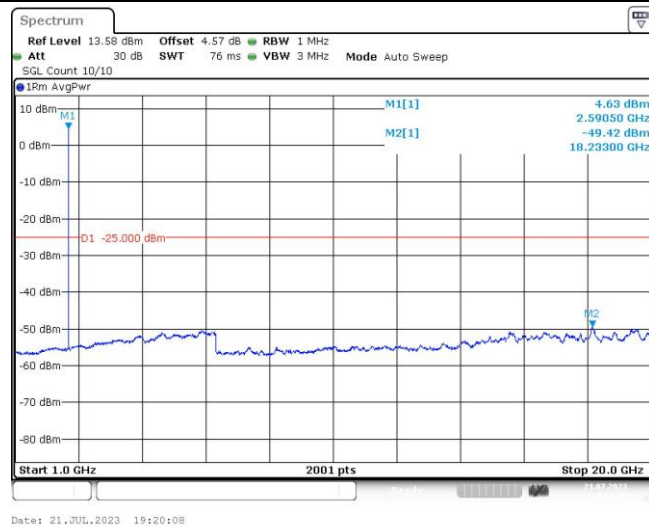
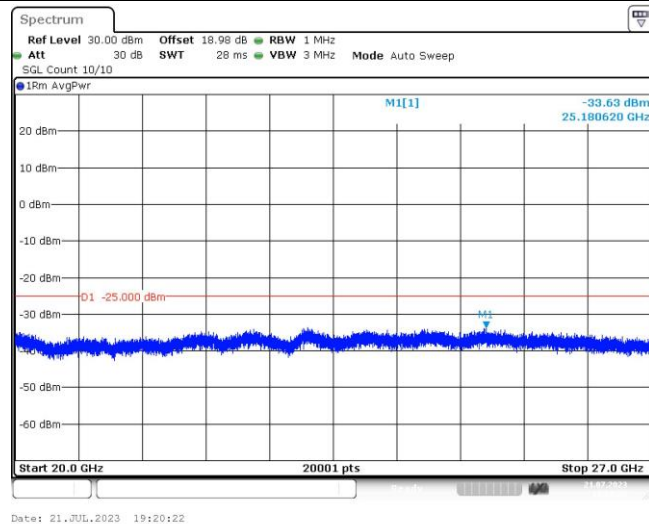
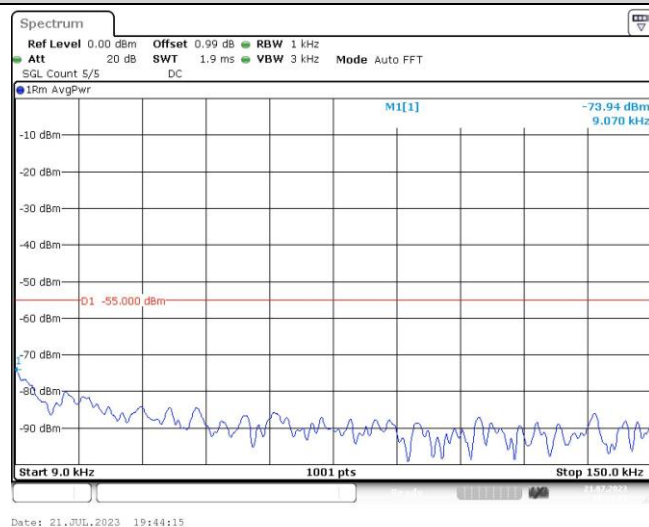




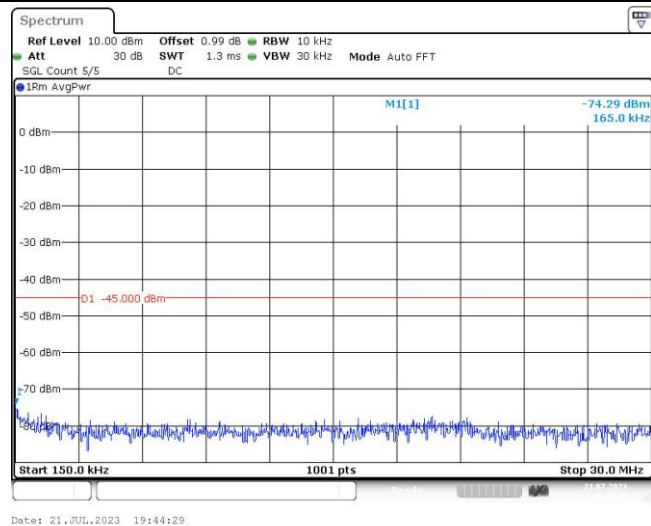
38-38-20MHz-20MHz-64QAM-64QAM-37901-38099-1RB#99-0RB#0-20000~27000MHz



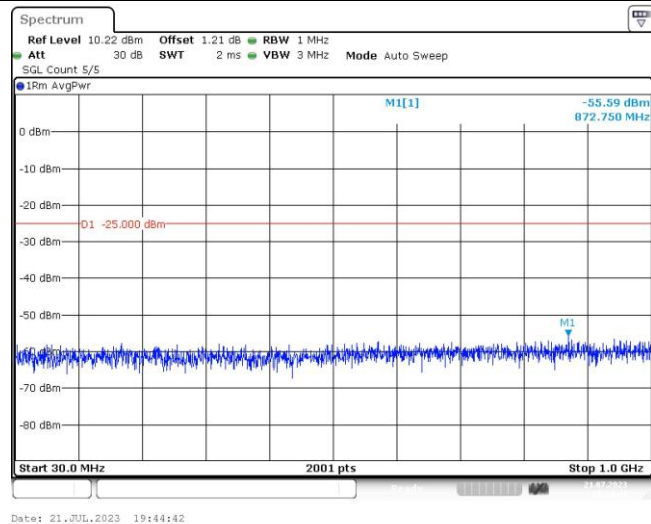
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0-0.009~0.15MHz



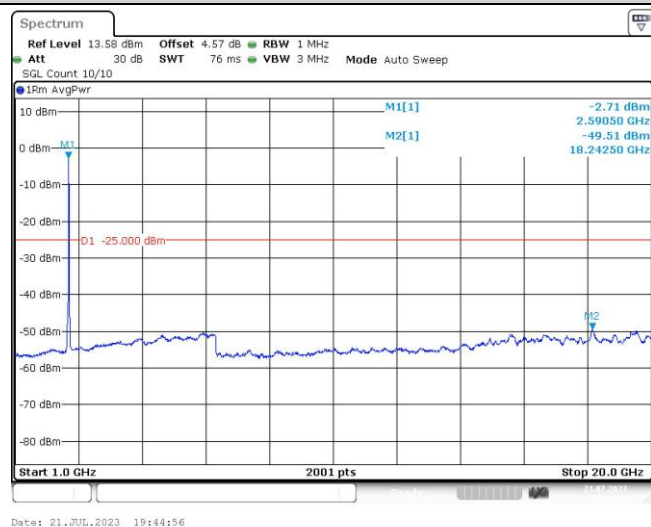
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0-0.15~30MHz



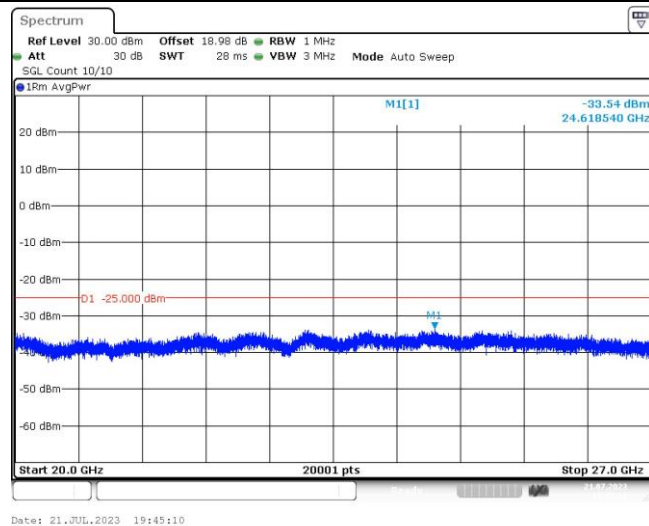
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0-30~1000MHz



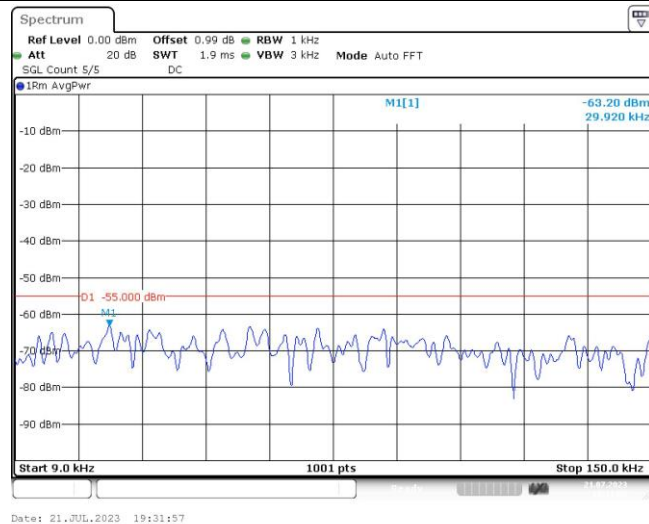
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0-1000~20000MHz



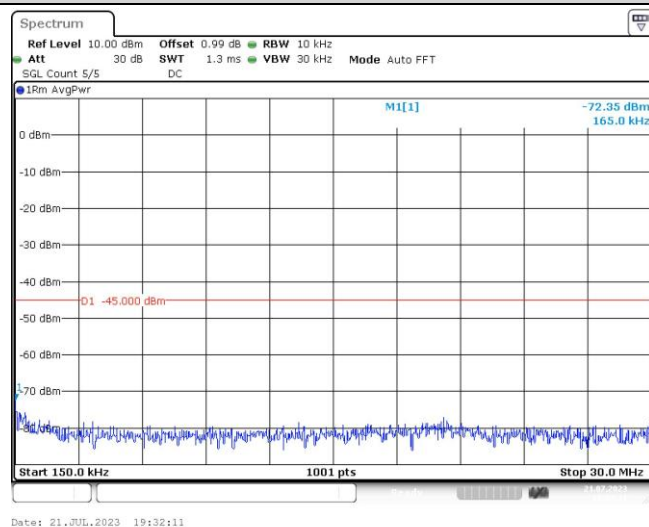
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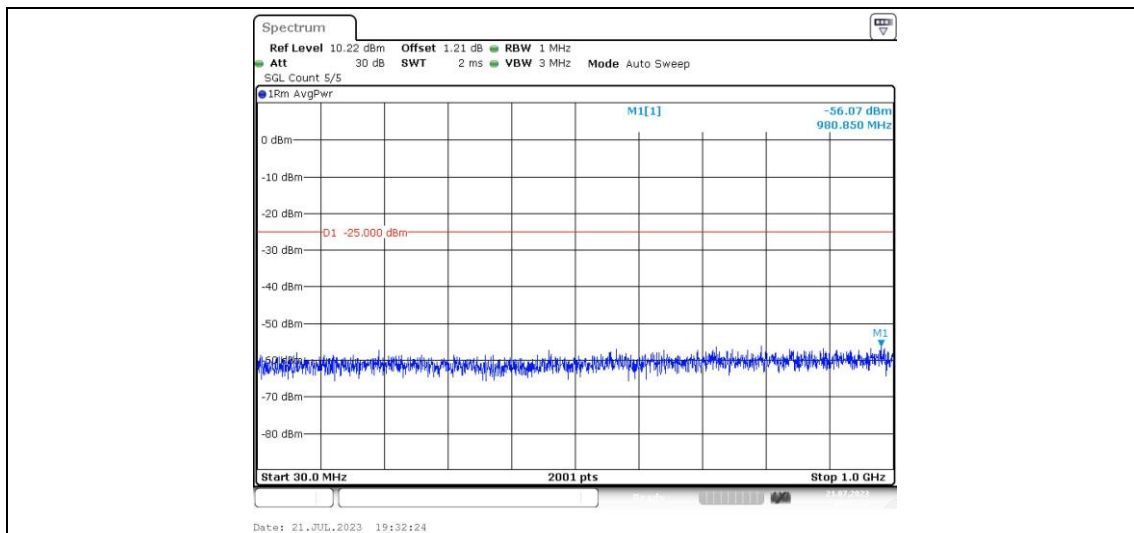
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-0RB#0-0.009~0.15MHz



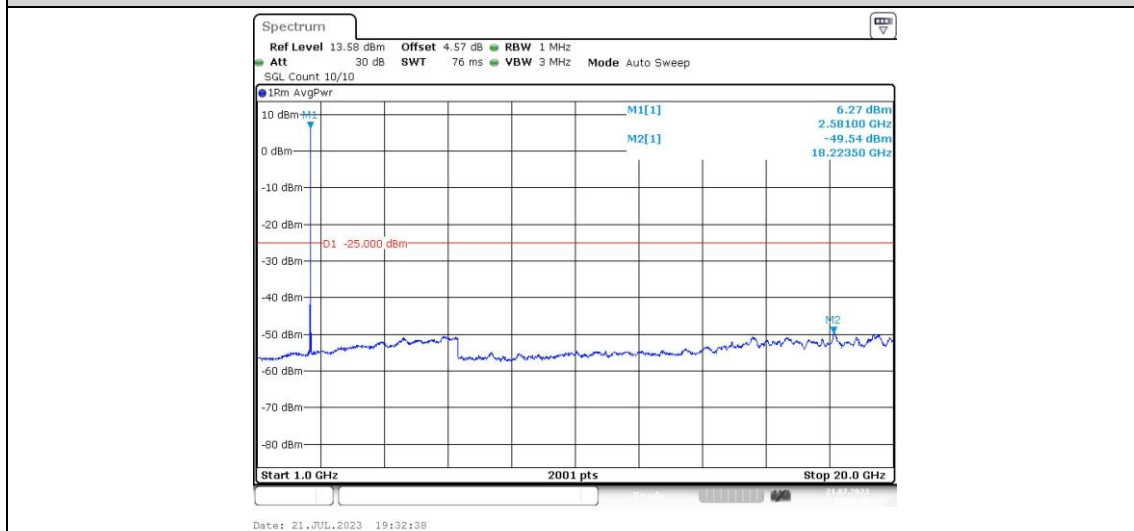
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-0RB#0-0.15~30MHz



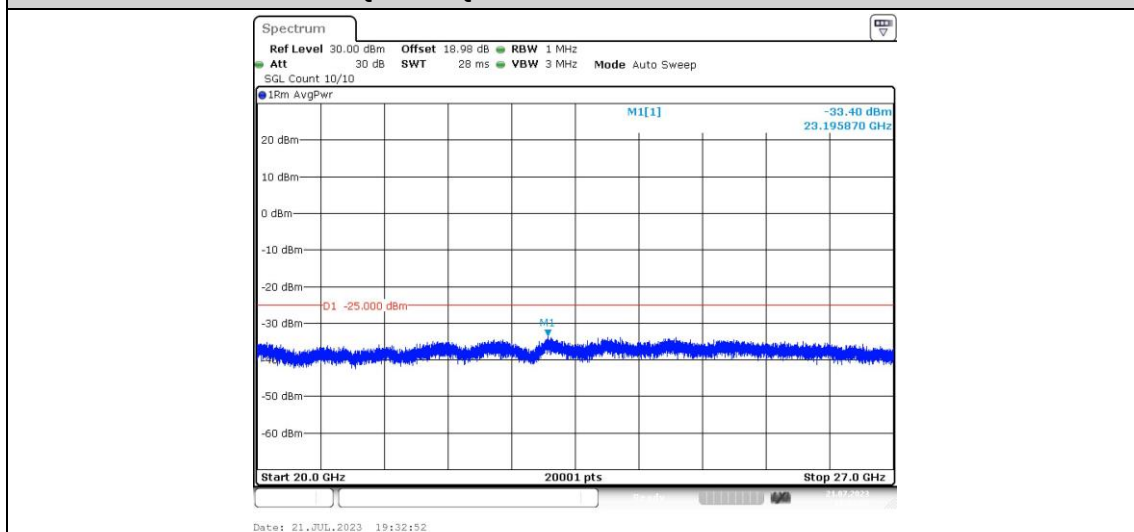
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-0RB#0-30~1000MHz



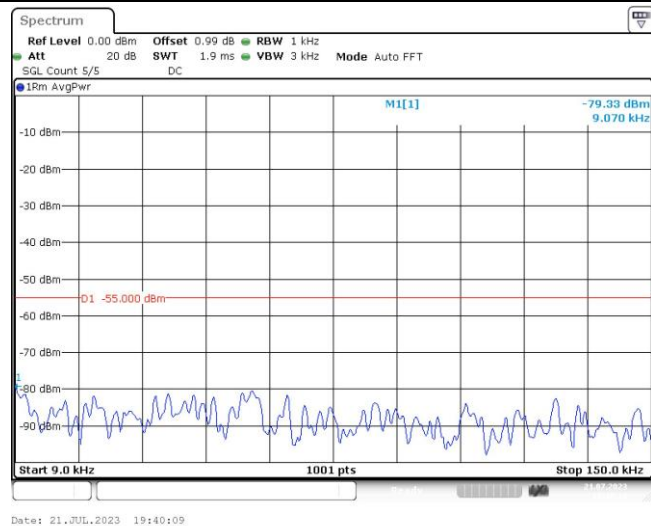
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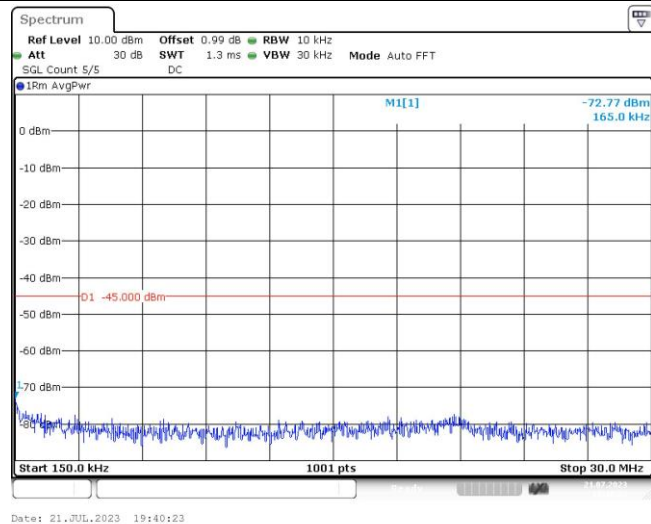
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-0RB#0-20000~27000MHz



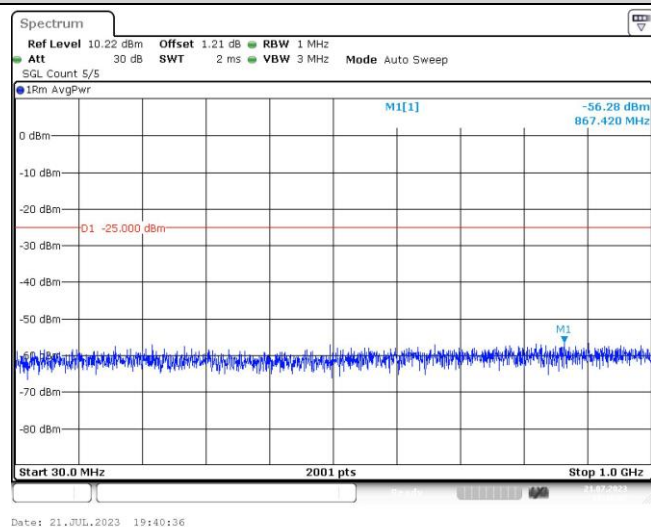
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-1RB#99-0.009~0.15MHz



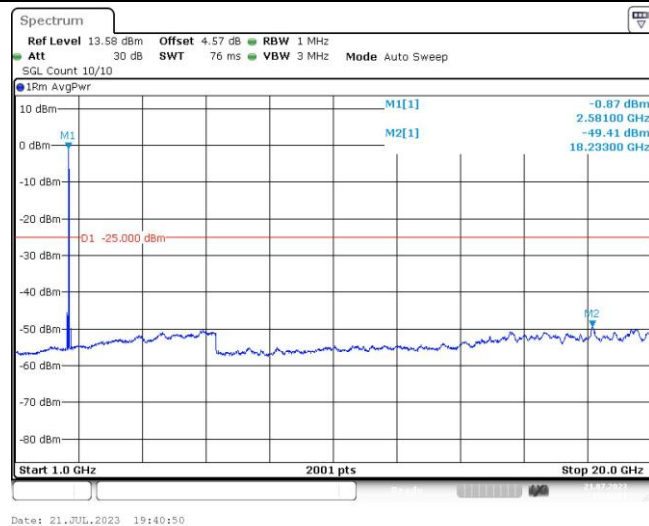
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-1RB#99-0.15~30MHz



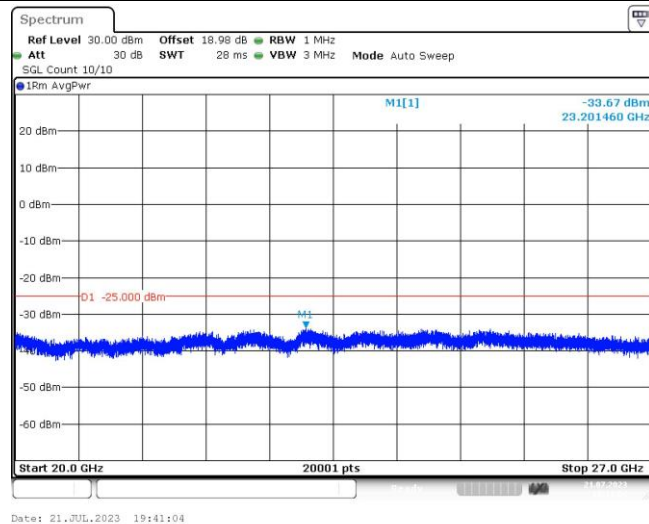
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-1RB#99-30~1000MHz



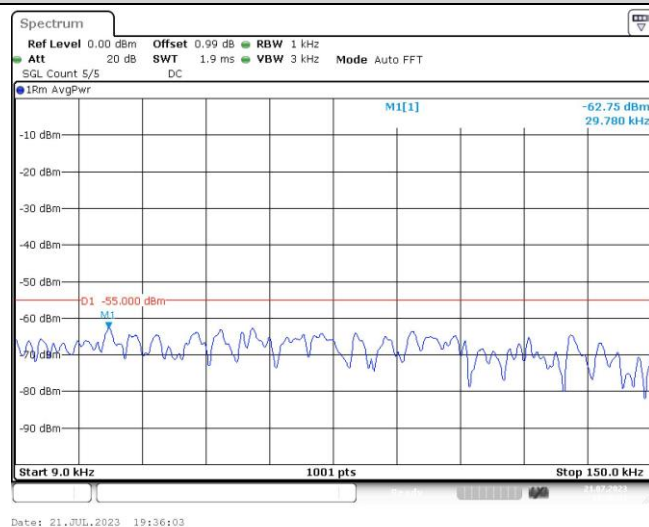
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-1RB#99-1000~20000MHz



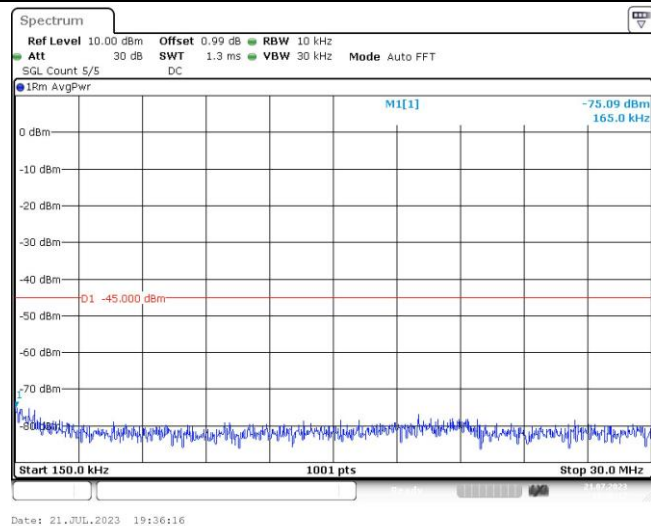
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#0-1RB#99-20000~27000MHz



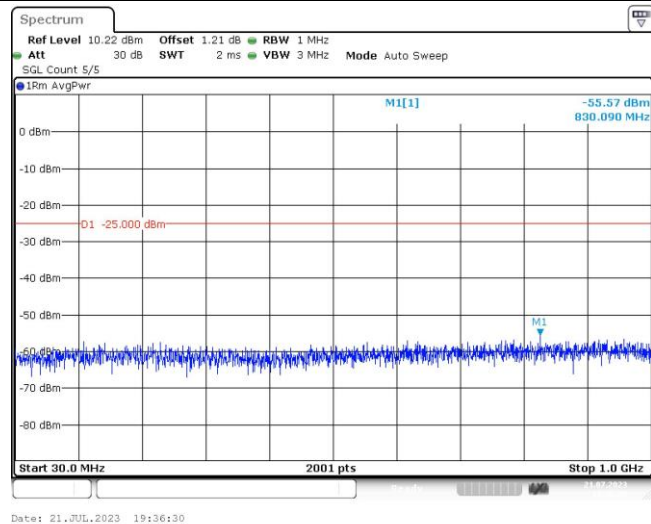
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#99-0RB#0-0.009~0.15MHz



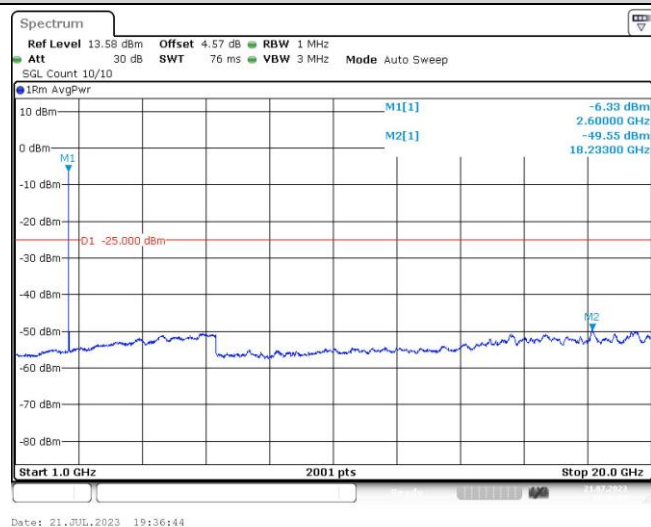
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#99-0RB#0-0.15~30MHz



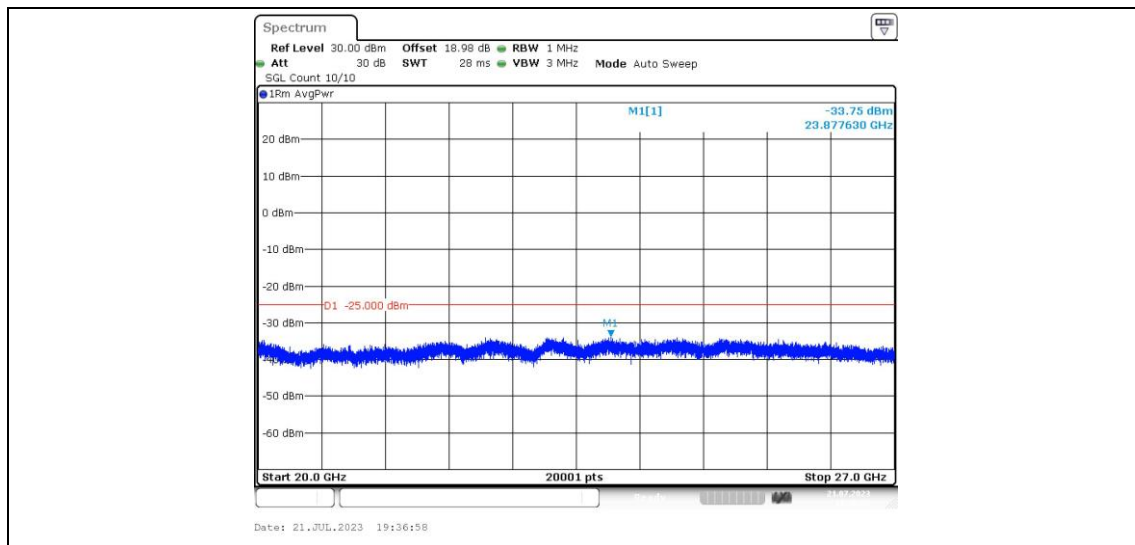
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#99-0RB#0-30~1000MHz



38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#99-0RB#0-1000~20000MHz



38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-1RB#99-0RB#0-20000~27000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	VL	NT	19.54	0.007581	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	VH	NT	21.04	0.008163	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	VN	NT	19.94	0.007736	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VN	NT	18.78	0.007258	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VL	NT	15.74	0.006083	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VH	NT	20.50	0.007923	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	VH	NT	21.07	0.008112	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	VL	NT	17.54	0.006753	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	VN	NT	19.17	0.007380	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VN	NT	17.41	0.006755	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VL	NT	16.55	0.006421	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VH	NT	19.63	0.007616	±2.5	PASS

		M	5							
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	VN	NT	19.33	0.007471	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	VL	NT	21.49	0.008305	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	VH	NT	19.80	0.007652	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	38025 -3817 5	75RB#0- 75RB#0	VN	NT	18.68	0.007192	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	38025 -3817 5	75RB#0- 75RB#0	VL	NT	16.28	0.006268	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	38025 -3817 5	75RB#0- 75RB#0	VH	NT	21.84	0.008408	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37825 -3797 5	75RB#0- 75RB#0	VH	NT	17.08	0.006627	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37825 -3797 5	75RB#0- 75RB#0	VL	NT	18.32	0.007108	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37825 -3797 5	75RB#0- 75RB#0	VN	NT	14.22	0.005517	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	VN	NT	18.38	0.007103	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	VL	NT	17.92	0.006926	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	VH	NT	18.28	0.007065	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	VL	NT	19.40	0.007469	±2.5	PASS
38-38	15MHz-15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	VH	NT	20.14	0.007754	±2.5	PASS

38-38	15MHz-15MHz	64QAM -64QAM	38025 -38175	75RB#0-75RB#0	VN	NT	15.92	0.006129	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850 -38048	100RB#0-100RB#0	VL	NT	20.61	0.007988	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850 -38048	100RB#0-100RB#0	VH	NT	22.80	0.008837	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850 -38048	100RB#0-100RB#0	VN	NT	20.90	0.008101	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901 -38099	100RB#0-100RB#0	VN	NT	21.93	0.008483	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901 -38099	100RB#0-100RB#0	VL	NT	20.47	0.007918	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901 -38099	100RB#0-100RB#0	VH	NT	21.46	0.008301	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952 -38150	100RB#0-100RB#0	VH	NT	21.74	0.008393	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952 -38150	100RB#0-100RB#0	VL	NT	26.55	0.010250	±2.5	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952 -38150	100RB#0-100RB#0	VN	NT	22.96	0.008864	±2.5	PASS
38-38	20MHz-20MHz	16QAM -16QAM	37850 -38048	100RB#0-100RB#0	VN	NT	20.10	0.007791	±2.5	PASS
38-38	20MHz-20MHz	16QAM -16QAM	37850 -38048	100RB#0-100RB#0	VL	NT	22.97	0.008903	±2.5	PASS
38-38	20MHz-20MHz	16QAM -16QAM	37850 -38048	100RB#0-100RB#0	VH	NT	21.01	0.008143	±2.5	PASS
38-38	20MHz-20MHz	16QAM -16QAM	37901 -38099	100RB#0-100RB#0	VN	NT	20.84	0.008062	±2.5	PASS
38-38	20MHz-20MHz	16QAM	37901	100RB#0	VL	NT	24.33	0.009412	±2.5	PASS

	20MHz	-16QA M	-3809 9	-100RB# 0						
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	VH	NT	22.40	0.008665	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	VN	NT	20.89	0.008065	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	VL	NT	25.23	0.009741	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	VH	NT	22.87	0.008829	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	VH	NT	22.72	0.008806	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	VL	NT	22.70	0.008798	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	VN	NT	20.81	0.008066	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	VN	NT	20.51	0.007934	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	VL	NT	24.98	0.009663	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	VH	NT	20.38	0.007884	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	VH	NT	23.59	0.009107	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	VN	NT	21.76	0.008401	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	VL	NT	22.39	0.008644	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-30	17.34	0.006727	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-20	21.51	0.008345	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-10	21.82	0.008466	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	0	20.13	0.007810	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	10	17.97	0.006972	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	20	19.37	0.007515	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	30	20.34	0.007891	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-50	18.58	0.007209	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	30	17.90	0.006918	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	-50	19.84	0.007668	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	-30	24.39	0.009426	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	-20	21.00	0.008116	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	-10	17.28	0.006678	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	NV	0	16.42	0.006346	±2.5	PASS

	15MHz	QPSK	-3807 5	75RB#0						
38-38	15MHz- 15MHz	QPSK- QPSK	37925 -3807 5	75RB#0- 75RB#0	NV	20	18.87	0.007293	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	37925 -3807 5	75RB#0- 75RB#0	NV	10	21.77	0.008414	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	-10	21.50	0.008277	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	30	18.45	0.007103	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	-50	20.46	0.007877	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	-30	20.51	0.007896	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	-20	19.88	0.007654	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	0	20.37	0.007842	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	20	19.61	0.007550	±2.5	PASS
38-38	15MHz- 15MHz	QPSK- QPSK	38025 -3817 5	75RB#0- 75RB#0	NV	10	17.58	0.006768	±2.5	PASS
38-38	15MHz- 15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	30	17.58	0.006821	±2.5	PASS
38-38	15MHz- 15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	20	21.24	0.008241	±2.5	PASS
38-38	15MHz- 15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	10	18.42	0.007146	±2.5	PASS
38-38	15MHz- 15MHz	16QAM -16QA	37825 -3797	75RB#0- 75RB#0	NV	0	17.64	0.006844	±2.5	PASS

		M	5							
38-38	15MHz-15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	-10	19.40	0.007527	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	-20	19.08	0.007403	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	-30	21.66	0.008403	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37825 -3797 5	75RB#0- 75RB#0	NV	-50	18.15	0.007042	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	0	16.99	0.006566	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-10	19.58	0.007567	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	30	23.05	0.008908	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	20	18.91	0.007308	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	10	24.73	0.009557	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-20	23.42	0.009051	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-30	22.09	0.008537	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-50	18.60	0.007188	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	38025 -3817 5	75RB#0- 75RB#0	NV	0	20.47	0.007881	±2.5	PASS
38-38	15MHz-15MHz	16QAM -16QA M	38025 -3817 5	75RB#0- 75RB#0	NV	-50	18.73	0.007211	±2.5	PASS

38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	-30	17.91	0.006895	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	-10	24.25	0.009336	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	10	22.04	0.008485	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	20	19.40	0.007469	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	30	22.03	0.008481	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	NV	-20	17.94	0.006907	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-10	21.36	0.008287	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	0	20.91	0.008113	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-50	19.21	0.007453	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-20	21.60	0.008380	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-30	16.18	0.006277	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	20	20.30	0.007876	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	30	18.65	0.007236	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	10	21.17	0.008213	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-37975	75RB#0-75RB#0	NV	-20	19.64	0.007590	±2.5	PASS

	15MHz	-64QA M	-3807 5	75RB#0						
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-30	18.51	0.007154	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-10	22.23	0.008591	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	0	20.77	0.008027	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	10	23.03	0.008900	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	20	21.23	0.008205	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	30	17.78	0.006871	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	37925 -3807 5	75RB#0- 75RB#0	NV	-50	17.98	0.006949	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	30	17.47	0.006726	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	-50	19.04	0.007330	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	-30	20.51	0.007896	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	-20	17.95	0.006910	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	-10	21.84	0.008408	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	0	19.18	0.007384	±2.5	PASS
38-38	15MHz- 15MHz	64QAM -64QA	38025 -3817	75RB#0- 75RB#0	NV	10	19.74	0.007600	±2.5	PASS

		M	5							
38-38	15MHz- 15MHz	64QAM -64QA M	38025 -3817 5	75RB#0- 75RB#0	NV	20	17.85	0.006872	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	-30	20.79	0.008058	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	-20	20.79	0.008058	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	-10	24.60	0.009535	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	0	23.17	0.008981	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	10	21.26	0.008240	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	20	24.10	0.009341	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	30	21.90	0.008488	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37850 -3804 8	100RB#0 -100RB# 0	NV	-50	19.86	0.007698	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	30	22.66	0.008766	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	-50	20.96	0.008108	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	-30	20.93	0.008096	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	-20	23.89	0.009241	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	-10	20.89	0.008081	±2.5	PASS

38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	0	26.51	0.010255	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	20	22.34	0.008642	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37901 -3809 9	100RB#0 -100RB# 0	NV	10	26.45	0.010232	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	-20	25.26	0.009752	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	20	25.81	0.009964	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	-50	23.06	0.008903	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	-30	22.24	0.008586	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	10	25.18	0.009721	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	30	23.86	0.009212	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	0	21.60	0.008339	±2.5	PASS
38-38	20MHz- 20MHz	QPSK- QPSK	37952 -3815 0	100RB#0 -100RB# 0	NV	-10	24.22	0.009351	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	10	22.76	0.008822	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-50	21.21	0.008221	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-30	25.15	0.009748	±2.5	PASS
38-38	20MHz- 20MHz	16QAM	37850	100RB#0	NV	-20	22.23	0.008616	±2.5	PASS

	20MHz	-16QA M	-3804 8	-100RB# 0						
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	0	21.50	0.008333	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	20	23.07	0.008942	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	30	21.83	0.008461	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-10	22.96	0.008899	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-10	22.33	0.008638	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	30	26.12	0.010104	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	20	20.11	0.007779	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	0	22.42	0.008673	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-20	18.25	0.007060	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-30	24.22	0.009369	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-50	22.27	0.008615	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	10	20.76	0.008031	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	30	20.69	0.007988	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA	37952 -3815	100RB#0 -100RB#	NV	20	22.03	0.008505	±2.5	PASS

		M	0	0						
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	10	21.21	0.008189	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	0	26.36	0.010177	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-10	22.73	0.008775	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-20	21.47	0.008289	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-30	23.88	0.009219	±2.5	PASS
38-38	20MHz- 20MHz	16QAM -16QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-50	25.65	0.009903	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-20	20.14	0.007806	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-30	22.22	0.008612	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-10	22.93	0.008888	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	10	22.12	0.008574	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	20	22.75	0.008818	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	30	21.37	0.008283	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	-50	26.46	0.010256	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37850 -3804 8	100RB#0 -100RB# 0	NV	0	22.52	0.008729	±2.5	PASS

38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-10	22.17	0.008576	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-50	21.59	0.008352	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-20	23.23	0.008986	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	0	20.96	0.008108	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	10	23.66	0.009152	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	20	20.93	0.008096	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	30	21.84	0.008448	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37901 -3809 9	100RB#0 -100RB# 0	NV	-30	20.40	0.007891	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	30	19.57	0.007555	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-50	19.18	0.007405	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-30	24.33	0.009393	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-20	20.56	0.007938	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	-10	20.60	0.007953	±2.5	PASS
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	0	22.79	0.008799	±2.5	PASS
38-38	20MHz-	64QAM	37952	100RB#0	NV	10	26.65	0.010289	±2.5	PASS

	20MHz	-64QA M	-3815 0	-100RB# 0						
38-38	20MHz- 20MHz	64QAM -64QA M	37952 -3815 0	100RB#0 -100RB# 0	NV	20	25.08	0.009683	±2.5	PASS