



Band38-15MHz-16QAM-38175-75RB#0



Band38-20MHz-QPSK-37850-1RB#0



Band38-20MHz-QPSK-37850-1RB#99



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38150-1RB#0



Band38-20MHz-QPSK-38150-1RB#99



Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-37850-1RB#99



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-1RB#0



Band38-20MHz-16QAM-38150-1RB#99



Appendix E: Conducted Spurious Emission

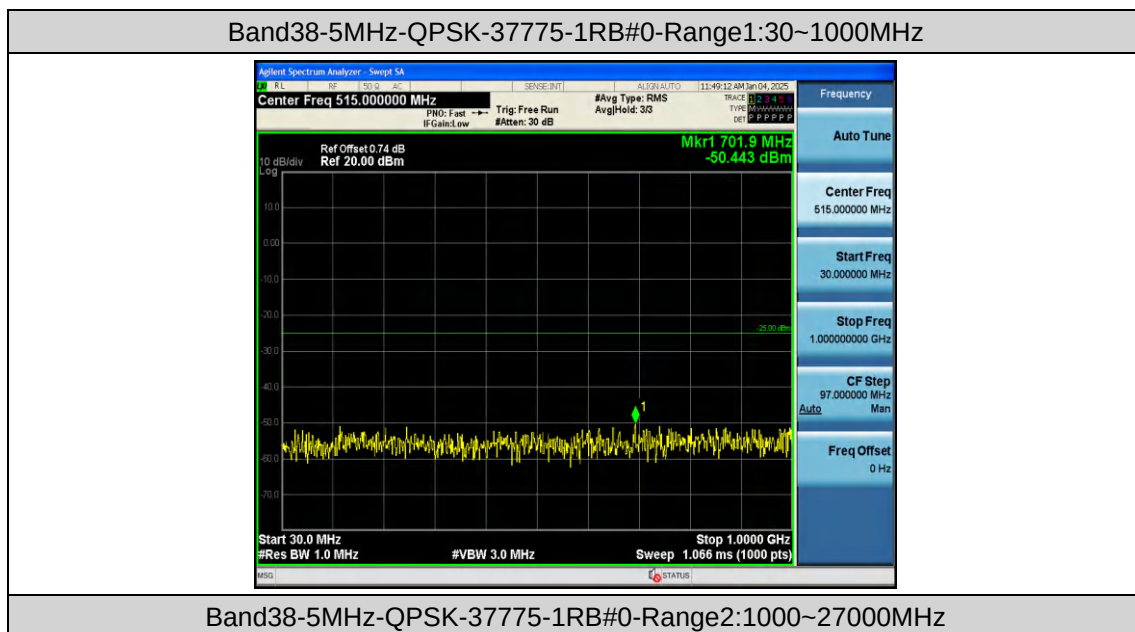
Test Result

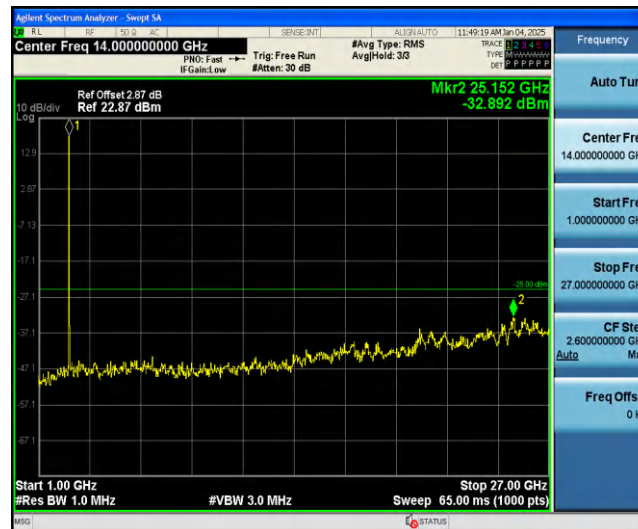
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band3 8	5MHz	QPSK	37775	1RB#0	Range1:30~1000MHz	-50.4 4	PAS S
Band3 8	5MHz	QPSK	37775	1RB#0	Range2:1000~27000MHz	-32.8 9	PAS S
Band3 8	5MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-50.1 1	PAS S
Band3 8	5MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-33.2 4	PAS S
Band3 8	5MHz	QPSK	38225	1RB#0	Range1:30~1000MHz	-50.2 8	PAS S
Band3 8	5MHz	QPSK	38225	1RB#0	Range2:1000~27000MHz	-32.2	PAS S
Band3 8	5MHz	16QAM	37775	1RB#0	Range1:30~1000MHz	-49.7 3	PAS S
Band3 8	5MHz	16QAM	37775	1RB#0	Range2:1000~27000MHz	-32.3 6	PAS S
Band3 8	5MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-50.4 5	PAS S
Band3 8	5MHz	16QAM	38000	1RB#0	Range2:1000~27000MHz	-32.1 2	PAS S
Band3 8	5MHz	16QAM	38225	1RB#0	Range1:30~1000MHz	-51.2 4	PAS S
Band3 8	5MHz	16QAM	38225	1RB#0	Range2:1000~27000MHz	-33.3 3	PAS S
Band3 8	10MHz	QPSK	37800	1RB#0	Range1:30~1000MHz	-50.2 3	PAS S
Band3 8	10MHz	QPSK	37800	1RB#0	Range2:1000~27000MHz	-30.8 2	PAS S
Band3 8	10MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-50.0 8	PAS S
Band3 8	10MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-31.6 9	PAS S
Band3 8	10MHz	QPSK	38200	1RB#0	Range1:30~1000MHz	-48.4	PAS S
Band3	10MHz	QPSK	38200	1RB#0	Range2:1000~27000MHz	-32.2	PAS

8					Hz	7	S
Band3 8	10MHz	16QAM	37800	1RB#0	Range1:30~1000MHz	-50.1 7	PAS S
Band3 8	10MHz	16QAM	37800	1RB#0	Range2:1000~27000M Hz	-32.7 5	PAS S
Band3 8	10MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-49.3 6	PAS S
Band3 8	10MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-31.3 2	PAS S
Band3 8	10MHz	16QAM	38200	1RB#0	Range1:30~1000MHz	-50.5 2	PAS S
Band3 8	10MHz	16QAM	38200	1RB#0	Range2:1000~27000M Hz	-32.6 4	PAS S
Band3 8	15MHz	QPSK	37825	1RB#0	Range1:30~1000MHz	-49.0 2	PAS S
Band3 8	15MHz	QPSK	37825	1RB#0	Range2:1000~27000M Hz	-32.4 6	PAS S
Band3 8	15MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-51.0 2	PAS S
Band3 8	15MHz	QPSK	38000	1RB#0	Range2:1000~27000M Hz	-32.0 1	PAS S
Band3 8	15MHz	QPSK	38175	1RB#0	Range1:30~1000MHz	-49.2 5	PAS S
Band3 8	15MHz	QPSK	38175	1RB#0	Range2:1000~27000M Hz	-32.4 8	PAS S
Band3 8	15MHz	16QAM	37825	1RB#0	Range1:30~1000MHz	-49.6 2	PAS S
Band3 8	15MHz	16QAM	37825	1RB#0	Range2:1000~27000M Hz	-32.2	PAS S
Band3 8	15MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-50.0 4	PAS S
Band3 8	15MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-31.7	PAS S
Band3 8	15MHz	16QAM	38175	1RB#0	Range1:30~1000MHz	-51.1 9	PAS S
Band3 8	15MHz	16QAM	38175	1RB#0	Range2:1000~27000M Hz	-31.8 9	PAS S
Band3 8	20MHz	QPSK	37850	1RB#0	Range1:30~1000MHz	-49.5 6	PAS S
Band3 8	20MHz	QPSK	37850	1RB#0	Range2:1000~27000M Hz	-33.1 6	PAS S
Band3 8	20MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-49.4 3	PAS S

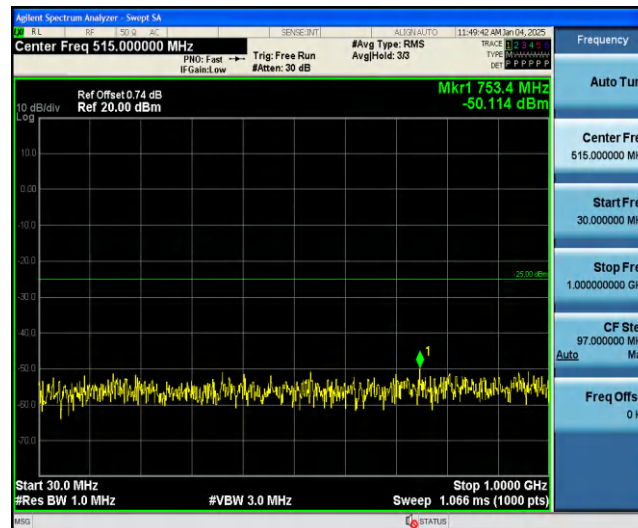
Band3 8	20MHz	QPSK	38000	1RB#0	Range2:1000~27000M Hz	-31.1	PAS S
Band3 8	20MHz	QPSK	38150	1RB#0	Range1:30~1000MHz	-48.7 5	PAS S
Band3 8	20MHz	QPSK	38150	1RB#0	Range2:1000~27000M Hz	-32.5 9	PAS S
Band3 8	20MHz	16QAM	37850	1RB#0	Range1:30~1000MHz	-49.3 5	PAS S
Band3 8	20MHz	16QAM	37850	1RB#0	Range2:1000~27000M Hz	-32.6 3	PAS S
Band3 8	20MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-50.6 7	PAS S
Band3 8	20MHz	16QAM	38000	1RB#0	Range2:1000~27000M Hz	-32.7 2	PAS S
Band3 8	20MHz	16QAM	38150	1RB#0	Range1:30~1000MHz	-50.3 3	PAS S
Band3 8	20MHz	16QAM	38150	1RB#0	Range2:1000~27000M Hz	-32.8 1	PAS S

Test Graphs

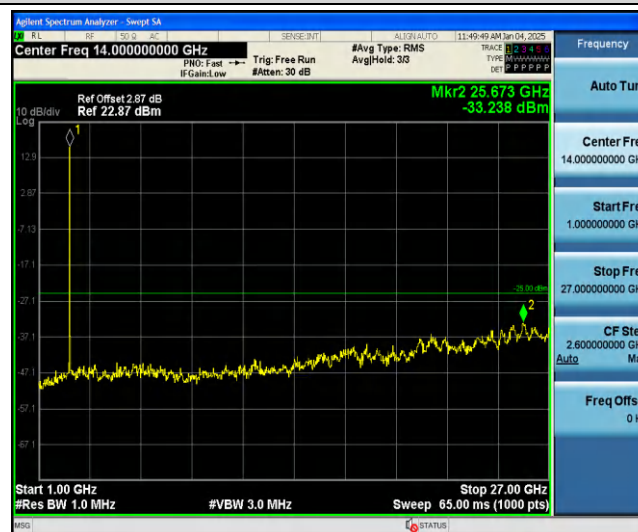




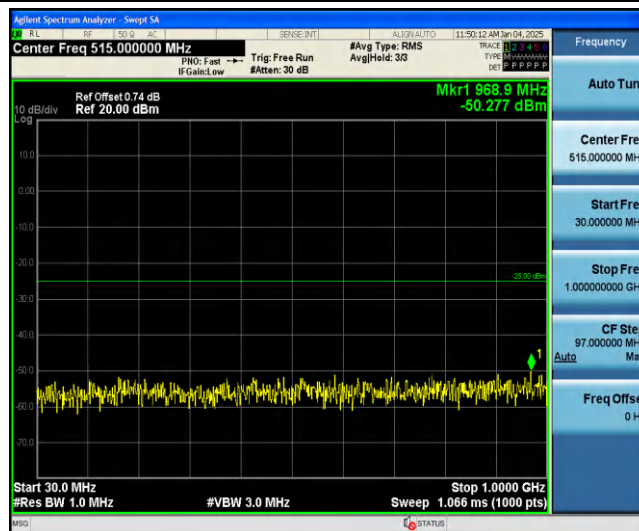
Band38-5MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



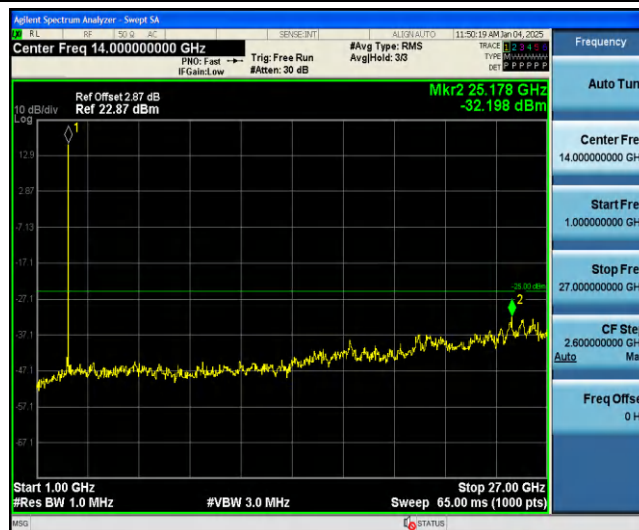
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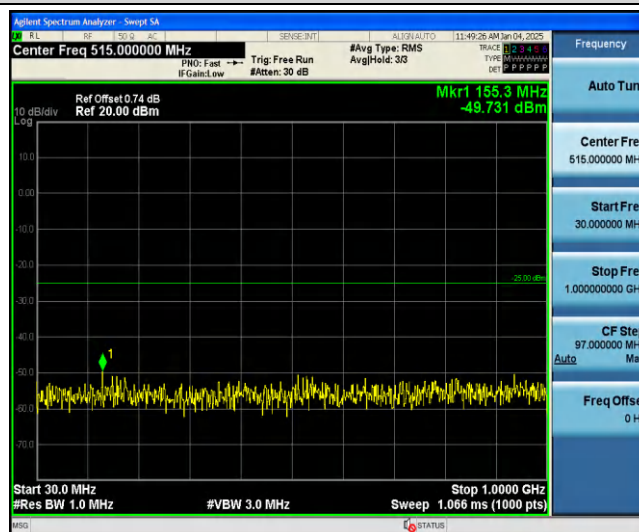
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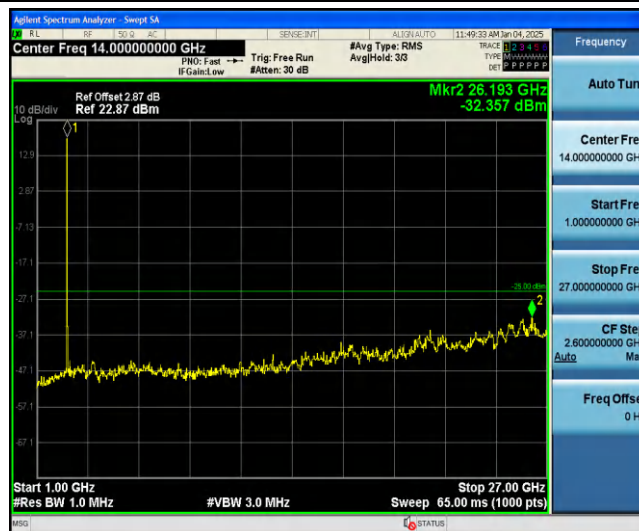
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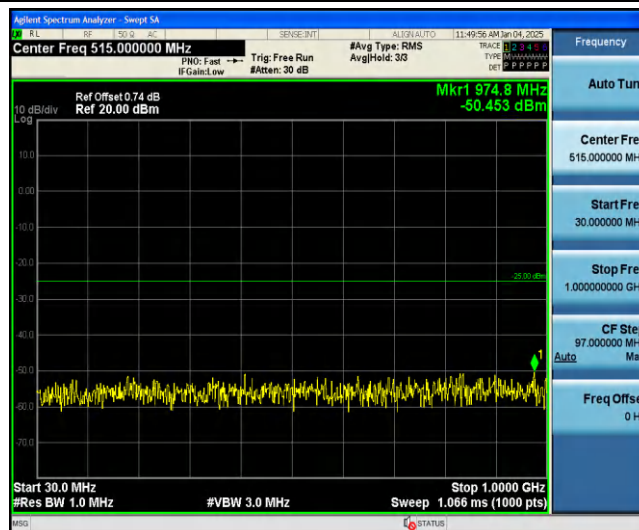
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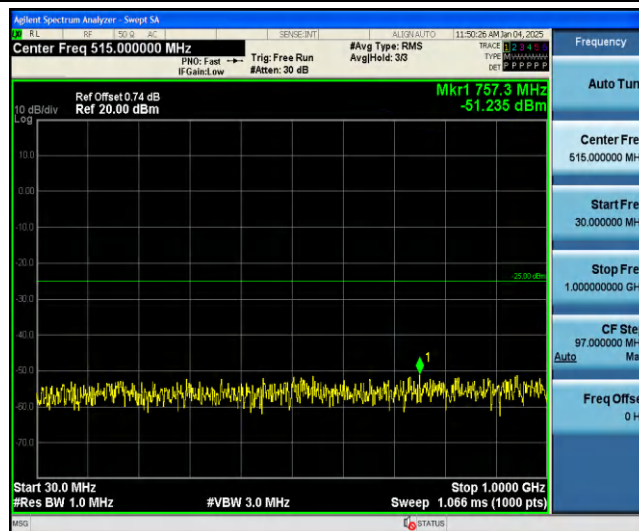
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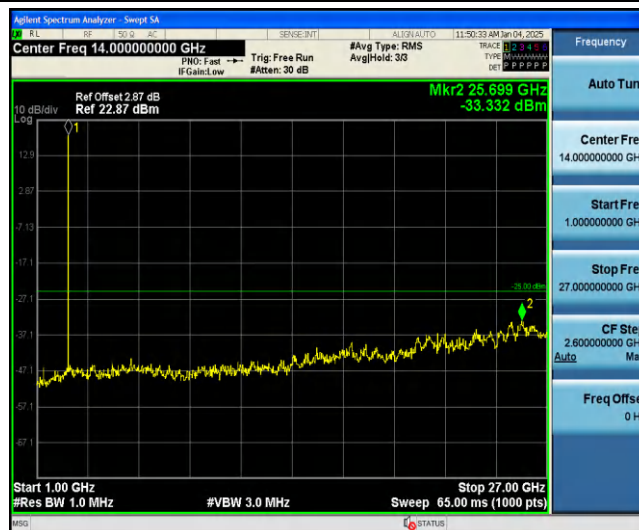
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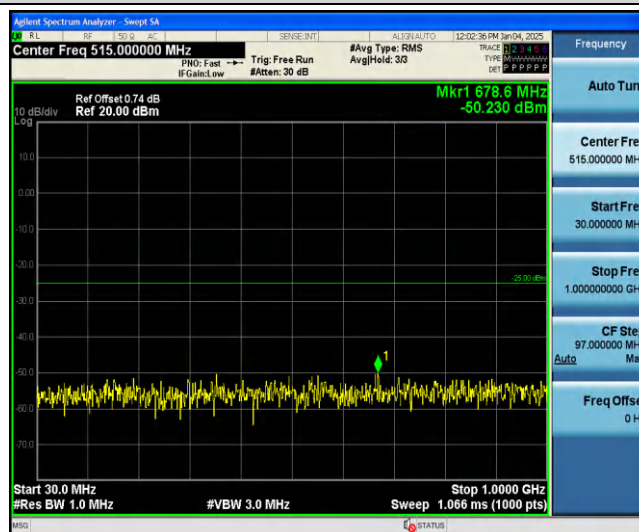
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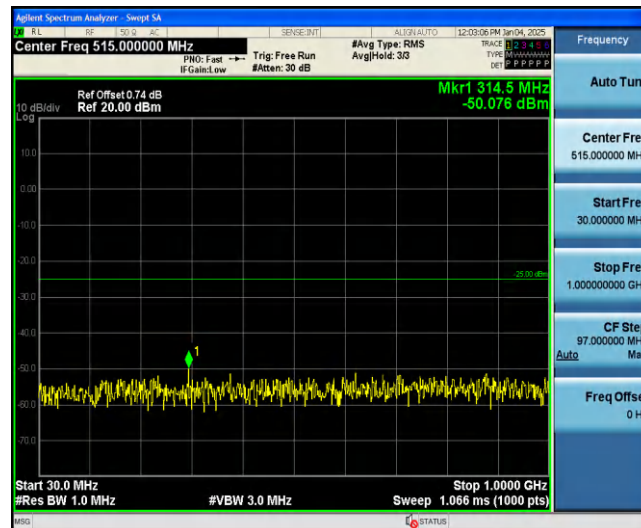
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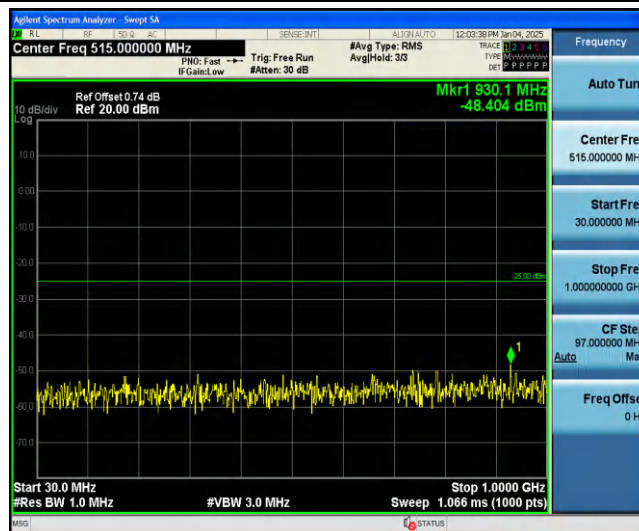
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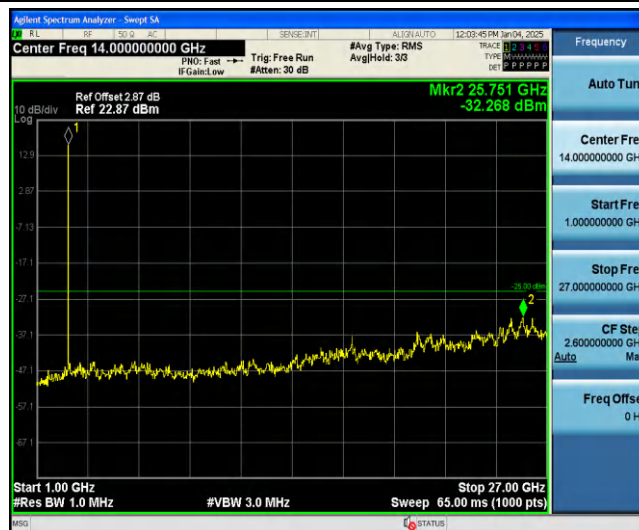
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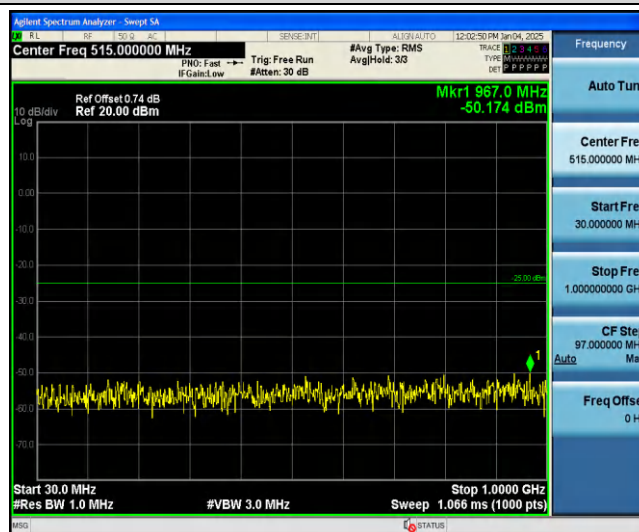
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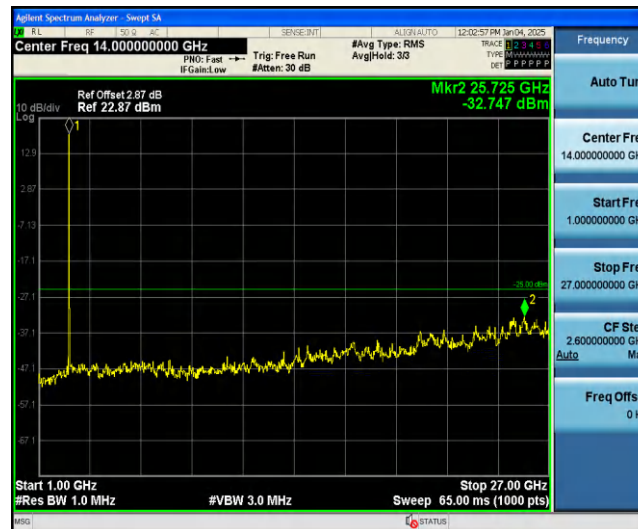
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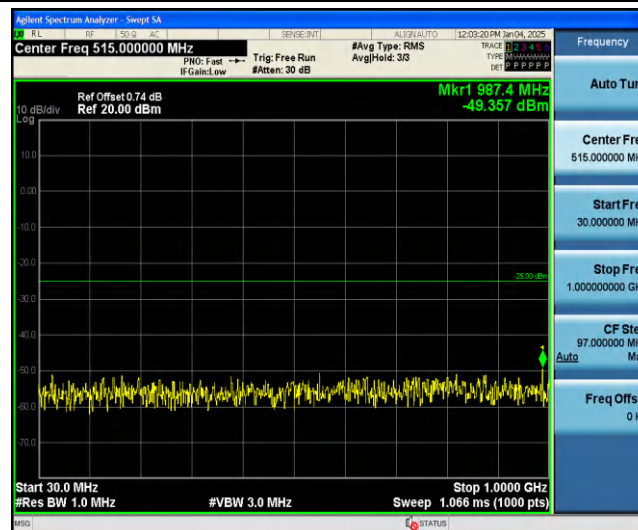
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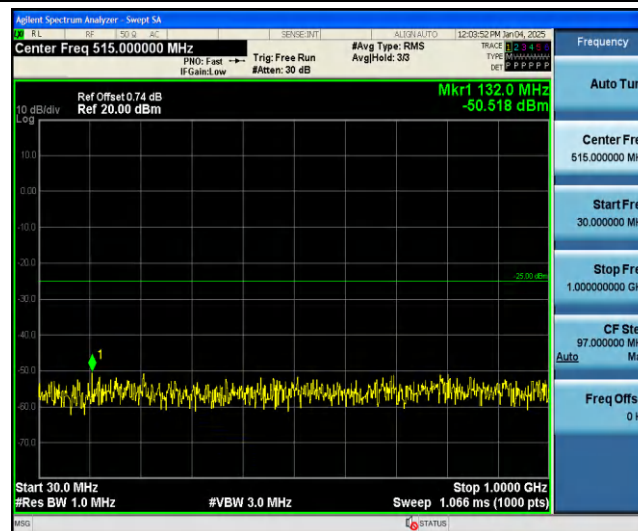
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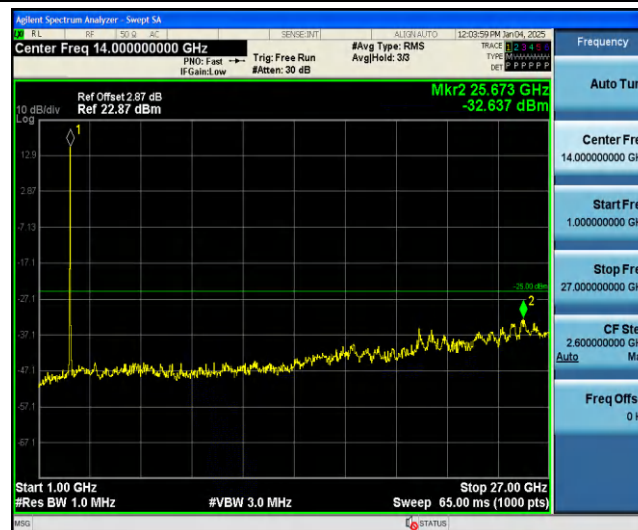
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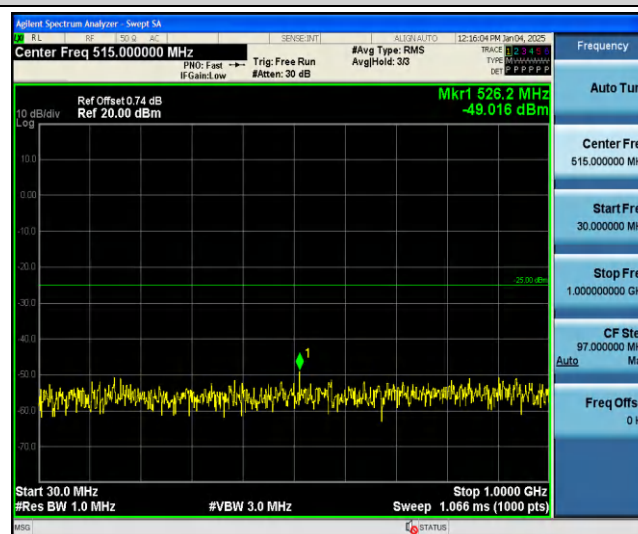
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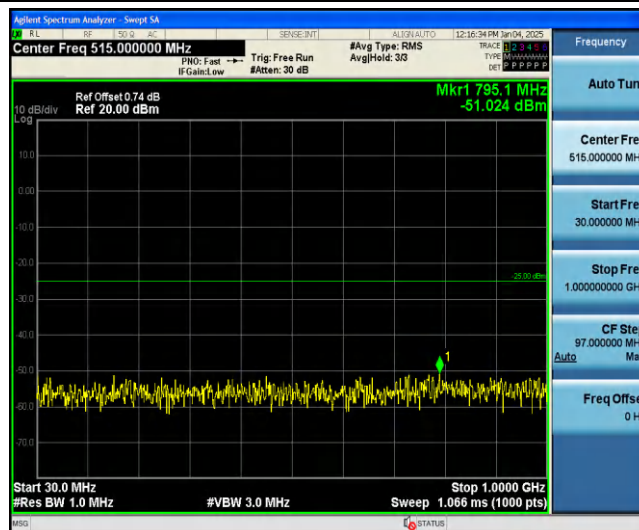
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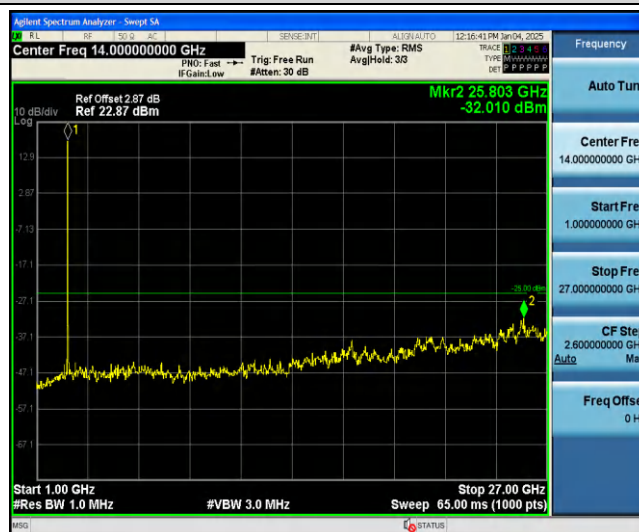
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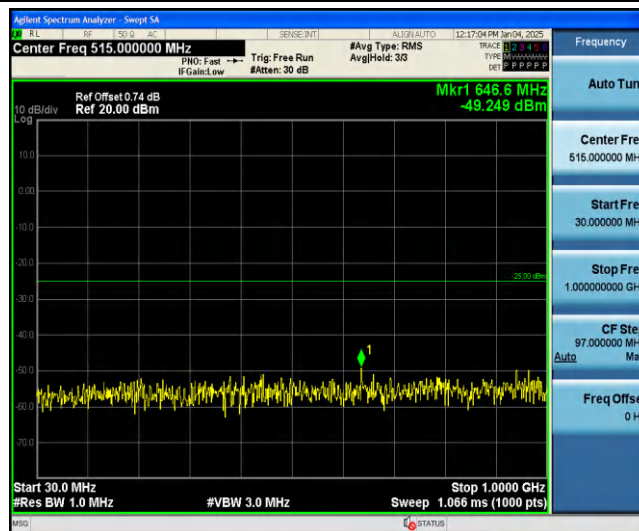
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Band38-15MHz-QPSK-38000-1RB#0-Range2:1000~27000MHz



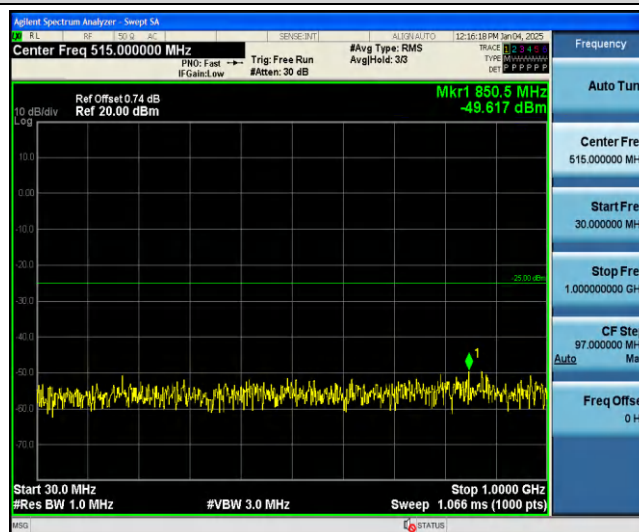
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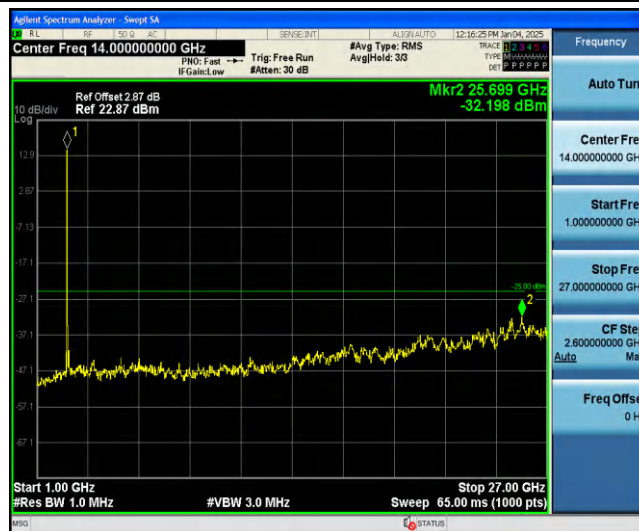
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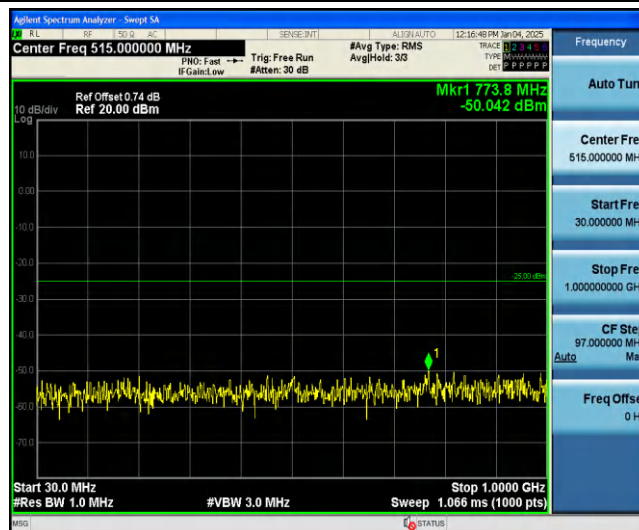
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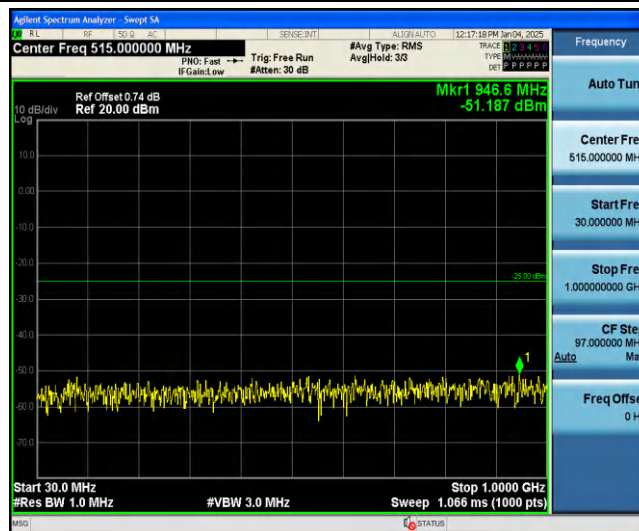
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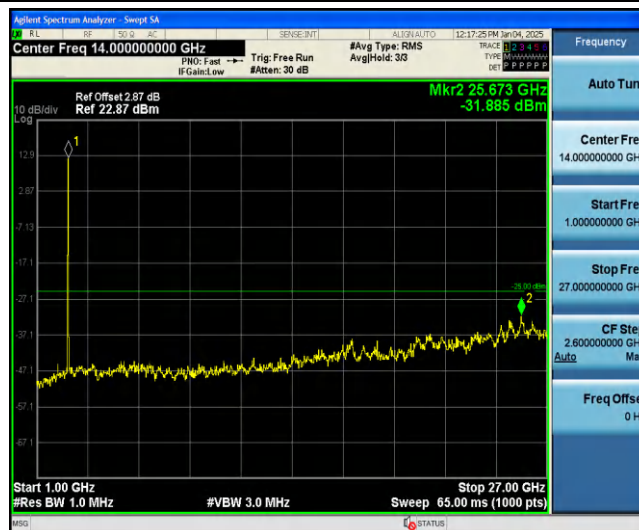
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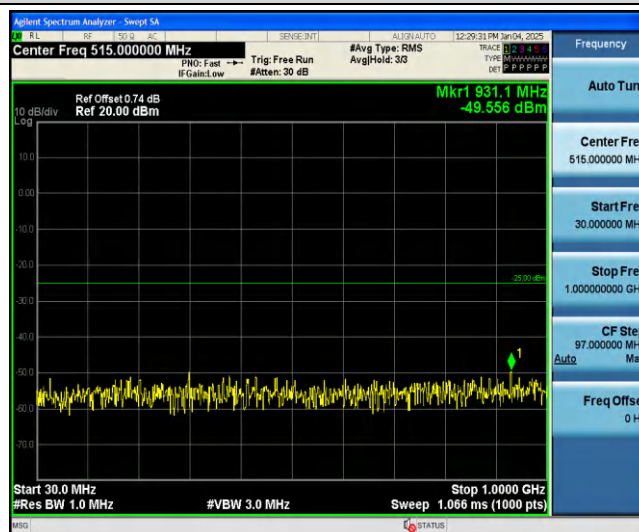
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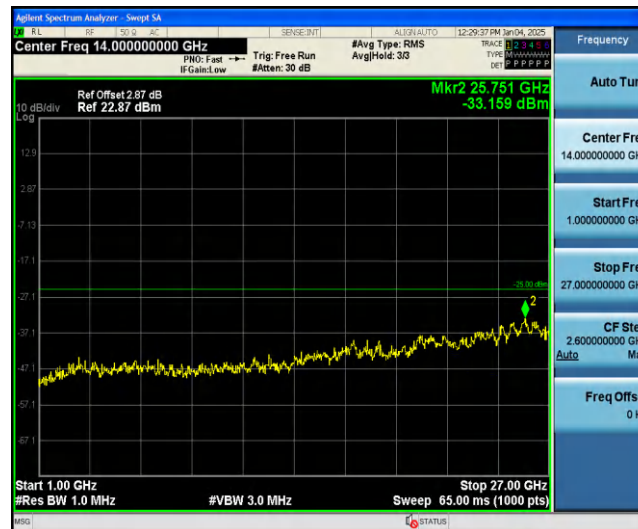
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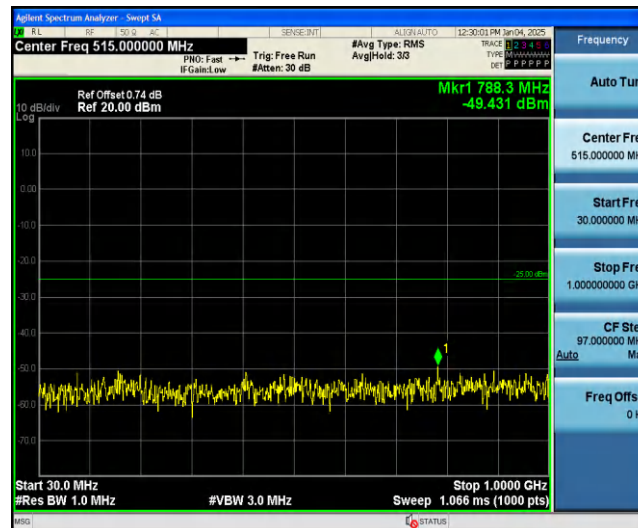
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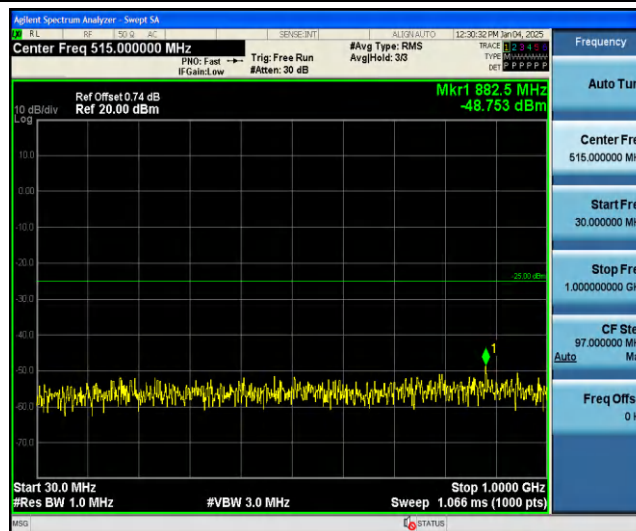
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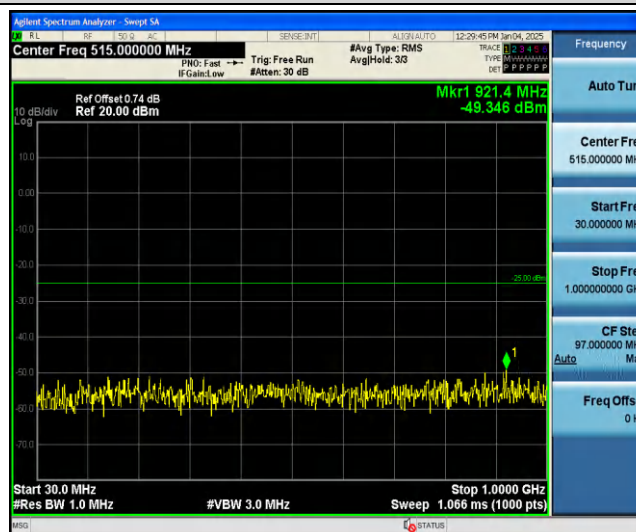
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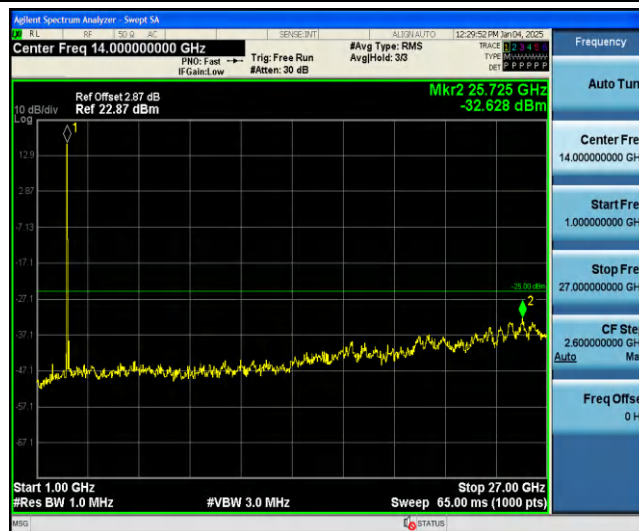
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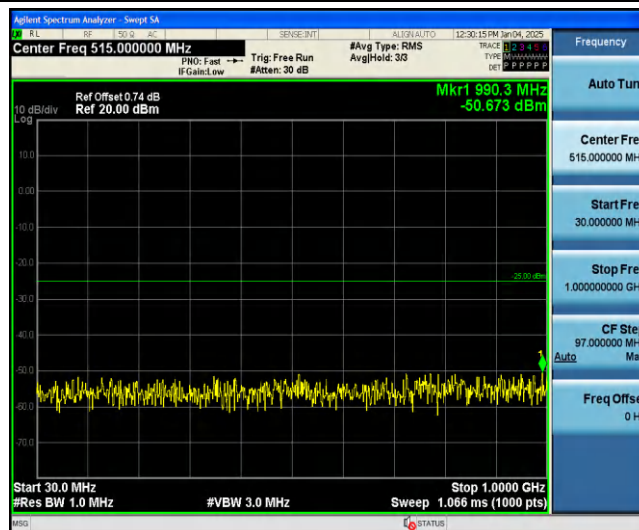
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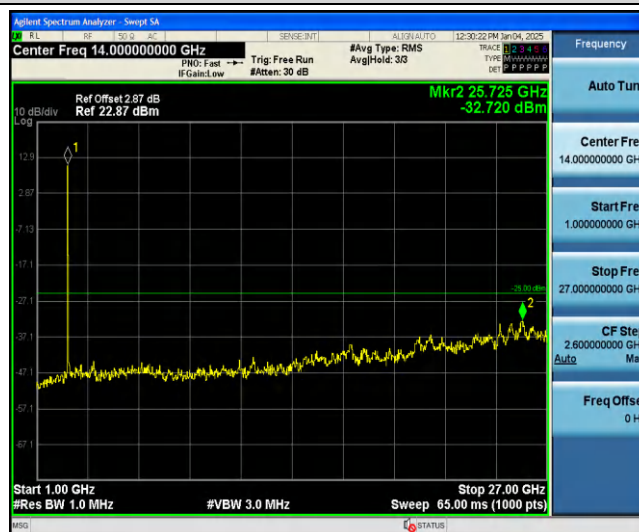
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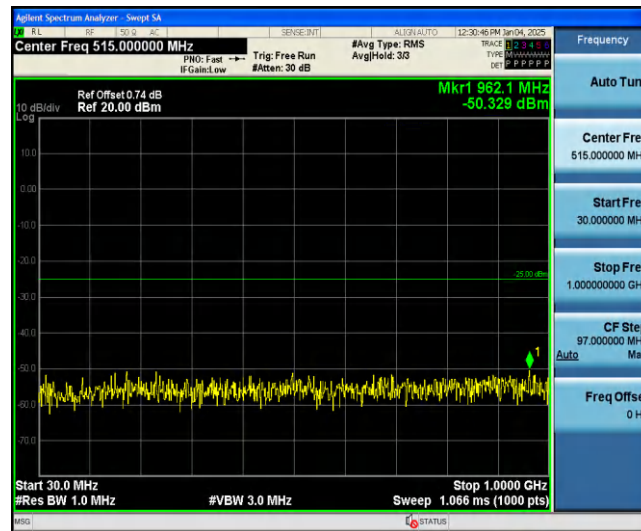
Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~27000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~27000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	35.59	0.013835	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	37.80	0.014694	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	37.31	0.014503	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	17.64	0.006798	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	11.91	0.004590	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	7.36	0.002836	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	17.14	0.006548	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	15.73	0.006010	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	8.36	0.003194	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	28.23	0.010974	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	33.53	0.013034	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	29.39	0.011425	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-31.65	-0.012197	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-33.98	-0.013094	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-36.09	-0.013908	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-38.34	-0.014648	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-35.14	-0.013425	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-34.55	-0.013200	±2.5	PASS

8										
Band3 8	10MHz	QPSK	37800	50RB#0	VL	NT	52.97	0.020571	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VN	NT	50.02	0.019425	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VH	NT	55.14	0.021414	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VL	NT	24.87	0.009584	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VN	NT	21.36	0.008231	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VH	NT	24.14	0.009303	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VL	NT	37.45	0.014321	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VN	NT	29.80	0.011396	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VH	NT	25.25	0.009656	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VL	NT	48.15	0.018699	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VN	NT	45.48	0.017662	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VH	NT	44.95	0.017456	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VL	NT	11.74	0.004524	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VN	NT	9.59	0.003696	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VH	NT	9.58	0.003692	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VL	NT	-7.82	-0.002990	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VN	NT	-3.63	-0.001388	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VH	NT	5.93	0.002268	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VL	NT	19.37	0.007515	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VN	NT	23.44	0.009094	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VH	NT	13.74	0.005331	±2.5	PASS

Band3 8	15MHz	QPSK	38000	75RB#0	VL	NT	17.16	0.006613	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VN	NT	21.23	0.008181	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VH	NT	17.14	0.006605	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VL	NT	11.42	0.004371	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VN	NT	13.54	0.005183	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VH	NT	9.84	0.003767	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VL	NT	17.97	0.006972	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VN	NT	17.24	0.006689	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VH	NT	16.40	0.006363	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VL	NT	13.01	0.005013	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VN	NT	10.98	0.004231	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VH	NT	10.03	0.003865	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VL	NT	-6.87	-0.002630	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VN	NT	-6.78	-0.002595	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VH	NT	-5.51	-0.002109	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VL	NT	-7.40	-0.002868	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VN	NT	54.22	0.021016	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VH	NT	-9.68	-0.003752	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VL	NT	12.79	0.004929	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VN	NT	15.53	0.005985	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VH	NT	11.58	0.004462	±2.5	PASS
Band3	20MHz	QPSK	38150	100RB#0	VL	NT	22.00	0.008429	±2.5	PASS

8										
Band3 8	20MHz	QPSK	38150	100RB#0	VN	NT	24.17	0.009261	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	VH	NT	17.80	0.006820	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VL	NT	-8.86	-0.003434	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VN	NT	-12.12	-0.004698	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VH	NT	-11.88	-0.004605	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VL	NT	11.11	0.004281	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VN	NT	10.25	0.003950	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VH	NT	11.38	0.004385	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VL	NT	13.48	0.005165	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VN	NT	9.98	0.003824	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VH	NT	14.27	0.005467	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-30	33.50	0.013022	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-20	30.45	0.011837	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	0	35.61	0.013843	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	10	33.28	0.012937	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	20	31.34	0.012183	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-30	-4.83	-0.001861	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-20	-5.66	-0.002181	±2.5	PASS
Band3	5MHz	QPSK	38000	25RB#0	NV	0	-13.92	-0.005364	±2.5	PASS

8										
Band3 8	5MHz	QPSK	38000	25RB#0	NV	10	-19.63	-0.007565	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	20	-21.22	-0.008177	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-30	-10.75	-0.004107	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-20	-14.11	-0.005391	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	0	-17.96	-0.006862	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	10	-25.71	-0.009822	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	20	-28.15	-0.010755	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	-30	32.73	0.012723	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	-20	27.59	0.010725	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	0	32.20	0.012517	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	10	30.42	0.011825	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	20	29.23	0.011362	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-30	-33.18	-0.012786	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-20	-38.50	-0.014836	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	0	-34.74	-0.013387	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	10	-38.29	-0.014755	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	20	-37.00	-0.014258	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-30	-35.05	-0.013391	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-20	-38.54	-0.014724	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	0	-40.52	-0.015480	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	10	-40.46	-0.015457	±2.5	PASS

Band3 8	5MHz	16QAM	38225	25RB#0	NV	20	-41.78	-0.015962	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-30	50.08	0.019449	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-20	44.84	0.017414	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	0	46.08	0.017895	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	10	48.22	0.018726	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	20	48.69	0.018909	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-30	20.88	0.008046	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-20	16.66	0.006420	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	0	16.98	0.006543	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	10	13.16	0.005071	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	20	13.51	0.005206	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-30	23.93	0.009151	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-20	18.13	0.006933	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	0	15.34	0.005866	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	10	10.88	0.004161	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	20	6.74	0.002577	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-30	50.02	0.019425	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-20	49.18	0.019099	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	0	-7.74	-0.003006	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	10	-6.74	-0.002617	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	20	-6.22	-0.002416	±2.5	PASS
Band3	10MHz	16QAM	38000	50RB#0	NV	-30	11.91	0.004590	±2.5	PASS

8										
Band3 8	10MHz	16QAM	38000	50RB#0	NV	-20	13.44	0.005179	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	0	15.40	0.005934	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	10	8.00	0.003083	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	20	13.34	0.005141	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-30	-8.64	-0.003304	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-20	-6.52	-0.002493	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	0	-9.36	-0.003579	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	10	-6.50	-0.002486	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	20	-9.26	-0.003541	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-30	15.47	0.006002	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-20	14.70	0.005703	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	0	19.45	0.007546	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	10	19.31	0.007492	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	20	17.24	0.006689	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	-30	11.24	0.004331	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	-20	11.72	0.004516	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	0	11.74	0.004524	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	10	11.64	0.004486	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	20	10.89	0.004197	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-30	10.79	0.004130	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-20	3.34	0.001278	±2.5	PASS

Band3 8	15MHz	QPSK	38175	75RB#0	NV	0	6.25	0.002392	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	10	-7.24	-0.002771	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	20	-8.12	-0.003108	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-30	15.96	0.006192	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-20	19.72	0.007651	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	0	17.88	0.006937	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	10	22.99	0.008919	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	20	22.15	0.008594	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-30	10.02	0.003861	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-20	12.62	0.004863	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	0	8.81	0.003395	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	10	12.05	0.004644	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	20	14.42	0.005557	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-30	-7.68	-0.002940	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-20	-5.87	-0.002247	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	0	-5.43	-0.002078	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	10	5.42	0.002075	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	20	6.85	0.002622	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-30	-7.09	-0.002748	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-20	-8.62	-0.003341	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	0	-3.58	-0.001388	±2.5	PASS
Band3	20MHz	QPSK	37850	100RB#0	NV	10	-6.66	-0.002581	±2.5	PASS

8										
Band3 8	20MHz	QPSK	37850	100RB#0	NV	20	-7.53	-0.002919	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-30	12.92	0.004979	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-20	9.66	0.003723	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	0	11.63	0.004482	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	10	7.95	0.003064	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	20	8.38	0.003229	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-30	15.20	0.005824	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-20	10.18	0.003900	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	0	12.32	0.004720	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	10	11.36	0.004352	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	20	11.73	0.004494	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-30	-12.04	-0.004667	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-20	-11.52	-0.004465	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	0	-11.54	-0.004473	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	10	-14.75	-0.005717	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	20	-9.34	-0.003620	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-30	8.21	0.003164	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-20	13.94	0.005372	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	0	12.95	0.004990	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	10	15.37	0.005923	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	20	12.14	0.004678	±2.5	PASS

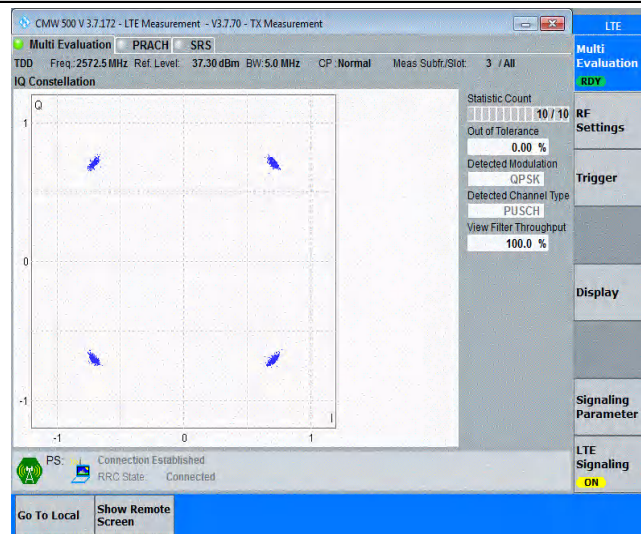
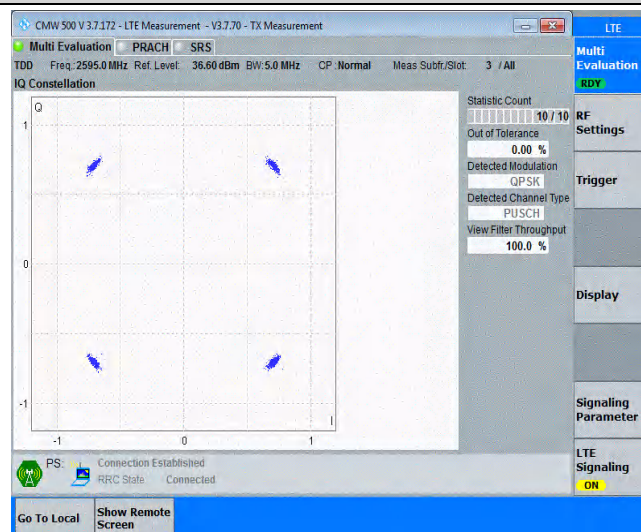
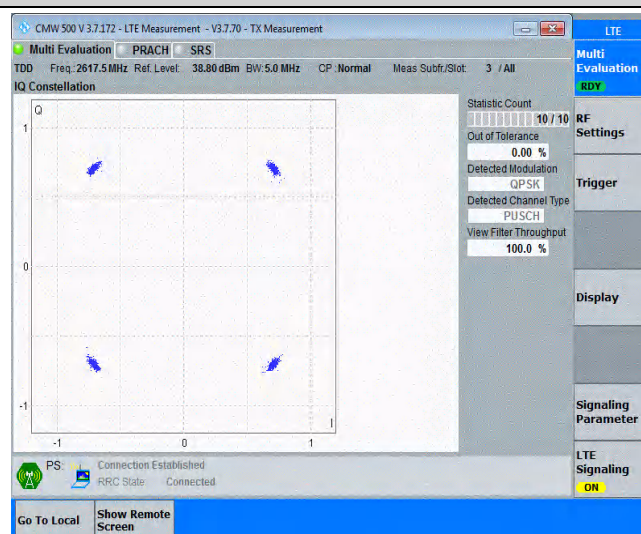
Band3 8	20MHz	16QAM	38150	100RB#0	NV	-30	16.37	0.006272	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	-20	14.19	0.005437	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	0	11.11	0.004257	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	10	13.60	0.005211	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	20	12.24	0.004690	±2.5	PASS

Appendix G: Modulation Characteristics

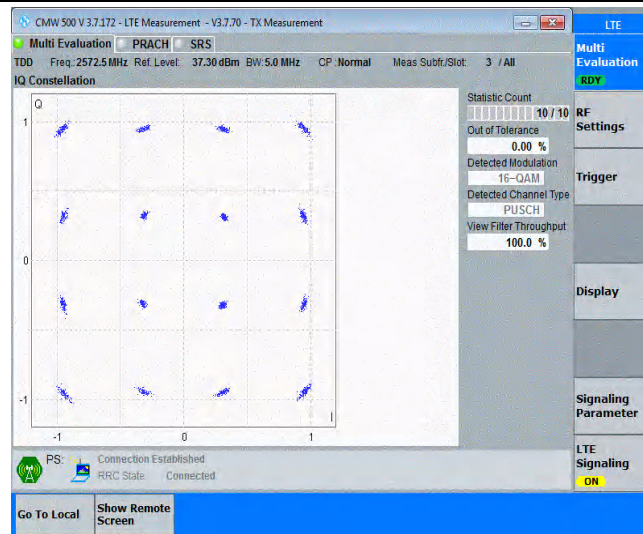
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band38	5MHz	QPSK	37775	25RB#0	PASS	PASS
Band38	5MHz	QPSK	38000	25RB#0	PASS	PASS
Band38	5MHz	QPSK	38225	25RB#0	PASS	PASS
Band38	5MHz	16QAM	37775	25RB#0	PASS	PASS
Band38	5MHz	16QAM	38000	25RB#0	PASS	PASS
Band38	5MHz	16QAM	38225	25RB#0	PASS	PASS
Band38	10MHz	QPSK	37800	50RB#0	PASS	PASS
Band38	10MHz	QPSK	38000	50RB#0	PASS	PASS
Band38	10MHz	QPSK	38200	50RB#0	PASS	PASS
Band38	10MHz	16QAM	37800	50RB#0	PASS	PASS
Band38	10MHz	16QAM	38000	50RB#0	PASS	PASS
Band38	10MHz	16QAM	38200	50RB#0	PASS	PASS
Band38	15MHz	QPSK	37825	75RB#0	PASS	PASS
Band38	15MHz	QPSK	38000	75RB#0	PASS	PASS
Band38	15MHz	QPSK	38175	75RB#0	PASS	PASS
Band38	15MHz	16QAM	37825	75RB#0	PASS	PASS
Band38	15MHz	16QAM	38000	75RB#0	PASS	PASS
Band38	15MHz	16QAM	38175	75RB#0	PASS	PASS
Band38	20MHz	QPSK	37850	100RB#0	PASS	PASS
Band38	20MHz	QPSK	38000	100RB#0	PASS	PASS
Band38	20MHz	QPSK	38150	100RB#0	PASS	PASS
Band38	20MHz	16QAM	37850	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38000	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38150	100RB#0	PASS	PASS

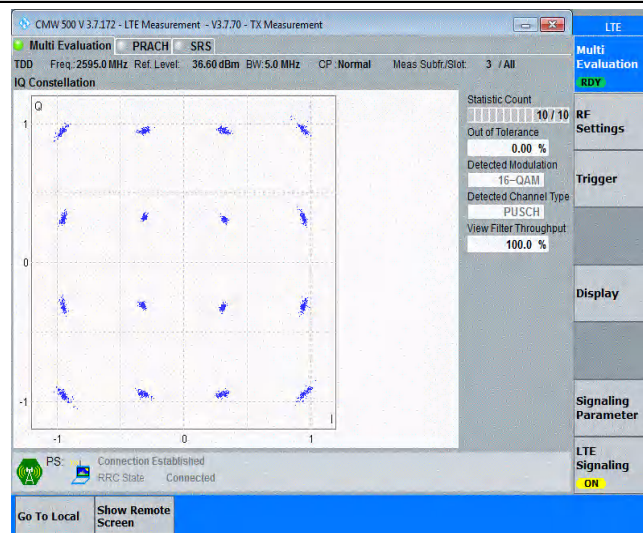
Test Graphs

Band38-5MHz-QPSK-37775-25RB#0**Band38-5MHz-QPSK-38000-25RB#0****Band38-5MHz-QPSK-38225-25RB#0**

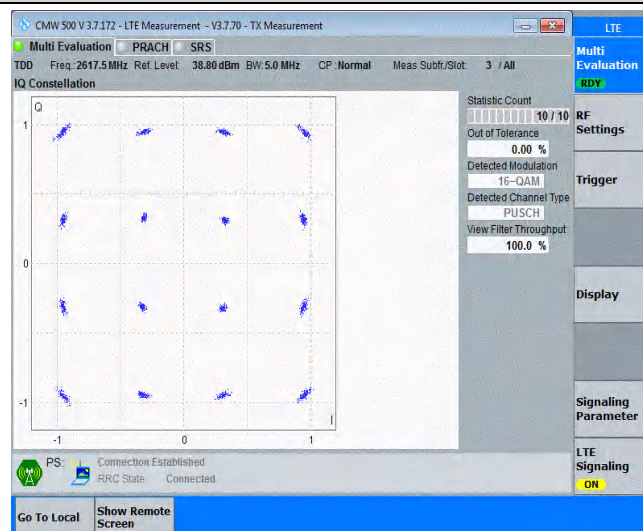
Band38-5MHz-16QAM-37775-25RB#0



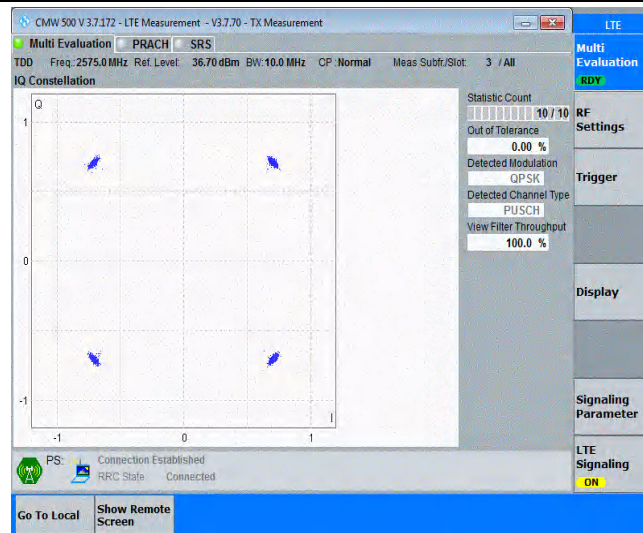
Band38-5MHz-16QAM-38000-25RB#0



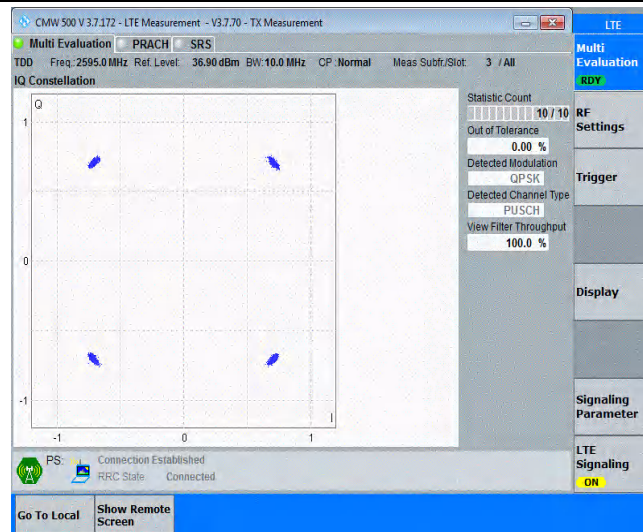
Band38-5MHz-16QAM-38225-25RB#0



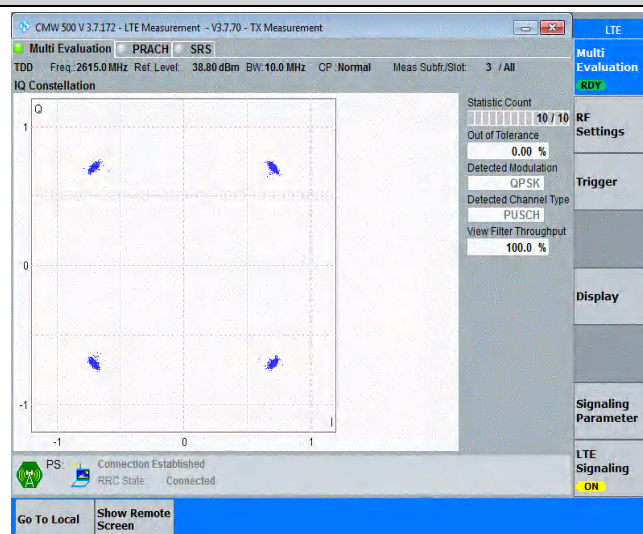
Band38-10MHz-QPSK-37800-50RB#0



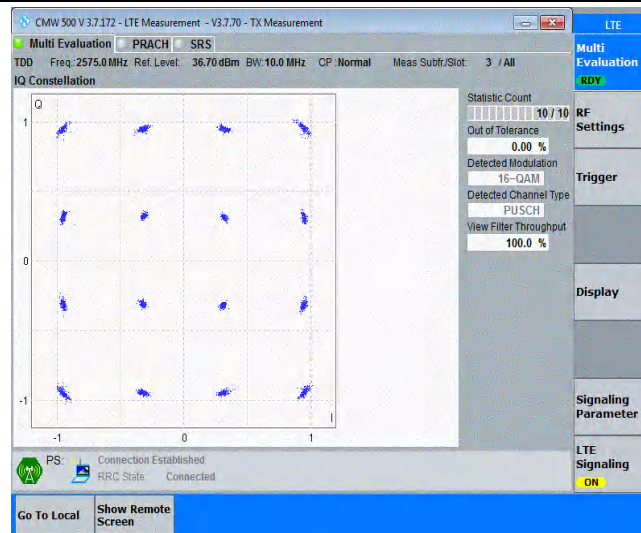
Band38-10MHz-QPSK-38000-50RB#0



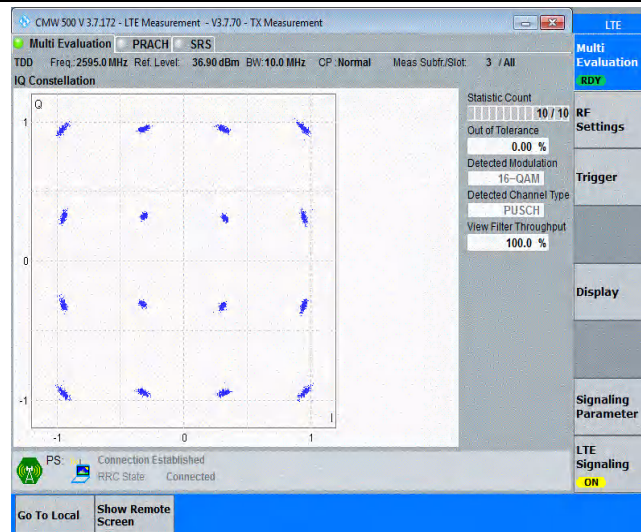
Band38-10MHz-QPSK-38200-50RB#0



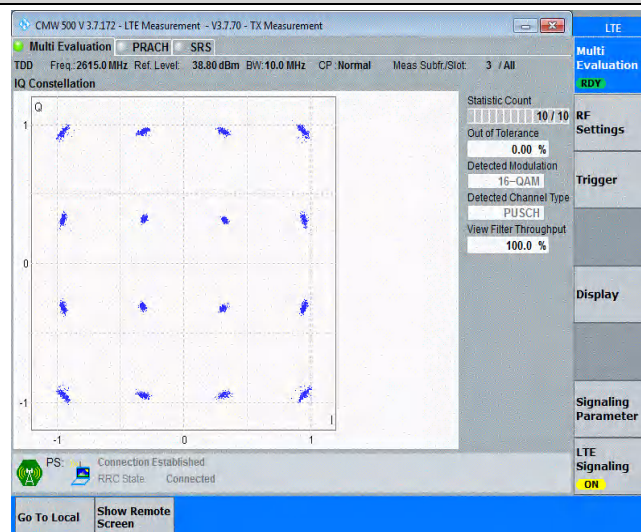
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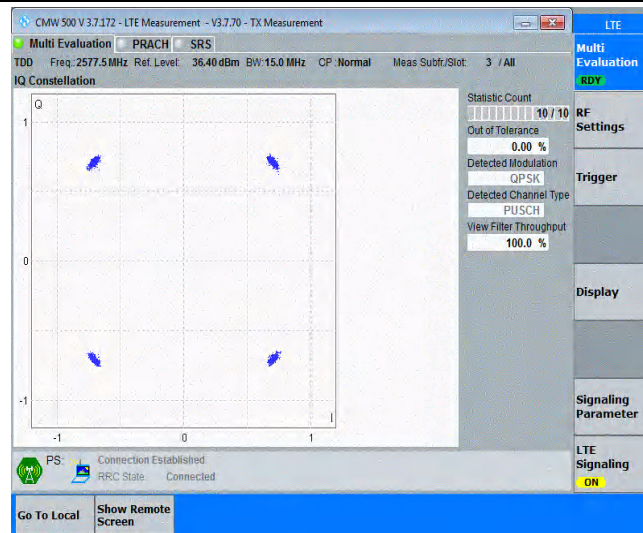
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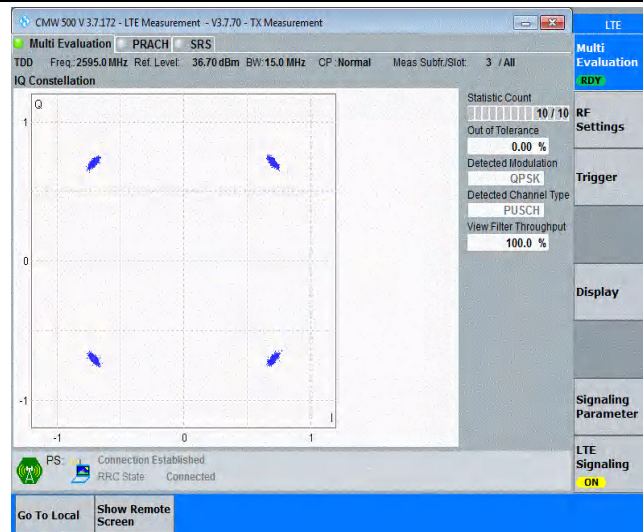
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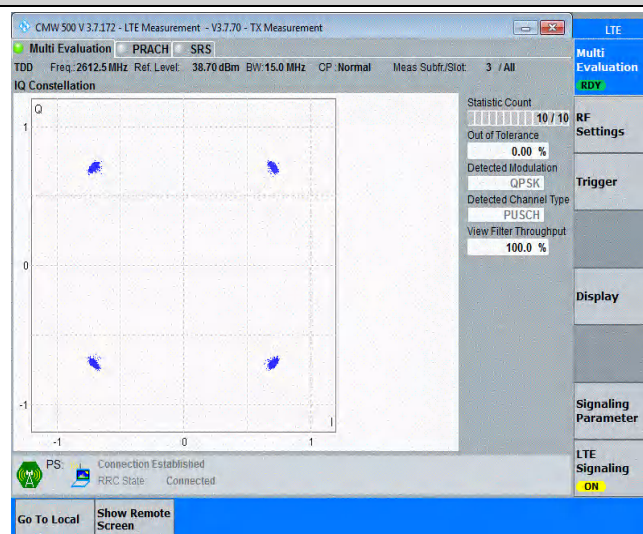
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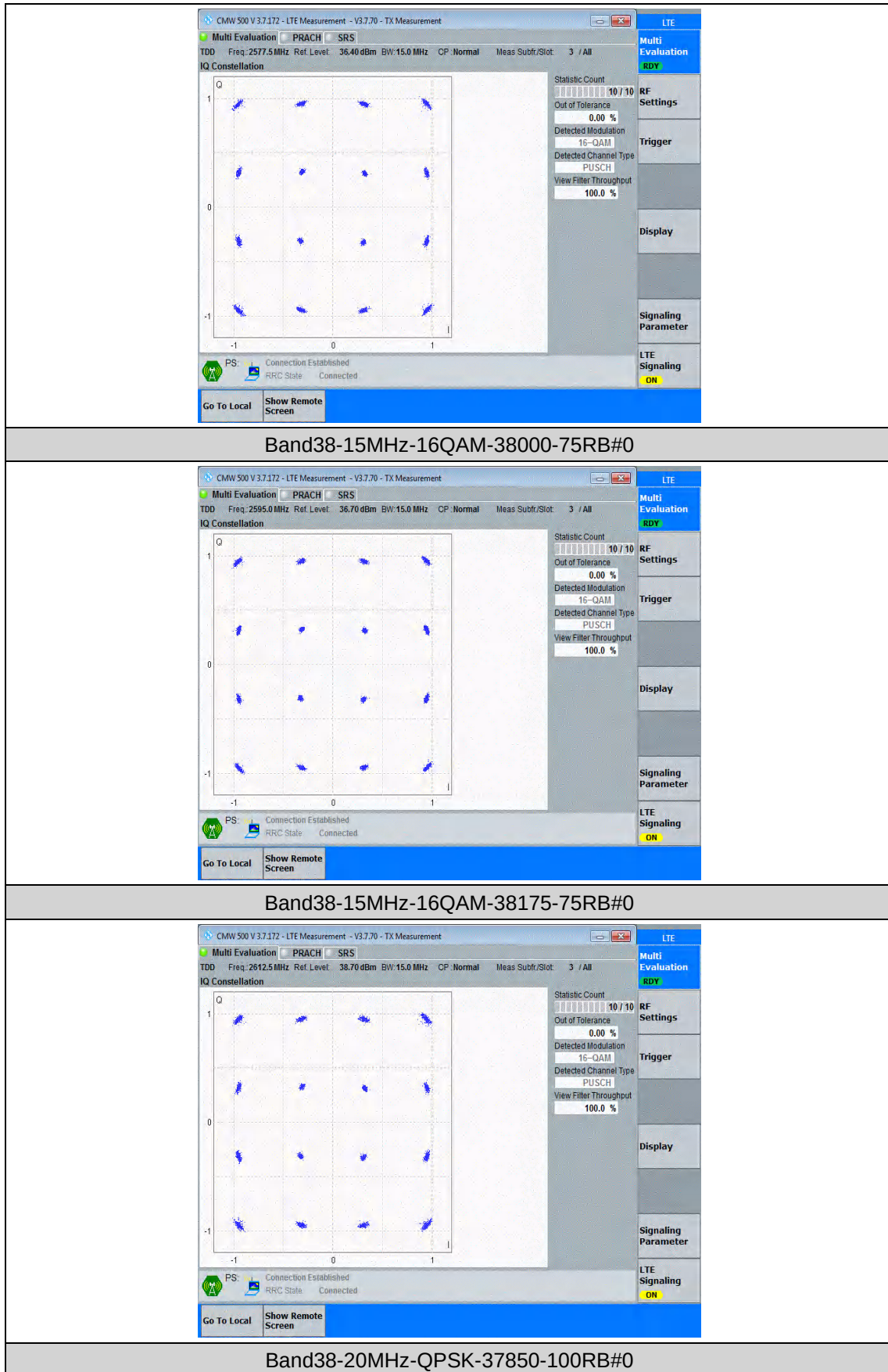
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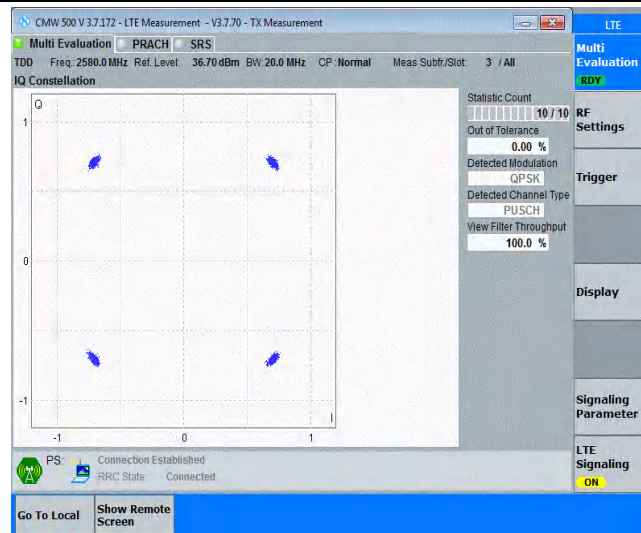


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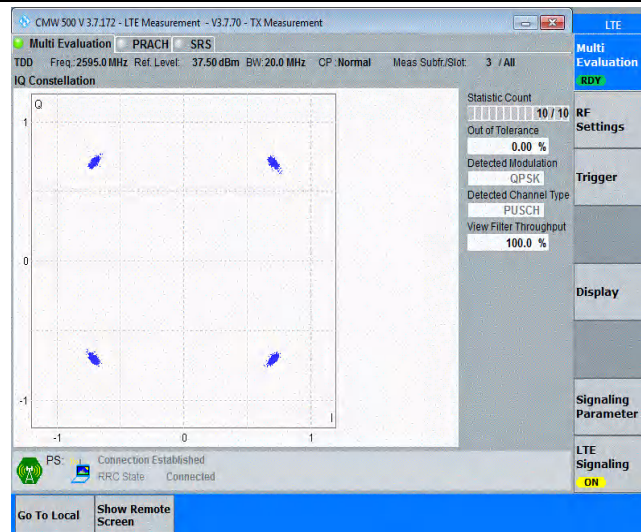


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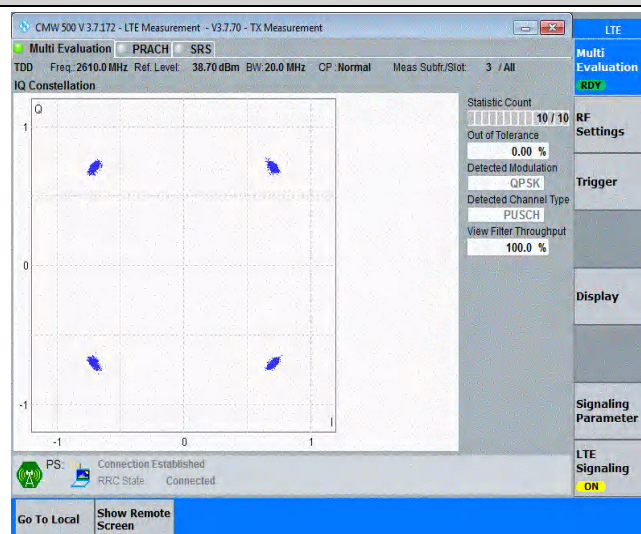




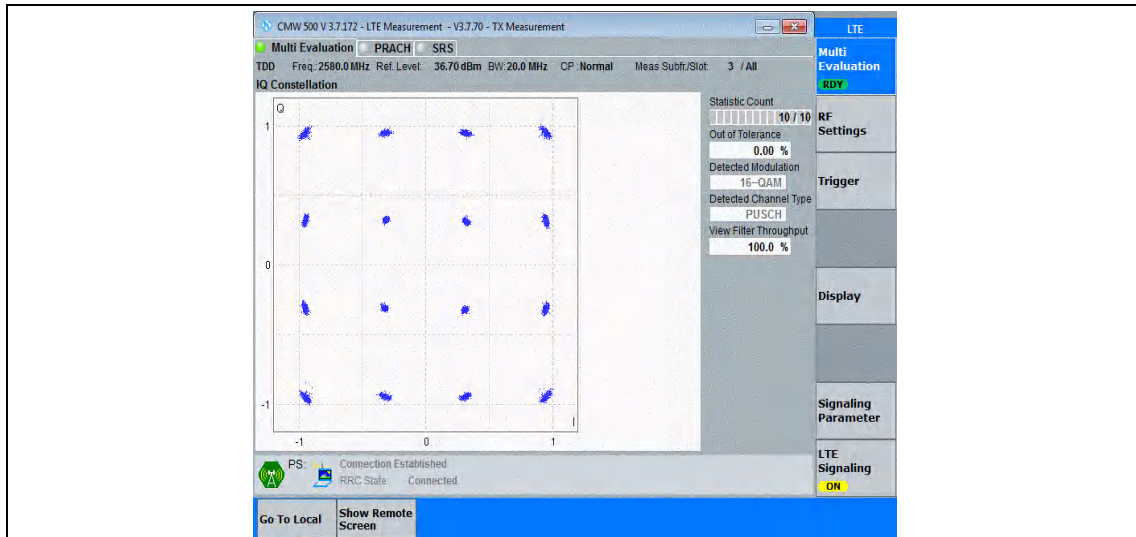
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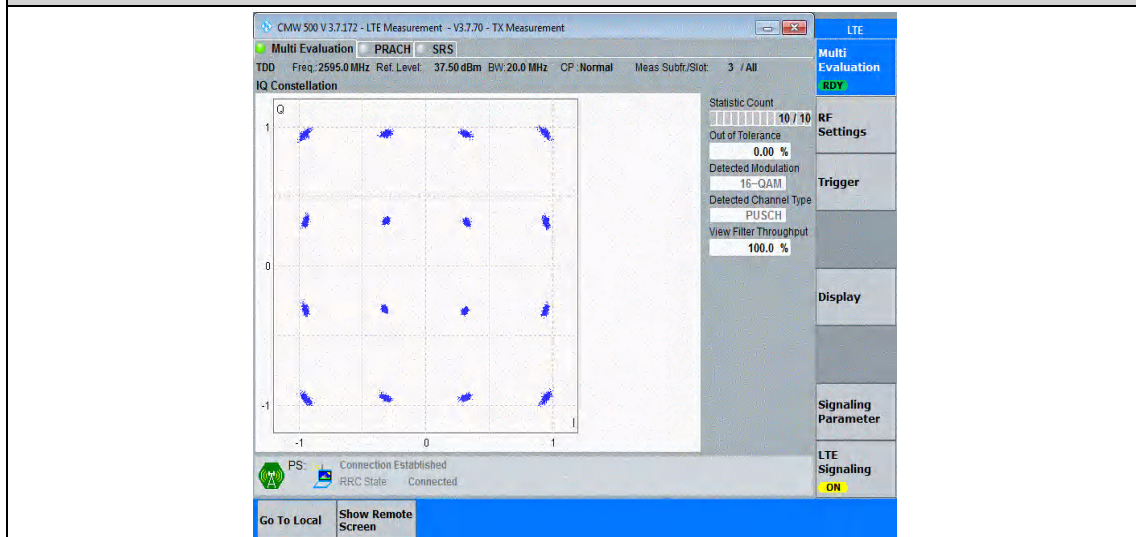
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Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0

