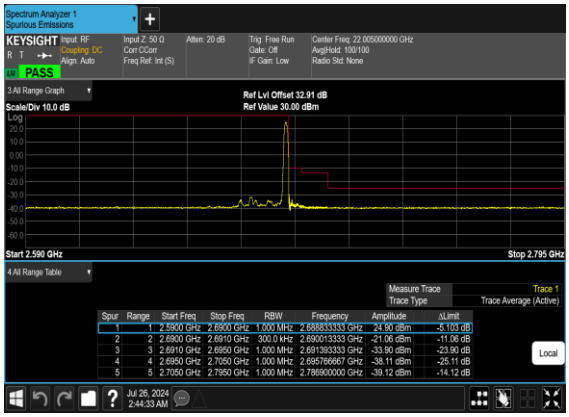
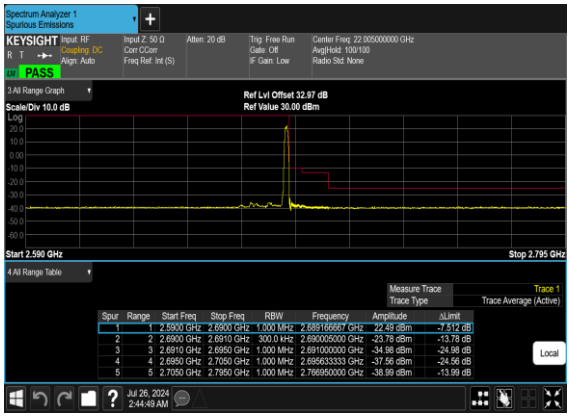
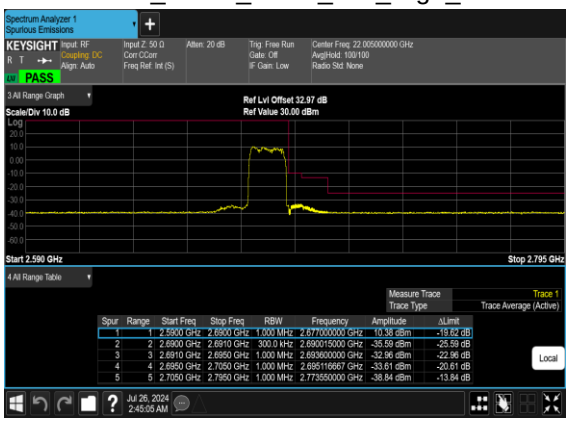
B66_N41(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



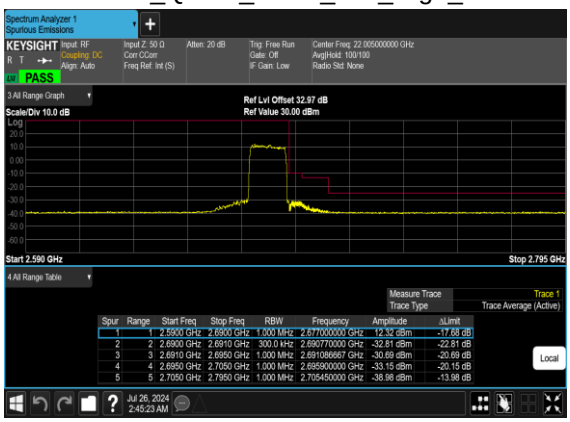
B66_N41(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



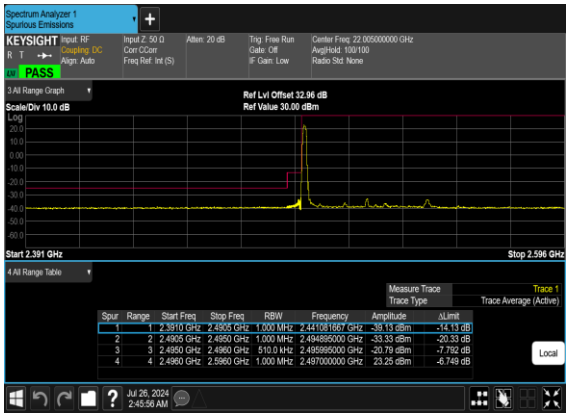
B66_N41(15M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



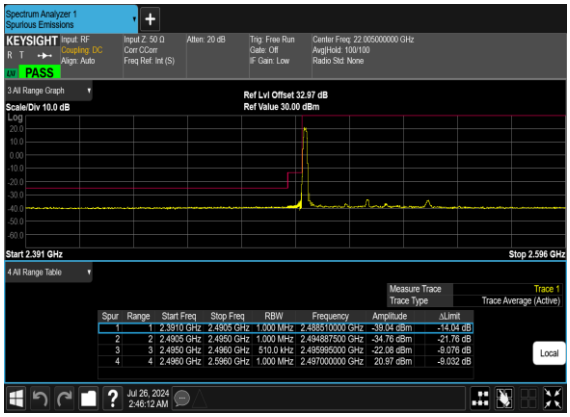
B66_N41(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



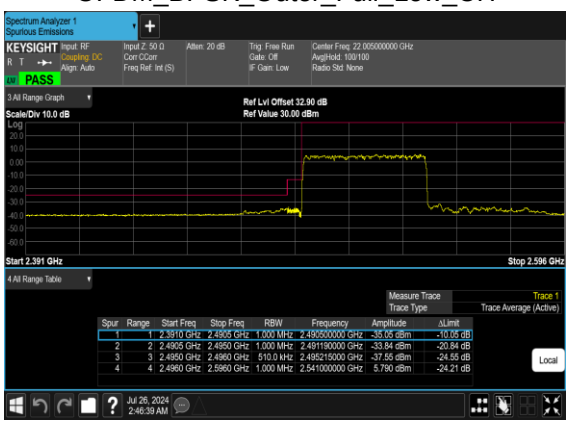
B66_N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



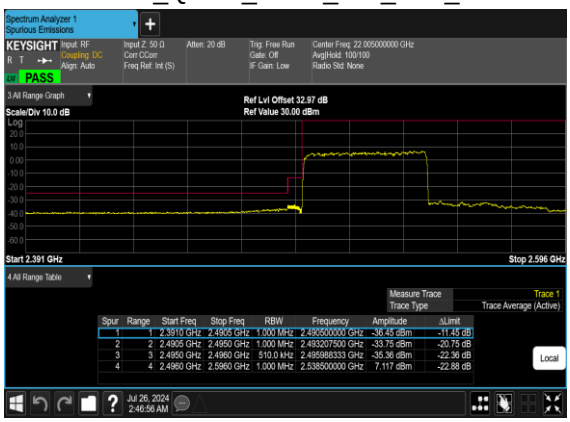
B66_N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



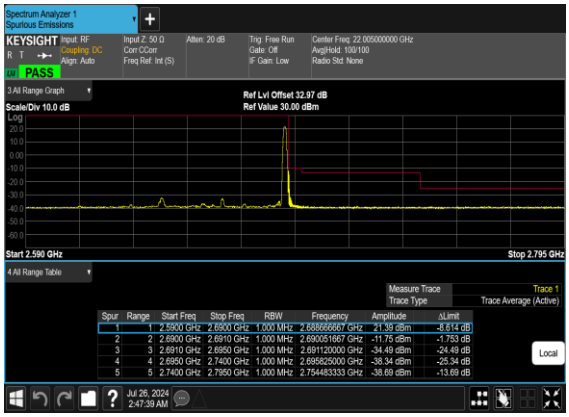
B66_N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B66_N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

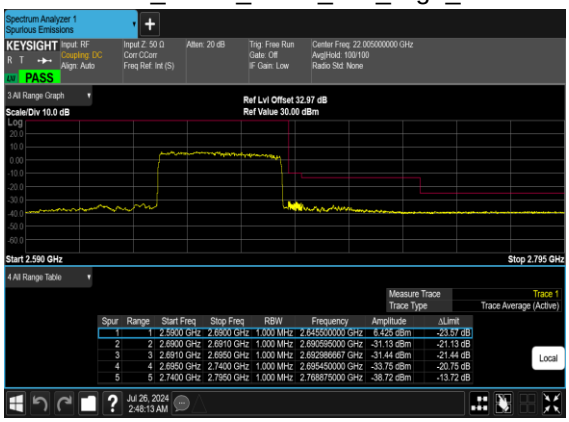


B66_N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

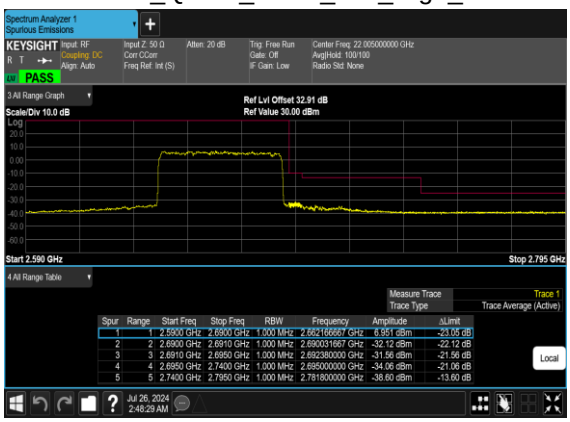


B66_N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

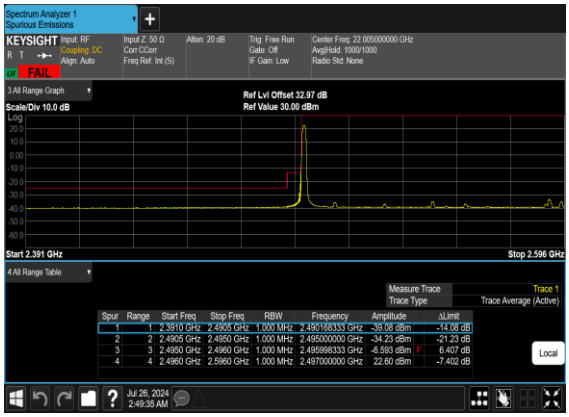
B66_N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



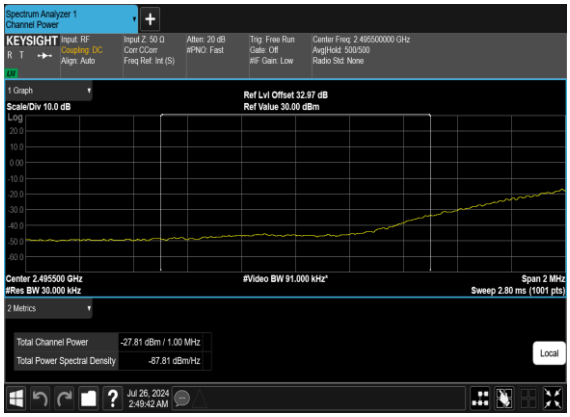
B66_N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



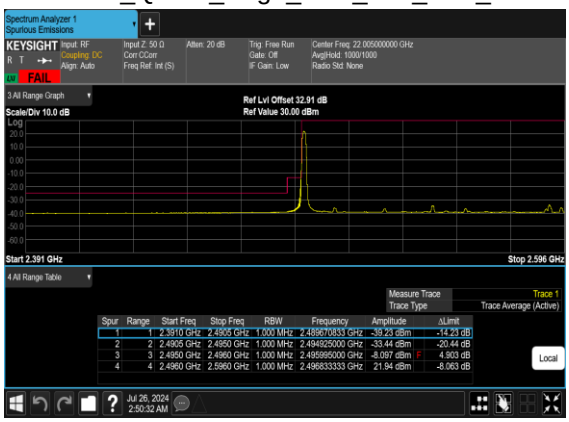
B66_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



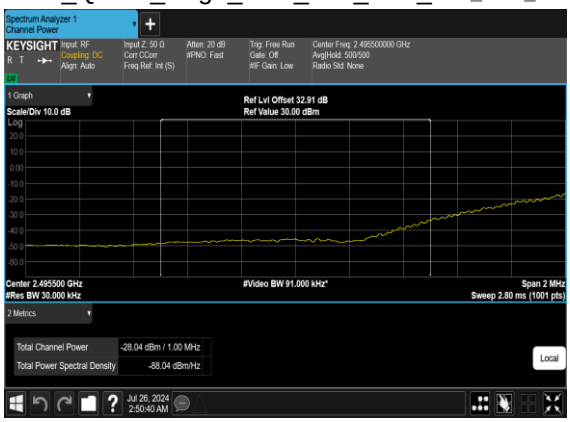
B66_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



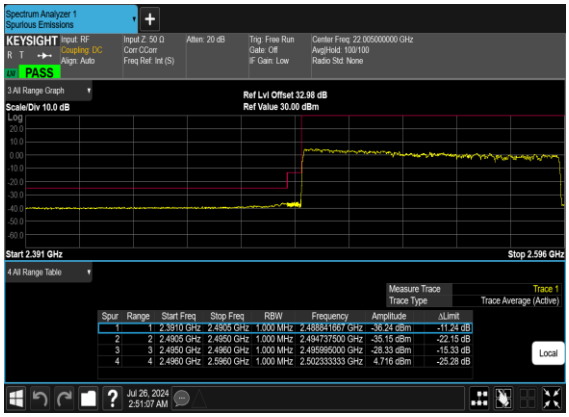
B66_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



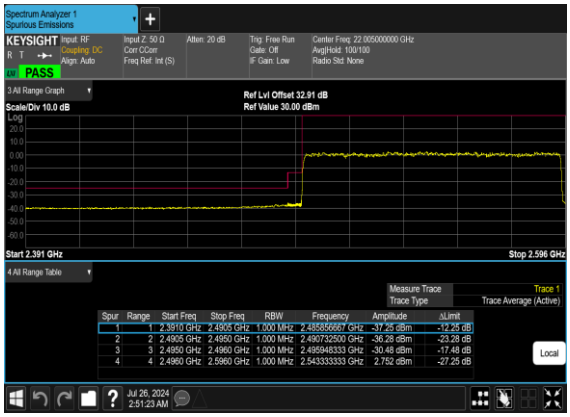
B66_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



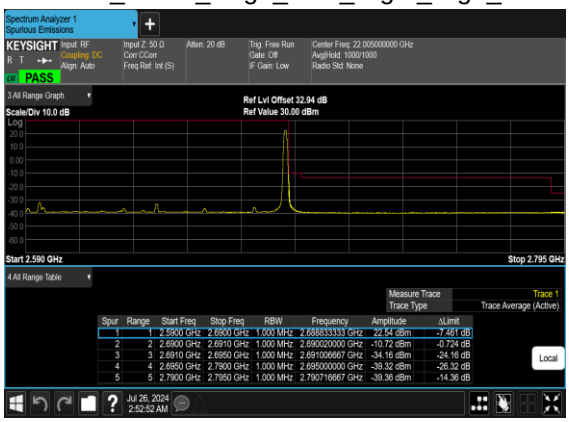
B66_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



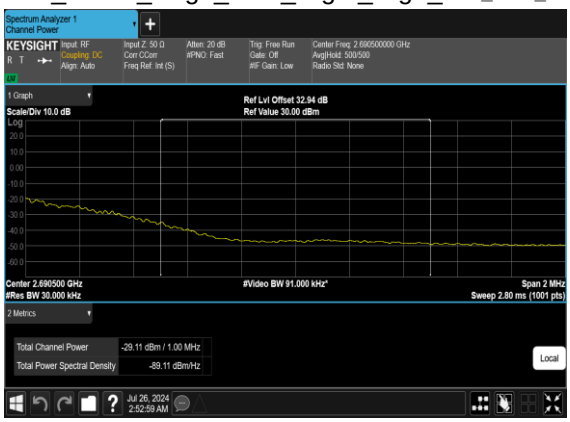
B66_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



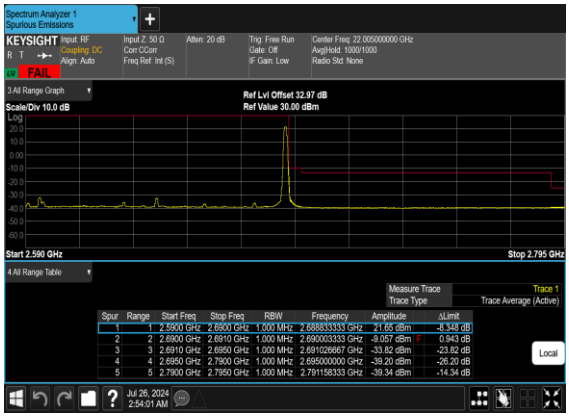
B66_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



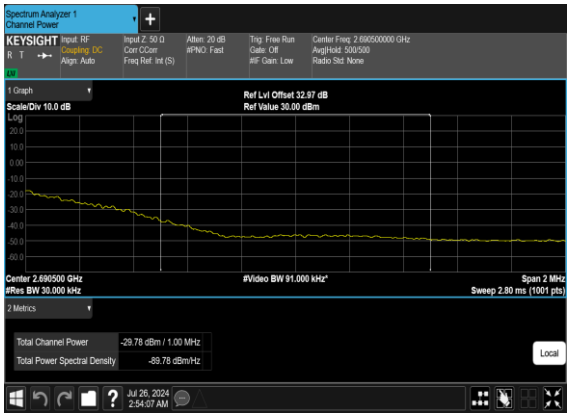
B66_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



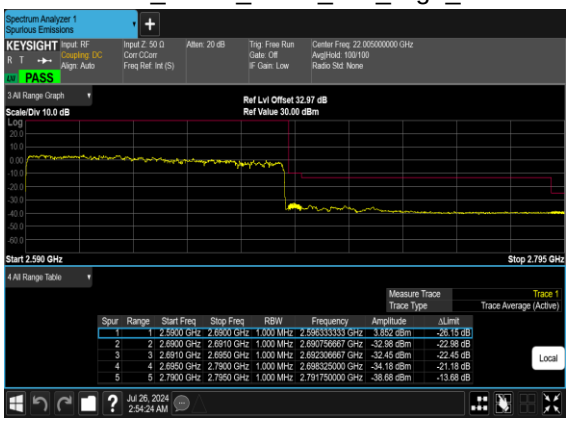
B66_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



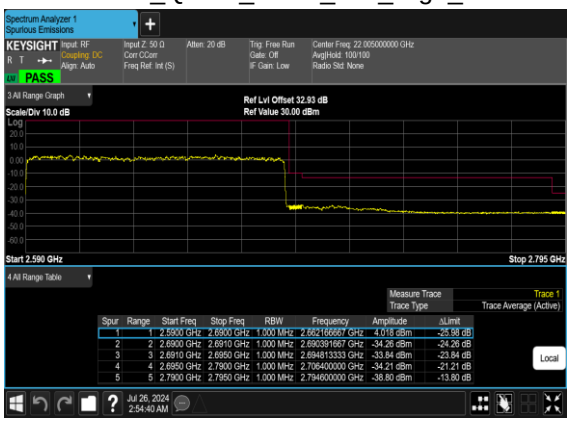
B66_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



B66_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B66_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: “CHP” means channel power integrated method.

FR1 n41 SCS 30K(Other PA_ANT 7)

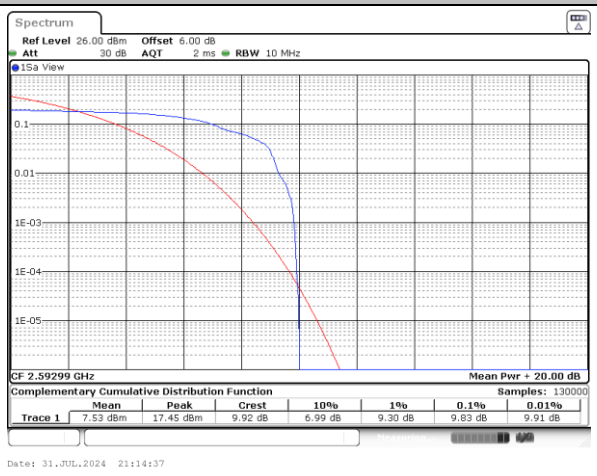
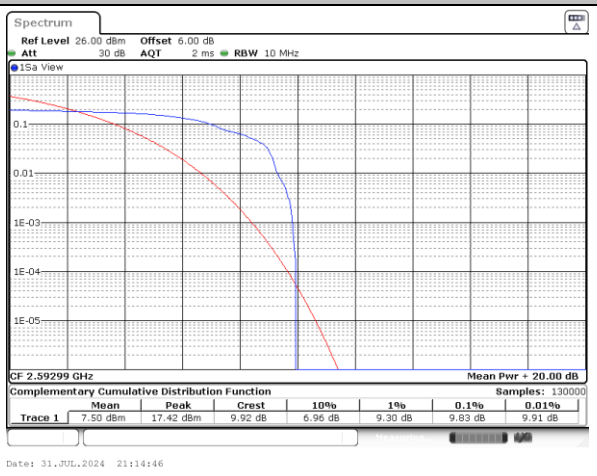
Transmitter Conducted Output Power And EIRP, (GT - LC)=-6.2dBi

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Gain	EIRP	EIRP	EIRP	EIRP
Channel				509202	518598	528000		IC-L	L	M	H
Frequency (MHz)				2546.01	2592.99	2640					
100	PI/2 BPSK	1	1	16.92	16.90	16.93	-6.20	0.0785	0.0118	0.0117	0.0118
100	QPSK	1	1	16.74	16.65	16.68	-6.20	0.0782	0.0113	0.0111	0.0112
100	QPSK	1	137	17.38	17.31	17.34	-6.20	0.0798	0.0131	0.0129	0.0130
100	QPSK	1	271	17.59	17.55	17.57	-6.20	0.0721	0.0138	0.0136	0.0137
100	QPSK	135	0	15.38	15.36	15.43	-6.20	0.0664	0.0083	0.0082	0.0084
100	QPSK	135	69	16.84	16.79	16.84	-6.20	0.0804	0.0116	0.0115	0.0116
100	QPSK	135	138	16.44	16.36	16.43	-6.20	0.0601	0.0106	0.0104	0.0105
100	QPSK	270	0	15.76	15.69	15.73	-6.20	0.0634	0.0090	0.0089	0.0090
100	16QAM	1	1	15.30	15.27	15.30	-6.20	0.0646	0.0081	0.0081	0.0081
100	64QAM	1	1	13.98	13.92	13.99	-6.20	0.0403	0.0060	0.0059	0.0060
100	256QAM	1	1	11.87	11.82	11.91	-6.20	0.0280	0.0037	0.0036	0.0037
Channel				508200	518598	528996	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2541	2592.99	2644.98					
90	QPSK	1	1	17.03	16.94	16.98	-6.20	0.0736	0.0121	0.0119	0.0120
90	16QAM	1	1	16.78	16.74	16.83	-6.20	0.0667	0.0114	0.0113	0.0116
Channel				507204	518598	529998	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2536.02	2592.99	2649.99					
80	QPSK	1	1	17.03	16.94	16.98	-6.20	0.0731	0.0121	0.0119	0.0120
80	16QAM	1	1	16.74	16.65	16.70	-6.20	0.0597	0.0113	0.0111	0.0112
Channel				505200	518598	531996	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2526	2592.99	2659.98					
60	QPSK	1	1	16.98	16.90	16.99	-6.20	0.0724	0.0120	0.0117	0.0120
60	16QAM	1	1	16.69	16.65	16.66	-6.20	0.0655	0.0112	0.0111	0.0111
Channel				504204	518598	532998	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2521.02	2592.99	2664.99					
50	QPSK	1	1	17.03	16.94	17.01	-6.20	0.0802	0.0121	0.0119	0.0121
50	16QAM	1	1	16.76	16.70	16.72	-6.20	0.0706	0.0114	0.0112	0.0113
Channel				503202	518598	534000	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2516.01	2592.99	2670					
40	QPSK	1	1	16.96	16.95	16.97	-6.20	0.0774	0.0119	0.0119	0.0119
40	16QAM	1	1	16.79	16.70	16.73	-6.20	0.0650	0.0115	0.0112	0.0113
Channel				502200	518598	534996	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2511	2592.99	2674.98					
30	QPSK	1	1	16.96	16.91	16.97	-6.20	0.0796	0.0119	0.0118	0.0119
30	16QAM	1	1	16.77	16.72	16.79	-6.20	0.0689	0.0114	0.0113	0.0115
Channel				501204	518598	535998	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2506.02	2592.99	2679.99					

20	QPSK	1	1	17.00	16.96	17.05	-6.20	0.0736	0.0120	0.0119	0.0122
20	16QAM	1	1	16.77	16.72	16.77	-6.20	0.0695	0.0114	0.0113	0.0114
Channel				500700	518598	536496	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2503.5	2592.99	2682.48					
15	QPSK	1	1	17.01	16.92	16.94	-6.20	0.0736	0.0121	0.0118	0.0119
15	16QAM	1	1	16.76	16.69	16.72	-6.20	0.0695	0.0114	0.0112	0.0113
Channel				500202	518598	537000	Gain	EIRP	EIRP	EIRP	EIRP
Frequency (MHz)				2501.01	2592.99	2685					
10	QPSK	1	1	17.00	16.98	17.03	-6.20	0.0736	0.0120	0.0120	0.0121
10	16QAM	1	1	16.75	16.74	16.75	-6.20	0.0695	0.0114	0.0113	0.0114

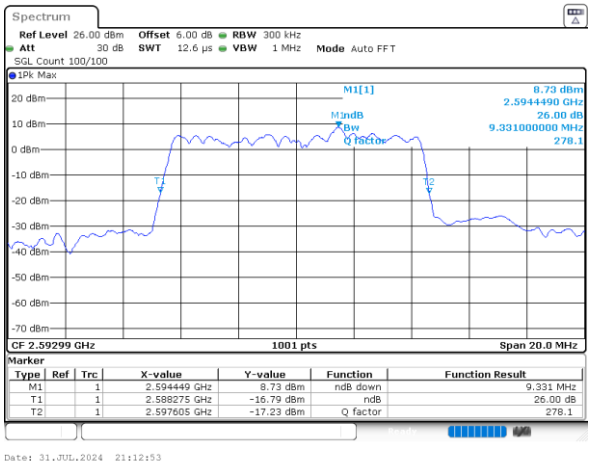
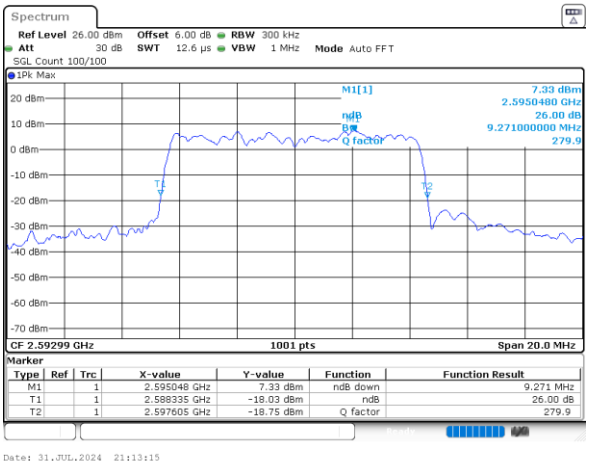
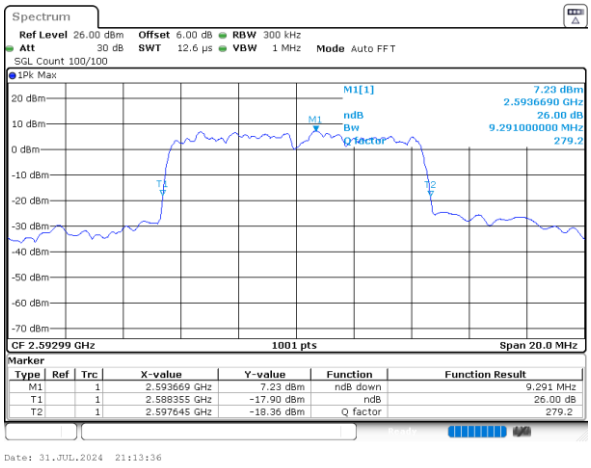
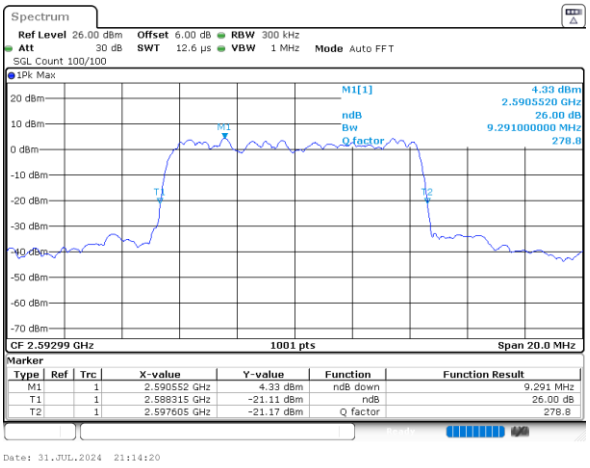
Peak-to-Average Ratio

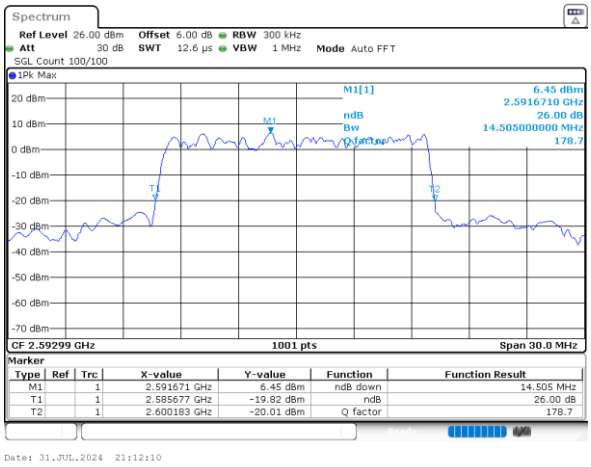
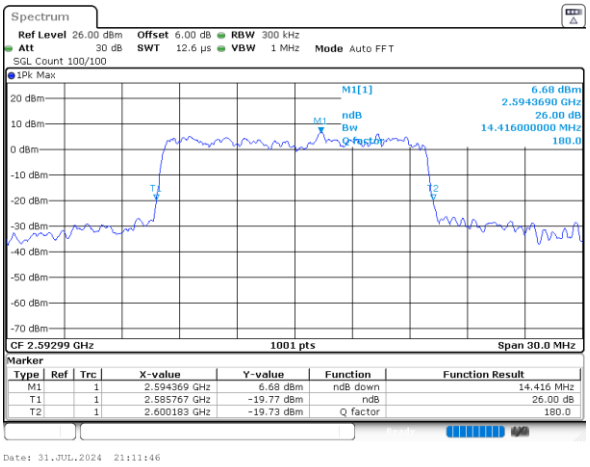
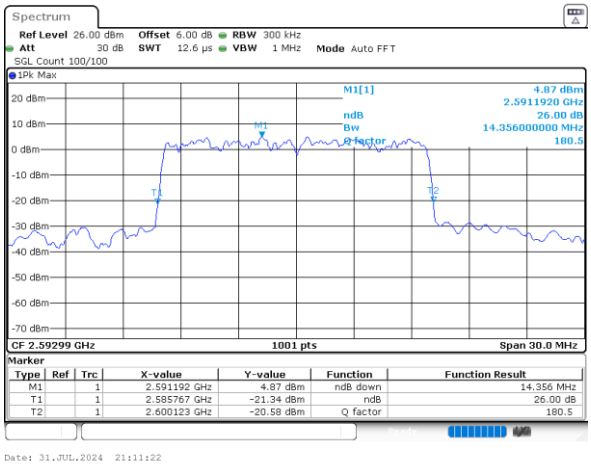
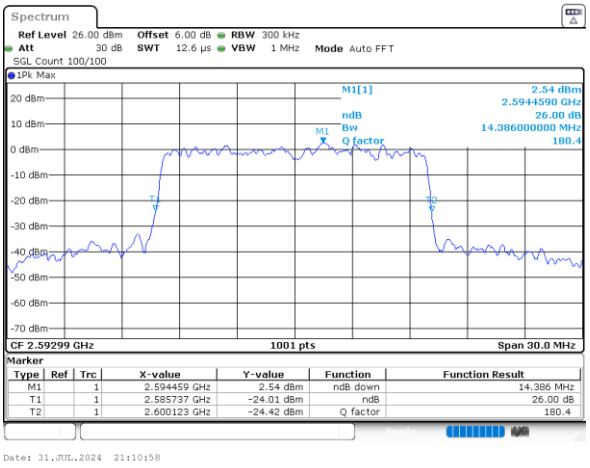
Mode	FR1 n41 / 10MHz / DFT-S OFDM		
Mod.	10M		Limit: 13dB
RB Size	BPSK	QPSK	Result
Middle CH	9.83	9.83	PASS

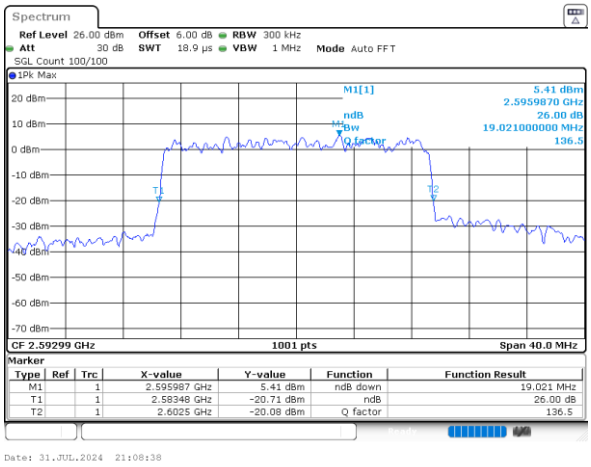
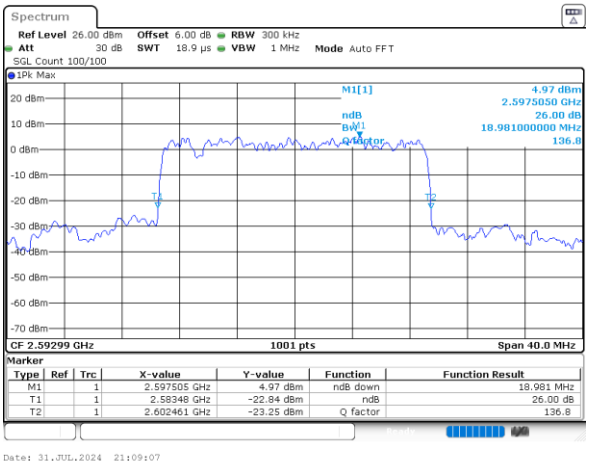
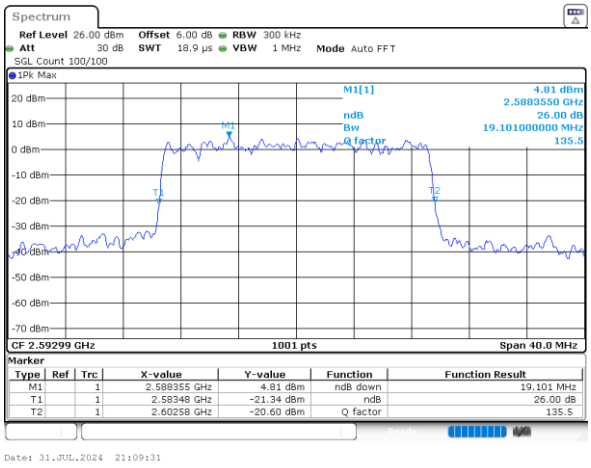
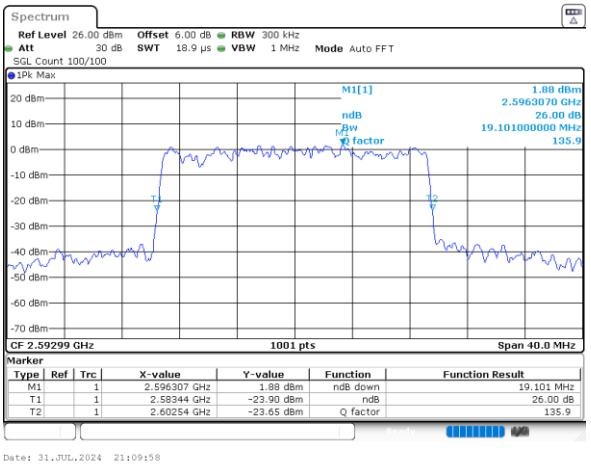
BPSK	QPSK
	

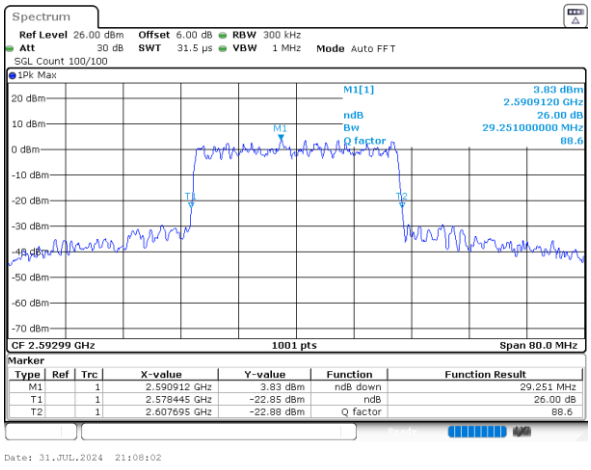
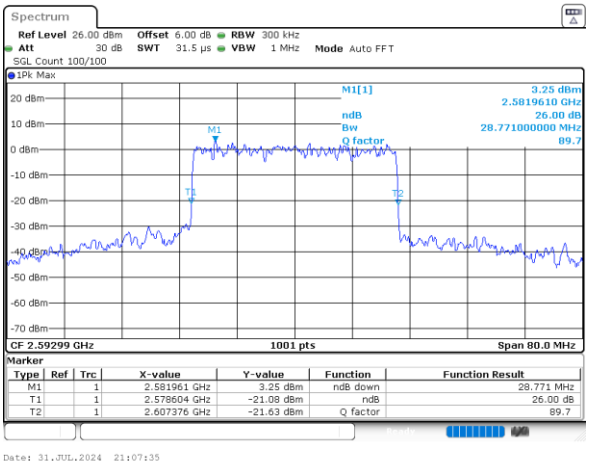
26dB Bandwidth

Mode	FR1 n41 : 26dB BW(10 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.33	9.27	9.29	9.29
Mode	FR1 n41 : 26dB BW(15 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	14.51	14.42	14.36	14.39
Mode	FR1 n41 : 26dB BW(20 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	19.02	18.98	19.10	19.10
Mode	FR1 n41 : 26dB BW(30 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	29.25	28.77	29.01	28.85
Mode	FR1 n41 : 26dB BW(40 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	40.28	40.12	40.2	40.36
Mode	FR1 n41 : 26dB BW(50 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	49.95	49.85	49.85	49.95
Mode	FR1 n41 : 26dB BW(60 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	60.42	60.30	60.30	60.42
Mode	FR1 n41 : 26dB BW(80 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	80.08	79.92	79.92	79.92
Mode	FR1 n41 : 26dB BW(90 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	92.43	92.25	92.07	92.07
Mode	FR1 n41 : 26dB BW(100 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	102.3	102.1	102.5	102.3

10MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

15MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

20MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

30MHz CP-OFDM	
QPSK	16QAM
	
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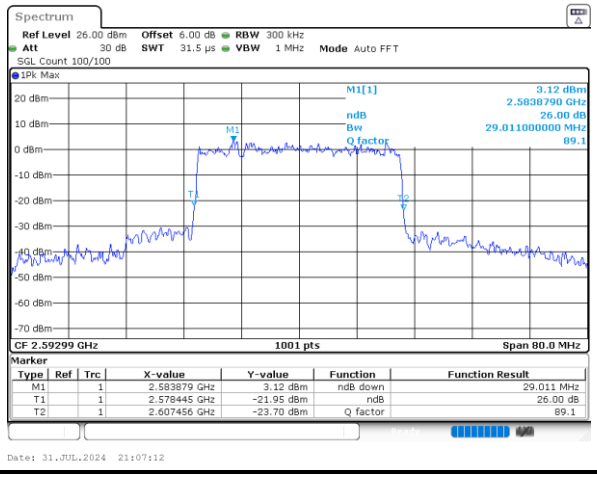
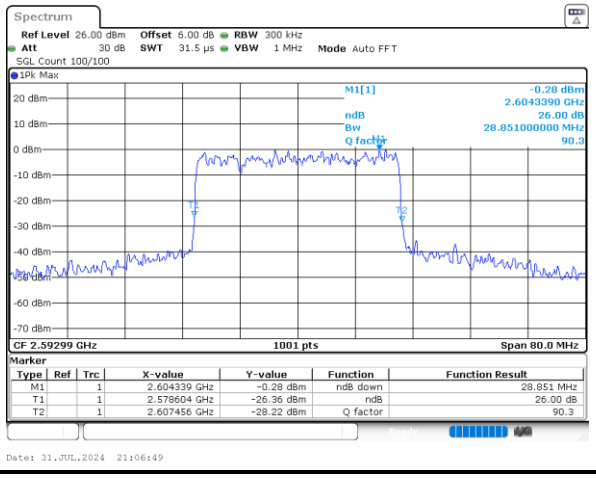
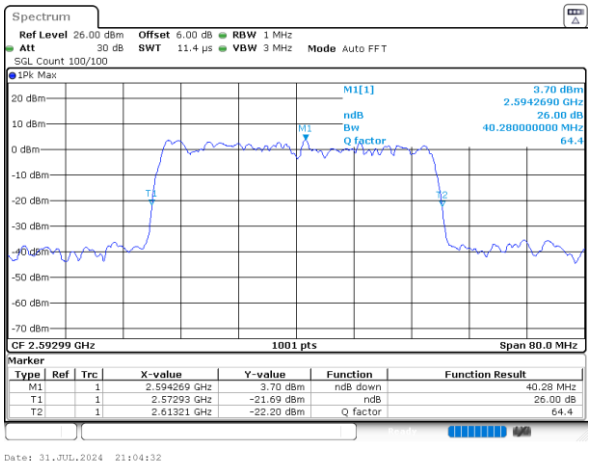
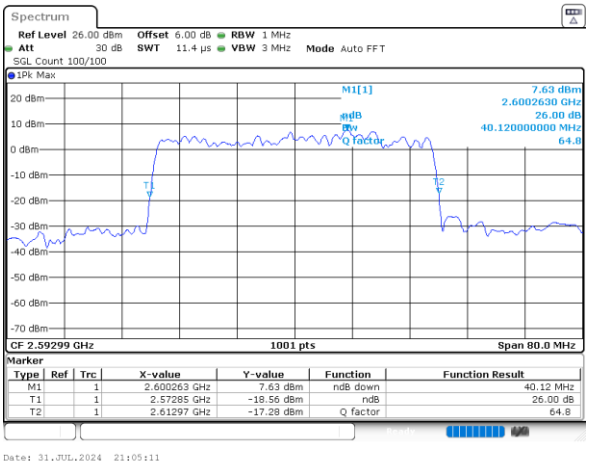
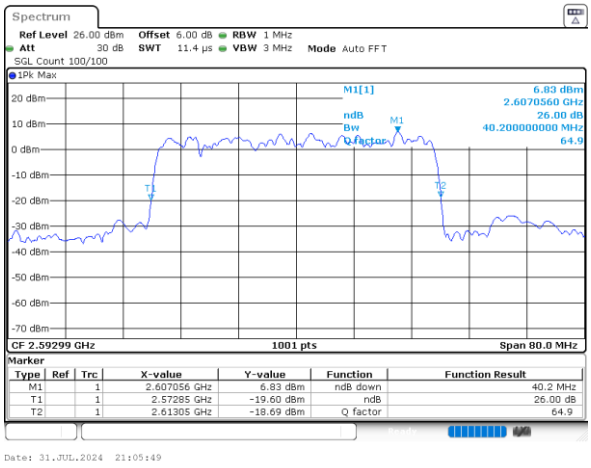
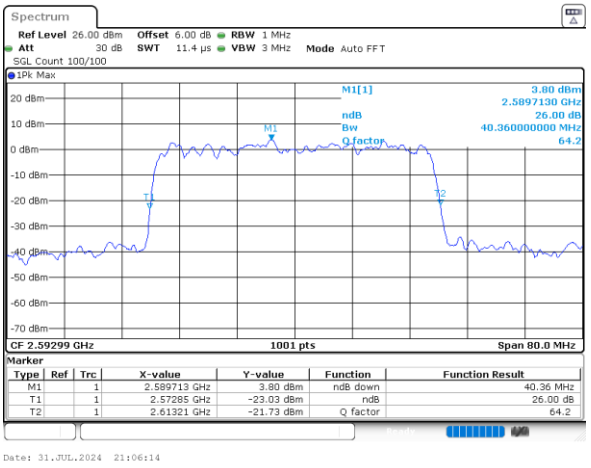
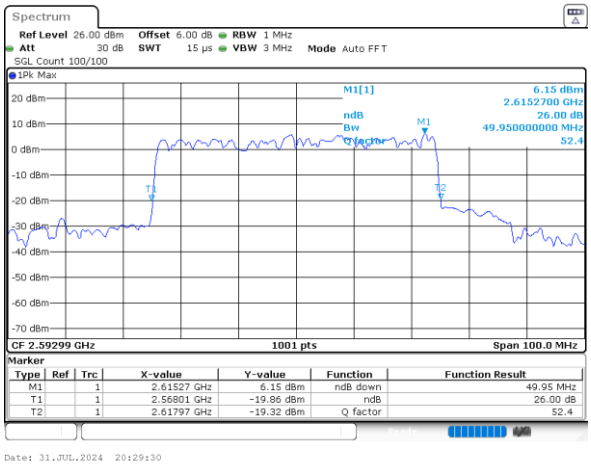
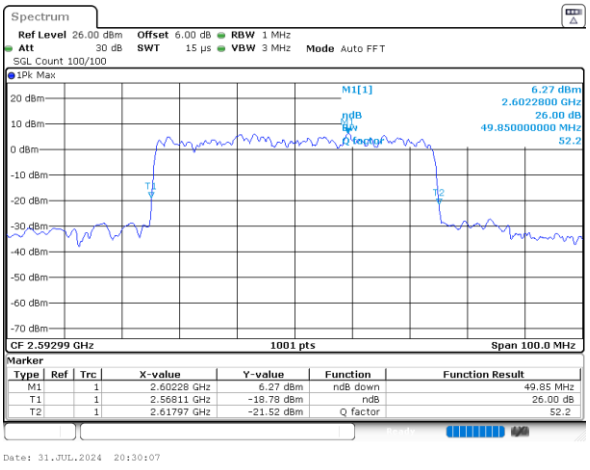
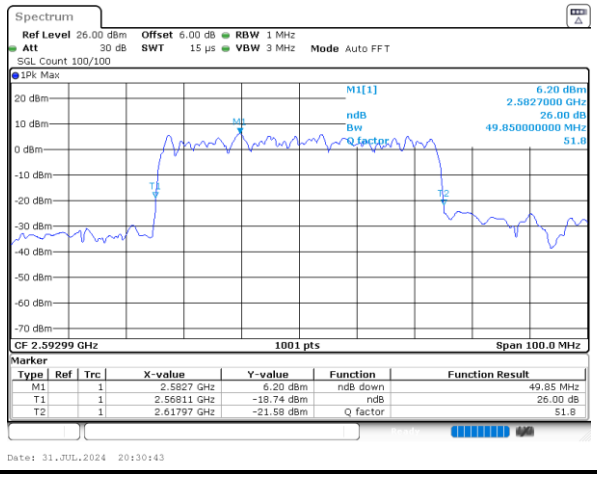
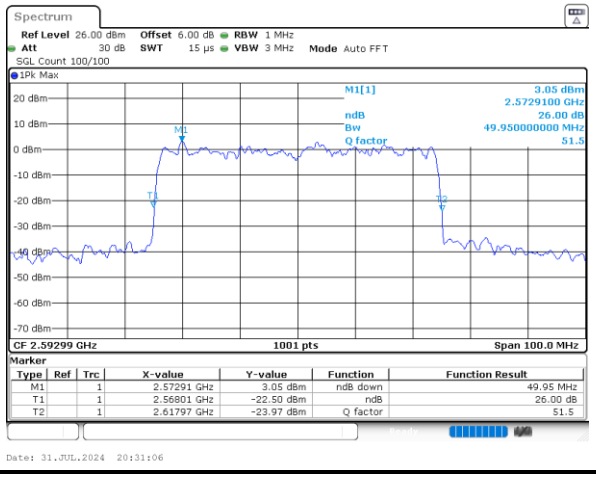
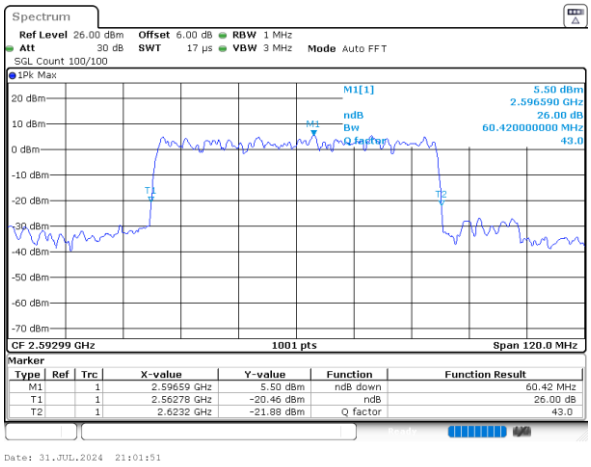
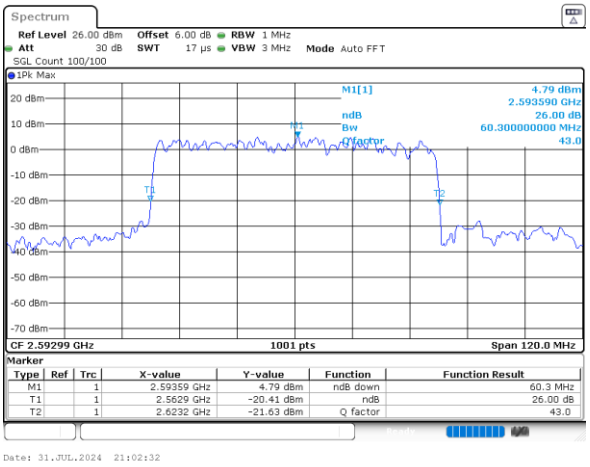
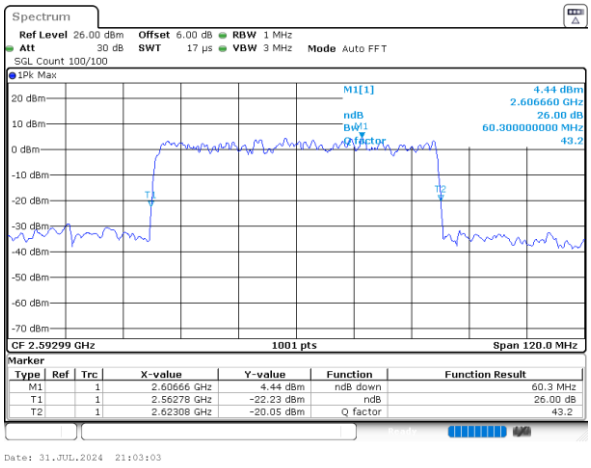
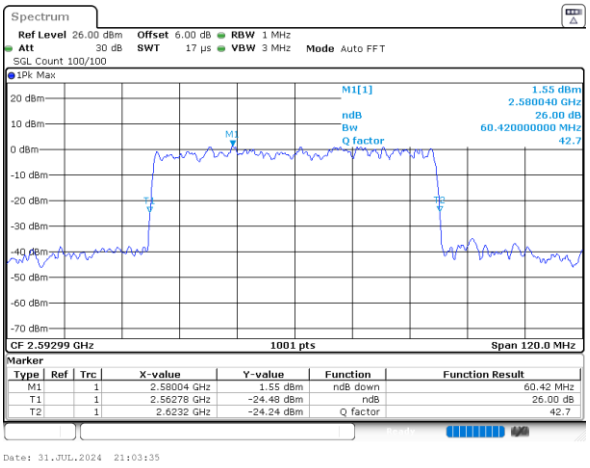
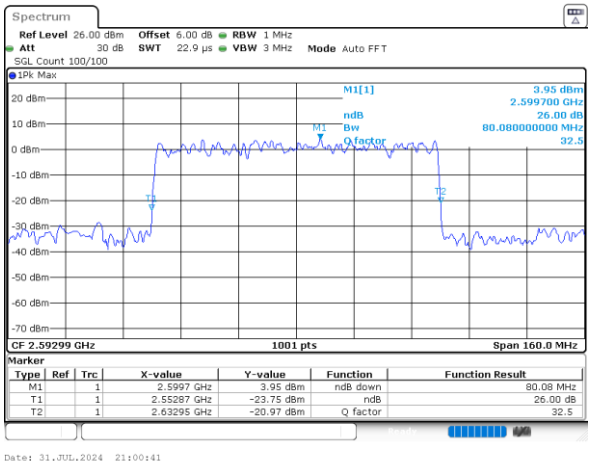
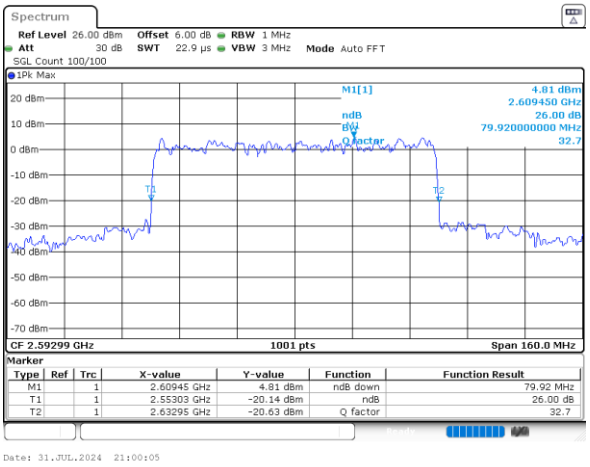
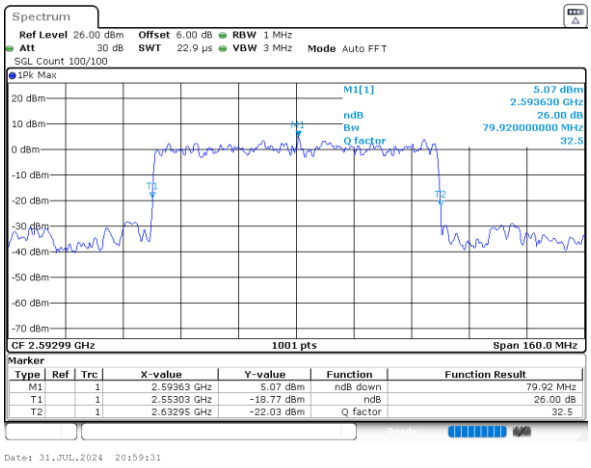
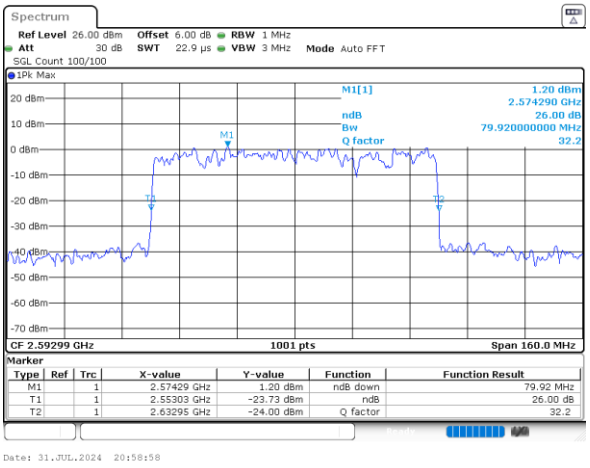
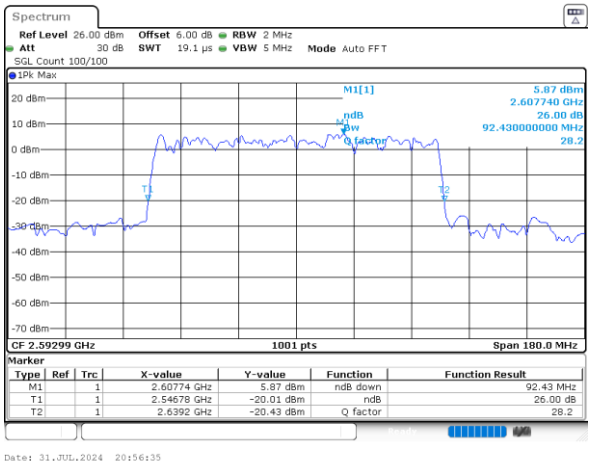
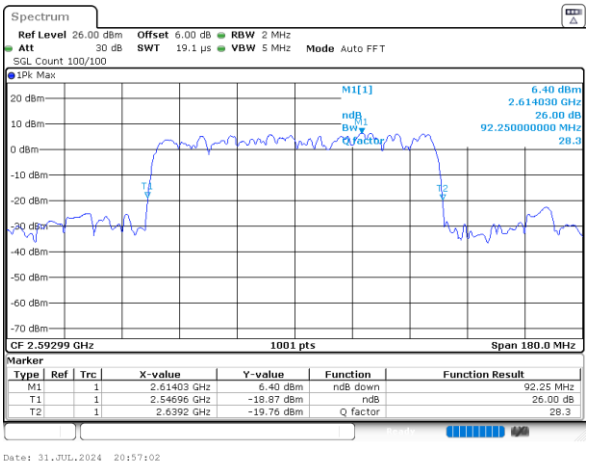
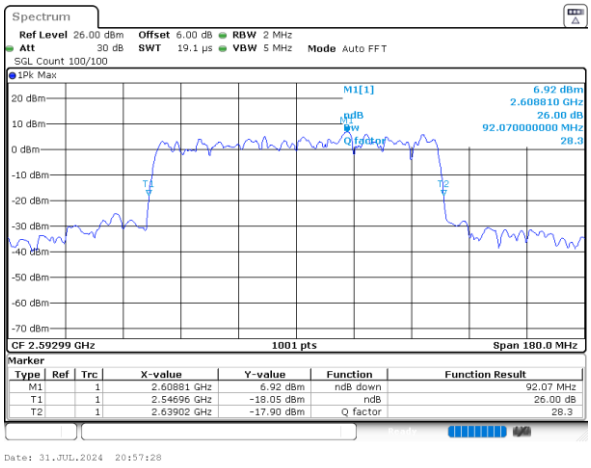
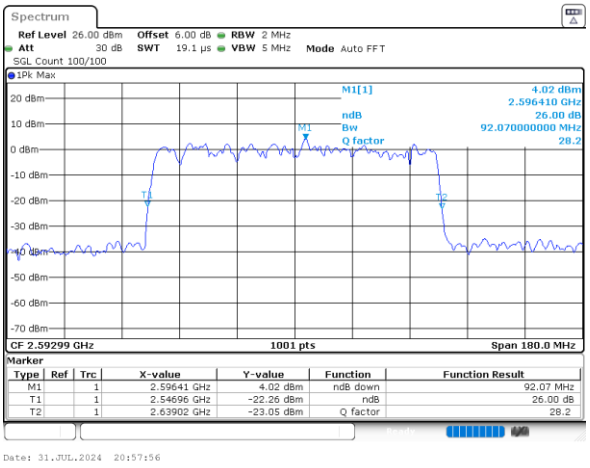
	

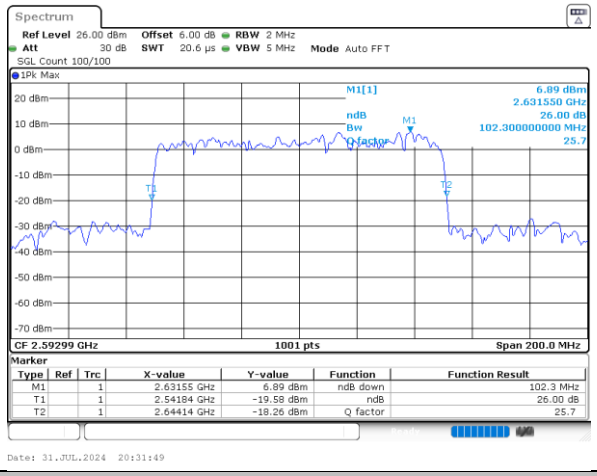
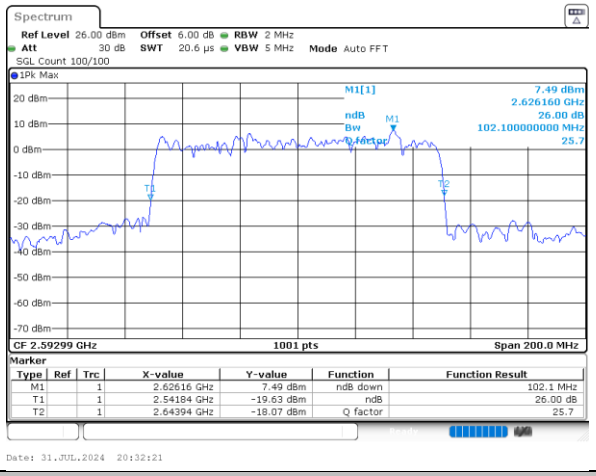
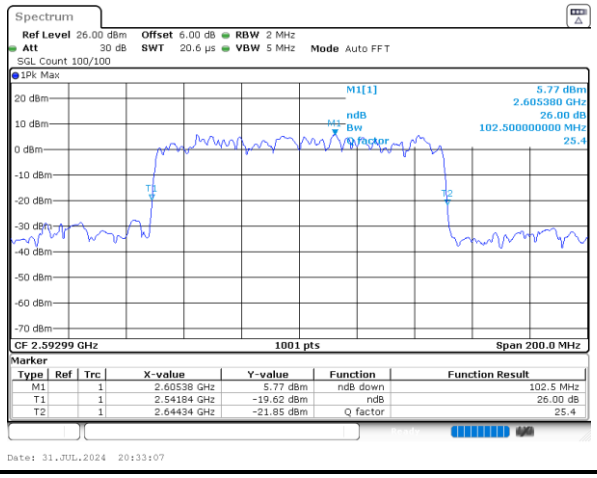
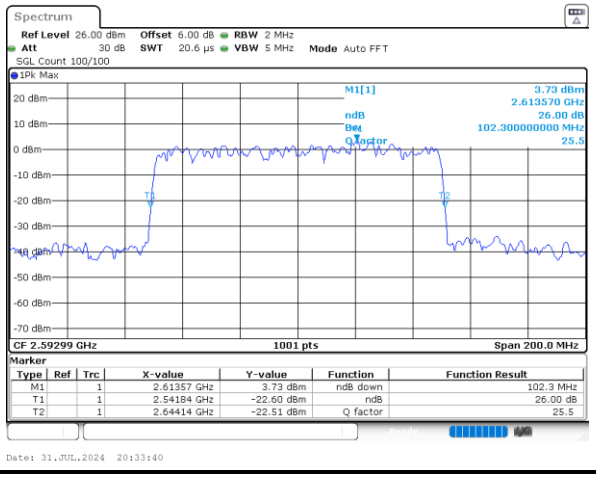
40MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

50MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

60MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

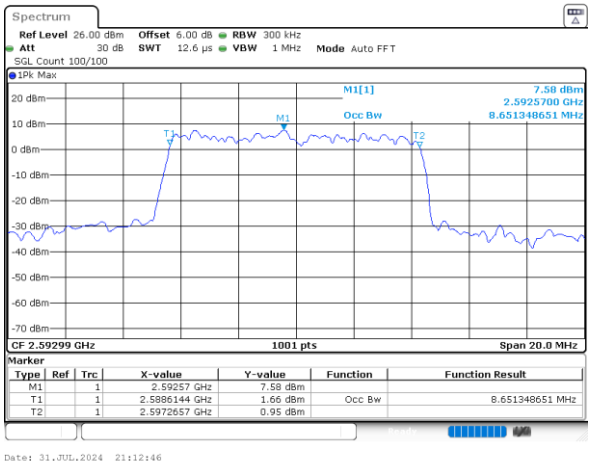
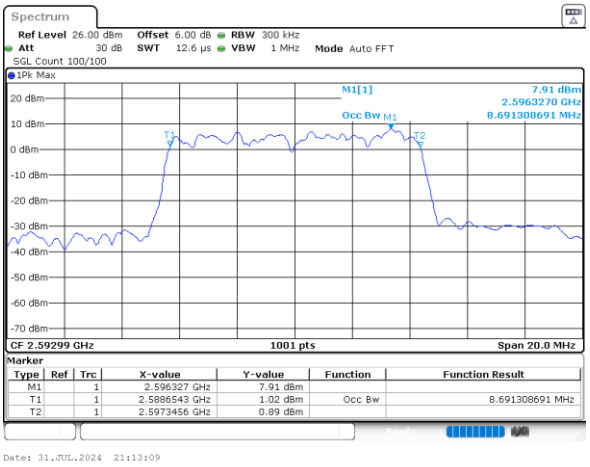
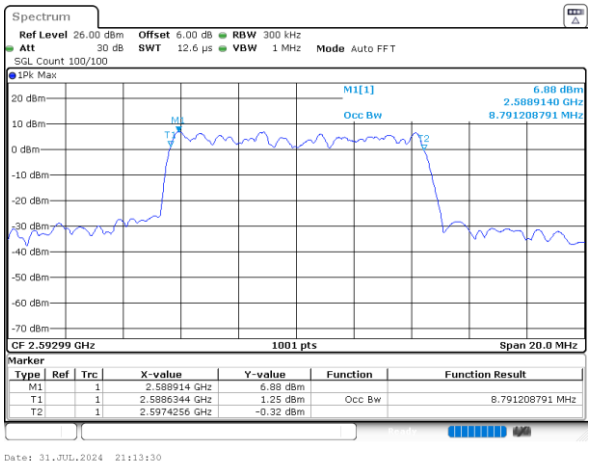
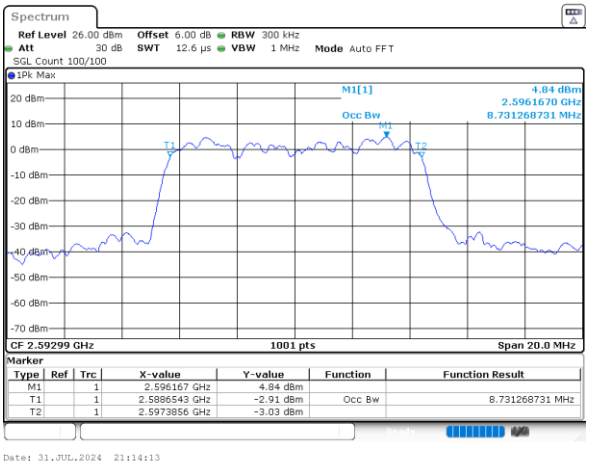
80MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

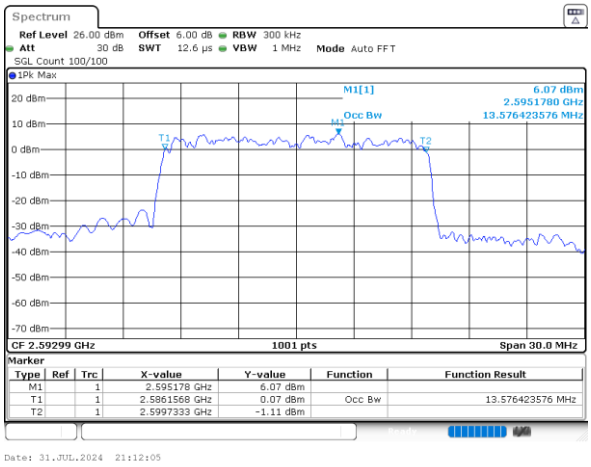
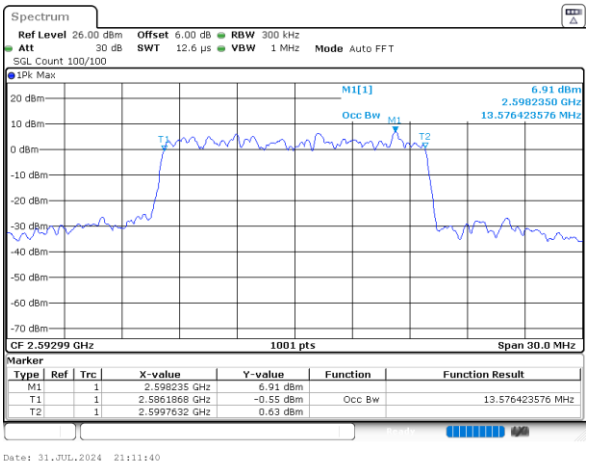
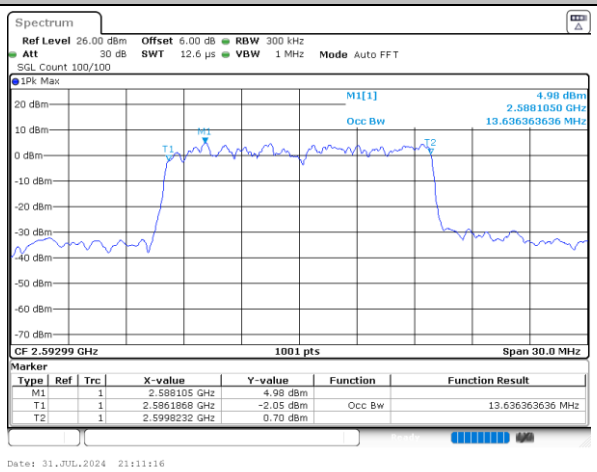
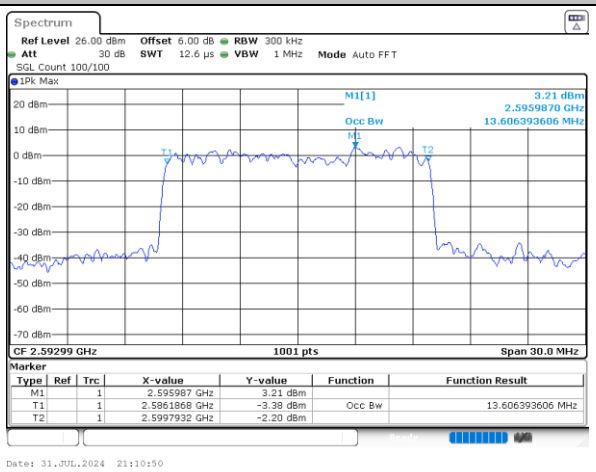
90MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

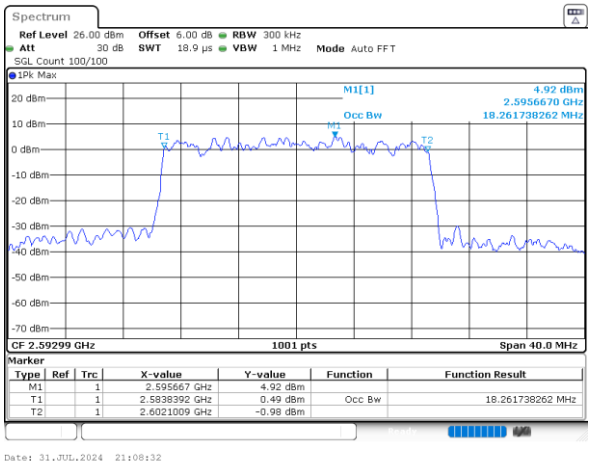
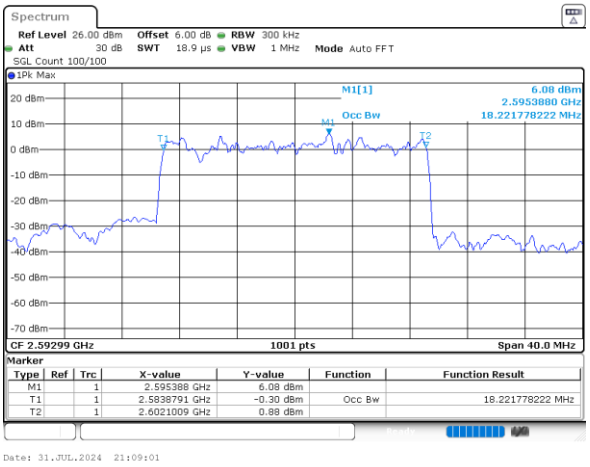
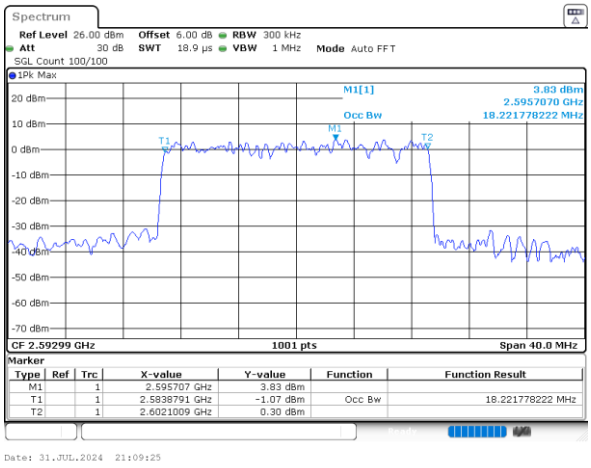
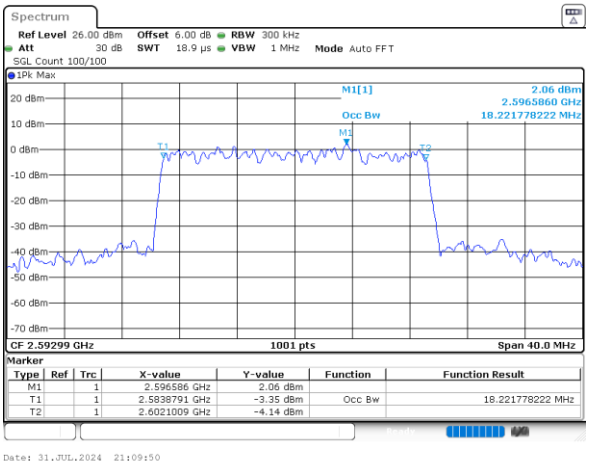
100MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

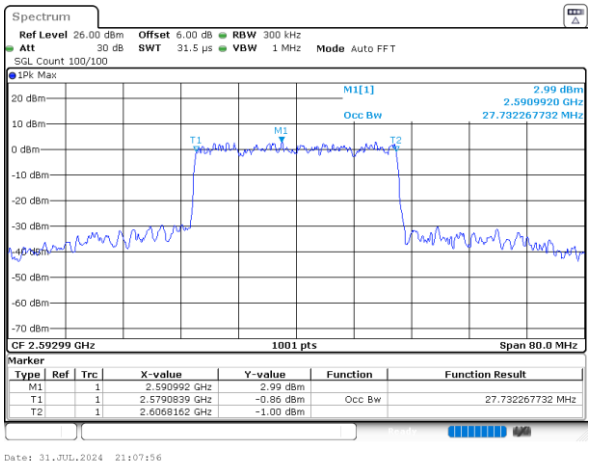
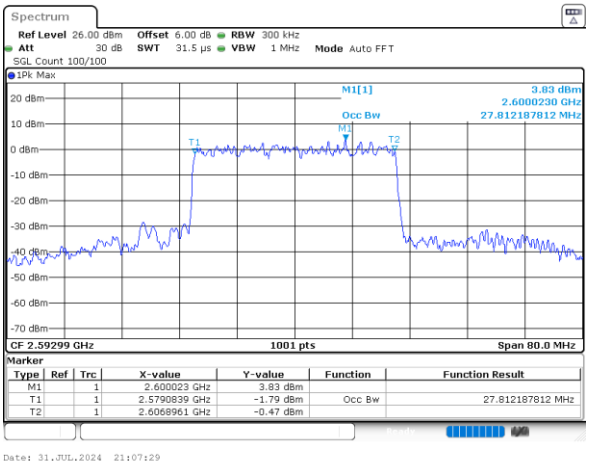
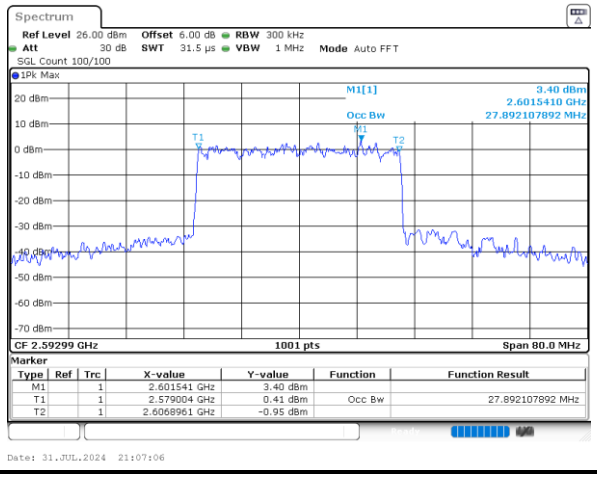
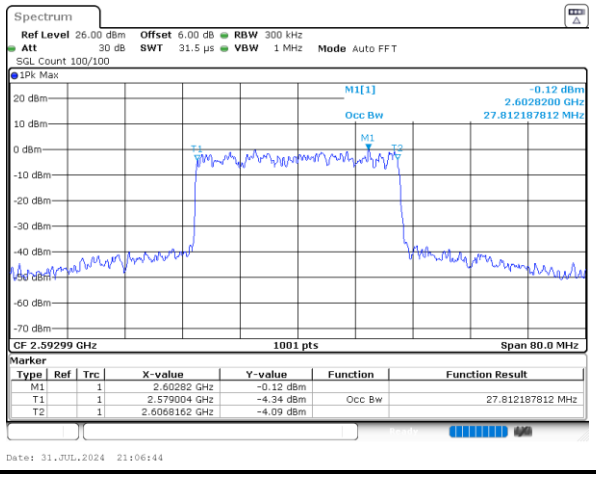
Occupied Bandwidth

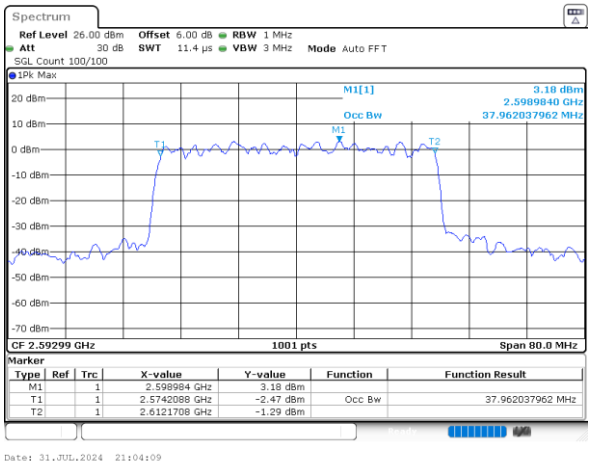
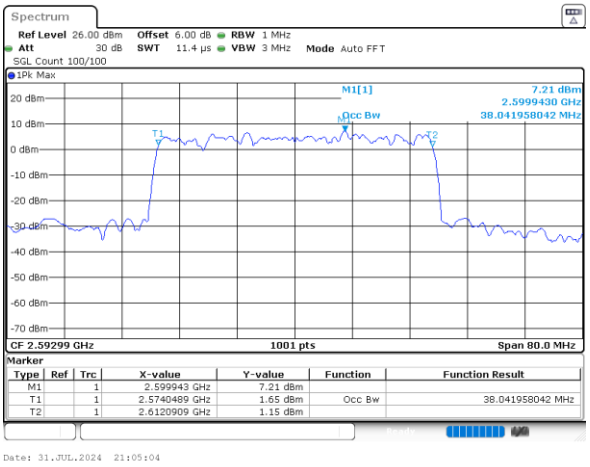
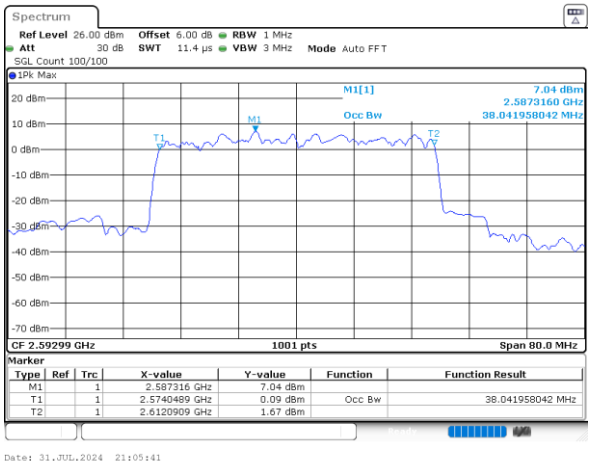
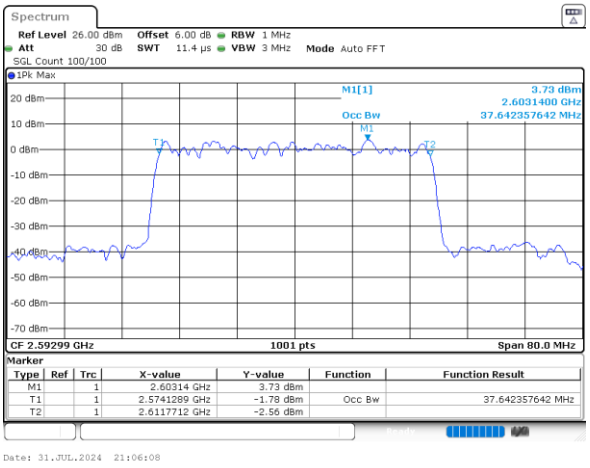
Mode	FR1 n41 : OB BW(10 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	8.65	8.69	8.79	8.73
Mode	FR1 n41 : OB BW(15 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	13.58	13.58	13.64	13.61
Mode	FR1 n41 : OB BW(20 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	18.26	18.22	18.22	18.22
Mode	FR1 n41 : OB BW(30 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	27.73	27.81	27.89	27.81
Mode	FR1 n41 : OB BW(40 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	37.96	38.04	38.04	37.64
Mode	FR1 n41 : OB BW(50 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	47.65	47.75	47.45	47.55
Mode	FR1 n41 : OB BW(60 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	58.14	57.78	57.78	57.78
Mode	FR1 n41 : OB BW(80 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	77.52	77.20	77.52	77.20
Mode	FR1 n41 : OB BW(90 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	87.75	87.39	87.39	87.39
Mode	FR1 n41 : OB BW(100 MHz) /CP OFDM			
BW	CP			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	97.30	97.70	98.10	98.10

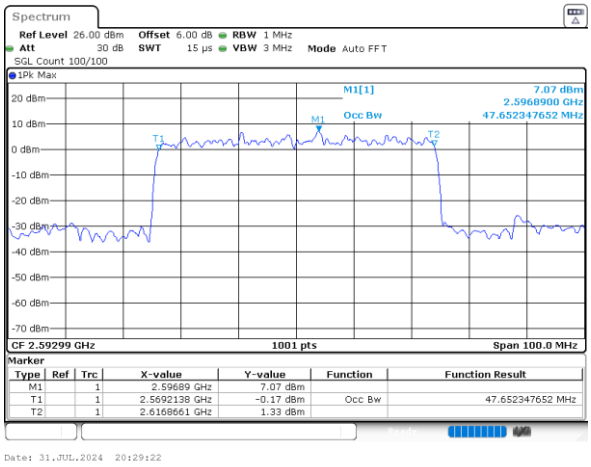
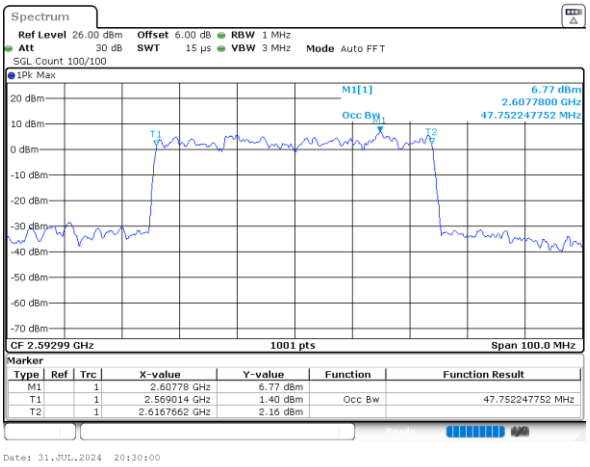
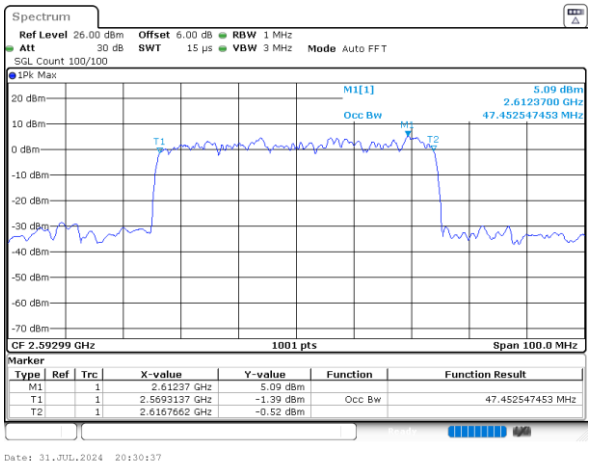
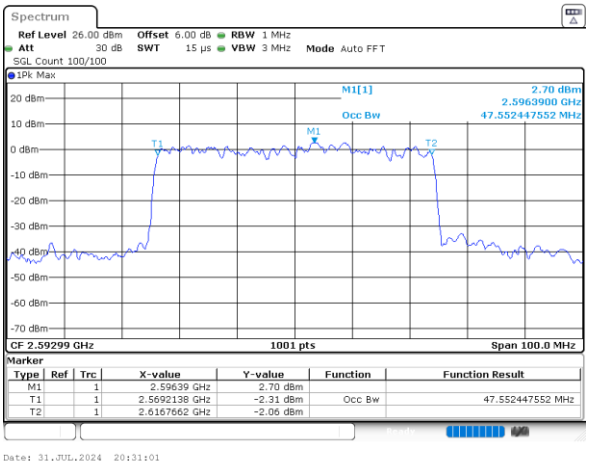
10MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

15MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

20MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

30MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

40MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

50MHz CP-OFDM	
QPSK	16QAM
	
64QAM	256QAM
	

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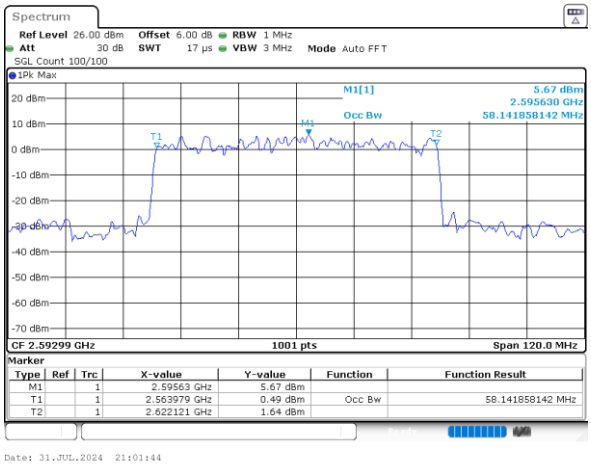	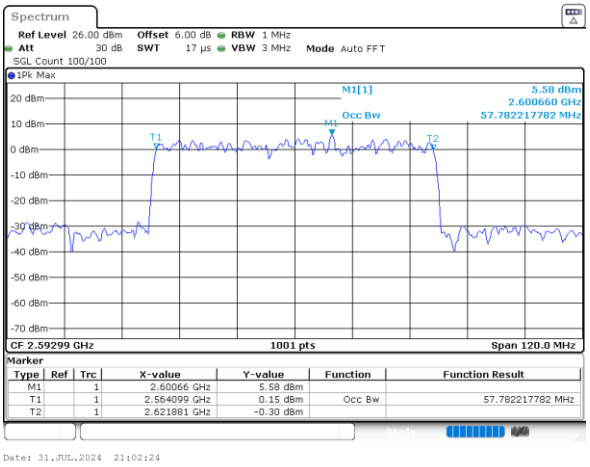
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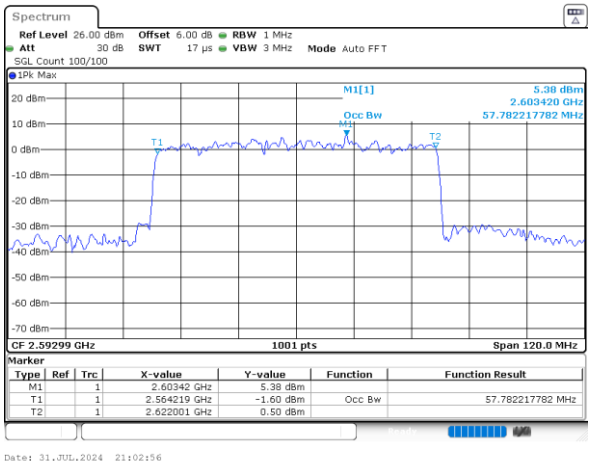	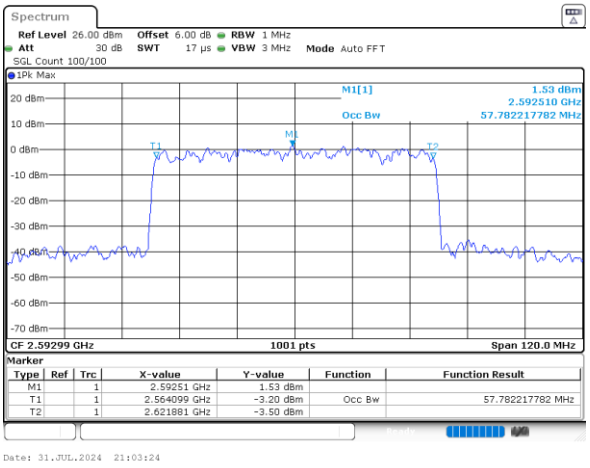

80MHz CP-OFDM	
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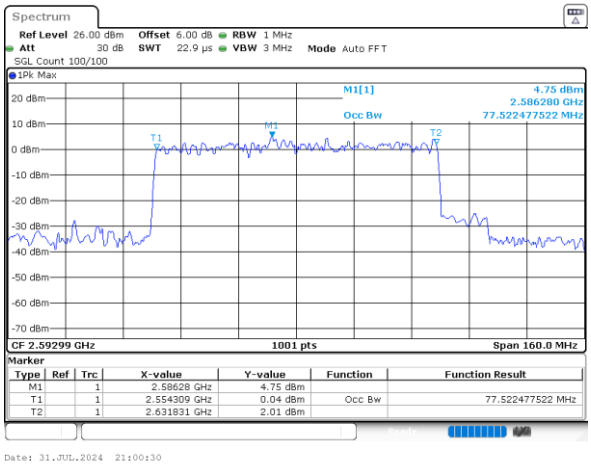	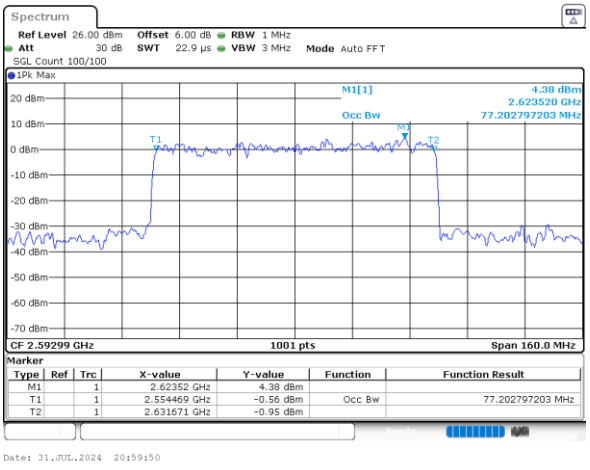
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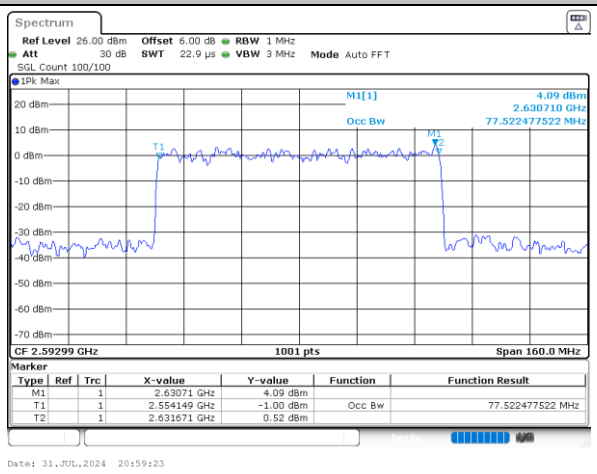	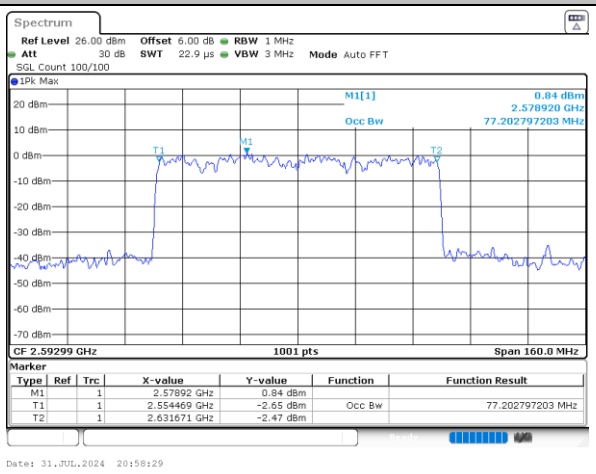

90MHz CP-OFDM	
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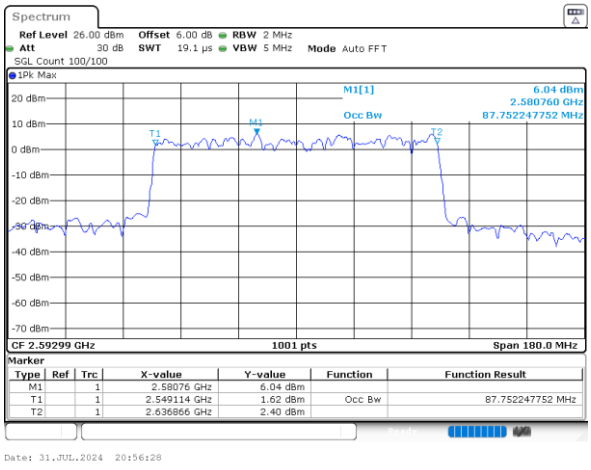	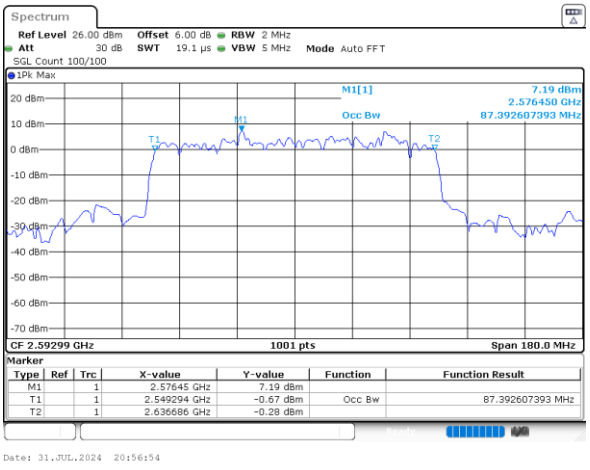
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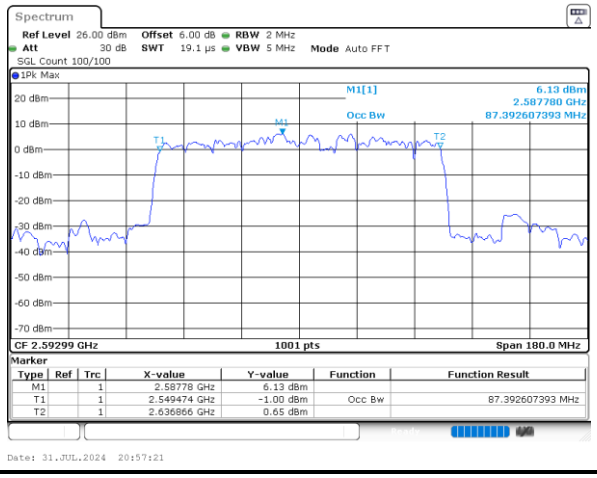	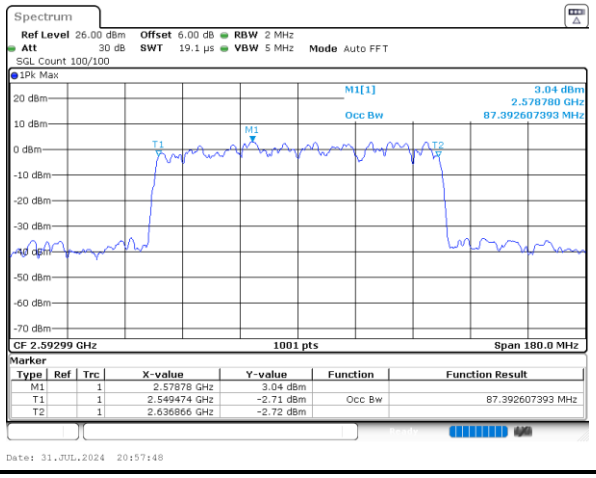

100MHz CP-OFDM	
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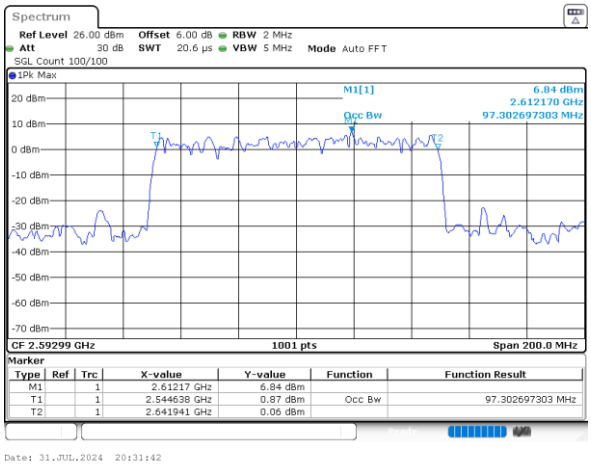	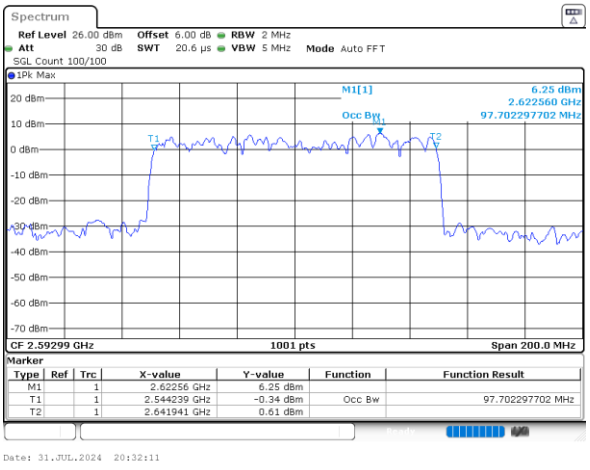
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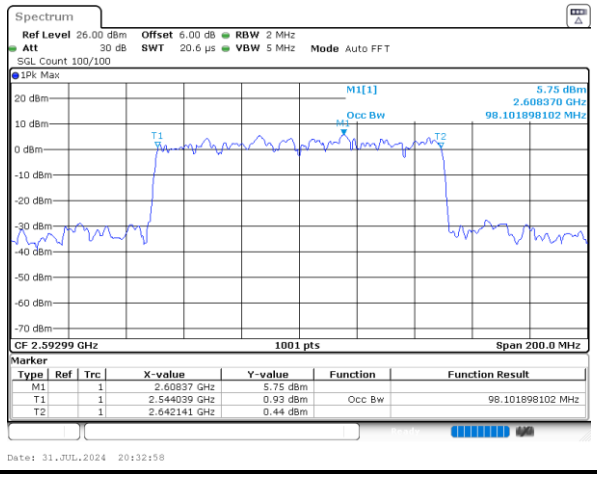
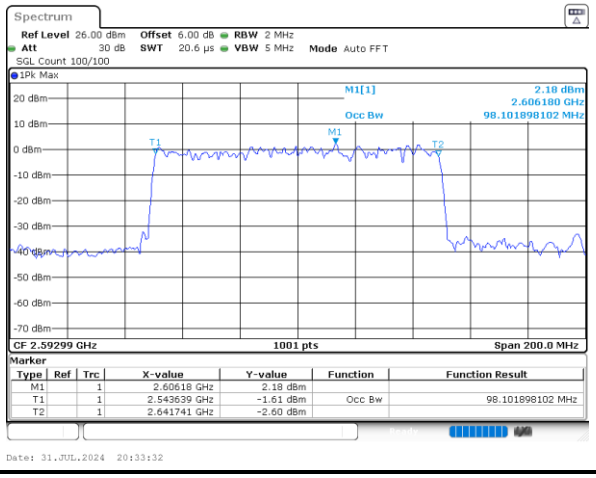
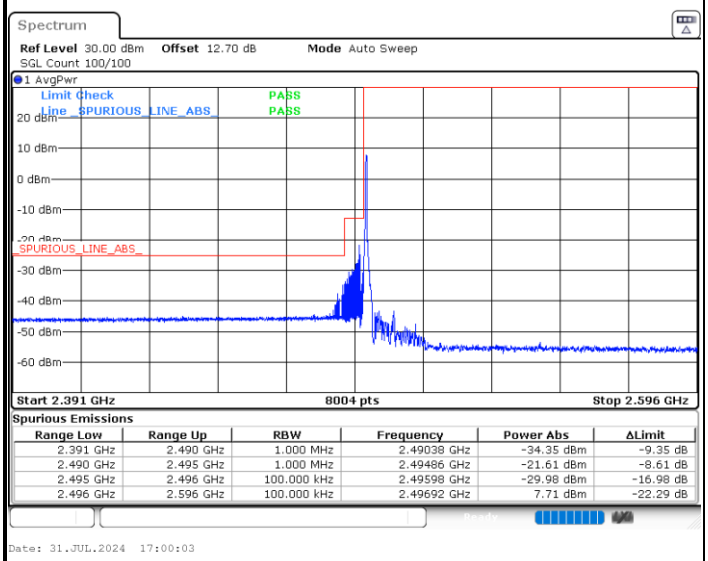
	

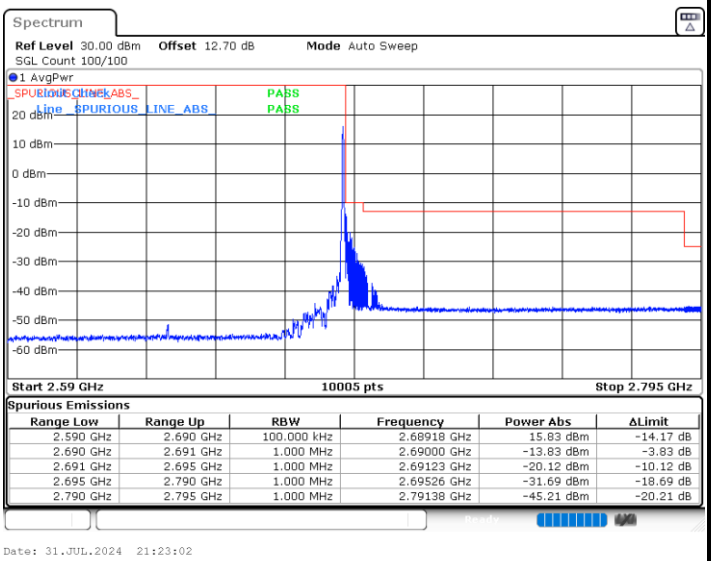
Conducted Band Edge

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

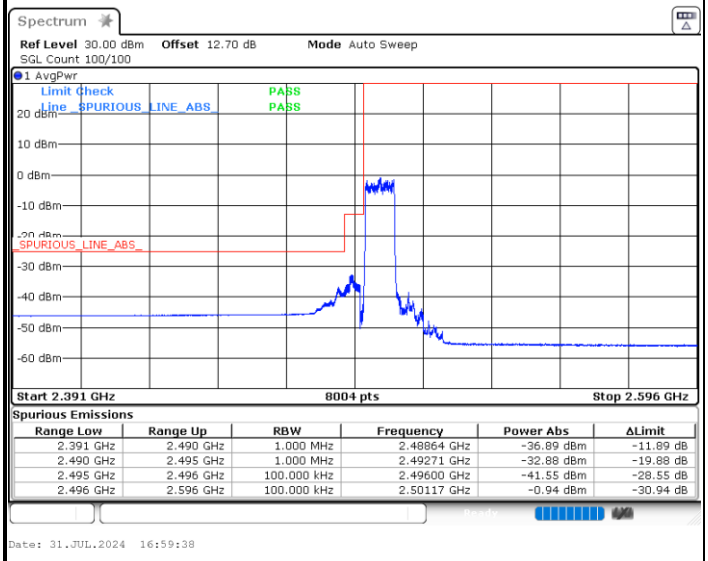
Lowest Band Edge / 1RB0



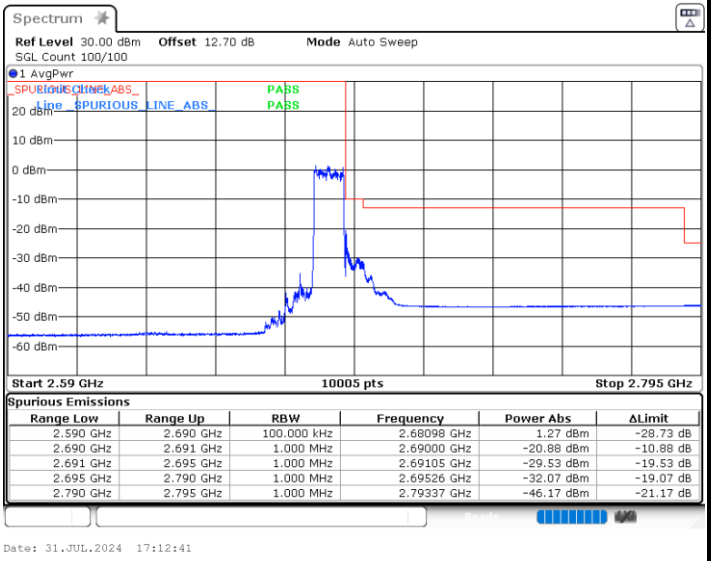
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

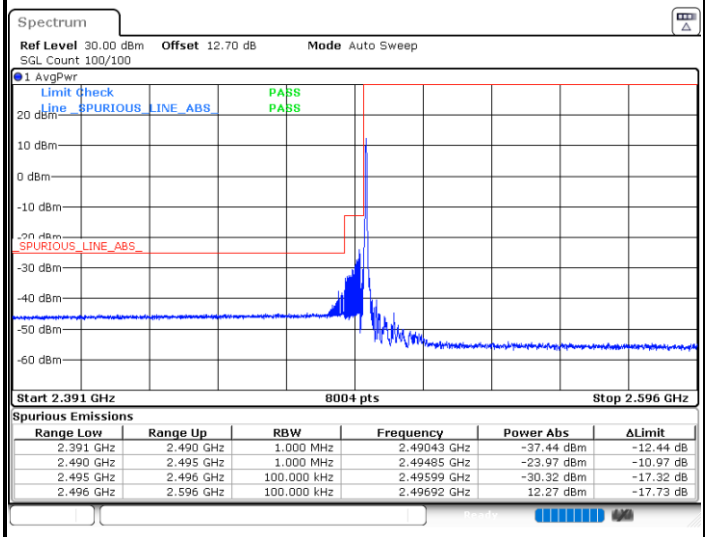


Highest Band Edge / Full RB



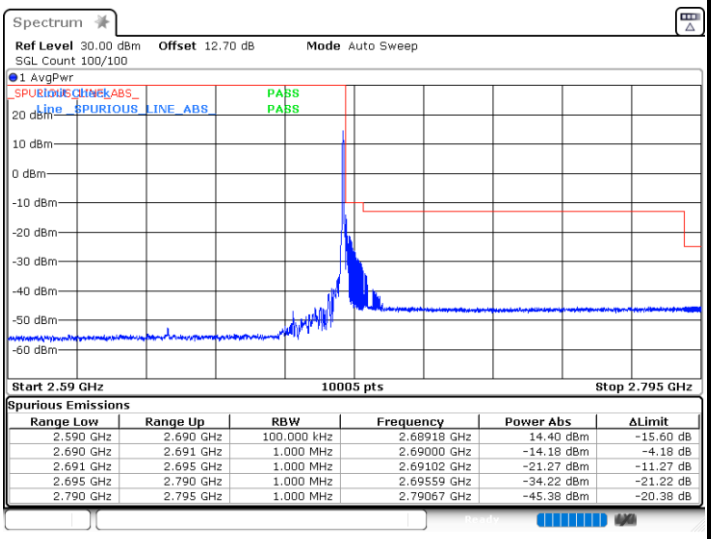
FR1 n41 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0



Date: 31.JUL.2024 17:01:28

Highest Band Edge / 1RBmax



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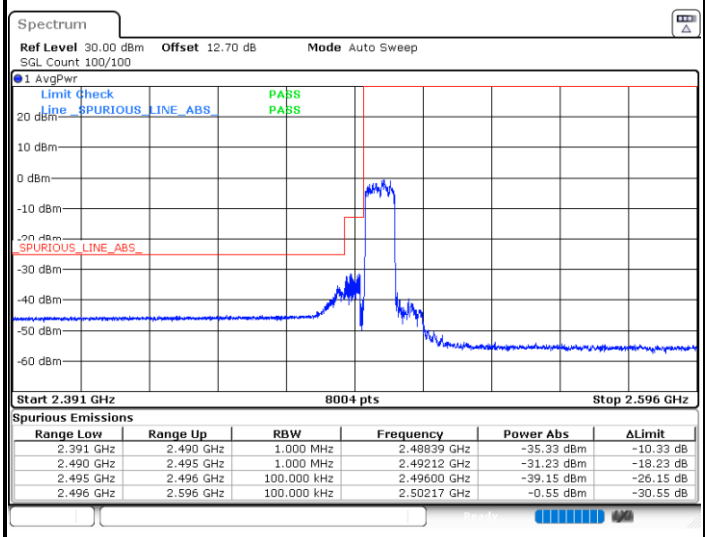
Lowest Band Edge / Full RB



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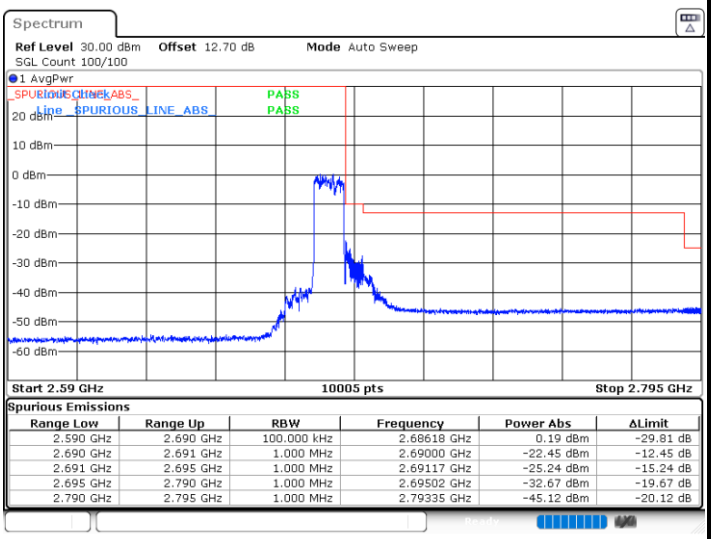
Highest Band Edge / Full RB



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