



N7(25M)_DFT-s-OFDM QPSK Outer Full Low CH



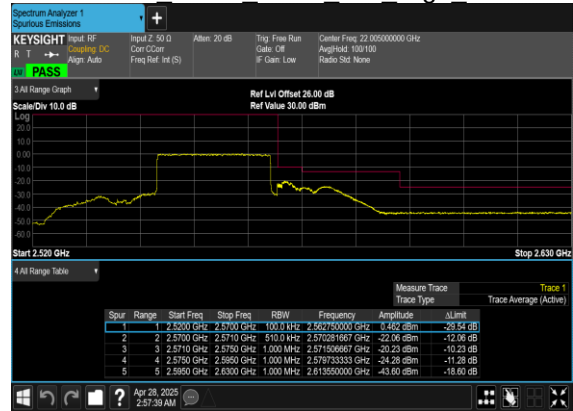
N7(25M)_DFT-s-OFDM BPSK Edge 1RB Right High CH

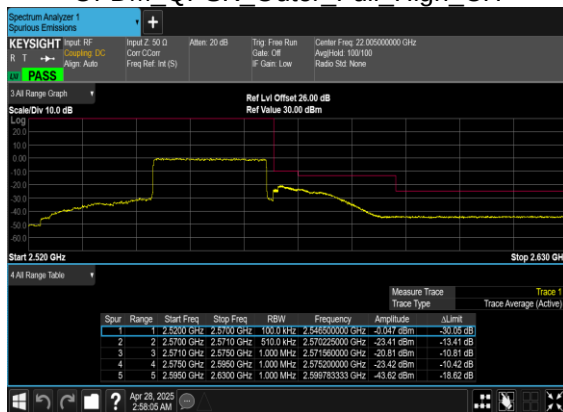
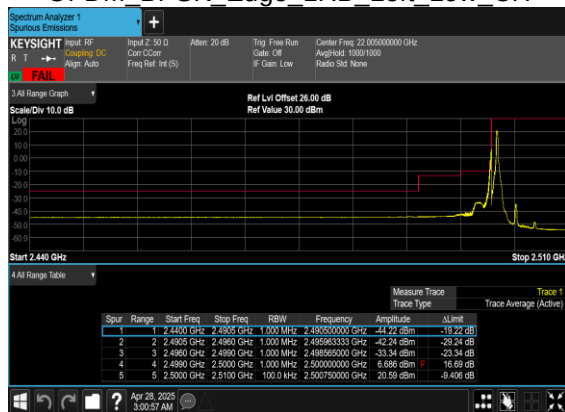
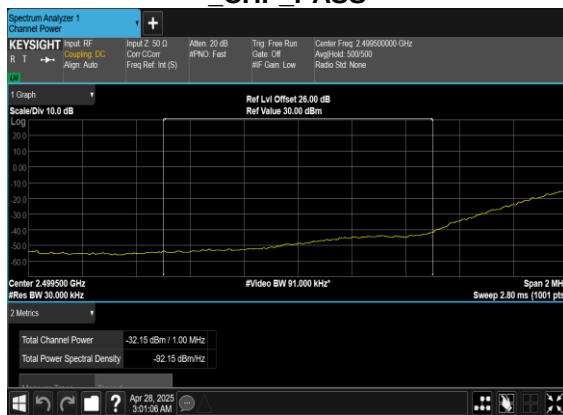
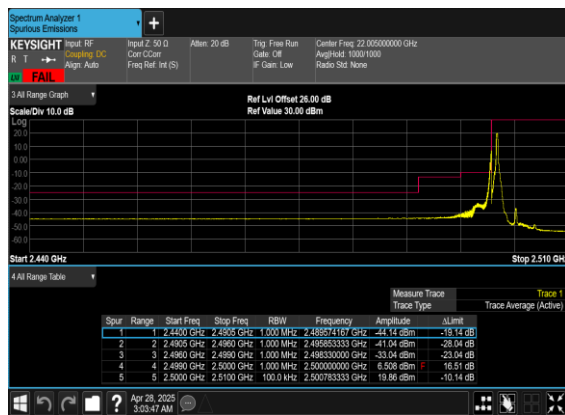


N7(25M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



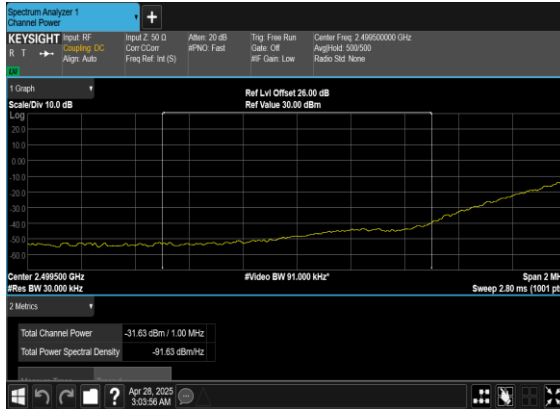
N7(25M)_DFT-s-OFDM BPSK Outer Full High CH



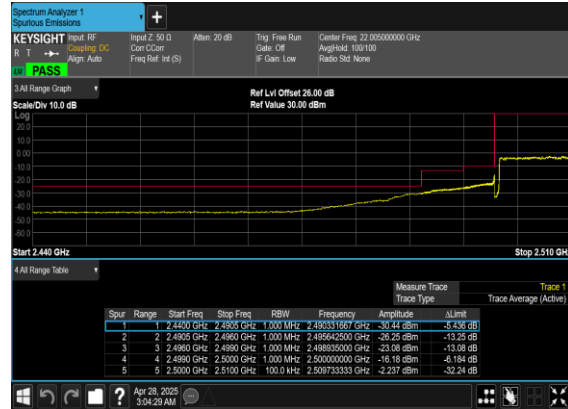
N7(25M)_DFT-s-
OFDM QPSK Outer Full High CHN7(50M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CHN7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH
CHP PASSN7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



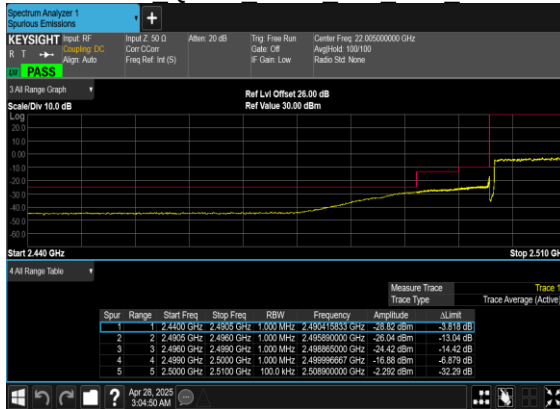
N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH
CHP_PASS



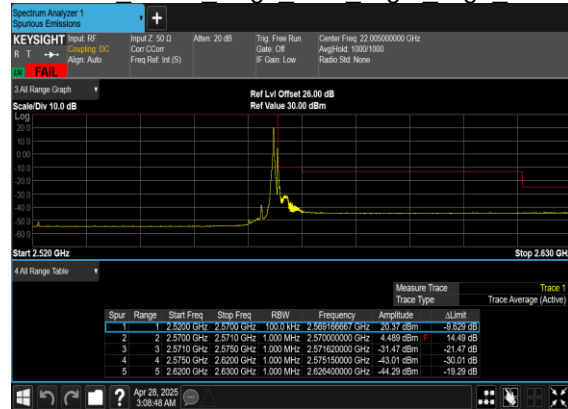
N7(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N7(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH





N7(50M)_DFT-s-
OFDM QPSK Outer Full High CH





FR1 N7

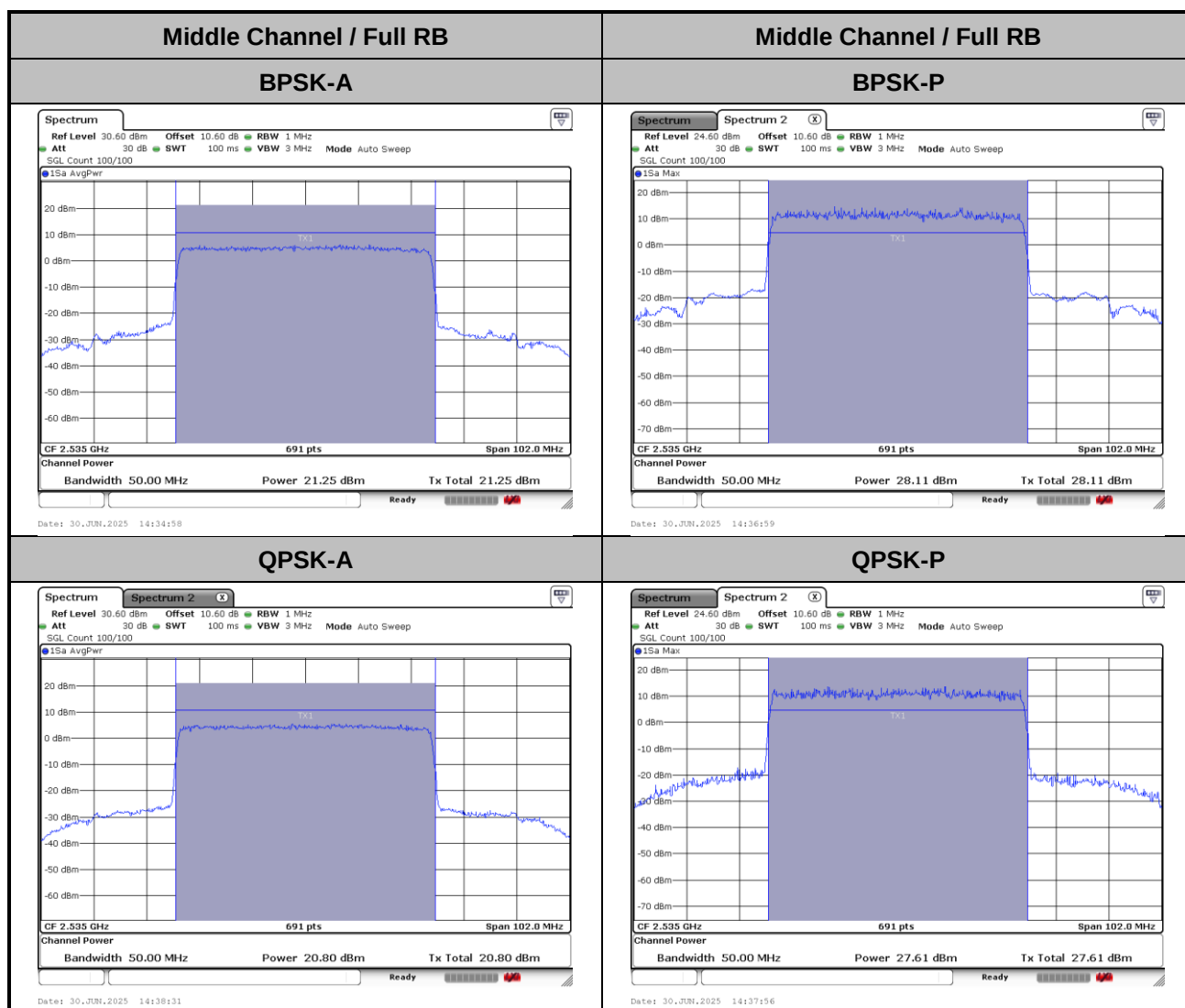
Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-5.1 dB

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Gain	EIRP	EIRP	EIRP
Channel				505000	507000	509000	Gain			
Frequency (MHz)				2525	2535	2545		L	M	H
50	PI/2 BPSK	135	67	23.55	23.57	23.57	-5.10	0.0700	0.0703	0.0004
50	QPSK	270	0	23.03	23.02	23.11	-5.10	0.0621	0.0619	0.0632
50	QPSK	1	0	23.21	23.21	23.25	-5.10	0.0647	0.0647	0.0653
50	QPSK	1	269	22.86	22.93	22.99	-5.10	0.0597	0.0607	0.0615
50	QPSK	135	67	23.60	23.62	23.61	-5.10	0.0708	0.0711	0.0710
50	QPSK	270	0	22.56	22.53	22.54	-5.10	0.0557	0.0553	0.0555
50	QPSK	1	0	22.75	22.81	22.85	-5.10	0.0582	0.0590	0.0596
50	QPSK	1	269	22.53	22.55	22.63	-5.10	0.0553	0.0556	0.0566
50	16QAM	135	67	22.50	22.57	22.65	-5.10	0.0550	0.0558	0.0569
50	64QAM	135	67	20.98	21.01	21.04	-5.10	0.0387	0.0390	0.0393
50	256QAM	135	67	18.96	19.01	19.09	-5.10	0.0243	0.0246	0.0251
Channel				504000	507000	510000	Gain			
Frequency (MHz)				2520	2535	2550		EIRP	EIRP	EIRP
40	QPSK	108	54	23.50	23.55	23.58	-5.10	0.0692	0.0700	0.0705
Channel				503000	507000	511000	Gain			
Frequency (MHz)				2515	2535	2555		EIRP	EIRP	EIRP
30	QPSK	80	40	23.49	23.51	23.50	-5.10	0.0690	0.0693	0.0692
Channel				502500	507000	511500	Gain			
Frequency (MHz)				2512.5	2535	2557.5		EIRP	EIRP	EIRP
25	QPSK	64	32	23.52	23.48	23.53	-5.10	0.0695	0.0689	0.0697
Channel				502000	507000	512000	Gain			
Frequency (MHz)				2510	2535	2560		EIRP	EIRP	EIRP
20	QPSK	50	25	23.53	23.49	23.52	-5.10	0.0697	0.0690	0.0695
Channel				501500	507000	512500	Gain			
Frequency (MHz)				2507.5	2535	2562.5		EIRP	EIRP	EIRP
15	QPSK	36	18	23.48	23.54	23.56	-5.10	0.0689	0.0698	0.0701
Channel				501000	507000	513000	Gain			
Frequency (MHz)				2505	2535	2565		EIRP	EIRP	EIRP
10	QPSK	25	12	23.46	23.47	23.53	-5.10	0.0685	0.0687	0.0697
Channel				500500	507000	513500	Gain			
Frequency (MHz)				2502.5	2535	2567.5		EIRP	EIRP	EIRP
5	QPSK	12	6	23.50	23.56	23.49	-5.10	0.0692	0.0701	0.0690



Peak-to-Average Ratio

Mode	FR1 n7 / 50MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK			Limit: 13dB
RB Size	Full RB	Full RB			Result
Middle CH	6.86	6.81			PASS



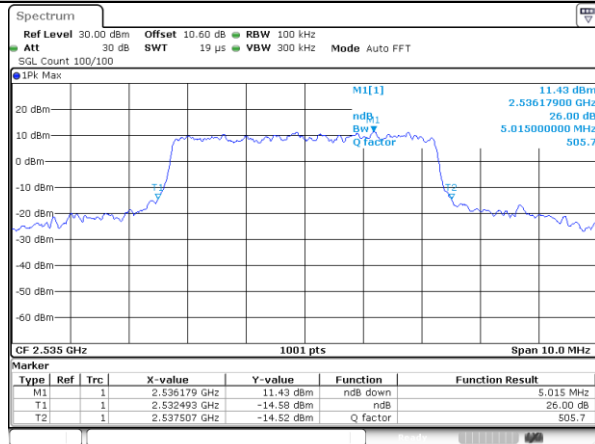
**26dB Bandwidth**

Mode	FR1 n7 : 26dB BW(MHz) / CP OFDM			
BW	5M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	5.02	5.36	5.20	5.05
BW	10M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	10.29	10.35	10.33	10.43
BW	15M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	15.32	15.02	15.02	15.08
BW	20M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	20.06	19.82	20.06	19.74
BW	25M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	24.93	24.73	24.73	24.68
BW	30M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	29.67	29.61	29.49	29.61
BW	40M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	41	41.16	41	41
BW	50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	50.85	50.65	50.65	50.55

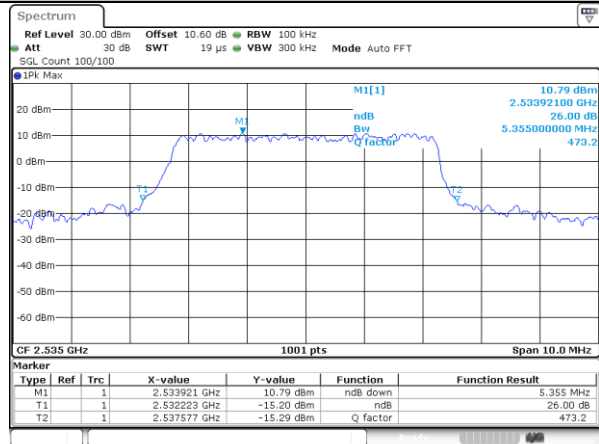


5M

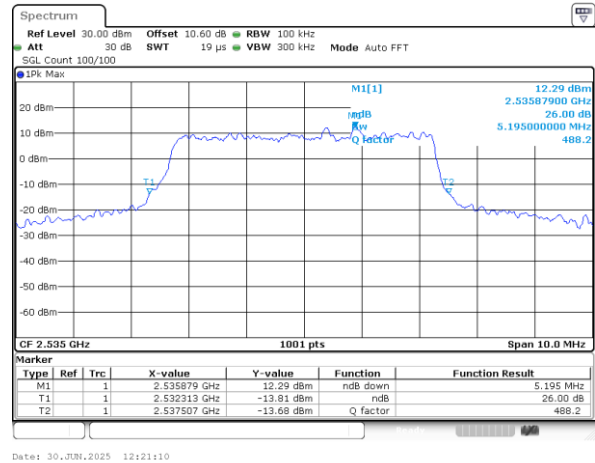
QPSK



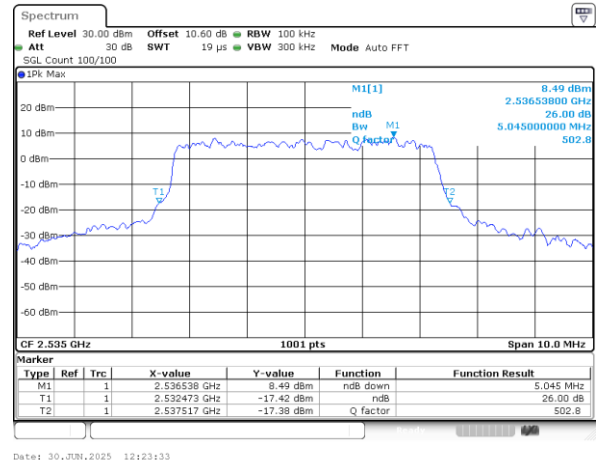
16QAM



64QAM



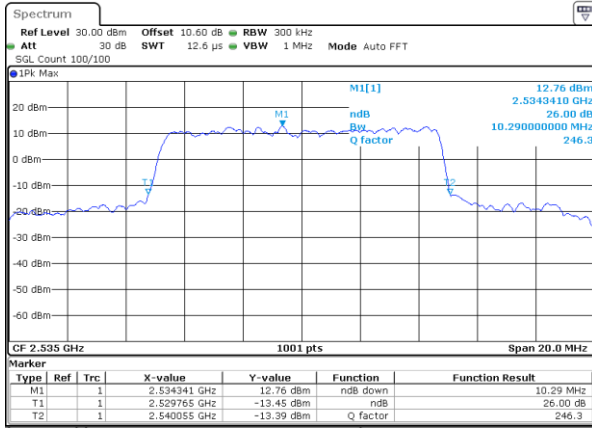
256QAM



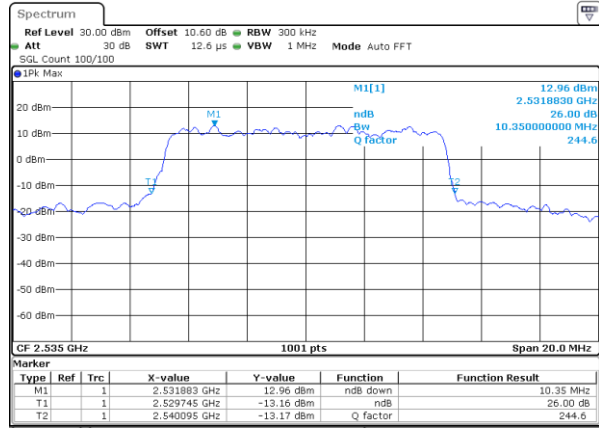


10M

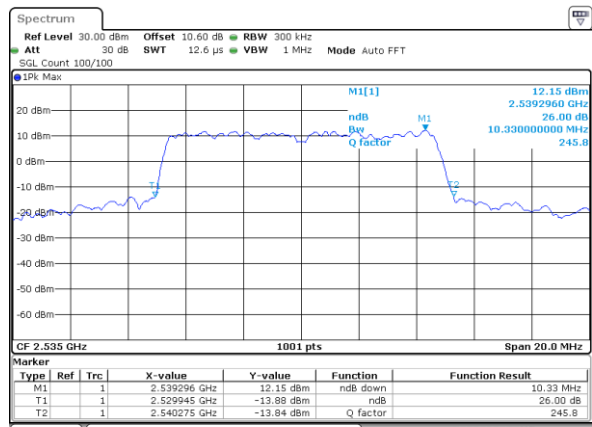
QPSK



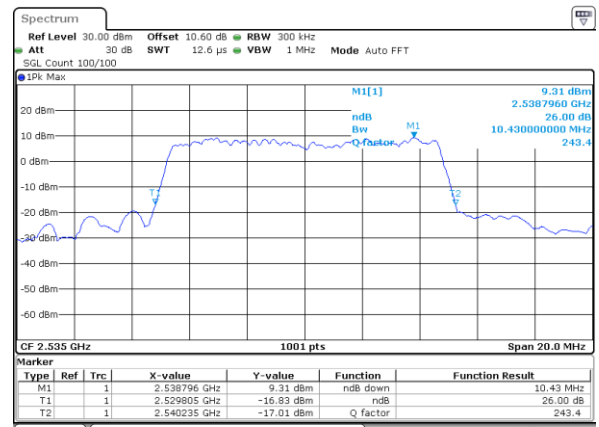
16QAM



64QAM



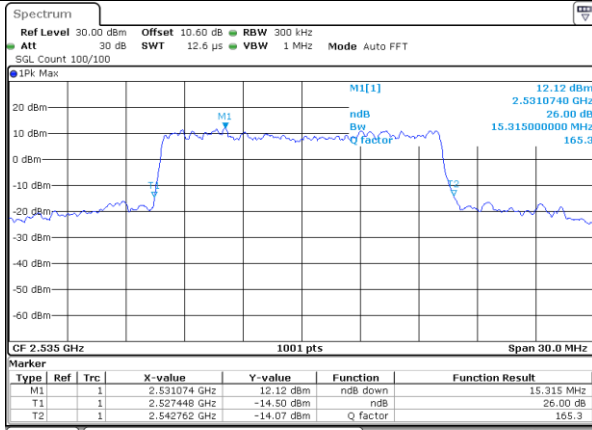
256QAM



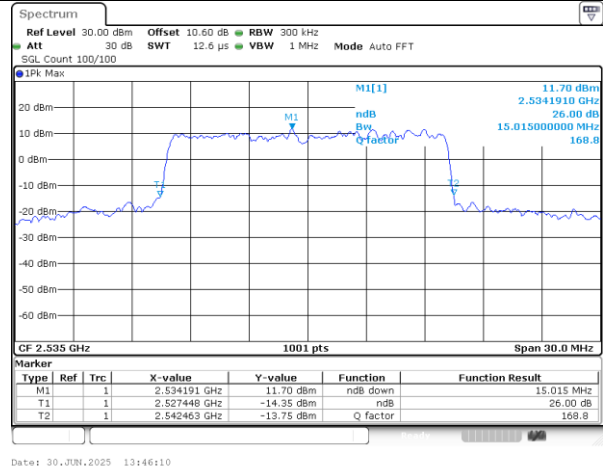


15M

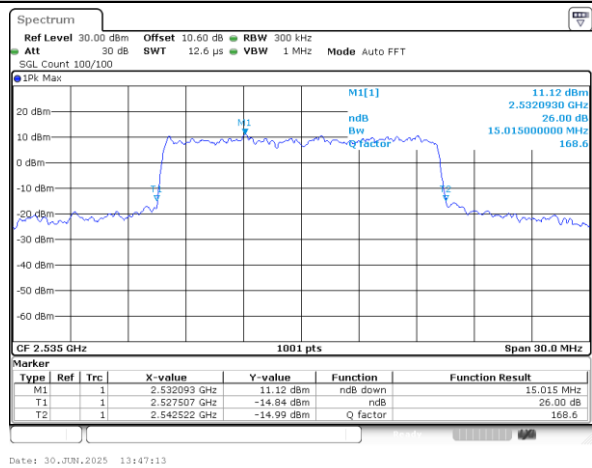
QPSK



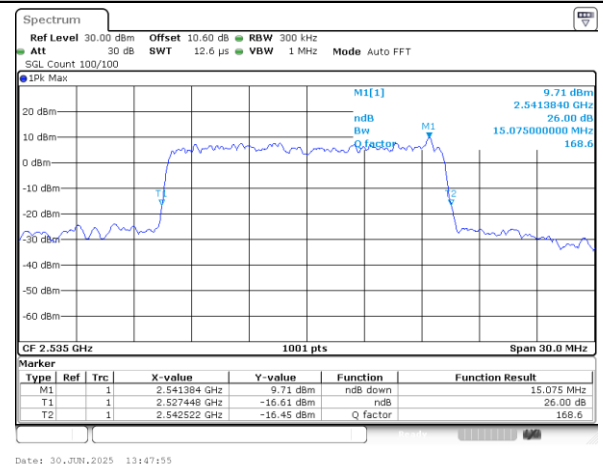
16QAM



64QAM



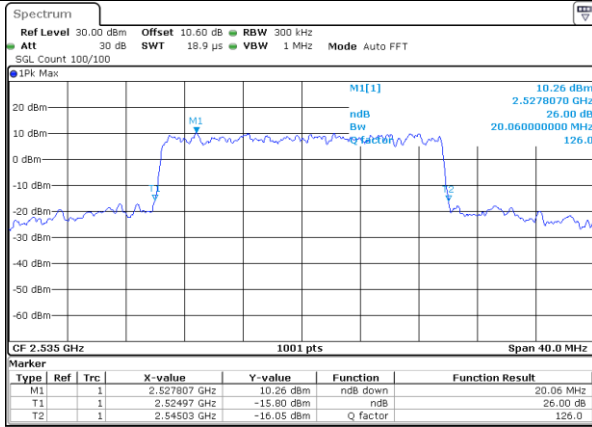
256QAM



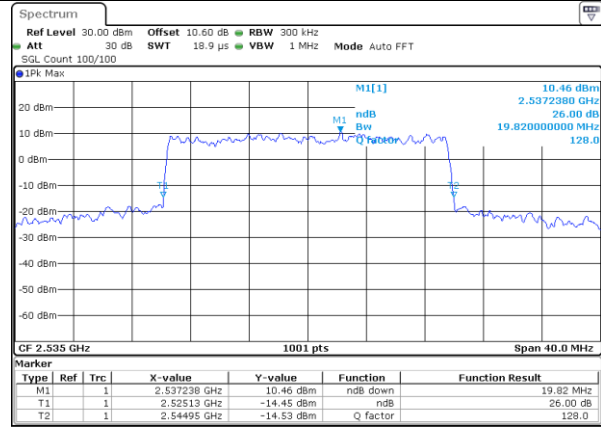


20M

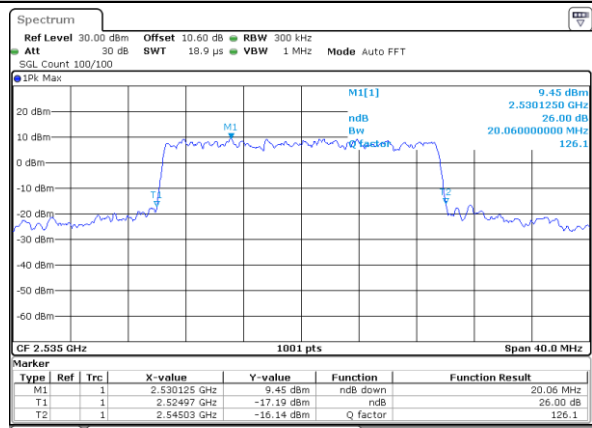
QPSK



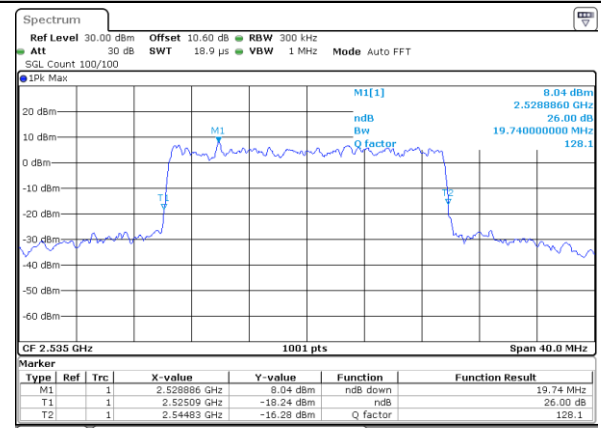
16QAM



64QAM



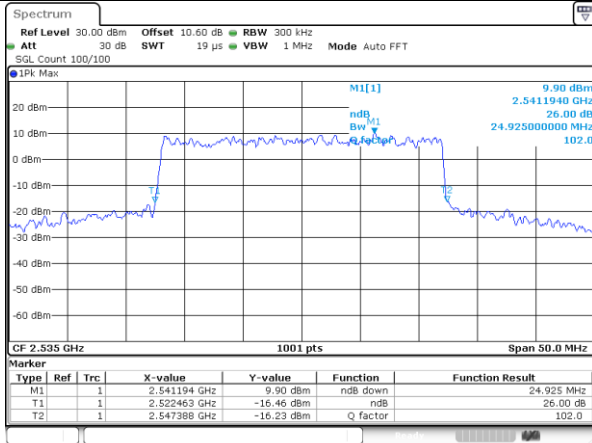
256QAM



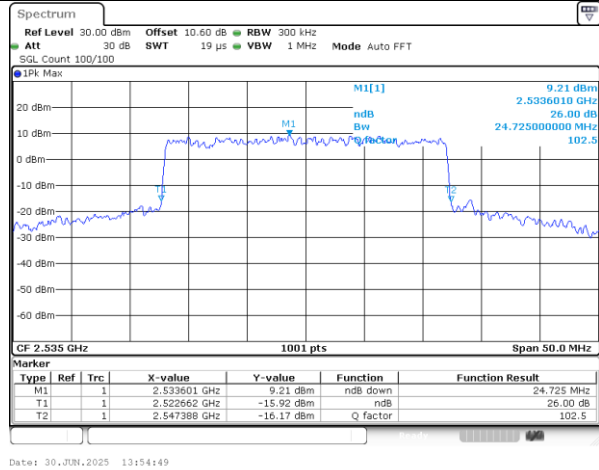


25M

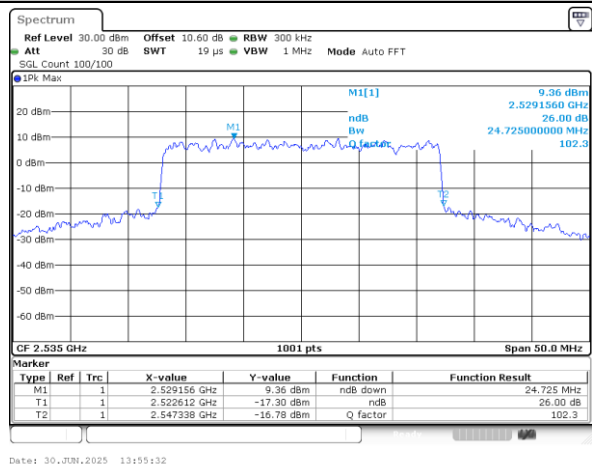
QPSK



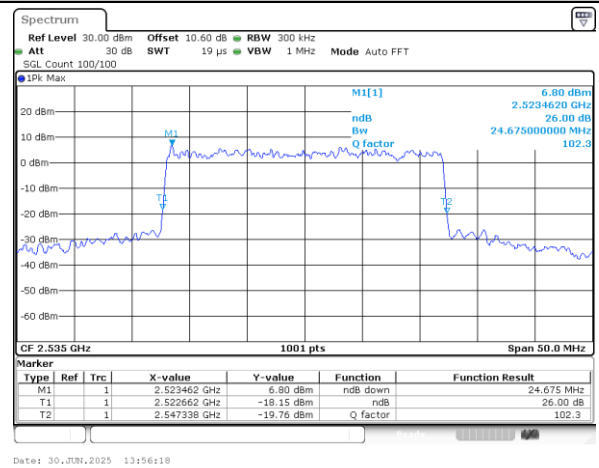
16QAM



64QAM



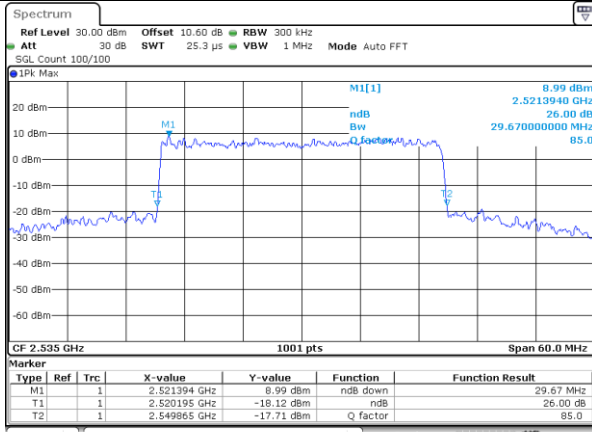
256QAM



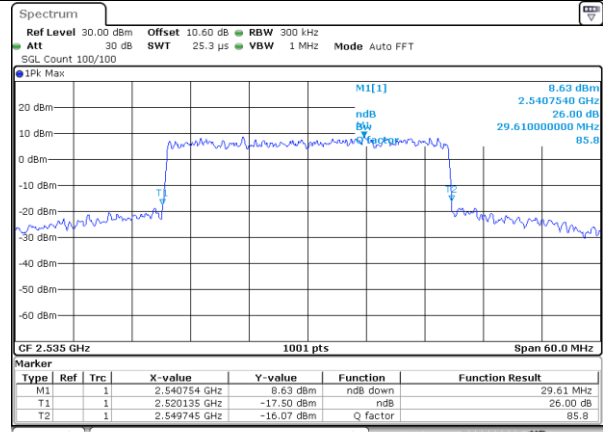


30M

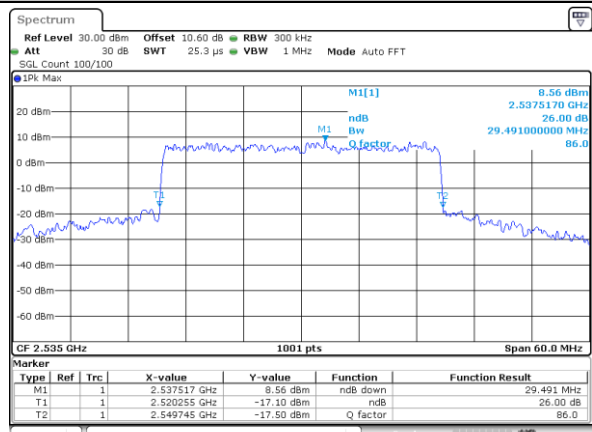
QPSK



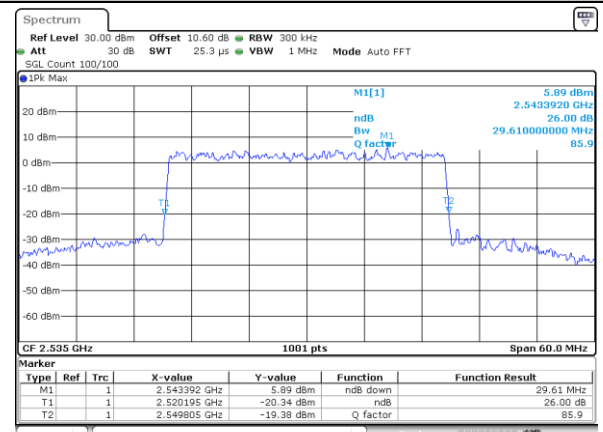
16QAM



64QAM



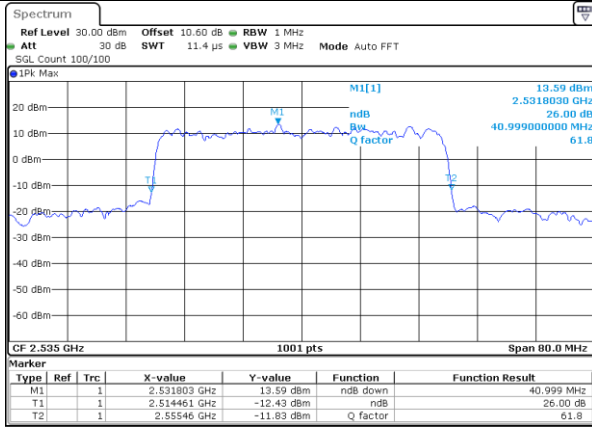
256QAM



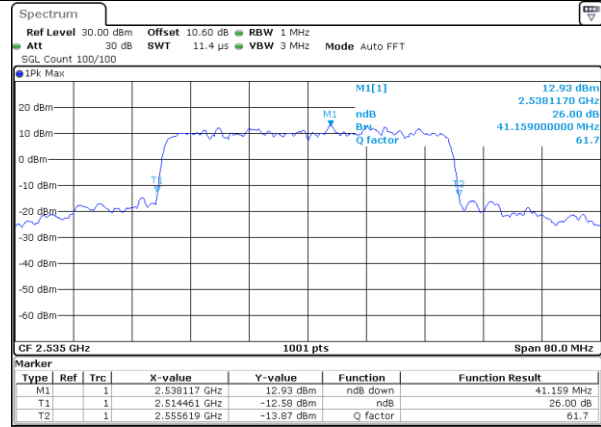


40M

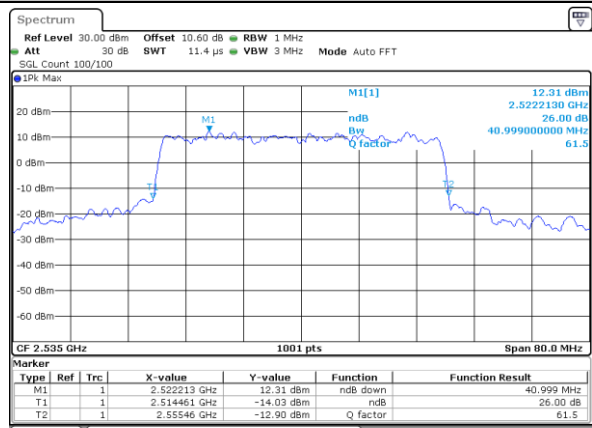
QPSK



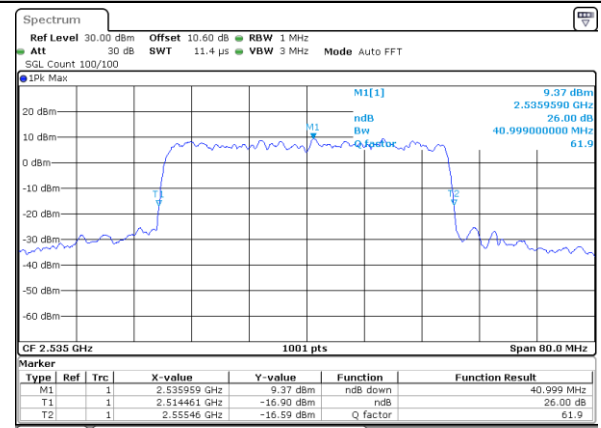
16QAM



64QAM



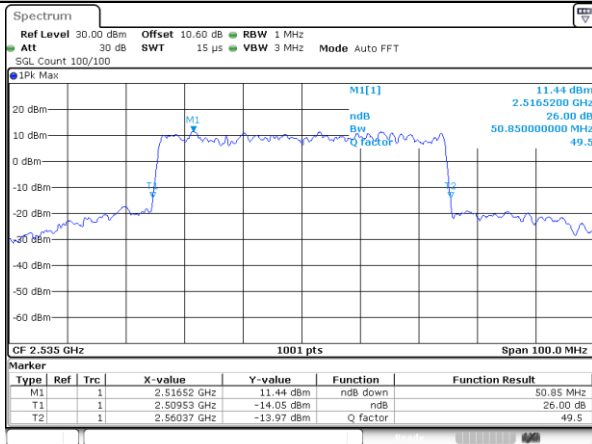
256QAM



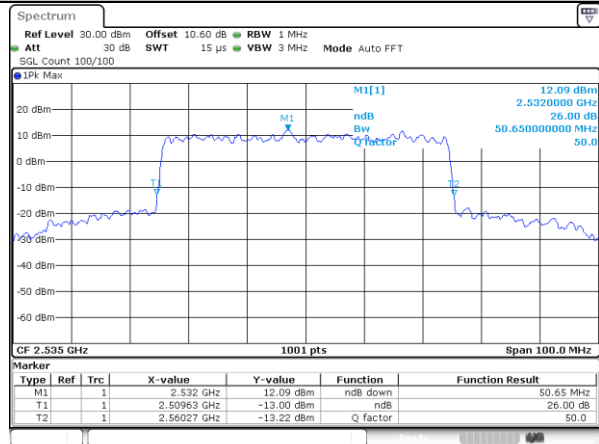


50M

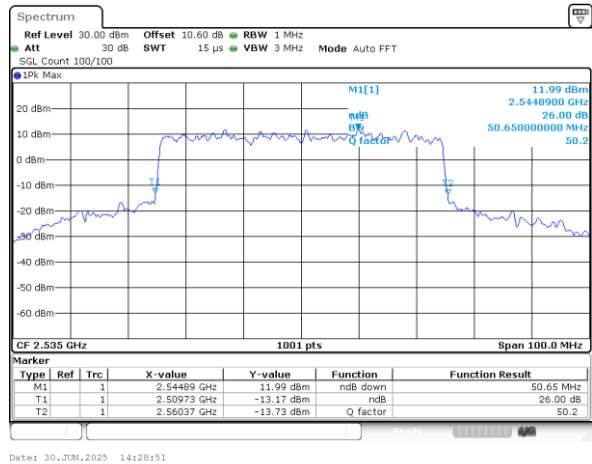
QPSK



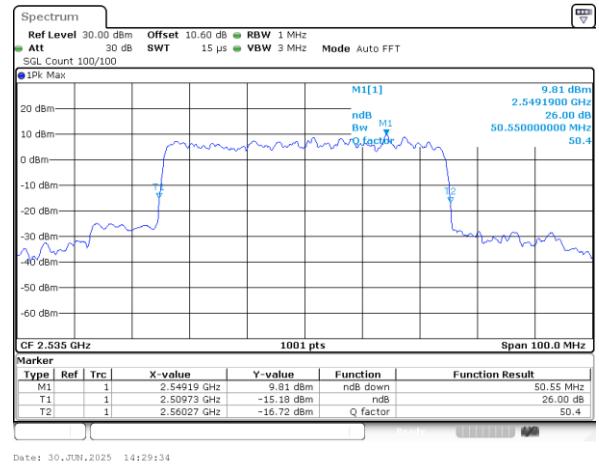
16QAM



64QAM



256QAM



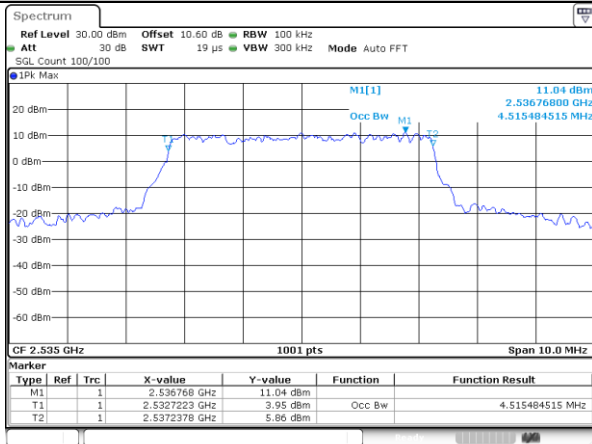
**Occupied Bandwidth**

Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM			
BW	5M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	4.52	4.51	4.53	4.49
BW	10M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.39	9.43	9.39	9.39
BW	15M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	14.21	14.21	14.18	14.12
BW	20M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	19.06	18.94	18.98	18.90
BW	25M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	23.83	23.78	23.78	23.73
BW	30M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	28.59	28.53	28.53	28.53
BW	40M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	38.68	38.68	38.84	38.68
BW	50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	48.45	48.25	48.05	48.25

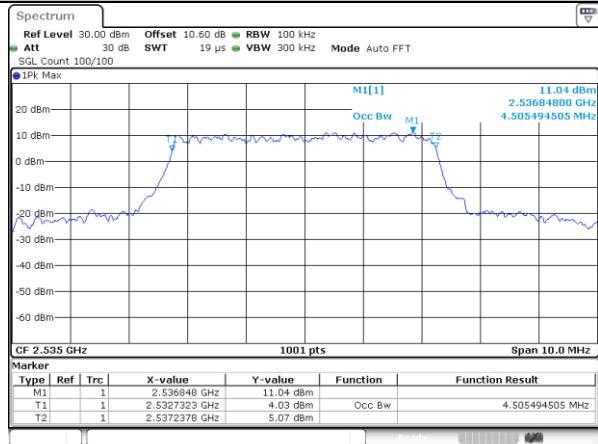


5M

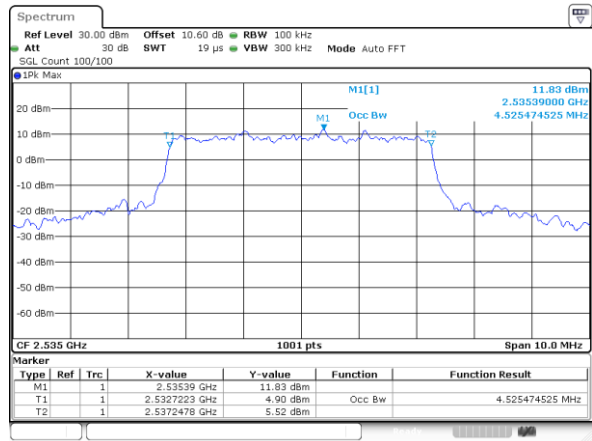
QPSK



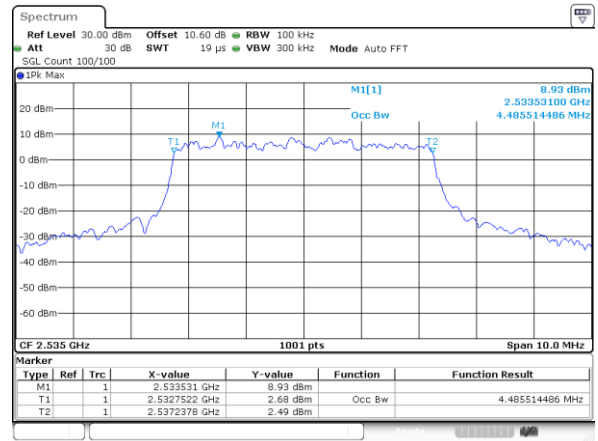
16QAM



64QAM



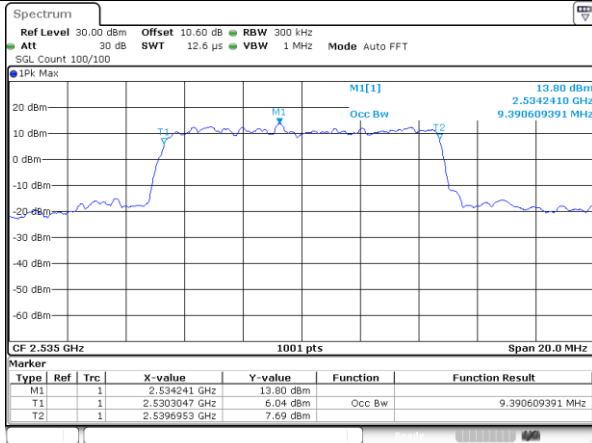
256QAM



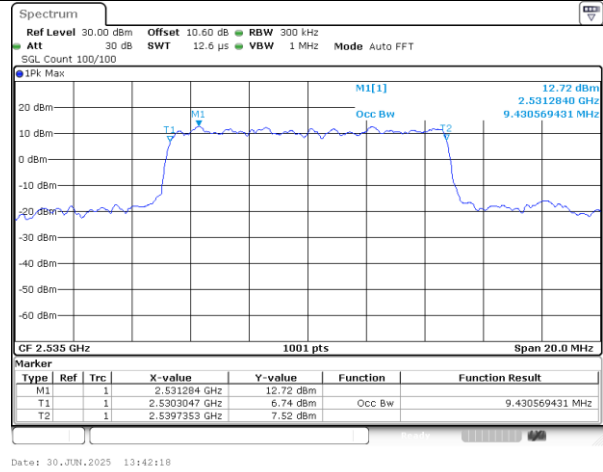


10M

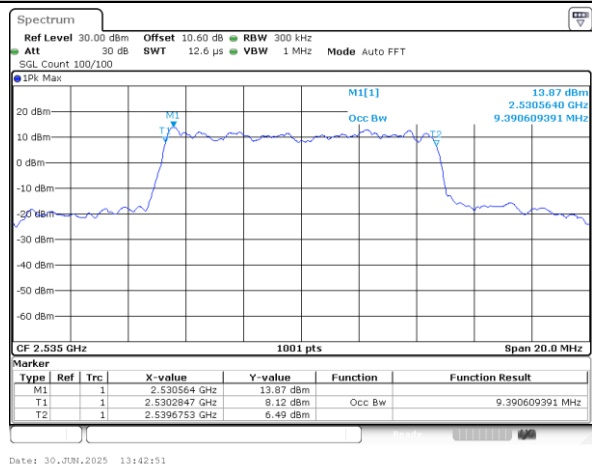
QPSK



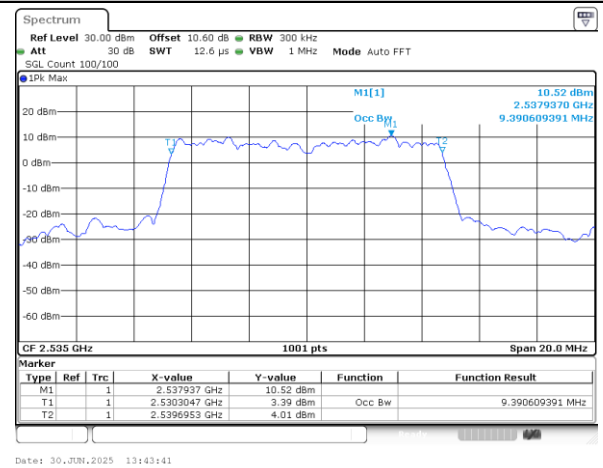
16QAM



64QAM



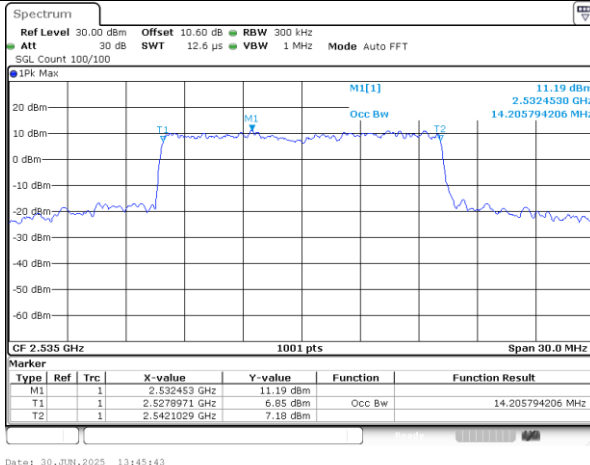
256QAM



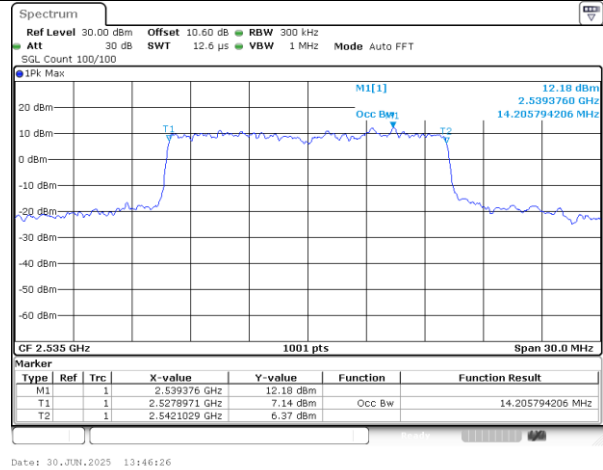


15M

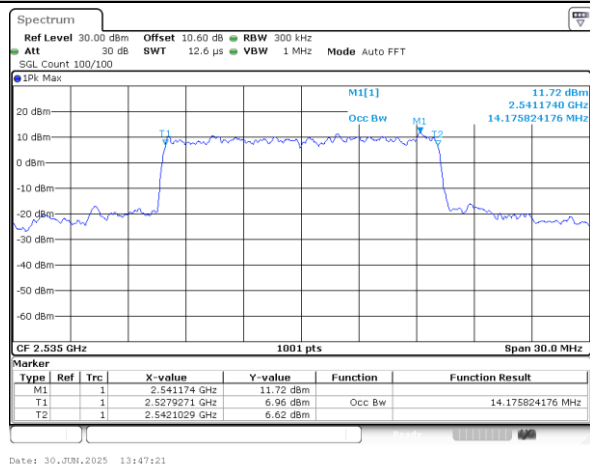
QPSK



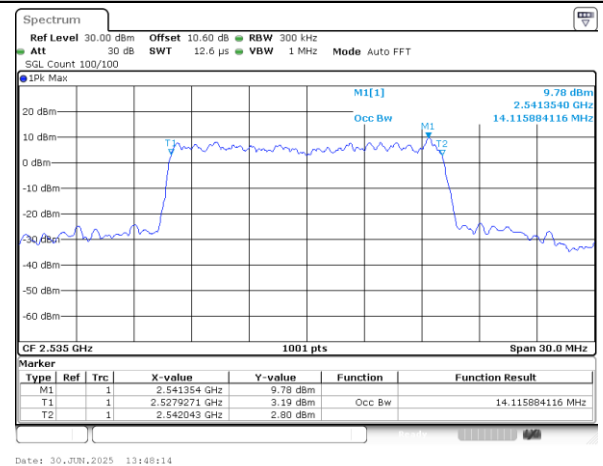
16QAM



64QAM



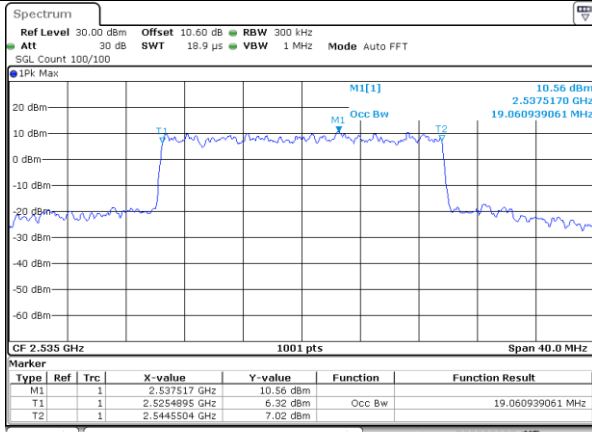
256QAM



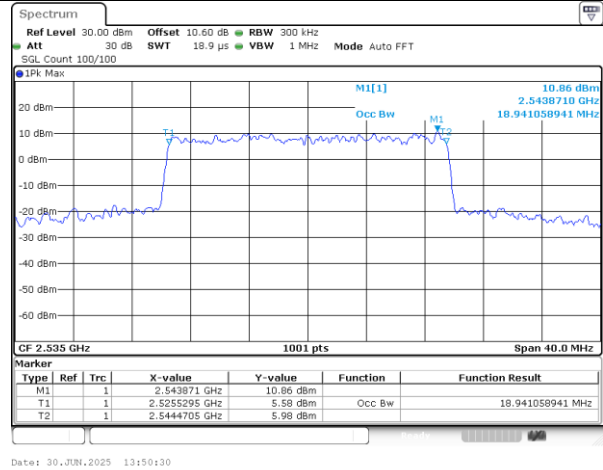


20M

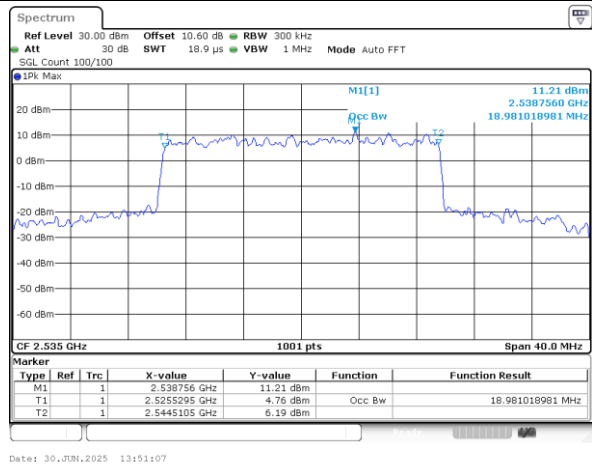
QPSK



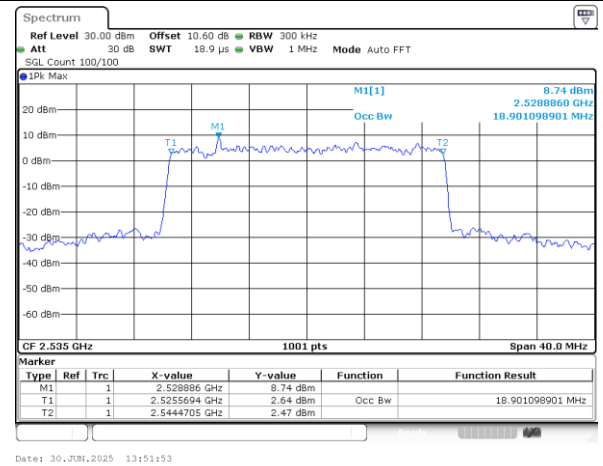
16QAM



64QAM



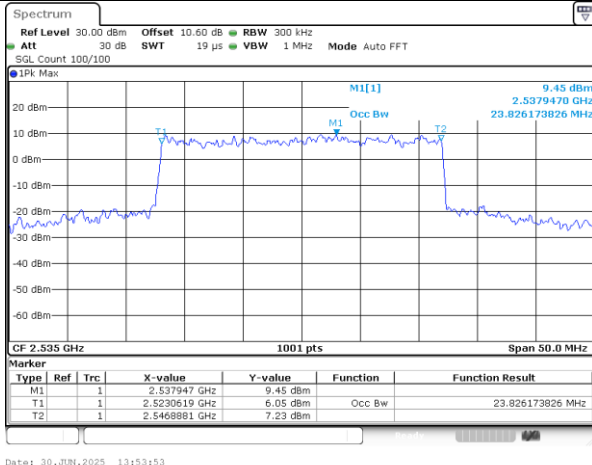
256QAM



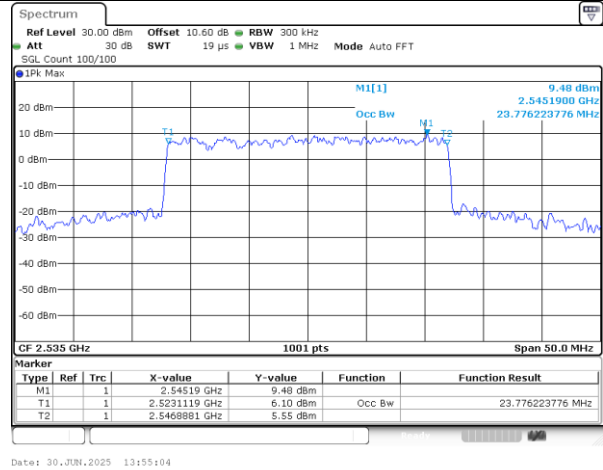


25M

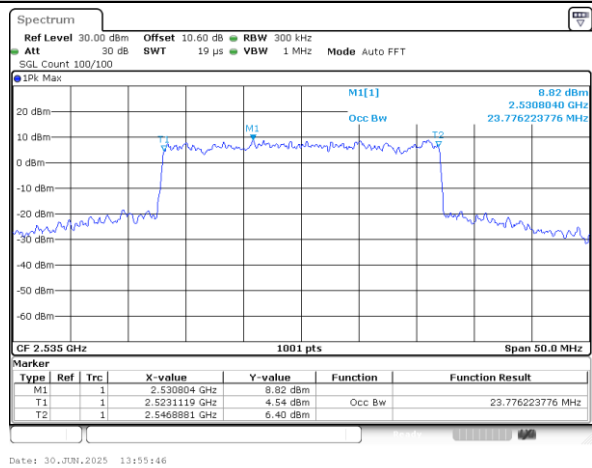
QPSK



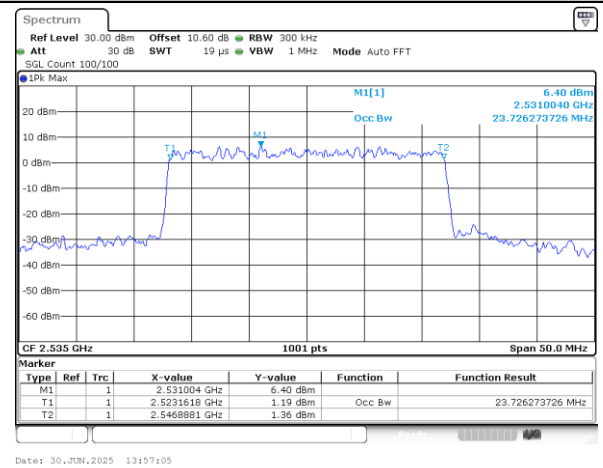
16QAM



64QAM



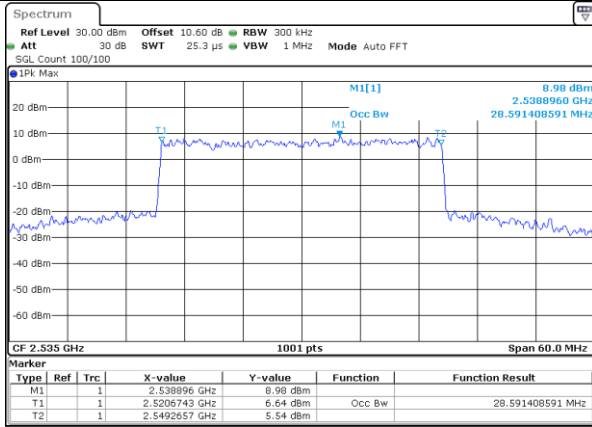
256QAM



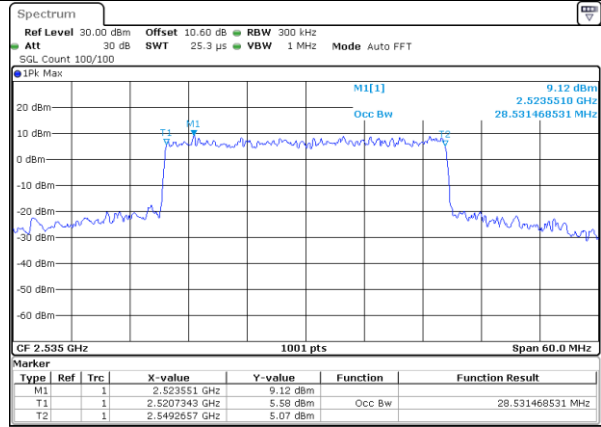


30M

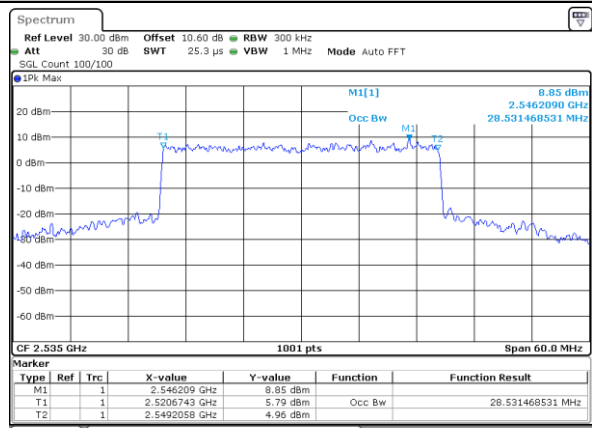
QPSK



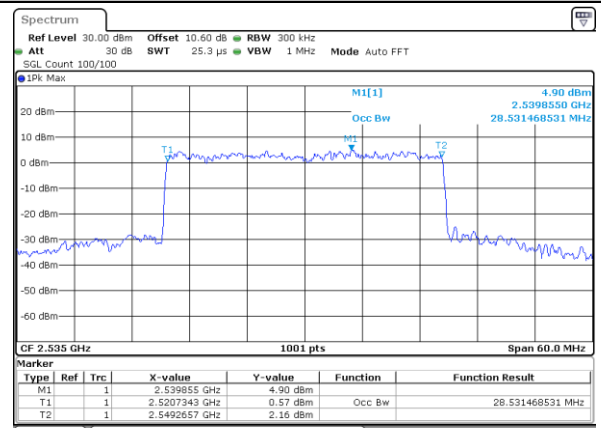
16QAM



64QAM



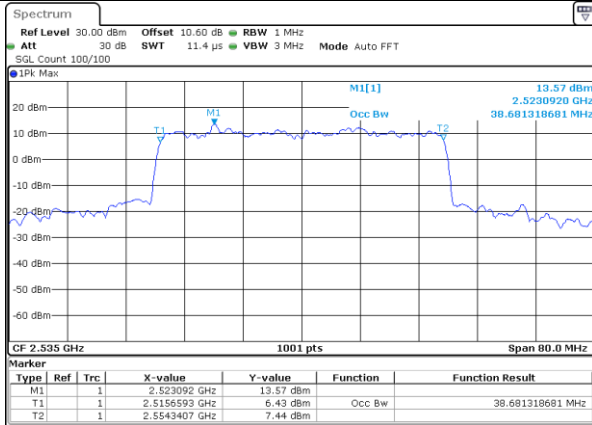
256QAM



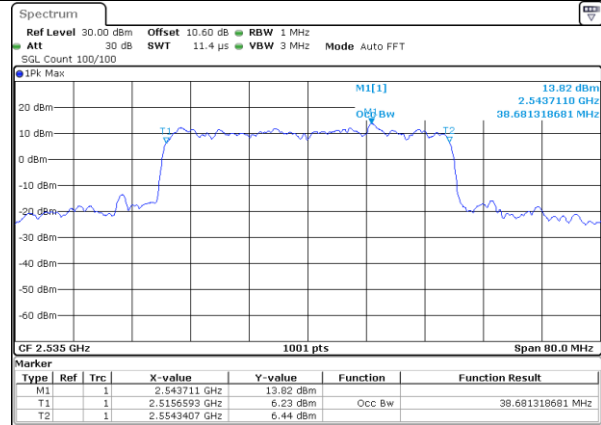


40M

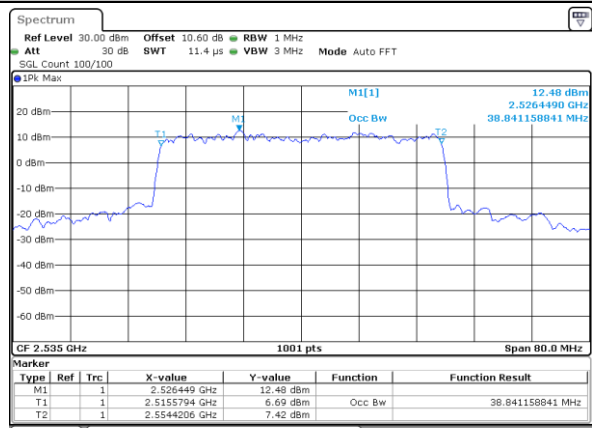
QPSK



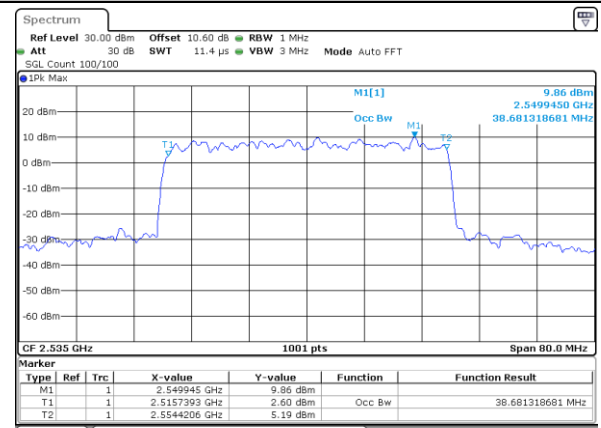
16QAM



64QAM



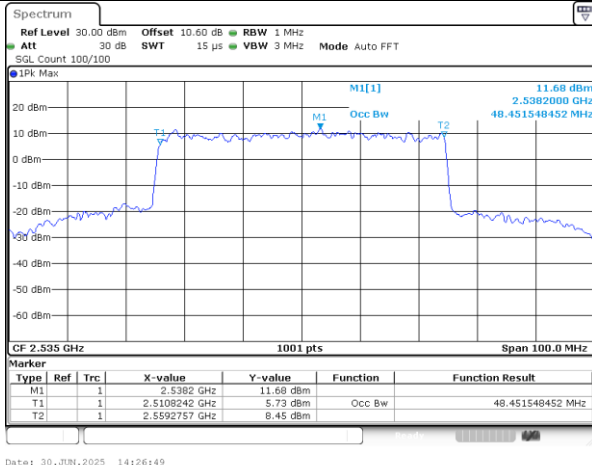
256QAM



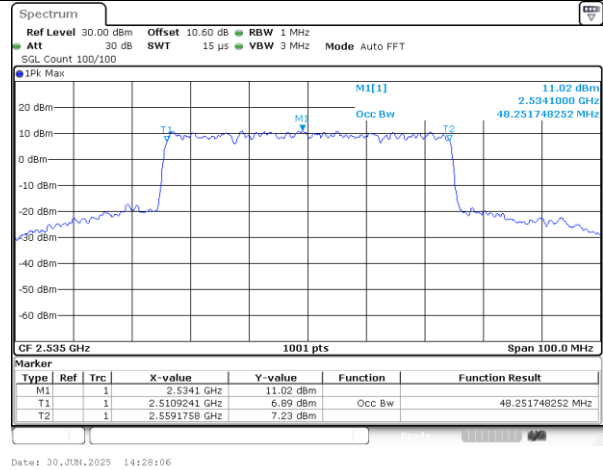


50M

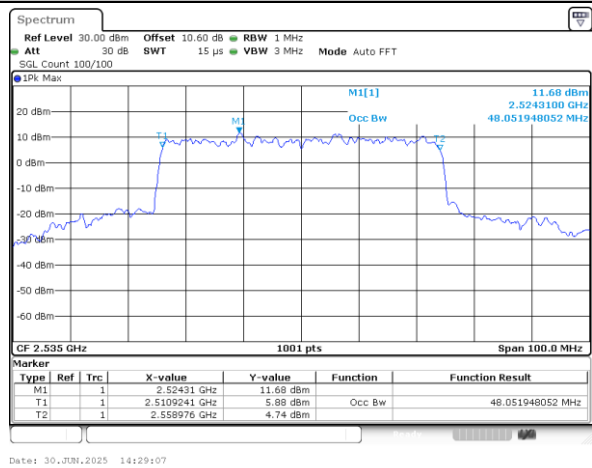
QPSK



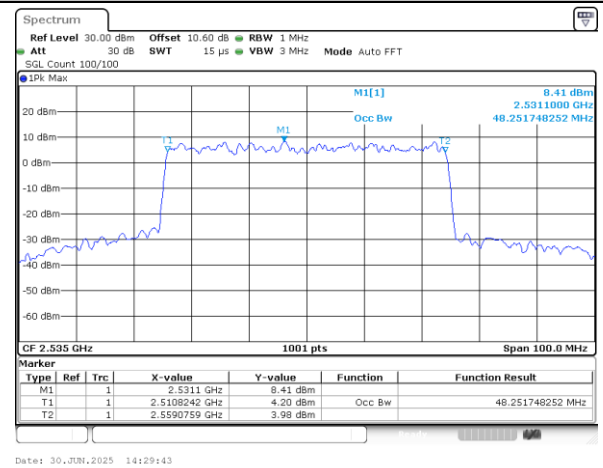
16QAM



64QAM



256QAM



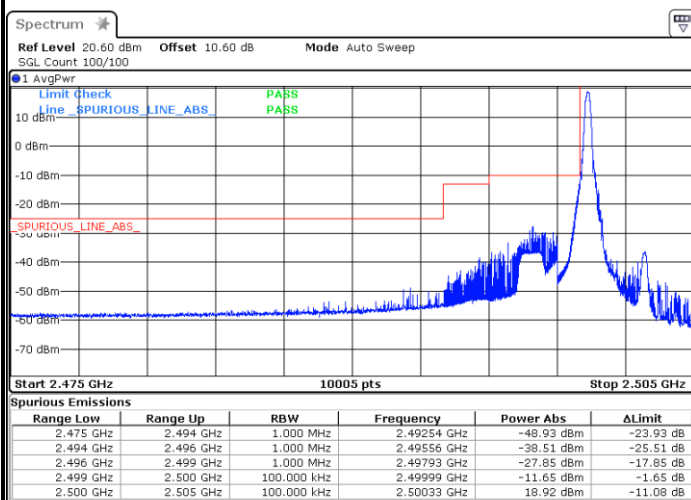


Conducted Band Edge

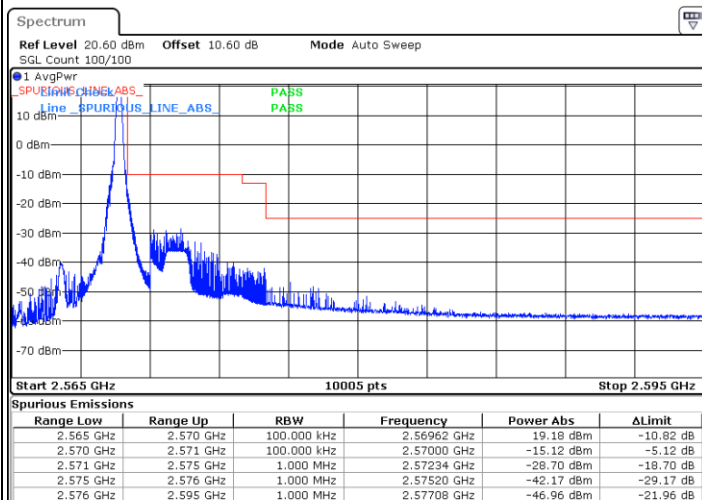
FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



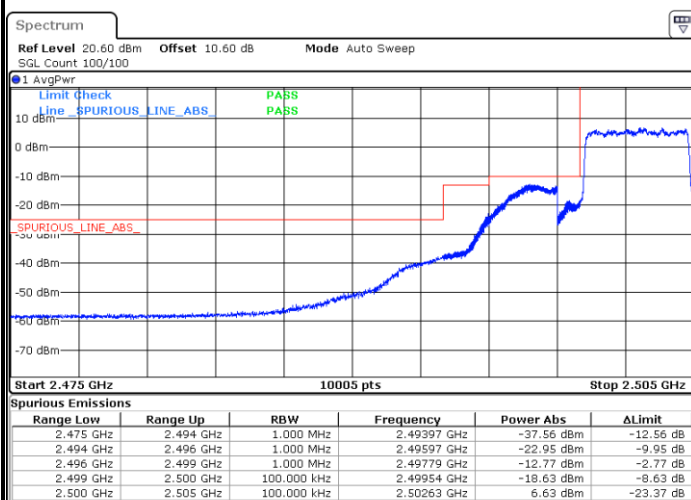
Date: 30.JUN.2025 11:56:18



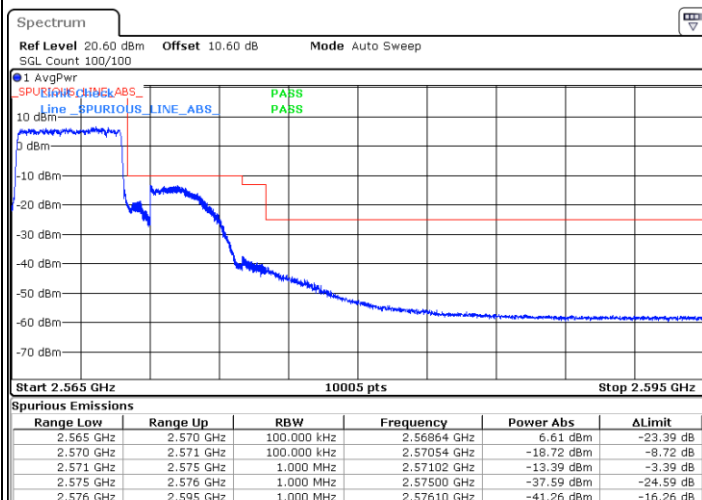
Date: 30.JUN.2025 13:31:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUN.2025 12:02:18



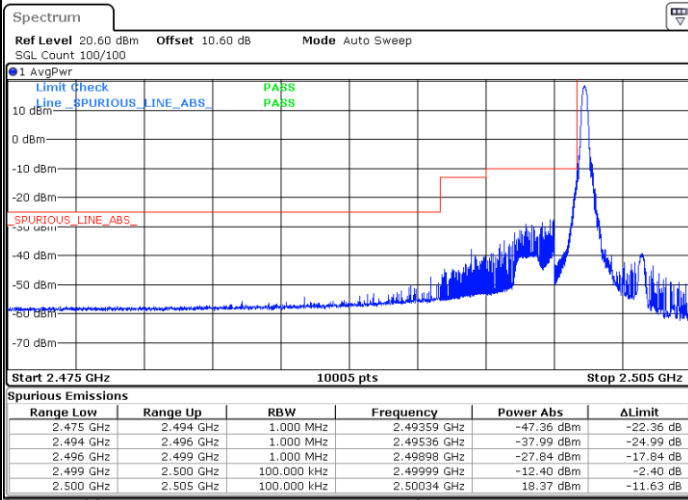
Date: 30.JUN.2025 13:31:41



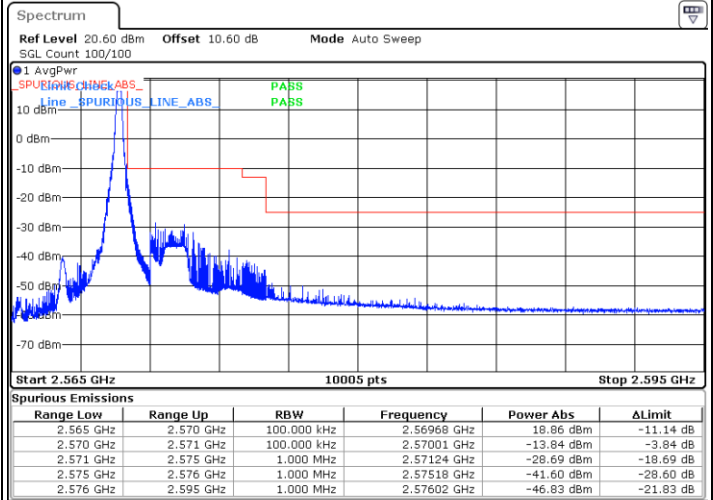
FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



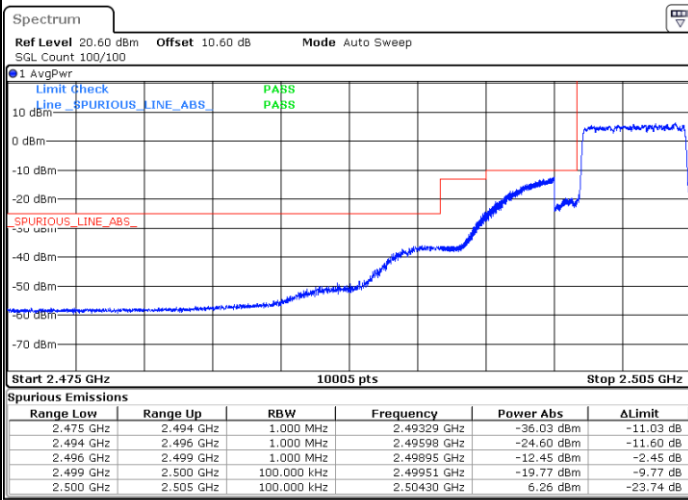
Date: 30 JUN.2025 12:00:33



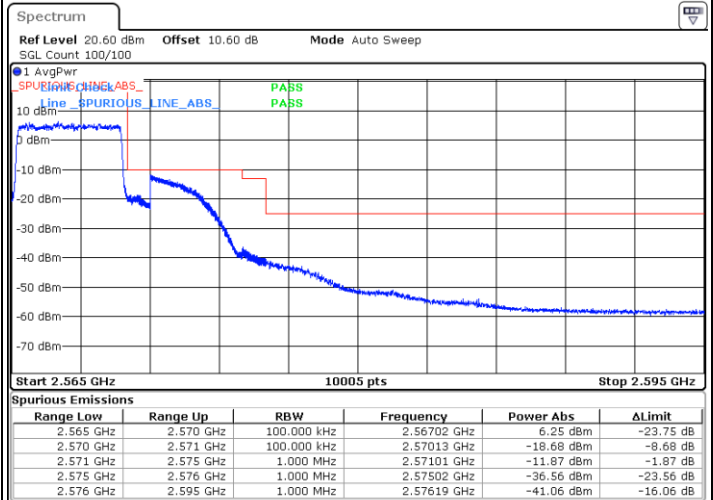
Date: 30 JUN.2025 13:30:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30 JUN.2025 12:01:48



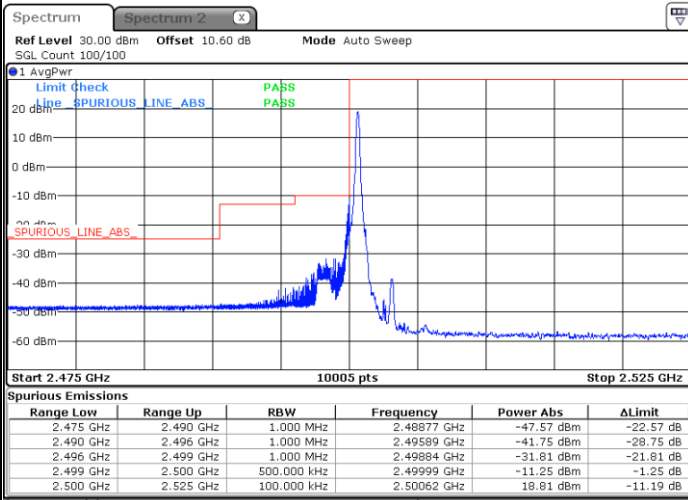
Date: 30 JUN.2025 13:32:51



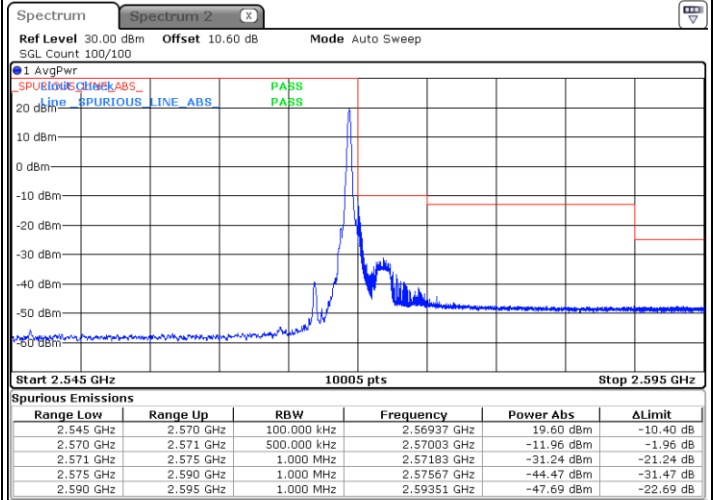
FR1 n7 / 25MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



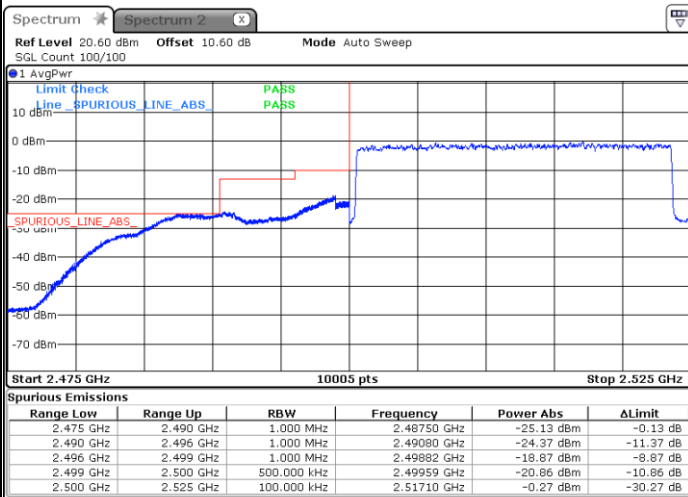
Date: 30 JUN.2025 15:25:40



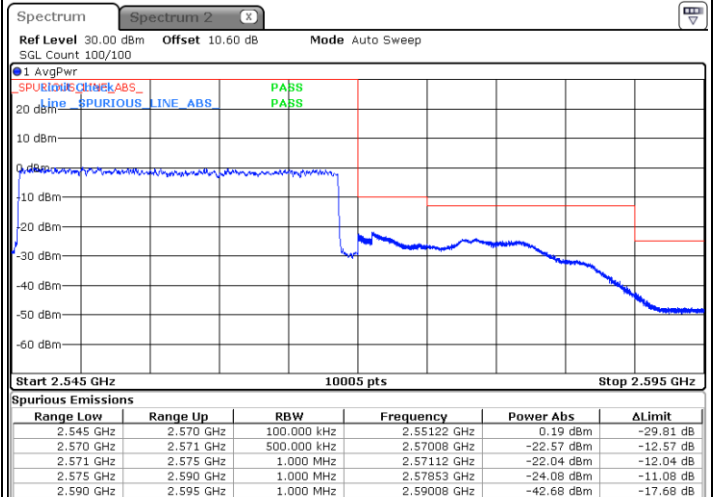
Date: 30 JUN.2025 16:03:38

Lowest Band Edge / Full RB

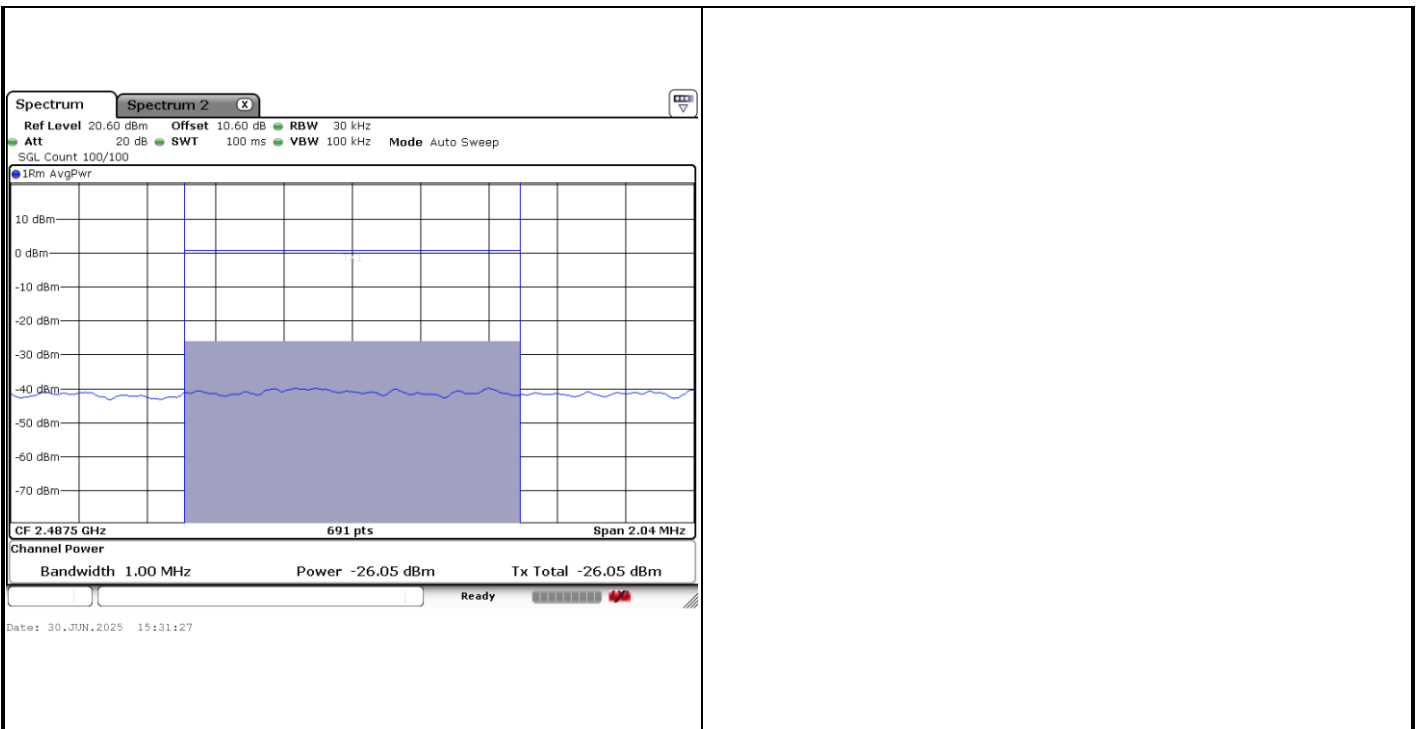
Highest Band Edge / Full RB



Date: 30 JUN.2025 15:30:02



Date: 30 JUN.2025 16:05:53

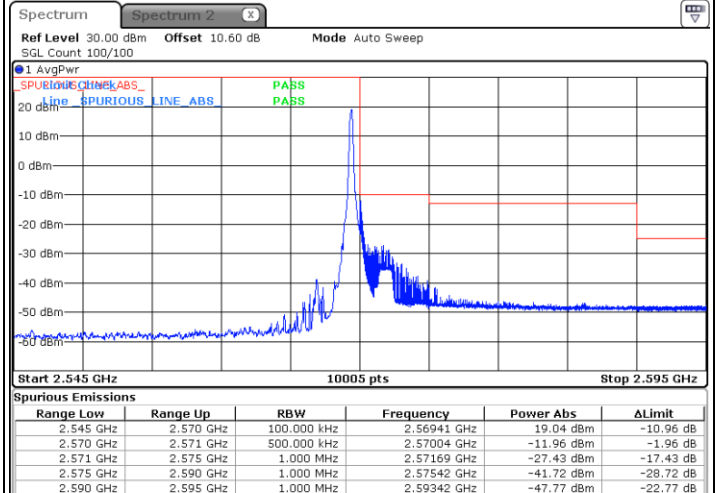
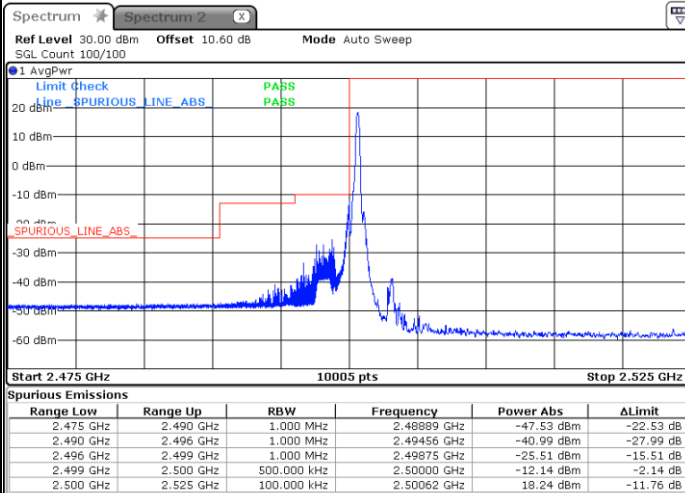




FR1 n7 / 25MHz / DFT-s-OFDM / QPSK

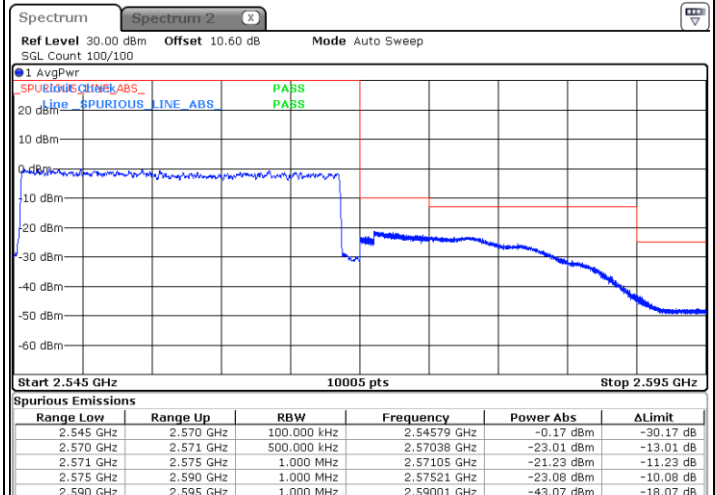
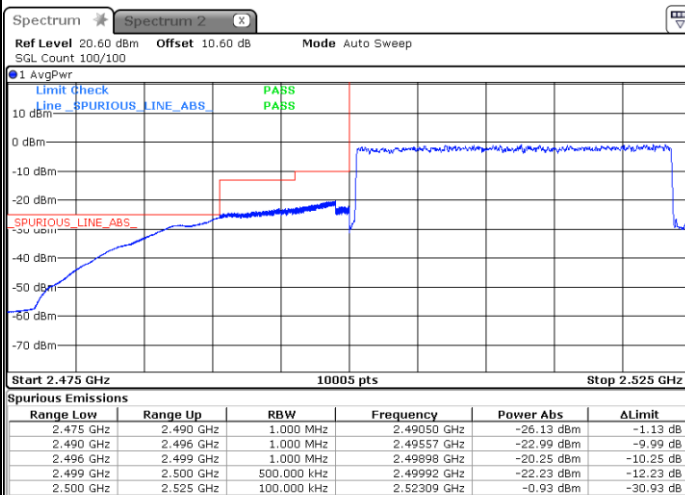
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

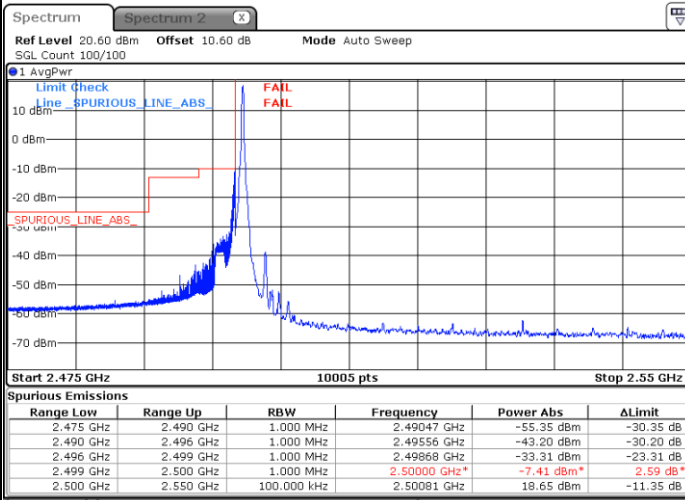




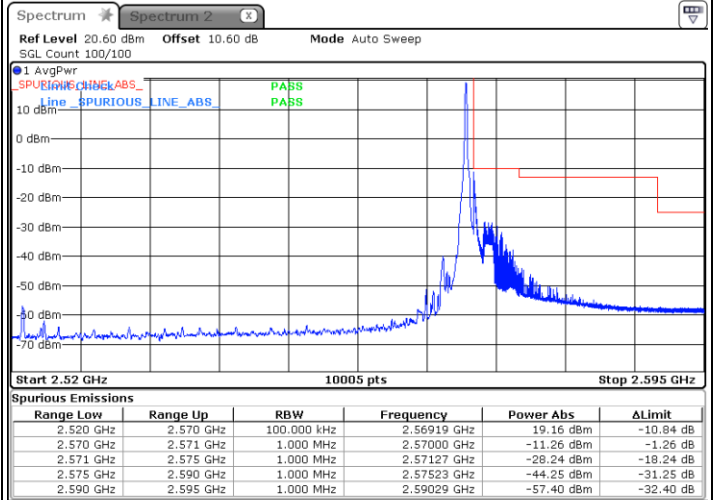
FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

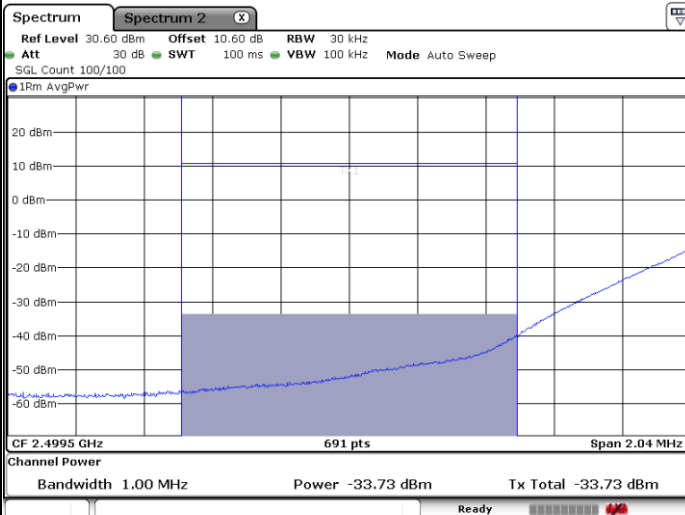
Highest Band Edge / 1RBMAX



Date: 30.JUN.2025 15:19:47



Date: 30.JUN.2025 14:56:11

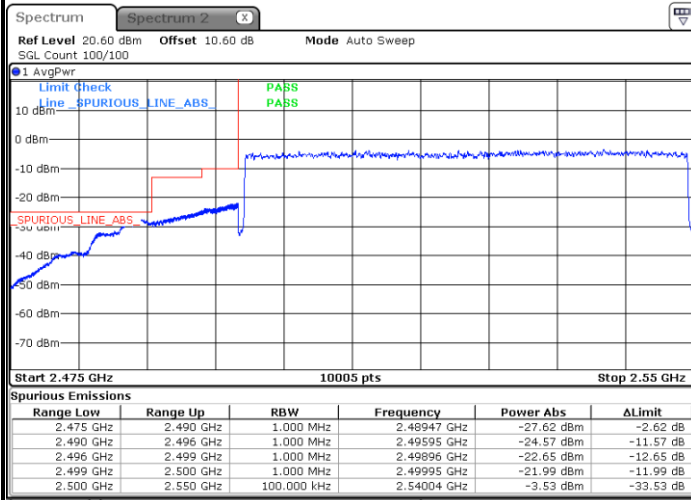


Date: 30.JUN.2025 15:18:56



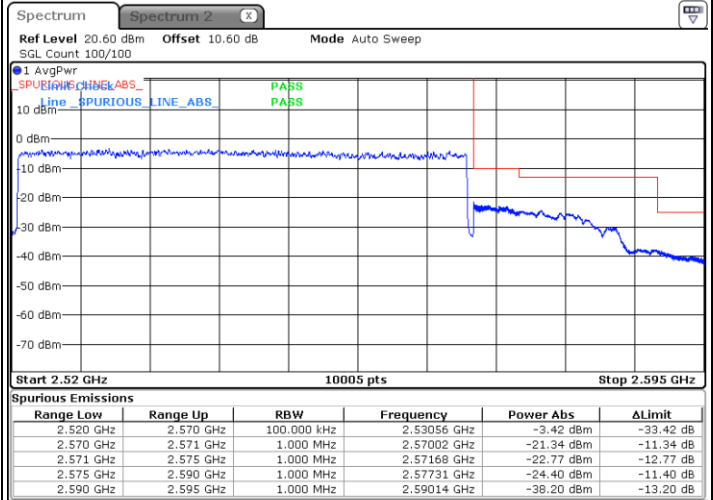
FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Date: 30 JUN 2025 15:08:59

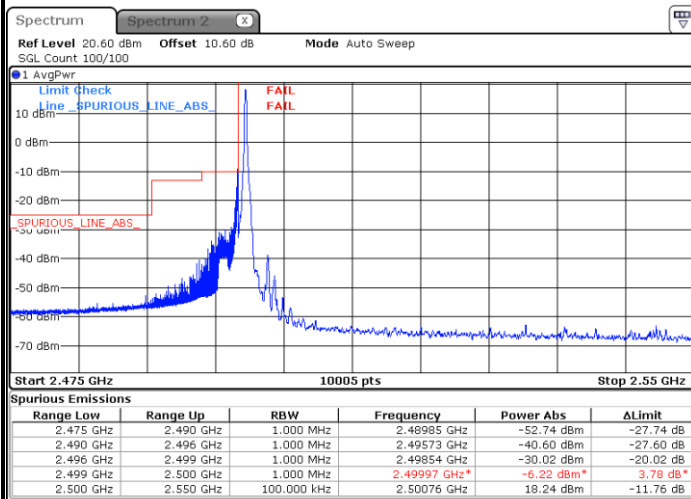
Highest Band Edge / Full RB



Date: 30 JUN 2025 14:58:58

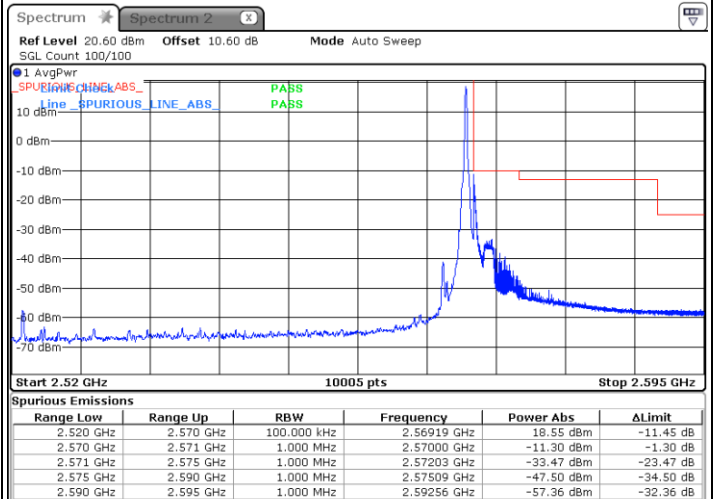
FR1 n7 / 50MHz / DFT-s-OFDM / PI/2 QPSK

Lowest Band Edge / 1RB0

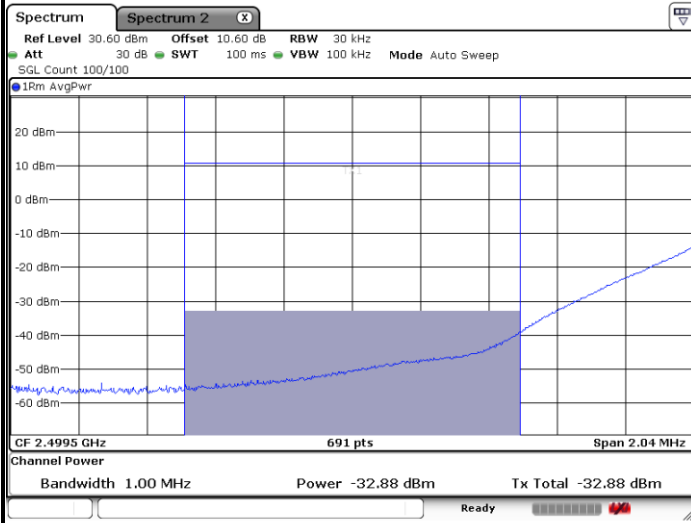


Date: 30 JUN 2025 15:16:53

Highest Band Edge / 1RBMAX

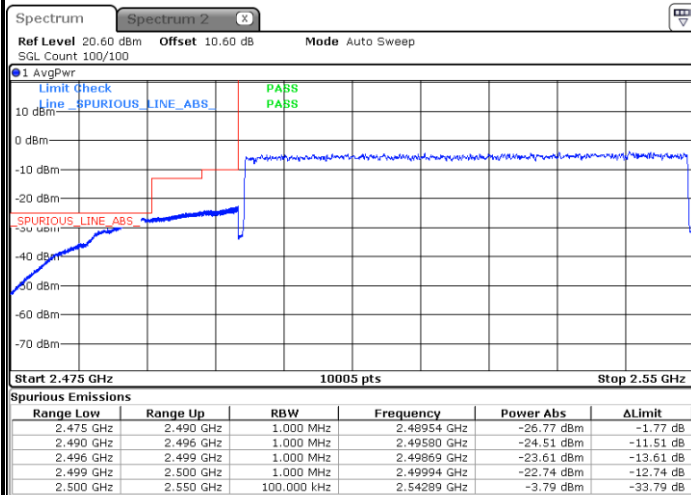


Date: 30 JUN 2025 14:57:18



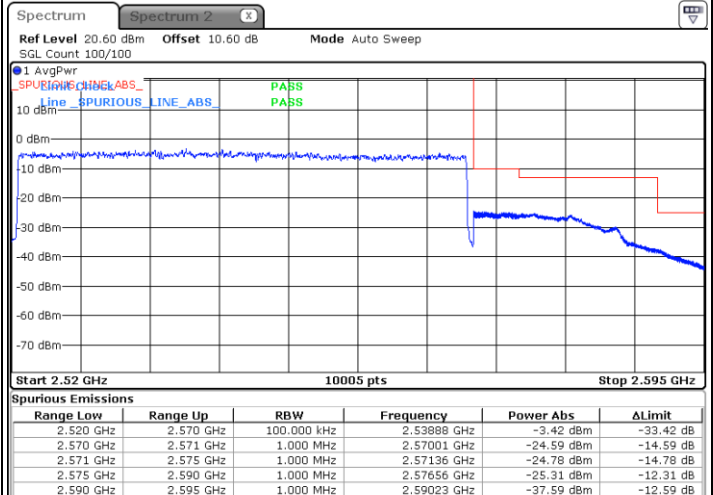
Date: 30.JUN.2025 15:18:01

Lowest Band Edge / Full RB



Date: 30.JUN.2025 15:10:54

Highest Band Edge / Full RB



Date: 30.JUN.2025 14:58:24