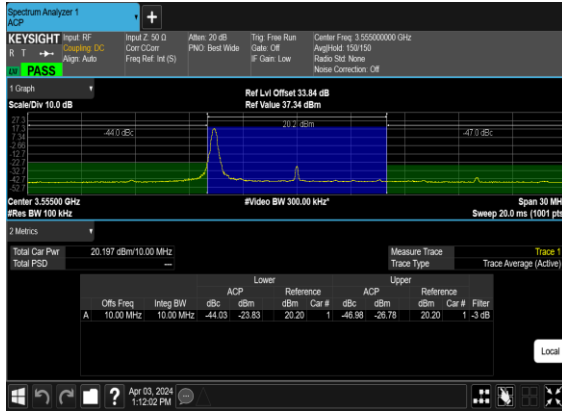
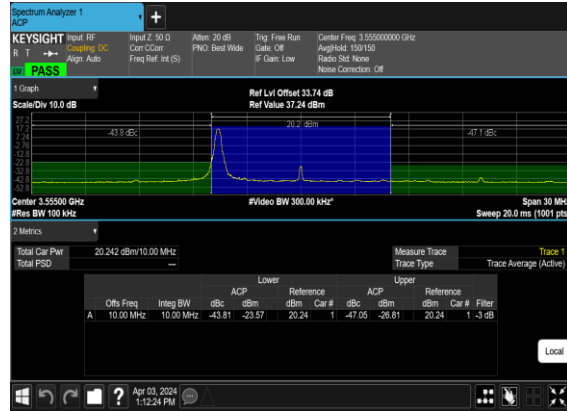


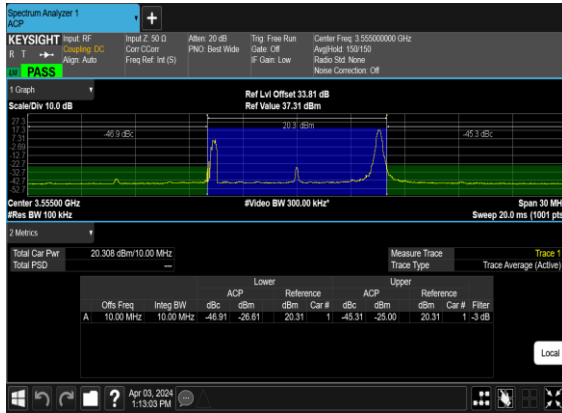
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



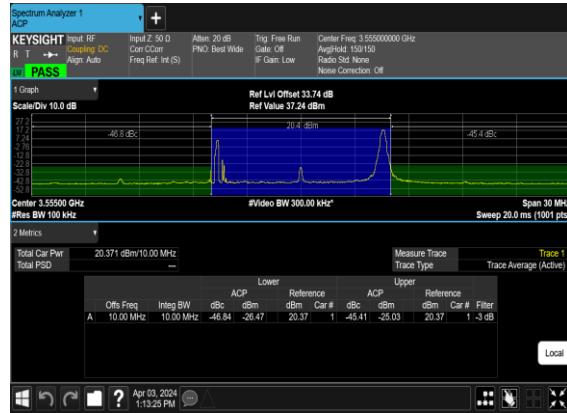
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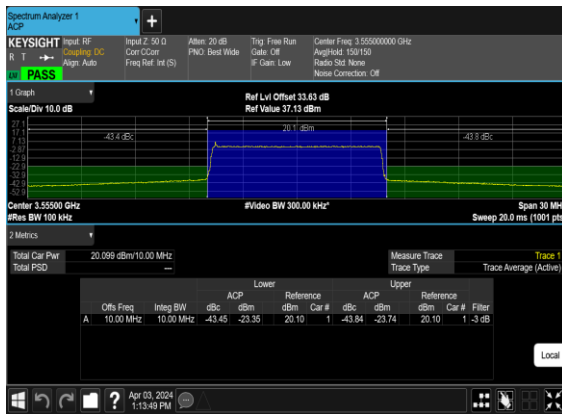
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Right_Low_CH



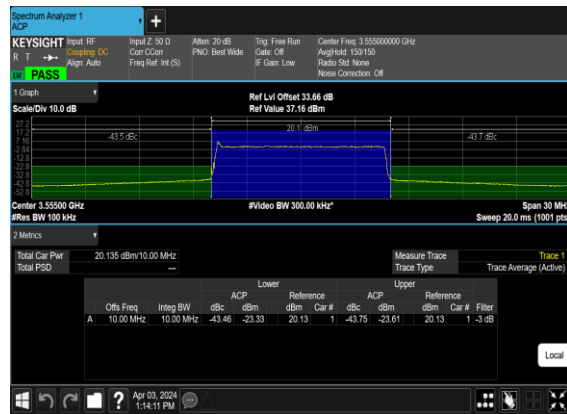
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N48(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



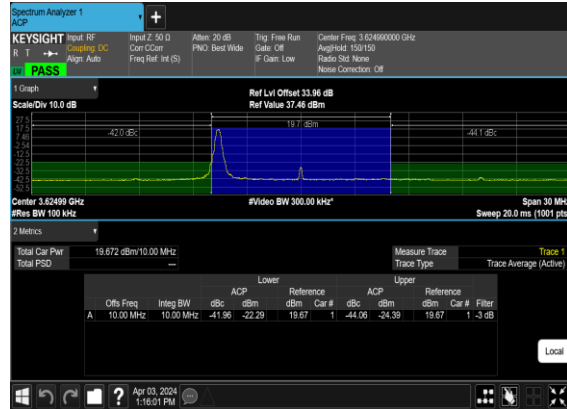
N48(10M)_CP-OFDM_16QAM_Outer_Full_Low_CH



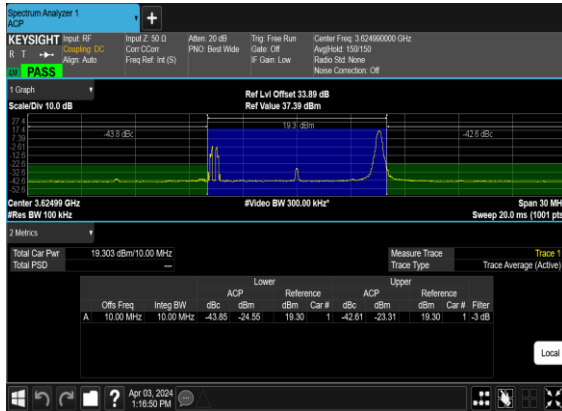
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



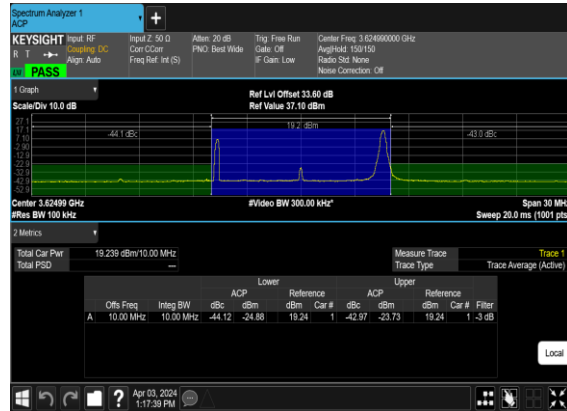
N48(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



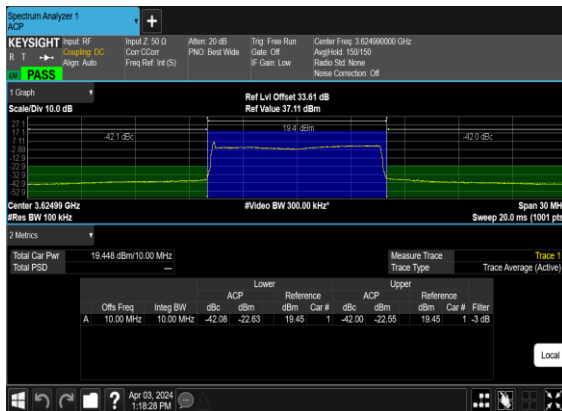
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



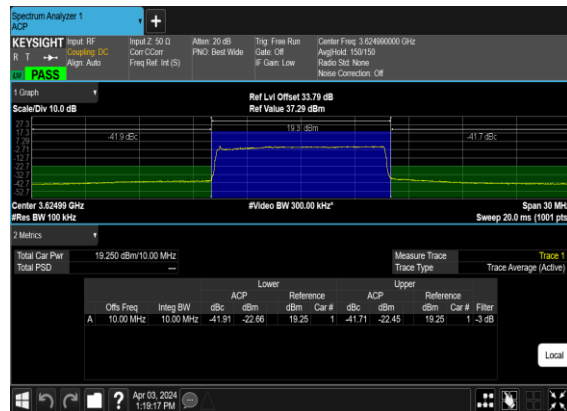
N48(10M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



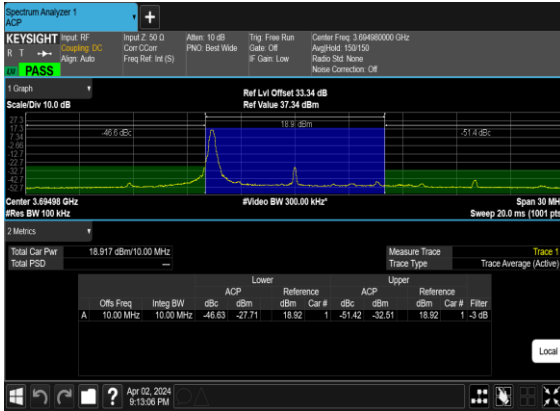
N48(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



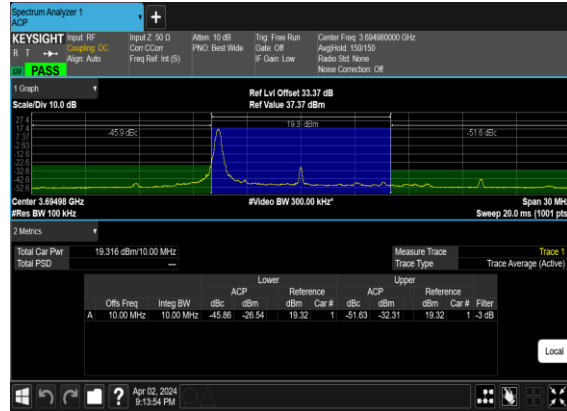
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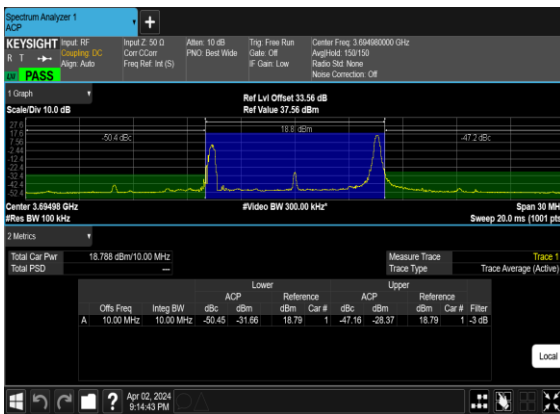
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(10M)_CP-OFDM_16QAM_Edge_1RB_Left_High_CH



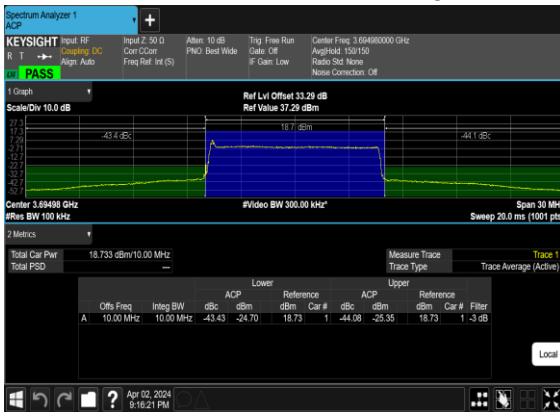
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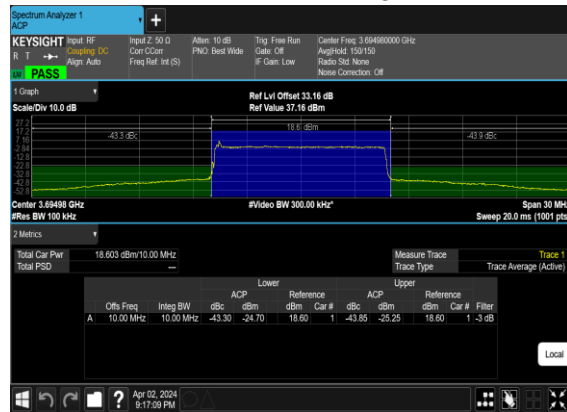
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N48(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



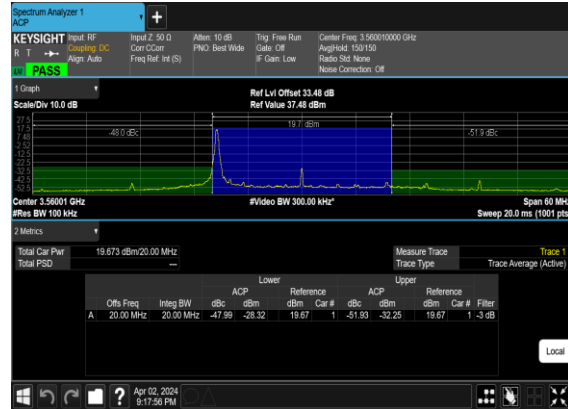
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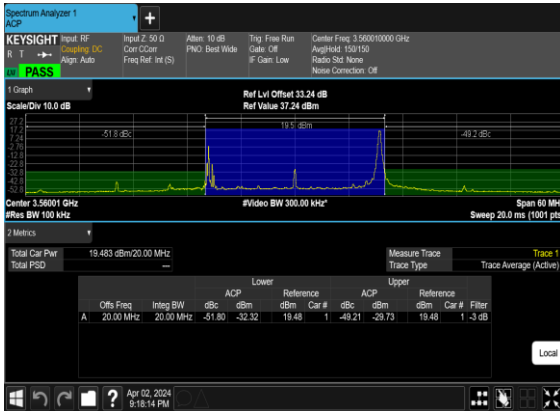
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



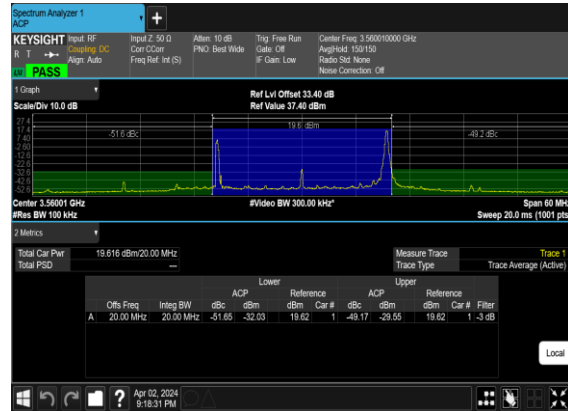
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QAM_Edge_1RB_Left_Low_CH



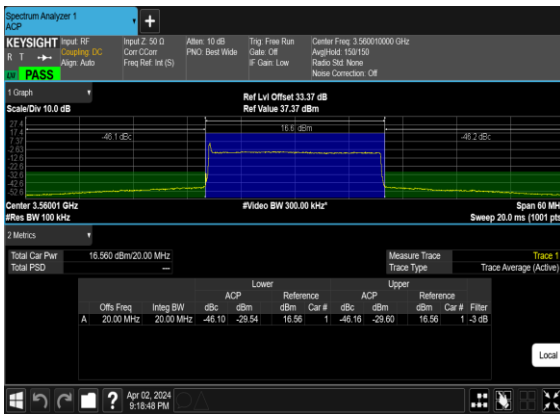
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_Low_CH



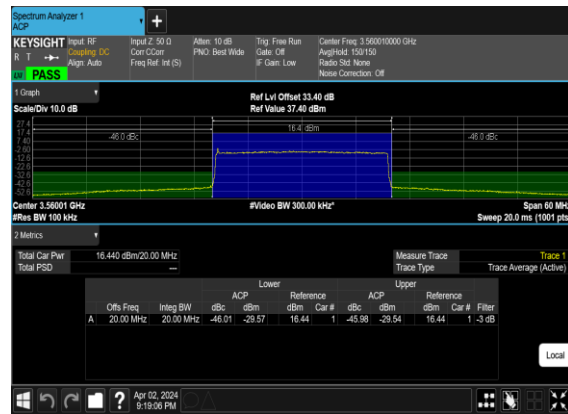
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QAM_Edge_1RB_Right_Low_CH



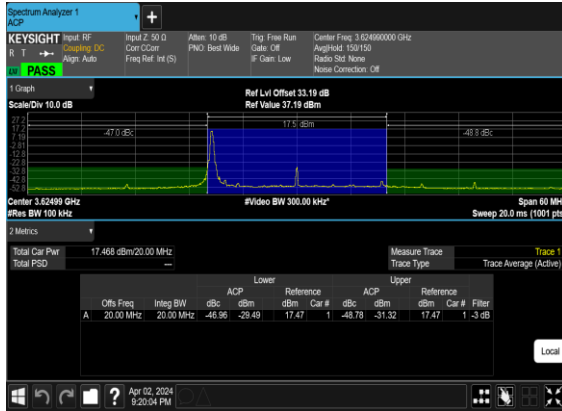
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OFDM_QPSK_Outer_Full_Low_CH



N48(20M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



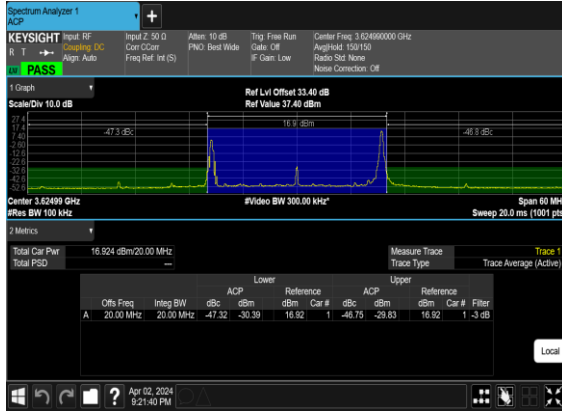
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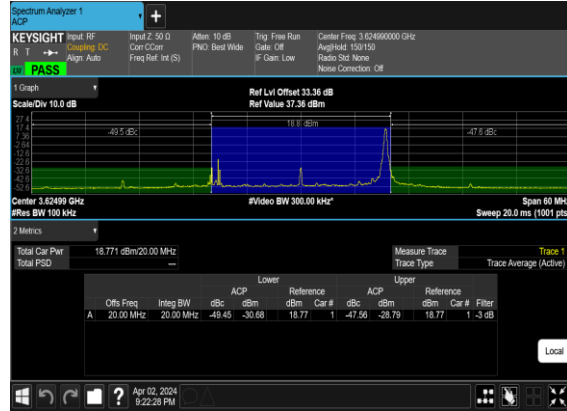
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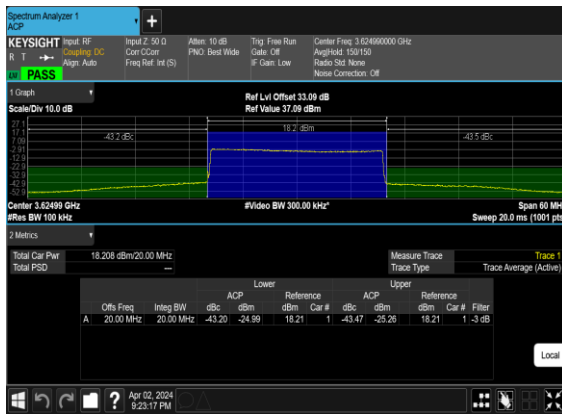
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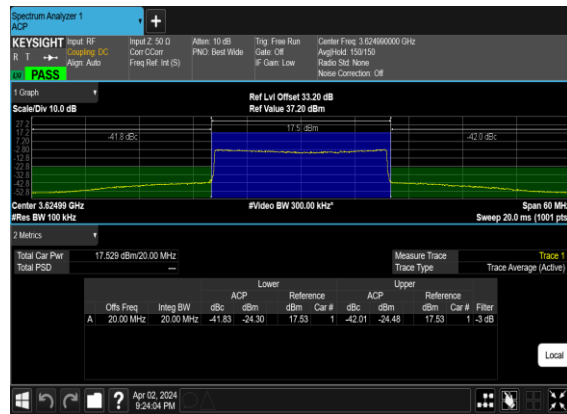
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N48(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



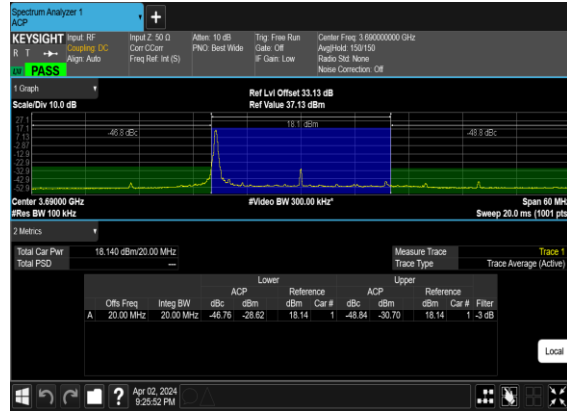
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N48(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



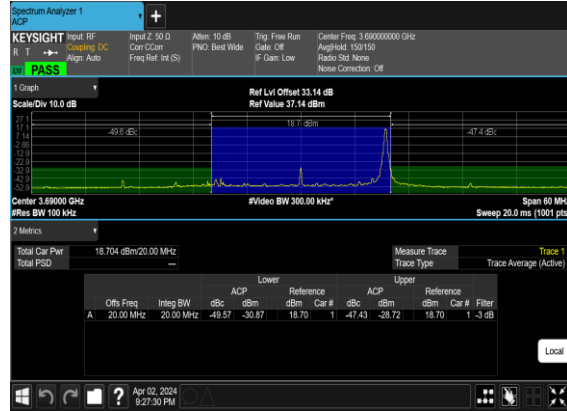
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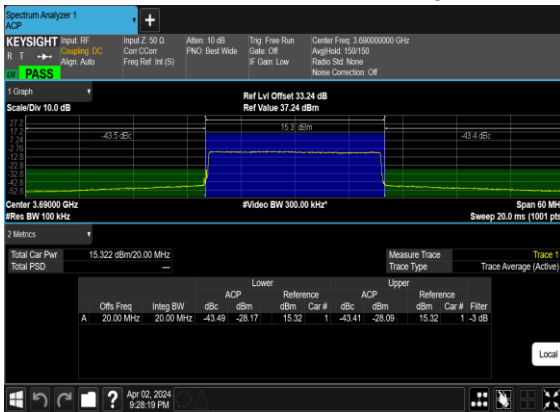
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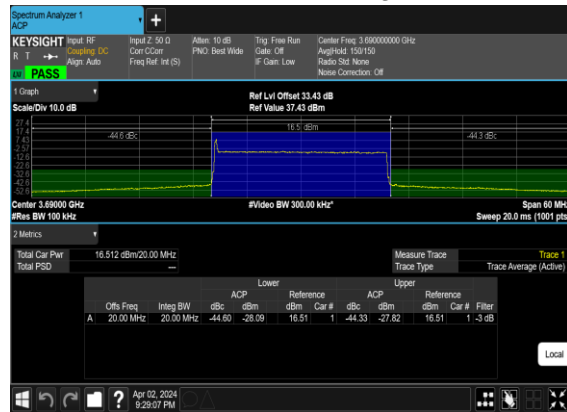
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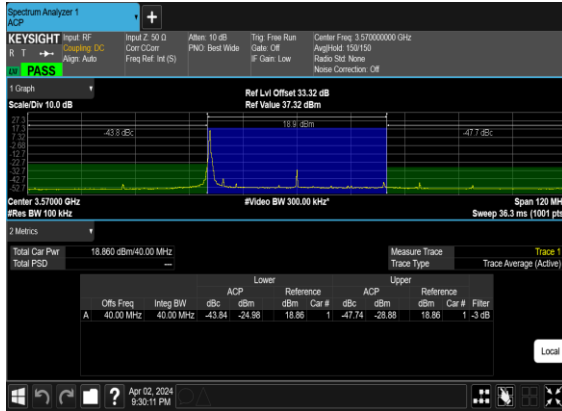
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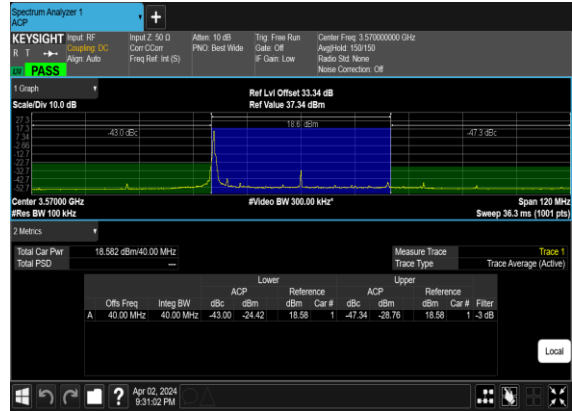
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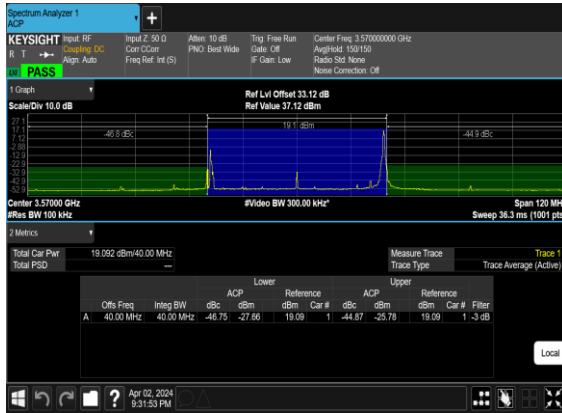
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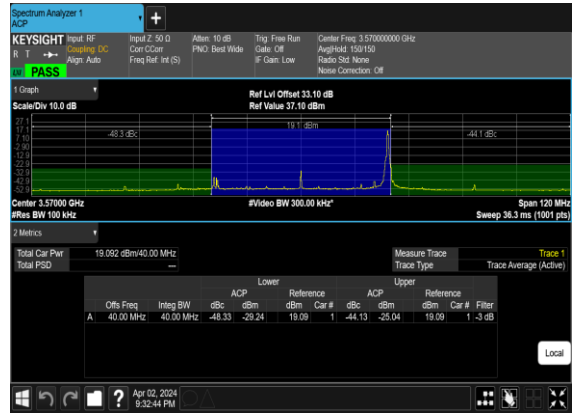
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N48(40M)_CP-OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



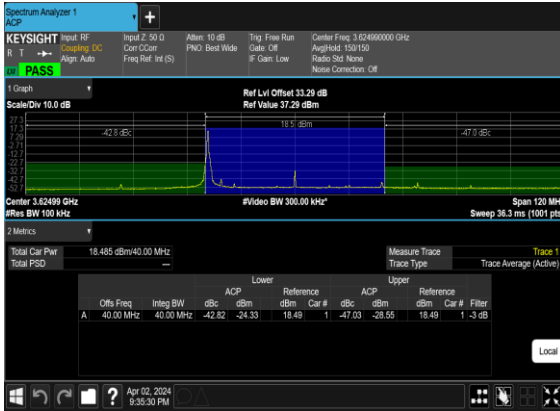
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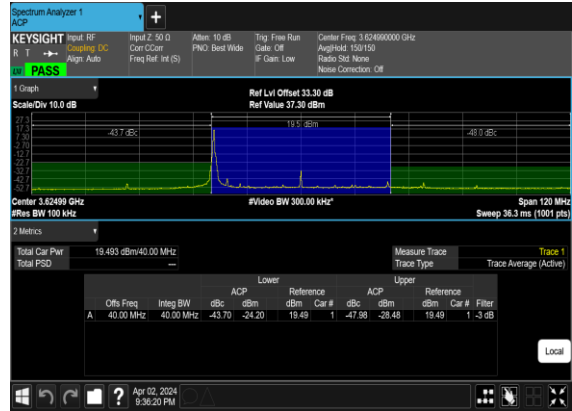
N48(40M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



N48(40M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(40M)_CP-OFDM_16QAM_Edge_1RB_Left_Mid_CH



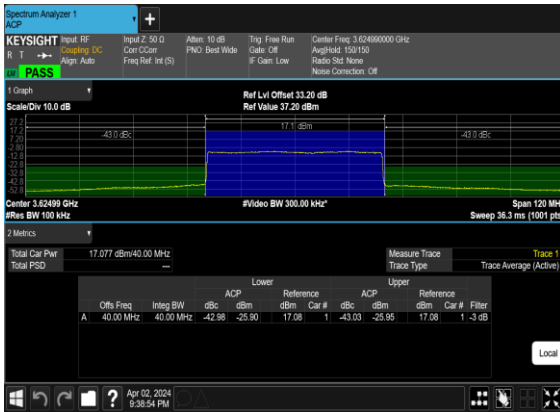
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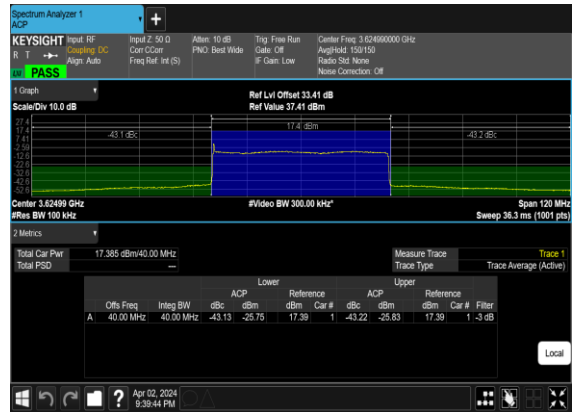
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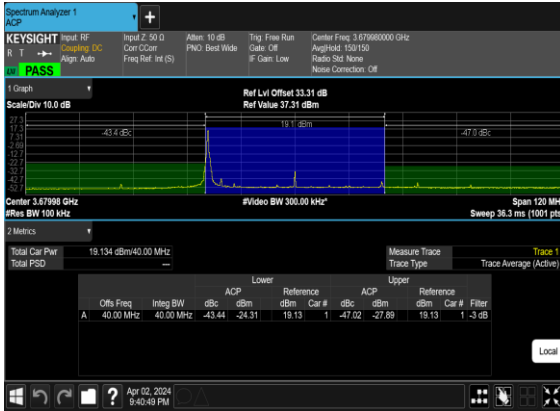
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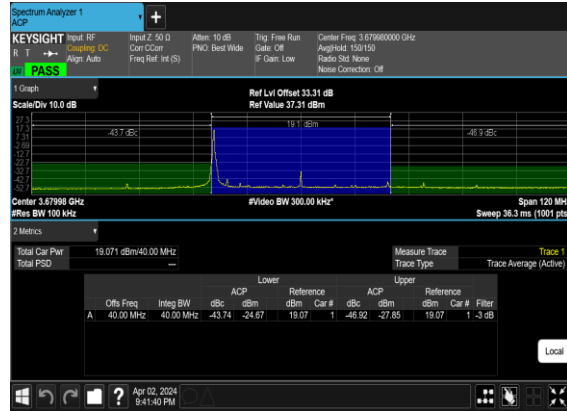
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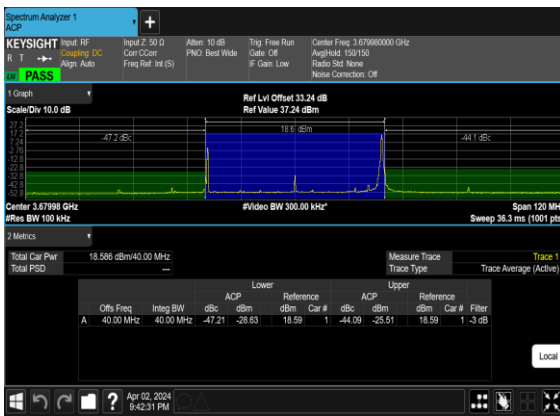
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N48(40M)_CP-OFDM_16QAM_Edge_1RB_Left_High_CH



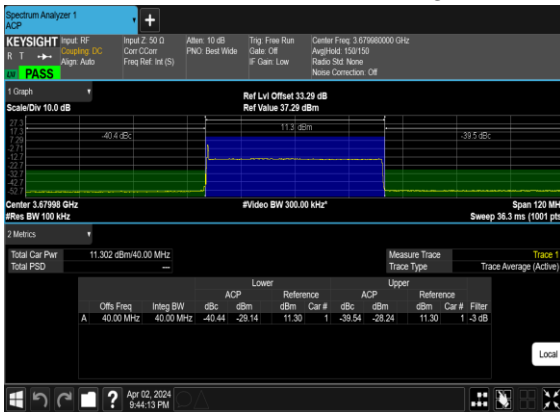
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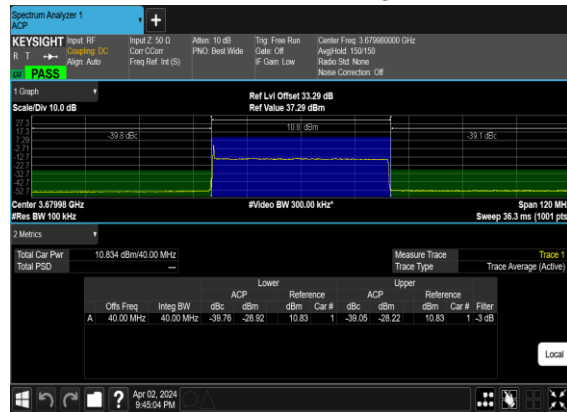
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N48(40M)_CP-OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16QAM_Outer_Full_High_CH



FCC FCC N48B SCS 15KHz (ANT4)

Transmitter Conducted Output Power and EIRP

Note: This device supports three Power setting cases for ULCA mode as following shows:

- (1) PCC Power all up, means Power setting, PCC(max.) +SCC (min.)
- (2) SCC Power all up, means Power setting, PCC(min.) +SCC (max.)
- (3) Average Power , means Power setting, PCC(avg.) +SCC (avg.)

Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.84dB

<PCC Power all up>

NR Band	SCS (kHz)	Bandwidth (MHz)	PCC Arfcn	SCC Arfcn	Modulation	PCC RB	SCC RB	PCC Power(dBm)	SCC Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48B	15	20+20	637334	638666	DFT-s BPSK	54@52	50@0	11.69	-25.84	11.69	9.85	0.0097
48B	15	20+20	637334	638666	DFT-s BPSK	1@65	1@28	3.08	-33.65	3.08	1.24	0.0013
48B	15	20+20	637334	638666	DFT-s QPSK	54@52	50@0	11.64	-25.53	11.64	9.80	0.0096
48B	15	20+20	637334	638666	DFT-s QPSK	1@65	1@28	3.19	-33.03	3.19	1.35	0.0014
48B	15	20+20	637334	638666	DFT-s 16 QAM	54@52	50@0	11.53	-26.54	11.53	9.69	0.0093
48B	15	20+20	637334	638666	DFT-s 16 QAM	1@65	1@28	3.15	-33.58	3.15	1.31	0.0014
48B	15	20+20	637334	638666	DFT-s 64 QAM	54@52	50@0	11.5	-26.59	11.50	9.66	0.0092
48B	15	20+20	637334	638666	DFT-s 64 QAM	1@65	1@28	2.88	-33.54	2.88	1.04	0.0013
48B	15	20+20	637334	638666	DFT-s 256 QAM	54@52	50@0	11.43	-26.74	11.43	9.59	0.0091
48B	15	20+20	637334	638666	DFT-s 256 QAM	1@65	1@28	2.82	-35.18	2.82	0.98	0.0013
48B	15	20+20	637334	638666	CP-OFDM QPSK	53@53	53@0	11.47	-24.2	11.47	9.63	0.0092
48B	15	20+20	637334	638666	CP-OFDM QPSK	1@65	1@28	3.07	-35.59	3.07	1.23	0.0013
48B	15	20+20	641000	642332	DFT-s BPSK	54@52	50@0	21.59	-15.71	21.59	19.75	0.0944
48B	15	20+20	641000	642332	DFT-s BPSK	1@65	1@28	9.63	-28.62	9.63	7.79	0.0060
48B	15	20+20	641000	642332	DFT-s QPSK	54@52	50@0	21.79	-16.31	21.79	19.95	0.0989
48B	15	20+20	641000	642332	DFT-s QPSK	1@65	1@28	9.78	-28.56	9.78	7.94	0.0062
48B	15	20+20	641000	642332	DFT-s 16 QAM	54@52	50@0	21.15	-17.07	21.15	19.31	0.0853
48B	15	20+20	641000	642332	DFT-s 16 QAM	1@65	1@28	9.59	-28.15	9.59	7.75	0.0060
48B	15	20+20	641000	642332	DFT-s 64 QAM	54@52	50@0	19.56	-18.62	19.56	17.72	0.0592
48B	15	20+20	641000	642332	DFT-s 64 QAM	1@65	1@28	9.39	-28.54	9.39	7.55	0.0057
48B	15	20+20	641000	642332	DFT-s 256 QAM	54@52	50@0	17.07	-17.39	17.07	15.23	0.0334
48B	15	20+20	641000	642332	DFT-s 256 QAM	1@65	1@28	9.35	-28.67	9.35	7.51	0.0056
48B	15	20+20	641000	642332	CP-OFDM QPSK	53@53	53@0	20.54	-15.73	20.54	18.70	0.0741
48B	15	20+20	641000	642332	CP-OFDM QPSK	1@65	1@28	9.64	-28.87	9.64	7.80	0.0060
48B	15	20+20	644668	646000	DFT-s BPSK	54@52	50@0	11.45	-25.89	11.45	9.61	0.0091
48B	15	20+20	644668	646000	DFT-s BPSK	1@65	1@28	2.85	-33.74	2.85	1.01	0.0013
48B	15	20+20	644668	646000	DFT-s QPSK	54@52	50@0	11.48	-26.16	11.48	9.64	0.0092
48B	15	20+20	644668	646000	DFT-s QPSK	1@65	1@28	3.08	-33.6	3.08	1.24	0.0013
48B	15	20+20	644668	646000	DFT-s 16 QAM	54@52	50@0	11.33	-26.17	11.33	9.49	0.0089
48B	15	20+20	644668	646000	DFT-s 16 QAM	1@65	1@28	3.37	-33.44	3.37	1.53	0.0014
48B	15	20+20	644668	646000	DFT-s 64 QAM	54@52	50@0	11.45	-26.28	11.45	9.61	0.0091

48B	15	20+20	644668	646000	DFT-s 64 QAM	1@65	1@28	2.97	-33.64	2.97	1.13	0.0013
48B	15	20+20	644668	646000	DFT-s 256 QAM	54@52	50@0	11.48	-26.55	11.48	9.64	0.0092
48B	15	20+20	644668	646000	DFT-s 256 QAM	1@65	1@28	2.88	-33.49	2.88	1.04	0.0013
48B	15	20+20	644668	646000	CP-OFDM QPSK	53@53	53@0	11.43	-24.29	11.43	9.59	0.0091
48B	15	20+20	644668	646000	CP-OFDM QPSK	1@65	1@28	3.07	-35.5	3.07	1.23	0.0013
48B	15	20+15	637334	638478	DFT-s QPSK	60@46	32@0	11.61	-26	11.61	9.77	0.0095
48B	15	20+15	637334	638478	DFT-s 16 QAM	60@46	32@0	11.59	-26.76	11.59	9.75	0.0094
48B	15	20+15	641166	642310	DFT-s QPSK	60@46	32@0	21.52	-17.05	21.52	19.68	0.0929
48B	15	20+15	641166	642310	DFT-s 16 QAM	60@46	32@0	20.77	-17.83	20.77	18.93	0.0782
48B	15	20+15	645022	646166	DFT-s QPSK	60@46	32@0	21.73	-16	21.73	19.89	0.0975
48B	15	20+15	645022	646166	DFT-s 16 QAM	60@46	32@0	21.64	-16.57	21.64	19.80	0.0955
48B	15	15+20	637168	638312	DFT-s QPSK	32@47	60@0	21.72	-15.7	21.72	19.88	0.0973
48B	15	15+20	637168	638312	DFT-s 16 QAM	32@47	60@0	21.67	-16.47	21.67	19.83	0.0962
48B	15	15+20	641000	642144	DFT-s QPSK	32@47	60@0	21.64	-16.56	21.64	19.80	0.0955
48B	15	15+20	641000	642144	DFT-s 16 QAM	32@47	60@0	21.11	-16.57	21.11	19.27	0.0845
48B	15	15+20	644856	646000	DFT-s QPSK	32@47	60@0	11.51	-26.46	11.51	9.67	0.0093
48B	15	15+20	644856	646000	DFT-s 16 QAM	32@47	60@0	11.4	-26.49	11.40	9.56	0.0090
48B	15	20+10	637334	638310	DFT-s QPSK	64@42	12@0	11.76	-26.53	11.76	9.92	0.0098
48B	15	20+10	637334	638310	DFT-s 16 QAM	64@42	12@0	11.65	-25.3	11.65	9.81	0.0096
48B	15	20+10	641332	642308	DFT-s QPSK	64@42	12@0	19.07	-18.33	19.07	17.23	0.0529
48B	15	20+10	641332	642308	DFT-s 16 QAM	64@42	12@0	18.57	-19.19	18.57	16.73	0.0471
48B	15	20+10	645356	646332	DFT-s QPSK	64@42	12@0	19.52	-18.4	19.52	17.68	0.0586
48B	15	20+10	645356	646332	DFT-s 16 QAM	64@42	12@0	19.03	-19.11	19.03	17.19	0.0524
48B	15	10+20	637000	637976	DFT-s QPSK	12@40	64@0	19.68	-17.46	19.68	17.84	0.0608
48B	15	10+20	637000	637976	DFT-s 16 QAM	12@40	64@0	19.15	-17.79	19.15	17.31	0.0538
48B	15	10+20	641000	641976	DFT-s QPSK	12@40	64@0	19	-15.63	19.00	17.16	0.0520
48B	15	10+20	641000	641976	DFT-s 16 QAM	12@40	64@0	18.54	-17.78	18.54	16.70	0.0468
48B	15	10+20	645024	646000	DFT-s QPSK	12@40	64@0	11.56	-24.6	11.56	9.72	0.0094
48B	15	10+20	645024	646000	DFT-s 16 QAM	12@40	64@0	11.37	-21.16	11.37	9.53	0.0090
48B	15	15+15	637168	638168	DFT-s QPSK	40@39	36@0	11.68	-26.69	11.68	9.84	0.0096
48B	15	15+15	637168	638168	DFT-s 16 QAM	40@39	36@0	11.51	-26.47	11.51	9.67	0.0093
48B	15	15+15	641166	642166	DFT-s QPSK	40@39	36@0	19.07	-19.01	19.07	17.23	0.0529
48B	15	15+15	641166	642166	DFT-s 16 QAM	40@39	36@0	18.56	-19.9	18.56	16.72	0.0470
48B	15	15+15	645166	646166	DFT-s QPSK	40@39	36@0	11.5	-26.75	11.50	9.66	0.0092
48B	15	15+15	645166	646166	DFT-s 16 QAM	40@39	36@0	11.38	-26.6	11.38	9.54	0.0090

48B	15	15+10	637000	637832	DFT-s QPSK	45@34	20@0	11.64	-27.46	11.64	9.80	0.0096
48B	15	15+10	637000	637832	DFT-s 16 QAM	45@34	20@0	11.49	-27.18	11.49	9.65	0.0092
48B	15	15+10	641166	641998	DFT-s QPSK	45@34	20@0	21.59	-16.49	21.59	19.75	0.0944
48B	15	15+10	641166	641998	DFT-s 16 QAM	45@34	20@0	21.04	-16.36	21.04	19.20	0.0832
48B	15	15+10	645334	646166	DFT-s QPSK	45@34	20@0	21.72	-16.06	21.72	19.88	0.0973
48B	15	15+10	645334	646166	DFT-s 16 QAM	45@34	20@0	21.56	-16.98	21.56	19.72	0.0938
48B	15	10+15	637000	637832	DFT-s QPSK	20@32	45@0	21.71	-15.28	21.71	19.87	0.0971
48B	15	10+15	637000	637832	DFT-s 16 QAM	20@32	45@0	21.68	-16.13	21.68	19.84	0.0964
48B	15	10+15	641166	641998	DFT-s QPSK	20@32	45@0	21.63	-15.55	21.63	19.79	0.0953
48B	15	10+15	641166	641998	DFT-s 16 QAM	20@32	45@0	21.16	-16.03	21.16	19.32	0.0855
48B	15	10+15	645334	646166	DFT-s QPSK	20@32	45@0	11.54	-26.09	11.54	9.70	0.0093
48B	15	10+15	645334	646166	DFT-s 16 QAM	20@32	45@0	11.4	-25.83	11.40	9.56	0.0090
48B	15	10+10	637000	637664	DFT-s QPSK	25@27	25@0	16.32	-21.75	16.32	14.48	0.0281
48B	15	10+10	637000	637664	DFT-s 16 QAM	25@27	25@0	16.11	-21.32	16.11	14.27	0.0267
48B	15	10+10	641332	641996	DFT-s QPSK	25@27	25@0	21.62	-16.13	21.62	19.78	0.0951
48B	15	10+10	641332	641996	DFT-s 16 QAM	25@27	25@0	21.01	-16.53	21.01	19.17	0.0826
48B	15	10+10	645668	646332	DFT-s QPSK	25@27	25@0	15.97	-21.87	15.97	14.13	0.0259
48B	15	10+10	645668	646332	DFT-s 16 QAM	25@27	25@0	15.84	-21.66	15.84	14.00	0.0251

<SCC Power all up>

NR Band	SCS (kHz)	Bandwidth (MHz)	PCC Arfcn	SCC Arfcn	Modulation	PCC RB	SCC RB	PCC Power(dBm)	SCC Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48B	15	20+20	637334	638666	DFT-s BPSK	54@52	50@0	-4.16	11.35	11.47	9.63	0.0092
48B	15	20+20	637334	638666	DFT-s BPSK	1@65	1@28	-4.32	2.09	2.98	1.14	0.0013
48B	15	20+20	637334	638666	DFT-s QPSK	54@52	50@0	-4.24	11.4	11.52	9.68	0.0093
48B	15	20+20	637334	638666	DFT-s QPSK	1@65	1@28	-4.32	2.08	2.98	1.14	0.0013
48B	15	20+20	637334	638666	DFT-s 16 QAM	54@52	50@0	-4.09	11.35	11.47	9.63	0.0092
48B	15	20+20	637334	638666	DFT-s 16 QAM	1@65	1@28	-4.36	2.04	2.94	1.10	0.0013
48B	15	20+20	637334	638666	DFT-s 64 QAM	54@52	50@0	-4.12	11.36	11.48	9.64	0.0092
48B	15	20+20	637334	638666	DFT-s 64 QAM	1@65	1@28	-4.49	1.83	2.74	0.90	0.0012
48B	15	20+20	637334	638666	DFT-s 256 QAM	54@52	50@0	-4.08	11.24	11.37	9.53	0.0090
48B	15	20+20	637334	638666	DFT-s 256 QAM	1@65	1@28	-4.45	1.83	2.75	0.91	0.0012
48B	15	20+20	637334	638666	CP-OFDM QPSK	53@53	53@0	-4.08	11.31	11.43	9.59	0.0091
48B	15	20+20	637334	638666	CP-OFDM QPSK	1@65	1@28	-4.14	2.03	2.97	1.13	0.0013
48B	15	20+20	641000	642332	DFT-s BPSK	54@52	50@0	-4.35	21.57	21.58	19.74	0.0942
48B	15	20+20	641000	642332	DFT-s BPSK	1@65	1@28	-3.74	9.33	9.54	7.70	0.0059
48B	15	20+20	641000	642332	DFT-s QPSK	54@52	50@0	-4.33	21.75	21.76	19.92	0.0982
48B	15	20+20	641000	642332	DFT-s QPSK	1@65	1@28	-3.67	9.43	9.64	7.80	0.0060
48B	15	20+20	641000	642332	DFT-s 16 QAM	54@52	50@0	-4.39	21.03	21.04	19.20	0.0832
48B	15	20+20	641000	642332	DFT-s 16 QAM	1@65	1@28	-4.68	9.64	9.80	7.96	0.0062
48B	15	20+20	641000	642332	DFT-s 64 QAM	54@52	50@0	-4.44	19.56	19.58	17.74	0.0594
48B	15	20+20	641000	642332	DFT-s 64 QAM	1@65	1@28	-3.91	9.2	9.41	7.57	0.0057
48B	15	20+20	641000	642332	DFT-s 256 QAM	54@52	50@0	-4.46	16.96	16.99	15.15	0.0327
48B	15	20+20	641000	642332	DFT-s 256 QAM	1@65	1@28	-3.82	9.07	9.29	7.45	0.0056
48B	15	20+20	641000	642332	CP-OFDM QPSK	53@53	53@0	-4.29	20.52	20.53	18.69	0.0740
48B	15	20+20	641000	642332	CP-OFDM QPSK	1@65	1@28	-3.56	9.43	9.64	7.80	0.0060
48B	15	20+20	644668	646000	DFT-s BPSK	54@52	50@0	-4.22	11.31	11.43	9.59	0.0091
48B	15	20+20	644668	646000	DFT-s BPSK	1@65	1@28	-4.38	2.2	3.06	1.22	0.0013
48B	15	20+20	644668	646000	DFT-s QPSK	54@52	50@0	-4.29	11.36	11.48	9.64	0.0092
48B	15	20+20	644668	646000	DFT-s QPSK	1@65	1@28	-4.43	2.23	3.08	1.24	0.0013
48B	15	20+20	644668	646000	DFT-s 16 QAM	54@52	50@0	-4.27	11.32	11.44	9.60	0.0091
48B	15	20+20	644668	646000	DFT-s 16 QAM	1@65	1@28	-4.36	2.14	3.02	1.18	0.0013
48B	15	20+20	644668	646000	DFT-s 64 QAM	54@52	50@0	-4.36	11.29	11.41	9.57	0.0091
48B	15	20+20	644668	646000	DFT-s 64 QAM	1@65	1@28	-4.27	2.01	2.93	1.09	0.0013
48B	15	20+20	644668	646000	DFT-s 256 QAM	54@52	50@0	-4.23	11.31	11.43	9.59	0.0091

48B	15	20+20	644668	646000	DFT-s 256 QAM	1@65	1@28	-4.49	2.25	3.08	1.24	0.0013
48B	15	20+20	644668	646000	CP-OFDM QPSK	53@53	53@0	-4.65	11.08	11.19	9.35	0.0086
48B	15	20+20	644668	646000	CP-OFDM QPSK	1@65	1@28	-4.31	2.27	3.13	1.29	0.0013
48B	15	20+15	637334	638478	DFT-s QPSK	60@46	32@0	-4.28	11.43	11.55	9.71	0.0093
48B	15	20+15	637334	638478	DFT-s 16 QAM	60@46	32@0	-4.32	11.29	11.41	9.57	0.0091
48B	15	20+15	641166	642310	DFT-s QPSK	60@46	32@0	-4.02	21.42	21.43	19.59	0.0910
48B	15	20+15	641166	642310	DFT-s 16 QAM	60@46	32@0	-4.23	20.67	20.68	18.84	0.0766
48B	15	20+15	645022	646166	DFT-s QPSK	60@46	32@0	-4.79	21.71	21.72	19.88	0.0973
48B	15	20+15	645022	646166	DFT-s 16 QAM	60@46	32@0	-3.73	21.47	21.48	19.64	0.0921
48B	15	15+20	637168	638312	DFT-s QPSK	32@47	60@0	-3.75	21.71	21.72	19.88	0.0973
48B	15	15+20	637168	638312	DFT-s 16 QAM	32@47	60@0	-3.93	21.38	21.39	19.55	0.0902
48B	15	15+20	641000	642144	DFT-s QPSK	32@47	60@0	-4.5	21.57	21.58	19.74	0.0942
48B	15	15+20	641000	642144	DFT-s 16 QAM	32@47	60@0	-4.53	20.79	20.80	18.96	0.0788
48B	15	15+20	644856	646000	DFT-s QPSK	32@47	60@0	-4.39	11.4	11.51	9.67	0.0093
48B	15	15+20	644856	646000	DFT-s 16 QAM	32@47	60@0	-4.34	11.32	11.44	9.60	0.0091
48B	15	20+10	637334	638310	DFT-s QPSK	64@42	12@0	-4.26	11.44	11.56	9.72	0.0094
48B	15	20+10	637334	638310	DFT-s 16 QAM	64@42	12@0	-4.23	-11.4	-3.47	-5.31	0.0003
48B	15	20+10	641332	642308	DFT-s QPSK	64@42	12@0	-4.16	19.03	19.05	17.21	0.0526
48B	15	20+10	641332	642308	DFT-s 16 QAM	64@42	12@0	-4.31	18.37	18.39	16.55	0.0452
48B	15	20+10	645356	646332	DFT-s QPSK	64@42	12@0	-3.79	19.45	19.47	17.63	0.0580
48B	15	20+10	645356	646332	DFT-s 16 QAM	64@42	12@0	-3.93	18.81	18.83	16.99	0.0500
48B	15	10+20	637000	637976	DFT-s QPSK	12@40	64@0	-4.24	19.65	19.67	17.83	0.0606
48B	15	10+20	637000	637976	DFT-s 16 QAM	12@40	64@0	-4.2	19.1	19.12	17.28	0.0535
48B	15	10+20	641000	641976	DFT-s QPSK	12@40	64@0	-4.01	19.04	19.06	17.22	0.0527
48B	15	10+20	641000	641976	DFT-s 16 QAM	12@40	64@0	-4.15	18.38	18.40	16.56	0.0453
48B	15	10+20	645024	646000	DFT-s QPSK	12@40	64@0	-3.78	11.28	11.41	9.57	0.0091
48B	15	10+20	645024	646000	DFT-s 16 QAM	12@40	64@0	-3.76	11.17	11.31	9.47	0.0088
48B	15	15+15	637168	638168	DFT-s QPSK	40@39	36@0	-3.99	11.45	11.57	9.73	0.0094
48B	15	15+15	637168	638168	DFT-s 16 QAM	40@39	36@0	-4.09	11.29	11.41	9.57	0.0091
48B	15	15+15	641166	642166	DFT-s QPSK	40@39	36@0	-4.45	19.01	19.03	17.19	0.0524
48B	15	15+15	641166	642166	DFT-s 16 QAM	40@39	36@0	-4.32	18.47	18.49	16.65	0.0463
48B	15	15+15	645166	646166	DFT-s QPSK	40@39	36@0	-4.43	11.29	11.40	9.56	0.0090
48B	15	15+15	645166	646166	DFT-s 16 QAM	40@39	36@0	-4.38	-11.12	-3.55	-5.39	0.0003
48B	15	15+10	637000	637832	DFT-s QPSK	45@34	20@0	-3.93	11.46	11.58	9.74	0.0094
48B	15	15+10	637000	637832	DFT-s 16 QAM	45@34	20@0	-3.94	11.33	11.46	9.62	0.0092

48B	15	15+10	641166	641998	DFT-s QPSK	45@34	20@0	-4.71	21.45	21.46	19.62	0.0916
48B	15	15+10	641166	641998	DFT-s 16 QAM	45@34	20@0	-4.17	20.98	20.99	19.15	0.0823
48B	15	15+10	645334	646166	DFT-s QPSK	45@34	20@0	-4.09	19.96	19.98	18.14	0.0651
48B	15	15+10	645334	646166	DFT-s 16 QAM	45@34	20@0	-4.2	21.65	21.66	19.82	0.0960
48B	15	10+15	637000	637832	DFT-s QPSK	20@32	45@0	-4.47	19.98	20.00	18.16	0.0654
48B	15	10+15	637000	637832	DFT-s 16 QAM	20@32	45@0	-4.59	21.47	21.48	19.64	0.0921
48B	15	10+15	641166	641998	DFT-s QPSK	20@32	45@0	-4.26	21.57	21.58	19.74	0.0942
48B	15	10+15	641166	641998	DFT-s 16 QAM	20@32	45@0	-4.37	20.58	20.59	18.75	0.0751
48B	15	10+15	645334	646166	DFT-s QPSK	20@32	45@0	-3.87	11.42	11.55	9.71	0.0093
48B	15	10+15	645334	646166	DFT-s 16 QAM	20@32	45@0	-3.94	11.29	11.42	9.58	0.0091
48B	15	10+10	637000	637664	DFT-s QPSK	25@27	25@0	-3.71	16.14	16.18	14.34	0.0272
48B	15	10+10	637000	637664	DFT-s 16 QAM	25@27	25@0	-3.68	16.08	16.13	14.29	0.0268
48B	15	10+10	641332	641996	DFT-s QPSK	25@27	25@0	-4.26	21.58	21.59	19.75	0.0944
48B	15	10+10	641332	641996	DFT-s 16 QAM	25@27	25@0	-4.29	21.12	21.13	19.29	0.0850
48B	15	10+10	645668	646332	DFT-s QPSK	25@27	25@0	-4.03	15.99	16.03	14.19	0.0263
48B	15	10+10	645668	646332	DFT-s 16 QAM	25@27	25@0	-4.19	15.79	15.83	13.99	0.0251

<Average Power>

NR Band	SCS (kHz)	Bandwidth (MHz)	PCC Arfcn	SCC Arfcn	Modulation	PCC RB	SCC RB	PCC Power(dBm)	SCC Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48B	15	20+20	637334	638666	DFT-s BPSK	54@52	50@0	8.91	8.13	11.55	9.71	0.0093
48B	15	20+20	637334	638666	DFT-s BPSK	1@65	1@28	0.58	-0.58	3.05	1.21	0.0013
48B	15	20+20	637334	638666	DFT-s QPSK	54@52	50@0	8.83	8.04	11.46	9.62	0.0092
48B	15	20+20	637334	638666	DFT-s QPSK	1@65	1@28	0.57	-0.49	3.08	1.24	0.0013
48B	15	20+20	637334	638666	DFT-s 16 QAM	54@52	50@0	8.89	8.19	11.56	9.72	0.0094
48B	15	20+20	637334	638666	DFT-s 16 QAM	1@65	1@28	0.8	-0.62	3.16	1.32	0.0014
48B	15	20+20	637334	638666	DFT-s 64 QAM	54@52	50@0	8.9	8.21	11.58	9.74	0.0094
48B	15	20+20	637334	638666	DFT-s 64 QAM	1@65	1@28	0.5	-0.79	2.91	1.07	0.0013
48B	15	20+20	637334	638666	DFT-s 256 QAM	54@52	50@0	8.93	8.23	11.60	9.76	0.0095
48B	15	20+20	637334	638666	DFT-s 256 QAM	1@65	1@28	0.37	-0.97	2.76	0.92	0.0012
48B	15	20+20	637334	638666	CP-OFDM QPSK	53@53	53@0	8.94	8.01	11.51	9.67	0.0093
48B	15	20+20	637334	638666	CP-OFDM QPSK	1@65	1@28	0.61	-0.47	3.11	1.27	0.0013
48B	15	20+20	641000	642332	DFT-s BPSK	54@52	50@0	18.9	18.72	21.82	19.98	0.0996
48B	15	20+20	641000	642332	DFT-s BPSK	1@65	1@28	6.95	6.13	9.57	7.73	0.0059
48B	15	20+20	641000	642332	DFT-s QPSK	54@52	50@0	18.76	18.33	21.56	19.72	0.0938
48B	15	20+20	641000	642332	DFT-s QPSK	1@65	1@28	7.05	6.14	9.63	7.79	0.0060
48B	15	20+20	641000	642332	DFT-s 16 QAM	54@52	50@0	18.3	17.63	20.99	19.15	0.0822
48B	15	20+20	641000	642332	DFT-s 16 QAM	1@65	1@28	7.22	6.48	9.88	8.04	0.0064
48B	15	20+20	641000	642332	DFT-s 64 QAM	54@52	50@0	16.92	16.16	19.57	17.73	0.0593
48B	15	20+20	641000	642332	DFT-s 64 QAM	1@65	1@28	6.86	6.03	9.48	7.64	0.0058
48B	15	20+20	641000	642332	DFT-s 256 QAM	54@52	50@0	14.27	13.69	17.00	15.16	0.0328
48B	15	20+20	641000	642332	DFT-s 256 QAM	1@65	1@28	6.75	6.14	9.47	7.63	0.0058
48B	15	20+20	641000	642332	CP-OFDM QPSK	53@53	53@0	17.75	17.31	20.55	18.71	0.0742
48B	15	20+20	641000	642332	CP-OFDM QPSK	1@65	1@28	6.9	6.12	9.54	7.70	0.0059
48B	15	20+20	644668	646000	DFT-s BPSK	54@52	50@0	8.87	8.2	11.56	9.72	0.0094
48B	15	20+20	644668	646000	DFT-s BPSK	1@65	1@28	0.53	-0.55	3.03	1.19	0.0013
48B	15	20+20	644668	646000	DFT-s QPSK	54@52	50@0	8.72	8.15	11.45	9.61	0.0092
48B	15	20+20	644668	646000	DFT-s QPSK	1@65	1@28	0.34	-0.7	2.86	1.02	0.0013
48B	15	20+20	644668	646000	DFT-s 16 QAM	54@52	50@0	8.68	8.2	11.46	9.62	0.0092
48B	15	20+20	644668	646000	DFT-s 16 QAM	1@65	1@28	0.31	-0.55	2.91	1.07	0.0013
48B	15	20+20	644668	646000	DFT-s 64 QAM	54@52	50@0	8.76	8.16	11.48	9.64	0.0092
48B	15	20+20	644668	646000	DFT-s 64 QAM	1@65	1@28	0.27	-0.94	2.72	0.88	0.0012
48B	15	20+20	644668	646000	DFT-s 256 QAM	54@52	50@0	8.96	8.04	11.53	9.69	0.0093

48B	15	20+20	644668	646000	DFT-s 256 QAM	1@65	1@28	0.15	-1.02	2.61	0.77	0.0012
48B	15	20+20	644668	646000	CP-OFDM QPSK	53@53	53@0	8.56	8.15	11.37	9.53	0.0090
48B	15	20+20	644668	646000	CP-OFDM QPSK	1@65	1@28	0.57	-0.45	3.10	1.26	0.0013
48B	15	20+15	637334	638478	DFT-s QPSK	60@46	32@0	8.62	8.59	11.62	9.78	0.0095
48B	15	20+15	637334	638478	DFT-s 16 QAM	60@46	32@0	8.75	8.43	11.60	9.76	0.0095
48B	15	20+15	641166	642310	DFT-s QPSK	60@46	32@0	18.68	18.32	21.51	19.67	0.0928
48B	15	20+15	641166	642310	DFT-s 16 QAM	60@46	32@0	18.29	17.75	21.04	19.20	0.0832
48B	15	20+15	645022	646166	DFT-s QPSK	60@46	32@0	18.88	18.68	21.79	19.95	0.0989
48B	15	20+15	645022	646166	DFT-s 16 QAM	60@46	32@0	18.76	18.28	21.54	19.70	0.0933
48B	15	15+20	637168	638312	DFT-s QPSK	32@47	60@0	18.88	18.65	21.78	19.94	0.0986
48B	15	15+20	637168	638312	DFT-s 16 QAM	32@47	60@0	18.71	18.23	21.49	19.65	0.0922
48B	15	15+20	641000	642144	DFT-s QPSK	32@47	60@0	18.91	18.31	21.63	19.79	0.0953
48B	15	15+20	641000	642144	DFT-s 16 QAM	32@47	60@0	18.17	17.78	20.99	19.15	0.0822
48B	15	15+20	644856	646000	DFT-s QPSK	32@47	60@0	8.74	8.36	11.56	9.72	0.0094
48B	15	15+20	644856	646000	DFT-s 16 QAM	32@47	60@0	8.67	8.26	11.48	9.64	0.0092
48B	15	20+10	637334	638310	DFT-s QPSK	64@42	12@0	8.91	8.41	11.68	9.84	0.0096
48B	15	20+10	637334	638310	DFT-s 16 QAM	64@42	12@0	8.82	8.31	11.58	9.74	0.0094
48B	15	20+10	641332	642308	DFT-s QPSK	64@42	12@0	16.52	15.42	19.02	17.18	0.0522
48B	15	20+10	641332	642308	DFT-s 16 QAM	64@42	12@0	15.53	15.45	18.50	16.66	0.0463
48B	15	20+10	645356	646332	DFT-s QPSK	64@42	12@0	16.9	15.87	19.43	17.59	0.0574
48B	15	20+10	645356	646332	DFT-s 16 QAM	64@42	12@0	15.97	15.98	18.99	17.15	0.0518
48B	15	10+20	637000	637976	DFT-s QPSK	12@40	64@0	16.59	16.48	19.55	17.71	0.0590
48B	15	10+20	637000	637976	DFT-s 16 QAM	12@40	64@0	16.64	15.66	19.19	17.35	0.0543
48B	15	10+20	641000	641976	DFT-s QPSK	12@40	64@0	16.12	15.77	18.96	17.12	0.0515
48B	15	10+20	641000	641976	DFT-s 16 QAM	12@40	64@0	15.99	14.85	18.47	16.63	0.0460
48B	15	10+20	645024	646000	DFT-s QPSK	12@40	64@0	8.59	8.51	11.56	9.72	0.0094
48B	15	10+20	645024	646000	DFT-s 16 QAM	12@40	64@0	8.58	8.37	11.49	9.65	0.0092
48B	15	15+15	637168	638168	DFT-s QPSK	40@39	36@0	8.83	8.32	11.59	9.75	0.0094
48B	15	15+15	637168	638168	DFT-s 16 QAM	40@39	36@0	8.73	8.09	11.43	9.59	0.0091
48B	15	15+15	641166	642166	DFT-s QPSK	40@39	36@0	16.17	15.53	18.87	17.03	0.0505
48B	15	15+15	641166	642166	DFT-s 16 QAM	40@39	36@0	15.71	15.36	18.55	16.71	0.0469
48B	15	15+15	645166	646166	DFT-s QPSK	40@39	36@0	8.96	8.19	11.60	9.76	0.0095
48B	15	15+15	645166	646166	DFT-s 16 QAM	40@39	36@0	8.81	8.01	11.44	9.60	0.0091
48B	15	15+10	637000	637832	DFT-s QPSK	45@34	20@0	8.52	8.48	11.51	9.67	0.0093
48B	15	15+10	637000	637832	DFT-s 16 QAM	45@34	20@0	8.32	8.28	11.31	9.47	0.0089

48B	15	15+10	641166	641998	DFT-s QPSK	45@34	20@0	18.57	18.27	21.43	19.59	0.0911
48B	15	15+10	641166	641998	DFT-s 16 QAM	45@34	20@0	18.46	17.68	21.10	19.26	0.0843
48B	15	15+10	645334	646166	DFT-s QPSK	45@34	20@0	18.86	18.67	21.78	19.94	0.0985
48B	15	15+10	645334	646166	DFT-s 16 QAM	45@34	20@0	19	18.2	21.63	19.79	0.0953
48B	15	10+15	637000	637832	DFT-s QPSK	20@32	45@0	18.87	18.63	21.76	19.92	0.0982
48B	15	10+15	637000	637832	DFT-s 16 QAM	20@32	45@0	18.76	18.27	21.53	19.69	0.0932
48B	15	10+15	641166	641998	DFT-s QPSK	20@32	45@0	18.53	18.37	21.46	19.62	0.0916
48B	15	10+15	641166	641998	DFT-s 16 QAM	20@32	45@0	18.46	17.68	21.10	19.26	0.0843
48B	15	10+15	645334	646166	DFT-s QPSK	20@32	45@0	8.79	7.99	11.42	9.58	0.0091
48B	15	10+15	645334	646166	DFT-s 16 QAM	20@32	45@0	8.61	7.84	11.25	9.41	0.0087
48B	15	10+10	637000	637664	DFT-s QPSK	25@27	25@0	13.19	13.13	16.17	14.33	0.0271
48B	15	10+10	637000	637664	DFT-s 16 QAM	25@27	25@0	13.09	12.99	16.05	14.21	0.0264
48B	15	10+10	641332	641996	DFT-s QPSK	25@27	25@0	18.58	18.52	21.56	19.72	0.0938
48B	15	10+10	641332	641996	DFT-s 16 QAM	25@27	25@0	18.42	17.58	21.03	19.19	0.0830
48B	15	10+10	645668	646332	DFT-s QPSK	25@27	25@0	12.9	12.88	15.90	14.06	0.0255
48B	15	10+10	645668	646332	DFT-s 16 QAM	25@27	25@0	12.79	12.71	15.76	13.92	0.0247

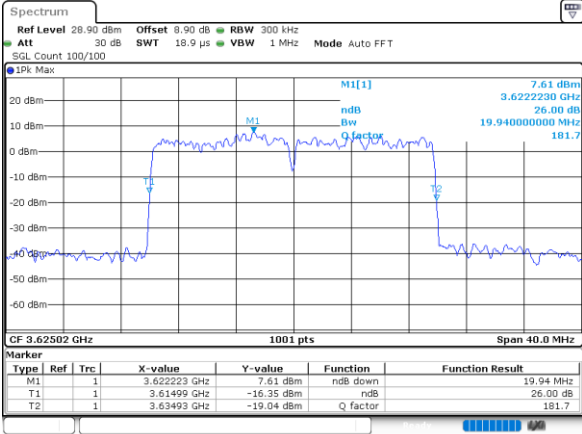
26dB Bandwidth

Mode	FCC N48B : 26dB BW(MHz)		
Modulation	10MHz+10MHz	10MHz+15MHz	10MHz+20MHz
QPSK	19.94	24.98	29.43
16QAM	19.98	24.93	29.49
64QAM	19.98	24.89	29.49
256QAM	19.98	24.89	29.49
Modulation	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
QPSK	24.92	29.91	35.87
16QAM	24.88	29.85	35.87
64QAM	24.98	29.91	35.94
256QAM	24.98	29.91	35.87
Modulation	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
QPSK	29.49	34.90	38.84
16QAM	29.43	34.90	39.08
64QAM	29.49	34.83	39.00
256QAM	29.49	34.83	39.16

FCC N48B

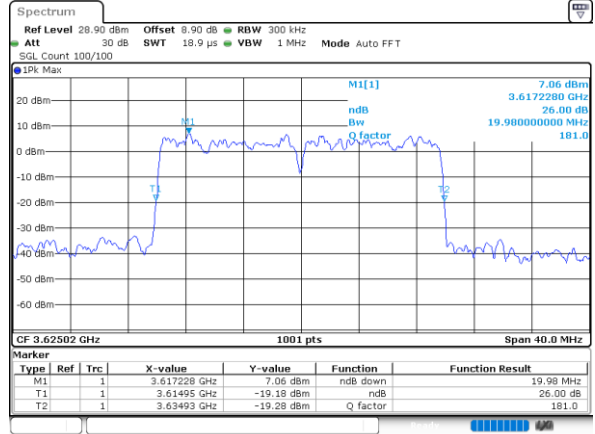
10M+10M

QPSK



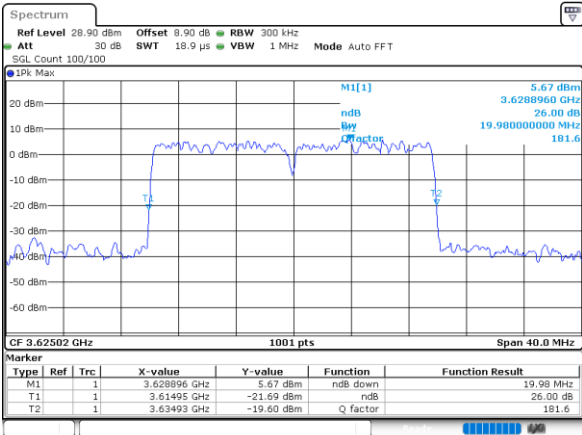
Date: 23.MAR.2024 23:11:43

16QAM



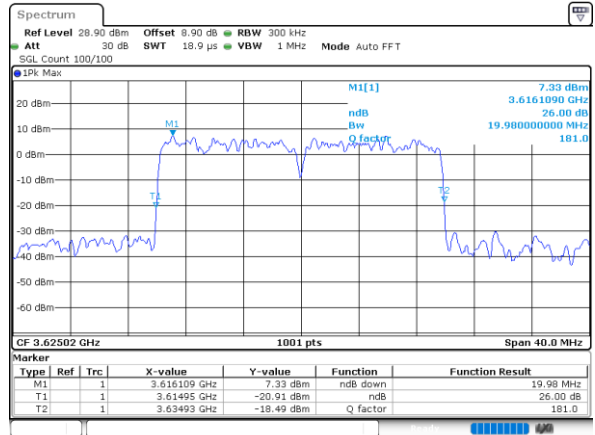
Date: 23.MAR.2024 23:12:17

64QAM



Date: 23.MAR.2024 23:12:24

256QAM

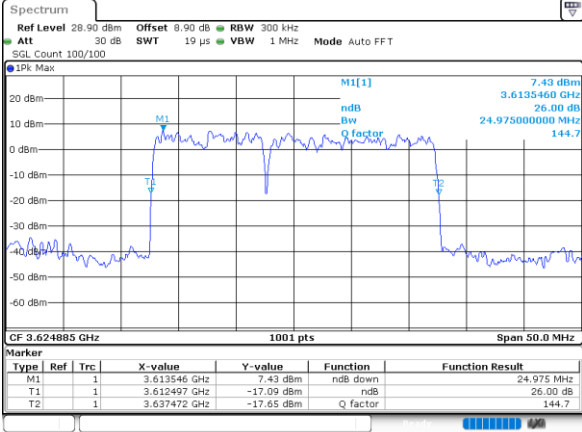


Date: 23.MAR.2024 23:12:38

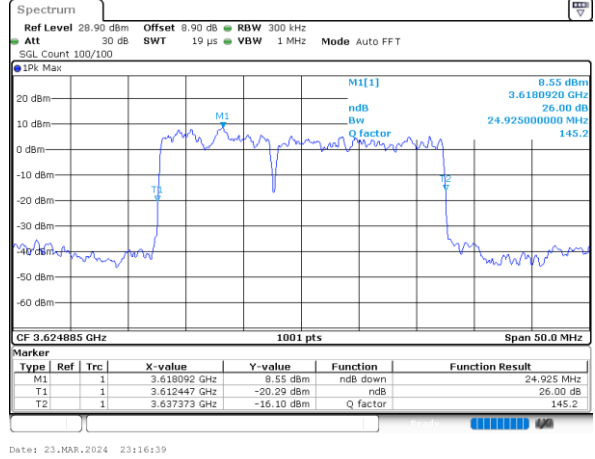
FCC N48B

10M+15M

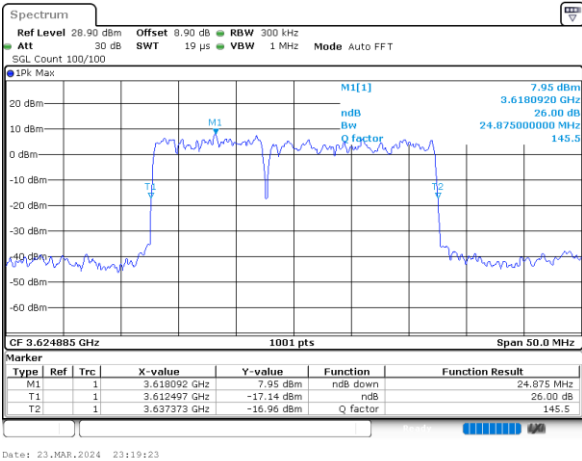
QPSK



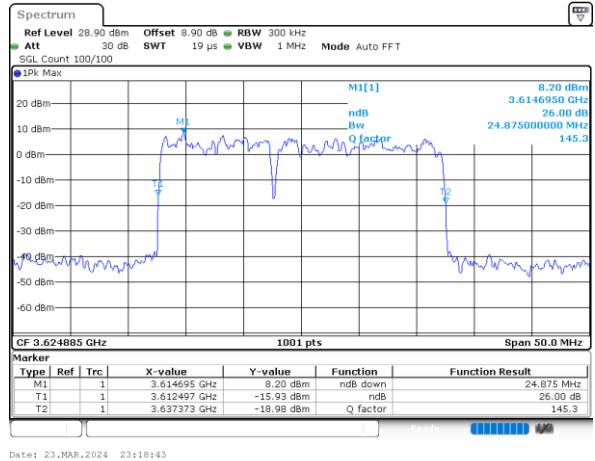
16QAM



64QAM



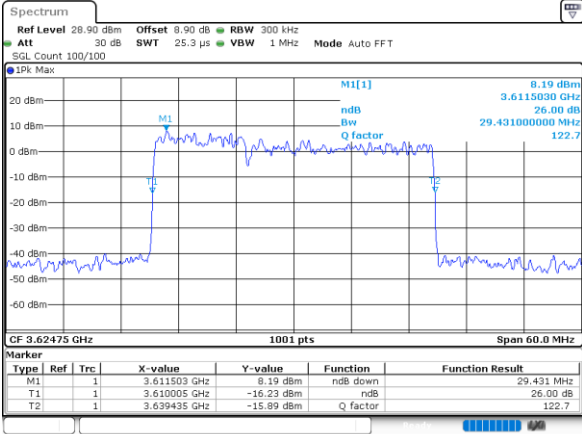
256QAM



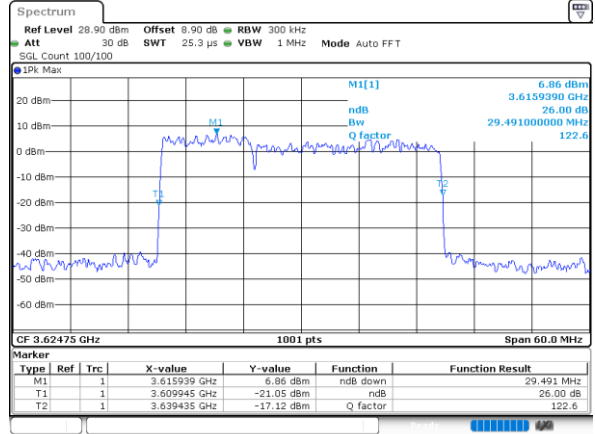
FCC N48B

10M+20M

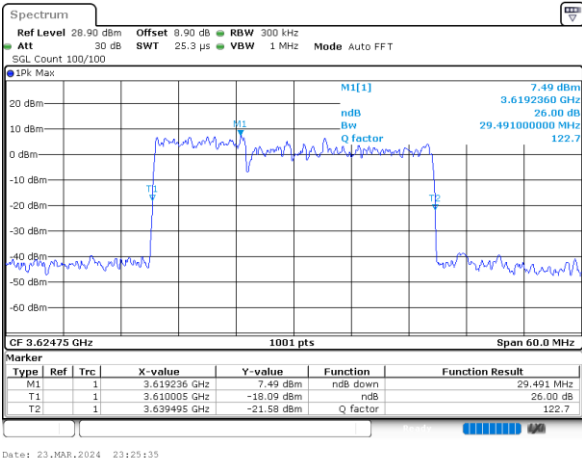
QPSK



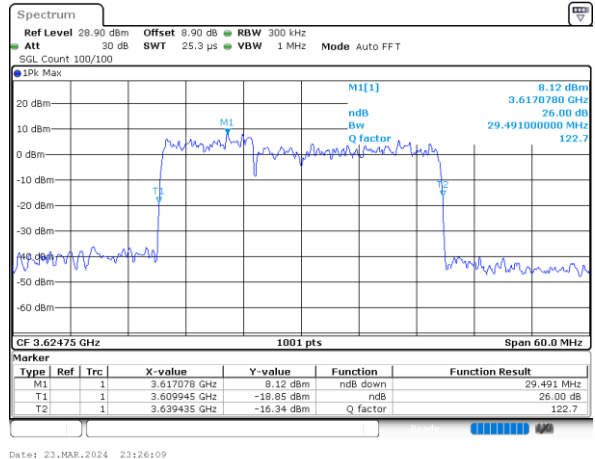
16QAM



64QAM



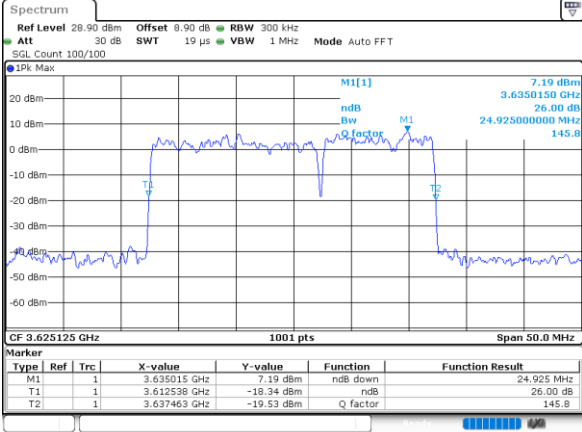
256QAM



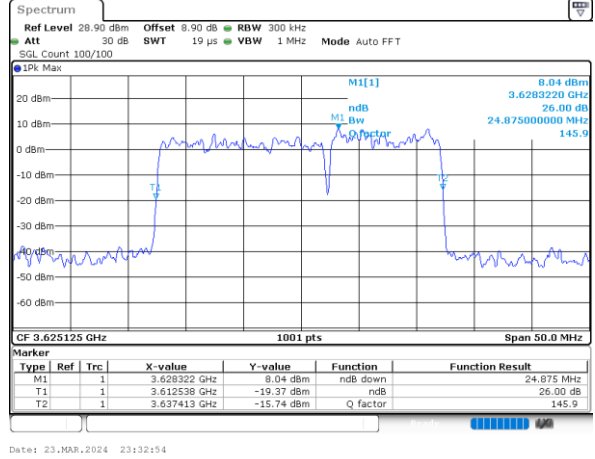
FCC N48B

15M+10M

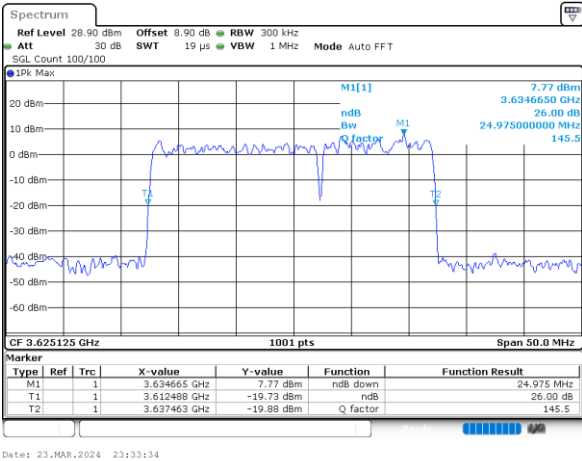
QPSK



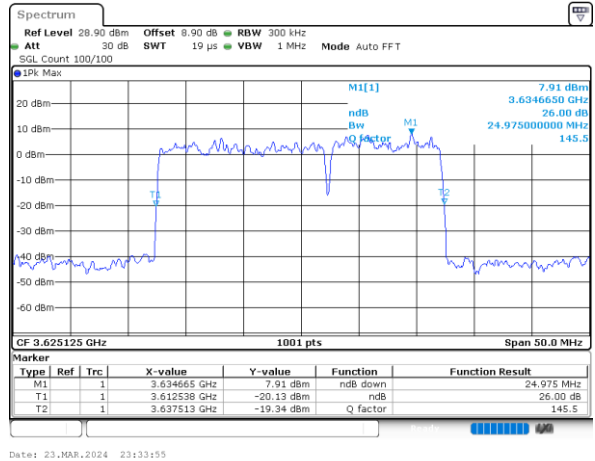
16QAM



64QAM



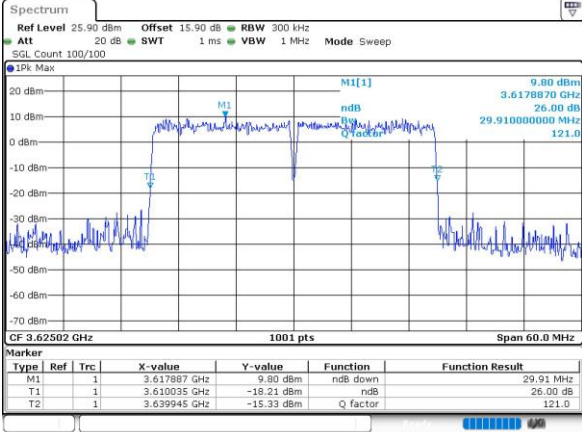
256QAM



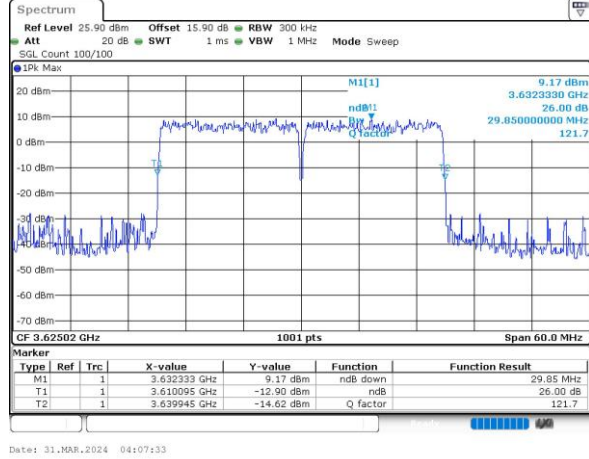
FCC N48B

15M+15M

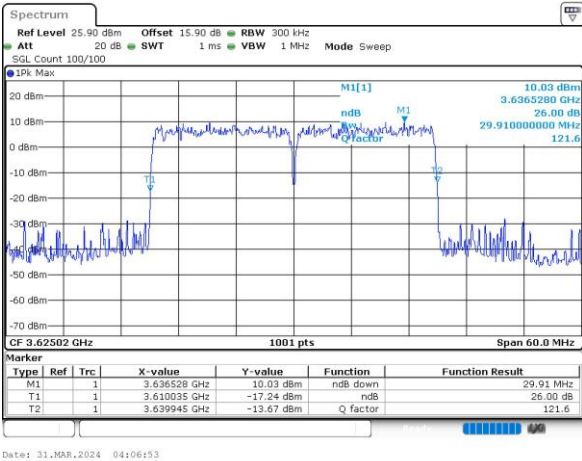
QPSK



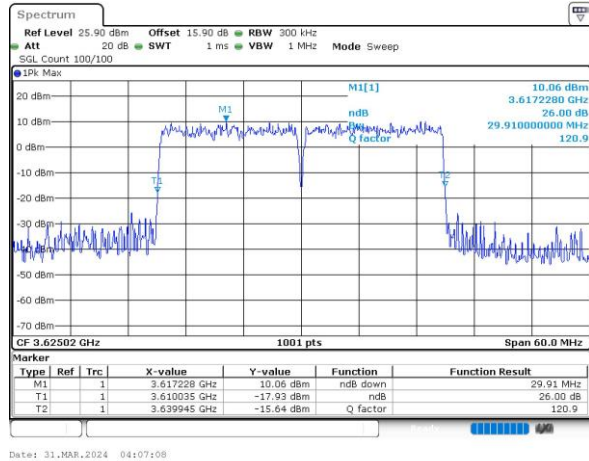
16QAM



64QAM



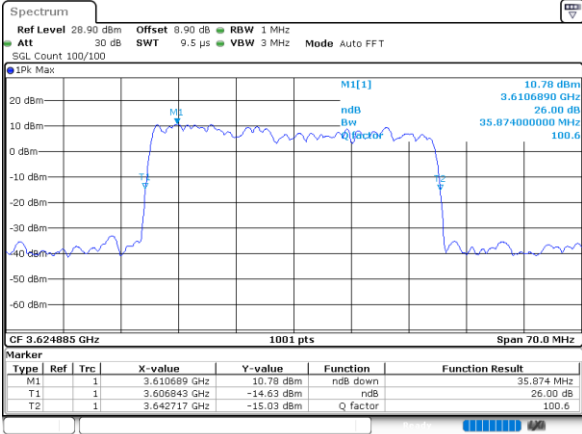
256QAM



FCC N48B

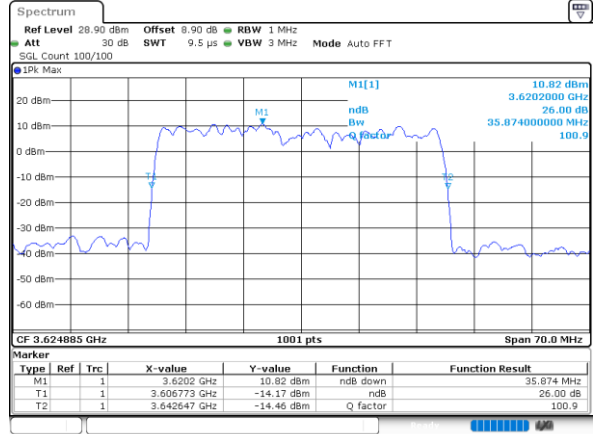
15M+20M

QPSK



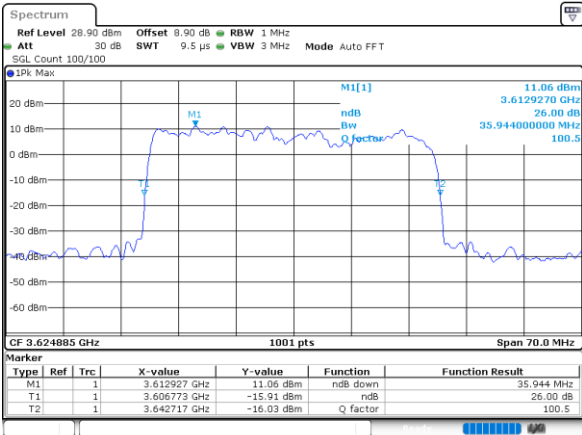
Date: 23.MAR.2024 23:54:00

16QAM



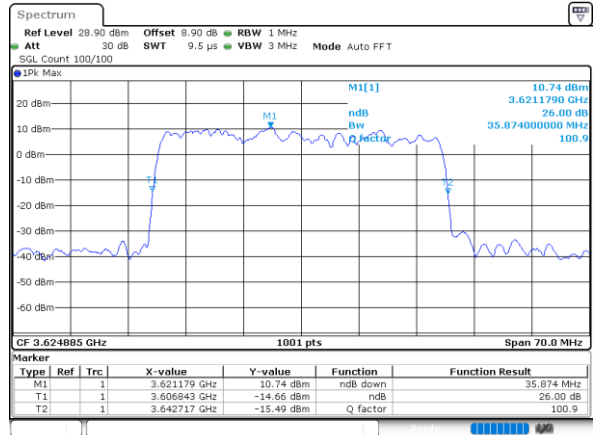
Date: 23.MAR.2024 23:53:21

64QAM



Date: 23.MAR.2024 23:54:30

256QAM

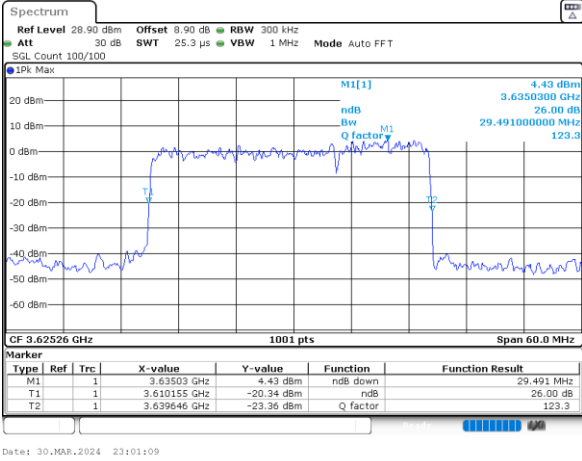


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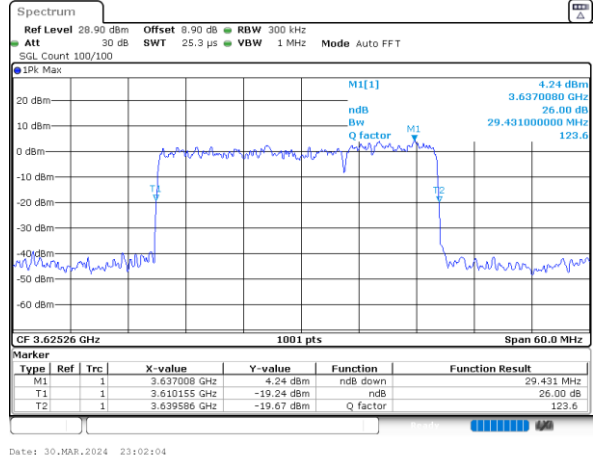
FCC N48B

20M+10M

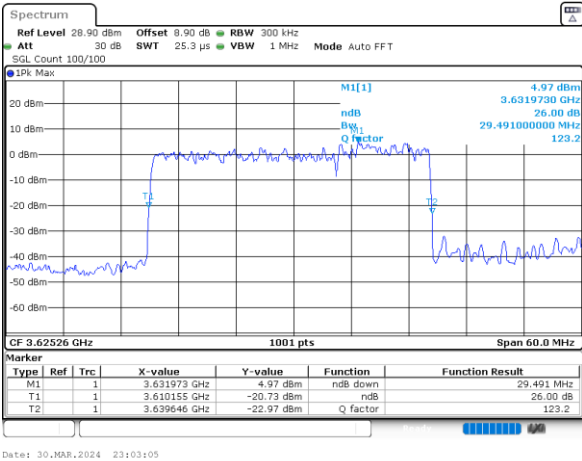
QPSK



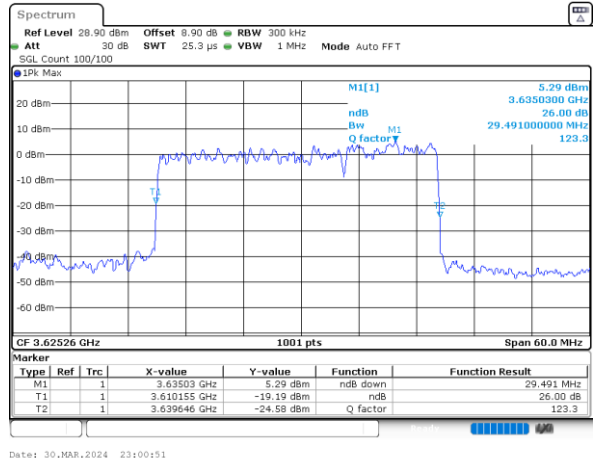
16QAM



64QAM



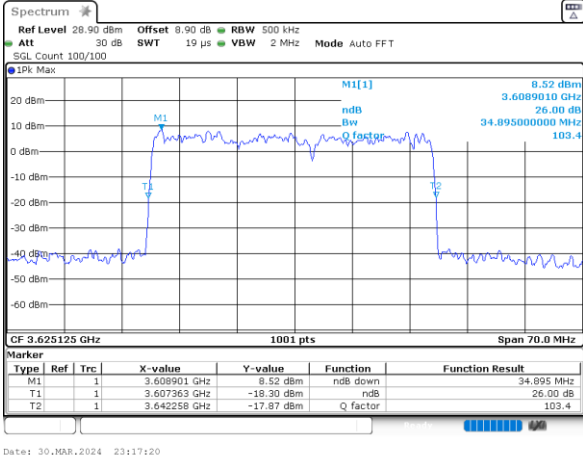
256QAM



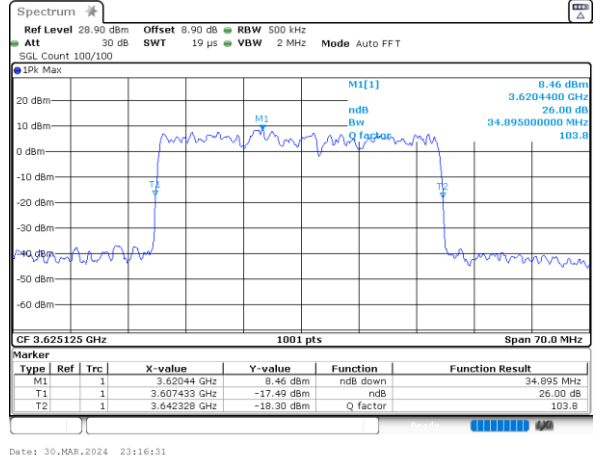
FCC N48B

20M+150M

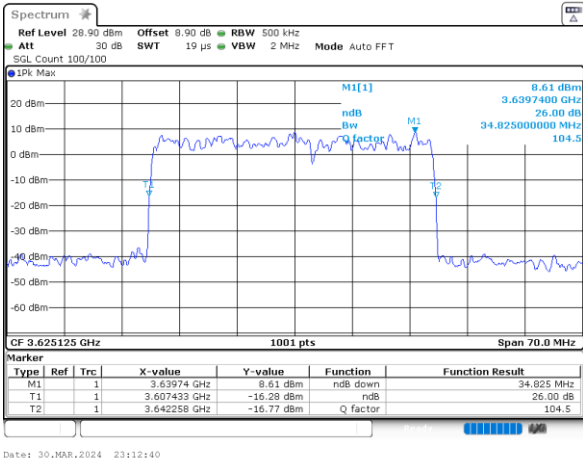
QPSK



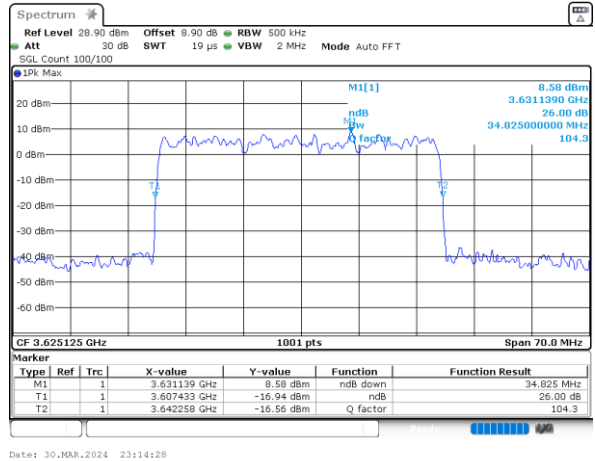
16QAM



64QAM



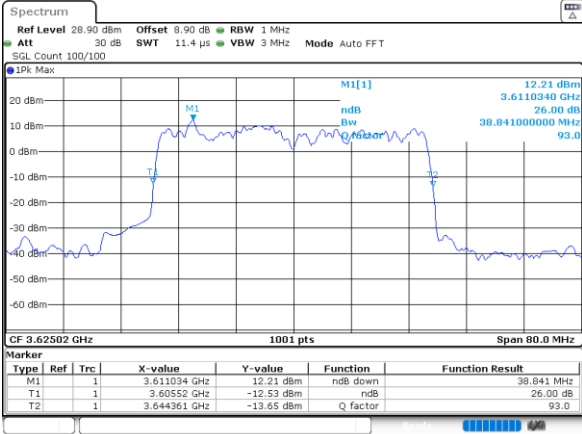
256QAM



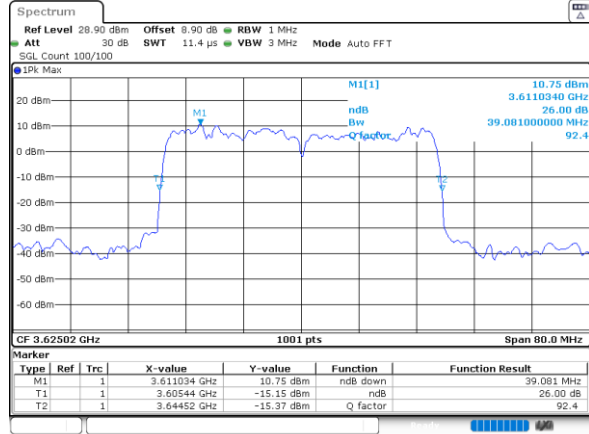
FCC N48B

20M+20M

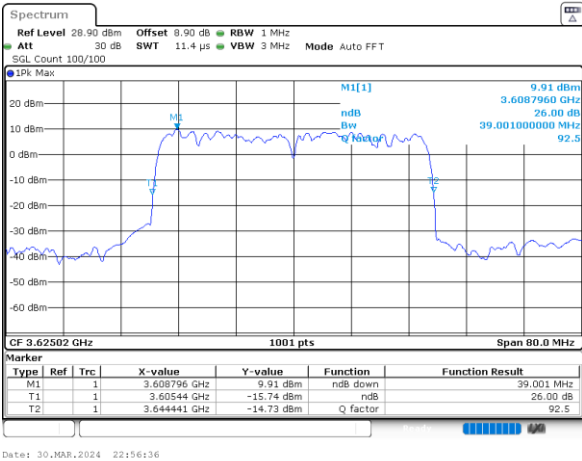
QPSK



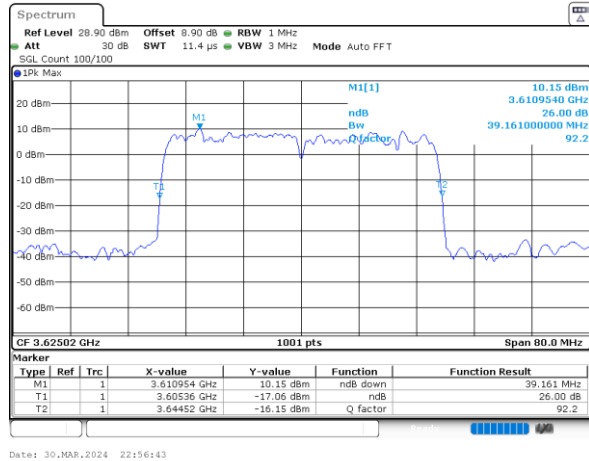
16QAM



64QAM



256QAM



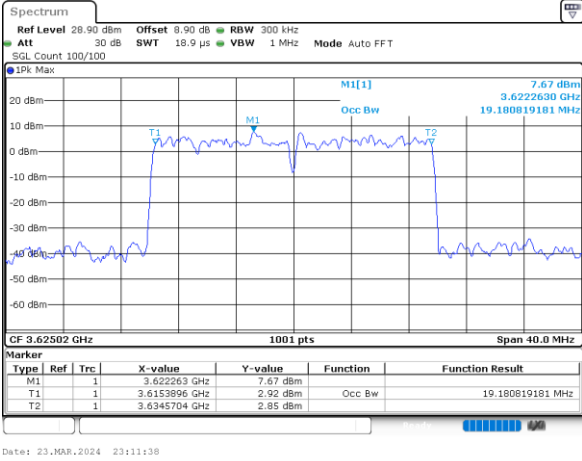
OBW Bandwidth

Mode	FCC N48B : OBW(MHz)		
Modulation	10MHz+10MHz	10MHz+15MHz	10MHz+20MHz
QPSK	19.18	23.93	28.59
16QAM	19.18	23.98	28.47
64QAM	19.10	24.13	28.65
256QAM	19.02	24.08	28.53
Modulation	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
QPSK	24.08	28.95	33.85
16QAM	23.98	28.83	33.85
64QAM	24.03	28.71	33.64
256QAM	24.13	28.83	33.64
Modulation	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
QPSK	28.53	33.64	37.00
16QAM	28.47	33.57	36.84
64QAM	28.53	33.29	36.92
256QAM	28.47	33.43	36.68

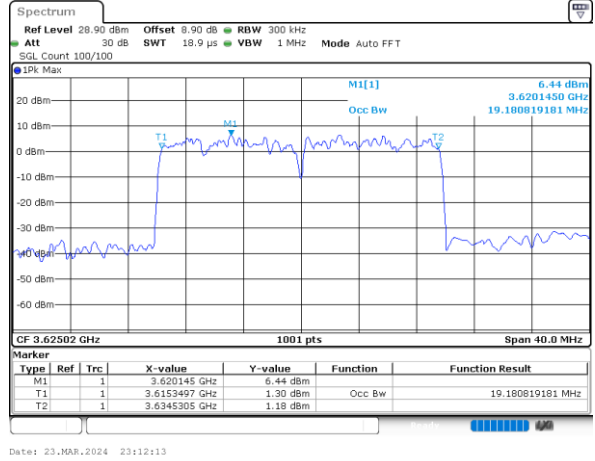
FCC N48B

10M+10M

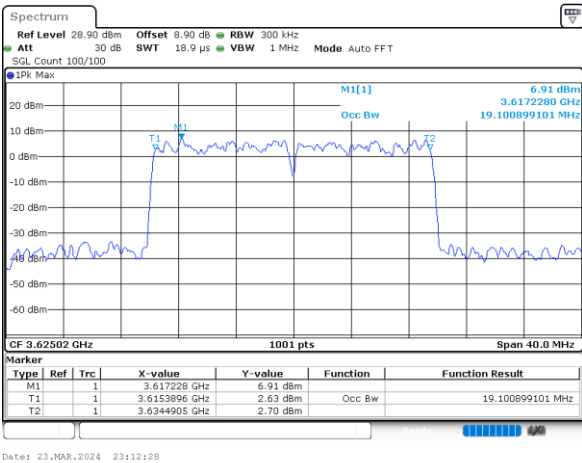
QPSK



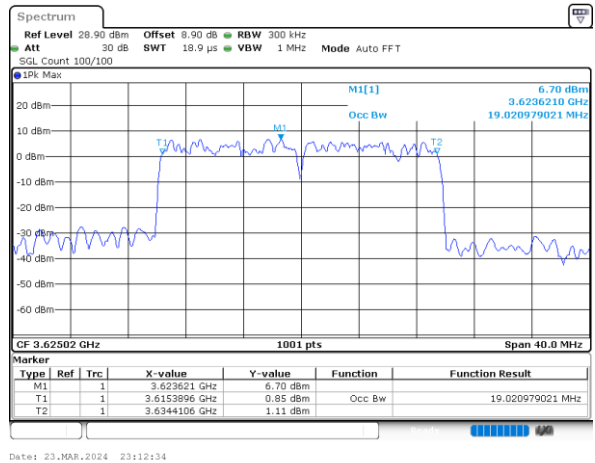
16QAM



64QAM



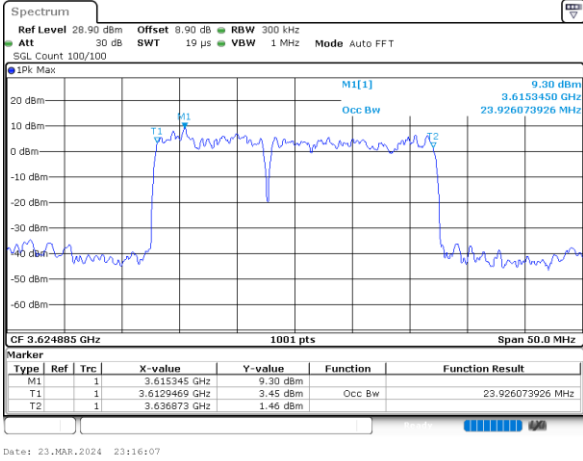
256QAM



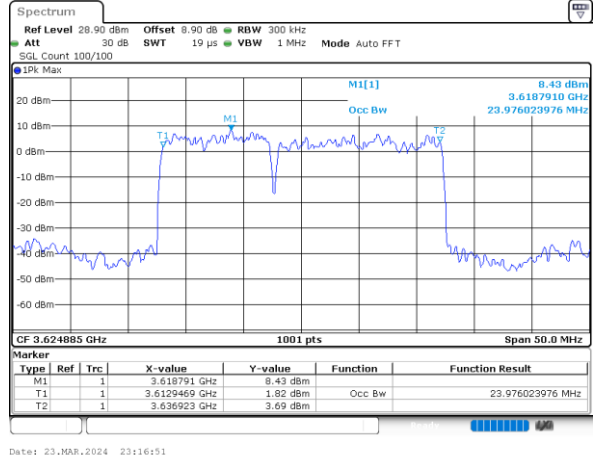
FCC N48B

10M+15M

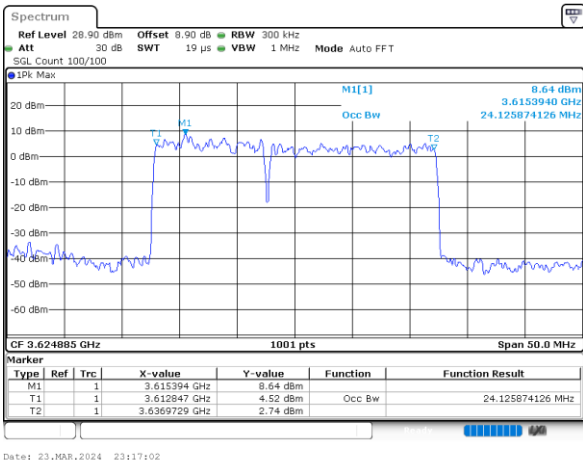
QPSK



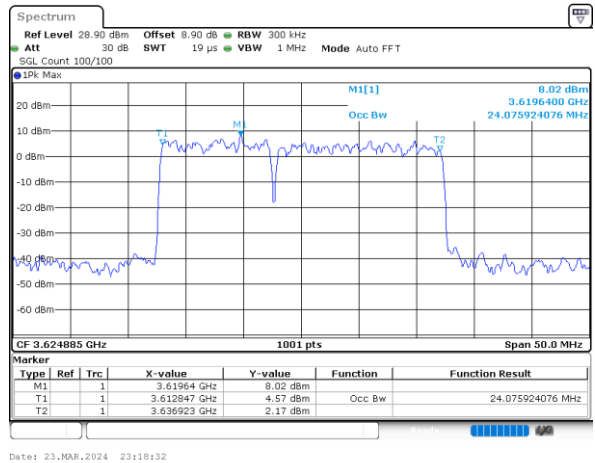
16QAM



64QAM



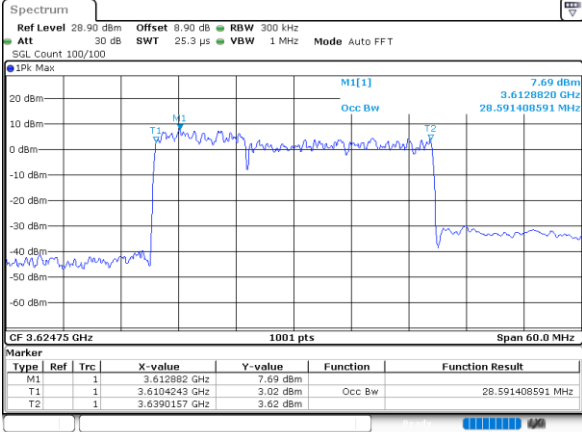
256QAM



FCC N48B

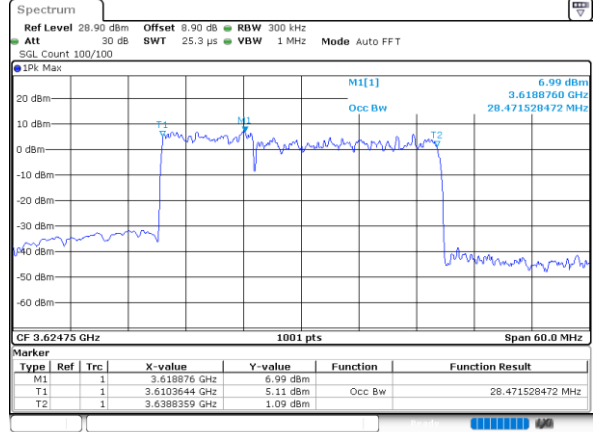
10M+20M

QPSK



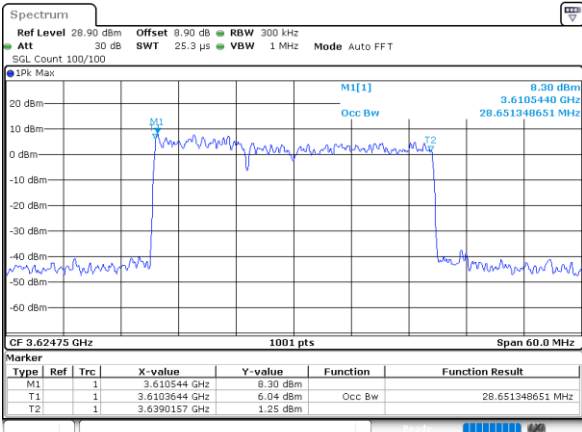
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16QAM



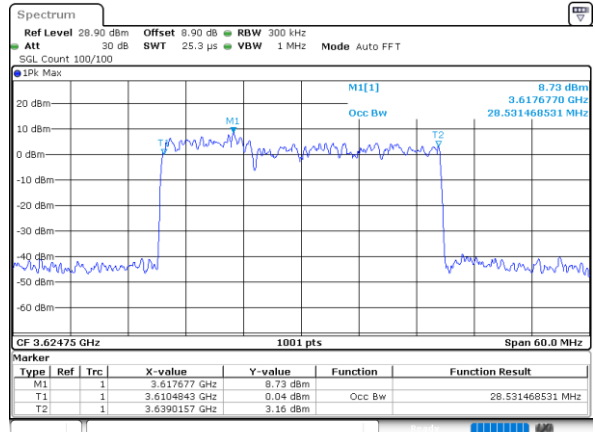
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64QAM



Date: 23.MAR.2024 23:25:21

256QAM

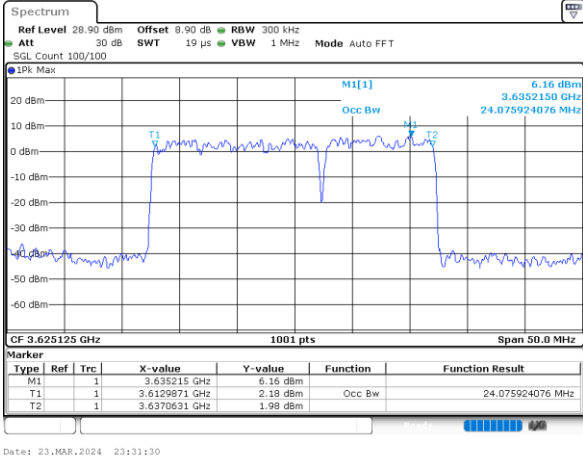


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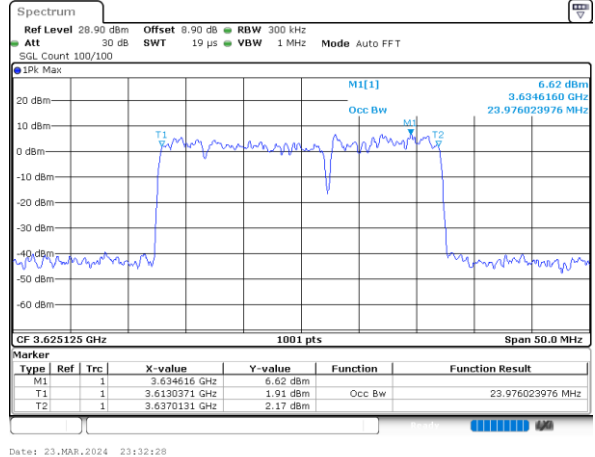
FCC N48B

15M+10M

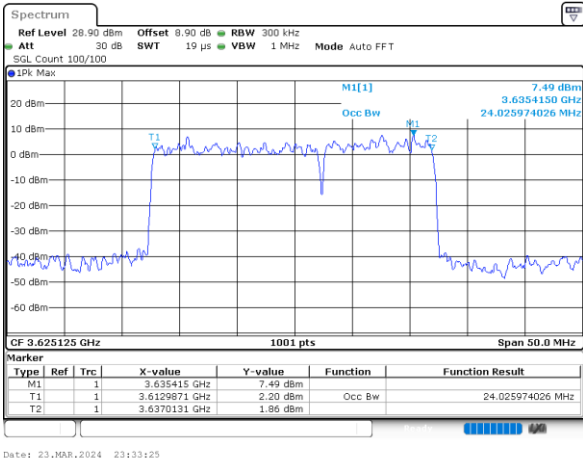
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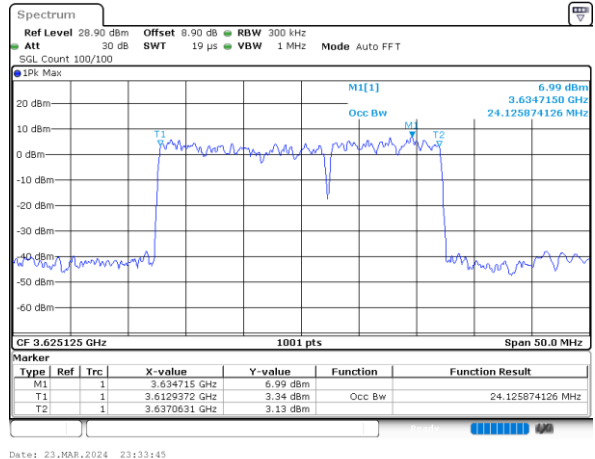
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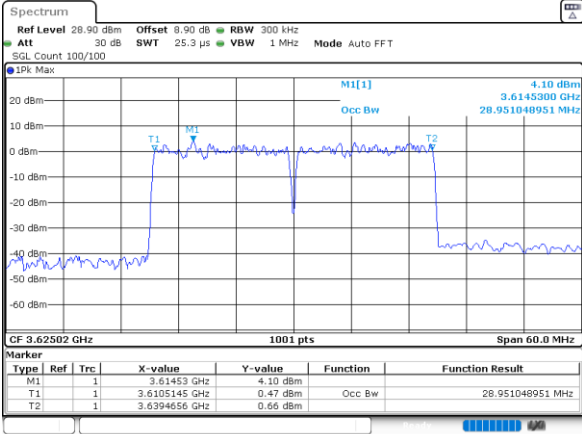
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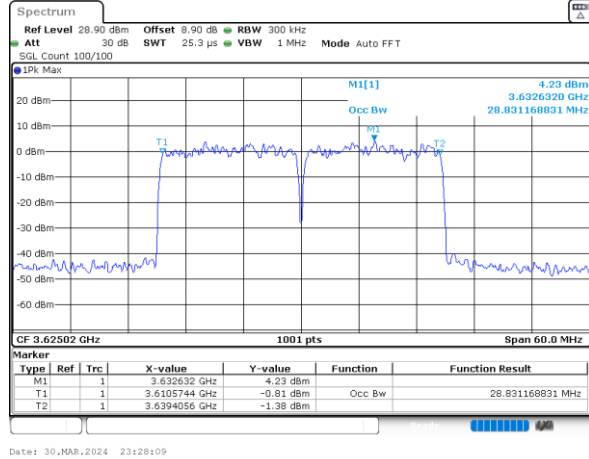
FCC N48B

15M+15M

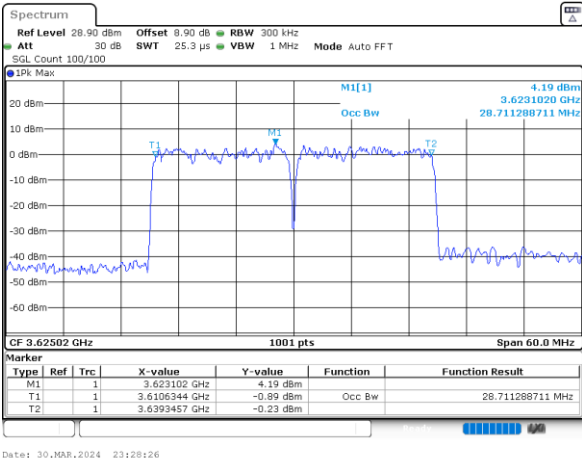
QPSK



16QAM



64QAM



256QAM

