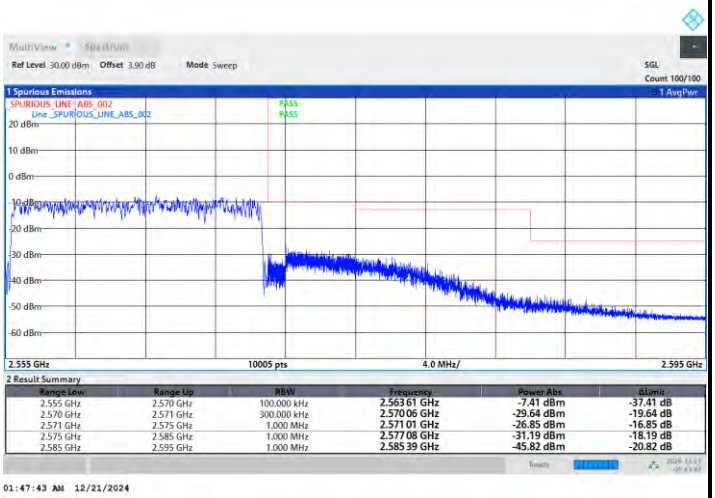
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.564 99 GHz	2.89 dBm	-27.11 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.570 06 GHz	-24.53 dBm	-14.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 08 GHz	-20.59 dBm	-10.59 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.575 30 GHz	-22.90 dBm	-9.90 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.585 44 GHz	-40.94 dBm	-15.94 dB

01:48:52 AM 12/21/2024

FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

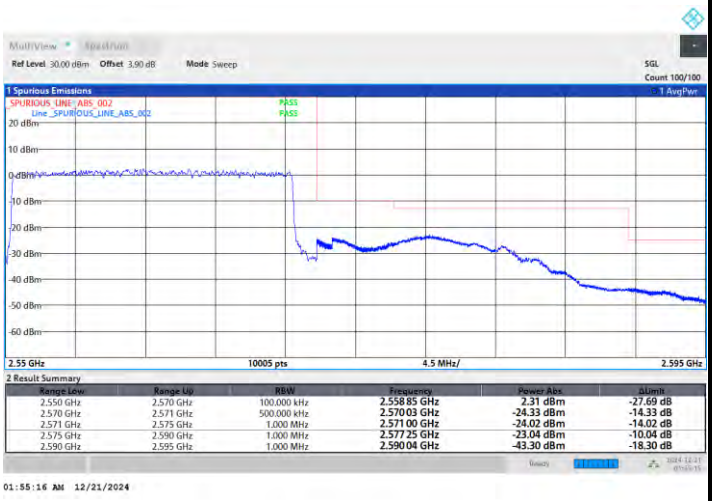
FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

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

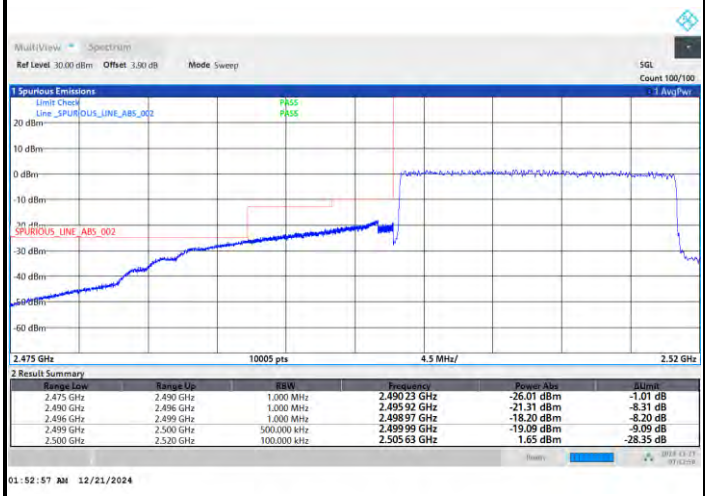
Lowest Band Edge / Full RB

Highest Band Edge / Full RB

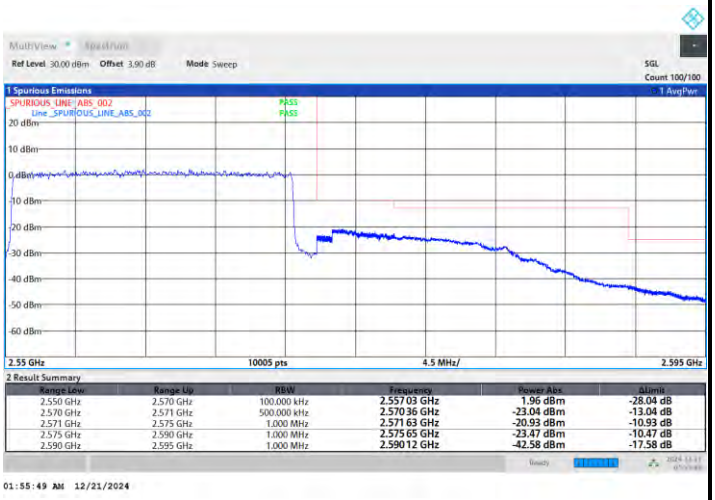


FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



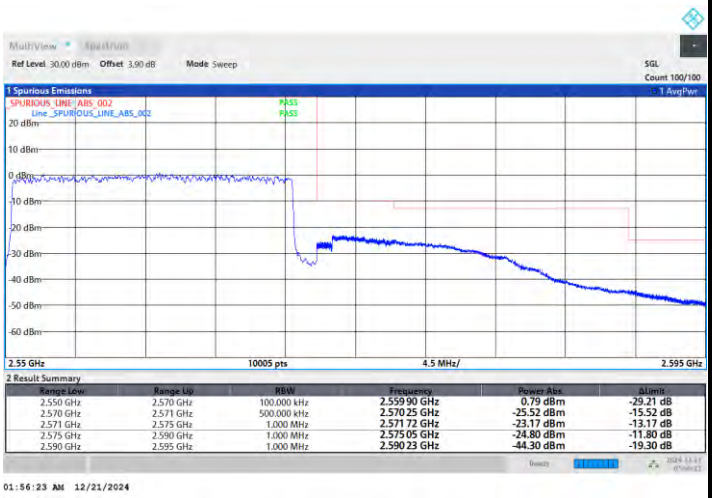
Highest Band Edge / Full RB



FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

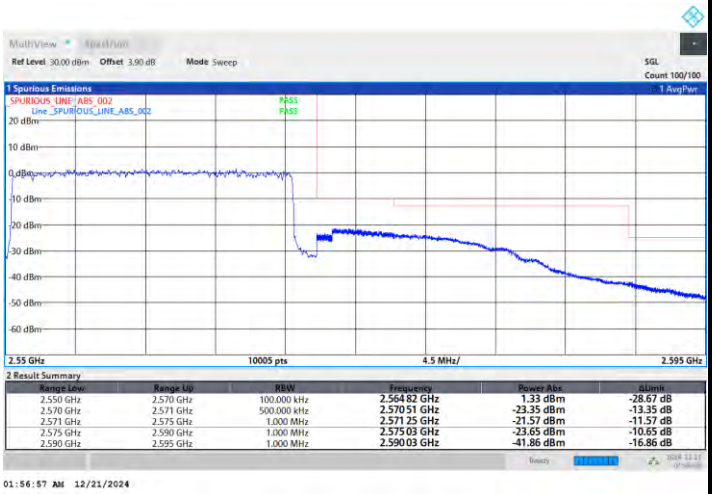
Highest Band Edge / Full RB

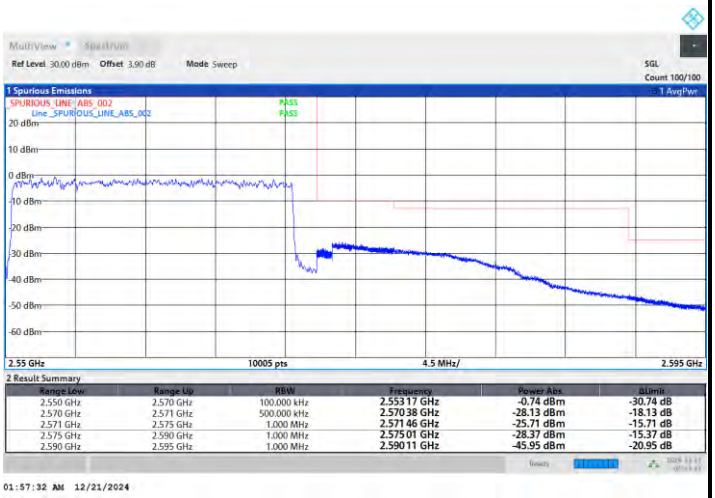


FR1 n7 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB

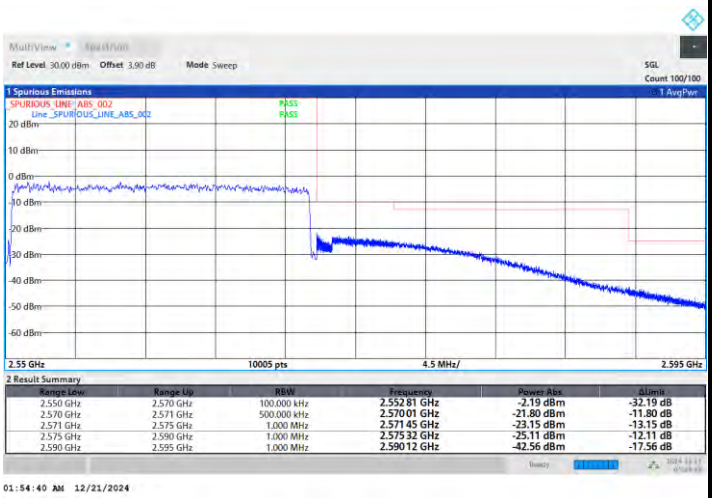
Highest Band Edge / Full RB



FR1 n7 / 20MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 48 GHz	-30.17 dBm	-5.17 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.495 97 GHz	-25.02 dBm	-12.02 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 90 GHz	-22.32 dBm	-12.32 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.500 00 GHz	-21.14 dBm	-11.14 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.503 33 GHz	-0.65 dBm	-30.65 dB

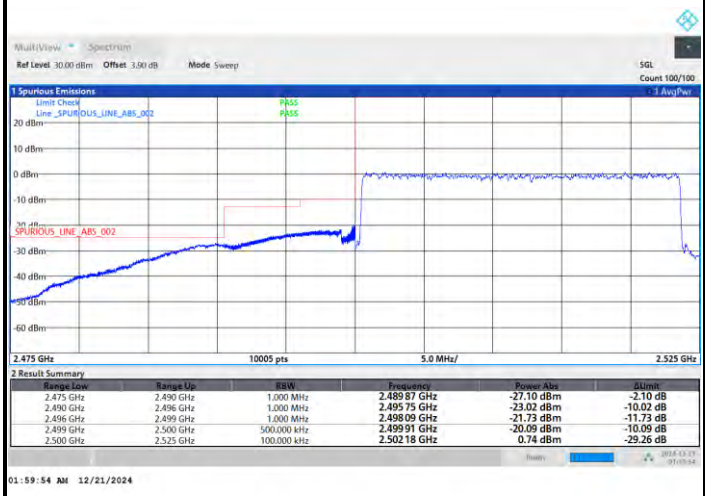
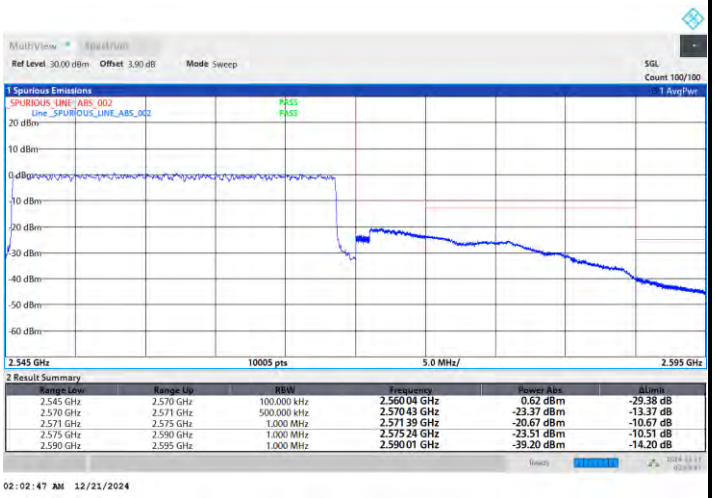
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.553 17 GHz	-0.74 dBm	-30.74 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.570 38 GHz	-28.13 dBm	-18.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 46 GHz	-25.71 dBm	-15.71 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.575 01 GHz	-28.37 dBm	-15.37 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.590 11 GHz	-45.95 dBm	-20.95 dB

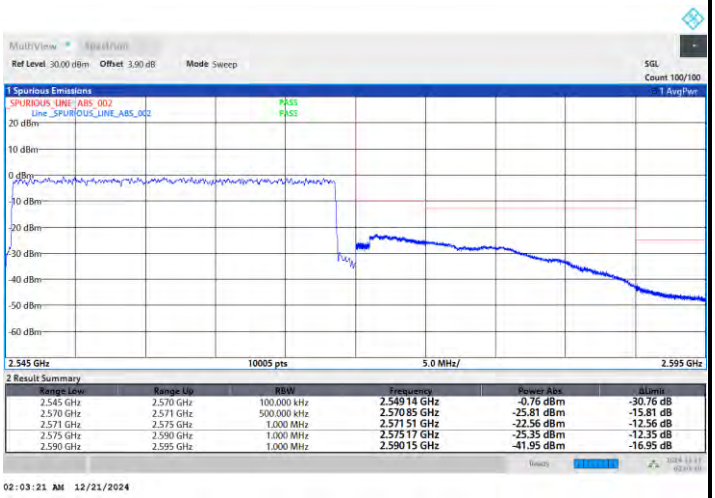
FR1 n7 / 20MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

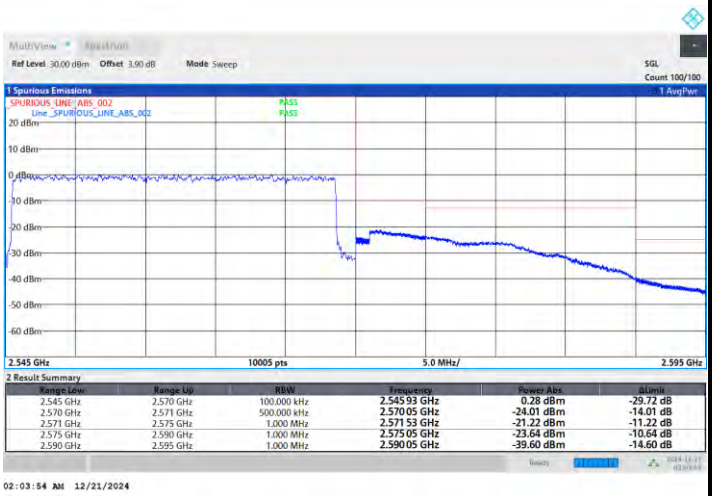
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 37 GHz	-26.63 dBm	-1.63 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.495 91 GHz	-21.41 dBm	-8.41 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.498 71 GHz	-19.96 dBm	-9.96 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.500 00 GHz	-18.37 dBm	-8.37 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.507 24 GHz	0.26 dBm	-29.74 dB

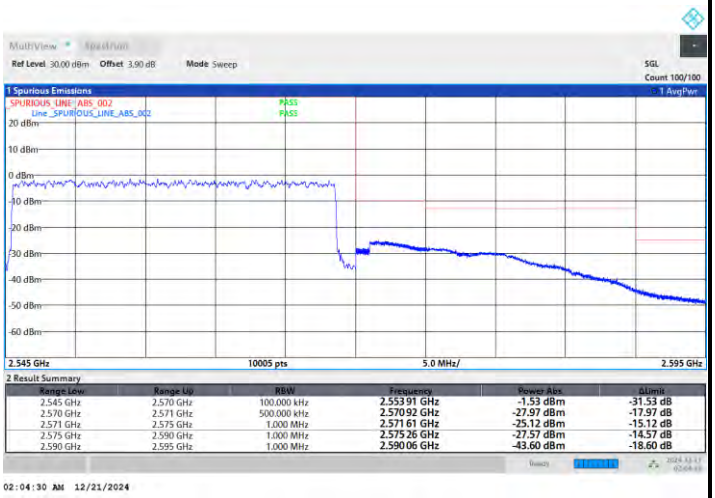
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.552 81 GHz	-2.19 dBm	-32.19 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.570 01 GHz	-21.80 dBm	-11.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.571 45 GHz	-23.15 dBm	-13.15 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.575 32 GHz	-25.11 dBm	-12.11 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.590 12 GHz	-42.56 dBm	-17.56 dB

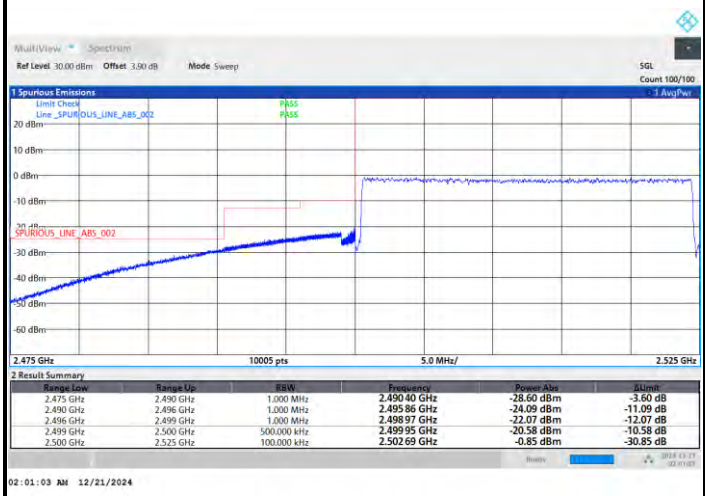
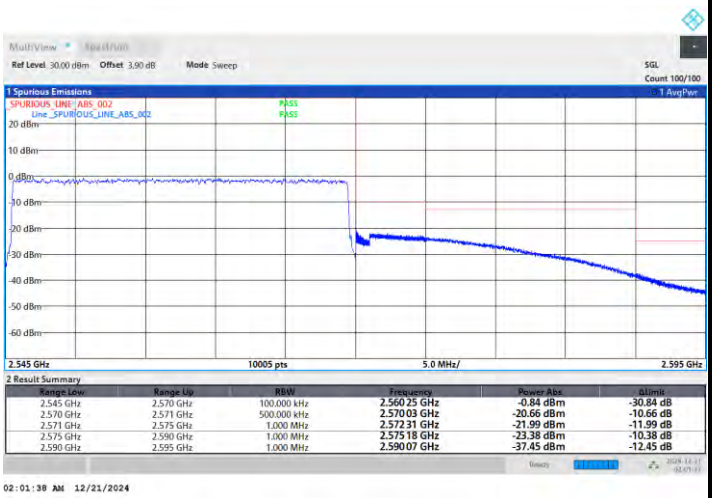
FR1 n7 / 25MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

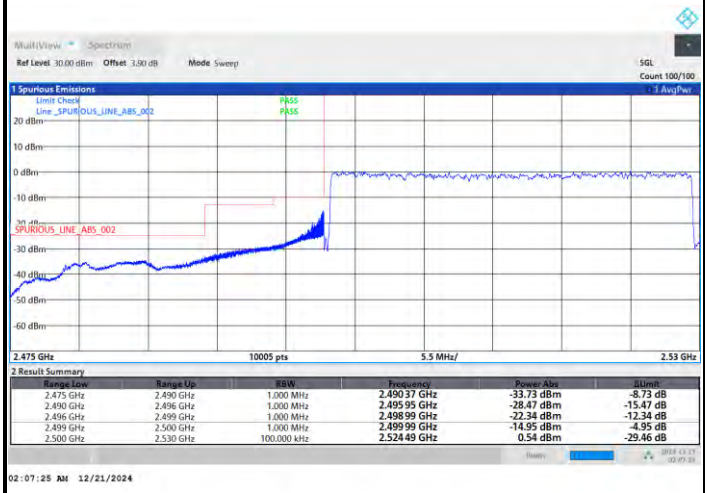
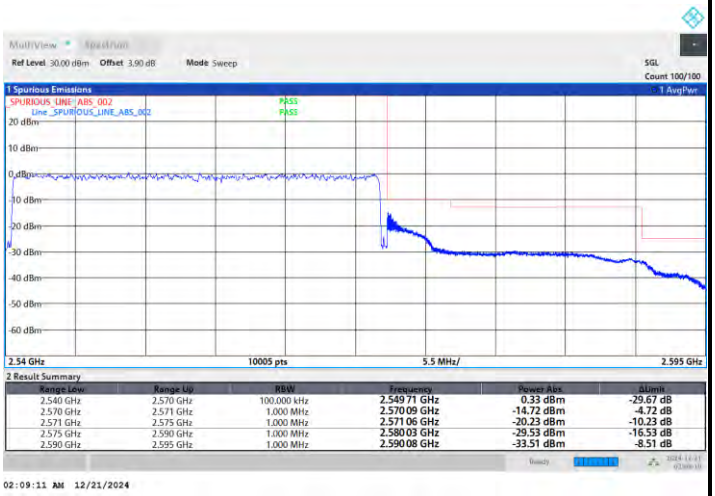
FR1 n7 / 25MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

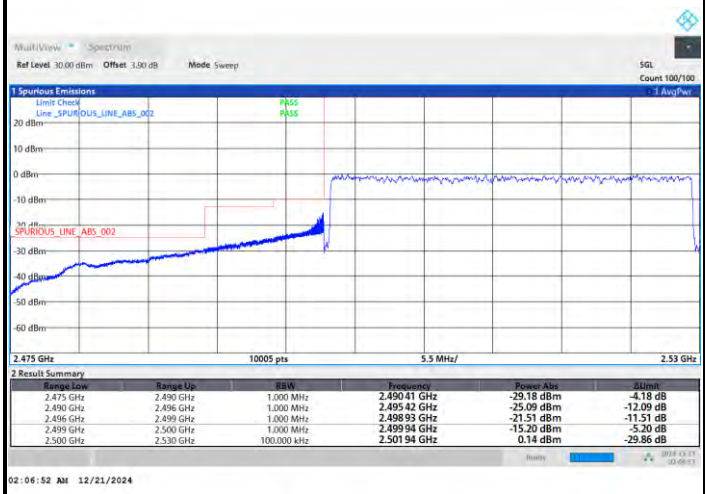
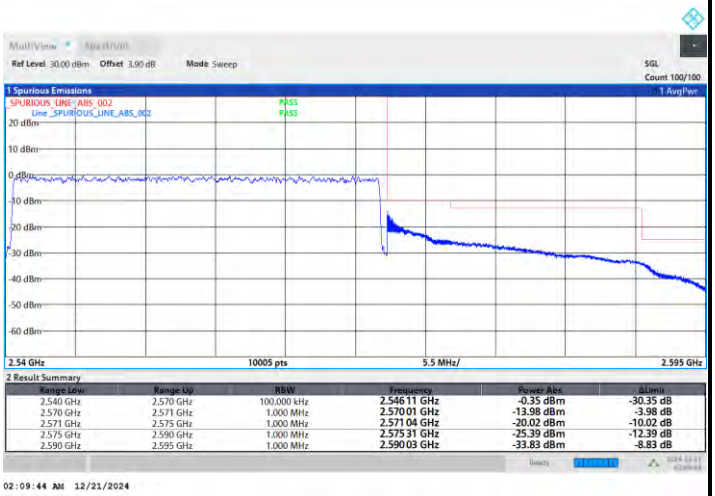
FR1 n7 / 25MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

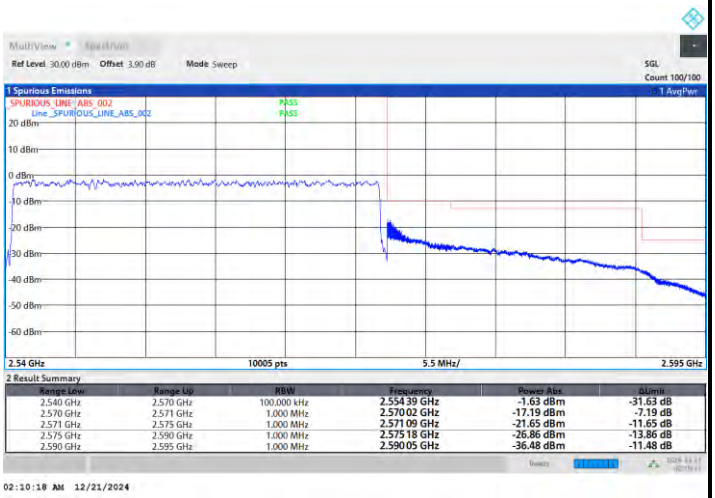
FR1 n7 / 25MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

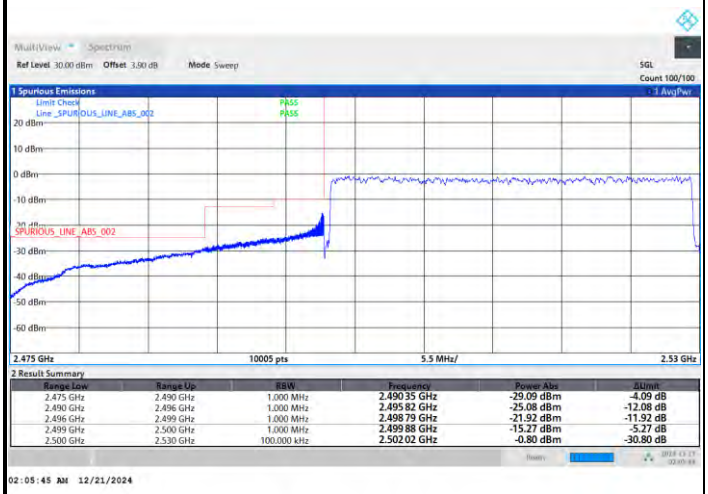
FR1 n7 / 25MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

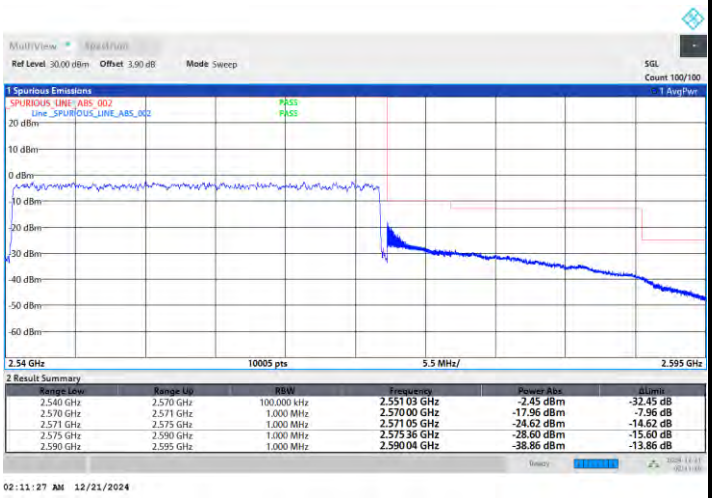
FR1 n7 / 25MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

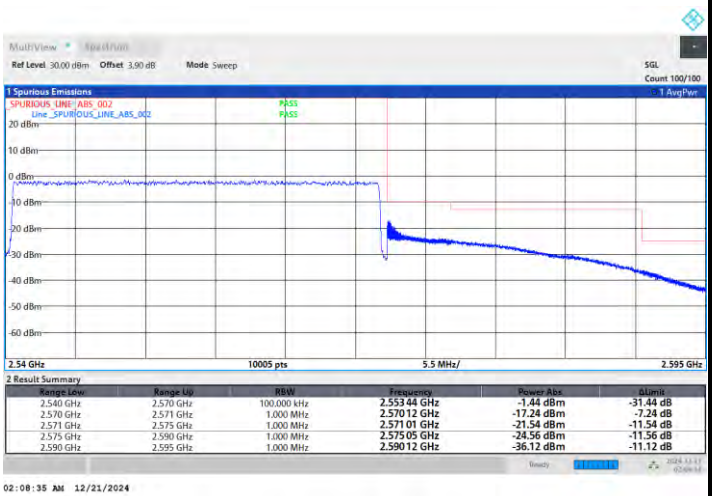
FR1 n7 / 30MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 30MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 30MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

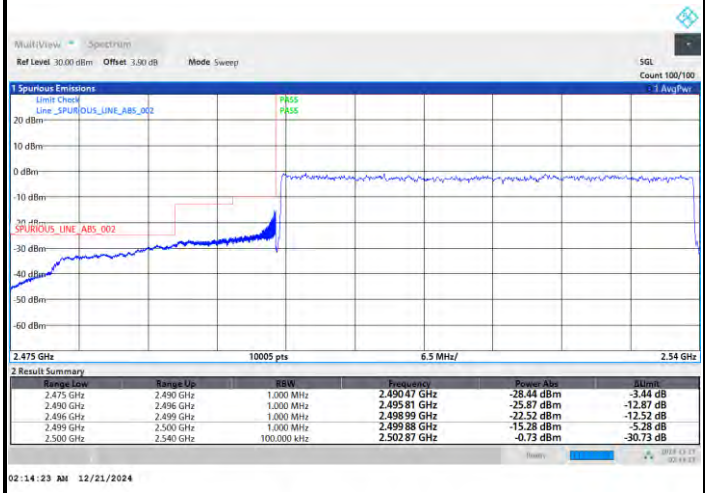
FR1 n7 / 30MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 30MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

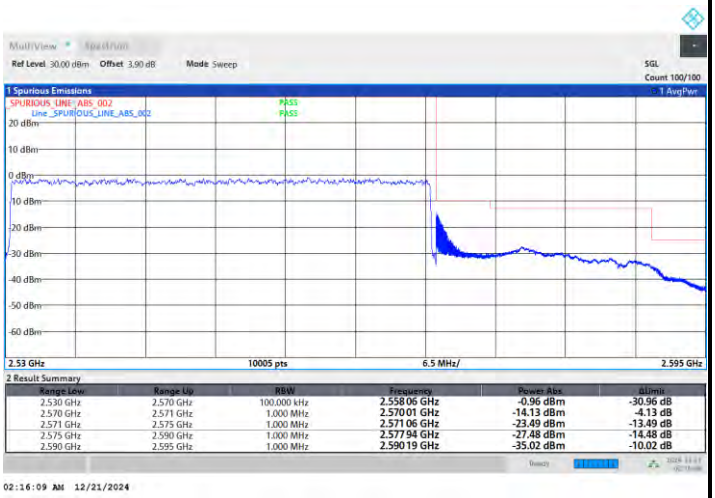
FR1 n7 / 30MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

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

Lowest Band Edge / Full RB

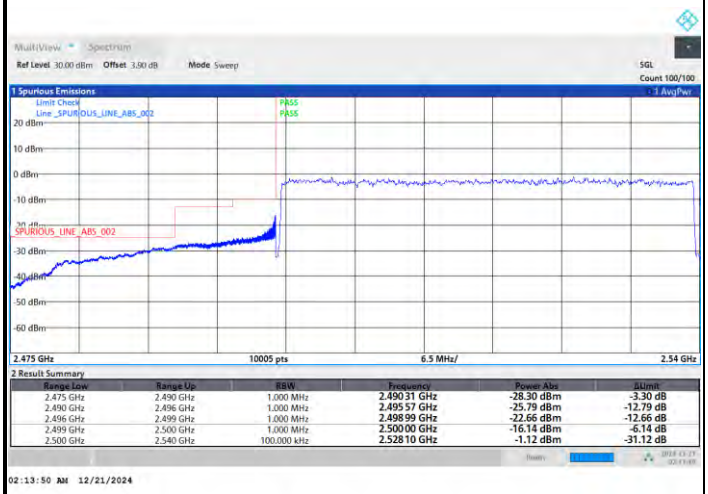


Highest Band Edge / Full RB

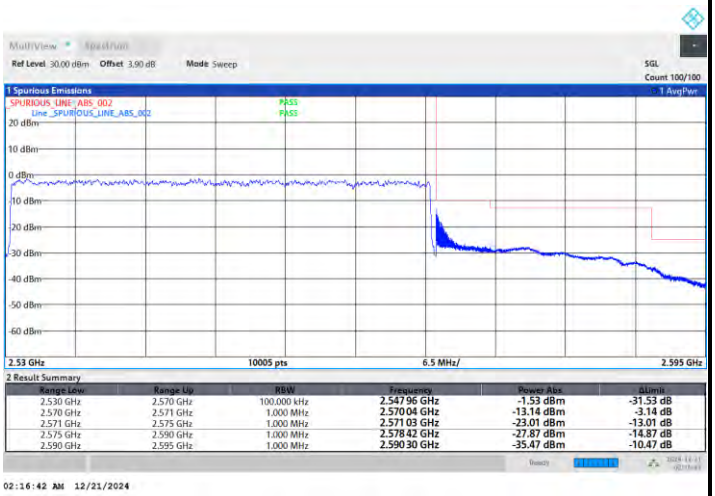


FR1 n7 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



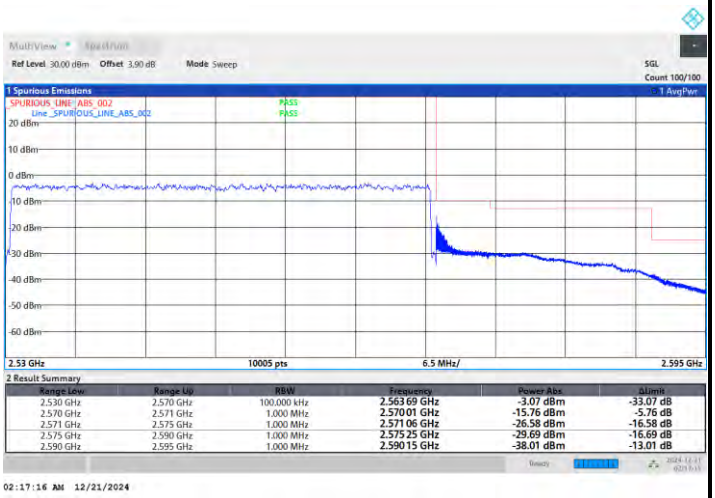
Highest Band Edge / Full RB



FR1 n7 / 40MHz / DFT-s-OFDM / 16QAM

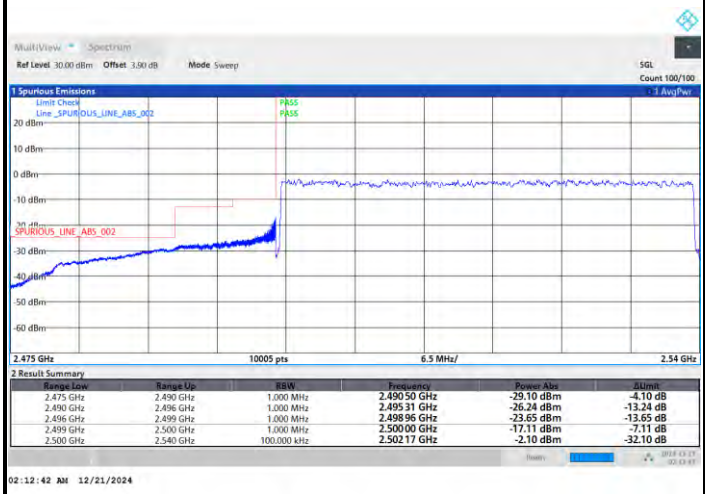
Lowest Band Edge / Full RB

Highest Band Edge / Full RB

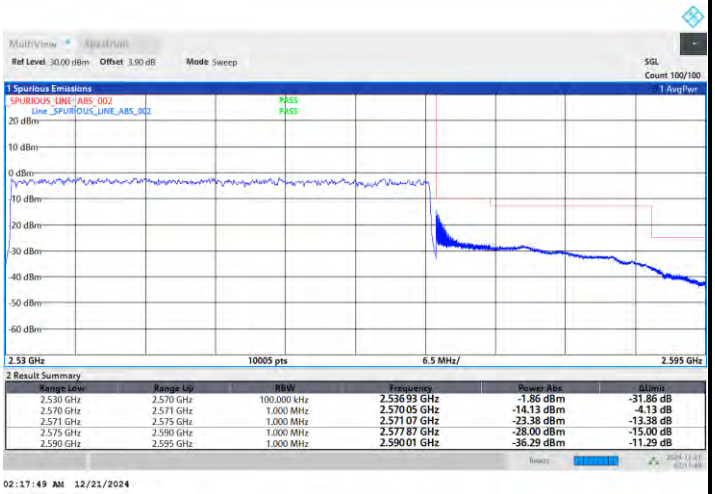


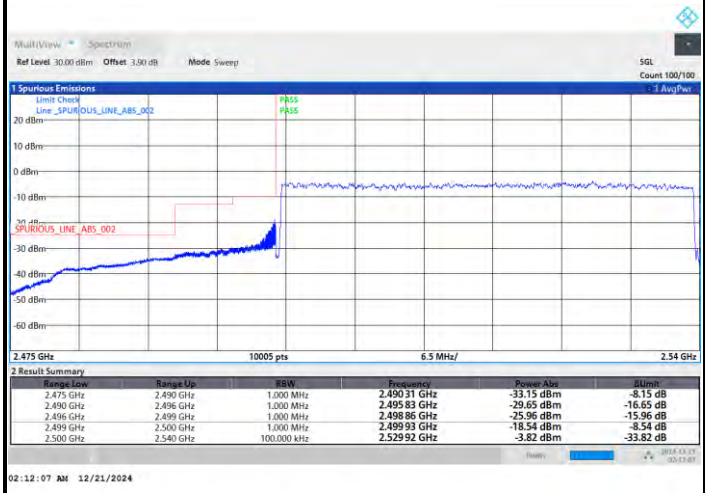
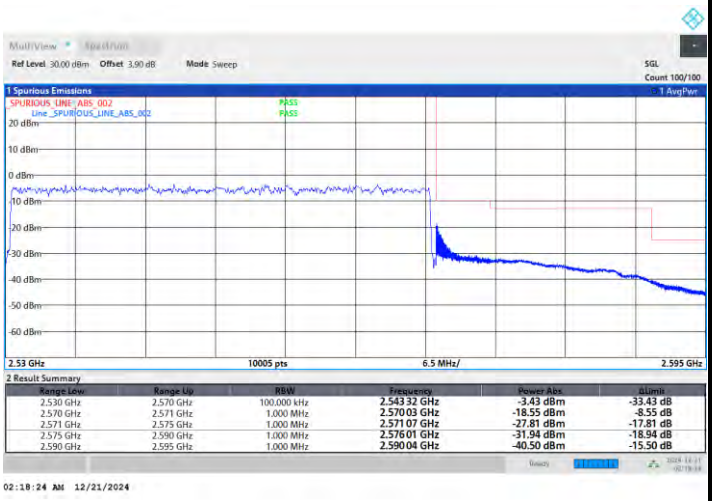
FR1 n7 / 40MHz / DFT-s-OFDM / 64QAM

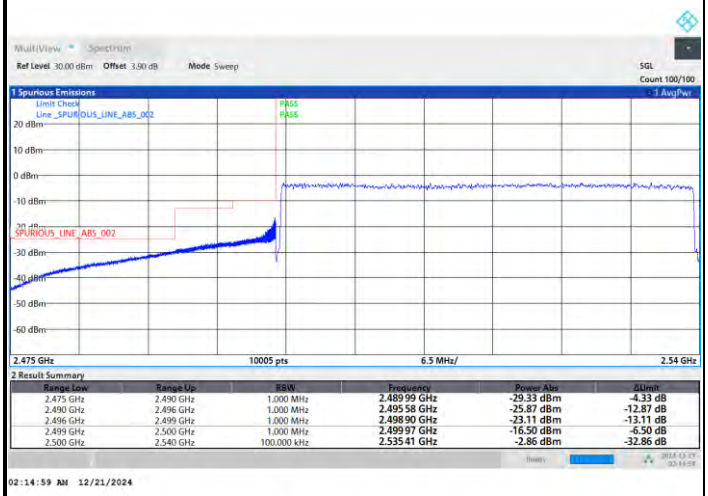
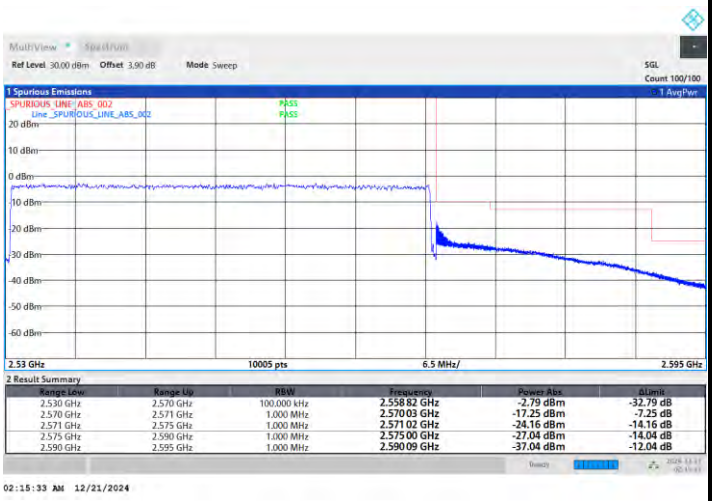
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n7 / 40MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 40MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

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

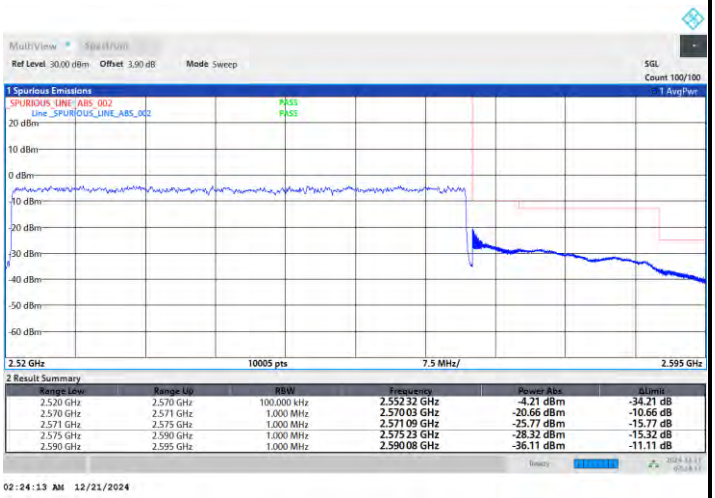
Lowest Band Edge / Full RB

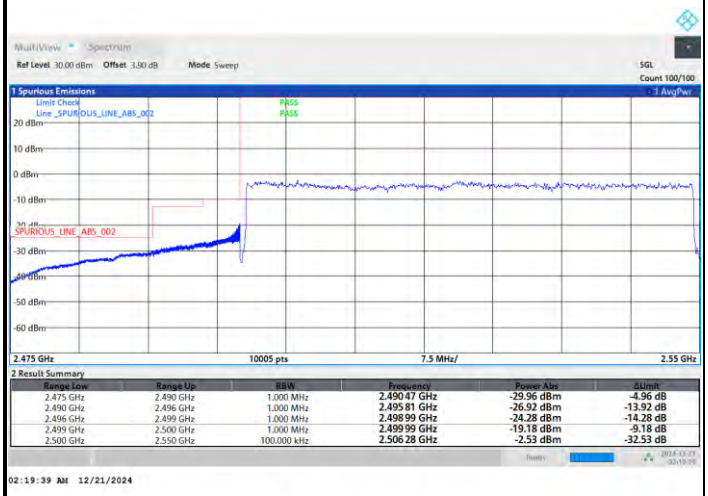
Highest Band Edge / Full RB

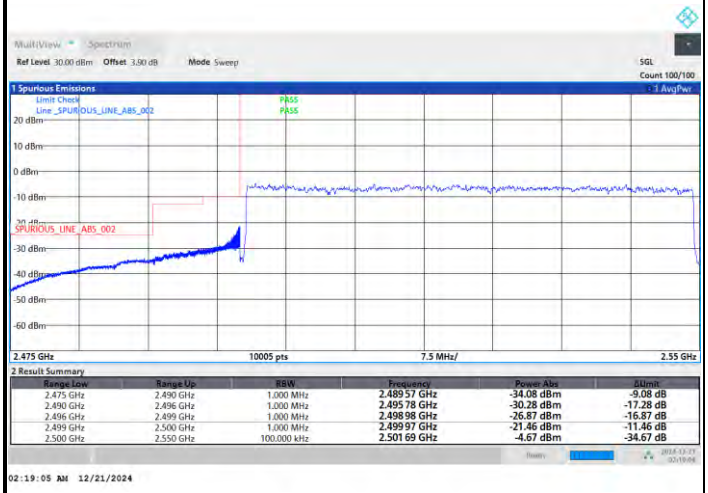
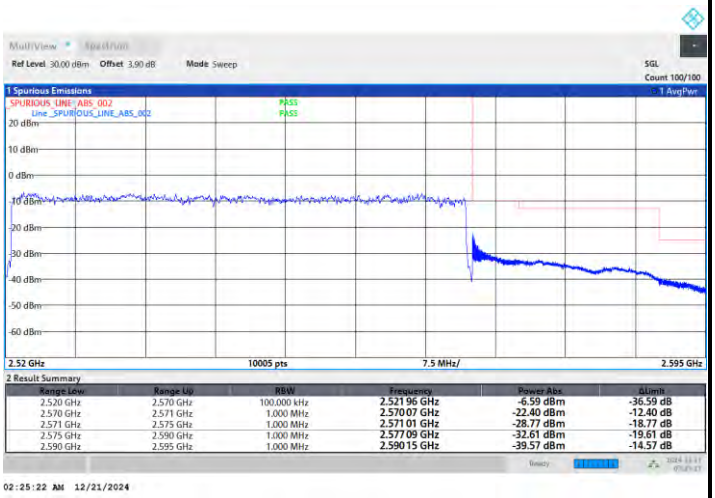
FR1 n7 / 50MHz / DFT-s-OFDM / QPSK

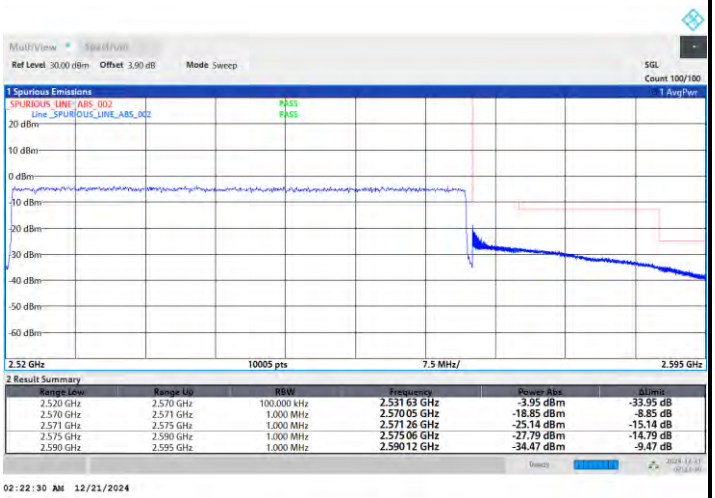
Lowest Band Edge / Full RB

Highest Band Edge / Full RB

FR1 n7 / 50MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 50MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

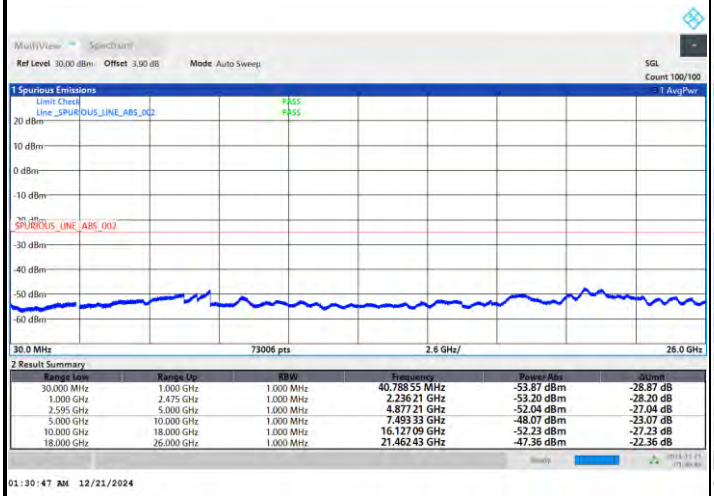
FR1 n7 / 50MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n7 / 50MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

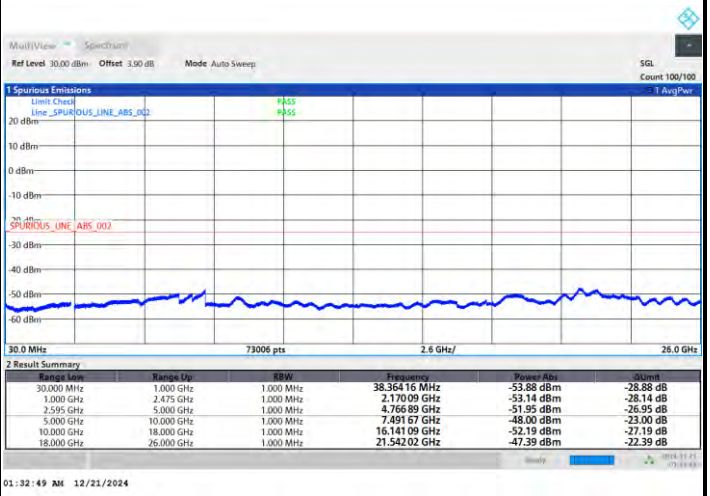
Conducted Spurious Emission

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

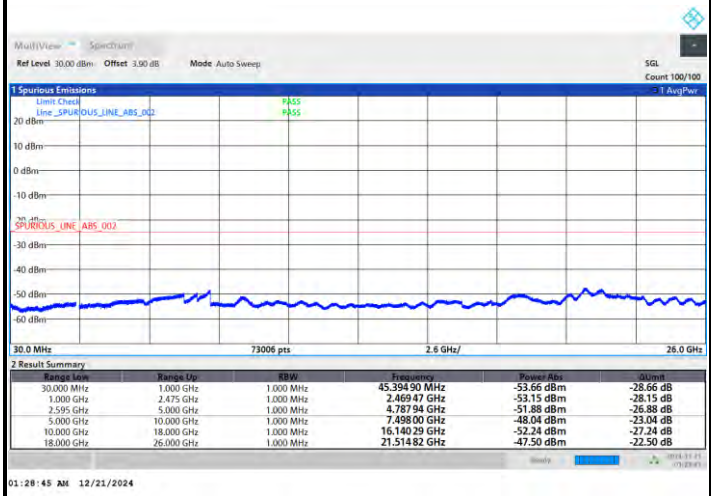
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n7 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0010	
20	Minimum Voltage	0.0019	

Note:

1. Normal Voltage = 3.9 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

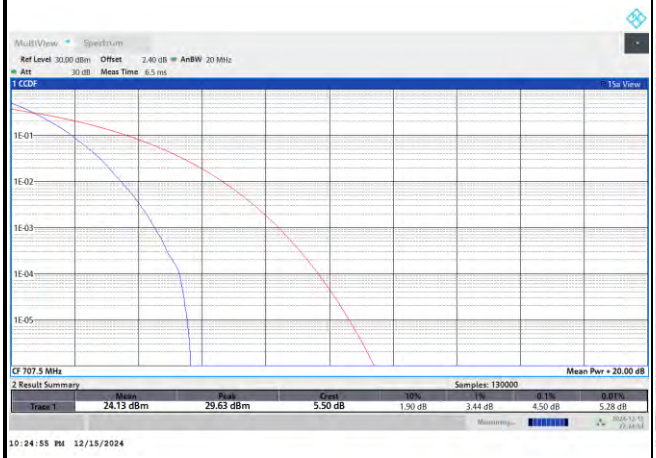
FR1 n12

Peak-to-Average Ratio

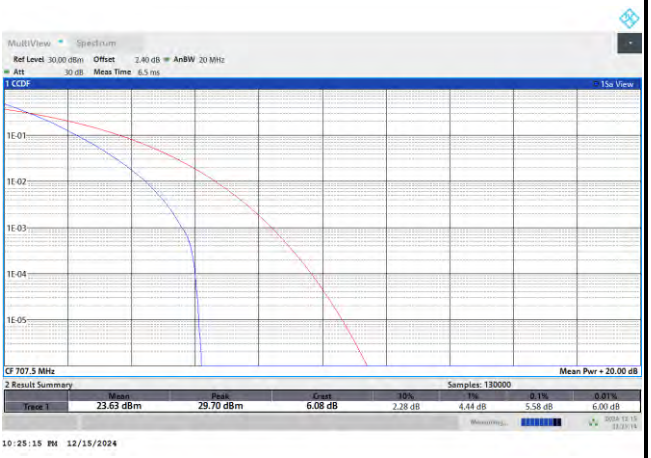
Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.50	5.58	6.34	6.58	PASS
Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.44				PASS

FR1 n12 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

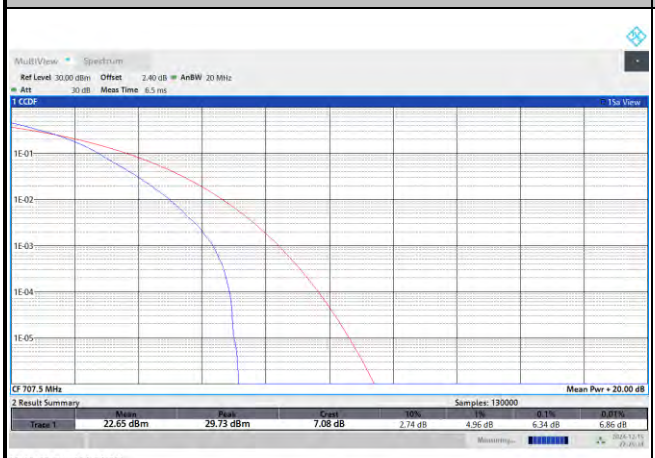
PI/2 BPSK



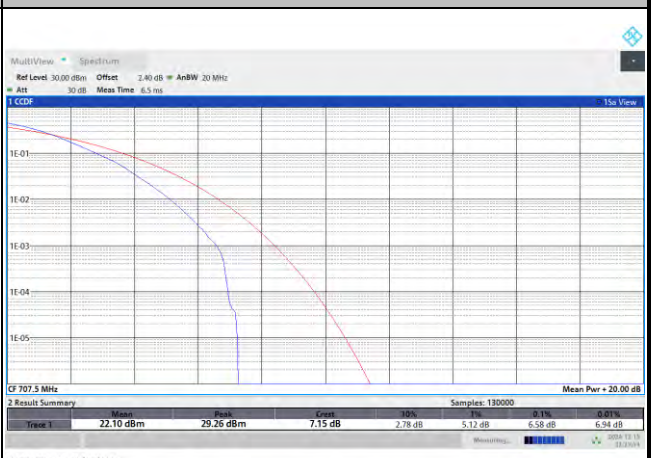
QPSK



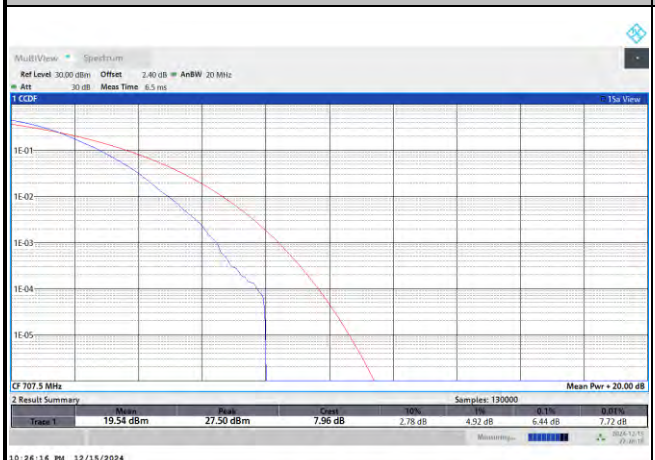
16QAM



64QAM



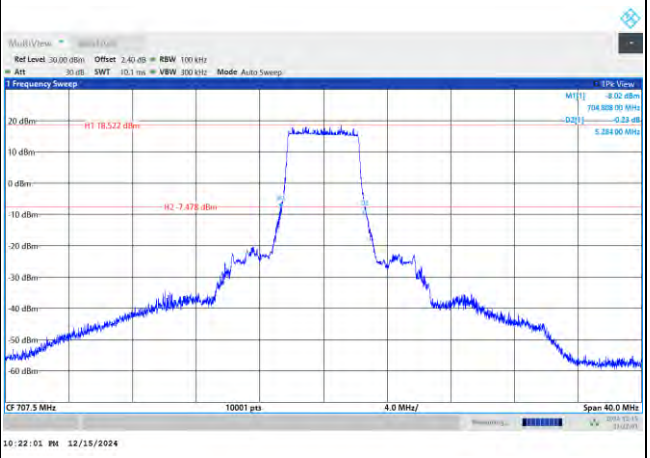
256QAM

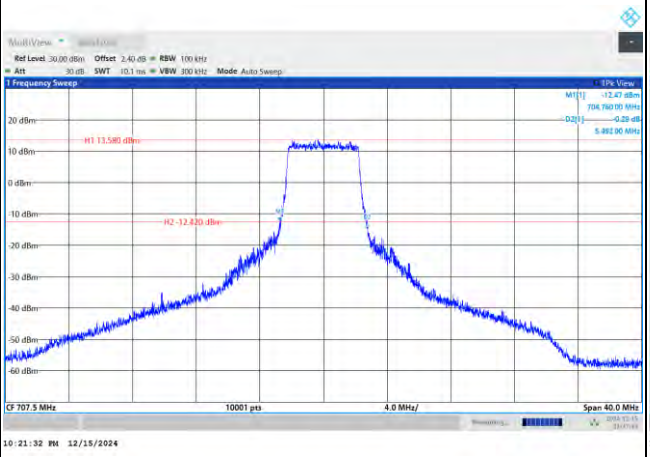
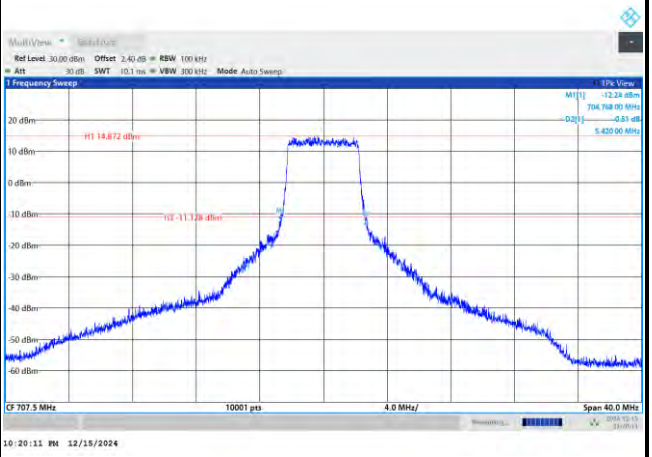
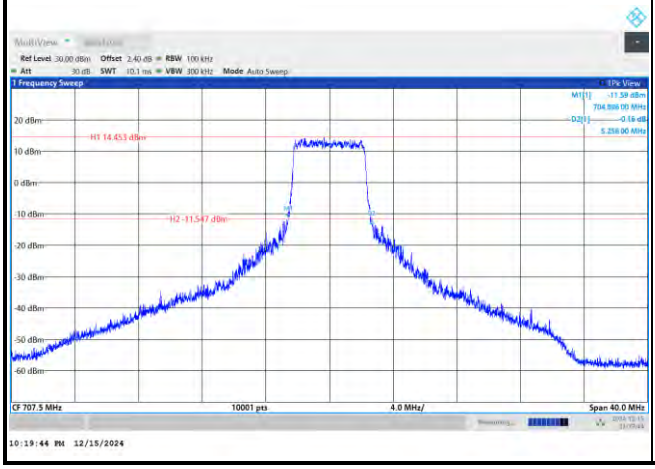
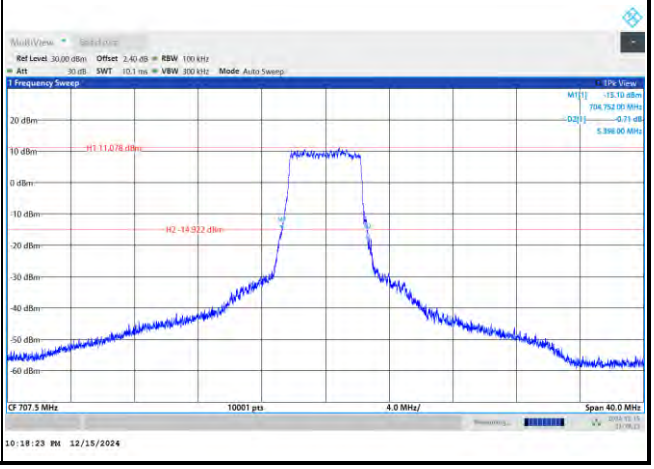


26dB Bandwidth

Mode	FR1 n12 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Middle CH	5.28		9.87		14.66			

Mode	FR1 n12 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	5.49	5.42	10.40	10.47	15.42	15.45		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	5.25	5.39	10.41	10.37	15.52	15.40		

FR1 n12 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n12 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM