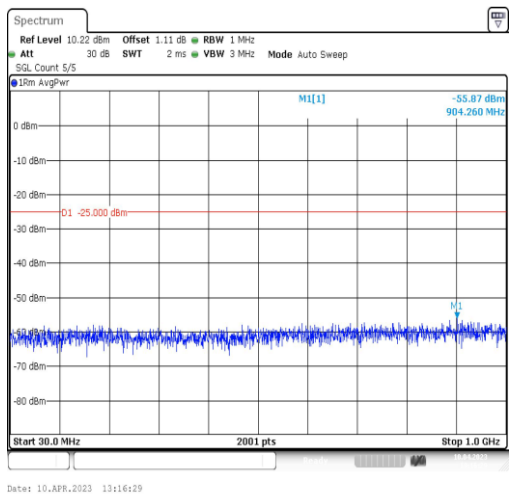
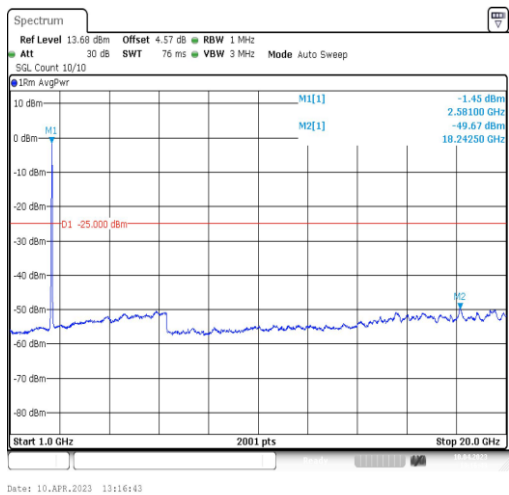
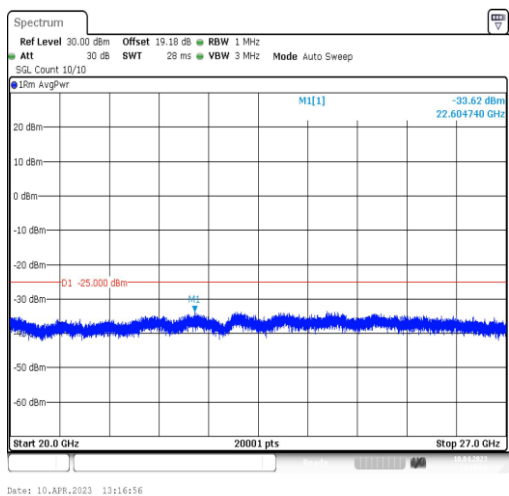




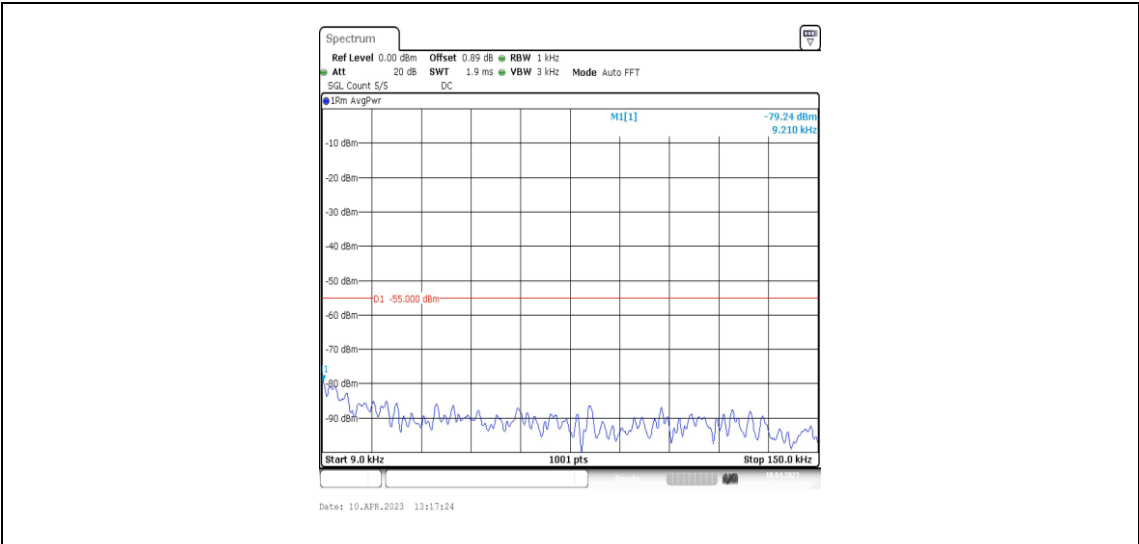
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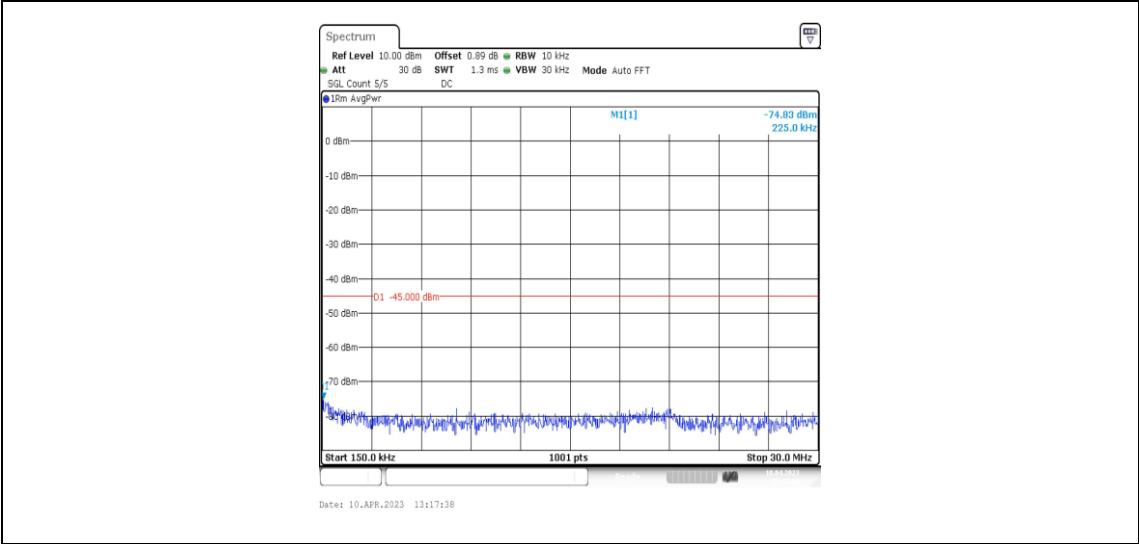
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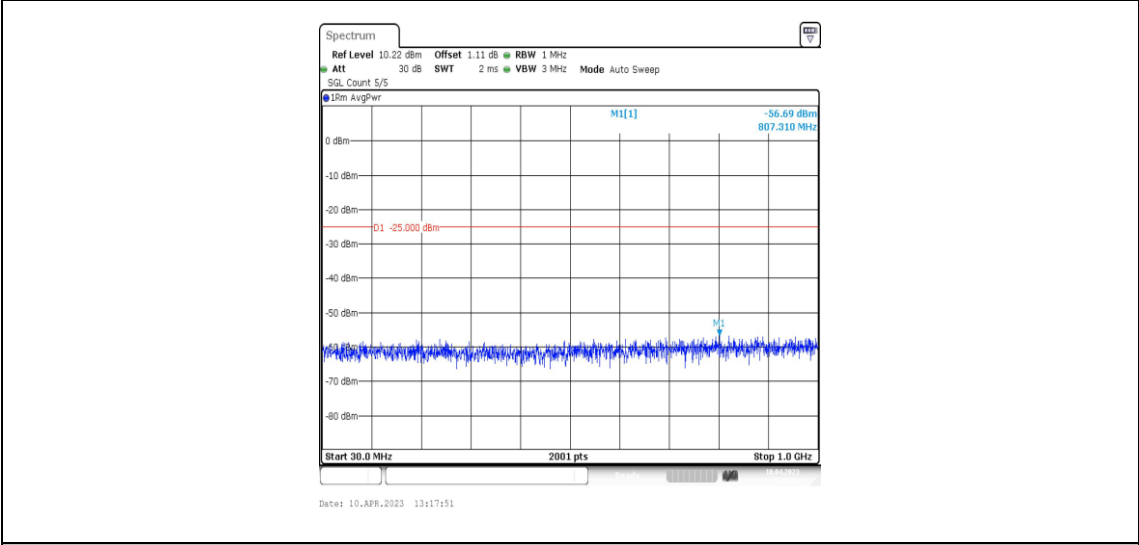
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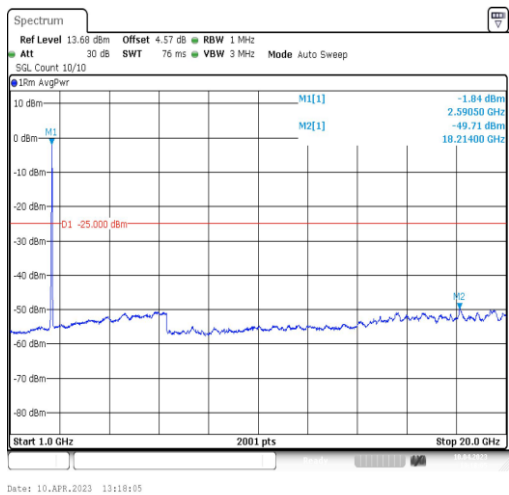
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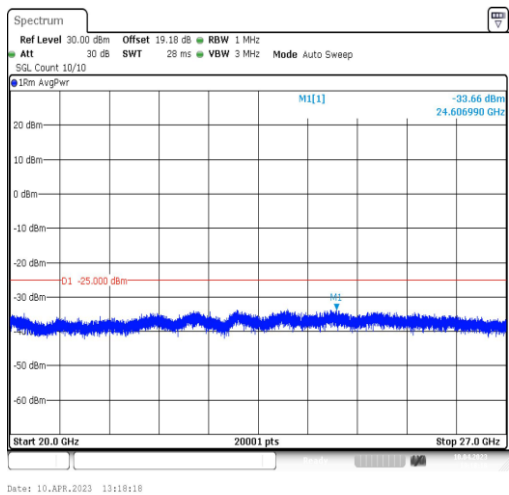
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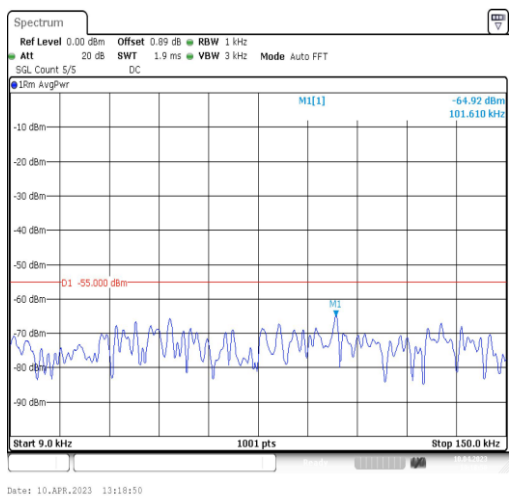
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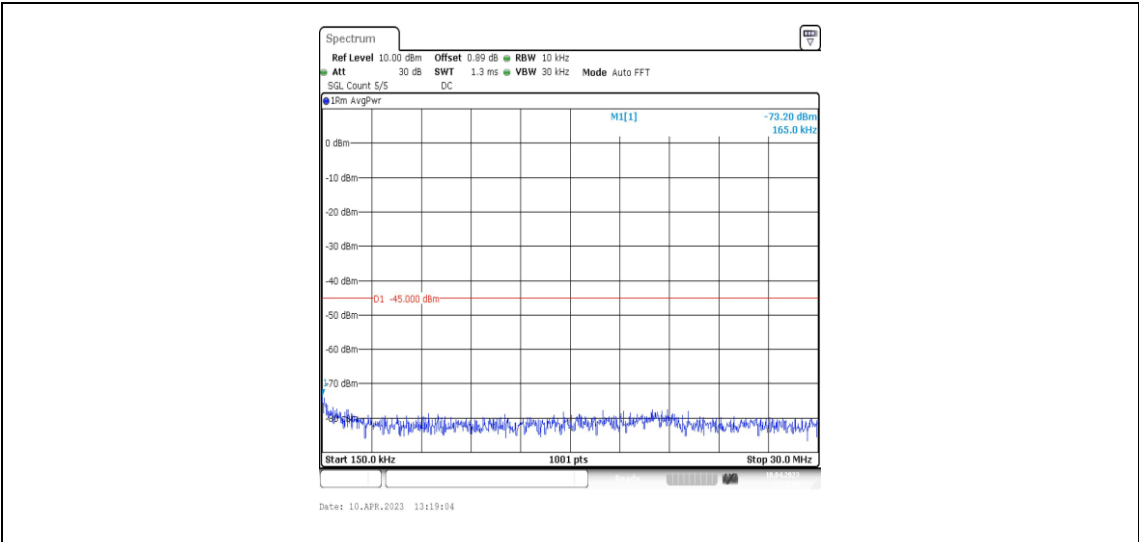
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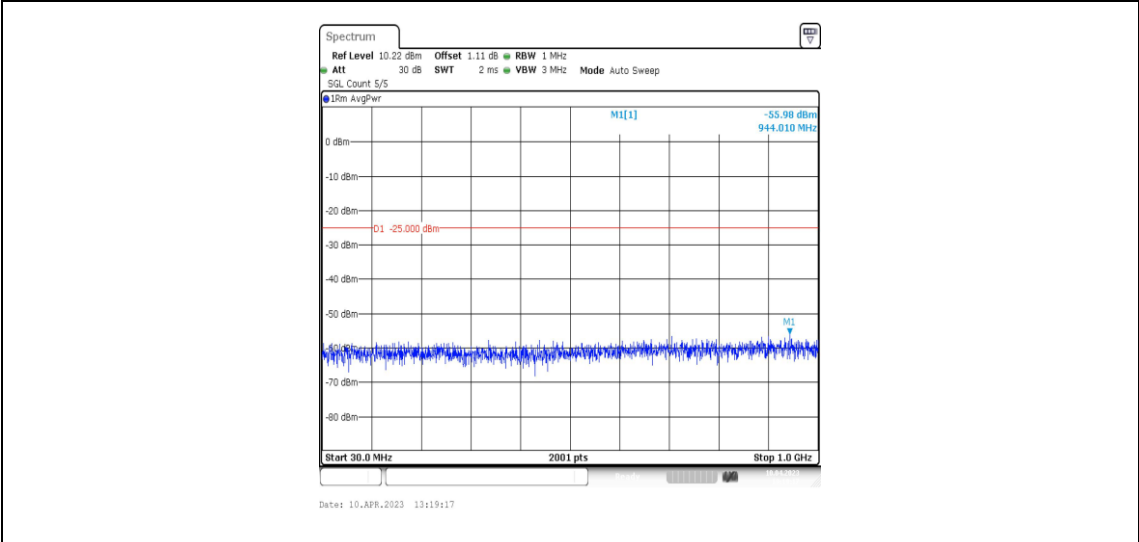
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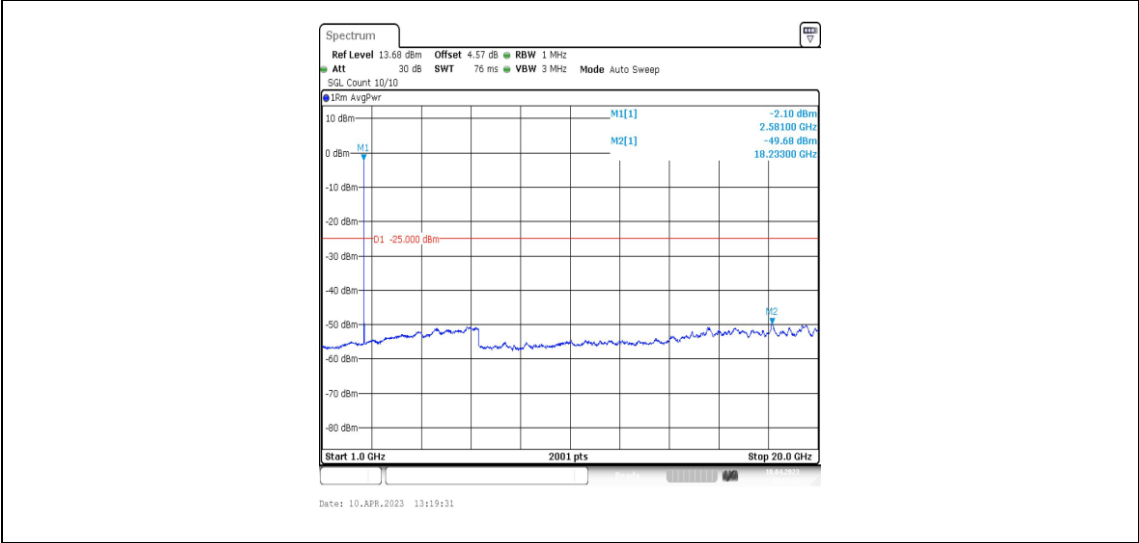
20MHz-20MHz-37952-38150



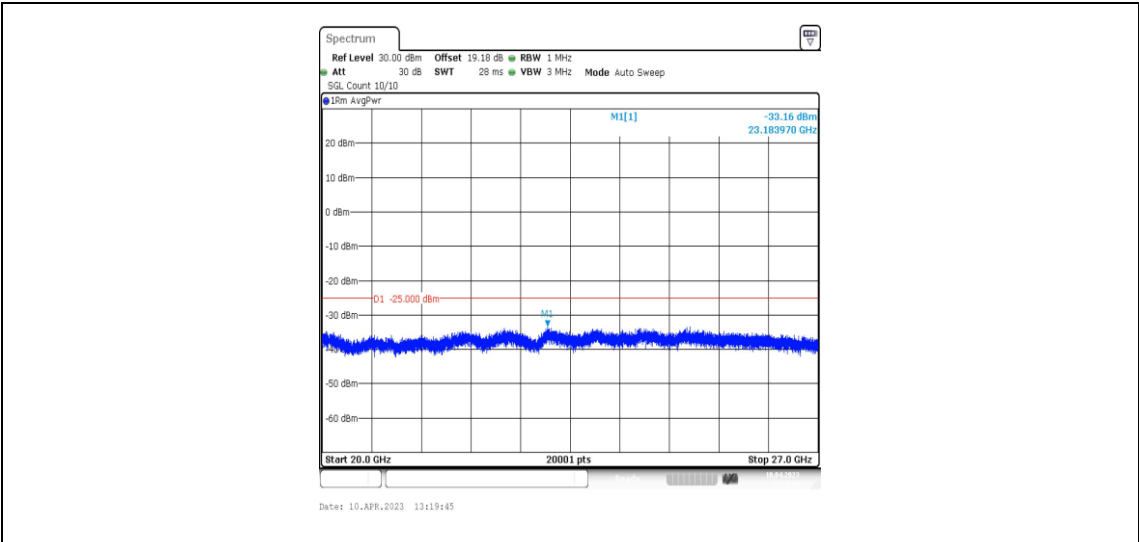
20MHz-20MHz-37952-38150



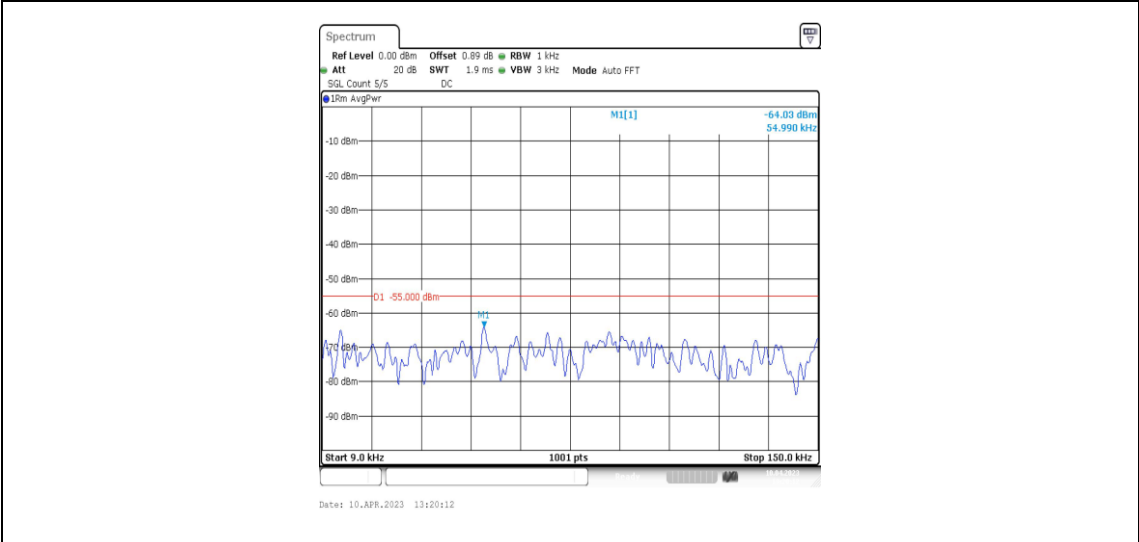
20MHz-20MHz-37952-38150



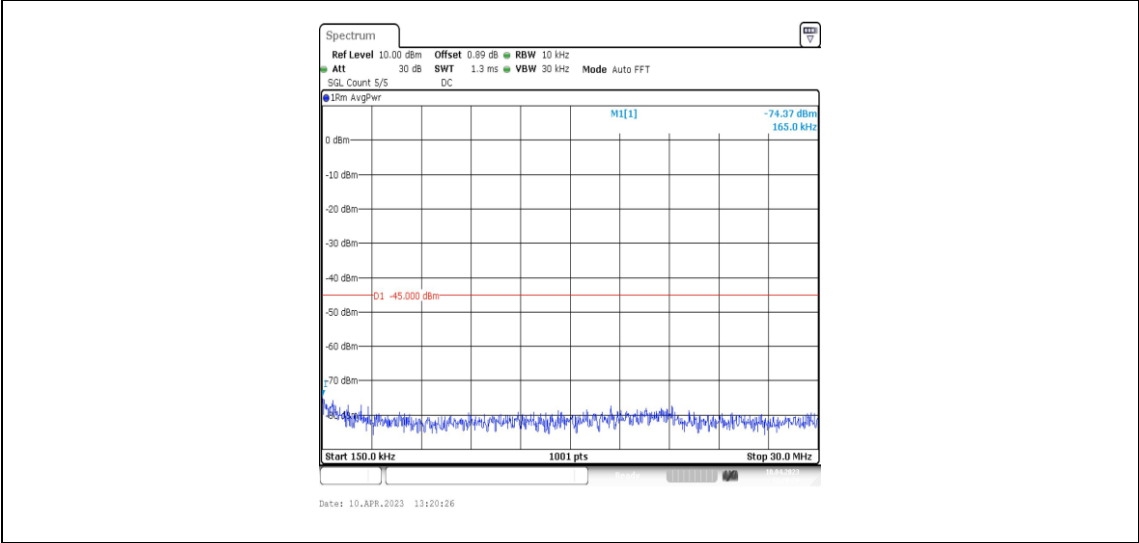
20MHz-20MHz-37952-38150



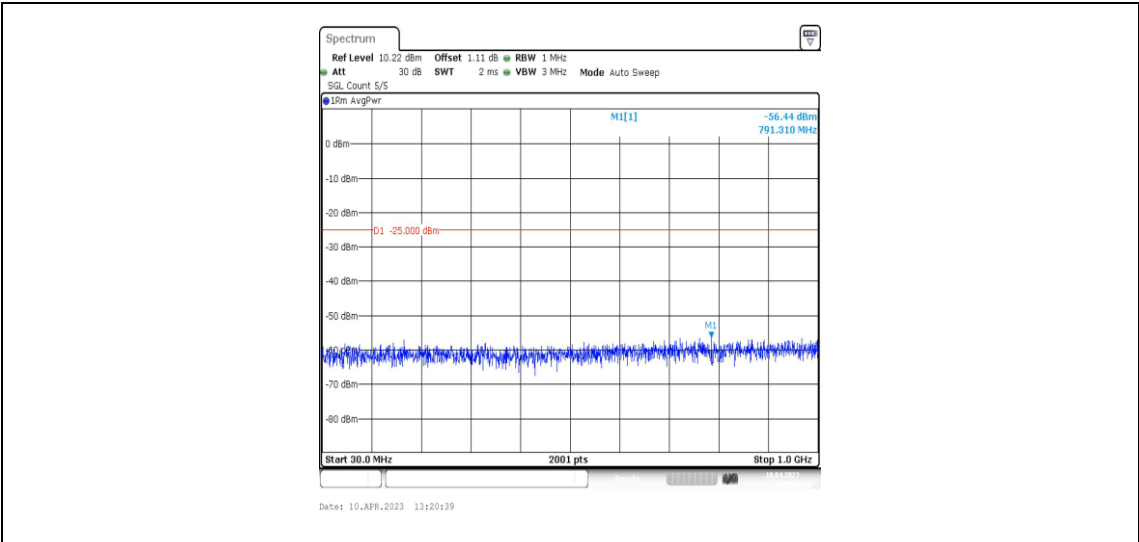
20MHz-20MHz-37952-38150



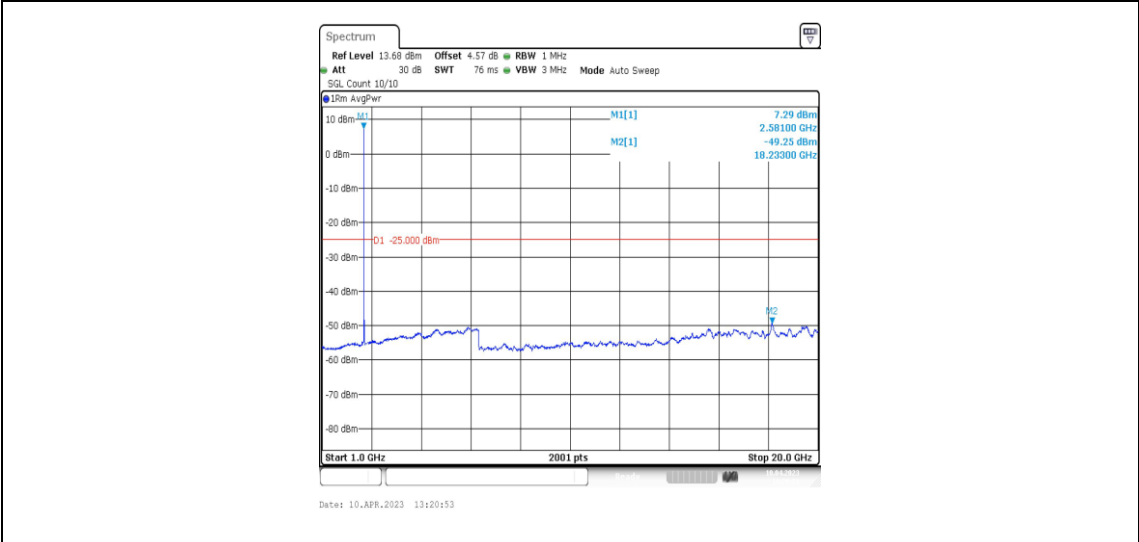
20MHz-20MHz-37952-38150



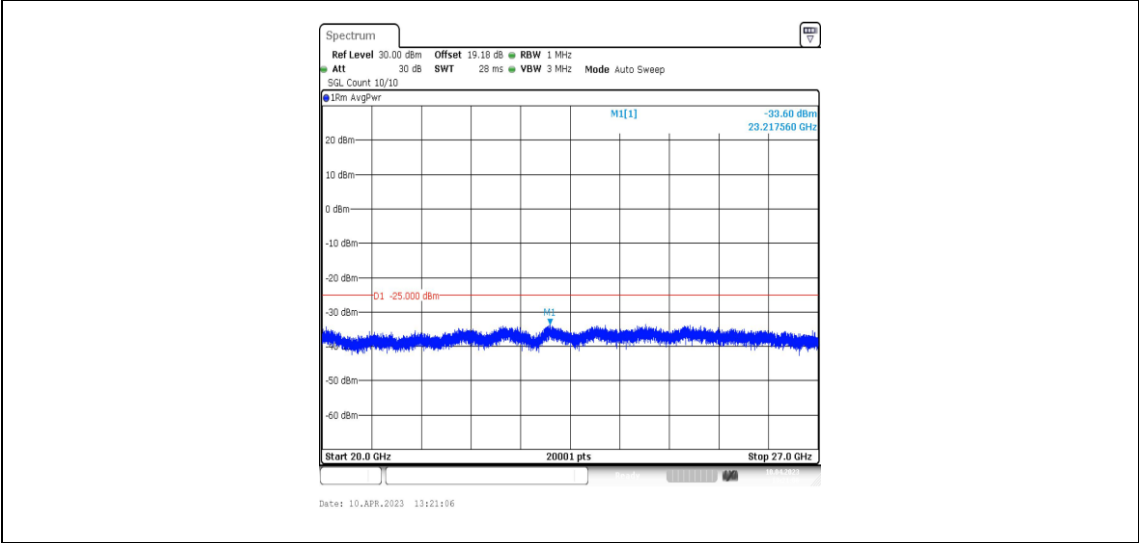
20MHz-20MHz-37952-38150



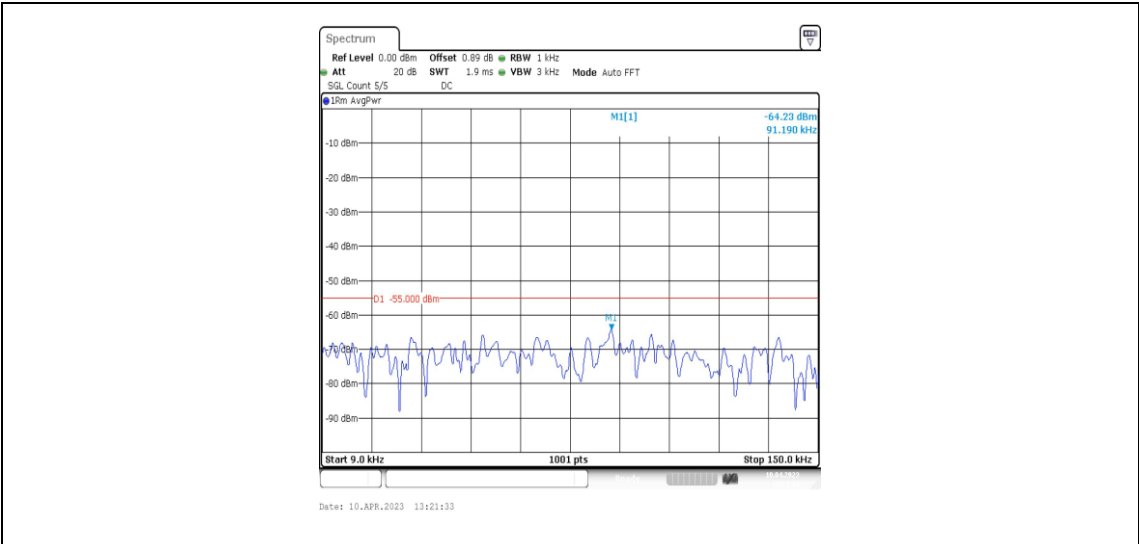
20MHz-20MHz-37952-38150



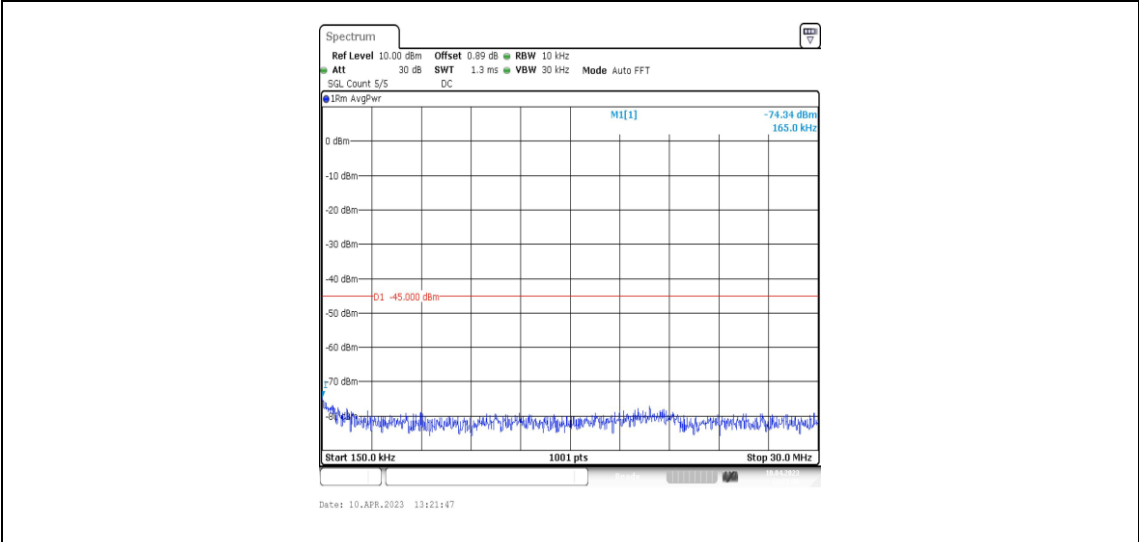
20MHz-20MHz-37952-38150



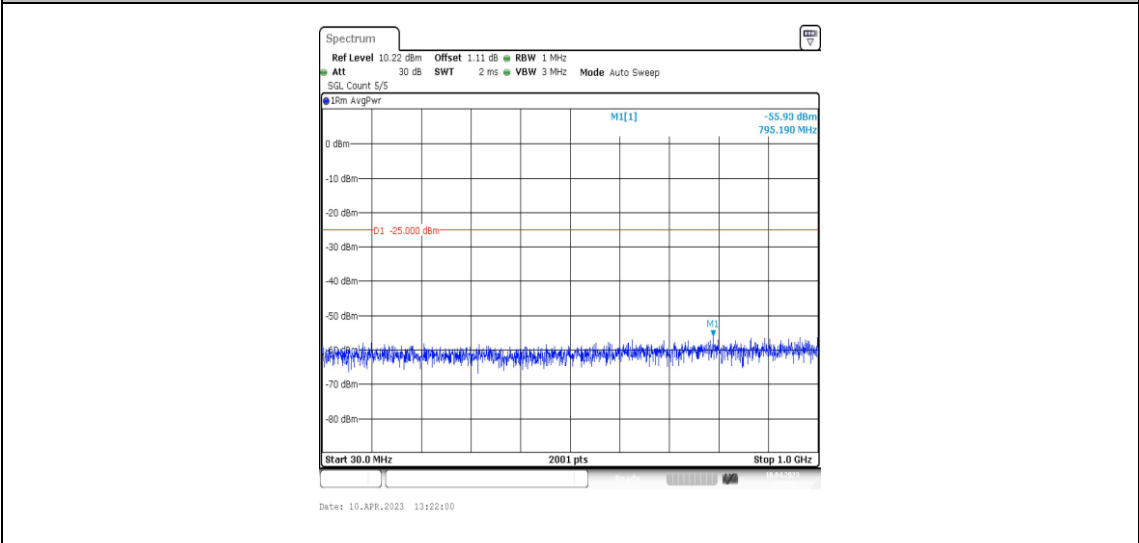
20MHz-20MHz-37952-38150



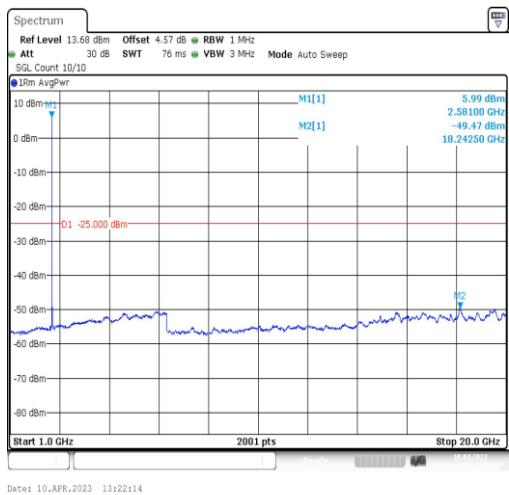
20MHz-20MHz-37952-38150



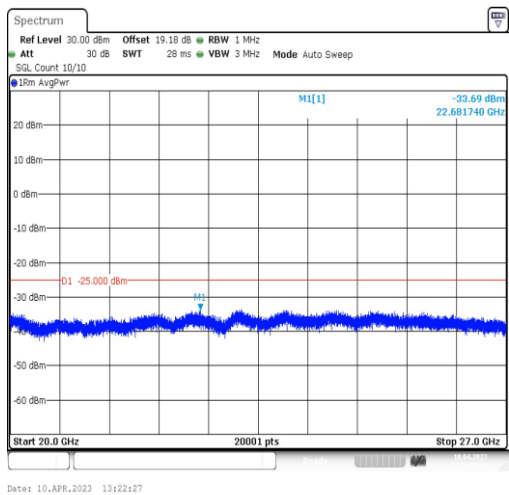
20MHz-20MHz-37952-38150



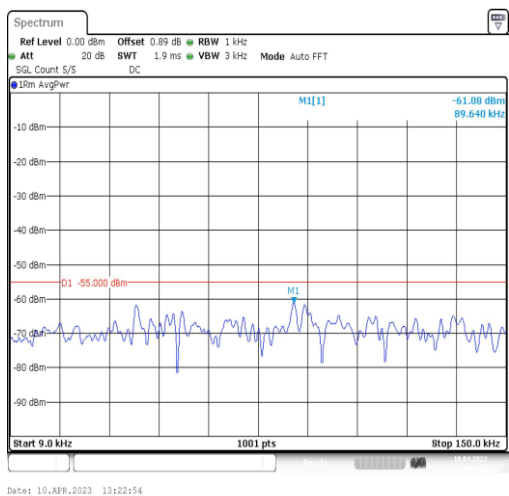
20MHz-20MHz-37952-38150



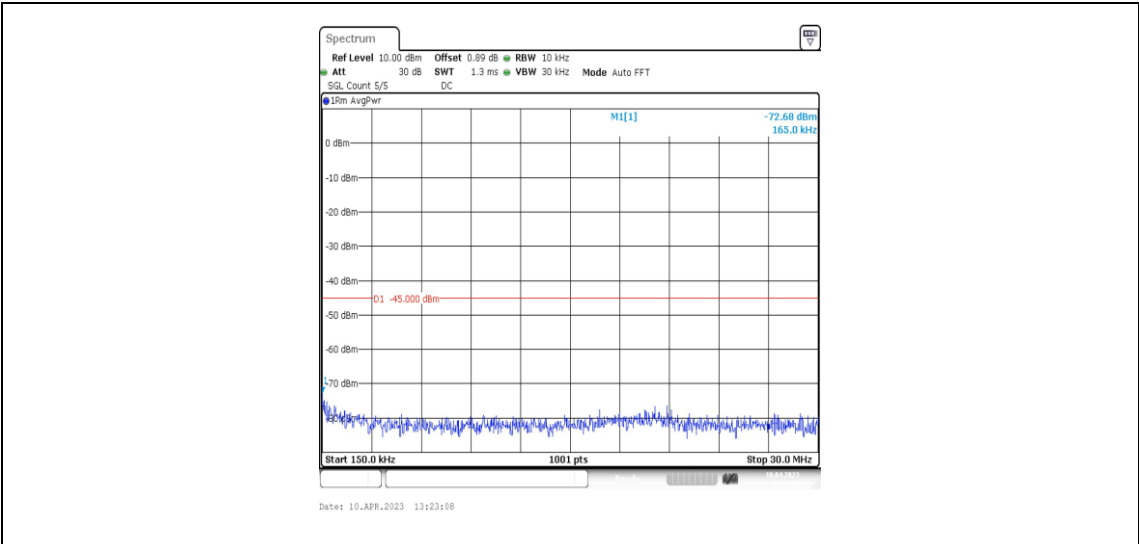
20MHz-20MHz-37952-38150



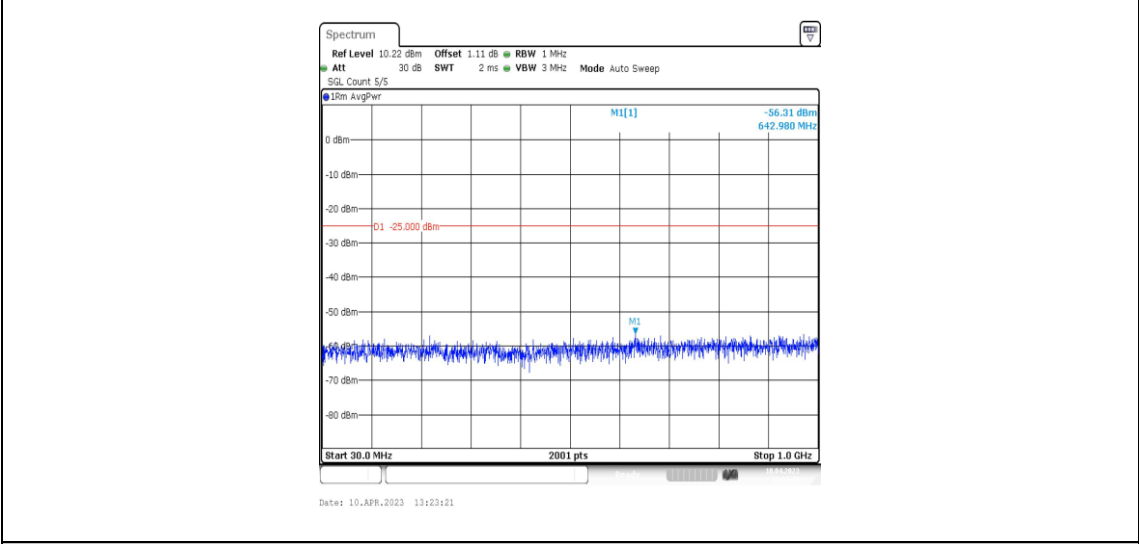
20MHz-20MHz-37952-38150



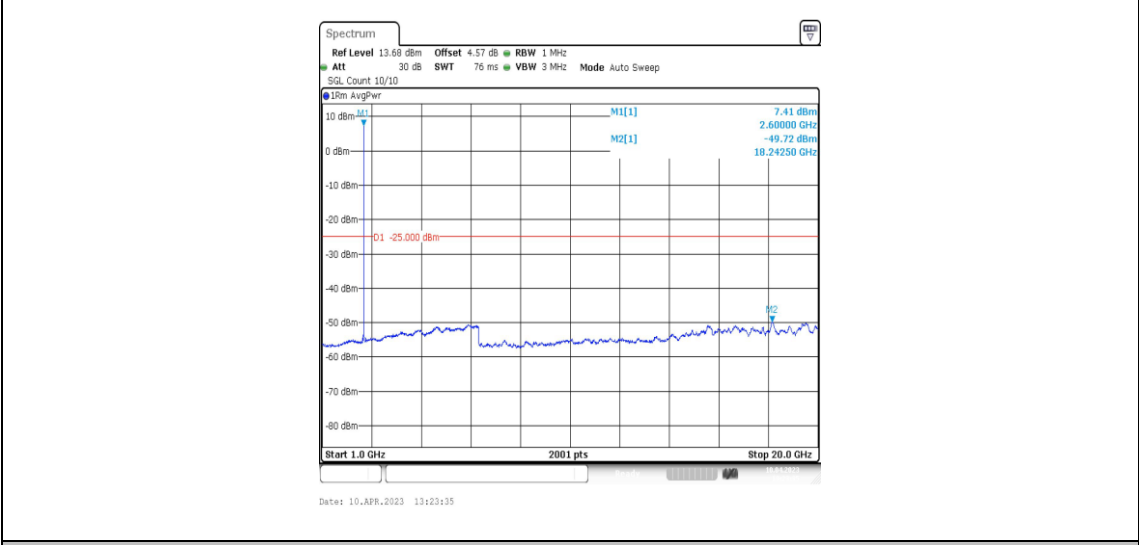
20MHz-20MHz-37952-38150



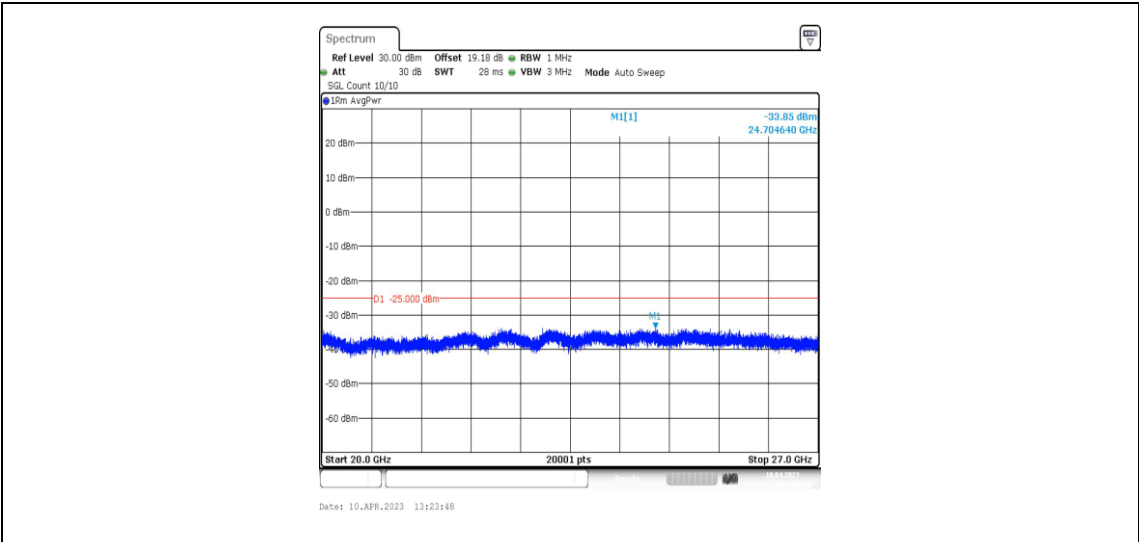
20MHz-20MHz-37952-38150



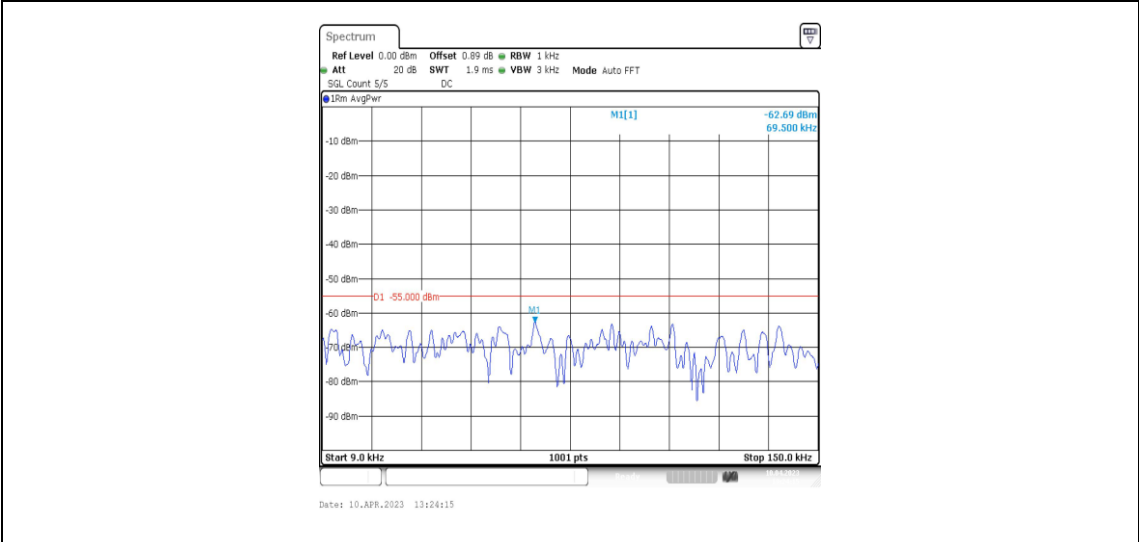
20MHz-20MHz-37952-38150



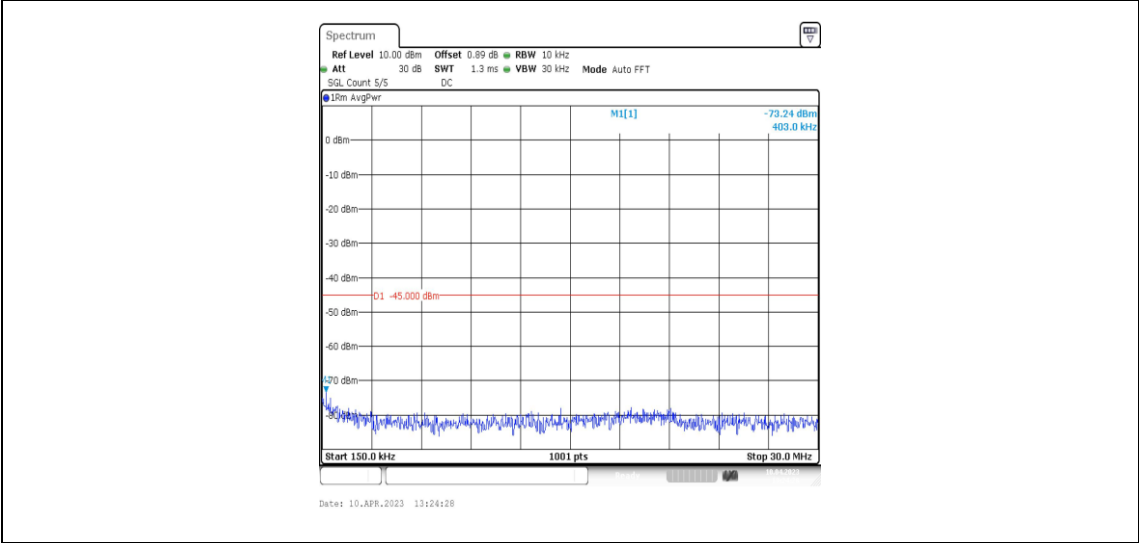
20MHz-20MHz-37952-38150



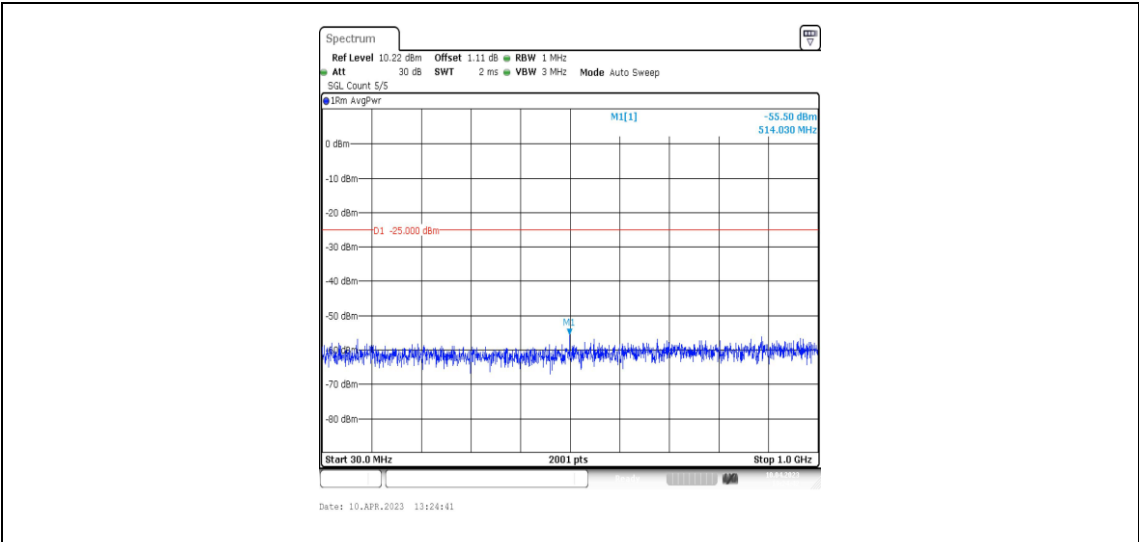
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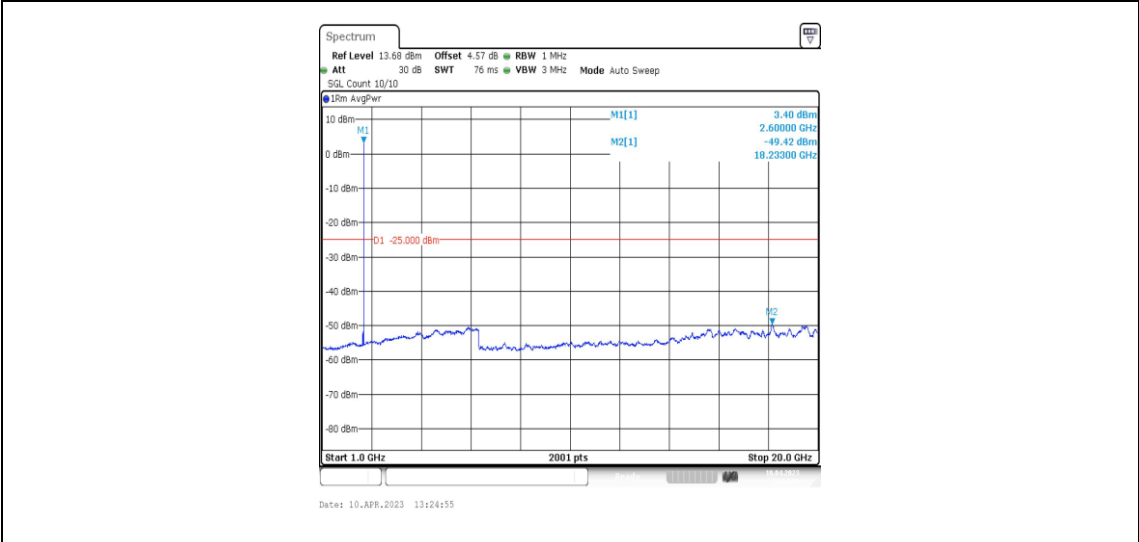
20MHz-20MHz-37952-38150



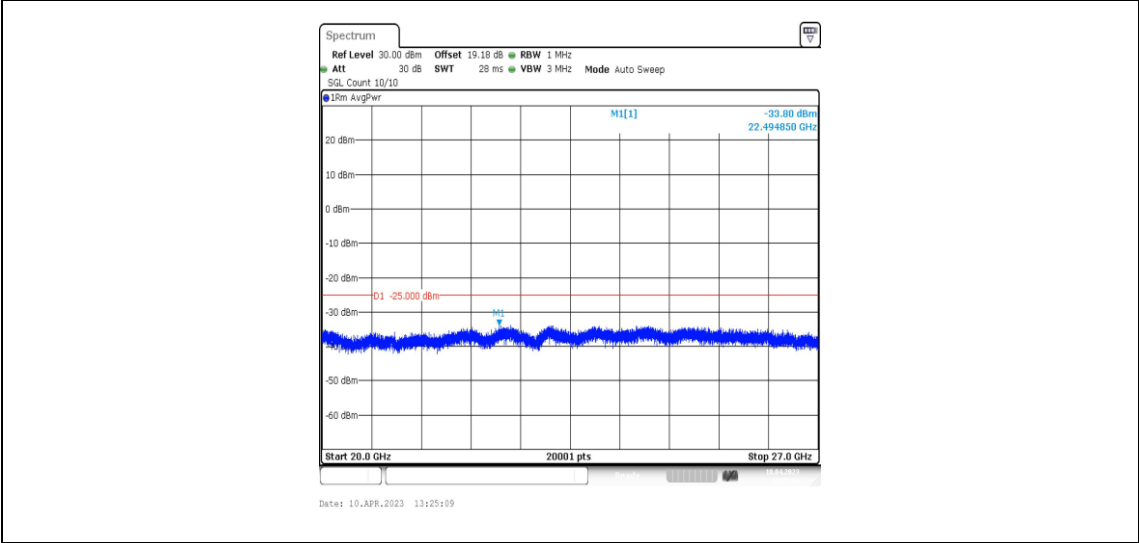
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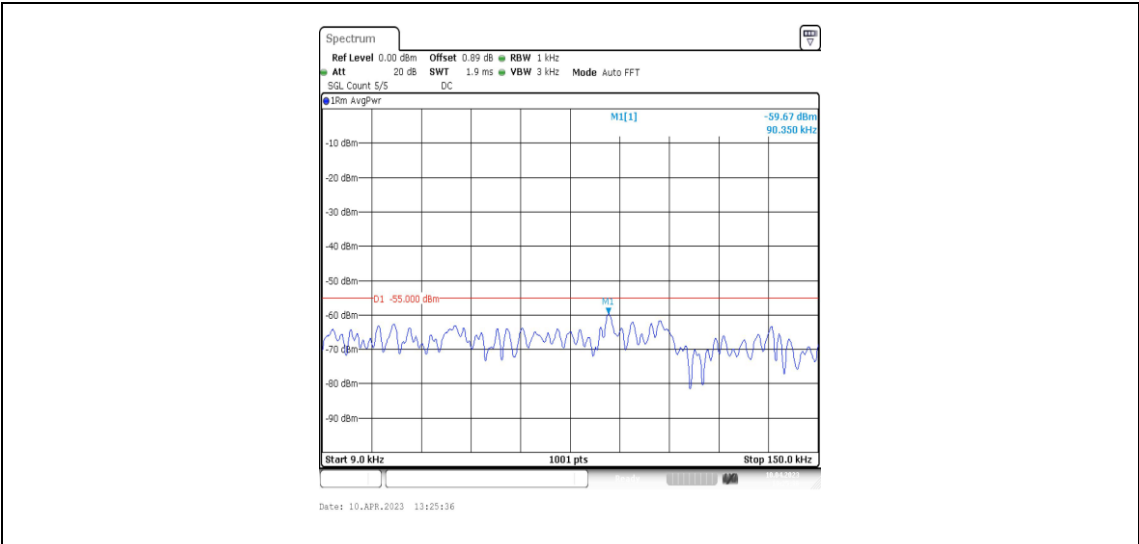
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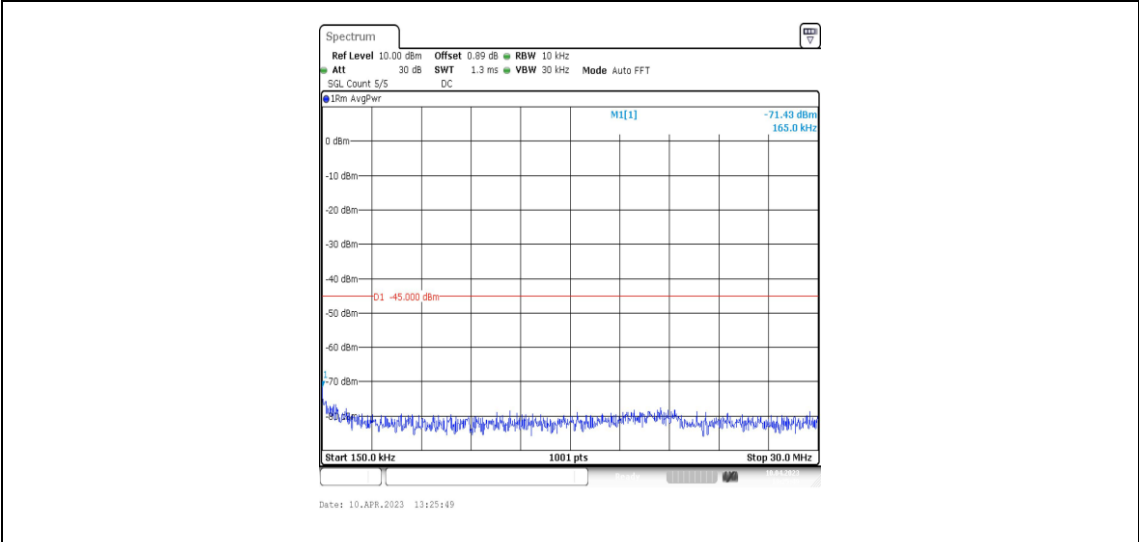
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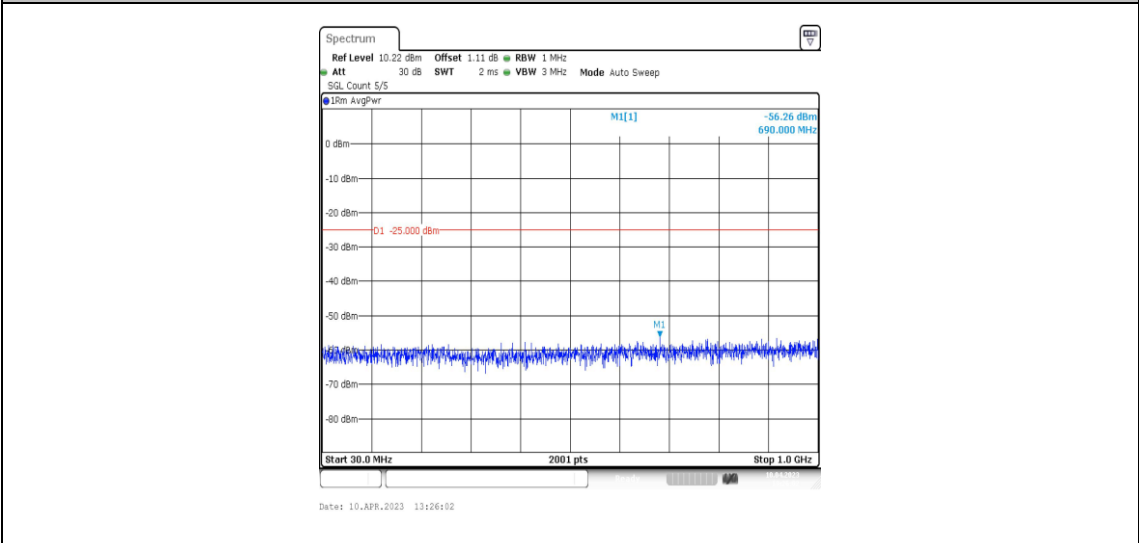
20MHz-20MHz-37952-38150



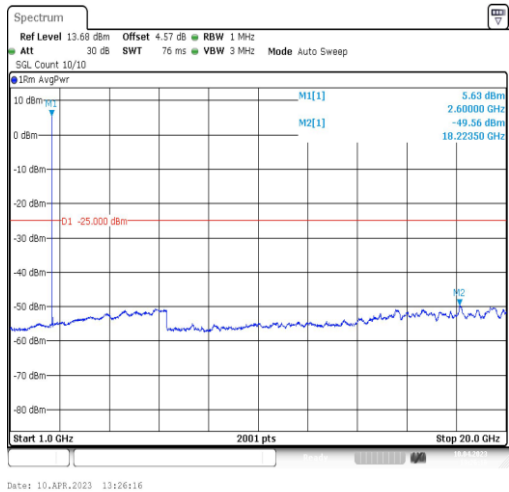
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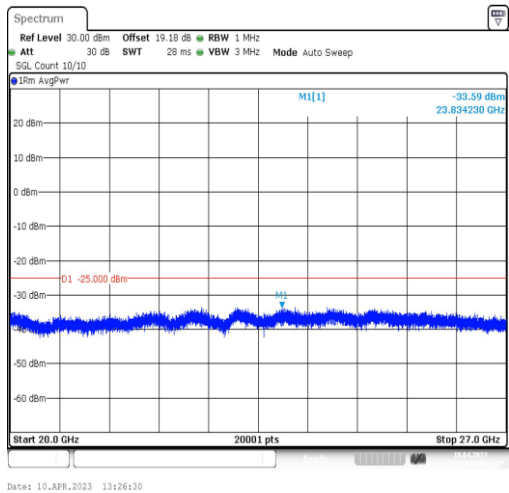
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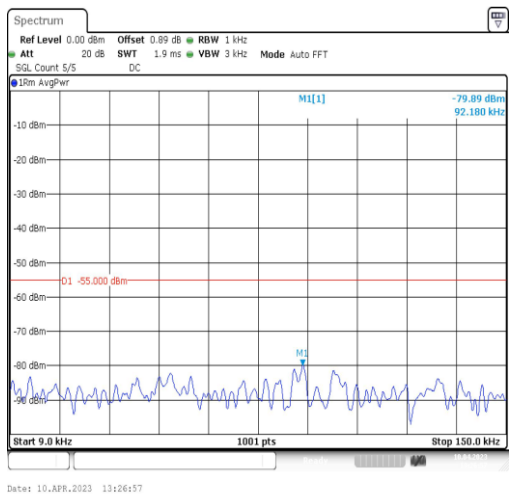
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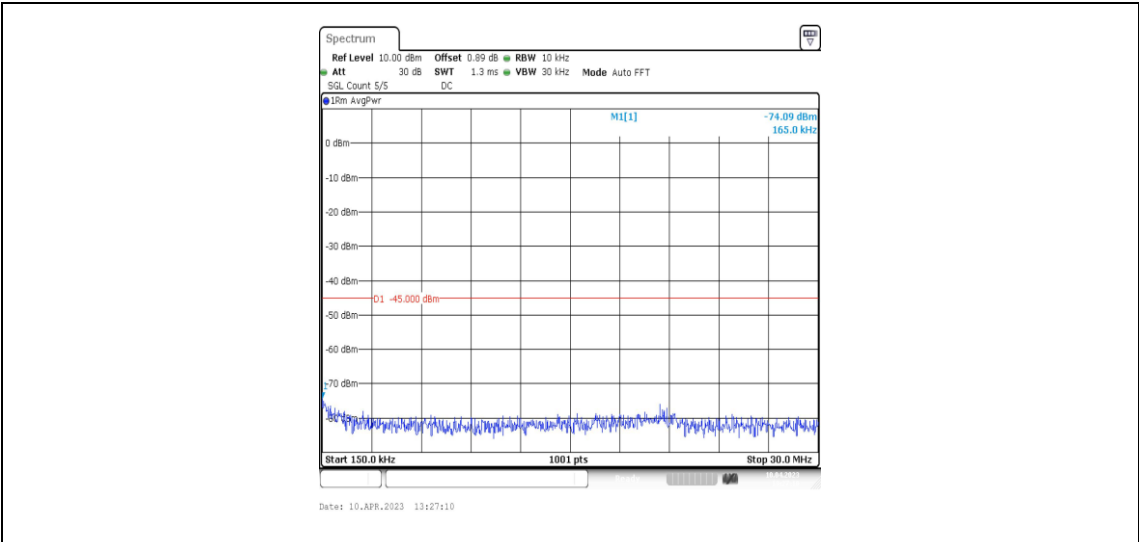
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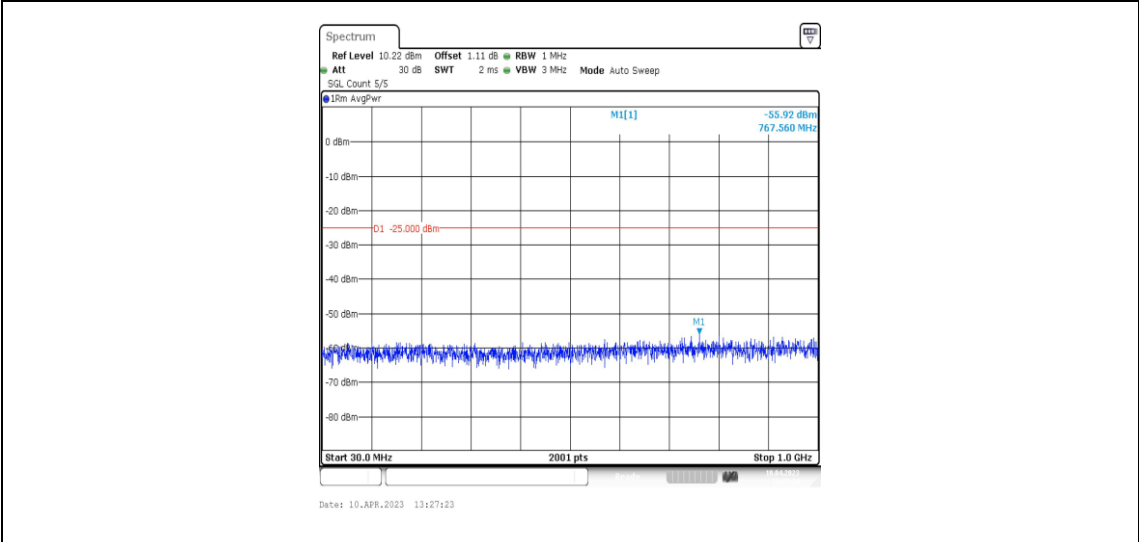
20MHz-20MHz-37952-38150



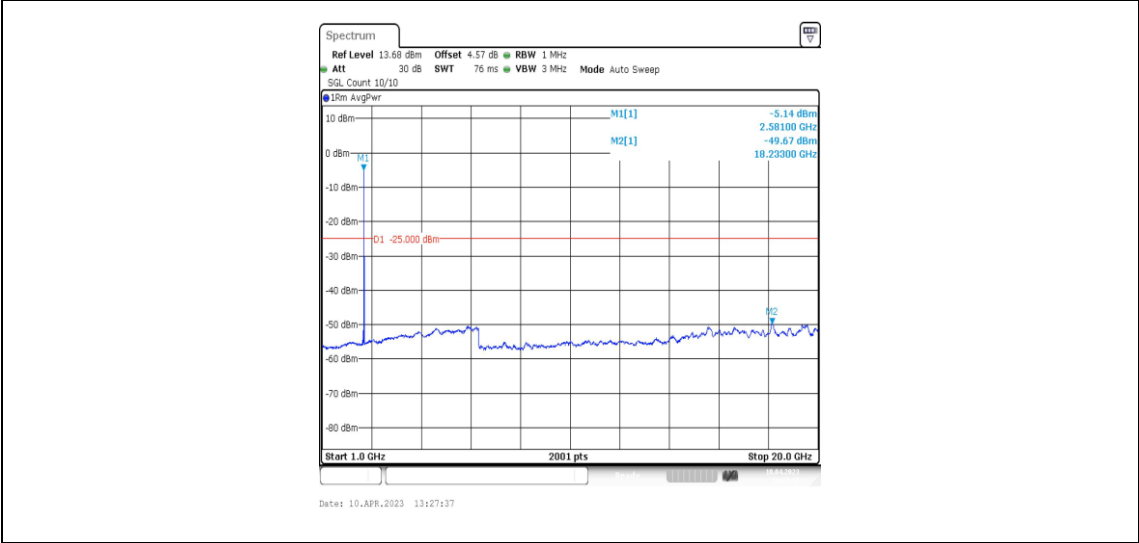
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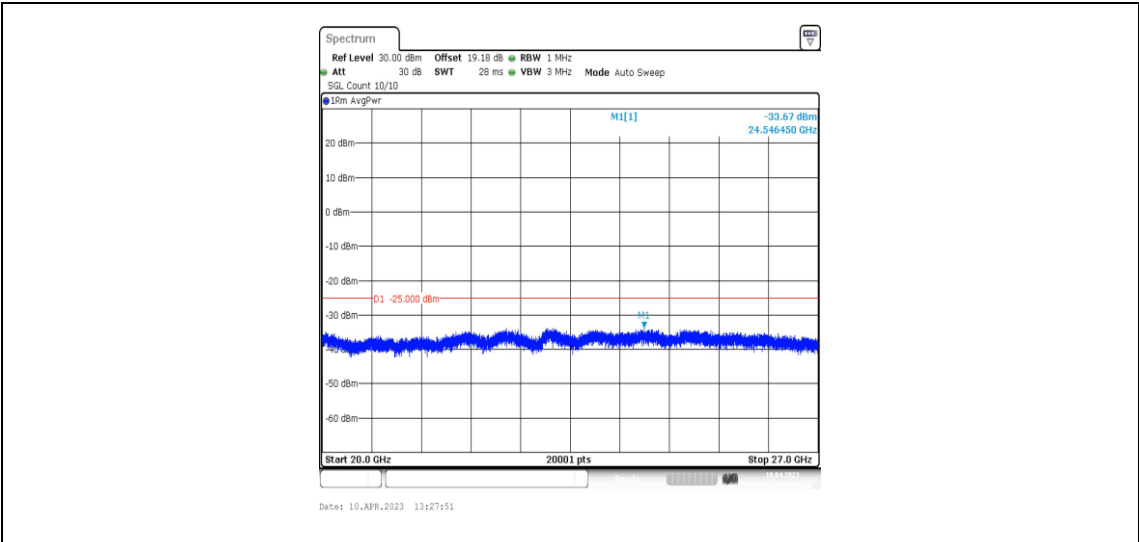
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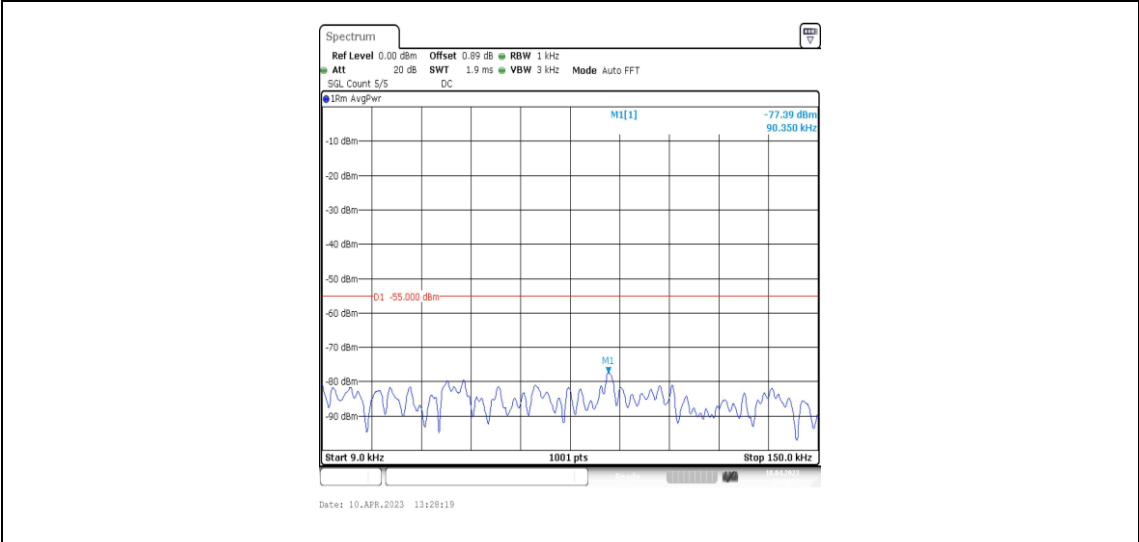
20MHz-20MHz-37952-38150



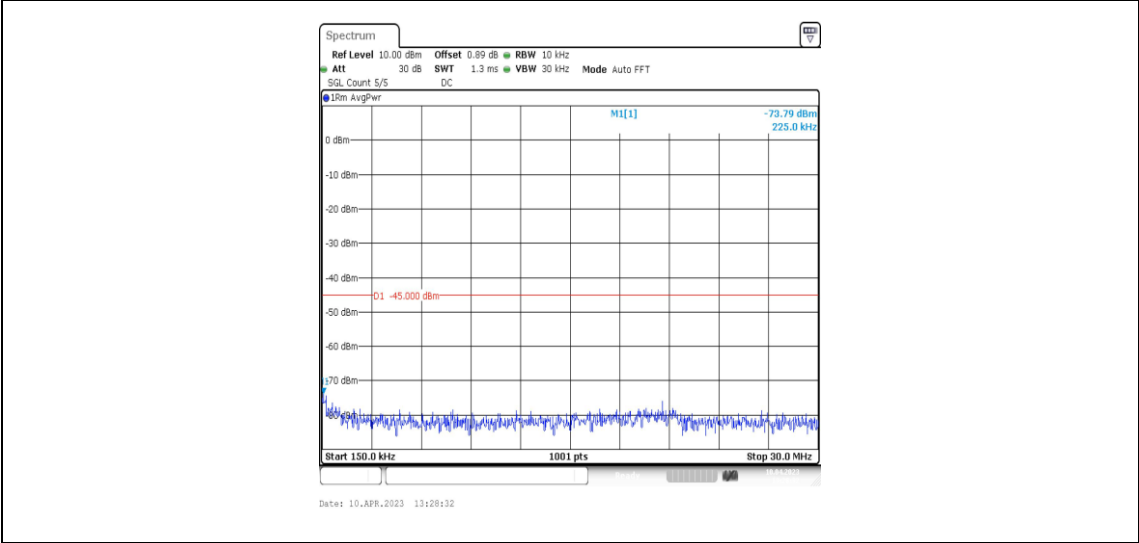
20MHz-20MHz-37952-38150



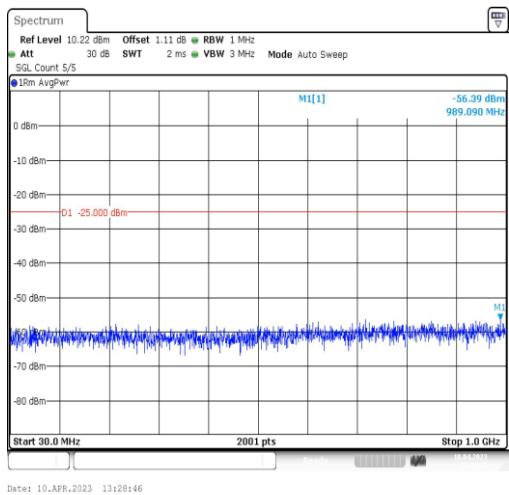
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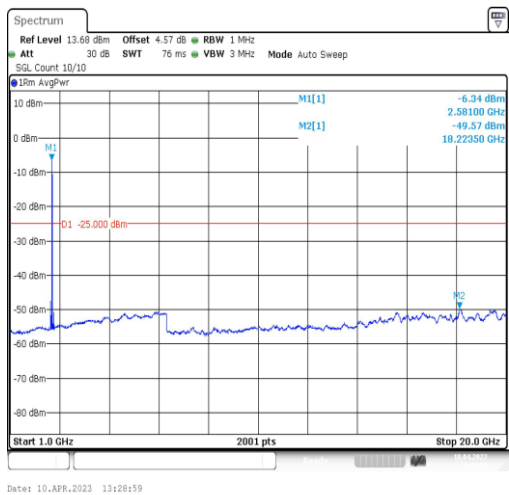
20MHz-20MHz-37952-38150



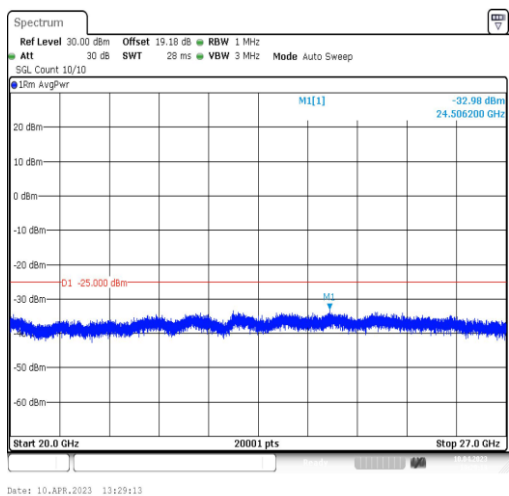
20MHz-20MHz-37952-38150



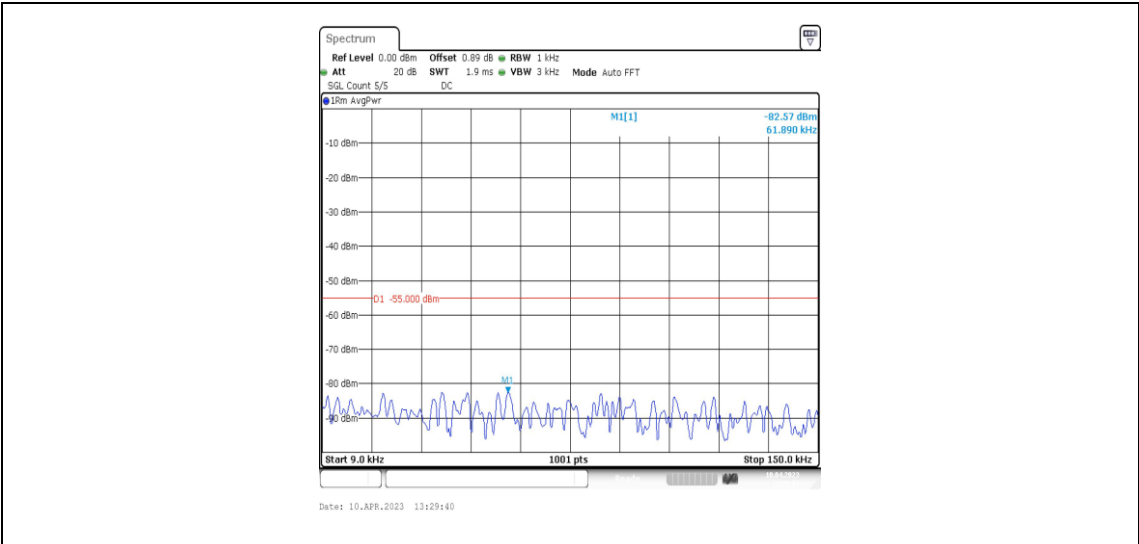
20MHz-20MHz-37952-38150



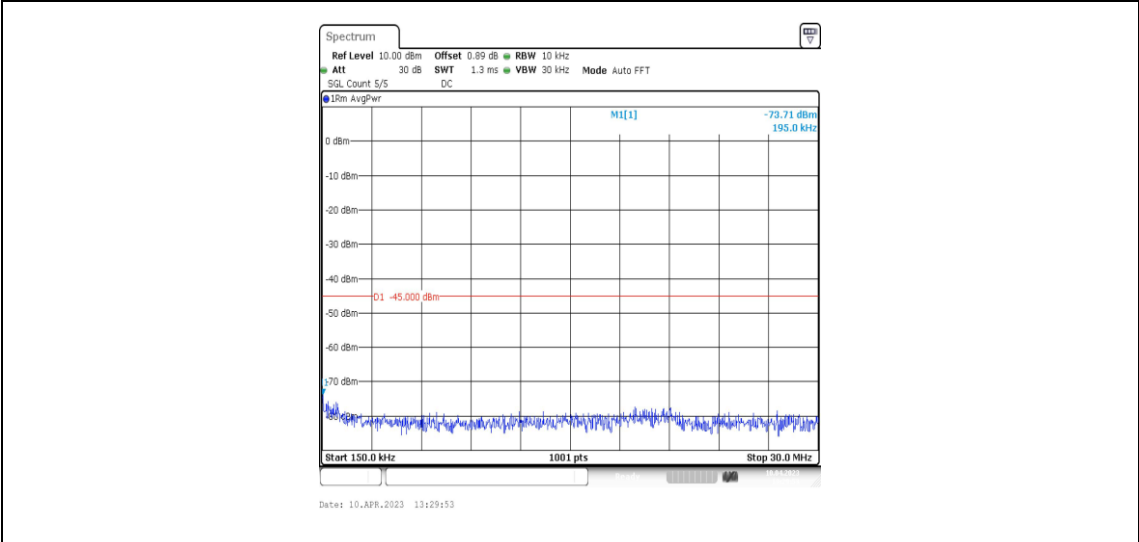
20MHz-20MHz-37952-38150



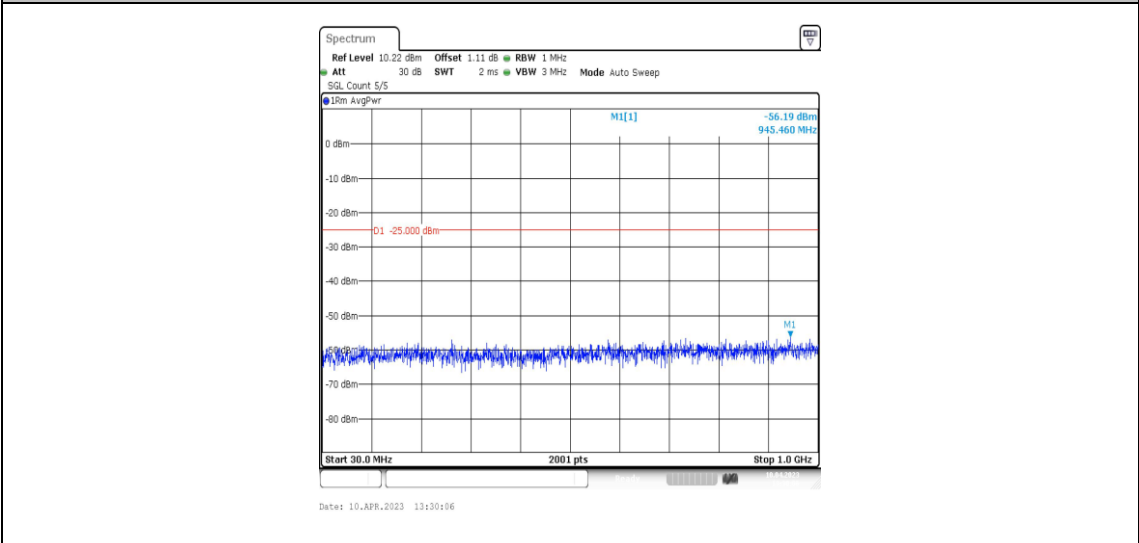
20MHz-20MHz-37952-38150



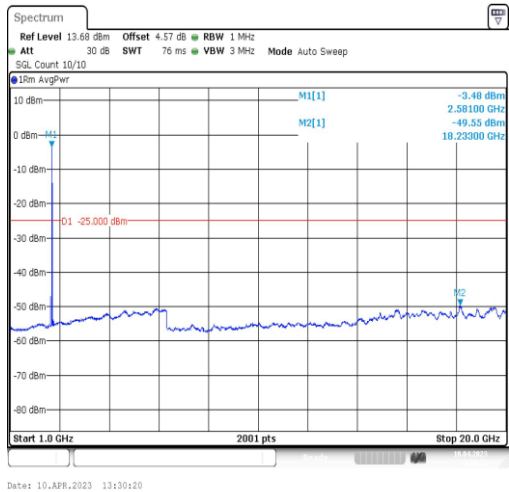
20MHz-20MHz-37952-38150



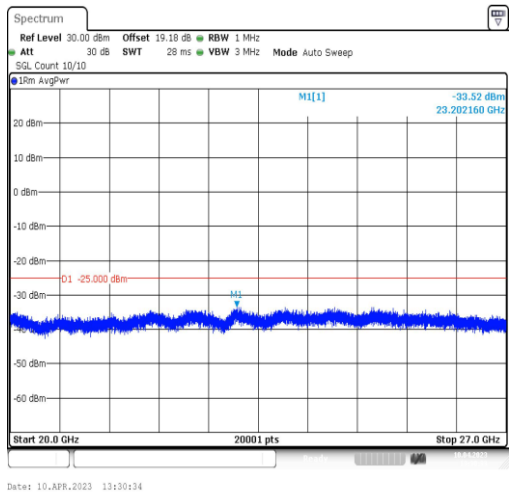
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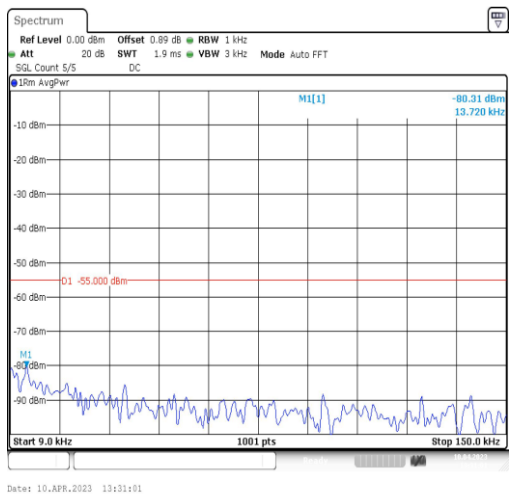
20MHz-20MHz-37952-38150



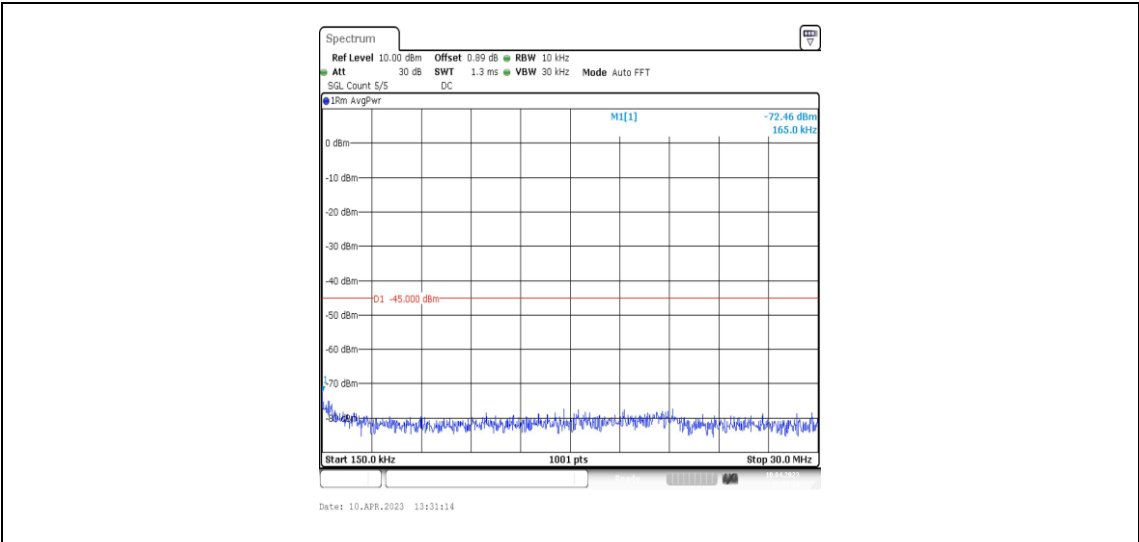
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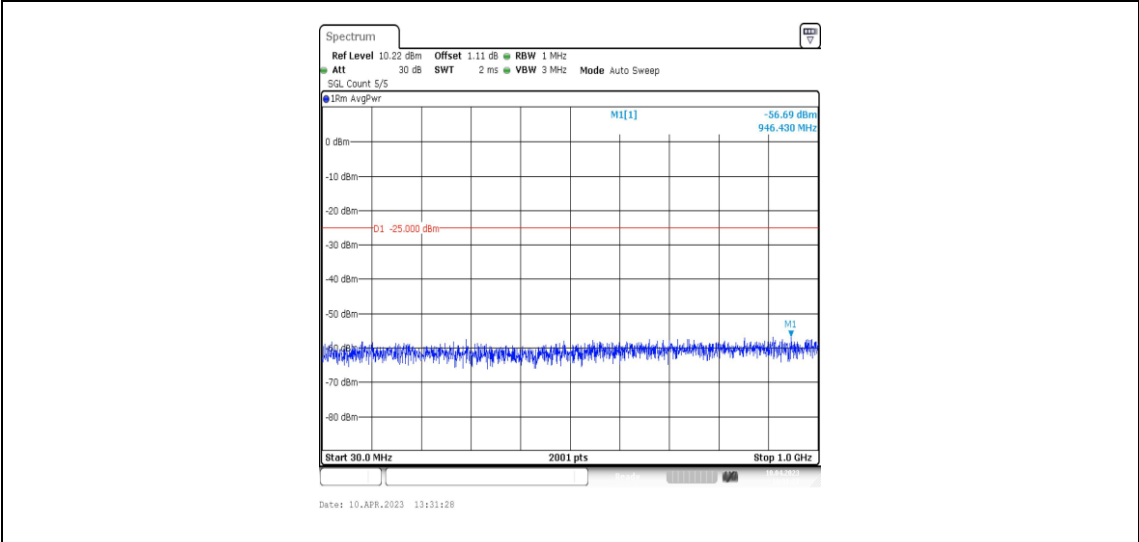
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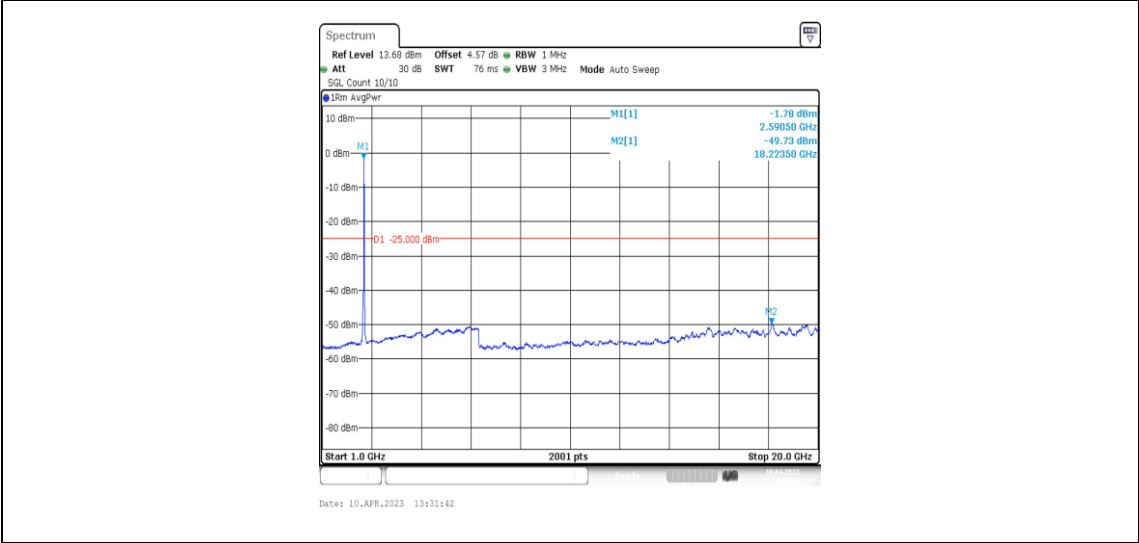
20MHz-20MHz-37952-38150



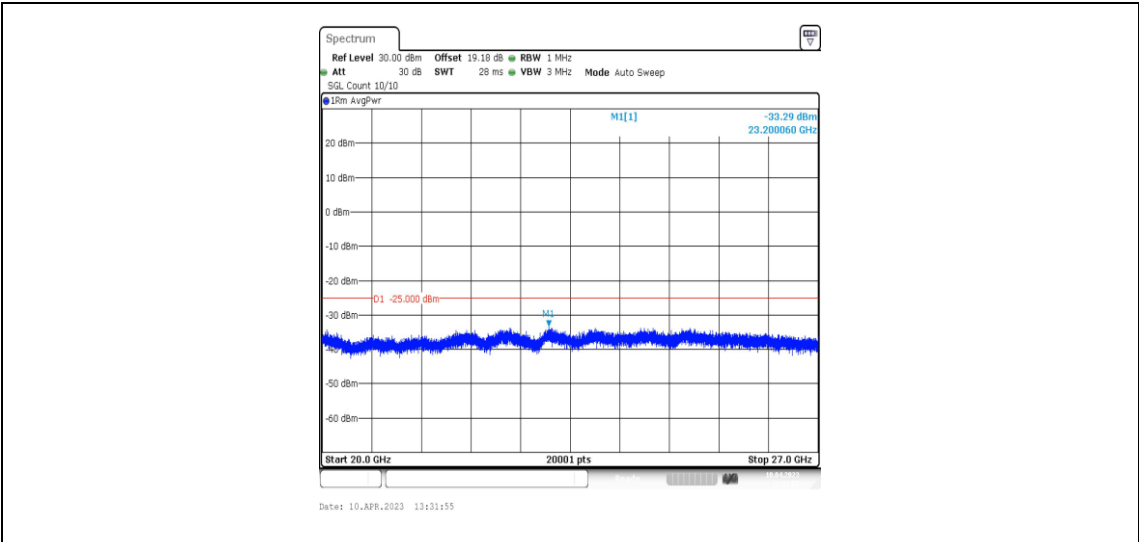
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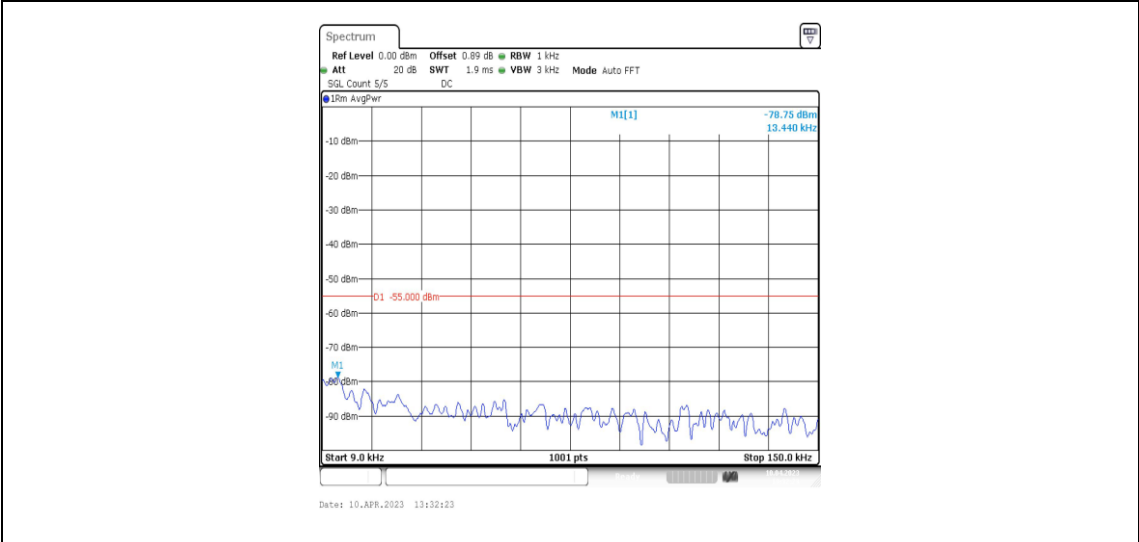
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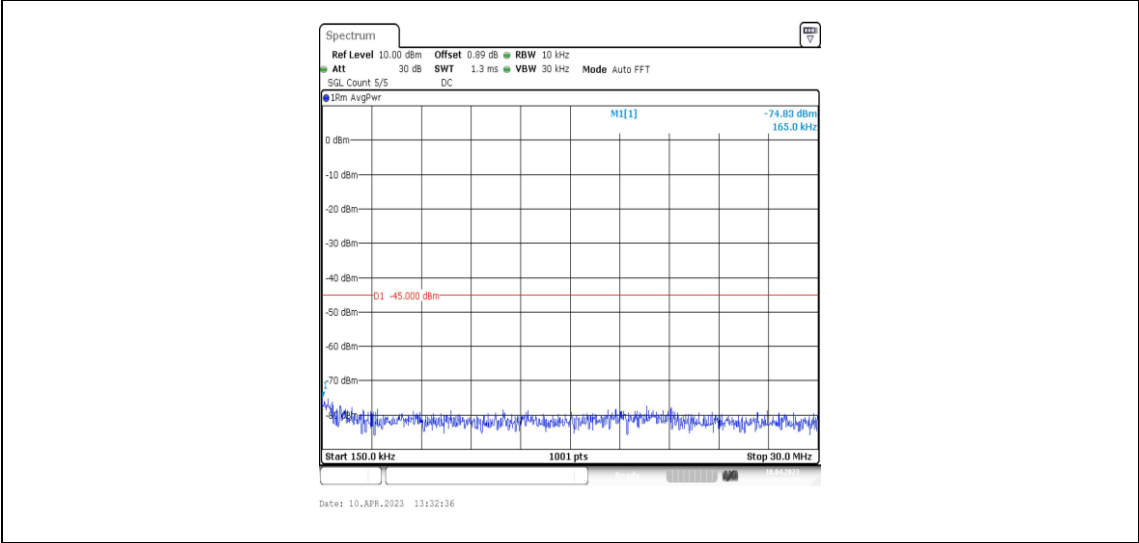
20MHz-20MHz-37952-38150



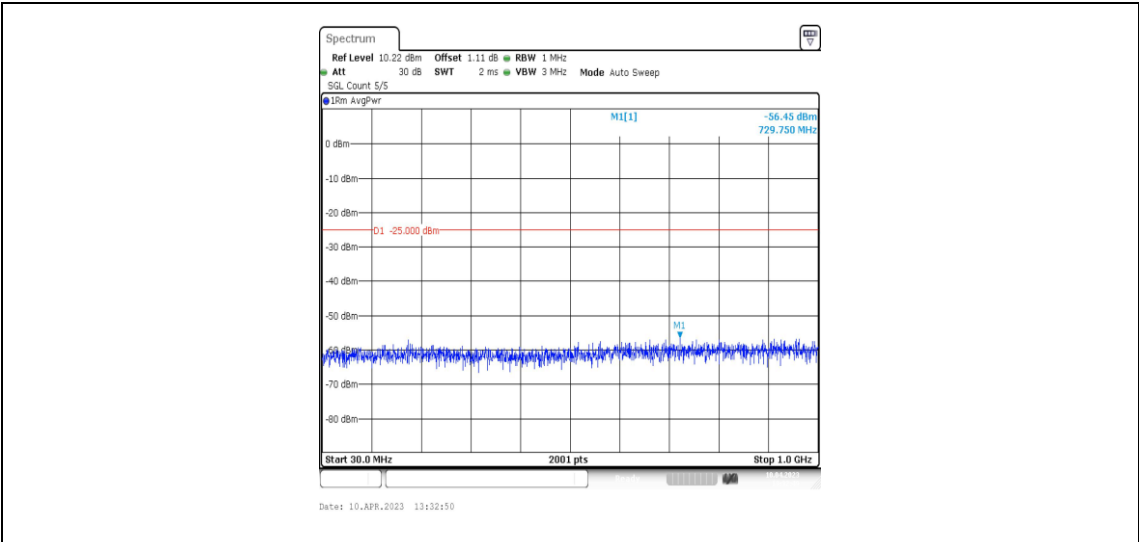
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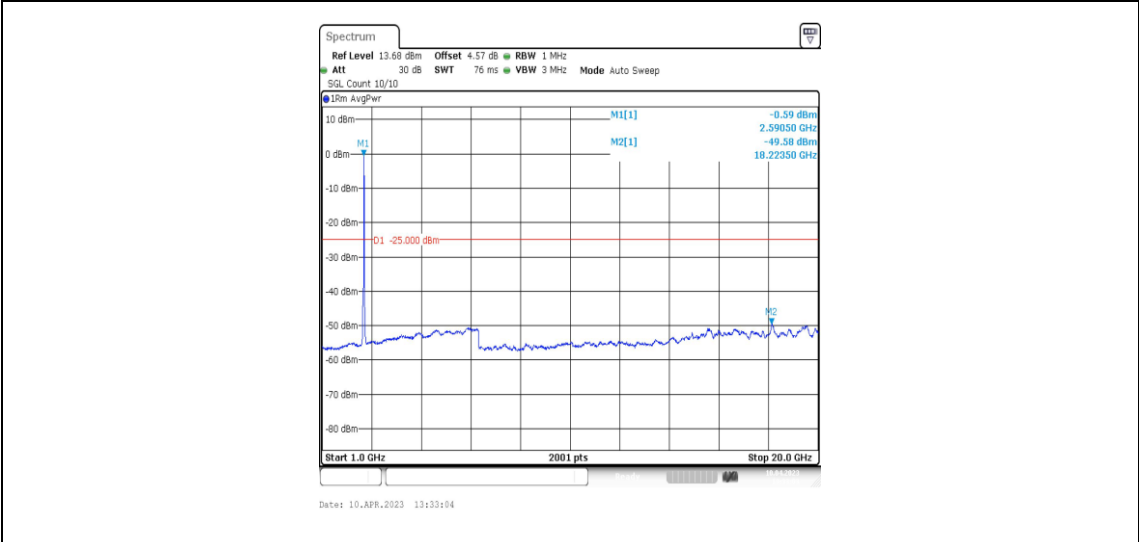
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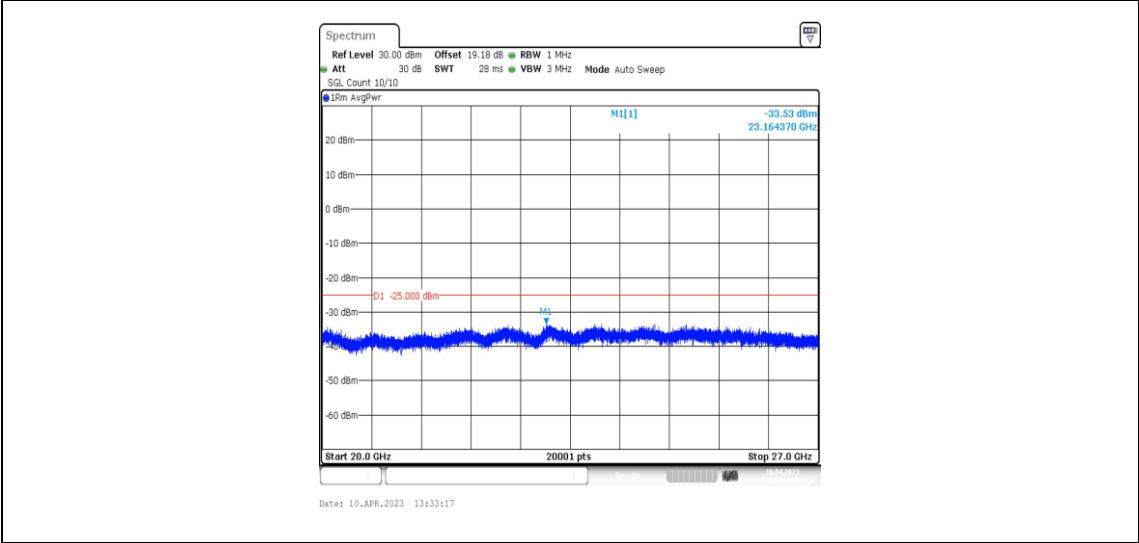
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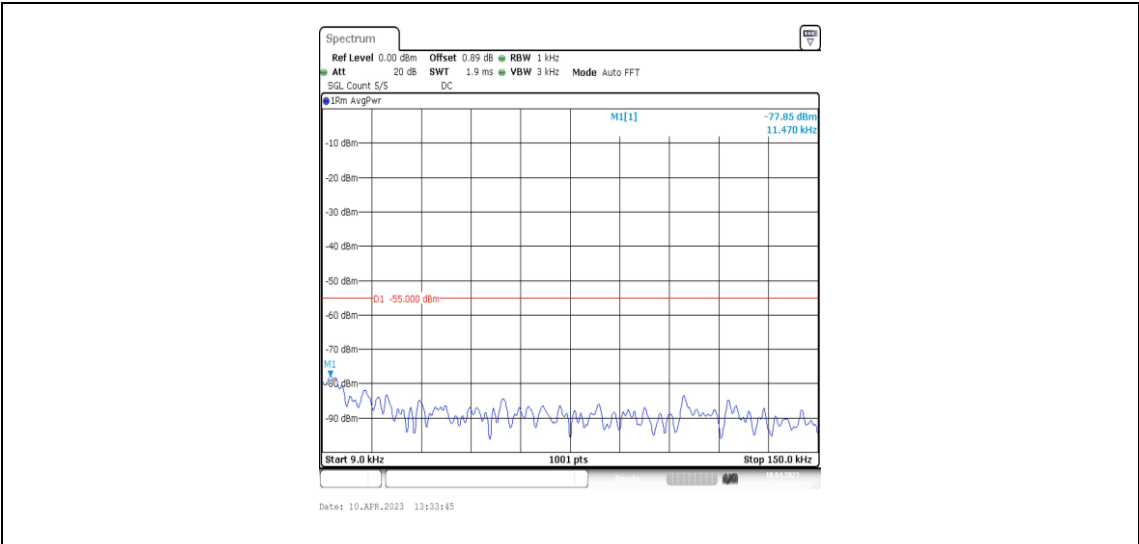
20MHz-20MHz-37952-38150



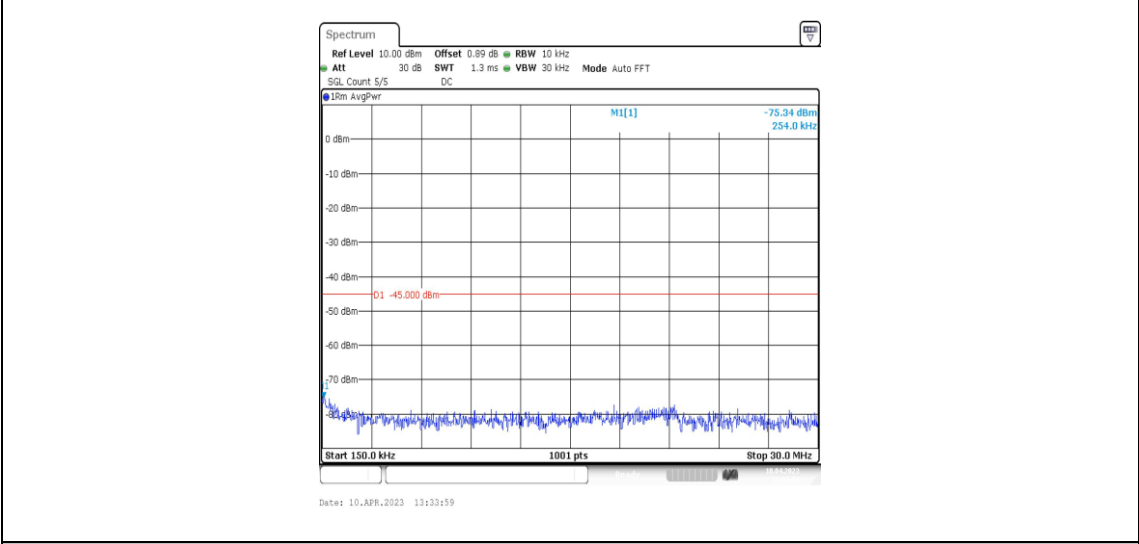
20MHz-20MHz-37952-38150



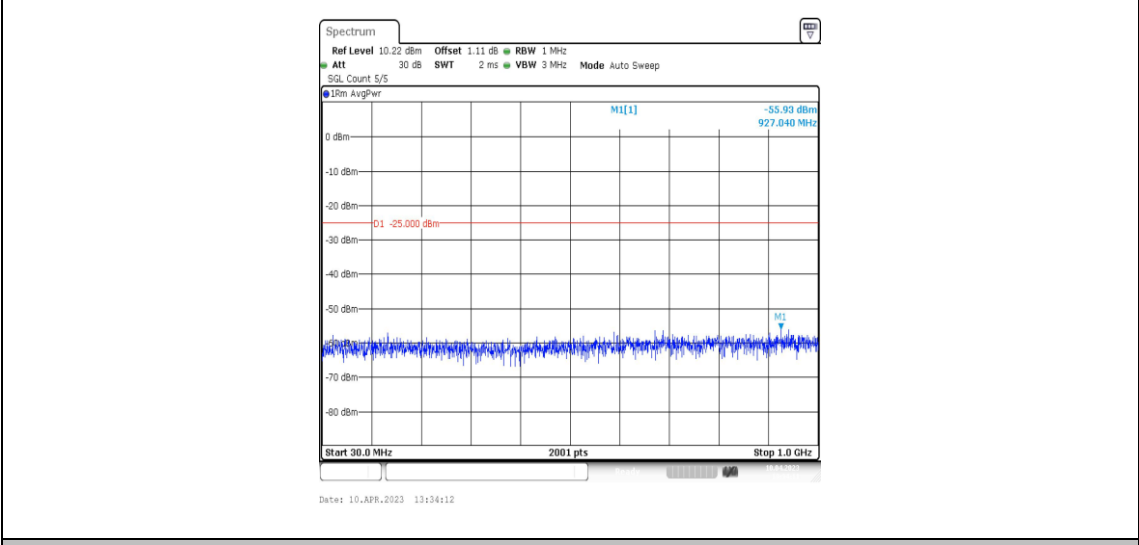
20MHz-20MHz-37952-38150



20MHz-20MHz-37952-38150



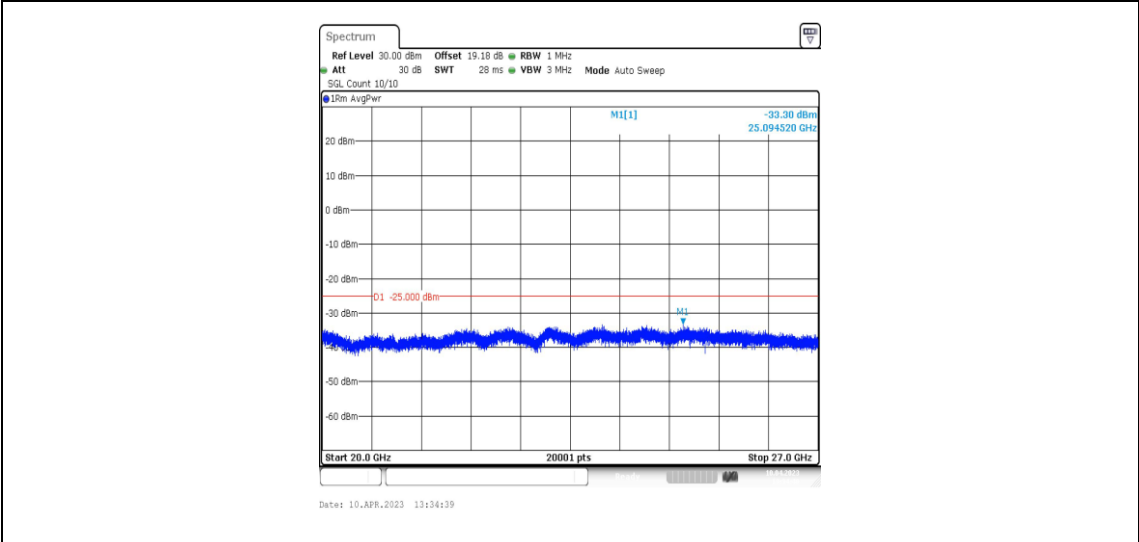
20MHz-20MHz-37952-38150



20MHz-20MHz-37952-38150



20MHz-20MHz-37952-38150



20MHz-20MHz-37952-38150

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	VN	NT	21.09	0.008182	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	VL	NT	15.84	0.006145	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	VH	NT	20.06	0.007783	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VN	NT	20.00	0.007759	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VL	NT	19.30	0.007488	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	VH	NT	16.64	0.006456	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	VN	NT	16.82	0.006526	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	VL	NT	16.14	0.006262	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	VH	NT	15.69	0.006087	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VN	NT	23.05	0.008908	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VL	NT	14.93	0.005770	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	VH	NT	19.58	0.007567	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	VN	NT	17.90	0.006918	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	VL	NT	17.67	0.006829	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	VH	NT	20.13	0.007780	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	VN	NT	19.77	0.007641	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	VL	NT	21.23	0.008205	±2.5	PASS

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	15MHz	64QAM	38075	5RB#0						
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	VH	NT	21.57	0.008336	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	VN	NT	21.83	0.008404	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	VL	NT	21.27	0.008189	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	VH	NT	18.73	0.007211	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	VN	NT	17.15	0.006603	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	VL	NT	16.72	0.006437	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	VH	NT	16.26	0.006260	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	VN	NT	17.87	0.006880	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	VL	NT	19.18	0.007384	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	VH	NT	15.64	0.006021	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	VN	NT	19.28	0.007473	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	VL	NT	22.89	0.008872	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	VH	NT	23.85	0.009244	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	VN	NT	24.18	0.009372	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	VL	NT	22.75	0.008818	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	VH	NT	21.80	0.008450	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	VN	NT	20.28	0.007860	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	VL	NT	22.42	0.008690	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	VH	NT	22.85	0.008857	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	VN	NT	22.50	0.008704	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q	37901-	100RB#0-	VL	NT	23.83	0.009218	±2.5	PASS

	20MHz	PSK	38099	100RB#0						
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	VH	NT	24.15	0.009342	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	VN	NT	25.86	0.010003	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	VL	NT	22.49	0.008700	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	VH	NT	21.99	0.008506	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	VN	NT	20.67	0.007996	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	VL	NT	21.63	0.008367	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	VH	NT	21.50	0.008317	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	VN	NT	24.95	0.009632	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	VL	NT	26.02	0.010046	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	VH	NT	21.51	0.008304	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	VN	NT	25.95	0.010019	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	VL	NT	24.48	0.009451	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	VH	NT	26.28	0.010146	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	VN	NT	20.76	0.008015	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	VL	NT	24.23	0.009354	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	VH	NT	22.66	0.008748	±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	-50	18.91	0.007337	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-30	15.61	0.006056	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-20	19.35	0.007507	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	-10	19.00	0.007371	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	0	20.16	0.007822	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	10	18.81	0.007298	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	20	17.41	0.006755	±2.5	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	NV	30	19.37	0.007515	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	-50	18.70	0.007255	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	-30	21.41	0.008306	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	-20	18.74	0.007271	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	-10	19.93	0.007732	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	0	16.41	0.006367	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	10	21.20	0.008225	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	20	18.88	0.007325	±2.5	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	NV	30	18.93	0.007344	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-50	21.49	0.008338	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-30	16.37	0.006351	±2.5	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	NV	-20	16.65	0.006460	±2.5	PASS

38-38	15MHz- 15MHz	64QAM- 64QAM	37825- 37975	75RB#0-7 5RB#0	NV	-10	16.52	0.006409	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37825- 37975	75RB#0-7 5RB#0	NV	0	16.25	0.006305	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37825- 37975	75RB#0-7 5RB#0	NV	10	15.86	0.006153	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37825- 37975	75RB#0-7 5RB#0	NV	20	18.28	0.007092	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37825- 37975	75RB#0-7 5RB#0	NV	30	16.57	0.006429	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	-50	15.08	0.005828	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	-30	21.77	0.008414	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	-20	19.78	0.007644	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	-10	20.38	0.007876	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	0	18.74	0.007243	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	10	17.94	0.006933	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	20	19.83	0.007664	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	37925- 38075	75RB#0-7 5RB#0	NV	30	18.61	0.007192	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	-50	22.99	0.008885	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	-30	19.11	0.007386	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	-20	22.49	0.008692	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	-10	22.36	0.008642	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	0	16.19	0.006257	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	10	21.11	0.008158	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	20	17.68	0.006833	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	37925- 38075	75RB#0-7 5RB#0	NV	30	19.07	0.007370	±2.5	PASS

38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	-50	20.76	0.008023	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	-30	19.07	0.007370	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	-20	20.63	0.007973	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	-10	21.14	0.008170	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	0	17.28	0.006678	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	10	18.28	0.007065	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	20	21.27	0.008220	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	37925- 38075	75RB#0-7 5RB#0	NV	30	19.14	0.007397	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	-50	19.08	0.007346	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	-30	20.67	0.007958	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	-20	16.52	0.006360	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	-10	17.25	0.006641	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	0	18.41	0.007088	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	10	19.57	0.007534	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	20	21.64	0.008331	±2.5	PASS
38-38	15MHz- 15MHz	QPSK-Q PSK	38025- 38175	75RB#0-7 5RB#0	NV	30	19.05	0.007334	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	-50	19.74	0.007600	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	-30	20.99	0.008081	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	-20	17.65	0.006795	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	-10	20.53	0.007904	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	0	17.37	0.006687	±2.5	PASS

38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	10	20.76	0.007992	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	20	19.35	0.007449	±2.5	PASS
38-38	15MHz- 15MHz	16QAM- 16QAM	38025- 38175	75RB#0-7 5RB#0	NV	30	19.71	0.007588	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	-50	19.93	0.007673	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	-30	21.41	0.008243	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	-20	21.21	0.008166	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	-10	19.83	0.007634	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	0	19.76	0.007607	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	10	21.13	0.008135	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	20	16.74	0.006445	±2.5	PASS
38-38	15MHz- 15MHz	64QAM- 64QAM	38025- 38175	75RB#0-7 5RB#0	NV	30	19.57	0.007534	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	-50	22.17	0.008593	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	-30	21.77	0.008438	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	-20	23.93	0.009275	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	-10	20.51	0.007950	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	0	27.69	0.010733	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	10	22.65	0.008779	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	20	21.89	0.008484	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37850- 38048	100RB#0- 100RB#0	NV	30	21.63	0.008384	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	-50	24.32	0.009426	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	-30	23.19	0.008988	±2.5	PASS

38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	-20	22.62	0.008767	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	-10	24.29	0.009415	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	0	19.71	0.007640	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	10	24.76	0.009597	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	20	21.09	0.008174	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37850- 38048	100RB#0- 100RB#0	NV	30	26.19	0.010151	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	-50	23.72	0.009194	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	-30	21.94	0.008504	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	-20	20.91	0.008105	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	-10	23.60	0.009147	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	0	23.62	0.009155	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	10	25.65	0.009942	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	20	22.56	0.008744	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37850- 38048	100RB#0- 100RB#0	NV	30	23.30	0.009031	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	-50	26.25	0.010154	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	-30	23.33	0.009025	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	-20	24.13	0.009334	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	-10	22.49	0.008700	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	0	23.02	0.008905	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	10	24.09	0.009319	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	20	24.13	0.009334	±2.5	PASS

38-38	20MHz- 20MHz	QPSK-Q PSK	37901- 38099	100RB#0- 100RB#0	NV	30	24.26	0.009385	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	-50	22.30	0.008626	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	-30	26.64	0.010305	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	-20	28.31	0.010951	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	-10	22.67	0.008769	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	0	24.35	0.009419	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	10	23.16	0.008959	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	20	23.17	0.008963	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37901- 38099	100RB#0- 100RB#0	NV	30	21.50	0.008317	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	-50	23.35	0.009033	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	-30	24.08	0.009315	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	-20	23.39	0.009048	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	-10	25.01	0.009675	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	0	24.86	0.009617	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	10	20.93	0.008096	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	20	25.69	0.009938	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37901- 38099	100RB#0- 100RB#0	NV	30	23.79	0.009203	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	-50	21.76	0.008401	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	-30	21.37	0.008250	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	-20	22.63	0.008737	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	-10	20.99	0.008104	±2.5	PASS

38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	0	24.22	0.009351	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	10	23.45	0.009053	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	20	24.98	0.009644	±2.5	PASS
38-38	20MHz- 20MHz	QPSK-Q PSK	37952- 38150	100RB#0- 100RB#0	NV	30	23.70	0.009150	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	-50	22.73	0.008775	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	-30	27.08	0.010455	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	-20	27.47	0.010605	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	-10	24.95	0.009632	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	0	23.02	0.008887	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	10	24.02	0.009273	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	20	25.08	0.009683	±2.5	PASS
38-38	20MHz- 20MHz	16QAM- 16QAM	37952- 38150	100RB#0- 100RB#0	NV	30	21.47	0.008289	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	-50	25.28	0.009760	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	-30	23.27	0.008984	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	-20	23.37	0.009022	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	-10	24.09	0.009300	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	0	20.26	0.007822	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	10	24.48	0.009451	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	20	20.14	0.007775	±2.5	PASS
38-38	20MHz- 20MHz	64QAM- 64QAM	37952- 38150	100RB#0- 100RB#0	NV	30	24.63	0.009509	±2.5	PASS