FR1 ENDC_(n)41AA (ANT0+1) – SCS30kHz

Transmitter Conducted Output Power

Note: NRAA Power test three conditions: LTE Max & NR Min / LTE Min & NR Max / LTE & NR Averaged, the maximum power only show NR Max, and the other items only test LTE & NR Averaged, due to the LTE Max and NR Max have been tested stand alone mode separately.

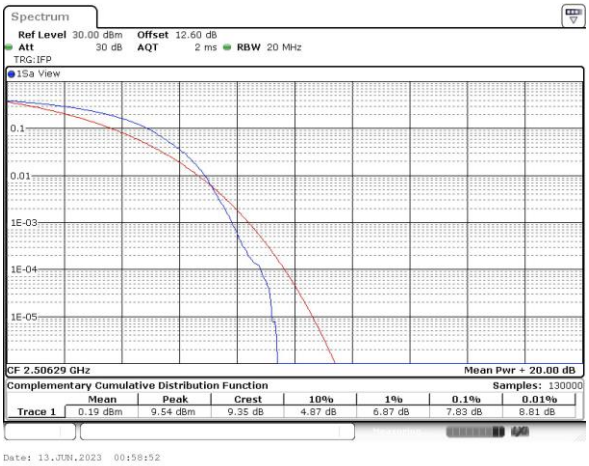
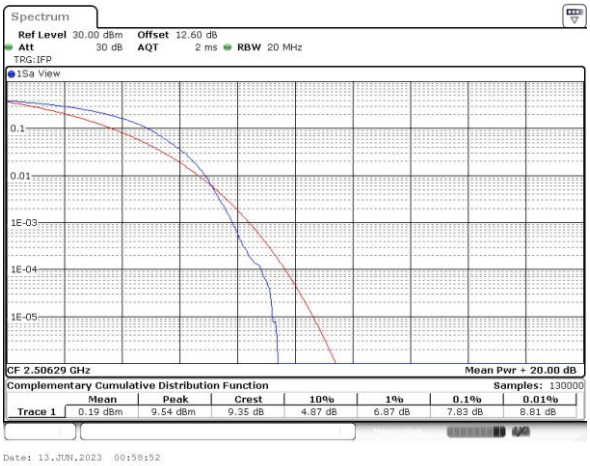
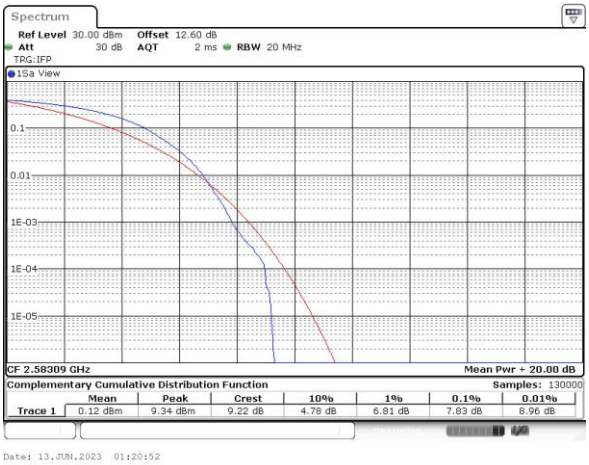
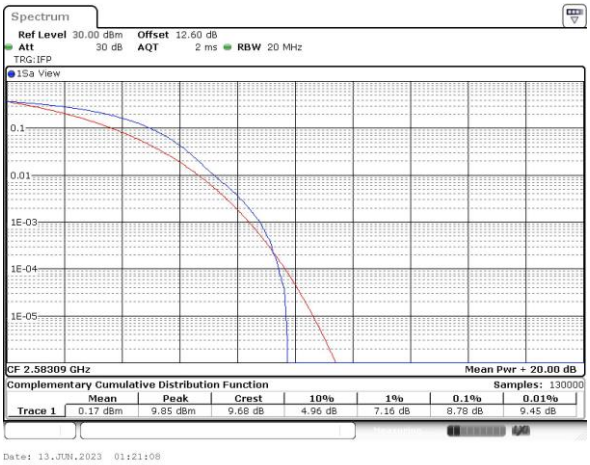
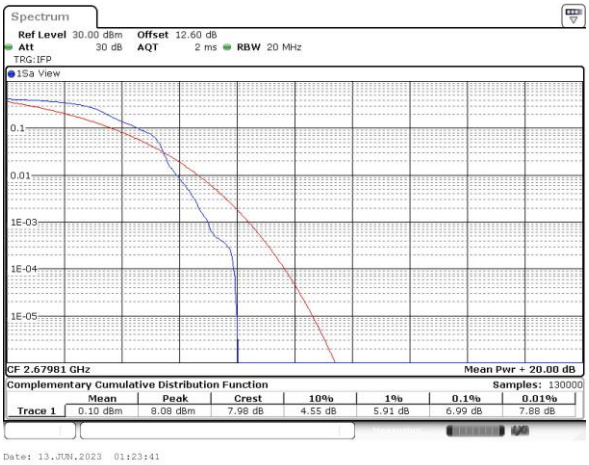
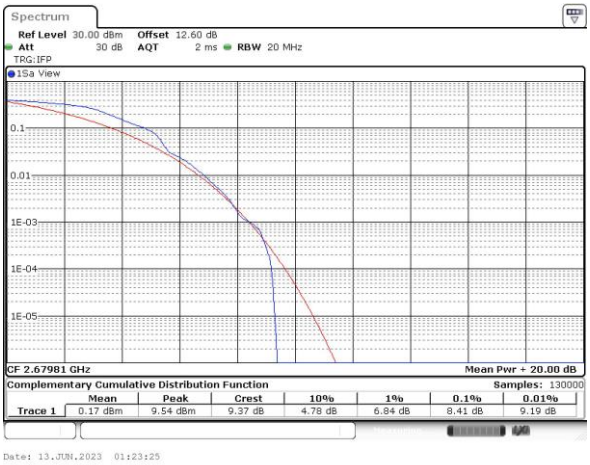
NR Band	SCS	Band Width	Arfcn/ NR	Arfcn/ LTE	Freq (MHz)/ NR	Freq (MHz)/ LTE	Modulation	NR RB	LTE RB	LTE Power	NR Power	Conducted Power (dBm)	Conducted Power (W)
41AA	30	10+20	500220	39851	2501.1	2516.1	DFT-s-OFDM QPSK	1@1	0@0	-77.8	25.54	25.54	0.3581
41AA	30	10+20	500220	39851	2501.1	2516.1	DFT-s-OFDM 16 QAM	1@1	0@0	-77.23	24.72	24.72	0.2965
41AA	30	10+20	516600	40670	2583	2598	DFT-s-OFDM QPSK	1@1	0@0	-77.82	25.53	25.53	0.3573
41AA	30	10+20	516600	40670	2583	2598	DFT-s-OFDM 16 QAM	1@1	0@0	-77.79	24.54	24.54	0.2844
41AA	30	10+20	537000	41390	2685	2670	DFT-s-OFDM QPSK	1@1	0@0	-77.27	25.33	25.33	0.3412
41AA	30	10+20	537000	41390	2685	2670	DFT-s-OFDM 16 QAM	1@1	0@0	-77.48	24.24	24.24	0.2655
41AA	30	15+20	500742	39902	2503.71	2521.2	DFT-s-OFDM QPSK	1@1	0@0	-77.46	25.56	25.56	0.3597
41AA	30	15+20	500742	39902	2503.71	2521.2	DFT-s-OFDM 16 QAM	1@1	0@0	-77.37	24.65	24.65	0.2917
41AA	30	15+20	516582	40694	2582.91	2600.4	DFT-s-OFDM QPSK	1@1	0@0	-77.46	25.58	25.58	0.3614
41AA	30	15+20	516582	40694	2582.91	2600.4	DFT-s-OFDM 16 QAM	1@1	0@0	-77.84	24.83	24.83	0.3041
41AA	30	15+20	536478	41339	2682.39	2664.9	DFT-s-OFDM QPSK	1@1	0@0	-77.64	25.43	25.43	0.3491
41AA	30	15+20	536478	41339	2682.39	2664.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.31	24.41	24.41	0.2761
41AA	30	20+20	501258	39953	2506.29	2526.3	DFT-s-OFDM QPSK	1@1	0@0	-77.32	25.39	25.39	0.3459
41AA	30	20+20	501258	39953	2506.29	2526.3	DFT-s-OFDM 16 QAM	1@1	0@0	-77.23	24.45	24.45	0.2786
41AA	30	20+20	516618	40721	2583.09	2603.1	DFT-s-OFDM QPSK	1@1	0@0	-77.63	25.7	25.70	0.3715
41AA	30	20+20	516618	40721	2583.09	2603.1	DFT-s-OFDM 16 QAM	1@1	0@0	-77.86	24.46	24.46	0.2793
41AA	30	20+20	535962	41288	2679.81	2659.8	DFT-s-OFDM QPSK	1@1	0@0	-77.8	25.74	25.74	0.3750
41AA	30	20+20	535962	41288	2679.81	2659.8	DFT-s-OFDM 16 QAM	1@1	0@0	-77.79	24.41	24.41	0.2761
41AA	30	30+20	502242	40052	2511.21	2536.2	DFT-s-OFDM QPSK	1@1	0@0	-77.52	25.69	25.69	0.3707
41AA	30	30+20	502242	40052	2511.21	2536.2	DFT-s-OFDM 16 QAM	1@1	0@0	-77.7	24.71	24.71	0.2958
41AA	30	30+20	516642	40772	2583.21	2608.2	DFT-s-OFDM QPSK	1@1	0@0	-77.33	25.7	25.70	0.3715
41AA	30	30+20	516642	40772	2583.21	2608.2	DFT-s-OFDM 16 QAM	1@1	0@0	-77.36	24.87	24.87	0.3069
41AA	30	30+20	534978	41189	2674.89	2649.9	DFT-s-OFDM QPSK	1@1	0@0	-77.83	25.52	25.52	0.3565
41AA	30	30+20	534978	41189	2674.89	2649.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.47	24.52	24.52	0.2831
41AA	30	35+20	502758	40103	2513.79	2541.3	DFT-s-OFDM QPSK	1@1	0@0	-77.76	25.89	25.89	0.3882
41AA	30	35+20	502758	40103	2513.79	2541.3	DFT-s-OFDM 16 QAM	1@1	0@0	-77.47	24.55	24.55	0.2851
41AA	30	35+20	516618	40796	2583.09	2610.6	DFT-s-OFDM QPSK	1@1	0@0	-77.84	25.88	25.88	0.3873
41AA	30	35+20	516618	40796	2583.09	2610.6	DFT-s-OFDM 16 QAM	1@1	0@0	-77.84	24.85	24.85	0.3055
41AA	30	35+20	534462	41138	2672.31	2644.8	DFT-s-OFDM QPSK	1@1	0@0	-77.37	25.89	25.89	0.3882
41AA	30	35+20	534462	41138	2672.31	2644.8	DFT-s-OFDM 16 QAM	1@1	0@0	-77.37	24.49	24.49	0.2812
41AA	30	40+20	503220	40151	2516.1	2546.1	DFT-s-OFDM QPSK	1@1	0@0	-77.49	25.34	25.34	0.3420
41AA	30	40+20	503220	40151	2516.1	2546.1	DFT-s-OFDM 16 QAM	1@1	0@0	-77.27	24.38	24.38	0.2742
41AA	30	40+20	516600	40820	2583	2613	DFT-s-OFDM QPSK	1@1	0@0	-77.88	25.73	25.73	0.3741

41AA	30	40+20	516600	40820	2583	2613	DFT-s-OFDM 16 QAM	1@1	0@0	-77.6	24.72	24.72	0.2965
41AA	30	40+20	534000	41090	2670	2640	DFT-s-OFDM QPSK	1@1	0@0	-77.66	25.63	25.63	0.3656
41AA	30	40+20	534000	41090	2670	2640	DFT-s-OFDM 16 QAM	1@1	0@0	-77.53	24.83	24.83	0.3041
41AA	30	50+20	504258	40253	2521.29	2556.3	DFT-s-OFDM QPSK	1@1	0@0	-77.39	25.28	25.28	0.3373
41AA	30	50+20	504258	40253	2521.29	2556.3	DFT-s-OFDM 16 QAM	1@1	0@0	-77.61	24.5	24.50	0.2818
41AA	30	50+20	516618	40871	2583.09	2618.1	DFT-s-OFDM QPSK	1@1	0@0	-77.66	25.24	25.24	0.3342
41AA	30	50+20	516618	40871	2583.09	2618.1	DFT-s-OFDM 16 QAM	1@1	0@0	-77.33	24.66	24.66	0.2924
41AA	30	50+20	532962	40988	2664.81	2629.8	DFT-s-OFDM QPSK	1@1	0@0	-77.73	25.58	25.58	0.3614
41AA	30	50+20	532962	40988	2664.81	2629.8	DFT-s-OFDM 16 QAM	1@1	0@0	-77.54	24.66	24.66	0.2924
41AA	30	60+20	505242	40352	2526.21	2566.2	DFT-s-OFDM QPSK	1@1	0@0	-77.69	25.49	25.49	0.3540
41AA	30	60+20	505242	40352	2526.21	2566.2	DFT-s-OFDM 16 QAM	1@1	0@0	-77.39	24.37	24.37	0.2735
41AA	30	60+20	516582	40919	2582.91	2622.9	DFT-s-OFDM QPSK	1@1	0@0	-77.73	25.29	25.29	0.3381
41AA	30	60+20	516582	40919	2582.91	2622.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.62	24.25	24.25	0.2661
41AA	30	60+20	531978	40889	2659.89	2619.9	DFT-s-OFDM QPSK	1@1	0@0	-77.78	25.44	25.44	0.3499
41AA	30	60+20	531978	40889	2659.89	2619.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.67	24.86	24.86	0.3062
41AA	30	70+20	508200	40550	2541	2586	DFT-s-OFDM QPSK	1@1	0@0	-77.26	25.32	25.32	0.3404
41AA	30	70+20	508200	40550	2541	2586	DFT-s-OFDM 16 QAM	1@1	0@0	-77.64	24.85	24.85	0.3055
41AA	30	70+20	516600	40970	2583	2628	DFT-s-OFDM QPSK	1@1	0@0	-77.42	25.75	25.75	0.3758
41AA	30	70+20	516600	40970	2583	2628	DFT-s-OFDM 16 QAM	1@1	0@0	-77.29	24.65	24.65	0.2917
41AA	30	70+20	531000	40790	2655	2610	DFT-s-OFDM QPSK	1@1	0@0	-77.81	25.67	25.67	0.3690
41AA	30	70+20	531000	40790	2655	2610	DFT-s-OFDM 16 QAM	1@1	0@0	-77.87	24.83	24.83	0.3041
41AA	30	80+20	507258	40553	2536.29	2586.3	DFT-s-OFDM QPSK	1@1	0@0	-77.42	25.42	25.42	0.3483
41AA	30	80+20	507258	40553	2536.29	2586.3	DFT-s-OFDM 16 QAM	1@1	0@0	-77.41	24.43	24.43	0.2773
41AA	30	80+20	516618	41021	2583.09	2633.1	DFT-s-OFDM QPSK	1@1	0@0	-77.88	25.88	25.88	0.3873
41AA	30	80+20	516618	41021	2583.09	2633.1	DFT-s-OFDM 16 QAM	1@1	0@0	-77.35	24.83	24.83	0.3041
41AA	30	80+20	529962	40688	2649.81	2599.8	DFT-s-OFDM QPSK	1@1	0@0	-77.56	25.82	25.82	0.3819
41AA	30	80+20	529962	40688	2649.81	2599.8	DFT-s-OFDM 16 QAM	1@1	0@0	-77.83	24.55	24.55	0.2851
41AA	30	90+20	508242	40652	2541.21	2596.2	DFT-s-OFDM QPSK	1@1	0@0	-77.76	25.55	25.55	0.3589
41AA	30	90+20	508242	40652	2541.21	2596.2	DFT-s-OFDM 16 QAM	1@1	0@0	-77.29	24.58	24.58	0.2871
41AA	30	90+20	516582	41069	2582.91	2637.9	DFT-s-OFDM QPSK	1@1	0@0	-77.54	25.22	25.22	0.3327
41AA	30	90+20	516582	41069	2582.91	2637.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.37	24.38	24.38	0.2742
41AA	30	90+20	528978	40589	2644.89	2589.9	DFT-s-OFDM QPSK	1@1	0@0	-77.88	25.21	25.21	0.3319
41AA	30	90+20	528978	40589	2644.89	2589.9	DFT-s-OFDM 16 QAM	1@1	0@0	-77.73	24.22	24.22	0.2642
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM PI/2 BPSK	135@67	0@0	-78.4	25.51	25.51	0.3556
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-78.36	25.22	25.22	0.3327
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM PI/2 BPSK	1@271	0@0	-78.39	25.31	25.31	0.3396
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM QPSK	135@67	0@0	-78.45	25.61	25.61	0.3639
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM QPSK	1@1	0@0	-78.37	25.2	25.20	0.3311
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM QPSK	1@271	0@0	-78.38	25.27	25.27	0.3365
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 16 QAM	135@67	0@0	-78.25	24.62	24.62	0.2897
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 16 QAM	1@1	0@0	-78.34	24.24	24.24	0.2655
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 16 QAM	1@271	0@0	-78.26	24.37	24.37	0.2735
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 64 QAM	135@67	0@0	-78.19	23.1	23.10	0.2042
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 64 QAM	1@1	0@0	-78.29	22.79	22.79	0.1901
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 64 QAM	1@271	0@0	-78.69	22.9	22.90	0.1950

41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 256 QAM	135@67	0@0	-78.54	21.41	21.41	0.1384
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 256 QAM	1@1	0@0	-78.38	21	21.00	0.1259
41AA	30	100+20	509220	40751	2546.1	2606.1	DFT-s-OFDM 256 QAM	1@271	0@0	-78.69	21.08	21.08	0.1282
41AA	30	100+20	509220	40751	2546.1	2606.1	CP-OFDM QPSK	137@68	0@0	-78.33	24.08	24.08	0.2559
41AA	30	100+20	509220	40751	2546.1	2606.1	CP-OFDM QPSK	1@1	0@0	-78	23.7	23.70	0.2344
41AA	30	100+20	509220	40751	2546.1	2606.1	CP-OFDM QPSK	1@271	0@0	-78.24	23.84	23.84	0.2421
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM PI/2 BPSK	135@67	0@0	-67.06	25.49	25.49	0.3540
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-67.5	25.22	25.22	0.3327
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM PI/2 BPSK	1@271	0@0	-67.41	25.64	25.64	0.3664
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM QPSK	135@67	0@0	-67.29	25.49	25.49	0.3540
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM QPSK	1@1	0@0	-67.16	25.23	25.23	0.3334
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM QPSK	1@271	0@0	-66.89	25.69	25.69	0.3707
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 16 QAM	135@67	0@0	-67.25	24.57	24.57	0.2864
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 16 QAM	1@1	0@0	-65.29	24.34	24.34	0.2716
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 16 QAM	1@271	0@0	-68.35	24.75	24.75	0.2985
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 64 QAM	135@67	0@0	-66.19	23.07	23.07	0.2028
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 64 QAM	1@1	0@0	-66.28	22.9	22.90	0.1950
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 64 QAM	1@271	0@0	-66.34	23.34	23.34	0.2158
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 256 QAM	135@67	0@0	-66.31	21.35	21.35	0.1365
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 256 QAM	1@1	0@0	-66.29	21.1	21.10	0.1288
41AA	30	100+20	516600	41120	2583	2643	DFT-s-OFDM 256 QAM	1@271	0@0	-66.57	21.34	21.34	0.1361
41AA	30	100+20	516600	41120	2583	2643	CP-OFDM QPSK	137@68	0@0	-66.22	24.07	24.07	0.2553
41AA	30	100+20	516600	41120	2583	2643	CP-OFDM QPSK	1@1	0@0	-65.39	23.76	23.76	0.2377
41AA	30	100+20	516600	41120	2583	2643	CP-OFDM QPSK	1@271	0@0	-66.81	24.13	24.13	0.2588
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM PI/2 BPSK	135@67	0@0	-68.33	25.6	25.60	0.3631
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM PI/2 BPSK	1@1	0@0	-68.68	25.02	25.02	0.3177
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM PI/2 BPSK	1@271	0@0	-68.35	26.15	**26.15**	0.4121
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM QPSK	135@67	0@0	-68.37	25.62	25.62	0.3648
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM QPSK	1@1	0@0	-68.49	25.03	25.03	0.3184
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM QPSK	1@271	0@0	-68.23	26.14	26.14	0.4111
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 16 QAM	135@67	0@0	-68.29	24.65	24.65	0.2917
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 16 QAM	1@1	0@0	-68.25	24.39	24.39	0.2748
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 16 QAM	1@271	0@0	-68.39	25.25	25.25	0.3350
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 64 QAM	135@67	0@0	-68.33	23.21	23.21	0.2094
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 64 QAM	1@1	0@0	-68.54	22.42	22.42	0.1746
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 64 QAM	1@271	0@0	-68.21	23.54	23.54	0.2259
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 256 QAM	135@67	0@0	-68.11	21.41	21.41	0.1384
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 256 QAM	1@1	0@0	-68.24	20.82	20.82	0.1208
41AA	30	100+20	528000	40490	2640	2580	DFT-s-OFDM 256 QAM	1@271	0@0	-68.27	21.79	21.79	0.1510
41AA	30	100+20	528000	40490	2640	2580	CP-OFDM QPSK	137@68	0@0	-68.29	24.17	24.17	0.2612
41AA	30	100+20	528000	40490	2640	2580	CP-OFDM QPSK	1@1	0@0	-68.19	23.5	23.50	0.2239
41AA	30	100+20	528000	40490	2640	2580	CP-OFDM QPSK	1@271	0@0	-68.33	24.6	24.60	0.2884

Peak-to-Average Ratio

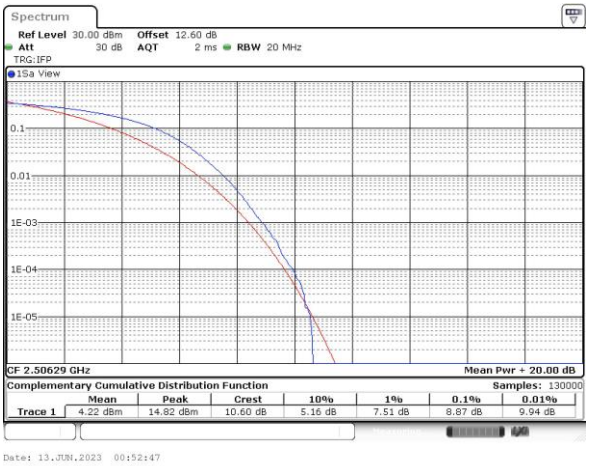
Mode	FR1 N41AA / BW 20MHz+20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	7.83	8.87	7.94	8.03	PASS
Middle CH	7.83	7.22	8.78	8.41	
Highest CH	6.99	7.25	8.41	8.32	

FR1 N41AA / BW 20MHz+20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / 1RB	**Lowest Channel / 1RB**
	
Middle Channel / 1 RB	**Middle Channel / 1 RB**
	
Highest Channel / 1 RB	**Highest Channel / 1 RB**
	

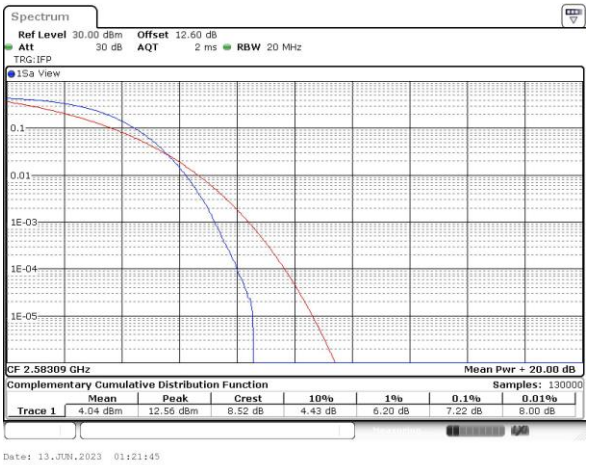
FR1 N41AA / BW 20MHz+20MHz / DFT-S OFDM

PI/2 BPSK

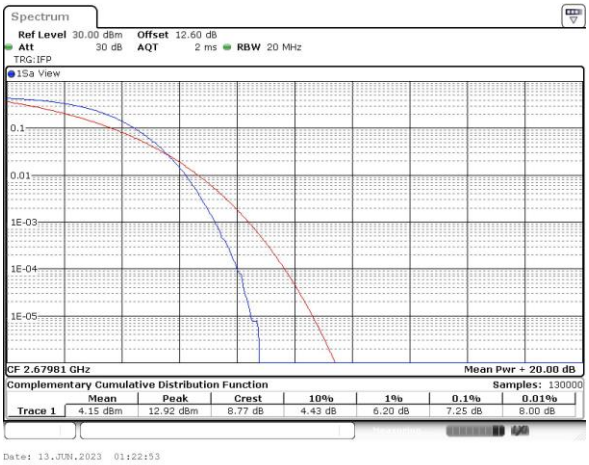
Lowest Channel / Full RB



Middle Channel / Full RB

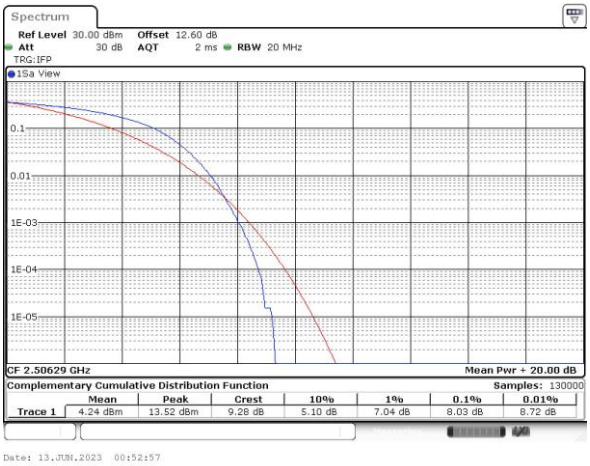


Highest Channel / Full RB

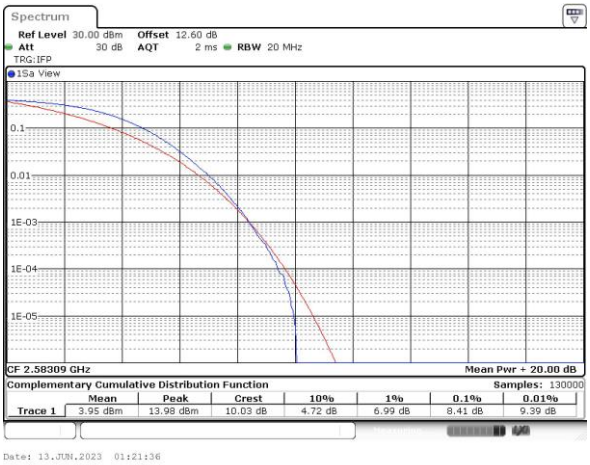


QPSK

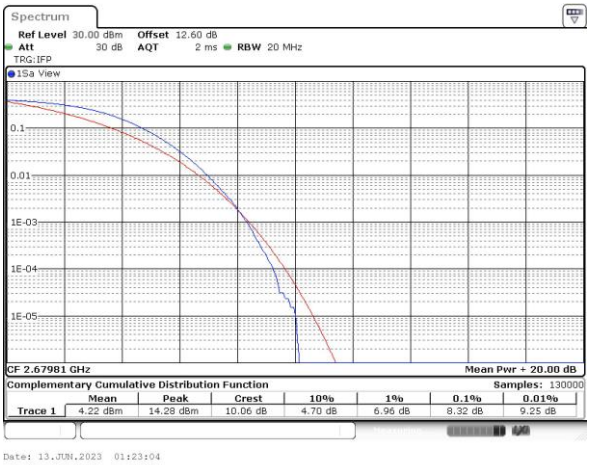
Lowest Channel / Full RB



Middle Channel / Full RB

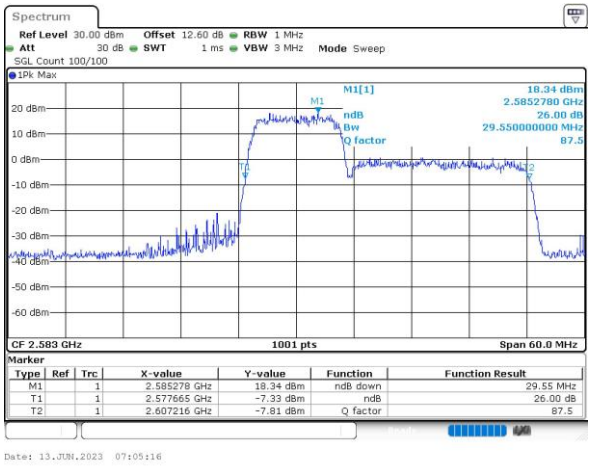
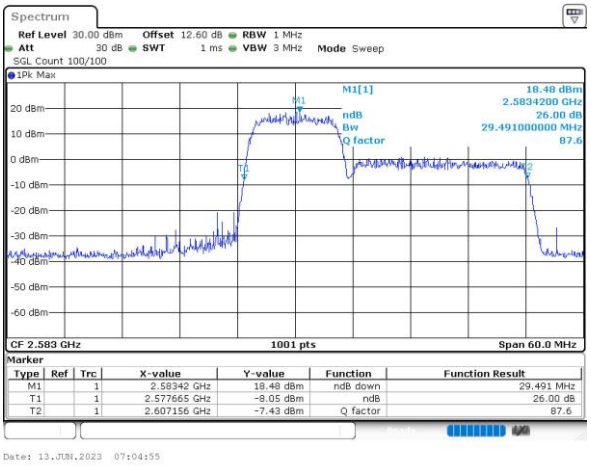
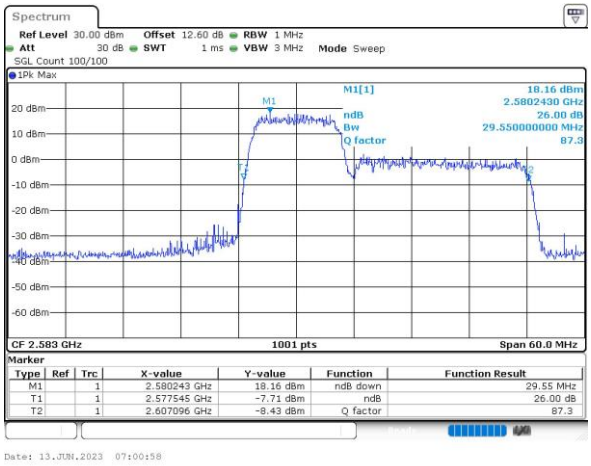
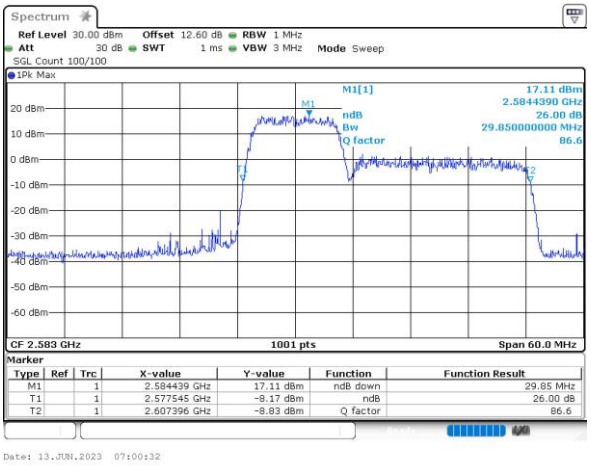


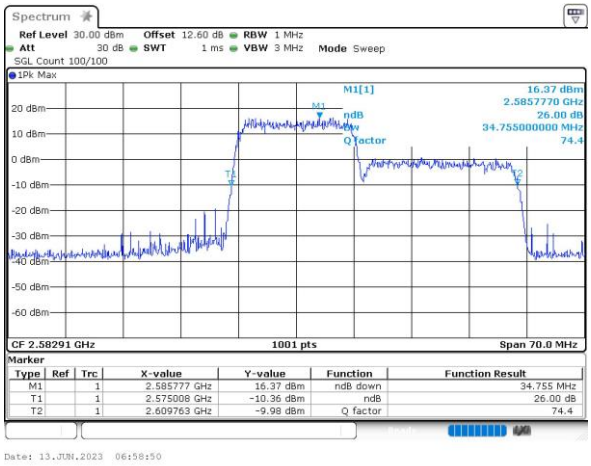
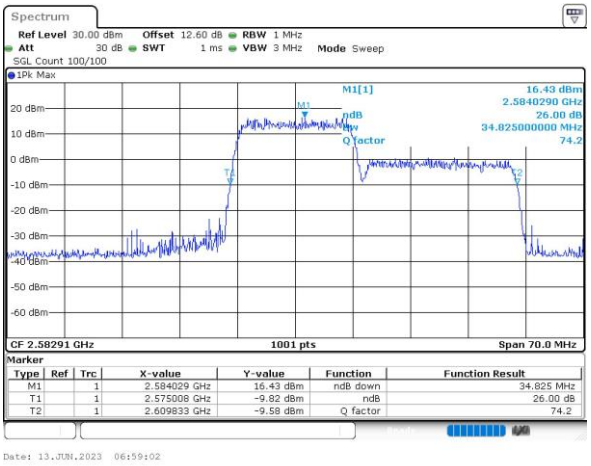
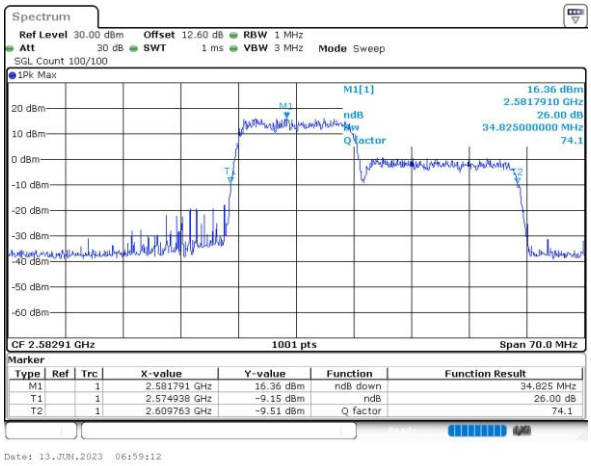
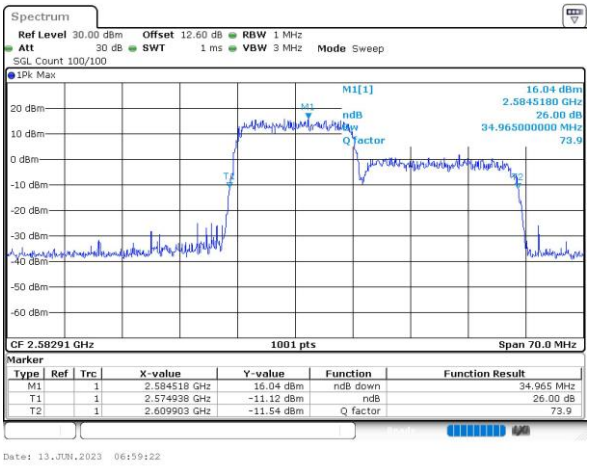
Highest Channel / Full RB

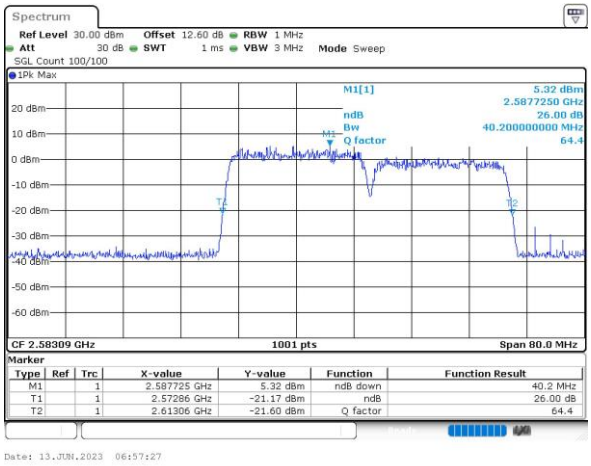
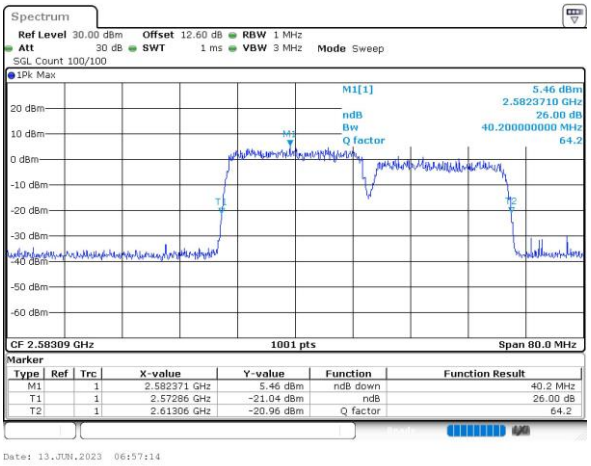
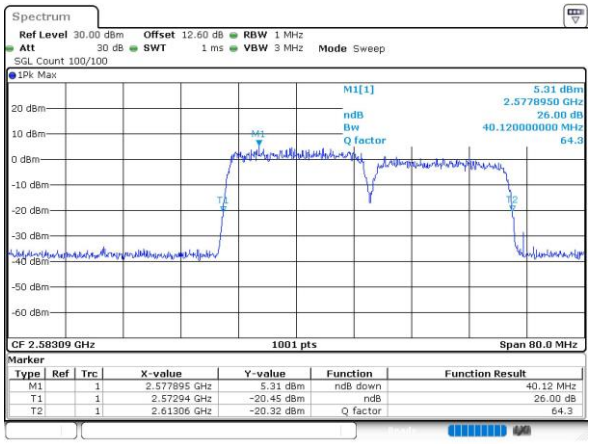
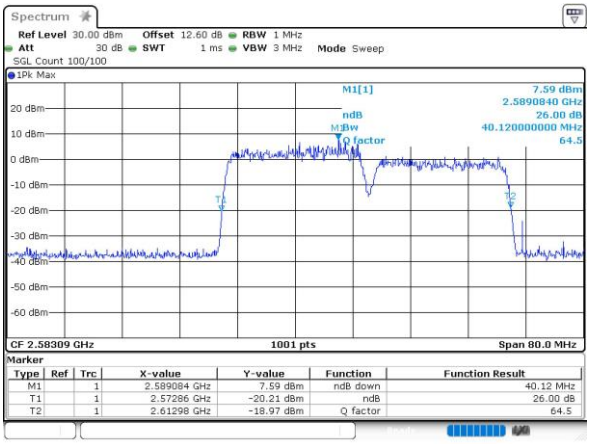


26dB Bandwidth

Mode	FR1 N41AA : 26dB BW(MHz) / CP-OFDM			
BW	10M+20M	10M+20M	10M+20M	10M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	29.55	29.49	29.55	29.85
BW	15M+20M	15M+20M	15M+20M	15M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	34.76	24.83	34.83	34.97
BW	20M+20M	20M+20M	20M+20M	20M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	40.2	40.2	40.12	40.12
BW	30M+20M	30M+20M	30M+20M	30M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	49.75	49.55	49.55	29.65
BW	35M+20M	35M+20M	35M+20M	35M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	55.05	55.05	55.16	55.16
BW	40M+20M	40M+20M	40M+20M	40M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	59.82	59.82	59.58	59.82
BW	50M+20M	50M+20M	50M+20M	50M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	70.07	69.93	70.07	70.35
BW	60M+20M	60M+20M	60M+20M	60M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	79.92	79.92	79.76	79.92
BW	70M+20M	70M+20M	70M+20M	70M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	90.09	89.73	89.91	89.73
BW	80M+20M	80M+20M	80M+20M	80M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	100.3	100.5	100.7	100.5
BW	90M+20M	90M+20M	90M+20M	90M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	110.33	110.11	110.33	110.11
BW	100M+20M	100M+20M	100M+20M	100M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	120.12	120.12	120.12	120.12

FR1 N41AA / 10MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

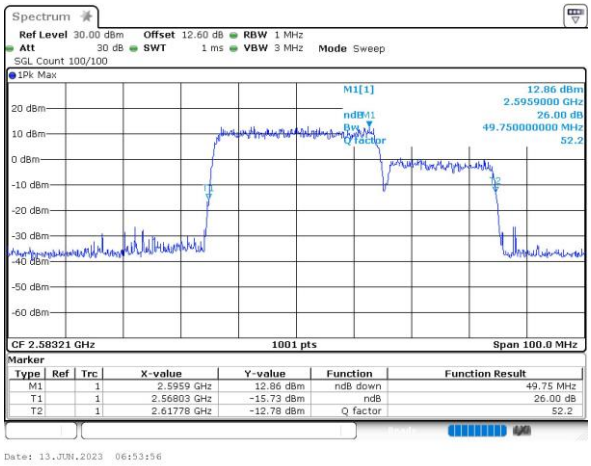
FR1 N41AA / 15MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:58:50	 Date: 13.JUN.2023 06:59:02
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:59:12	 Date: 13.JUN.2023 06:59:22

FR1 N41AA / 20MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:57:27	 Date: 13.JUN.2023 06:57:14
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:57:01	 Date: 13.JUN.2023 06:56:50

FR1 N41AA / 30MHz+20MHz / CP-OFDM

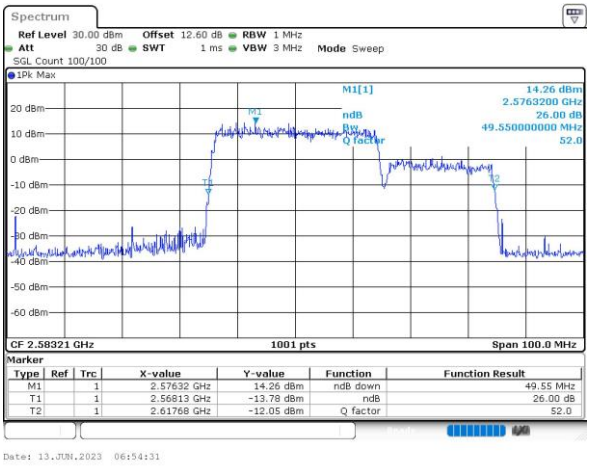
QPSK

Middle Channel



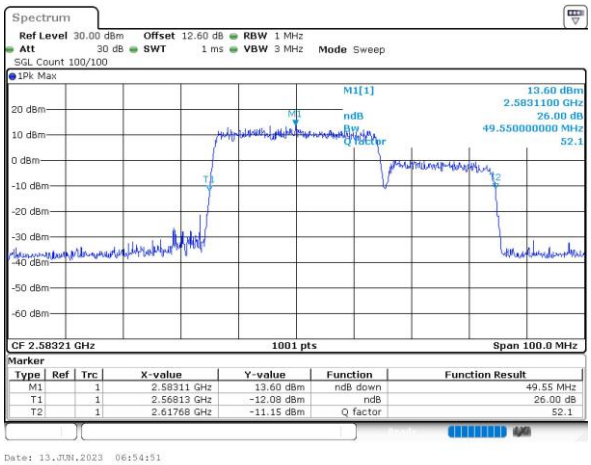
16QAM

Middle Channel



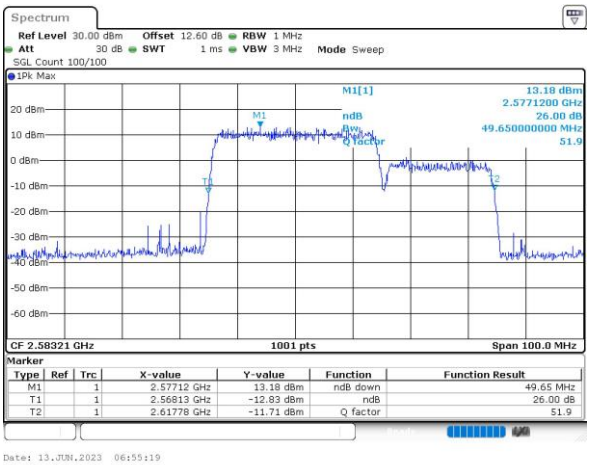
64QAM

Middle Channel



256QAM

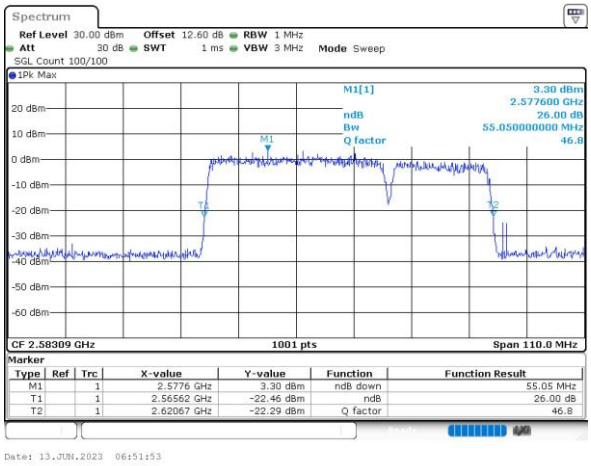
Middle Channel



FR1 N41AA / 35MHz+20MHz / CP-OFDM

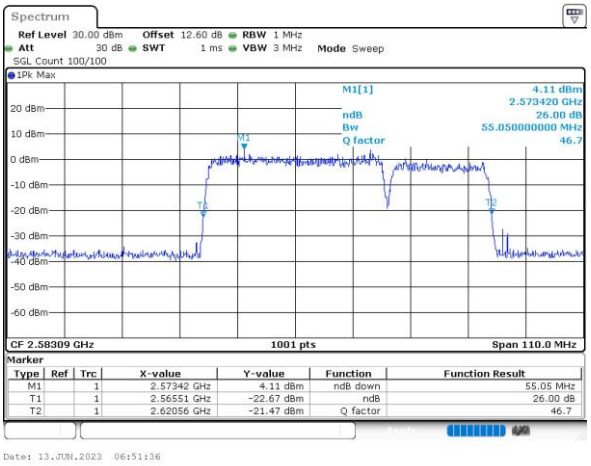
QPSK

Middle Channel



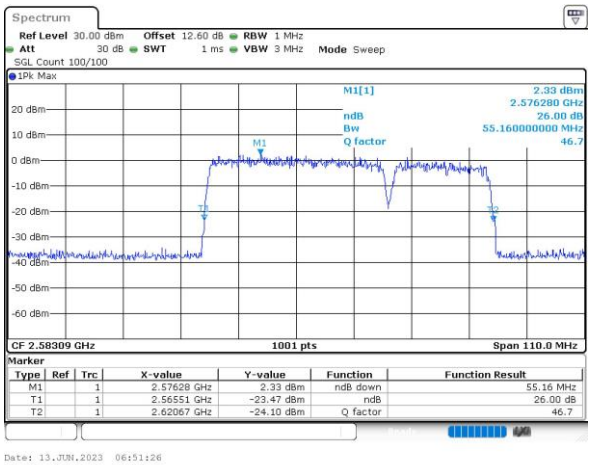
16QAM

Middle Channel



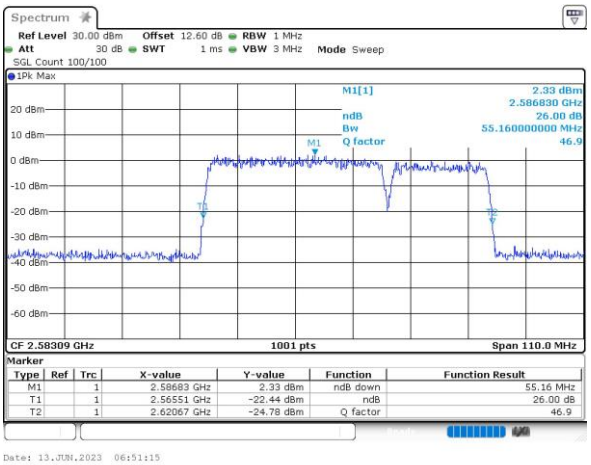
64QAM

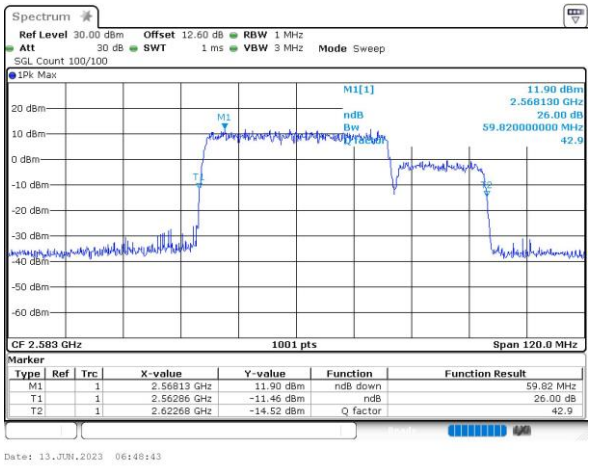
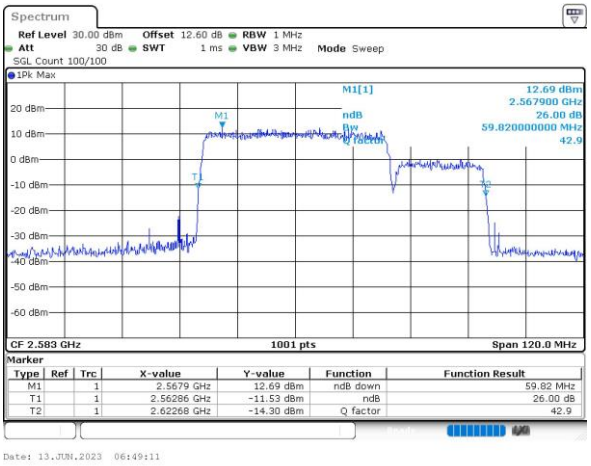
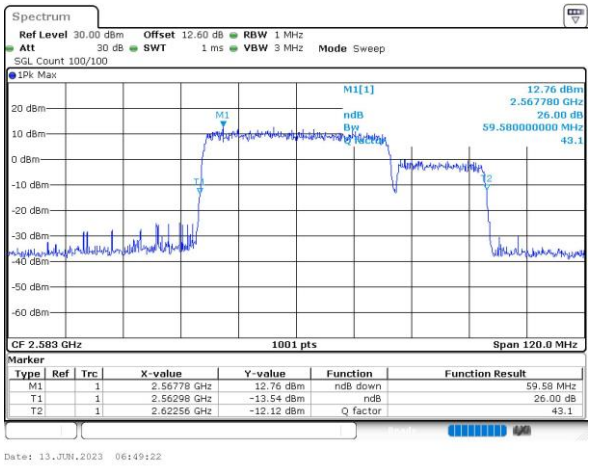
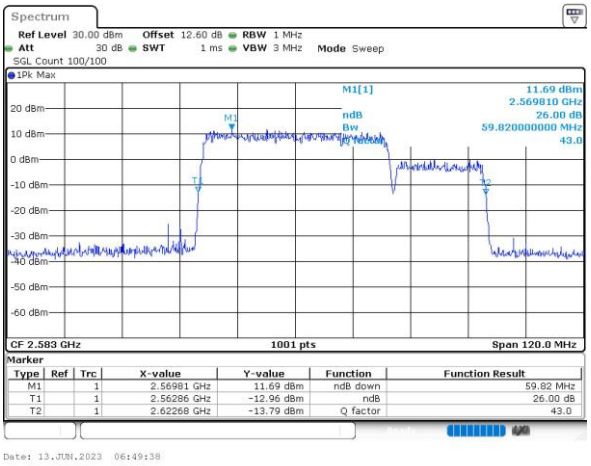
Middle Channel



256QAM

Middle Channel

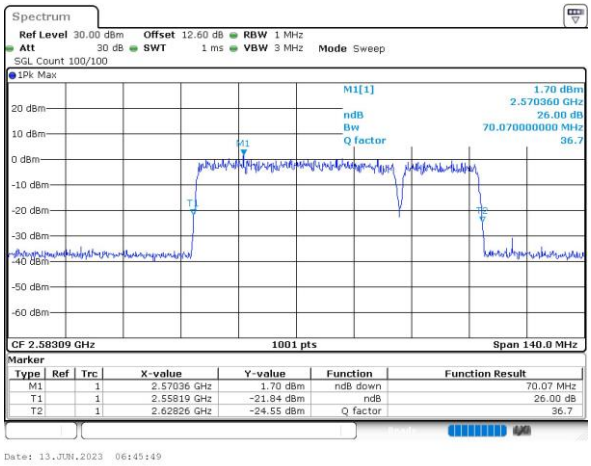


FR1 N41AA / 40MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 50MHz+20MHz / CP-OFDM

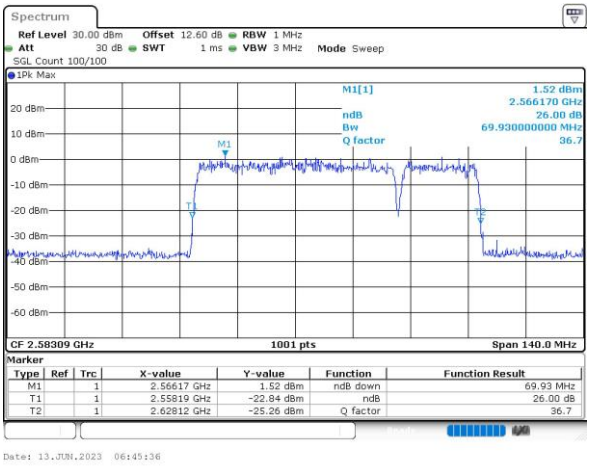
QPSK

Middle Channel



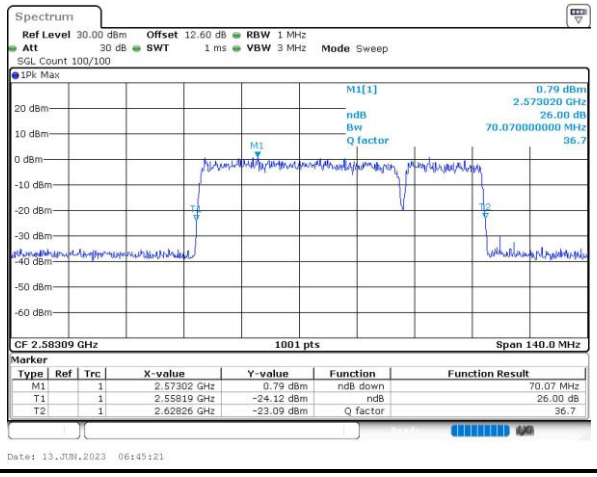
16QAM

Middle Channel



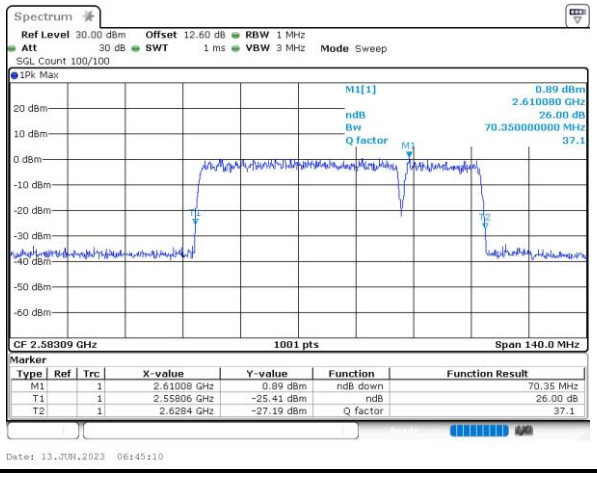
64QAM

Middle Channel



256QAM

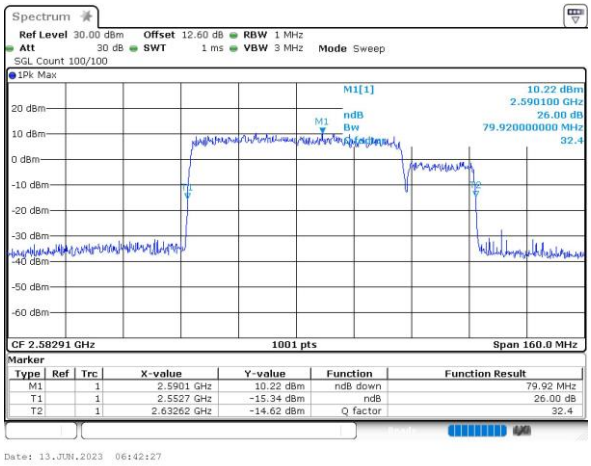
Middle Channel



FR1 N41AA / 60MHz+20MHz / CP-OFDM

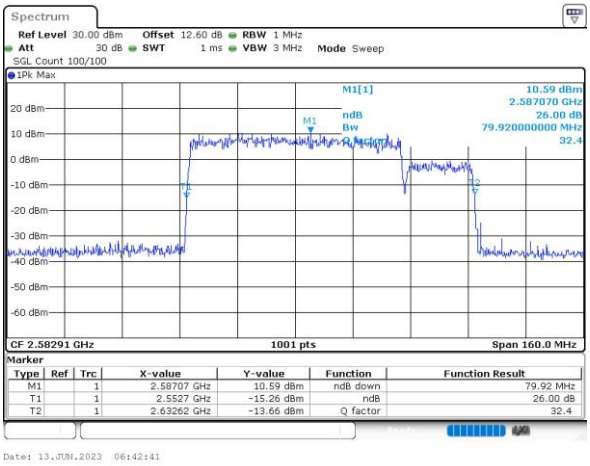
QPSK

Middle Channel



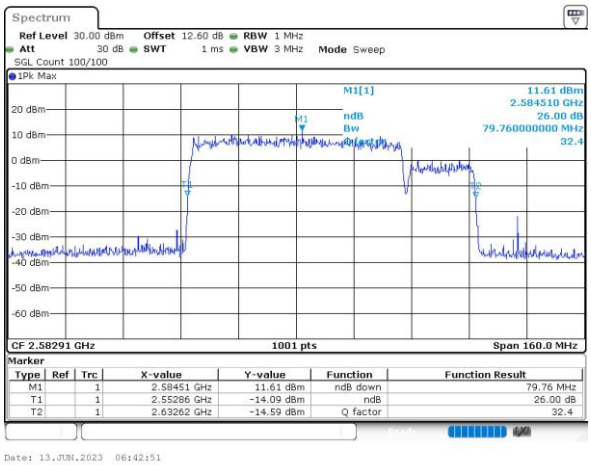
16QAM

Middle Channel



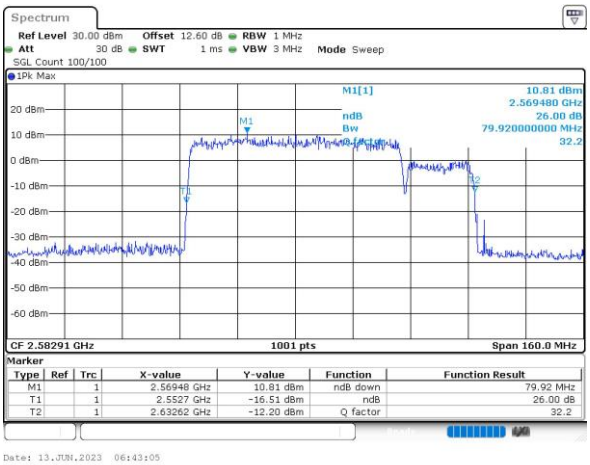
64QAM

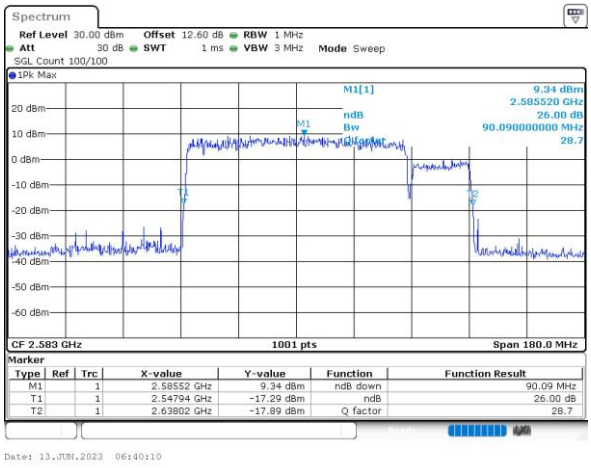
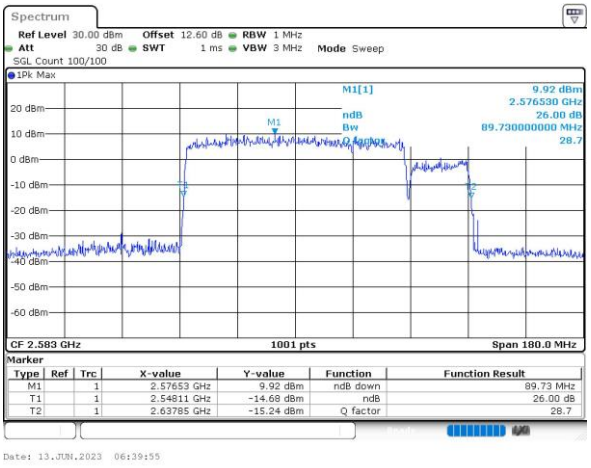
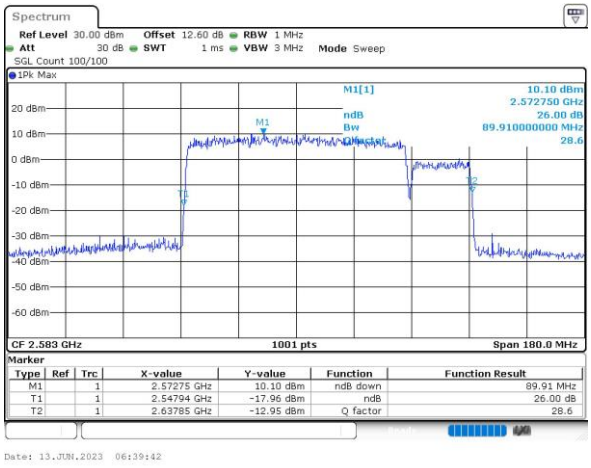
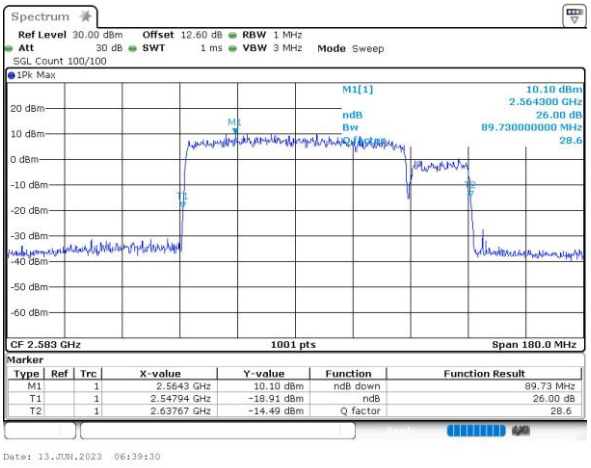
Middle Channel



256QAM

Middle Channel

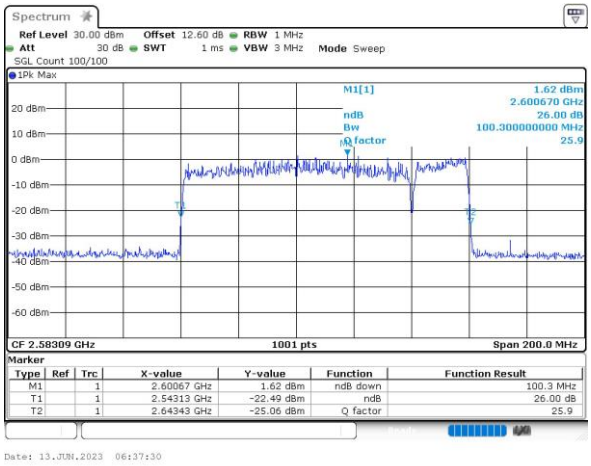


FR1 N41AA / 70MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 80MHz+20MHz / CP-OFDM

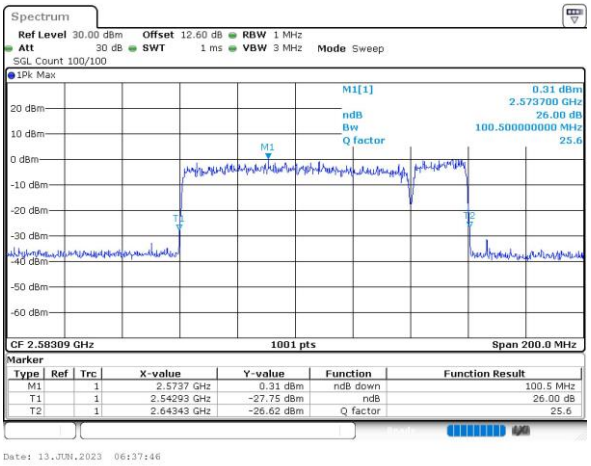
QPSK

Middle Channel



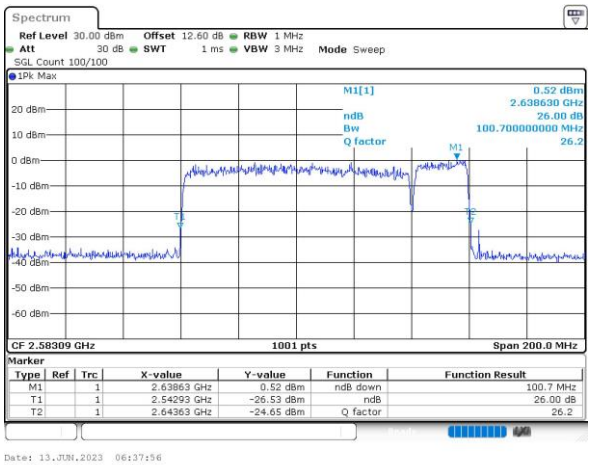
16QAM

Middle Channel



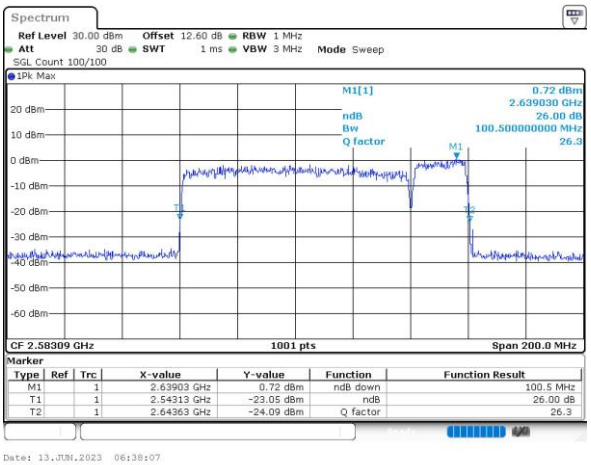
64QAM

Middle Channel



256QAM

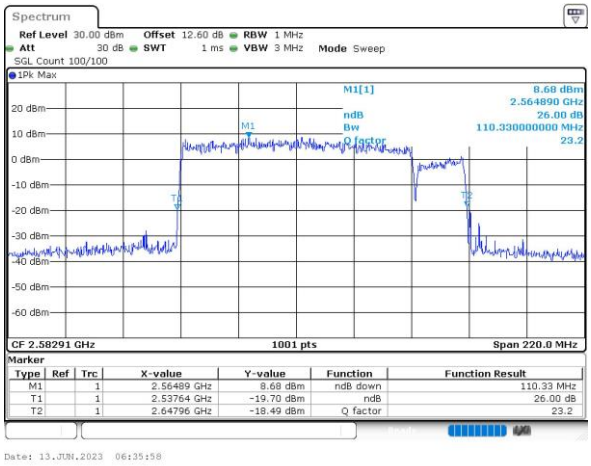
Middle Channel



FR1 N41AA / 90MHz+20MHz / CP-OFDM

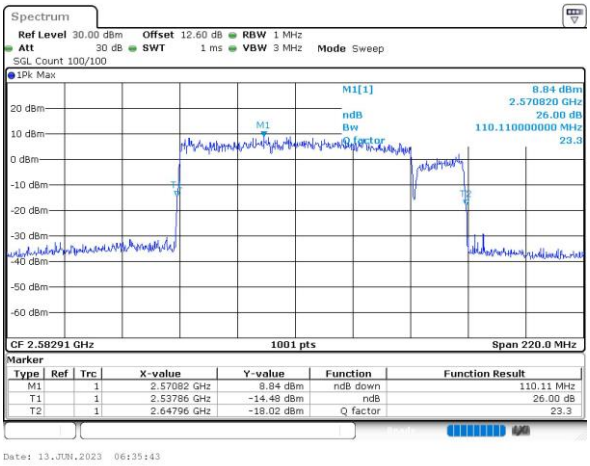
QPSK

Middle Channel



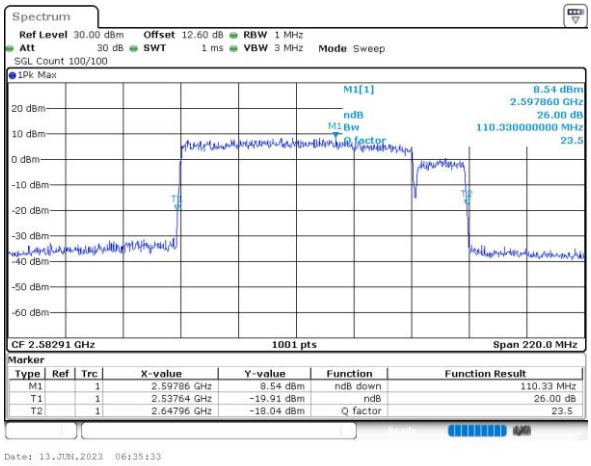
16QAM

Middle Channel



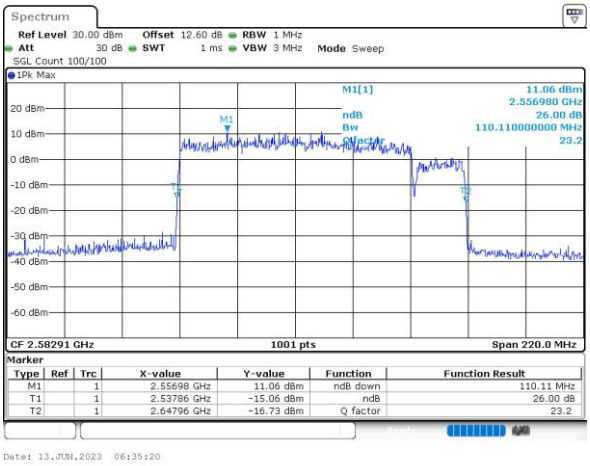
64QAM

Middle Channel



256QAM

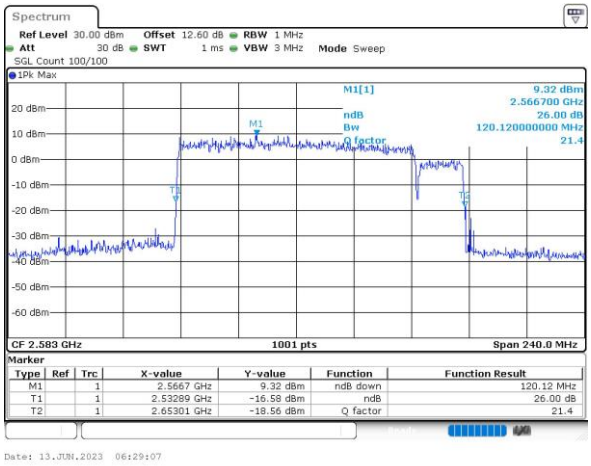
Middle Channel



FR1 N41AA / 100MHz+20MHz / CP-OFDM

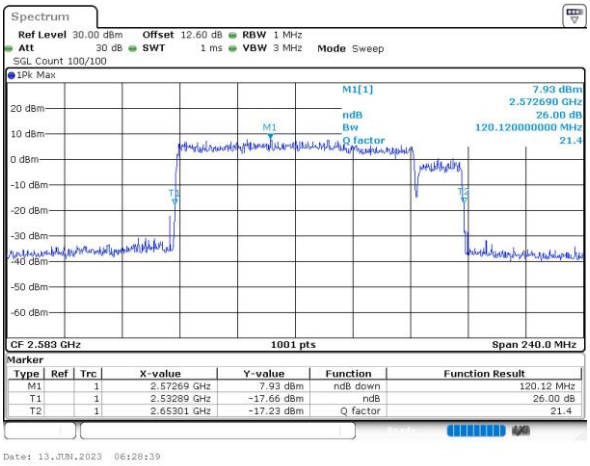
QPSK

Middle Channel



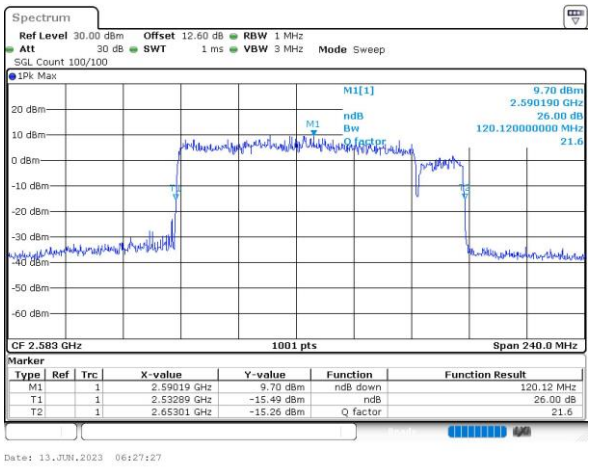
16QAM

Middle Channel



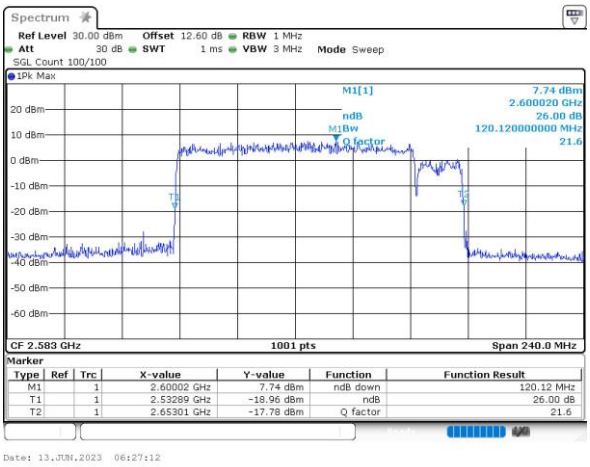
64QAM

Middle Channel



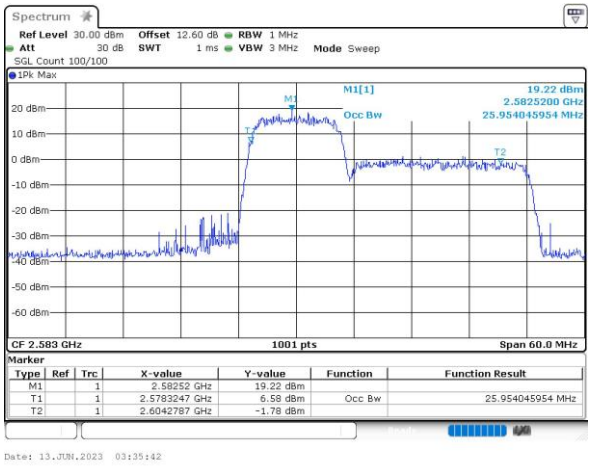
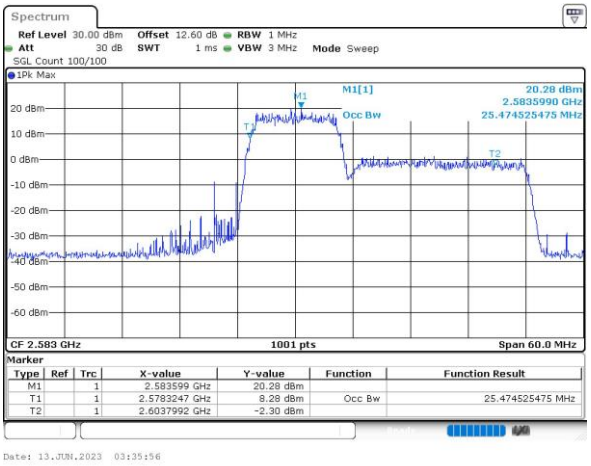
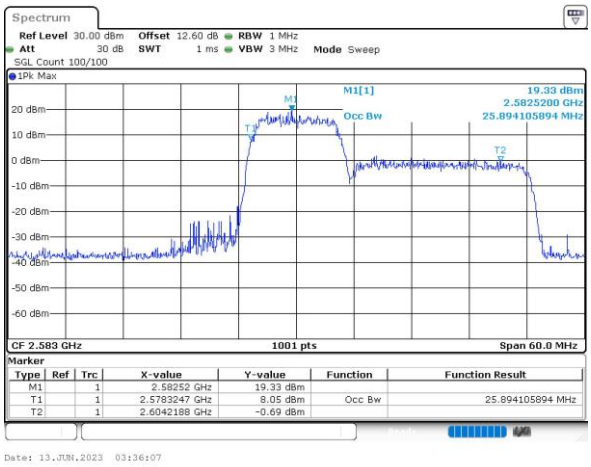
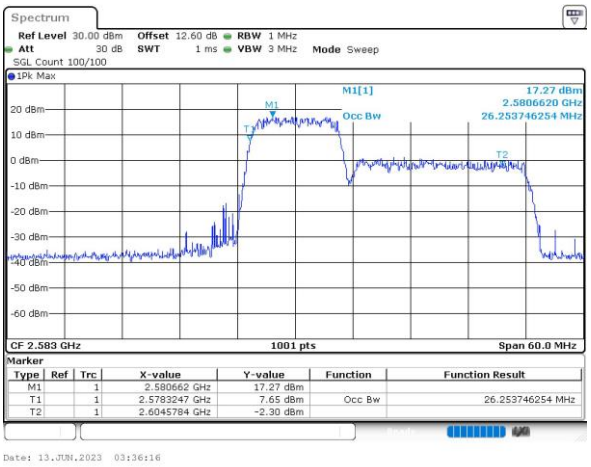
256QAM

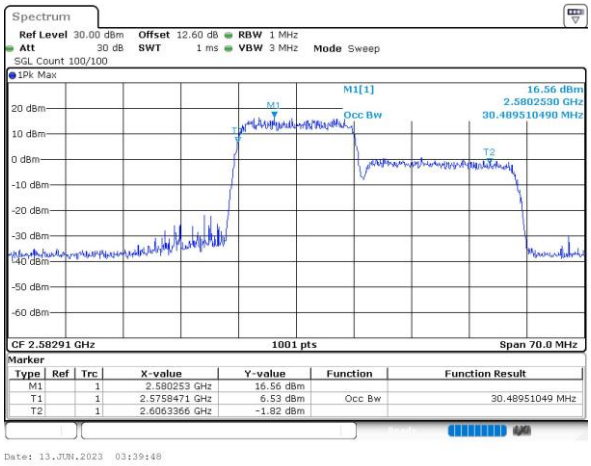
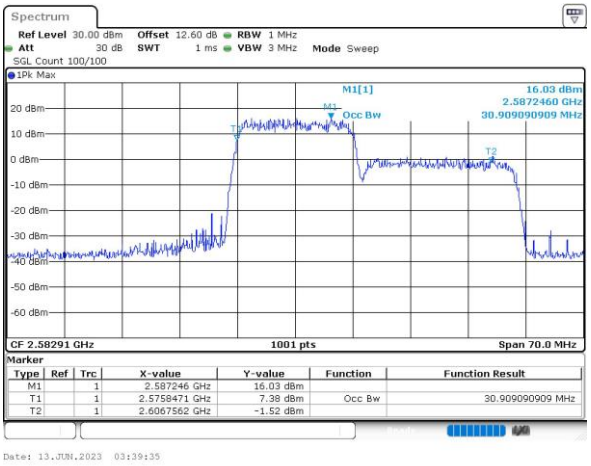
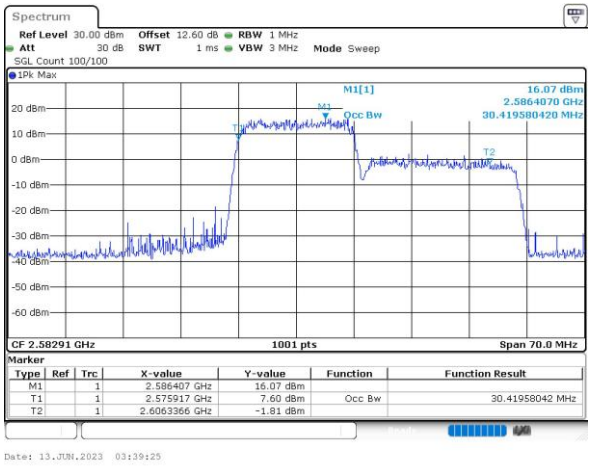
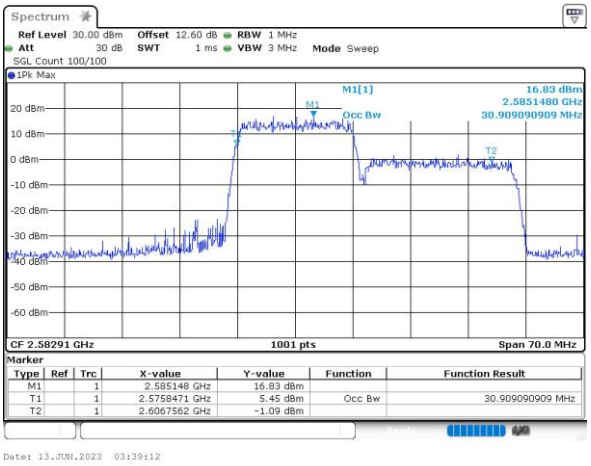
Middle Channel

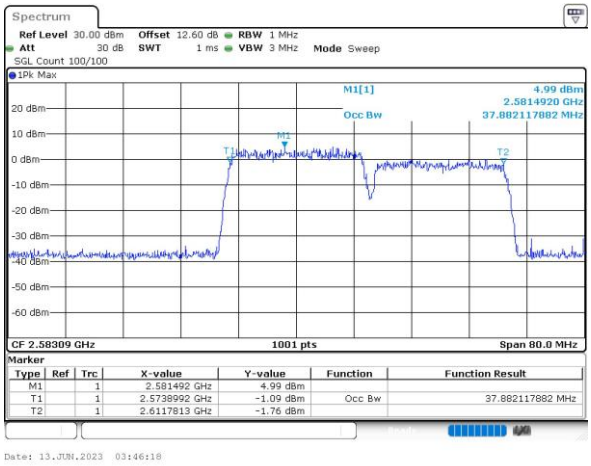
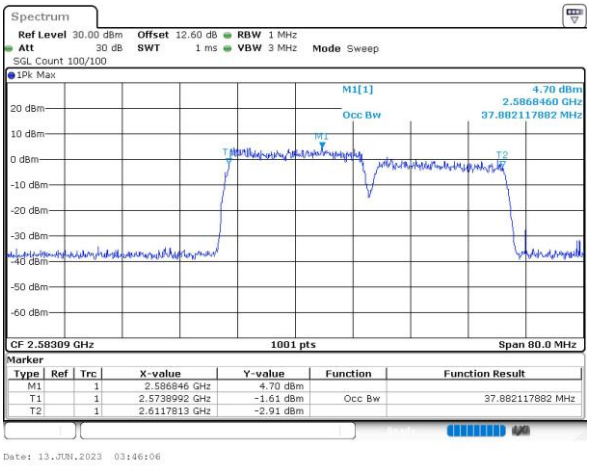
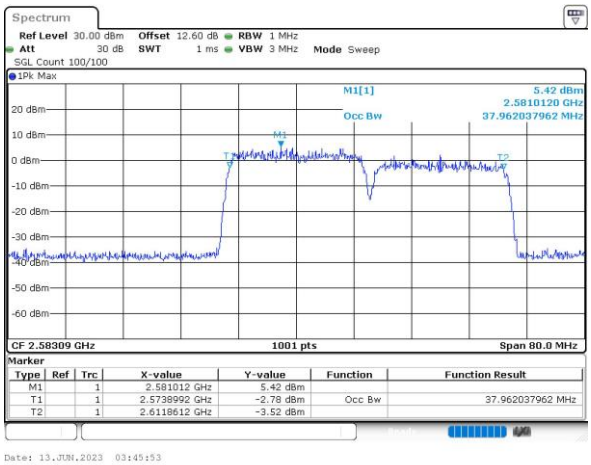
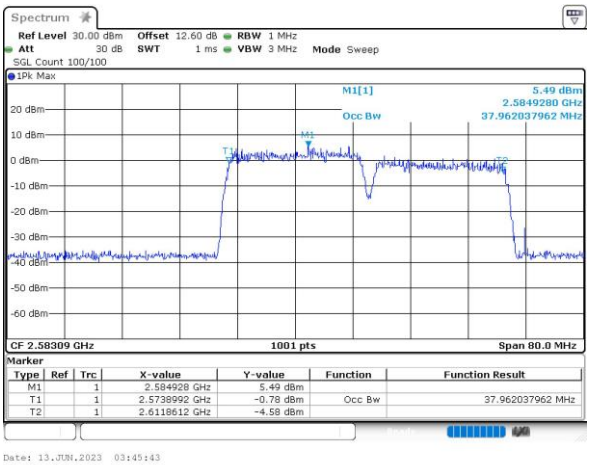


Occupied Bandwidth

Mode	FR1 N41AA : OB BW(MHz) / CP-OFDM			
BW	10M+20M	10M+20M	10M+20M	10M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	25.95	25.47	25.89	26.25
BW	15M+20M	15M+20M	15M+20M	15M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	30.49	30.91	30.42	30.91
BW	20M+20M	20M+20M	20M+20M	20M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	37.88	37.88	37.96	37.96
BW	30M+20M	30M+20M	30M+20M	30M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	45.15	44.96	45.35	45.25
BW	35M+20M	35M+20M	35M+20M	35M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	52.53	52.53	52.64	52.75
BW	40M+20M	40M+20M	40M+20M	40M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	54.55	54.55	54.19	54.79
BW	50M+20M	50M+20M	50M+20M	50M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	67.55	67.13	67.27	67.27
BW	60M+20M	60M+20M	60M+20M	60M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	74.81	75.12	74.97	75.60
BW	70M+20M	70M+20M	70M+20M	70M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	85.23	85.05	85.23	85.23
BW	80M+20M	80M+20M	80M+20M	80M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	94.51	97.30	94.71	94.51
BW	90M+20M	90M+20M	90M+20M	90M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	106.37	105.93	105.71	105.49
BW	100M+20M	100M+20M	100M+20M	100M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	115.80	114.85	114.85	114.61

FR1 N41AA / 10MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

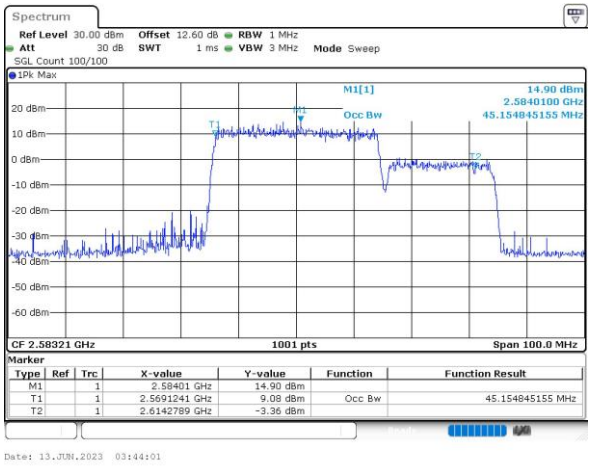
FR1 N41AA / 15MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 20MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 30MHz+20MHz / CP-OFDM

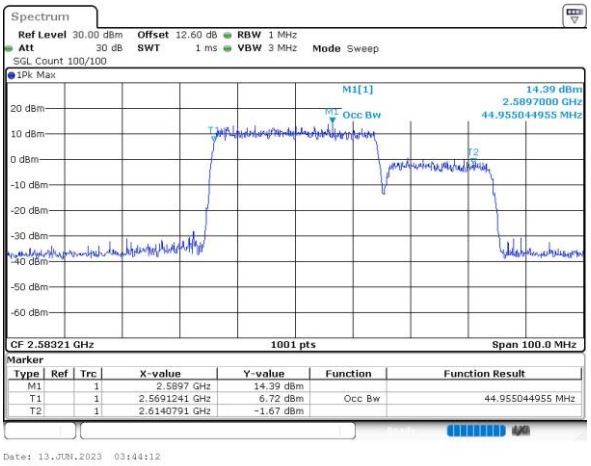
QPSK

Middle Channel



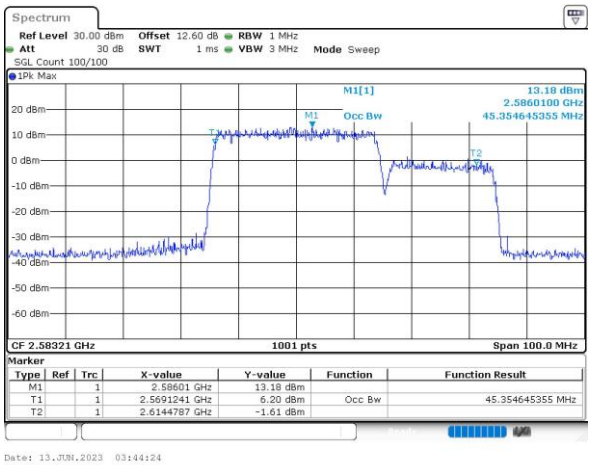
16QAM

Middle Channel



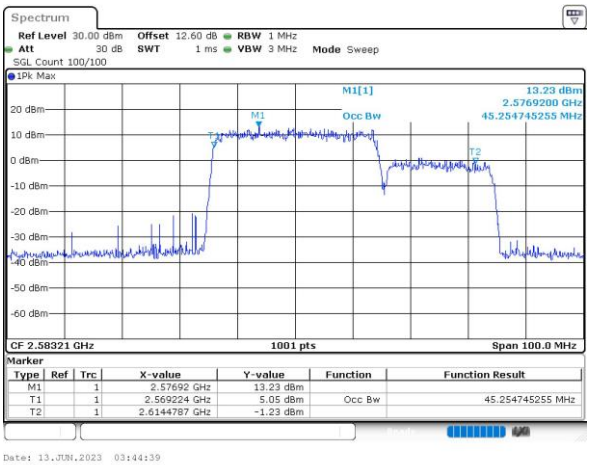
64QAM

Middle Channel



256QAM

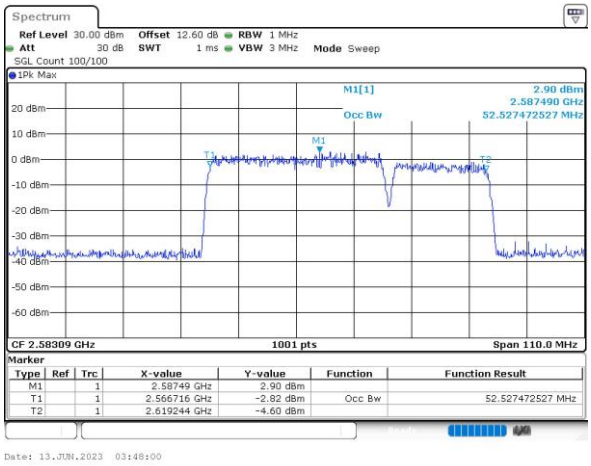
Middle Channel



FR1 N41AA / 35MHz+20MHz / CP-OFDM

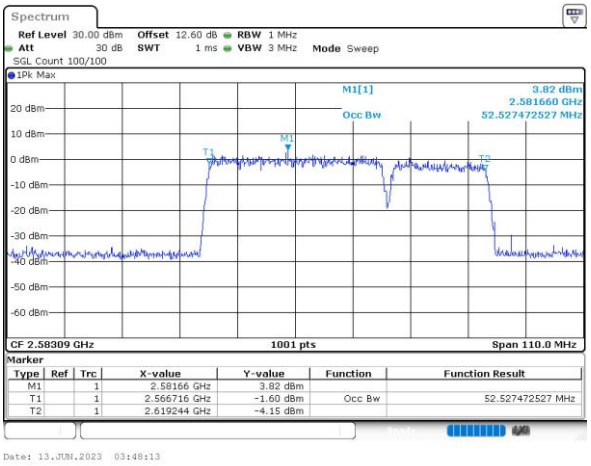
QPSK

Middle Channel



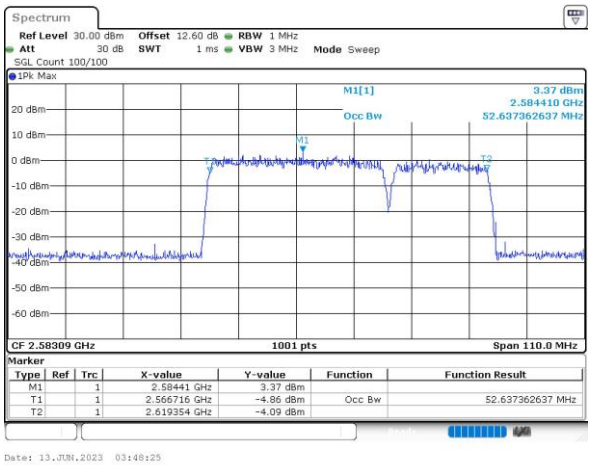
16QAM

Middle Channel



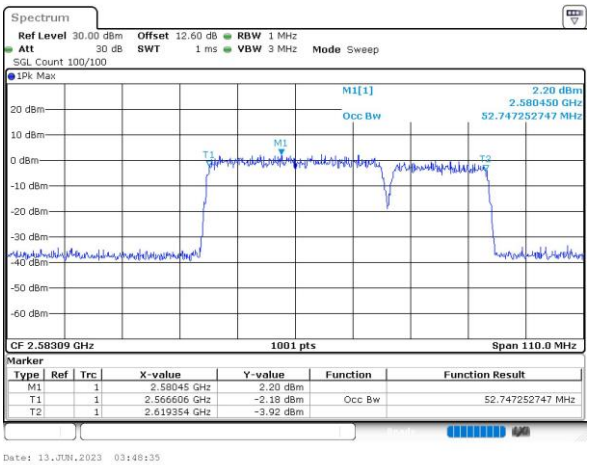
64QAM

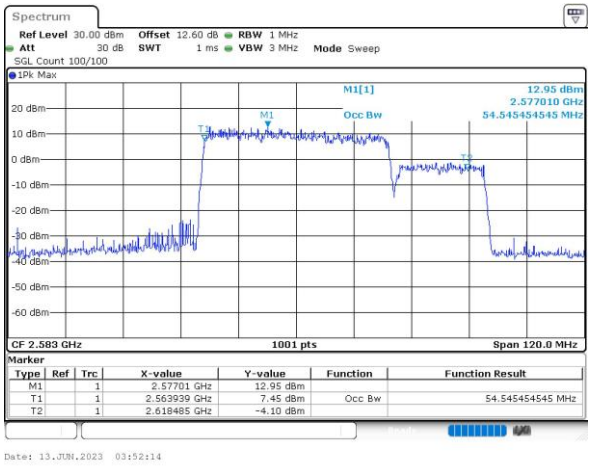
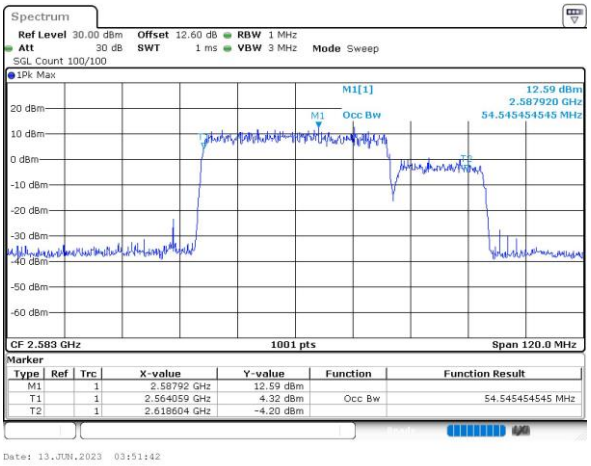
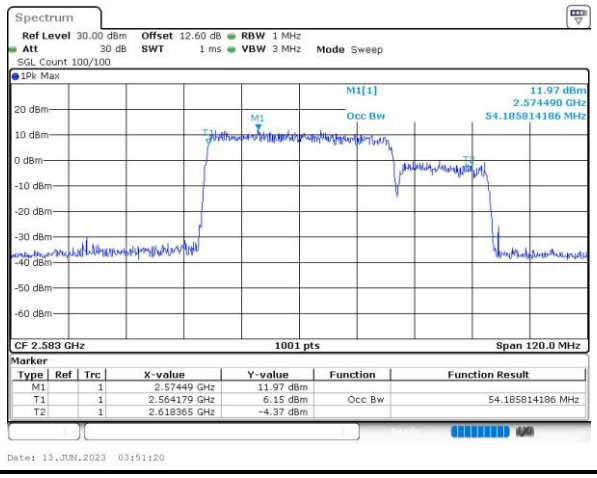
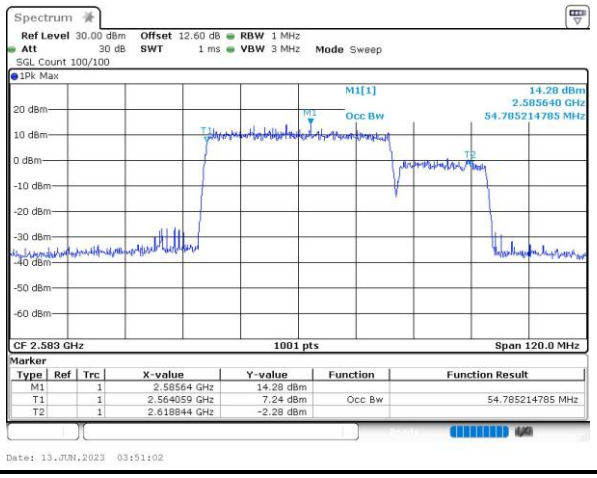
Middle Channel

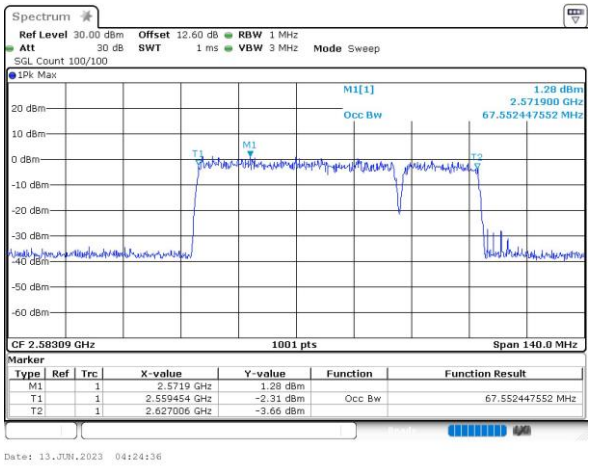
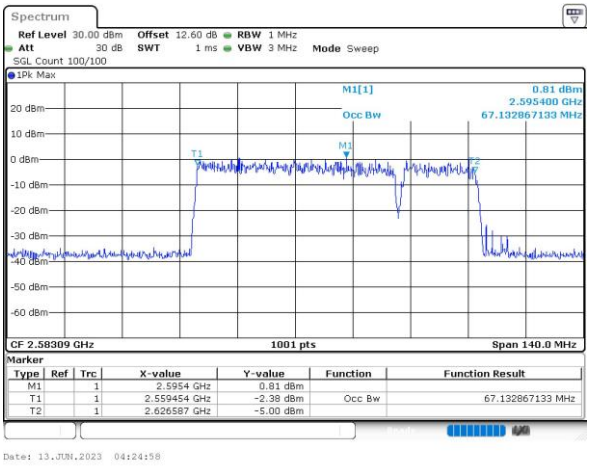
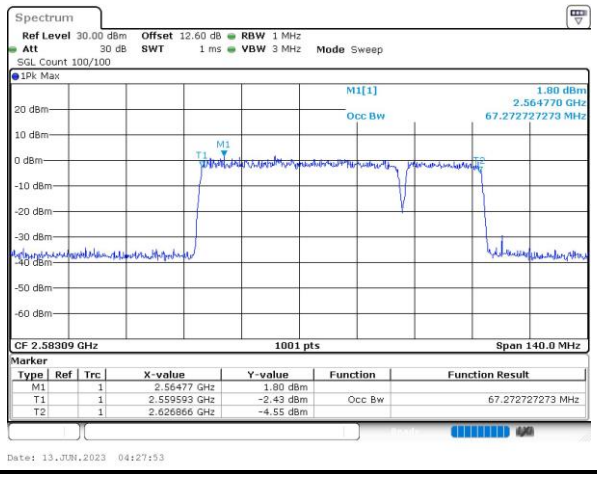
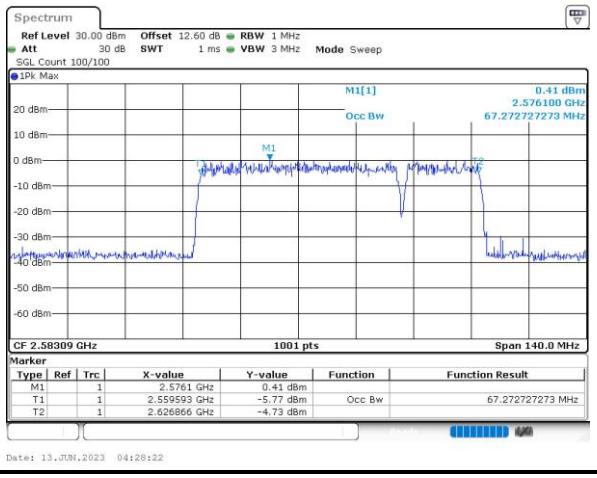


256QAM

Middle Channel



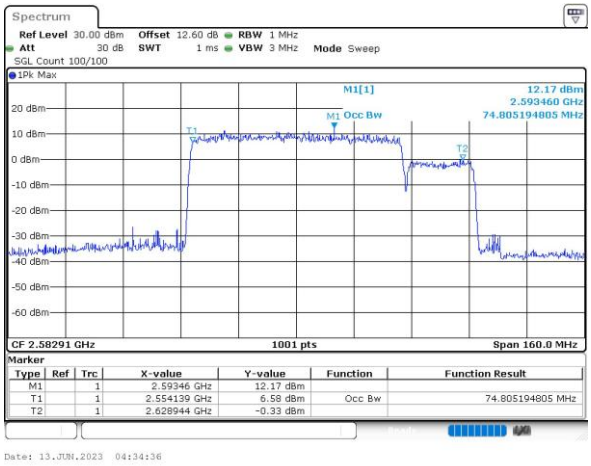
FR1 N41AA / 40MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 50MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 60MHz+20MHz / CP-OFDM

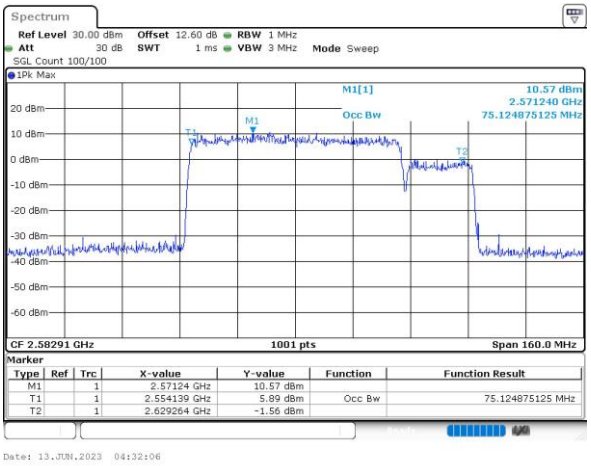
QPSK

Middle Channel



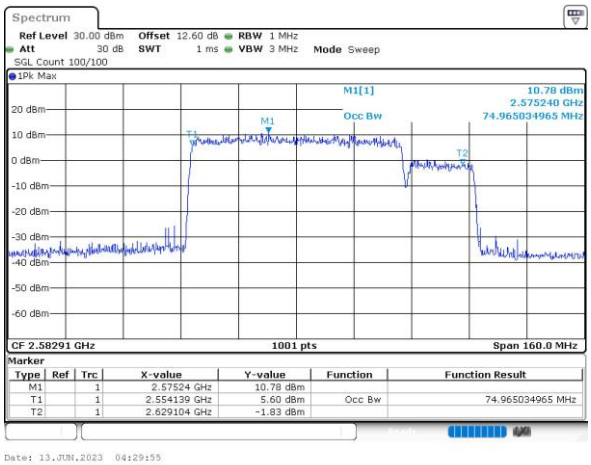
16QAM

Middle Channel



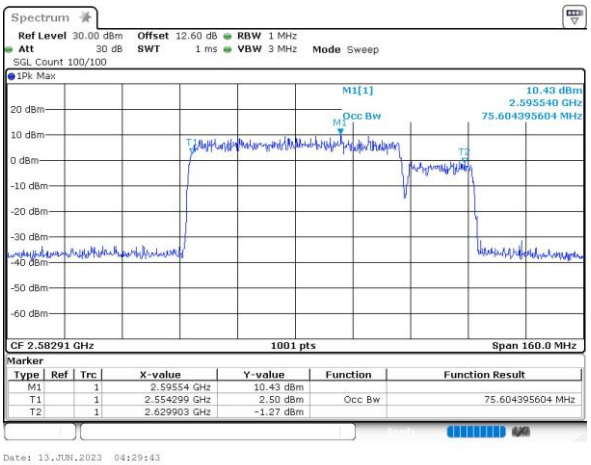
64QAM

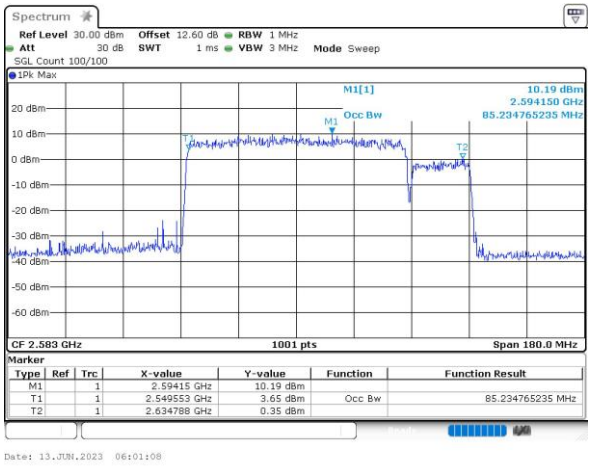
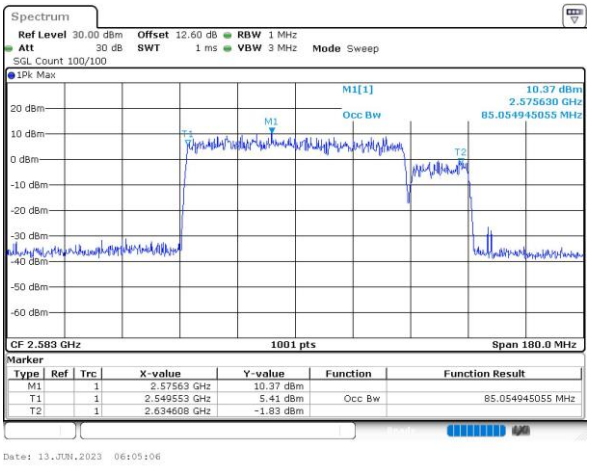
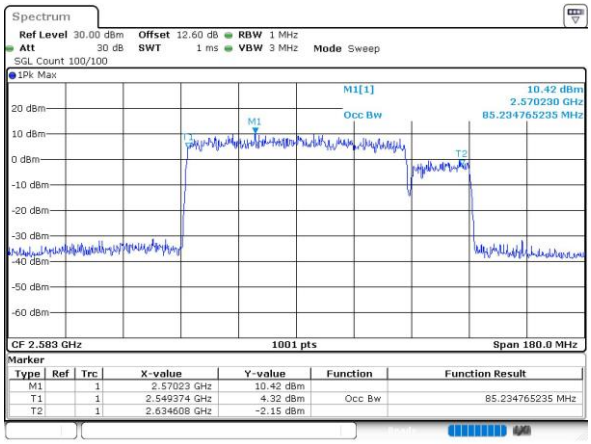
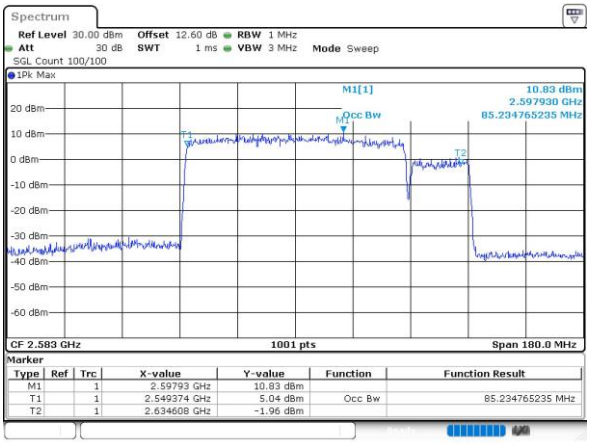
Middle Channel

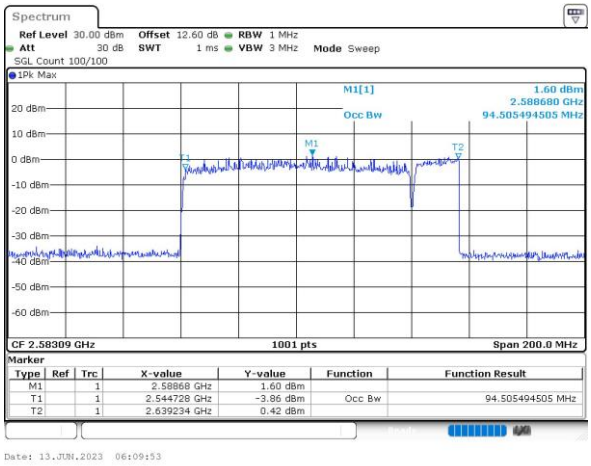
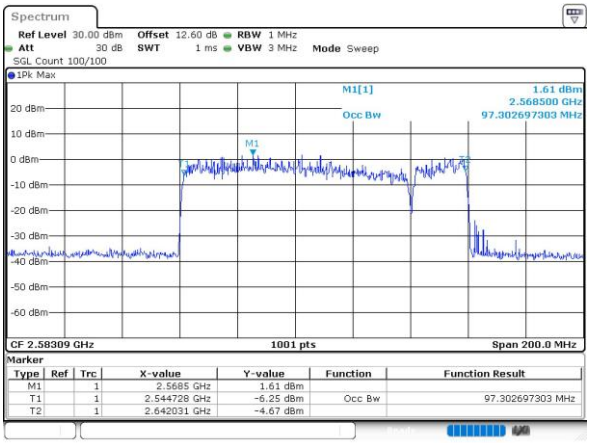


256QAM

Middle Channel



FR1 N41AA / 70MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:01:08	 Date: 13.JUN.2023 06:05:06
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:05:20	 Date: 13.JUN.2023 06:05:31

FR1 N41AA / 80MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:09:53	 Date: 13.JUN.2023 06:08:52
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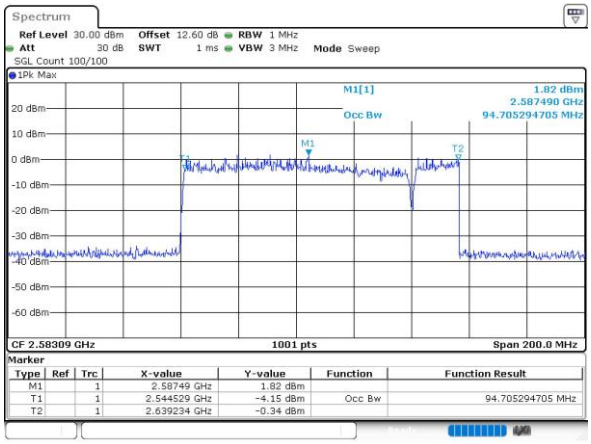
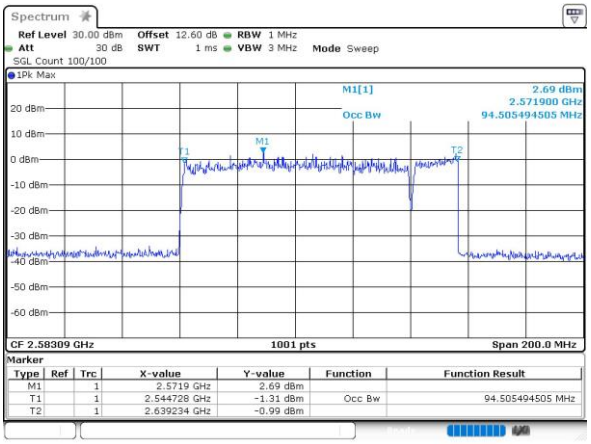
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 06:08:15	 Date: 13.JUN.2023 06:07:32