



Appendix C

C1.Transmitter Conducted Output Power And ERP/EIRP

Band	Band width (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP (Limit) (dBm)	Verdict
41	5.0	39675	2498.5	QPSK	1@0	24.1	26.71	0.4689	33.01	PASS
41	5.0	39675	2498.5	QPSK	1@12	24.13	26.74	0.4721	33.01	PASS
41	5.0	39675	2498.5	QPSK	1@24	23.98	26.59	0.4557	33.01	PASS
41	5.0	39675	2498.5	QPSK	12@0	22.85	25.46	0.3516	33.01	PASS
41	5.0	39675	2498.5	QPSK	12@6	22.85	25.46	0.3513	33.01	PASS
41	5.0	39675	2498.5	QPSK	12@11	22.84	25.45	0.3511	33.01	PASS
41	5.0	39675	2498.5	QPSK	25@0	22.76	25.37	0.3444	33.01	PASS
41	5.0	39675	2498.5	16QAM	1@0	22.98	25.59	0.3625	33.01	PASS
41	5.0	39675	2498.5	16QAM	1@12	23.04	25.65	0.3675	33.01	PASS
41	5.0	39675	2498.5	16QAM	1@24	22.99	25.6	0.3628	33.01	PASS
41	5.0	39675	2498.5	16QAM	12@0	21.78	24.39	0.2746	33.01	PASS
41	5.0	39675	2498.5	16QAM	12@6	21.79	24.4	0.2755	33.01	PASS
41	5.0	39675	2498.5	16QAM	12@11	21.75	24.36	0.2729	33.01	PASS
41	5.0	39675	2498.5	16QAM	25@0	21.65	24.26	0.2664	33.01	PASS
41	5.0	40620	2593.0	QPSK	1@0	23.04	25.65	0.3675	33.01	PASS
41	5.0	40620	2593.0	QPSK	1@12	23.03	25.64	0.3664	33.01	PASS
41	5.0	40620	2593.0	QPSK	1@24	22.98	25.59	0.3623	33.01	PASS
41	5.0	40620	2593.0	QPSK	12@0	21.93	24.54	0.2848	33.01	PASS
41	5.0	40620	2593.0	QPSK	12@6	21.94	24.55	0.2853	33.01	PASS
41	5.0	40620	2593.0	QPSK	12@11	21.94	24.55	0.2852	33.01	PASS
41	5.0	40620	2593.0	QPSK	25@0	21.92	24.53	0.2839	33.01	PASS
41	5.0	40620	2593.0	16QAM	1@0	22.0	24.61	0.289	33.01	PASS
41	5.0	40620	2593.0	16QAM	1@12	22.09	24.7	0.2954	33.01	PASS
41	5.0	40620	2593.0	16QAM	1@24	22.03	24.64	0.2913	33.01	PASS
41	5.0	40620	2593.0	16QAM	12@0	21.0	23.61	0.2299	33.01	PASS
41	5.0	40620	2593.0	16QAM	12@6	21.02	23.63	0.2304	33.01	PASS
41	5.0	40620	2593.0	16QAM	12@11	21.02	23.63	0.2307	33.01	PASS
41	5.0	40620	2593.0	16QAM	25@0	20.98	23.59	0.2284	33.01	PASS
41	5.0	41565	2687.5	QPSK	1@0	23.94	26.55	0.4514	33.01	PASS
41	5.0	41565	2687.5	QPSK	1@12	24.07	26.68	0.4654	33.01	PASS
41	5.0	41565	2687.5	QPSK	1@24	24.03	26.64	0.4613	33.01	PASS
41	5.0	41565	2687.5	QPSK	12@0	23.07	25.68	0.3696	33.01	PASS
41	5.0	41565	2687.5	QPSK	12@6	23.03	25.64	0.3661	33.01	PASS
41	5.0	41565	2687.5	QPSK	12@11	23.04	25.65	0.3669	33.01	PASS
41	5.0	41565	2687.5	QPSK	25@0	23.04	25.65	0.3672	33.01	PASS
41	5.0	41565	2687.5	16QAM	1@0	23.38	25.99	0.3969	33.01	PASS
41	5.0	41565	2687.5	16QAM	1@12	23.52	26.13	0.4106	33.01	PASS
41	5.0	41565	2687.5	16QAM	1@24	23.35	25.96	0.3948	33.01	PASS
41	5.0	41565	2687.5	16QAM	12@0	22.07	24.68	0.294	33.01	PASS
41	5.0	41565	2687.5	16QAM	12@6	22.1	24.71	0.2955	33.01	PASS
41	5.0	41565	2687.5	16QAM	12@11	22.1	24.71	0.2956	33.01	PASS
41	5.0	41565	2687.5	16QAM	25@0	22.01	24.62	0.2898	33.01	PASS
41	10.0	39700	2501.0	QPSK	1@0	23.99	26.6	0.4572	33.01	PASS
41	10.0	39700	2501.0	QPSK	1@24	23.99	26.6	0.457	33.01	PASS
41	10.0	39700	2501.0	QPSK	1@49	23.83	26.44	0.4403	33.01	PASS
41	10.0	39700	2501.0	QPSK	25@0	22.68	25.29	0.3379	33.01	PASS
41	10.0	39700	2501.0	QPSK	25@12	22.67	25.28	0.3371	33.01	PASS
41	10.0	39700	2501.0	QPSK	25@24	22.7	25.31	0.34	33.01	PASS
41	10.0	39700	2501.0	QPSK	50@0	22.67	25.28	0.3372	33.01	PASS
41	10.0	39700	2501.0	16QAM	1@0	22.67	25.28	0.3376	33.01	PASS
41	10.0	39700	2501.0	16QAM	1@24	22.83	25.44	0.3498	33.01	PASS
41	10.0	39700	2501.0	16QAM	1@49	22.62	25.23	0.3335	33.01	PASS
41	10.0	39700	2501.0	16QAM	25@0	21.67	24.28	0.2678	33.01	PASS
41	10.0	39700	2501.0	16QAM	25@12	21.67	24.28	0.2677	33.01	PASS
41	10.0	39700	2501.0	16QAM	25@24	21.66	24.27	0.2675	33.01	PASS
41	10.0	39700	2501.0	16QAM	50@0	21.69	24.3	0.2689	33.01	PASS
41	10.0	40620	2593.0	QPSK	1@0	22.96	25.57	0.3607	33.01	PASS
41	10.0	40620	2593.0	QPSK	1@24	23.12	25.73	0.3739	33.01	PASS
41	10.0	40620	2593.0	QPSK	1@49	22.93	25.54	0.3583	33.01	PASS
41	10.0	40620	2593.0	QPSK	25@0	21.94	24.55	0.2852	33.01	PASS
41	10.0	40620	2593.0	QPSK	25@12	22.03	24.64	0.2911	33.01	PASS
41	10.0	40620	2593.0	QPSK	25@24	22.03	24.64	0.2911	33.01	PASS
41	10.0	40620	2593.0	QPSK	50@0	21.98	24.59	0.2876	33.01	PASS
41	10.0	40620	2593.0	16QAM	1@0	22.5	25.11	0.3241	33.01	PASS
41	10.0	40620	2593.0	16QAM	1@24	22.63	25.24	0.3342	33.01	PASS
41	10.0	40620	2593.0	16QAM	1@49	22.44	25.05	0.3199	33.01	PASS
41	10.0	40620	2593.0	16QAM	25@0	20.92	23.53	0.2256	33.01	PASS
41	10.0	40620	2593.0	16QAM	25@12	20.92	23.53	0.2257	33.01	PASS
41	10.0	40620	2593.0	16QAM	25@24	20.92	23.53	0.2257	33.01	PASS



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41	10.0	40620	2593.0	16QAM	50@0	20.99	23.6	0.2289	33.01	PASS
41	10.0	41540	2685.0	QPSK	1@0	23.85	26.46	0.4425	33.01	PASS
41	10.0	41540	2685.0	QPSK	1@24	24.05	26.66	0.4639	33.01	PASS
41	10.0	41540	2685.0	QPSK	1@49	23.84	26.45	0.4416	33.01	PASS
41	10.0	41540	2685.0	QPSK	25@0	22.99	25.6	0.363	33.01	PASS
41	10.0	41540	2685.0	QPSK	25@12	22.98	25.59	0.3625	33.01	PASS
41	10.0	41540	2685.0	QPSK	25@24	22.99	25.6	0.3631	33.01	PASS
41	10.0	41540	2685.0	QPSK	50@0	23.0	25.61	0.3637	33.01	PASS
41	10.0	41540	2685.0	16QAM	1@0	22.75	25.36	0.3439	33.01	PASS
41	10.0	41540	2685.0	16QAM	1@24	22.98	25.59	0.3622	33.01	PASS
41	10.0	41540	2685.0	16QAM	1@49	22.79	25.4	0.347	33.01	PASS
41	10.0	41540	2685.0	16QAM	25@0	22.02	24.63	0.2903	33.01	PASS
41	10.0	41540	2685.0	16QAM	25@12	22.02	24.63	0.2906	33.01	PASS
41	10.0	41540	2685.0	16QAM	25@24	22.03	24.64	0.291	33.01	PASS
41	10.0	41540	2685.0	16QAM	50@0	22.1	24.71	0.2955	33.01	PASS
41	15.0	39725	2503.5	QPSK	1@0	24.09	26.7	0.4678	33.01	PASS
41	15.0	39725	2503.5	QPSK	1@37	23.97	26.58	0.4546	33.01	PASS
41	15.0	39725	2503.5	QPSK	1@74	23.8	26.41	0.4371	33.01	PASS
41	15.0	39725	2503.5	QPSK	36@0	22.76	25.37	0.344	33.01	PASS
41	15.0	39725	2503.5	QPSK	36@16	22.74	25.35	0.3428	33.01	PASS
41	15.0	39725	2503.5	QPSK	36@35	22.73	25.34	0.342	33.01	PASS
41	15.0	39725	2503.5	QPSK	75@0	22.66	25.27	0.3366	33.01	PASS
41	15.0	39725	2503.5	16QAM	1@0	23.06	25.67	0.3687	33.01	PASS
41	15.0	39725	2503.5	16QAM	1@37	23.09	25.7	0.3716	33.01	PASS
41	15.0	39725	2503.5	16QAM	1@74	22.96	25.57	0.3609	33.01	PASS
41	15.0	39725	2503.5	16QAM	36@0	21.8	24.41	0.2764	33.01	PASS
41	15.0	39725	2503.5	16QAM	36@16	21.81	24.42	0.2766	33.01	PASS
41	15.0	39725	2503.5	16QAM	36@35	21.82	24.43	0.277	33.01	PASS
41	15.0	39725	2503.5	16QAM	75@0	21.75	24.36	0.2731	33.01	PASS
41	15.0	40620	2593.0	QPSK	1@0	23.04	25.65	0.3671	33.01	PASS
41	15.0	40620	2593.0	QPSK	1@37	23.12	25.73	0.3745	33.01	PASS
41	15.0	40620	2593.0	QPSK	1@74	23.04	25.65	0.3674	33.01	PASS
41	15.0	40620	2593.0	QPSK	36@0	21.99	24.6	0.2886	33.01	PASS
41	15.0	40620	2593.0	QPSK	36@16	22.0	24.61	0.289	33.01	PASS
41	15.0	40620	2593.0	QPSK	36@35	22.0	24.61	0.289	33.01	PASS
41	15.0	40620	2593.0	QPSK	75@0	22.0	24.61	0.289	33.01	PASS
41	15.0	40620	2593.0	16QAM	1@0	22.55	25.16	0.3283	33.01	PASS
41	15.0	40620	2593.0	16QAM	1@37	22.67	25.28	0.3371	33.01	PASS
41	15.0	40620	2593.0	16QAM	1@74	22.59	25.2	0.3314	33.01	PASS
41	15.0	40620	2593.0	16QAM	36@0	21.03	23.64	0.2313	33.01	PASS
41	15.0	40620	2593.0	16QAM	36@16	21.0	23.61	0.2294	33.01	PASS
41	15.0	40620	2593.0	16QAM	36@35	21.04	23.65	0.232	33.01	PASS
41	15.0	40620	2593.0	16QAM	75@0	21.0	23.61	0.2295	33.01	PASS
41	15.0	41515	2682.5	QPSK	1@0	23.98	26.59	0.4561	33.01	PASS
41	15.0	41515	2682.5	QPSK	1@37	24.05	26.66	0.464	33.01	PASS
41	15.0	41515	2682.5	QPSK	1@74	23.98	26.59	0.4562	33.01	PASS
41	15.0	41515	2682.5	QPSK	36@0	23.11	25.72	0.3735	33.01	PASS
41	15.0	41515	2682.5	QPSK	36@16	23.12	25.73	0.3741	33.01	PASS
41	15.0	41515	2682.5	QPSK	36@35	23.12	25.73	0.374	33.01	PASS
41	15.0	41515	2682.5	QPSK	75@0	23.11	25.72	0.3731	33.01	PASS
41	15.0	41515	2682.5	16QAM	1@0	22.92	25.53	0.3571	33.01	PASS
41	15.0	41515	2682.5	16QAM	1@37	23.05	25.66	0.3678	33.01	PASS
41	15.0	41515	2682.5	16QAM	1@74	22.81	25.42	0.348	33.01	PASS
41	15.0	41515	2682.5	16QAM	36@0	22.05	24.66	0.2921	33.01	PASS
41	15.0	41515	2682.5	16QAM	36@16	22.06	24.67	0.2928	33.01	PASS
41	15.0	41515	2682.5	16QAM	36@35	22.06	24.67	0.2931	33.01	PASS
41	15.0	41515	2682.5	16QAM	75@0	22.08	24.69	0.2942	33.01	PASS
41	20.0	39750	2506.0	QPSK	1@0	24.01	26.62	0.4589	33.01	PASS
41	20.0	39750	2506.0	QPSK	1@49	24.02	26.63	0.4608	33.01	PASS
41	20.0	39750	2506.0	QPSK	1@99	23.88	26.49	0.4455	33.01	PASS
41	20.0	39750	2506.0	QPSK	50@0	22.59	25.2	0.3311	33.01	PASS
41	20.0	39750	2506.0	QPSK	50@24	22.68	25.29	0.3381	33.01	PASS
41	20.0	39750	2506.0	QPSK	50@49	22.66	25.27	0.3368	33.01	PASS
41	20.0	39750	2506.0	QPSK	100@0	22.65	25.26	0.3354	33.01	PASS
41	20.0	39750	2506.0	16QAM	1@0	23.05	25.66	0.3678	33.01	PASS
41	20.0	39750	2506.0	16QAM	1@49	23.12	25.73	0.3738	33.01	PASS
41	20.0	39750	2506.0	16QAM	1@99	23.03	25.64	0.3664	33.01	PASS
41	20.0	39750	2506.0	16QAM	50@0	21.64	24.25	0.2659	33.01	PASS
41	20.0	39750	2506.0	16QAM	50@24	21.68	24.29	0.2688	33.01	PASS
41	20.0	39750	2506.0	16QAM	50@49	21.68	24.29	0.2687	33.01	PASS
41	20.0	39750	2506.0	16QAM	100@0	21.69	24.3	0.2694	33.01	PASS
41	20.0	40620	2593.0	QPSK	1@0	23.01	25.62	0.3649	33.01	PASS
41	20.0	40620	2593.0	QPSK	1@49	23.09	25.7	0.3714	33.01	PASS
41	20.0	40620	2593.0	QPSK	1@99	22.92	25.53	0.3575	33.01	PASS
41	20.0	40620	2593.0	QPSK	50@0	22.03	24.64	0.2912	33.01	PASS
41	20.0	40620	2593.0	QPSK	50@24	22.03	24.64	0.291	33.01	PASS
41	20.0	40620	2593.0	QPSK	50@49	22.03	24.64	0.2912	33.01	PASS
41	20.0	40620	2593.0	QPSK	100@0	21.98	24.59	0.2876	33.01	PASS
41	20.0	40620	2593.0	16QAM	1@0	22.34	24.95	0.3125	33.01	PASS



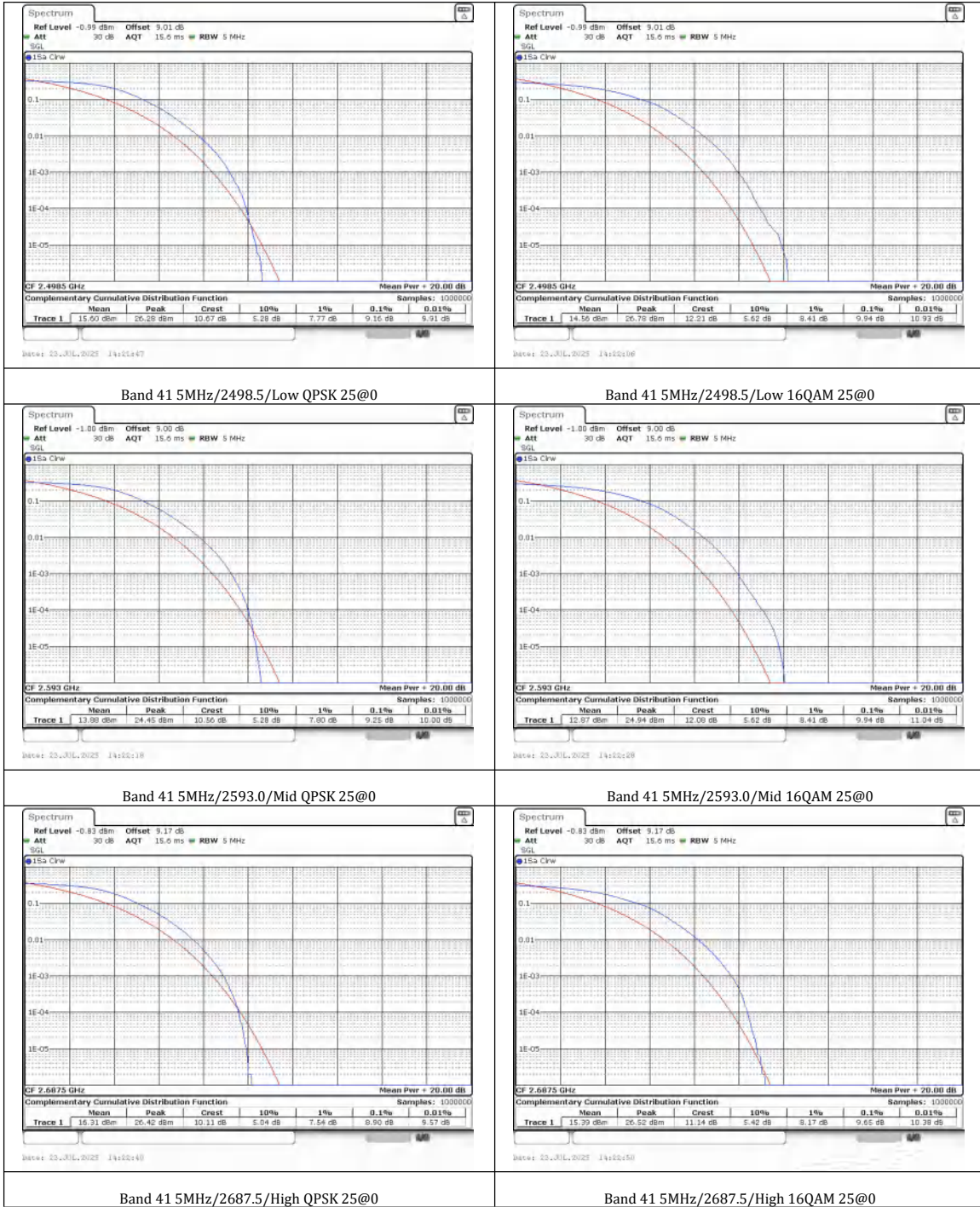
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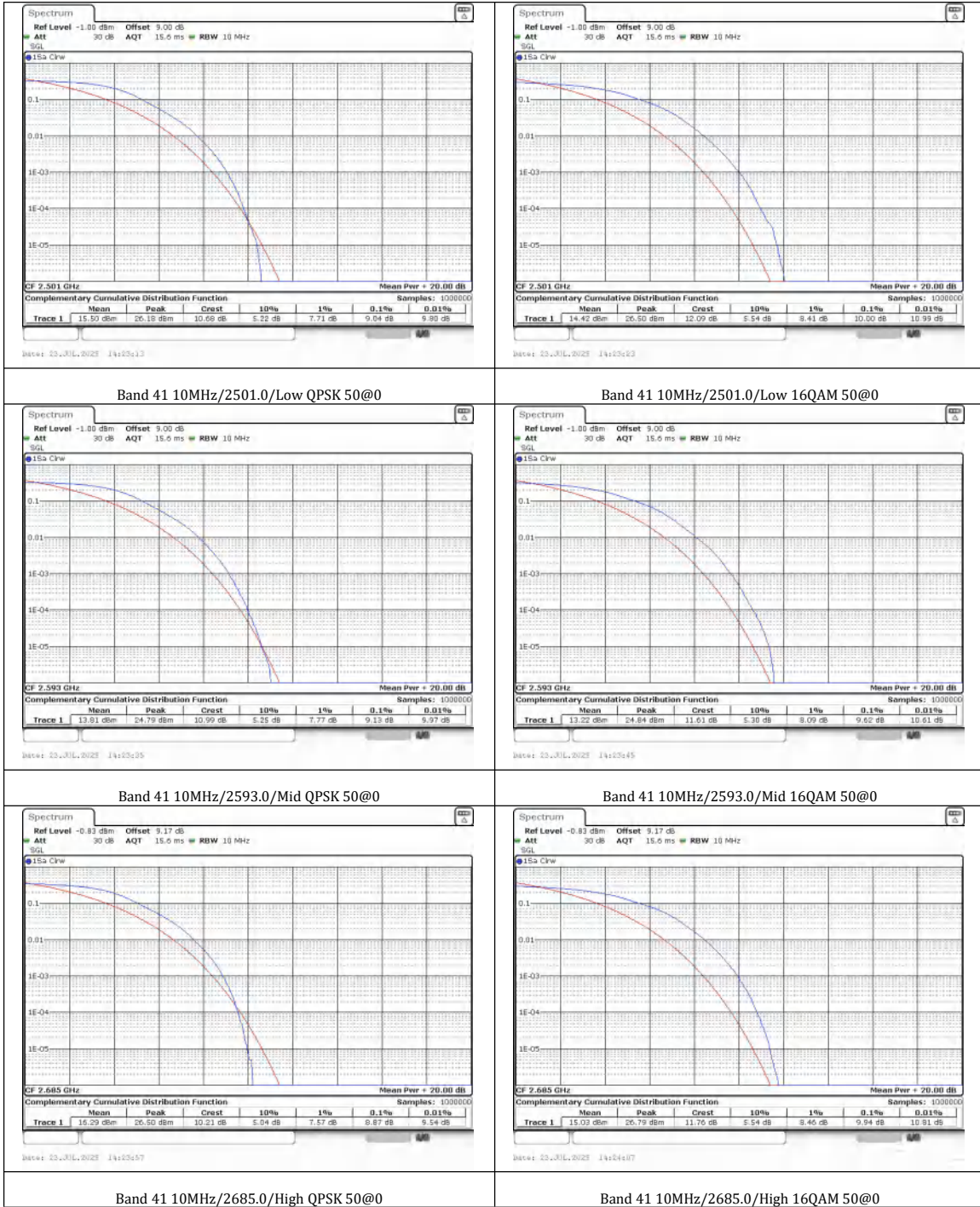
41	20.0	40620	2593.0	16QAM	1@49	22.53	25.14	0.3268	33.01	PASS
41	20.0	40620	2593.0	16QAM	1@99	22.39	25.0	0.3159	33.01	PASS
41	20.0	40620	2593.0	16QAM	50@0	20.93	23.54	0.2259	33.01	PASS
41	20.0	40620	2593.0	16QAM	50@24	20.93	23.54	0.2262	33.01	PASS
41	20.0	40620	2593.0	16QAM	50@49	20.94	23.55	0.2266	33.01	PASS
41	20.0	40620	2593.0	16QAM	100@0	20.97	23.58	0.2281	33.01	PASS
41	20.0	41490	2680.0	QPSK	1@0	23.89	26.5	0.4466	33.01	PASS
41	20.0	41490	2680.0	QPSK	1@49	24.11	26.72	0.4695	33.01	PASS
41	20.0	41490	2680.0	QPSK	1@99	23.97	26.58	0.4547	33.01	PASS
41	20.0	41490	2680.0	QPSK	50@0	23.03	25.64	0.3666	33.01	PASS
41	20.0	41490	2680.0	QPSK	50@24	23.03	25.64	0.3668	33.01	PASS
41	20.0	41490	2680.0	QPSK	50@49	23.03	25.64	0.3665	33.01	PASS
41	20.0	41490	2680.0	QPSK	100@0	23.04	25.65	0.3672	33.01	PASS
41	20.0	41490	2680.0	16QAM	1@0	22.91	25.52	0.3564	33.01	PASS
41	20.0	41490	2680.0	16QAM	1@49	23.15	25.76	0.3763	33.01	PASS
41	20.0	41490	2680.0	16QAM	1@99	22.96	25.57	0.3604	33.01	PASS
41	20.0	41490	2680.0	16QAM	50@0	22.08	24.69	0.2945	33.01	PASS
41	20.0	41490	2680.0	16QAM	50@24	22.09	24.7	0.2952	33.01	PASS
41	20.0	41490	2680.0	16QAM	50@49	22.05	24.66	0.2926	33.01	PASS
41	20.0	41490	2680.0	16QAM	100@0	21.98	24.59	0.2879	33.01	PASS

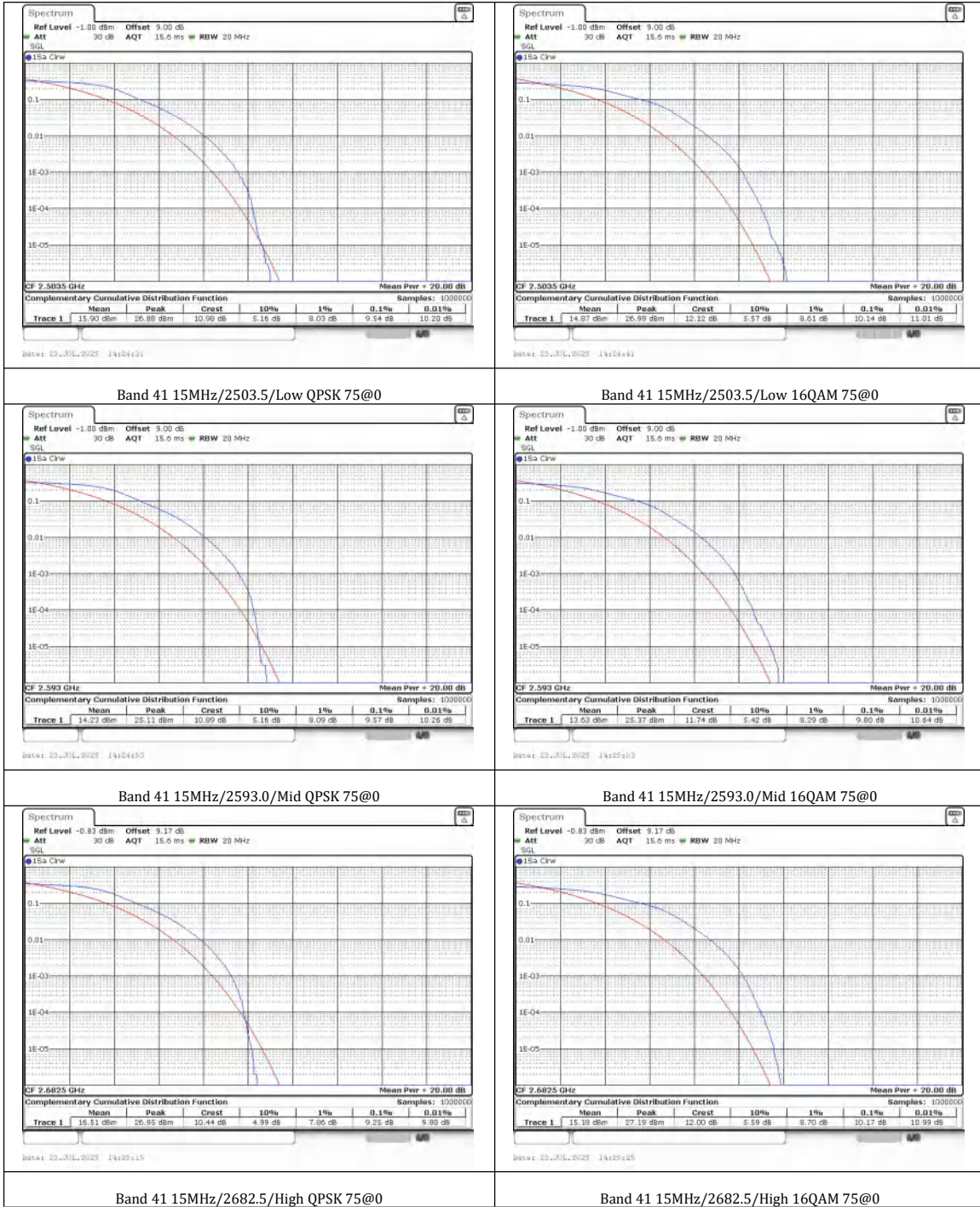


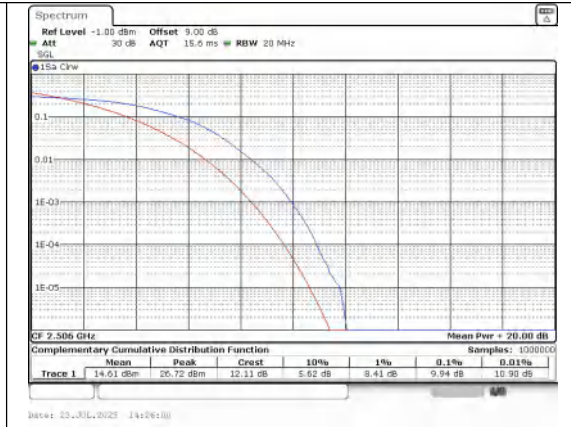
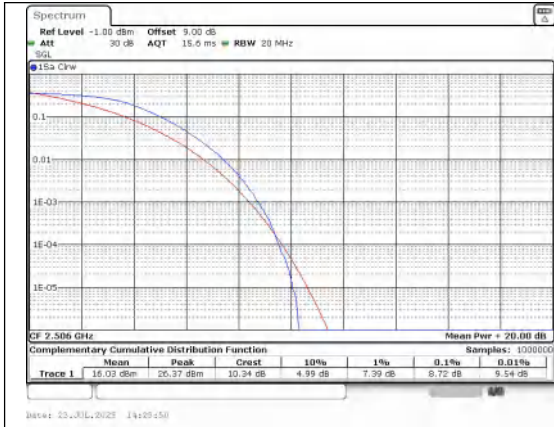
C2.Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	5.0	39675	2498.5	QPSK	25@0	9.16	13	PASS
41	5.0	39675	2498.5	16QAM	25@0	9.94	13	PASS
41	5.0	40620	2593.0	QPSK	25@0	9.25	13	PASS
41	5.0	40620	2593.0	16QAM	25@0	9.94	13	PASS
41	5.0	41565	2687.5	QPSK	25@0	8.9	13	PASS
41	5.0	41565	2687.5	16QAM	25@0	9.65	13	PASS
41	10.0	39700	2501.0	QPSK	50@0	9.04	13	PASS
41	10.0	39700	2501.0	16QAM	50@0	10.0	13	PASS
41	10.0	40620	2593.0	QPSK	50@0	9.13	13	PASS
41	10.0	40620	2593.0	16QAM	50@0	9.62	13	PASS
41	10.0	41540	2685.0	QPSK	50@0	8.87	13	PASS
41	10.0	41540	2685.0	16QAM	50@0	9.94	13	PASS
41	15.0	39725	2503.5	QPSK	75@0	9.54	13	PASS
41	15.0	39725	2503.5	16QAM	75@0	10.14	13	PASS
41	15.0	40620	2593.0	QPSK	75@0	9.57	13	PASS
41	15.0	40620	2593.0	16QAM	75@0	9.8	13	PASS
41	15.0	41515	2682.5	QPSK	75@0	9.25	13	PASS
41	15.0	41515	2682.5	16QAM	75@0	10.17	13	PASS
41	20.0	39750	2506.0	QPSK	100@0	8.72	13	PASS
41	20.0	39750	2506.0	16QAM	100@0	9.94	13	PASS
41	20.0	40620	2593.0	QPSK	100@0	9.1	13	PASS
41	20.0	40620	2593.0	16QAM	100@0	9.97	13	PASS
41	20.0	41490	2680.0	QPSK	100@0	9.1	13	PASS
41	20.0	41490	2680.0	16QAM	100@0	9.86	13	PASS

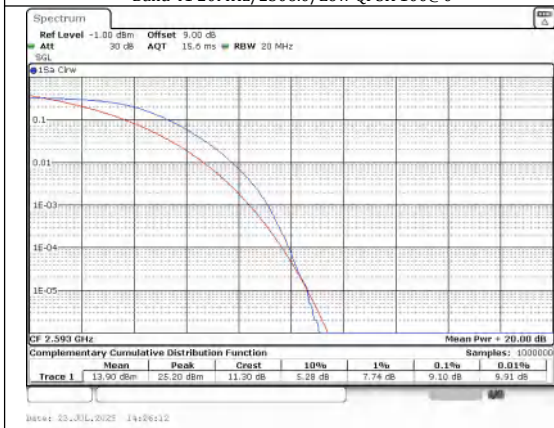




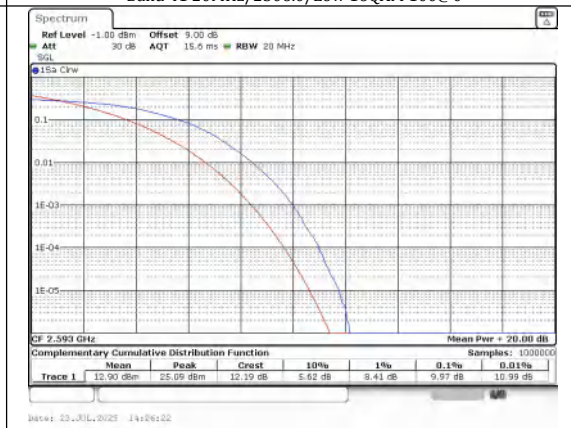




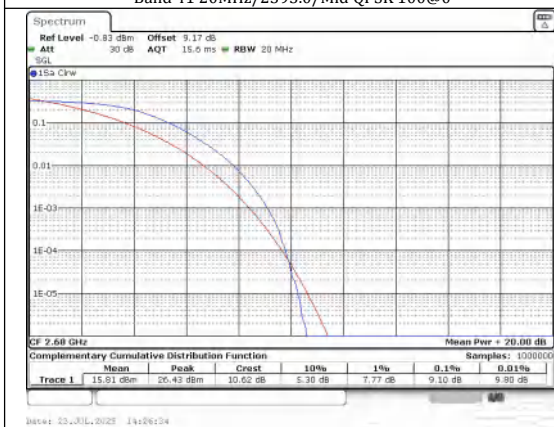
Band 41 20MHz/2506.0/Low QPSK 100@0



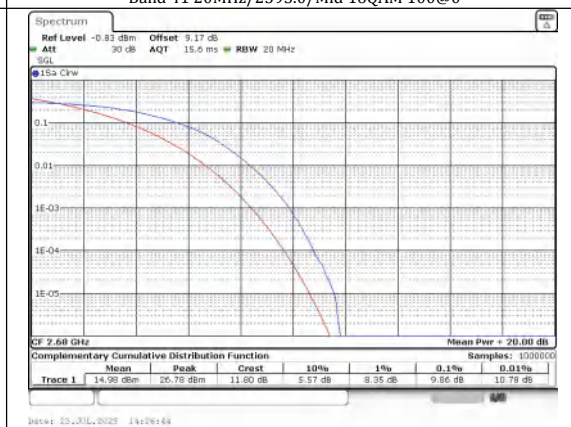
Band 41 20MHz/2506.0/Low 16QAM 100@0



Band 41 20MHz/2593.0/Mid QPSK 100@0



Band 41 20MHz/2593.0/Mid 16QAM 100@0



Band 41 20MHz/2680.0/High QPSK 100@0

Band 41 20MHz/2680.0/High 16QAM 100@0



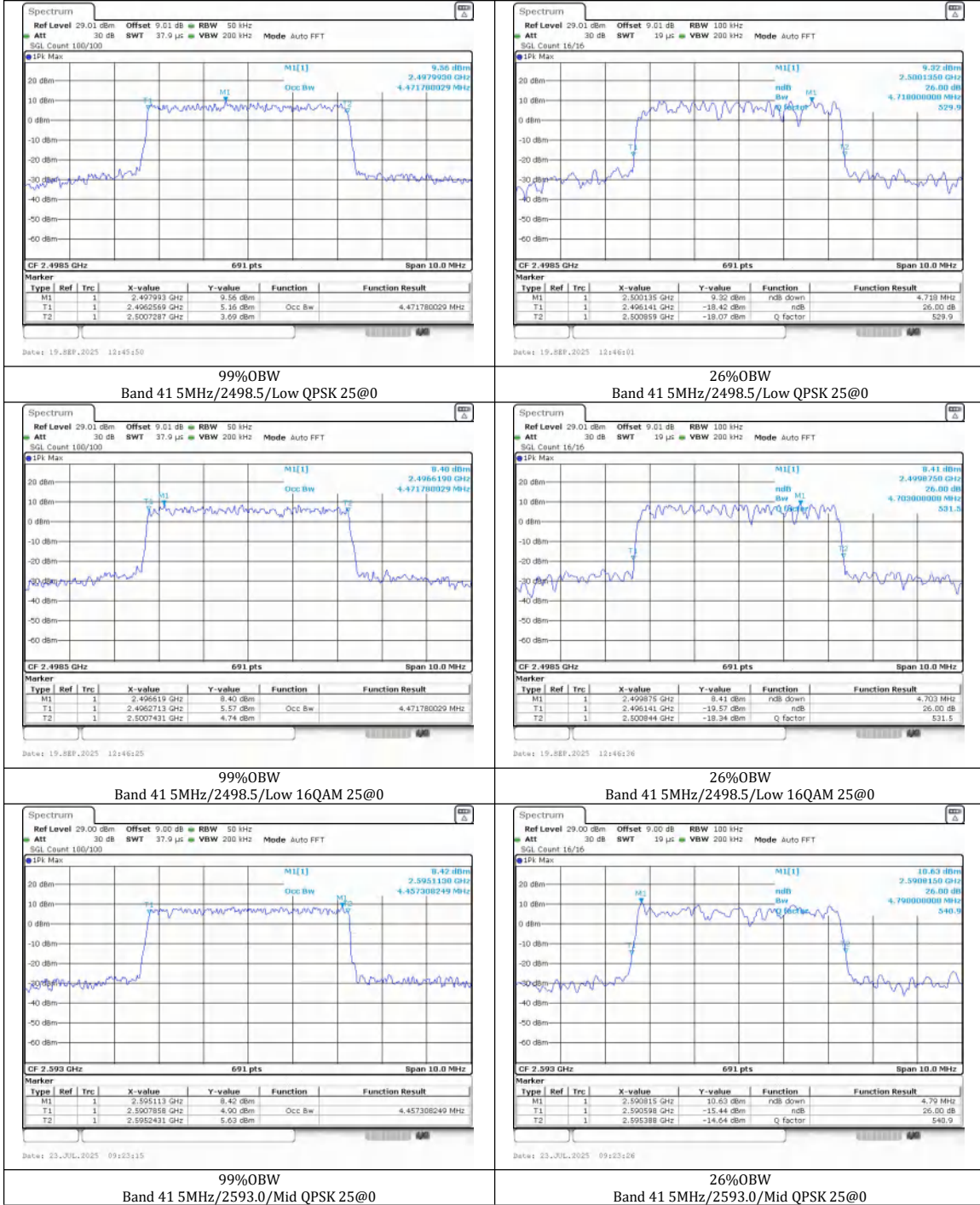
C3.Frequency Stability

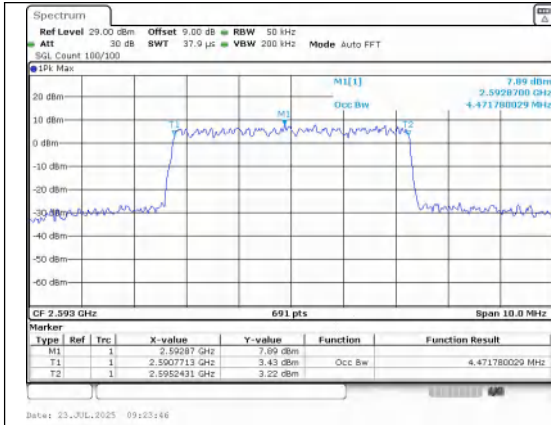
Band	Band width (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	Environment
41	20.0	39750	2506.0	QPSK	100@0	-11.84	-0.00473	±2.5	PASS	VL
41	20.0	39750	2506.0	QPSK	100@0	-60.63	-0.02419	±2.5	PASS	VN
41	20.0	39750	2506.0	QPSK	100@0	-54.39	-0.0217	±2.5	PASS	VH
41	20.0	39750	2506.0	QPSK	100@0	-40.17	-0.01603	±2.5	PASS	-30°C
41	20.0	39750	2506.0	QPSK	100@0	-32.92	-0.01313	±2.5	PASS	-20°C
41	20.0	39750	2506.0	QPSK	100@0	-67.39	-0.02689	±2.5	PASS	-10°C
41	20.0	39750	2506.0	QPSK	100@0	-33.55	-0.01339	±2.5	PASS	0°C
41	20.0	39750	2506.0	QPSK	100@0	-66.5	-0.02654	±2.5	PASS	10°C
41	20.0	39750	2506.0	QPSK	100@0	-78.36	-0.03127	±2.5	PASS	20°C
41	20.0	39750	2506.0	QPSK	100@0	-63.57	-0.02537	±2.5	PASS	30°C
41	20.0	39750	2506.0	QPSK	100@0	-38.97	-0.01555	±2.5	PASS	40°C
41	20.0	39750	2506.0	QPSK	100@0	-30.44	-0.01215	±2.5	PASS	50°C
41	20.0	40620	2593.0	QPSK	100@0	-47.35	-0.01826	±2.5	PASS	VL
41	20.0	40620	2593.0	QPSK	100@0	-56.95	-0.02196	±2.5	PASS	VN
41	20.0	40620	2593.0	QPSK	100@0	-71.97	-0.02776	±2.5	PASS	VH
41	20.0	40620	2593.0	QPSK	100@0	-31.49	-0.01214	±2.5	PASS	-30°C
41	20.0	40620	2593.0	QPSK	100@0	-48.08	-0.01854	±2.5	PASS	-20°C
41	20.0	40620	2593.0	QPSK	100@0	3.19	0.00123	±2.5	PASS	-10°C
41	20.0	40620	2593.0	QPSK	100@0	44.32	0.01709	±2.5	PASS	0°C
41	20.0	40620	2593.0	QPSK	100@0	-55.39	-0.02136	±2.5	PASS	10°C
41	20.0	40620	2593.0	QPSK	100@0	-35.26	-0.0136	±2.5	PASS	20°C
41	20.0	40620	2593.0	QPSK	100@0	-36.91	-0.01423	±2.5	PASS	30°C
41	20.0	40620	2593.0	QPSK	100@0	-15.75	-0.00607	±2.5	PASS	40°C
41	20.0	40620	2593.0	QPSK	100@0	-38.62	-0.0149	±2.5	PASS	50°C
41	20.0	41490	2680.0	QPSK	100@0	-42.24	-0.01576	±2.5	PASS	VL
41	20.0	41490	2680.0	QPSK	100@0	-35.23	-0.01315	±2.5	PASS	VN
41	20.0	41490	2680.0	QPSK	100@0	18.3	0.00683	±2.5	PASS	VH
41	20.0	41490	2680.0	QPSK	100@0	-61.61	-0.02299	±2.5	PASS	-30°C
41	20.0	41490	2680.0	QPSK	100@0	13.36	0.00499	±2.5	PASS	-20°C
41	20.0	41490	2680.0	QPSK	100@0	-59.54	-0.02222	±2.5	PASS	-10°C
41	20.0	41490	2680.0	QPSK	100@0	-76.58	-0.02857	±2.5	PASS	0°C
41	20.0	41490	2680.0	QPSK	100@0	-64.14	-0.02393	±2.5	PASS	10°C
41	20.0	41490	2680.0	QPSK	100@0	-1.86	-0.00069	±2.5	PASS	20°C
41	20.0	41490	2680.0	QPSK	100@0	-66.55	-0.02483	±2.5	PASS	30°C
41	20.0	41490	2680.0	QPSK	100@0	-78.01	-0.02911	±2.5	PASS	40°C
41	20.0	41490	2680.0	QPSK	100@0	-47.69	-0.0178	±2.5	PASS	50°C



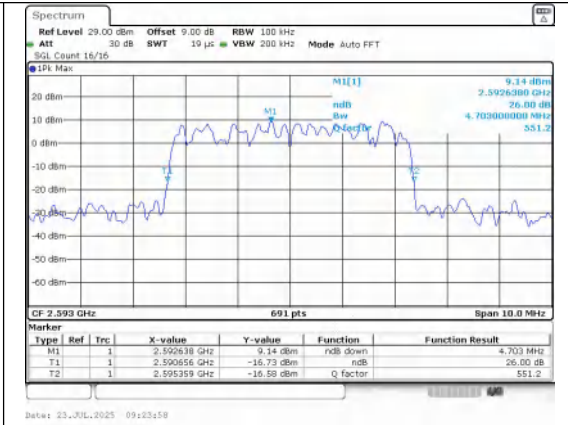
C4.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
41	5.0	39675	2498.5	QPSK	25@0	4.4718	4.718	PASS
41	5.0	39675	2498.5	16QAM	25@0	4.4718	4.703	PASS
41	5.0	40620	2593.0	QPSK	25@0	4.4573	4.790	PASS
41	5.0	40620	2593.0	16QAM	25@0	4.4718	4.703	PASS
41	5.0	41565	2687.5	QPSK	25@0	4.4573	4.805	PASS
41	5.0	41565	2687.5	16QAM	25@0	4.4573	4.718	PASS
41	10.0	39700	2501.0	QPSK	50@0	8.9436	9.465	PASS
41	10.0	39700	2501.0	16QAM	50@0	8.9436	9.436	PASS
41	10.0	40620	2593.0	QPSK	50@0	8.9146	9.320	PASS
41	10.0	40620	2593.0	16QAM	50@0	8.9146	9.407	PASS
41	10.0	41540	2685.0	QPSK	50@0	8.9146	9.436	PASS
41	10.0	41540	2685.0	16QAM	50@0	8.9146	9.320	PASS
41	15.0	39725	2503.5	QPSK	75@0	13.415	14.24	PASS
41	15.0	39725	2503.5	16QAM	75@0	13.415	14.07	PASS
41	15.0	40620	2593.0	QPSK	75@0	13.415	14.33	PASS
41	15.0	40620	2593.0	16QAM	75@0	13.459	14.24	PASS
41	15.0	41515	2682.5	QPSK	75@0	13.459	14.41	PASS
41	15.0	41515	2682.5	16QAM	75@0	13.415	14.15	PASS
41	20.0	39750	2506.0	QPSK	100@0	17.945	19.10	PASS
41	20.0	39750	2506.0	16QAM	100@0	17.887	18.99	PASS
41	20.0	40620	2593.0	QPSK	100@0	17.829	19.05	PASS
41	20.0	40620	2593.0	16QAM	100@0	17.887	19.05	PASS
41	20.0	41490	2680.0	QPSK	100@0	17.829	19.16	PASS
41	20.0	41490	2680.0	16QAM	100@0	17.945	18.99	PASS

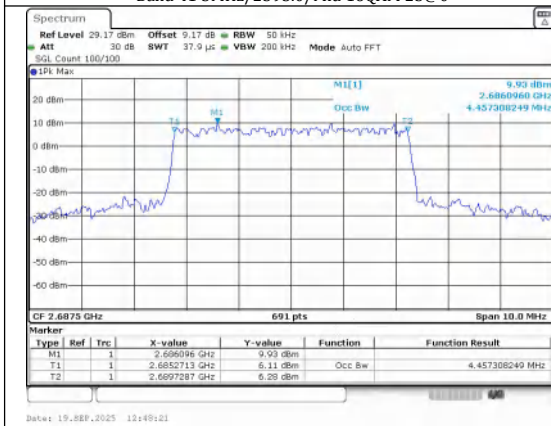




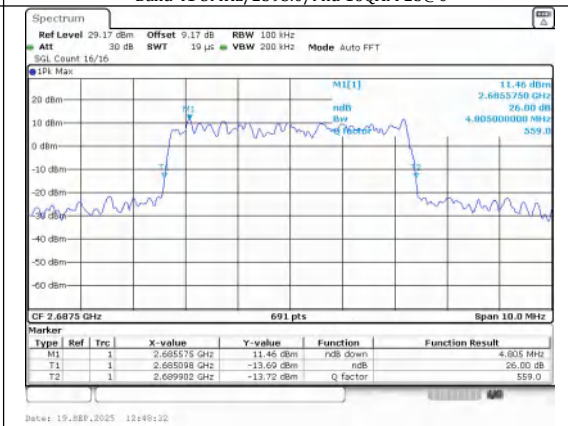
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Band 41 5MHz/2593.0/Mid 16QAM 25@0



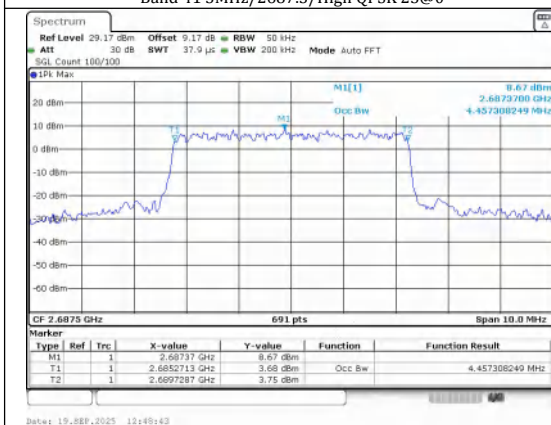
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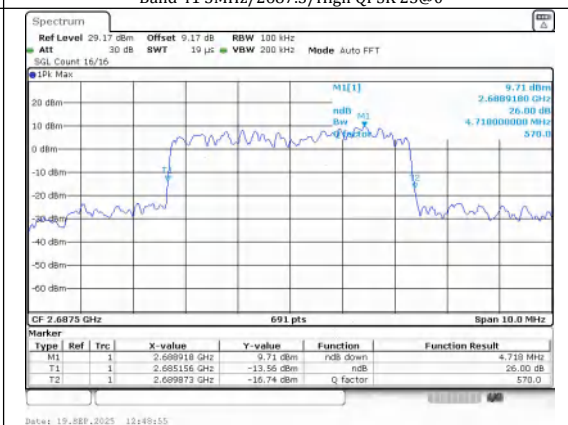
99%OBW
Band 41 5MHz/2687.5/High 16QAM 25@0



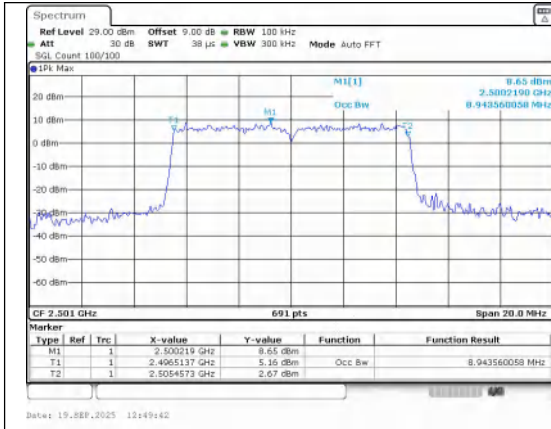
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Band 41 5MHz/2687.5/High 16QAM 25@0



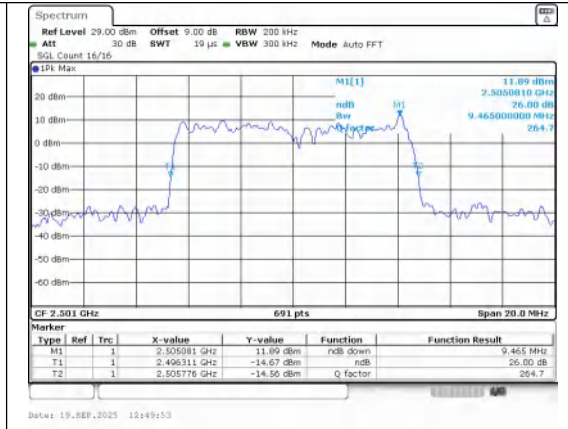
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Band 41 5MHz/2687.5/High 16QAM 25@0



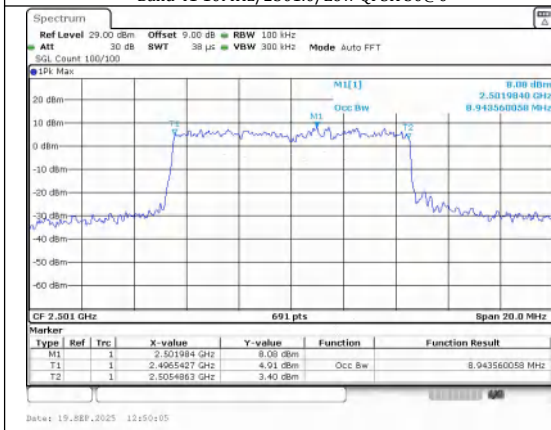
26%OBW
Band 41 5MHz/2687.5/High 16QAM 25@0



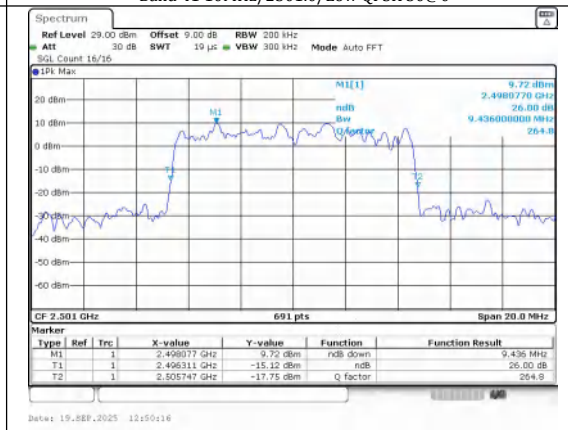
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Band 41 10MHz/2501.0/Low QPSK 50@0



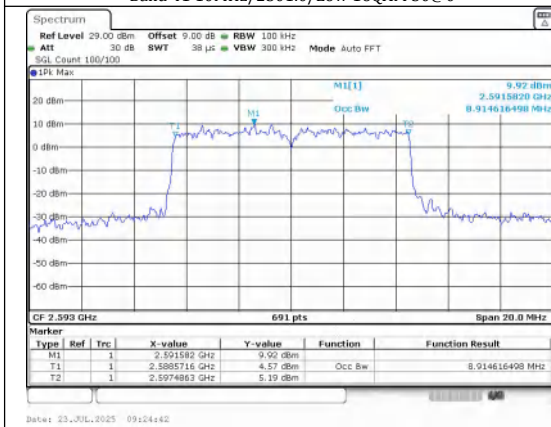
26%OBW
Band 41 10MHz/2501.0/Low QPSK 50@0



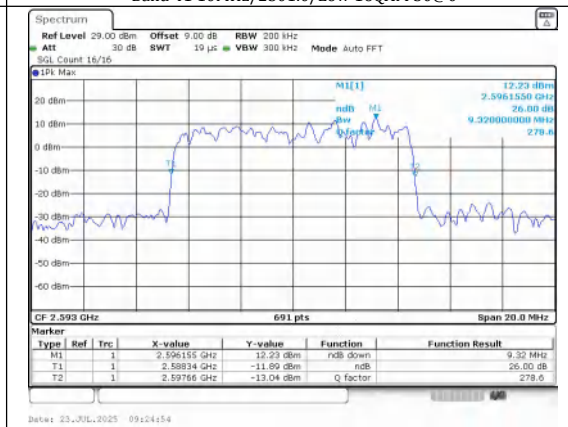
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Band 41 10MHz/2501.0/Low 16QAM 50@0



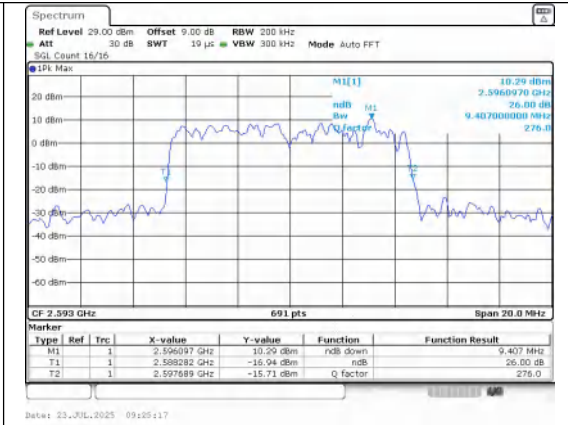
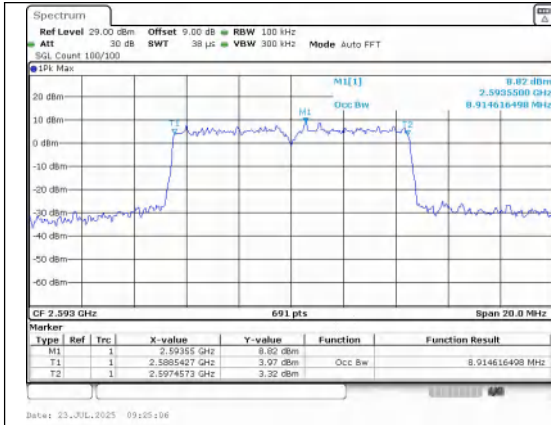
26%OBW
Band 41 10MHz/2501.0/Low 16QAM 50@0



99%OBW
Band 41 10MHz/2593.0/Mid QPSK 50@0

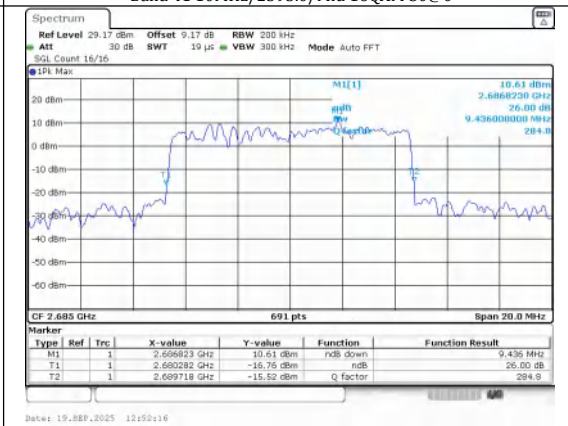
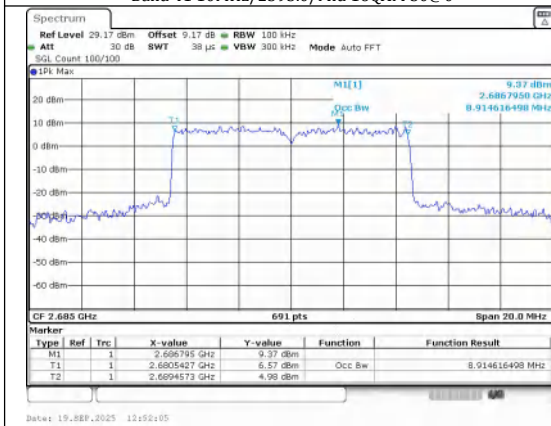


26%OBW
Band 41 10MHz/2593.0/Mid QPSK 50@0



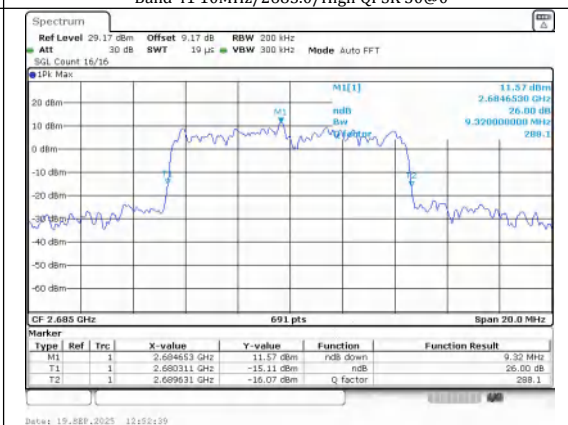
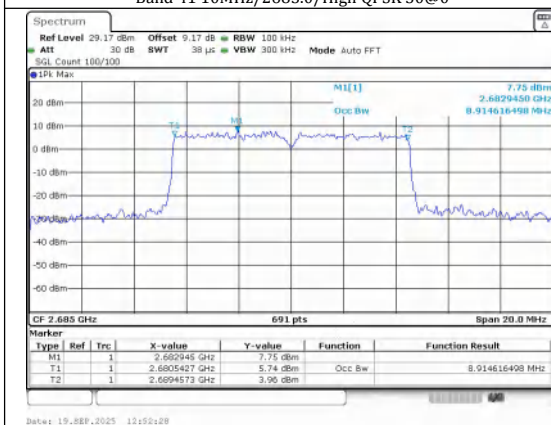
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Band 41 10MHz/2593.0/Mid 16QAM 50@0

26%OBW
Band 41 10MHz/2593.0/Mid 16QAM 50@0



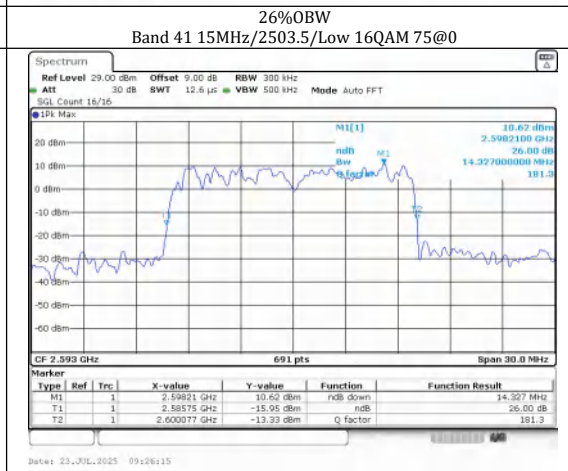
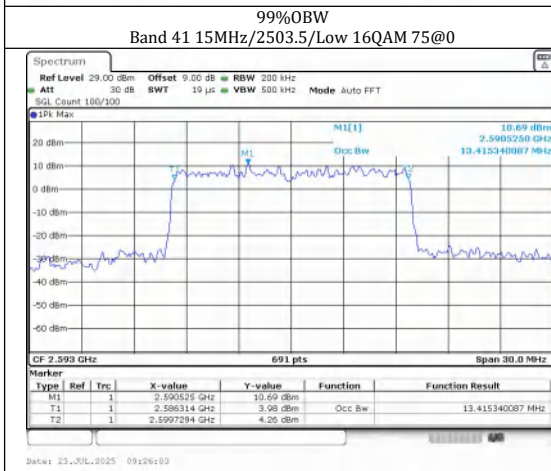
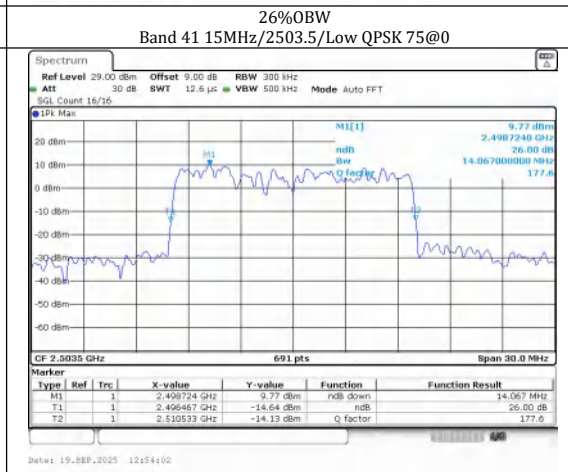
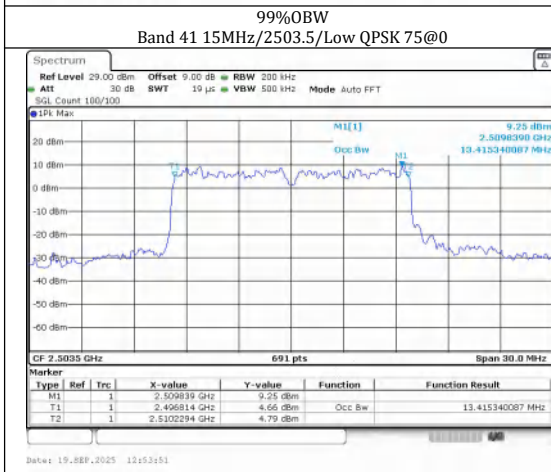
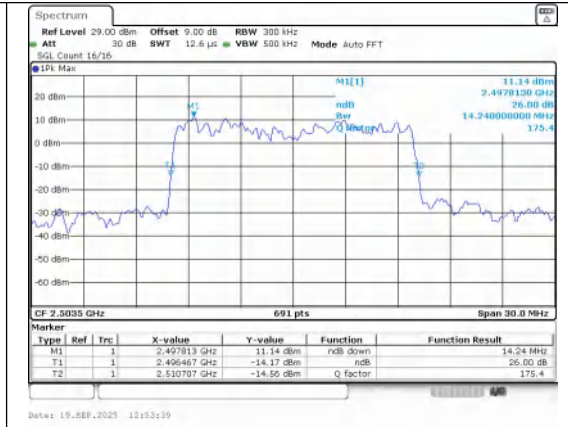
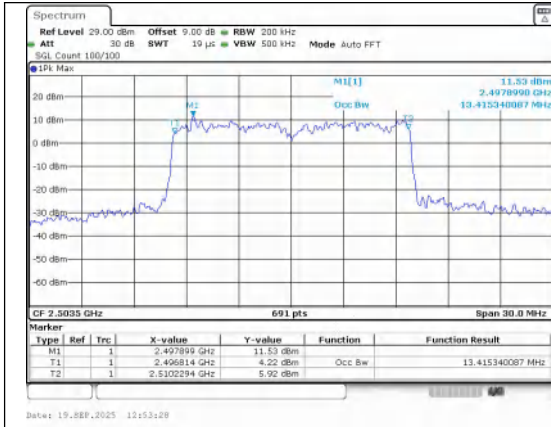
99%OBW
Band 41 10MHz/2685.0/High QPSK 50@0

26%OBW
Band 41 10MHz/2685.0/High QPSK 50@0



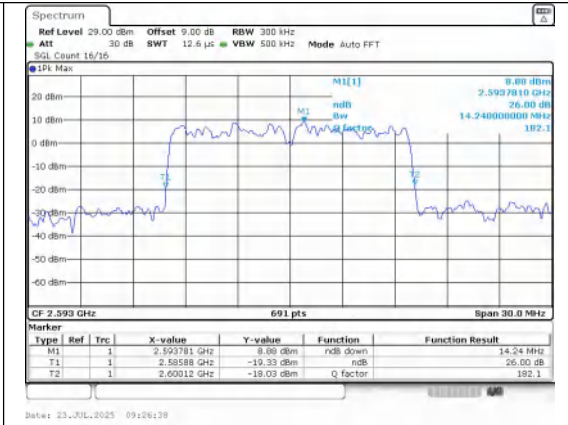
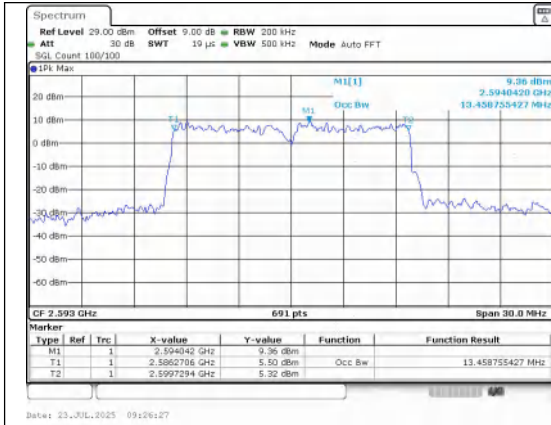
99%OBW
Band 41 10MHz/2685.0/High 16QAM 50@0

26%OBW
Band 41 10MHz/2685.0/High 16QAM 50@0



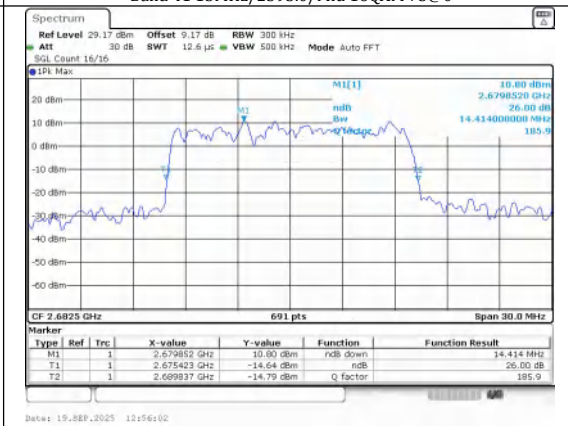
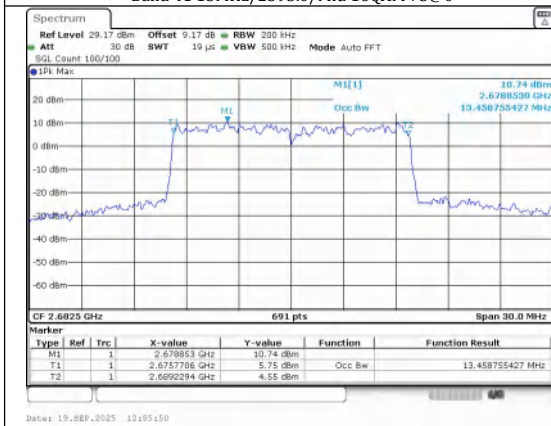
99%OBW
Band 41 15MHz/2593.0/Mid QPSK 75@0

26%OBW
Band 41 15MHz/2593.0/Mid QPSK 75@0



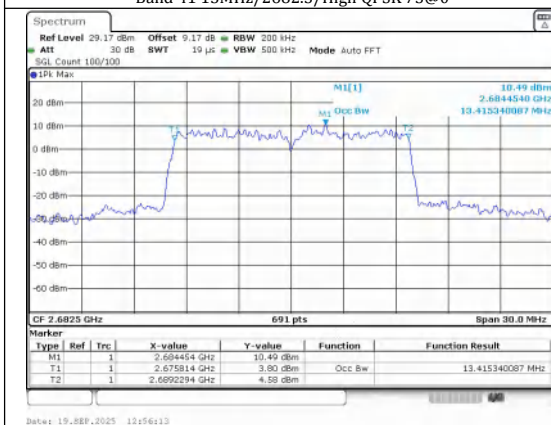
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Band 41 15MHz/2593.0/Mid 16QAM 75@0

26%OBW
Band 41 15MHz/2593.0/Mid 16QAM 75@0



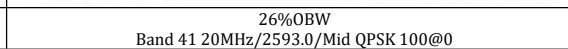
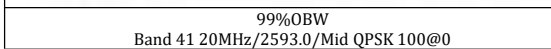
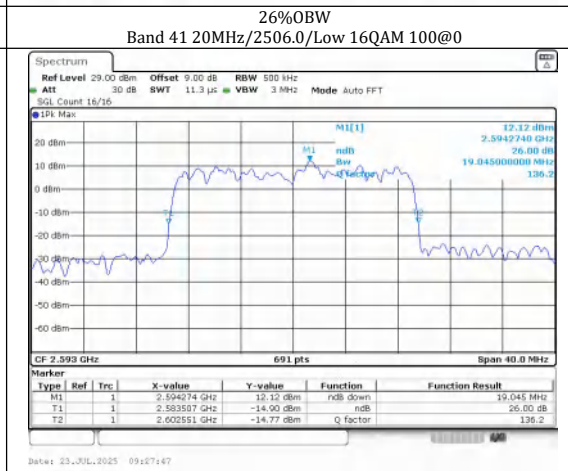
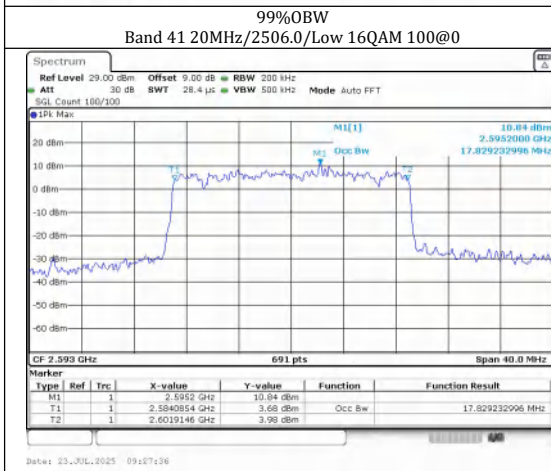
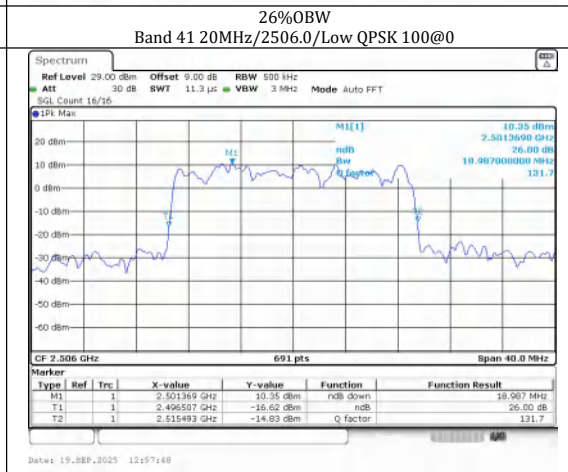
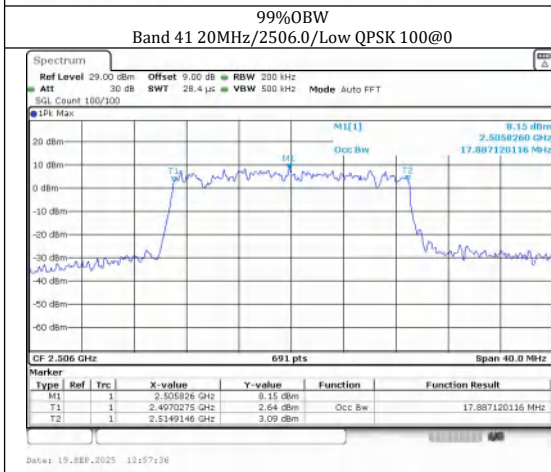
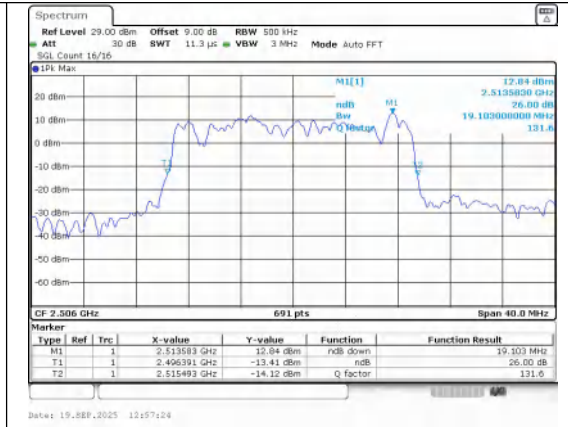
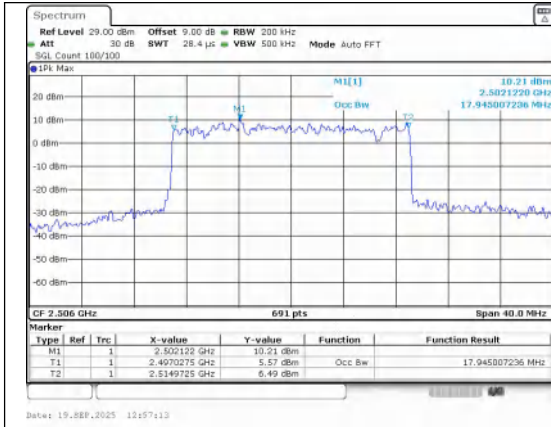
99%OBW
Band 41 15MHz/2682.5/High QPSK 75@0

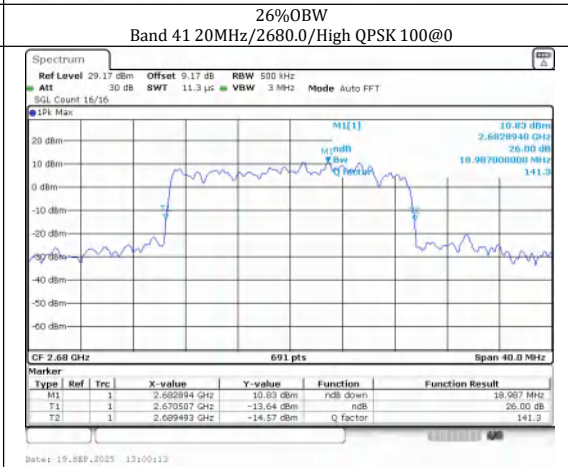
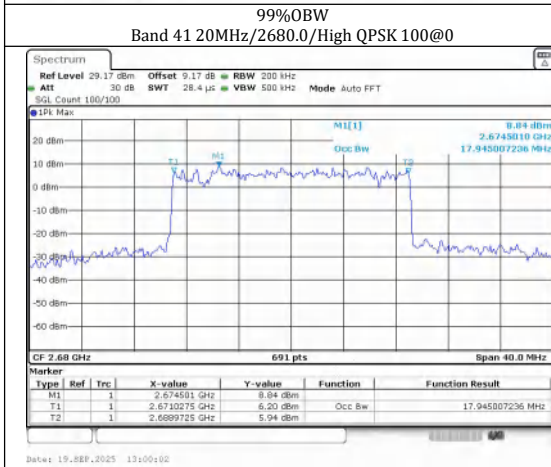
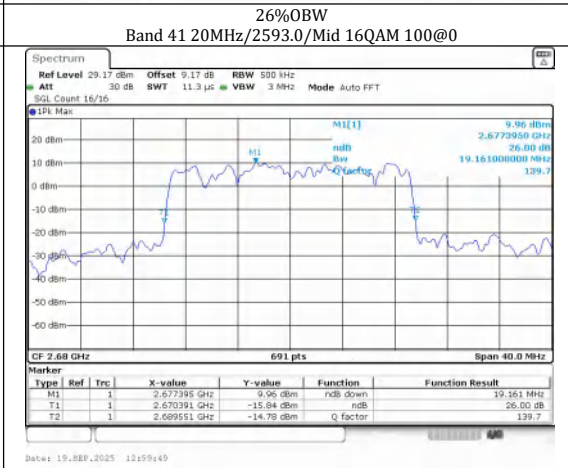
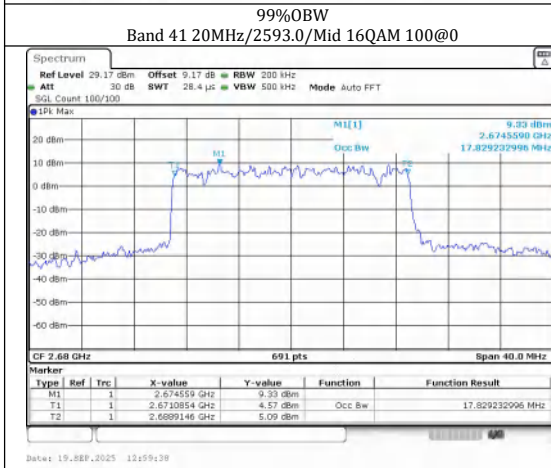
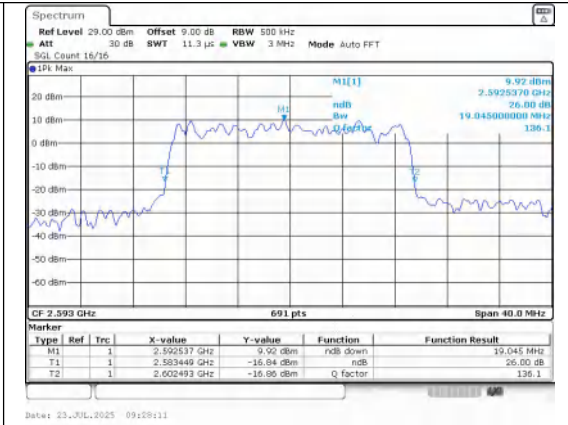
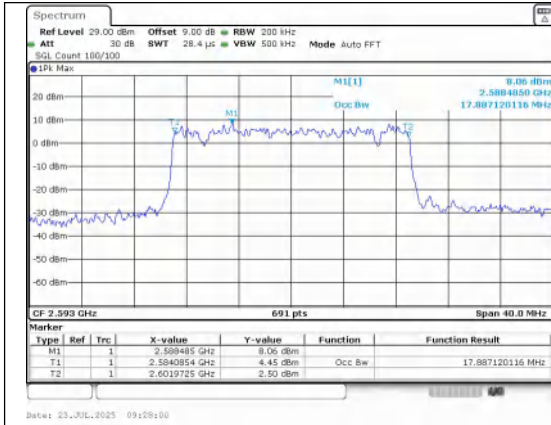
26%OBW
Band 41 15MHz/2682.5/High QPSK 75@0



99%OBW
Band 41 15MHz/2682.5/High 16QAM 75@0

26%OBW
Band 41 15MHz/2682.5/High 16QAM 75@0





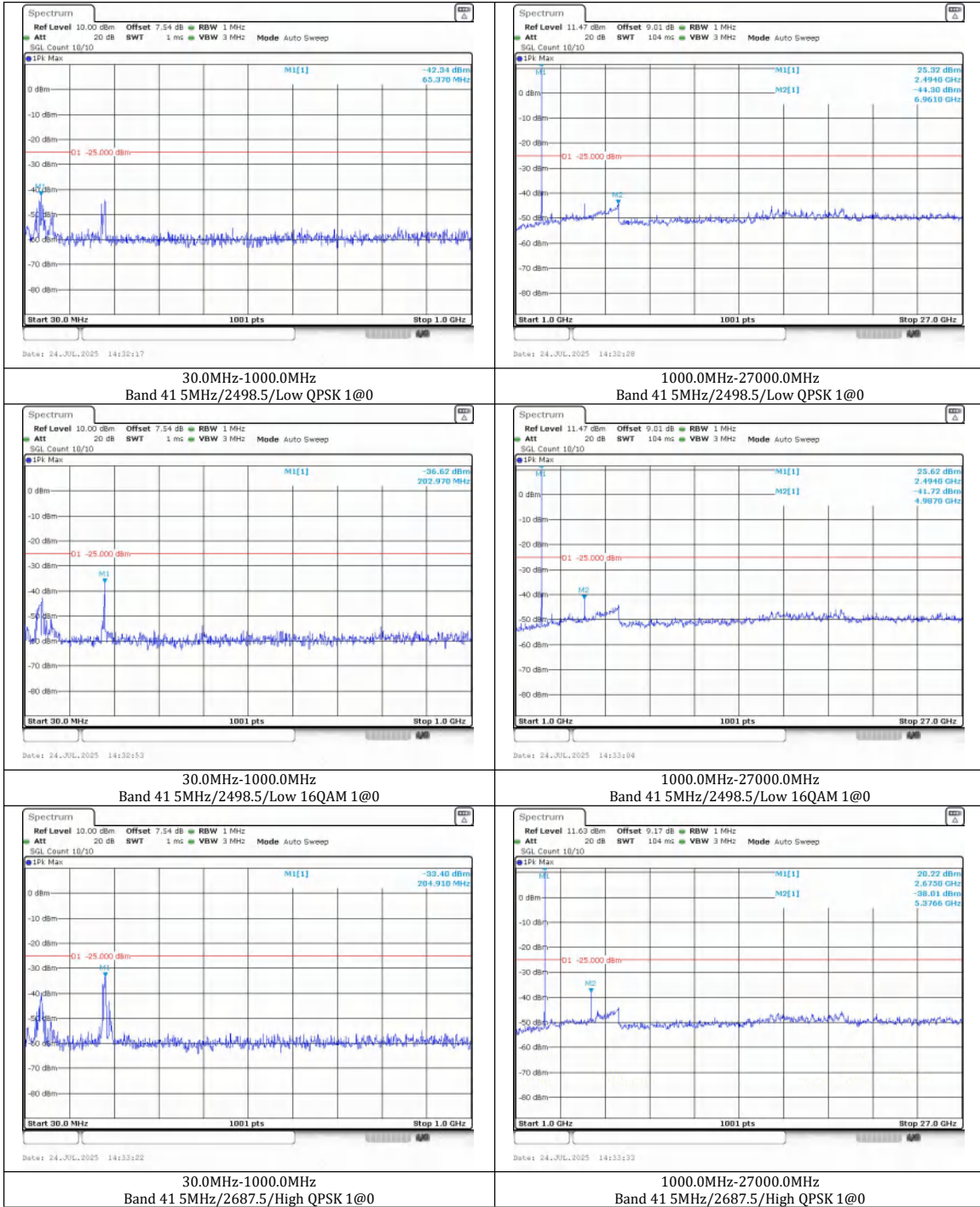
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Band 41 20MHz/2680.0/High 16QAM 100@0

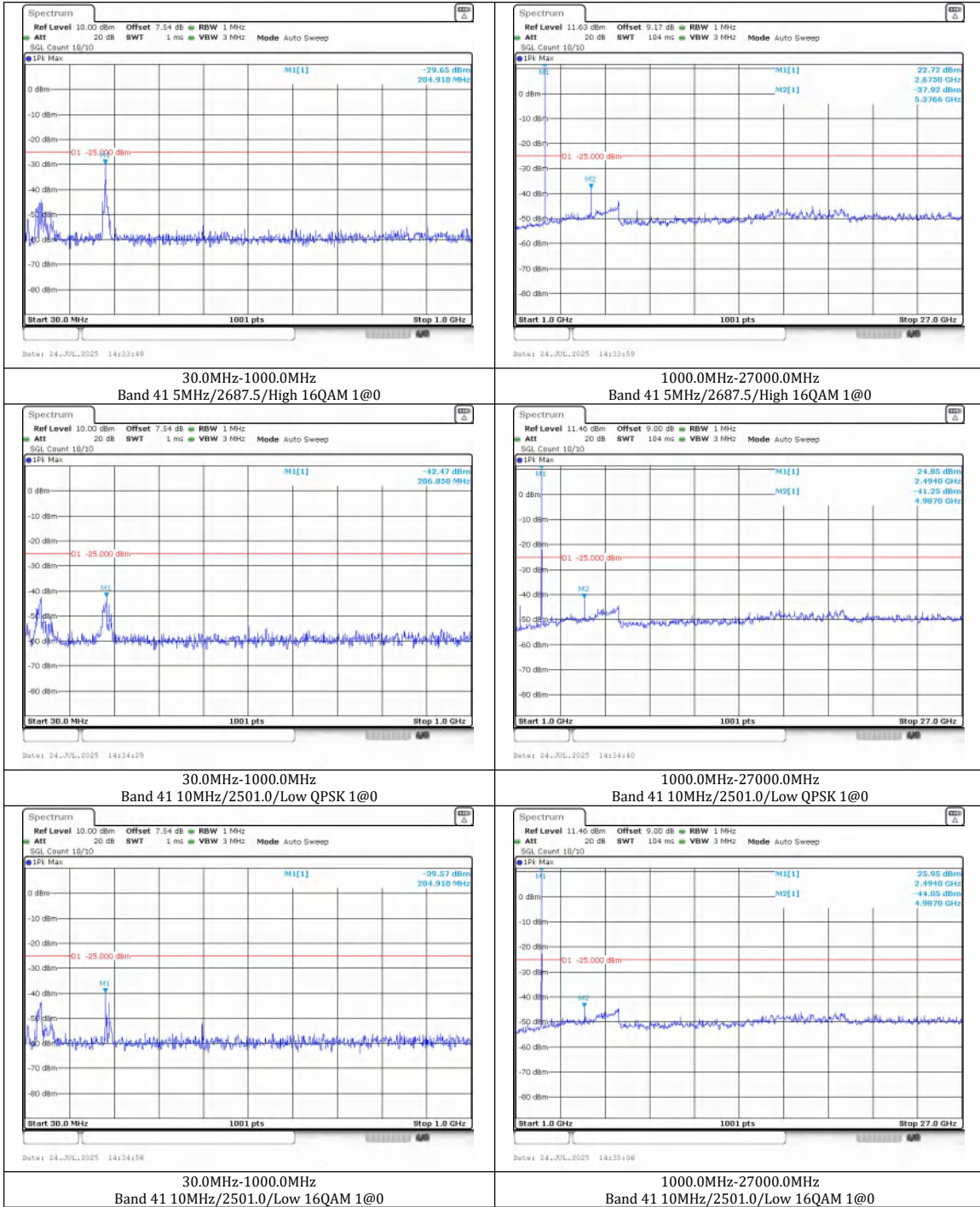
26%OBW
Band 41 20MHz/2680.0/High 16QAM 100@0

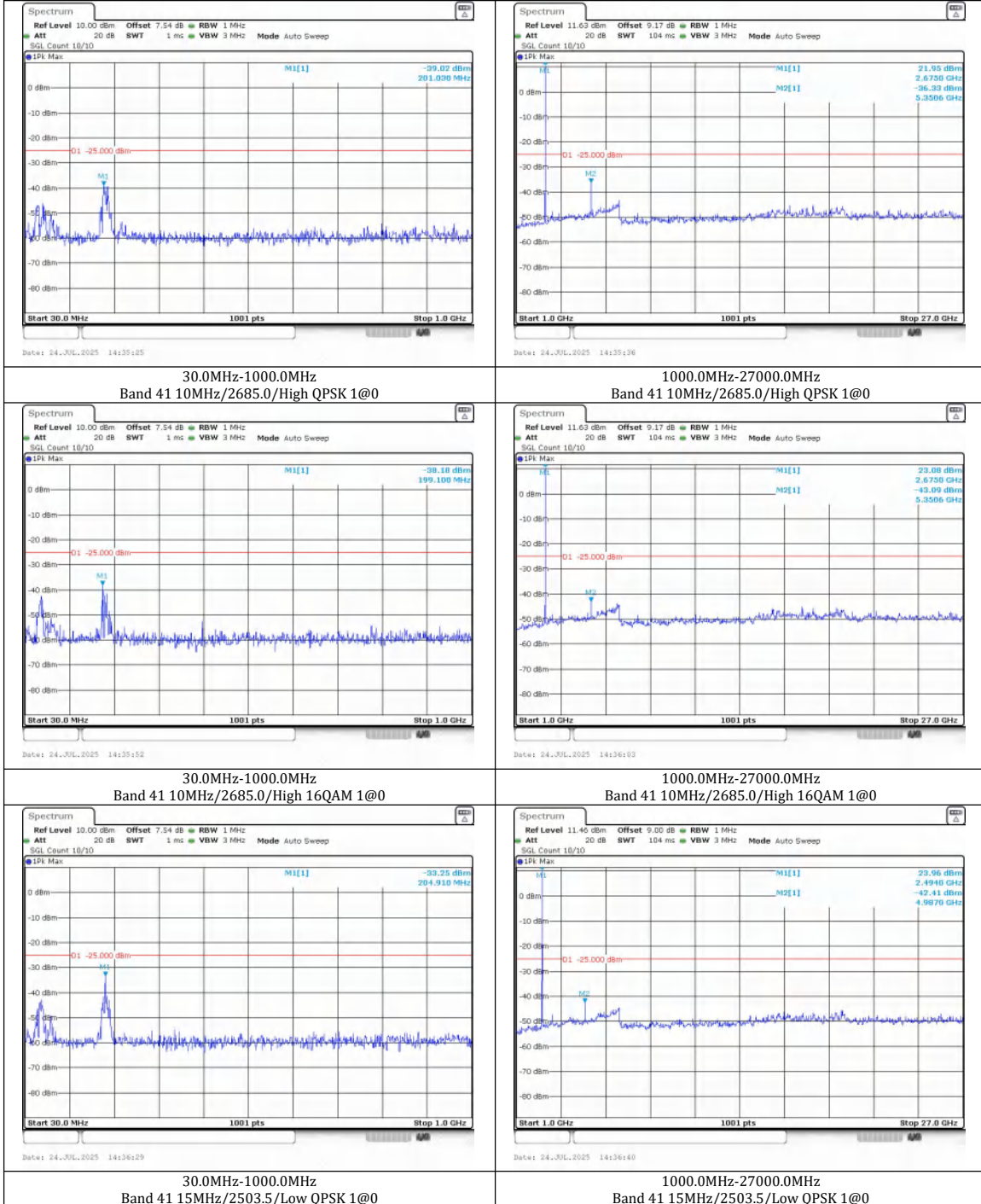


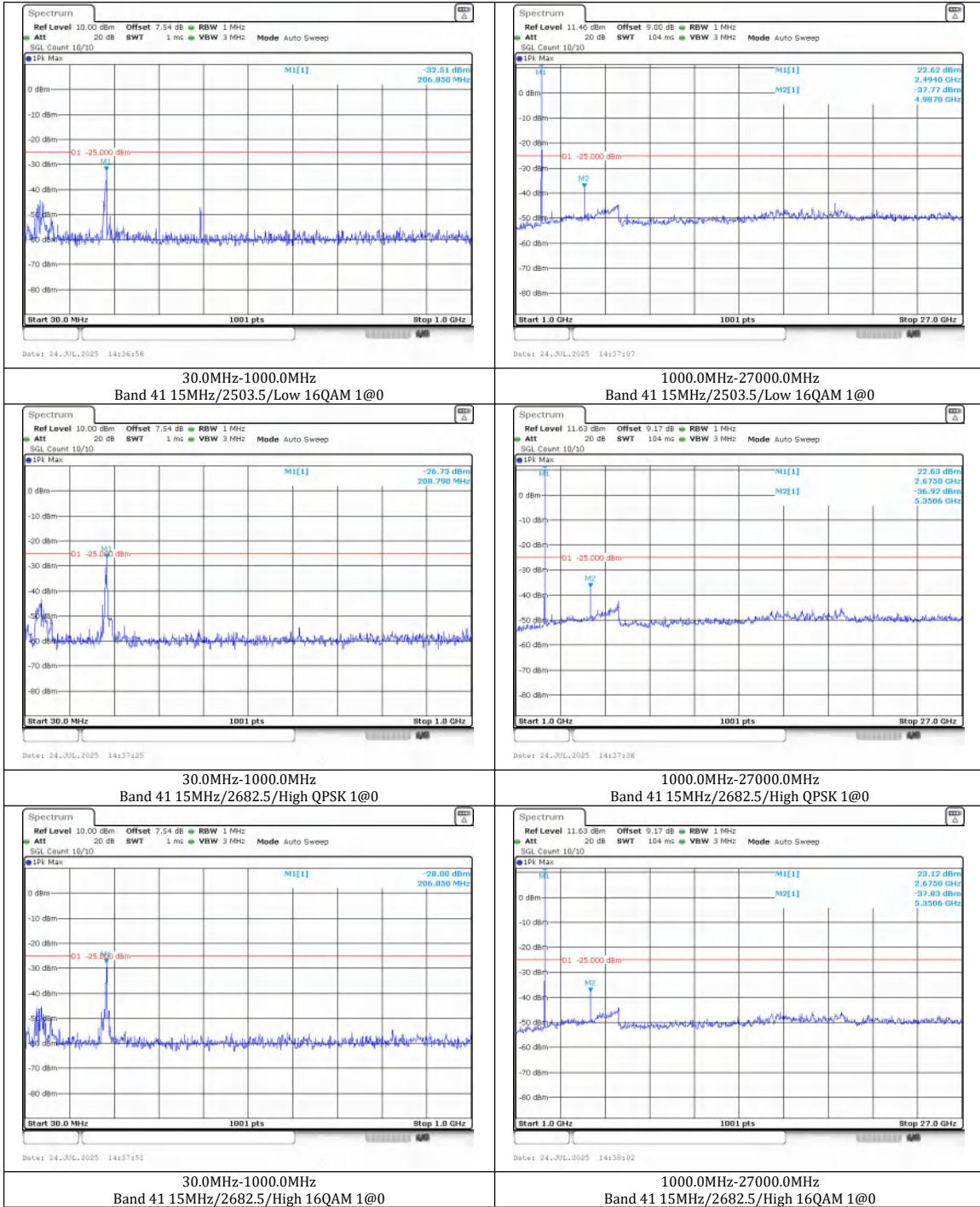
C5.Conducted Spurious Emissions

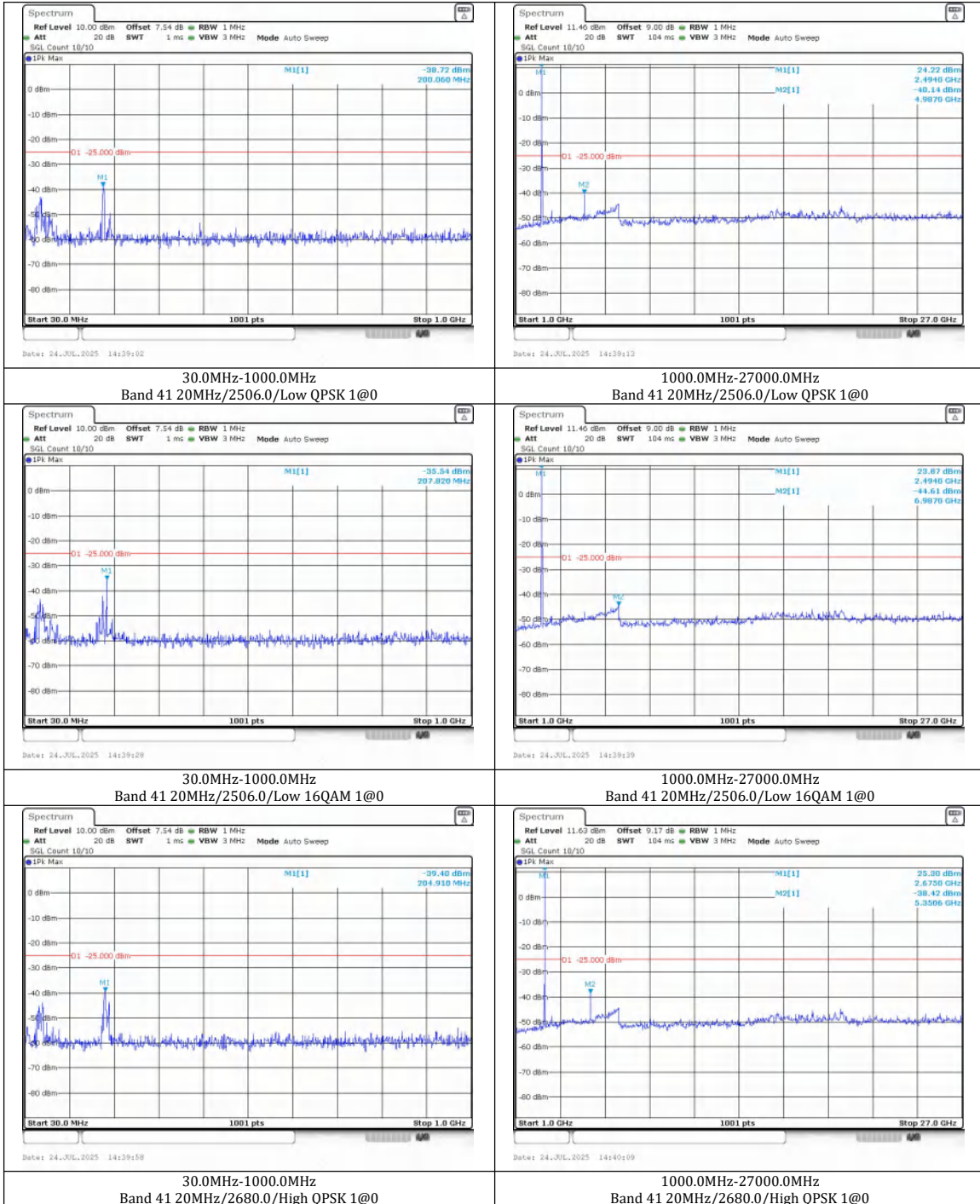
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
41	5.0	39675	2498.5	QPSK	1@0	30	1000	-42.34	-25	PASS
41	5.0	39675	2498.5	QPSK	1@0	1000	27000	-44.3	-25	PASS
41	5.0	39675	2498.5	16QAM	1@0	30	1000	-36.62	-25	PASS
41	5.0	39675	2498.5	16QAM	1@0	1000	27000	-41.72	-25	PASS
41	5.0	41565	2687.5	QPSK	1@0	30	1000	-33.4	-25	PASS
41	5.0	41565	2687.5	QPSK	1@0	1000	27000	-38.01	-25	PASS
41	5.0	41565	2687.5	16QAM	1@0	30	1000	-29.65	-25	PASS
41	5.0	41565	2687.5	16QAM	1@0	1000	27000	-37.92	-25	PASS
41	10.0	39700	2501.0	QPSK	1@0	30	1000	-42.47	-25	PASS
41	10.0	39700	2501.0	QPSK	1@0	1000	27000	-41.25	-25	PASS
41	10.0	39700	2501.0	16QAM	1@0	30	1000	-39.57	-25	PASS
41	10.0	39700	2501.0	16QAM	1@0	1000	27000	-44.05	-25	PASS
41	10.0	41540	2685.0	QPSK	1@0	30	1000	-39.02	-25	PASS
41	10.0	41540	2685.0	QPSK	1@0	1000	27000	-36.33	-25	PASS
41	10.0	41540	2685.0	16QAM	1@0	30	1000	-38.18	-25	PASS
41	10.0	41540	2685.0	16QAM	1@0	1000	27000	-43.09	-25	PASS
41	15.0	39725	2503.5	QPSK	1@0	30	1000	-33.25	-25	PASS
41	15.0	39725	2503.5	QPSK	1@0	1000	27000	-42.41	-25	PASS
41	15.0	39725	2503.5	16QAM	1@0	30	1000	-32.51	-25	PASS
41	15.0	39725	2503.5	16QAM	1@0	1000	27000	-37.77	-25	PASS
41	15.0	41515	2682.5	QPSK	1@0	30	1000	-26.73	-25	PASS
41	15.0	41515	2682.5	QPSK	1@0	1000	27000	-36.92	-25	PASS
41	15.0	41515	2682.5	16QAM	1@0	30	1000	-28.0	-25	PASS
41	15.0	41515	2682.5	16QAM	1@0	1000	27000	-37.83	-25	PASS
41	20.0	39750	2506.0	QPSK	1@0	30	1000	-38.72	-25	PASS
41	20.0	39750	2506.0	QPSK	1@0	1000	27000	-40.14	-25	PASS
41	20.0	39750	2506.0	16QAM	1@0	30	1000	-35.54	-25	PASS
41	20.0	39750	2506.0	16QAM	1@0	1000	27000	-44.61	-25	PASS
41	20.0	41490	2680.0	QPSK	1@0	30	1000	-39.4	-25	PASS
41	20.0	41490	2680.0	QPSK	1@0	1000	27000	-38.42	-25	PASS
41	20.0	41490	2680.0	16QAM	1@0	30	1000	-38.19	-25	PASS
41	20.0	41490	2680.0	16QAM	1@0	1000	27000	-35.71	-25	PASS

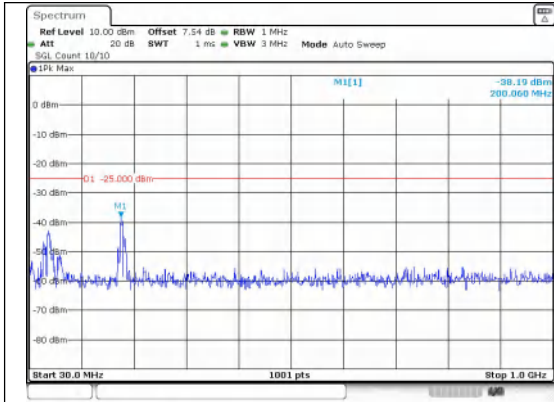




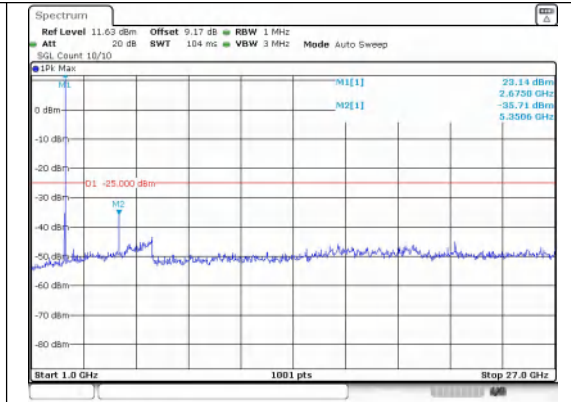








30.0MHz-1000.0MHz
Band 41 20MHz/2680.0/High 16QAM 1@0

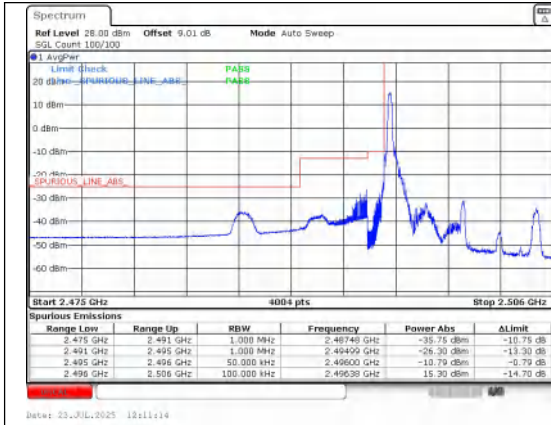


1000.0MHz-27000.0MHz
Band 41 20MHz/2680.0/High 16QAM 1@0

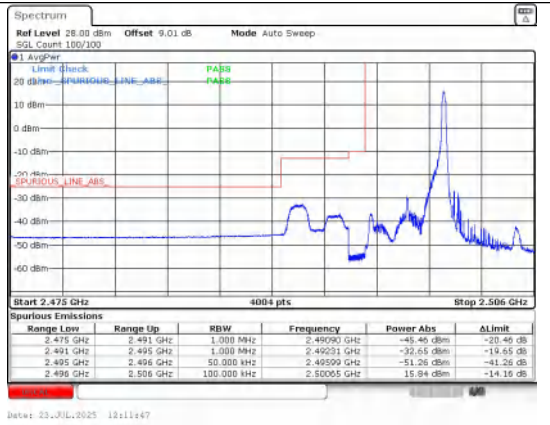


C6.Conducted Band Edge

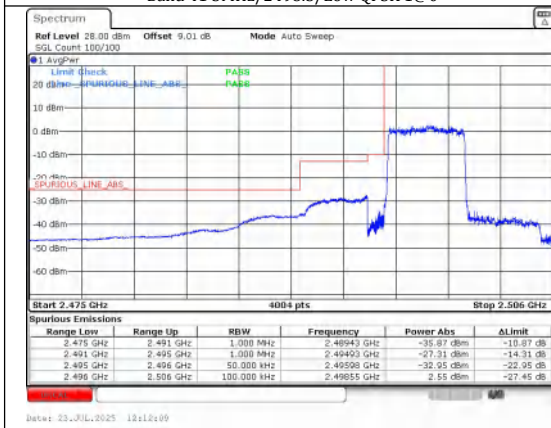
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
41	5.0	39675	2498.5	QPSK	1@0	see graph	PASS
41	5.0	39675	2498.5	QPSK	1@24	see graph	PASS
41	5.0	39675	2498.5	QPSK	25@0	see graph	PASS
41	5.0	39675	2498.5	16QAM	1@0	see graph	PASS
41	5.0	39675	2498.5	16QAM	1@24	see graph	PASS
41	5.0	39675	2498.5	16QAM	25@0	see graph	PASS
41	5.0	41565	2687.5	QPSK	1@0	see graph	PASS
41	5.0	41565	2687.5	QPSK	1@24	see graph	PASS
41	5.0	41565	2687.5	QPSK	25@0	see graph	PASS
41	5.0	41565	2687.5	16QAM	1@0	see graph	PASS
41	5.0	41565	2687.5	16QAM	1@24	see graph	PASS
41	5.0	41565	2687.5	16QAM	25@0	see graph	PASS
41	10.0	39700	2501.0	QPSK	1@0	see graph	PASS
41	10.0	39700	2501.0	QPSK	1@49	see graph	PASS
41	10.0	39700	2501.0	QPSK	50@0	see graph	PASS
41	10.0	39700	2501.0	16QAM	1@0	see graph	PASS
41	10.0	39700	2501.0	16QAM	1@49	see graph	PASS
41	10.0	39700	2501.0	16QAM	50@0	see graph	PASS
41	10.0	41540	2685.0	QPSK	1@0	see graph	PASS
41	10.0	41540	2685.0	QPSK	1@49	see graph	PASS
41	10.0	41540	2685.0	QPSK	50@0	see graph	PASS
41	10.0	41540	2685.0	16QAM	1@0	see graph	PASS
41	10.0	41540	2685.0	16QAM	1@49	see graph	PASS
41	10.0	41540	2685.0	16QAM	50@0	see graph	PASS
41	15.0	39725	2503.5	QPSK	1@0	see graph	PASS
41	15.0	39725	2503.5	QPSK	1@74	see graph	PASS
41	15.0	39725	2503.5	QPSK	75@0	see graph	PASS
41	15.0	39725	2503.5	16QAM	1@0	see graph	PASS
41	15.0	39725	2503.5	16QAM	1@74	see graph	PASS
41	15.0	39725	2503.5	16QAM	75@0	see graph	PASS
41	15.0	41515	2682.5	QPSK	1@0	see graph	PASS
41	15.0	41515	2682.5	QPSK	1@74	see graph	PASS
41	15.0	41515	2682.5	QPSK	75@0	see graph	PASS
41	15.0	41515	2682.5	16QAM	1@0	see graph	PASS
41	15.0	41515	2682.5	16QAM	1@74	see graph	PASS
41	15.0	41515	2682.5	16QAM	75@0	see graph	PASS
41	20.0	39750	2506.0	QPSK	1@0	see graph	PASS
41	20.0	39750	2506.0	QPSK	1@99	see graph	PASS
41	20.0	39750	2506.0	QPSK	100@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	1@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	1@99	see graph	PASS
41	20.0	39750	2506.0	16QAM	100@0	see graph	PASS
41	20.0	41490	2680.0	QPSK	1@0	see graph	PASS
41	20.0	41490	2680.0	QPSK	1@99	see graph	PASS
41	20.0	41490	2680.0	QPSK	100@0	see graph	PASS
41	20.0	41490	2680.0	16QAM	1@0	see graph	PASS
41	20.0	41490	2680.0	16QAM	1@99	see graph	PASS
41	20.0	41490	2680.0	16QAM	100@0	see graph	PASS



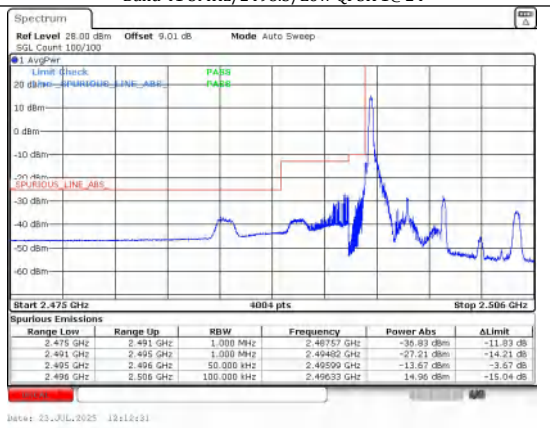
Band 41 5MHz/2498.5/Low QPSK 1@0



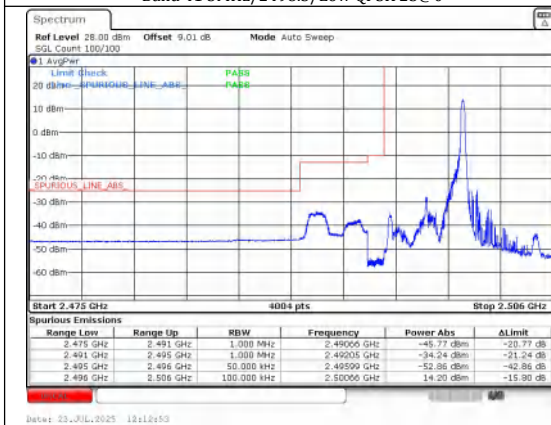
Band 41 5MHz/2498.5/Low QPSK 1@24



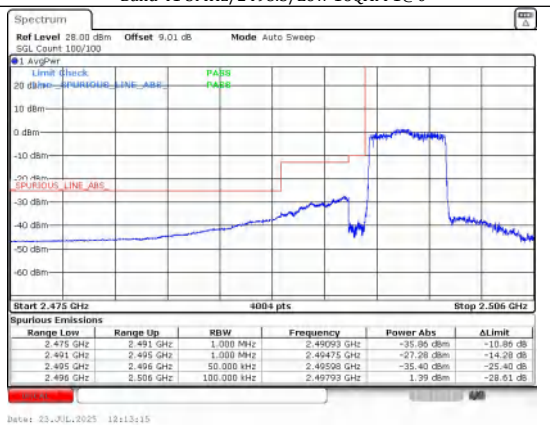
Band 41 5MHz/2498.5/Low QPSK 25@0



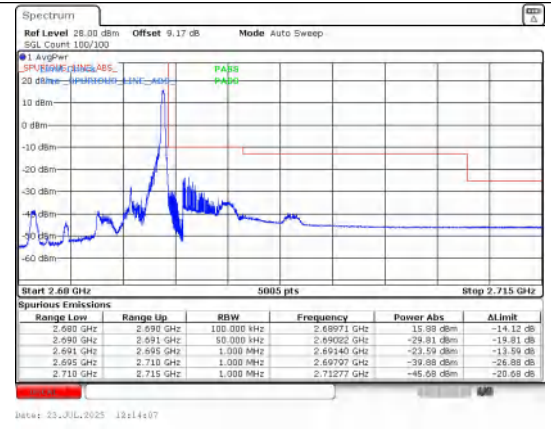
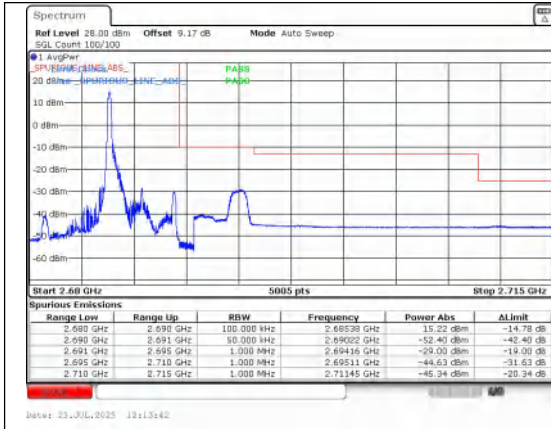
Band 41 5MHz/2498.5/Low 16QAM 1@0



Band 41 5MHz/2498.5/Low 16QAM 1@24

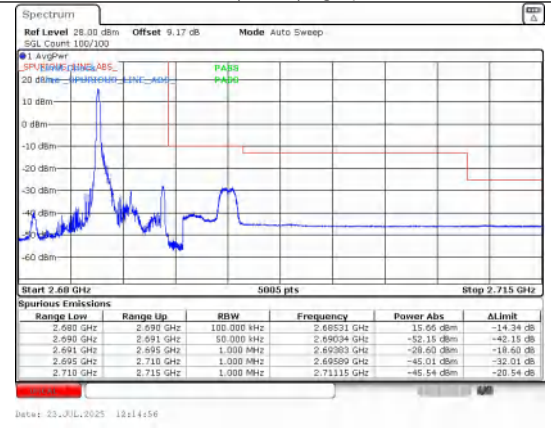
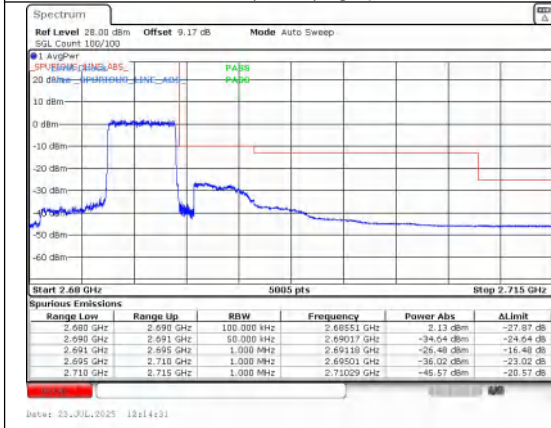


Band 41 5MHz/2498.5/Low 16QAM 25@0



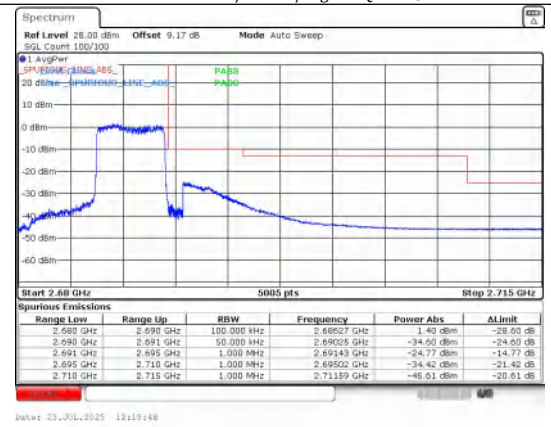
Band 41 5MHz/2687.5/High QPSK 1@0

Band 41 5MHz/2687.5/High QPSK 1@24



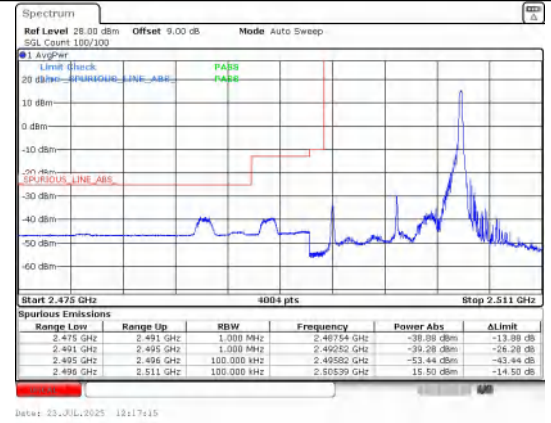
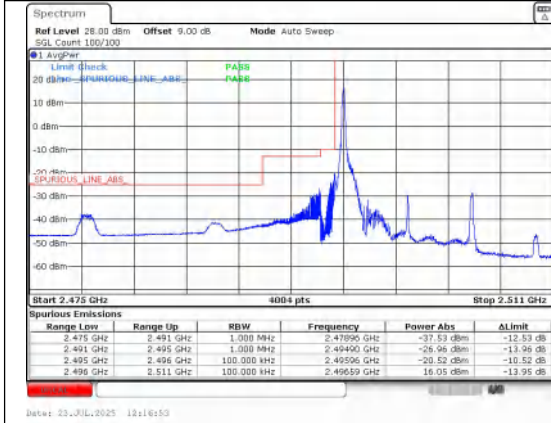
Band 41 5MHz/2687.5/High QPSK 25@0

Band 41 5MHz/2687.5/High 16QAM 1@0



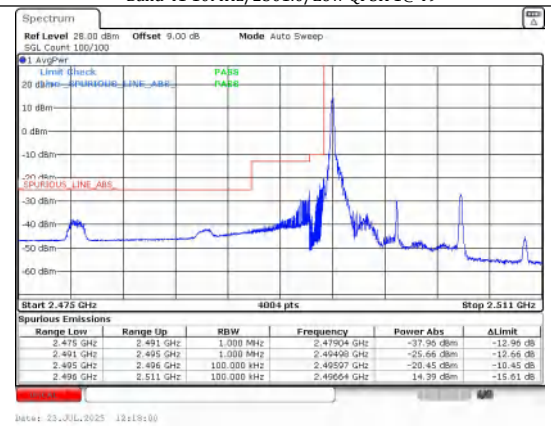
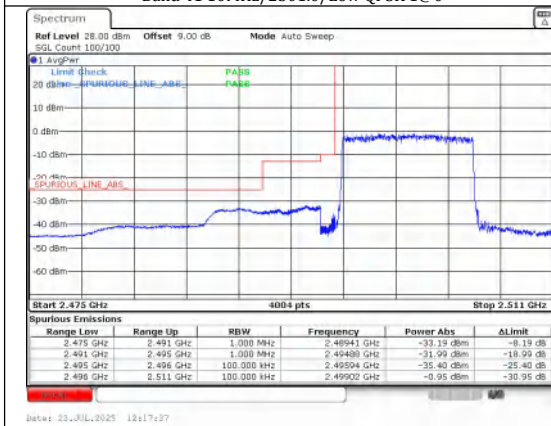
Band 41 5MHz/2687.5/High 16QAM 1@24

Band 41 5MHz/2687.5/High 16QAM 25@0



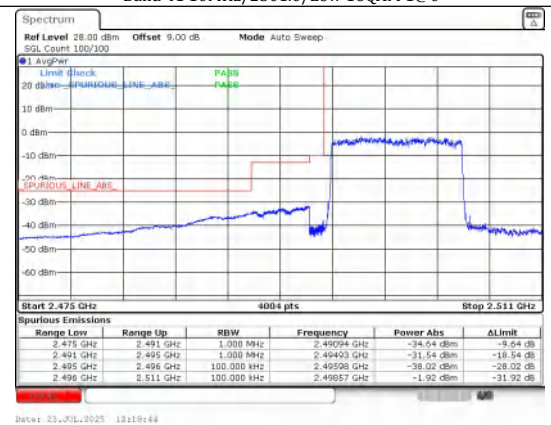
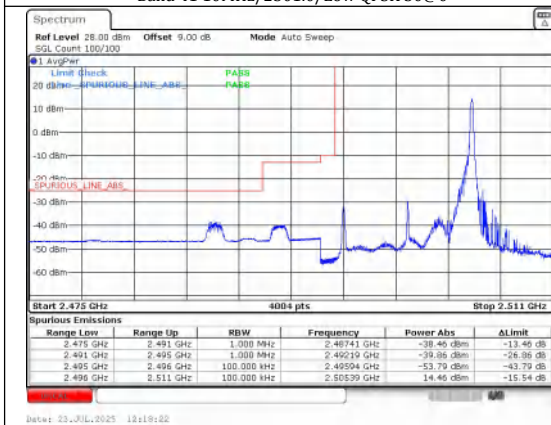
Band 41 10MHz/2501.0/Low QPSK 1@0

Band 41 10MHz/2501.0/Low QPSK 1@49



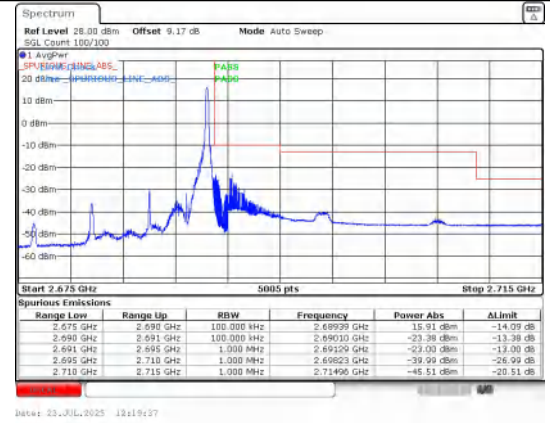
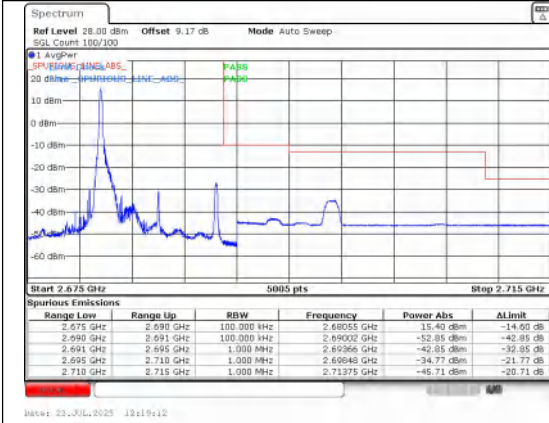
Band 41 10MHz/2501.0/Low QPSK 50@0

Band 41 10MHz/2501.0/Low 16QAM 1@0

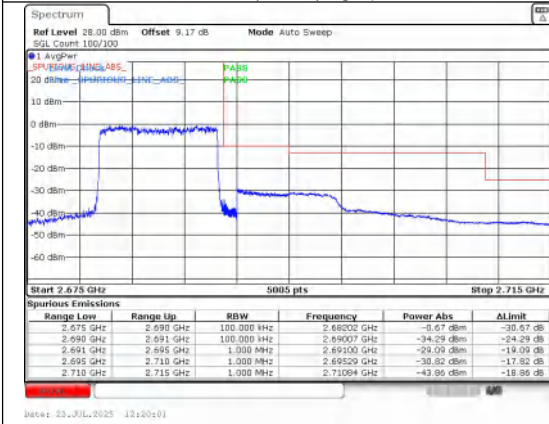


Band 41 10MHz/2501.0/Low 16QAM 1@49

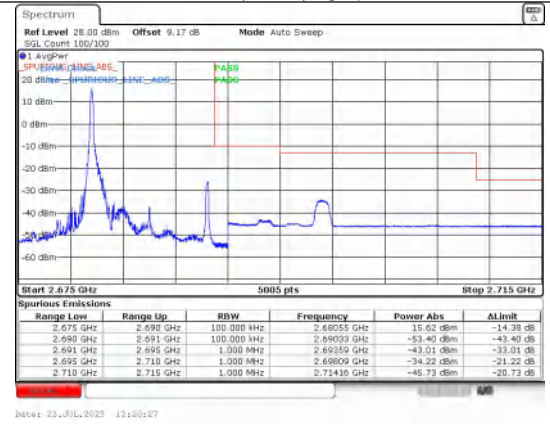
Band 41 10MHz/2501.0/Low 16QAM 50@0



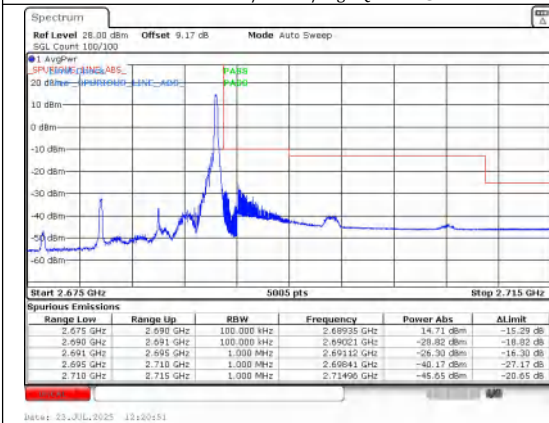
Band 41 10MHz/2685.0/High QPSK 1@0



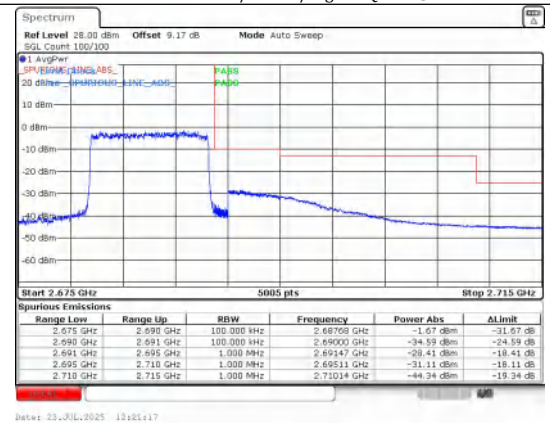
Band 41 10MHz/2685.0/High QPSK 1@49



Band 41 10MHz/2685.0/High QPSK 50@0

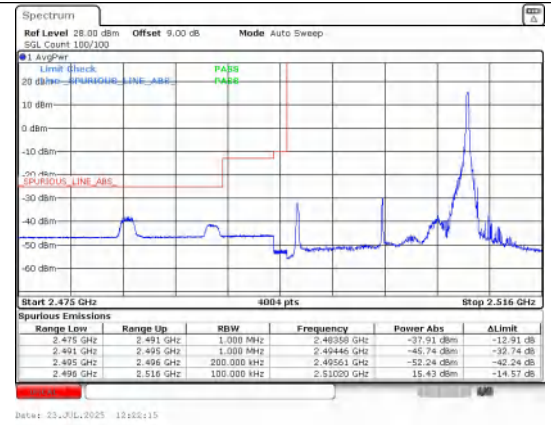
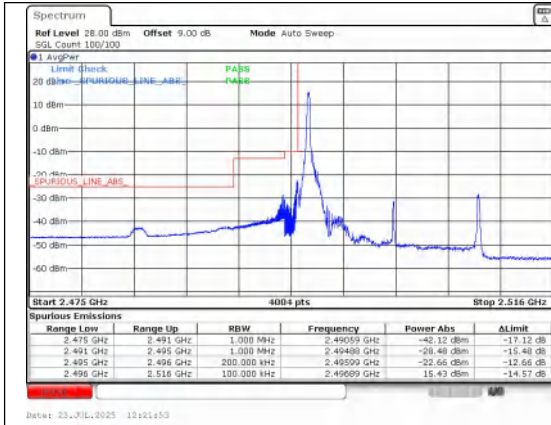


Band 41 10MHz/2685.0/High 16QAM 1@0

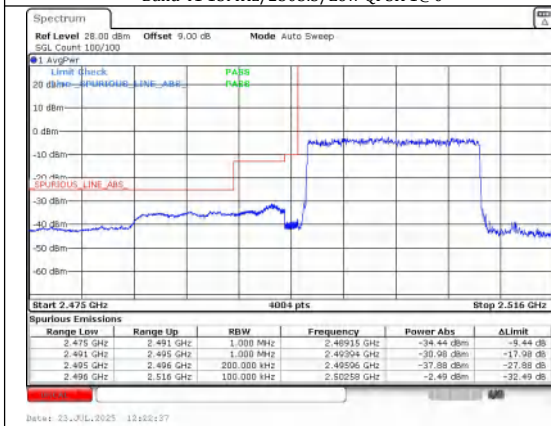


Band 41 10MHz/2685.0/High 16QAM 1@49

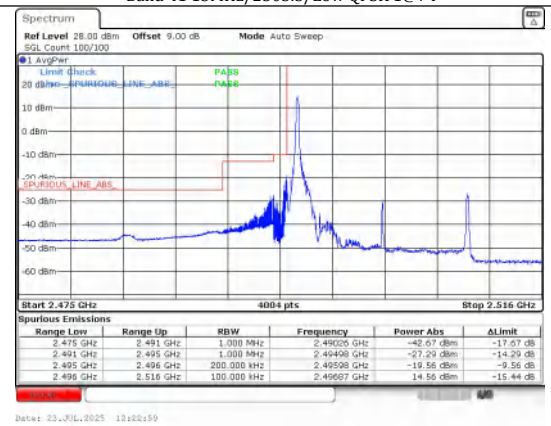
Band 41 10MHz/2685.0/High 16QAM 50@0



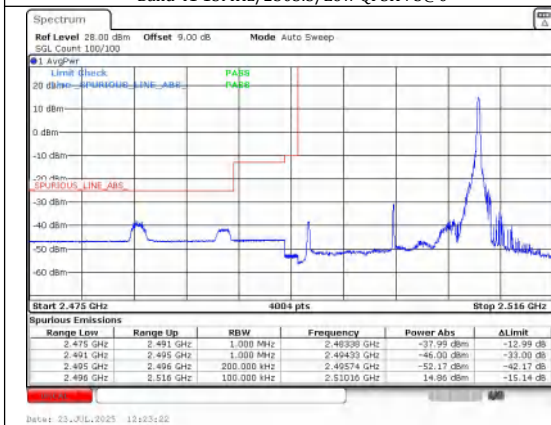
Band 41 15MHz/2503.5/Low QPSK 1@0



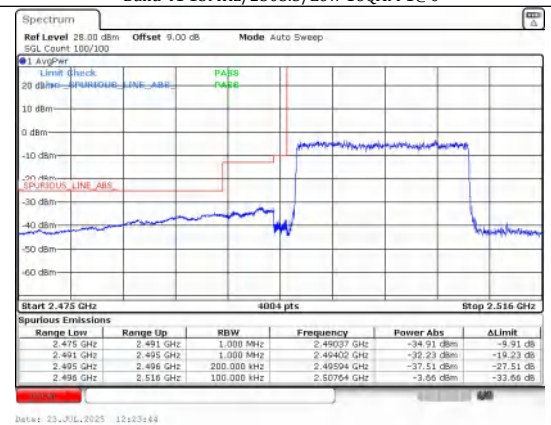
Band 41 15MHz/2503.5/Low QPSK 1@74



Band 41 15MHz/2503.5/Low QPSK 75@0

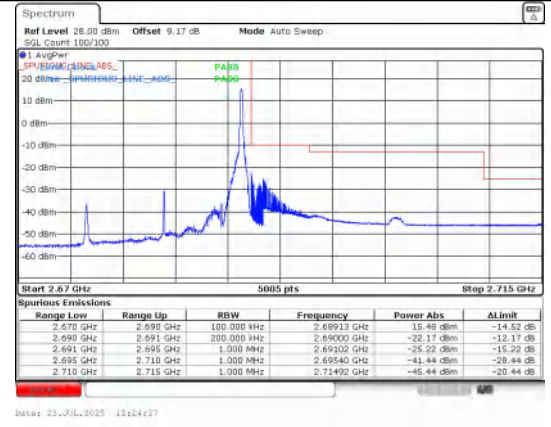
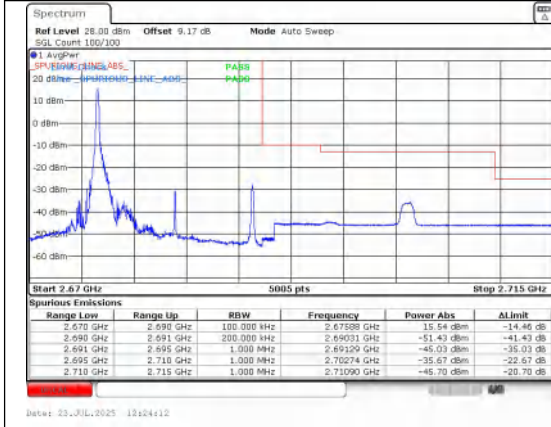


Band 41 15MHz/2503.5/Low 16QAM 1@0



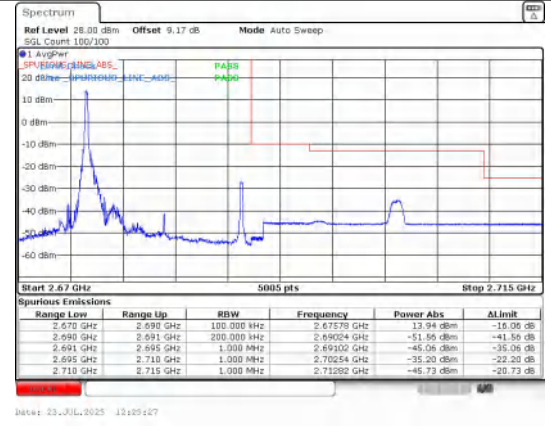
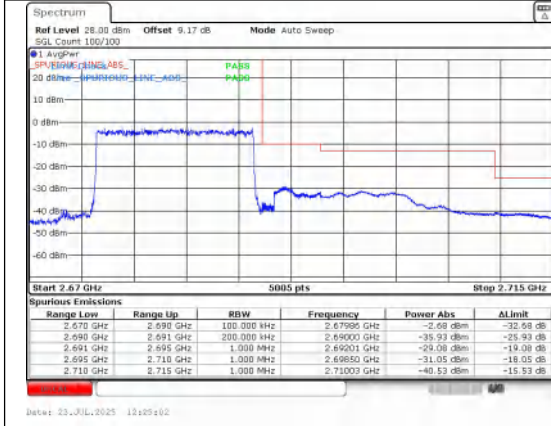
Band 41 15MHz/2503.5/Low 16QAM 1@74

Band 41 15MHz/2503.5/Low 16QAM 75@0



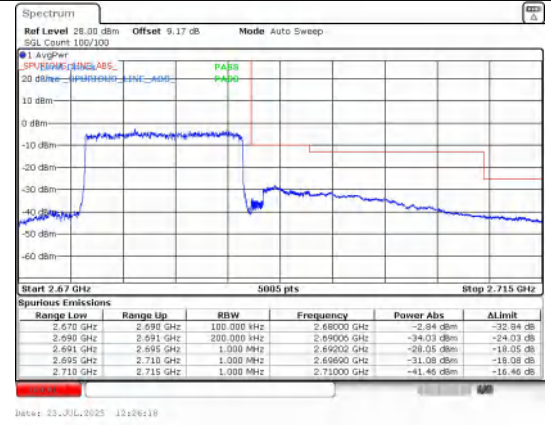
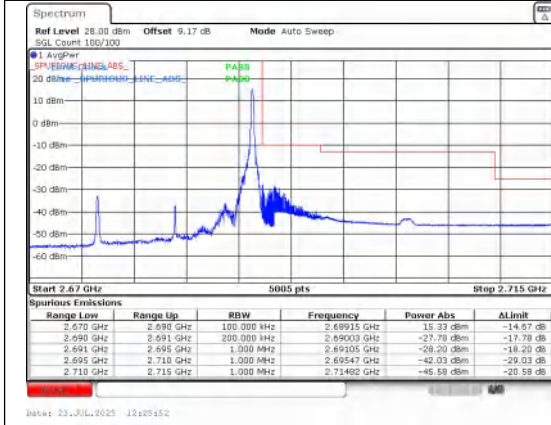
Band 41 15MHz/2682.5/High QPSK 1@0

Band 41 15MHz/2682.5/High QPSK 1@74



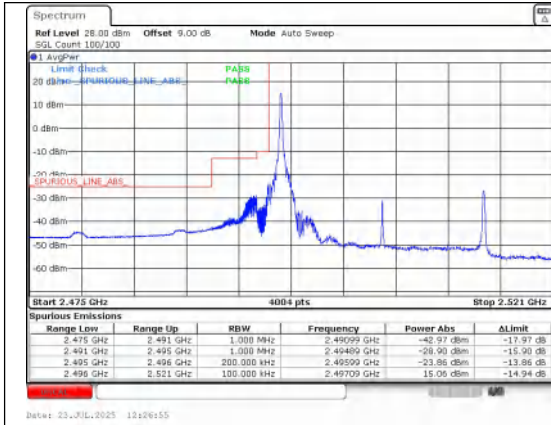
Band 41 15MHz/2682.5/High QPSK 75@0

Band 41 15MHz/2682.5/High 16QAM 1@0

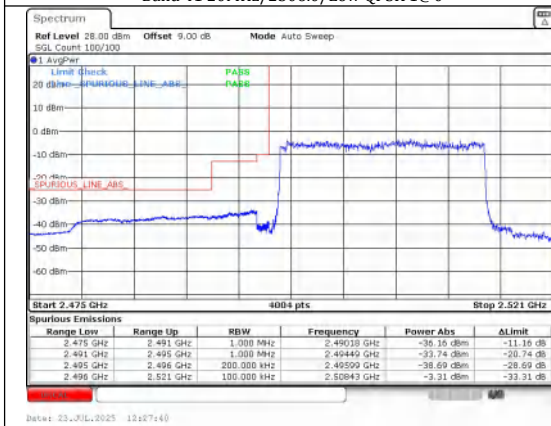


Band 41 15MHz/2682.5/High 16QAM 1@74

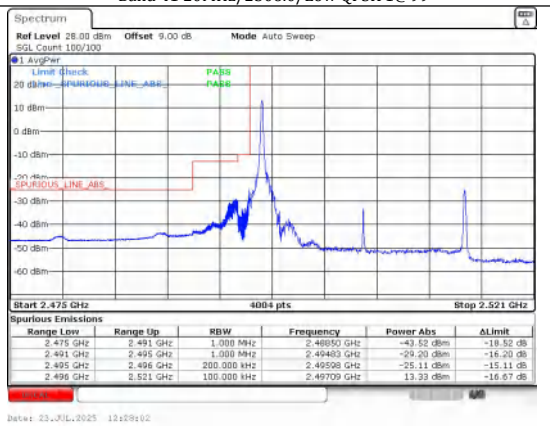
Band 41 15MHz/2682.5/High 16QAM 75@0



Band 41 20MHz/2506.0/Low QPSK 1@0

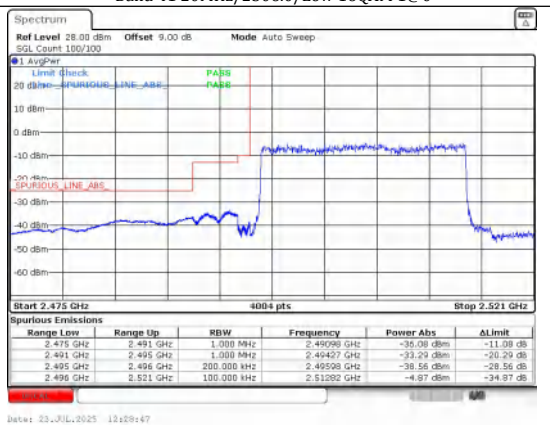
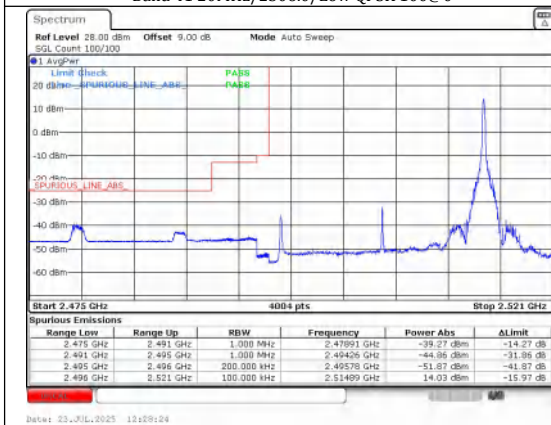


Band 41 20MHz/2506.0/Low QPSK 1@99



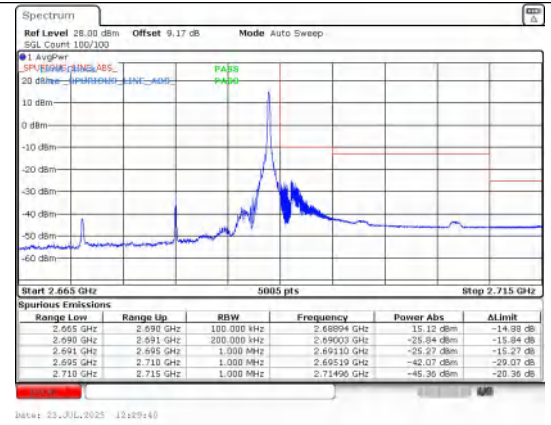
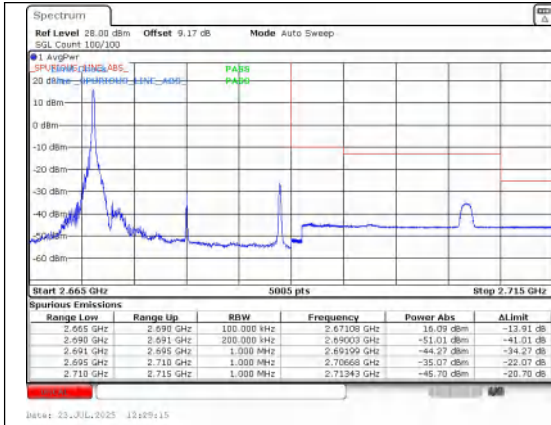
Band 41 20MHz/2506.0/Low QPSK 100@0

Band 41 20MHz/2506.0/Low 16QAM 1@0



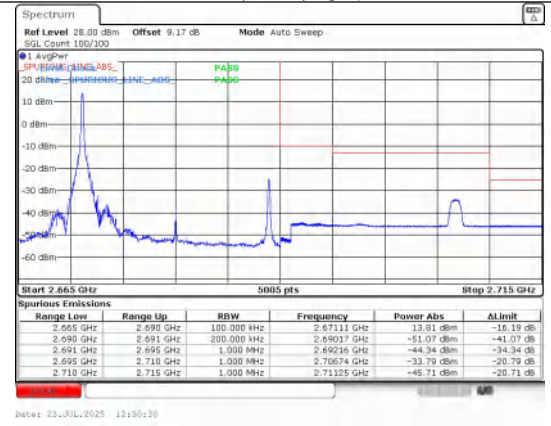
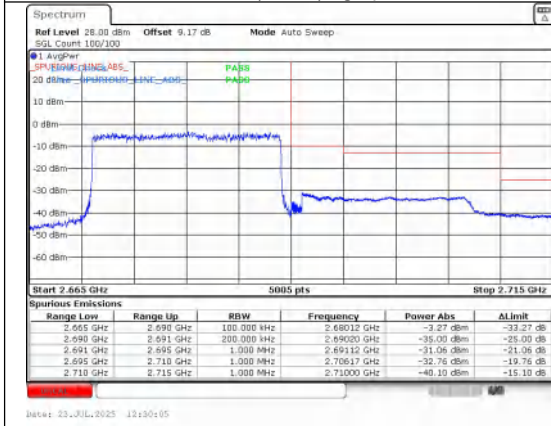
Band 41 20MHz/2506.0/Low 16QAM 1@99

Band 41 20MHz/2506.0/Low 16QAM 100@0



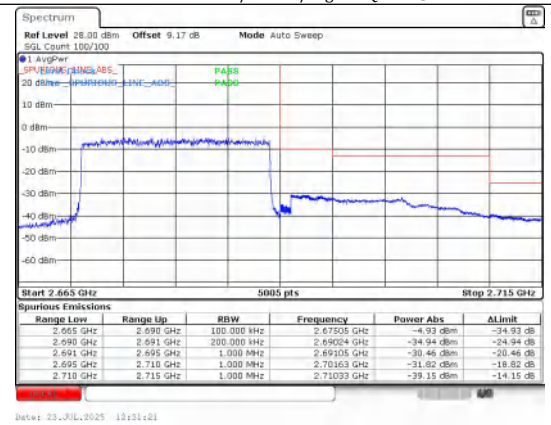
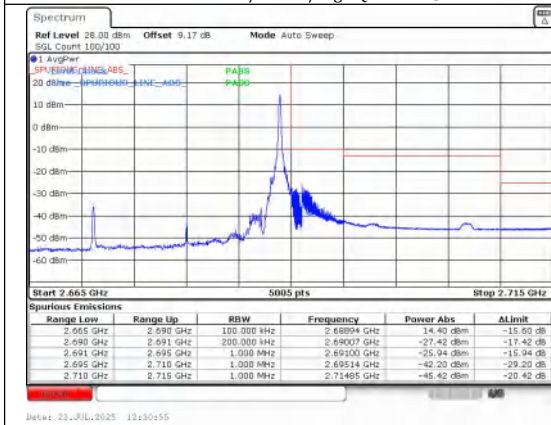
Band 41 20MHz/2680.0/High QPSK 1@0

Band 41 20MHz/2680.0/High QPSK 1@99



Band 41 20MHz/2680.0/High QPSK 100@0

Band 41 20MHz/2680.0/High 16QAM 1@0



Band 41 20MHz/2680.0/High 16QAM 1@99

Band 41 20MHz/2680.0/High 16QAM 100@0



C7.Modulation Characteristics

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Verdict
41	20.0	39750	2506.0	QPSK	100@0	PASS
41	20.0	39750	2506.0	16QAM	100@0	PASS
41	20.0	40620	2593.0	QPSK	100@0	PASS
41	20.0	40620	2593.0	16QAM	100@0	PASS
41	20.0	41490	2680.0	QPSK	100@0	PASS
41	20.0	41490	2680.0	16QAM	100@0	PASS

