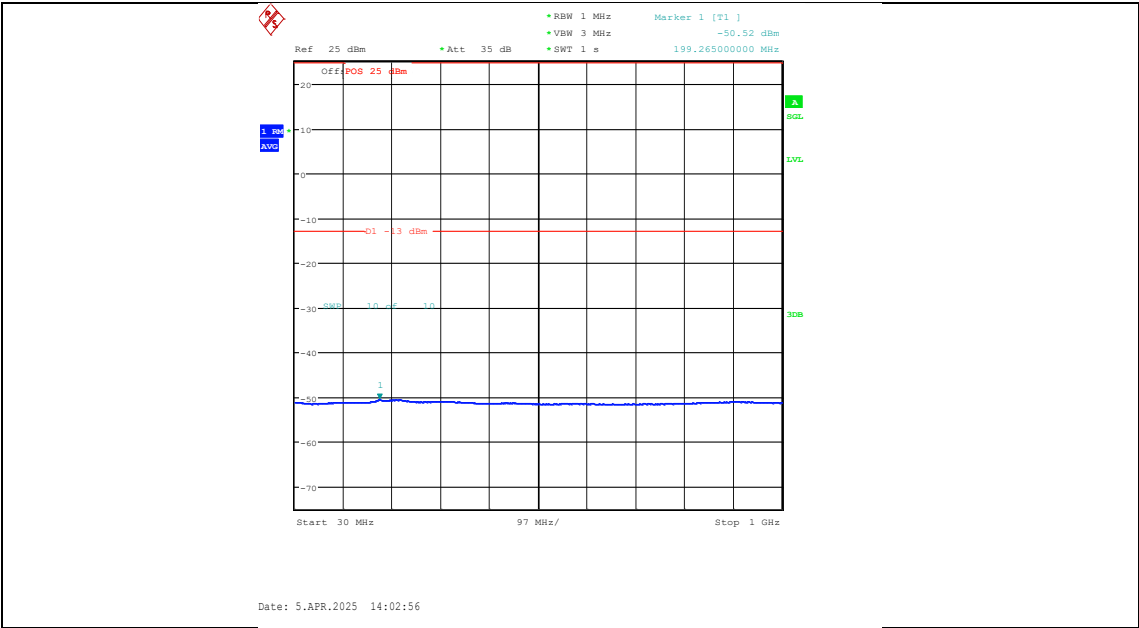
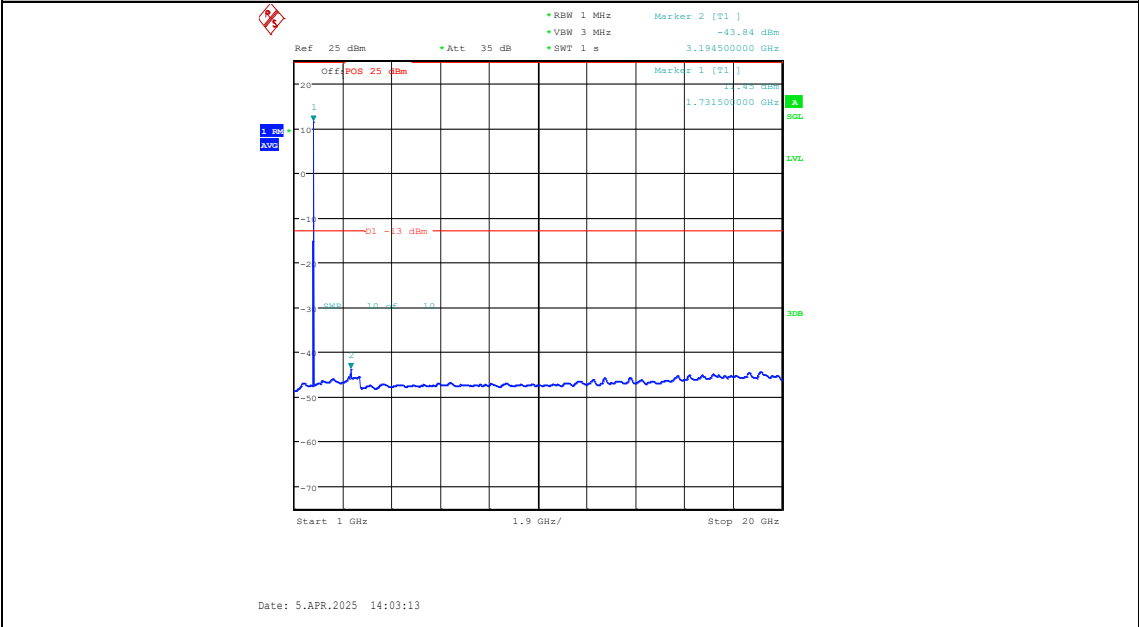
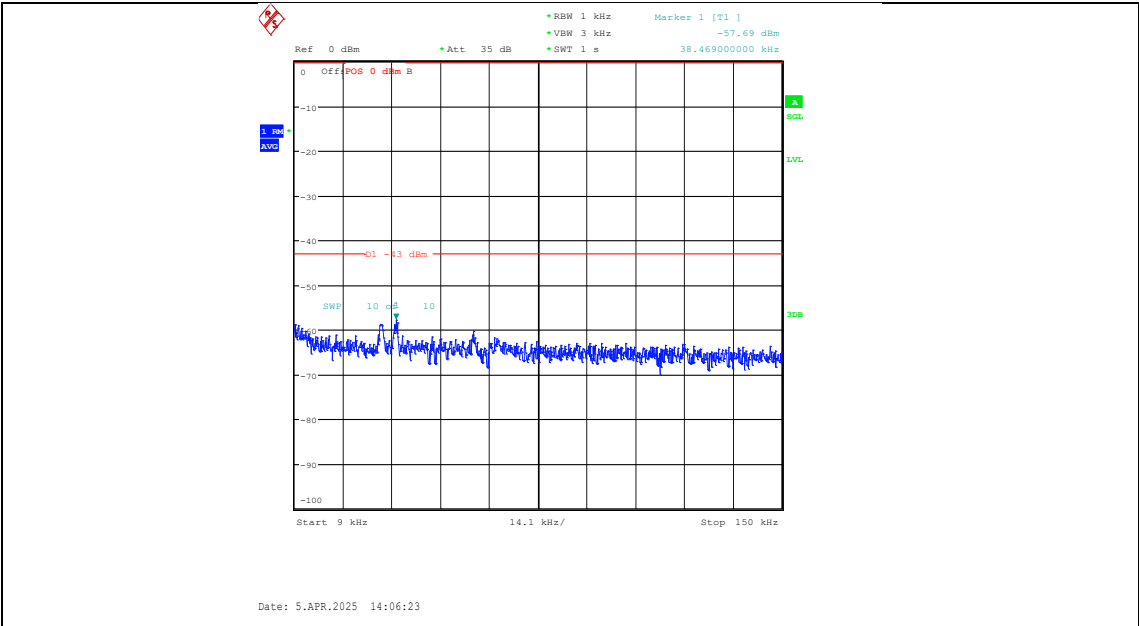




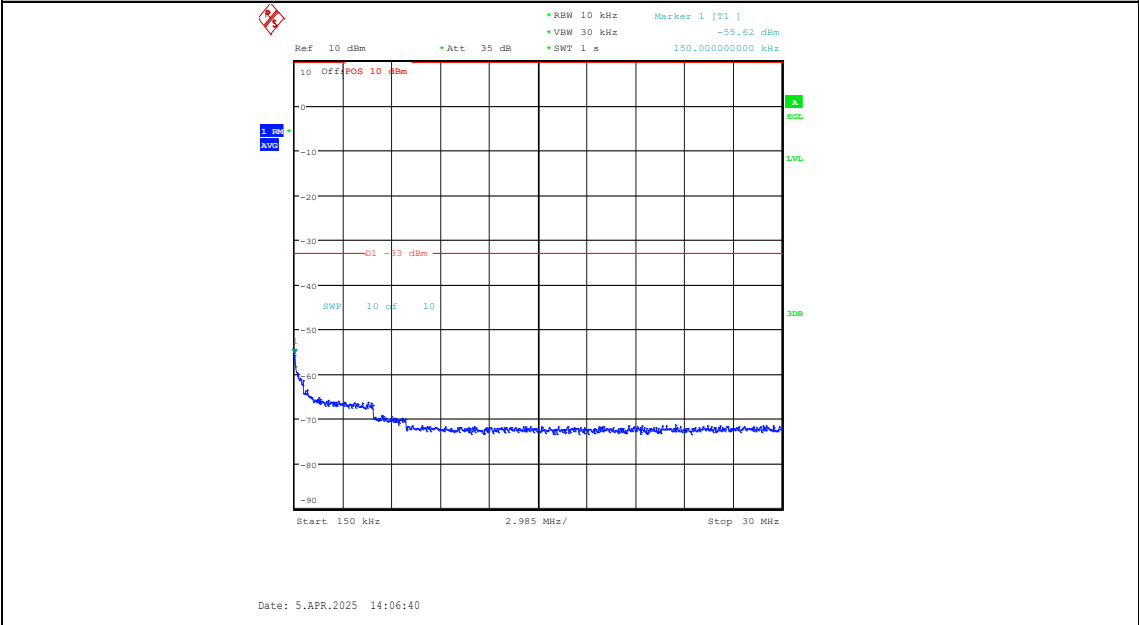
Band4-1413-1-30~1000MHz-PASS



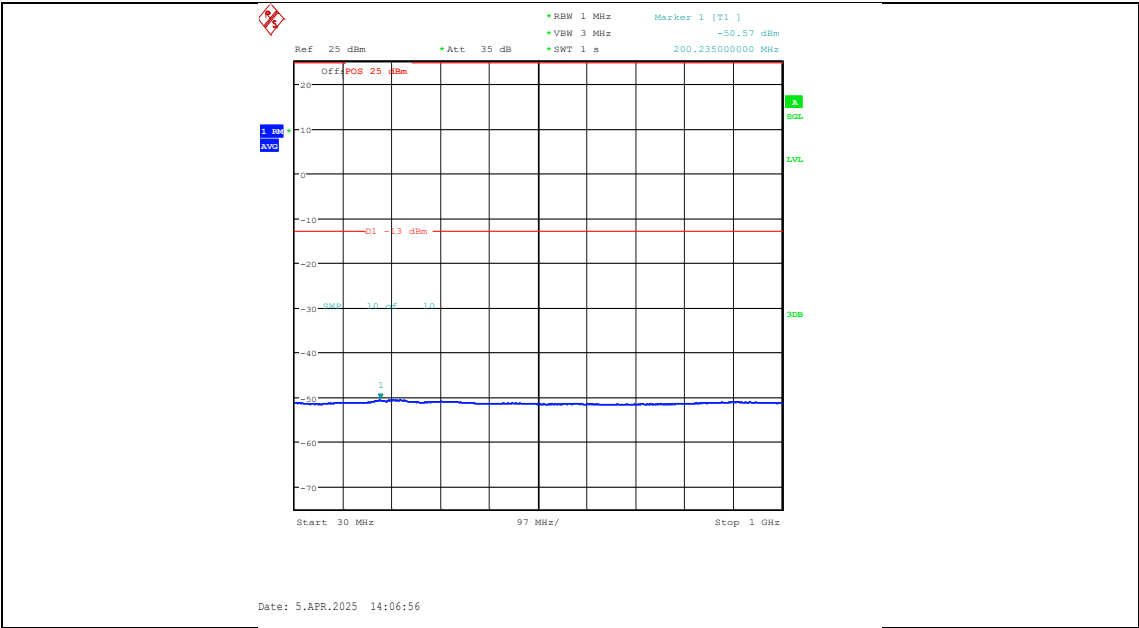
Band4-1413-1-1000~20000MHz-PASS



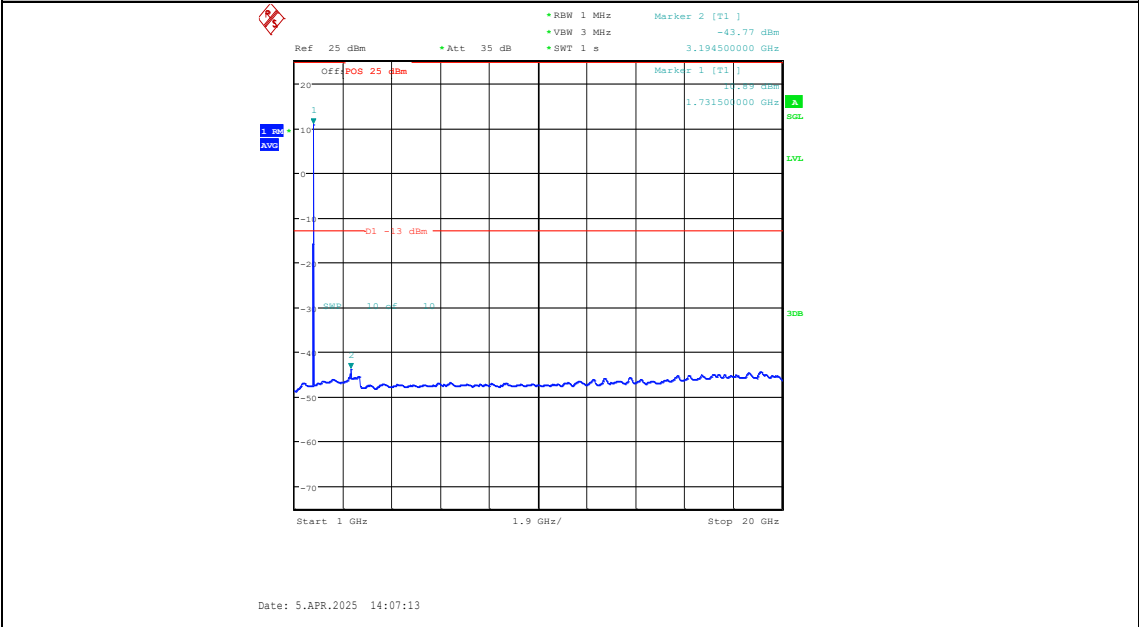
Band4-1413-2-0.009~0.15MHz-PASS



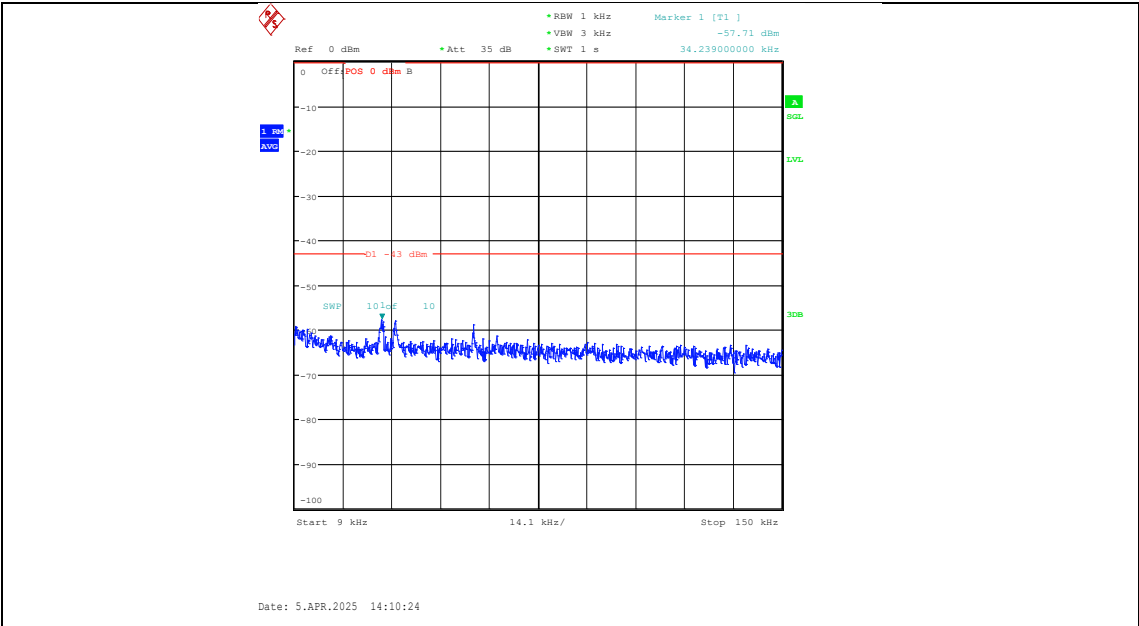
Band4-1413-2-0.15~30MHz-PASS



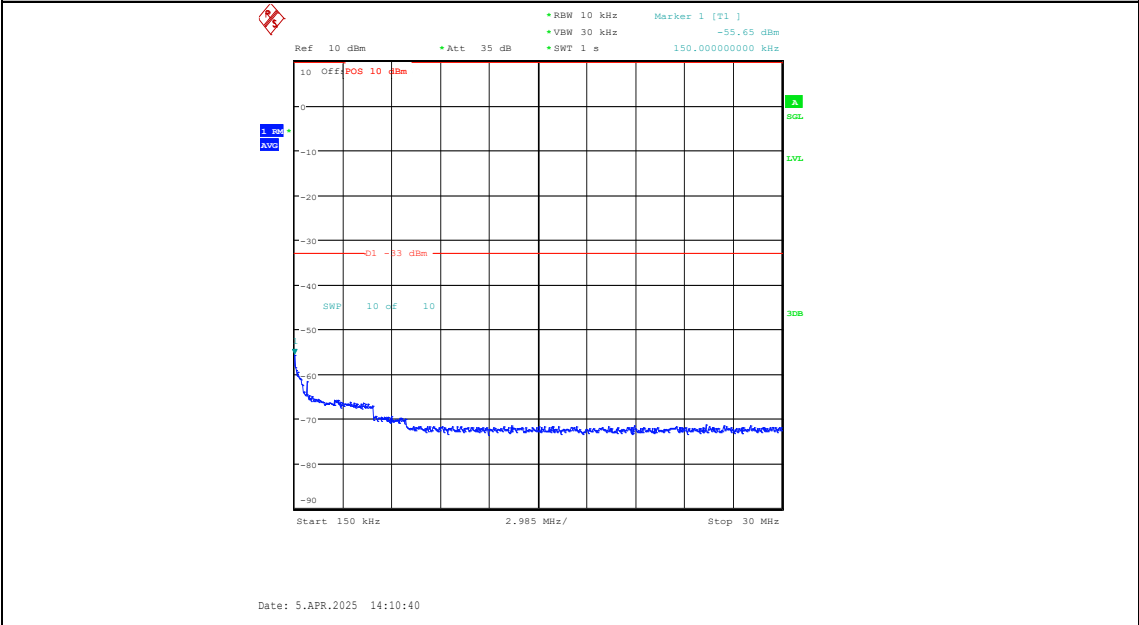
Band4-1413-2-30~1000MHz-PASS



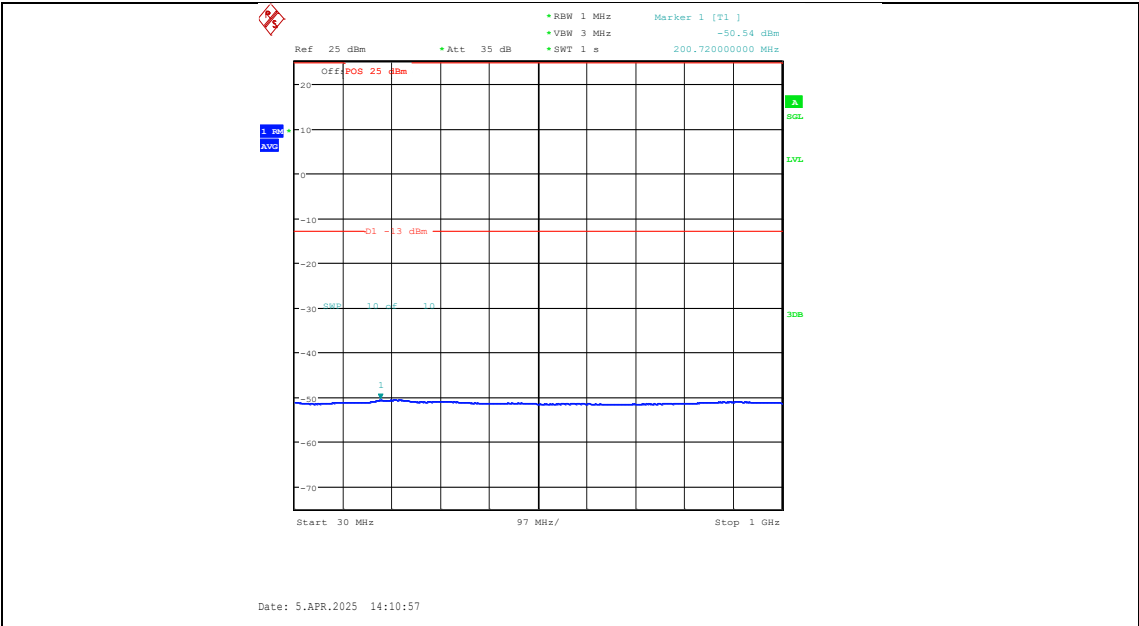
Band4-1413-2-1000~20000MHz-PASS



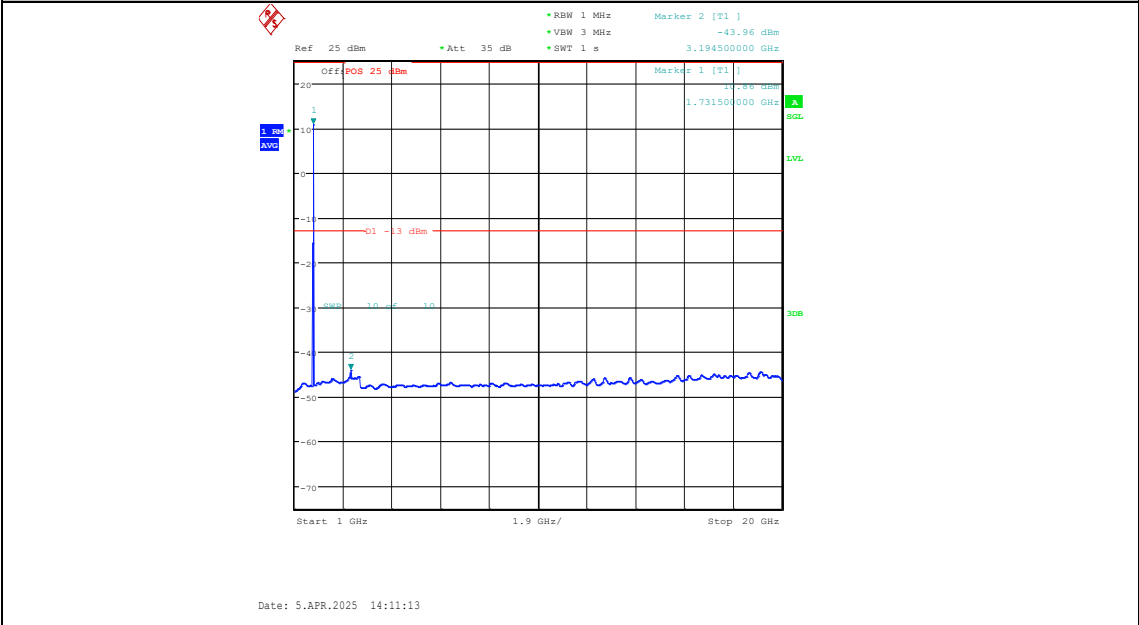
Band4-1413-3-0.009~0.15MHz-PASS



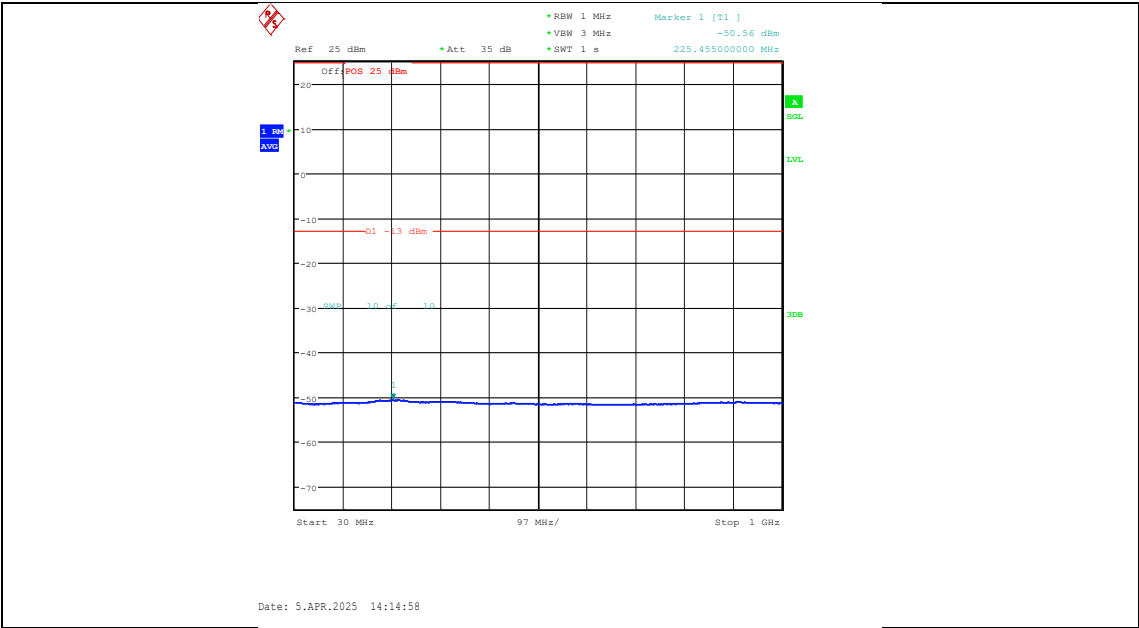
Band4-1413-3-0.15~30MHz-PASS



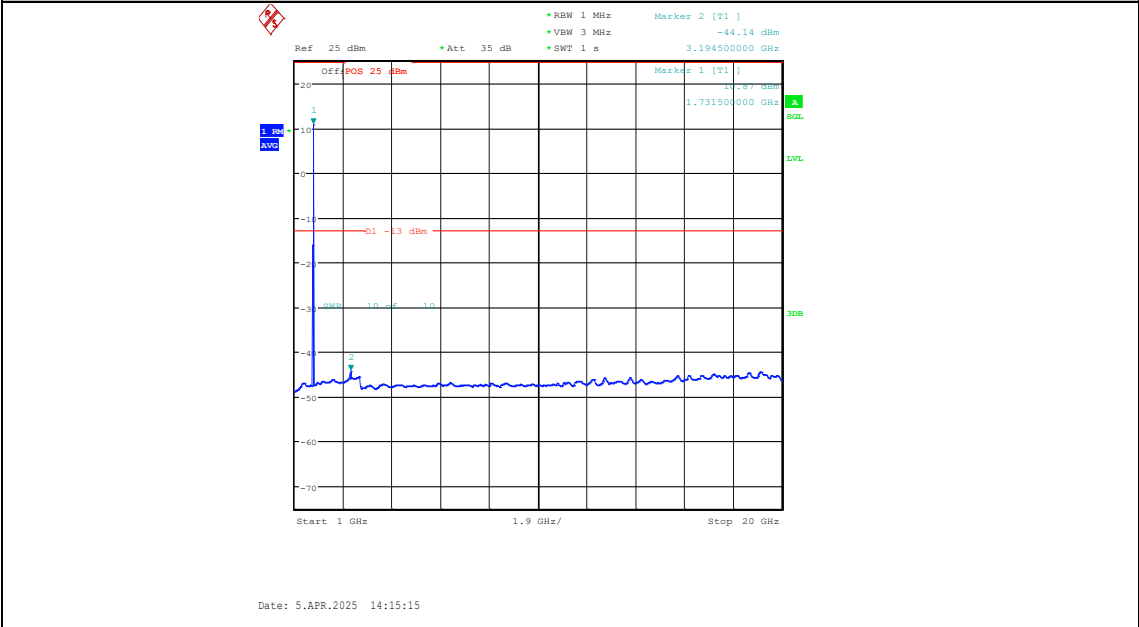
Band4-1413-3-30~1000MHz-PASS



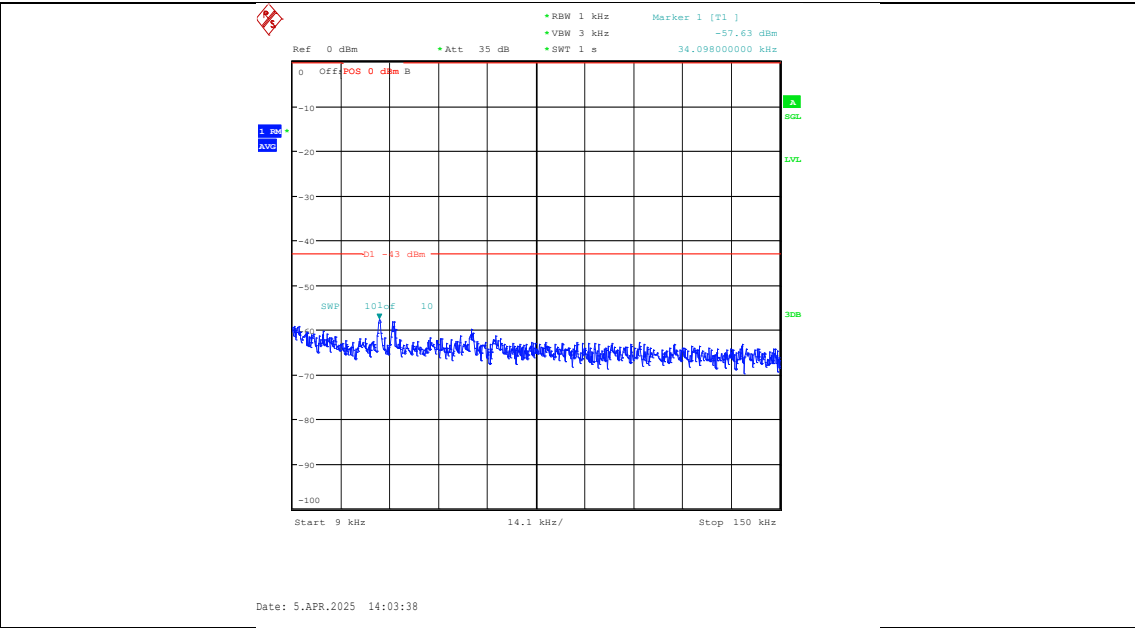
Band4-1413-3-1000~20000MHz-PASS



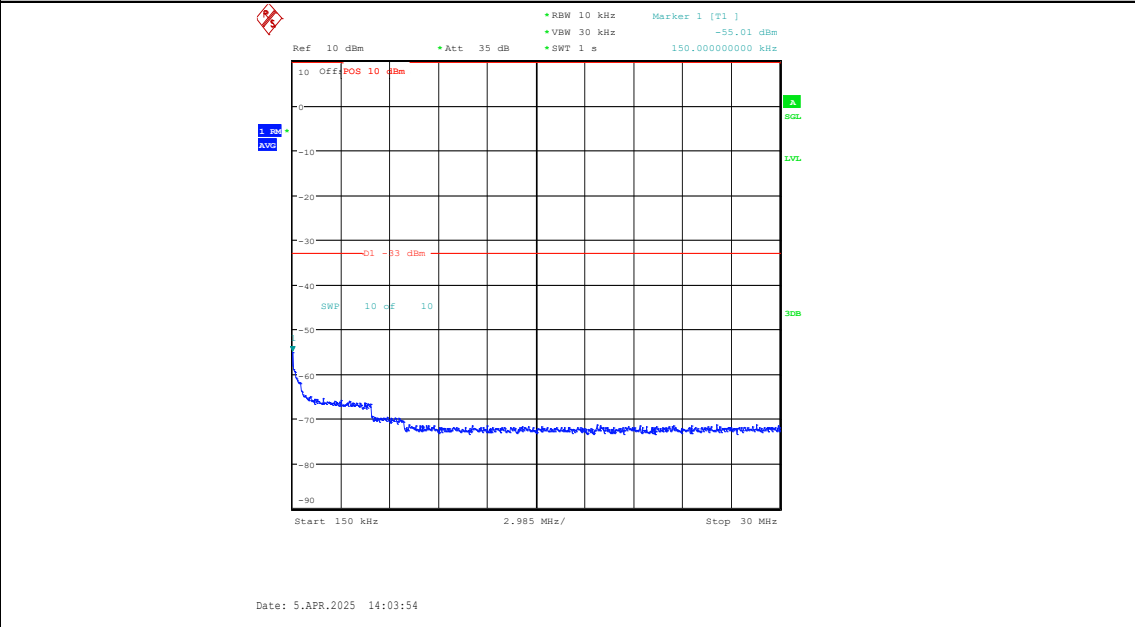
Band4-1413-4-30~1000MHz-PASS



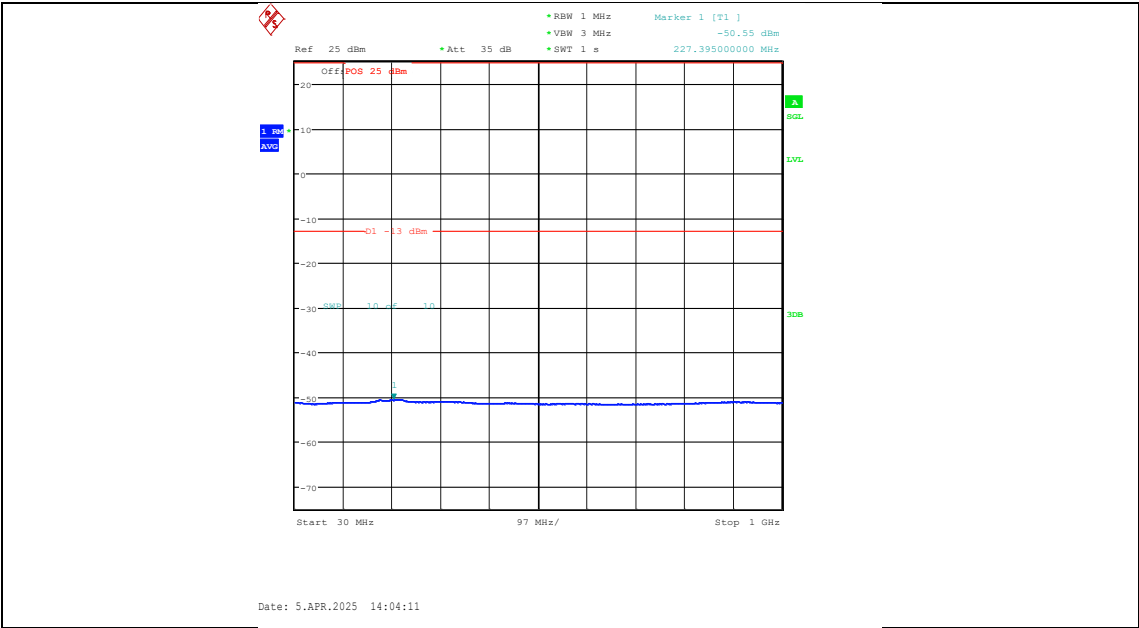
Band4-1413-4-1000~20000MHz-PASS



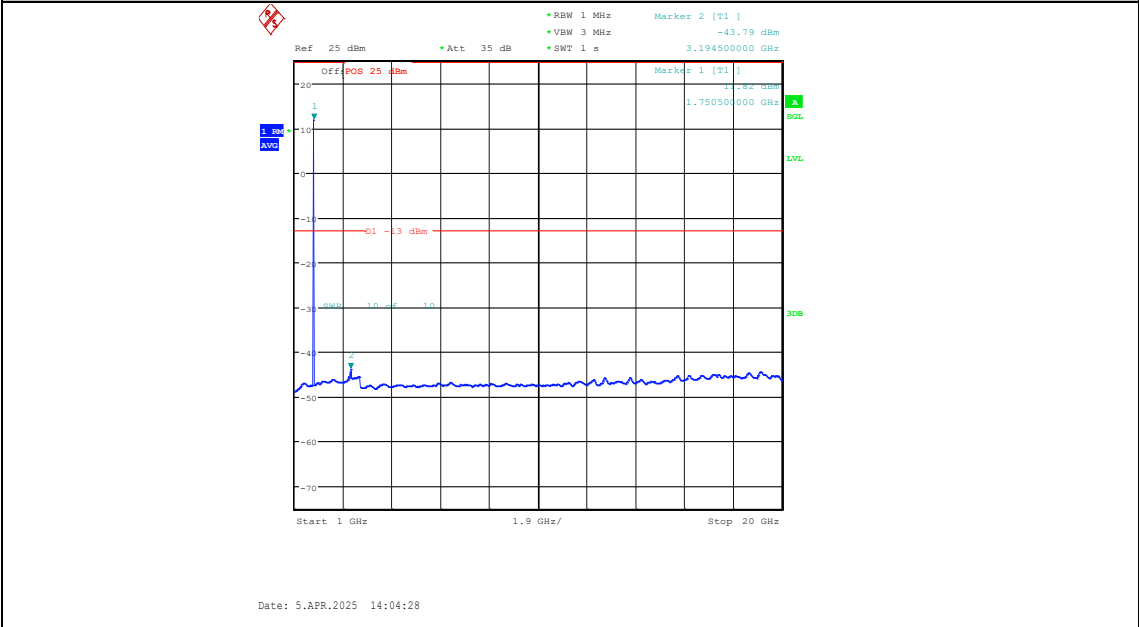
Band4-1513-1-0.009~0.15MHz-PASS



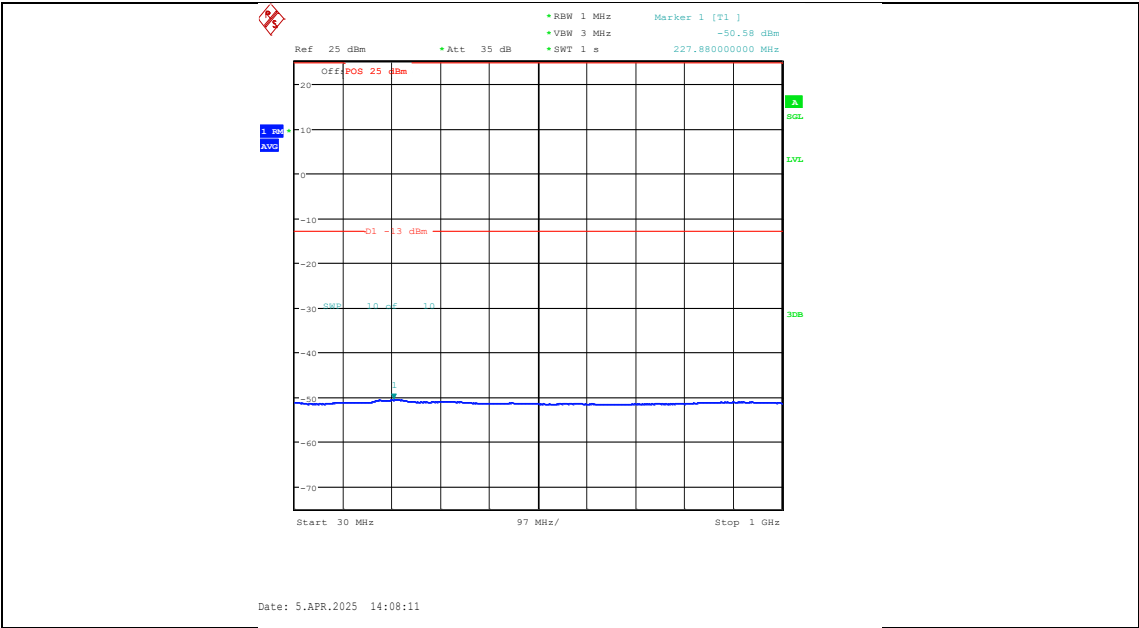
Band4-1513-1-0.15~30MHz-PASS



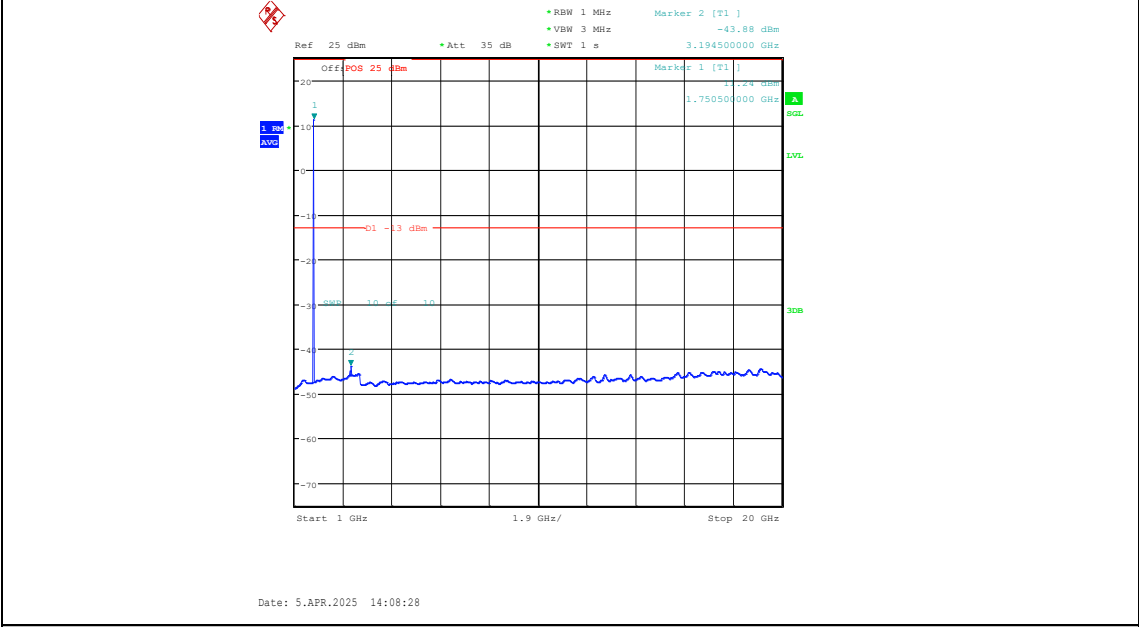
Band4-1513-1-30~1000MHz-PASS



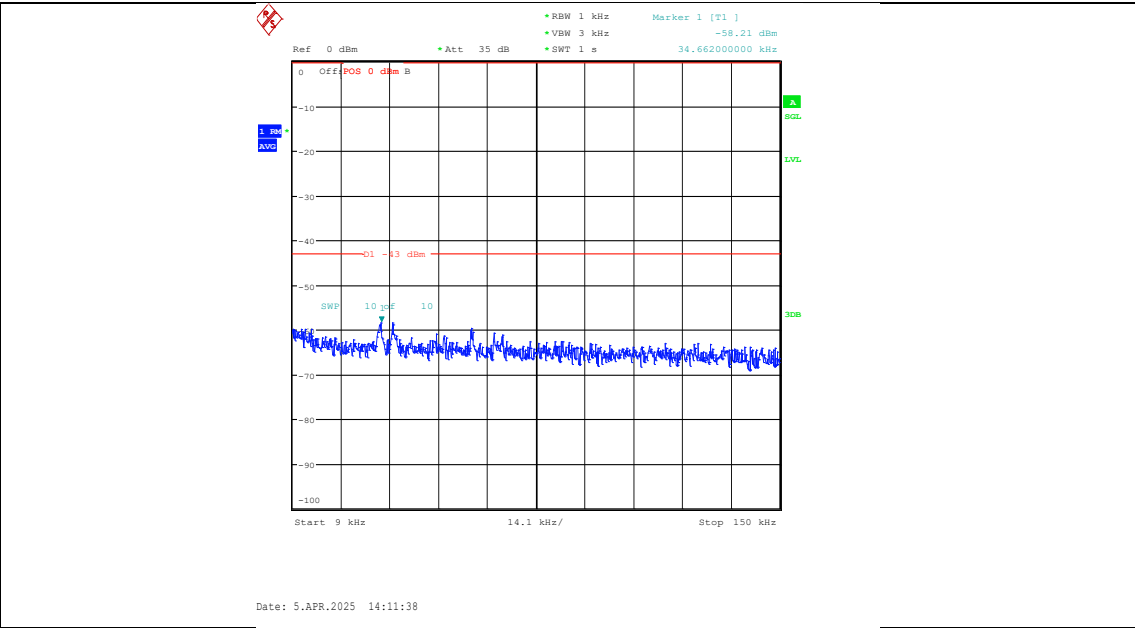
Band4-1513-1-1000~20000MHz-PASS



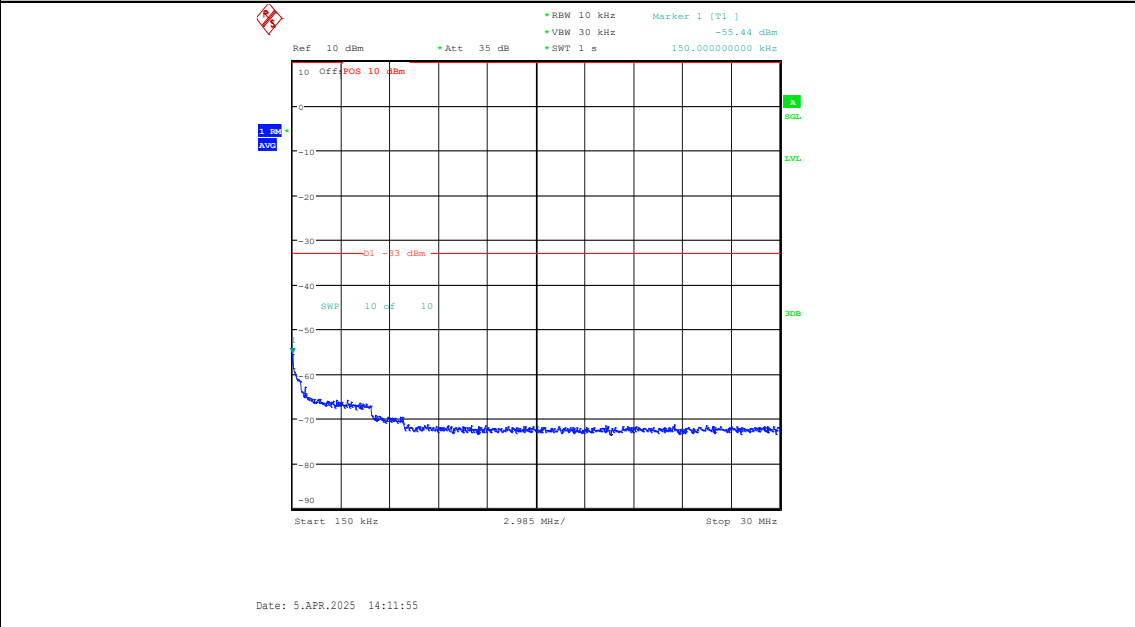
Band4-1513-2-30~1000MHz-PASS



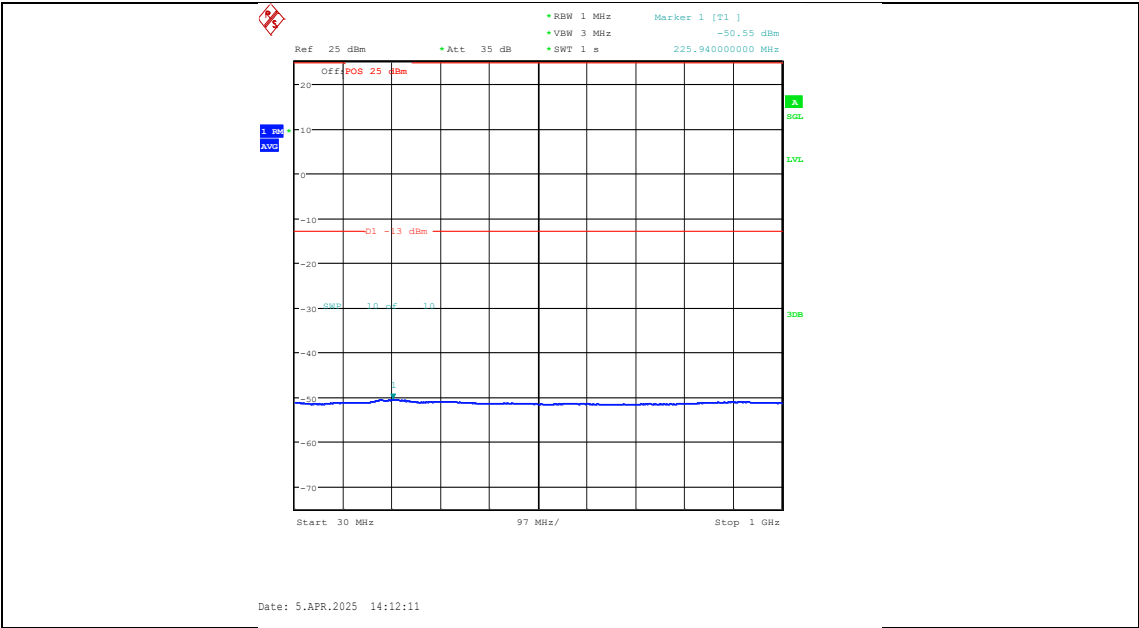
Band4-1513-2-1000~20000MHz-PASS



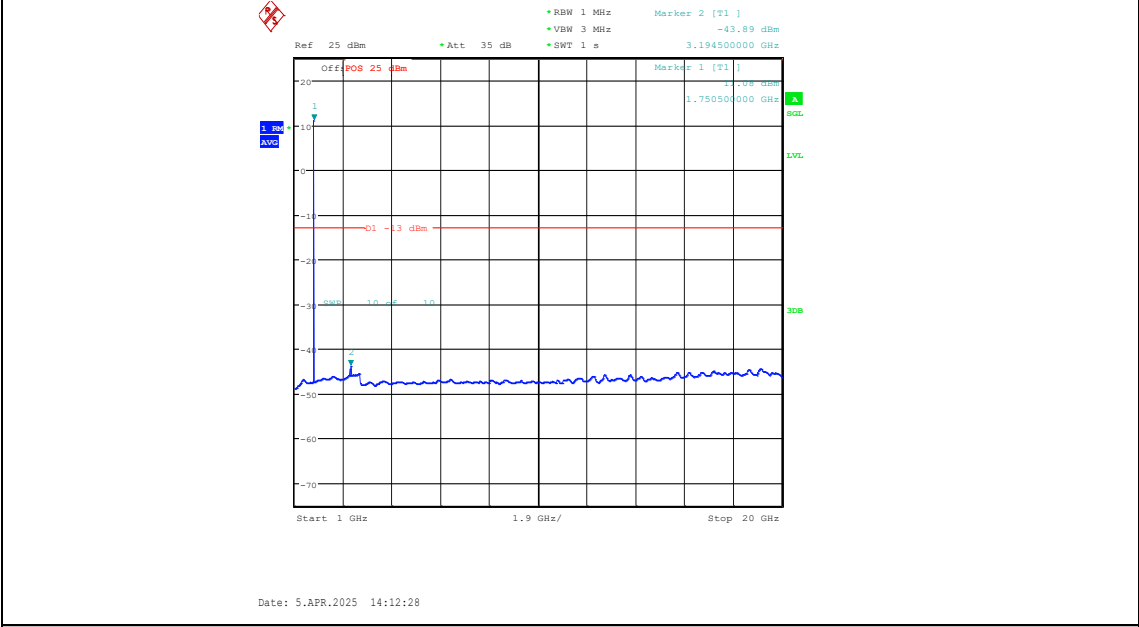
Band4-1513-3-0.009~0.15MHz-PASS



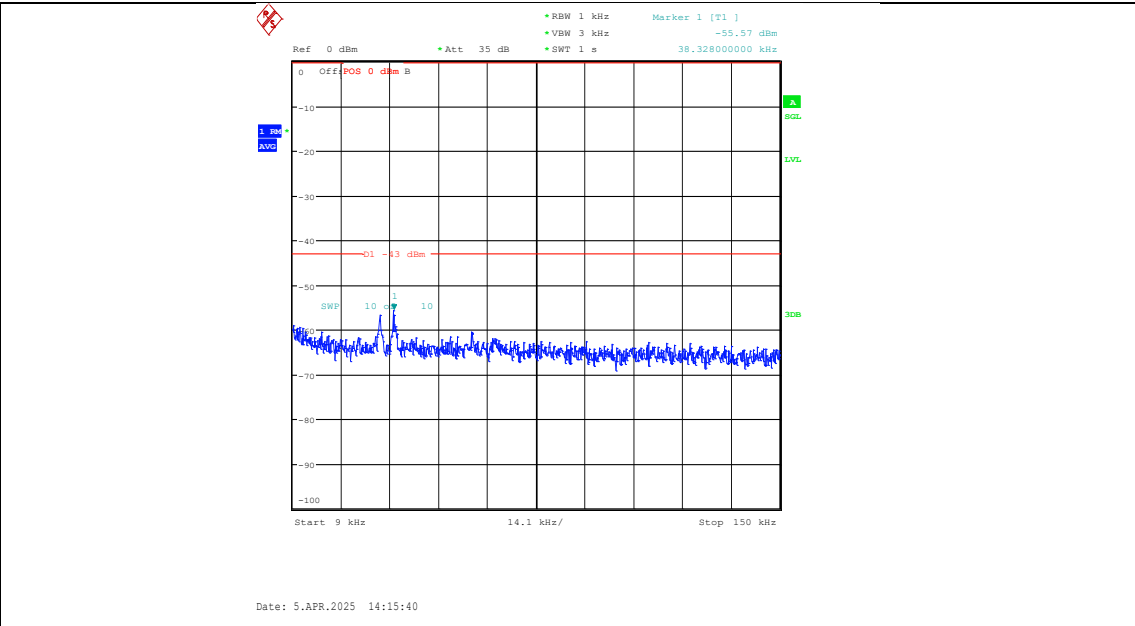
Band4-1513-3-0.15~30MHz-PASS



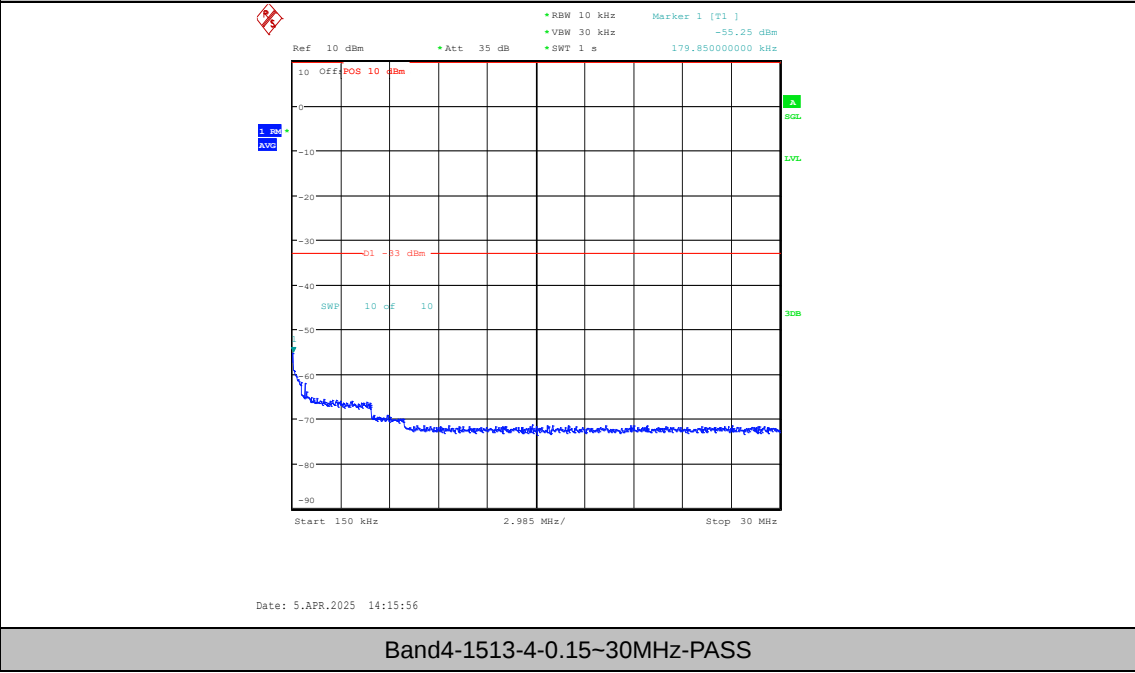
Band4-1513-3-30~1000MHz-PASS



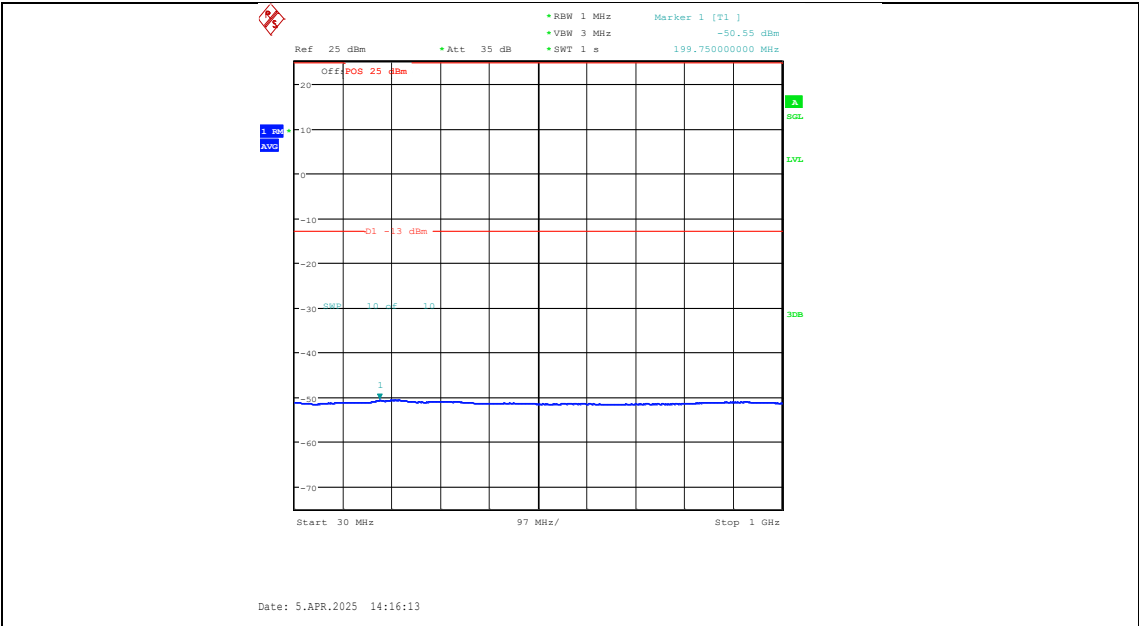
Band4-1513-3-1000~20000MHz-PASS



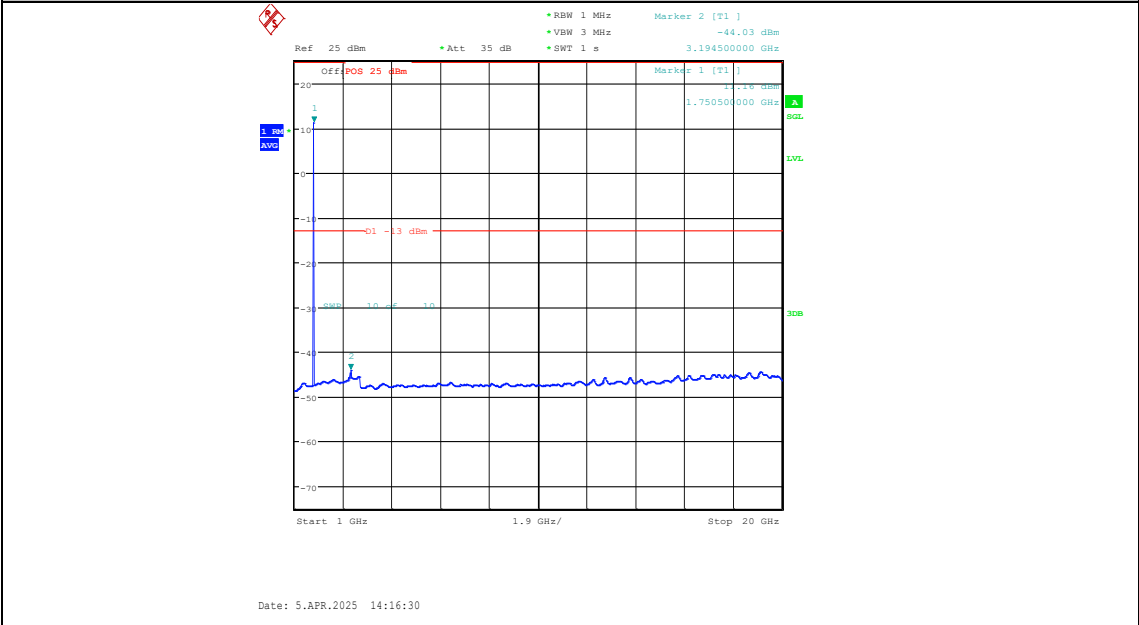
Band4-1513-4-0.009~0.15MHz-PASS



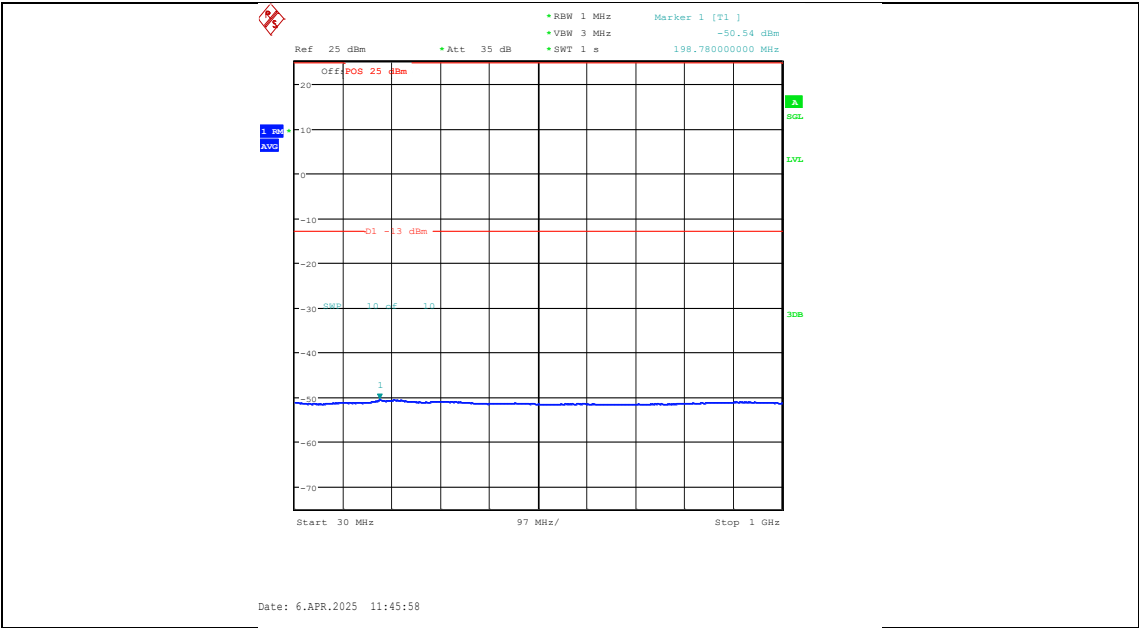
Band4-1513-4-0.15~30MHz-PASS



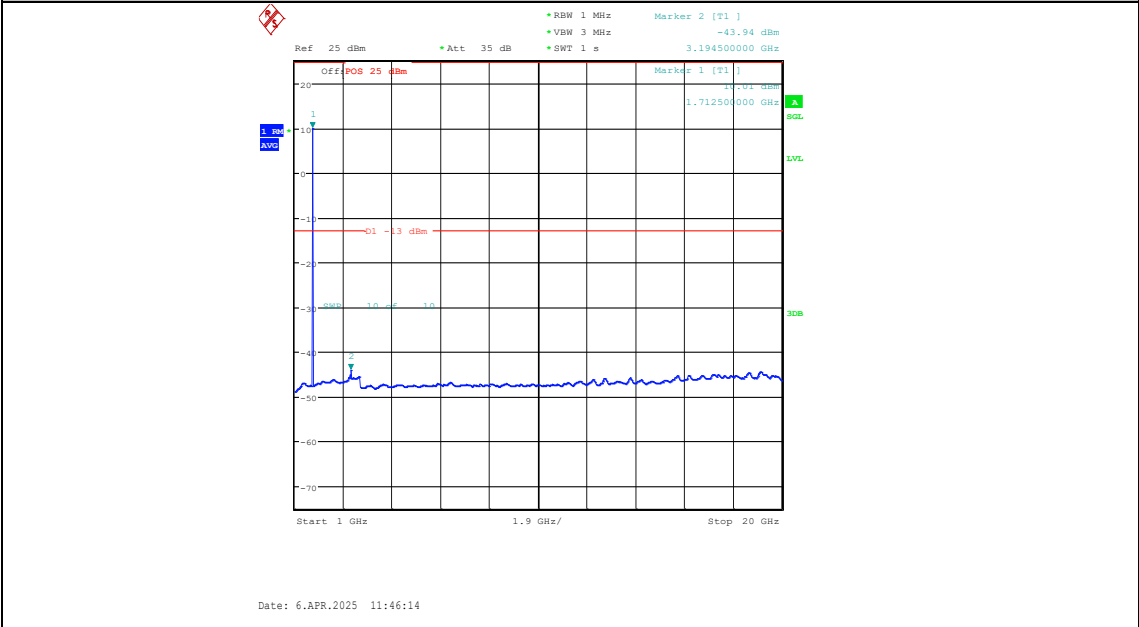
Band4-1513-4-30~1000MHz-PASS



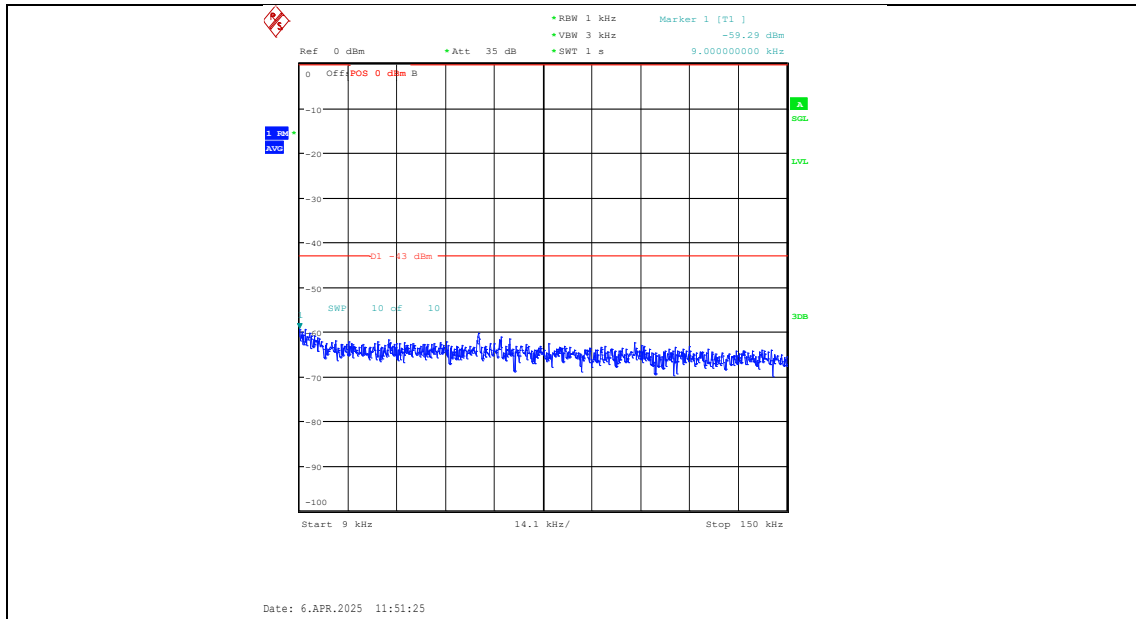
Band4-1513-4-1000~20000MHz-PASS



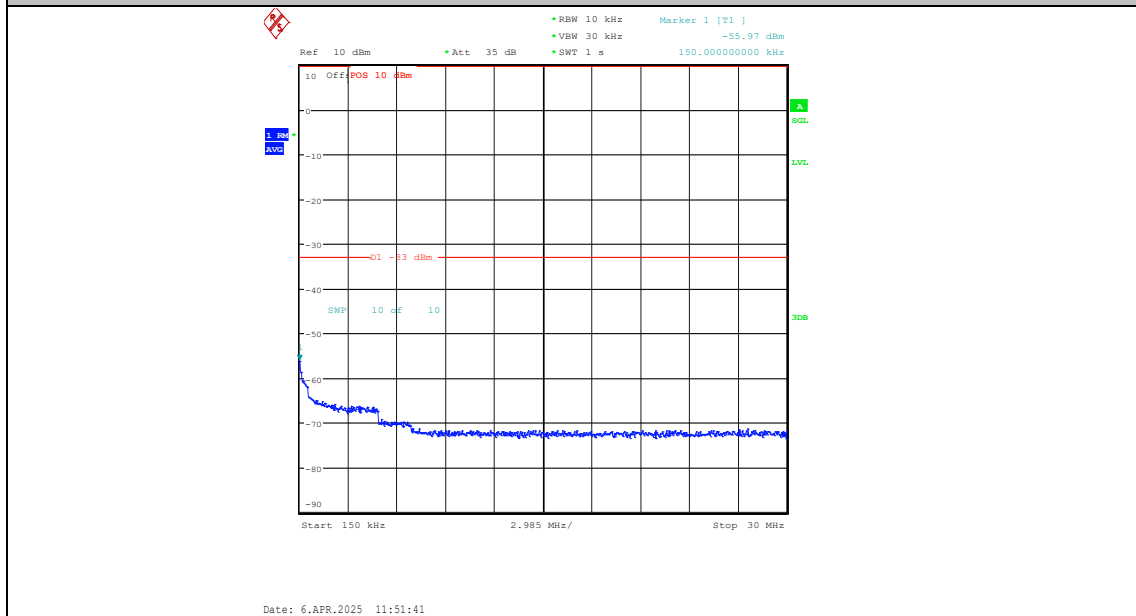
Band4-1312-1-30~1000MHz-PASS



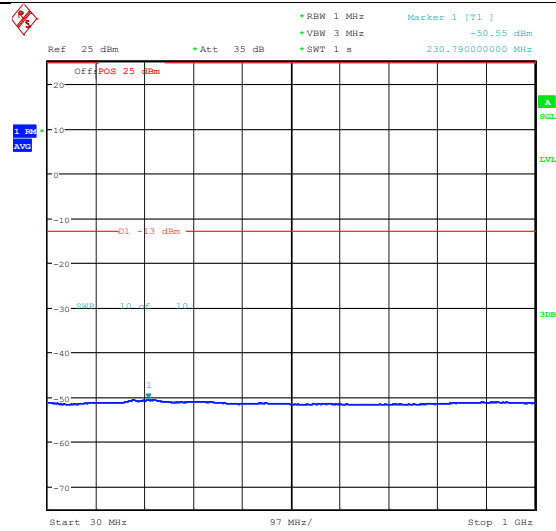
Band4-1312-1-1000~20000MHz-PASS



Band4-1312-2-0.009~0.15MHz-PASS

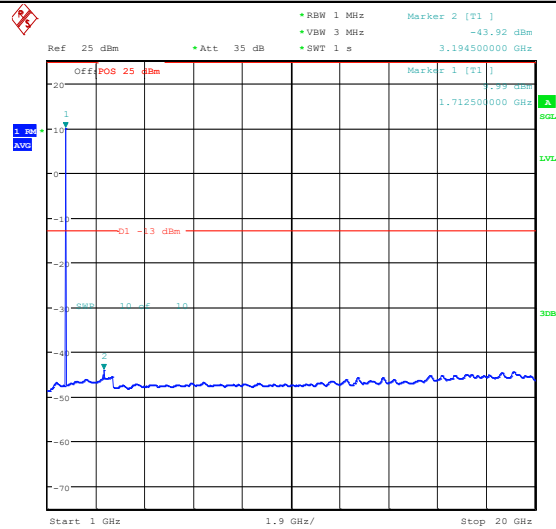


Band4-1312-2-0.15~30MHz-PASS



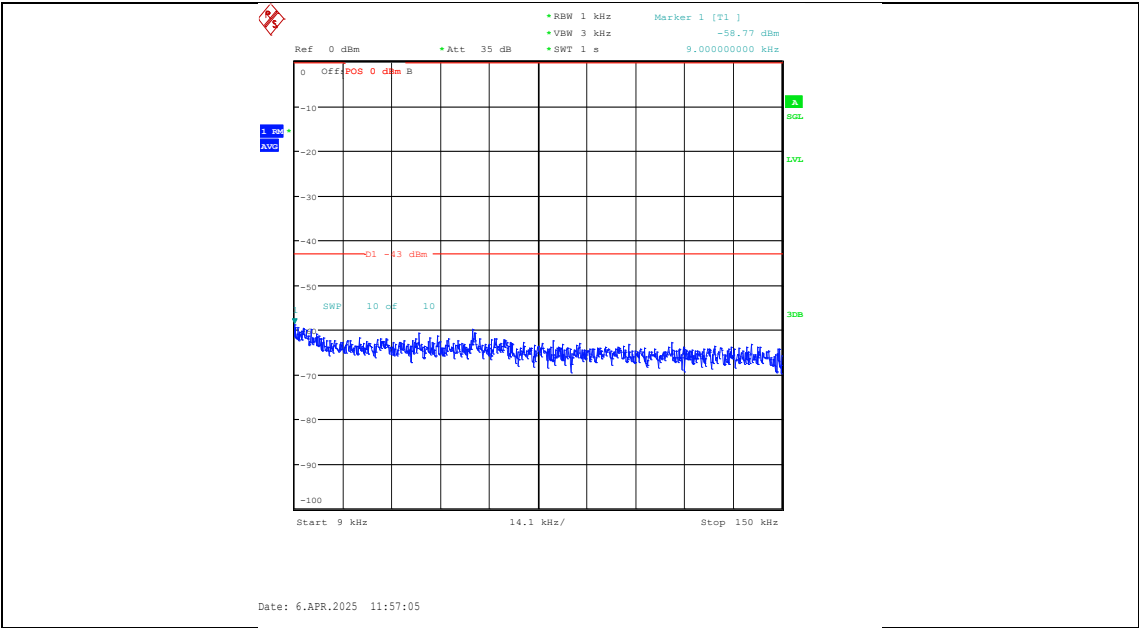
Date: 6.APR.2025 11:51:58

Band4-1312-2-30~1000MHz-PASS

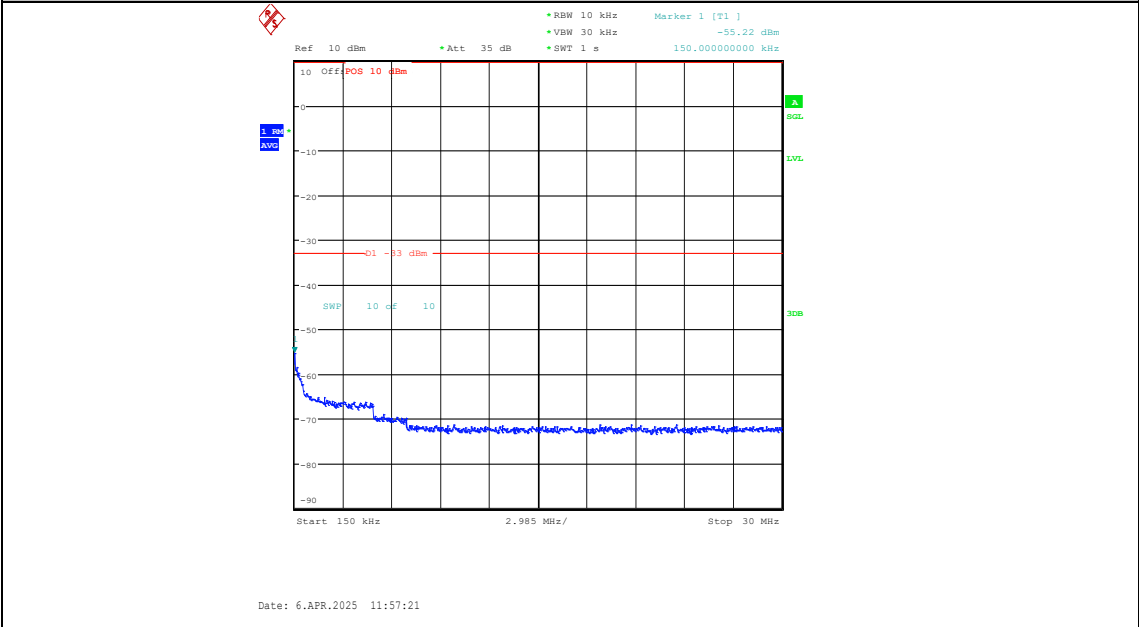


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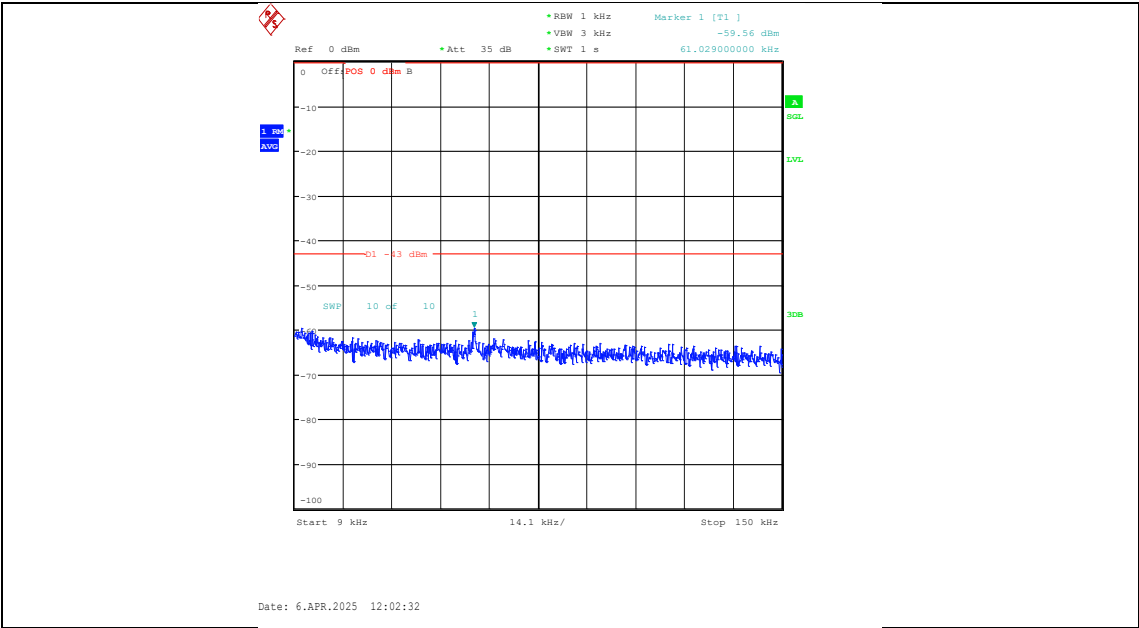
Band4-1312-2-1000~20000MHz-PASS



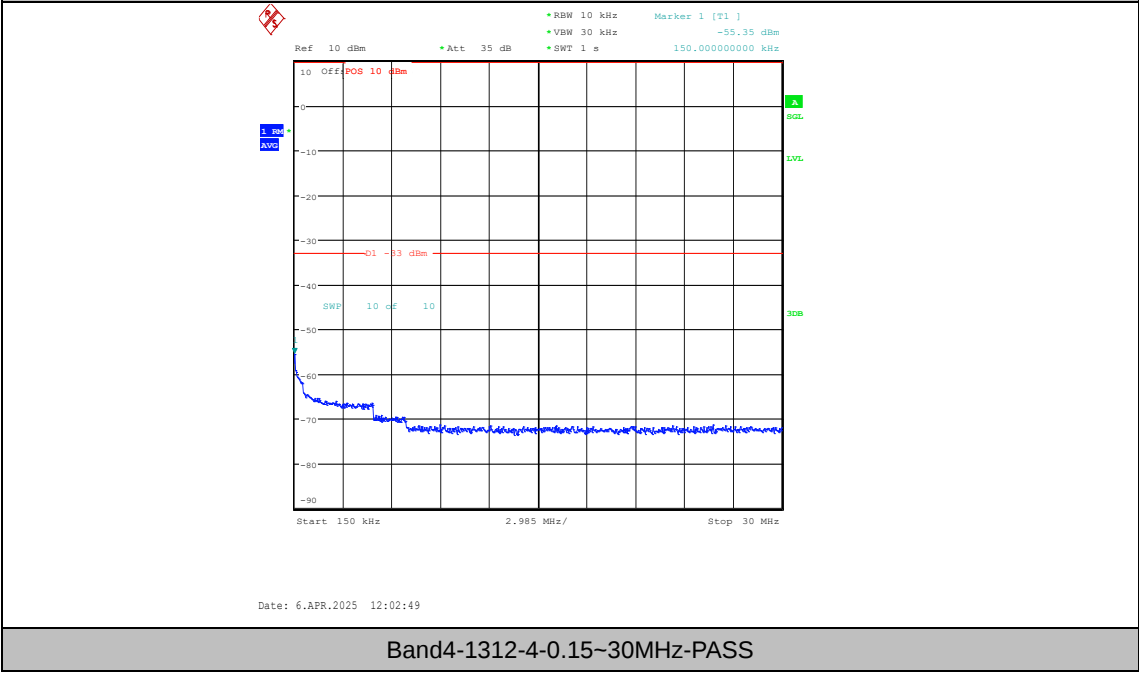
Band4-1312-3-0.009~0.15MHz-PASS



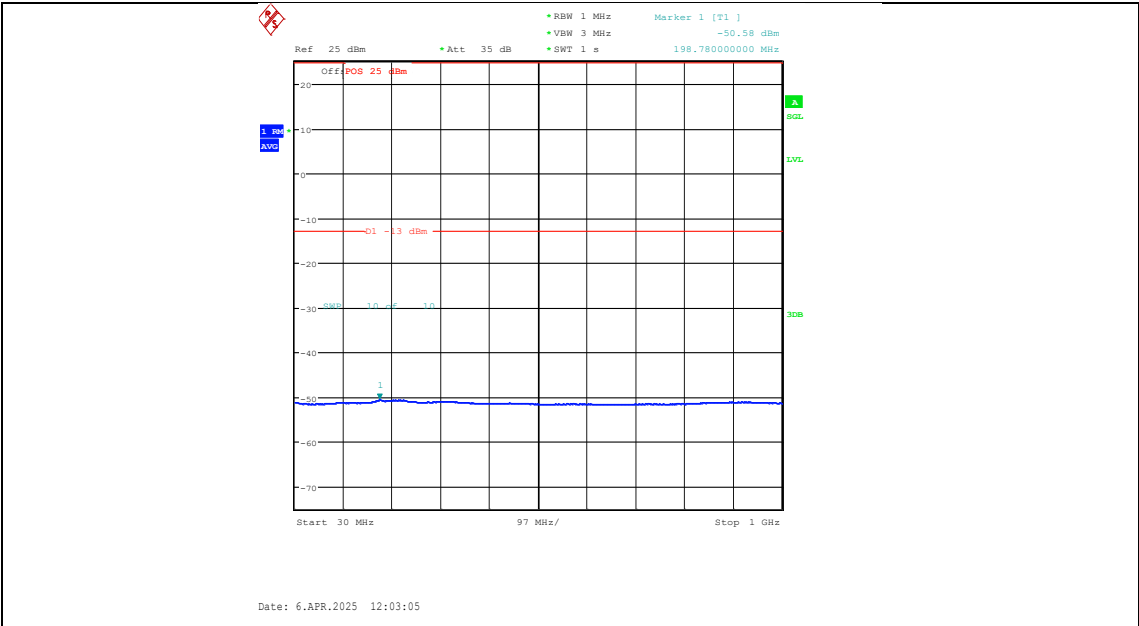
Band4-1312-3-0.15~30MHz-PASS



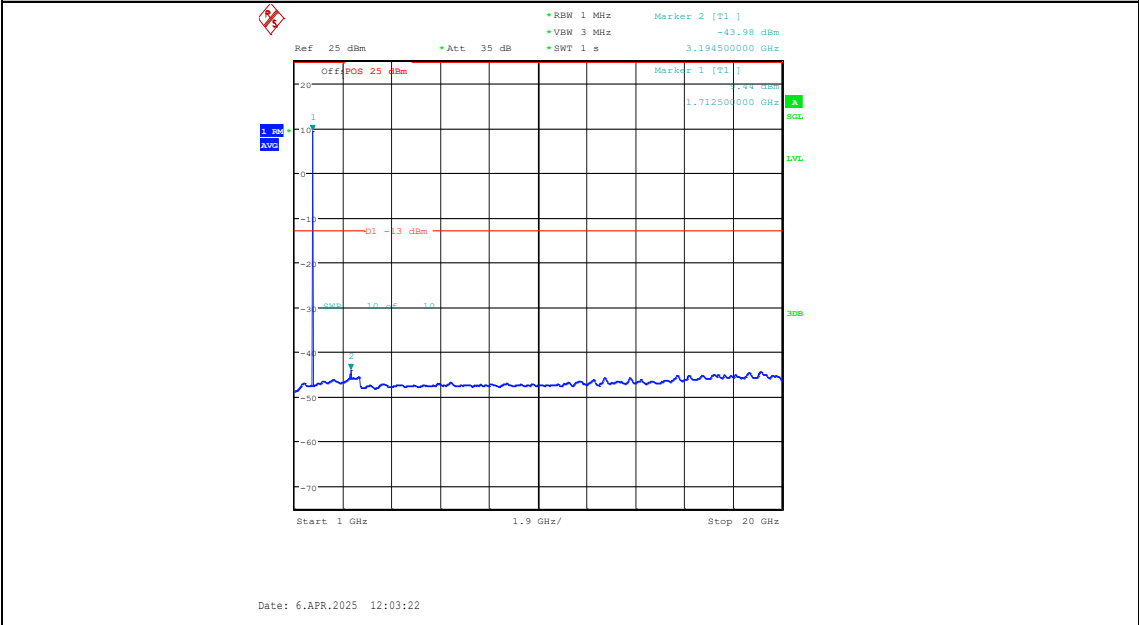
Band4-1312-4-0.009~0.15MHz-PASS



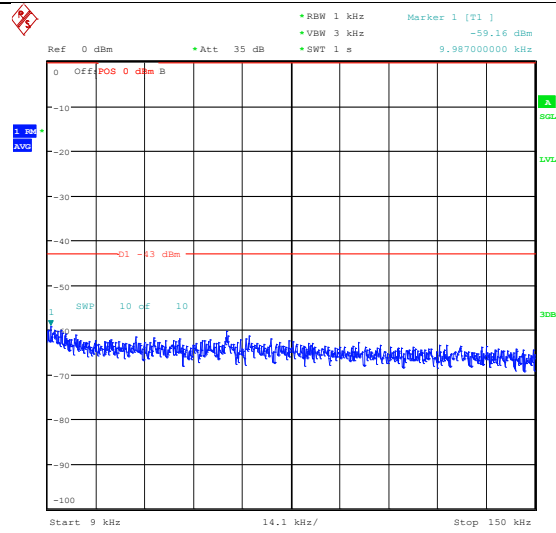
Band4-1312-4-0.15~30MHz-PASS



Band4-1312-4-30~1000MHz-PASS

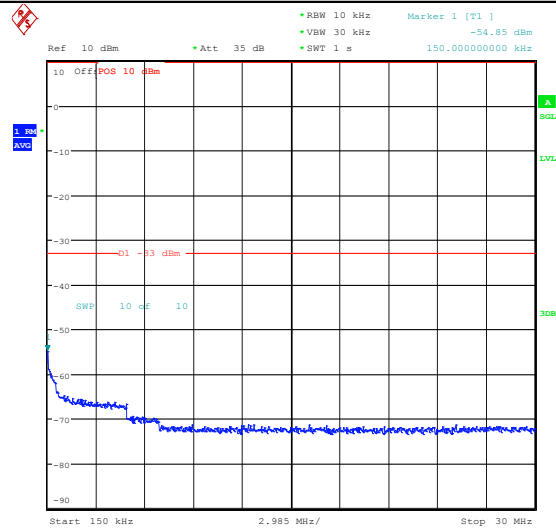


Band4-1312-4-1000~20000MHz-PASS



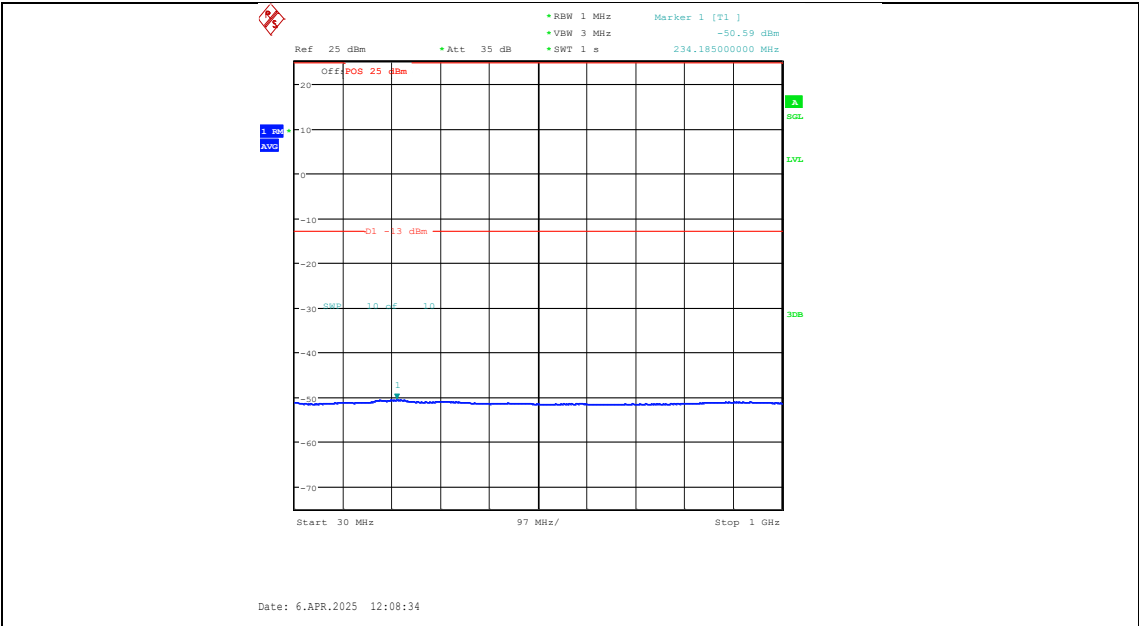
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Band4-1312-5-0.009~0.15MHz-PASS

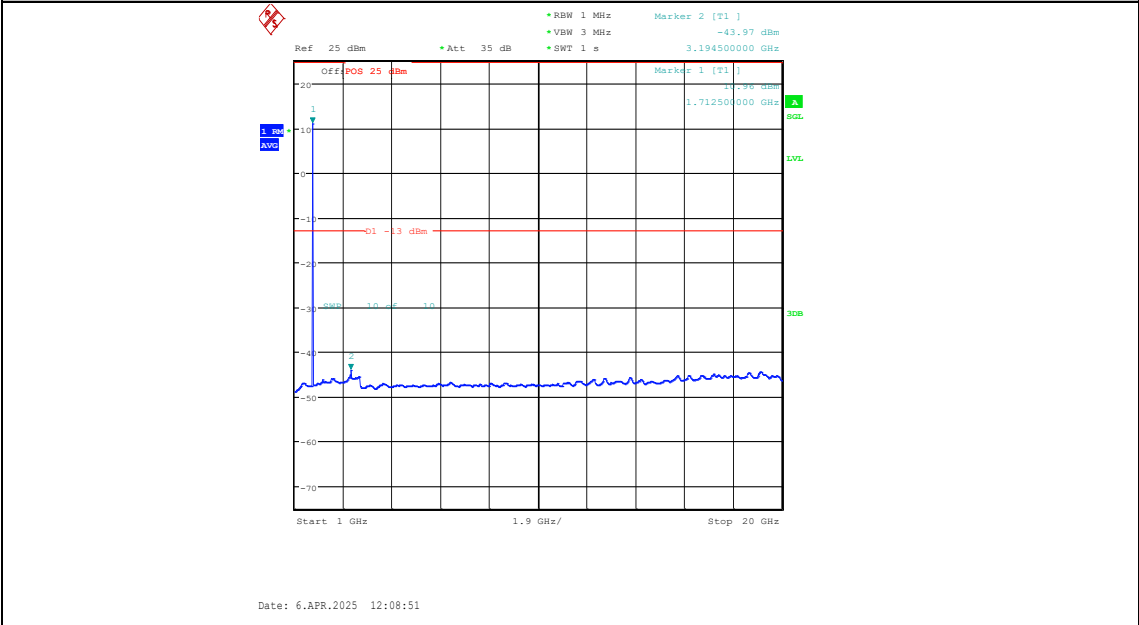


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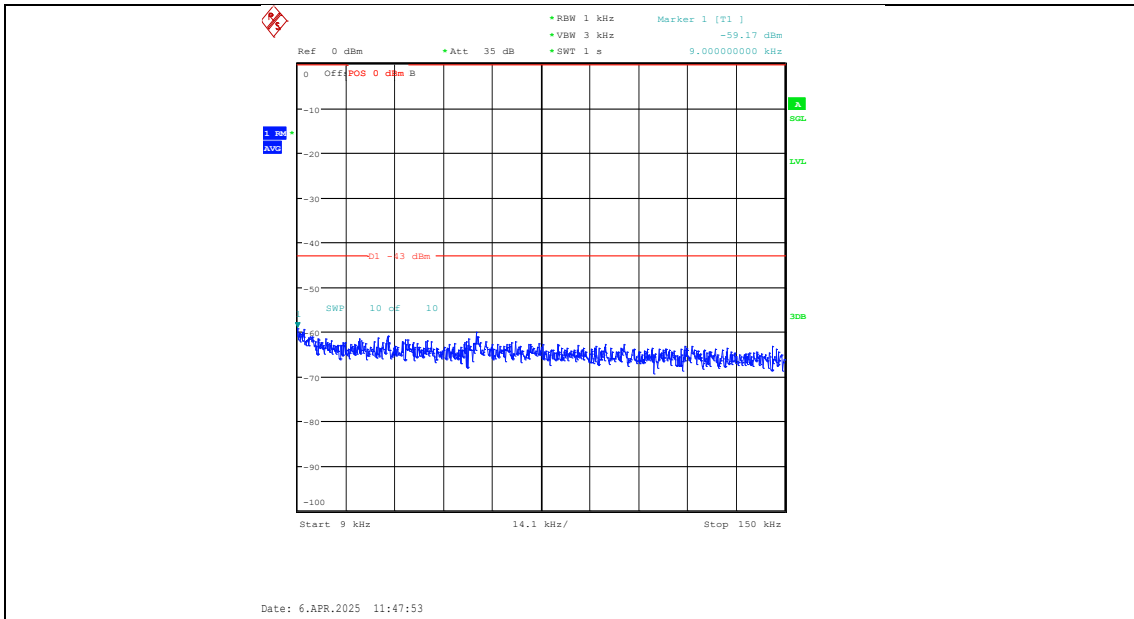
Band4-1312-5-0.15~30MHz-PASS



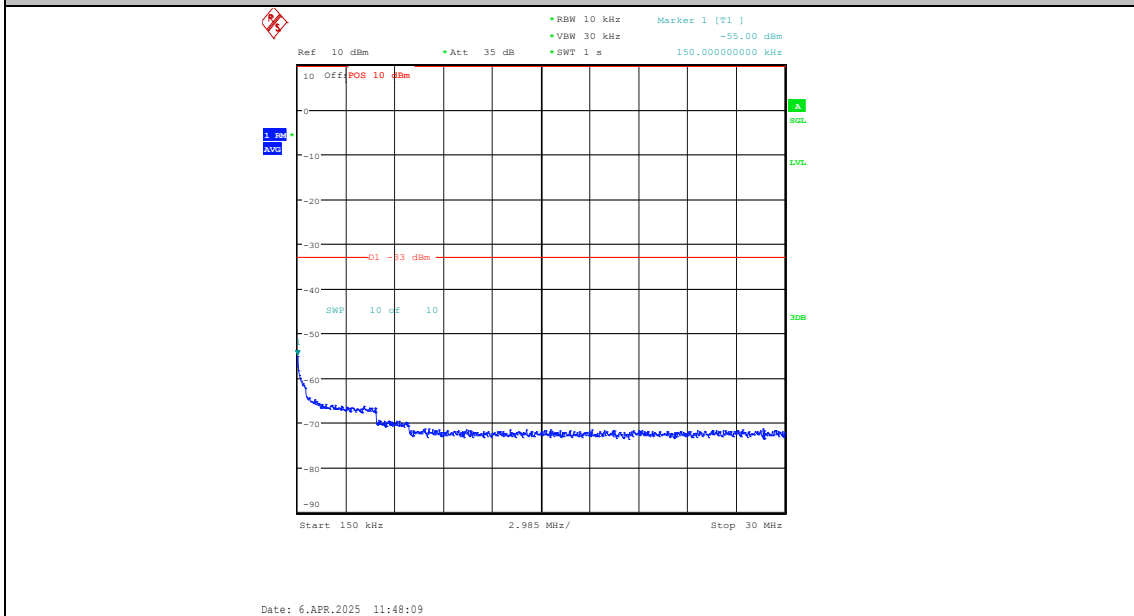
Band4-1312-5-30~1000MHz-PASS



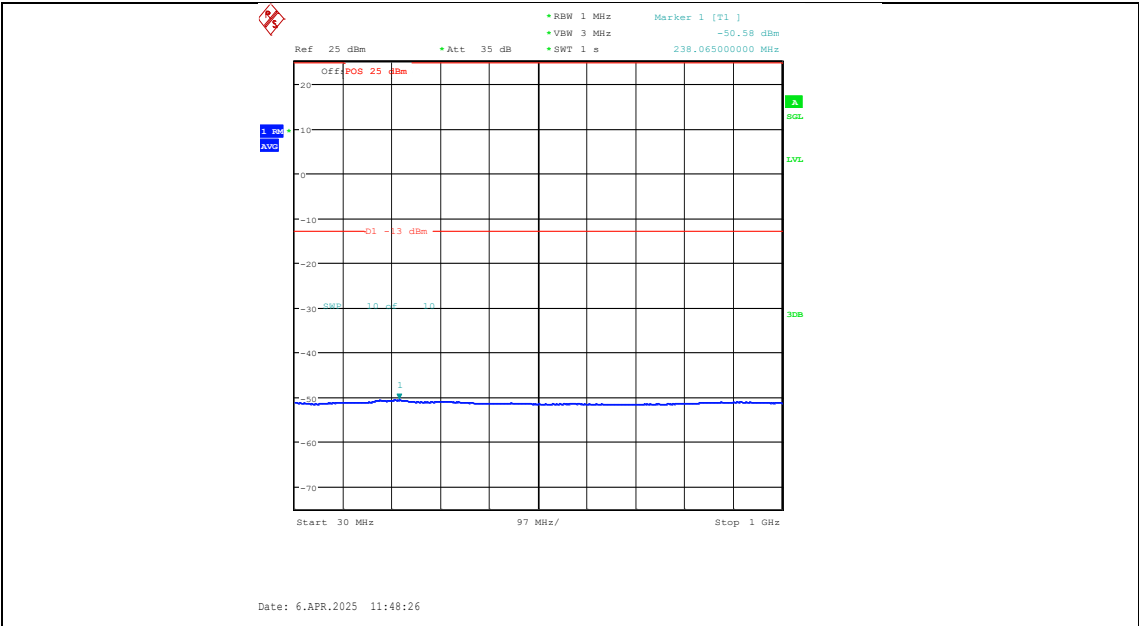
Band4-1312-5-1000~20000MHz-PASS



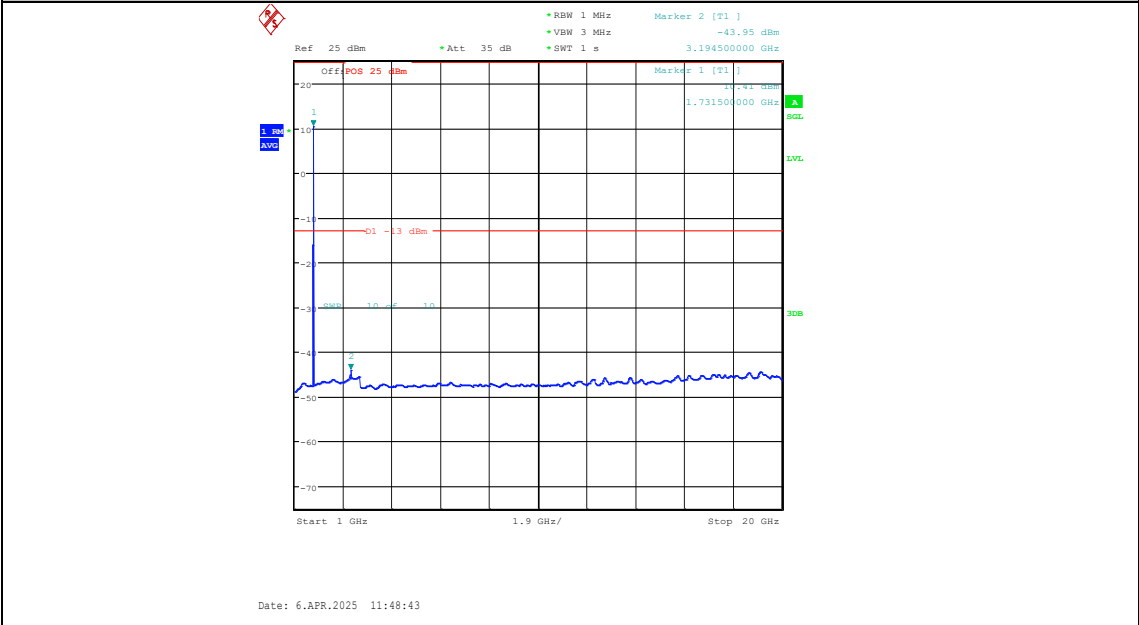
Band4-1413-1-0.009~0.15MHz-PASS



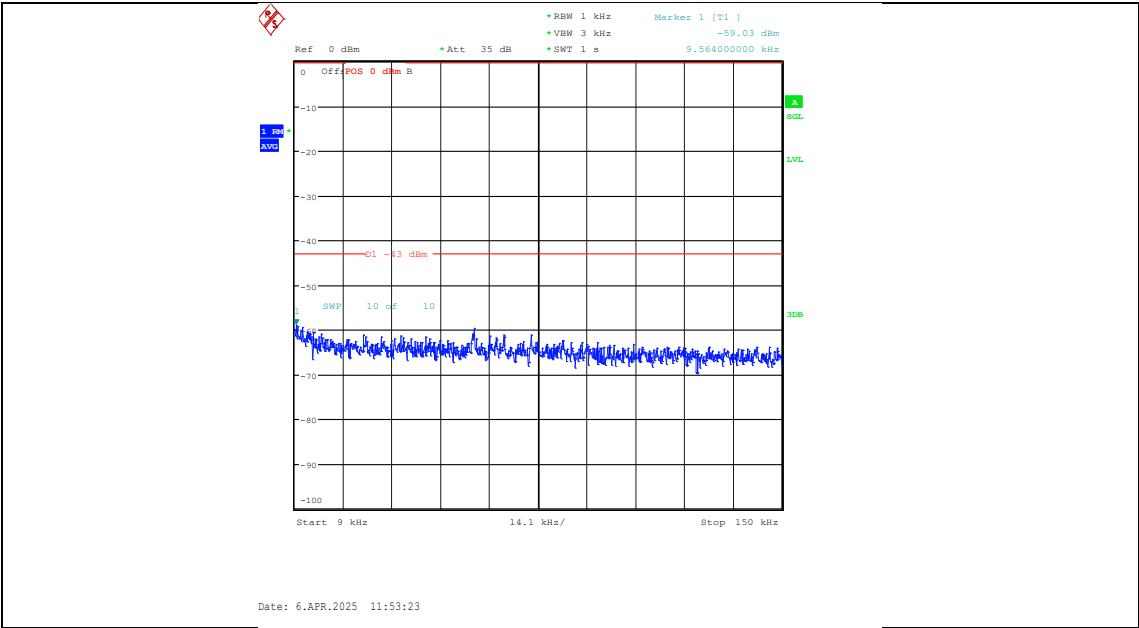
Band4-1413-1-0.15~30MHz-PASS



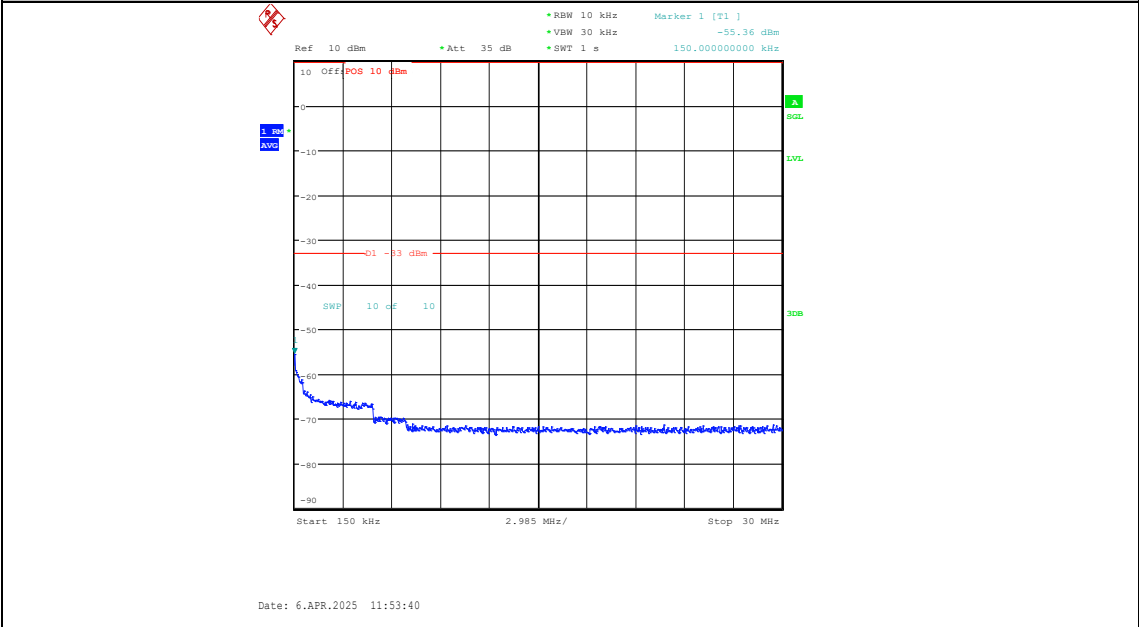
Band4-1413-1-30~1000MHz-PASS



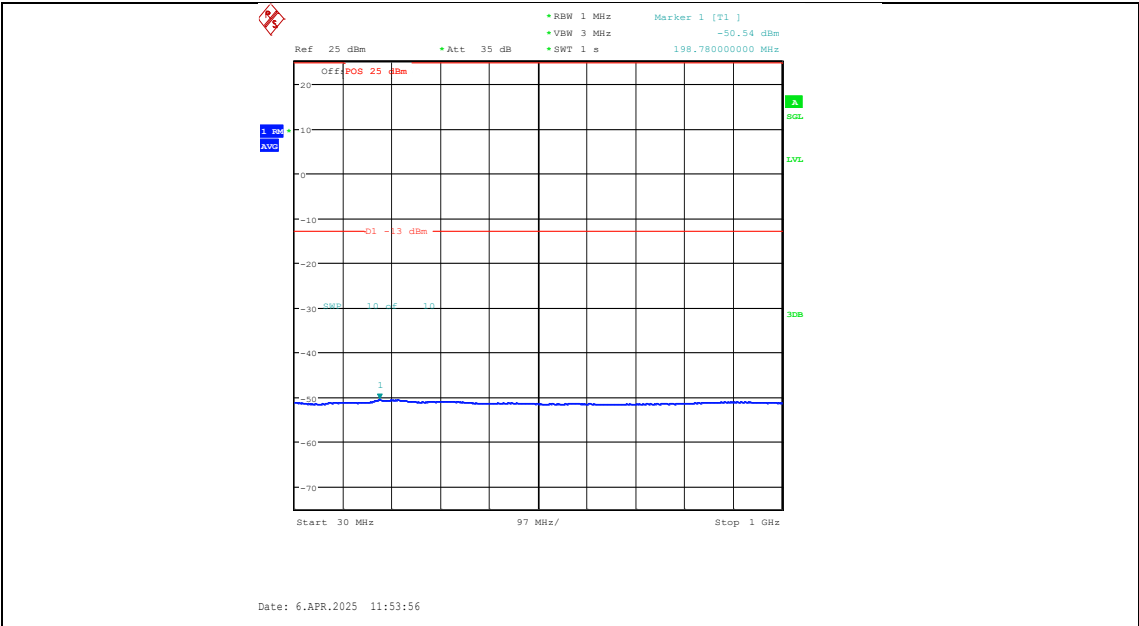
Band4-1413-1-1000~20000MHz-PASS



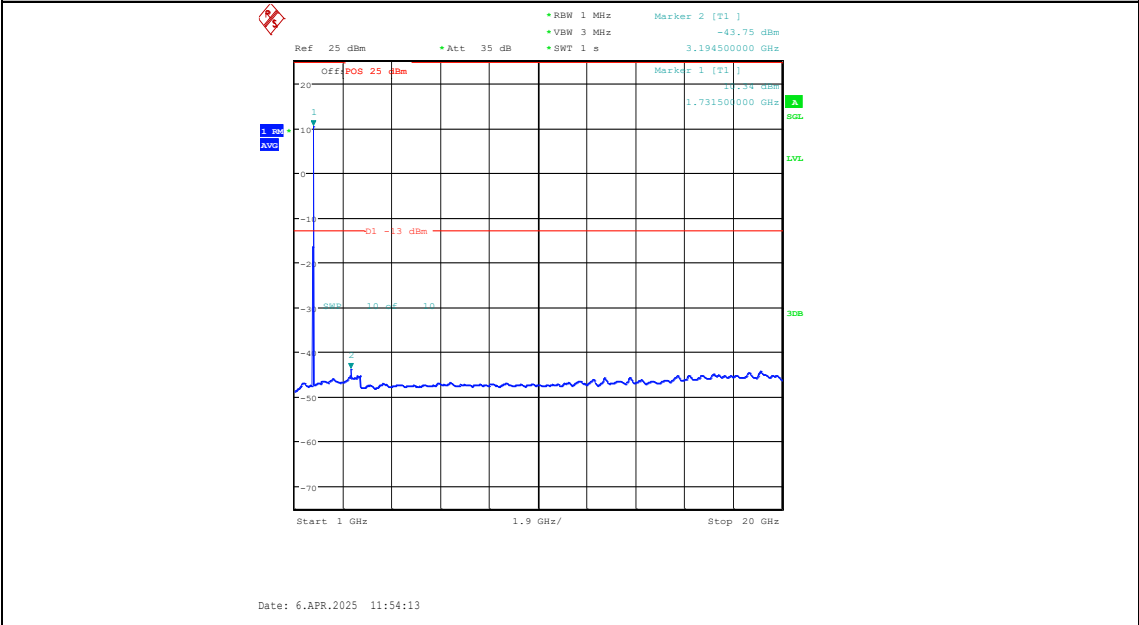
Band4-1413-2-0.009~0.15MHz-PASS



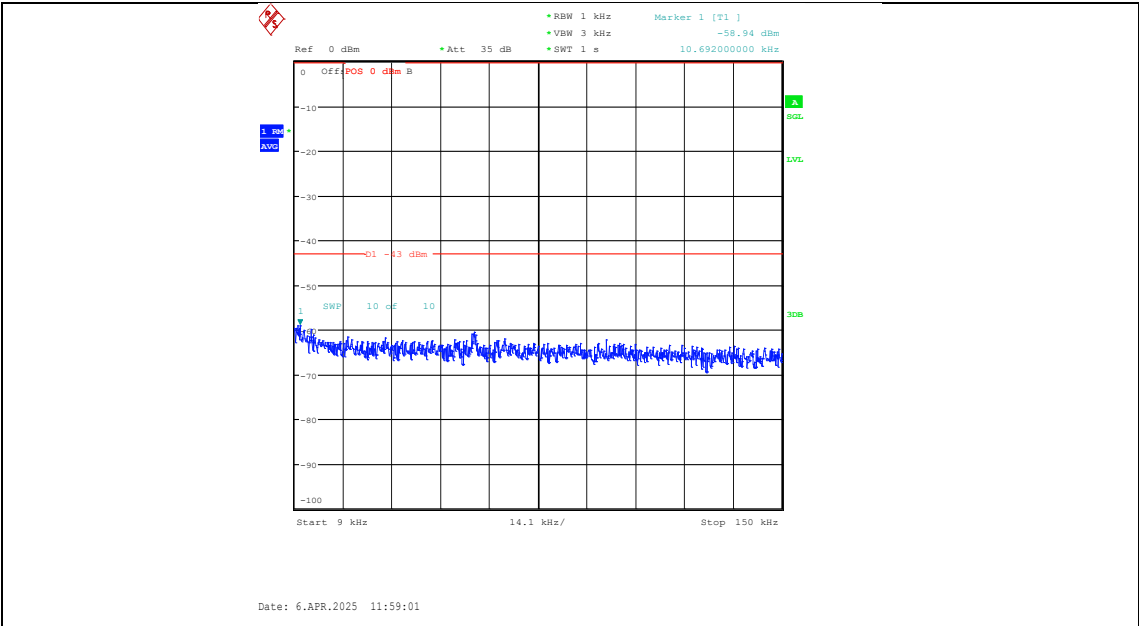
Band4-1413-2-0.15~30MHz-PASS



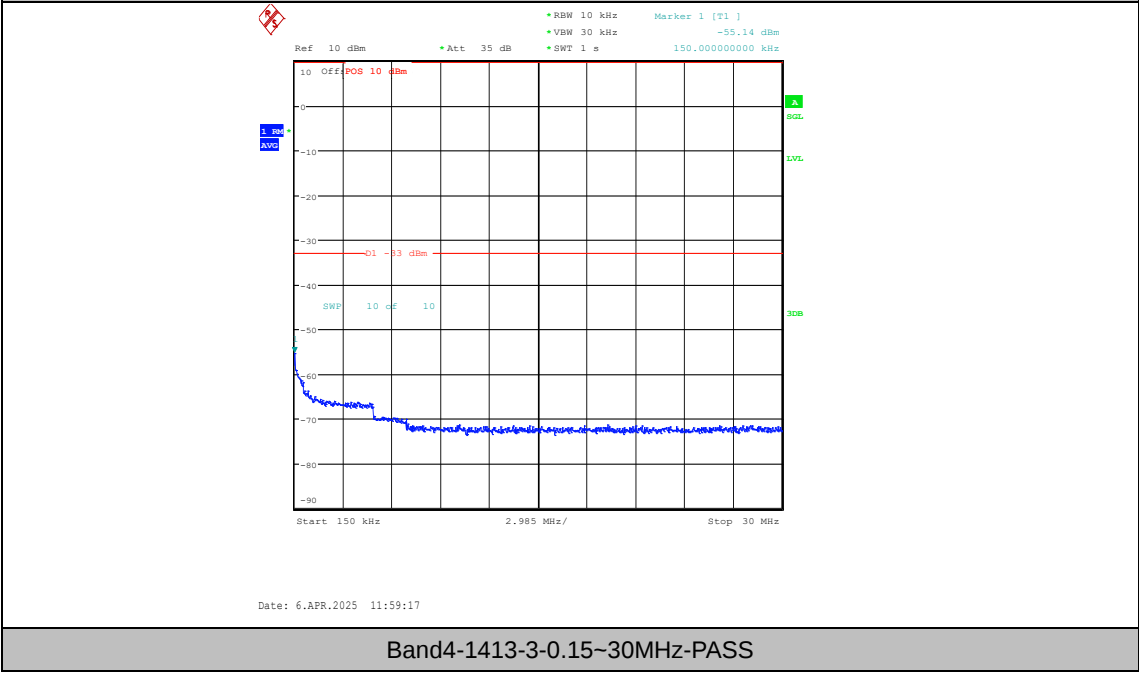
Band4-1413-2-30~1000MHz-PASS



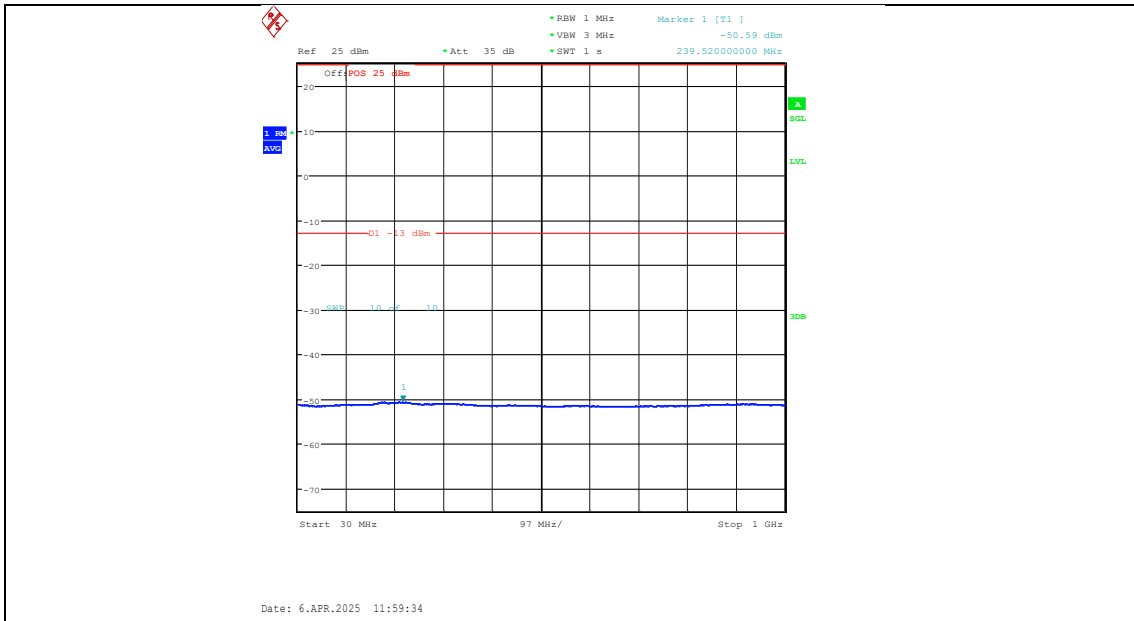
Band4-1413-2-1000~20000MHz-PASS



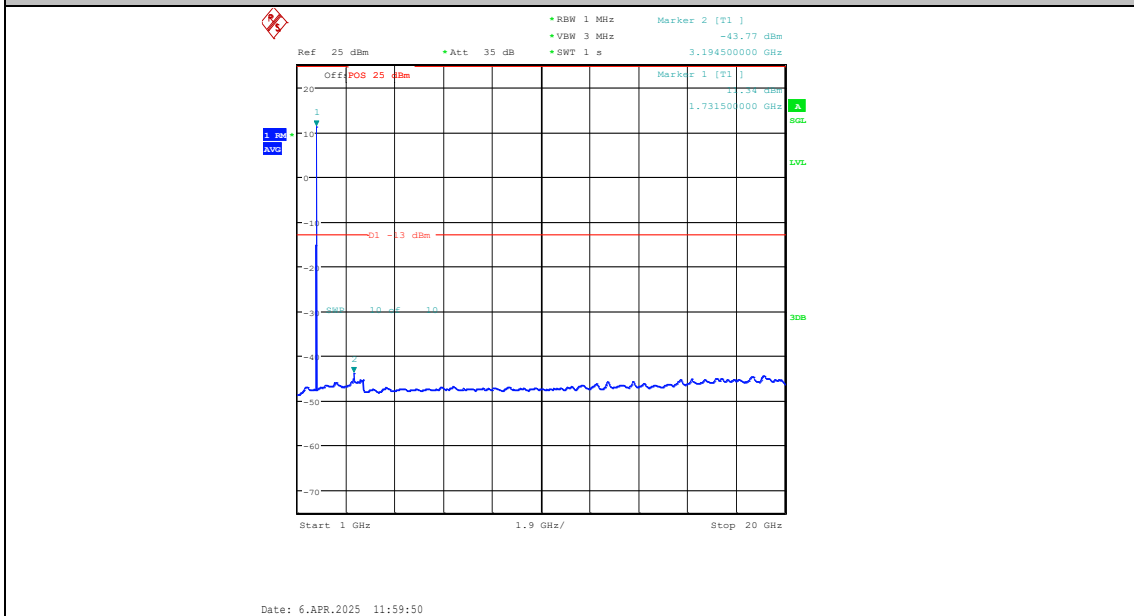
Band4-1413-3-0.009~0.15MHz-PASS



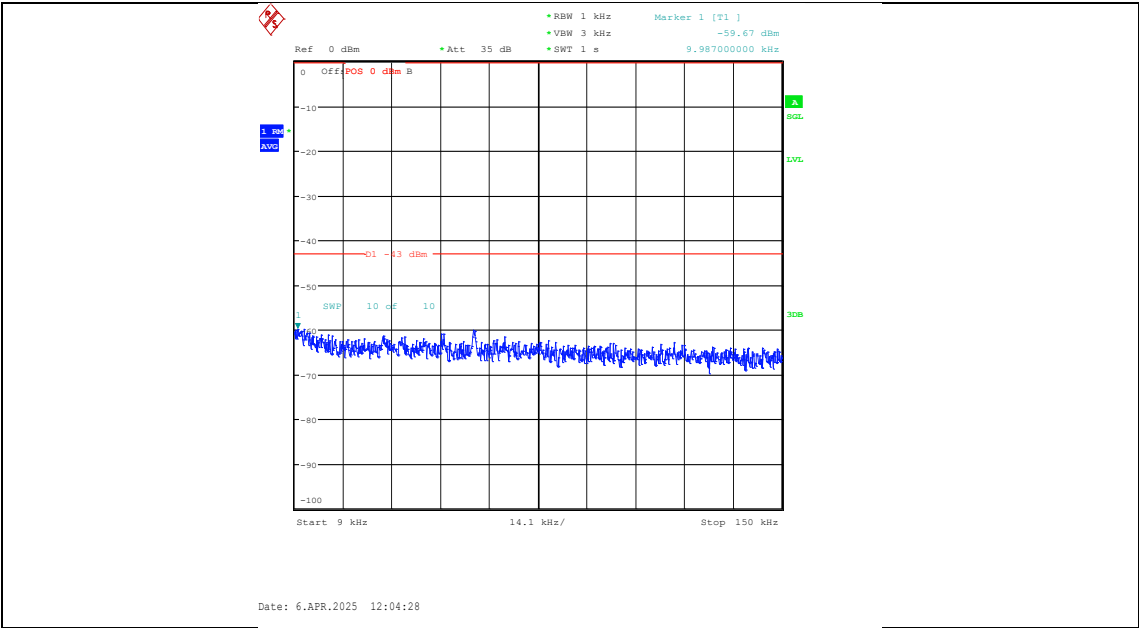
Band4-1413-3-0.15~30MHz-PASS



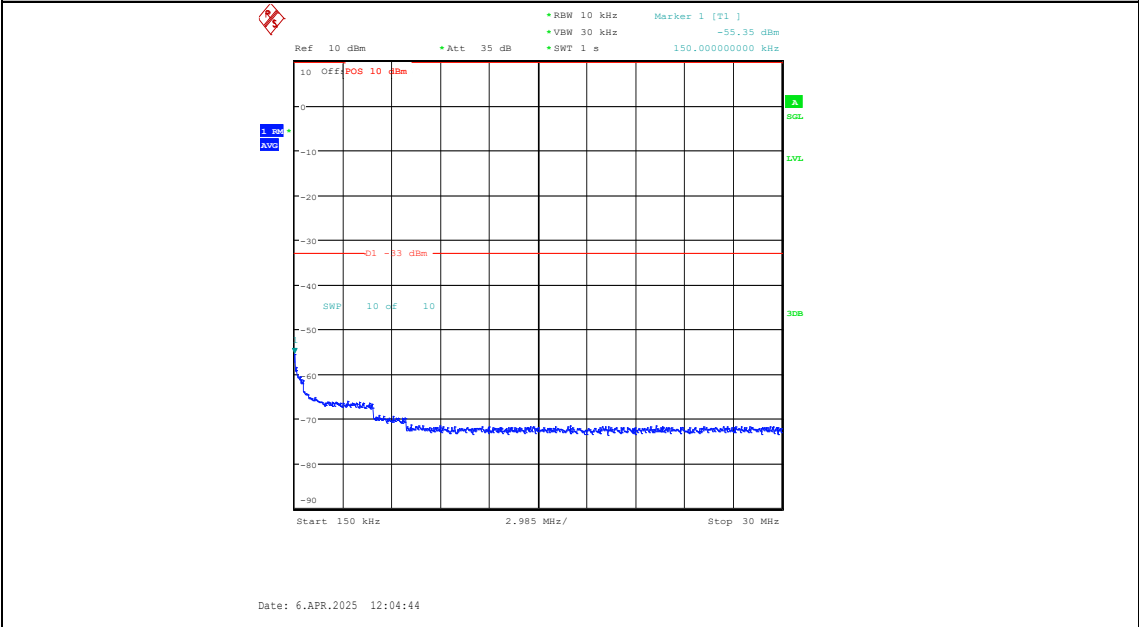
Band4-1413-3-30~1000MHz-PASS



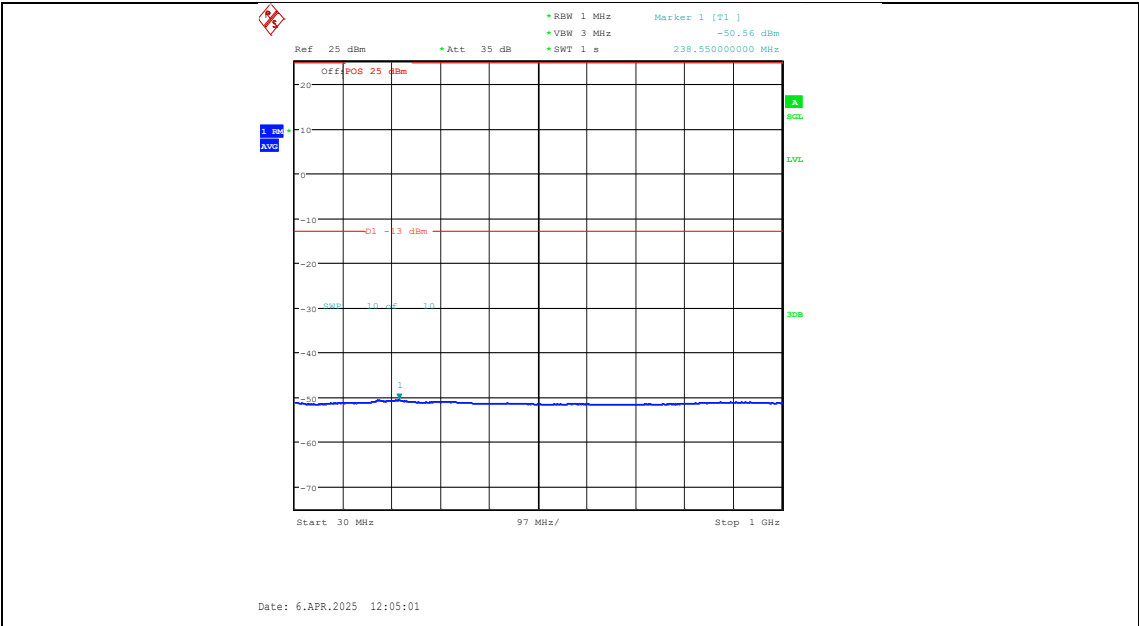
Band4-1413-3-1000~20000MHz-PASS



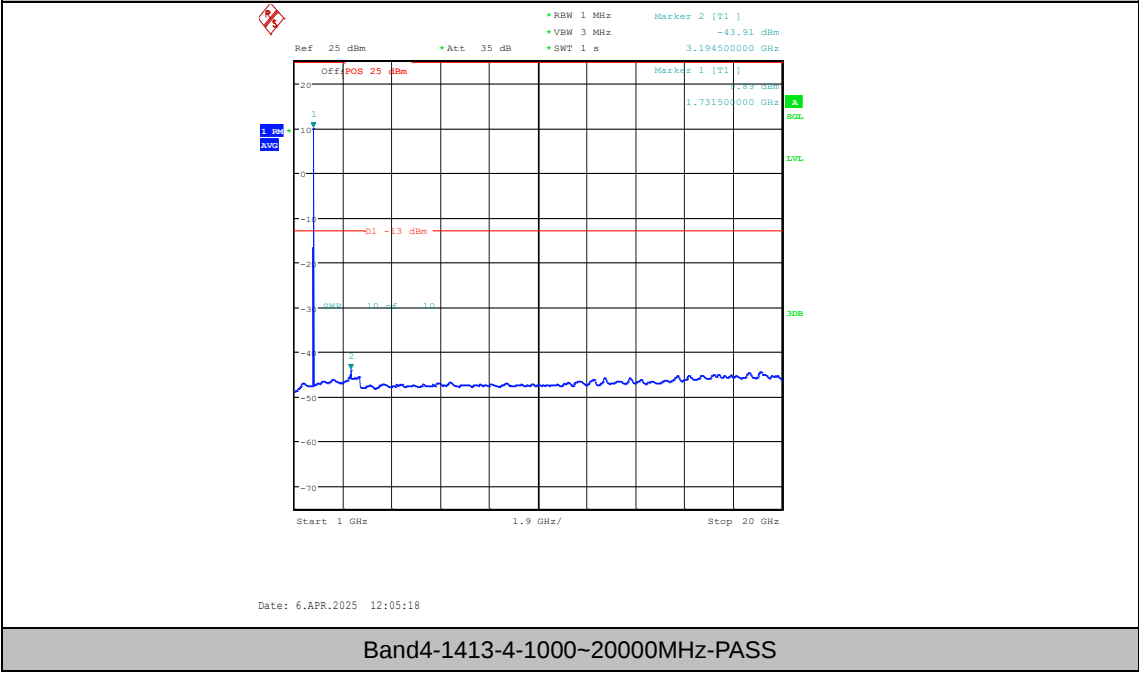
Band4-1413-4-0.009~0.15MHz-PASS



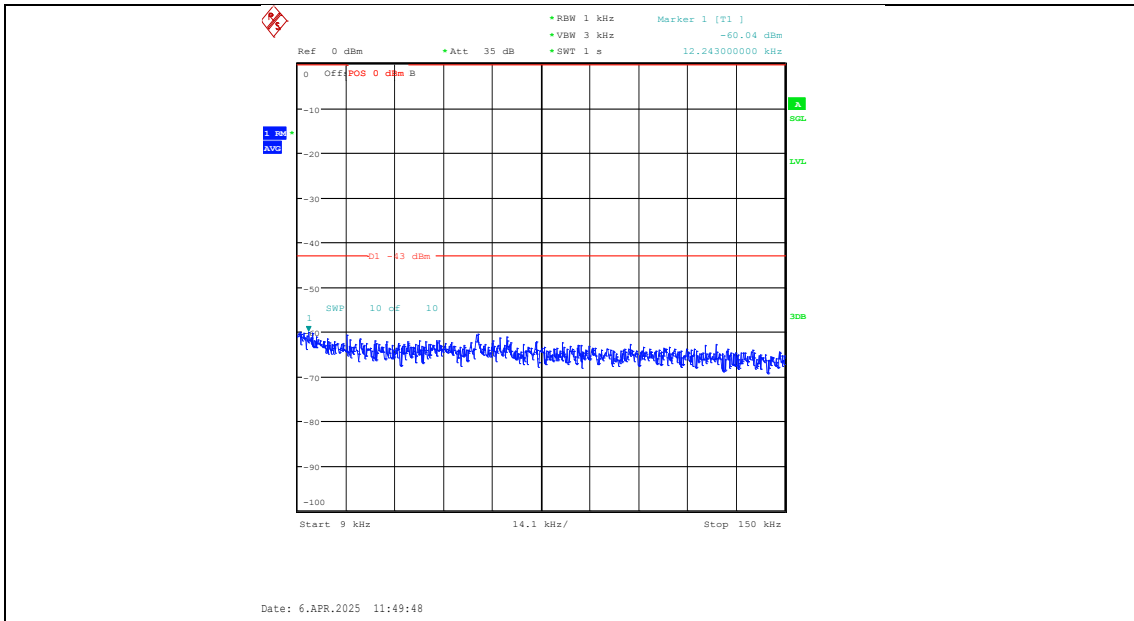
Band4-1413-4-0.15~30MHz-PASS



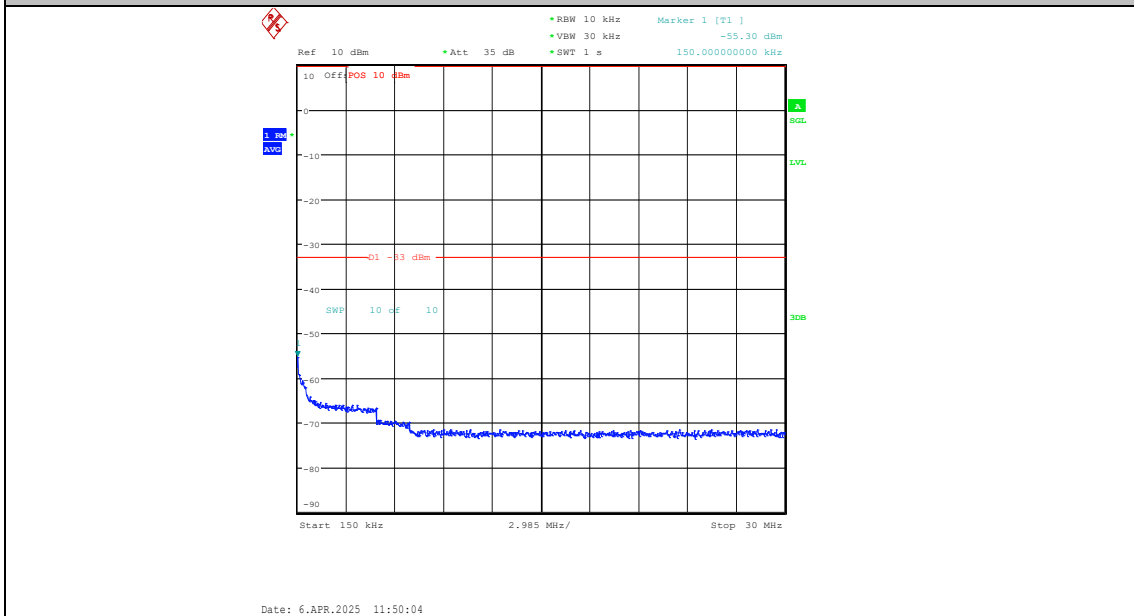
Band4-1413-4-30~1000MHz-PASS



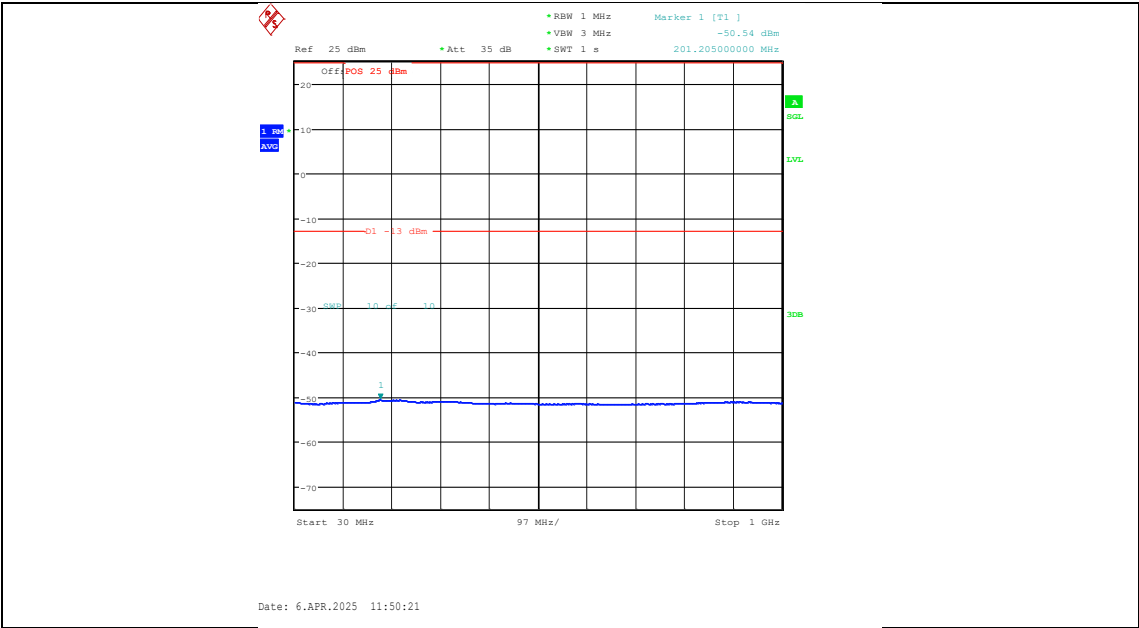
Band4-1413-4-1000~20000MHz-PASS



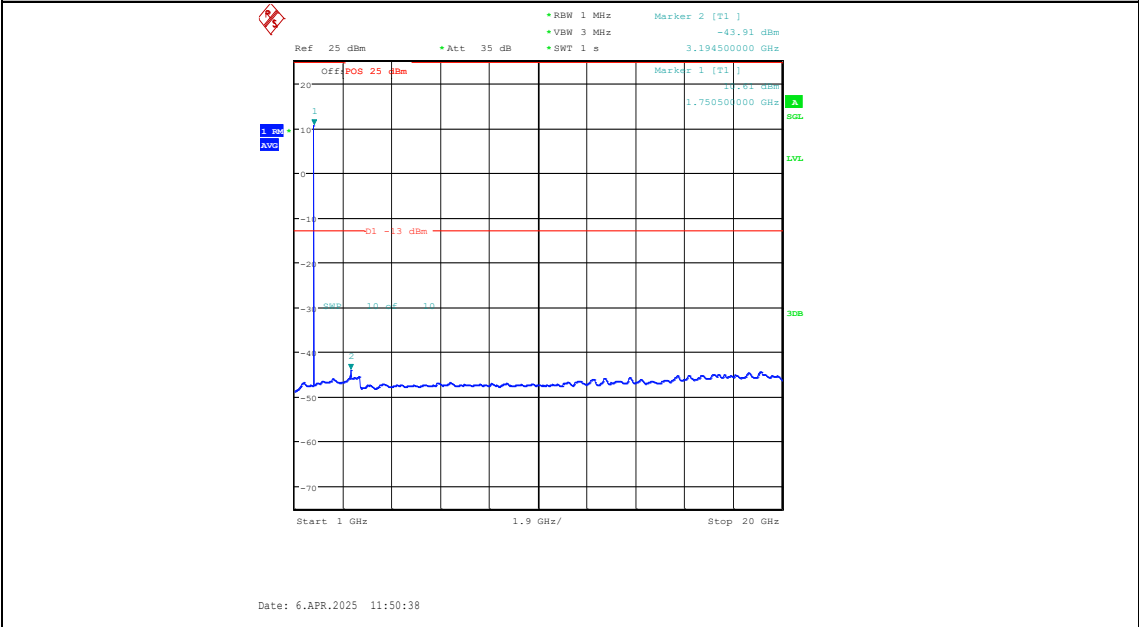
Band4-1513-1-0.009~0.15MHz-PASS



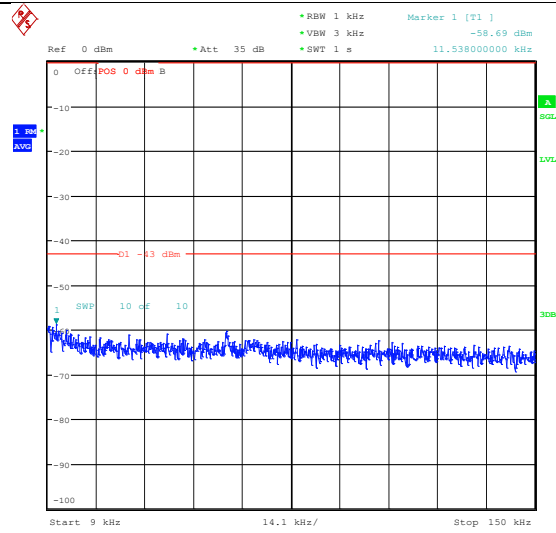
Band4-1513-1-0.15~30MHz-PASS



Band4-1513-1-30~1000MHz-PASS

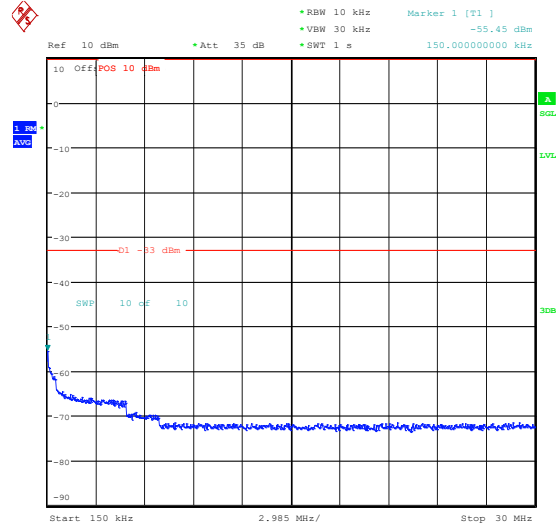


Band4-1513-1-1000~20000MHz-PASS



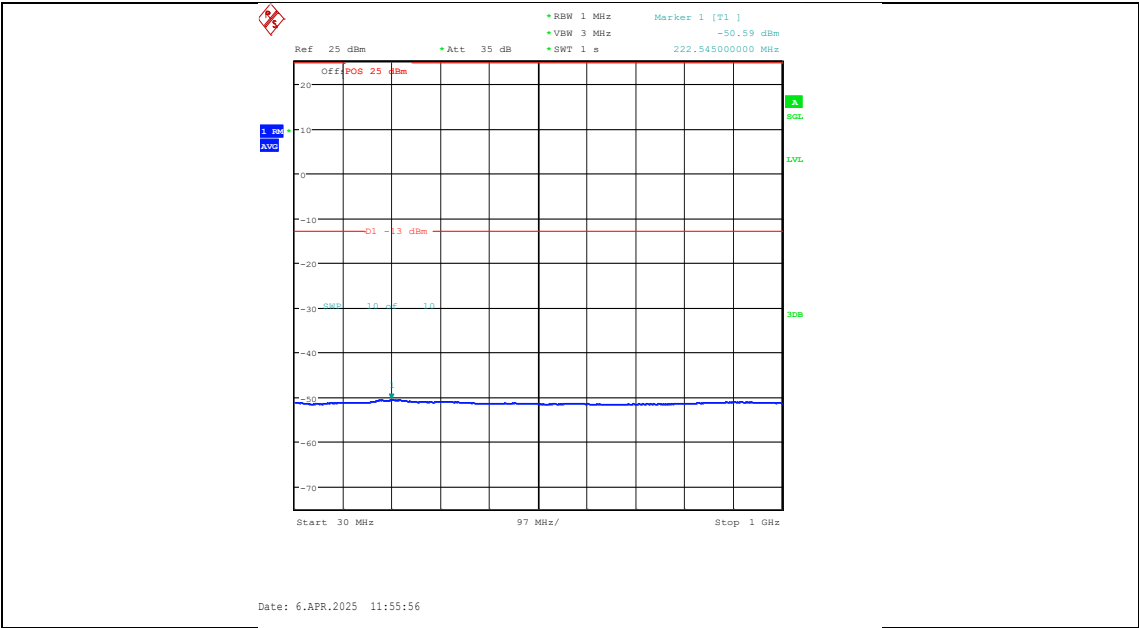
Date: 6.APR.2025 11:55:23

Band4-1513-2-0.009~0.15MHz-PASS

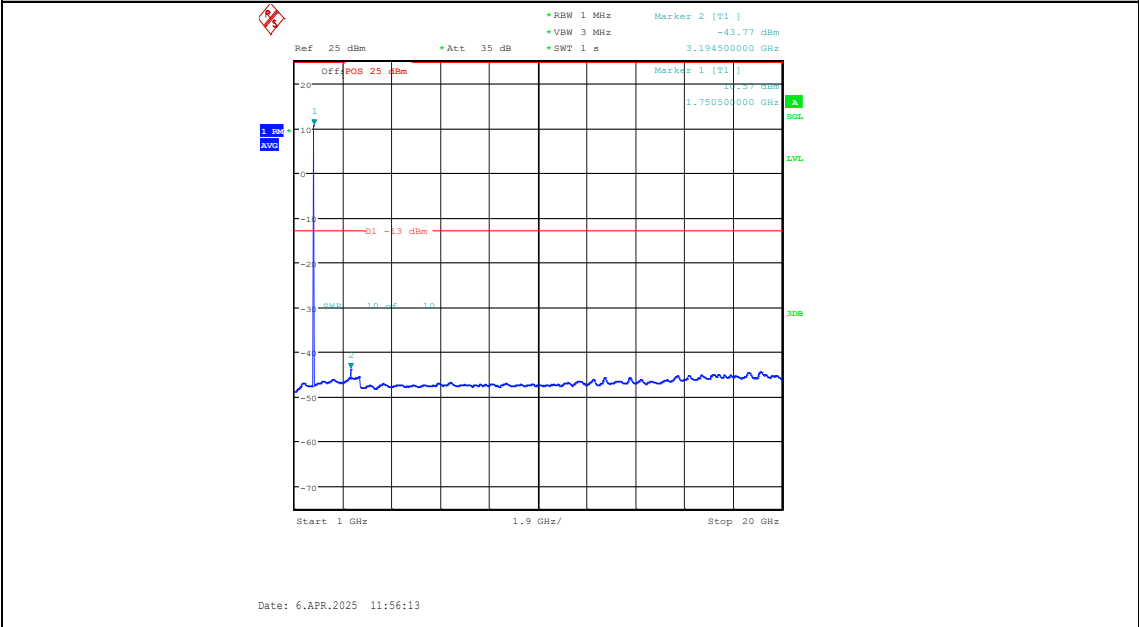


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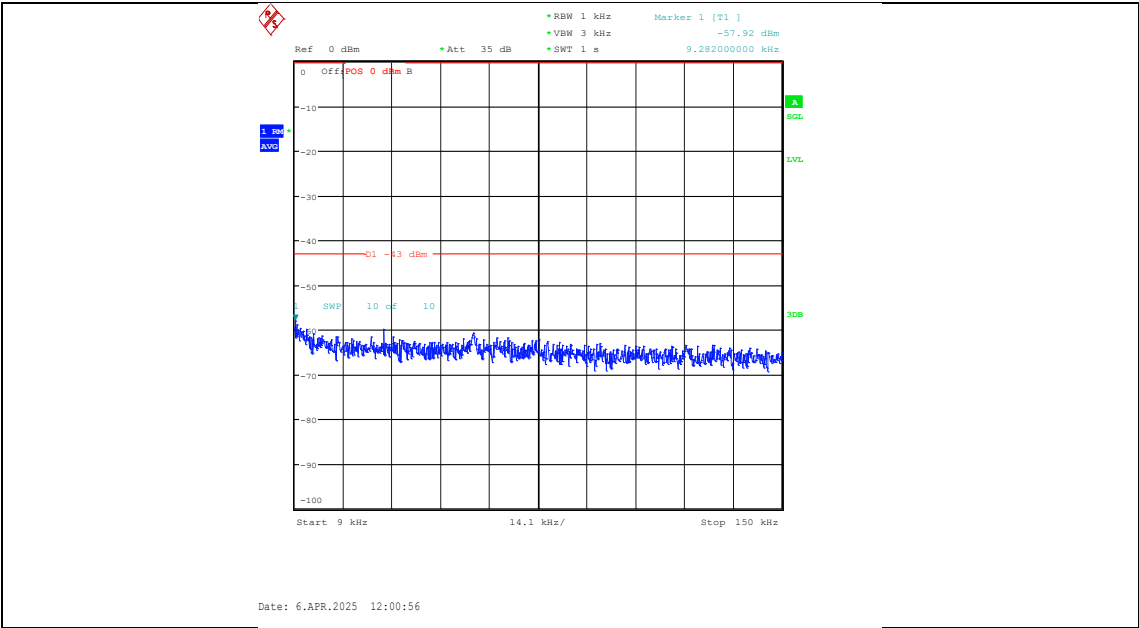
Band4-1513-2-0.15~30MHz-PASS



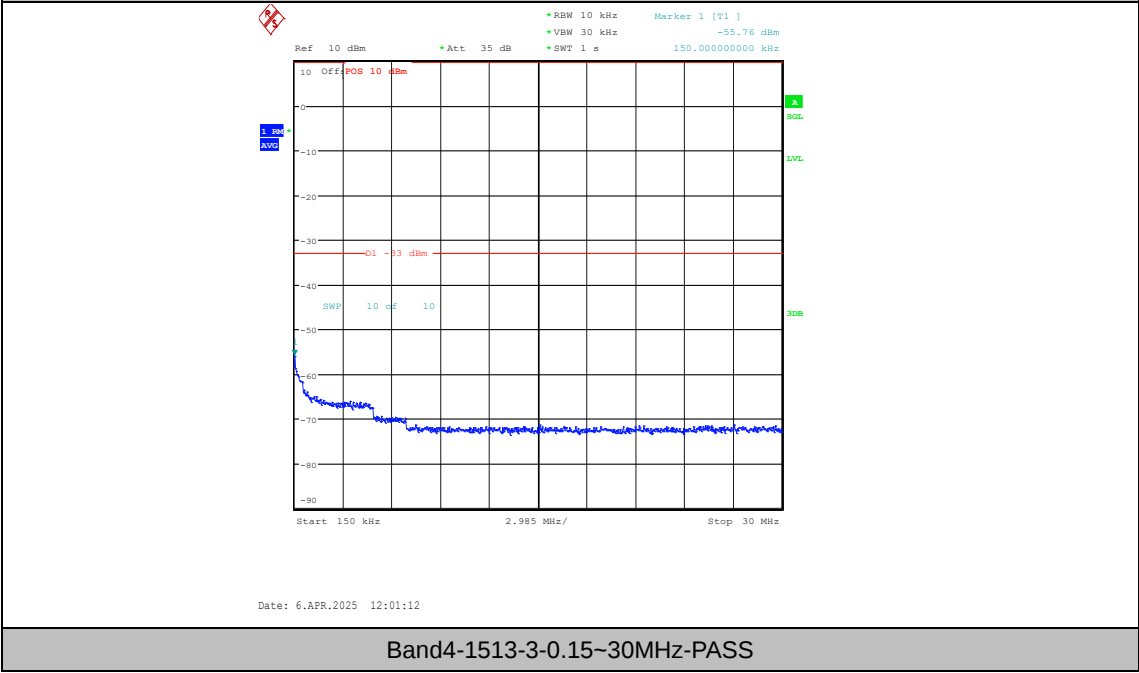
Band4-1513-2-30~1000MHz-PASS



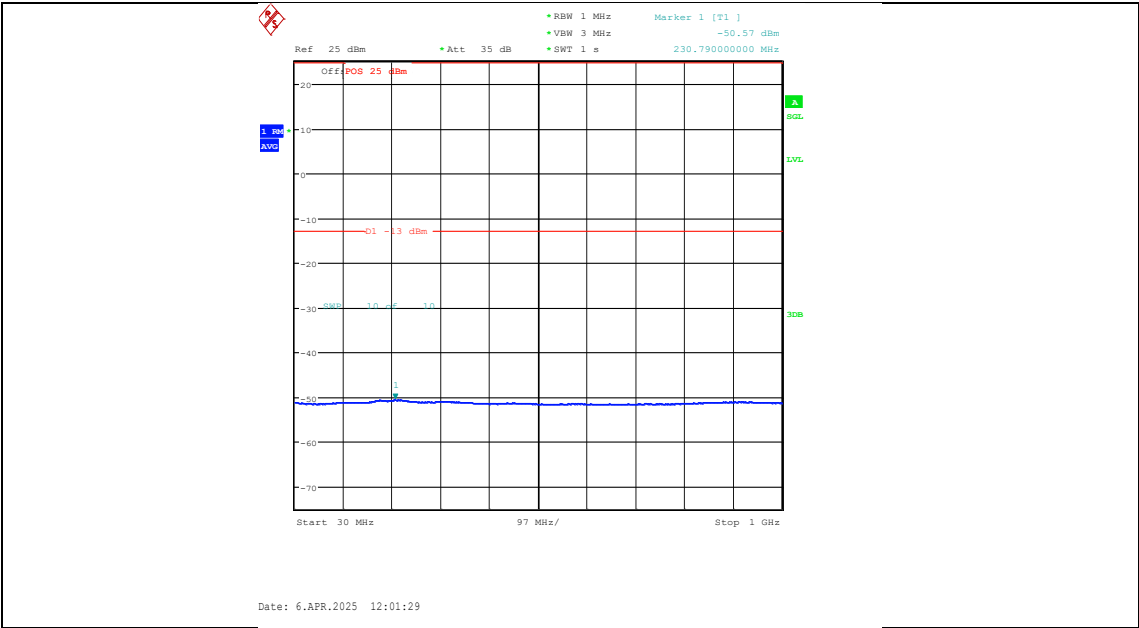
Band4-1513-2-1000~20000MHz-PASS



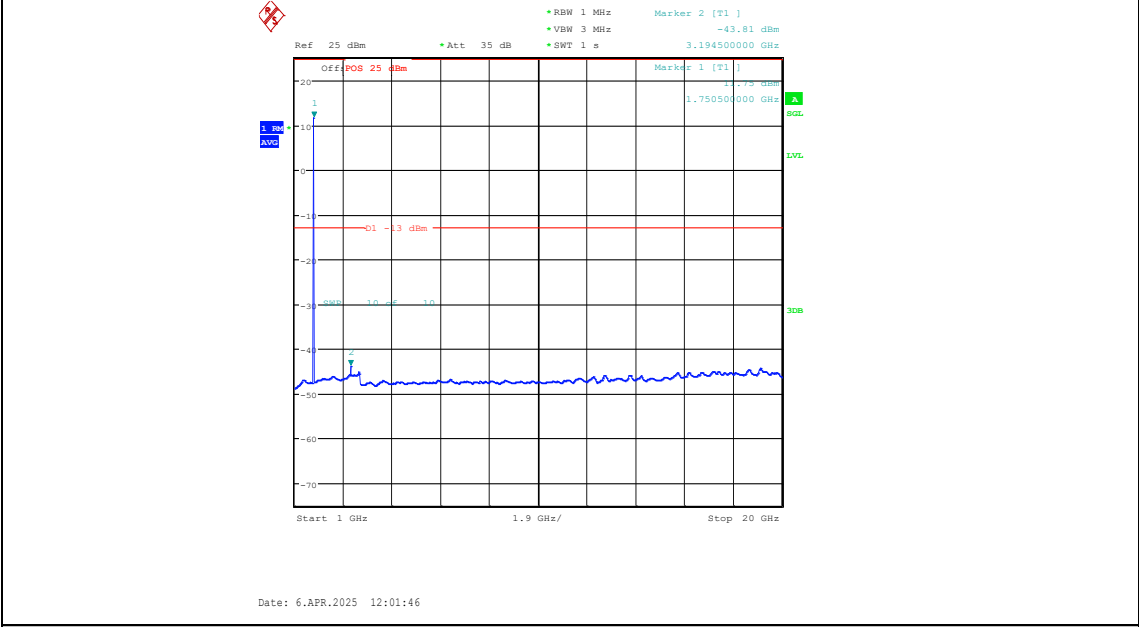
Band4-1513-3-0.009~0.15MHz-PASS



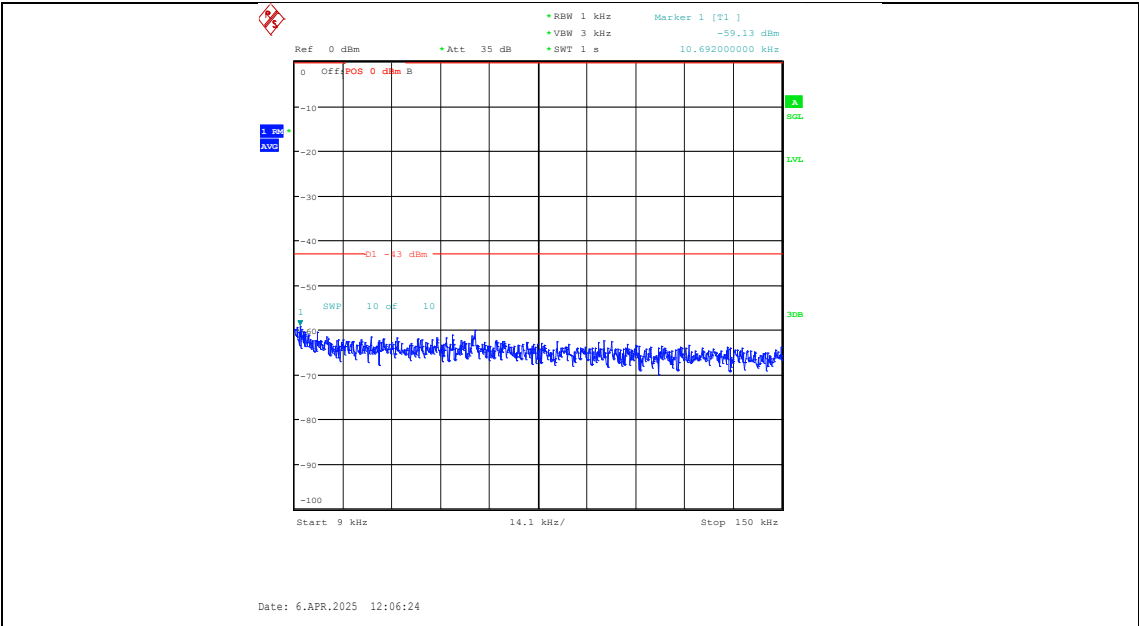
Band4-1513-3-0.15~30MHz-PASS



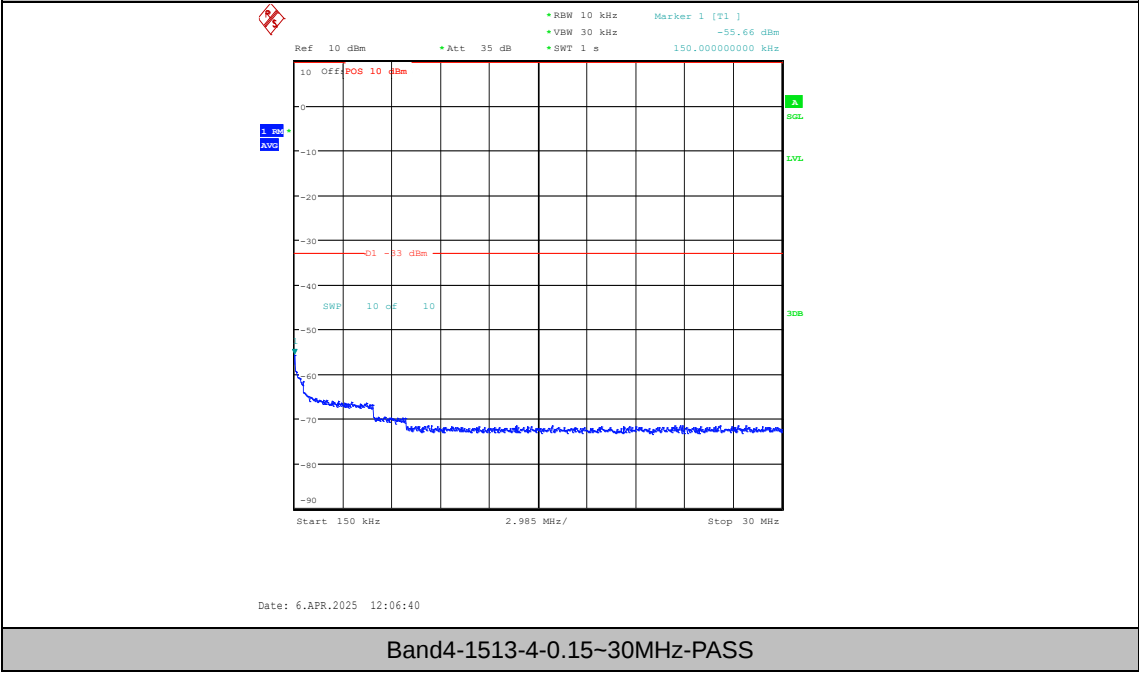
Band4-1513-3-30~1000MHz-PASS



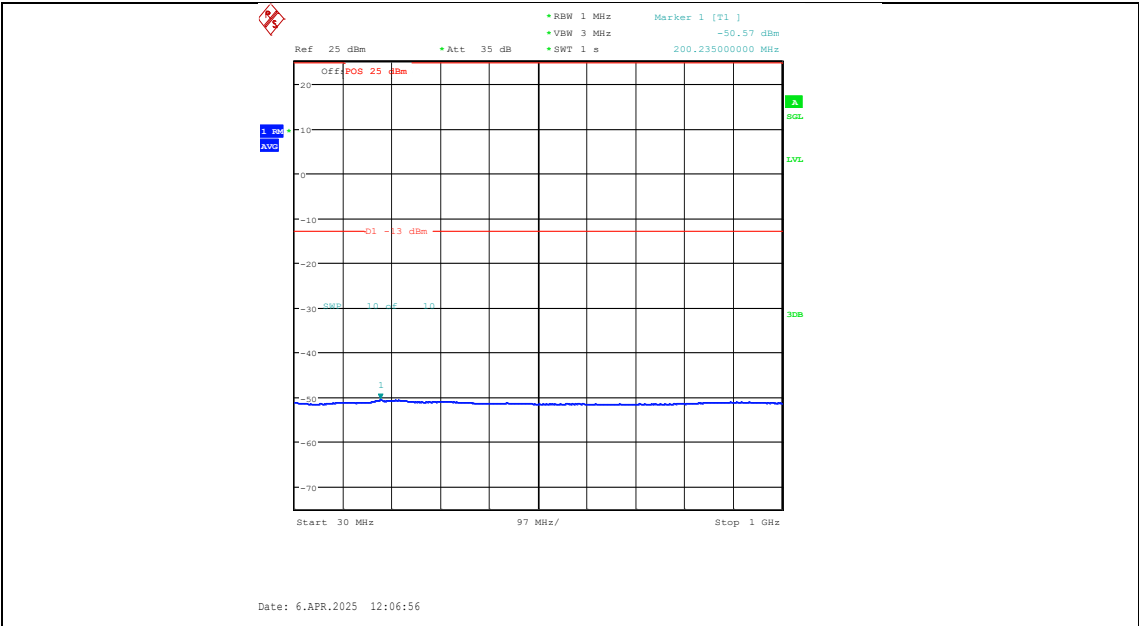
Band4-1513-3-1000~20000MHz-PASS



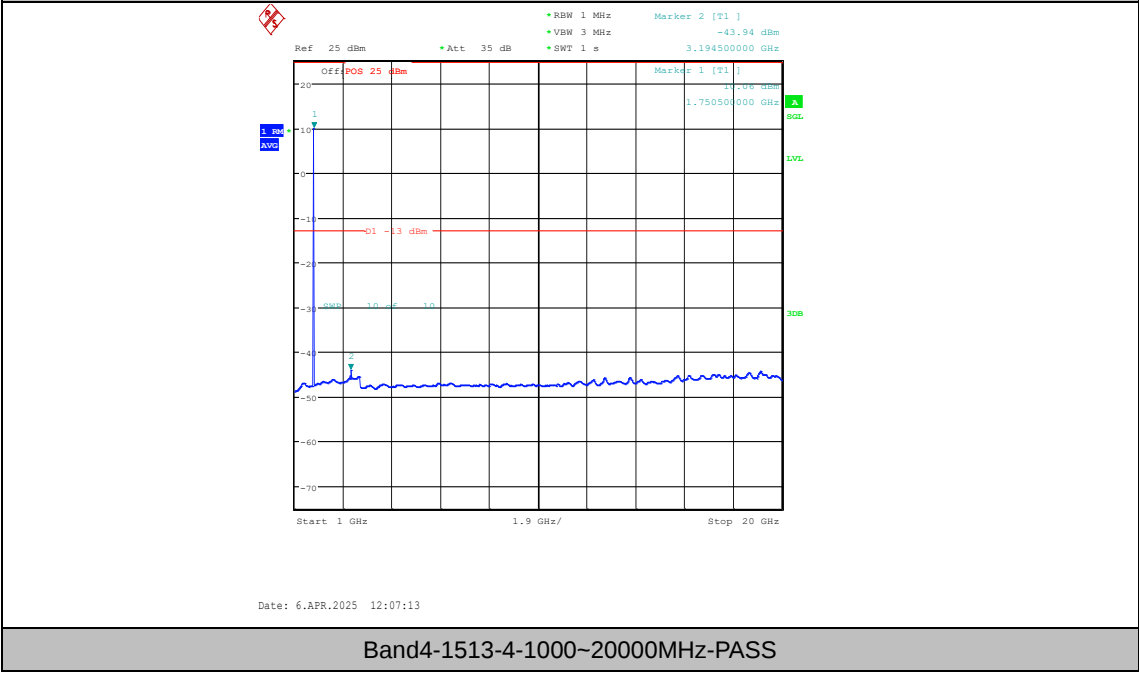
Band4-1513-4-0.009~0.15MHz-PASS



Band4-1513-4-0.15~30MHz-PASS



Band4-1513-4-30~1000MHz-PASS



Band4-1513-4-1000~20000MHz-PASS

Ref 10 dBm • Att 35 dB • SWT 1 s 179.85000000 kHz

• RBW 10 kHz Marker 1 [T1] -55.97 dBm
• VBW 30 kHz

10 Off POS 10 dBm

0

-10

-20

-30

-40

-50

-60

-70

-80

-90

SWP 10 0.1 10

D1 -33 dBm

Start 150 kHz 2.985 MHz/ Stop 30 MHz

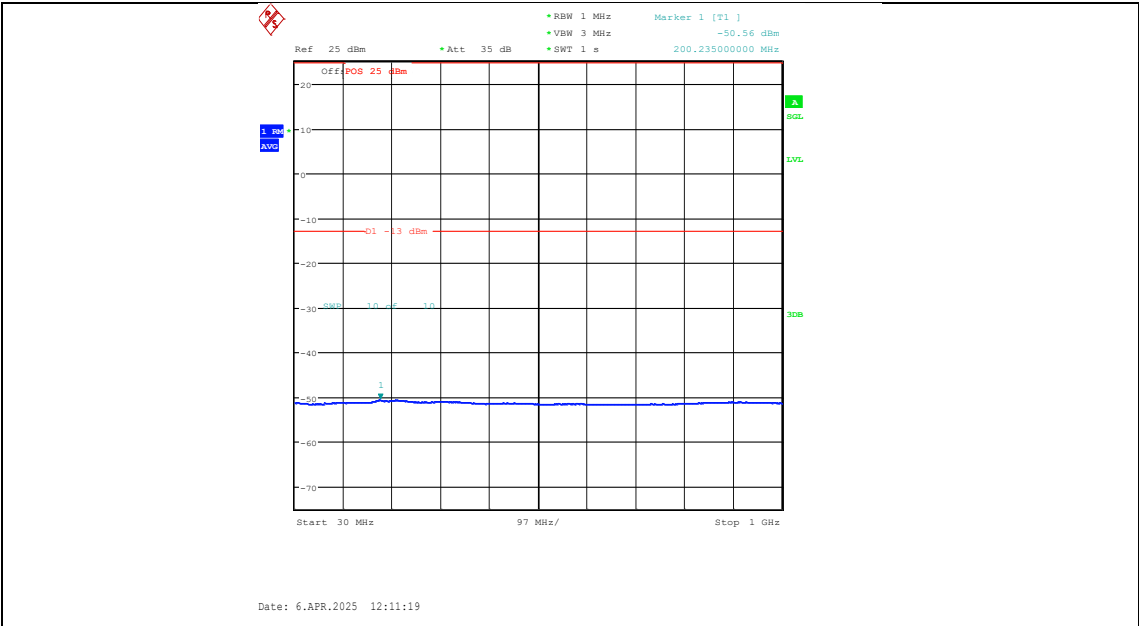
1A SGL

1V1

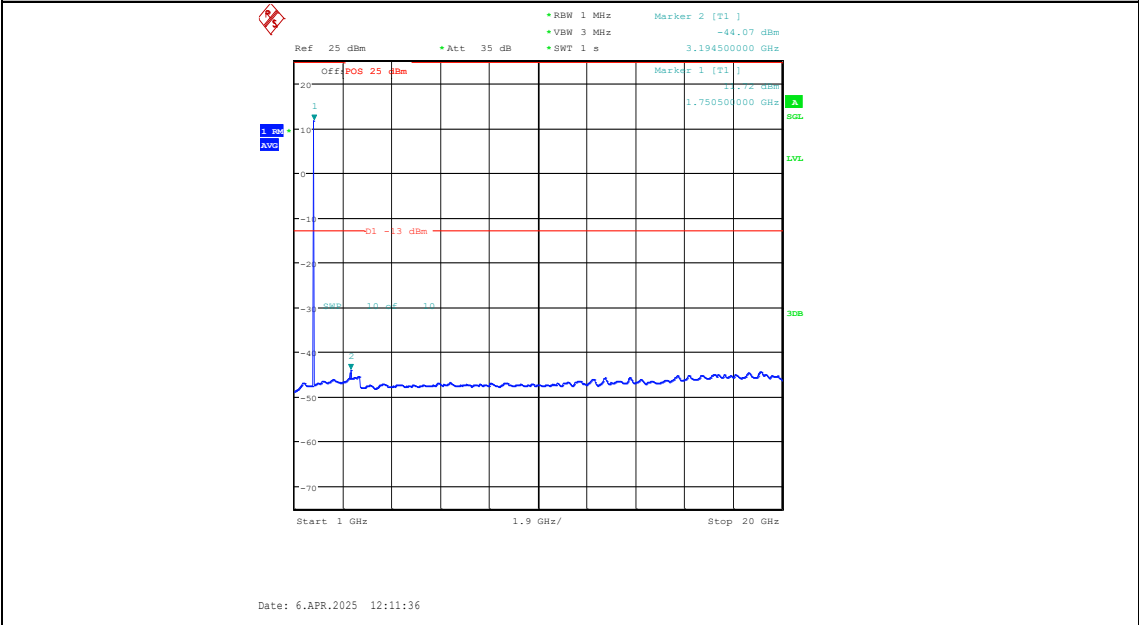
3DB

Date: 6.APR.2025 12:11:03

Band4-1513-5-0.15~30MHz-PASS



Band4-1513-5-30~1000MHz-PASS



Band4-1513-5-1000~20000MHz-PASS

Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-10.08	-0.005886	±2.5	PASS
Band4	1312	VL	NT	-5.01	-0.002926	±2.5	PASS
Band4	1312	VH	NT	-3.67	-0.002143	±2.5	PASS
Band4	1413	VN	NT	-5.97	-0.003446	±2.5	PASS
Band4	1413	VL	NT	-2.90	-0.001674	±2.5	PASS
Band4	1413	VH	NT	-5.66	-0.003267	±2.5	PASS
Band4	1513	VN	NT	-2.25	-0.001284	±2.5	PASS
Band4	1513	VL	NT	-4.41	-0.002516	±2.5	PASS
Band4	1513	VH	NT	-2.74	-0.001563	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-2.86	-0.001670	±2.5	PASS
Band4	1312	NV	-20	-1.59	-0.000929	±2.5	PASS
Band4	1312	NV	-10	-3.68	-0.002149	±2.5	PASS
Band4	1312	NV	0	-1.35	-0.000788	±2.5	PASS
Band4	1312	NV	10	-0.18	-0.000105	±2.5	PASS
Band4	1312	NV	20	-3.00	-0.001752	±2.5	PASS
Band4	1312	NV	30	-1.64	-0.000958	±2.5	PASS
Band4	1312	NV	40	-0.06	-0.000035	±2.5	PASS
Band4	1312	NV	50	-1.85	-0.001080	±2.5	PASS
Band4	1413	NV	-30	-3.67	-0.002118	±2.5	PASS
Band4	1413	NV	-20	-5.81	-0.003353	±2.5	PASS
Band4	1413	NV	-10	-4.38	-0.002528	±2.5	PASS
Band4	1413	NV	0	-3.71	-0.002141	±2.5	PASS
Band4	1413	NV	10	-2.46	-0.001420	±2.5	PASS
Band4	1413	NV	20	-2.32	-0.001339	±2.5	PASS
Band4	1413	NV	30	-5.92	-0.003417	±2.5	PASS
Band4	1413	NV	40	-5.40	-0.003117	±2.5	PASS
Band4	1413	NV	50	-3.52	-0.002032	±2.5	PASS
Band4	1513	NV	-30	-2.31	-0.001318	±2.5	PASS
Band4	1513	NV	-20	-3.35	-0.001911	±2.5	PASS
Band4	1513	NV	-10	-4.21	-0.002402	±2.5	PASS
Band4	1513	NV	0	-4.62	-0.002636	±2.5	PASS

Band4	1513	NV	10	-4.65	-0.002653	±2.5	PASS
Band4	1513	NV	20	-5.45	-0.003110	±2.5	PASS
Band4	1513	NV	30	-1.23	-0.000702	±2.5	PASS
Band4	1513	NV	40	-1.98	-0.001130	±2.5	PASS
Band4	1513	NV	50	-1.98	-0.001130	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-3.46	-0.002021	±2.5	PASS
Band4	1312	1	VL	NT	-2.42	-0.001413	±2.5	PASS
Band4	1312	1	VH	NT	-4.28	-0.002499	±2.5	PASS
Band4	1312	2	VN	NT	-5.59	-0.003264	±2.5	PASS
Band4	1312	2	VL	NT	-2.47	-0.001442	±2.5	PASS
Band4	1312	2	VH	NT	-2.52	-0.001472	±2.5	PASS
Band4	1312	3	VN	NT	0.74	0.000432	±2.5	PASS
Band4	1312	3	VL	NT	-4.25	-0.002482	±2.5	PASS
Band4	1312	3	VH	NT	-3.08	-0.001799	±2.5	PASS
Band4	1312	4	VN	NT	-4.28	-0.002499	±2.5	PASS
Band4	1312	4	VL	NT	-4.08	-0.002383	±2.5	PASS
Band4	1312	4	VH	NT	-1.66	-0.000969	±2.5	PASS
Band4	1413	1	VN	NT	-7.60	-0.004386	±2.5	PASS
Band4	1413	1	VL	NT	-7.35	-0.004242	±2.5	PASS
Band4	1413	1	VH	NT	-5.82	-0.003359	±2.5	PASS
Band4	1413	2	VN	NT	-6.78	-0.003913	±2.5	PASS
Band4	1413	2	VL	NT	-4.19	-0.002418	±2.5	PASS
Band4	1413	2	VH	NT	-6.19	-0.003573	±2.5	PASS
Band4	1413	3	VN	NT	-5.29	-0.003053	±2.5	PASS
Band4	1413	3	VL	NT	-6.34	-0.003659	±2.5	PASS
Band4	1413	3	VH	NT	-3.76	-0.002170	±2.5	PASS
Band4	1413	4	VN	NT	-4.85	-0.002799	±2.5	PASS
Band4	1413	4	VL	NT	-7.54	-0.004352	±2.5	PASS
Band4	1413	4	VH	NT	-4.94	-0.002851	±2.5	PASS
Band4	1513	1	VN	NT	-5.23	-0.002984	±2.5	PASS
Band4	1513	1	VL	NT	-5.25	-0.002996	±2.5	PASS
Band4	1513	1	VH	NT	-3.35	-0.001911	±2.5	PASS
Band4	1513	2	VN	NT	-8.70	-0.004964	±2.5	PASS
Band4	1513	2	VL	NT	-5.82	-0.003321	±2.5	PASS
Band4	1513	2	VH	NT	-6.09	-0.003475	±2.5	PASS
Band4	1513	3	VN	NT	-7.92	-0.004519	±2.5	PASS
Band4	1513	3	VL	NT	-4.15	-0.002368	±2.5	PASS
Band4	1513	3	VH	NT	-5.99	-0.003418	±2.5	PASS

Band4	1513	4	VN	NT	-6.58	-0.003754	±2.5	PASS
Band4	1513	4	VL	NT	-8.15	-0.004650	±2.5	PASS
Band4	1513	4	VH	NT	-4.22	-0.002408	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-2.57	-0.001501	±2.5	PASS
Band4	1312	1	NV	-20	-1.28	-0.000747	±2.5	PASS
Band4	1312	1	NV	-10	1.27	0.000742	±2.5	PASS
Band4	1312	1	NV	0	-2.12	-0.001238	±2.5	PASS
Band4	1312	1	NV	10	-3.13	-0.001828	±2.5	PASS
Band4	1312	1	NV	20	-4.43	-0.002587	±2.5	PASS
Band4	1312	1	NV	30	0.34	0.000199	±2.5	PASS
Band4	1312	1	NV	40	-0.45	-0.000263	±2.5	PASS
Band4	1312	1	NV	50	0.01	0.000006	±2.5	PASS
Band4	1312	2	NV	-30	-0.40	-0.000234	±2.5	PASS
Band4	1312	2	NV	-20	1.34	0.000783	±2.5	PASS
Band4	1312	2	NV	-10	-1.01	-0.000590	±2.5	PASS
Band4	1312	2	NV	0	-0.13	-0.000076	±2.5	PASS
Band4	1312	2	NV	10	-2.29	-0.001337	±2.5	PASS
Band4	1312	2	NV	20	-5.11	-0.002984	±2.5	PASS
Band4	1312	2	NV	30	-4.23	-0.002470	±2.5	PASS
Band4	1312	2	NV	40	-4.39	-0.002564	±2.5	PASS
Band4	1312	2	NV	50	-0.67	-0.000391	±2.5	PASS
Band4	1312	3	NV	-30	1.42	0.000829	±2.5	PASS
Band4	1312	3	NV	-20	0.69	0.000403	±2.5	PASS
Band4	1312	3	NV	-10	0.21	0.000123	±2.5	PASS
Band4	1312	3	NV	0	1.49	0.000870	±2.5	PASS
Band4	1312	3	NV	10	-0.84	-0.000491	±2.5	PASS
Band4	1312	3	NV	20	-4.69	-0.002739	±2.5	PASS
Band4	1312	3	NV	30	1.22	0.000712	±2.5	PASS
Band4	1312	3	NV	40	-0.22	-0.000128	±2.5	PASS
Band4	1312	3	NV	50	2.57	0.001501	±2.5	PASS
Band4	1312	4	NV	-30	-0.56	-0.000327	±2.5	PASS
Band4	1312	4	NV	-20	-1.49	-0.000870	±2.5	PASS
Band4	1312	4	NV	-10	-1.22	-0.000712	±2.5	PASS
Band4	1312	4	NV	0	-0.04	-0.000023	±2.5	PASS
Band4	1312	4	NV	10	-2.40	-0.001402	±2.5	PASS
Band4	1312	4	NV	20	-1.39	-0.000812	±2.5	PASS
Band4	1312	4	NV	30	0.10	0.000058	±2.5	PASS

Band4	1312	4	NV	40	1.27	0.000742	±2.5	PASS
Band4	1312	4	NV	50	-2.73	-0.001594	±2.5	PASS
Band4	1413	1	NV	-30	-3.17	-0.001830	±2.5	PASS
Band4	1413	1	NV	-20	-6.54	-0.003775	±2.5	PASS
Band4	1413	1	NV	-10	-4.36	-0.002516	±2.5	PASS
Band4	1413	1	NV	0	-3.69	-0.002130	±2.5	PASS
Band4	1413	1	NV	10	-3.70	-0.002136	±2.5	PASS
Band4	1413	1	NV	20	-2.59	-0.001495	±2.5	PASS
Band4	1413	1	NV	30	-2.79	-0.001610	±2.5	PASS
Band4	1413	1	NV	40	-3.06	-0.001766	±2.5	PASS
Band4	1413	1	NV	50	-1.74	-0.001004	±2.5	PASS
Band4	1413	2	NV	-30	-2.05	-0.001183	±2.5	PASS
Band4	1413	2	NV	-20	-4.39	-0.002534	±2.5	PASS
Band4	1413	2	NV	-10	-2.75	-0.001587	±2.5	PASS
Band4	1413	2	NV	0	-1.05	-0.000606	±2.5	PASS
Band4	1413	2	NV	10	-2.76	-0.001593	±2.5	PASS
Band4	1413	2	NV	20	-3.93	-0.002268	±2.5	PASS
Band4	1413	2	NV	30	-2.45	-0.001414	±2.5	PASS
Band4	1413	2	NV	40	-2.21	-0.001276	±2.5	PASS
Band4	1413	2	NV	50	-4.31	-0.002488	±2.5	PASS
Band4	1413	3	NV	-30	-2.56	-0.001478	±2.5	PASS
Band4	1413	3	NV	-20	-4.18	-0.002413	±2.5	PASS
Band4	1413	3	NV	-10	-6.90	-0.003982	±2.5	PASS
Band4	1413	3	NV	0	-4.46	-0.002574	±2.5	PASS
Band4	1413	3	NV	10	-1.39	-0.000802	±2.5	PASS
Band4	1413	3	NV	20	-0.36	-0.000208	±2.5	PASS
Band4	1413	3	NV	30	-2.82	-0.001628	±2.5	PASS
Band4	1413	3	NV	40	-2.14	-0.001235	±2.5	PASS
Band4	1413	3	NV	50	-3.22	-0.001858	±2.5	PASS
Band4	1413	4	NV	-30	-1.96	-0.001131	±2.5	PASS
Band4	1413	4	NV	-20	-0.19	-0.000110	±2.5	PASS
Band4	1413	4	NV	-10	-5.94	-0.003428	±2.5	PASS
Band4	1413	4	NV	0	-4.39	-0.002534	±2.5	PASS
Band4	1413	4	NV	10	-5.17	-0.002984	±2.5	PASS
Band4	1413	4	NV	20	-4.99	-0.002880	±2.5	PASS
Band4	1413	4	NV	30	-3.17	-0.001830	±2.5	PASS
Band4	1413	4	NV	40	-3.83	-0.002211	±2.5	PASS
Band4	1413	4	NV	50	-1.80	-0.001039	±2.5	PASS
Band4	1513	1	NV	-30	-6.72	-0.003834	±2.5	PASS
Band4	1513	1	NV	-20	-7.16	-0.004085	±2.5	PASS
Band4	1513	1	NV	-10	-2.17	-0.001238	±2.5	PASS

Band4	1513	1	NV	0	-3.80	-0.002168	±2.5	PASS
Band4	1513	1	NV	10	-5.44	-0.003104	±2.5	PASS
Band4	1513	1	NV	20	-3.27	-0.001866	±2.5	PASS
Band4	1513	1	NV	30	-2.46	-0.001404	±2.5	PASS
Band4	1513	1	NV	40	0.50	0.000285	±2.5	PASS
Band4	1513	1	NV	50	-3.83	-0.002185	±2.5	PASS
Band4	1513	2	NV	-30	-1.70	-0.000970	±2.5	PASS
Band4	1513	2	NV	-20	-3.33	-0.001900	±2.5	PASS
Band4	1513	2	NV	-10	-1.77	-0.001010	±2.5	PASS
Band4	1513	2	NV	0	-1.15	-0.000656	±2.5	PASS
Band4	1513	2	NV	10	-3.96	-0.002260	±2.5	PASS
Band4	1513	2	NV	20	-4.34	-0.002476	±2.5	PASS
Band4	1513	2	NV	30	-5.56	-0.003172	±2.5	PASS
Band4	1513	2	NV	40	-7.19	-0.004102	±2.5	PASS
Band4	1513	2	NV	50	-5.62	-0.003207	±2.5	PASS
Band4	1513	3	NV	-30	-4.08	-0.002328	±2.5	PASS
Band4	1513	3	NV	-20	-2.17	-0.001238	±2.5	PASS
Band4	1513	3	NV	-10	-5.59	-0.003190	±2.5	PASS
Band4	1513	3	NV	0	-5.21	-0.002973	±2.5	PASS
Band4	1513	3	NV	10	-3.60	-0.002054	±2.5	PASS
Band4	1513	3	NV	20	-3.34	-0.001906	±2.5	PASS
Band4	1513	3	NV	30	-5.40	-0.003081	±2.5	PASS
Band4	1513	3	NV	40	-1.61	-0.000919	±2.5	PASS
Band4	1513	3	NV	50	-1.83	-0.001044	±2.5	PASS
Band4	1513	4	NV	-30	-4.45	-0.002539	±2.5	PASS
Band4	1513	4	NV	-20	-6.52	-0.003720	±2.5	PASS
Band4	1513	4	NV	-10	-6.04	-0.003446	±2.5	PASS
Band4	1513	4	NV	0	-5.22	-0.002978	±2.5	PASS
Band4	1513	4	NV	10	-3.86	-0.002202	±2.5	PASS
Band4	1513	4	NV	20	-4.59	-0.002619	±2.5	PASS
Band4	1513	4	NV	30	-2.44	-0.001392	±2.5	PASS
Band4	1513	4	NV	40	-2.17	-0.001238	±2.5	PASS
Band4	1513	4	NV	50	-3.20	-0.001826	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-9.12	-0.005326	±2.5	PASS
Band4	1312	1	VL	NT	-7.26	-0.004240	±2.5	PASS
Band4	1312	1	VH	NT	-7.30	-0.004263	±2.5	PASS
Band4	1312	2	VN	NT	-7.01	-0.004094	±2.5	PASS

Band4	1312	2	VL	NT	-6.58	-0.003843	±2.5	PASS
Band4	1312	2	VH	NT	-5.74	-0.003352	±2.5	PASS
Band4	1312	3	VN	NT	-8.05	-0.004701	±2.5	PASS
Band4	1312	3	VL	NT	-4.49	-0.002622	±2.5	PASS
Band4	1312	3	VH	NT	-3.76	-0.002196	±2.5	PASS
Band4	1312	4	VN	NT	-4.77	-0.002786	±2.5	PASS
Band4	1312	4	VL	NT	-3.58	-0.002091	±2.5	PASS
Band4	1312	4	VH	NT	-3.83	-0.002237	±2.5	PASS
Band4	1312	5	VN	NT	-8.61	-0.005028	±2.5	PASS
Band4	1312	5	VL	NT	-7.15	-0.004175	±2.5	PASS
Band4	1312	5	VH	NT	-4.70	-0.002745	±2.5	PASS
Band4	1413	1	VN	NT	-11.82	-0.006822	±2.5	PASS
Band4	1413	1	VL	NT	-10.27	-0.005928	±2.5	PASS
Band4	1413	1	VH	NT	-8.08	-0.004664	±2.5	PASS
Band4	1413	2	VN	NT	-11.36	-0.006557	±2.5	PASS
Band4	1413	2	VL	NT	-10.09	-0.005824	±2.5	PASS
Band4	1413	2	VH	NT	-6.27	-0.003619	±2.5	PASS
Band4	1413	3	VN	NT	-13.48	-0.007780	±2.5	PASS
Band4	1413	3	VL	NT	-7.24	-0.004179	±2.5	PASS
Band4	1413	3	VH	NT	-10.71	-0.006181	±2.5	PASS
Band4	1413	4	VN	NT	-10.20	-0.005887	±2.5	PASS
Band4	1413	4	VL	NT	-6.57	-0.003792	±2.5	PASS
Band4	1413	4	VH	NT	-5.48	-0.003163	±2.5	PASS
Band4	1413	5	VN	NT	-12.08	-0.006972	±2.5	PASS
Band4	1413	5	VL	NT	-8.73	-0.005039	±2.5	PASS
Band4	1413	5	VH	NT	-5.87	-0.003388	±2.5	PASS
Band4	1513	1	VN	NT	-8.15	-0.004650	±2.5	PASS
Band4	1513	1	VL	NT	-4.59	-0.002619	±2.5	PASS
Band4	1513	1	VH	NT	-7.20	-0.004108	±2.5	PASS
Band4	1513	2	VN	NT	-11.07	-0.006316	±2.5	PASS
Band4	1513	2	VL	NT	-7.43	-0.004239	±2.5	PASS
Band4	1513	2	VH	NT	-5.81	-0.003315	±2.5	PASS
Band4	1513	3	VN	NT	-9.01	-0.005141	±2.5	PASS
Band4	1513	3	VL	NT	-9.60	-0.005478	±2.5	PASS
Band4	1513	3	VH	NT	-6.97	-0.003977	±2.5	PASS
Band4	1513	4	VN	NT	-9.38	-0.005352	±2.5	PASS
Band4	1513	4	VL	NT	-8.85	-0.005050	±2.5	PASS
Band4	1513	4	VH	NT	-7.25	-0.004137	±2.5	PASS
Band4	1513	5	VN	NT	-10.72	-0.006117	±2.5	PASS
Band4	1513	5	VL	NT	-10.10	-0.005763	±2.5	PASS
Band4	1513	5	VH	NT	-5.75	-0.003281	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-3.60	-0.002102	±2.5	PASS
Band4	1312	1	NV	-20	-4.22	-0.002464	±2.5	PASS
Band4	1312	1	NV	-10	-1.13	-0.000660	±2.5	PASS
Band4	1312	1	NV	0	0.03	0.000018	±2.5	PASS
Band4	1312	1	NV	10	-4.50	-0.002628	±2.5	PASS
Band4	1312	1	NV	20	-1.46	-0.000853	±2.5	PASS
Band4	1312	1	NV	30	-1.39	-0.000812	±2.5	PASS
Band4	1312	1	NV	40	-1.12	-0.000654	±2.5	PASS
Band4	1312	1	NV	50	0.85	0.000496	±2.5	PASS
Band4	1312	2	NV	-30	-3.16	-0.001845	±2.5	PASS
Band4	1312	2	NV	-20	-0.92	-0.000537	±2.5	PASS
Band4	1312	2	NV	-10	-1.42	-0.000829	±2.5	PASS
Band4	1312	2	NV	0	-3.07	-0.001793	±2.5	PASS
Band4	1312	2	NV	10	-0.45	-0.000263	±2.5	PASS
Band4	1312	2	NV	20	0.61	0.000356	±2.5	PASS
Band4	1312	2	NV	30	1.68	0.000981	±2.5	PASS
Band4	1312	2	NV	40	-1.91	-0.001115	±2.5	PASS
Band4	1312	2	NV	50	-3.71	-0.002167	±2.5	PASS
Band4	1312	3	NV	-30	-3.70	-0.002161	±2.5	PASS
Band4	1312	3	NV	-20	-3.28	-0.001915	±2.5	PASS
Band4	1312	3	NV	-10	0.70	0.000409	±2.5	PASS
Band4	1312	3	NV	0	-4.34	-0.002534	±2.5	PASS
Band4	1312	3	NV	10	-1.94	-0.001133	±2.5	PASS
Band4	1312	3	NV	20	-1.75	-0.001022	±2.5	PASS
Band4	1312	3	NV	30	-0.43	-0.000251	±2.5	PASS
Band4	1312	3	NV	40	0.69	0.000403	±2.5	PASS
Band4	1312	3	NV	50	0.89	0.000520	±2.5	PASS
Band4	1312	4	NV	-30	-4.14	-0.002418	±2.5	PASS
Band4	1312	4	NV	-20	1.54	0.000899	±2.5	PASS
Band4	1312	4	NV	-10	-3.59	-0.002096	±2.5	PASS
Band4	1312	4	NV	0	-1.02	-0.000596	±2.5	PASS
Band4	1312	4	NV	10	-3.36	-0.001962	±2.5	PASS
Band4	1312	4	NV	20	-0.94	-0.000549	±2.5	PASS
Band4	1312	4	NV	30	-2.22	-0.001296	±2.5	PASS
Band4	1312	4	NV	40	0.01	0.000006	±2.5	PASS
Band4	1312	4	NV	50	-0.66	-0.000385	±2.5	PASS
Band4	1312	5	NV	-30	-2.23	-0.001302	±2.5	PASS
Band4	1312	5	NV	-20	-4.16	-0.002429	±2.5	PASS

Band4	1312	5	NV	-10	-4.23	-0.002470	±2.5	PASS
Band4	1312	5	NV	0	-3.80	-0.002219	±2.5	PASS
Band4	1312	5	NV	10	-2.81	-0.001641	±2.5	PASS
Band4	1312	5	NV	20	1.50	0.000876	±2.5	PASS
Band4	1312	5	NV	30	-5.74	-0.003352	±2.5	PASS
Band4	1312	5	NV	40	-2.73	-0.001594	±2.5	PASS
Band4	1312	5	NV	50	-1.74	-0.001016	±2.5	PASS
Band4	1413	1	NV	-30	-6.70	-0.003867	±2.5	PASS
Band4	1413	1	NV	-20	-8.32	-0.004802	±2.5	PASS
Band4	1413	1	NV	-10	-5.64	-0.003255	±2.5	PASS
Band4	1413	1	NV	0	-1.52	-0.000877	±2.5	PASS
Band4	1413	1	NV	10	-5.55	-0.003203	±2.5	PASS
Band4	1413	1	NV	20	-4.49	-0.002591	±2.5	PASS
Band4	1413	1	NV	30	-5.01	-0.002892	±2.5	PASS
Band4	1413	1	NV	40	-7.22	-0.004167	±2.5	PASS
Band4	1413	1	NV	50	-4.51	-0.002603	±2.5	PASS
Band4	1413	2	NV	-30	-5.54	-0.003198	±2.5	PASS
Band4	1413	2	NV	-20	-4.46	-0.002574	±2.5	PASS
Band4	1413	2	NV	-10	-6.76	-0.003902	±2.5	PASS
Band4	1413	2	NV	0	-4.49	-0.002591	±2.5	PASS
Band4	1413	2	NV	10	-5.98	-0.003451	±2.5	PASS
Band4	1413	2	NV	20	-5.34	-0.003082	±2.5	PASS
Band4	1413	2	NV	30	-4.70	-0.002713	±2.5	PASS
Band4	1413	2	NV	40	-4.78	-0.002759	±2.5	PASS
Band4	1413	2	NV	50	-3.98	-0.002297	±2.5	PASS
Band4	1413	3	NV	-30	-6.84	-0.003948	±2.5	PASS
Band4	1413	3	NV	-20	-3.43	-0.001980	±2.5	PASS
Band4	1413	3	NV	-10	-5.99	-0.003457	±2.5	PASS
Band4	1413	3	NV	0	-1.90	-0.001097	±2.5	PASS
Band4	1413	3	NV	10	-5.75	-0.003319	±2.5	PASS
Band4	1413	3	NV	20	-4.61	-0.002661	±2.5	PASS
Band4	1413	3	NV	30	-2.73	-0.001576	±2.5	PASS
Band4	1413	3	NV	40	-2.31	-0.001333	±2.5	PASS
Band4	1413	3	NV	50	-4.36	-0.002516	±2.5	PASS
Band4	1413	4	NV	-30	-3.62	-0.002089	±2.5	PASS
Band4	1413	4	NV	-20	-5.92	-0.003417	±2.5	PASS
Band4	1413	4	NV	-10	-4.94	-0.002851	±2.5	PASS
Band4	1413	4	NV	0	-5.10	-0.002944	±2.5	PASS
Band4	1413	4	NV	10	-2.93	-0.001691	±2.5	PASS
Band4	1413	4	NV	20	-2.22	-0.001281	±2.5	PASS
Band4	1413	4	NV	30	-1.70	-0.000981	±2.5	PASS

Band4	1413	4	NV	40	-8.21	-0.004739	±2.5	PASS
Band4	1413	4	NV	50	-3.48	-0.002009	±2.5	PASS
Band4	1413	5	NV	-30	-4.06	-0.002343	±2.5	PASS
Band4	1413	5	NV	-20	-8.13	-0.004692	±2.5	PASS
Band4	1413	5	NV	-10	-5.05	-0.002915	±2.5	PASS
Band4	1413	5	NV	0	-6.38	-0.003682	±2.5	PASS
Band4	1413	5	NV	10	-5.60	-0.003232	±2.5	PASS
Band4	1413	5	NV	20	-5.61	-0.003238	±2.5	PASS
Band4	1413	5	NV	30	-2.76	-0.001593	±2.5	PASS
Band4	1413	5	NV	40	-4.65	-0.002684	±2.5	PASS
Band4	1413	5	NV	50	-4.99	-0.002880	±2.5	PASS
Band4	1513	1	NV	-30	-3.88	-0.002214	±2.5	PASS
Band4	1513	1	NV	-20	-4.48	-0.002556	±2.5	PASS
Band4	1513	1	NV	-10	-4.03	-0.002299	±2.5	PASS
Band4	1513	1	NV	0	-5.76	-0.003287	±2.5	PASS
Band4	1513	1	NV	10	-4.12	-0.002351	±2.5	PASS
Band4	1513	1	NV	20	-5.35	-0.003053	±2.5	PASS
Band4	1513	1	NV	30	-3.33	-0.001900	±2.5	PASS
Band4	1513	1	NV	40	-2.30	-0.001312	±2.5	PASS
Band4	1513	1	NV	50	-3.43	-0.001957	±2.5	PASS
Band4	1513	2	NV	-30	-5.18	-0.002956	±2.5	PASS
Band4	1513	2	NV	-20	-4.86	-0.002773	±2.5	PASS
Band4	1513	2	NV	-10	-6.82	-0.003891	±2.5	PASS
Band4	1513	2	NV	0	-1.70	-0.000970	±2.5	PASS
Band4	1513	2	NV	10	-5.04	-0.002876	±2.5	PASS
Band4	1513	2	NV	20	-7.23	-0.004125	±2.5	PASS
Band4	1513	2	NV	30	-2.89	-0.001649	±2.5	PASS
Band4	1513	2	NV	40	-4.22	-0.002408	±2.5	PASS
Band4	1513	2	NV	50	-5.12	-0.002921	±2.5	PASS
Band4	1513	3	NV	-30	-6.52	-0.003720	±2.5	PASS
Band4	1513	3	NV	-20	-4.84	-0.002762	±2.5	PASS
Band4	1513	3	NV	-10	-5.61	-0.003201	±2.5	PASS
Band4	1513	3	NV	0	-4.61	-0.002630	±2.5	PASS
Band4	1513	3	NV	10	-6.68	-0.003811	±2.5	PASS
Band4	1513	3	NV	20	-4.37	-0.002493	±2.5	PASS
Band4	1513	3	NV	30	-2.52	-0.001438	±2.5	PASS
Band4	1513	3	NV	40	-0.34	-0.000194	±2.5	PASS
Band4	1513	3	NV	50	-6.69	-0.003817	±2.5	PASS
Band4	1513	4	NV	-30	-3.40	-0.001940	±2.5	PASS
Band4	1513	4	NV	-20	-4.81	-0.002744	±2.5	PASS
Band4	1513	4	NV	-10	-3.18	-0.001814	±2.5	PASS

Band4	1513	4	NV	0	-4.37	-0.002493	±2.5	PASS
Band4	1513	4	NV	10	-5.46	-0.003115	±2.5	PASS
Band4	1513	4	NV	20	-4.58	-0.002613	±2.5	PASS
Band4	1513	4	NV	30	-4.35	-0.002482	±2.5	PASS
Band4	1513	4	NV	40	-3.04	-0.001735	±2.5	PASS
Band4	1513	4	NV	50	-0.48	-0.000274	±2.5	PASS
Band4	1513	5	NV	-30	-4.91	-0.002802	±2.5	PASS
Band4	1513	5	NV	-20	-8.10	-0.004622	±2.5	PASS
Band4	1513	5	NV	-10	-3.40	-0.001940	±2.5	PASS
Band4	1513	5	NV	0	-6.29	-0.003589	±2.5	PASS
Band4	1513	5	NV	10	-4.34	-0.002476	±2.5	PASS
Band4	1513	5	NV	20	-6.11	-0.003486	±2.5	PASS
Band4	1513	5	NV	30	-8.25	-0.004707	±2.5	PASS
Band4	1513	5	NV	40	-3.78	-0.002157	±2.5	PASS
Band4	1513	5	NV	50	-1.94	-0.001107	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band4	1312	PASS	PASS
Band4	1413	PASS	PASS
Band4	1513	PASS	PASS

Test Graphs

