AppendixA: Conducted Power Output Data

Band	Channel	Conducted Power(dBm)	Limit(dBm)	Verdict
Band4	1312	22.85	30	PASS
Band4	1413	22.84	30	PASS
Band4	1513	22.52	30	PASS

Band	Channel	SubTest	Conducted Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	22.02	30	PASS
Band4	1312	2	21.42	30	PASS
Band4	1312	3	21.36	30	PASS
Band4	1312	4	21.35	30	PASS
Band4	1413	1	22.03	30	PASS
Band4	1413	2	21.47	30	PASS
Band4	1413	3	21.36	30	PASS
Band4	1413	4	21.39	30	PASS
Band4	1513	1	21.76	30	PASS
Band4	1513	2	21.20	30	PASS
Band4	1513	3	21.11	30	PASS
Band4	1513	4	21.07	30	PASS

Band	Channel	SubTest	Conducted Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	20.46	30	PASS
Band4	1312	2	19.46	30	PASS
Band4	1312	3	20.00	30	PASS
Band4	1312	4	17.43	30	PASS
Band4	1312	5	20.33	30	PASS
Band4	1413	1	20.43	30	PASS
Band4	1413	2	19.24	30	PASS
Band4	1413	3	20.21	30	PASS
Band4	1413	4	17.47	30	PASS
Band4	1413	5	20.25	30	PASS
Band4	1513	1	19.24	30	PASS
Band4	1513	2	18.97	30	PASS
Band4	1513	3	20.06	30	PASS
Band4	1513	4	17.20	30	PASS
Band4	1513	5	19.96	30	PASS

AppendixB:Peak-to-Average Ratio

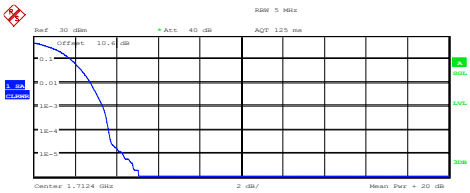
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.3	13	PASS
Band4	1413	3.3	13	PASS
Band4	1513	3.3	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.27	13	PASS
Band4	1312	2	3.78	13	PASS
Band4	1312	3	4.29	13	PASS
Band4	1312	4	4.17	13	PASS
Band4	1413	1	3.24	13	PASS
Band4	1413	2	3.75	13	PASS
Band4	1413	3	4.07	13	PASS
Band4	1413	4	4.04	13	PASS
Band4	1513	1	3.3	13	PASS
Band4	1513	2	3.78	13	PASS
Band4	1513	3	4.01	13	PASS
Band4	1513	4	4.04	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	4.46	13	PASS
Band4	1312	2	5.48	13	PASS
Band4	1312	3	5	13	PASS
Band4	1312	4	5.42	13	PASS
Band4	1312	5	4.36	13	PASS
Band4	1413	1	4.52	13	PASS
Band4	1413	2	5.45	13	PASS
Band4	1413	3	5	13	PASS
Band4	1413	4	5.42	13	PASS
Band4	1413	5	4.33	13	PASS
Band4	1513	1	4.39	13	PASS
Band4	1513	2	5.48	13	PASS
Band4	1513	3	5.03	13	PASS
Band4	1513	4	5.45	13	PASS
Band4	1513	5	4.33	13	PASS

Test Graphs

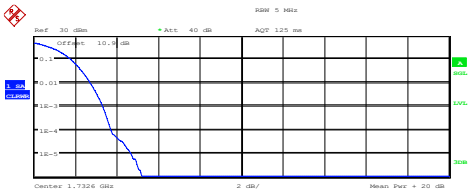


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.75 dBm
Peak	26.84 dBm
Crest	5.09 dB
10 %	1.76 dB
1 %	2.72 dB
.1 %	3.30 dB
.01 %	3.59 dB

Date: 21.FEB.2025 00:28:00

Band4-1312-PASS

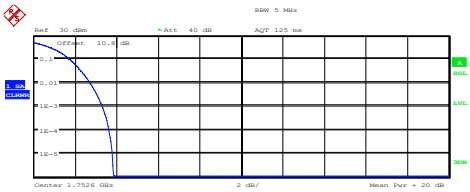


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	22.01 dBm
Peak	27.40 dBm
Crest	5.39 dB
10 %	1.76 dB
1 %	2.69 dB
.1 %	3.30 dB
.01 %	3.72 dB

Date: 21.FEB.2025 00:28:17

Band4-1413-PASS

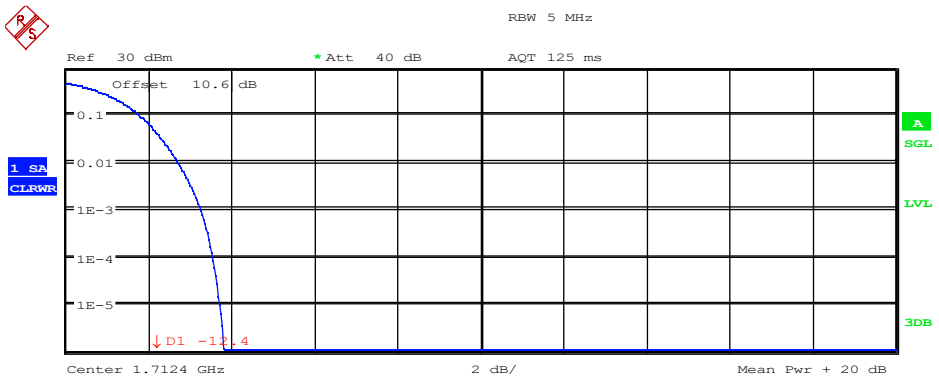


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.54 dBm
Peak	25.42 dBm
Crest	3.88 dB
10 %	1.73 dB
1 %	2.69 dB
.1 %	3.30 dB
.01 %	3.62 dB

Date: 21.FEB.2025 00:28:33

Band4-1513-PASS

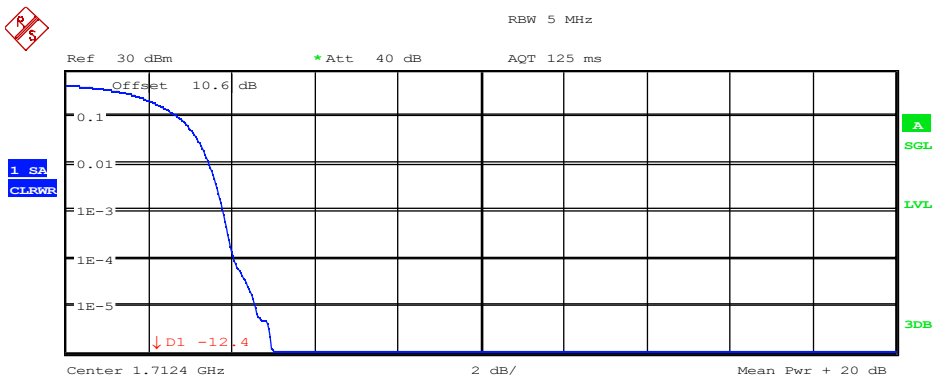


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.97 dBm
Peak	24.79 dBm
Crest	3.82 dB
10 %	1.76 dB
1 %	2.69 dB
.1 %	3.27 dB
.01 %	3.53 dB

Date: 21.FEB.2025 00:44:37

Band4-1312-1-PASS

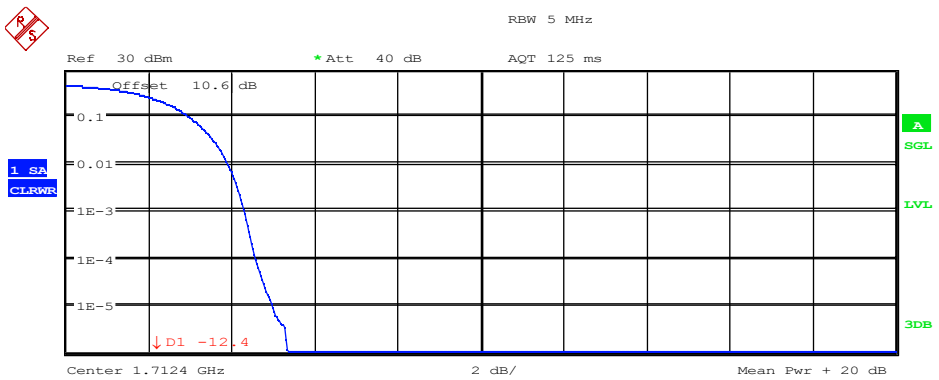


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.39 dBm
Peak	25.42 dBm
Crest	5.04 dB
10 %	2.69 dB
1 %	3.46 dB
.1 %	3.78 dB
.01 %	4.04 dB

Date: 21.FEB.2025 00:45:46

Band4-1312-2-PASS

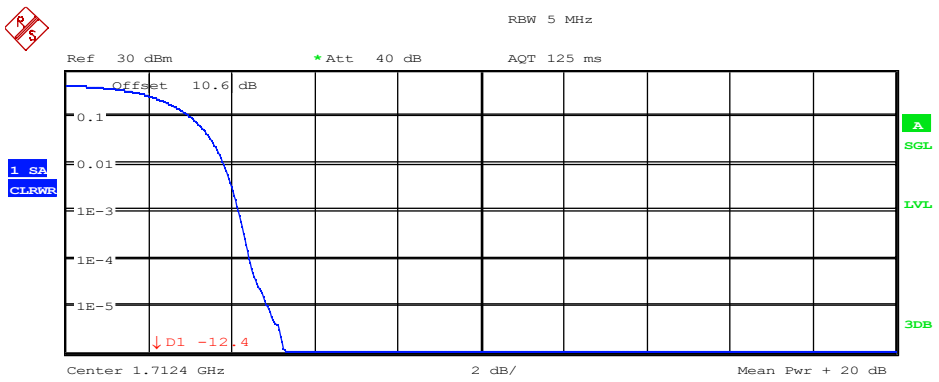


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.81 dBm
Peak	25.21 dBm
Crest	5.40 dB
10 %	2.98 dB
1 %	3.91 dB
.1 %	4.29 dB
.01 %	4.58 dB

Date: 21.FEB.2025 00:46:56

Band4-1312-3-PASS

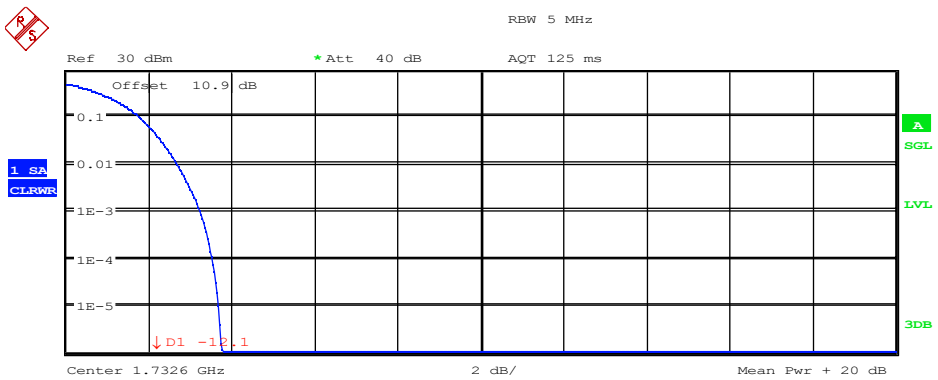


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.24 dBm
Peak	25.64 dBm
Crest	5.40 dB
10 %	3.01 dB
1 %	3.81 dB
.1 %	4.17 dB
.01 %	4.42 dB

Date: 21.FEB.2025 00:48:04

Band4-1312-4-PASS

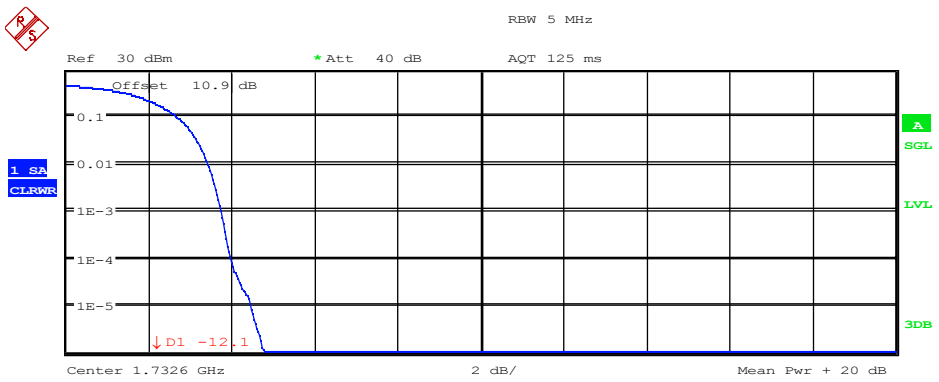


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.24 dBm
Peak	25.00 dBm
Crest	3.76 dB
10 %	1.76 dB
1 %	2.69 dB
.1 %	3.24 dB
.01 %	3.53 dB

Date: 21.FEB.2025 00:44:56

Band4-1413-1-PASS

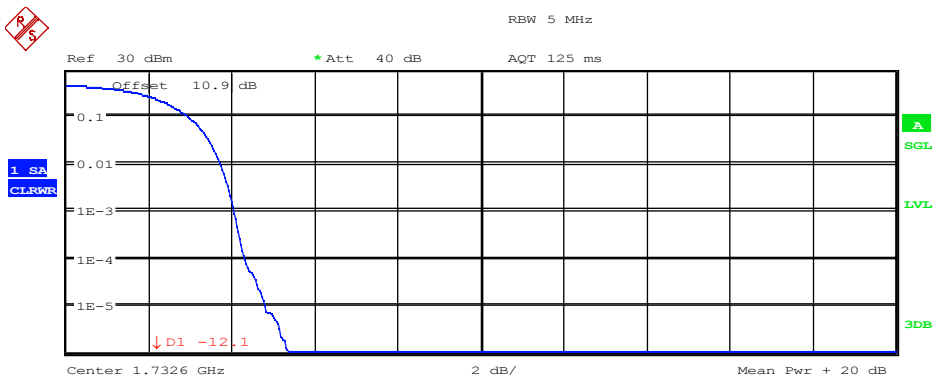


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.60 dBm
Peak	25.57 dBm
Crest	4.97 dB
10 %	2.66 dB
1 %	3.43 dB
.1 %	3.75 dB
.01 %	3.97 dB

Date: 21.FEB.2025 00:46:05

Band4-1413-2-PASS

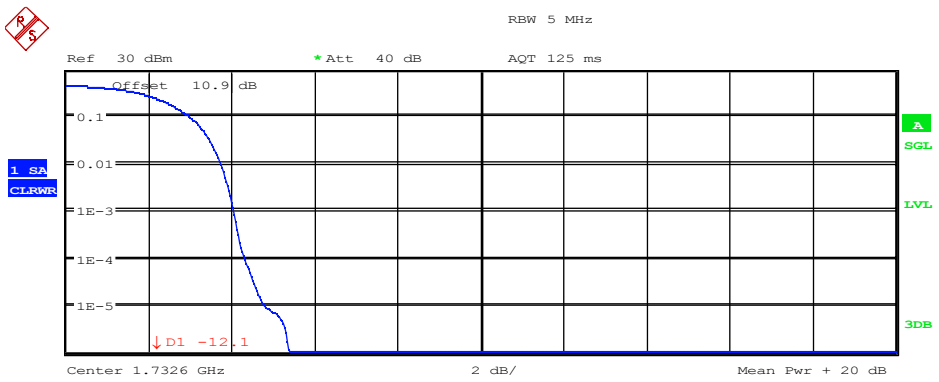


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.67 dBm
Peak	25.07 dBm
Crest	5.40 dB
10 %	2.95 dB
1 %	3.72 dB
.1 %	4.07 dB
.01 %	4.29 dB

Date: 21.FEB.2025 00:47:15

Band4-1413-3-PASS

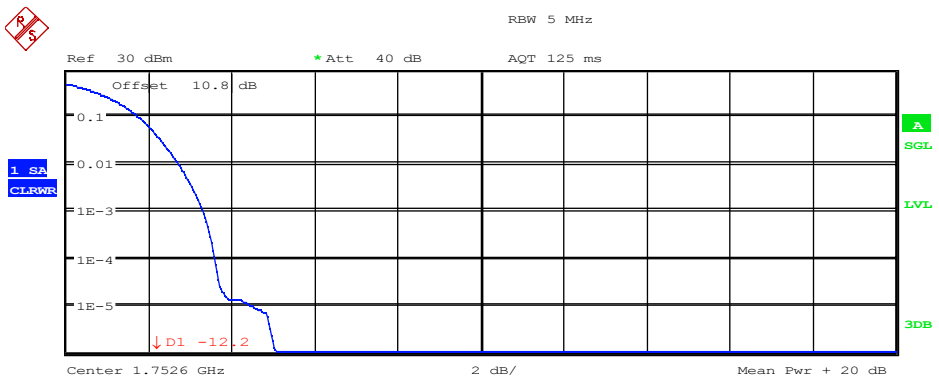


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.52 dBm
Peak	25.92 dBm
Crest	5.40 dB
10 %	2.98 dB
1 %	3.75 dB
.1 %	4.04 dB
.01 %	4.29 dB

Date: 21.FEB.2025 00:48:23

Band4-1413-4-PASS

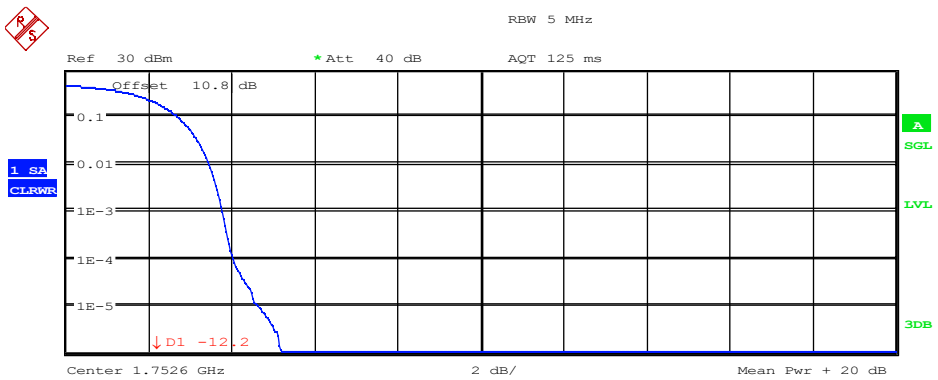


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.81 dBm
Peak	26.20 dBm
Crest	5.39 dB
10 %	1.73 dB
1 %	2.72 dB
.1 %	3.30 dB
.01 %	3.59 dB

Date: 21.FEB.2025 00:45:14

Band4-1513-1-PASS

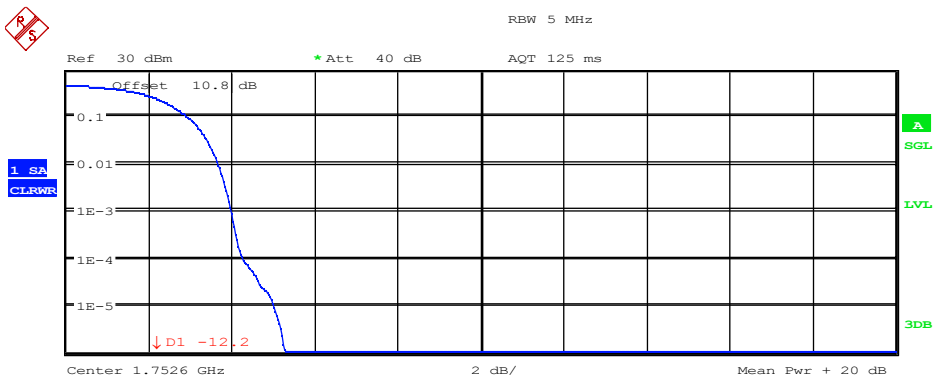


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.34 dBm
Peak	24.65 dBm
Crest	5.31 dB
10 %	2.69 dB
1 %	3.46 dB
.1 %	3.78 dB
.01 %	4.04 dB

Date: 21.FEB.2025 00:46:23

Band4-1513-2-PASS

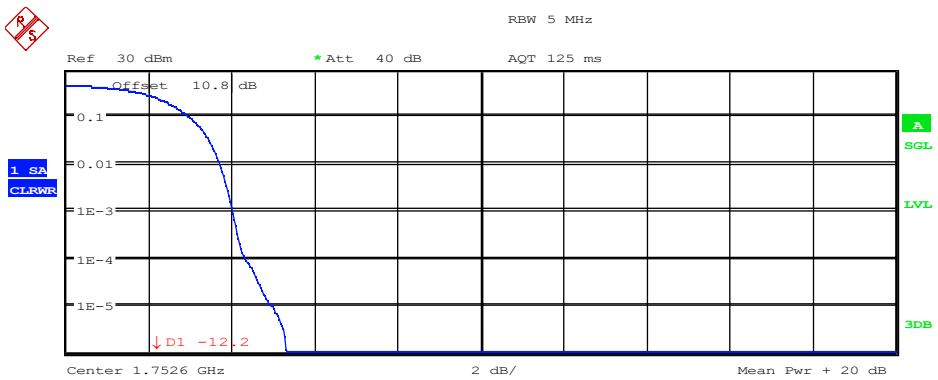


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.28 dBm
Peak	24.58 dBm
Crest	5.30 dB
10 %	2.92 dB
1 %	3.69 dB
.1 %	4.01 dB
.01 %	4.26 dB

Date: 21.FEB.2025 00:47:32

Band4-1513-3-PASS

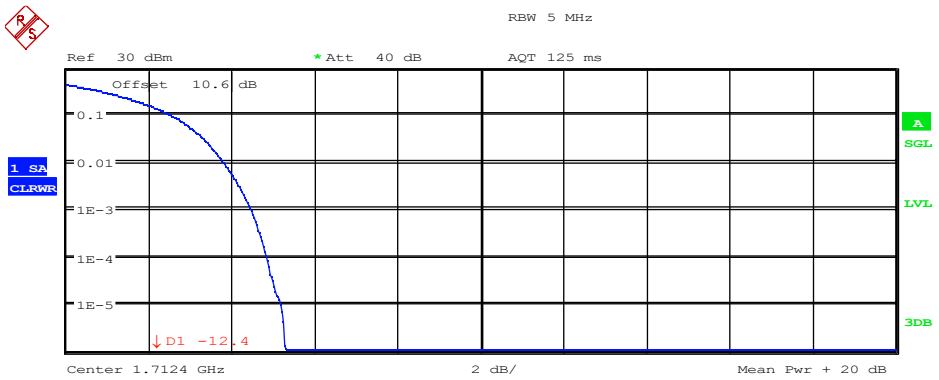


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.95 dBm
Peak	25.28 dBm
Crest	5.33 dB
10 %	2.98 dB
1 %	3.72 dB
.1 %	4.04 dB
.01 %	4.33 dB

Date: 21.FEB.2025 00:48:41

Band4-1513-4-PASS

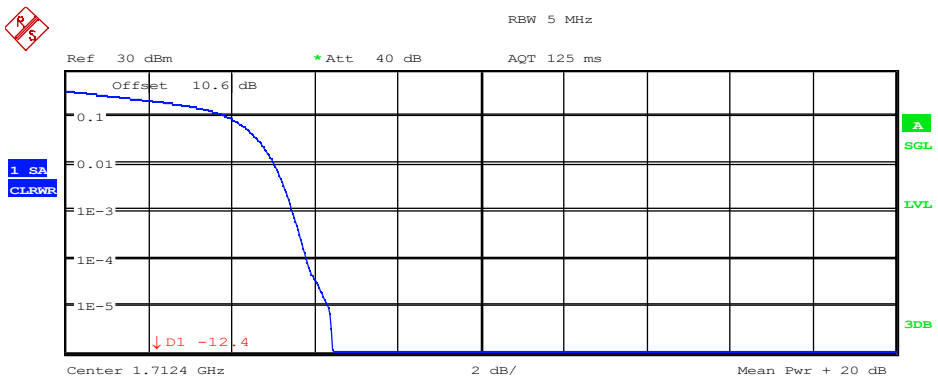


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.73 dBm
Peak	24.23 dBm
Crest	5.49 dB
10 %	2.56 dB
1 %	3.81 dB
.1 %	4.46 dB
.01 %	4.84 dB

Date: 21.FEB.2025 01:55:40

Band4-1312-1-PASS

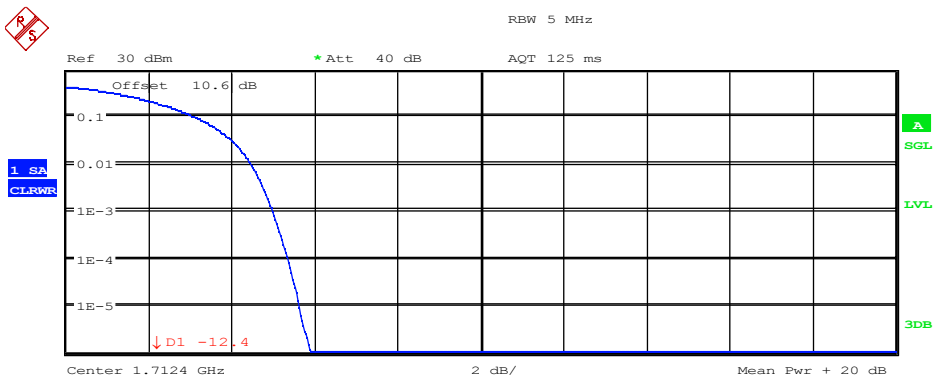


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.51 dBm
Peak	25.14 dBm
Crest	6.63 dB
10 %	3.91 dB
1 %	5.03 dB
.1 %	5.48 dB
.01 %	5.80 dB

Date: 21.FEB.2025 01:58:26

Band4-1312-2-PASS

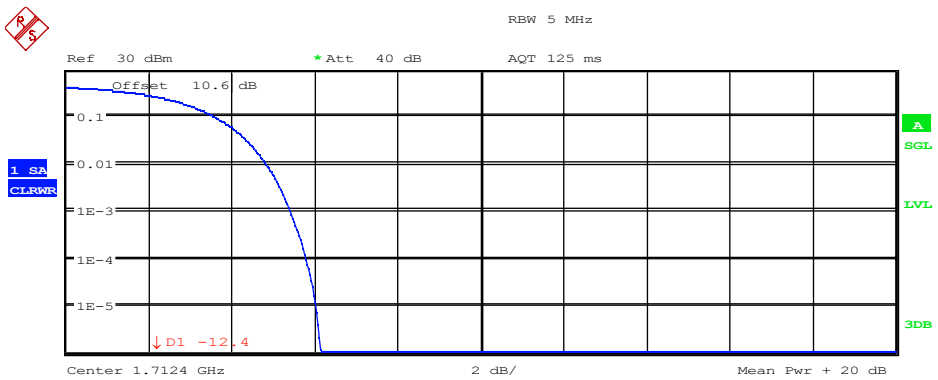


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.25 dBm
Peak	25.21 dBm
Crest	5.96 dB
10 %	3.11 dB
1 %	4.46 dB
.1 %	5.00 dB
.01 %	5.35 dB

Date: 21.FEB.2025 02:01:05

Band4-1312-3-PASS

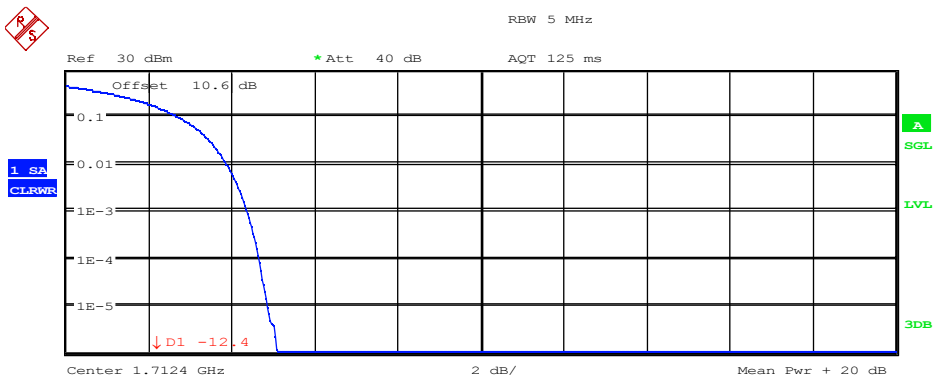


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	16.47 dBm
Peak	22.74 dBm
Crest	6.27 dB
10 %	3.59 dB
1 %	4.84 dB
.1 %	5.42 dB
.01 %	5.80 dB

Date: 21.FEB.2025 02:03:46

Band4-1312-4-PASS

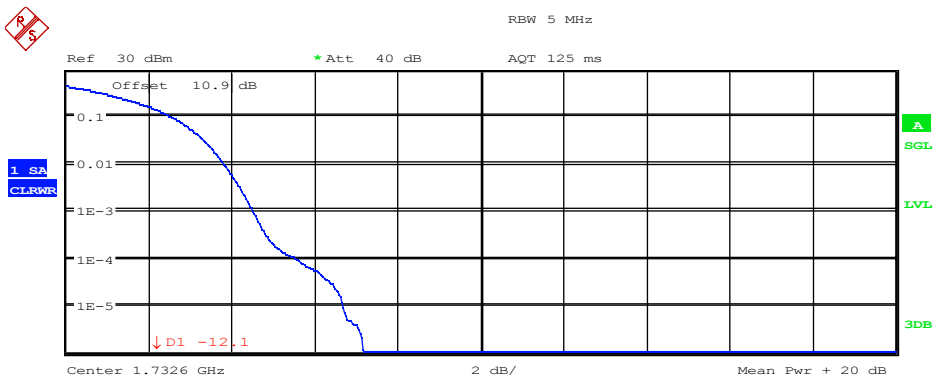


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.36 dBm
Peak	24.51 dBm
Crest	5.15 dB
10 %	2.72 dB
1 %	3.88 dB
.1 %	4.36 dB
.01 %	4.65 dB

Date: 21.FEB.2025 02:06:31

Band4-1312-5-PASS

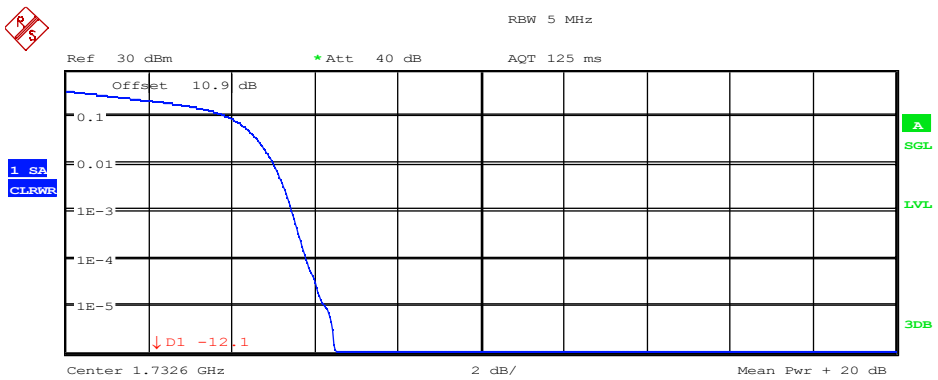


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.14 dBm
Peak	26.34 dBm
Crest	7.20 dB
10 %	2.56 dB
1 %	3.81 dB
.1 %	4.52 dB
.01 %	5.54 dB

Date: 21.FEB.2025 01:56:39

Band4-1413-1-PASS

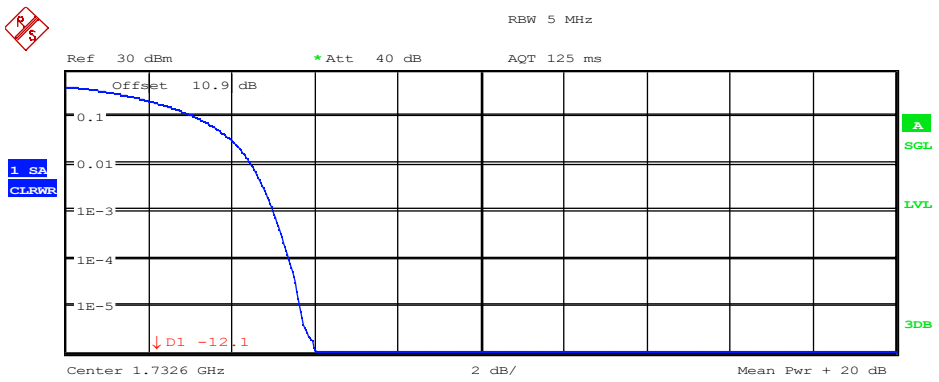


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.78 dBm
Peak	25.28 dBm
Crest	6.50 dB
10 %	3.91 dB
1 %	5.00 dB
.1 %	5.45 dB
.01 %	5.80 dB

Date: 21.FEB.2025 01:59:26

Band4-1413-2-PASS

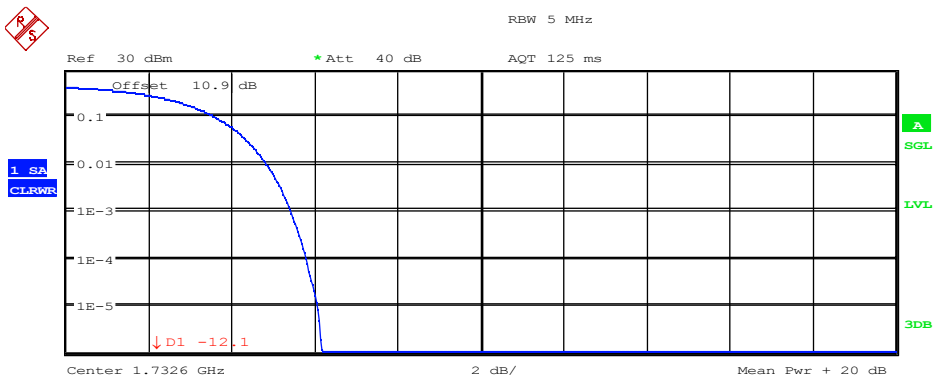


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.49 dBm
Peak	25.57 dBm
Crest	6.07 dB
10 %	3.11 dB
1 %	4.46 dB
.1 %	5.00 dB
.01 %	5.38 dB

Date: 21.FEB.2025 02:02:04

Band4-1413-3-PASS

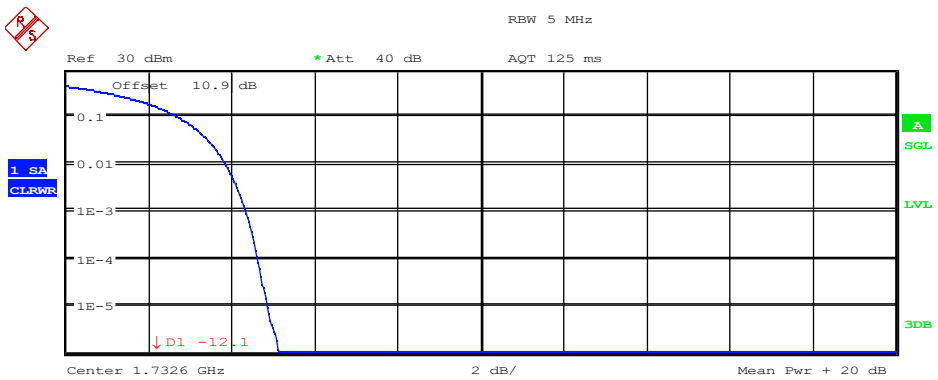


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	16.75 dBm
Peak	22.96 dBm
Crest	6.21 dB
10 %	3.59 dB
1 %	4.84 dB
.1 %	5.42 dB
.01 %	5.80 dB

Date: 21.FEB.2025 02:04:50

Band4-1413-4-PASS

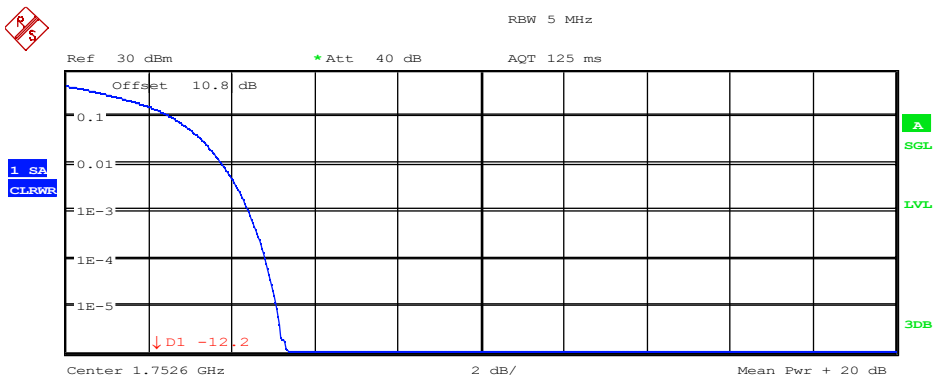


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.64 dBm
Peak	24.79 dBm
Crest	5.15 dB
10 %	2.69 dB
1 %	3.85 dB
.1 %	4.33 dB
.01 %	4.62 dB

Date: 21.FEB.2025 02:06:58

Band4-1413-5-PASS

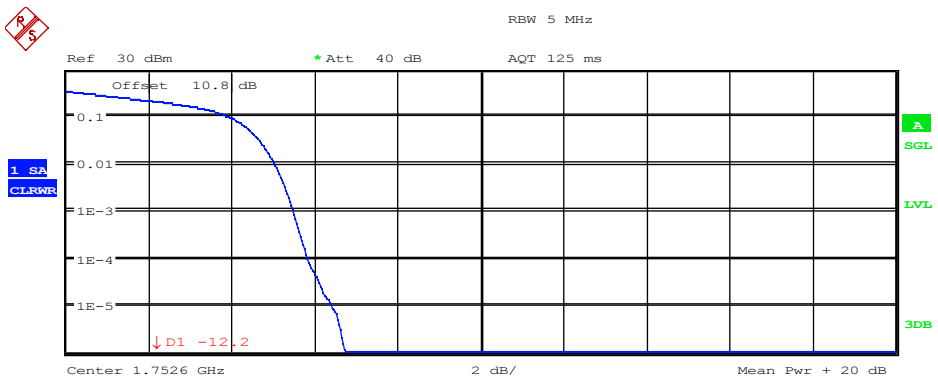


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.69 dBm
Peak	24.08 dBm
Crest	5.39 dB
10 %	2.53 dB
1 %	3.75 dB
.1 %	4.39 dB
.01 %	4.81 dB

Date: 21.FEB.2025 01:57:42

Band4-1513-1-PASS

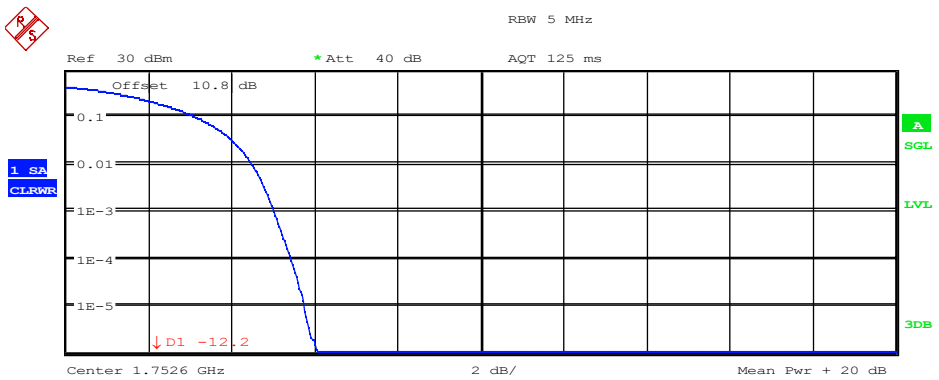


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.35 dBm
Peak	25.21 dBm
Crest	6.87 dB
10 %	3.94 dB
1 %	5.03 dB
.1 %	5.48 dB
.01 %	5.83 dB

Date: 21.FEB.2025 02:00:25

Band4-1513-2-PASS



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.10 dBm
Peak	25.21 dBm
Crest	6.11 dB
10 %	3.14 dB
1 %	4.49 dB
.1 %	5.03 dB
.01 %	5.42 dB

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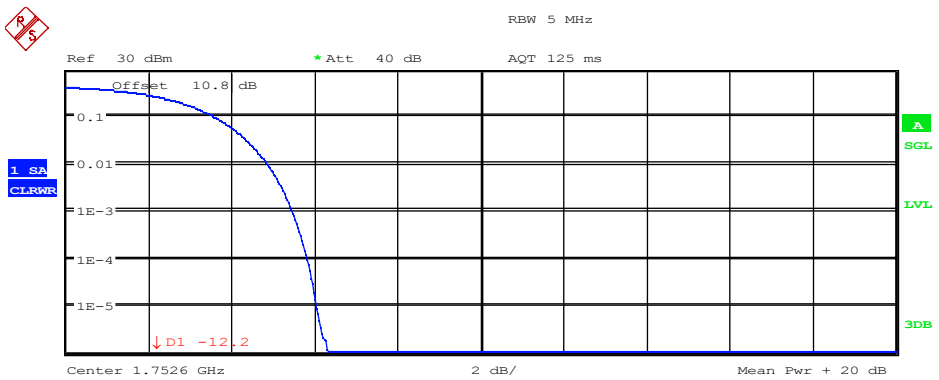
Band4-1513-3-PASS



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	16.41 dBm
Peak	22.74 dBm
Crest	6.33 dB
10 %	3.59 dB
1 %	4.87 dB
.1 %	5.45 dB
.01 %	5.83 dB

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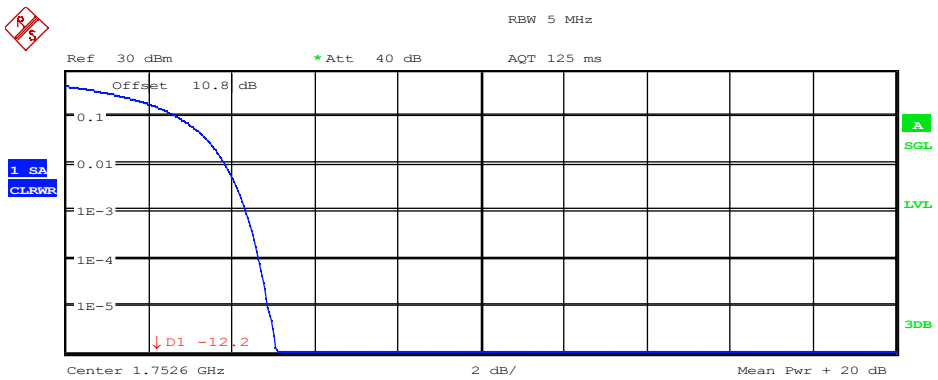
Band4-1513-4-PASS



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.23 dBm
Peak	24.37 dBm
Crest	5.14 dB
10 %	2.69 dB
1 %	3.85 dB
.1 %	4.33 dB
.01 %	4.65 dB

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Band4-1513-5-PASS

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

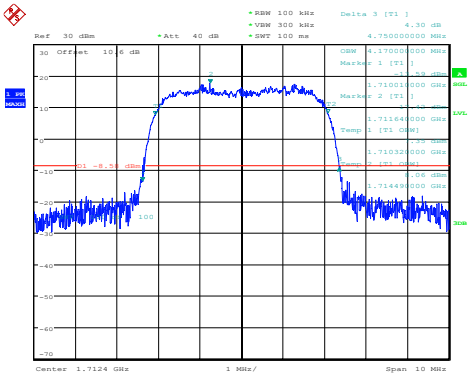
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	4.17	4.75	---	PASS
Band4	1413	4.17	4.72	---	PASS
Band4	1513	4.17	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	1	4.17	4.72	---	PASS
Band4	1312	2	4.16	4.73	---	PASS
Band4	1312	3	4.16	4.72	---	PASS
Band4	1312	4	4.16	4.71	---	PASS
Band4	1413	1	4.17	4.73	---	PASS
Band4	1413	2	4.17	4.71	---	PASS
Band4	1413	3	4.17	4.73	---	PASS
Band4	1413	4	4.17	4.72	---	PASS
Band4	1513	1	4.17	4.73	---	PASS
Band4	1513	2	4.16	4.71	---	PASS
Band4	1513	3	4.16	4.72	---	PASS
Band4	1513	4	4.17	4.71	---	PASS

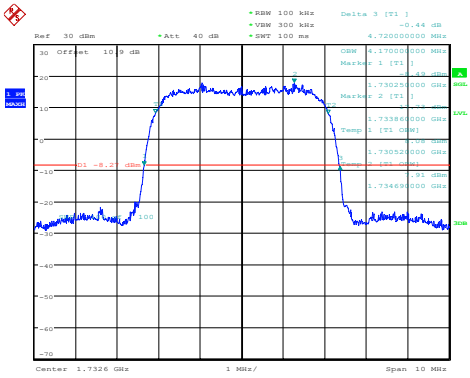
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	1	4.18	4.73	---	PASS
Band4	1312	2	4.19	4.72	---	PASS
Band4	1312	3	4.18	4.73	---	PASS
Band4	1312	4	4.18	4.73	---	PASS
Band4	1312	5	4.16	4.72	---	PASS
Band4	1413	1	4.19	4.74	---	PASS
Band4	1413	2	4.18	4.71	---	PASS
Band4	1413	3	4.19	4.73	---	PASS
Band4	1413	4	4.18	4.75	---	PASS
Band4	1413	5	4.17	4.72	---	PASS
Band4	1513	1	4.19	4.74	---	PASS

Band4	1513	2	4.18	4.73	---	PASS
Band4	1513	3	4.19	4.72	---	PASS
Band4	1513	4	4.18	4.73	---	PASS
Band4	1513	5	4.17	4.72	---	PASS

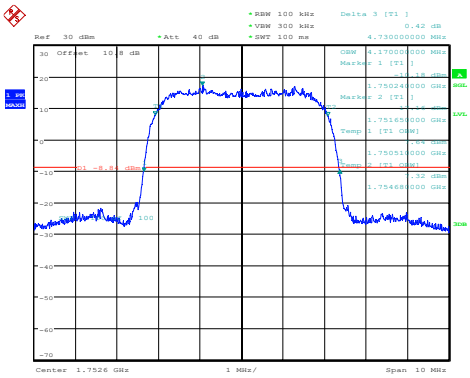
Test Graphs



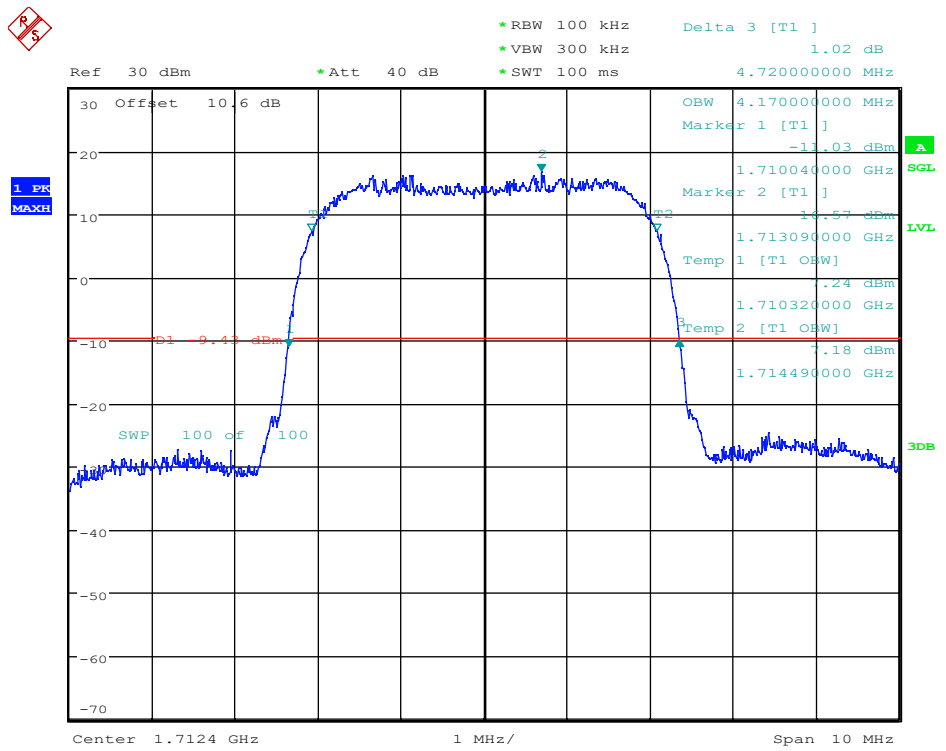
Band4-1312-PASS



Band4-1413-PASS

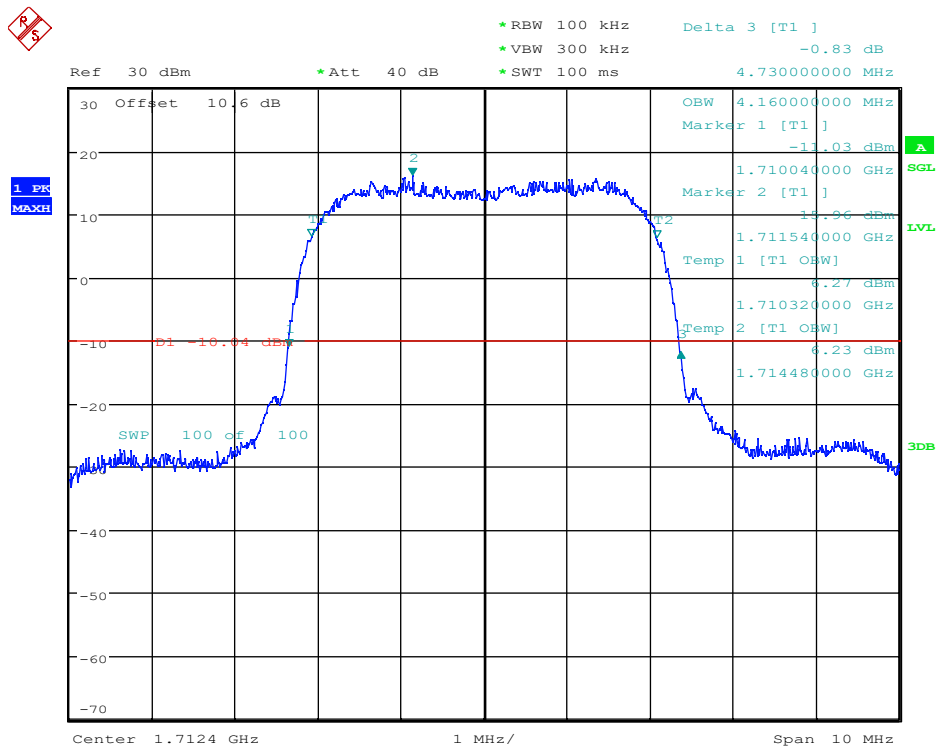


Band4-1513-PASS



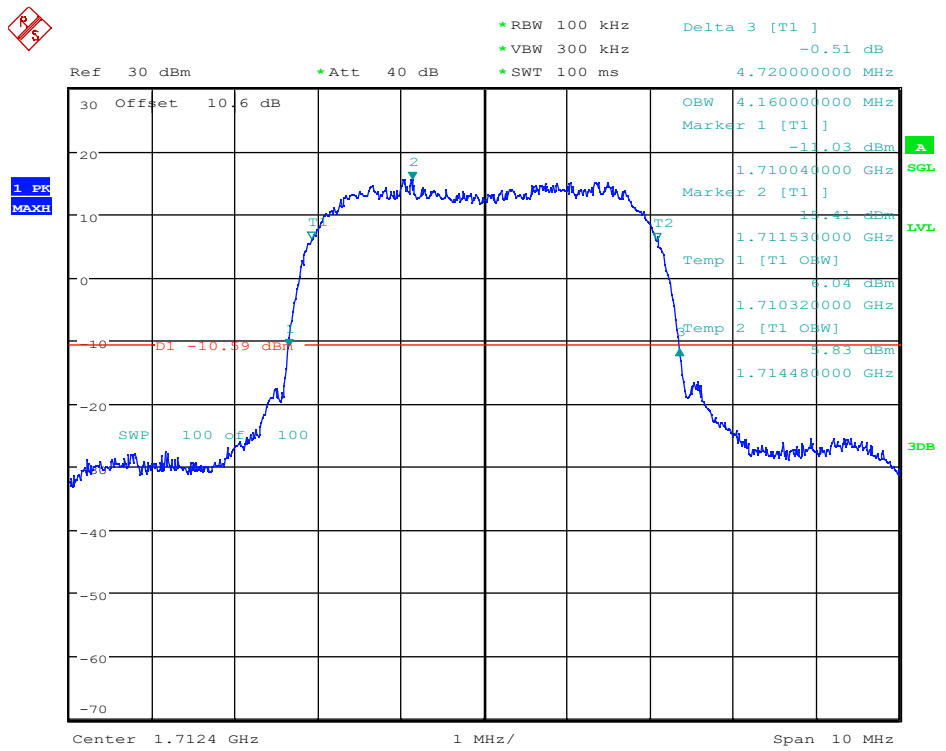
Date: 21.FEB.2025 01:14:32

Band4-1312-1-PASS



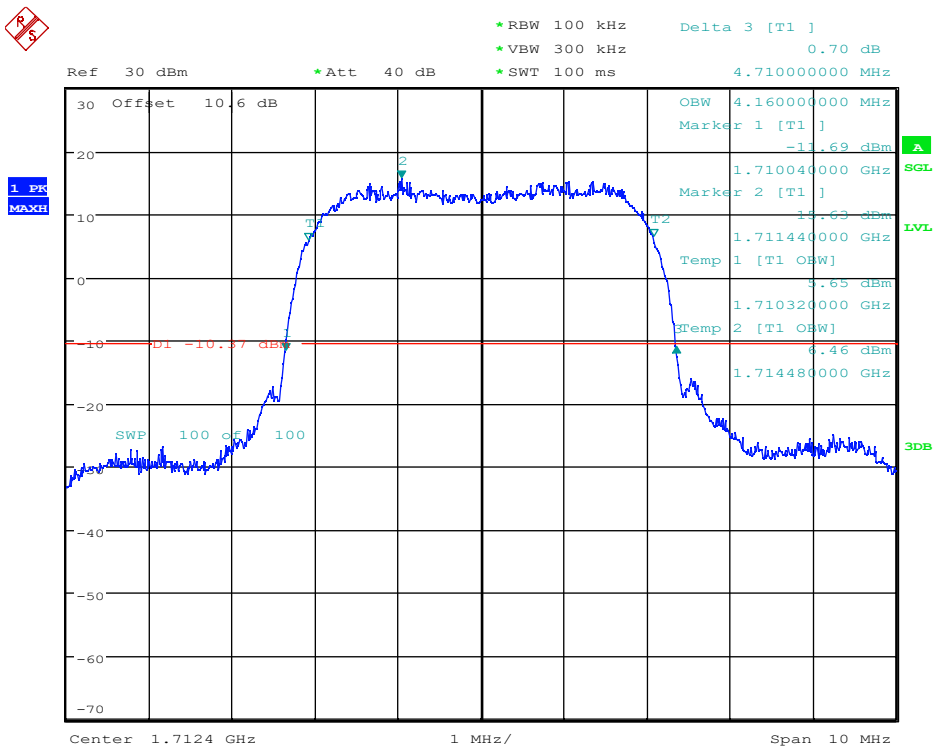
Date: 21.FEB.2025 01:16:18

Band4-1312-2-PASS



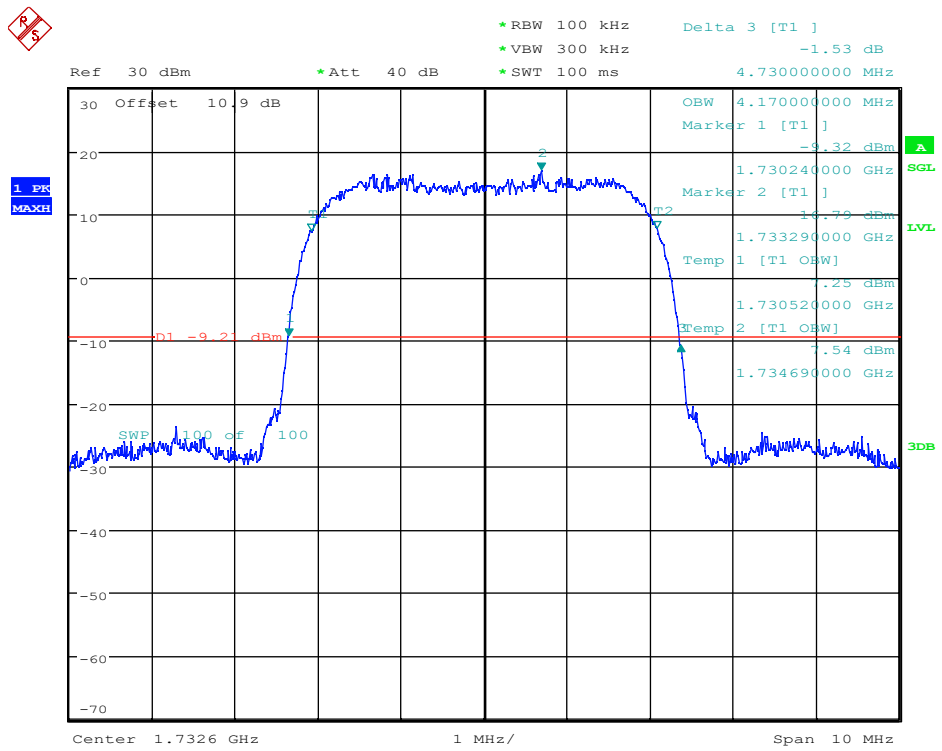
Date: 21.FEB.2025 01:18:04

Band4-1312-3-PASS



Date: 21.FEB.2025 01:19:48

Band4-1312-4-PASS



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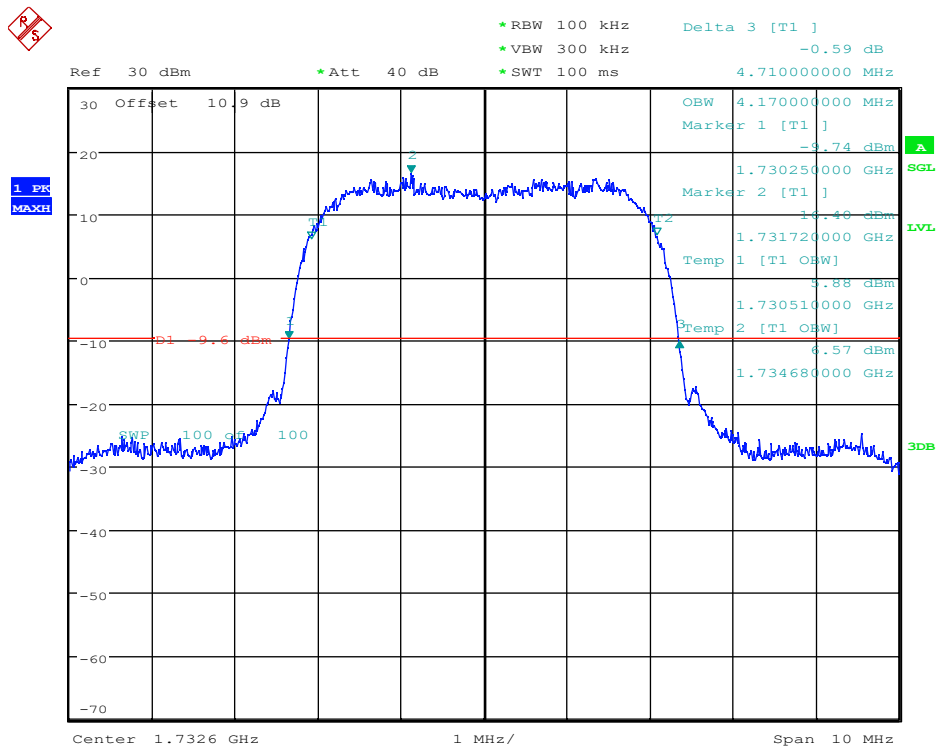
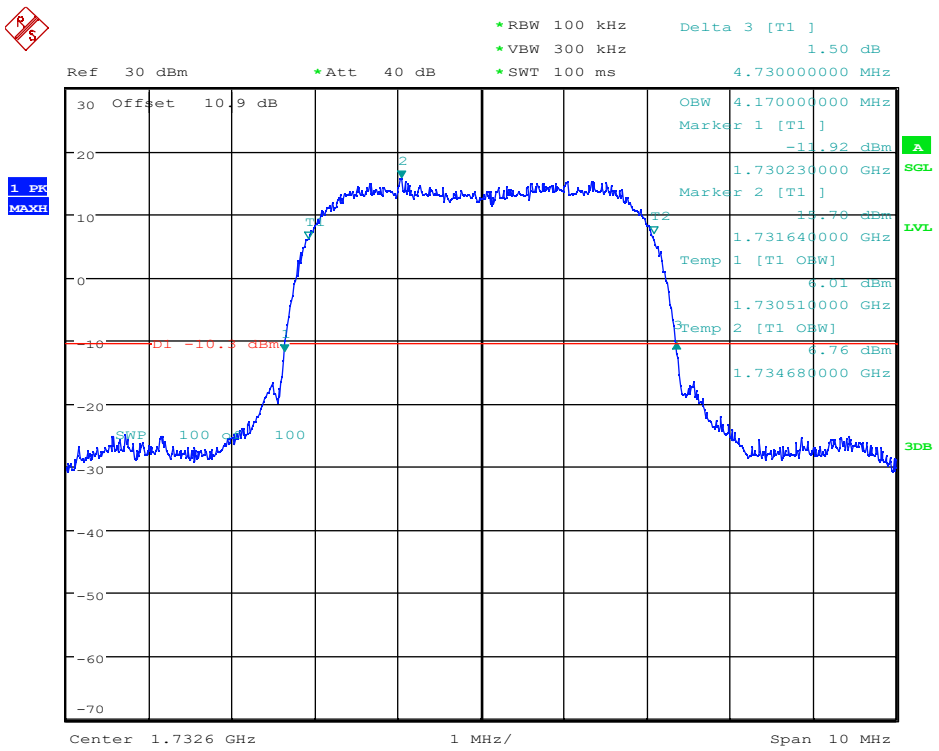
Band4-1413-1-PASS



Date: 21.FEB.2025 01:16:49

Band4-1413-2-PASS



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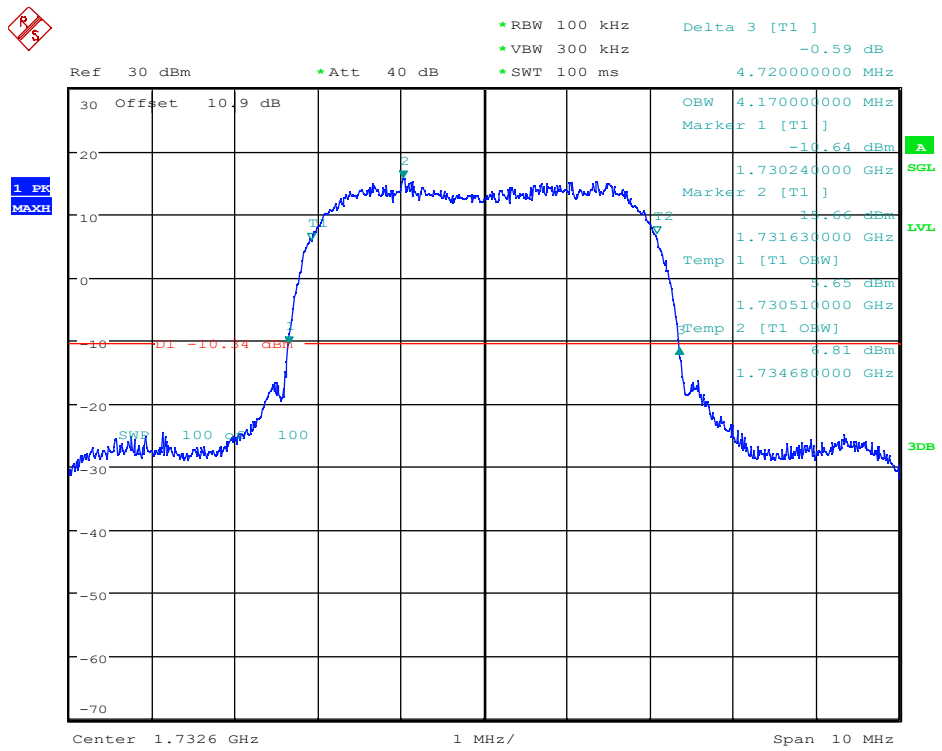
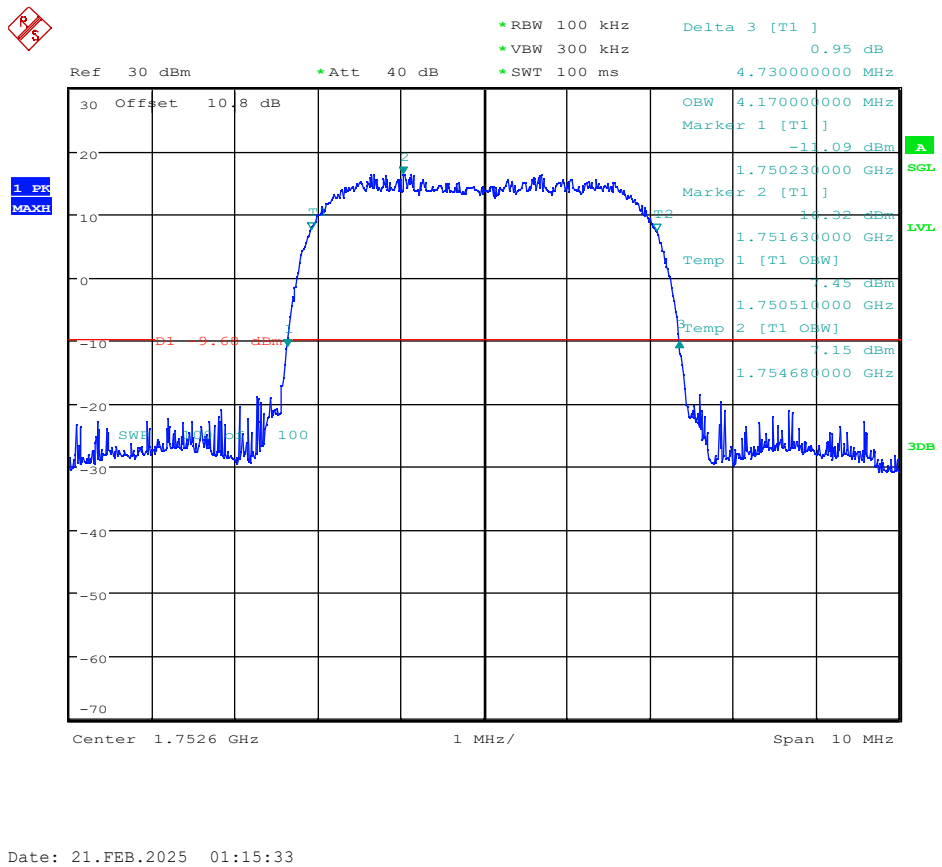
Band4-1413-3-PASS



Date: 21.FEB.2025 01:20:20

Band4-1413-4-PASS



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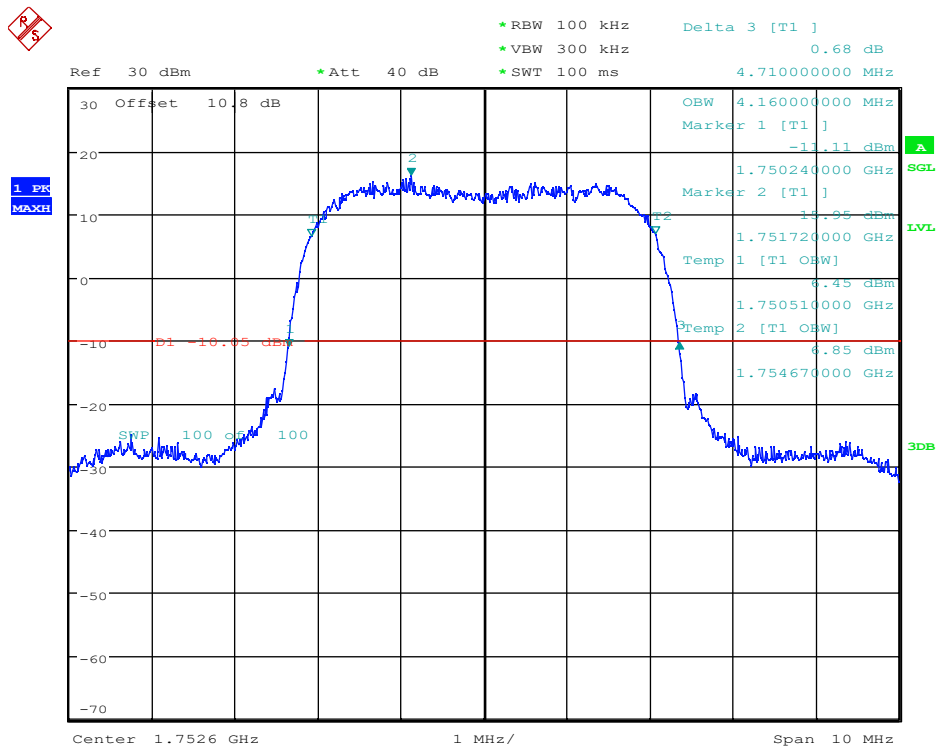
Band4-1513-1-PASS



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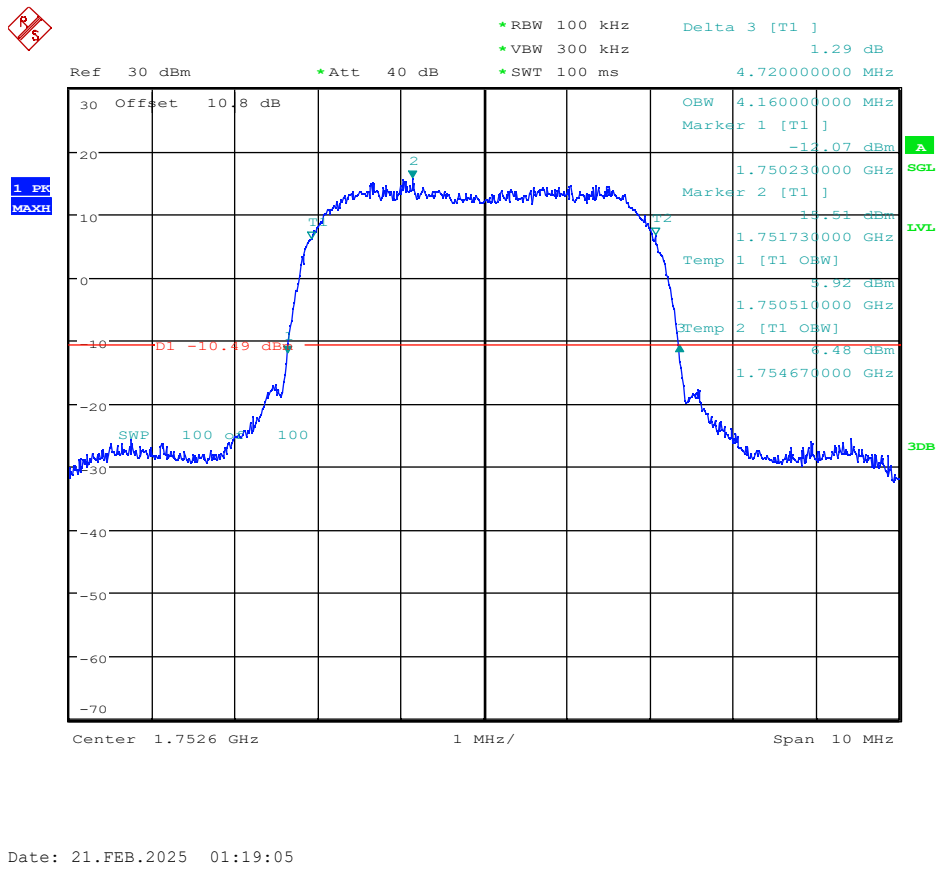
Band4-1513-2-PASS



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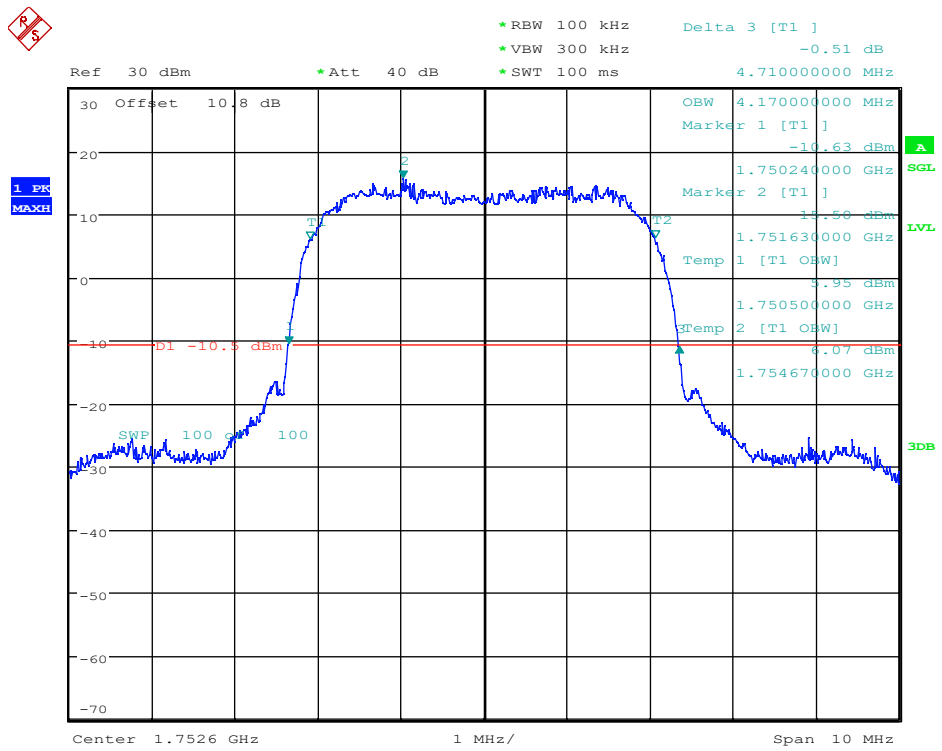
Band4-1513-3-PASS



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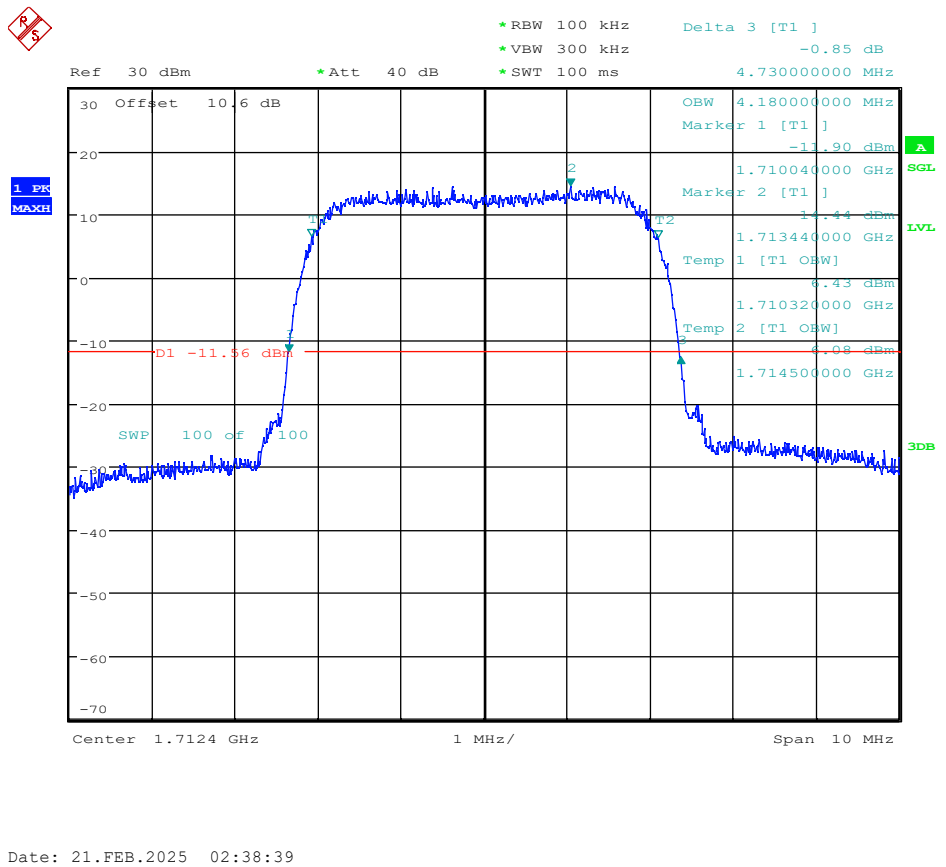
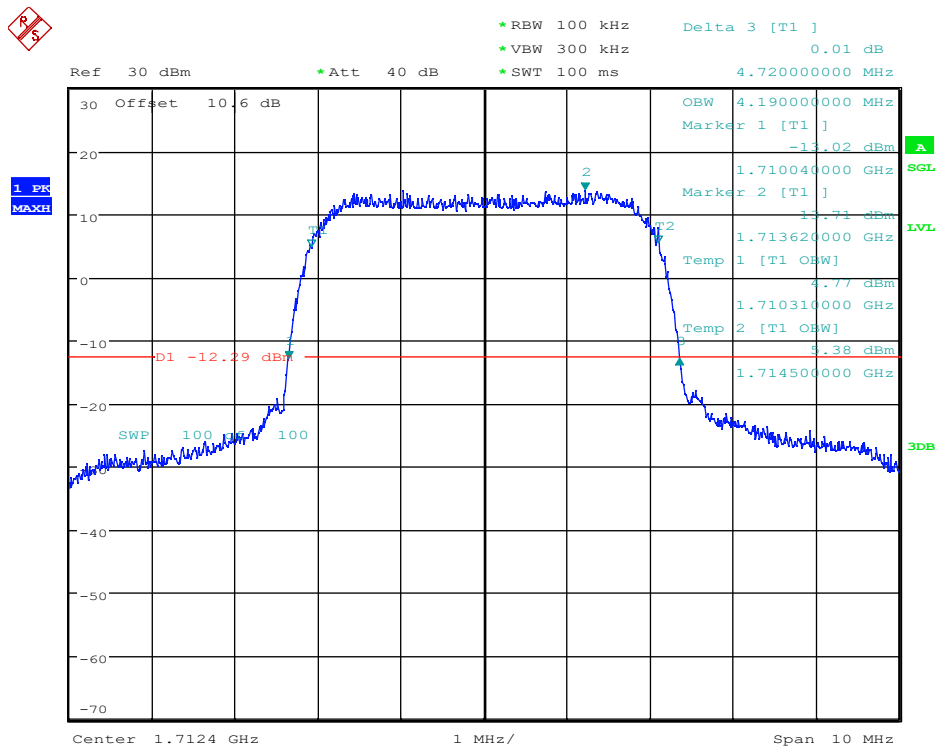
Band4-1513-4-PASS



Band4-1312-1-PASS



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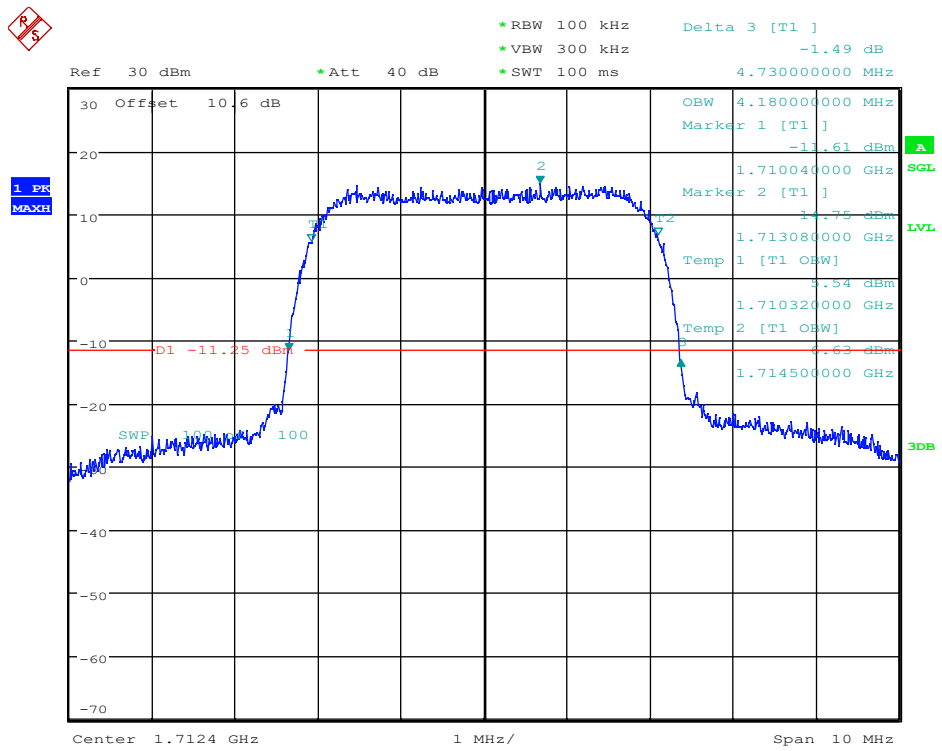
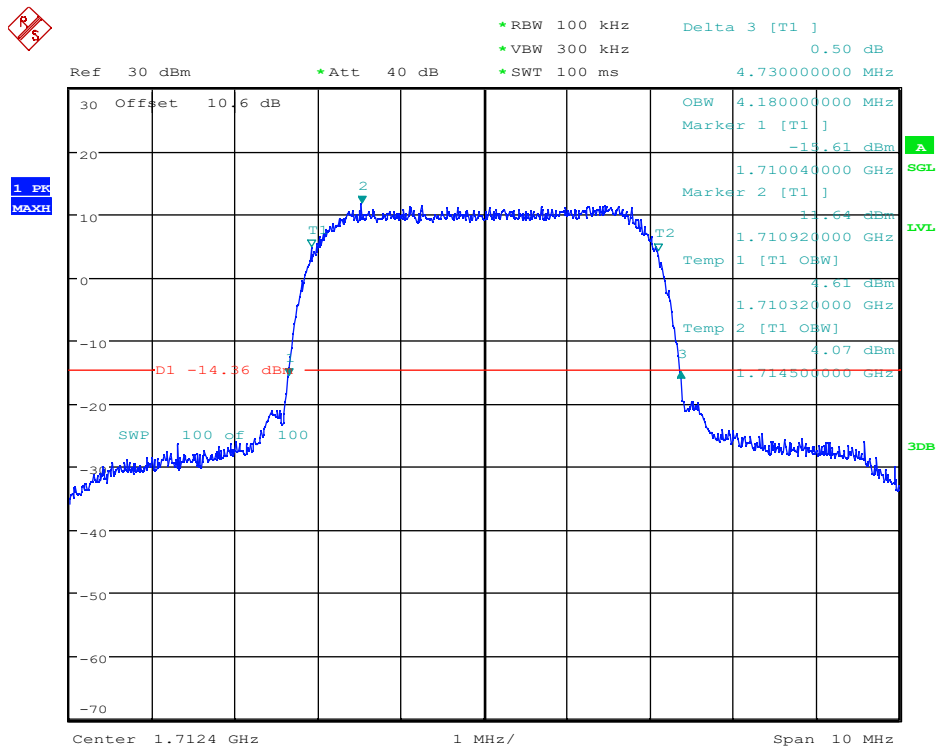
Band4-1312-2-PASS



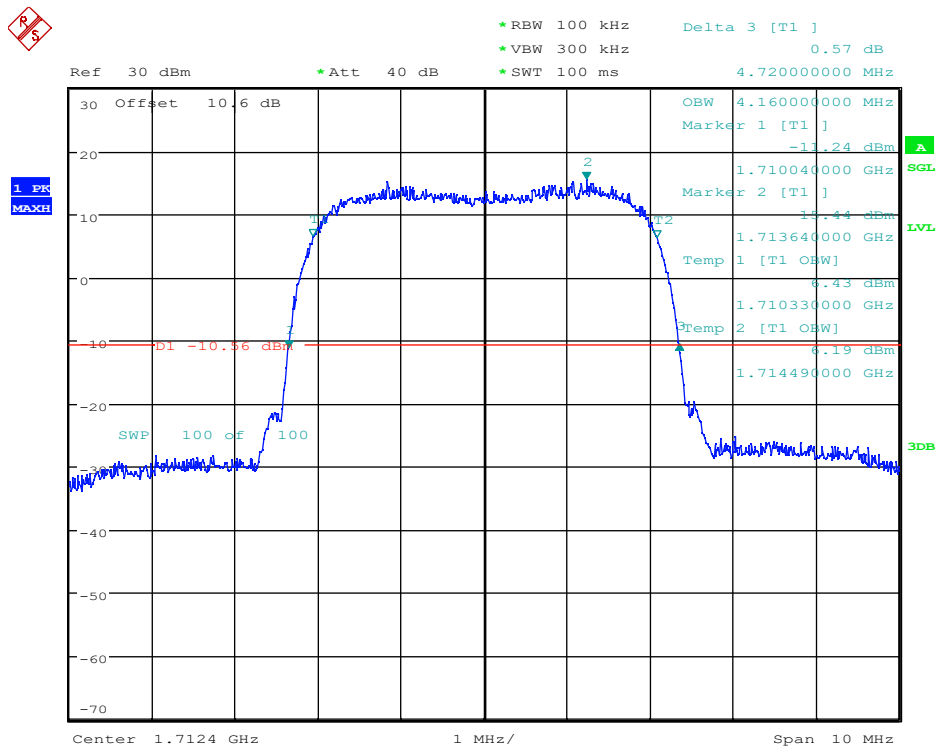
Date: 21.FEB.2025 02:45:16

Band4-1312-3-PASS



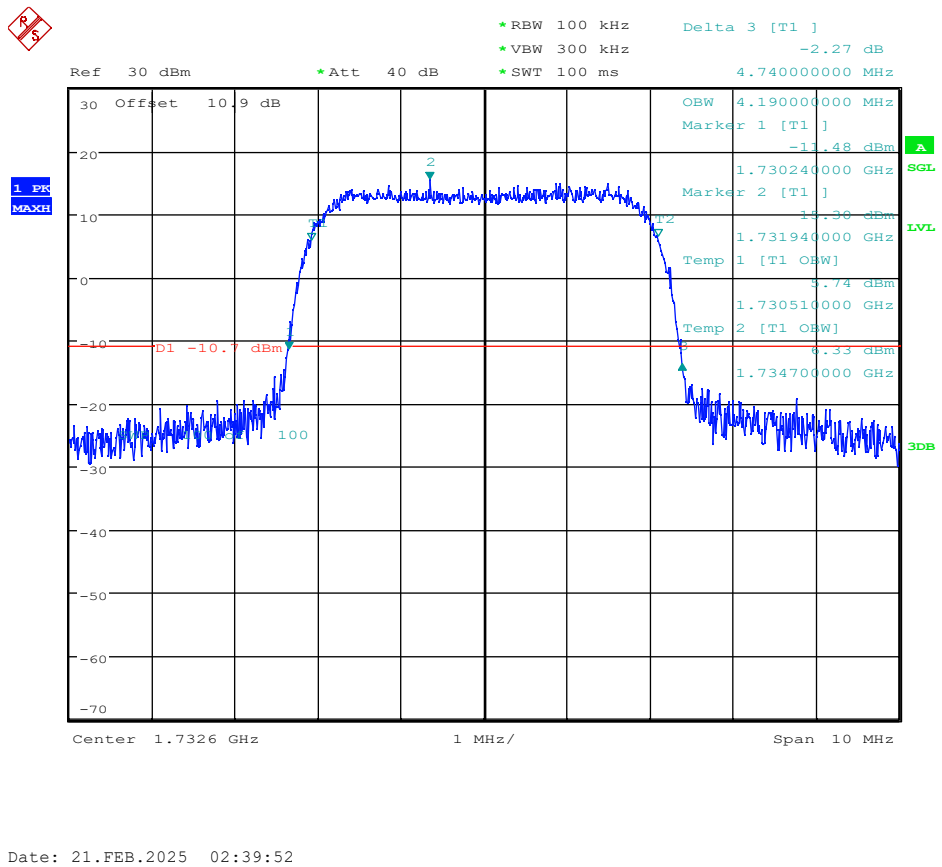
Date: 21.FEB.2025 02:48:36

Band4-1312-4-PASS



Date: 21.FEB.2025 02:52:02

Band4-1312-5-PASS



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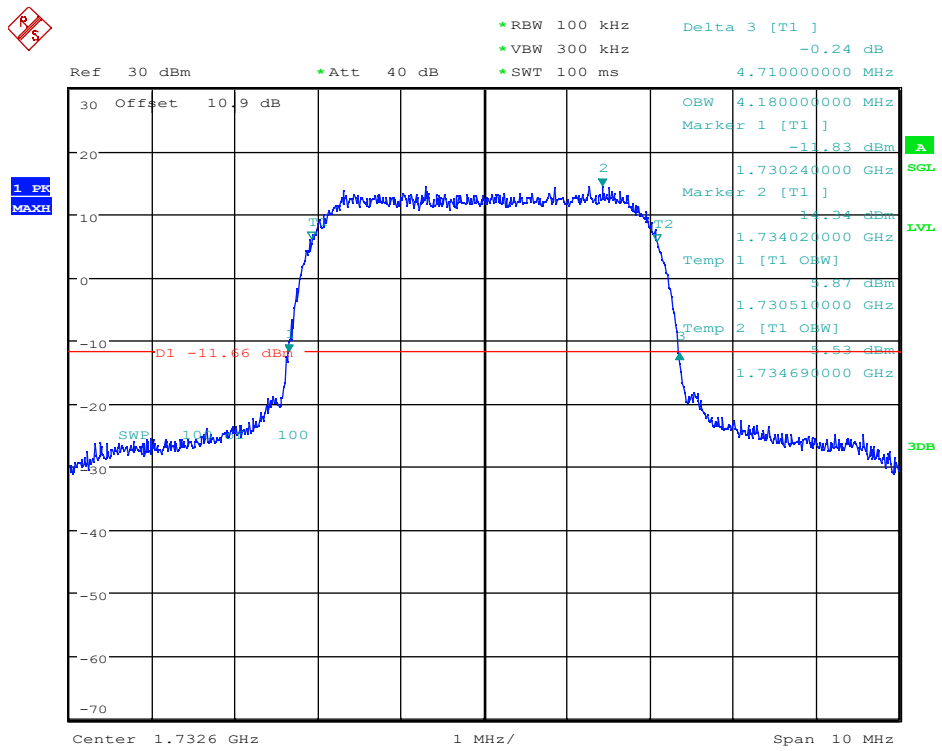
Band4-1413-1-PASS



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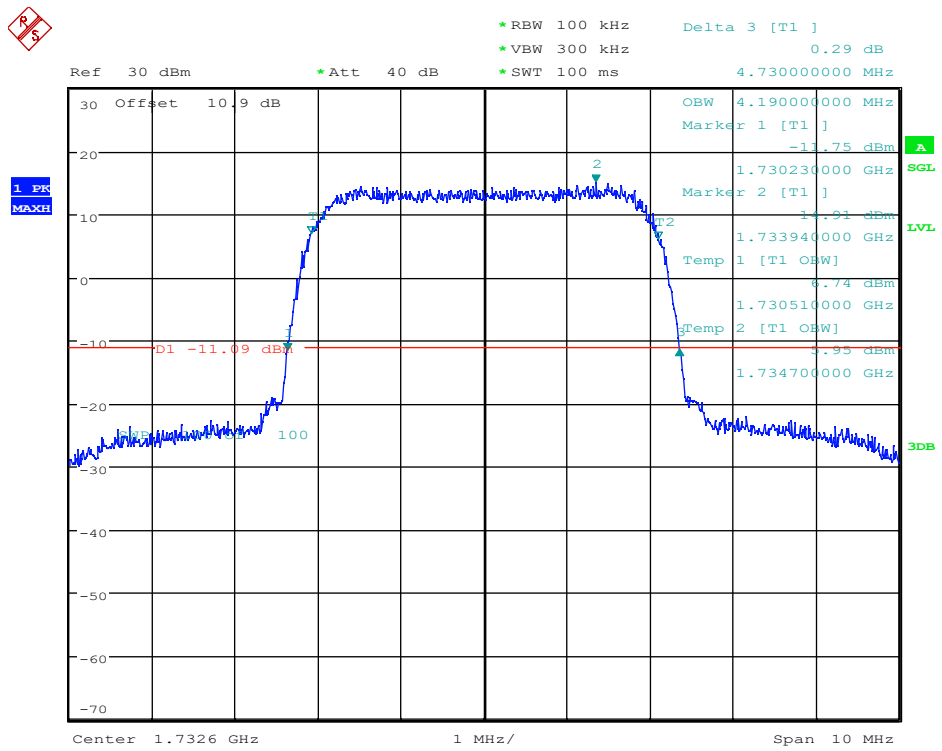
Band4-1413-2-PASS



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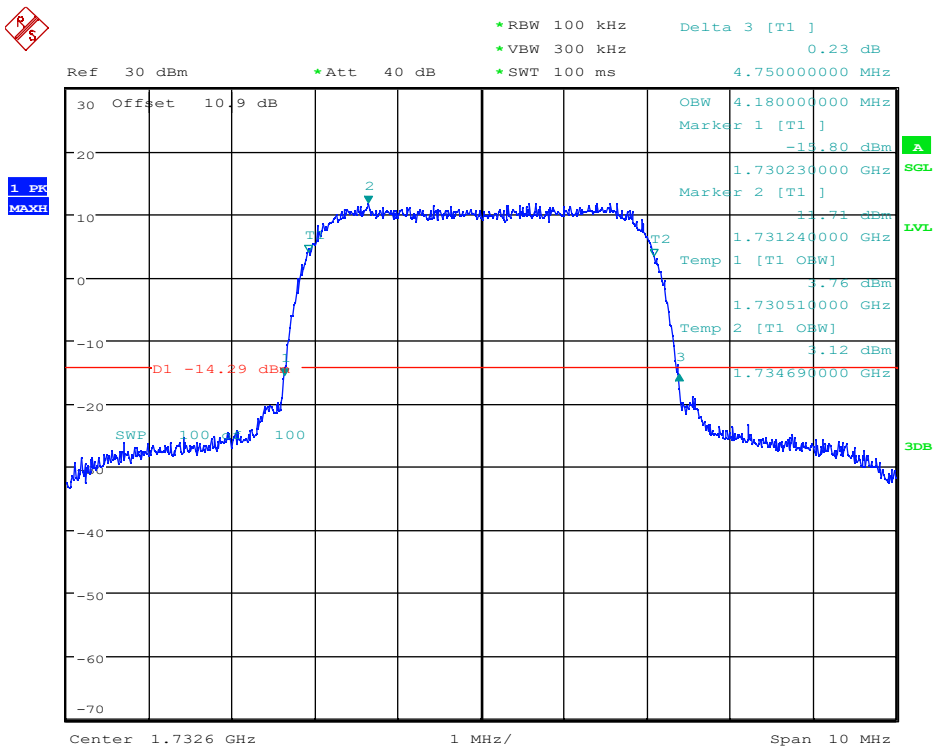
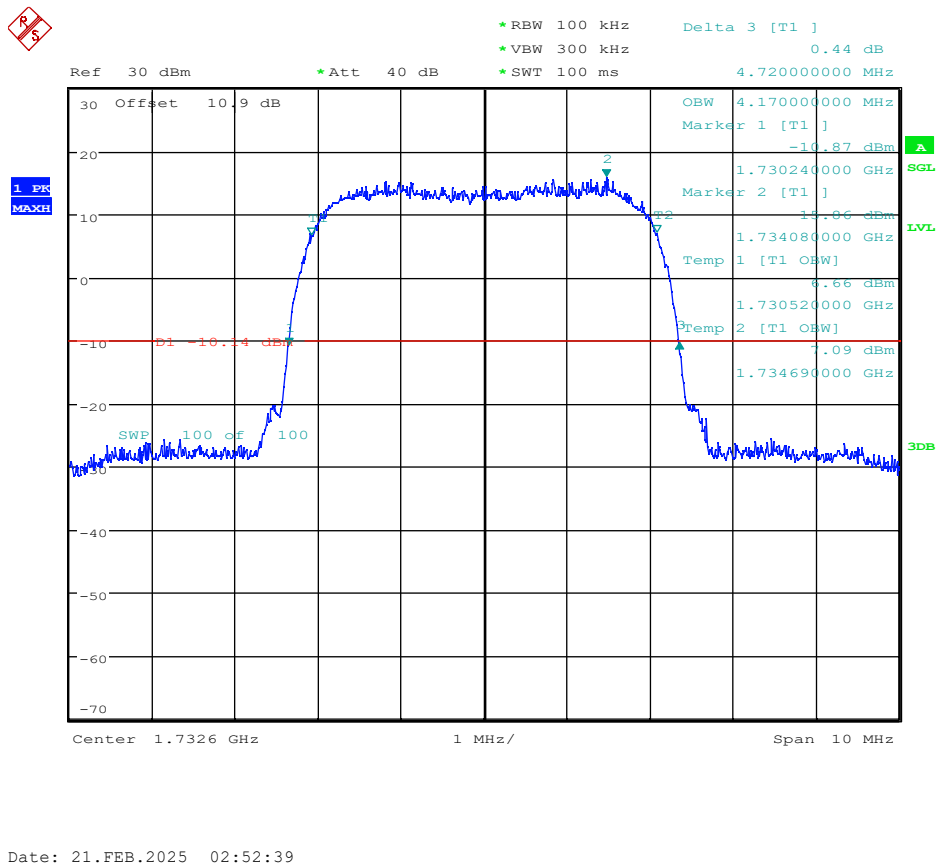
Band4-1413-3-PASS



Date: 21.FEB.2025 02:49:53

Band4-1413-4-PASS



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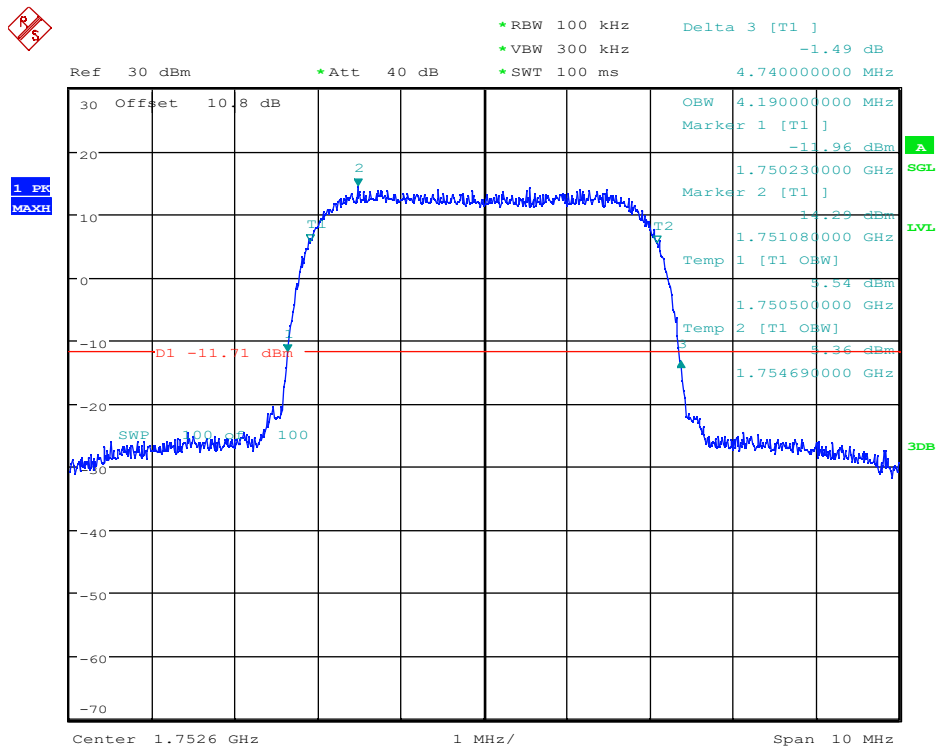
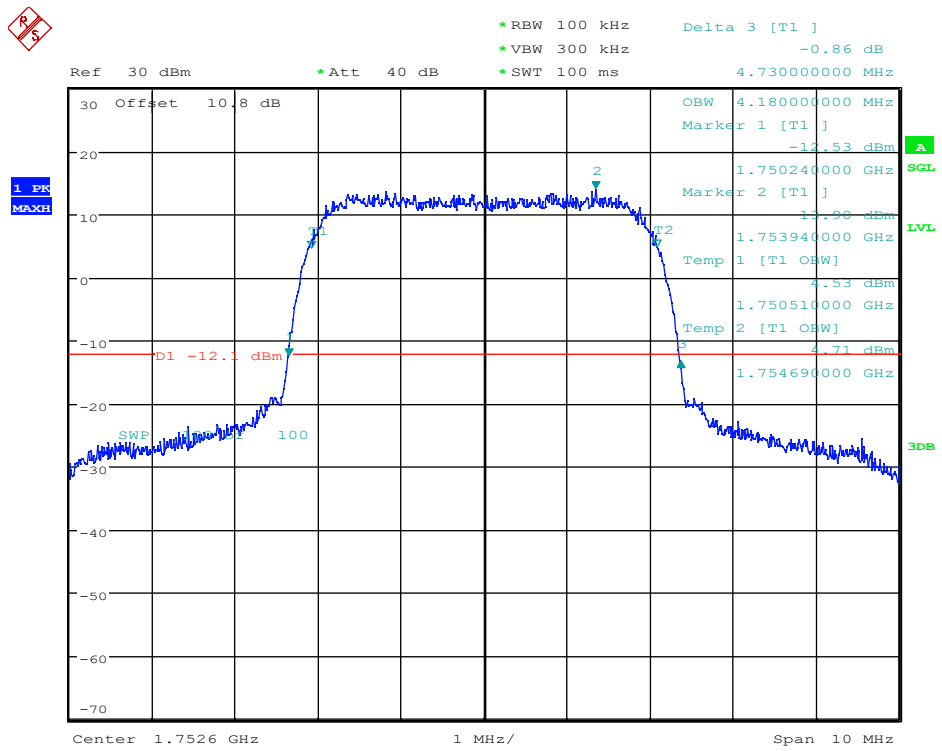
Band4-1413-5-PASS



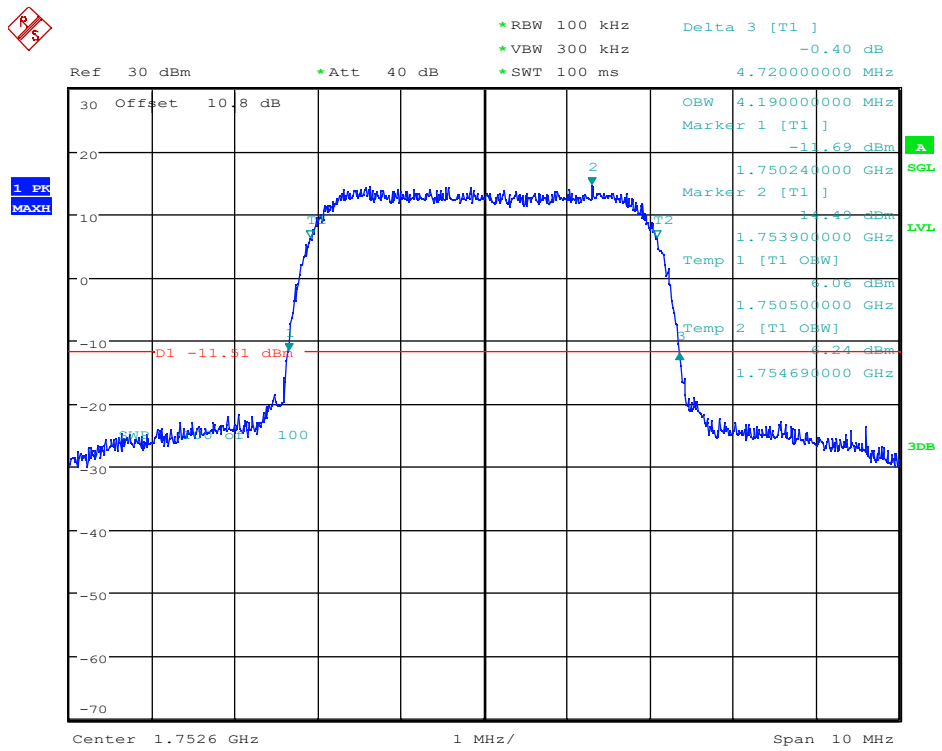
Date: 21.FEB.2025 02:41:05

Band4-1513-1-PASS



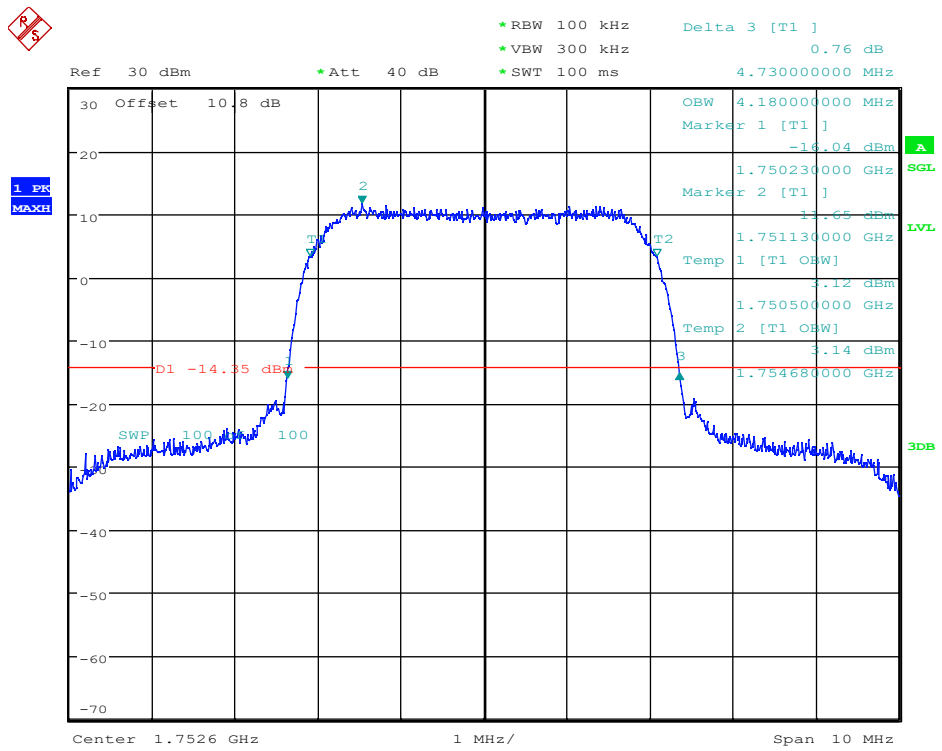
Date: 21.FEB.2025 02:44:24

Band4-1513-2-PASS



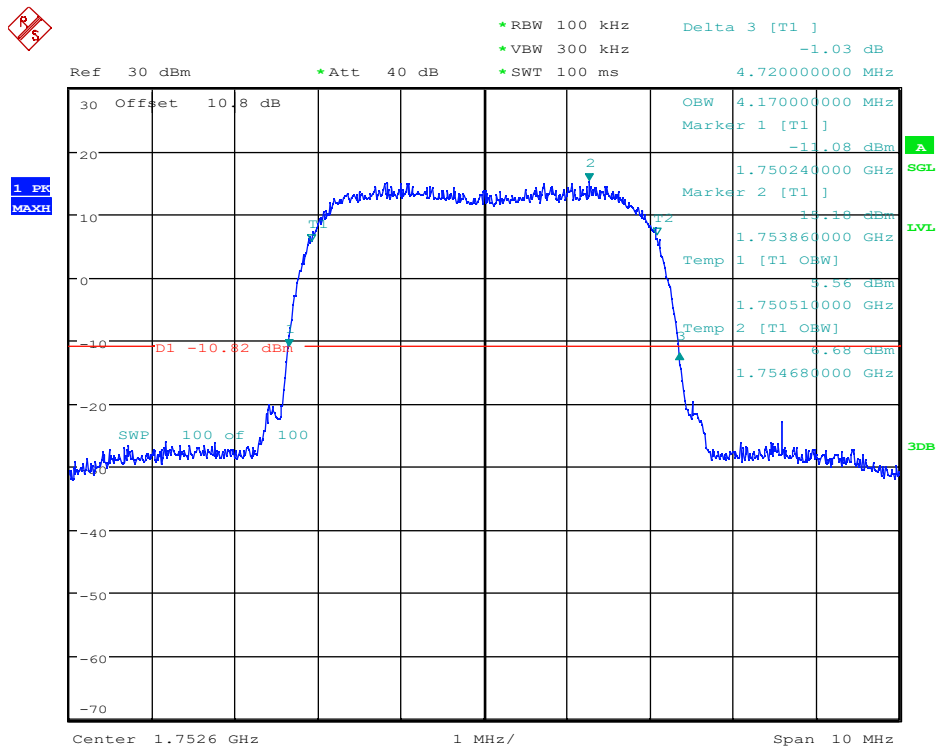
Date: 21.FEB.2025 02:47:43

Band4-1513-3-PASS



Date: 21.FEB.2025 02:51:07

Band4-1513-4-PASS



Date: 21.FEB.2025 02:53:15

Band4-1513-5-PASS

AppendixD:Band Edge

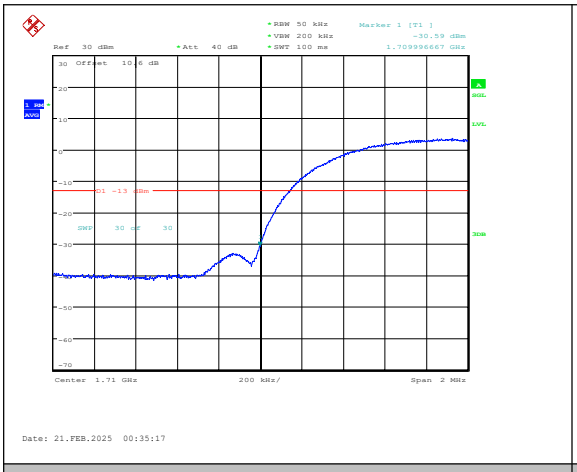
Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-30.59	-13	PASS
Band4	1513	1755.00	-30.15	-13	PASS

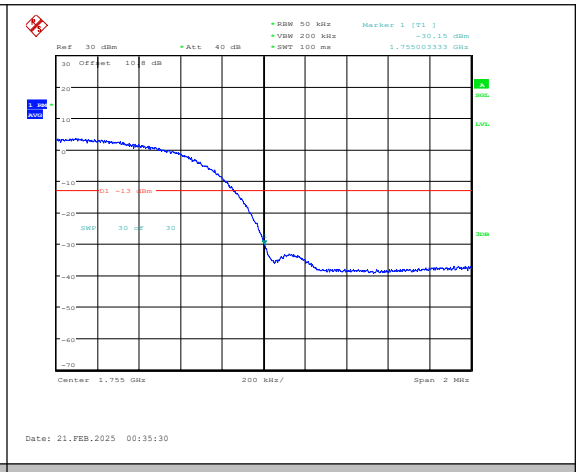
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-31.62	-13	PASS
Band4	1312	2	1709.87	-30.80	-13	PASS
Band4	1312	3	1709.88	-29.58	-13	PASS
Band4	1312	4	1709.87	-29.52	-13	PASS
Band4	1513	1	1755.00	-31.46	-13	PASS
Band4	1513	2	1755.11	-30.60	-13	PASS
Band4	1513	3	1755.12	-29.36	-13	PASS
Band4	1513	4	1755.09	-29.02	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1710.00	-33.90	-13	PASS
Band4	1312	2	1709.88	-31.08	-13	PASS
Band4	1312	3	1709.84	-31.94	-13	PASS
Band4	1312	4	1709.88	-32.62	-13	PASS
Band4	1312	5	1710.00	-33.16	-13	PASS
Band4	1513	1	1755.00	-33.13	-13	PASS
Band4	1513	2	1755.12	-30.49	-13	PASS
Band4	1513	3	1755.12	-31.25	-13	PASS
Band4	1513	4	1755.12	-31.50	-13	PASS
Band4	1513	5	1755.13	-32.55	-13	PASS

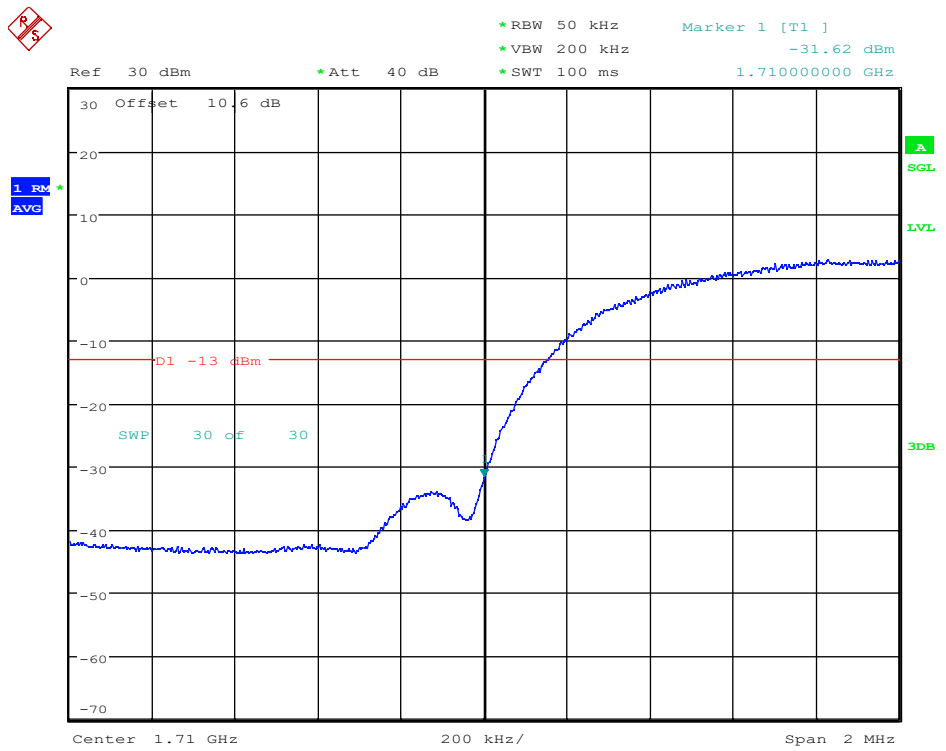
Test Graphs



Band4-1312-PASS



Band4-1513-PASS



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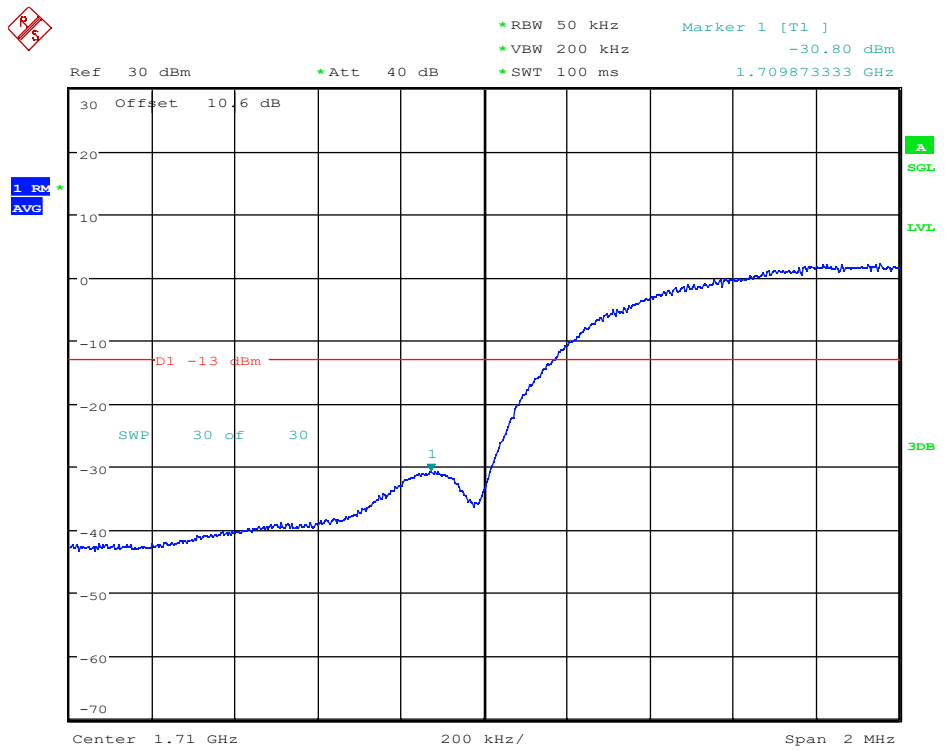
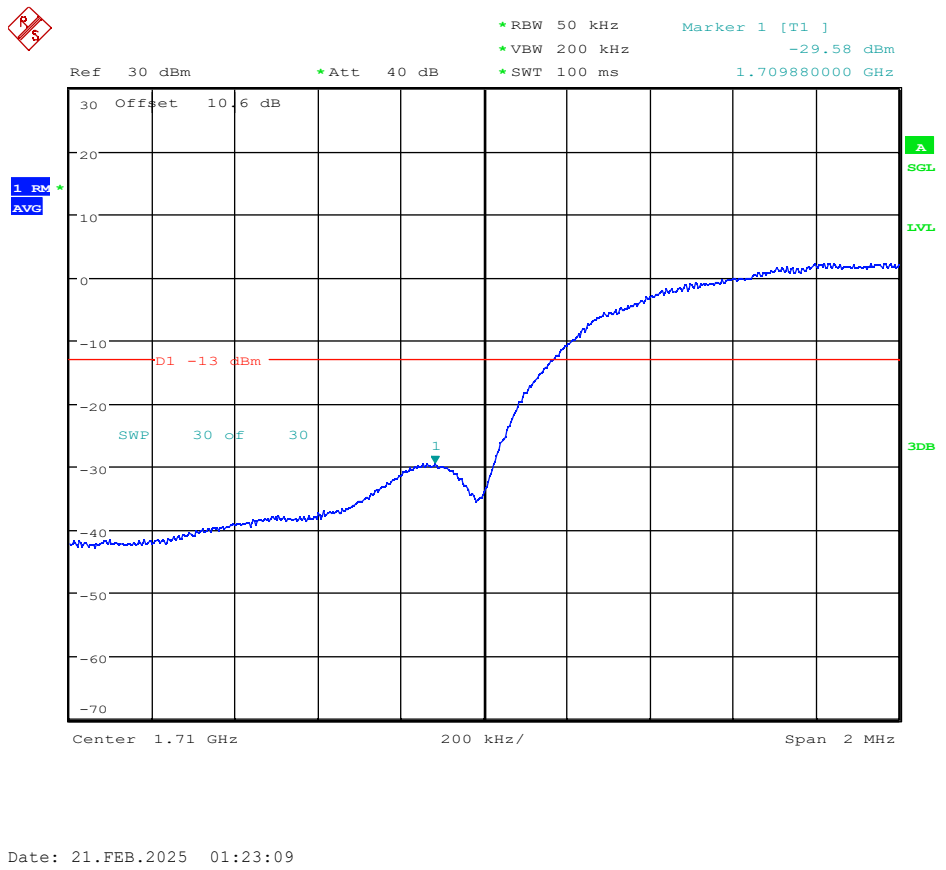
Band4-1312-1-PASS

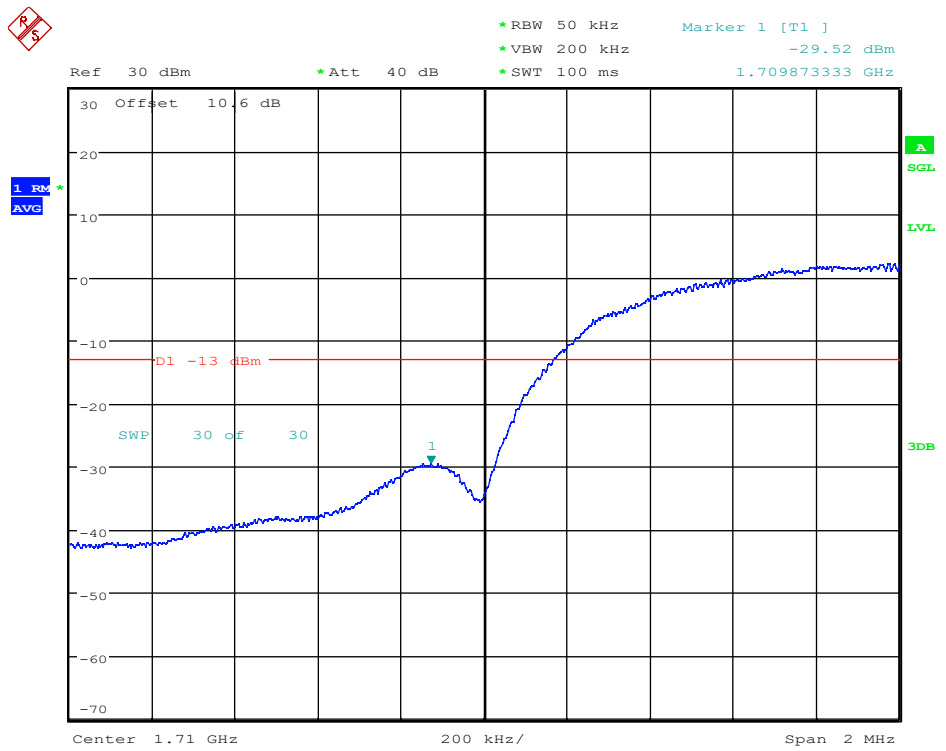


Date: 21.FEB.2025 01:22:18

Band4-1312-2-PASS

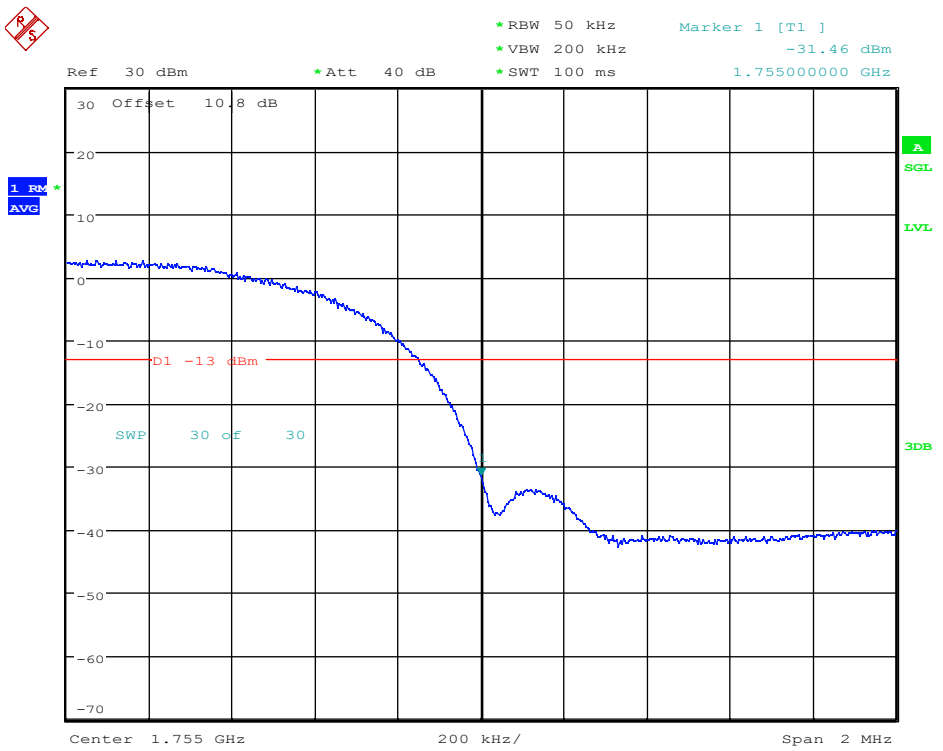


Band4-1312-3-PASS



Date: 21.FEB.2025 01:24:00

Band4-1312-4-PASS



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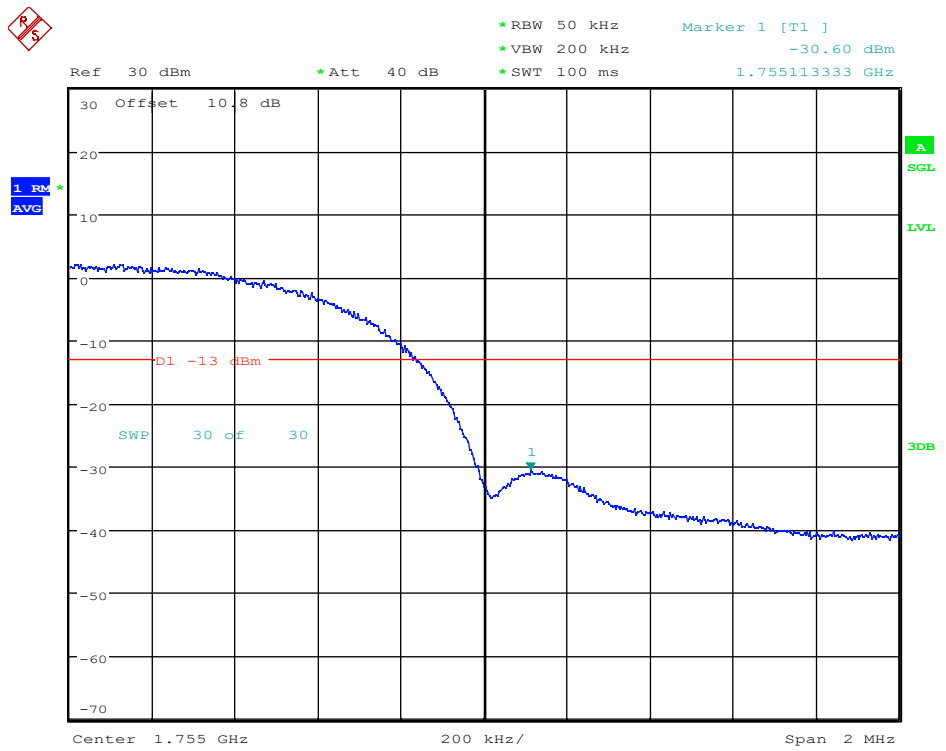
Band4-1513-1-PASS



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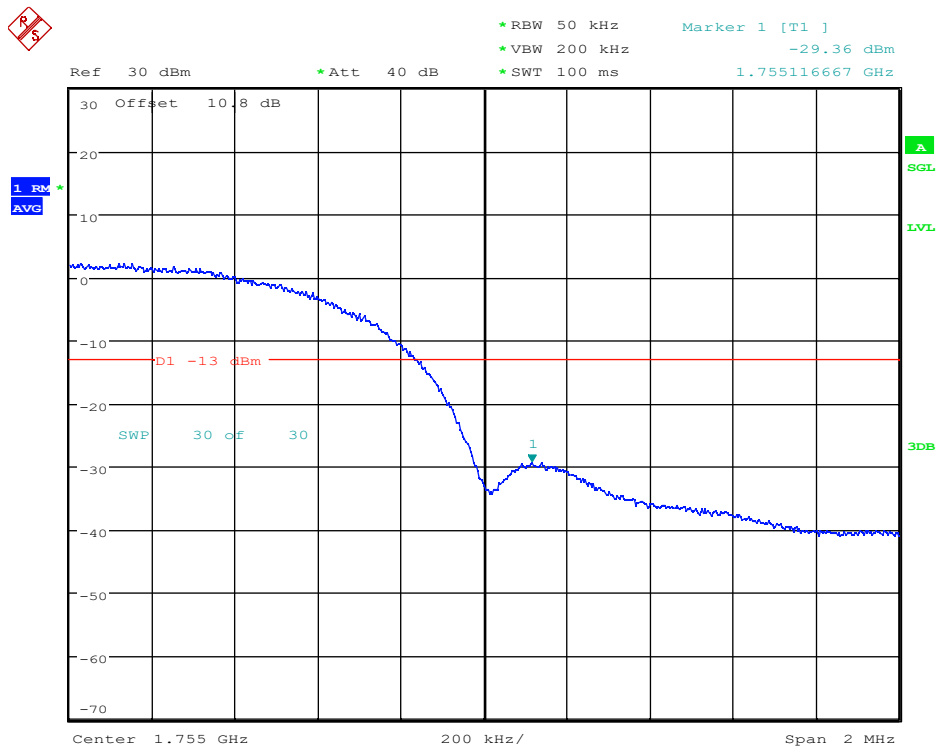
Band4-1513-2-PASS



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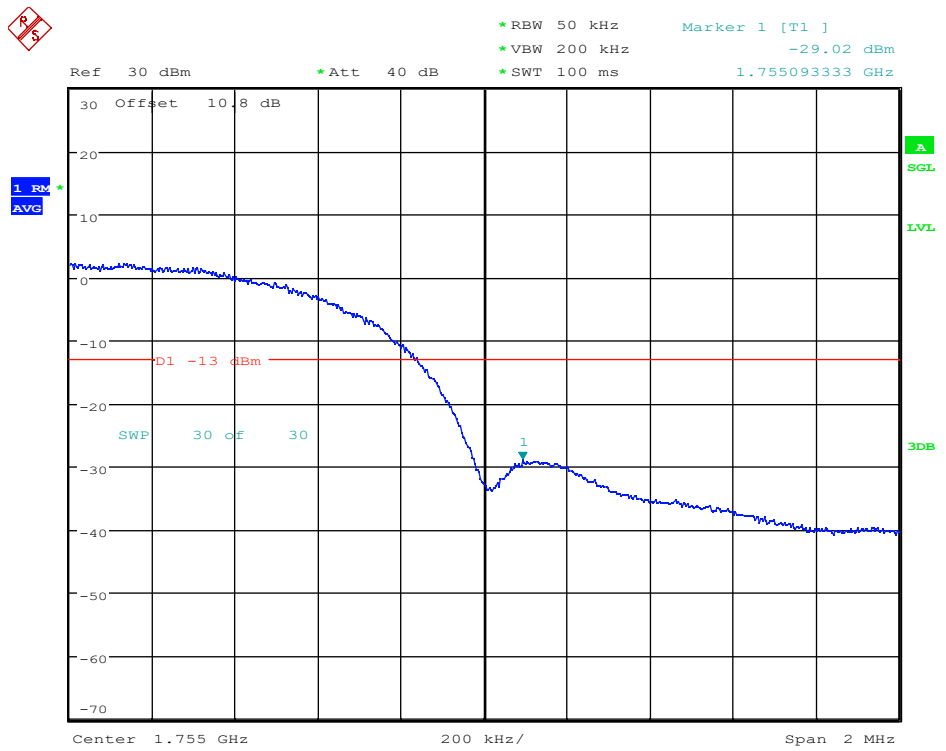
Band4-1513-3-PASS



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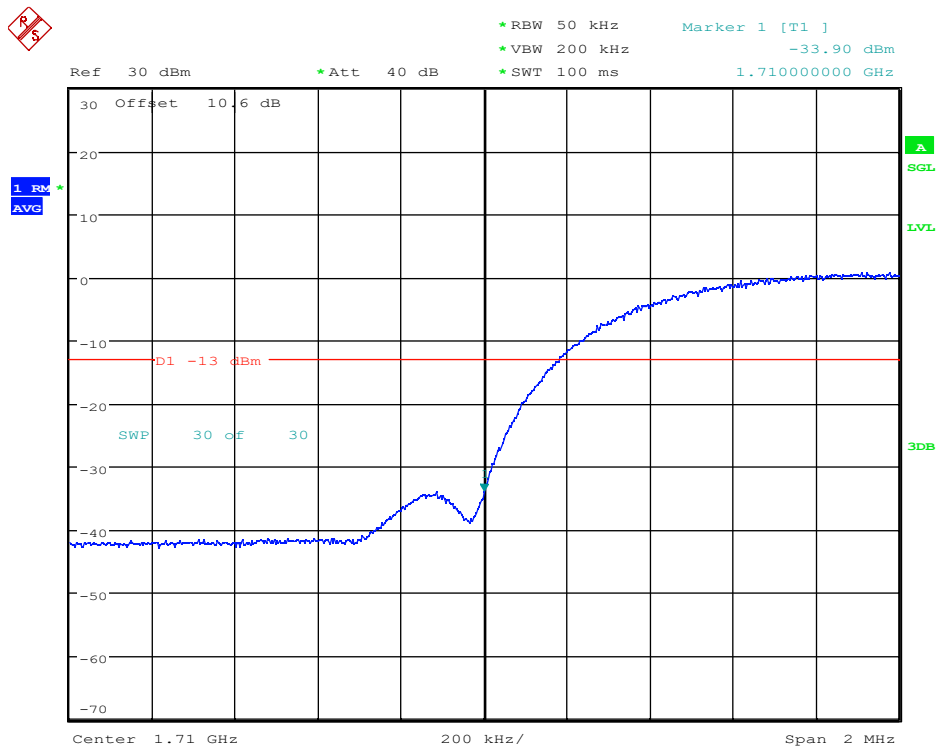
Band4-1513-4-PASS



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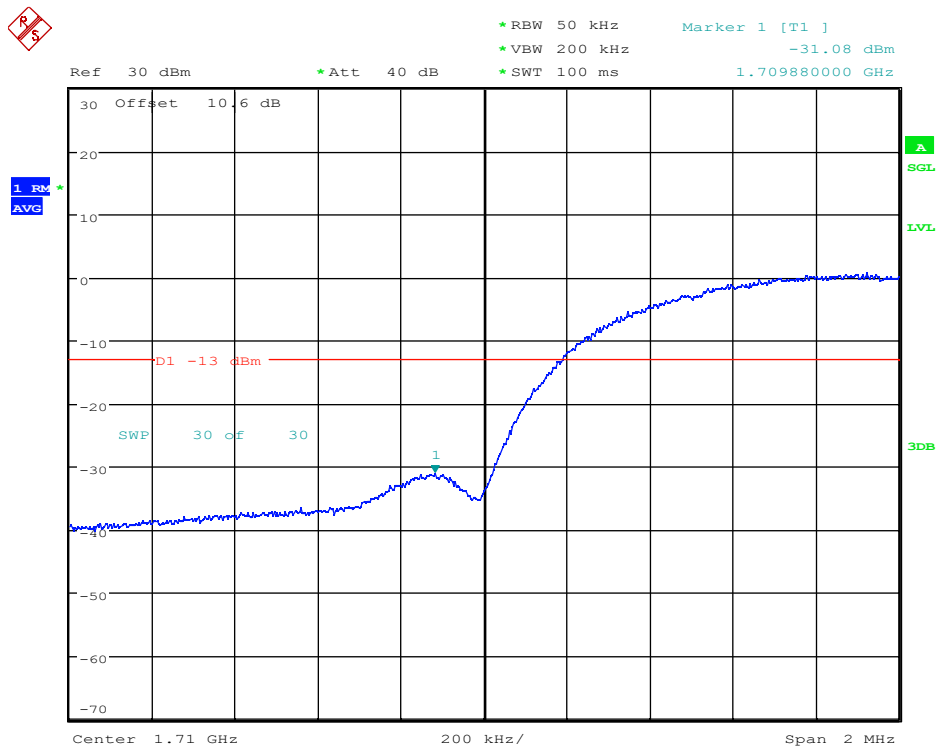
Band4-1312-1-PASS



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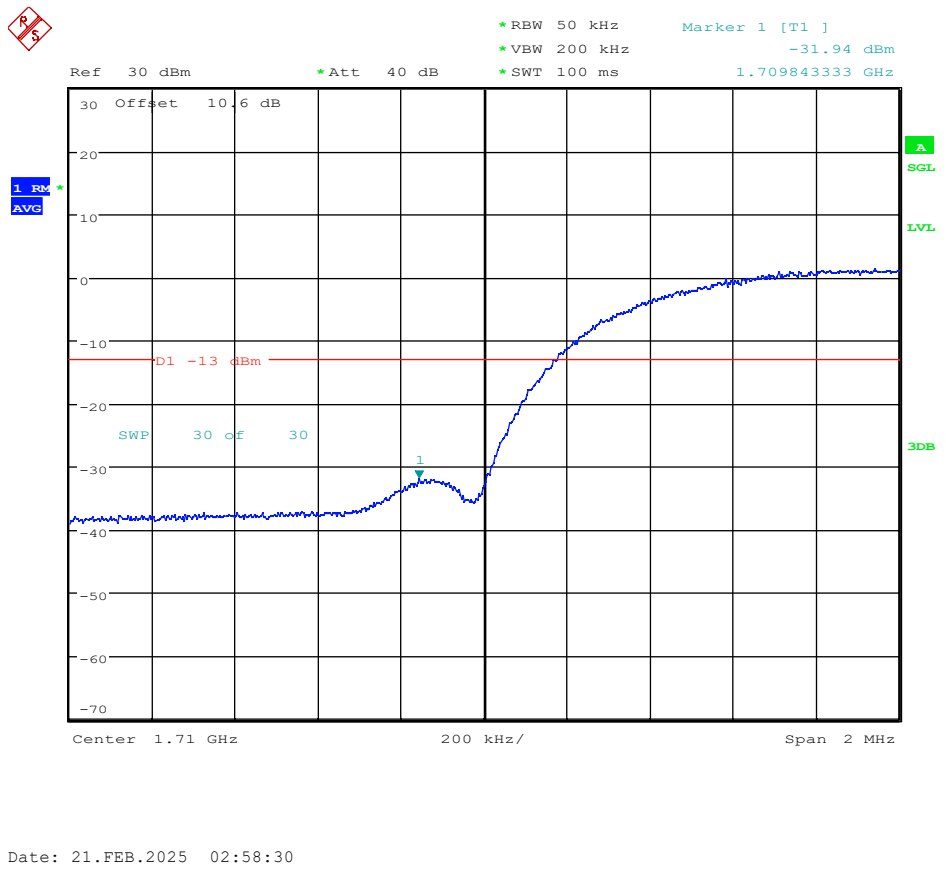
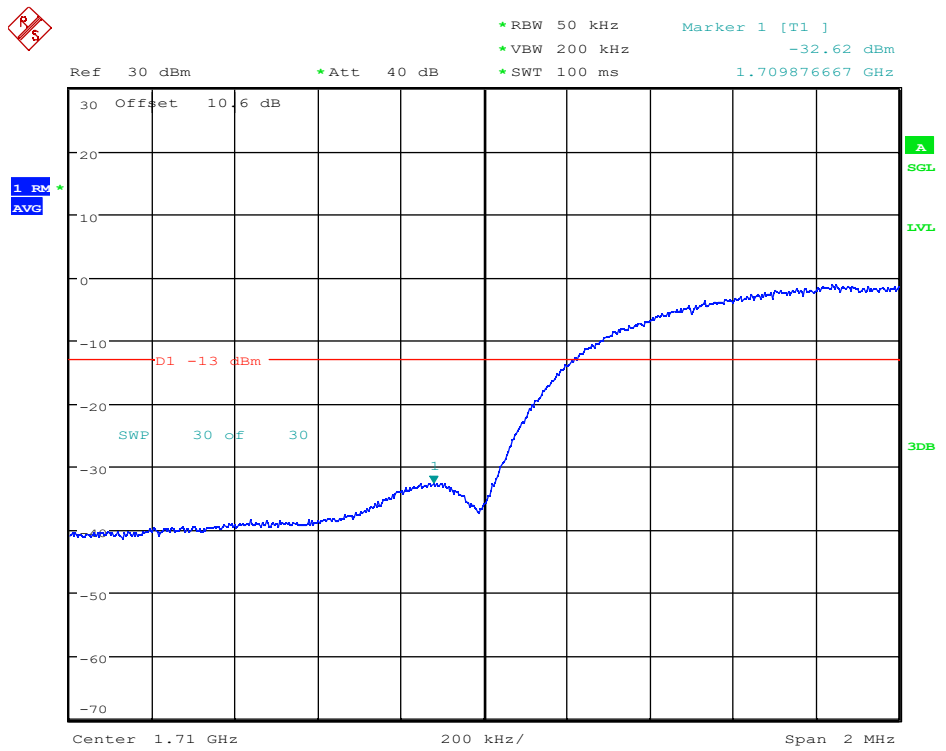
Band4-1312-2-PASS



Band4-1312-3-PASS



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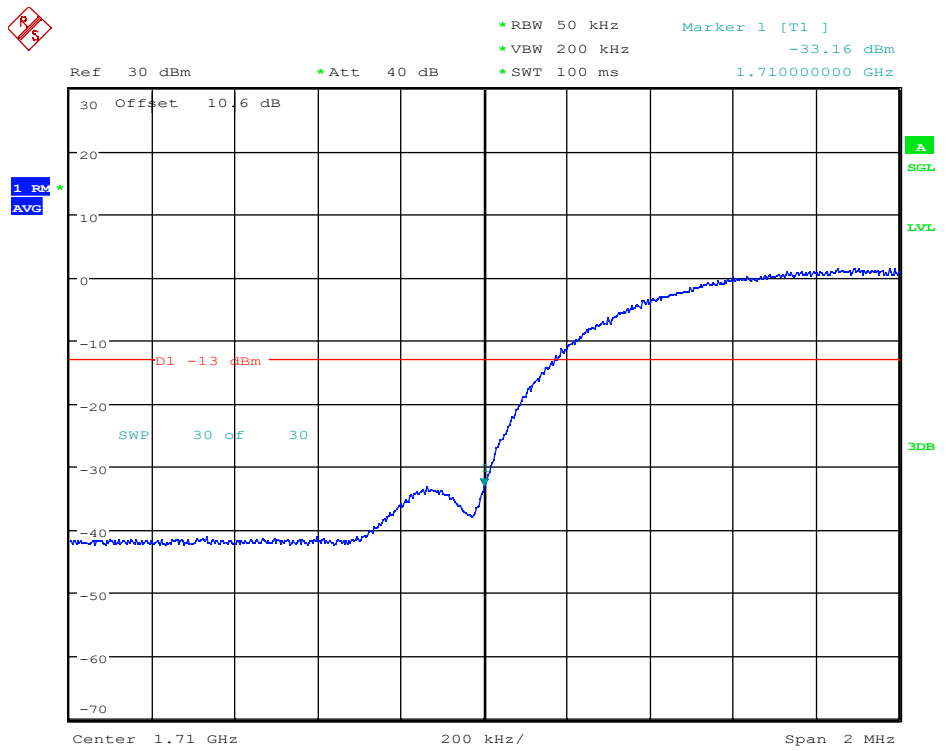
Band4-1312-4-PASS



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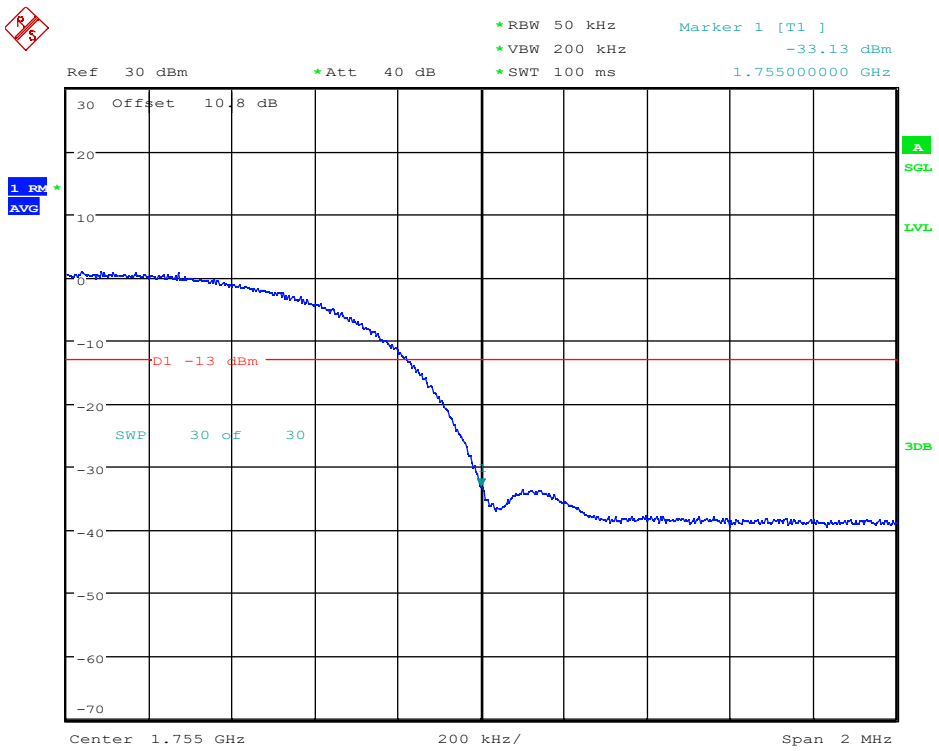
Band4-1312-5-PASS



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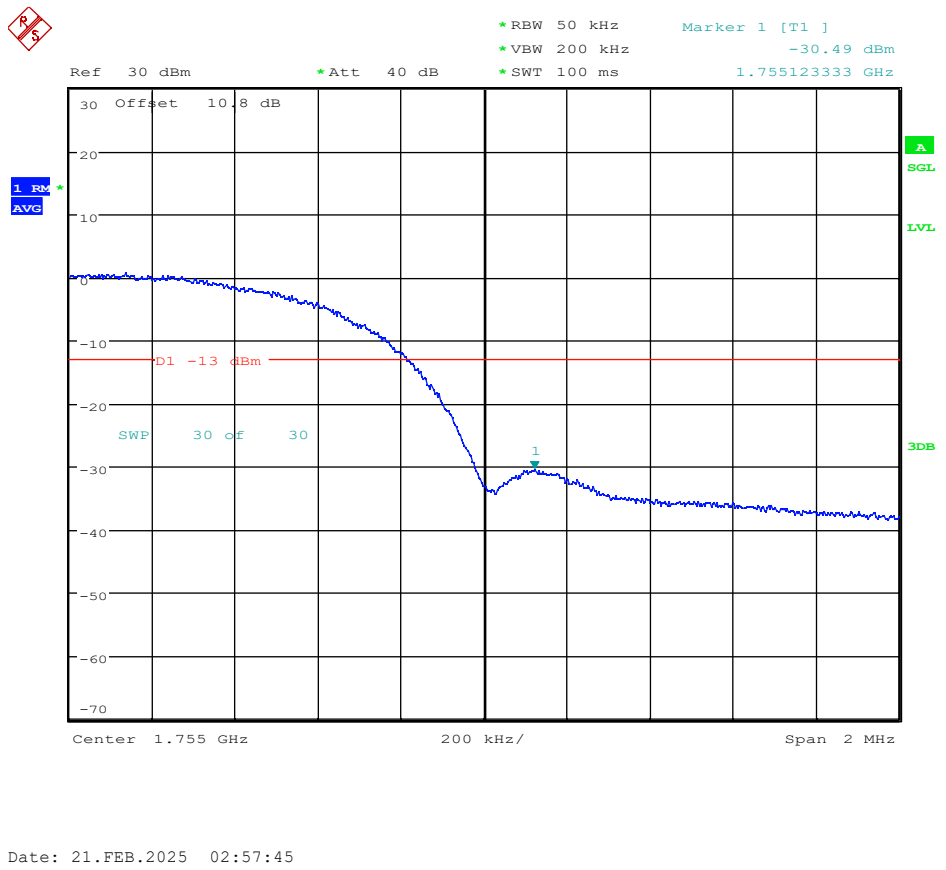
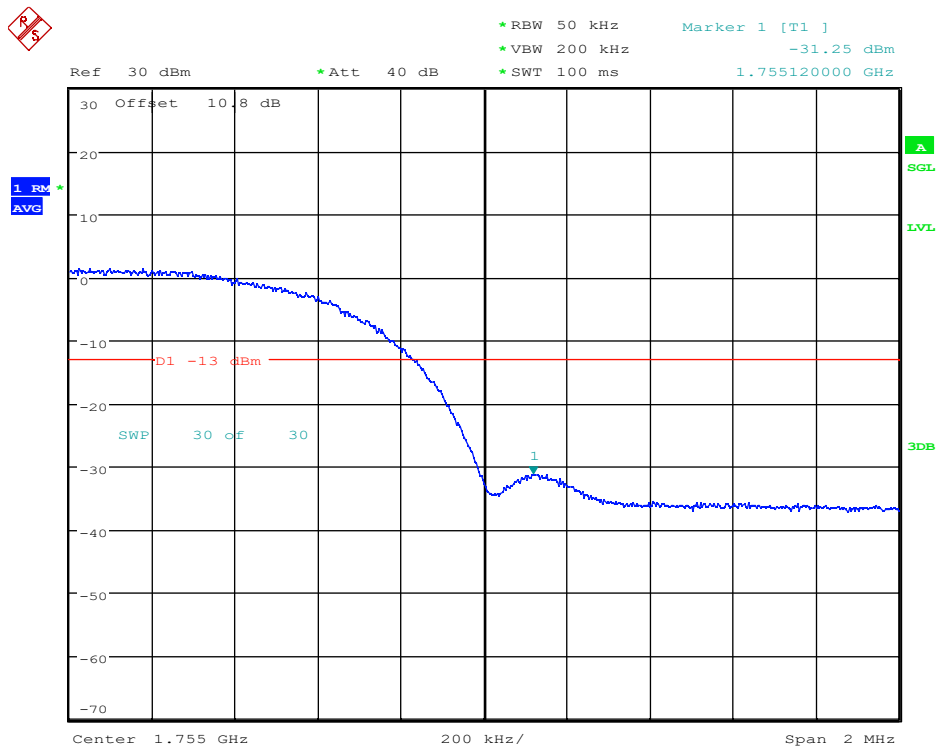
Band4-1513-1-PASS



Band4-1513-2-PASS



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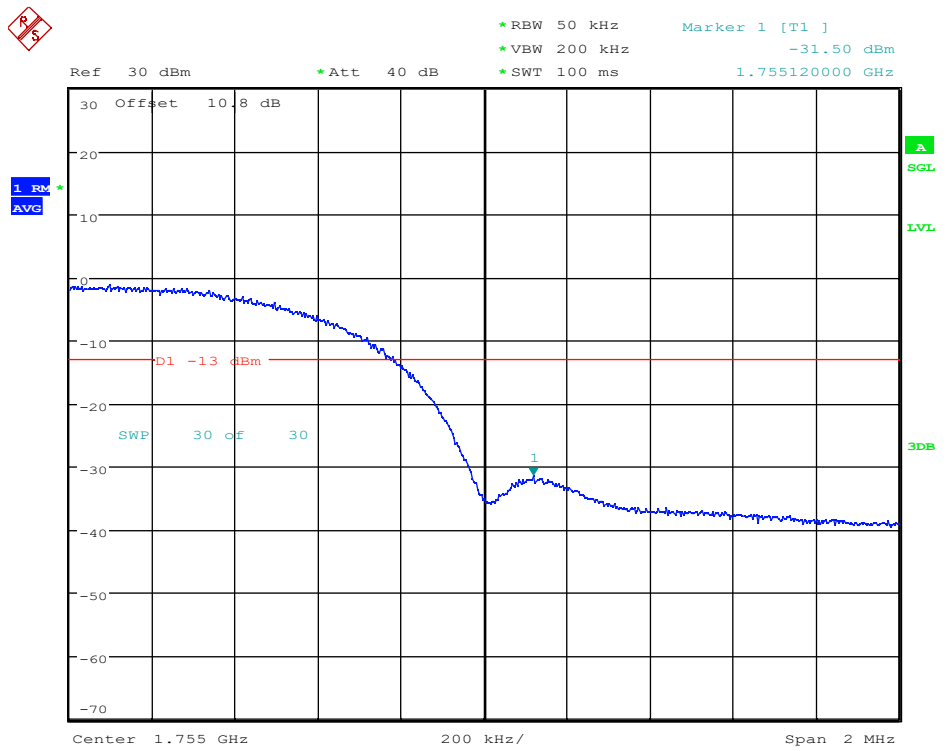
Band4-1513-3-PASS



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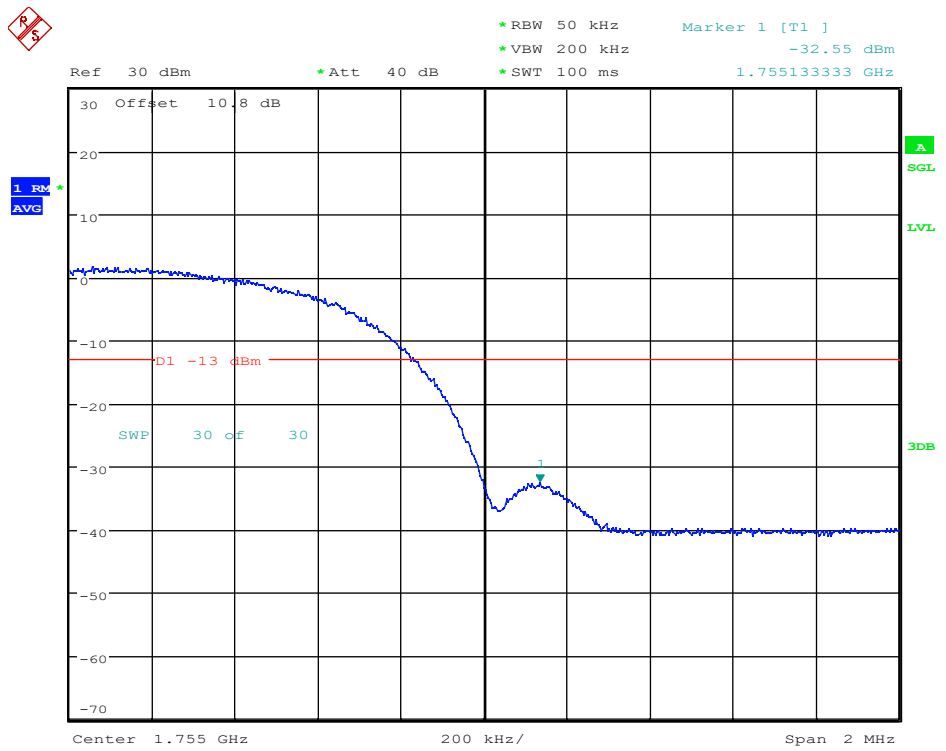
Band4-1513-4-PASS



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Band4-1513-5-PASS

AppendixE:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.04	-48.08	-43	PASS
Band4	1312	0.15~30MHz	0.51	-43.37	-33	PASS
Band4	1312	30~1000MHz	198.3	-50.53	-13	PASS
Band4	1312	1000~20000MHz	3185	-43.72	-13	PASS
Band4	1413	0.009~0.15MHz	0.04	-48.3	-43	PASS
Band4	1413	0.15~30MHz	0.51	-40.91	-33	PASS
Band4	1413	30~1000MHz	202.18	-50.5	-13	PASS
Band4	1413	1000~20000MHz	3185	-43.75	-13	PASS
Band4	1513	0.009~0.15MHz	0.04	-47.37	-43	PASS
Band4	1513	0.15~30MHz	0.51	-41.68	-33	PASS
Band4	1513	30~1000MHz	30	-50.43	-13	PASS
Band4	1513	1000~20000MHz	2434.5	-41.93	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.04	-48.23	-43	PASS
Band4	1312	1	0.15~30MHz	0.51	-42.26	-33	PASS
Band4	1312	1	30~1000MHz	199.27	-50.57	-13	PASS
Band4	1312	1	1000~20000MHz	5132.5	-41.57	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.04	-48.09	-43	PASS
Band4	1312	2	0.15~30MHz	0.96	-35.26	-33	PASS
Band4	1312	2	30~1000MHz	199.27	-50.53	-13	PASS
Band4	1312	2	1000~20000MHz	3422.5	-43.13	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.04	-48	-43	PASS
Band4	1312	3	0.15~30MHz	0.96	-35.4	-33	PASS
Band4	1312	3	30~1000MHz	201.21	-50.48	-13	PASS
Band4	1312	3	1000~20000MHz	5132.5	-42.13	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.04	-47.38	-43	PASS
Band4	1312	4	0.15~30MHz	0.96	-33.24	-33	PASS
Band4	1312	4	30~1000MHz	30.49	-50.48	-13	PASS
Band4	1312	4	1000~20000MHz	2434.5	-42.14	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.04	-47.81	-43	PASS
Band4	1413	1	0.15~30MHz	0.51	-45.33	-33	PASS
Band4	1413	1	30~1000MHz	204.12	-50.55	-13	PASS
Band4	1413	1	1000~20000MHz	3460.5	-42.87	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.04	-47.46	-43	PASS
Band4	1413	2	0.15~30MHz	0.96	-36.74	-33	PASS

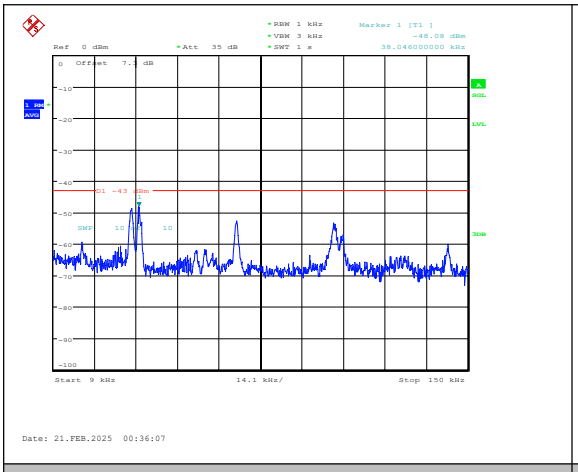
Band4	1413	2	30~1000MHz	198.78	-50.48	-13	PASS
Band4	1413	2	1000~20000MHz	3460.5	-42.8	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.04	-47.7	-43	PASS
Band4	1413	3	0.15~30MHz	0.96	-35.82	-33	PASS
Band4	1413	3	30~1000MHz	236.61	-50.53	-13	PASS
Band4	1413	3	1000~20000MHz	5199	-42.77	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.04	-47.36	-43	PASS
Band4	1413	4	0.15~30MHz	0.96	-34.37	-33	PASS
Band4	1413	4	30~1000MHz	30	-50.47	-13	PASS
Band4	1413	4	1000~20000MHz	3460.5	-42.81	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.04	-48.37	-43	PASS
Band4	1513	1	0.15~30MHz	0.51	-43.5	-33	PASS
Band4	1513	1	30~1000MHz	230.79	-50.54	-13	PASS
Band4	1513	1	1000~20000MHz	2434.5	-42.41	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.04	-48.01	-43	PASS
Band4	1513	2	0.15~30MHz	0.96	-36.96	-33	PASS
Band4	1513	2	30~1000MHz	200.24	-50.49	-13	PASS
Band4	1513	2	1000~20000MHz	3498.5	-43.42	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.04	-47.18	-43	PASS
Band4	1513	3	0.15~30MHz	0.96	-37.21	-33	PASS
Band4	1513	3	30~1000MHz	199.27	-50.5	-13	PASS
Band4	1513	3	1000~20000MHz	5256	-43.12	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.04	-47.61	-43	PASS
Band4	1513	4	0.15~30MHz	0.51	-41.52	-33	PASS
Band4	1513	4	30~1000MHz	200.24	-50.5	-13	PASS
Band4	1513	4	1000~20000MHz	3194.5	-44	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.009~0.15MHz	0.04	-47.48	-43	PASS
Band4	1312	1	0.15~30MHz	0.51	-43.37	-33	PASS
Band4	1312	1	30~1000MHz	202.66	-50.51	-13	PASS
Band4	1312	1	1000~20000MHz	5132.5	-42.43	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.04	-47.75	-43	PASS
Band4	1312	2	0.15~30MHz	0.54	-42.86	-33	PASS
Band4	1312	2	30~1000MHz	228.37	-50.56	-13	PASS
Band4	1312	2	1000~20000MHz	5132.5	-42.25	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.04	-47.31	-43	PASS
Band4	1312	3	0.15~30MHz	0.51	-40.32	-33	PASS
Band4	1312	3	30~1000MHz	199.27	-50.52	-13	PASS
Band4	1312	3	1000~20000MHz	5132.5	-41.32	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.04	-47.46	-43	PASS

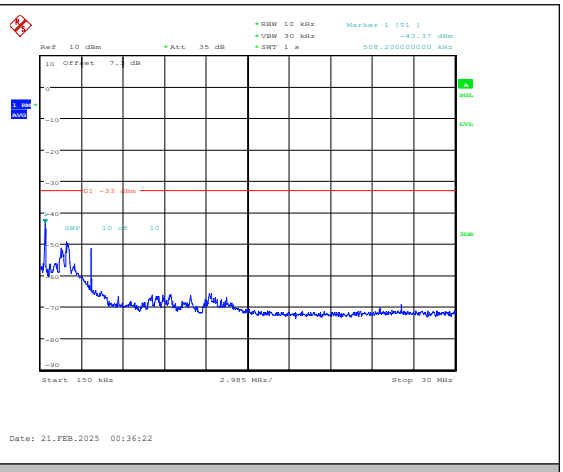
Band4	1312	4	0.15~30MHz	0.51	-42.19	-33	PASS
Band4	1312	4	30~1000MHz	30	-50.48	-13	PASS
Band4	1312	4	1000~20000MHz	3422.5	-43.65	-13	PASS
Band4	1312	5	0.009~0.15MHz	0.04	-47.85	-43	PASS
Band4	1312	5	0.15~30MHz	0.51	-41.86	-33	PASS
Band4	1312	5	30~1000MHz	237.1	-50.51	-13	PASS
Band4	1312	5	1000~20000MHz	5132.5	-41.9	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.04	-46.85	-43	PASS
Band4	1413	1	0.15~30MHz	0.51	-42.47	-33	PASS
Band4	1413	1	30~1000MHz	200.72	-50.48	-13	PASS
Band4	1413	1	1000~20000MHz	3460.5	-42.32	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.04	-48	-43	PASS
Band4	1413	2	0.15~30MHz	0.51	-41.05	-33	PASS
Band4	1413	2	30~1000MHz	200.72	-50.52	-13	PASS
Band4	1413	2	1000~20000MHz	2434.5	-41.98	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.04	-47.47	-43	PASS
Band4	1413	3	0.15~30MHz	0.51	-43.15	-33	PASS
Band4	1413	3	30~1000MHz	199.27	-50.49	-13	PASS
Band4	1413	3	1000~20000MHz	5199	-42.22	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.04	-47.55	-43	PASS
Band4	1413	4	0.15~30MHz	0.51	-41.98	-33	PASS
Band4	1413	4	30~1000MHz	30	-50.49	-13	PASS
Band4	1413	4	1000~20000MHz	3460.5	-43.56	-13	PASS
Band4	1413	5	0.009~0.15MHz	0.04	-47.77	-43	PASS
Band4	1413	5	0.15~30MHz	0.51	-40.29	-33	PASS
Band4	1413	5	30~1000MHz	30.49	-50.45	-13	PASS
Band4	1413	5	1000~20000MHz	3460.5	-42.49	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.04	-47.57	-43	PASS
Band4	1513	1	0.15~30MHz	0.51	-41.64	-33	PASS
Band4	1513	1	30~1000MHz	240.98	-50.52	-13	PASS
Band4	1513	1	1000~20000MHz	3498.5	-43.15	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.04	-47.48	-43	PASS
Band4	1513	2	0.15~30MHz	0.51	-42.16	-33	PASS
Band4	1513	2	30~1000MHz	237.1	-50.55	-13	PASS
Band4	1513	2	1000~20000MHz	3498.5	-43.3	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.04	-47.98	-43	PASS
Band4	1513	3	0.15~30MHz	0.51	-41.53	-33	PASS
Band4	1513	3	30~1000MHz	238.55	-50.53	-13	PASS
Band4	1513	3	1000~20000MHz	3498.5	-43	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.04	-47.04	-43	PASS
Band4	1513	4	0.15~30MHz	0.51	-41.55	-33	PASS
Band4	1513	4	30~1000MHz	236.61	-50.53	-13	PASS
Band4	1513	4	1000~20000MHz	3498.5	-43.93	-13	PASS

Band4	1513	5	0.009~0.15MHz	0.04	-47.5	-43	PASS
Band4	1513	5	0.15~30MHz	0.51	-41.4	-33	PASS
Band4	1513	5	30~1000MHz	200.24	-50.45	-13	PASS
Band4	1513	5	1000~20000MHz	2434.5	-43.15	-13	PASS

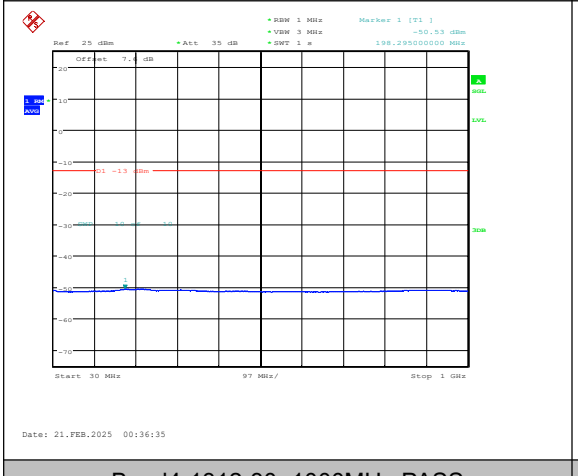
Test Graphs



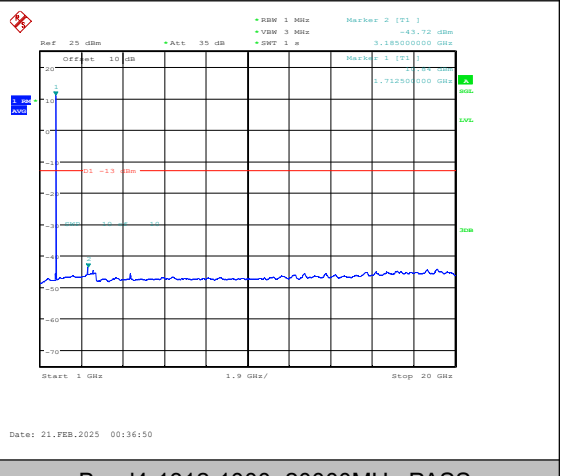
Band4-1312-0.009~0.15MHz-PASS



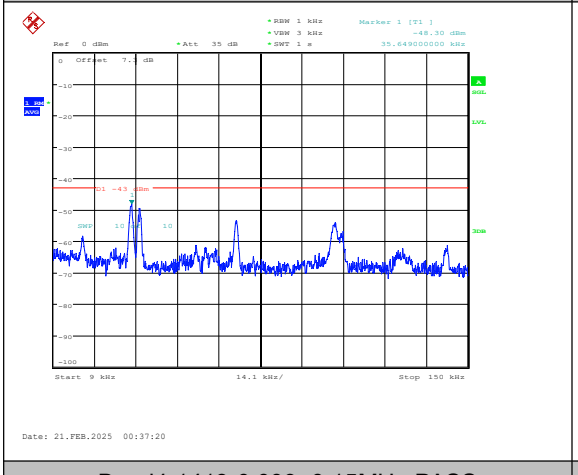
Band4-1312-0.15~30MHz-PASS



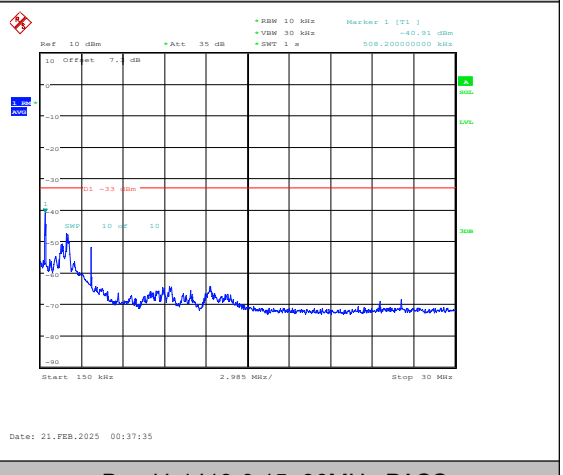
Band4-1312-30~1000MHz-PASS



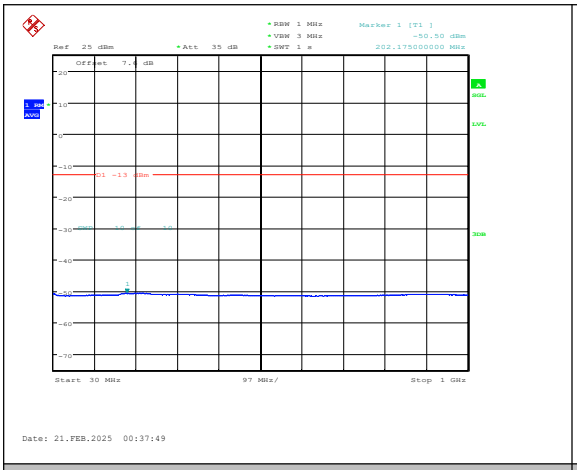
Band4-1312-1000~20000MHz-PASS



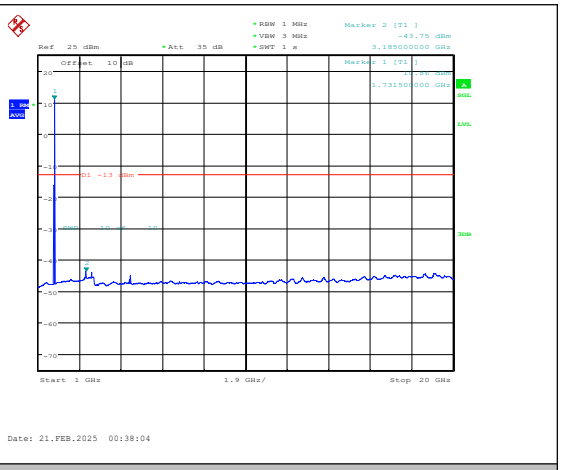
Band4-1413-0.009~0.15MHz-PASS



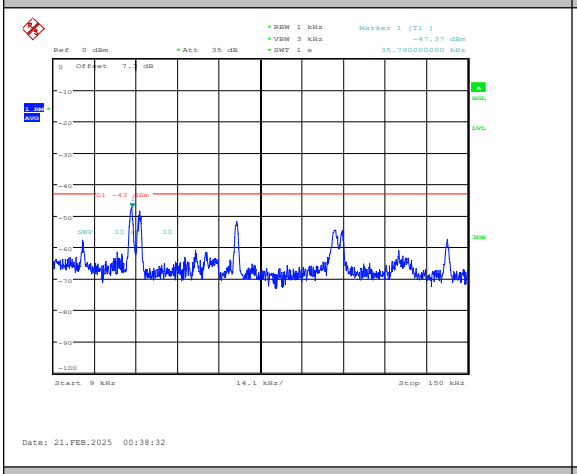
Band4-1413-0.15~30MHz-PASS



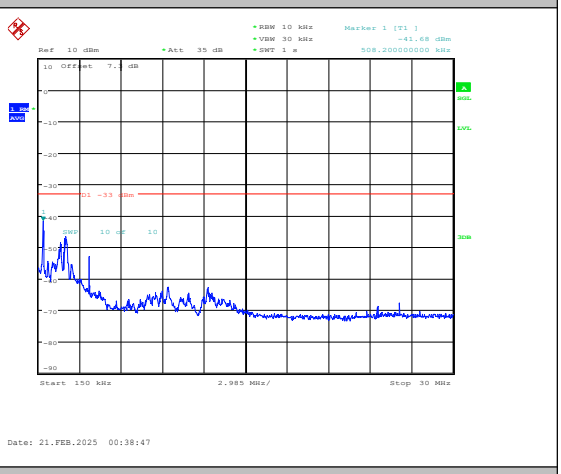
Band4-1413-30~1000MHz-PASS



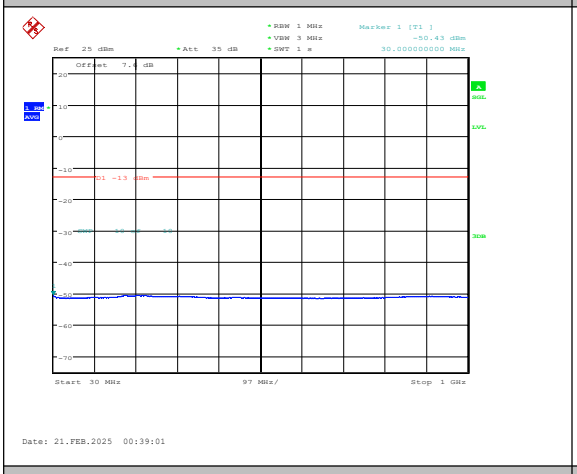
Band4-1413-1000~20000MHz-PASS



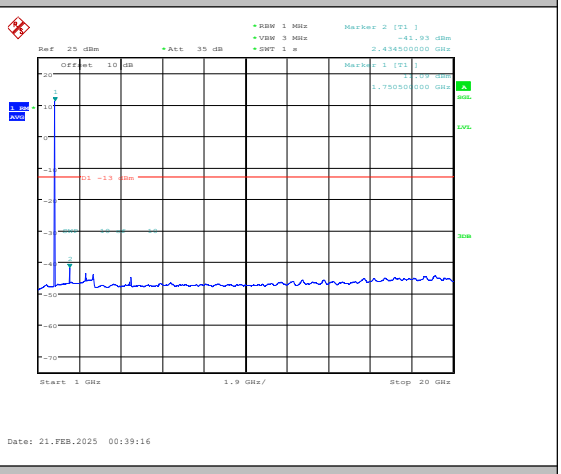
Band4-1513-0.009~0.15MHz-PASS



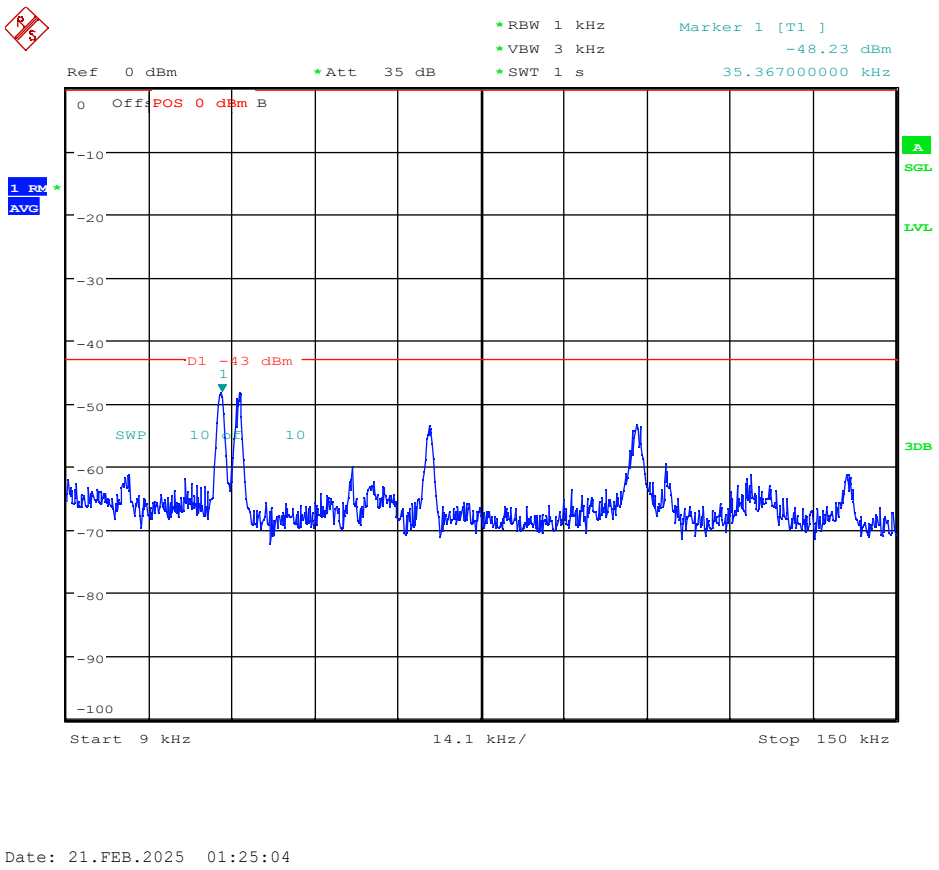
Band4-1513-0.15~30MHz-PASS



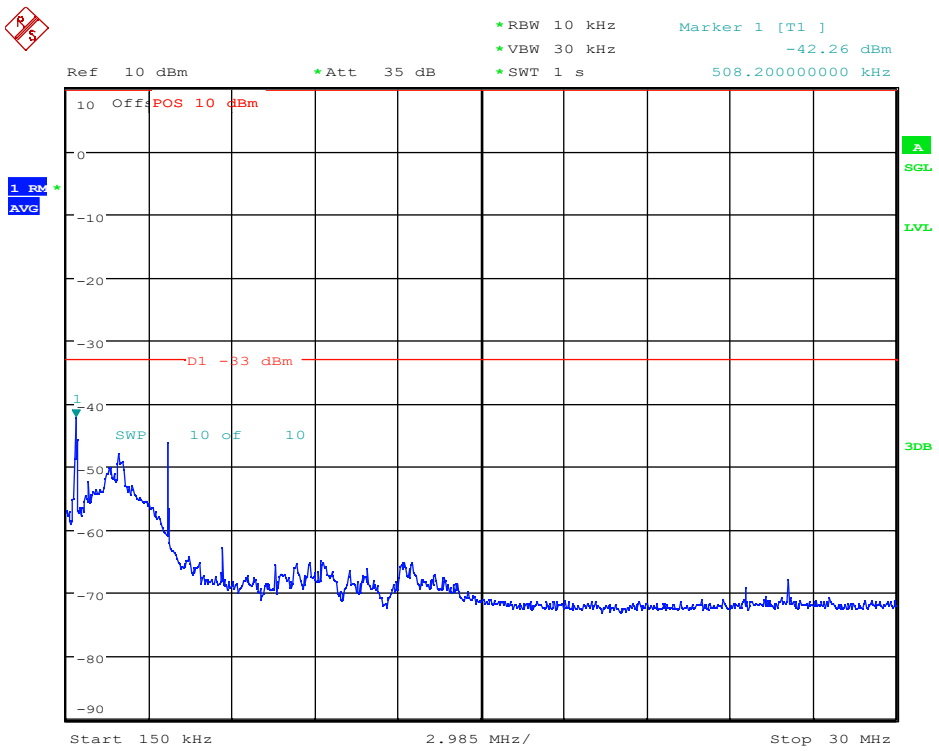
Band4-1513-30~1000MHz-PASS



Band4-1513-1000~20000MHz-PASS



Band4-1312-1-0.009~0.15MHz-PASS



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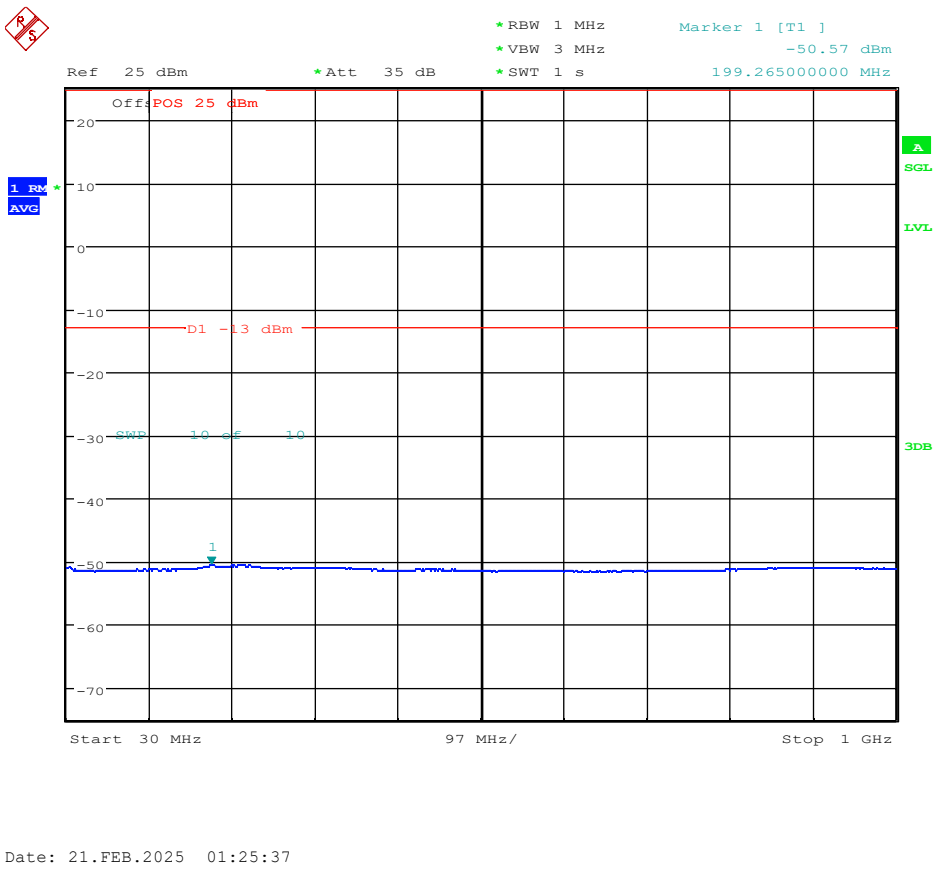
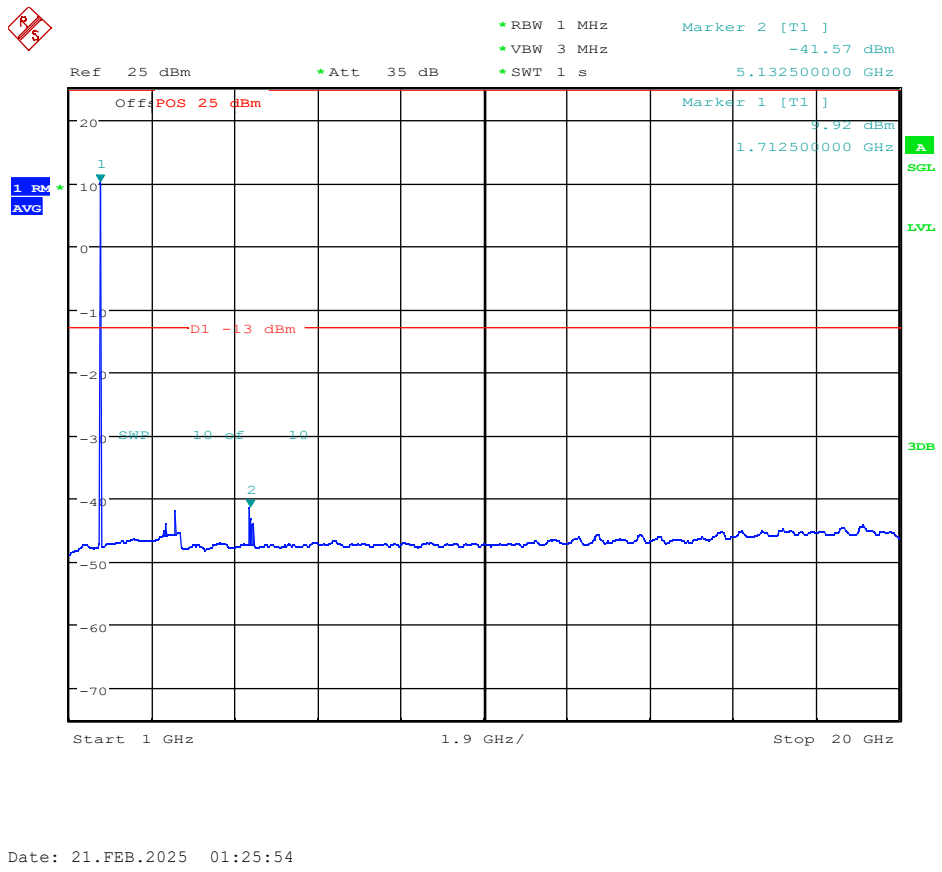
Band4-1312-1-0.15~30MHz-PASS



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



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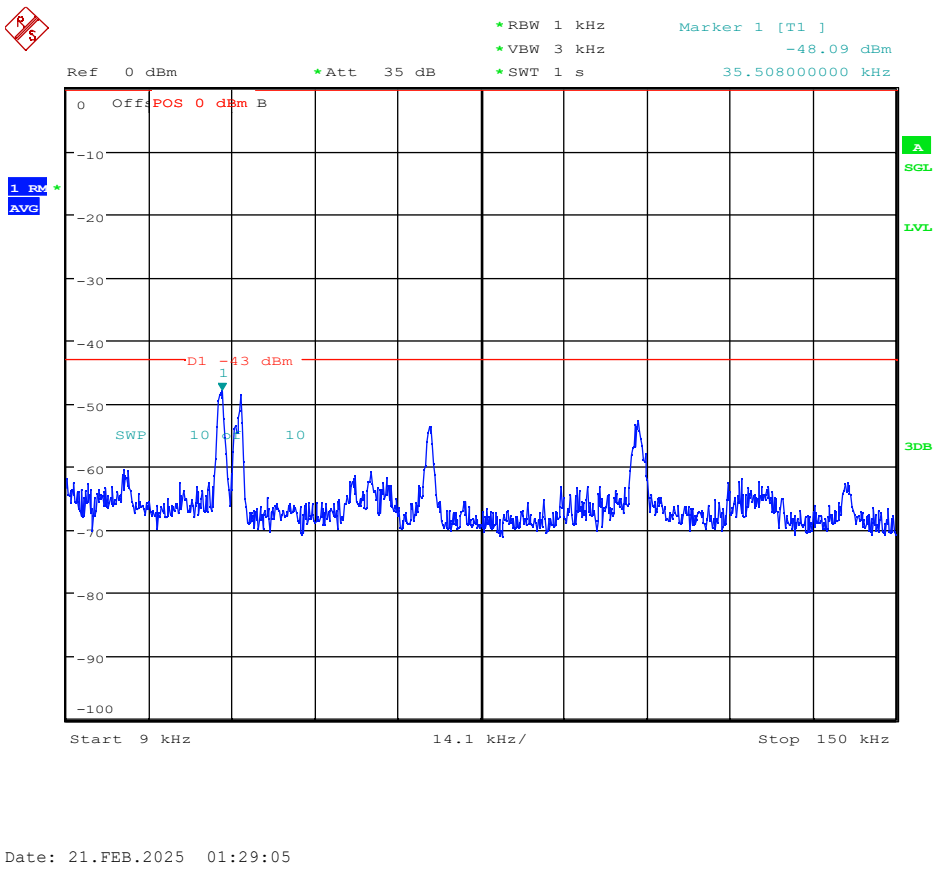
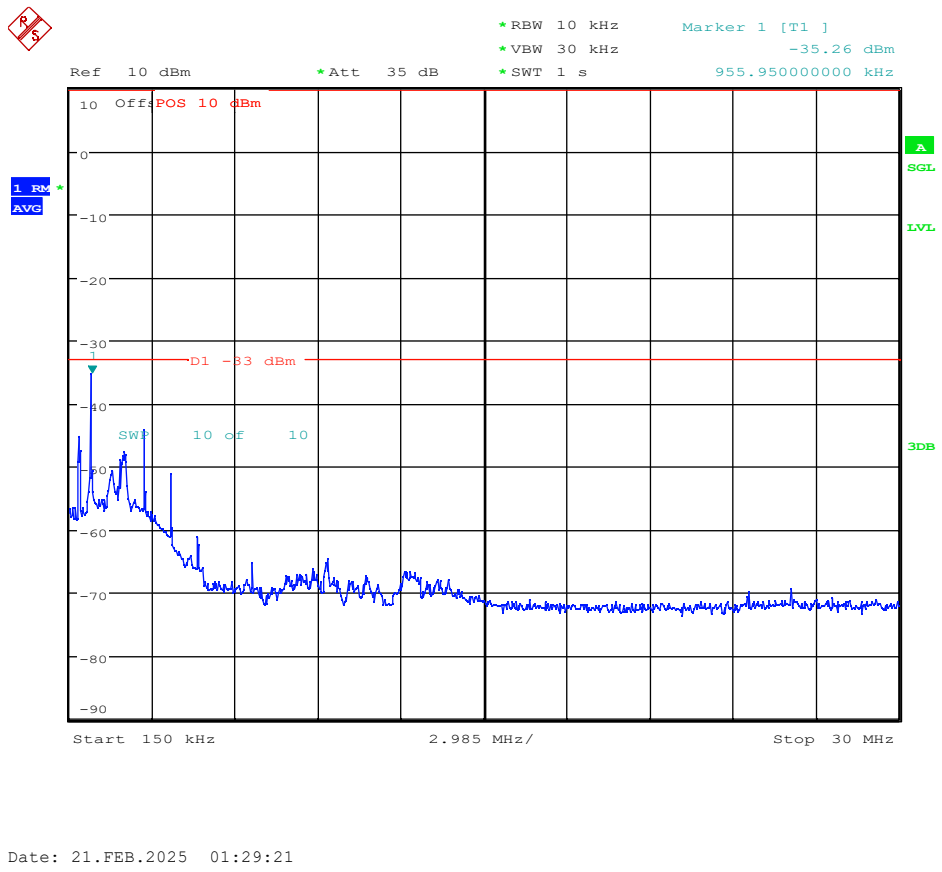
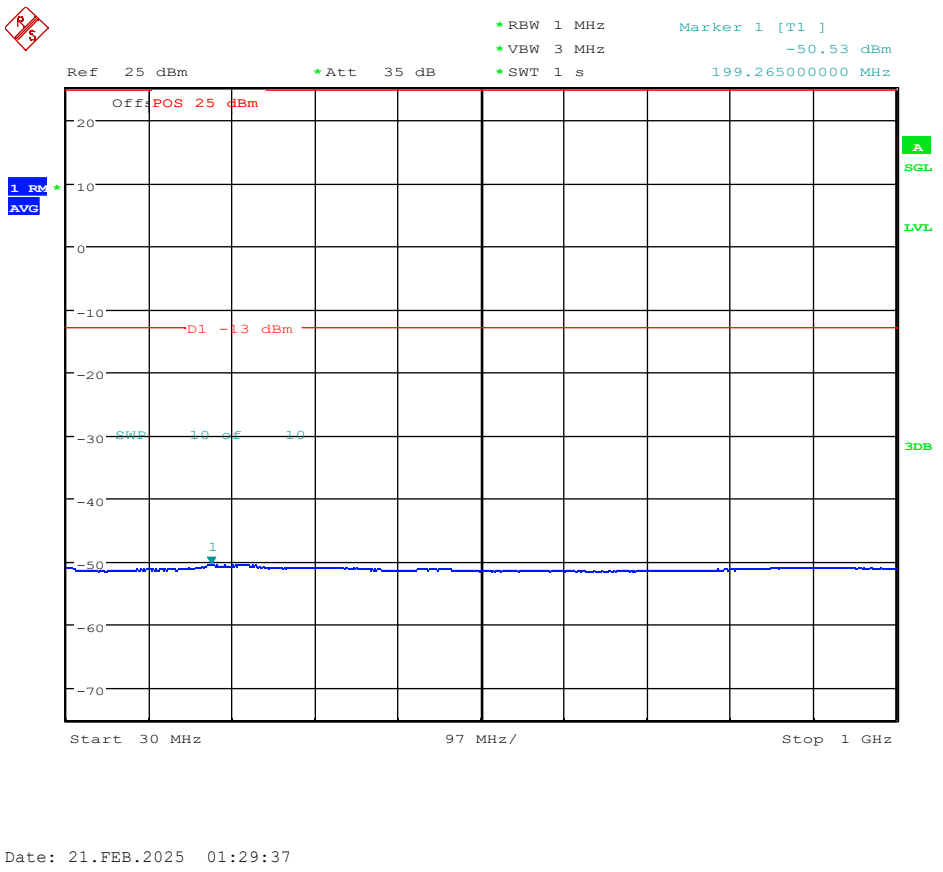
Band4-1312-1-1000~20000MHz-PASS



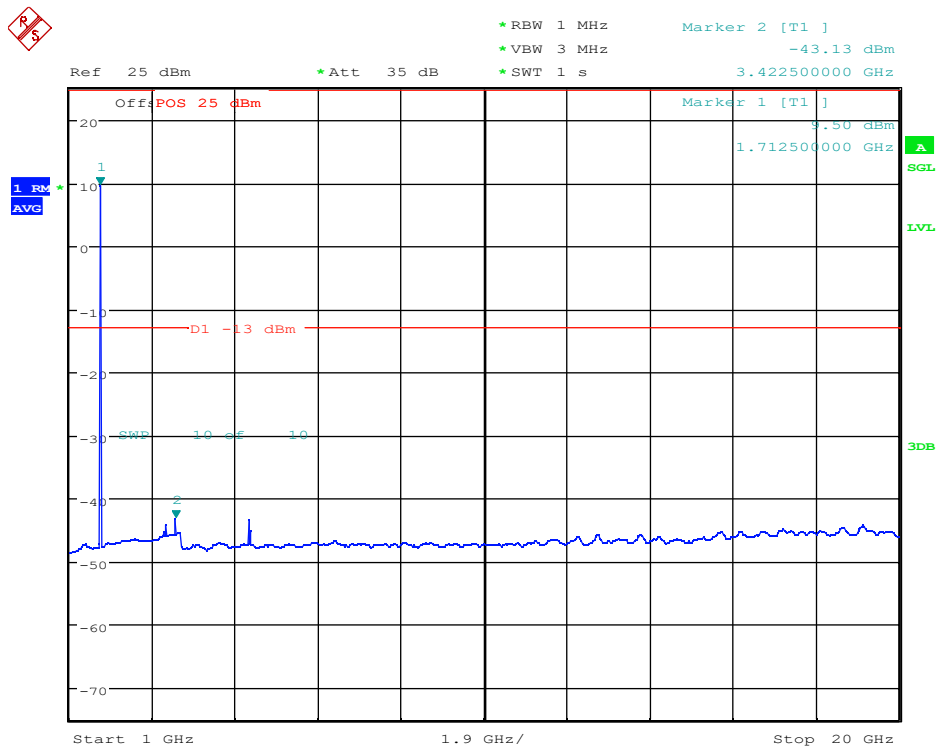
Band4-1312-2-0.009~0.15MHz-PASS



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



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



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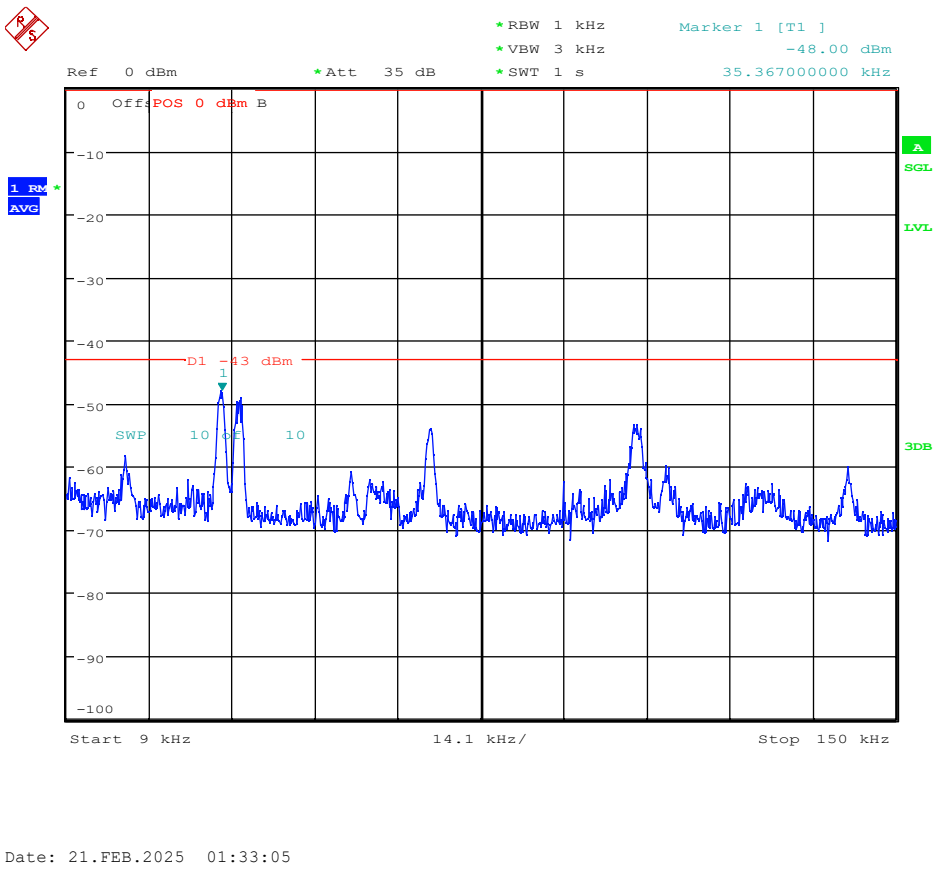
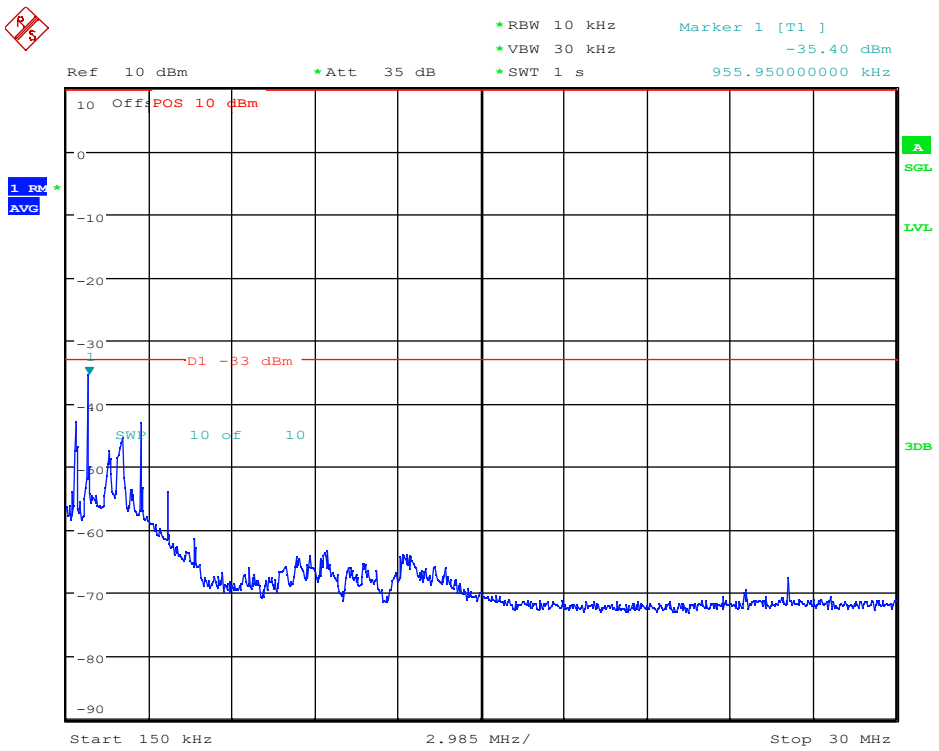
Band4-1312-2-1000~20000MHz-PASS



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



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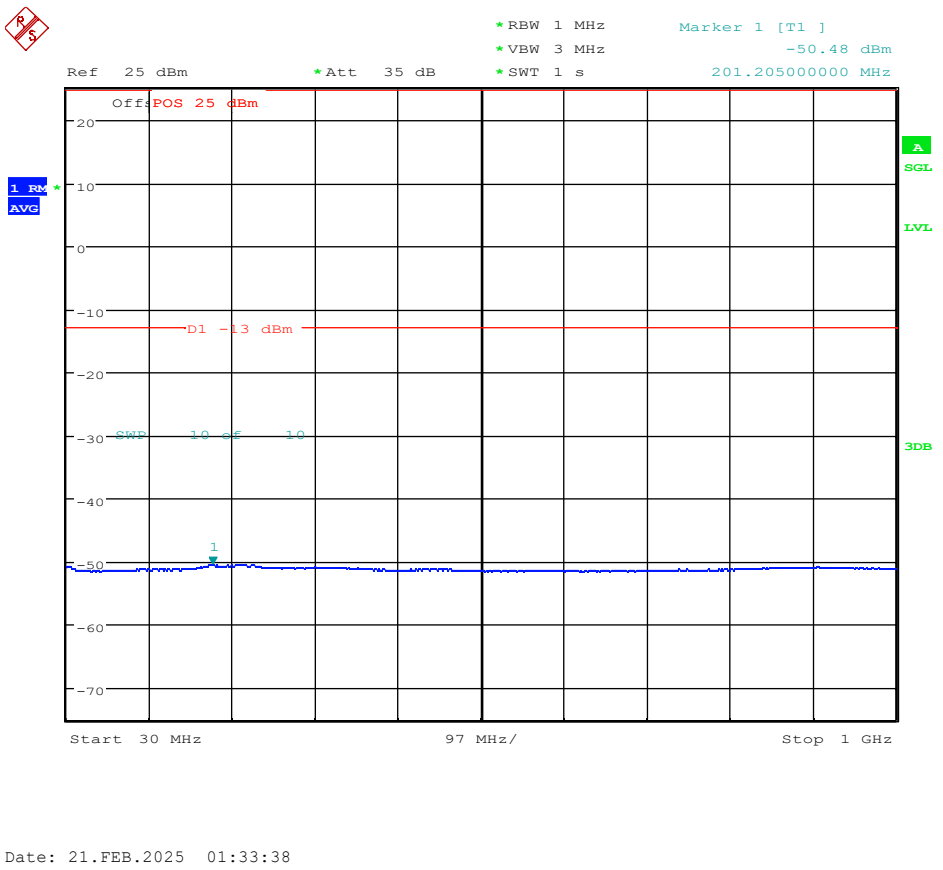
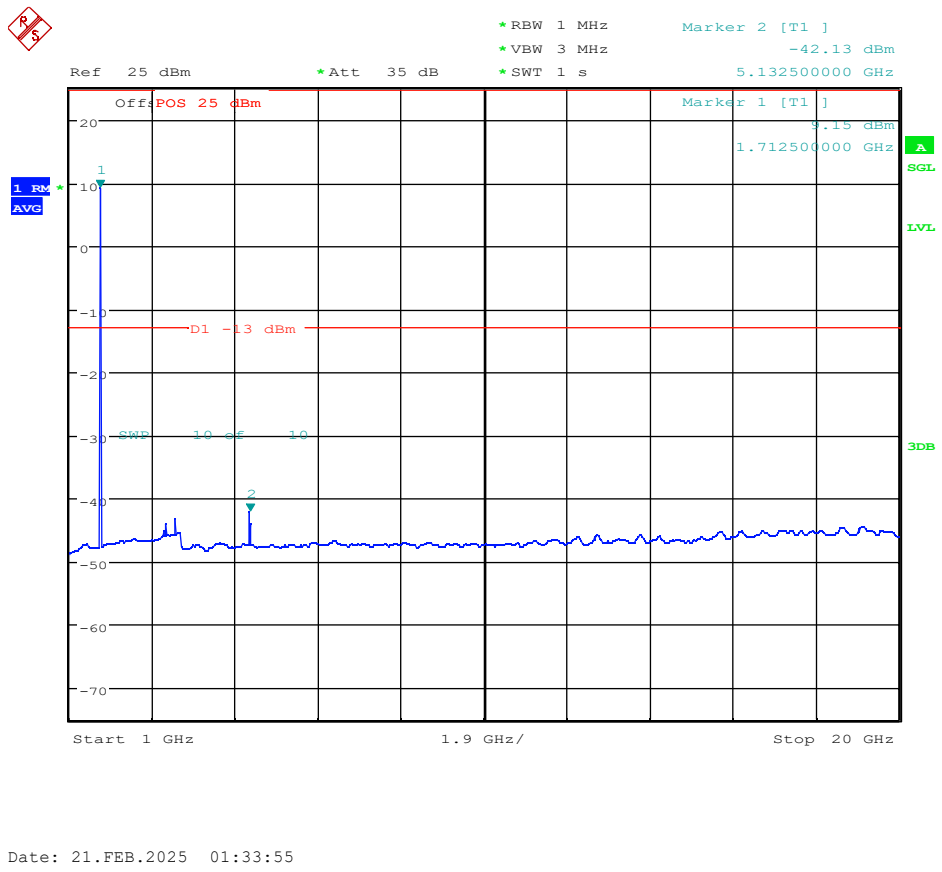
Band4-1312-3-0.15~30MHz-PASS



Band4-1312-3-30~1000MHz-PASS



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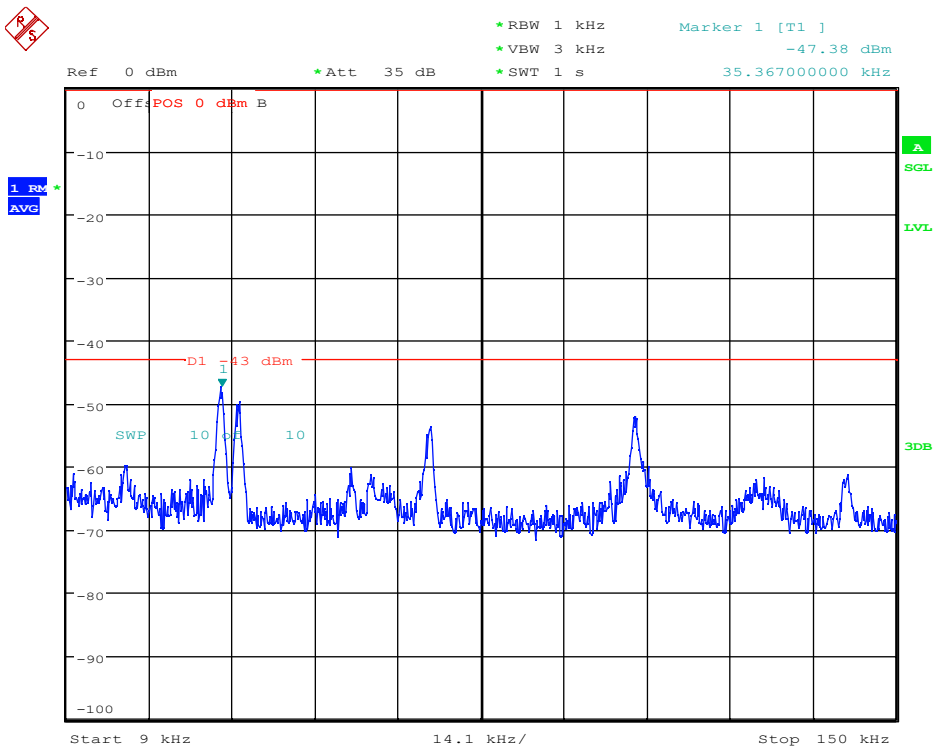
Band4-1312-3-1000~20000MHz-PASS



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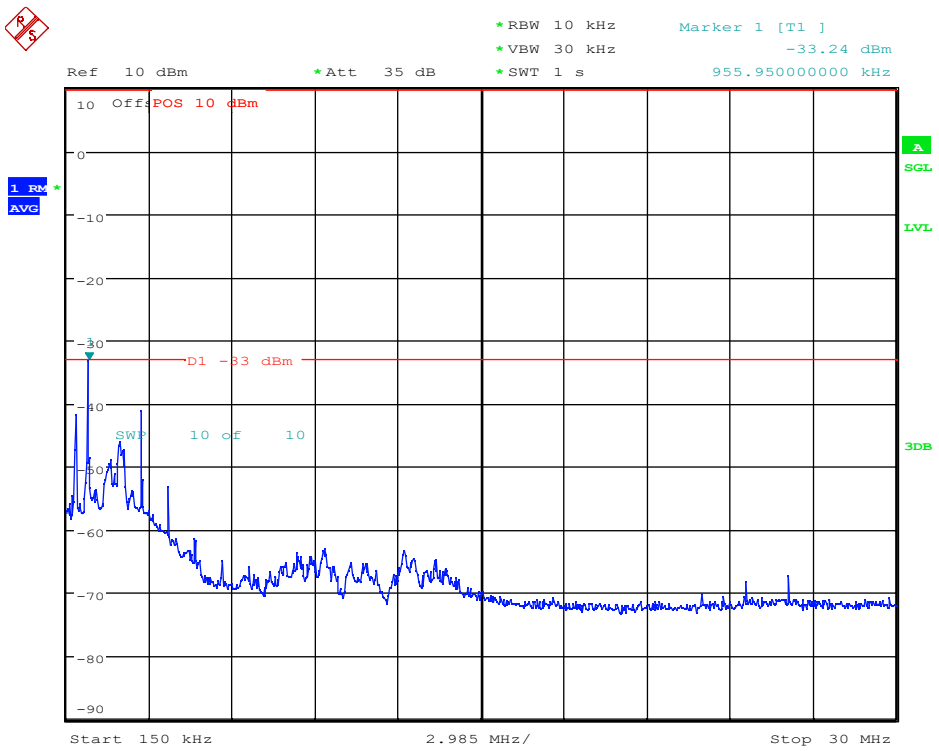
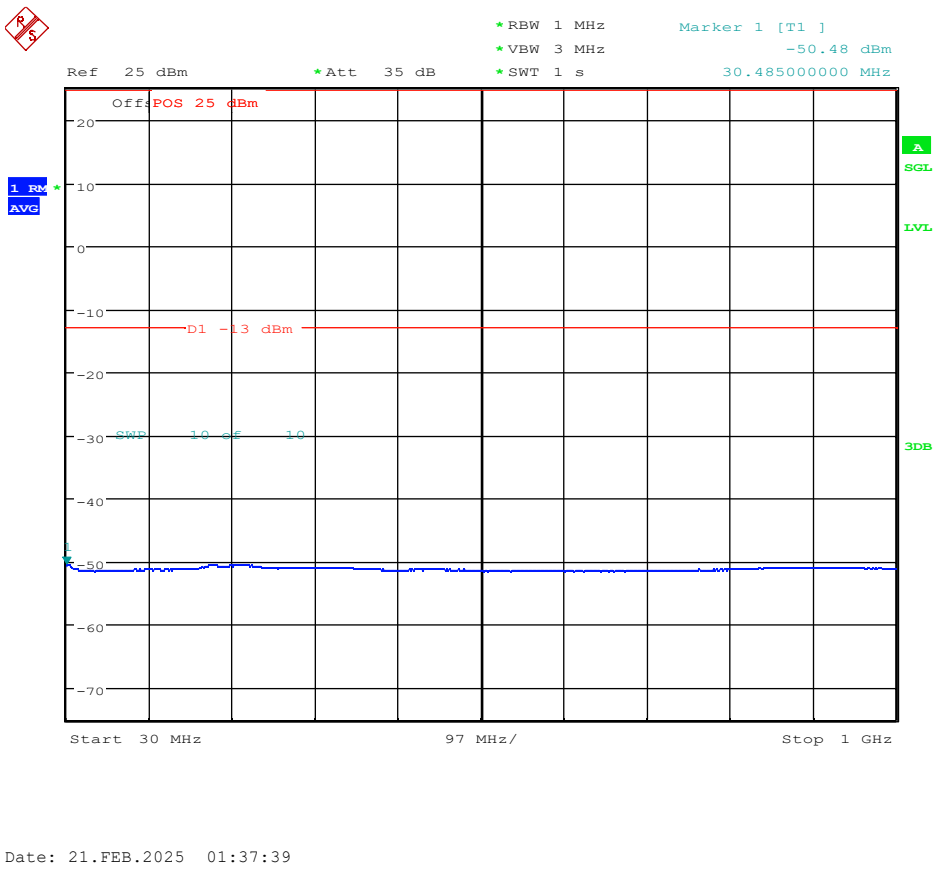
Band4-1312-4-0.009~0.15MHz-PASS



Date: 21.FEB.2025 01:37:22

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



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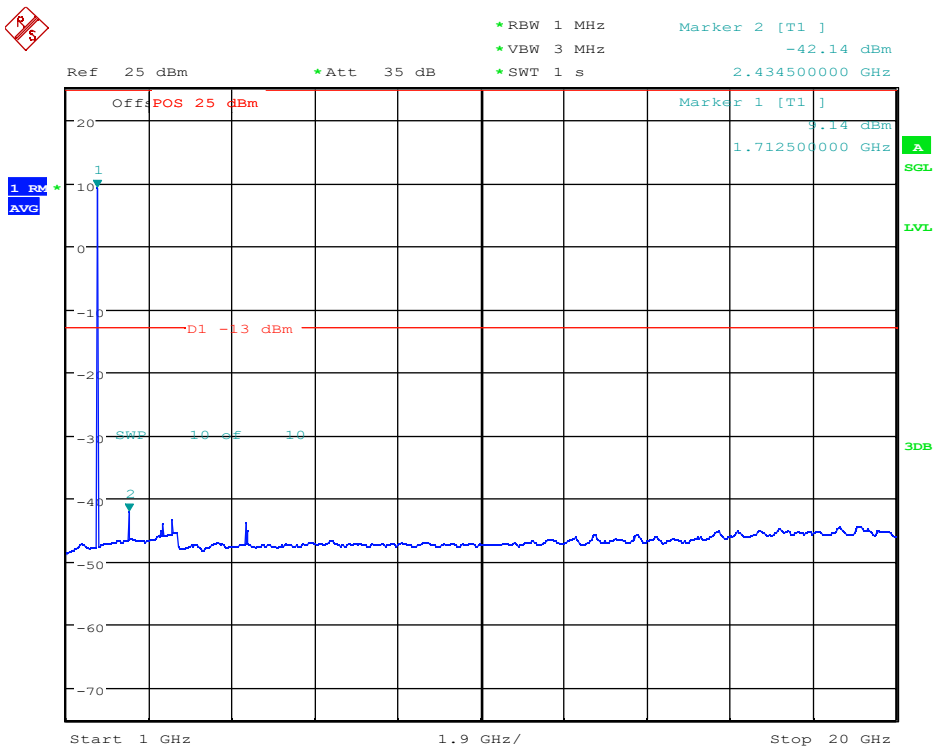
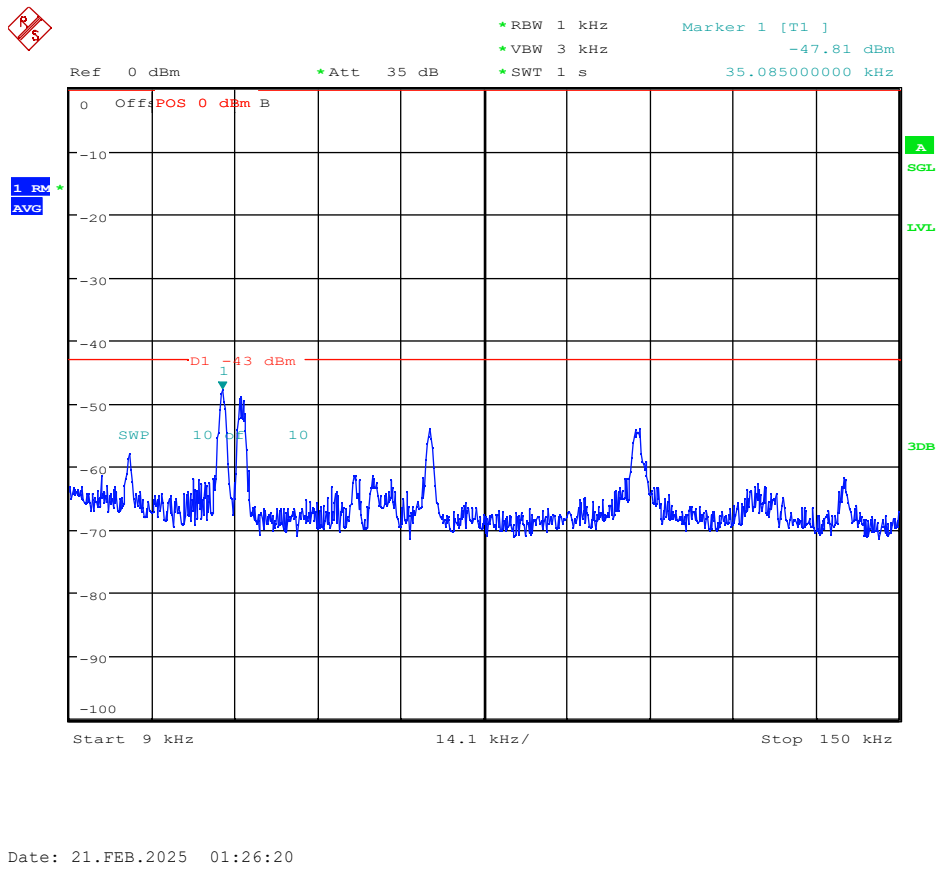
Band4-1312-4-30~1000MHz-PASS



Date: 21.FEB.2025 01:37:56

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



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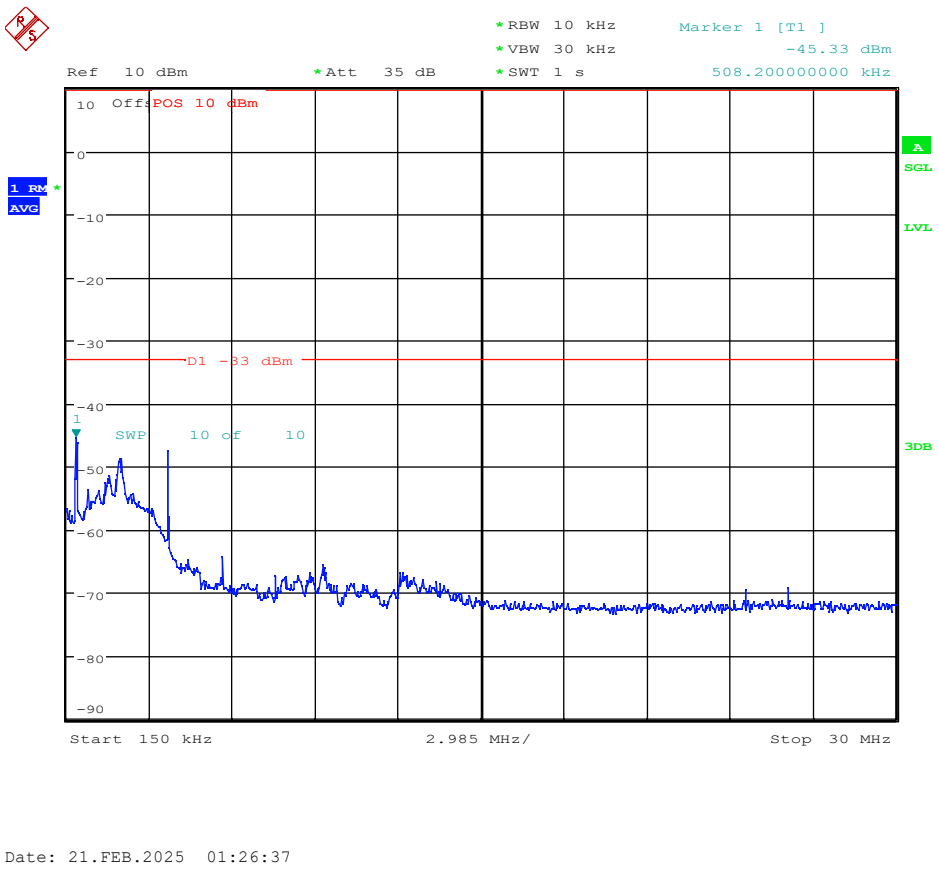
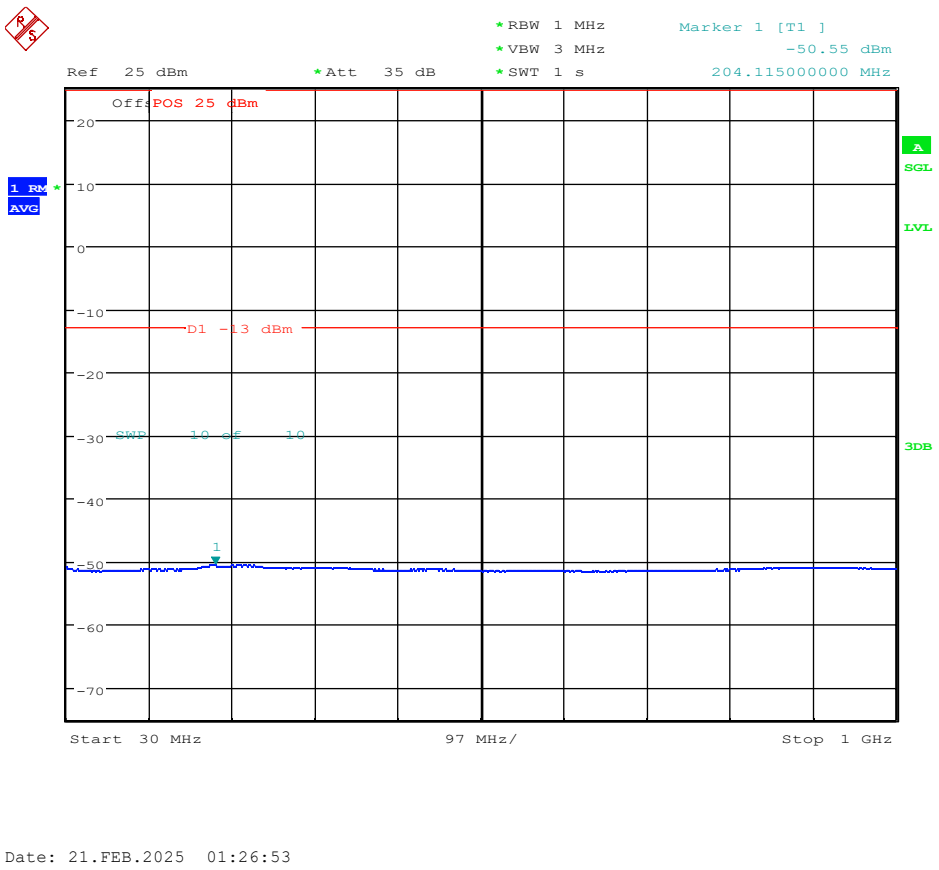
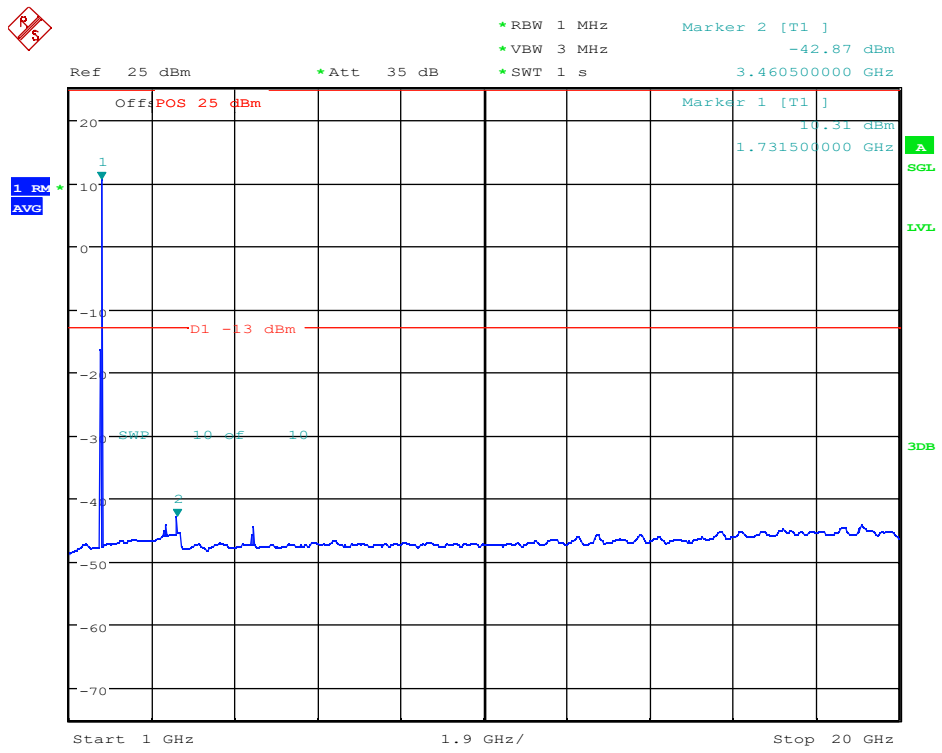
Band4-1413-1-0.009~0.15MHz-PASS



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



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



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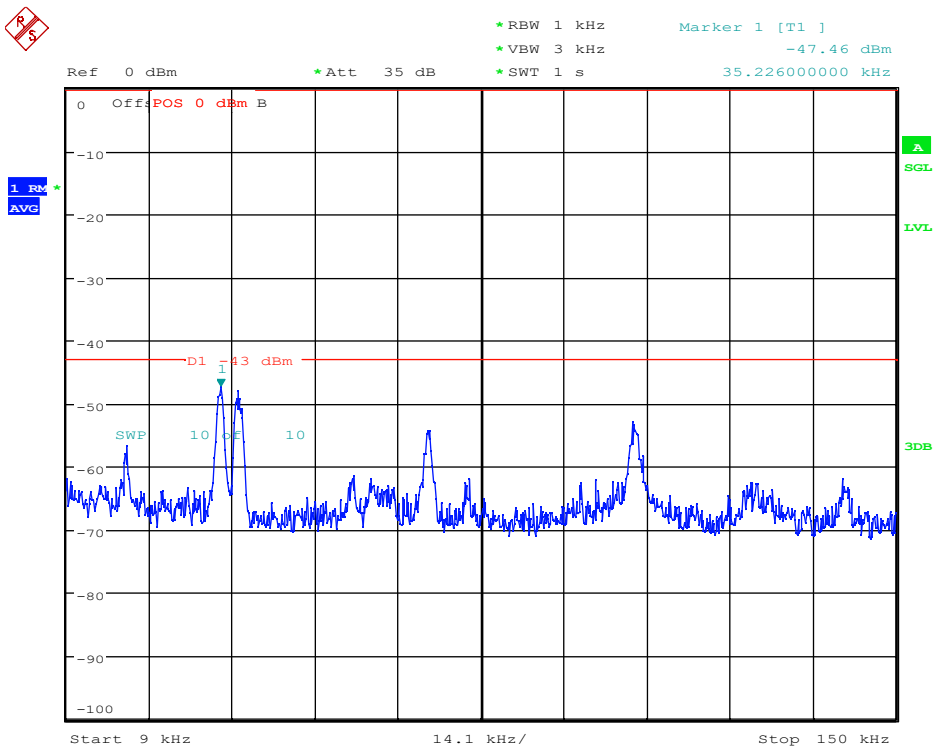
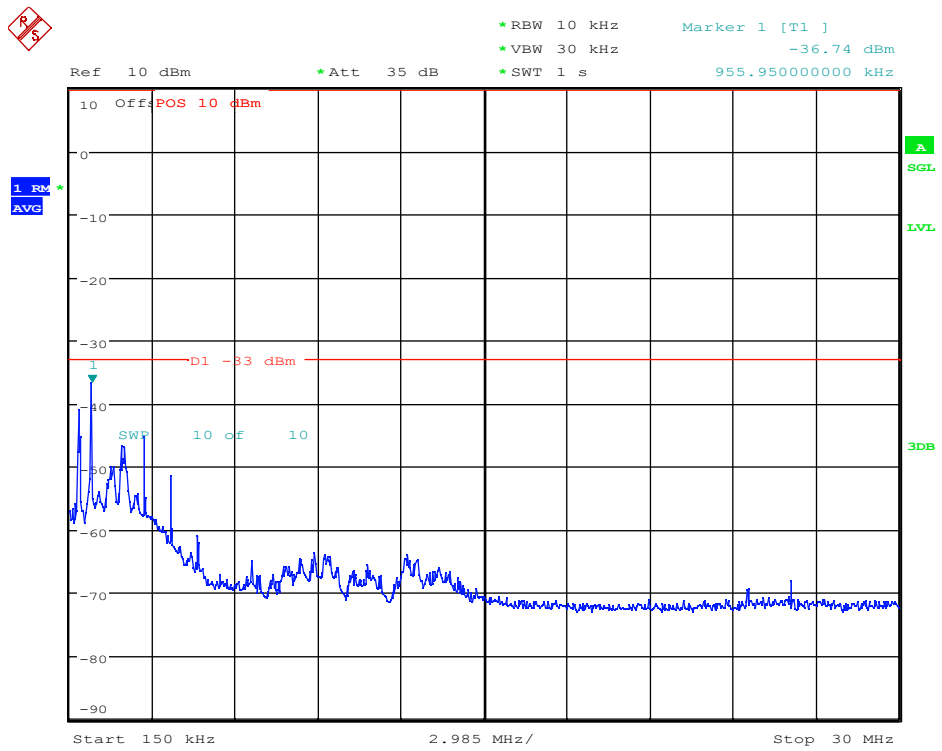
Band4-1413-1-1000~20000MHz-PASS



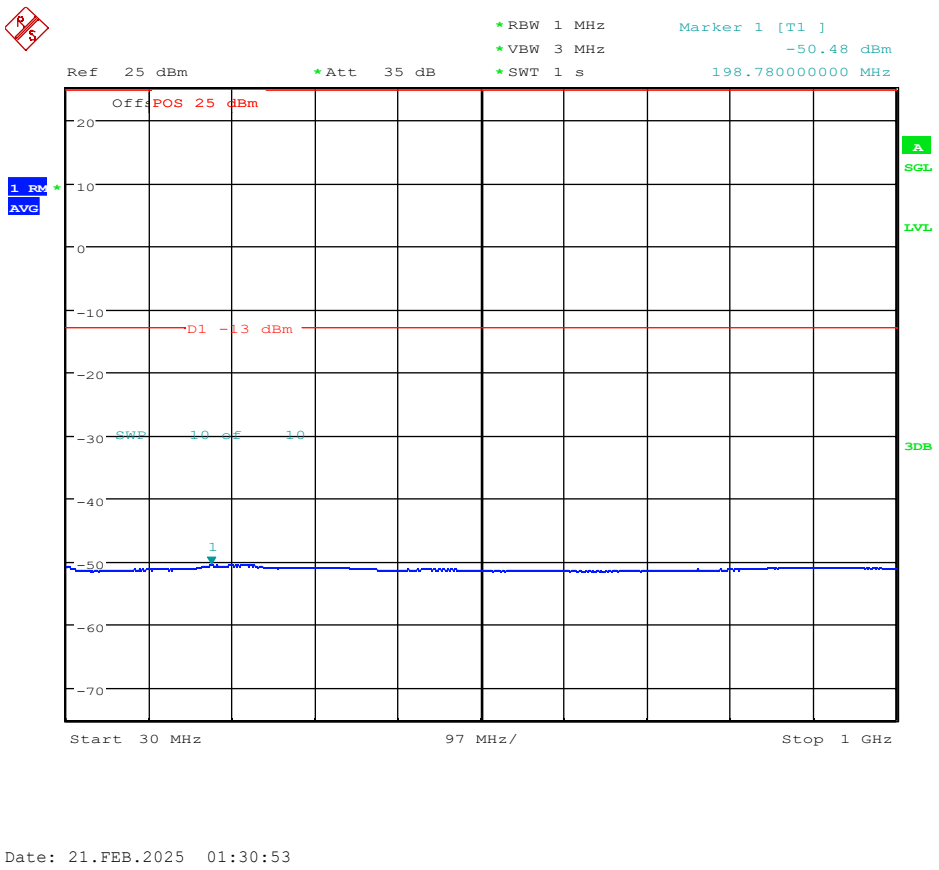
Date: 21.FEB.2025 01:30:21

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

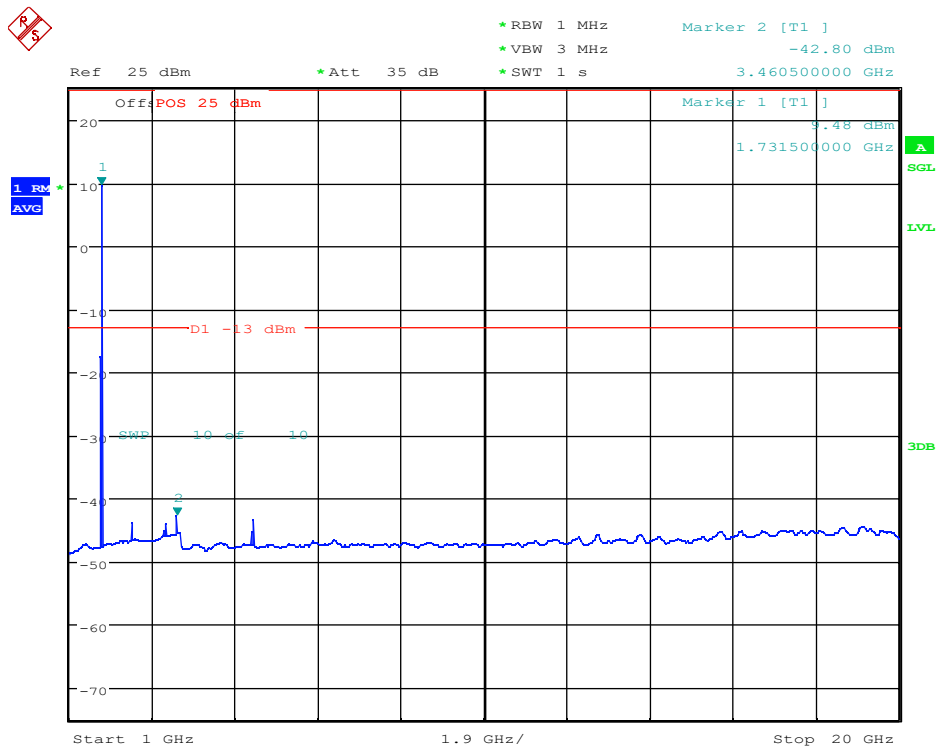


Date: 21.FEB.2025 01:30:37

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



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



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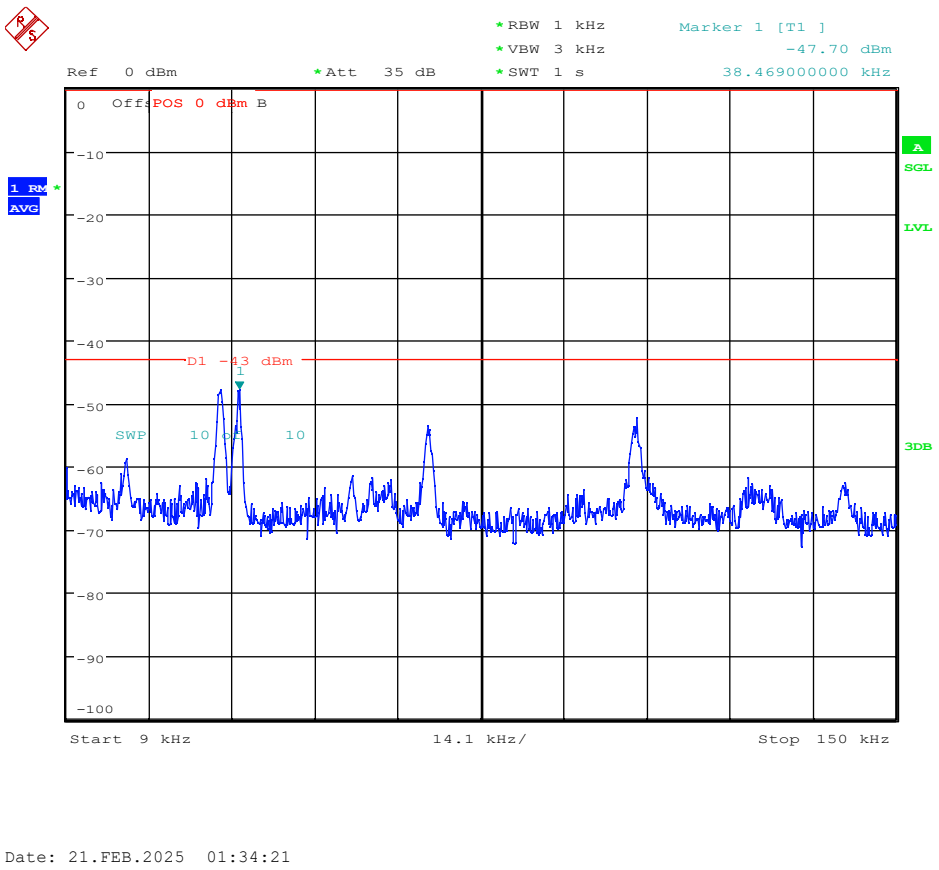
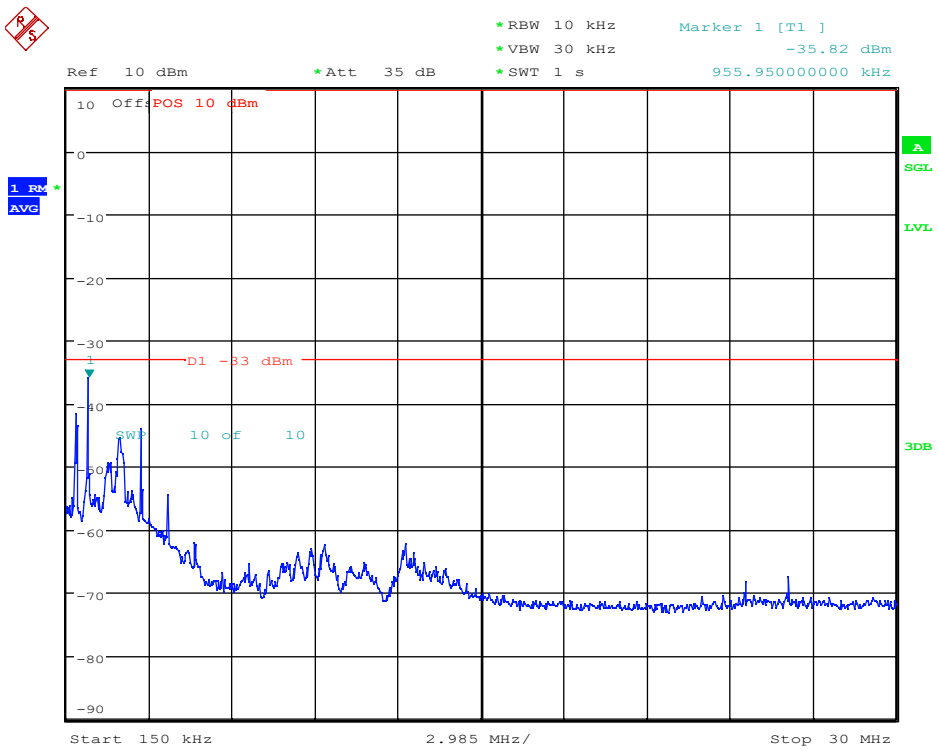
Band4-1413-2-1000~20000MHz-PASS



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



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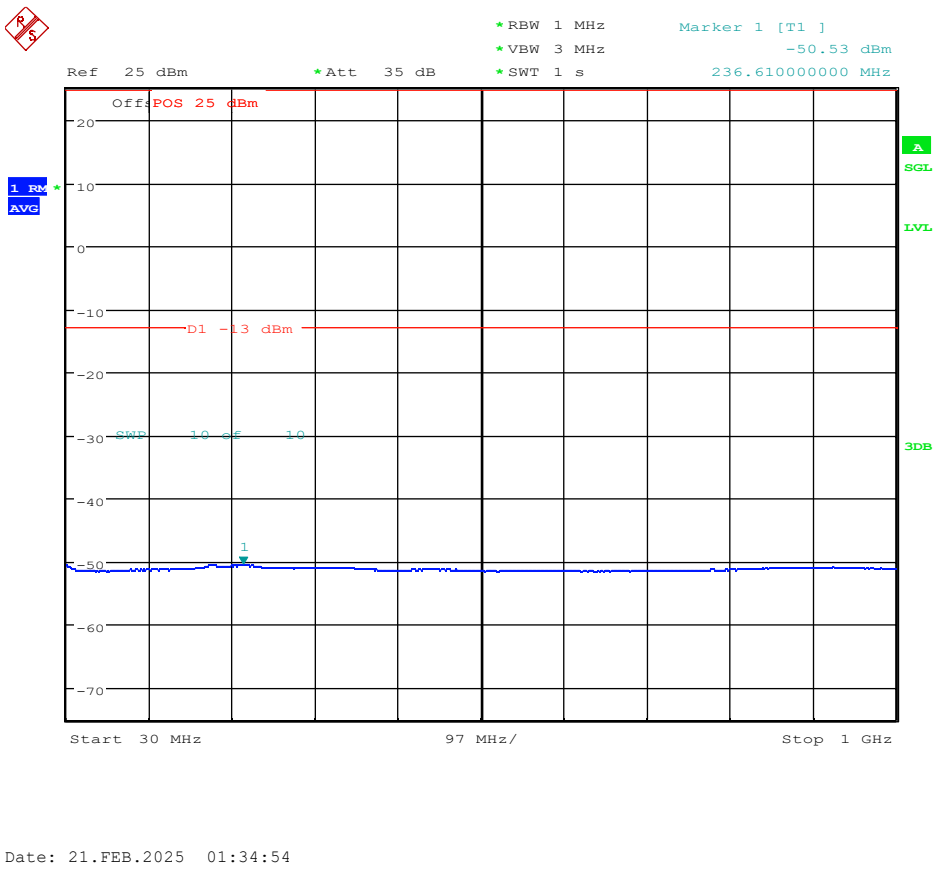
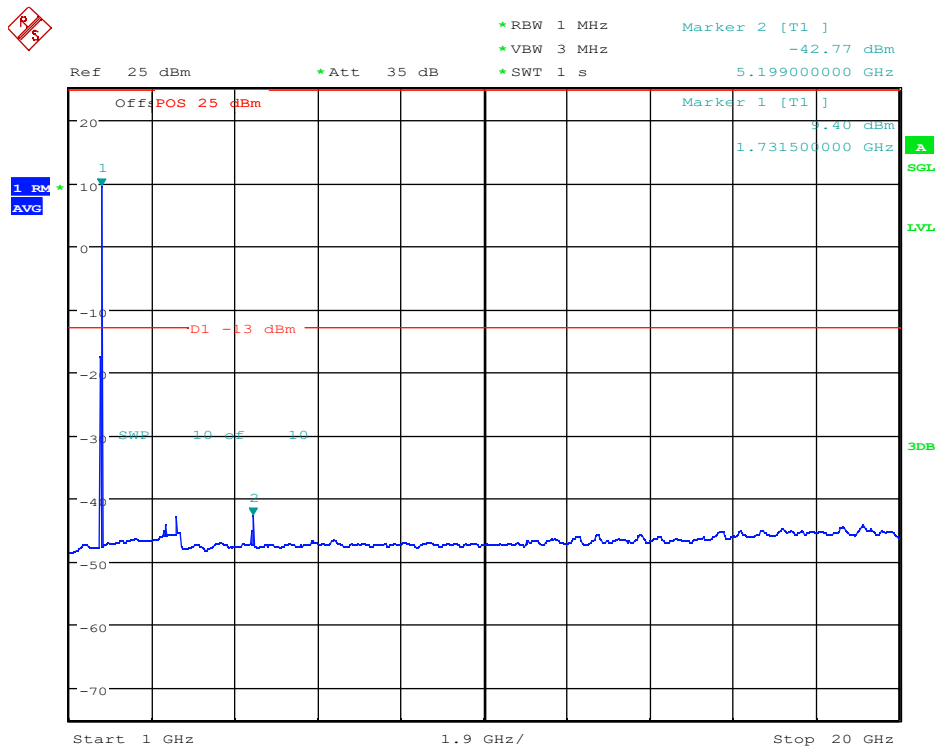
Band4-1413-3-0.15~30MHz-PASS



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



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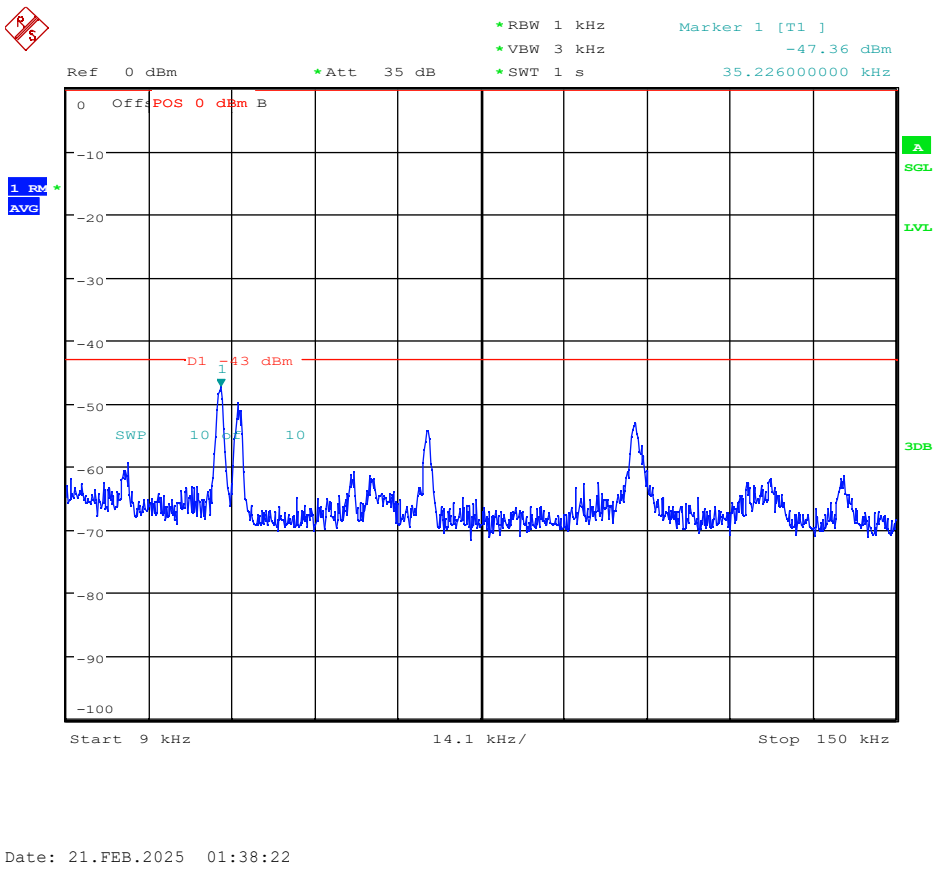
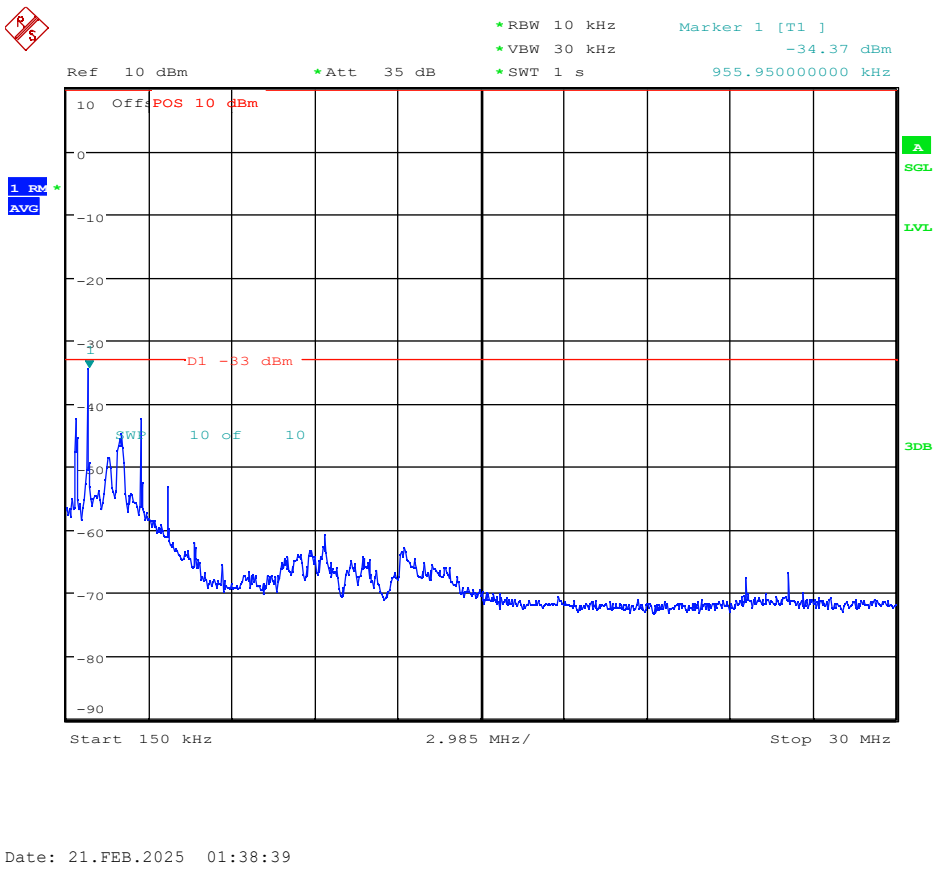
Band4-1413-3-1000~20000MHz-PASS

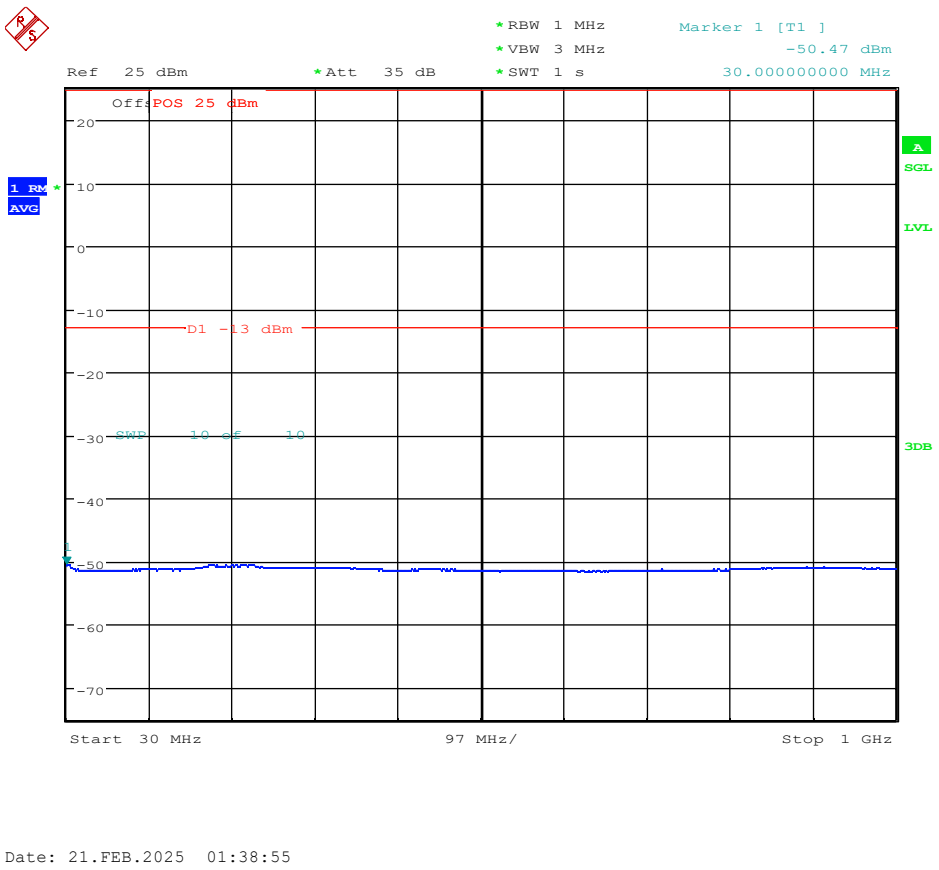


Date: 21.FEB.2025 01:38:22

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

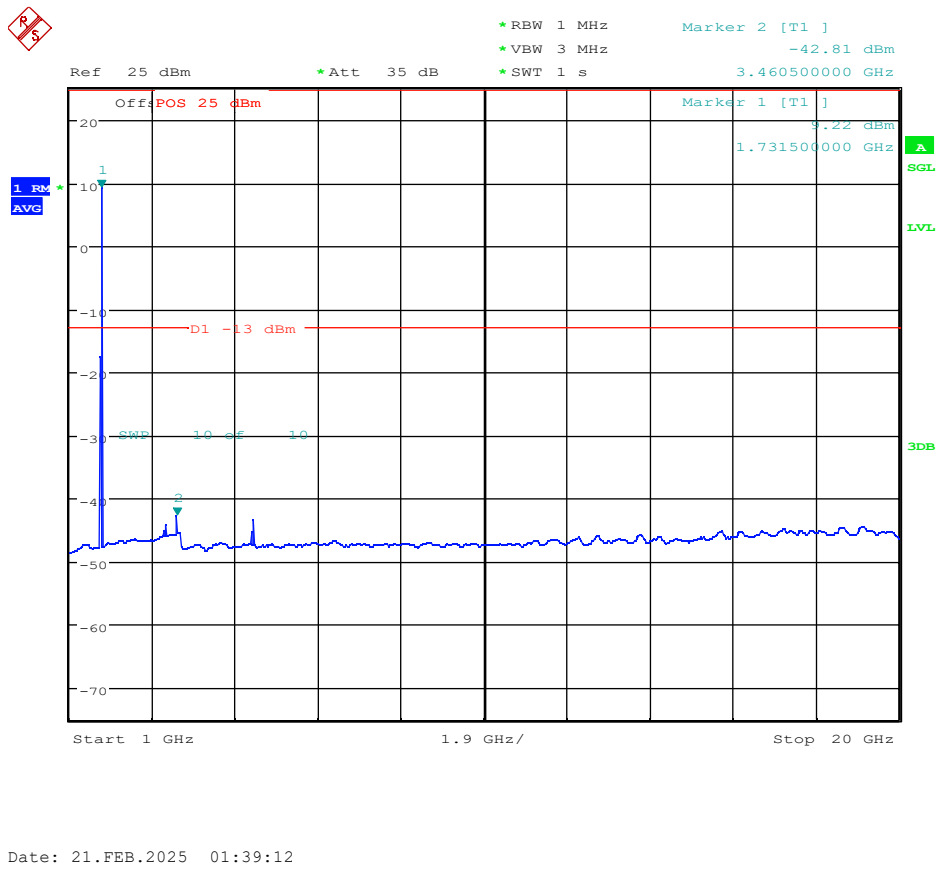


Band4-1413-4-0.15~30MHz-PASS



Date: 21.FEB.2025 01:38:55

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



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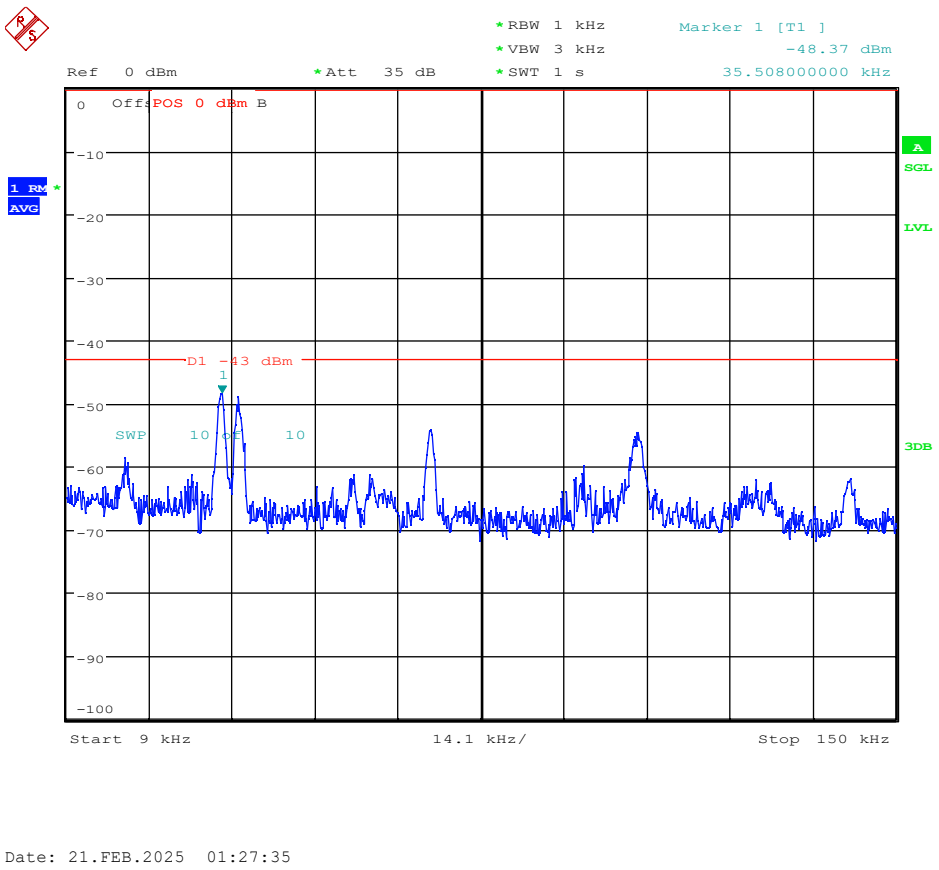
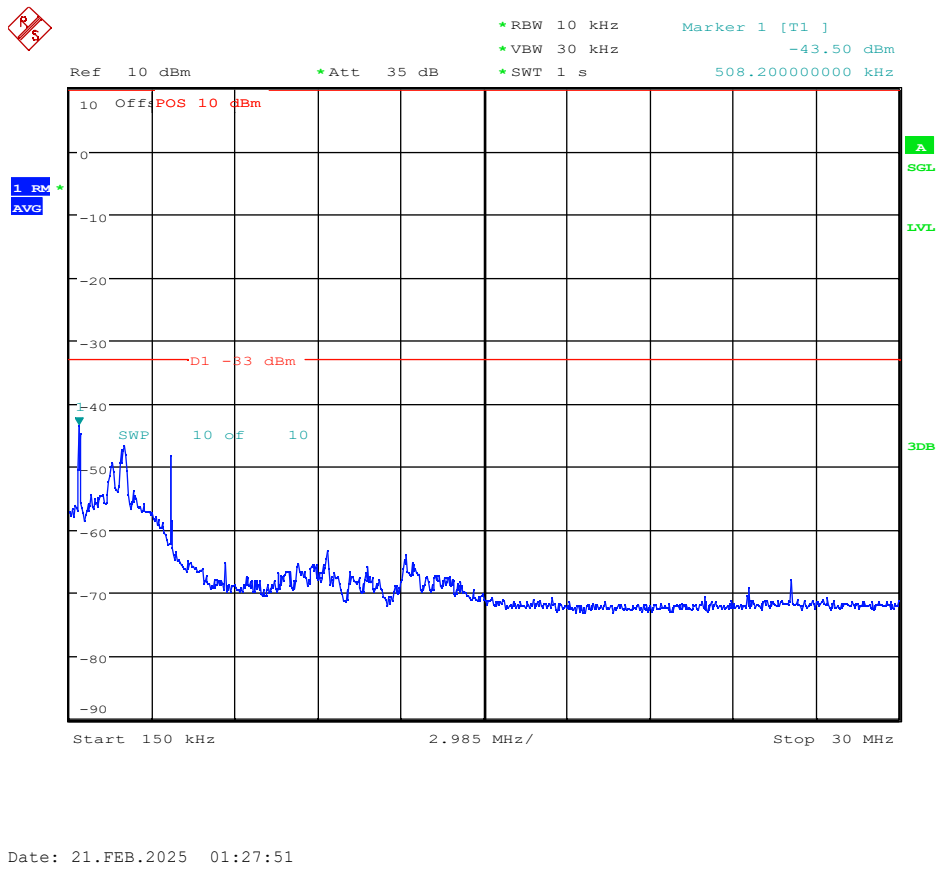
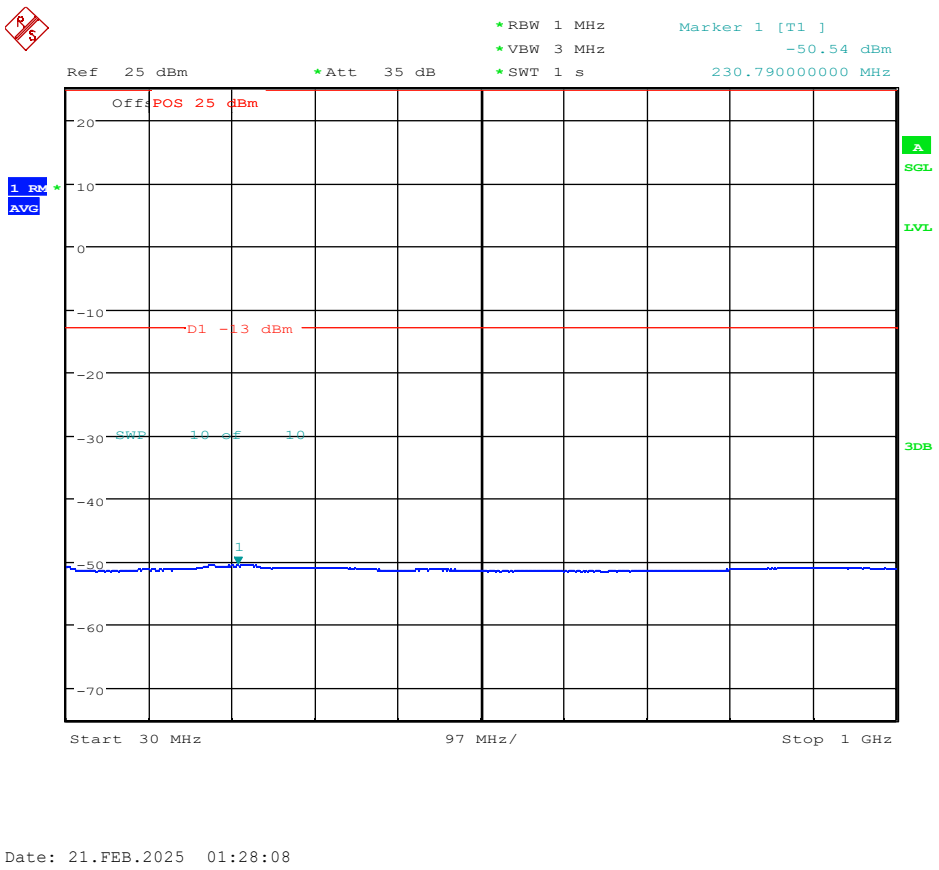
Band4-1413-4-1000~20000MHz-PASS



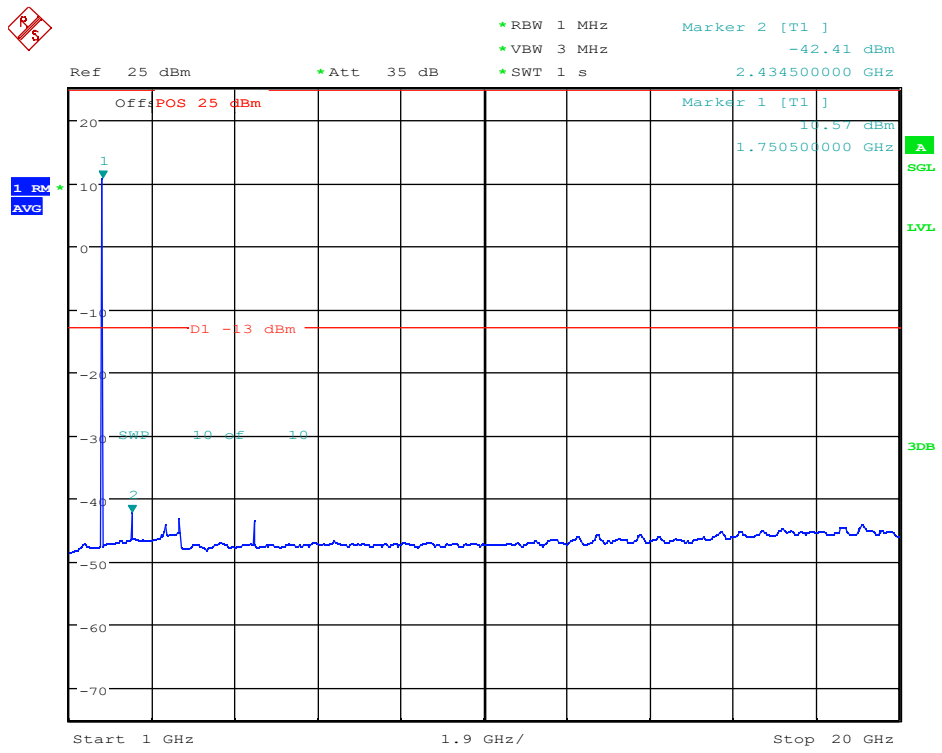
Band4-1513-1-0.009~0.15MHz-PASS



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



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



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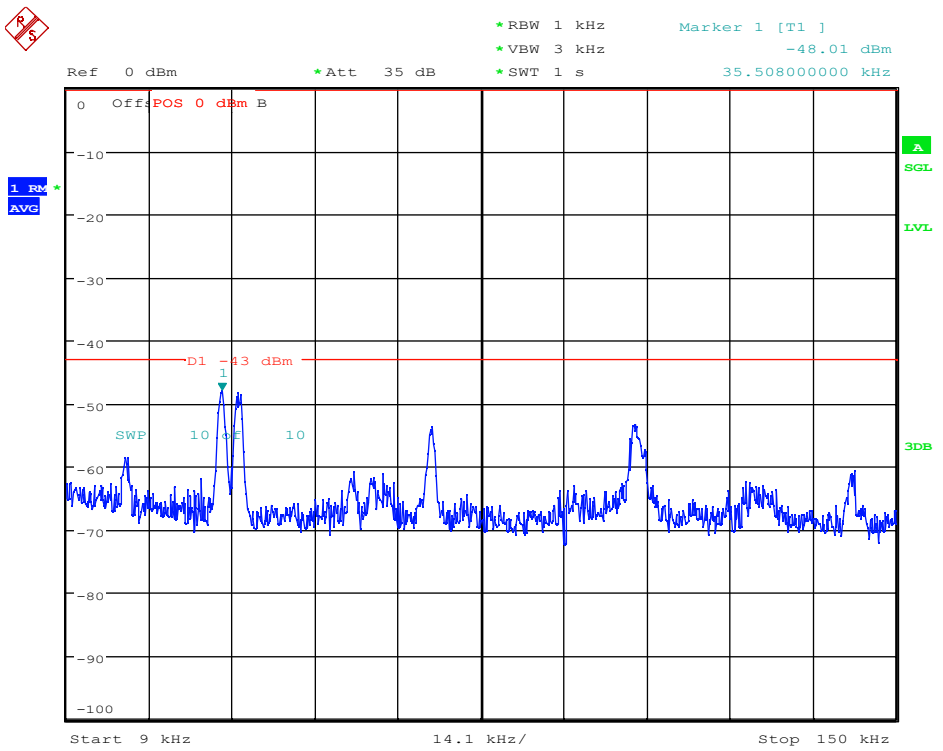
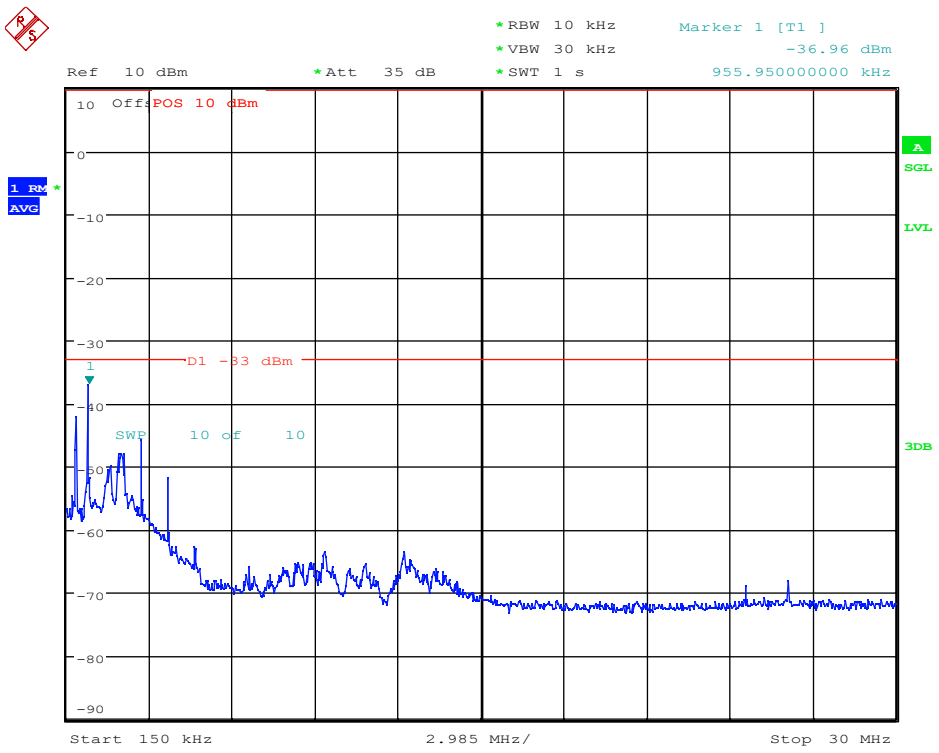
Band4-1513-1-1000~20000MHz-PASS



Date: 21.FEB.2025 01:31:35

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



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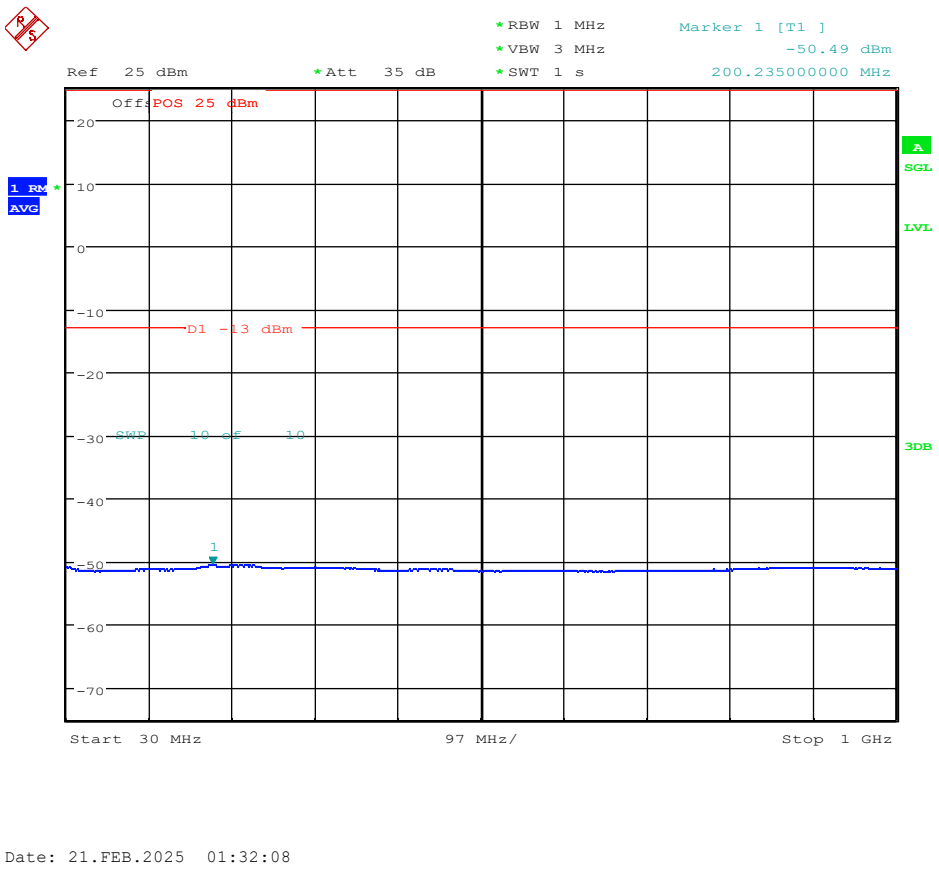
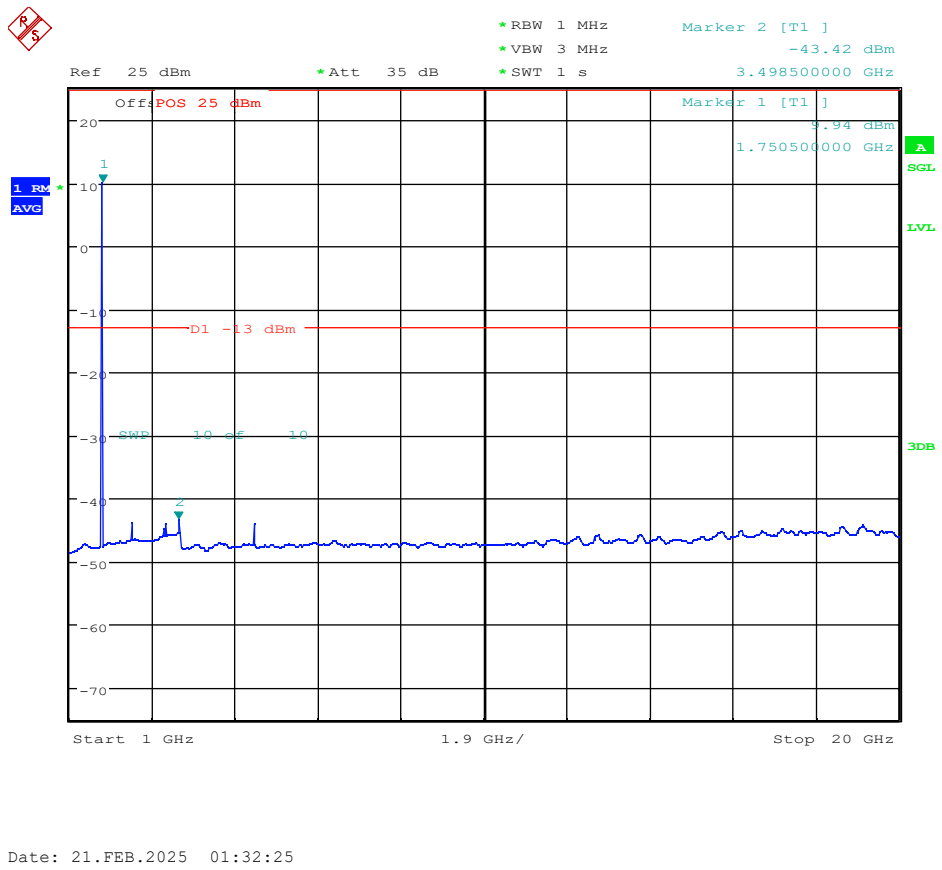
Band4-1513-2-0.15~30MHz-PASS



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



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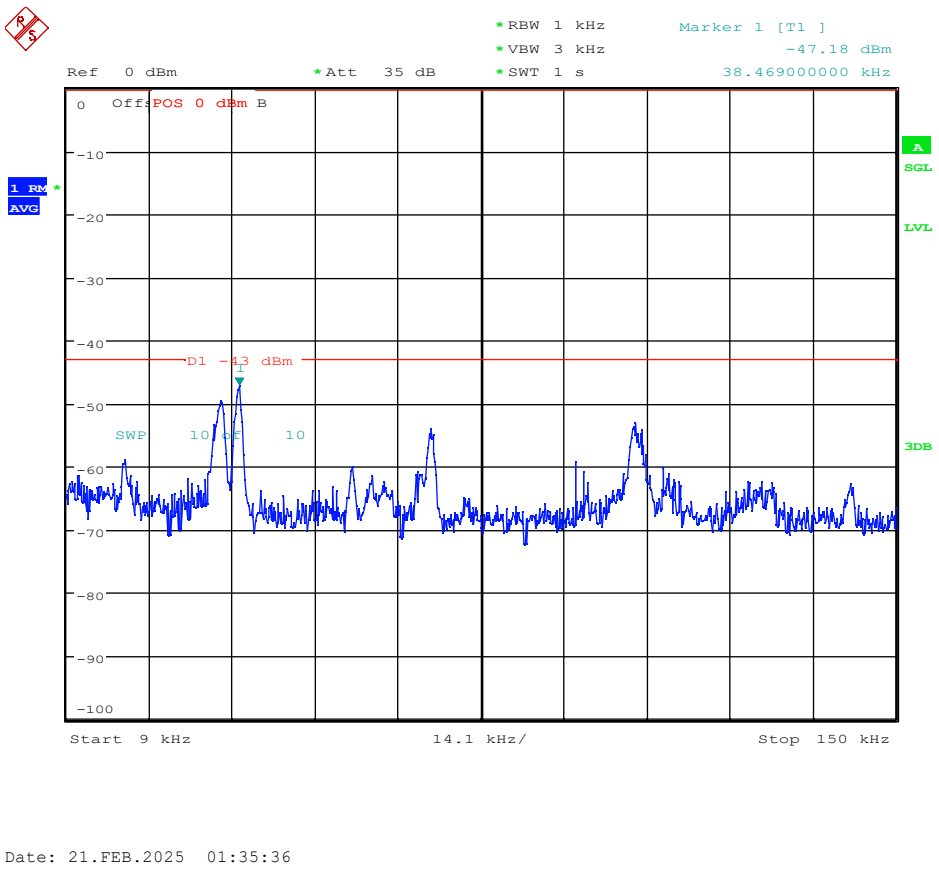
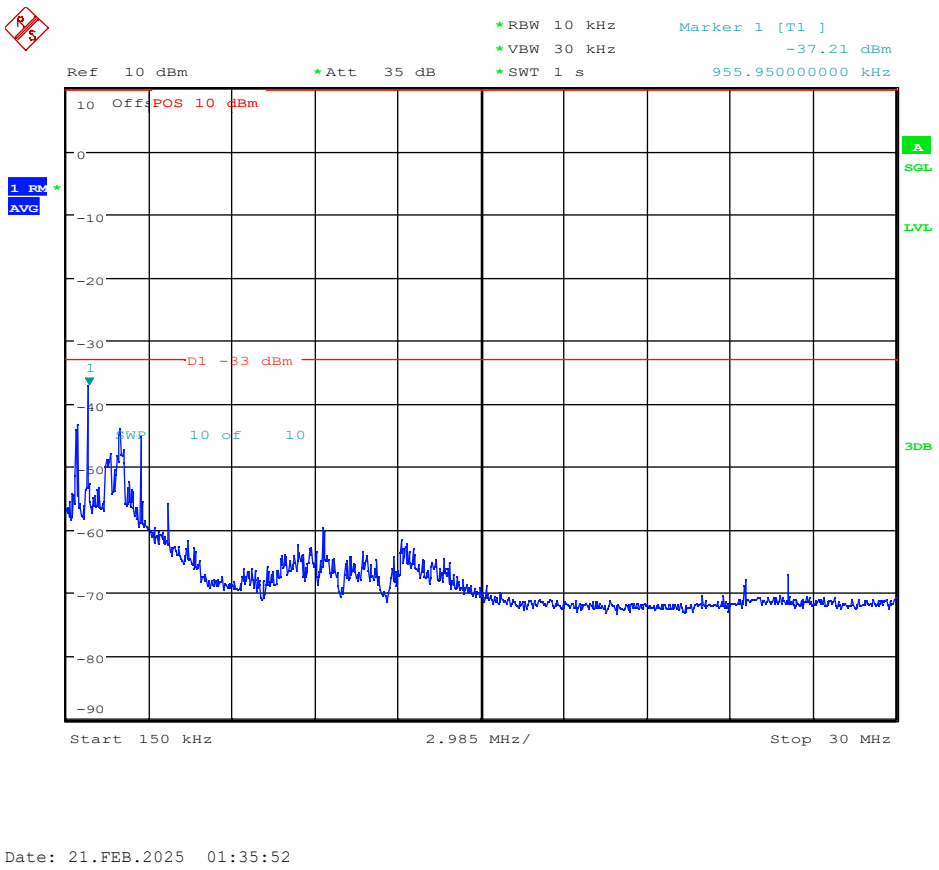
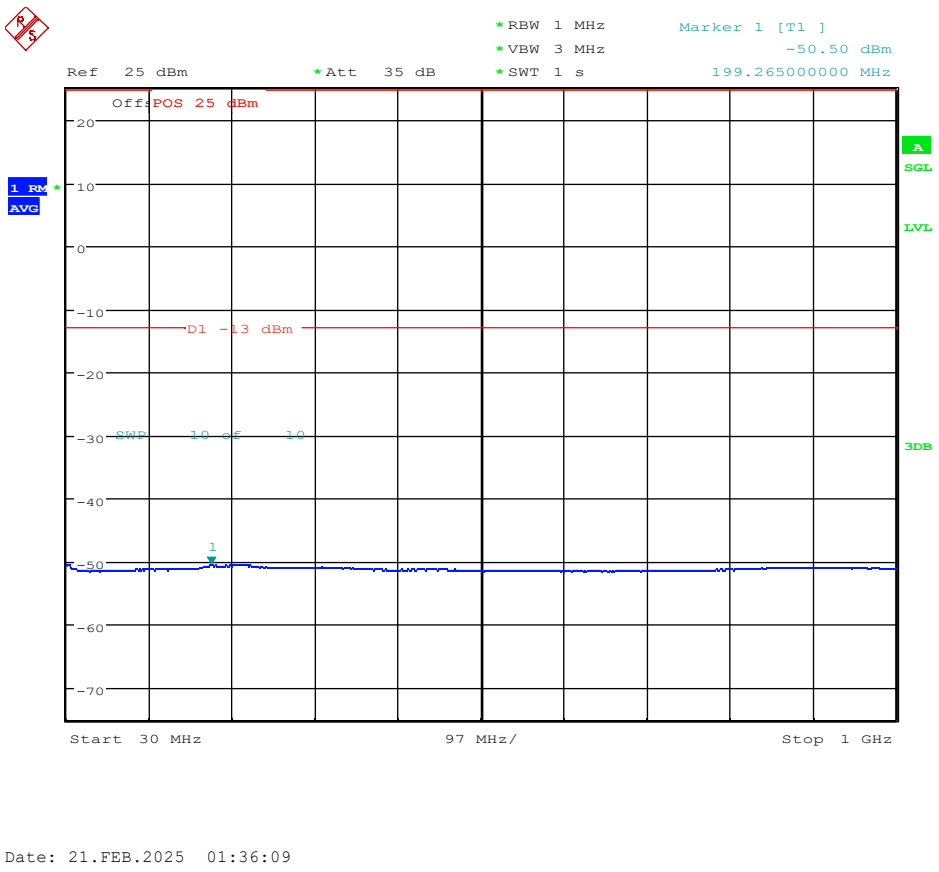
Band4-1513-2-1000~20000MHz-PASS



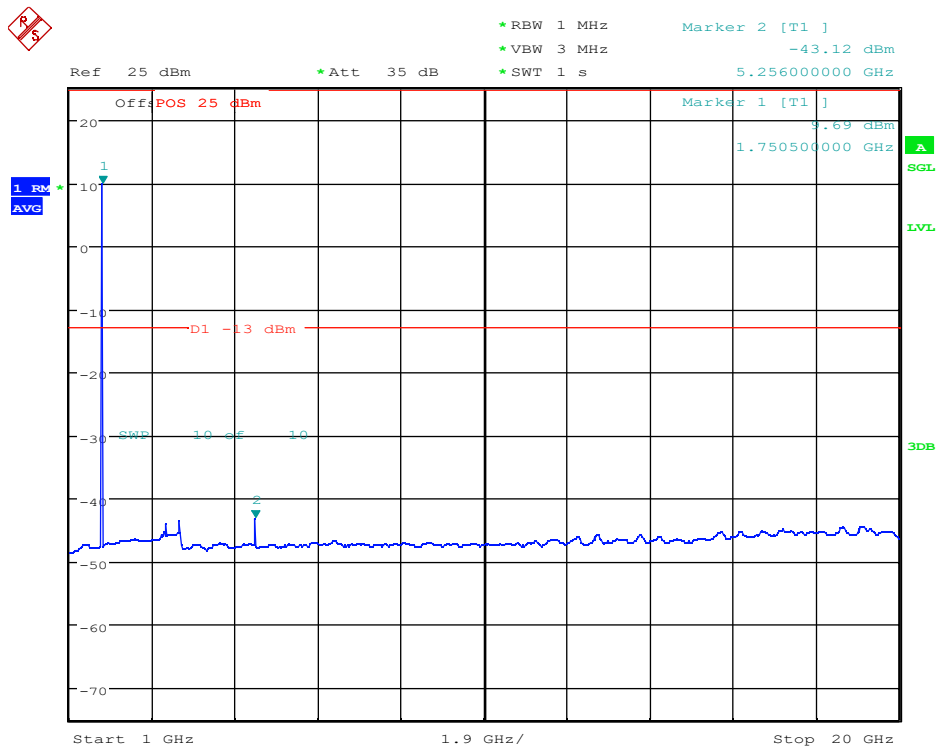
Band4-1513-3-0.009~0.15MHz-PASS



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



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



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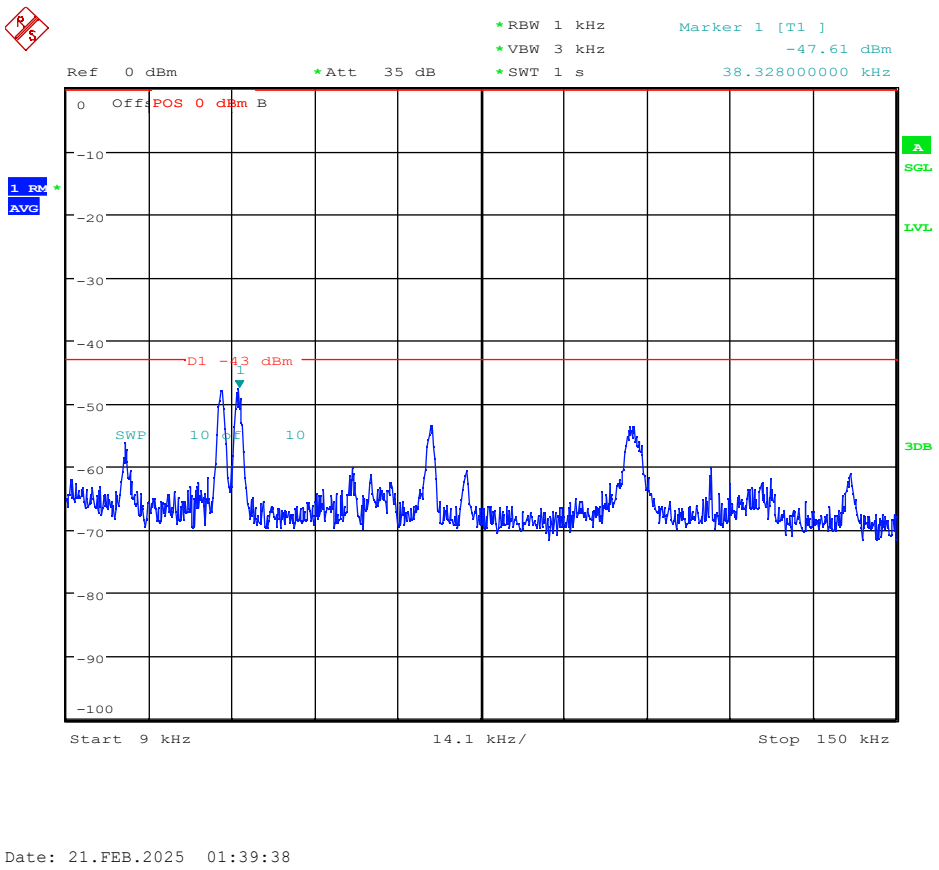
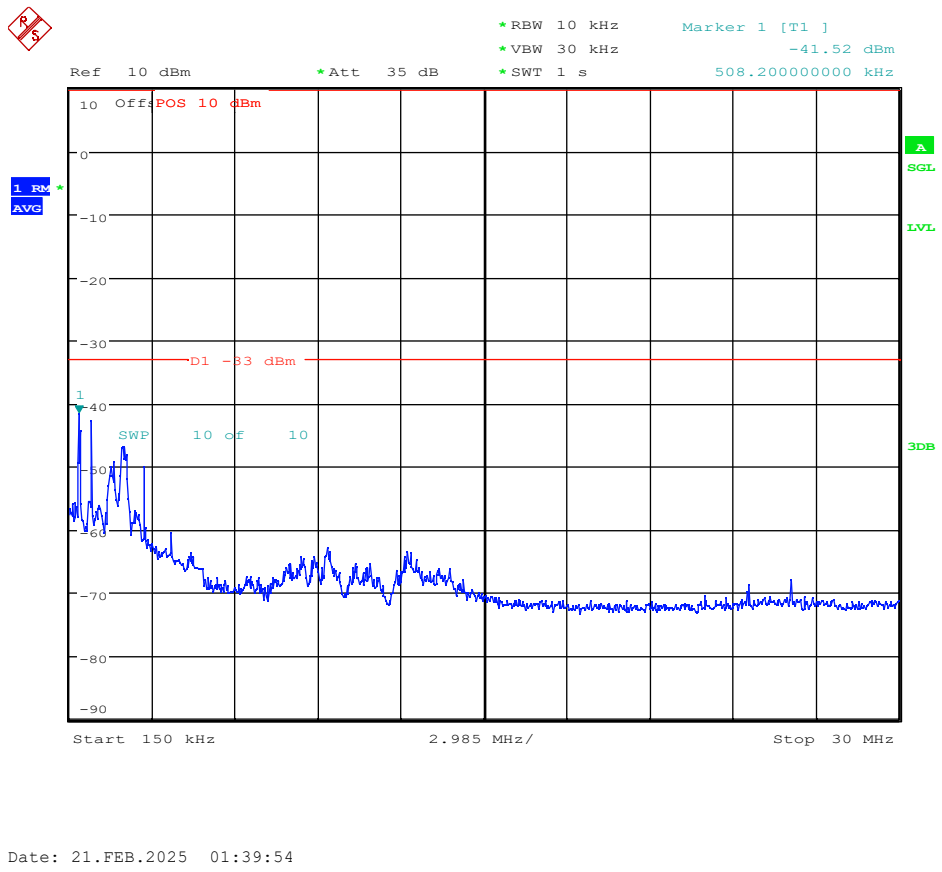
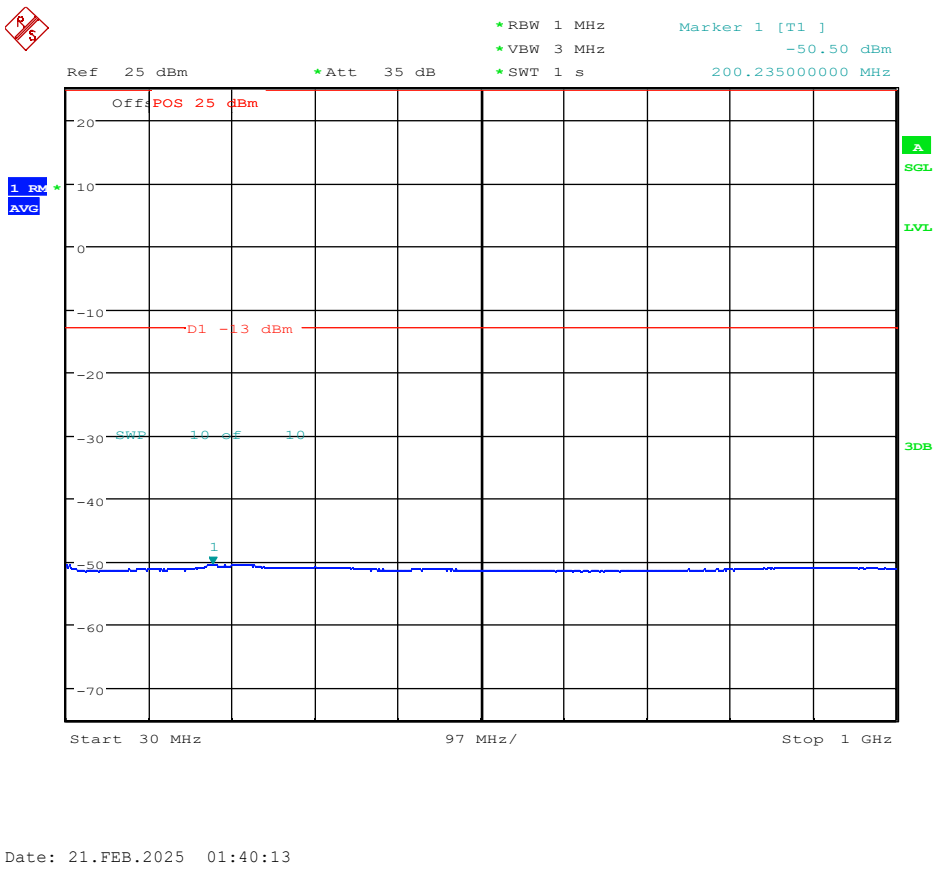
Band4-1513-3-1000~20000MHz-PASS



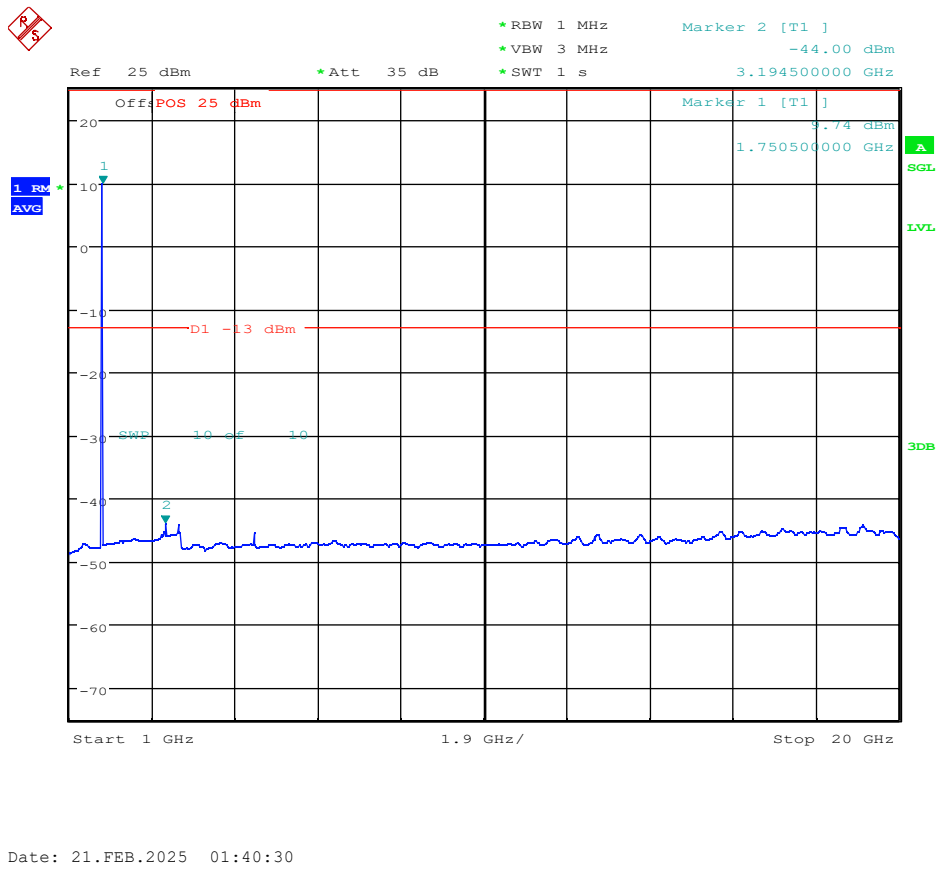
Band4-1513-4-0.009~0.15MHz-PASS



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

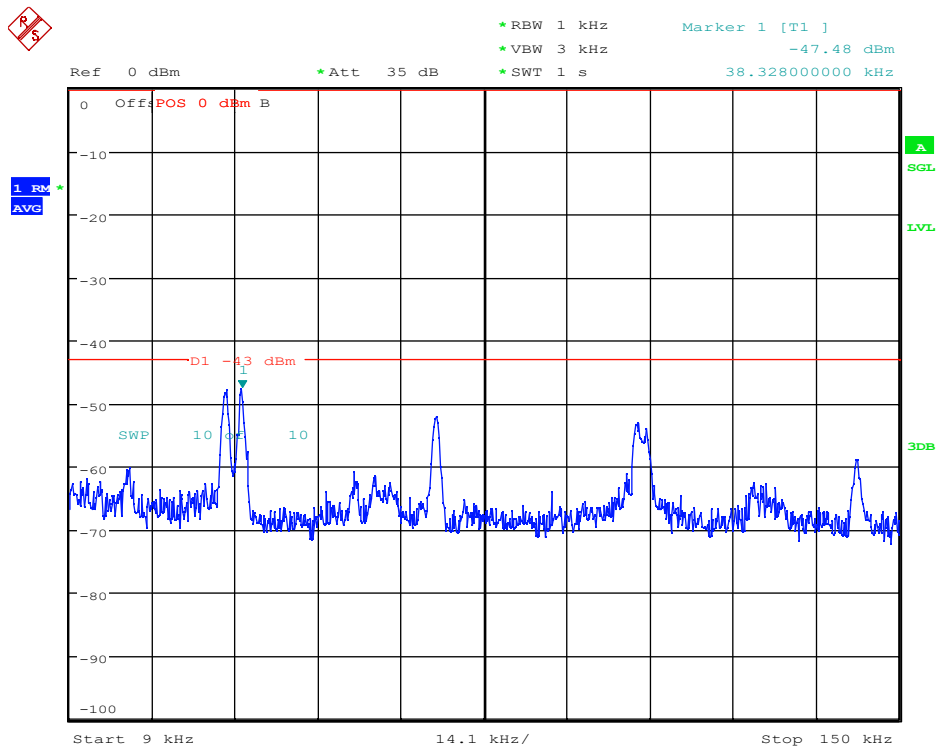


Band4-1513-4-30~1000MHz-PASS



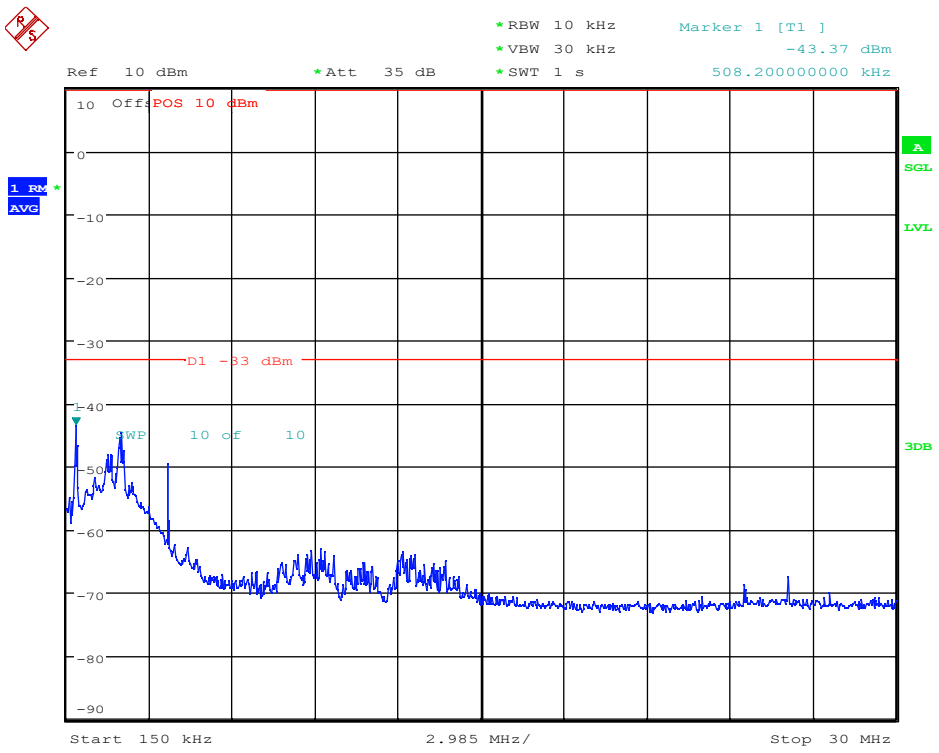
Date: 21.FEB.2025 01:40:30

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



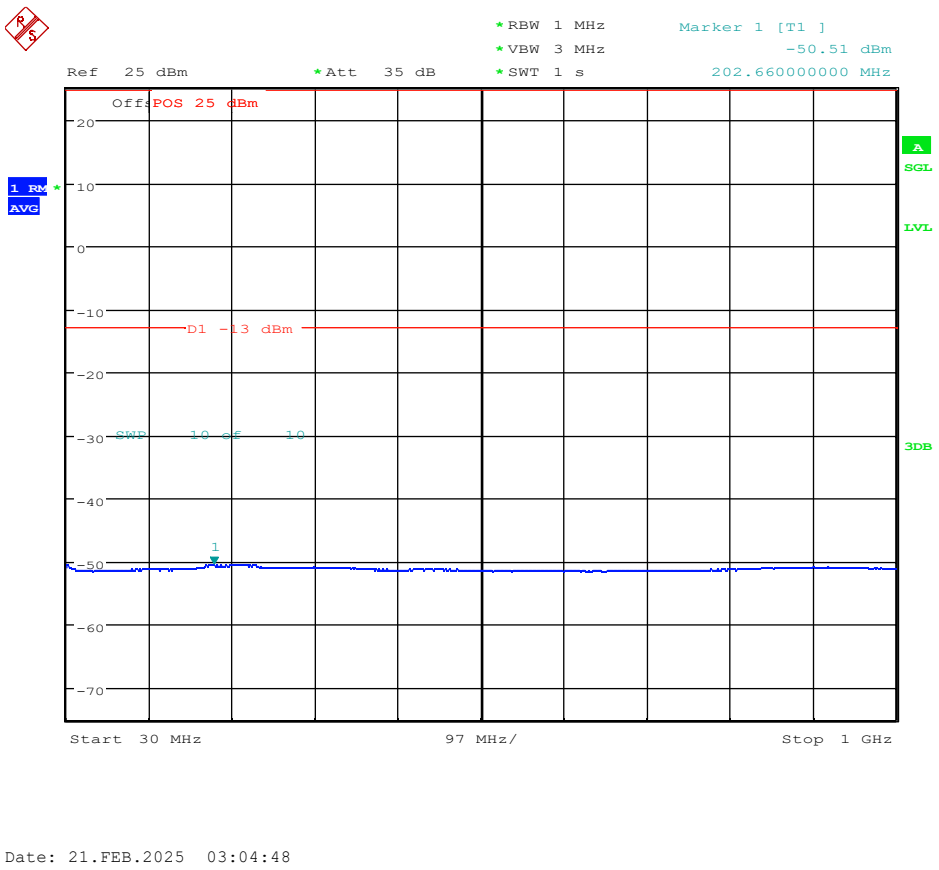
Date: 21.FEB.2025 03:04:15

Band4-1312-1-0.009~0.15MHz-PASS

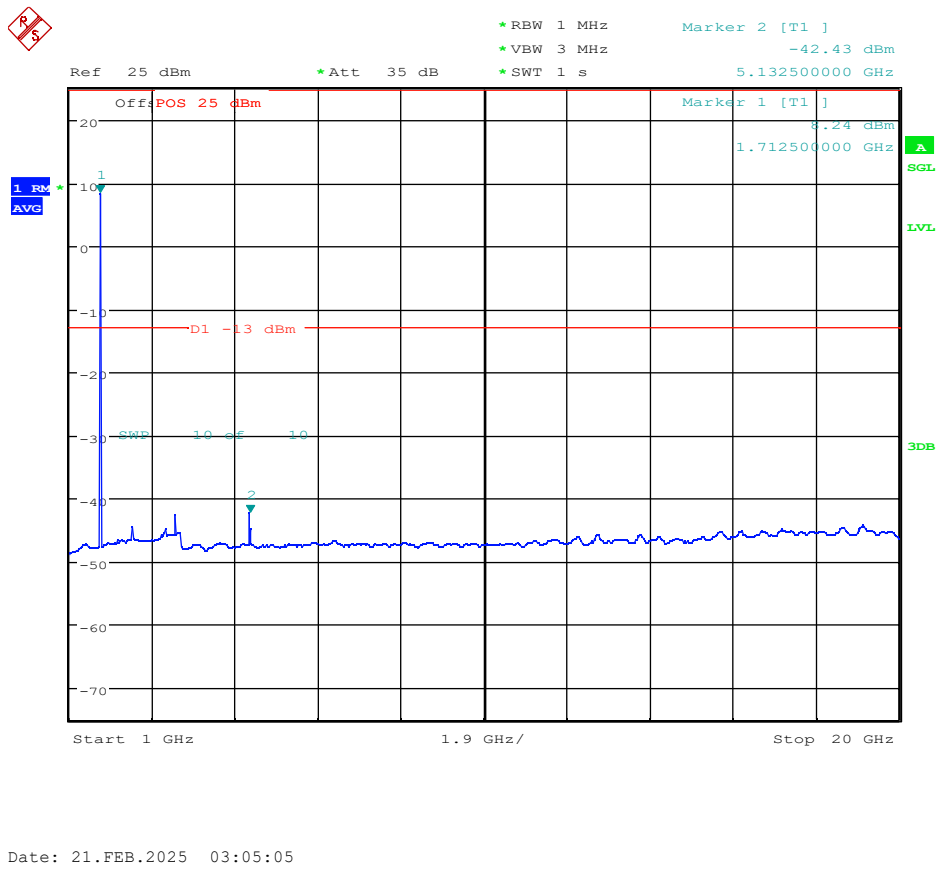


Date: 21.FEB.2025 03:04:32

Band4-1312-1-0.15~30MHz-PASS

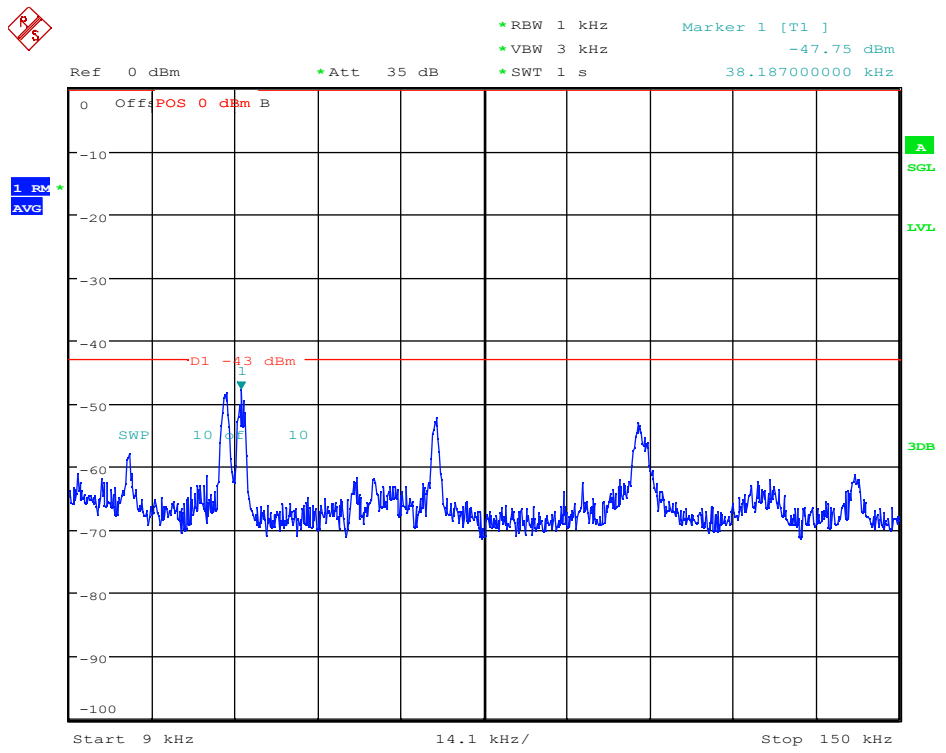


Band4-1312-1-30~1000MHz-PASS



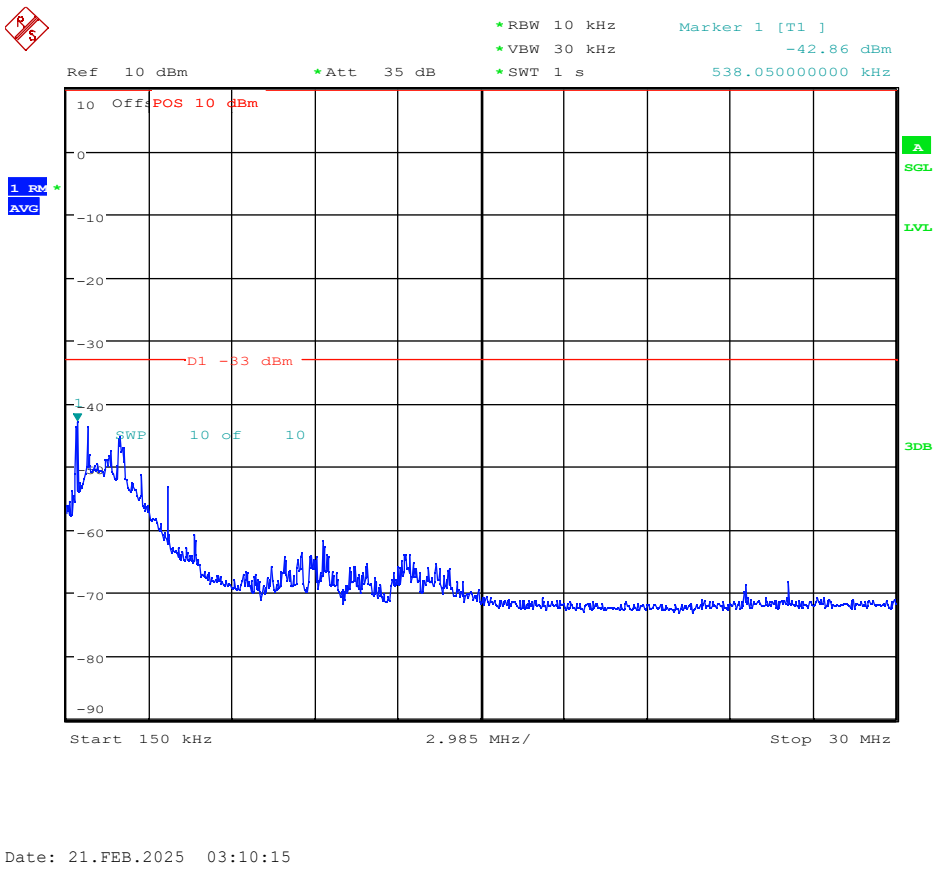
Date: 21.FEB.2025 03:05:05

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

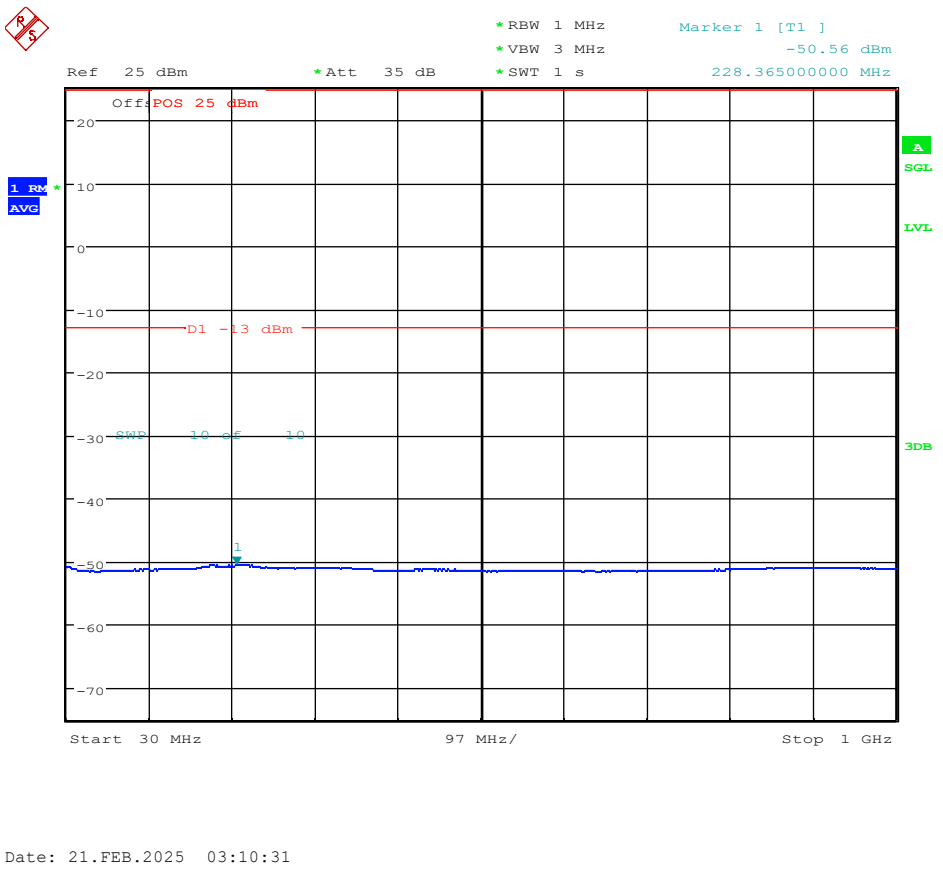


Date: 21.FEB.2025 03:09:58

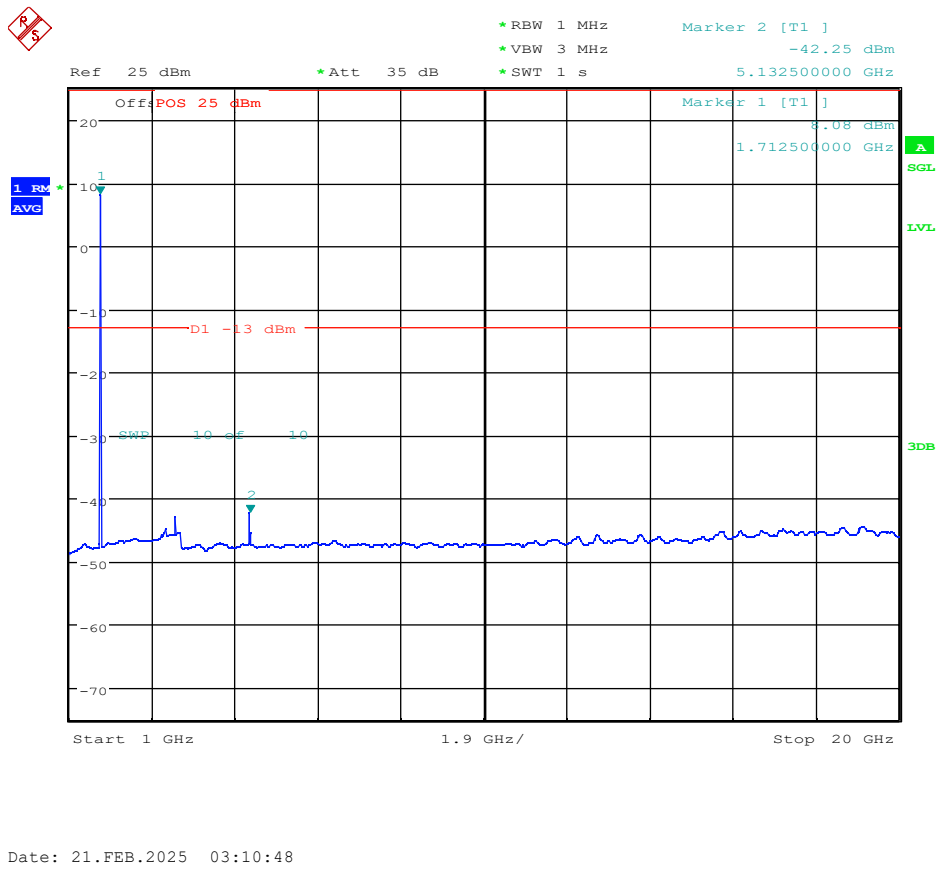
Band4-1312-2-0.009~0.15MHz-PASS



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

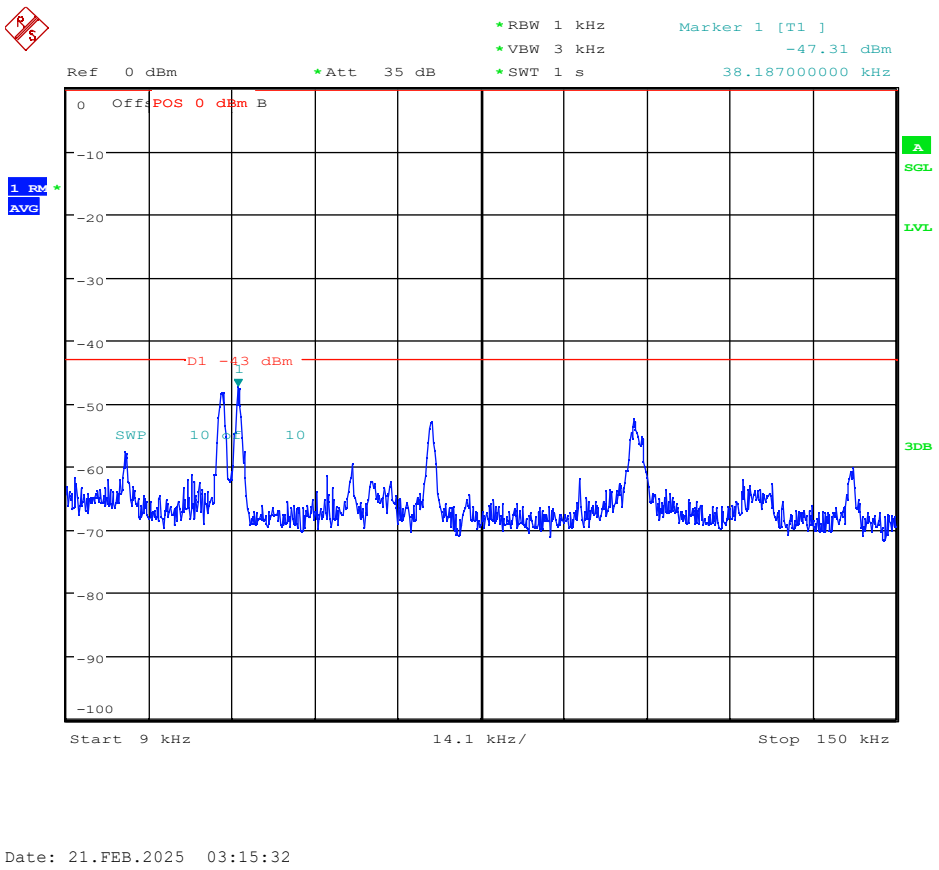


Band4-1312-2-30~1000MHz-PASS

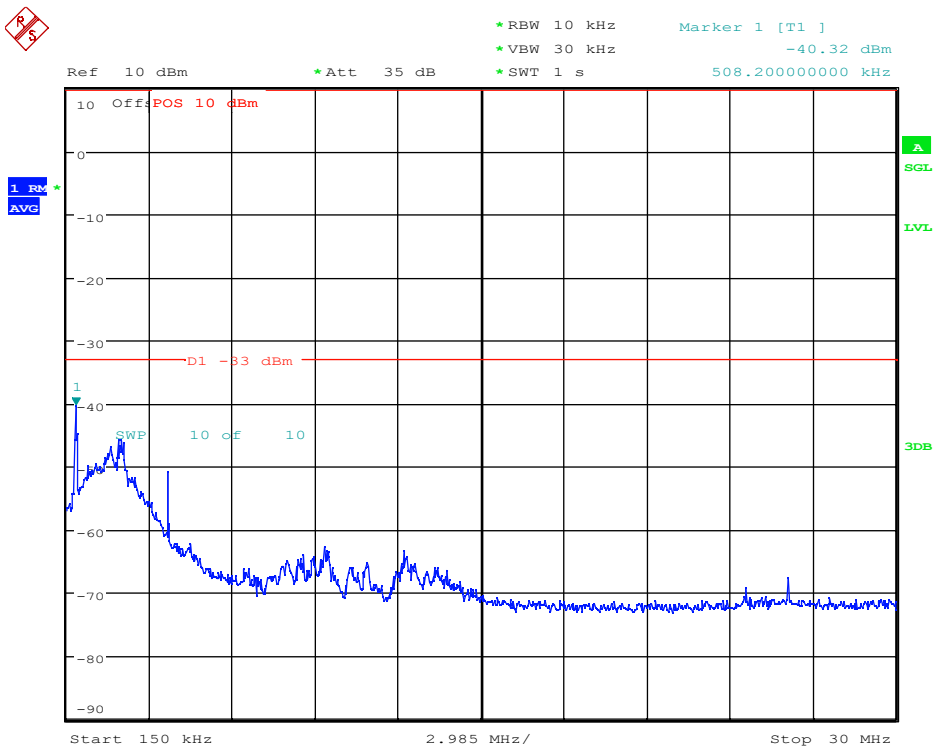


Date: 21.FEB.2025 03:10:48

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

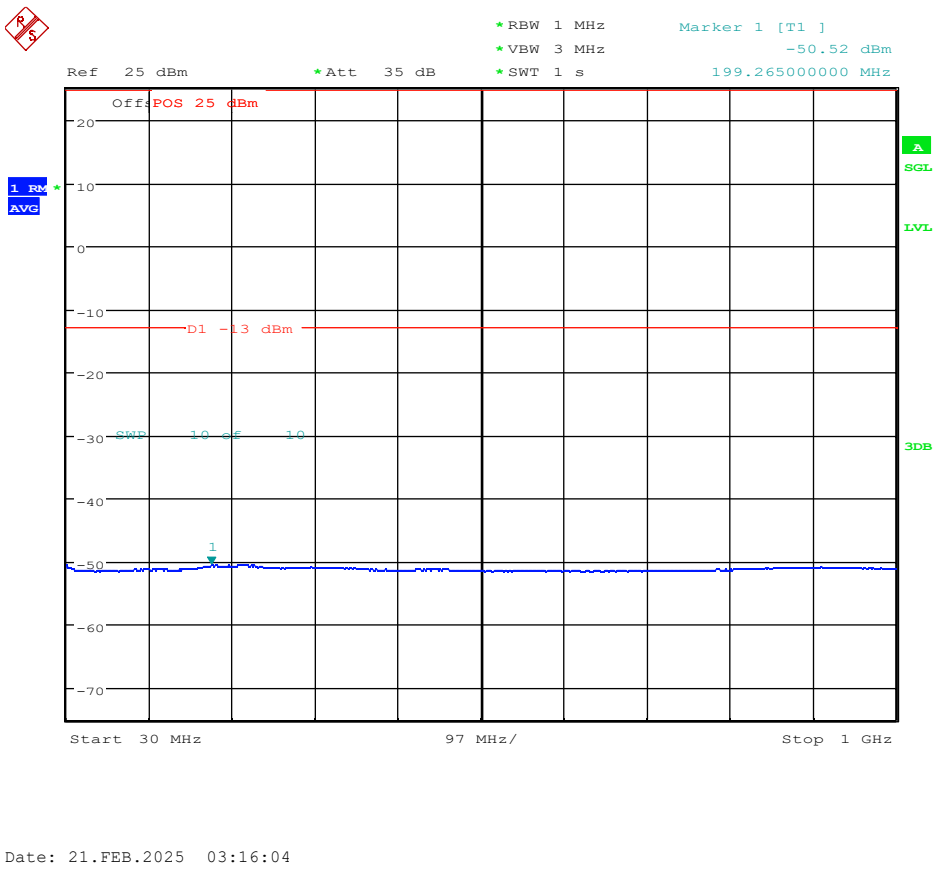


Band4-1312-3-0.009~0.15MHz-PASS

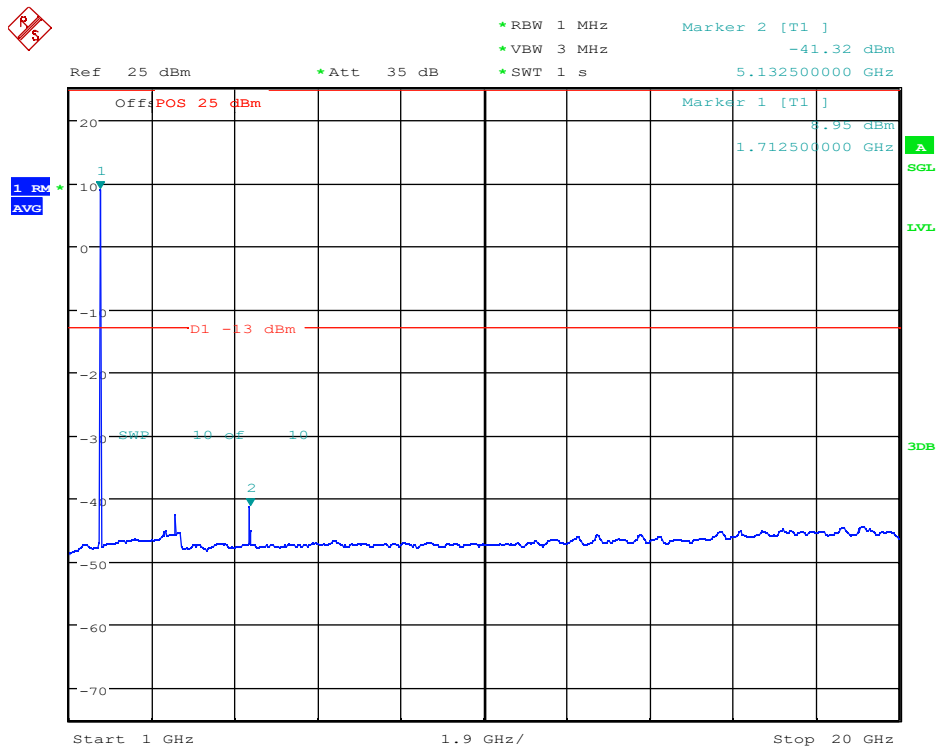


Date: 21.FEB.2025 03:15:48

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

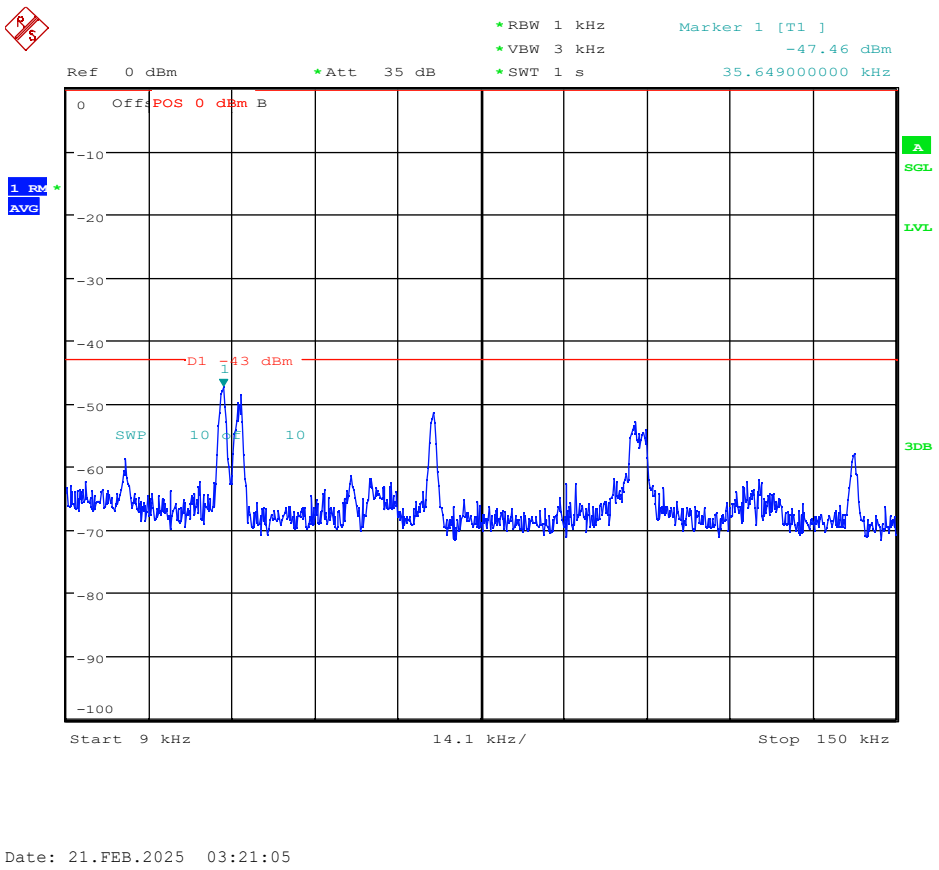


Band4-1312-3-30~1000MHz-PASS



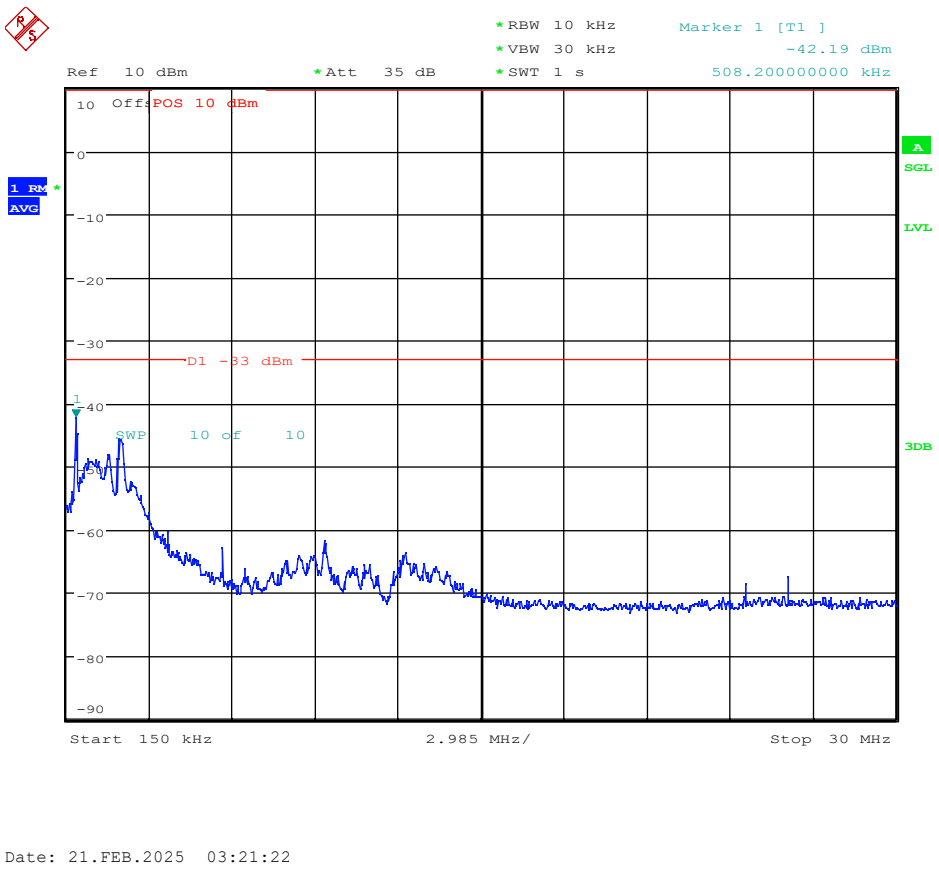
Date: 21.FEB.2025 03:16:21

Band4-1312-3-1000~20000MHz-PASS

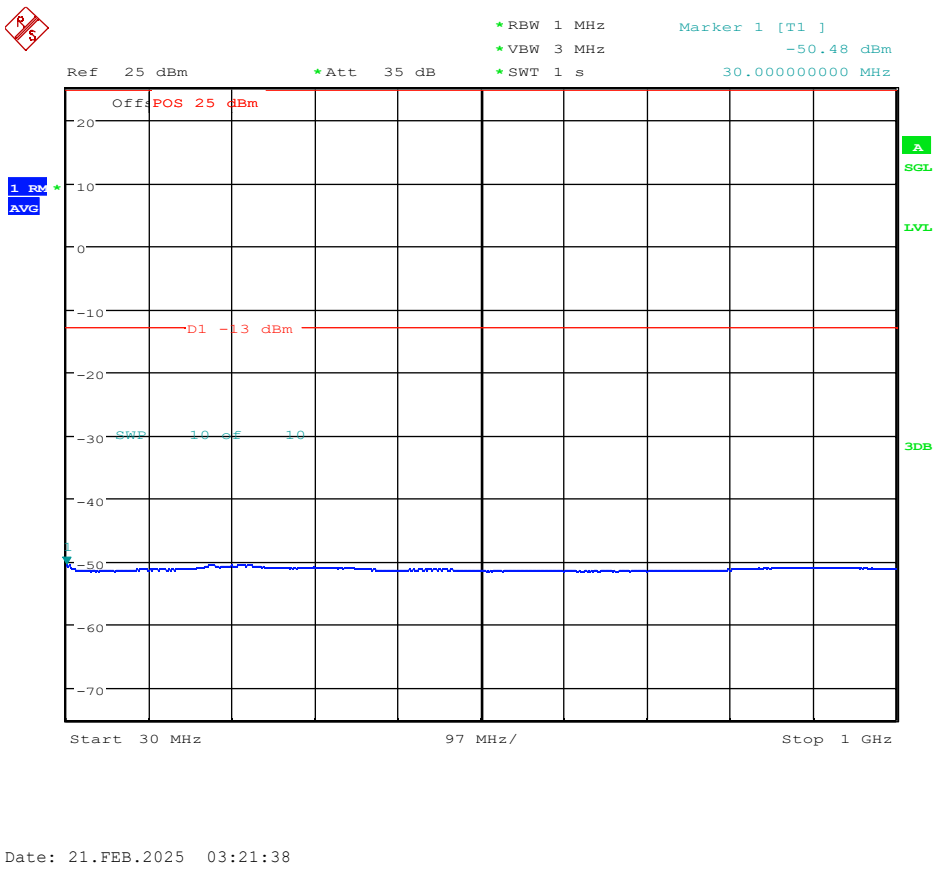


Date: 21.FEB.2025 03:21:05

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

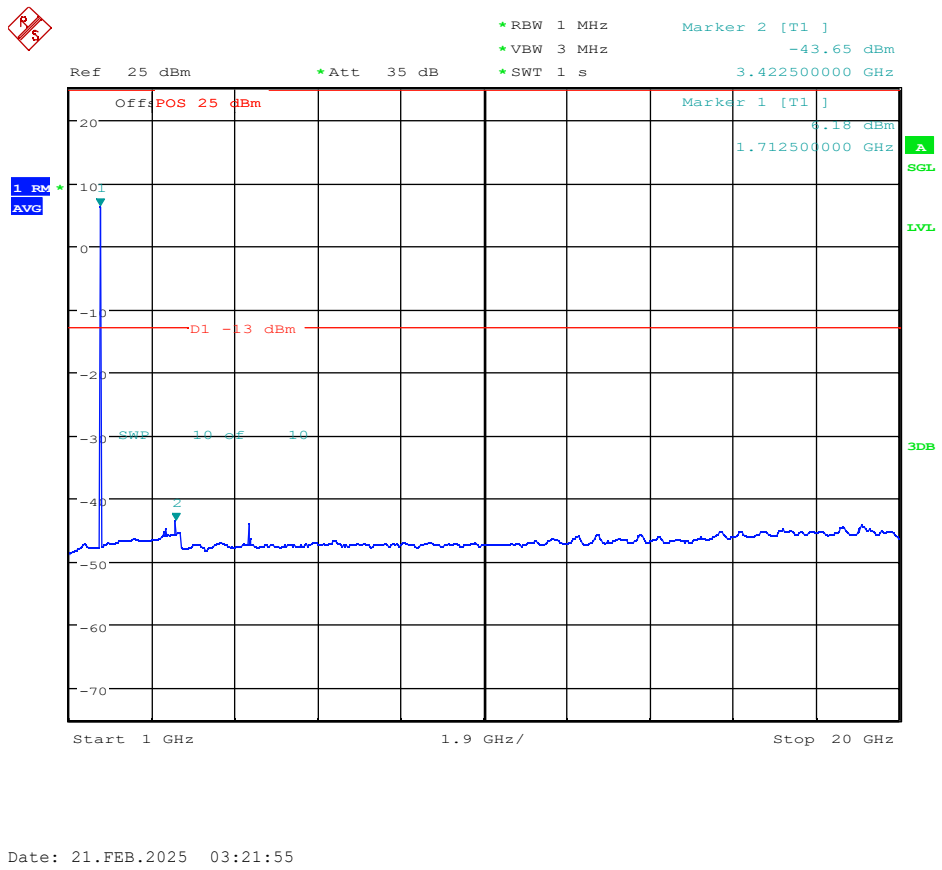


Band4-1312-4-0.15~30MHz-PASS



Date: 21.FEB.2025 03:21:38

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



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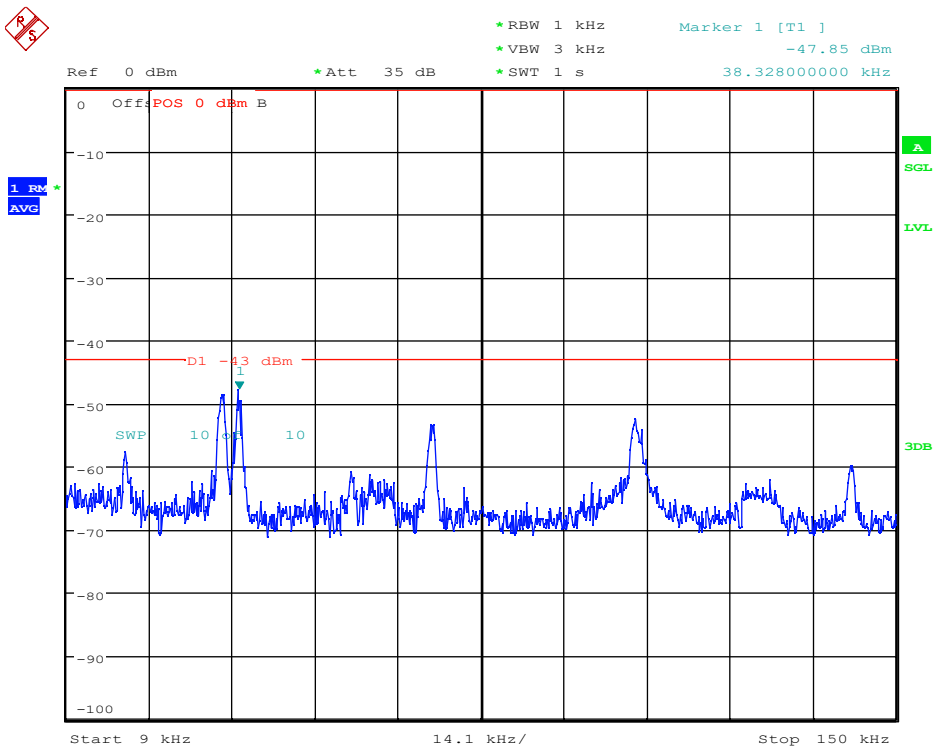
Band4-1312-4-1000~20000MHz-PASS



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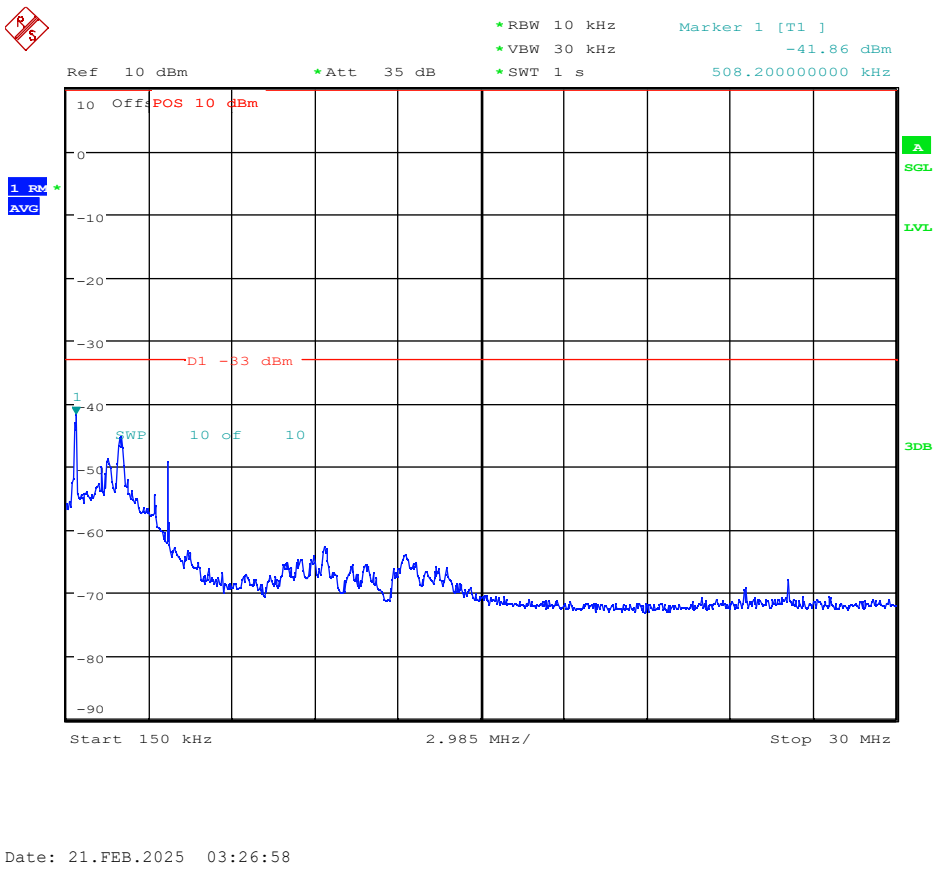
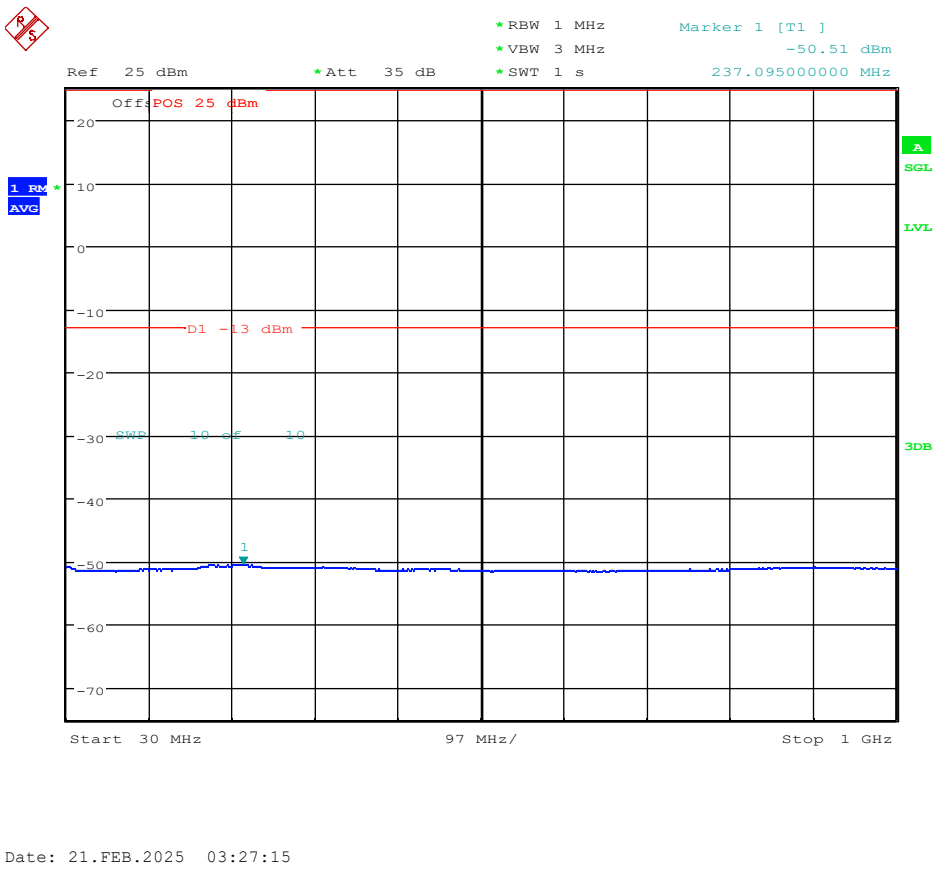
Band4-1312-5-0.009~0.15MHz-PASS



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



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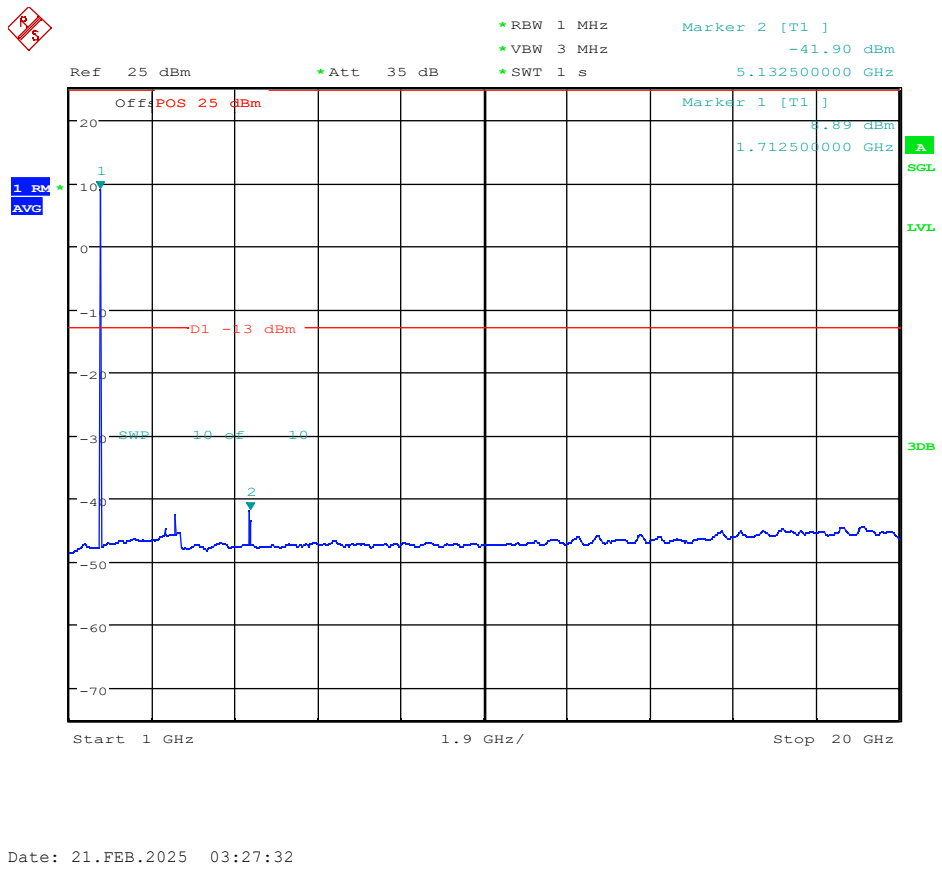
Band4-1312-5-30~1000MHz-PASS



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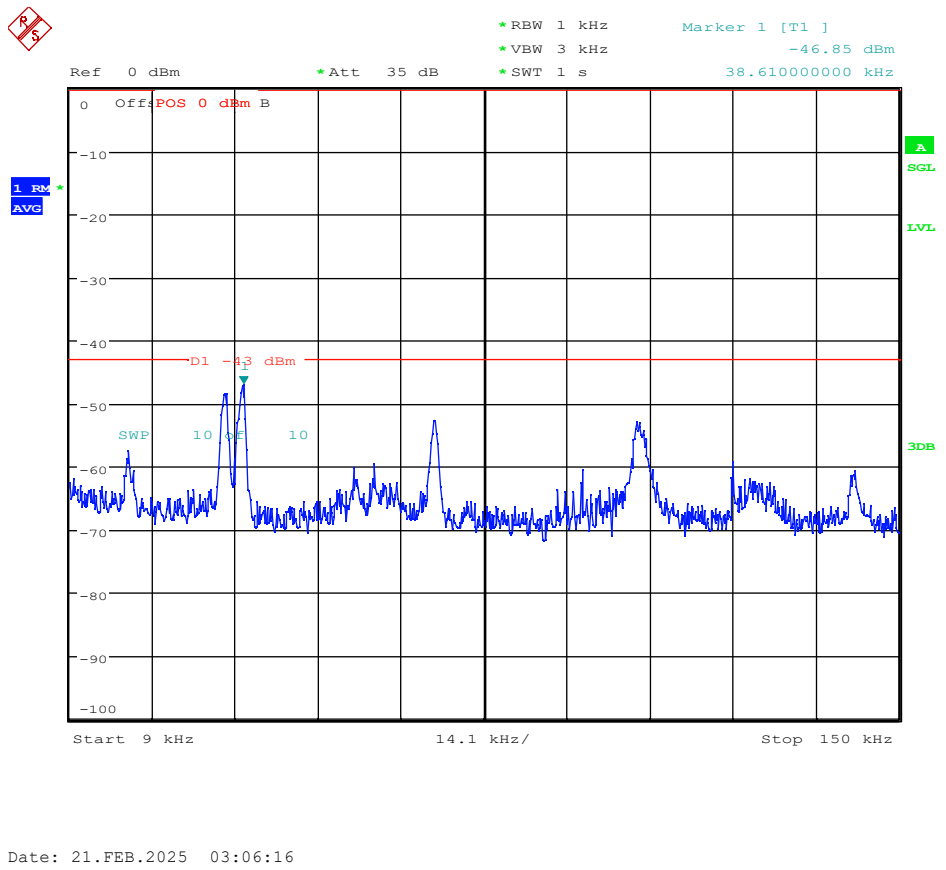
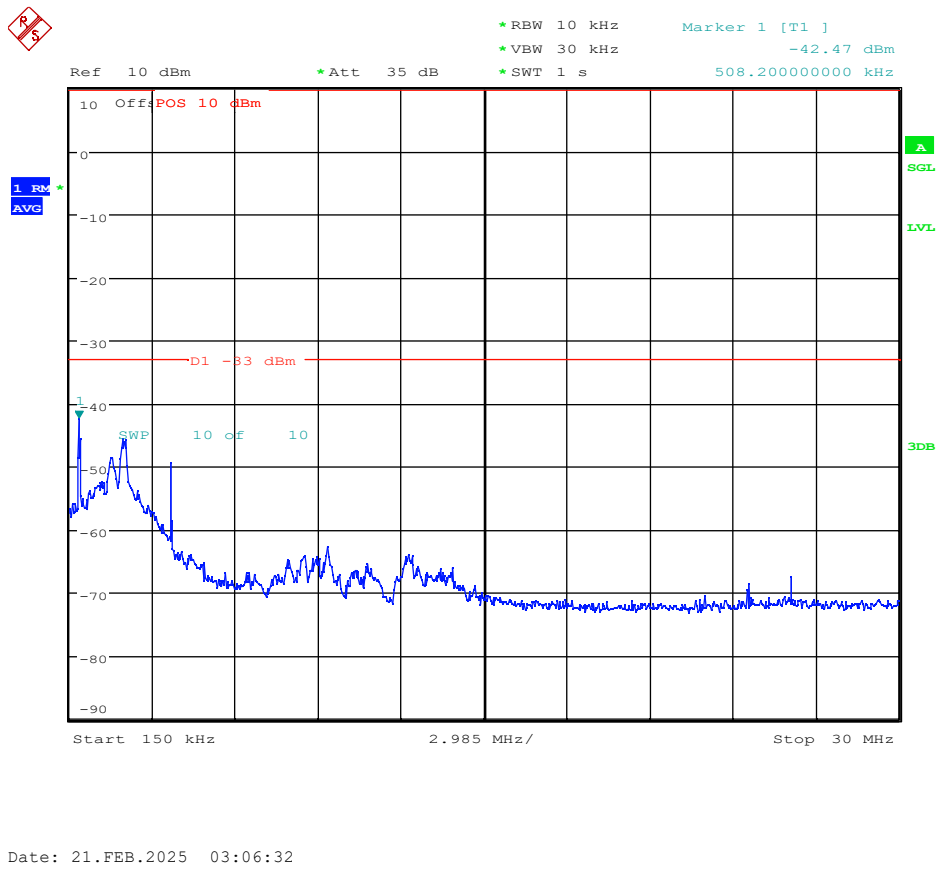
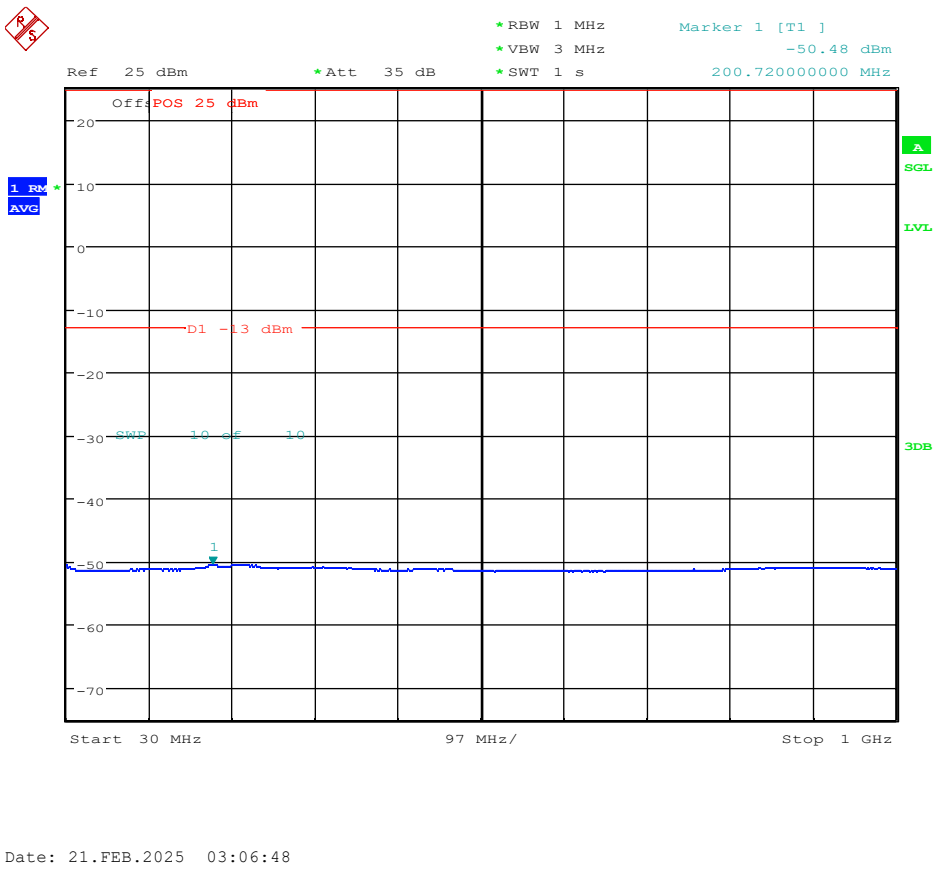
Band4-1312-5-1000~20000MHz-PASS



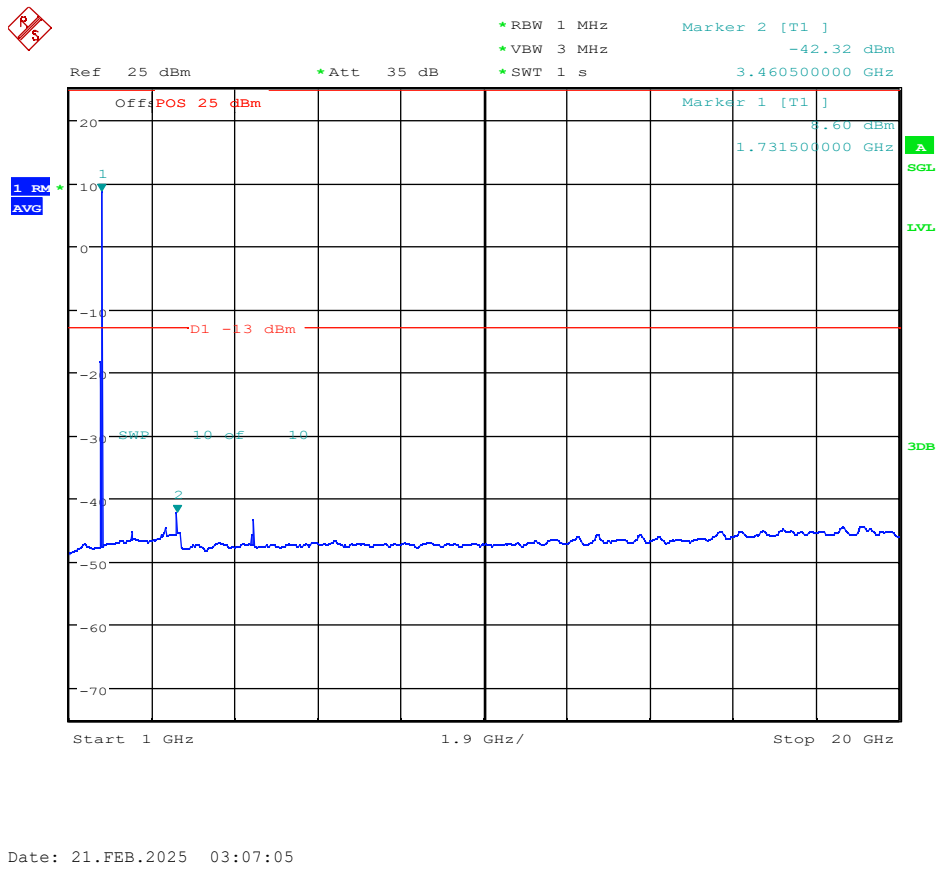
Band4-1413-1-0.009~0.15MHz-PASS



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



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



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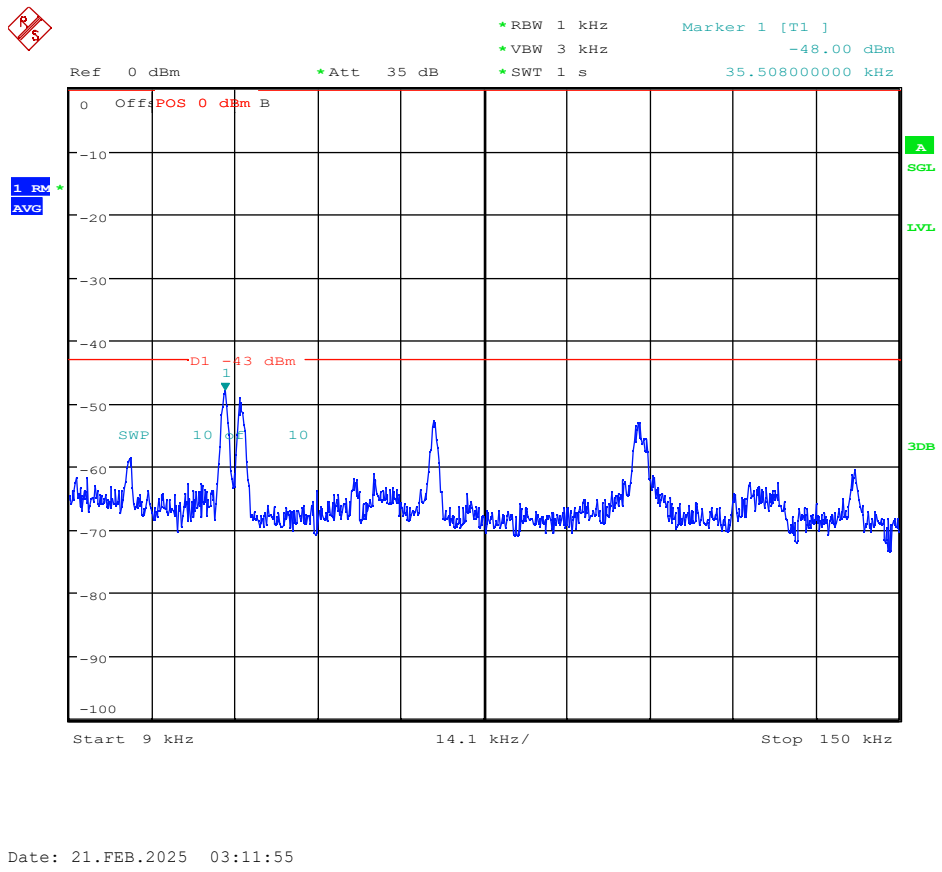
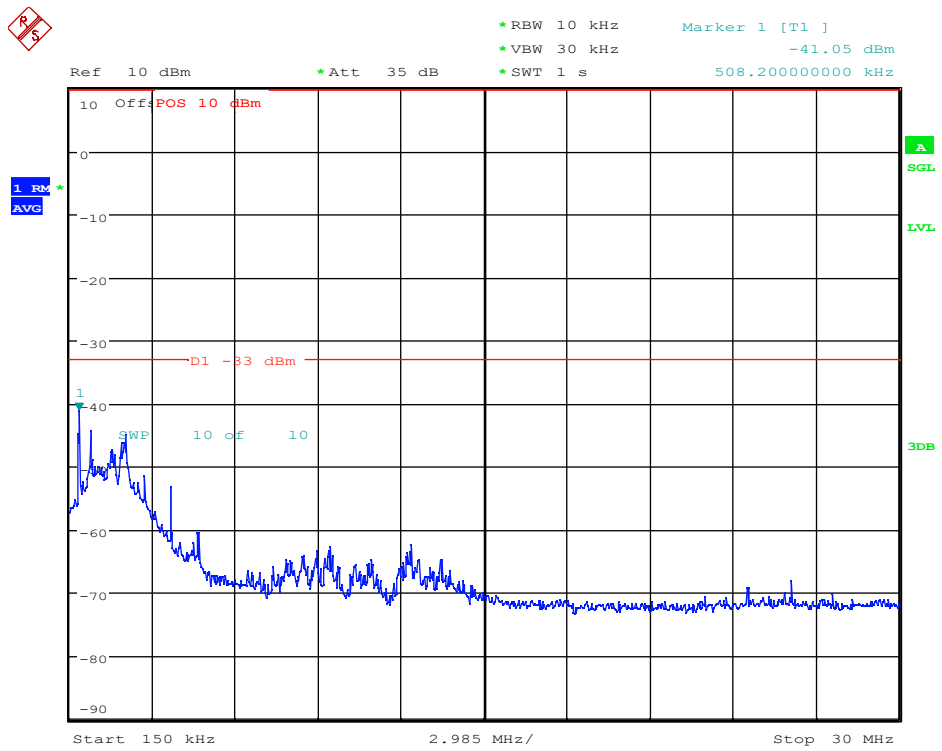
Band4-1413-1-1000~20000MHz-PASS

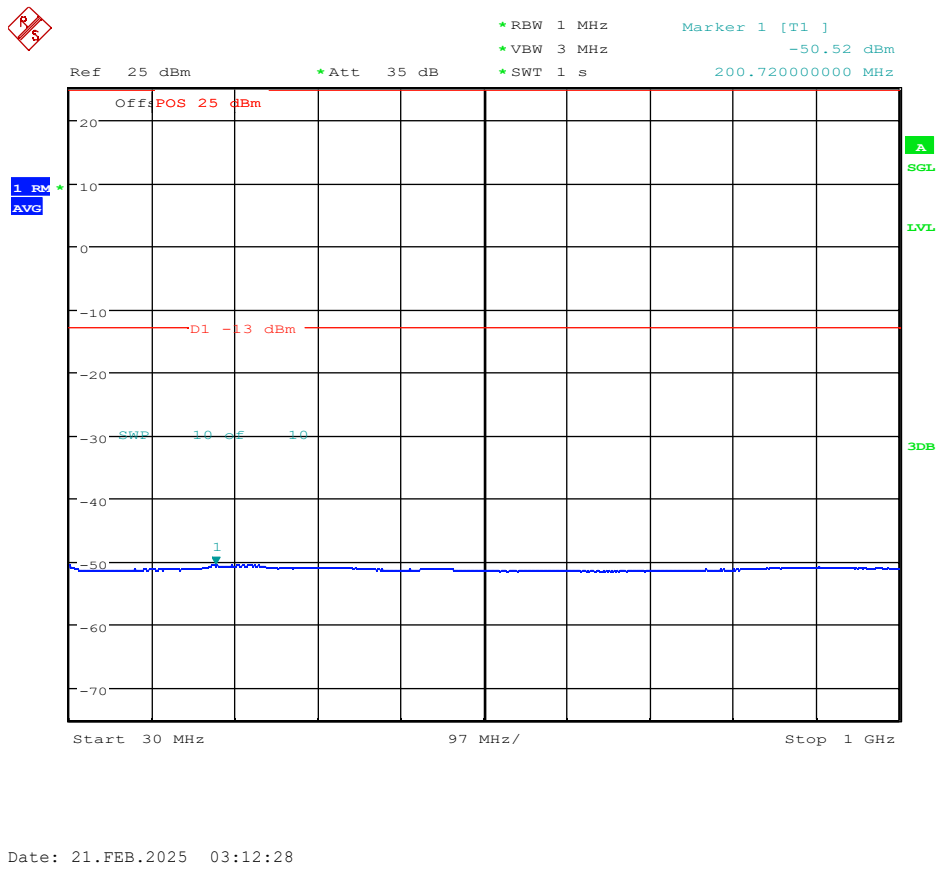


Band4-1413-2-0.009~0.15MHz-PASS

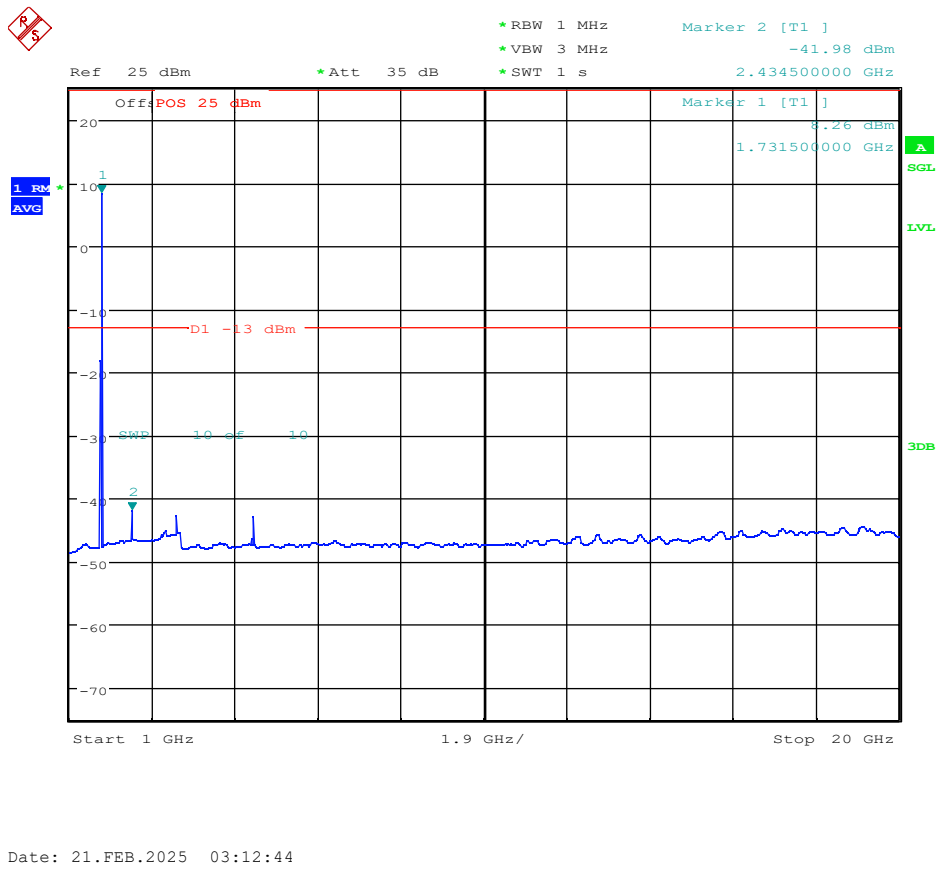


Date: 21.FEB.2025 03:12:11

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

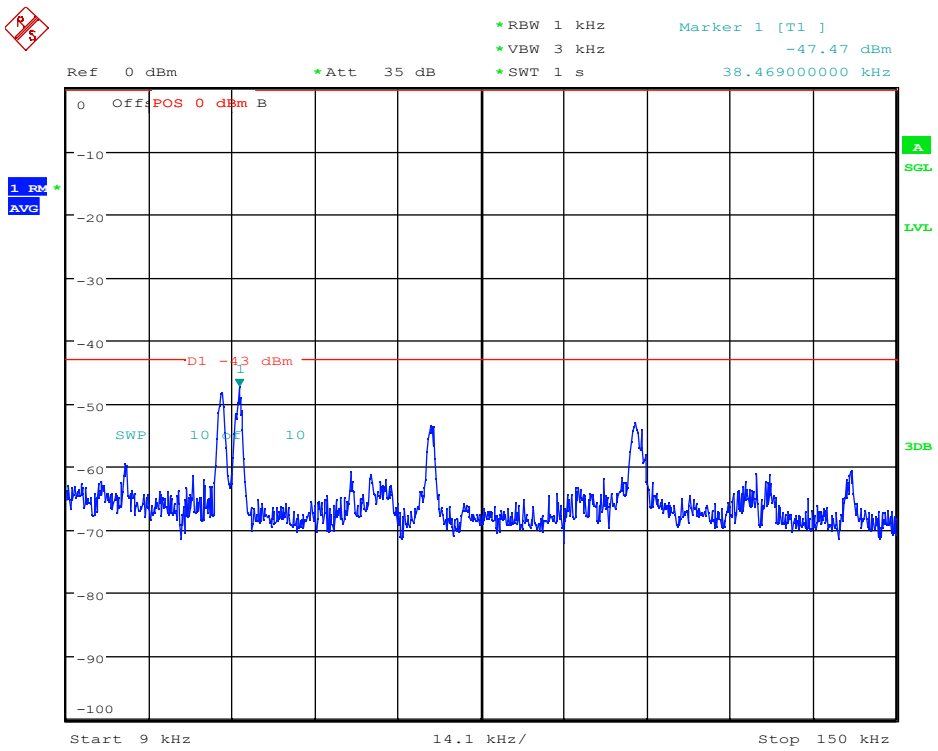


Band4-1413-2-30~1000MHz-PASS



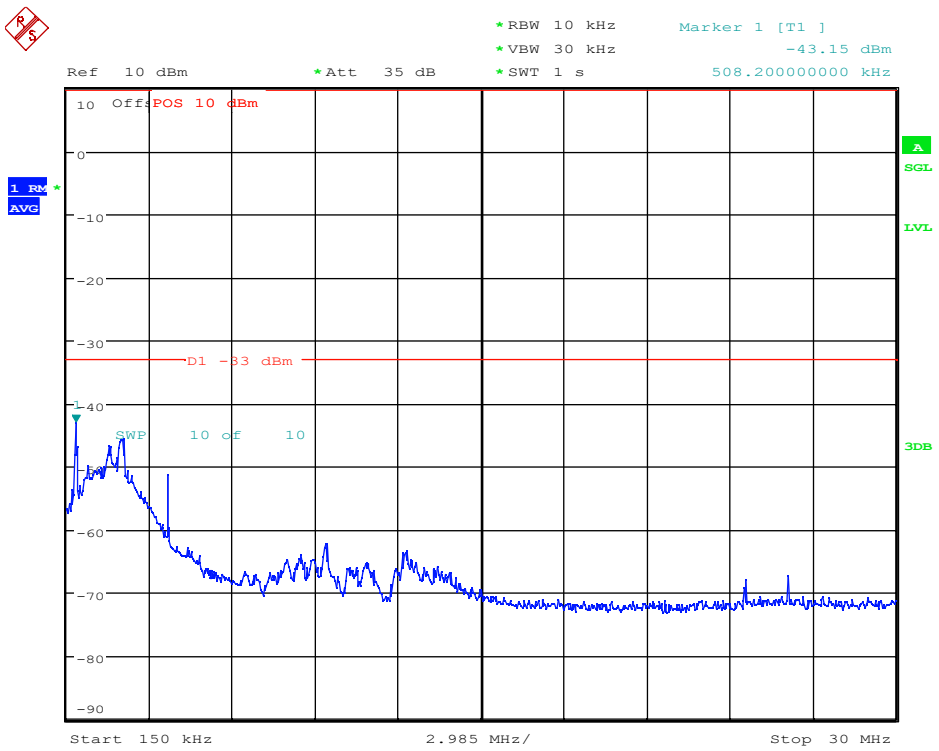
Date: 21.FEB.2025 03:12:44

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



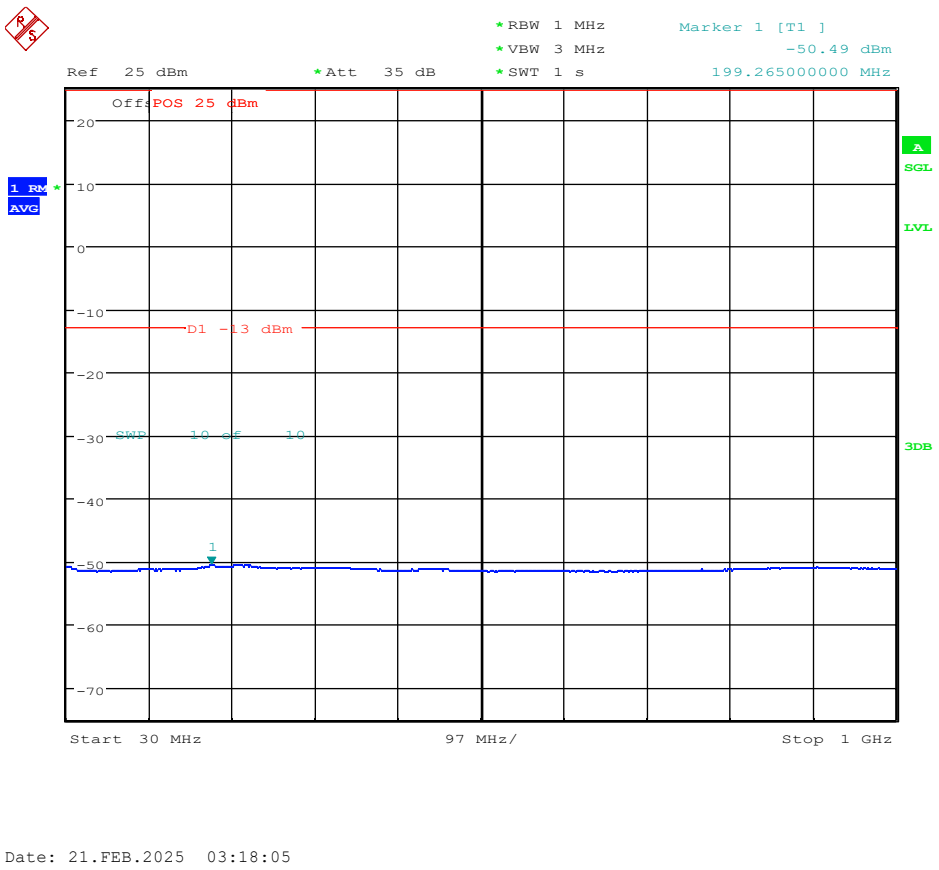
Date: 21.FEB.2025 03:17:32

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

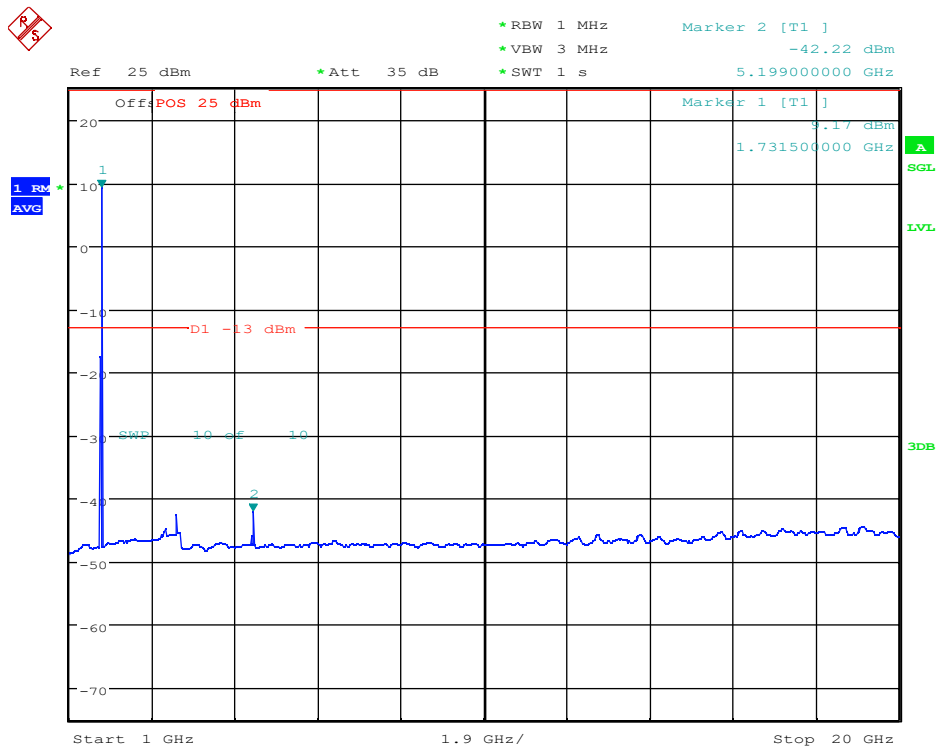


Date: 21.FEB.2025 03:17:48

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

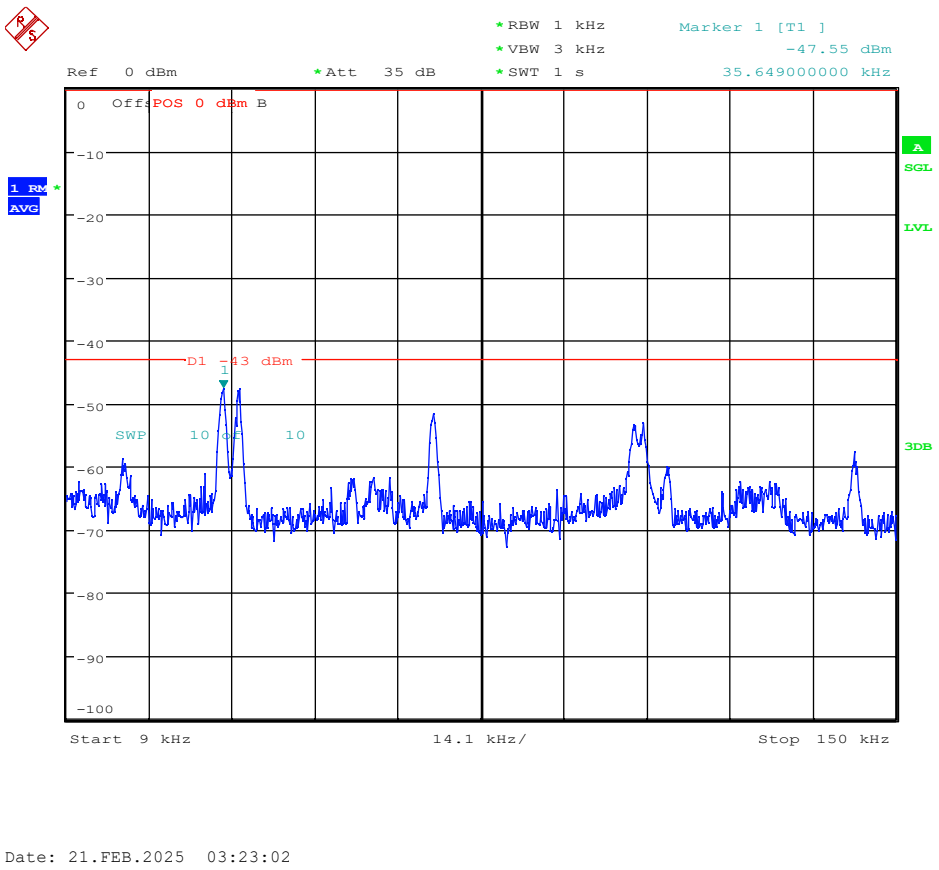


Band4-1413-3-30~1000MHz-PASS

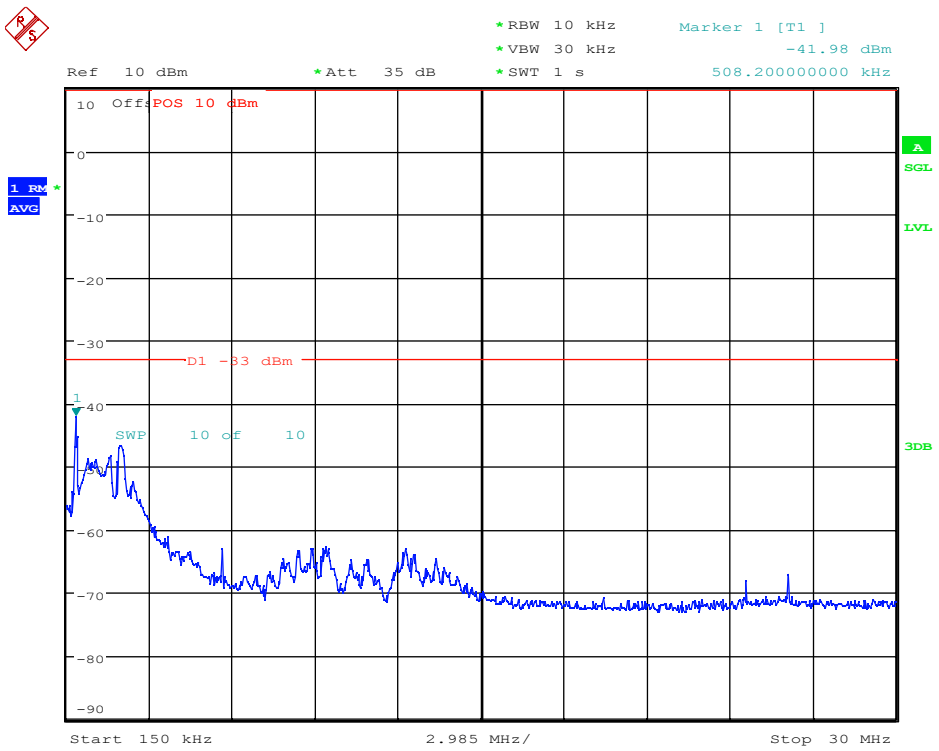


Date: 21.FEB.2025 03:18:22

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

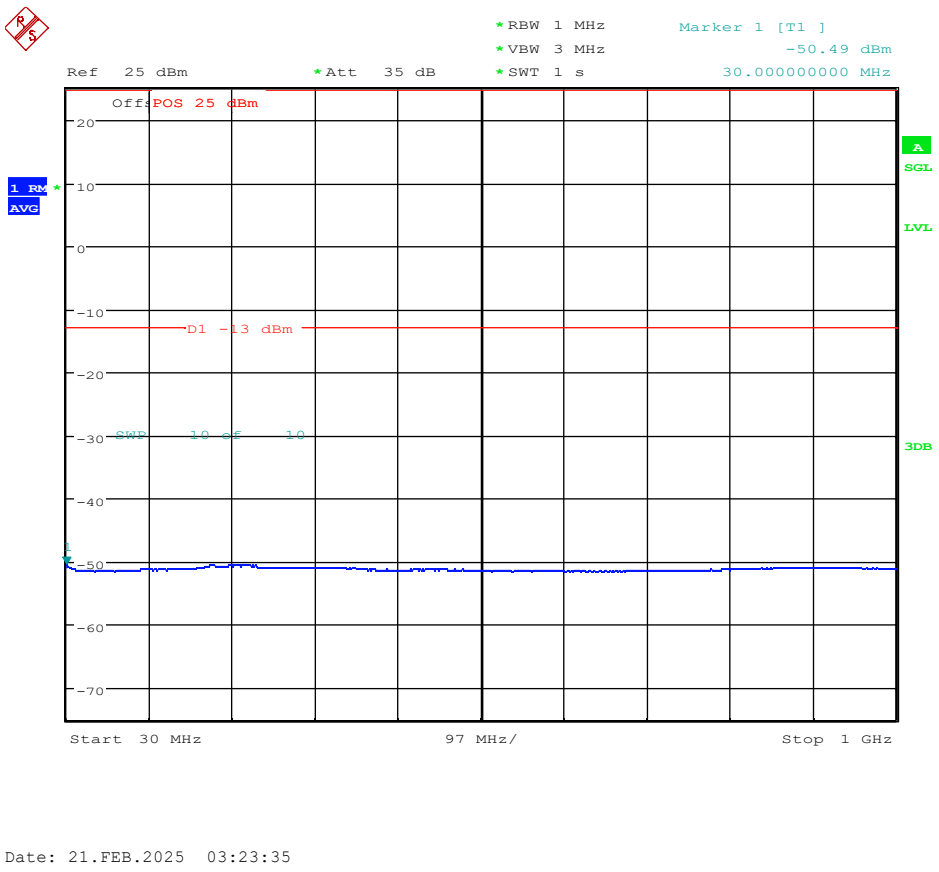


Band4-1413-4-0.009~0.15MHz-PASS

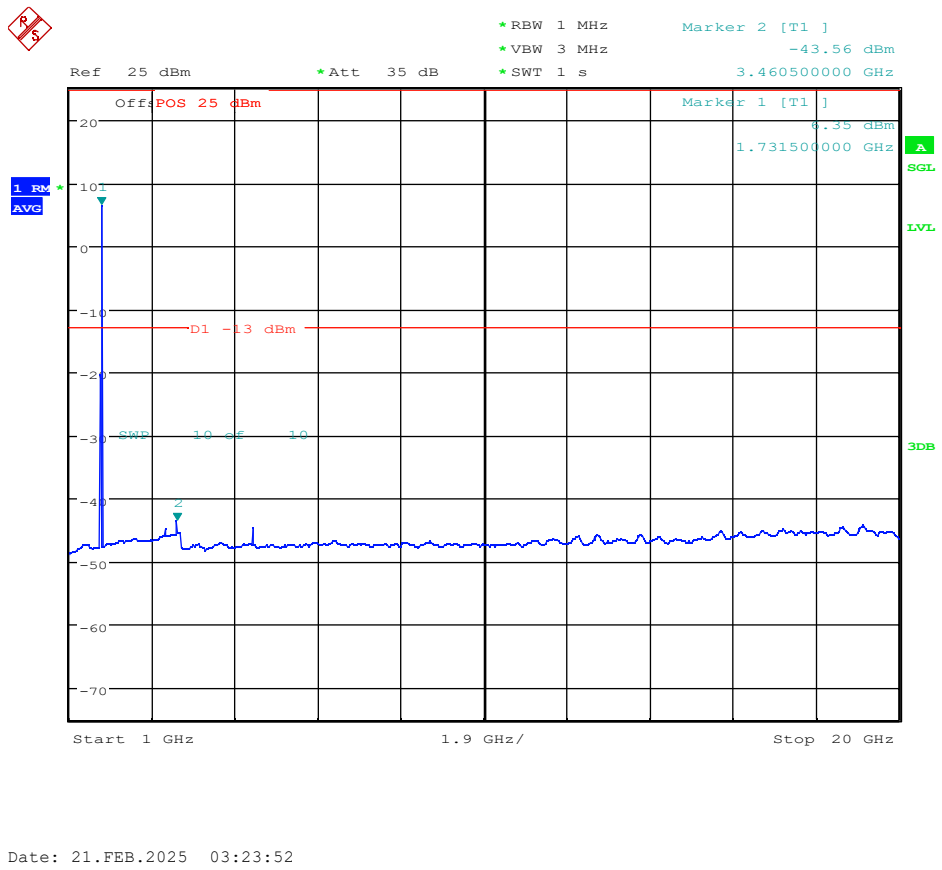


Date: 21.FEB.2025 03:23:19

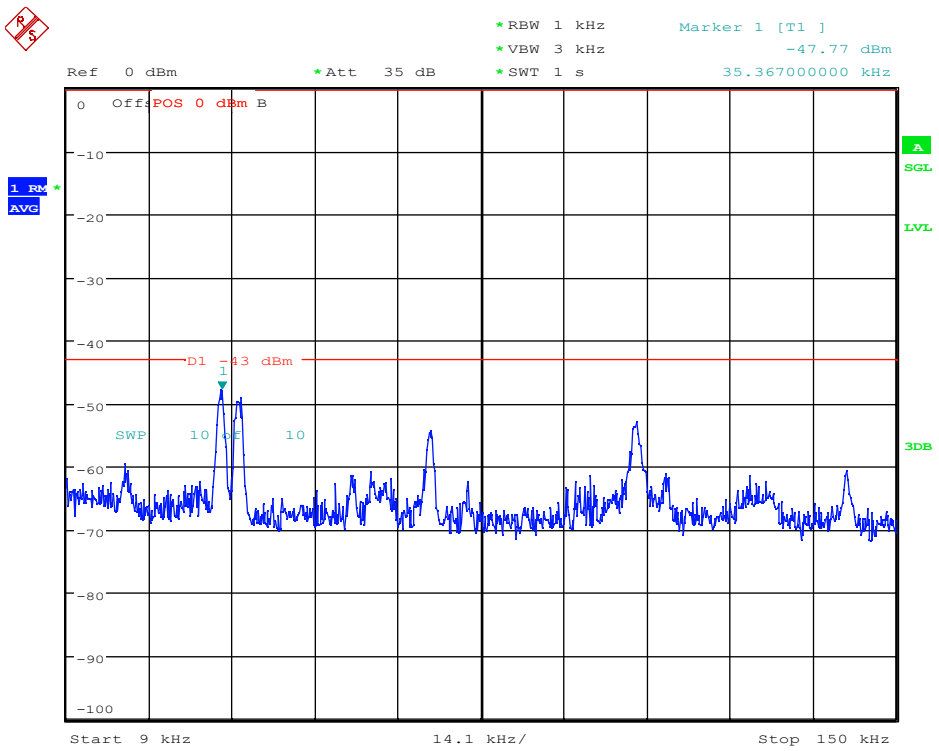
Band4-1413-4-0.15~30MHz-PASS



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

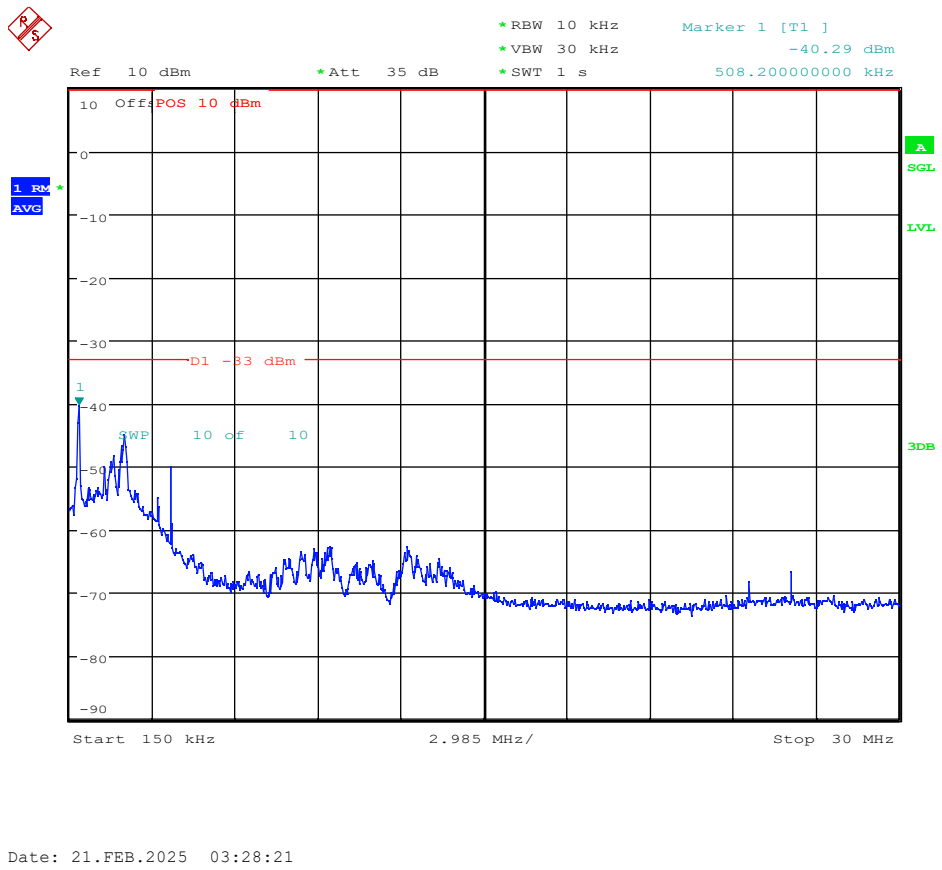


Band4-1413-4-1000~20000MHz-PASS

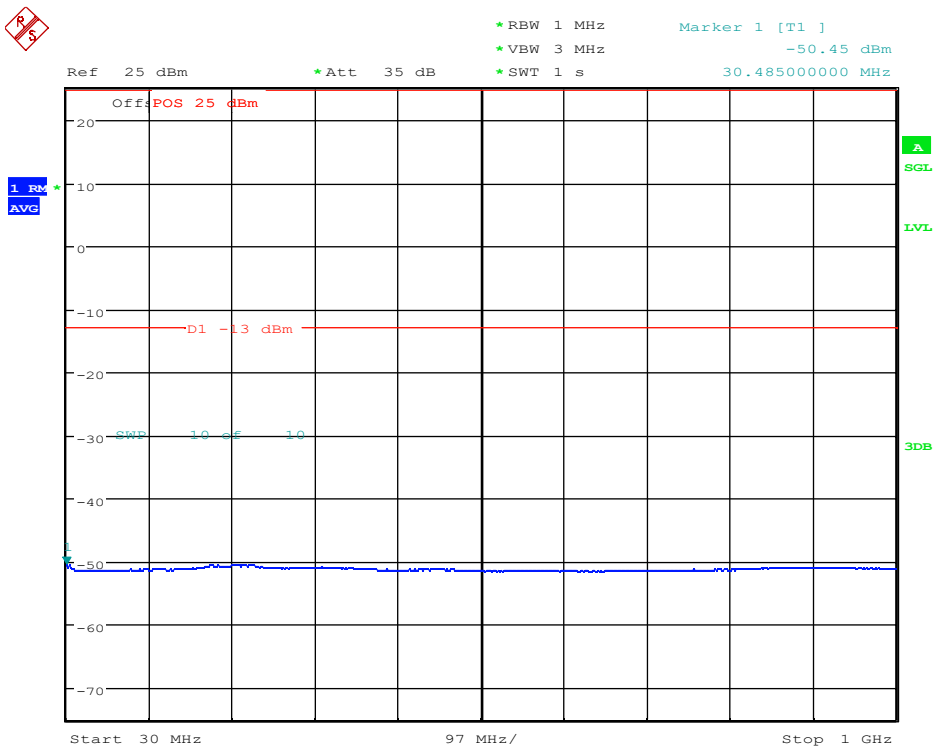


Date: 21.FEB.2025 03:28:05

Band4-1413-5-0.009~0.15MHz-PASS

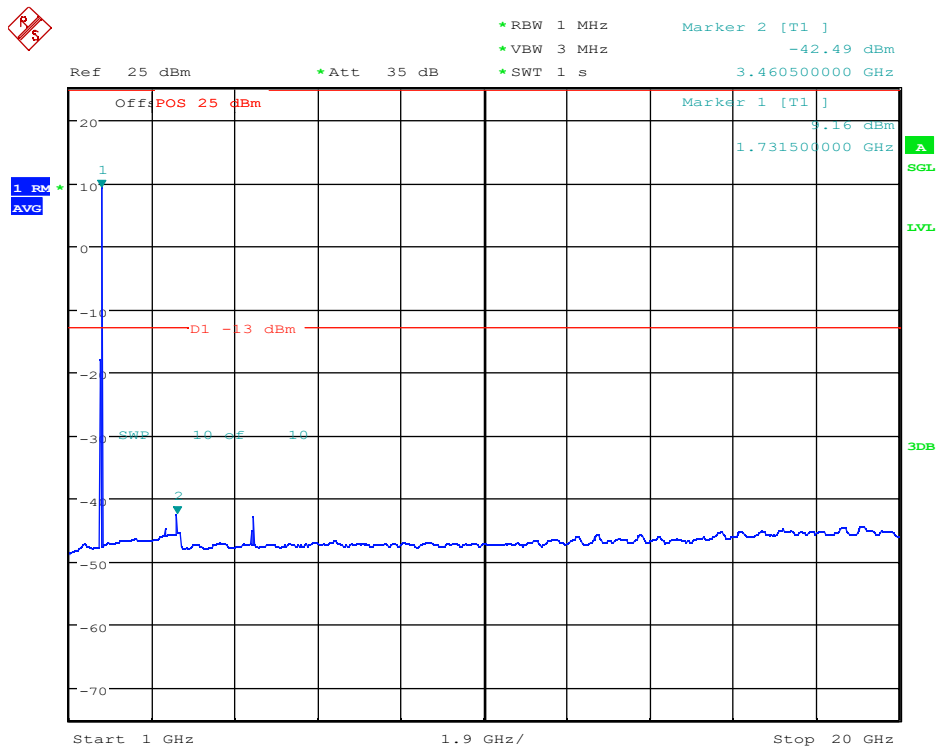


Band4-1413-5-0.15~30MHz-PASS



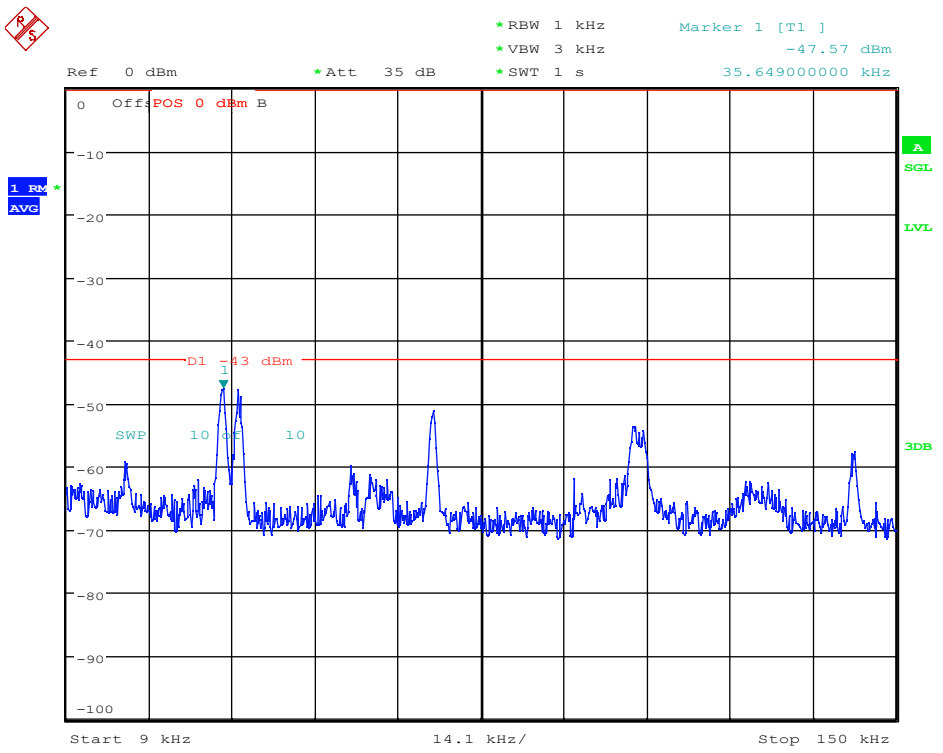
Date: 21.FEB.2025 03:28:37

Band4-1413-5-30~1000MHz-PASS



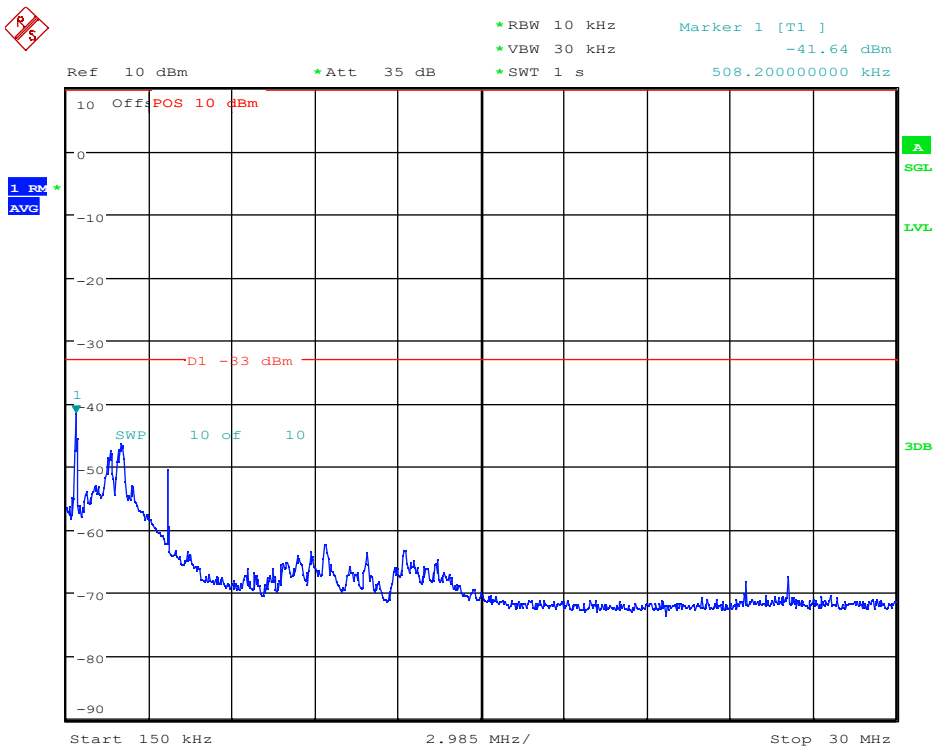
Date: 21.FEB.2025 03:28:54

Band4-1413-5-1000~20000MHz-PASS



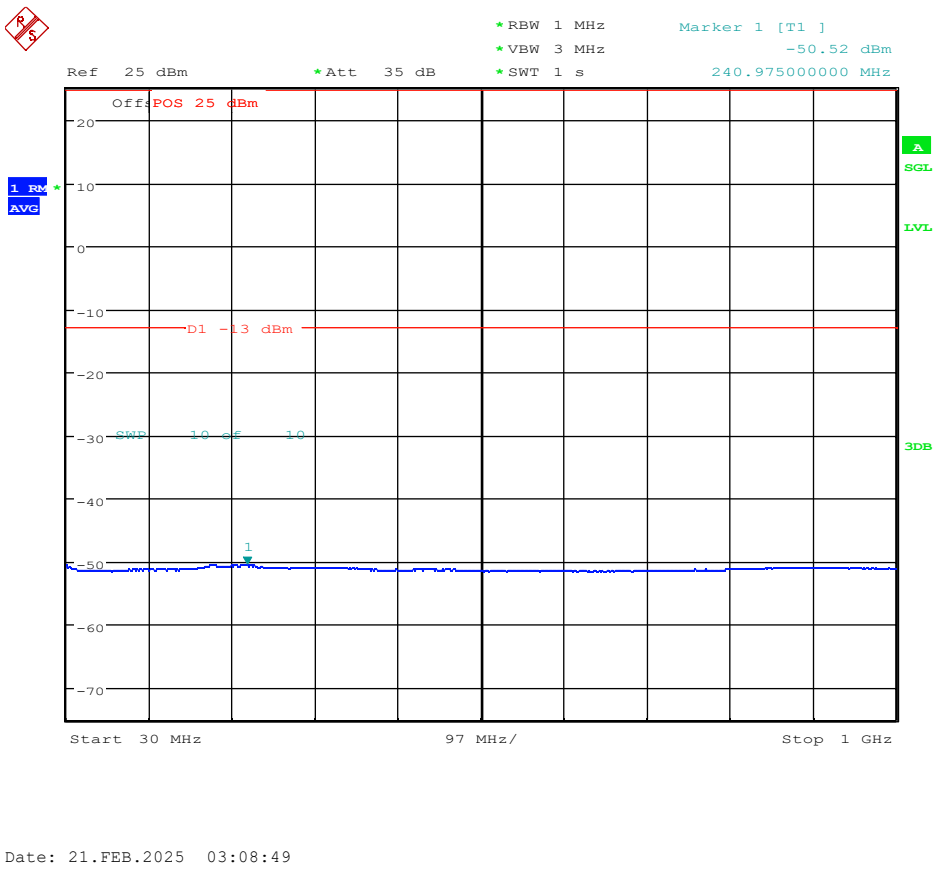
Date: 21.FEB.2025 03:08:16

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

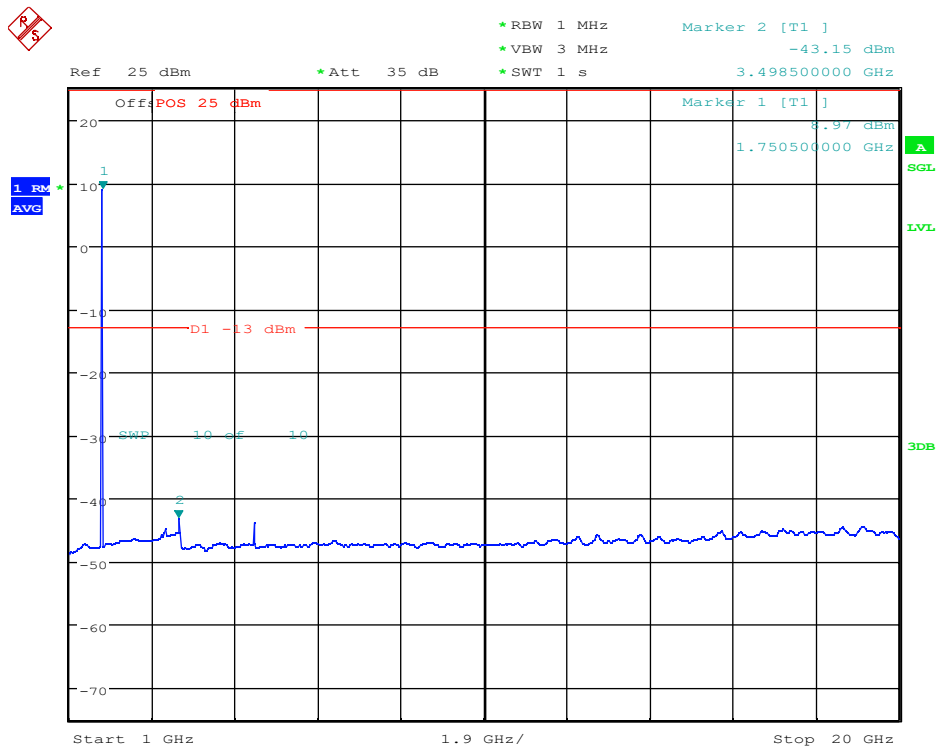


Date: 21.FEB.2025 03:08:33

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

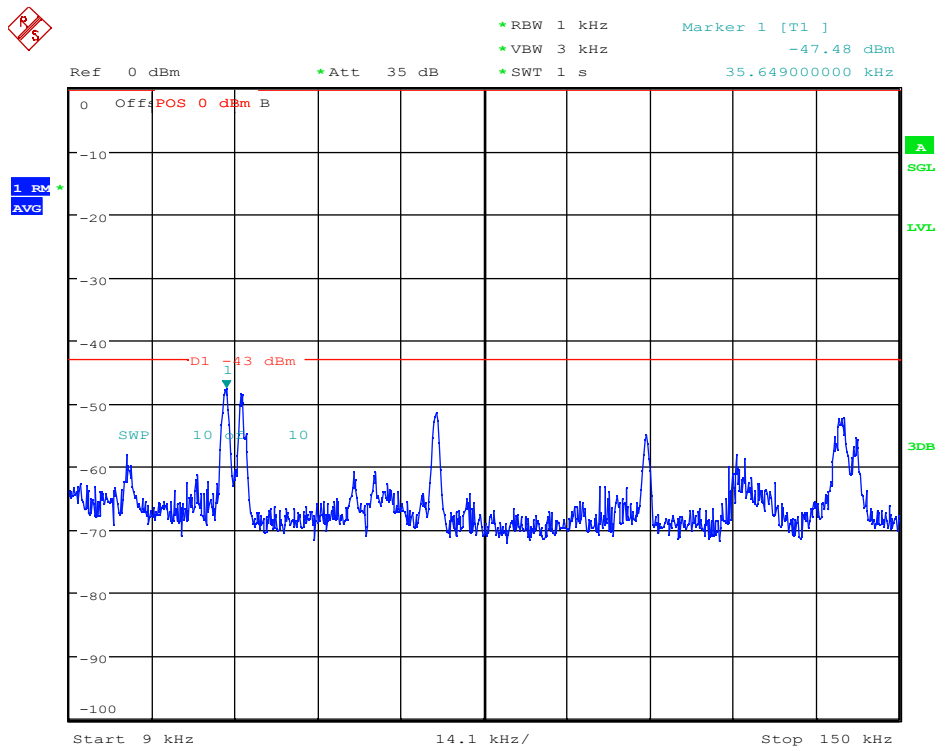


Band4-1513-1-30~1000MHz-PASS



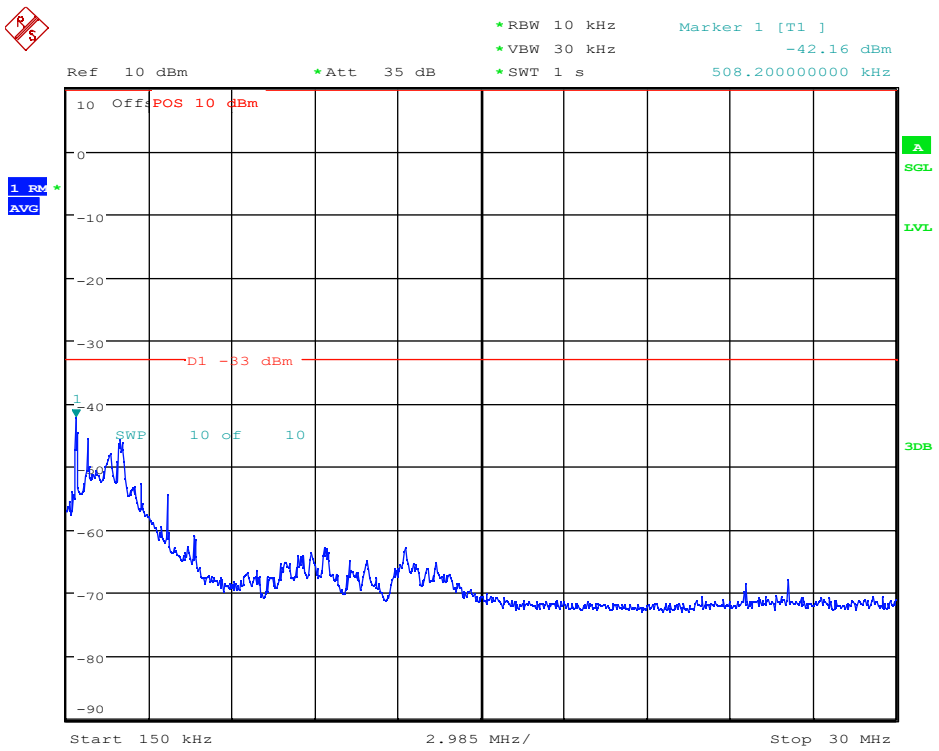
Date: 21.FEB.2025 03:09:06

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



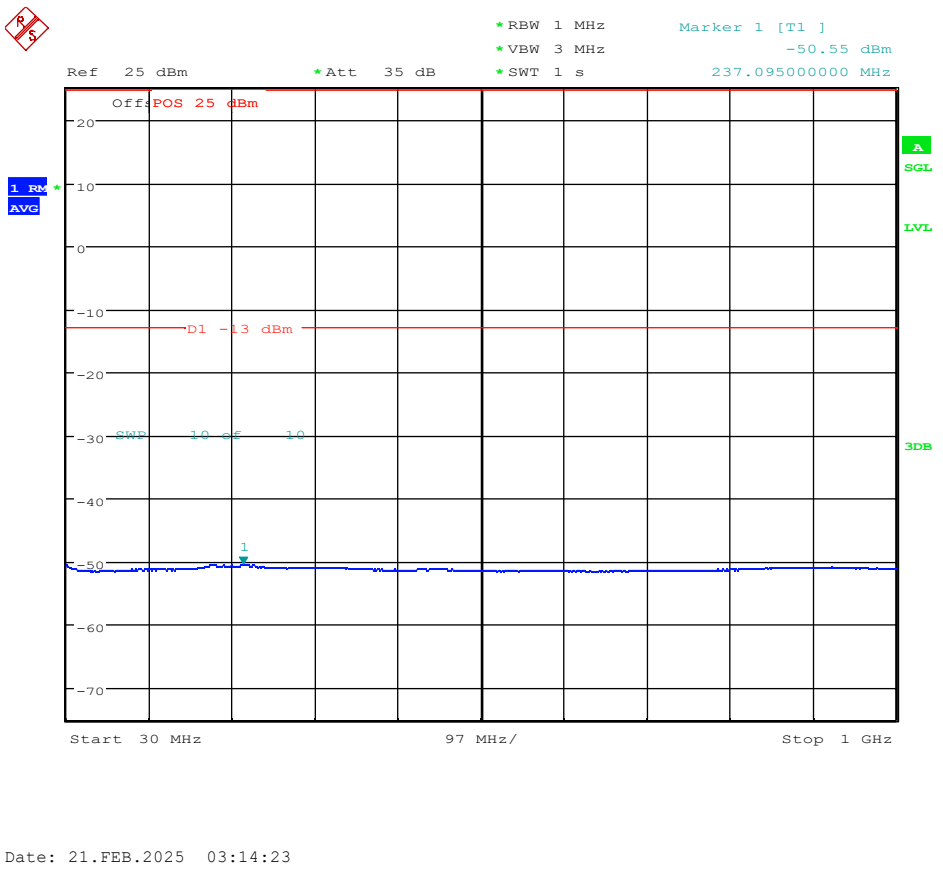
Date: 21.FEB.2025 03:13:50

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

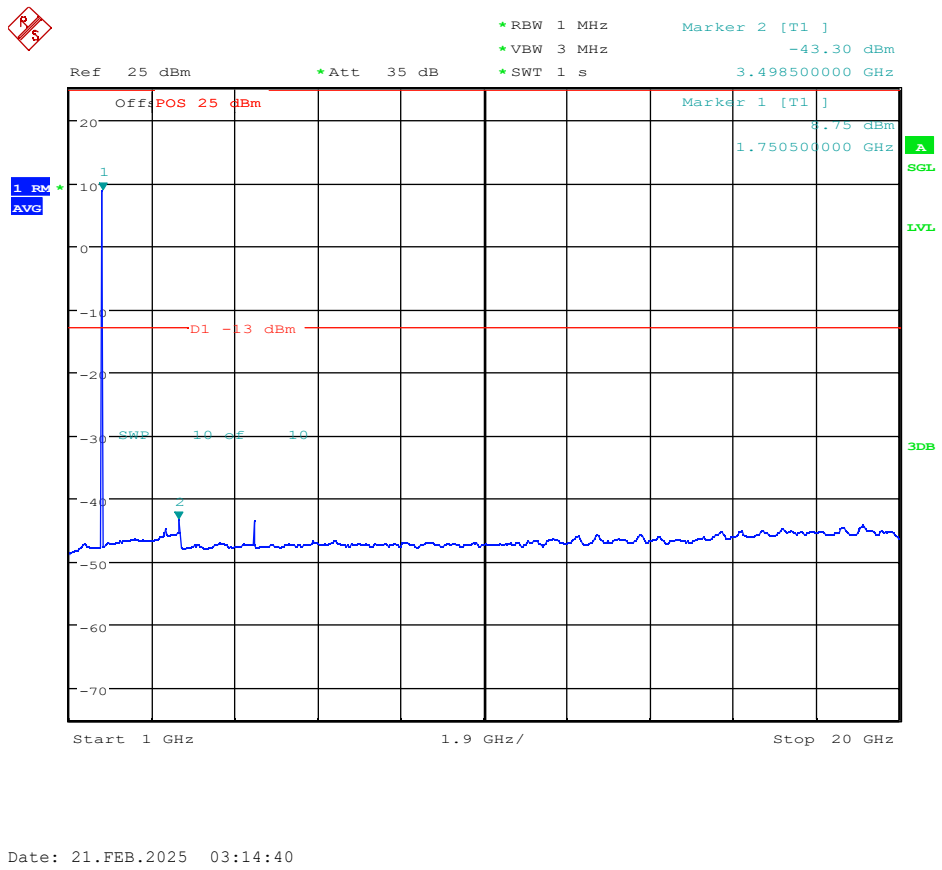


Date: 21.FEB.2025 03:14:06

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

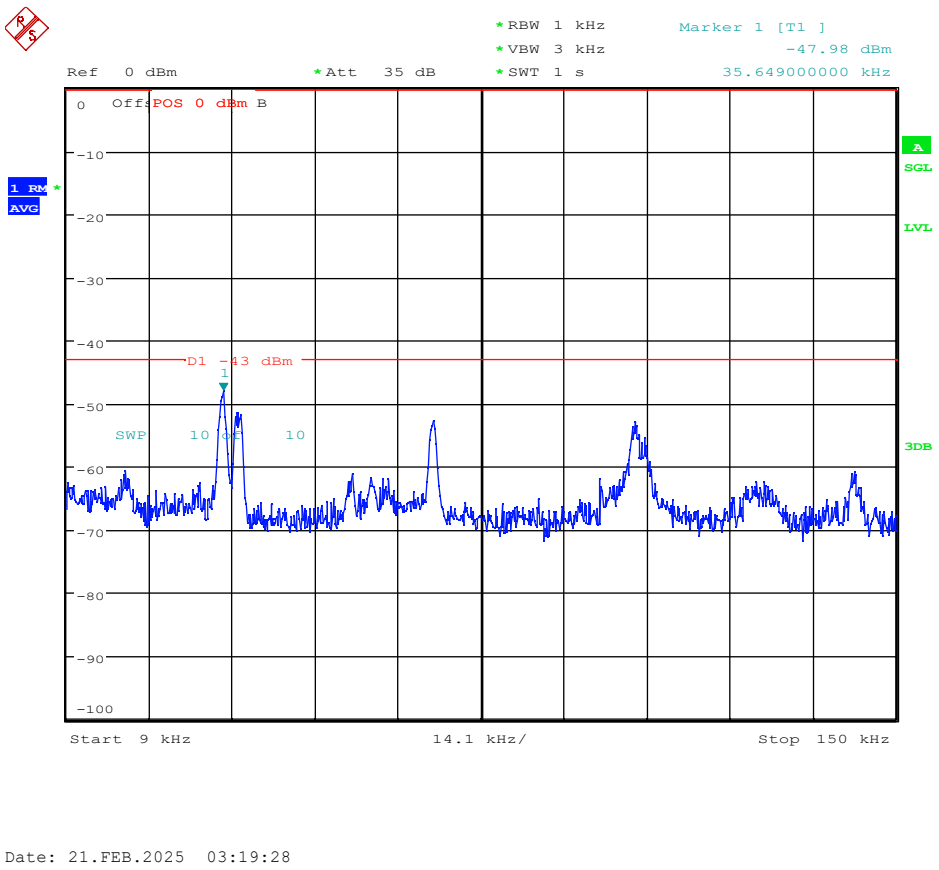


Band4-1513-2-30~1000MHz-PASS

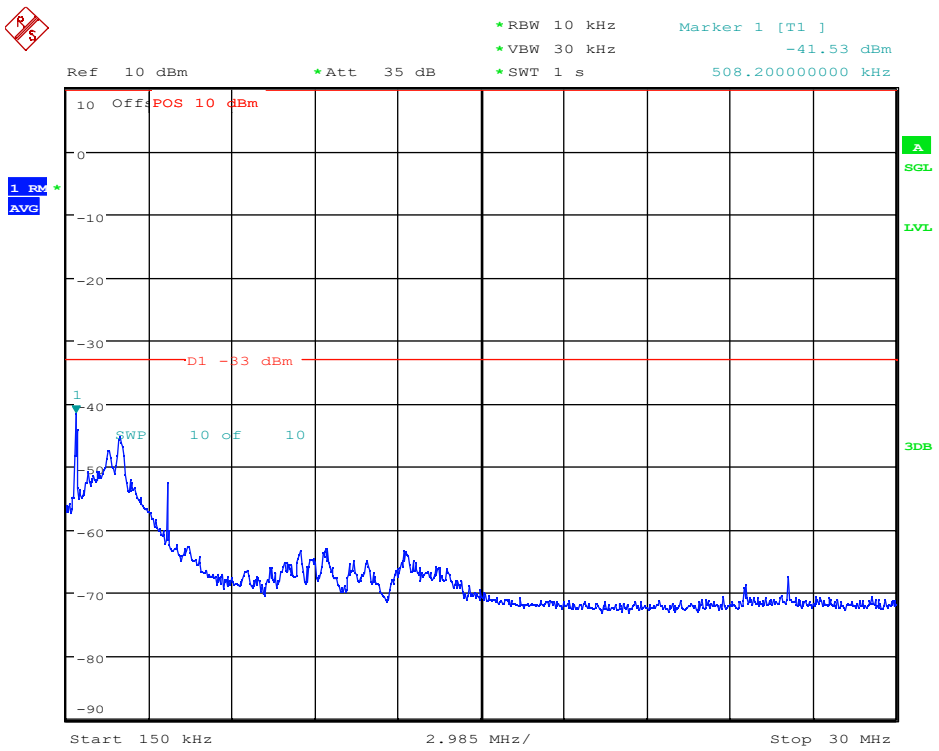


Date: 21.FEB.2025 03:14:40

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

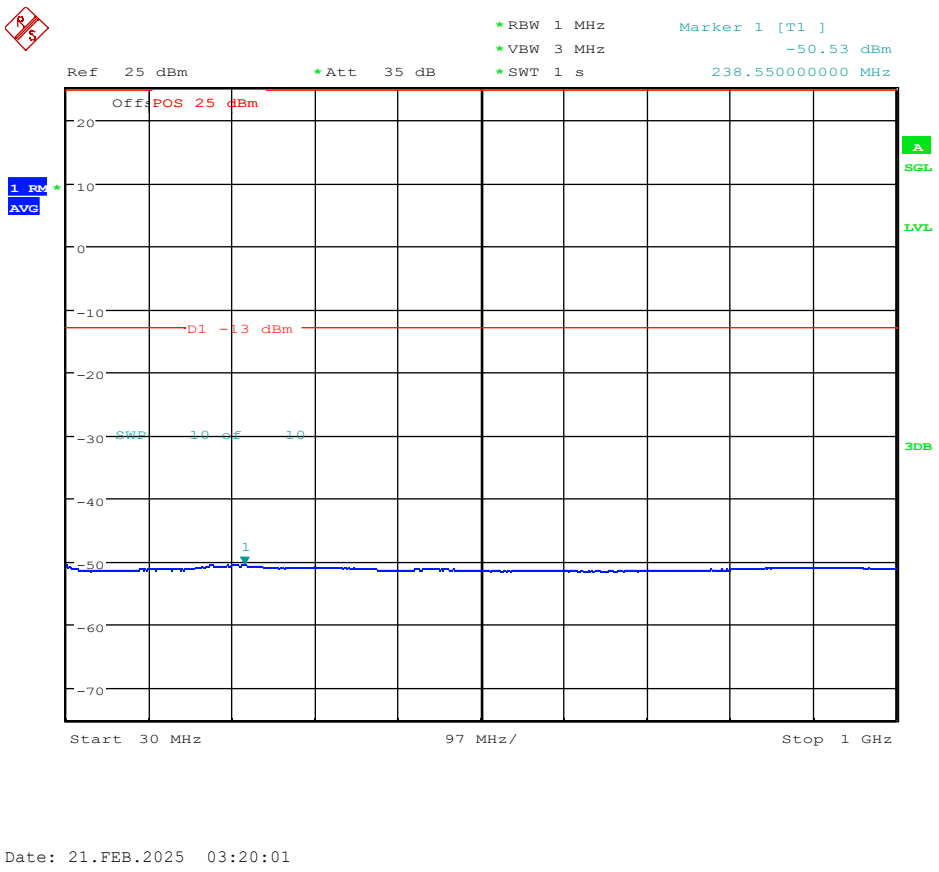


Band4-1513-3-0.009~0.15MHz-PASS

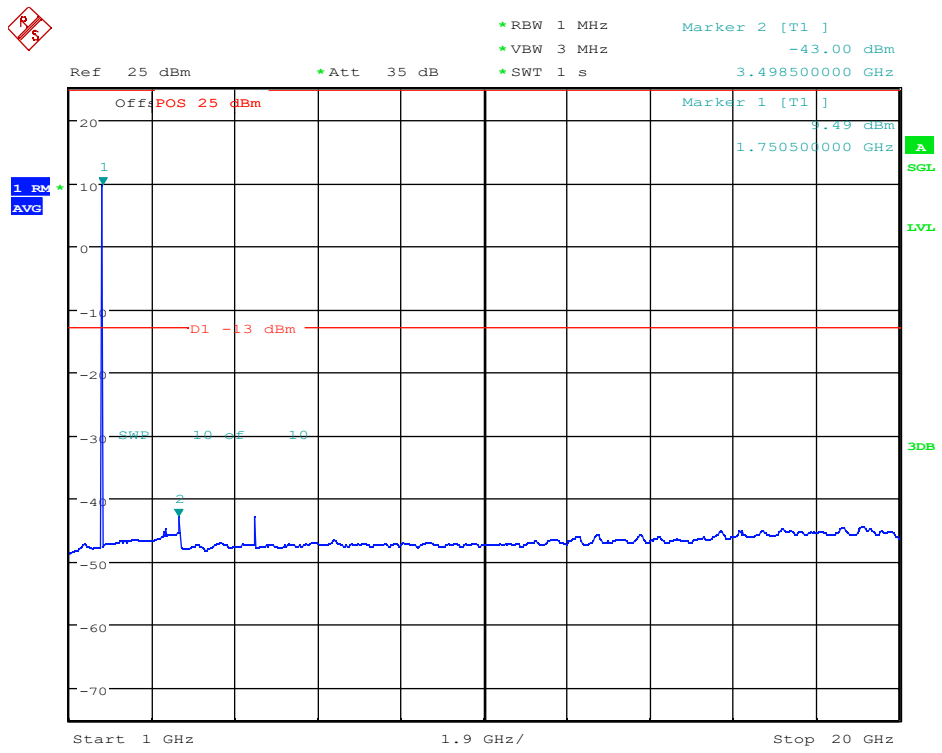


Date: 21.FEB.2025 03:19:44

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

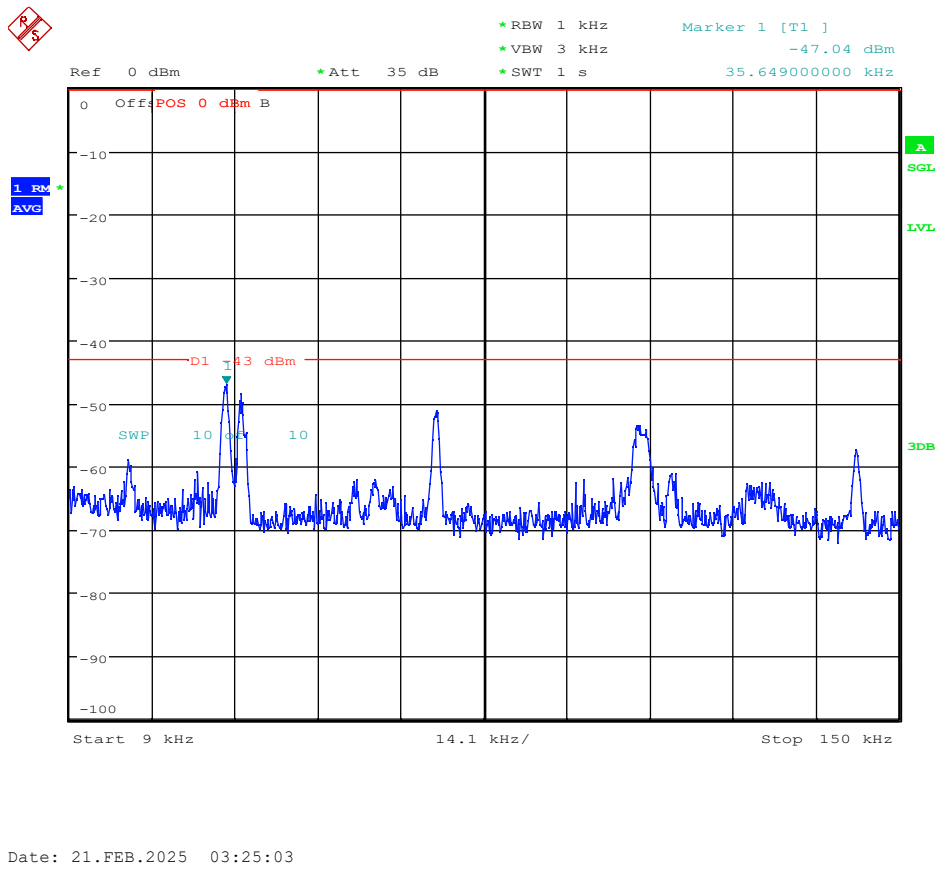


Band4-1513-3-30~1000MHz-PASS

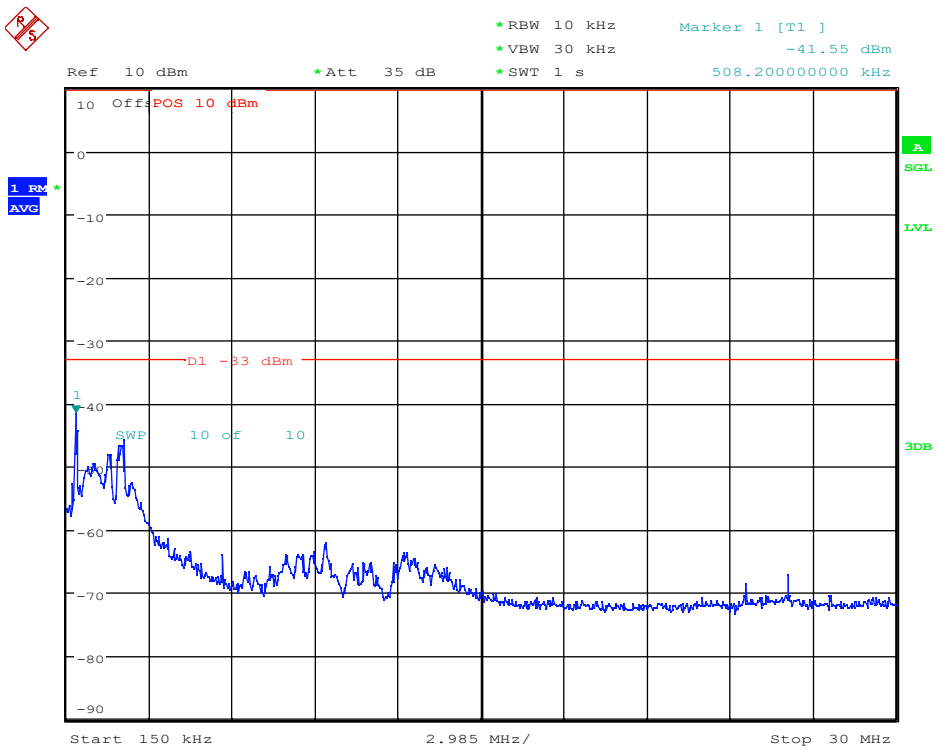


Date: 21.FEB.2025 03:20:18

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

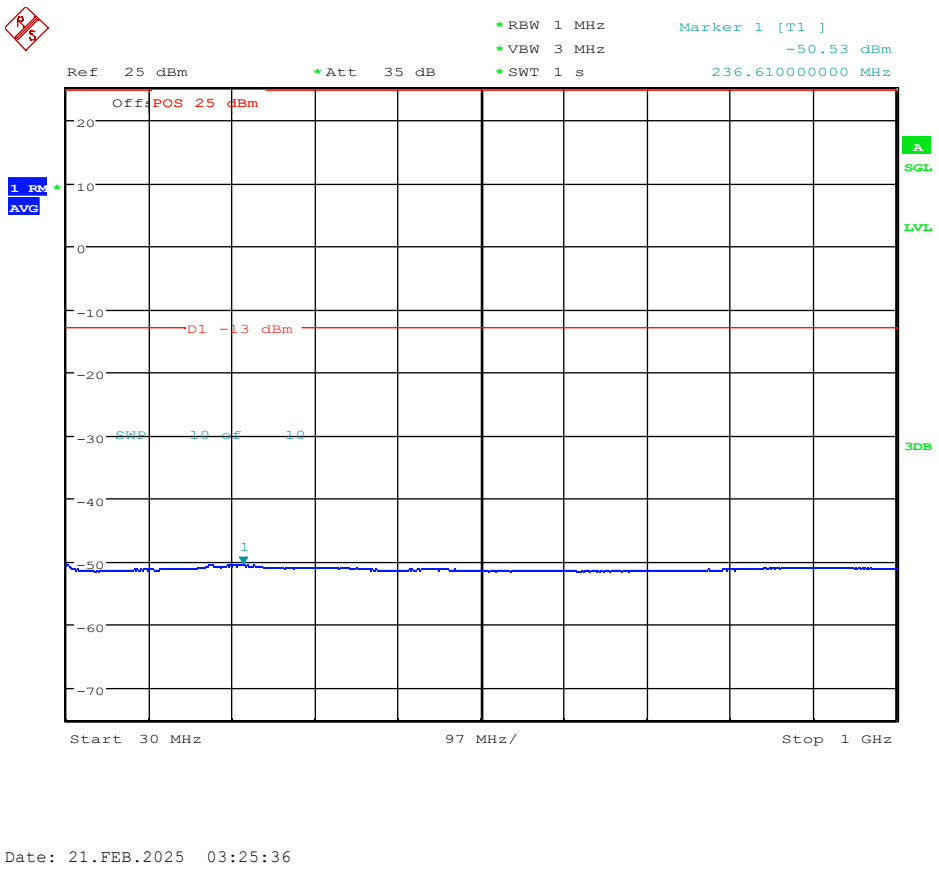


Band4-1513-4-0.009~0.15MHz-PASS

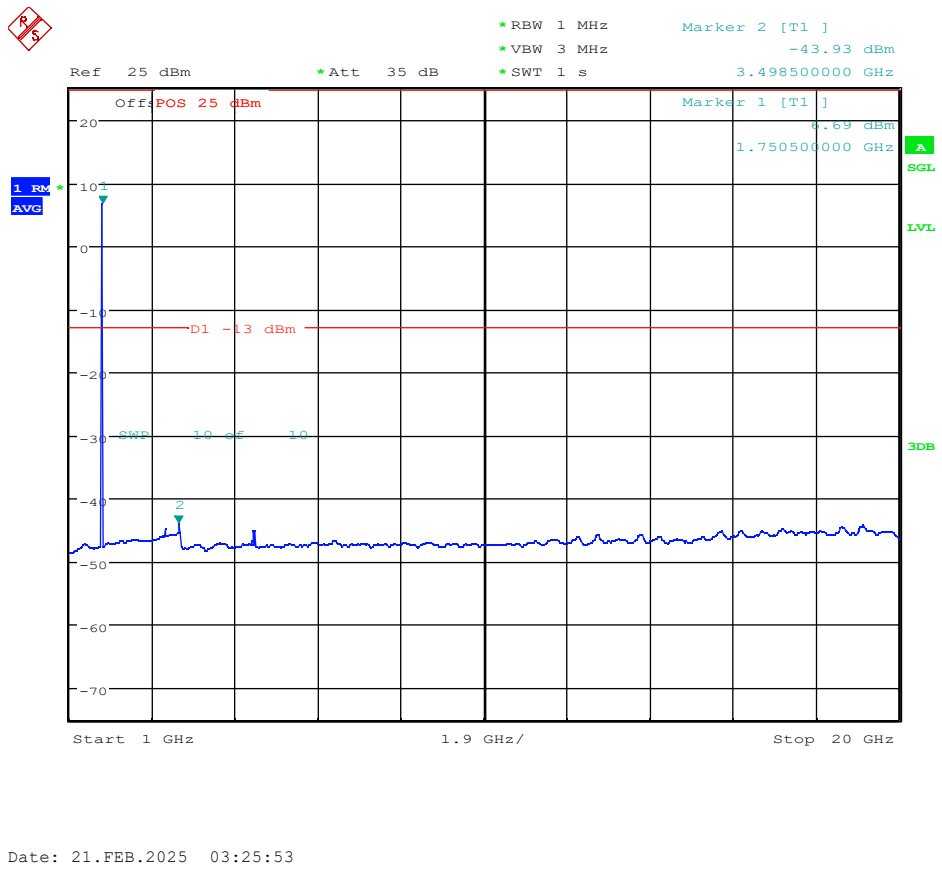


Date: 21.FEB.2025 03:25:19

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

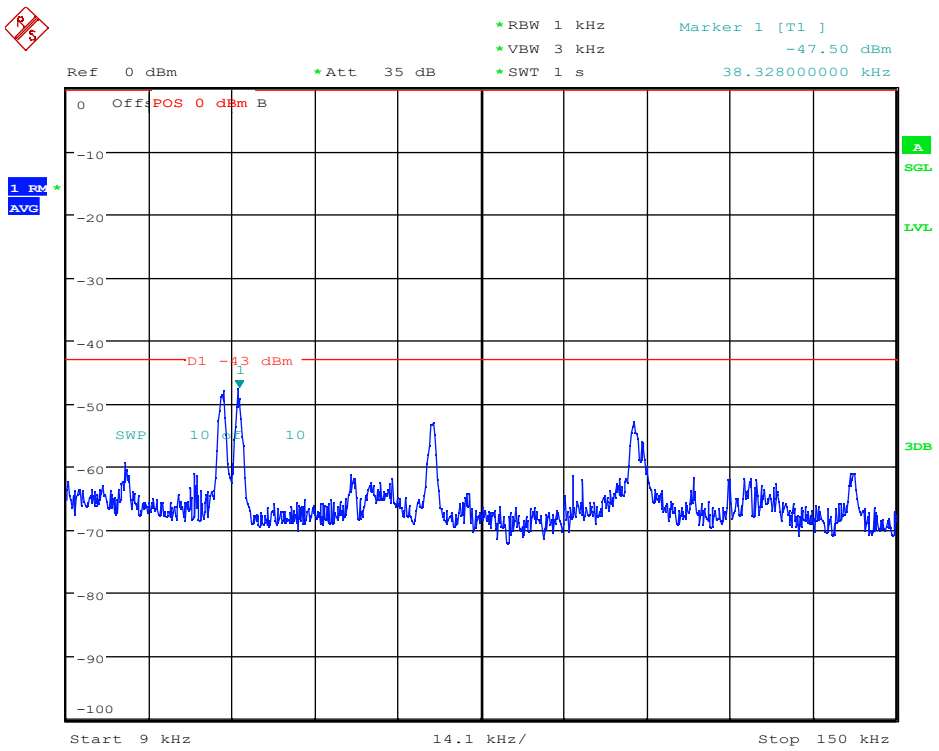


Band4-1513-4-30~1000MHz-PASS



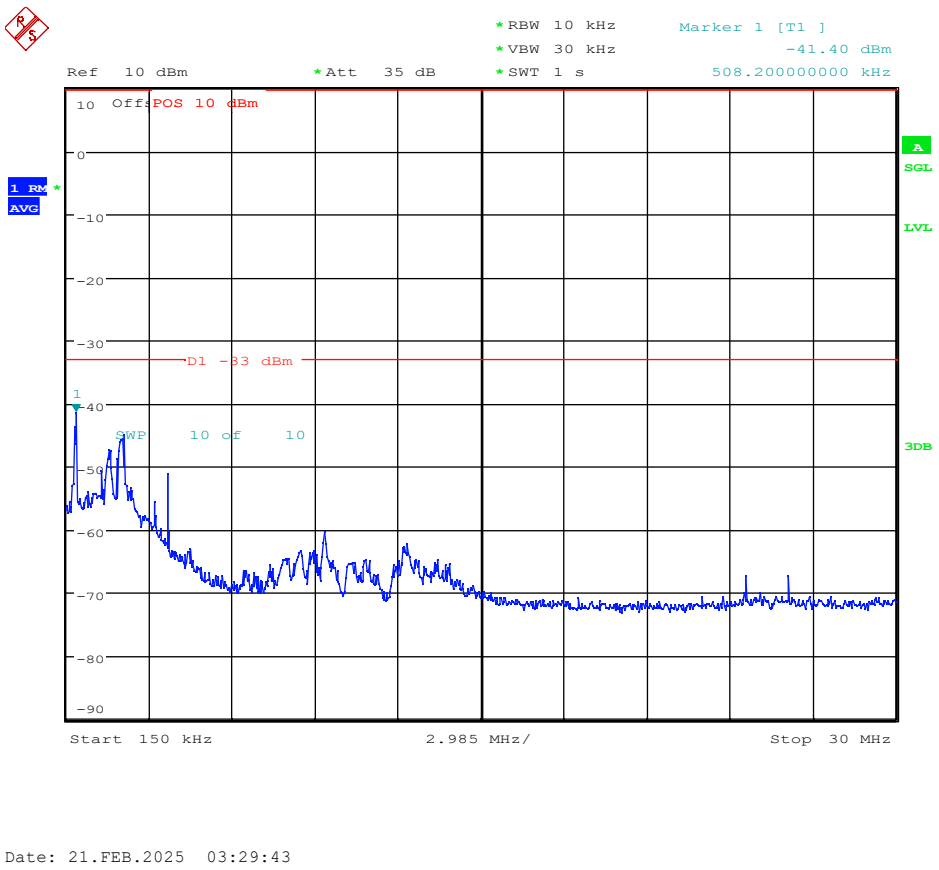
Date: 21.FEB.2025 03:25:53

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

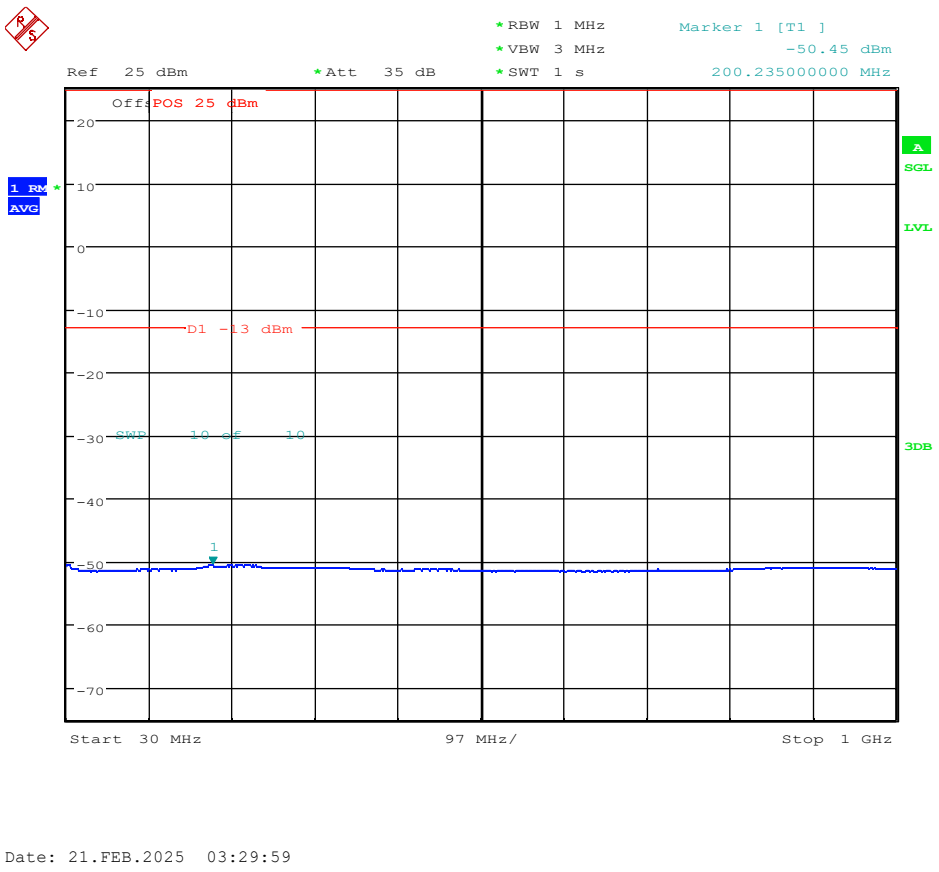


Date: 21.FEB.2025 03:29:26

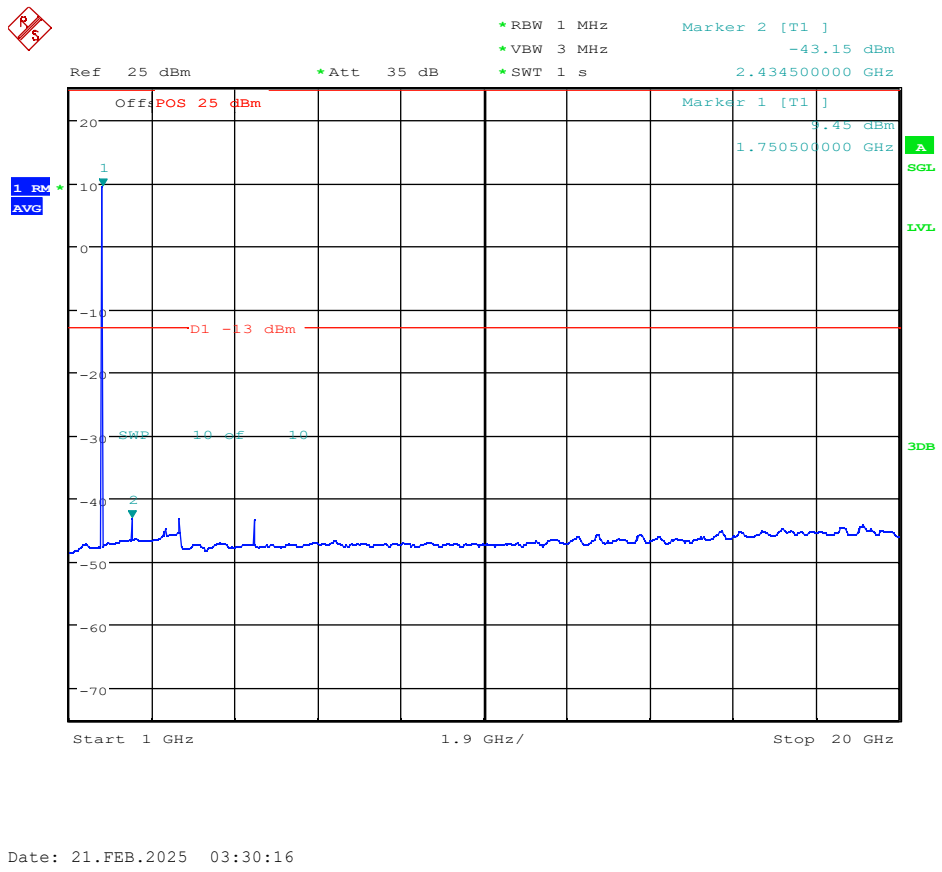
Band4-1513-5-0.009~0.15MHz-PASS



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



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



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

AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-3.18	-0.001857	±2.5	PASS
Band4	1312	VL	NT	0.16	0.000093	±2.5	PASS
Band4	1312	VH	NT	0.85	0.000496	±2.5	PASS
Band4	1413	VN	NT	-6.41	-0.003700	±2.5	PASS
Band4	1413	VL	NT	-3.93	-0.002268	±2.5	PASS
Band4	1413	VH	NT	-5.81	-0.003353	±2.5	PASS
Band4	1513	VN	NT	1.62	0.000924	±2.5	PASS
Band4	1513	VL	NT	0.79	0.000451	±2.5	PASS
Band4	1513	VH	NT	-4.68	-0.002670	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	1.49	0.000870	±2.5	PASS
Band4	1312	NV	-20	1.55	0.000905	±2.5	PASS
Band4	1312	NV	-10	-1.62	-0.000946	±2.5	PASS
Band4	1312	NV	0	-1.19	-0.000695	±2.5	PASS
Band4	1312	NV	10	-1.79	-0.001045	±2.5	PASS
Band4	1312	NV	20	-0.63	-0.000368	±2.5	PASS
Band4	1312	NV	30	-3.94	-0.002301	±2.5	PASS
Band4	1312	NV	40	-0.11	-0.000064	±2.5	PASS
Band4	1312	NV	50	-3.03	-0.001769	±2.5	PASS
Band4	1413	NV	-30	-5.57	-0.003215	±2.5	PASS
Band4	1413	NV	-20	-3.23	-0.001864	±2.5	PASS
Band4	1413	NV	-10	-4.61	-0.002661	±2.5	PASS
Band4	1413	NV	0	-4.59	-0.002649	±2.5	PASS
Band4	1413	NV	10	-6.93	-0.004000	±2.5	PASS
Band4	1413	NV	20	-2.81	-0.001622	±2.5	PASS
Band4	1413	NV	30	-2.38	-0.001374	±2.5	PASS
Band4	1413	NV	40	-1.14	-0.000658	±2.5	PASS
Band4	1413	NV	50	-1.43	-0.000825	±2.5	PASS
Band4	1513	NV	-30	0.28	0.000160	±2.5	PASS
Band4	1513	NV	-20	-5.52	-0.003150	±2.5	PASS
Band4	1513	NV	-10	-6.62	-0.003777	±2.5	PASS
Band4	1513	NV	0	-7.40	-0.004222	±2.5	PASS

Band4	1513	NV	10	-0.96	-0.000548	±2.5	PASS
Band4	1513	NV	20	-2.76	-0.001575	±2.5	PASS
Band4	1513	NV	30	-0.71	-0.000405	±2.5	PASS
Band4	1513	NV	40	-4.94	-0.002819	±2.5	PASS
Band4	1513	NV	50	-3.49	-0.001991	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-6.64	-0.003878	±2.5	PASS
Band4	1312	1	VL	NT	-2.21	-0.001291	±2.5	PASS
Band4	1312	1	VH	NT	-3.32	-0.001939	±2.5	PASS
Band4	1312	2	VN	NT	-4.11	-0.002400	±2.5	PASS
Band4	1312	2	VL	NT	-0.34	-0.000199	±2.5	PASS
Band4	1312	2	VH	NT	-6.17	-0.003603	±2.5	PASS
Band4	1312	3	VN	NT	-4.64	-0.002710	±2.5	PASS
Band4	1312	3	VL	NT	-2.70	-0.001577	±2.5	PASS
Band4	1312	3	VH	NT	-0.33	-0.000193	±2.5	PASS
Band4	1312	4	VN	NT	-2.14	-0.001250	±2.5	PASS
Band4	1312	4	VL	NT	-0.92	-0.000537	±2.5	PASS
Band4	1312	4	VH	NT	0.68	0.000397	±2.5	PASS
Band4	1413	1	VN	NT	-9.19	-0.005304	±2.5	PASS
Band4	1413	1	VL	NT	-7.64	-0.004410	±2.5	PASS
Band4	1413	1	VH	NT	-9.99	-0.005766	±2.5	PASS
Band4	1413	2	VN	NT	-6.99	-0.004034	±2.5	PASS
Band4	1413	2	VL	NT	-8.23	-0.004750	±2.5	PASS
Band4	1413	2	VH	NT	-5.21	-0.003007	±2.5	PASS
Band4	1413	3	VN	NT	-7.76	-0.004479	±2.5	PASS
Band4	1413	3	VL	NT	-4.49	-0.002591	±2.5	PASS
Band4	1413	3	VH	NT	-2.89	-0.001668	±2.5	PASS
Band4	1413	4	VN	NT	-8.57	-0.004946	±2.5	PASS
Band4	1413	4	VL	NT	-4.88	-0.002817	±2.5	PASS
Band4	1413	4	VH	NT	-6.16	-0.003555	±2.5	PASS
Band4	1513	1	VN	NT	-7.60	-0.004336	±2.5	PASS
Band4	1513	1	VL	NT	-2.91	-0.001660	±2.5	PASS
Band4	1513	1	VH	NT	-6.03	-0.003441	±2.5	PASS
Band4	1513	2	VN	NT	-2.38	-0.001358	±2.5	PASS
Band4	1513	2	VL	NT	-6.54	-0.003732	±2.5	PASS
Band4	1513	2	VH	NT	-4.52	-0.002579	±2.5	PASS
Band4	1513	3	VN	NT	-7.60	-0.004336	±2.5	PASS
Band4	1513	3	VL	NT	-4.53	-0.002585	±2.5	PASS
Band4	1513	3	VH	NT	-6.14	-0.003503	±2.5	PASS

Band4	1513	4	VN	NT	-5.04	-0.002876	±2.5	PASS
Band4	1513	4	VL	NT	-5.29	-0.003018	±2.5	PASS
Band4	1513	4	VH	NT	-4.44	-0.002533	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-1.86	-0.001086	±2.5	PASS
Band4	1312	1	NV	-20	-0.12	-0.000070	±2.5	PASS
Band4	1312	1	NV	-10	-3.56	-0.002079	±2.5	PASS
Band4	1312	1	NV	0	-3.60	-0.002102	±2.5	PASS
Band4	1312	1	NV	10	-0.29	-0.000169	±2.5	PASS
Band4	1312	1	NV	20	0.27	0.000158	±2.5	PASS
Band4	1312	1	NV	30	-1.35	-0.000788	±2.5	PASS
Band4	1312	1	NV	40	-2.18	-0.001273	±2.5	PASS
Band4	1312	1	NV	50	-3.08	-0.001799	±2.5	PASS
Band4	1312	2	NV	-30	-5.06	-0.002955	±2.5	PASS
Band4	1312	2	NV	-20	-2.93	-0.001711	±2.5	PASS
Band4	1312	2	NV	-10	-2.93	-0.001711	±2.5	PASS
Band4	1312	2	NV	0	-1.75	-0.001022	±2.5	PASS
Band4	1312	2	NV	10	0.34	0.000199	±2.5	PASS
Band4	1312	2	NV	20	-0.49	-0.000286	±2.5	PASS
Band4	1312	2	NV	30	0.21	0.000123	±2.5	PASS
Band4	1312	2	NV	40	-0.89	-0.000520	±2.5	PASS
Band4	1312	2	NV	50	-2.12	-0.001238	±2.5	PASS
Band4	1312	3	NV	-30	-0.36	-0.000210	±2.5	PASS
Band4	1312	3	NV	-20	0.98	0.000572	±2.5	PASS
Band4	1312	3	NV	-10	-2.96	-0.001729	±2.5	PASS
Band4	1312	3	NV	0	-3.65	-0.002132	±2.5	PASS
Band4	1312	3	NV	10	-3.45	-0.002015	±2.5	PASS
Band4	1312	3	NV	20	-2.30	-0.001343	±2.5	PASS
Band4	1312	3	NV	30	-0.51	-0.000298	±2.5	PASS
Band4	1312	3	NV	40	-3.51	-0.002050	±2.5	PASS
Band4	1312	3	NV	50	-3.73	-0.002178	±2.5	PASS
Band4	1312	4	NV	-30	-4.81	-0.002809	±2.5	PASS
Band4	1312	4	NV	-20	-1.49	-0.000870	±2.5	PASS
Band4	1312	4	NV	-10	-3.40	-0.001986	±2.5	PASS
Band4	1312	4	NV	0	-4.01	-0.002342	±2.5	PASS
Band4	1312	4	NV	10	-0.43	-0.000251	±2.5	PASS
Band4	1312	4	NV	20	-0.82	-0.000479	±2.5	PASS
Band4	1312	4	NV	30	-2.84	-0.001658	±2.5	PASS

Band4	1312	4	NV	40	-0.32	-0.000187	±2.5	PASS
Band4	1312	4	NV	50	-1.49	-0.000870	±2.5	PASS
Band4	1413	1	NV	-30	-5.09	-0.002938	±2.5	PASS
Band4	1413	1	NV	-20	-0.57	-0.000329	±2.5	PASS
Band4	1413	1	NV	-10	-7.05	-0.004069	±2.5	PASS
Band4	1413	1	NV	0	-5.06	-0.002920	±2.5	PASS
Band4	1413	1	NV	10	-1.60	-0.000923	±2.5	PASS
Band4	1413	1	NV	20	-7.47	-0.004311	±2.5	PASS
Band4	1413	1	NV	30	-5.01	-0.002892	±2.5	PASS
Band4	1413	1	NV	40	-4.25	-0.002453	±2.5	PASS
Band4	1413	1	NV	50	-1.07	-0.000618	±2.5	PASS
Band4	1413	2	NV	-30	-3.78	-0.002182	±2.5	PASS
Band4	1413	2	NV	-20	-0.94	-0.000543	±2.5	PASS
Band4	1413	2	NV	-10	-4.84	-0.002793	±2.5	PASS
Band4	1413	2	NV	0	-3.43	-0.001980	±2.5	PASS
Band4	1413	2	NV	10	-5.23	-0.003019	±2.5	PASS
Band4	1413	2	NV	20	-6.62	-0.003821	±2.5	PASS
Band4	1413	2	NV	30	-6.69	-0.003861	±2.5	PASS
Band4	1413	2	NV	40	-3.01	-0.001737	±2.5	PASS
Band4	1413	2	NV	50	-6.12	-0.003532	±2.5	PASS
Band4	1413	3	NV	-30	-1.70	-0.000981	±2.5	PASS
Band4	1413	3	NV	-20	-5.94	-0.003428	±2.5	PASS
Band4	1413	3	NV	-10	-2.34	-0.001351	±2.5	PASS
Band4	1413	3	NV	0	-5.57	-0.003215	±2.5	PASS
Band4	1413	3	NV	10	-5.90	-0.003405	±2.5	PASS
Band4	1413	3	NV	20	-5.46	-0.003151	±2.5	PASS
Band4	1413	3	NV	30	-4.56	-0.002632	±2.5	PASS
Band4	1413	3	NV	40	-3.56	-0.002055	±2.5	PASS
Band4	1413	3	NV	50	-3.35	-0.001934	±2.5	PASS
Band4	1413	4	NV	-30	-4.21	-0.002430	±2.5	PASS
Band4	1413	4	NV	-20	-3.78	-0.002182	±2.5	PASS
Band4	1413	4	NV	-10	-3.38	-0.001951	±2.5	PASS
Band4	1413	4	NV	0	-2.88	-0.001662	±2.5	PASS
Band4	1413	4	NV	10	-2.11	-0.001218	±2.5	PASS
Band4	1413	4	NV	20	-3.27	-0.001887	±2.5	PASS
Band4	1413	4	NV	30	-6.82	-0.003936	±2.5	PASS
Band4	1413	4	NV	40	-6.29	-0.003630	±2.5	PASS
Band4	1413	4	NV	50	-4.13	-0.002384	±2.5	PASS
Band4	1513	1	NV	-30	-2.49	-0.001421	±2.5	PASS
Band4	1513	1	NV	-20	-1.65	-0.000941	±2.5	PASS
Band4	1513	1	NV	-10	-4.11	-0.002345	±2.5	PASS

Band4	1513	1	NV	0	-2.18	-0.001244	±2.5	PASS
Band4	1513	1	NV	10	-3.58	-0.002043	±2.5	PASS
Band4	1513	1	NV	20	-2.73	-0.001558	±2.5	PASS
Band4	1513	1	NV	30	-5.80	-0.003309	±2.5	PASS
Band4	1513	1	NV	40	-2.20	-0.001255	±2.5	PASS
Band4	1513	1	NV	50	-3.19	-0.001820	±2.5	PASS
Band4	1513	2	NV	-30	-3.78	-0.002157	±2.5	PASS
Band4	1513	2	NV	-20	-0.60	-0.000342	±2.5	PASS
Band4	1513	2	NV	-10	-3.23	-0.001843	±2.5	PASS
Band4	1513	2	NV	0	-0.16	-0.000091	±2.5	PASS
Band4	1513	2	NV	10	-2.92	-0.001666	±2.5	PASS
Band4	1513	2	NV	20	-4.13	-0.002356	±2.5	PASS
Band4	1513	2	NV	30	-4.30	-0.002453	±2.5	PASS
Band4	1513	2	NV	40	-3.49	-0.001991	±2.5	PASS
Band4	1513	2	NV	50	-6.26	-0.003572	±2.5	PASS
Band4	1513	3	NV	-30	-7.70	-0.004393	±2.5	PASS
Band4	1513	3	NV	-20	-5.64	-0.003218	±2.5	PASS
Band4	1513	3	NV	-10	-6.96	-0.003971	±2.5	PASS
Band4	1513	3	NV	0	-4.89	-0.002790	±2.5	PASS
Band4	1513	3	NV	10	-3.33	-0.001900	±2.5	PASS
Band4	1513	3	NV	20	-0.77	-0.000439	±2.5	PASS
Band4	1513	3	NV	30	-2.17	-0.001238	±2.5	PASS
Band4	1513	3	NV	40	-3.03	-0.001729	±2.5	PASS
Band4	1513	3	NV	50	-0.93	-0.000531	±2.5	PASS
Band4	1513	4	NV	-30	-3.53	-0.002014	±2.5	PASS
Band4	1513	4	NV	-20	-5.26	-0.003001	±2.5	PASS
Band4	1513	4	NV	-10	-6.24	-0.003560	±2.5	PASS
Band4	1513	4	NV	0	-7.25	-0.004137	±2.5	PASS
Band4	1513	4	NV	10	-4.28	-0.002442	±2.5	PASS
Band4	1513	4	NV	20	-3.05	-0.001740	±2.5	PASS
Band4	1513	4	NV	30	-4.38	-0.002499	±2.5	PASS
Band4	1513	4	NV	40	-3.30	-0.001883	±2.5	PASS
Band4	1513	4	NV	50	-3.17	-0.001809	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-8.33	-0.004865	±2.5	PASS
Band4	1312	1	VL	NT	-8.04	-0.004695	±2.5	PASS
Band4	1312	1	VH	NT	-7.05	-0.004117	±2.5	PASS
Band4	1312	2	VN	NT	-6.77	-0.003954	±2.5	PASS

Band4	1312	2	VL	NT	-7.16	-0.004181	±2.5	PASS
Band4	1312	2	VH	NT	0.19	0.000111	±2.5	PASS
Band4	1312	3	VN	NT	-7.72	-0.004508	±2.5	PASS
Band4	1312	3	VL	NT	-6.66	-0.003889	±2.5	PASS
Band4	1312	3	VH	NT	-6.23	-0.003638	±2.5	PASS
Band4	1312	4	VN	NT	-6.12	-0.003574	±2.5	PASS
Band4	1312	4	VL	NT	-4.99	-0.002914	±2.5	PASS
Band4	1312	4	VH	NT	-4.39	-0.002564	±2.5	PASS
Band4	1312	5	VN	NT	-9.90	-0.005781	±2.5	PASS
Band4	1312	5	VL	NT	-5.57	-0.003253	±2.5	PASS
Band4	1312	5	VH	NT	-5.41	-0.003159	±2.5	PASS
Band4	1413	1	VN	NT	-14.83	-0.008559	±2.5	PASS
Band4	1413	1	VL	NT	-8.90	-0.005137	±2.5	PASS
Band4	1413	1	VH	NT	-5.82	-0.003359	±2.5	PASS
Band4	1413	2	VN	NT	-12.17	-0.007024	±2.5	PASS
Band4	1413	2	VL	NT	-9.12	-0.005264	±2.5	PASS
Band4	1413	2	VH	NT	-5.36	-0.003094	±2.5	PASS
Band4	1413	3	VN	NT	-12.53	-0.007232	±2.5	PASS
Band4	1413	3	VL	NT	-8.10	-0.004675	±2.5	PASS
Band4	1413	3	VH	NT	-7.86	-0.004537	±2.5	PASS
Band4	1413	4	VN	NT	-8.90	-0.005137	±2.5	PASS
Band4	1413	4	VL	NT	-5.54	-0.003198	±2.5	PASS
Band4	1413	4	VH	NT	-4.65	-0.002684	±2.5	PASS
Band4	1413	5	VN	NT	-12.59	-0.007267	±2.5	PASS
Band4	1413	5	VL	NT	-6.77	-0.003907	±2.5	PASS
Band4	1413	5	VH	NT	-8.87	-0.005119	±2.5	PASS
Band4	1513	1	VN	NT	-7.54	-0.004302	±2.5	PASS
Band4	1513	1	VL	NT	-6.76	-0.003857	±2.5	PASS
Band4	1513	1	VH	NT	-3.88	-0.002214	±2.5	PASS
Band4	1513	2	VN	NT	-9.83	-0.005609	±2.5	PASS
Band4	1513	2	VL	NT	-6.40	-0.003652	±2.5	PASS
Band4	1513	2	VH	NT	-6.94	-0.003960	±2.5	PASS
Band4	1513	3	VN	NT	-10.79	-0.006157	±2.5	PASS
Band4	1513	3	VL	NT	-7.40	-0.004222	±2.5	PASS
Band4	1513	3	VH	NT	-2.67	-0.001523	±2.5	PASS
Band4	1513	4	VN	NT	-9.66	-0.005512	±2.5	PASS
Band4	1513	4	VL	NT	-8.61	-0.004913	±2.5	PASS
Band4	1513	4	VH	NT	-7.80	-0.004451	±2.5	PASS
Band4	1513	5	VN	NT	-10.76	-0.006139	±2.5	PASS
Band4	1513	5	VL	NT	-6.18	-0.003526	±2.5	PASS
Band4	1513	5	VH	NT	-6.87	-0.003920	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-2.78	-0.001623	±2.5	PASS
Band4	1312	1	NV	-20	-3.63	-0.002120	±2.5	PASS
Band4	1312	1	NV	-10	-3.33	-0.001945	±2.5	PASS
Band4	1312	1	NV	0	-3.58	-0.002091	±2.5	PASS
Band4	1312	1	NV	10	-1.98	-0.001156	±2.5	PASS
Band4	1312	1	NV	20	-2.01	-0.001174	±2.5	PASS
Band4	1312	1	NV	30	-2.80	-0.001635	±2.5	PASS
Band4	1312	1	NV	40	-2.51	-0.001466	±2.5	PASS
Band4	1312	1	NV	50	-1.70	-0.000993	±2.5	PASS
Band4	1312	2	NV	-30	-4.33	-0.002529	±2.5	PASS
Band4	1312	2	NV	-20	-1.44	-0.000841	±2.5	PASS
Band4	1312	2	NV	-10	-5.24	-0.003060	±2.5	PASS
Band4	1312	2	NV	0	-4.87	-0.002844	±2.5	PASS
Band4	1312	2	NV	10	-1.69	-0.000987	±2.5	PASS
Band4	1312	2	NV	20	-1.42	-0.000829	±2.5	PASS
Band4	1312	2	NV	30	0.30	0.000175	±2.5	PASS
Band4	1312	2	NV	40	-2.73	-0.001594	±2.5	PASS
Band4	1312	2	NV	50	-1.96	-0.001145	±2.5	PASS
Band4	1312	3	NV	-30	-0.26	-0.000152	±2.5	PASS
Band4	1312	3	NV	-20	-4.27	-0.002494	±2.5	PASS
Band4	1312	3	NV	-10	-1.94	-0.001133	±2.5	PASS
Band4	1312	3	NV	0	-1.12	-0.000654	±2.5	PASS
Band4	1312	3	NV	10	-2.78	-0.001623	±2.5	PASS
Band4	1312	3	NV	20	-4.06	-0.002371	±2.5	PASS
Band4	1312	3	NV	30	-2.32	-0.001355	±2.5	PASS
Band4	1312	3	NV	40	-3.38	-0.001974	±2.5	PASS
Band4	1312	3	NV	50	2.17	0.001267	±2.5	PASS
Band4	1312	4	NV	-30	1.03	0.000601	±2.5	PASS
Band4	1312	4	NV	-20	-1.81	-0.001057	±2.5	PASS
Band4	1312	4	NV	-10	-1.93	-0.001127	±2.5	PASS
Band4	1312	4	NV	0	-1.81	-0.001057	±2.5	PASS
Band4	1312	4	NV	10	0.59	0.000345	±2.5	PASS
Band4	1312	4	NV	20	0.15	0.000088	±2.5	PASS
Band4	1312	4	NV	30	1.44	0.000841	±2.5	PASS
Band4	1312	4	NV	40	-0.42	-0.000245	±2.5	PASS
Band4	1312	4	NV	50	0.03	0.000018	±2.5	PASS
Band4	1312	5	NV	-30	-2.94	-0.001717	±2.5	PASS
Band4	1312	5	NV	-20	-4.95	-0.002891	±2.5	PASS

Band4	1312	5	NV	-10	-2.88	-0.001682	±2.5	PASS
Band4	1312	5	NV	0	-2.17	-0.001267	±2.5	PASS
Band4	1312	5	NV	10	0.06	0.000035	±2.5	PASS
Band4	1312	5	NV	20	-2.78	-0.001623	±2.5	PASS
Band4	1312	5	NV	30	-4.06	-0.002371	±2.5	PASS
Band4	1312	5	NV	40	-0.81	-0.000473	±2.5	PASS
Band4	1312	5	NV	50	-1.39	-0.000812	±2.5	PASS
Band4	1413	1	NV	-30	-4.73	-0.002730	±2.5	PASS
Band4	1413	1	NV	-20	-5.89	-0.003400	±2.5	PASS
Band4	1413	1	NV	-10	-4.03	-0.002326	±2.5	PASS
Band4	1413	1	NV	0	-7.88	-0.004548	±2.5	PASS
Band4	1413	1	NV	10	-4.92	-0.002840	±2.5	PASS
Band4	1413	1	NV	20	-4.20	-0.002424	±2.5	PASS
Band4	1413	1	NV	30	-4.41	-0.002545	±2.5	PASS
Band4	1413	1	NV	40	-6.23	-0.003596	±2.5	PASS
Band4	1413	1	NV	50	-3.69	-0.002130	±2.5	PASS
Band4	1413	2	NV	-30	-4.07	-0.002349	±2.5	PASS
Band4	1413	2	NV	-20	-6.27	-0.003619	±2.5	PASS
Band4	1413	2	NV	-10	-5.17	-0.002984	±2.5	PASS
Band4	1413	2	NV	0	-5.86	-0.003382	±2.5	PASS
Band4	1413	2	NV	10	-4.26	-0.002459	±2.5	PASS
Band4	1413	2	NV	20	-4.17	-0.002407	±2.5	PASS
Band4	1413	2	NV	30	-1.09	-0.000629	±2.5	PASS
Band4	1413	2	NV	40	-2.10	-0.001212	±2.5	PASS
Band4	1413	2	NV	50	-7.04	-0.004063	±2.5	PASS
Band4	1413	3	NV	-30	-8.00	-0.004617	±2.5	PASS
Band4	1413	3	NV	-20	-3.48	-0.002009	±2.5	PASS
Band4	1413	3	NV	-10	-5.19	-0.002995	±2.5	PASS
Band4	1413	3	NV	0	-2.90	-0.001674	±2.5	PASS
Band4	1413	3	NV	10	-3.86	-0.002228	±2.5	PASS
Band4	1413	3	NV	20	-5.40	-0.003117	±2.5	PASS
Band4	1413	3	NV	30	-1.21	-0.000698	±2.5	PASS
Band4	1413	3	NV	40	-1.13	-0.000652	±2.5	PASS
Band4	1413	3	NV	50	-4.17	-0.002407	±2.5	PASS
Band4	1413	4	NV	-30	-6.56	-0.003786	±2.5	PASS
Band4	1413	4	NV	-20	-3.71	-0.002141	±2.5	PASS
Band4	1413	4	NV	-10	-0.82	-0.000473	±2.5	PASS
Band4	1413	4	NV	0	-5.18	-0.002990	±2.5	PASS
Band4	1413	4	NV	10	-3.51	-0.002026	±2.5	PASS
Band4	1413	4	NV	20	-6.07	-0.003503	±2.5	PASS
Band4	1413	4	NV	30	-4.44	-0.002563	±2.5	PASS

Band4	1413	4	NV	40	-4.51	-0.002603	±2.5	PASS
Band4	1413	4	NV	50	-2.77	-0.001599	±2.5	PASS
Band4	1413	5	NV	-30	-4.08	-0.002355	±2.5	PASS
Band4	1413	5	NV	-20	-4.38	-0.002528	±2.5	PASS
Band4	1413	5	NV	-10	-7.48	-0.004317	±2.5	PASS
Band4	1413	5	NV	0	-6.14	-0.003544	±2.5	PASS
Band4	1413	5	NV	10	-4.32	-0.002493	±2.5	PASS
Band4	1413	5	NV	20	-6.83	-0.003942	±2.5	PASS
Band4	1413	5	NV	30	-4.61	-0.002661	±2.5	PASS
Band4	1413	5	NV	40	-3.17	-0.001830	±2.5	PASS
Band4	1413	5	NV	50	-7.22	-0.004167	±2.5	PASS
Band4	1513	1	NV	-30	-5.51	-0.003144	±2.5	PASS
Band4	1513	1	NV	-20	-6.04	-0.003446	±2.5	PASS
Band4	1513	1	NV	-10	-5.04	-0.002876	±2.5	PASS
Band4	1513	1	NV	0	-5.68	-0.003241	±2.5	PASS
Band4	1513	1	NV	10	-5.79	-0.003304	±2.5	PASS
Band4	1513	1	NV	20	-2.86	-0.001632	±2.5	PASS
Band4	1513	1	NV	30	-6.29	-0.003589	±2.5	PASS
Band4	1513	1	NV	40	-7.77	-0.004433	±2.5	PASS
Band4	1513	1	NV	50	-5.86	-0.003344	±2.5	PASS
Band4	1513	2	NV	-30	-3.28	-0.001872	±2.5	PASS
Band4	1513	2	NV	-20	-5.28	-0.003013	±2.5	PASS
Band4	1513	2	NV	-10	-4.29	-0.002448	±2.5	PASS
Band4	1513	2	NV	0	-3.18	-0.001814	±2.5	PASS
Band4	1513	2	NV	10	-4.56	-0.002602	±2.5	PASS
Band4	1513	2	NV	20	-4.23	-0.002414	±2.5	PASS
Band4	1513	2	NV	30	-4.02	-0.002294	±2.5	PASS
Band4	1513	2	NV	40	-1.13	-0.000645	±2.5	PASS
Band4	1513	2	NV	50	-3.25	-0.001854	±2.5	PASS
Band4	1513	3	NV	-30	-4.75	-0.002710	±2.5	PASS
Band4	1513	3	NV	-20	-5.86	-0.003344	±2.5	PASS
Band4	1513	3	NV	-10	-4.84	-0.002762	±2.5	PASS
Band4	1513	3	NV	0	-7.68	-0.004382	±2.5	PASS
Band4	1513	3	NV	10	-4.31	-0.002459	±2.5	PASS
Band4	1513	3	NV	20	-4.35	-0.002482	±2.5	PASS
Band4	1513	3	NV	30	-7.07	-0.004034	±2.5	PASS
Band4	1513	3	NV	40	-7.19	-0.004102	±2.5	PASS
Band4	1513	3	NV	50	-4.52	-0.002579	±2.5	PASS
Band4	1513	4	NV	-30	-3.73	-0.002128	±2.5	PASS
Band4	1513	4	NV	-20	-4.72	-0.002693	±2.5	PASS
Band4	1513	4	NV	-10	-6.15	-0.003509	±2.5	PASS

Band4	1513	4	NV	0	-3.47	-0.001980	±2.5	PASS
Band4	1513	4	NV	10	-4.60	-0.002625	±2.5	PASS
Band4	1513	4	NV	20	-1.85	-0.001056	±2.5	PASS
Band4	1513	4	NV	30	-3.07	-0.001752	±2.5	PASS
Band4	1513	4	NV	40	0.29	0.000165	±2.5	PASS
Band4	1513	4	NV	50	-7.25	-0.004137	±2.5	PASS
Band4	1513	5	NV	-30	-5.59	-0.003190	±2.5	PASS
Band4	1513	5	NV	-20	-6.79	-0.003874	±2.5	PASS
Band4	1513	5	NV	-10	-4.61	-0.002630	±2.5	PASS
Band4	1513	5	NV	0	-7.15	-0.004080	±2.5	PASS
Band4	1513	5	NV	10	-5.26	-0.003001	±2.5	PASS
Band4	1513	5	NV	20	-4.69	-0.002676	±2.5	PASS
Band4	1513	5	NV	30	-7.15	-0.004080	±2.5	PASS
Band4	1513	5	NV	40	-7.50	-0.004279	±2.5	PASS
Band4	1513	5	NV	50	-3.46	-0.001974	±2.5	PASS