

Appendix C for Conducted Spurious Emission-FCC WWAN BS

5G NR Test Data:

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
Single Carrier									
10	30	LCH	QPSK	0.009-0.15	-36.031	-30.011	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.803	-19.783	-13.00	-19.02	Pass
			QPSK	30-1000	-57.975	-51.955	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.238	-28.218	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.628	-15.608	-13.00	-19.02	Pass
		MCH	QPSK	26000-44000	-29.215	-23.195	-13.00	-19.02	Pass
			QPSK	0.009-0.15	-35.786	-29.766	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.865	-19.845	-13.00	-19.02	Pass
			QPSK	30-1000	-57.763	-51.743	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.014	-27.994	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.579	-15.559	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.033	-25.013	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.543	-29.523	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.283	-19.263	-13.00	-19.02	Pass
			QPSK	30-1000	-57.742	-51.722	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.682	-27.662	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.881	-15.861	-13.00	-19.02	Pass
15	30	LCH	QPSK	26000-44000	-31.111	-25.091	-13.00	-19.02	Pass
			QPSK	0.009-0.15	-35.742	-29.722	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.487	-19.467	-13.00	-19.02	Pass
			QPSK	30-1000	-57.762	-51.742	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.639	-27.619	-13.00	-19.02	Pass
		MCH	QPSK	12750-26000	-21.665	-15.645	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.224	-25.204	-13.00	-19.02	Pass
			QPSK	0.009-0.15	-35.990	-29.970	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.312	-19.292	-13.00	-19.02	Pass
			QPSK	30-1000	-56.971	-50.951	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.476	-28.456	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.817	-15.797	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.531	-25.511	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.977	-29.957	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.194	-19.174	-13.00	-19.02	Pass
			QPSK	30-1000	-56.840	-50.820	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.694	-27.674	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.949	-15.929	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.926	-25.906	-13.00	-19.02	Pass



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BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
Single Carrier									
20	30	LCH	QPSK	0.009-0.15	-35.750	-29.730	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.122	-19.102	-13.00	-19.02	Pass
			QPSK	30-1000	-57.735	-51.715	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.856	-27.836	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.954	-15.934	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.123	-26.103	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.860	-29.840	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.349	-19.329	-13.00	-19.02	Pass
			QPSK	30-1000	-57.150	-51.130	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.991	-27.971	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.779	-15.759	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.082	-26.062	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.690	-29.670	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.684	-19.664	-13.00	-19.02	Pass
			QPSK	30-1000	-54.257	-48.237	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.709	-27.689	-13.00	-19.02	Pass
			QPSK	12750-26000	-22.096	-16.076	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.948	-25.928	-13.00	-19.02	Pass
25	30	LCH	QPSK	0.009-0.15	-36.060	-30.040	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.665	-19.645	-13.00	-19.02	Pass
			QPSK	30-1000	-50.312	-44.292	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.405	-27.385	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.743	-15.723	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.607	-25.587	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.463	-29.443	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.730	-19.710	-13.00	-19.02	Pass
			QPSK	30-1000	-54.055	-48.035	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.248	-27.228	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.977	-15.957	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.083	-26.063	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.852	-29.832	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.909	-18.889	-13.00	-19.02	Pass
			QPSK	30-1000	-56.879	-50.859	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.120	-28.100	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.887	-15.867	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.213	-25.193	-13.00	-19.02	Pass



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BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
Single Carrier									
30	30	LCH	QPSK	0.009-0.15	-35.952	-29.932	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.823	-19.803	-13.00	-19.02	Pass
			QPSK	30-1000	-57.909	-51.889	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.215	-28.195	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.937	-15.917	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.502	-25.482	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.986	-29.966	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.549	-19.529	-13.00	-19.02	Pass
			QPSK	30-1000	-57.885	-51.865	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.642	-27.622	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.903	-15.883	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.377	-26.357	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-36.165	-30.145	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.484	-19.464	-13.00	-19.02	Pass
			QPSK	30-1000	-57.986	-51.966	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.550	-27.530	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.800	-15.780	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.006	-25.986	-13.00	-19.02	Pass
40	30	LCH	QPSK	0.009-0.15	-35.845	-29.825	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.612	-18.592	-13.00	-19.02	Pass
			QPSK	30-1000	-57.995	-51.975	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.905	-27.885	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.617	-15.597	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.502	-25.482	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.759	-29.739	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.025	-19.005	-13.00	-19.02	Pass
			QPSK	30-1000	-57.908	-51.888	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.110	-28.090	-13.00	-19.02	Pass
			QPSK	12750-26000	-22.047	-16.027	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.377	-26.357	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.744	-29.724	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.814	-19.794	-13.00	-19.02	Pass
			QPSK	30-1000	-57.962	-51.942	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.728	-27.708	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.540	-15.520	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.006	-25.986	-13.00	-19.02	Pass



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2 Carriers contiguous									
10+10	30	LCH	QPSK	0.009-0.15	-35.865	-29.845	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.374	-19.354	-13.00	-19.02	Pass
			QPSK	30-1000	-58.043	-52.023	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.009	-27.989	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.744	-15.724	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.738	-25.718	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.834	-29.814	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.165	-19.145	-13.00	-19.02	Pass
			QPSK	30-1000	-57.955	-51.935	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.643	-27.623	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.913	-15.893	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.227	-26.207	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.910	-29.890	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.964	-19.944	-13.00	-19.02	Pass
			QPSK	30-1000	-58.015	-51.995	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.453	-27.433	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.987	-15.967	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.091	-26.071	-13.00	-19.02	Pass
20+20	30	LCH	QPSK	0.009-0.15	-35.956	-29.936	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.941	-18.921	-13.00	-19.02	Pass
			QPSK	30-1000	-58.028	-52.008	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.834	-27.814	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.861	-15.841	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.928	-25.908	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.960	-29.940	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.404	-18.384	-13.00	-19.02	Pass
			QPSK	30-1000	-57.975	-51.955	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.003	-27.983	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.865	-15.845	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.124	-26.104	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.680	-29.660	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.817	-18.797	-13.00	-19.02	Pass
			QPSK	30-1000	-58.014	-51.994	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.038	-28.018	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.973	-15.953	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.849	-25.829	-13.00	-19.02	Pass



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3 Carriers contiguous									
10+10+10	30	LCH	QPSK	0.009-0.15	-35.892	-29.872	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.112	-19.092	-13.00	-19.02	Pass
			QPSK	30-1000	-48.141	-42.121	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.868	-27.848	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.892	-15.872	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.450	-26.430	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.910	-29.890	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.526	-19.506	-13.00	-19.02	Pass
			QPSK	30-1000	-58.051	-52.031	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.693	-27.673	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.862	-15.842	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.186	-26.166	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.804	-29.784	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.054	-20.034	-13.00	-19.02	Pass
			QPSK	30-1000	-57.982	-51.962	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.698	-27.678	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.858	-15.838	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.131	-26.111	-13.00	-19.02	Pass

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
4 Carriers contiguous									
10+10+10+10	30	LCH	QPSK	0.009-0.15	-35.695	-29.675	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.845	-19.825	-13.00	-19.02	Pass
			QPSK	30-1000	-58.038	-52.018	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.323	-27.303	-13.00	-19.02	Pass
			QPSK	12750-26000	-22.076	-16.056	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.377	-26.357	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-36.111	-30.091	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.312	-19.292	-13.00	-19.02	Pass
			QPSK	30-1000	-57.990	-51.970	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.849	-27.829	-13.00	-19.02	Pass
			QPSK	12750-26000	-22.145	-16.125	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.125	-26.105	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.635	-29.615	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.050	-20.030	-13.00	-19.02	Pass
			QPSK	30-1000	-57.964	-51.944	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.595	-27.575	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.799	-15.779	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.159	-26.139	-13.00	-19.02	Pass



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BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
5 Carriers contiguous									
10+10+10+10+10	30	LCH	QPSK	0.009-0.15	-35.979	-29.959	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.674	-20.654	-13.00	-19.02	Pass
			QPSK	30-1000	-55.123	-49.103	-13.00	-19.02	Pass
			QPSK	1000-12750	-34.116	-28.096	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.786	-15.766	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.403	-26.383	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.907	-29.887	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.697	-19.677	-13.00	-19.02	Pass
			QPSK	30-1000	-58.012	-51.992	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.316	-27.296	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.853	-15.833	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.200	-26.180	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-35.810	-29.790	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.536	-19.516	-13.00	-19.02	Pass
			QPSK	30-1000	-58.031	-52.011	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.486	-27.466	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.797	-15.777	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.204	-26.184	-13.00	-19.02	Pass

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
6 Carriers contiguous									
10+10+10+10+10+10	30	LCH	QPSK	0.009-0.15	-35.853	-29.833	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.301	-19.281	-13.00	-19.02	Pass
			QPSK	30-1000	-58.059	-52.039	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.850	-27.830	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.766	-15.746	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.737	-25.717	-13.00	-19.02	Pass
		MCH	QPSK	0.009-0.15	-35.857	-29.837	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.643	-19.623	-13.00	-19.02	Pass
			QPSK	30-1000	-57.989	-51.969	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.932	-27.912	-13.00	-19.02	Pass
			QPSK	12750-26000	-33.824	-27.804	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.701	-25.681	-13.00	-19.02	Pass
		HCH	QPSK	0.009-0.15	-36.085	-30.065	-13.00	-19.02	Pass
			QPSK	0.15-30	-24.553	-18.533	-13.00	-19.02	Pass
			QPSK	30-1000	-57.876	-51.856	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.527	-27.507	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.835	-15.815	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.202	-26.182	-13.00	-19.02	Pass



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BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
2 Carriers Non-contiguous									
10+10	30	1930+1990	QPSK	0.009-0.15	-36.001	-29.981	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.084	-20.064	-13.00	-19.02	Pass
			QPSK	30-1000	-57.894	-51.874	-13.00	-19.02	Pass
			QPSK	1000-12750	-28.161	-22.141	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.794	-15.774	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.477	-25.457	-13.00	-19.02	Pass
20+20		1940+1985	QPSK	0.009-0.15	-35.999	-29.979	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.097	-20.077	-13.00	-19.02	Pass
			QPSK	30-1000	-58.009	-51.989	-13.00	-19.02	Pass
			QPSK	1000-12750	-32.389	-26.369	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.777	-15.757	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.947	-25.927	-13.00	-19.02	Pass

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
3 Carriers Non-contiguous									
10+10+10	30	1935+1962.5+1990	QPSK	0.009-0.15	-35.399	-29.379	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.768	-19.748	-13.00	-19.02	Pass
			QPSK	30-1000	-57.974	-51.954	-13.00	-19.02	Pass
			QPSK	1000-12750	-31.653	-25.633	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.905	-15.885	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.592	-26.572	-13.00	-19.02	Pass

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
4 Carriers Non-contiguous									
10+10+10+10	30	1935+1953+1972+1980	QPSK	0.009-0.15	-35.723	-29.703	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.046	-19.026	-13.00	-19.02	Pass
			QPSK	30-1000	-57.932	-51.912	-13.00	-19.02	Pass
			QPSK	1000-12750	-28.443	-22.423	-13.00	-19.02	Pass
			QPSK	12750-26000	-22.022	-16.002	-13.00	-19.02	Pass
			QPSK	26000-44000	-32.267	-26.247	-13.00	-19.02	Pass



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BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
5 Carriers Non-contiguous									
10+10+10+10+10	30	1935+1949+1963+1977+1990	QPSK	0.009-0.15	-36.281	-30.261	-13.00	-19.02	Pass
			QPSK	0.15-30	-26.225	-20.205	-13.00	-19.02	Pass
			QPSK	30-1000	-58.054	-52.034	-13.00	-19.02	Pass
			QPSK	1000-12750	-31.820	-25.800	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.995	-15.975	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.814	-25.794	-13.00	-19.02	Pass

BW Arrange (MHz)	SCS (KHz)	Frequency (MHz)	Modulation	Frequency Range (MHz)	Result for SISO (dBm)	Result for 4*4 MIMO (dBm)	Limit for SISO (dBm)	Limit for 4*4 MIMO (dBm)	Verdict
6 Carriers Non-contiguous									
10+10+10+10+10+10	30	1935+1946+1957+1968+1979+1990	QPSK	0.009-0.15	-36.089	-30.069	-13.00	-19.02	Pass
			QPSK	0.15-30	-25.598	-19.578	-13.00	-19.02	Pass
			QPSK	30-1000	-58.101	-52.081	-13.00	-19.02	Pass
			QPSK	1000-12750	-33.417	-27.397	-13.00	-19.02	Pass
			QPSK	12750-26000	-21.987	-15.967	-13.00	-19.02	Pass
			QPSK	26000-44000	-31.452	-25.432	-13.00	-19.02	Pass

Note 1: The test results of QPSK/16QAM/64QAM/256QAM and SCS configurations were evaluated, The EUT supports SISO and MIMO working mode. Each antenna can be used as SISO working port. since we only presented the results of a test port of the worst, so we subtract the limit 10 * log (4) for 4*4 MIMO mode.

Note 2: All the test frequency points below the -19.02dBm, Meet the test requirements.

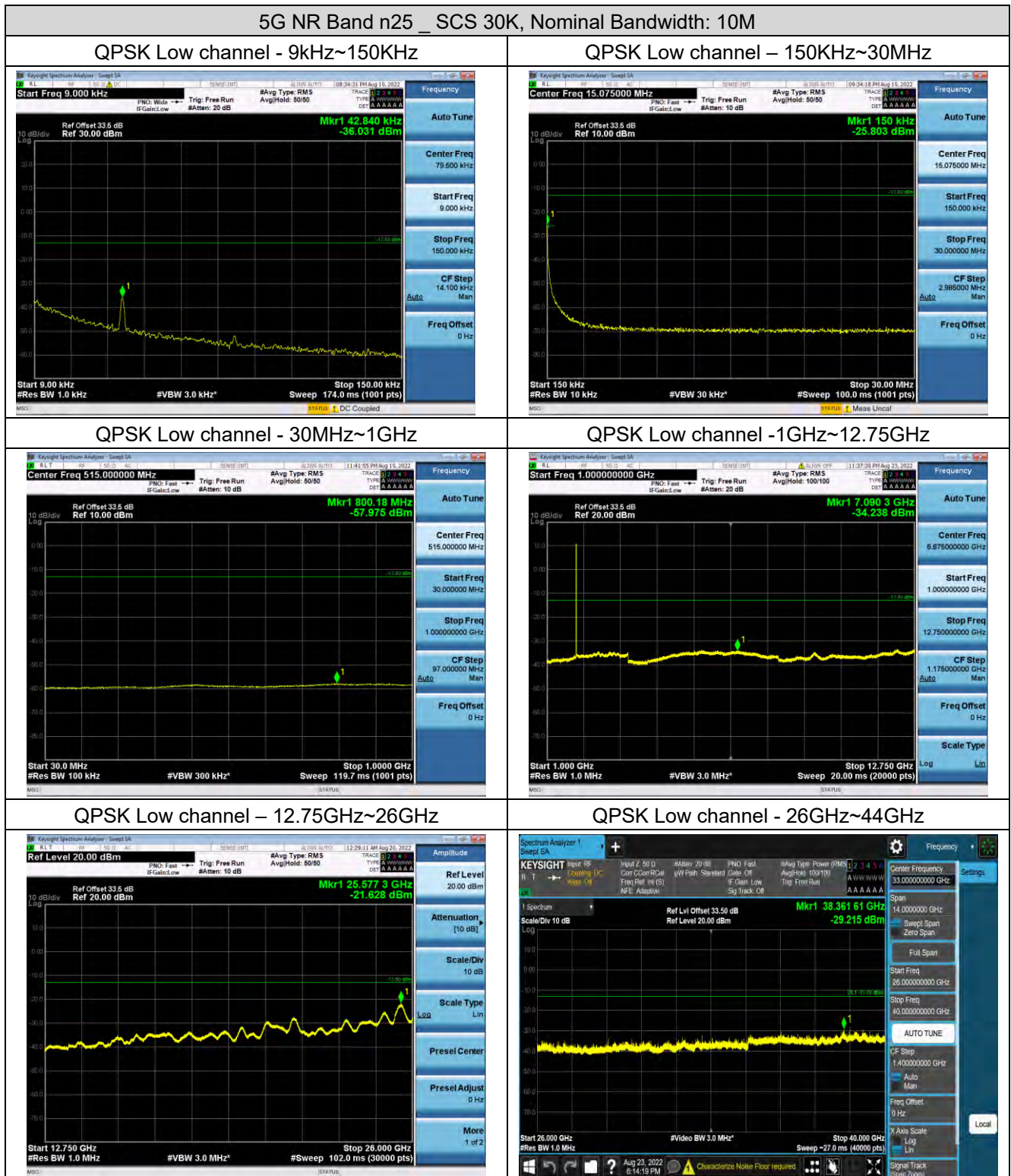


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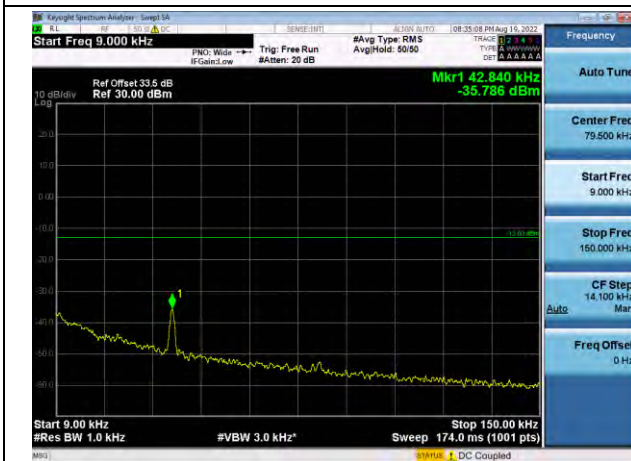
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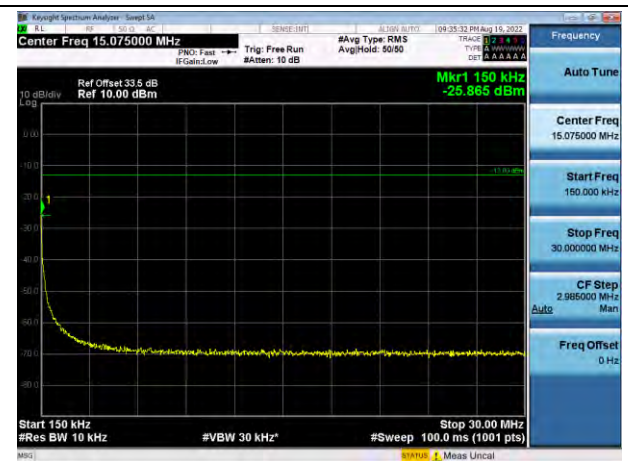
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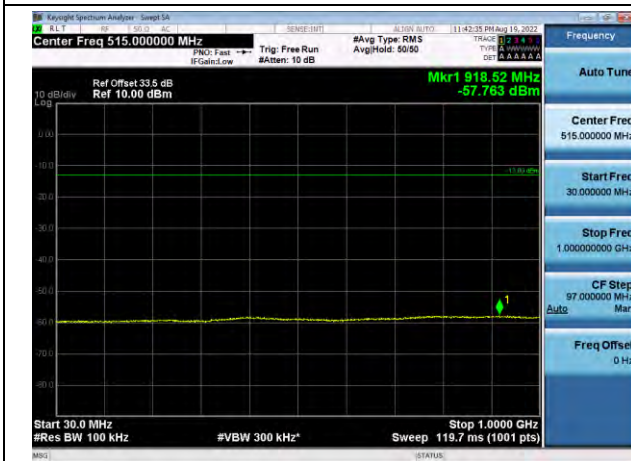
QPSK Middle channel - 9kHz~150KHz



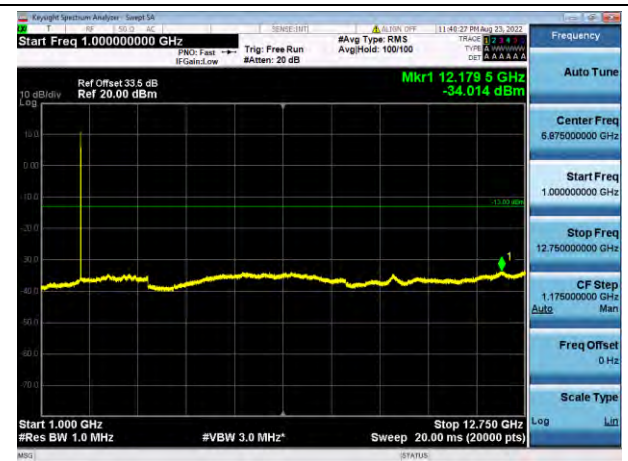
QPSK Middle channel - 150KHz~30MHz



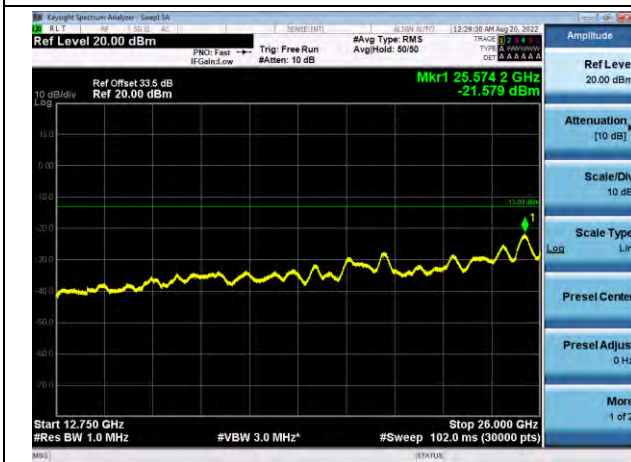
QPSK Middle channel - 30MHz~1GHz



QPSK Middle channel - 1GHz~12.75GHz



QPSK Middle channel - 12.75GHz~26GHz



QPSK Middle channel - 26GHz~44GHz

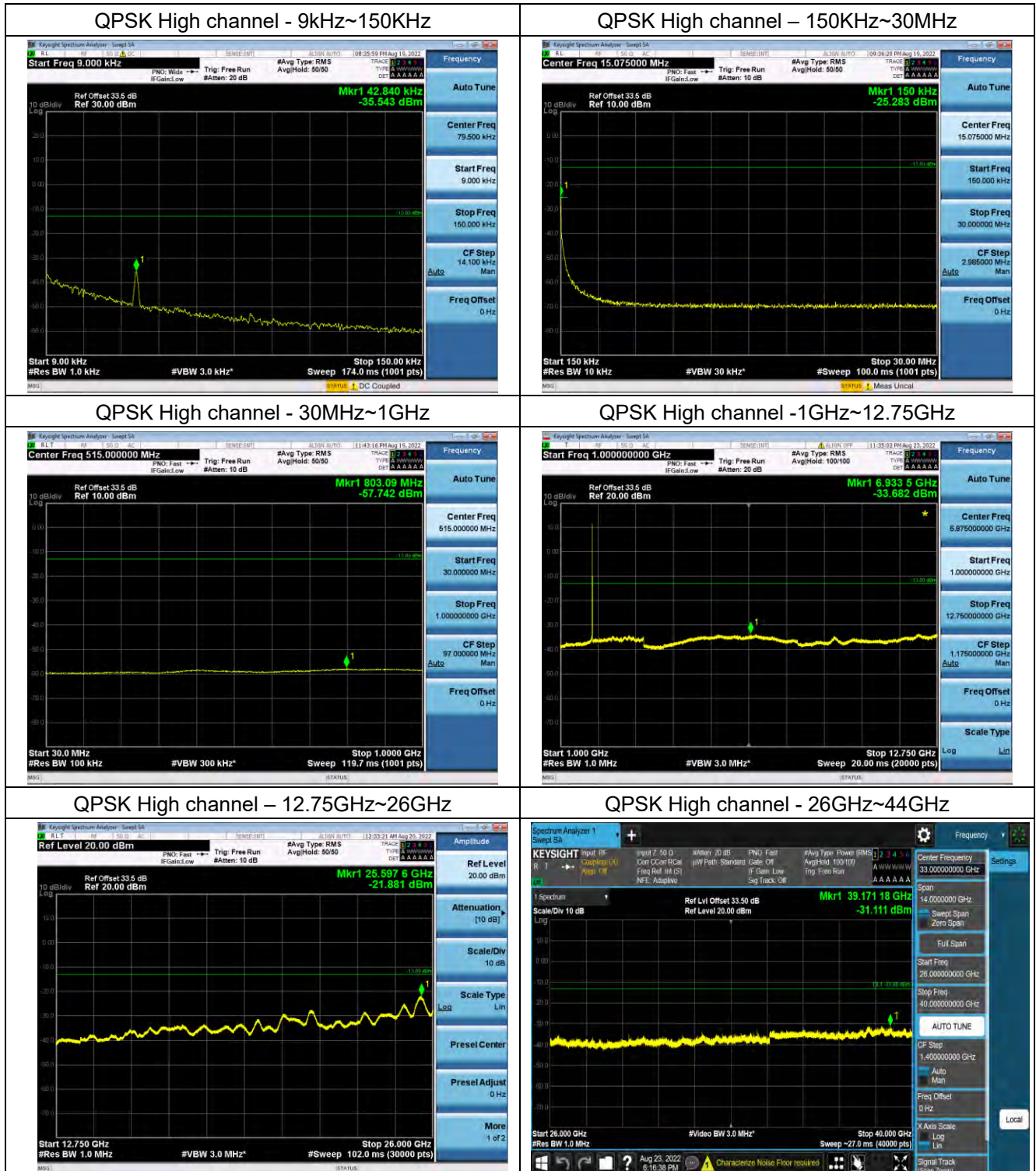


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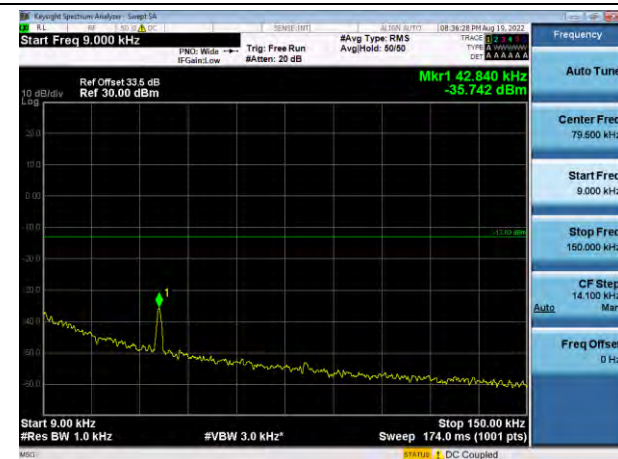
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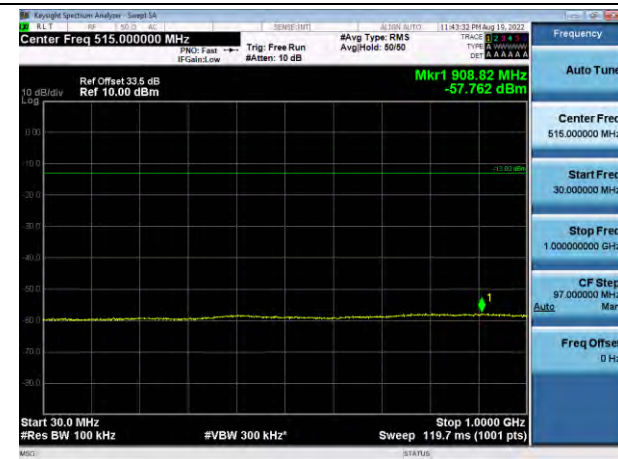
QPSK Low channel - 9kHz~150KHz



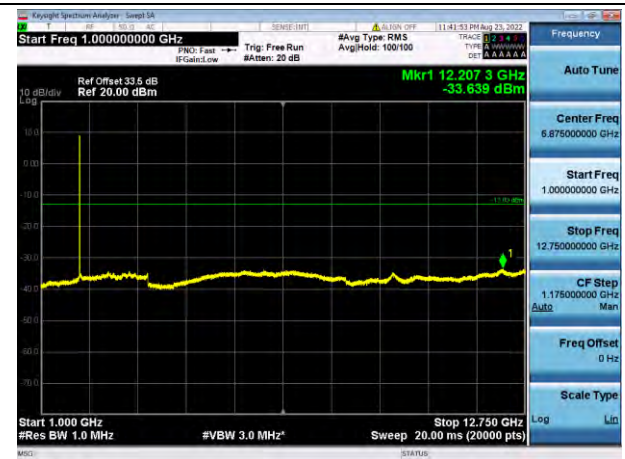
QPSK Low channel - 150KHz~30MHz



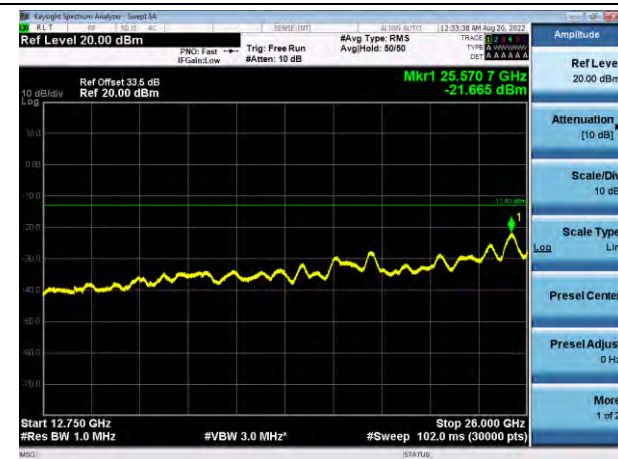
QPSK Low channel - 30MHz~1GHz



QPSK Low channel - 1GHz~12.75GHz



QPSK Low channel - 12.75GHz~26GHz



QPSK Low channel - 26GHz~44GHz

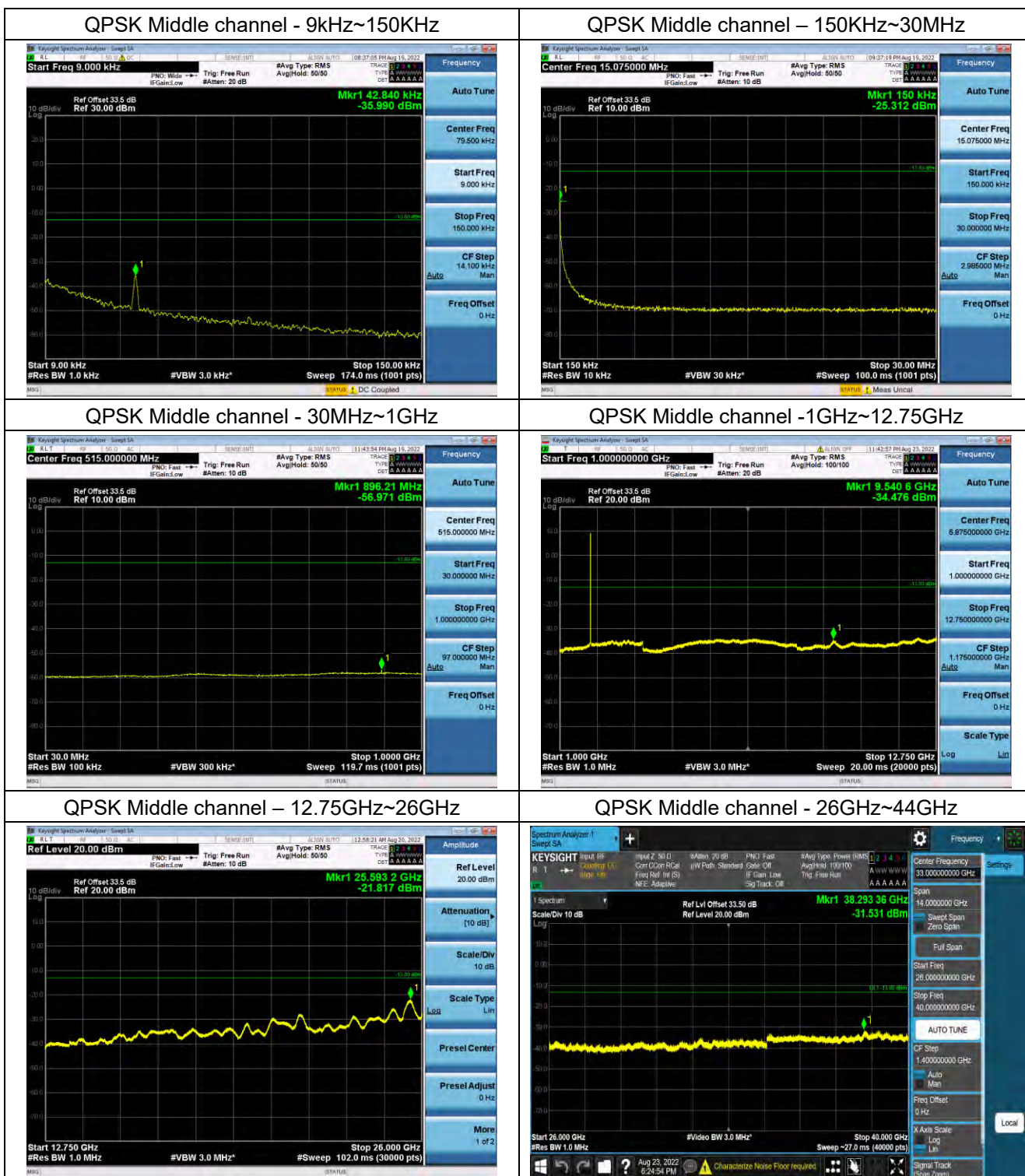


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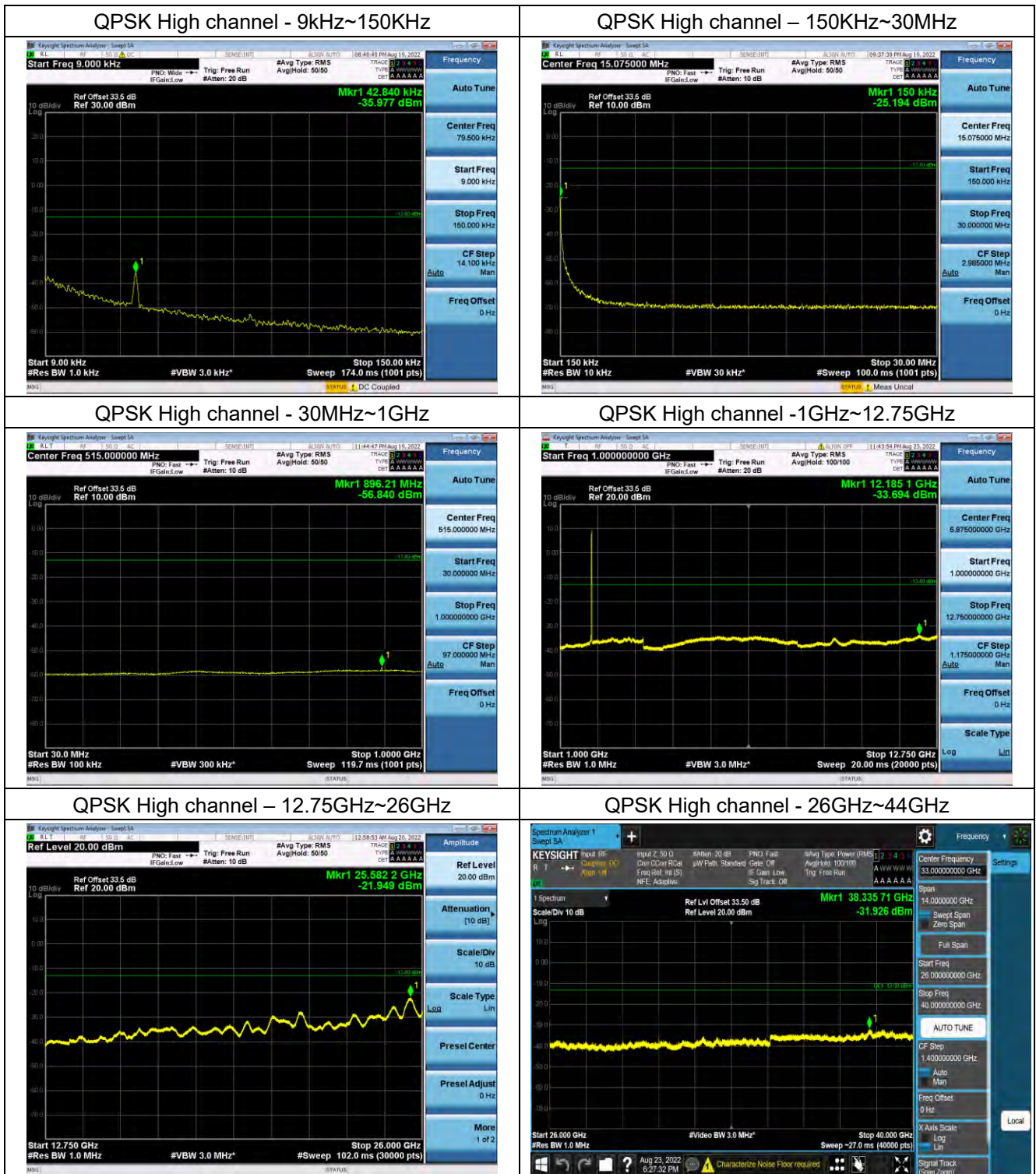


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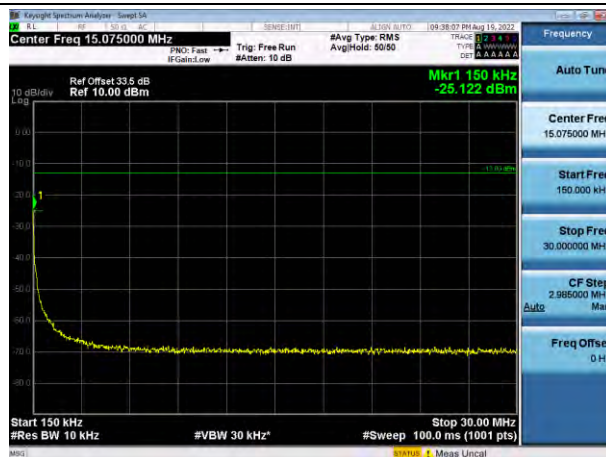
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5G NR Band n25 _ SCS 30K, Nominal Bandwidth: 20M

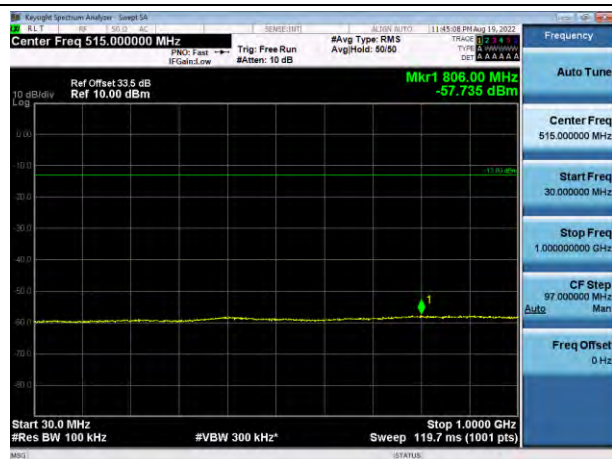
QPSK Low channel - 9kHz~150KHz



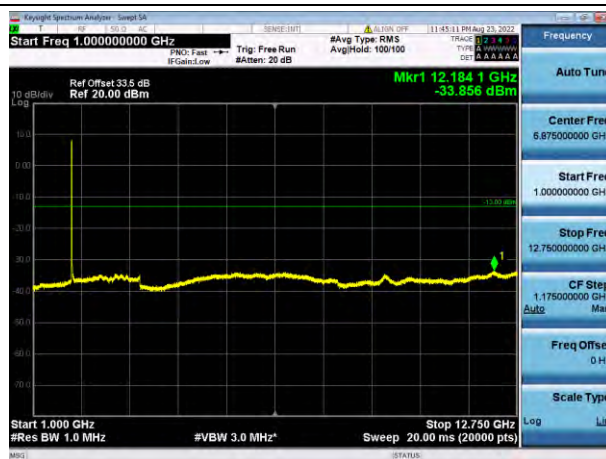
QPSK Low channel - 150KHz~30MHz



QPSK Low channel - 30MHz~1GHz



QPSK Low channel - 1GHz~12.75GHz



QPSK Low channel - 12.75GHz~26GHz



QPSK Low channel - 26GHz~44GHz

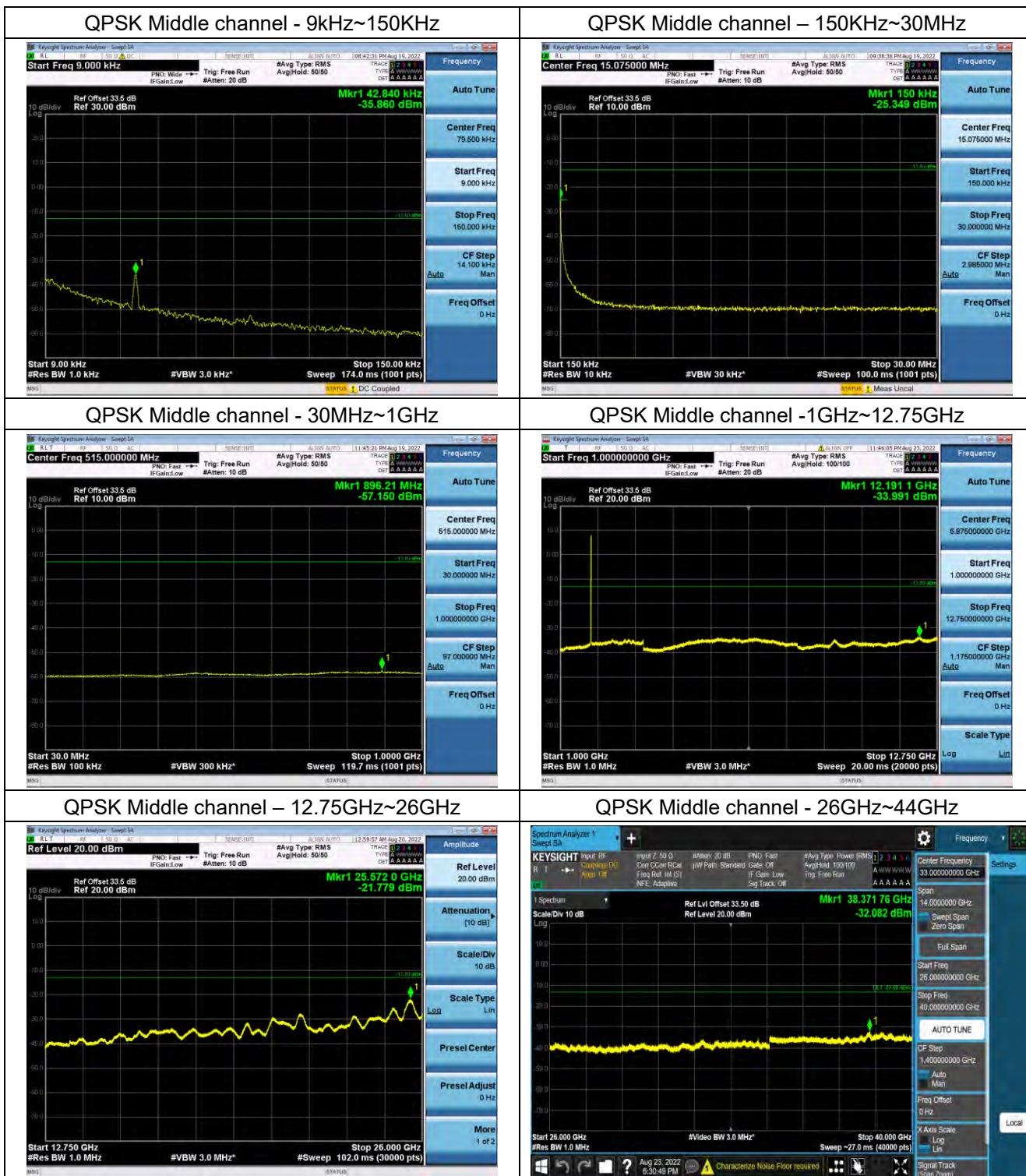


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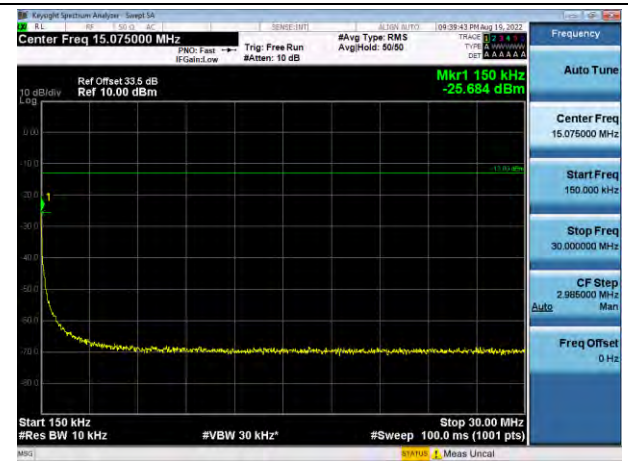
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QPSK High channel - 9kHz~150KHz



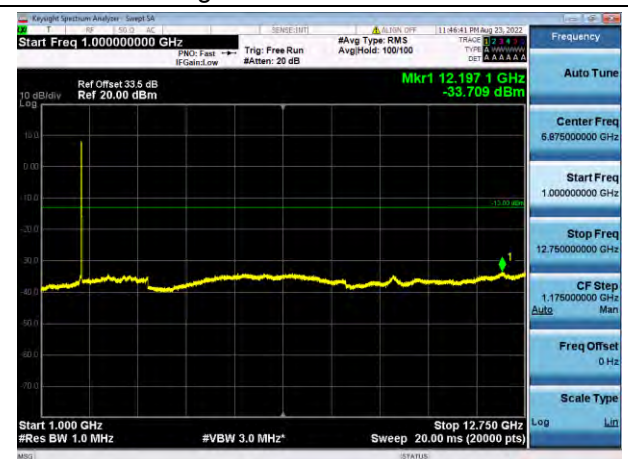
QPSK High channel - 150KHz~30MHz



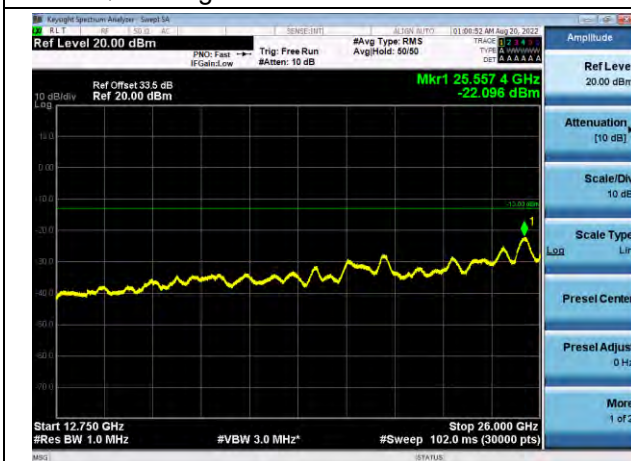
QPSK High channel - 30MHz~1GHz



QPSK High channel - 1GHz~12.75GHz



QPSK High channel - 12.75GHz~26GHz



QPSK High channel - 26GHz~44GHz



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5G NR Band n25 _ SCS 30K, Nominal Bandwidth: 25M

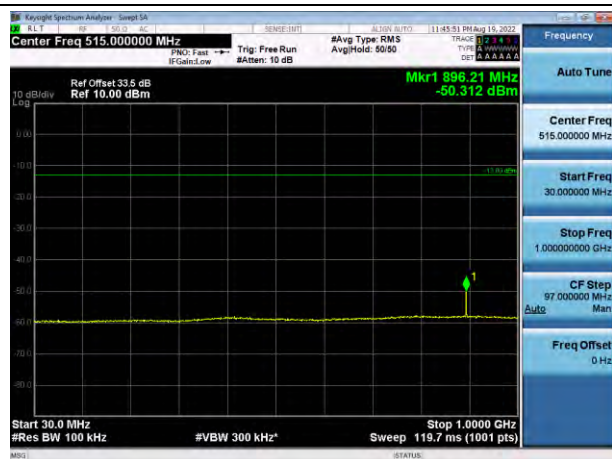
QPSK Low channel - 9kHz~150KHz



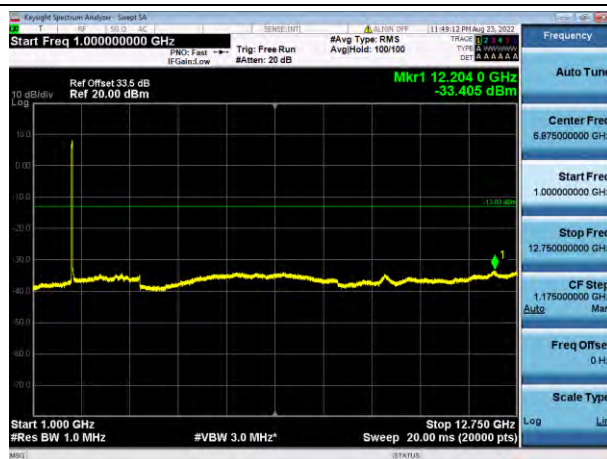
QPSK Low channel - 150KHz~30MHz



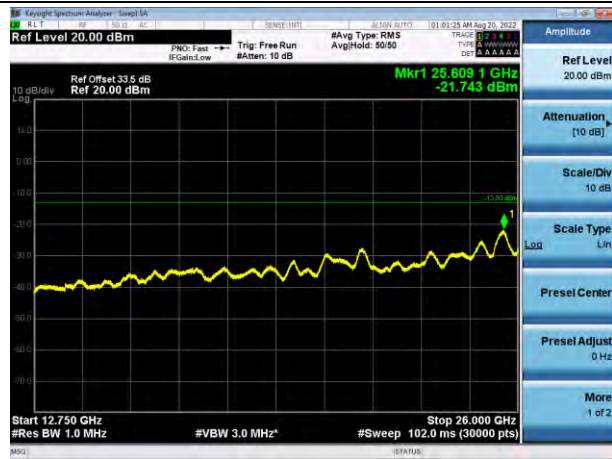
QPSK Low channel - 30MHz~1GHz



QPSK Low channel - 1GHz~12.75GHz



QPSK Low channel - 12.75GHz~26GHz



QPSK Low channel - 26GHz~44GHz



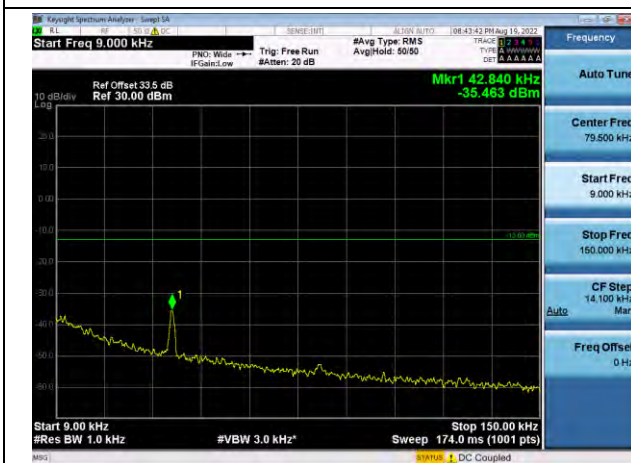
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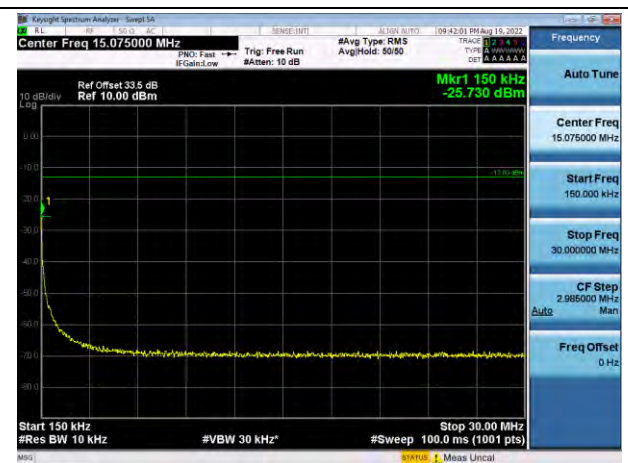
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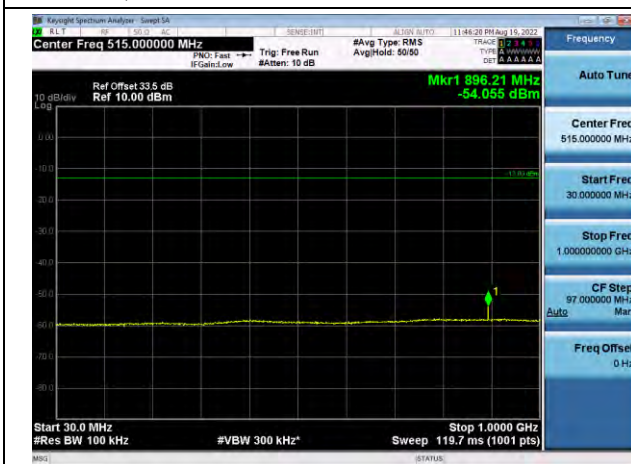
QPSK Middle channel - 9kHz~150KHz



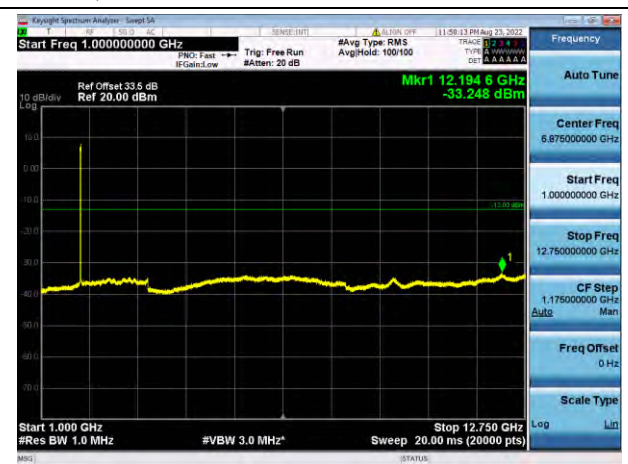
QPSK Middle channel - 150KHz~30MHz



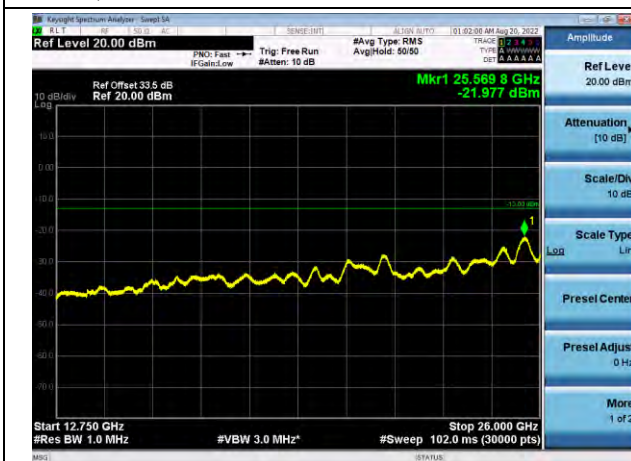
QPSK Middle channel - 30MHz~1GHz



QPSK Middle channel - 1GHz~12.75GHz



QPSK Middle channel - 12.75GHz~26GHz



QPSK Middle channel - 26GHz~44GHz



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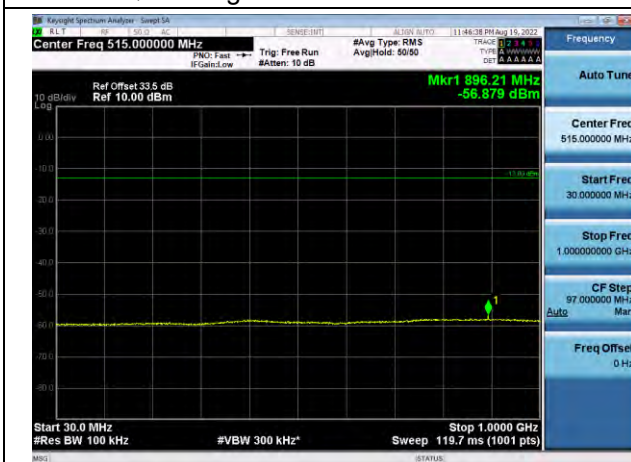
QPSK High channel - 9kHz~150KHz



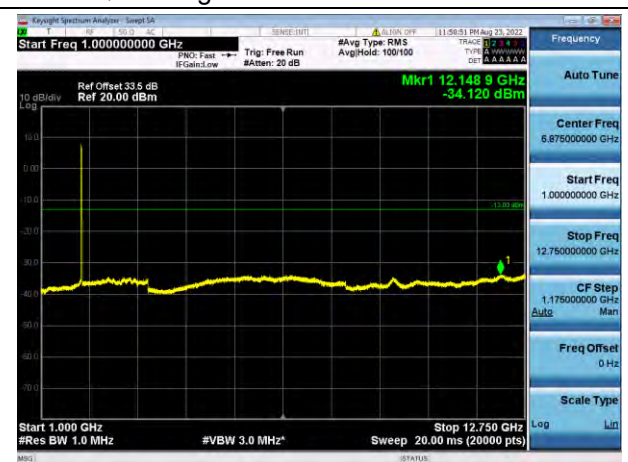
QPSK High channel - 150KHz~30MHz



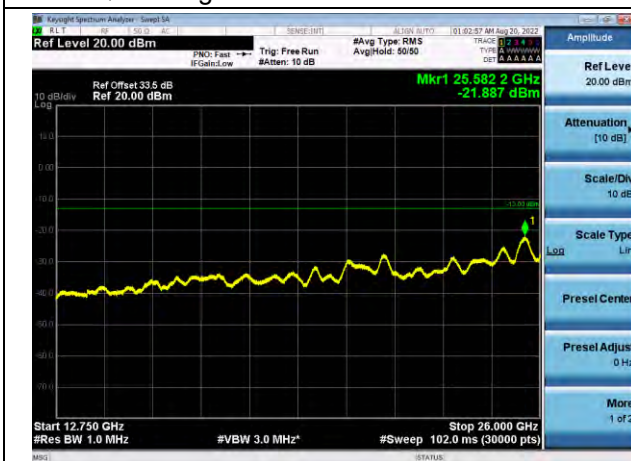
QPSK High channel - 30MHz~1GHz



QPSK High channel - 1GHz~12.75GHz



QPSK High channel - 12.75GHz~26GHz



QPSK High channel - 26GHz~44GHz



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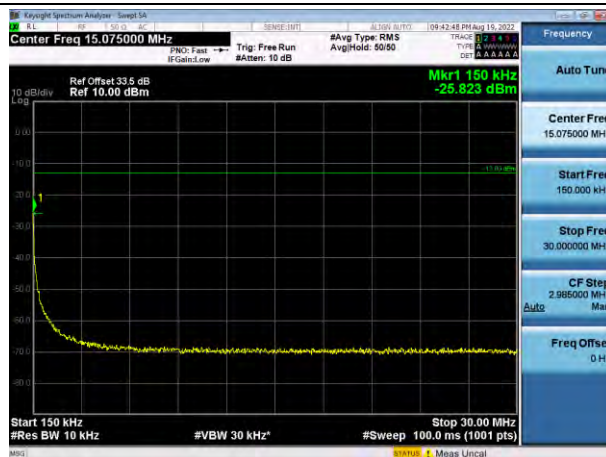
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5G NR Band n25 _ SCS 30K, Nominal Bandwidth: 30M

QPSK Low channel - 9kHz~150KHz



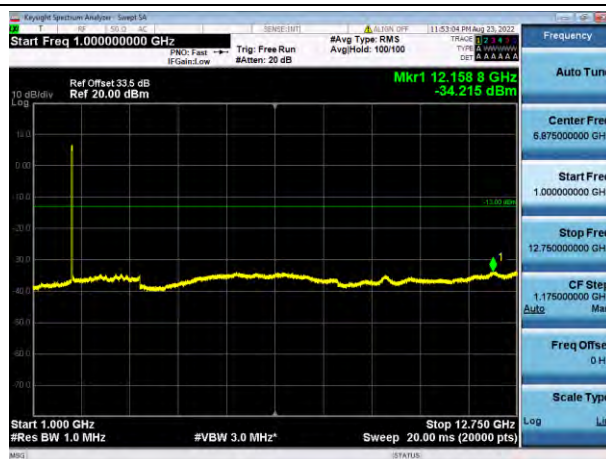
QPSK Low channel - 150KHz~30MHz



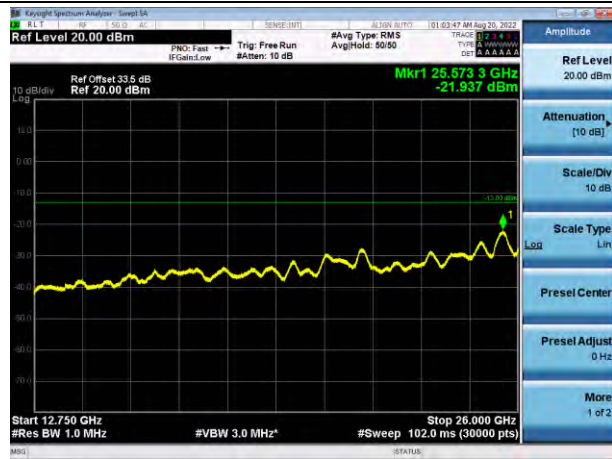
QPSK Low channel - 30MHz~1GHz



QPSK Low channel - 1GHz~12.75GHz



QPSK Low channel - 12.75GHz~26GHz



QPSK Low channel - 26GHz~44GHz



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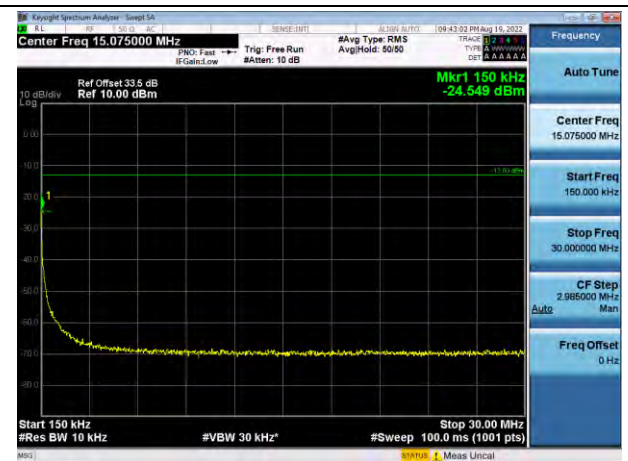
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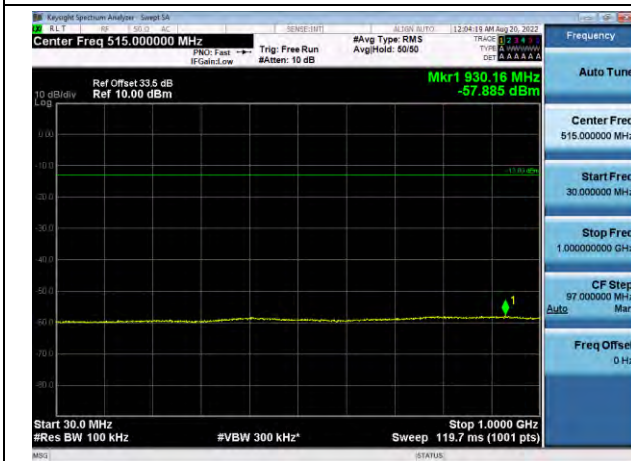
QPSK Middle channel - 9kHz~150KHz



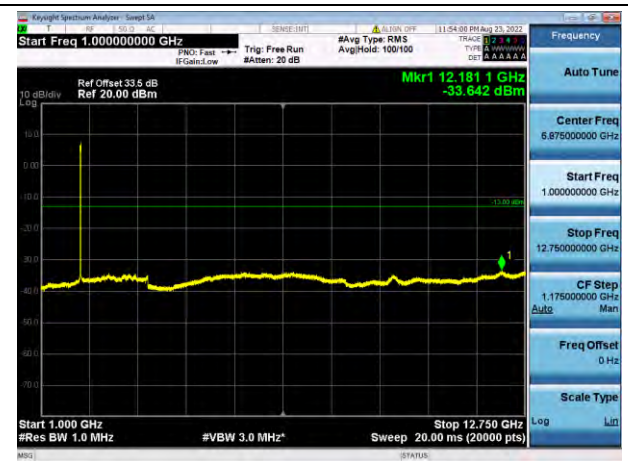
QPSK Middle channel - 150KHz~30MHz



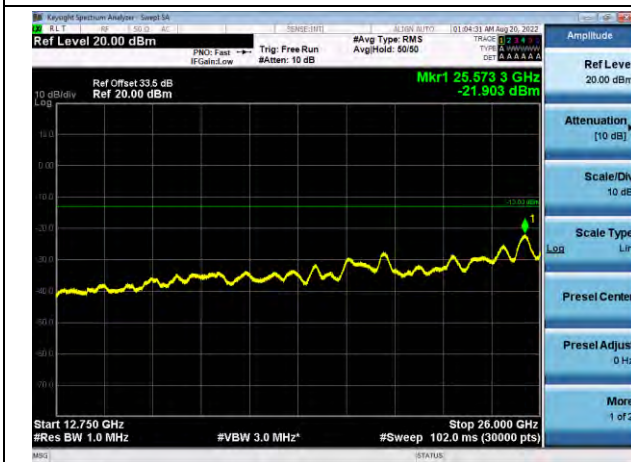
QPSK Middle channel - 30MHz~1GHz



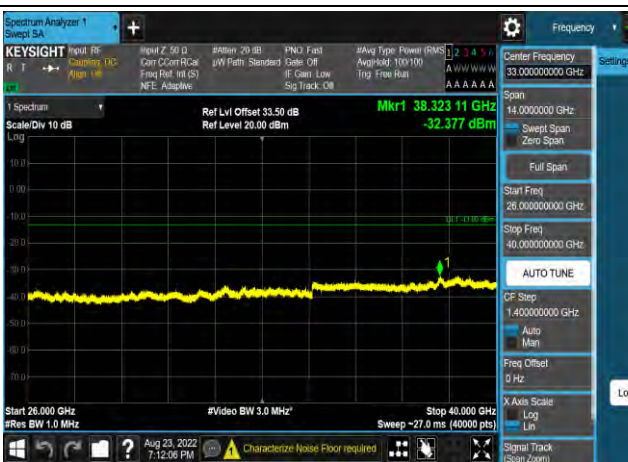
QPSK Middle channel - 1GHz~12.75GHz



QPSK Middle channel - 12.75GHz~26GHz



QPSK Middle channel - 26GHz~44GHz



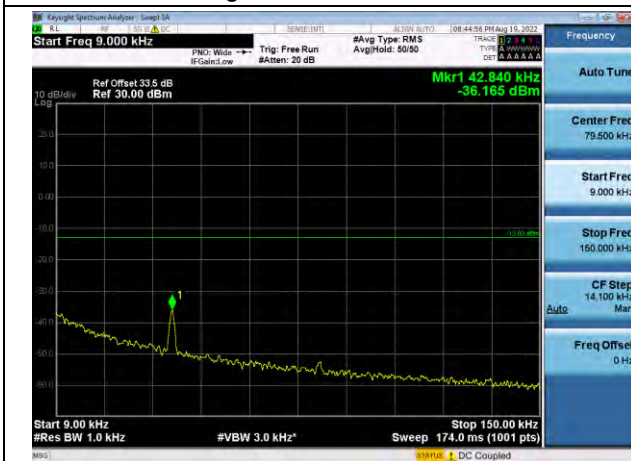
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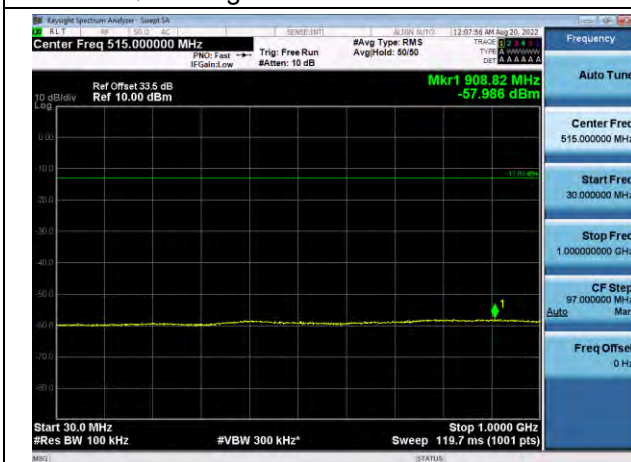
QPSK High channel - 9kHz~150KHz



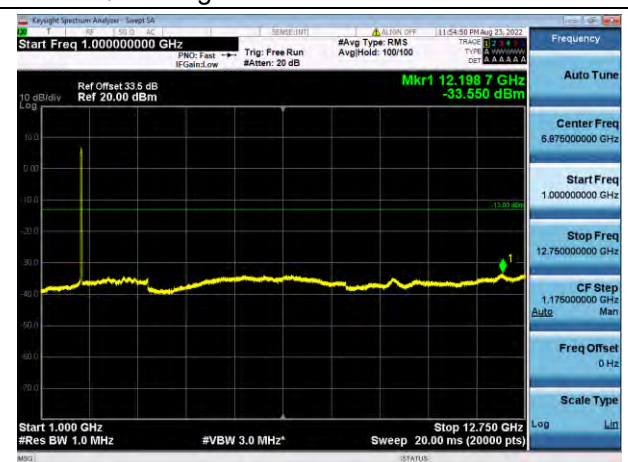
QPSK High channel - 150KHz~30MHz



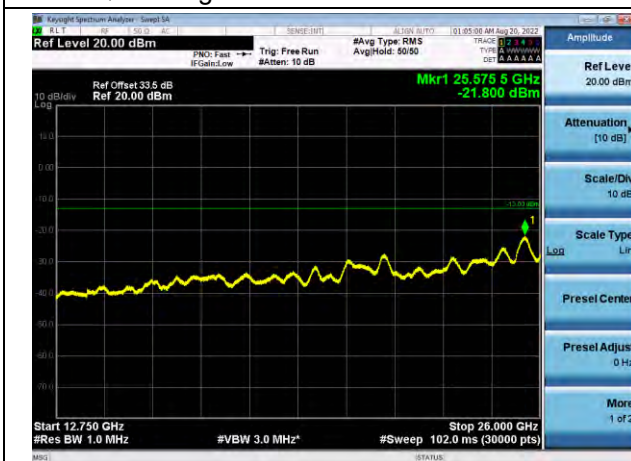
QPSK High channel - 30MHz~1GHz



QPSK High channel - 1GHz~12.75GHz



QPSK High channel - 12.75GHz~26GHz



QPSK High channel - 26GHz~44GHz



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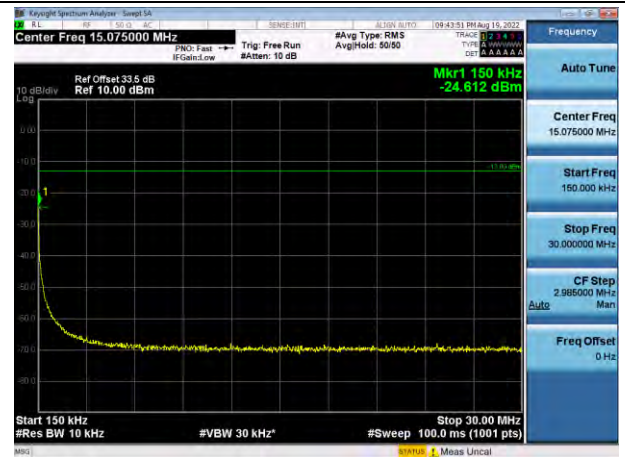
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5G NR Band n25 _ SCS 30K, Nominal Bandwidth: 40M

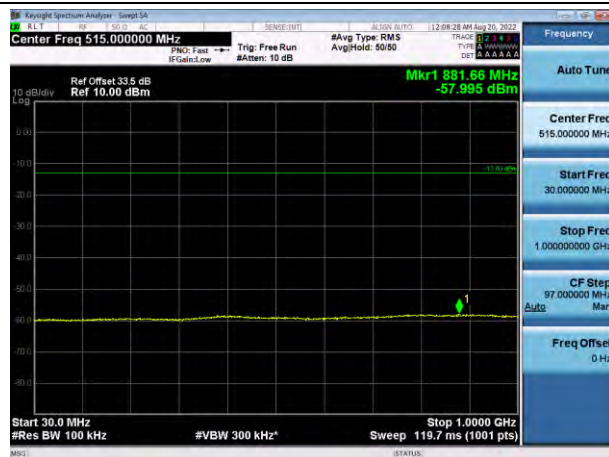
QPSK Low channel - 9kHz~150KHz



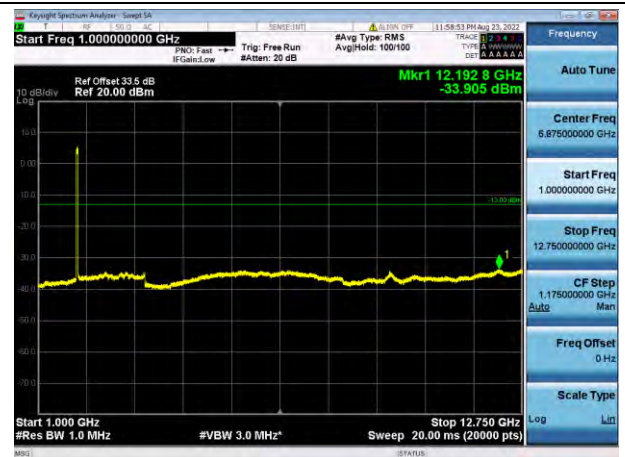
QPSK Low channel - 150KHz~30MHz



QPSK Low channel - 30MHz~1GHz



QPSK Low channel - 1GHz~12.75GHz



QPSK Low channel - 12.75GHz~26GHz



QPSK Low channel - 26GHz~44GHz



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5G NR Band n25 _ SCS 30K, Nominal Bandwidth: 40M

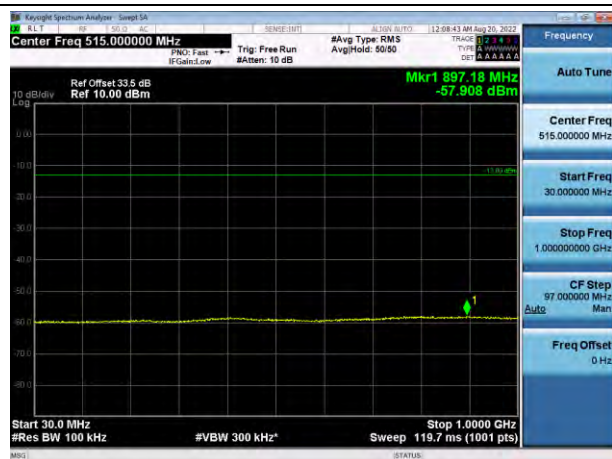
QPSK Middle channel - 9kHz~150KHz



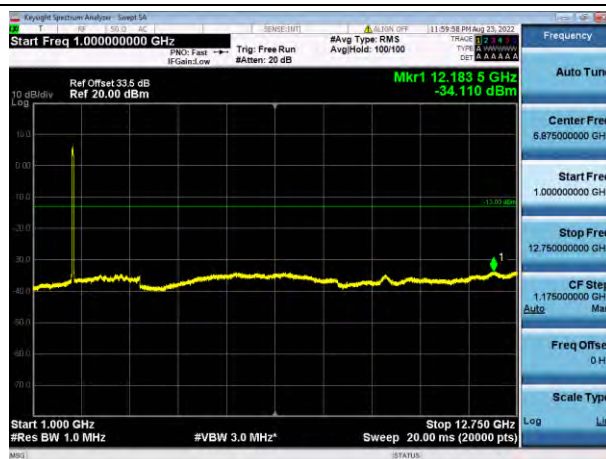
QPSK Middle channel - 150KHz~30MHz



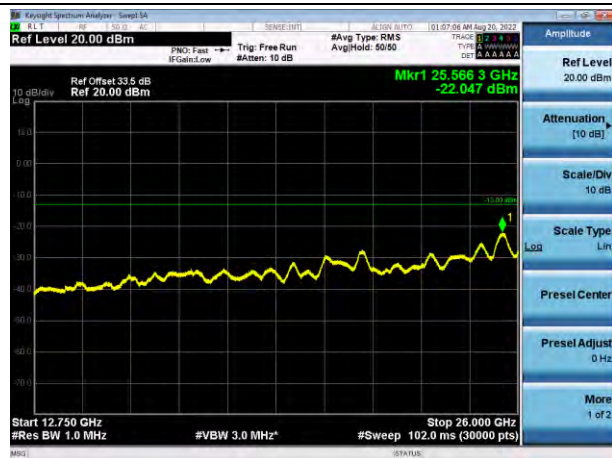
QPSK Middle channel - 30MHz~1GHz



QPSK Middle channel - 1GHz~12.75GHz



QPSK Middle channel - 12.75GHz~26GHz



QPSK Middle channel - 26GHz~44GHz

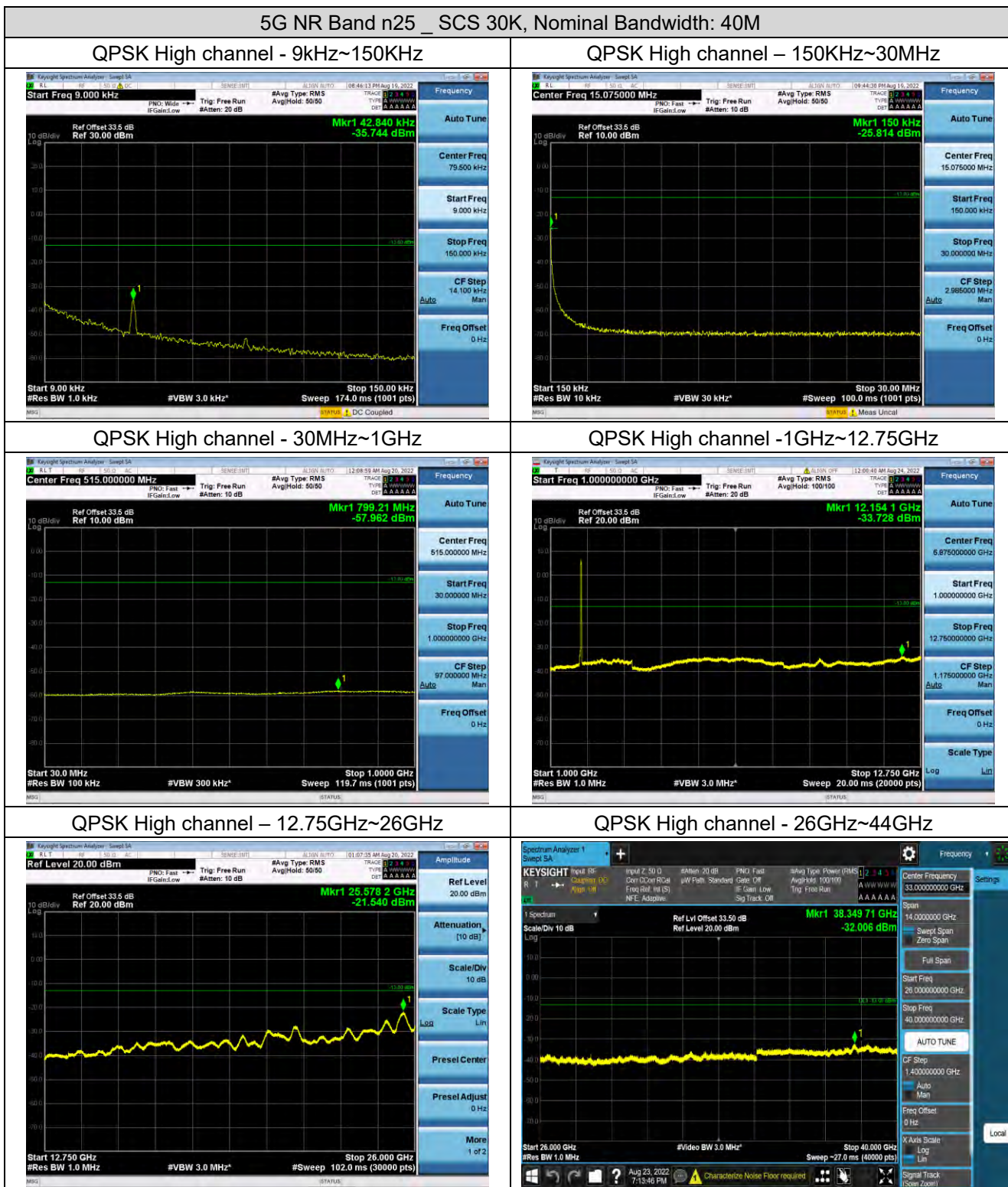


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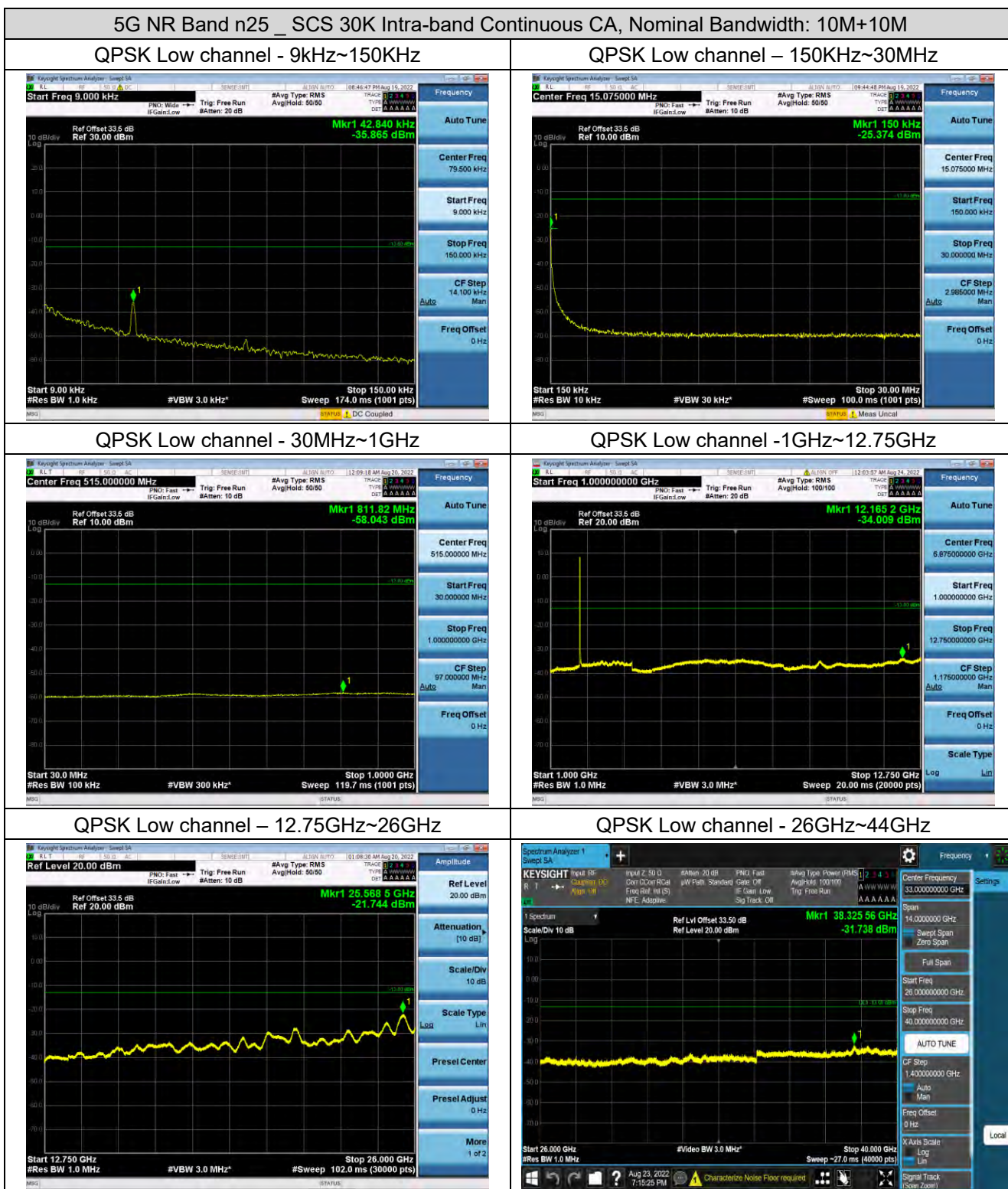


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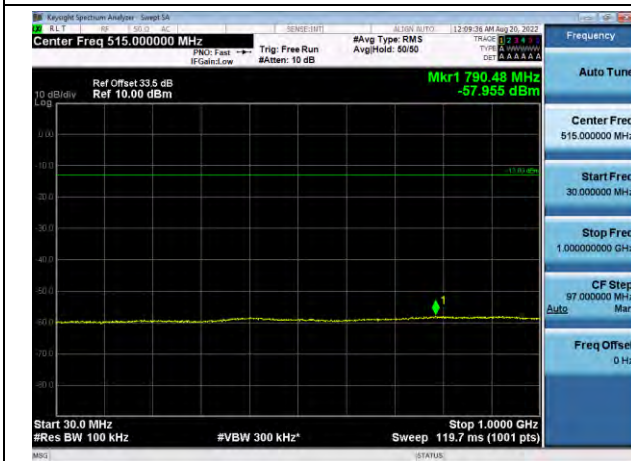
QPSK Middle channel - 9kHz~150KHz



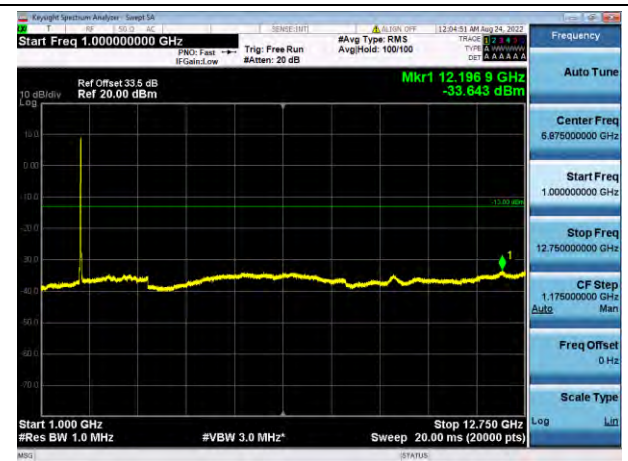
QPSK Middle channel - 150KHz~30MHz



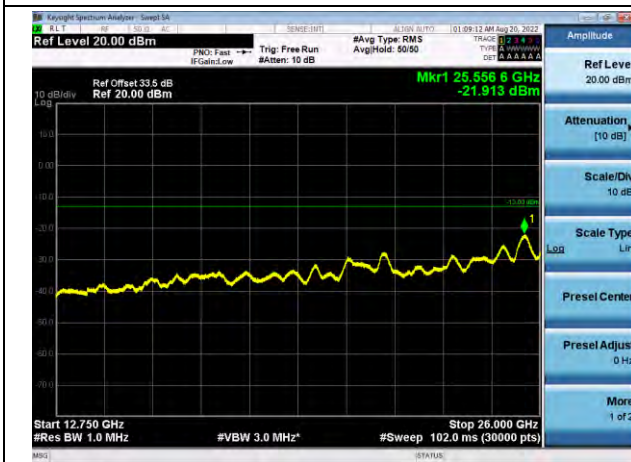
QPSK Middle channel - 30MHz~1GHz



QPSK Middle channel - 1GHz~12.75GHz



QPSK Middle channel - 12.75GHz~26GHz



QPSK Middle channel - 26GHz~44GHz



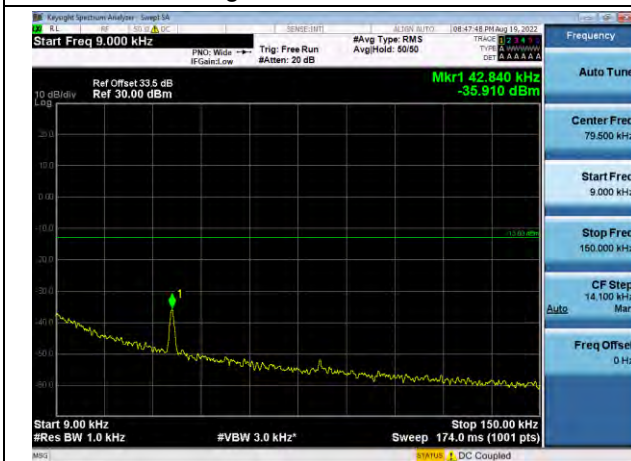
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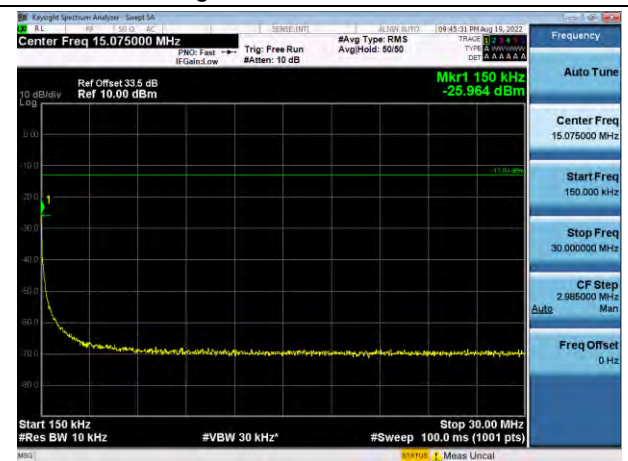
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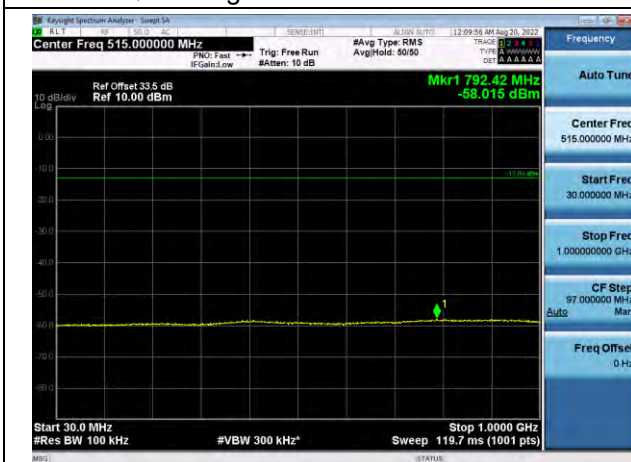
QPSK High channel - 9kHz~150KHz



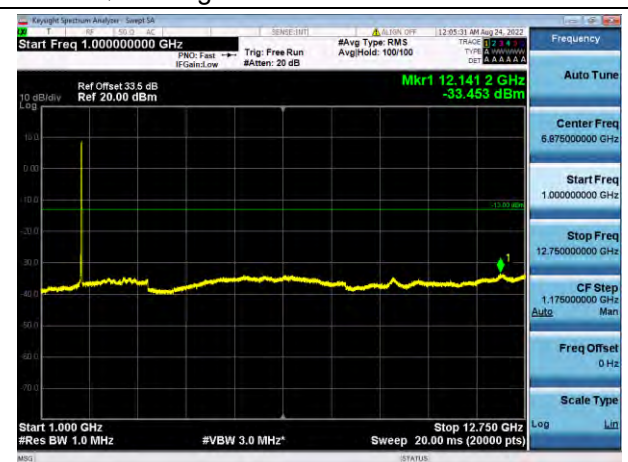
QPSK High channel - 150KHz~30MHz



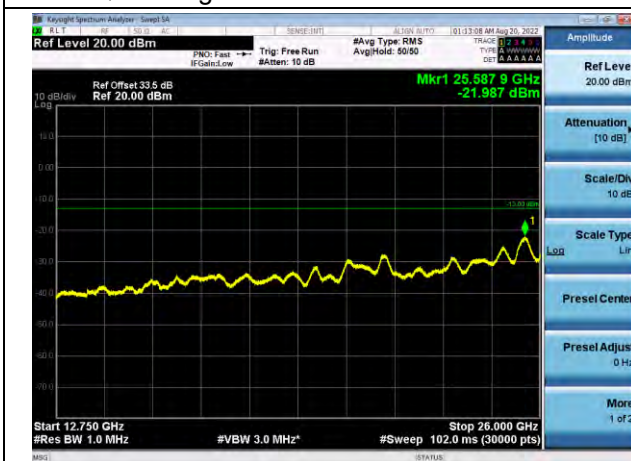
QPSK High channel - 30MHz~1GHz



QPSK High channel - 1GHz~12.75GHz



QPSK High channel - 12.75GHz~26GHz



QPSK High channel - 26GHz~44GHz

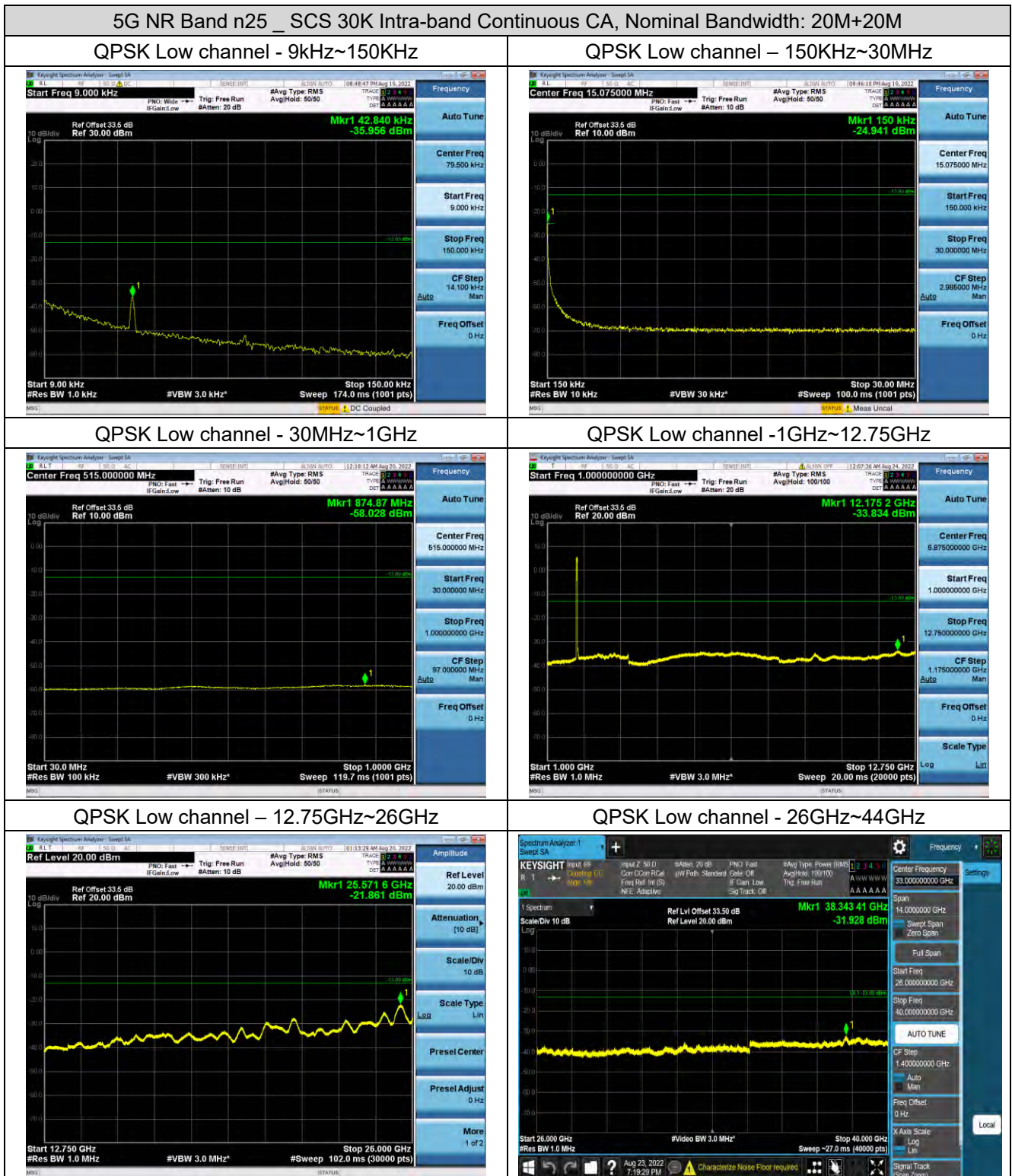


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