

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	23.90	38.45	PASS
Band5	4182	23.77	38.45	PASS
Band5	4233	23.77	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	23.02	38.5	PASS
Band5	4132	2	22.53	38.5	PASS
Band5	4132	3	22.53	38.5	PASS
Band5	4132	4	22.52	38.5	PASS
Band5	4182	1	22.92	38.5	PASS
Band5	4182	2	22.28	38.5	PASS
Band5	4182	3	22.30	38.5	PASS
Band5	4182	4	22.28	38.5	PASS
Band5	4233	1	22.88	38.5	PASS
Band5	4233	2	22.31	38.5	PASS
Band5	4233	3	22.32	38.5	PASS
Band5	4233	4	22.30	38.5	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	22.94	38.5	PASS
Band5	4132	2	22.11	38.5	PASS
Band5	4132	3	21.22	38.5	PASS
Band5	4132	4	22.02	38.5	PASS
Band5	4132	5	23.03	38.5	PASS
Band5	4182	1	22.21	38.5	PASS
Band5	4182	2	21.56	38.5	PASS
Band5	4182	3	21.68	38.5	PASS
Band5	4182	4	21.95	38.5	PASS

Band5	4182	5	22.83	38.5	PASS
Band5	4233	1	22.20	38.5	PASS
Band5	4233	2	21.61	38.5	PASS
Band5	4233	3	21.51	38.5	PASS
Band5	4233	4	21.84	38.5	PASS
Band5	4233	5	22.79	38.5	PASS

AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.14	13	PASS
Band5	4182	3.21	13	PASS
Band5	4233	3.17	13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.33	13	PASS
Band5	4132	2	3.85	13	PASS
Band5	4132	3	4.07	13	PASS
Band5	4132	4	4.1	13	PASS
Band5	4182	1	3.4	13	PASS
Band5	4182	2	3.78	13	PASS
Band5	4182	3	4.01	13	PASS
Band5	4182	4	4.04	13	PASS
Band5	4233	1	3.4	13	PASS
Band5	4233	2	3.81	13	PASS
Band5	4233	3	4.01	13	PASS
Band5	4233	4	4.04	13	PASS

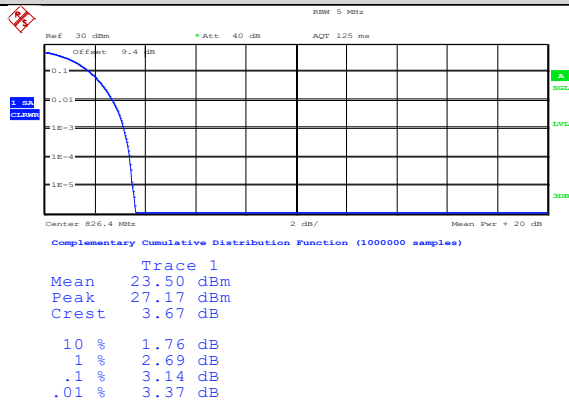
Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.58	13	PASS
Band5	4132	2	5.19	13	PASS
Band5	4132	3	5.16	13	PASS
Band5	4132	4	4.84	13	PASS
Band5	4132	5	4.33	13	PASS
Band5	4182	1	4.52	13	PASS
Band5	4182	2	5.13	13	PASS
Band5	4182	3	5.45	13	PASS
Band5	4182	4	5.16	13	PASS

Band5	4182	5	4.42	13	PASS
Band5	4233	1	4.52	13	PASS
Band5	4233	2	5.22	13	PASS
Band5	4233	3	5.22	13	PASS
Band5	4233	4	4.97	13	PASS
Band5	4233	5	4.42	13	PASS

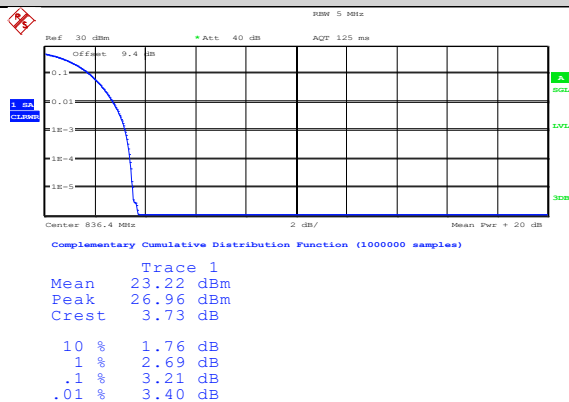
Test Graphs(WCDMA)

Band5-4132



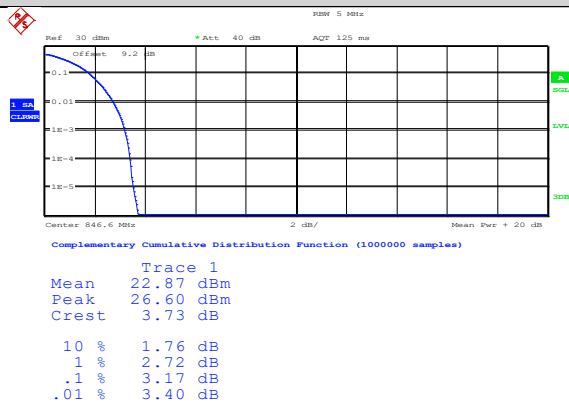
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Band5-4182



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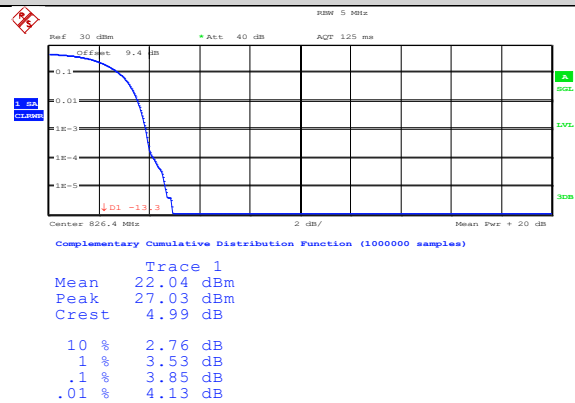
Band5-4233

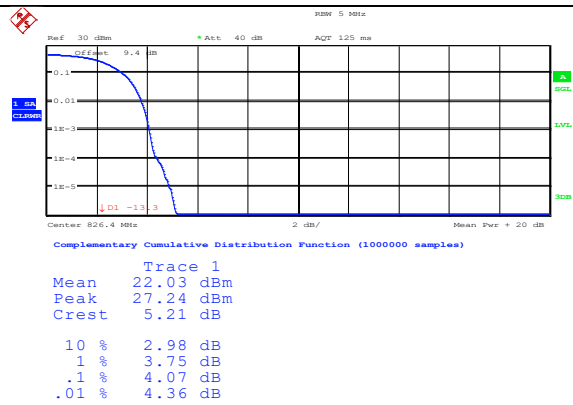


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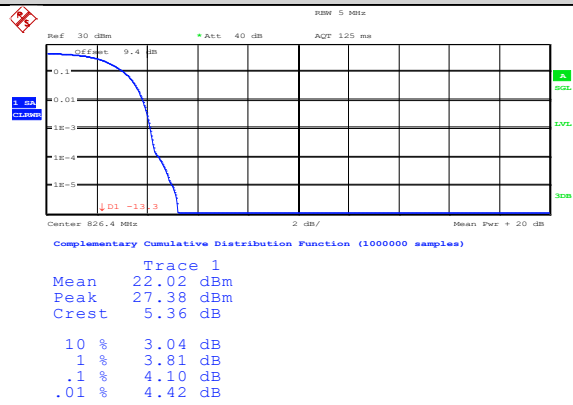
Band5-4132-2





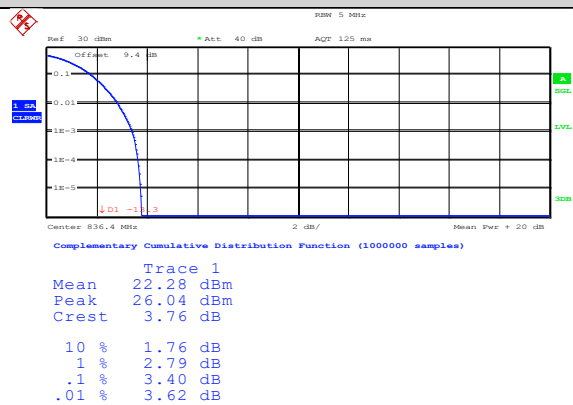
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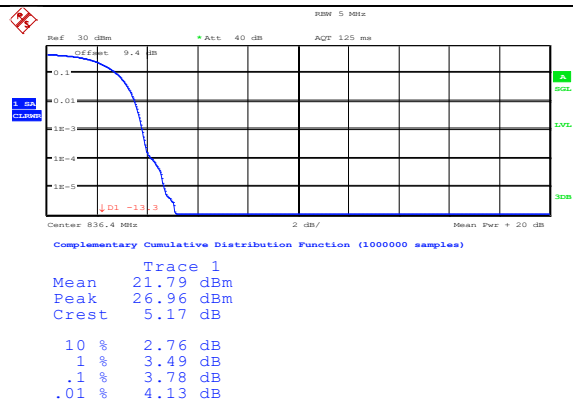
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Band5-4182-1



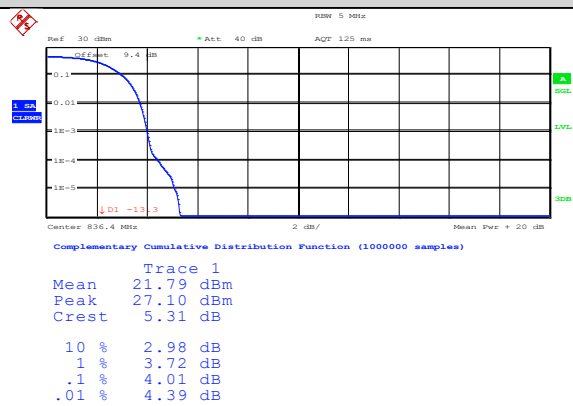
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Band5-4182-2



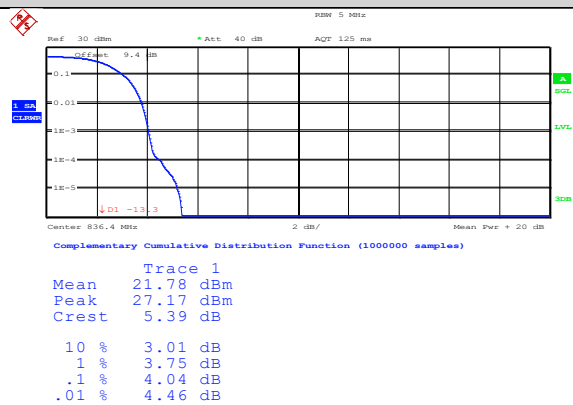
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Band5-4182-3



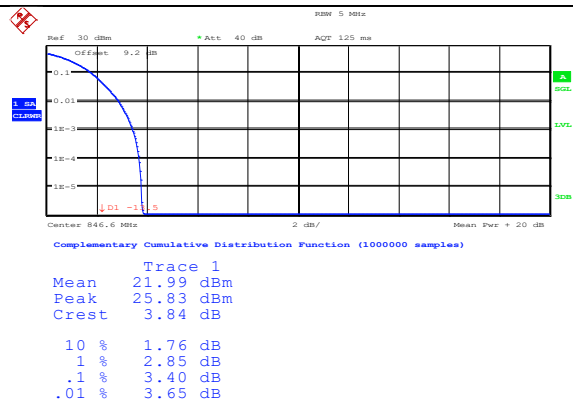
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Band5-4182-4



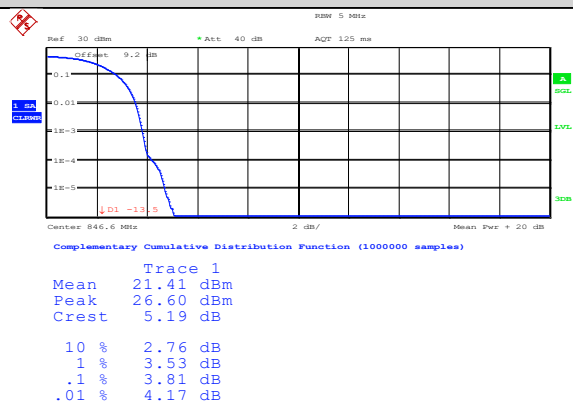
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Band5-4233-1



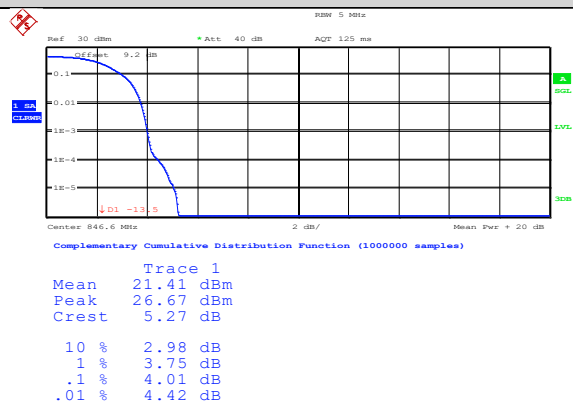
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Band5-4233-2



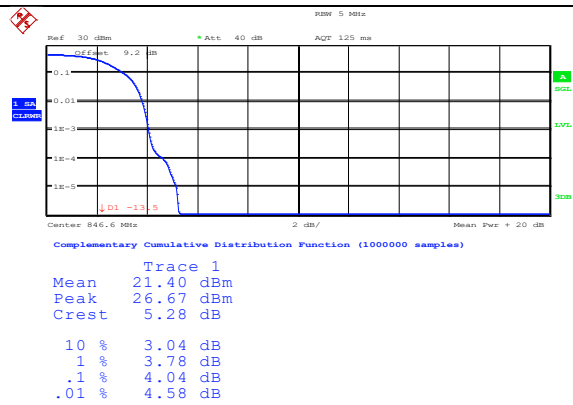
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Band5-4233-3



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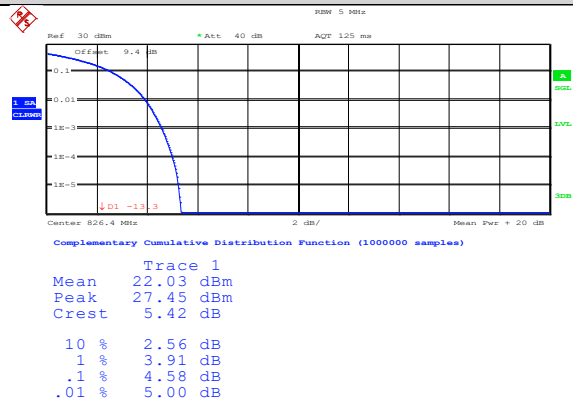
Band5-4233-4



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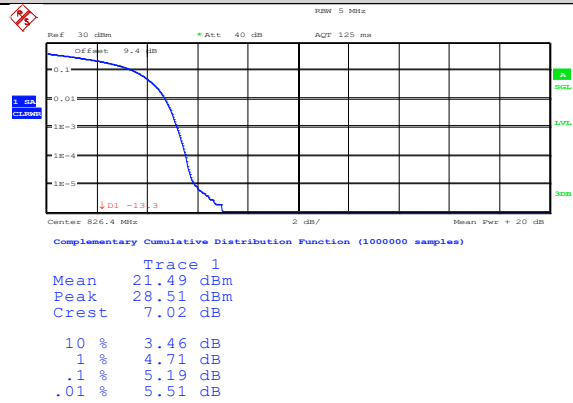
Test Graphs(HSUPA)

Band5-4132-1



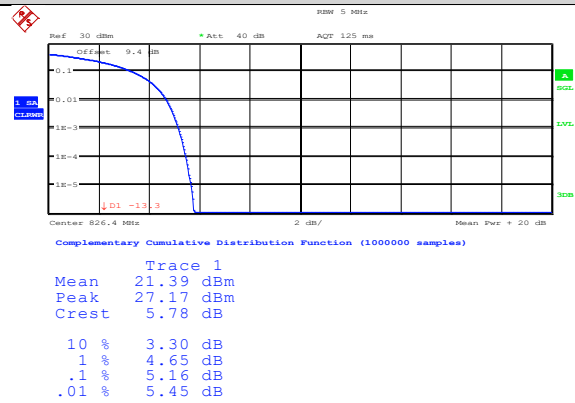
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Band5-4132-2



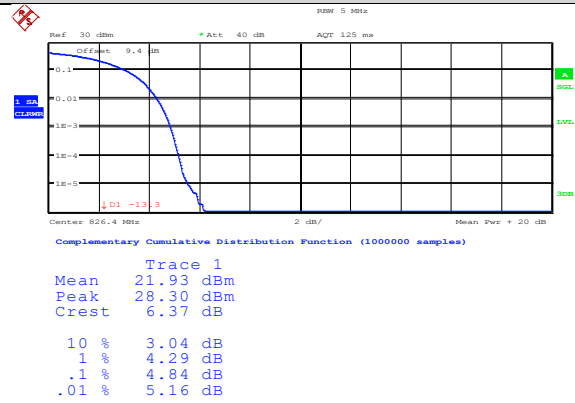
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Band5-4132-3



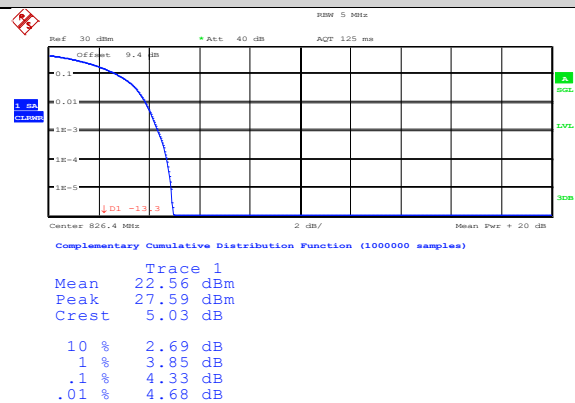
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Band5-4132-4



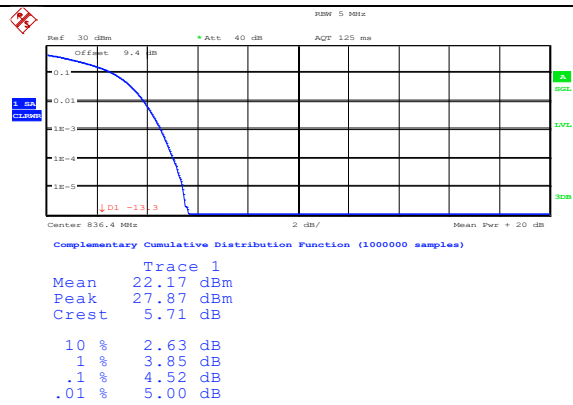
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Band5-4132-5



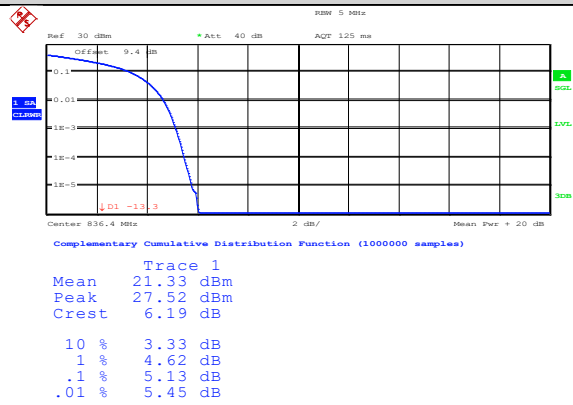
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Band5-4182-1



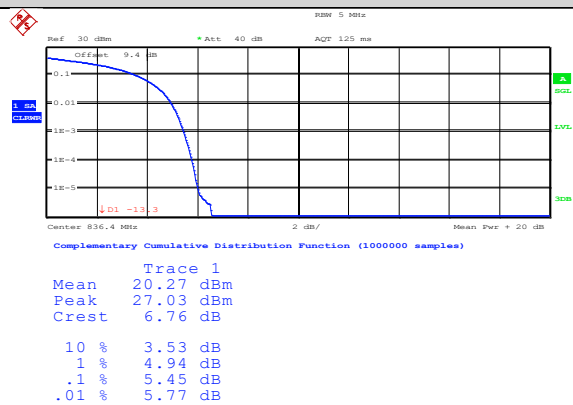
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Band5-4182-2



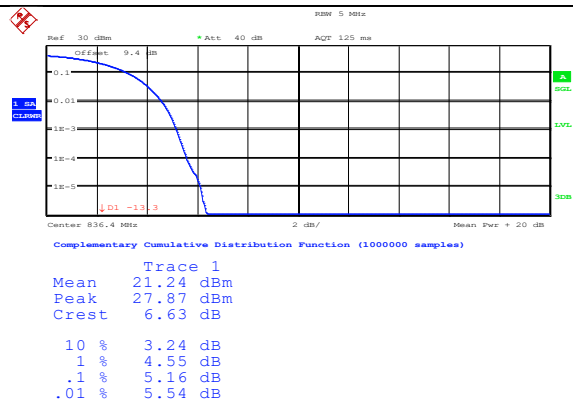
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Band5-4182-3



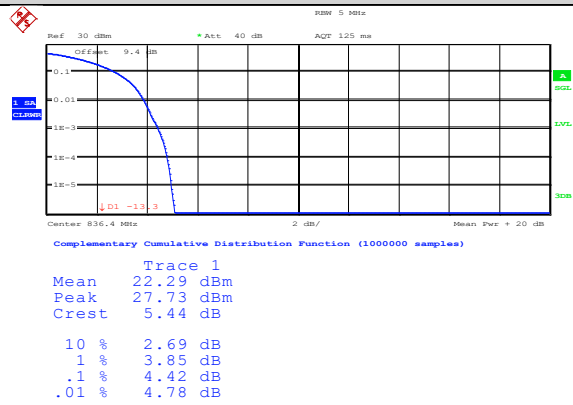
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Band5-4182-4



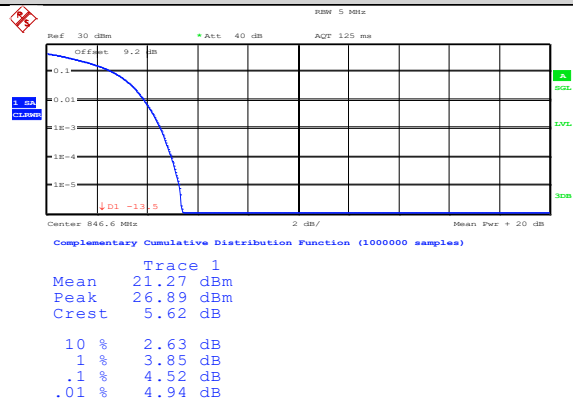
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Band5-4182-5



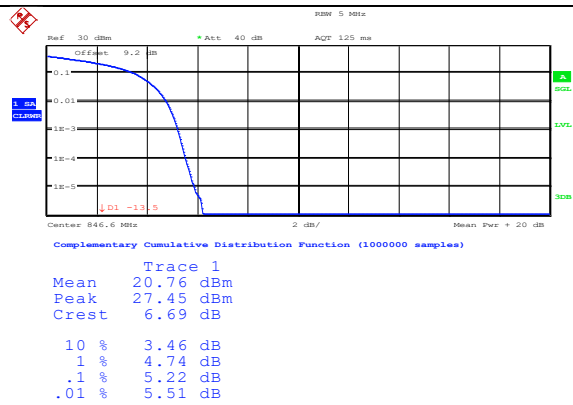
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Band5-4233-1



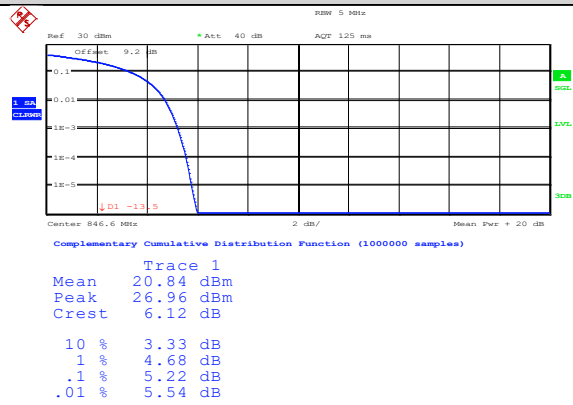
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Band5-4233-2



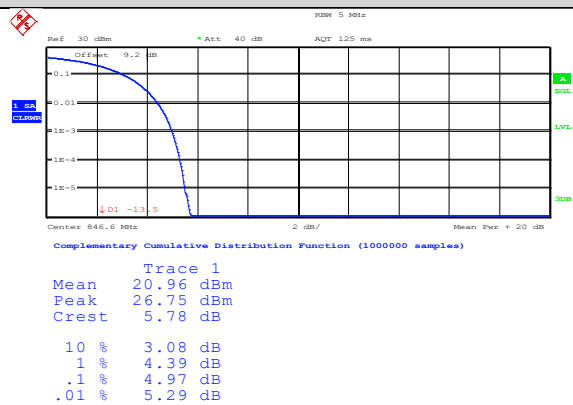
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Band5-4233-3



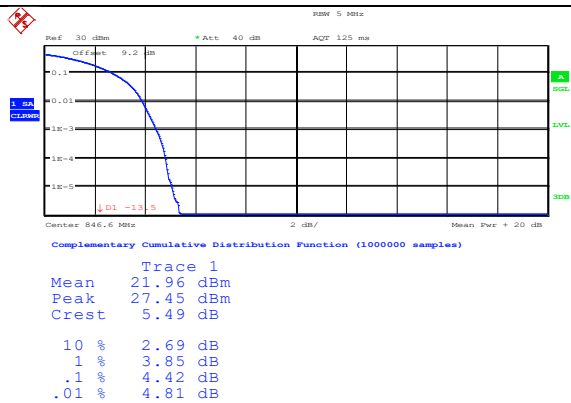
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Band5-4233-4



Date: 22.FEB.2023 19:21:29

Band5-4233-5



Date: 22.FEB.2023 19:22:26

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.17	4.77	---	PASS
Band5	4182	4.17	4.75	---	PASS
Band5	4233	4.16	4.76	---	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.168	4.74	---	PASS
Band5	4132	2	4.17	4.75	---	PASS
Band5	4132	3	4.17	4.73	---	PASS
Band5	4132	4	4.17	4.74	---	PASS
Band5	4182	1	4.17	4.74	---	PASS
Band5	4182	2	4.17	4.74	---	PASS
Band5	4182	3	4.17	4.74	---	PASS
Band5	4182	4	4.17	4.74	---	PASS
Band5	4233	1	4.16	4.74	---	PASS
Band5	4233	2	4.16	4.72	---	PASS
Band5	4233	3	4.16	4.74	---	PASS
Band5	4233	4	4.16	4.72	---	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.17	4.76	---	PASS
Band5	4132	2	4.18	4.76	---	PASS
Band5	4132	3	4.17	4.76	---	PASS
Band5	4132	4	4.17	4.72	---	PASS
Band5	4132	5	4.15	4.74	---	PASS
Band5	4182	1	4.18	4.76	---	PASS
Band5	4182	2	4.17	4.76	---	PASS

Band5	4182	3	4.17	4.76	---	PASS
Band5	4182	4	4.17	4.76	---	PASS
Band5	4182	5	4.17	4.76	---	PASS
Band5	4233	1	4.16	4.73	---	PASS
Band5	4233	2	4.16	4.74	---	PASS
Band5	4233	3	4.16	4.77	---	PASS
Band5	4233	4	4.16	4.76	---	PASS
Band5	4233	5	4.16	4.75	---	PASS

Band5-4132

Ref: 30 dBm, Att: 40 dB, SWT: 100 ms, Delta 3 [T1]: 1.09 dB, 4.770000000 MHz

OSW: 4.170000000 MHz, Marker 1 [T1]: -11.06 dBm, Marker 2 [T1]: -11.71 dBm

OSW: 8.4.020000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.320000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.400000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

Center: 826.4 MHz, 1 MHz/, Span: 10 MHz

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Band5-4182

Ref: 30 dBm, Att: 40 dB, SWT: 100 ms, Delta 3 [T1]: 1.16 dB, 4.750000000 MHz

OSW: 4.170000000 MHz, Marker 1 [T1]: -11.78 dBm, Marker 2 [T1]: -11.45 dBm

OSW: 8.4.020000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.310000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.400000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

Center: 836.4 MHz, 1 MHz/, Span: 10 MHz

Date: 22.FEB.2023 18:14:24

Band5-4233

Ref: 30 dBm, Att: 40 dB, SWT: 100 ms, Delta 3 [T1]: -0.82 dB, 4.760000000 MHz

OSW: 4.160000000 MHz, Marker 1 [T1]: -11.08 dBm, Marker 2 [T1]: -11.00 dBm

OSW: 8.4.210000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.500000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

OSW: 8.4.600000000 MHz, Temp 1 [T1 OSW]: -10.00 dBm, Temp 2 [T1 OSW]: -10.00 dBm

Center: 846.6 MHz, 1 MHz/, Span: 10 MHz

Date: 22.FEB.2023 18:14:44



Band5-4132-1

Ref 30 dBm Att 40 dB RBW 100 kHz VBW 300 kHz SWT 300 ms Delta 3 [T1] -11.58 dB 4.740500000 MHz

Marker	Freq	Level
1 [T1]	826.417500000 MHz	-11.58 dB
2 [T1]	826.041500000 MHz	-11.58 dB
3 [T1]	827.111000000 MHz	-11.58 dB
4 [T1]	824.320500000 MHz	-11.58 dB
5 [T1]	824.320500000 MHz	-11.58 dB
6 [T1]	824.320500000 MHz	-11.58 dB
7 [T1]	824.320500000 MHz	-11.58 dB
8 [T1]	824.320500000 MHz	-11.58 dB

Center 826.4 MHz 1 MHz/ Span 10 MHz

Date: 22.FEB.2023 18:40:15

Band5-4132-2

Ref 30 dBm Att 40 dB RBW 100 kHz VBW 300 kHz SWT 100 ms Delta 3 [T1] 1.98 dB 4.750000000 MHz

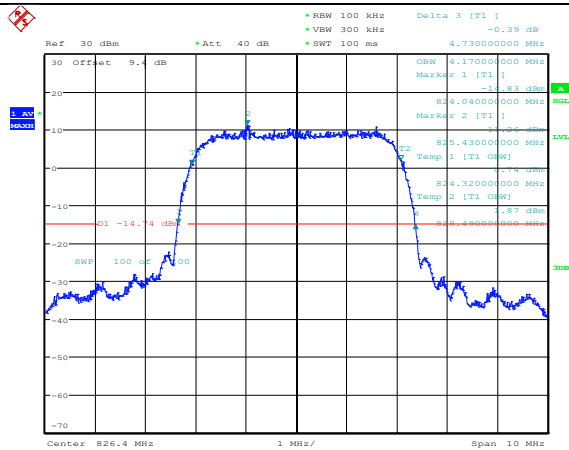
Marker	Freq	Level
1 [T1]	826.417000000 MHz	1.98 dB
2 [T1]	826.020000000 MHz	-11.09 dB
3 [T1]	825.412000000 MHz	-11.09 dB
4 [T1]	824.320000000 MHz	-11.09 dB
5 [T1]	824.320000000 MHz	-11.09 dB
6 [T1]	824.320000000 MHz	-11.09 dB
7 [T1]	824.320000000 MHz	-11.09 dB
8 [T1]	824.320000000 MHz	-11.09 dB

Center 826.4 MHz 1 MHz/ Span 10 MHz

Date: 22.FEB.2023 18:41:41

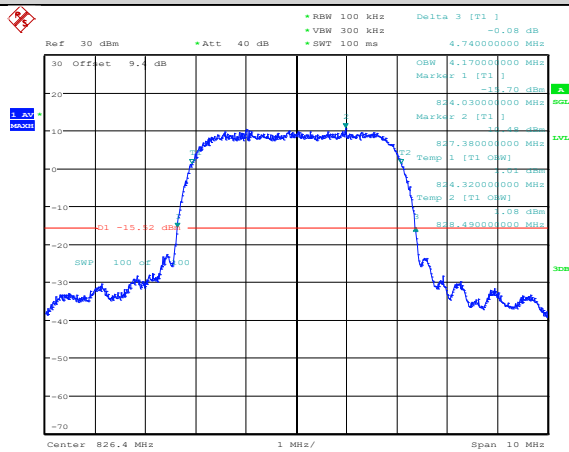
Band5-4132-3

Band5-4132-3



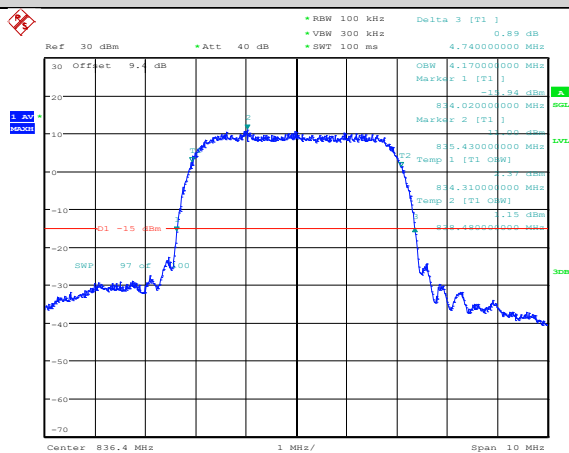
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Band5-4132-4



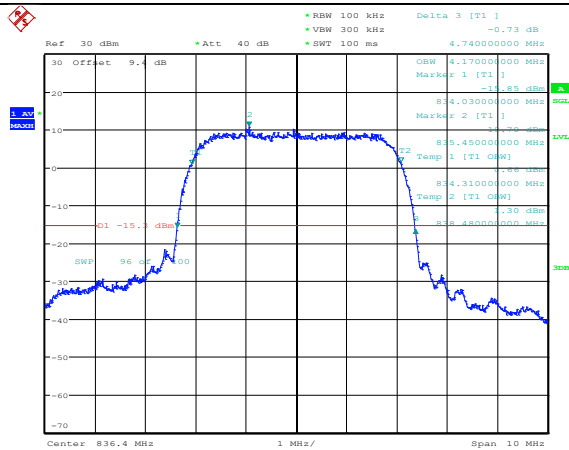
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Band5-4182-1



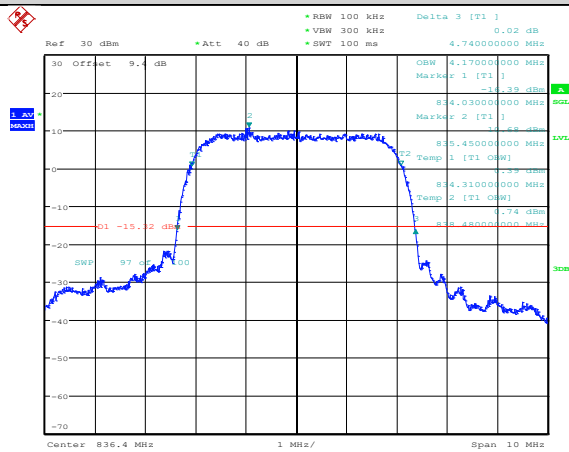
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Band5-4182-2



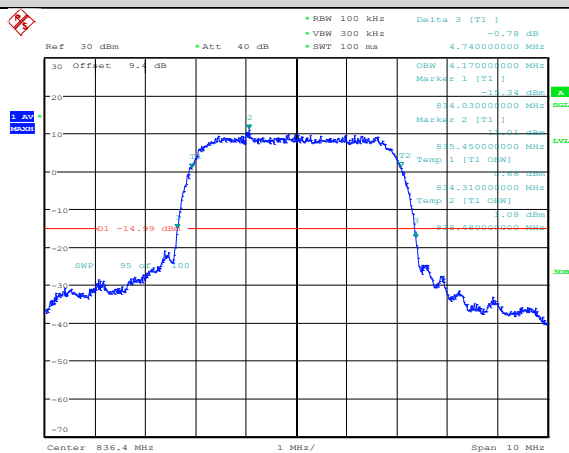
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Band5-4182-3



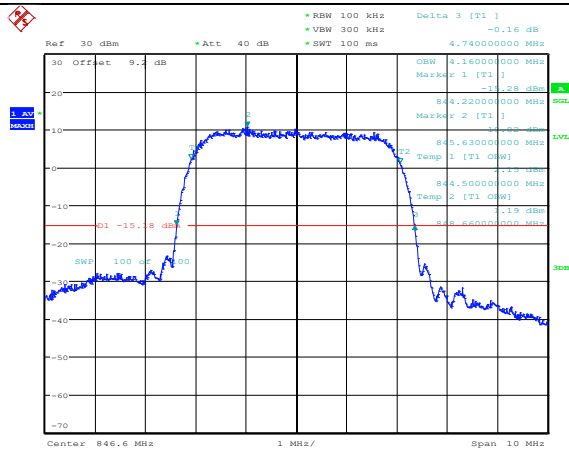
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Band5-4182-4



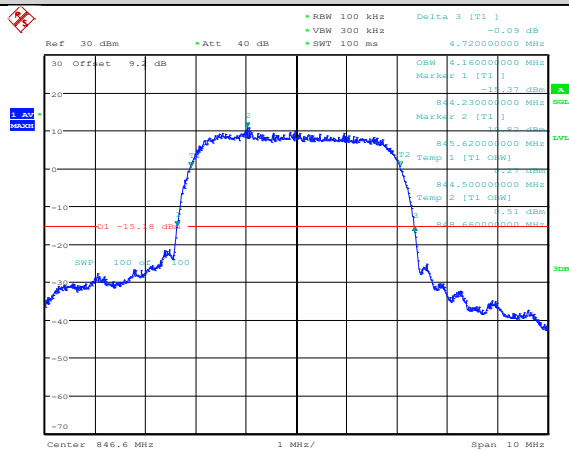
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Band5-4233-1



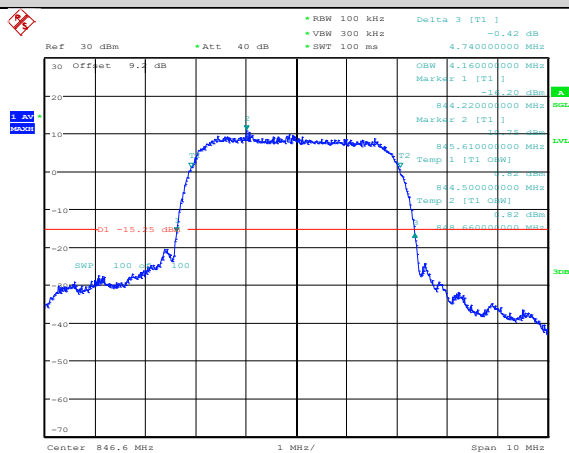
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Band5-4233-2



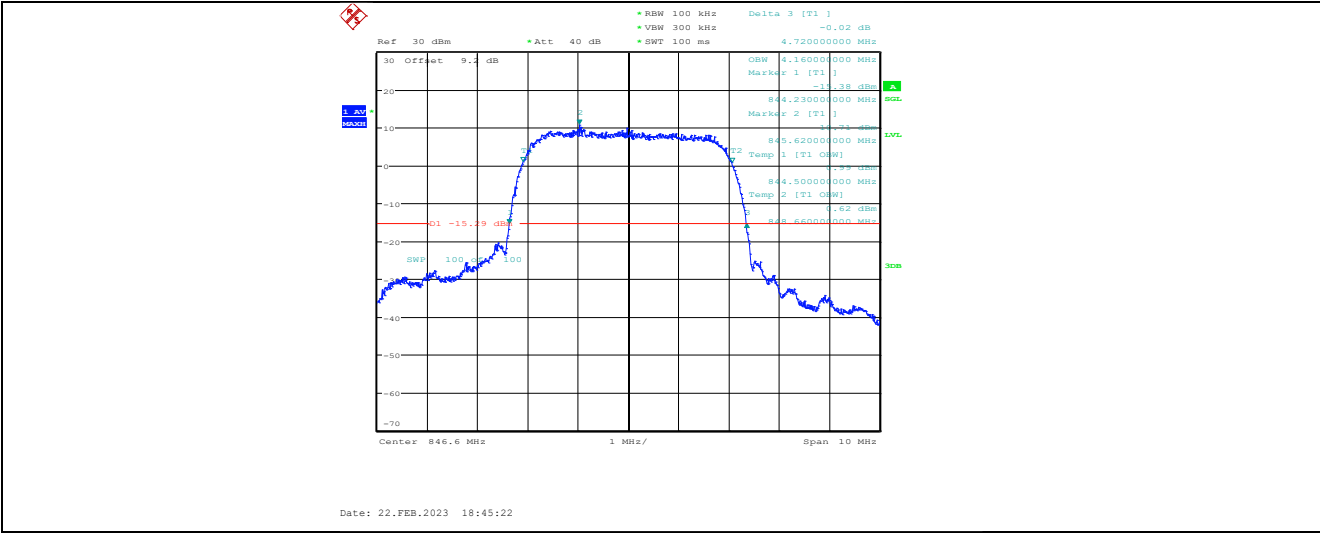
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Band5-4233-3

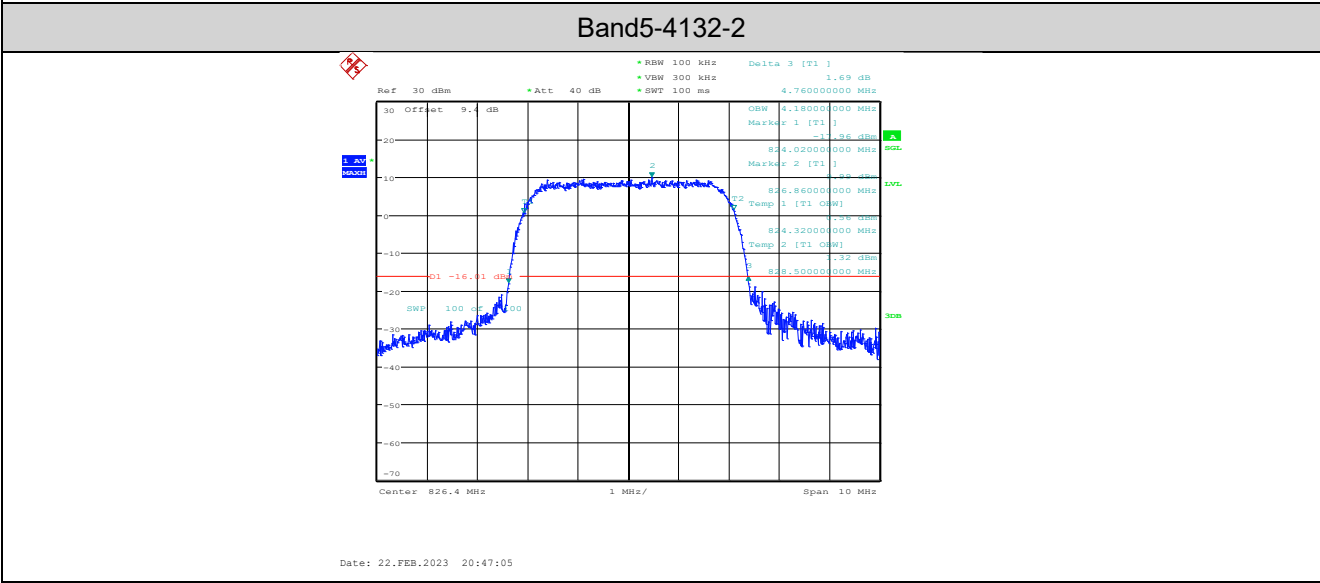
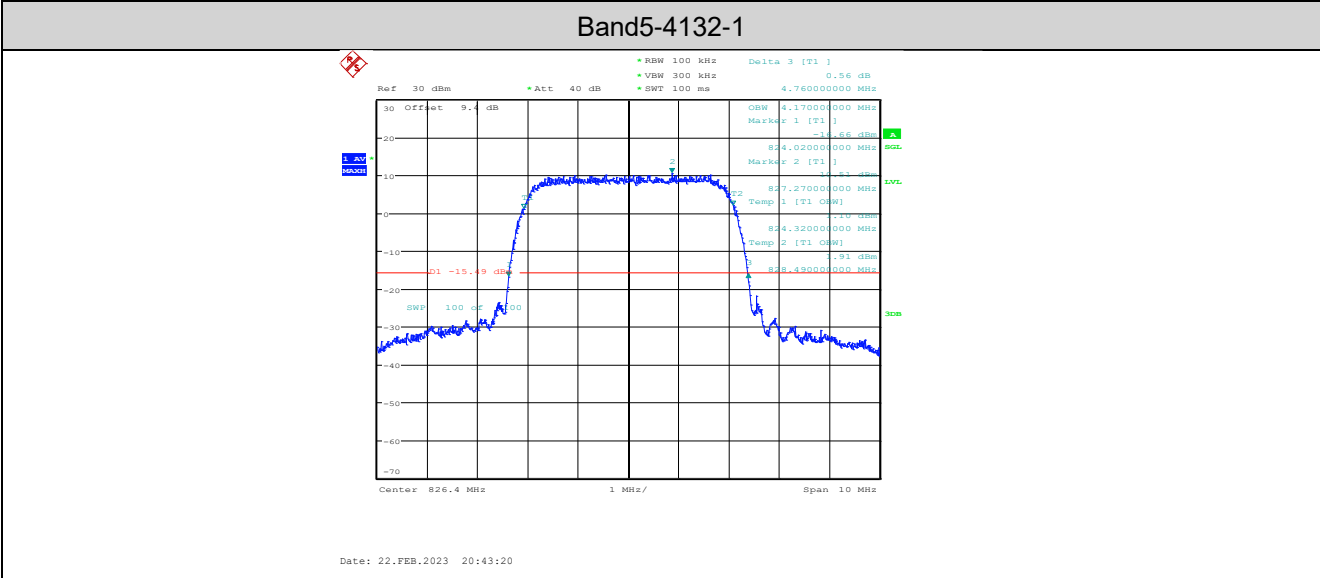


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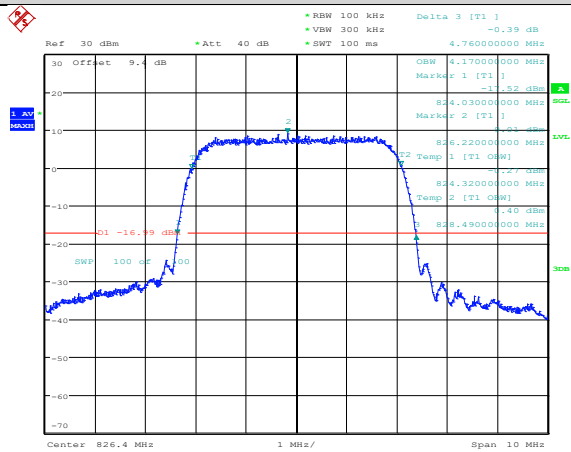
Band5-4233-4



Test Graphs(HSUPA)

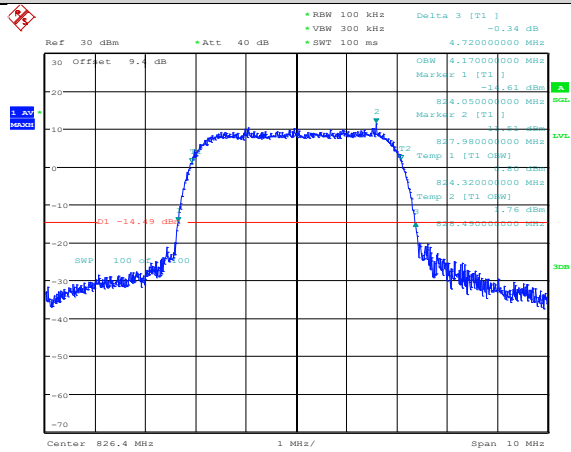


Band5-4132-3



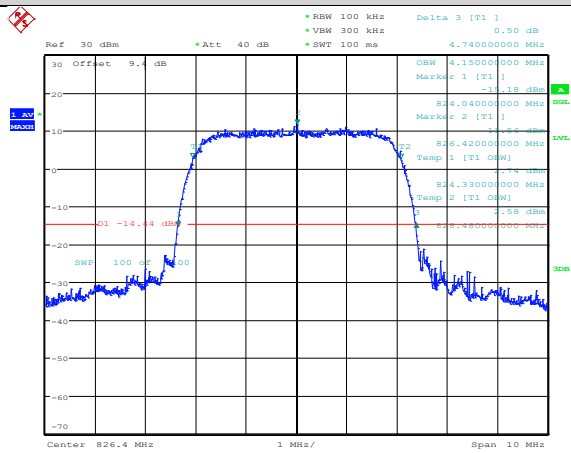
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Band5-4132-4



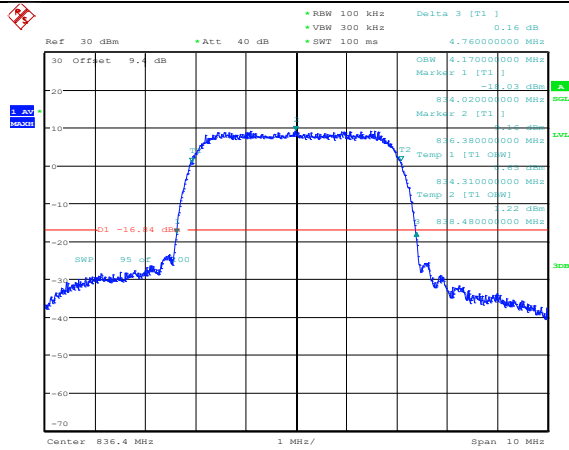
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Band5-4132-5



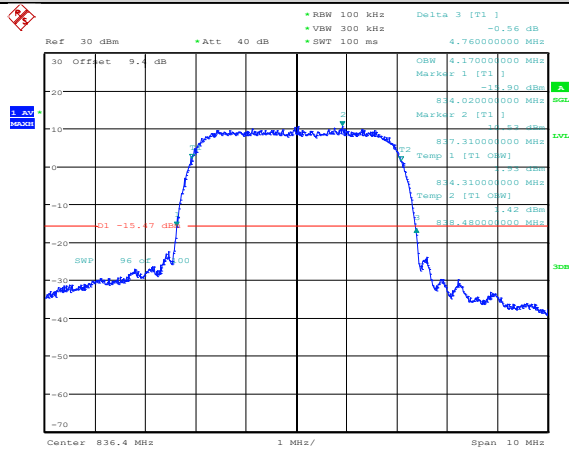
Date: 22.FEB.2023 20:57:07

Band5-4182-1



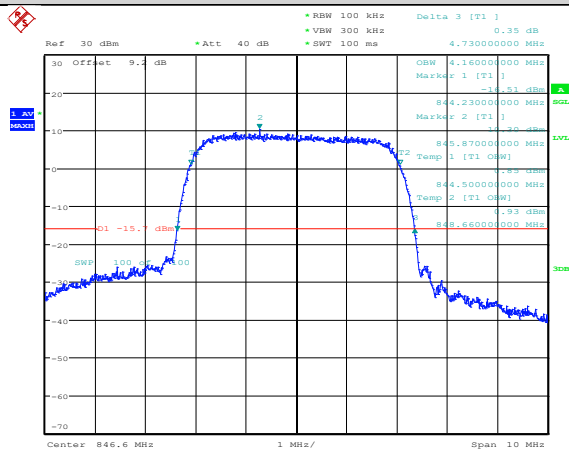
Date: 22.FEB.2023 20:55:19

Band5-4182-5



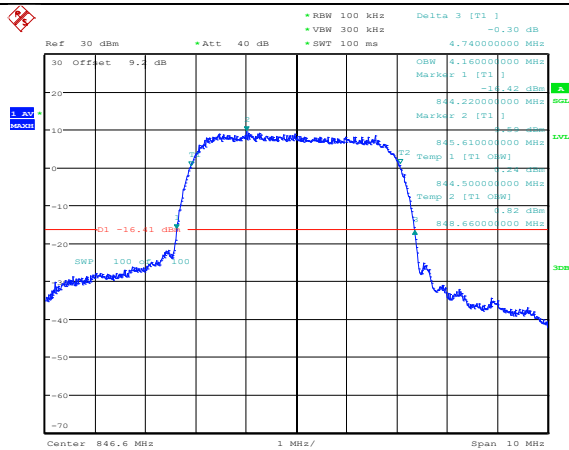
Date: 22.FEB.2023 20:57:35

Band5-4233-1



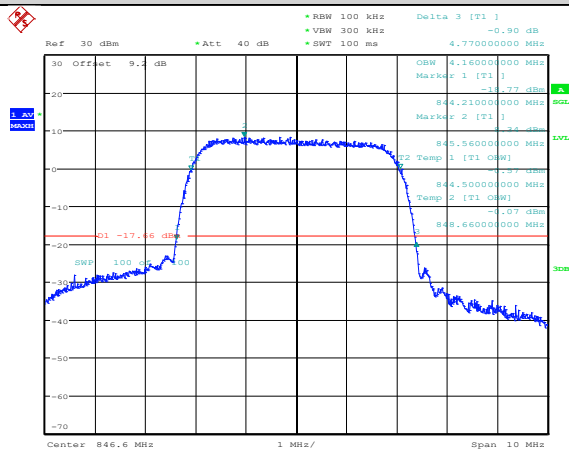
Date: 22.FEB.2023 20:45:34

Band5-4233-2



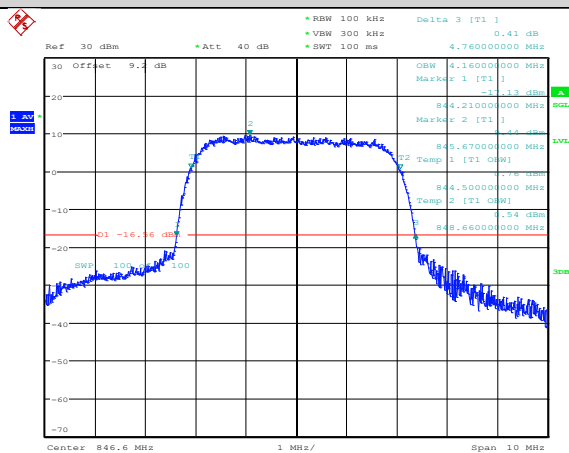
Date: 22.FEB.2023 20:49:15

Band5-4233-3



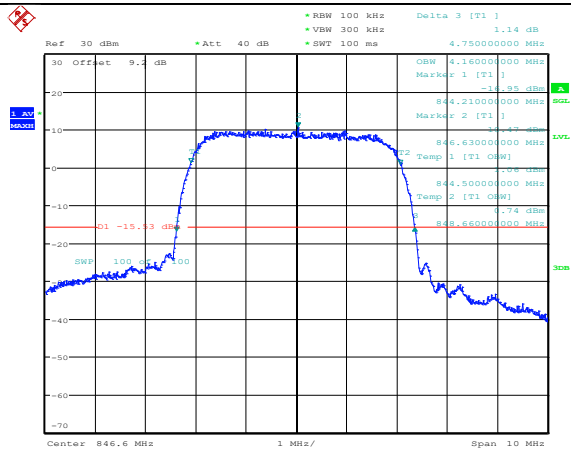
Date: 22.FEB.2023 20:52:44

Band5-4233-4



Date: 22.FEB.2023 20:56:20

Band5-4233-5



Date: 22.FEB.2023 20:58:04

AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-22.64	-13	PASS
Band5	4233	849.00	-24.95	-13	PASS

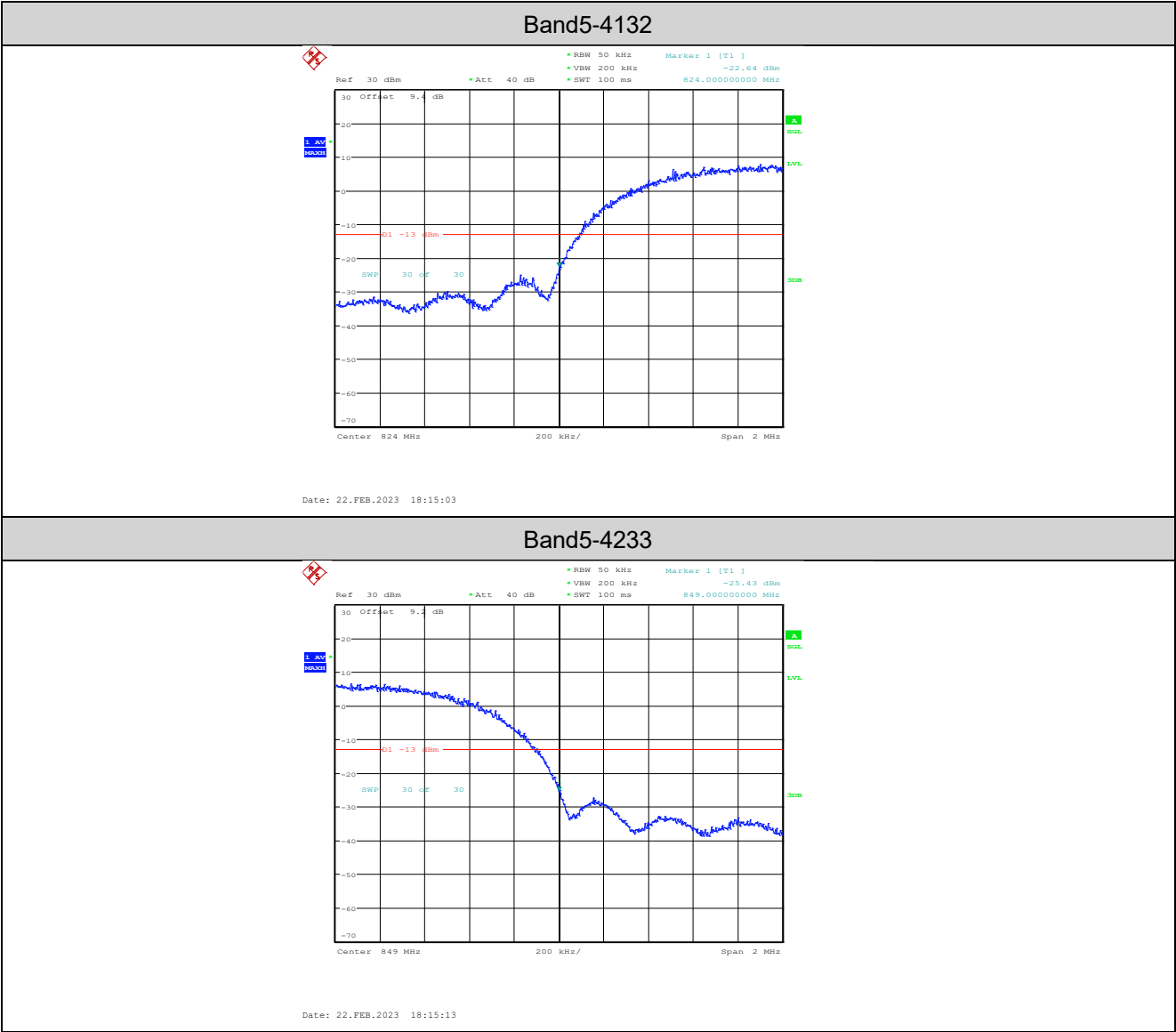
Test Result(HSDPA)

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-24.03	-13	PASS
Band5	4132	2	824.00	-25.32	-13	PASS
Band5	4132	3	824.00	-24.64	-13	PASS
Band5	4132	4	823.82	-25.36	-13	PASS
Band5	4233	1	849.00	-26.78	-13	PASS
Band5	4233	2	849.00	-26.37	-13	PASS
Band5	4233	3	849.00	-26.58	-13	PASS
Band5	4233	4	849.00	-24.56	-13	PASS

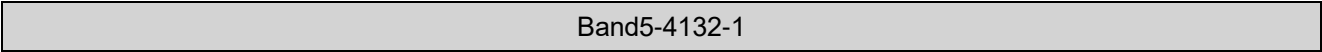
Test Result(HSUPA)

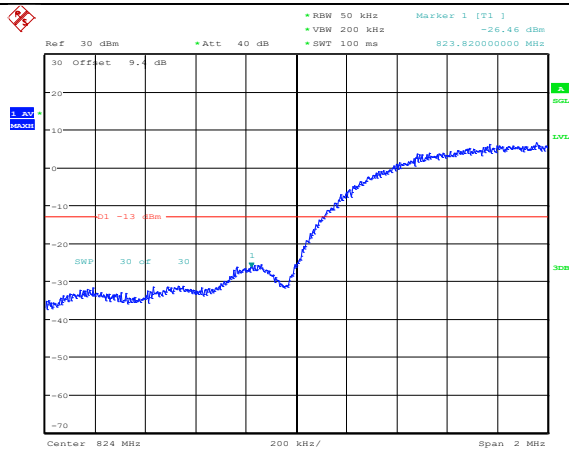
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-25.32	-13	PASS
Band5	4132	2	823.86	-25.15	-13	PASS
Band5	4132	3	824.00	-26.26	-13	PASS
Band5	4132	4	824.00	-24.71	-13	PASS
Band5	4132	5	823.83	-25.65	-13	PASS
Band5	4233	1	849.00	-26.32	-13	PASS
Band5	4233	2	849.00	-28.22	-13	PASS
Band5	4233	3	849.01	-28.65	-13	PASS
Band5	4233	4	849.00	-25.19	-13	PASS
Band5	4233	5	849.00	-26.46	-13	PASS

Test Graphs(WCDMA)



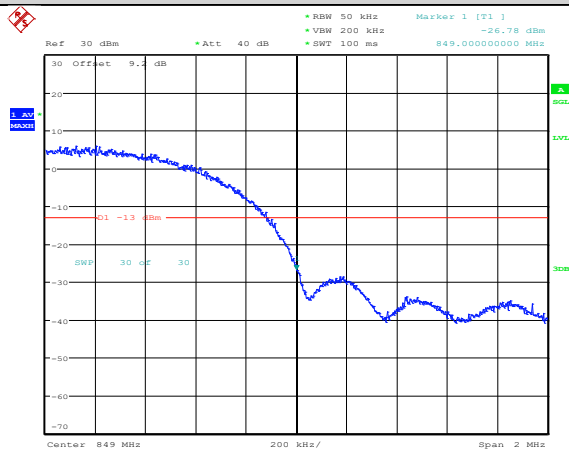
Test Graphs(HSDPA)





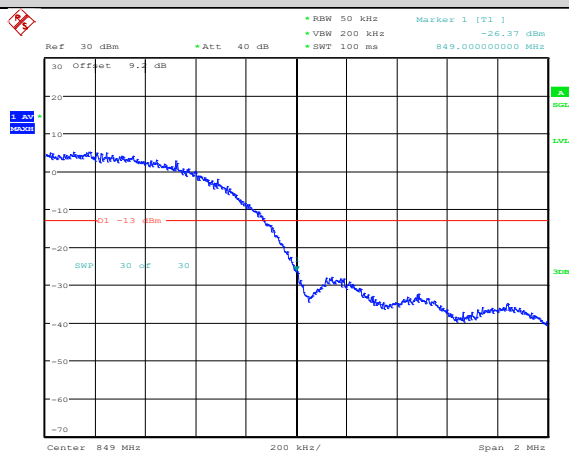
Date: 22.FEB.2023 18:48:20

Band5-4233-1



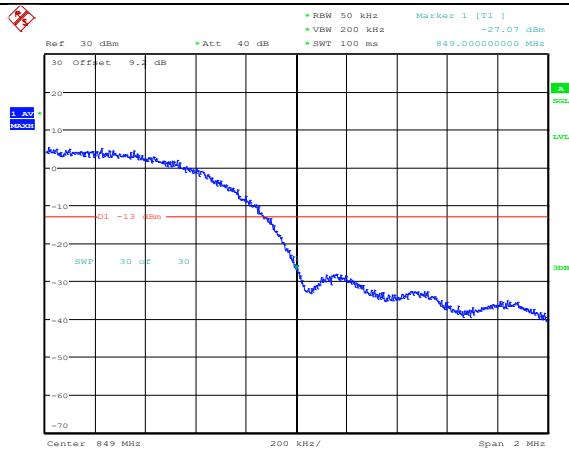
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Band5-4233-2



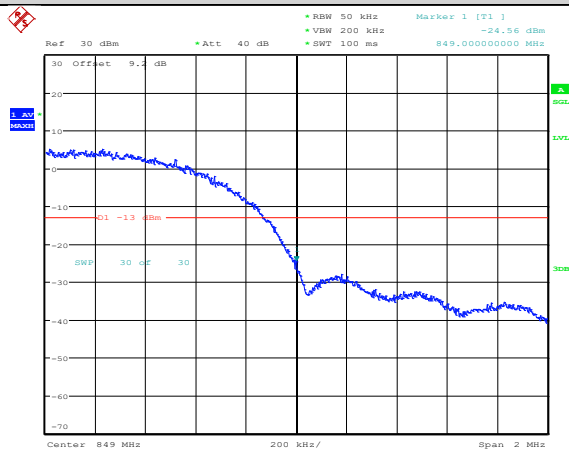
Date: 22.FEB.2023 18:47:03

Band5-4233-3



Date: 22.FEB.2023 18:47:50

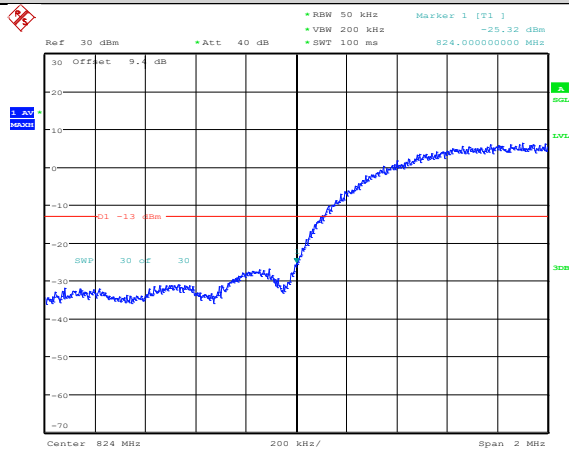
Band5-4233-4



Date: 22.FEB.2023 18:48:35

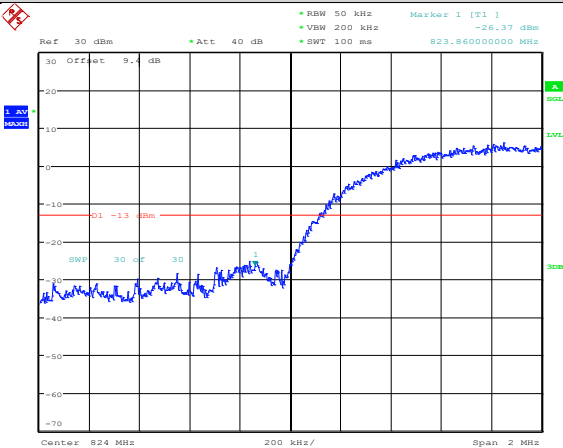
Test Graphs(HSUPA)

Band5-4132-1



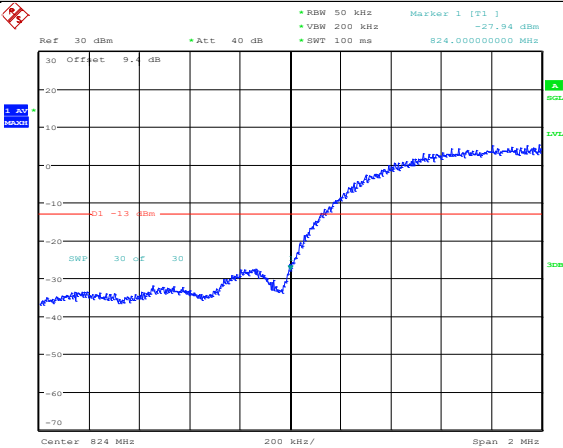
Date: 22.FEB.2023 20:59:30

Band5-4132-2



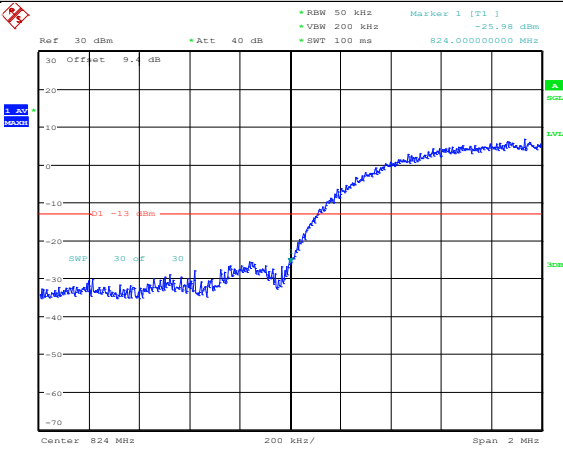
Date: 22.FEB.2023 21:01:44

Band5-4132-3



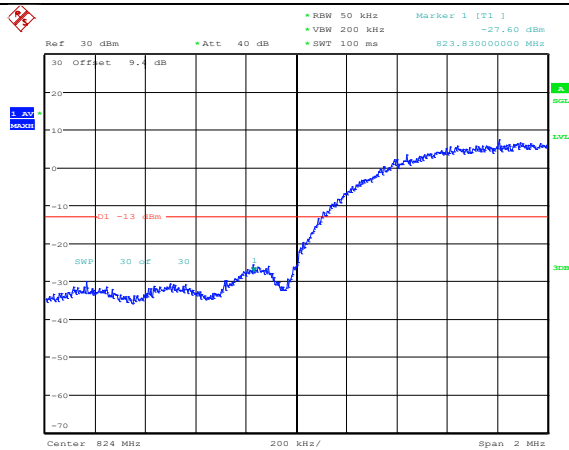
Date: 22.FEB.2023 21:03:53

Band5-4132-4



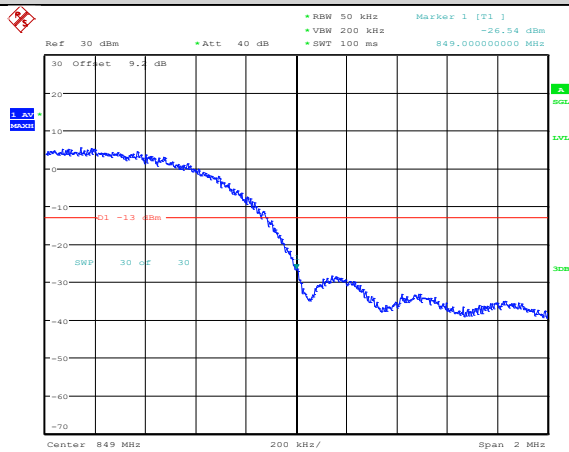
Date: 22.FEB.2023 21:06:04

Band5-4132-5



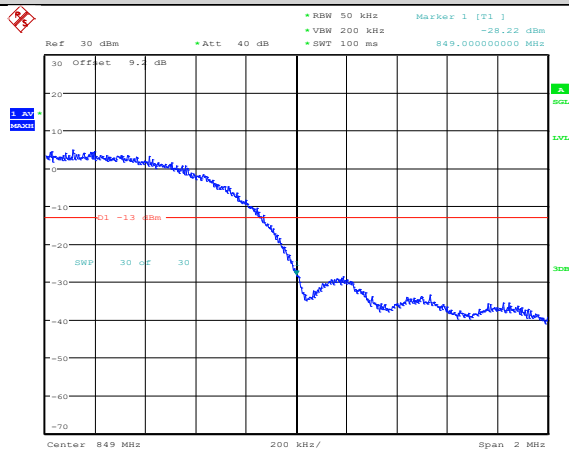
Date: 22.FEB.2023 21:07:44

Band5-4233-1



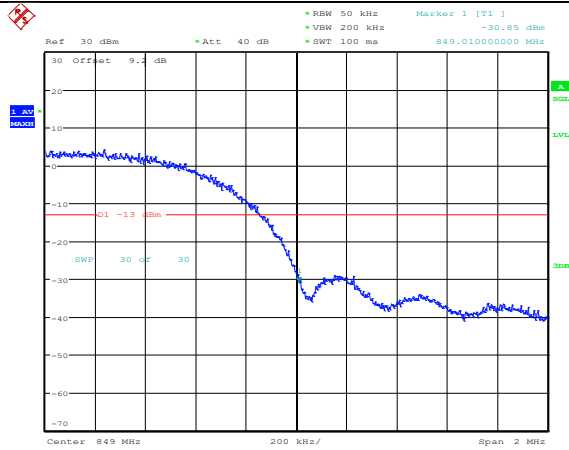
Date: 22.FEB.2023 21:00:34

Band5-4233-2



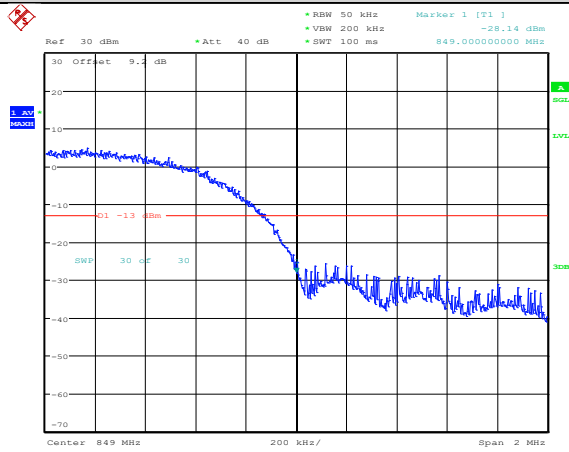
Date: 22.FEB.2023 21:02:44

Band5-4233-3



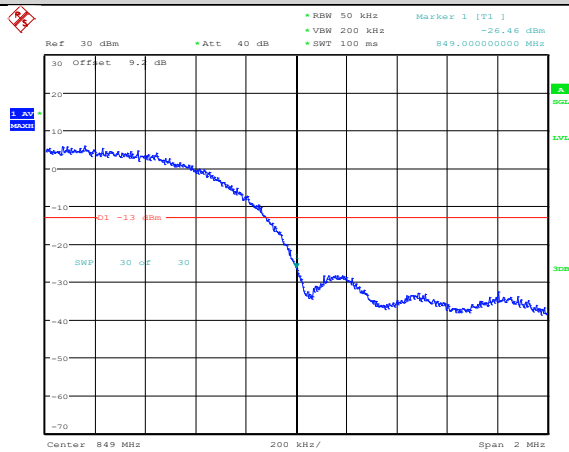
Date: 22.FEB.2023 21:04:55

Band5-4233-4



Date: 22.FEB.2023 21:07:06

Band5-4233-5



Date: 22.FEB.2023 21:08:04

AppendixE:Conducted SpuriousEmission

Test Result(WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.04	-72.49	-33	PASS
Band5	4132	0.15~30MHz	0.39	-56.05	-13	PASS
Band5	4132	30~1000MHz	364.17	-51.57	-13	PASS
Band5	4132	1000~10000MHz	3189.25	-36.88	-13	PASS
Band5	4182	0.009~0.15MHz	0.04	-72.58	-33	PASS
Band5	4182	0.15~30MHz	0.54	-57.19	-13	PASS
Band5	4182	30~1000MHz	353.01	-51.12	-13	PASS
Band5	4182	1000~10000MHz	3189.7	-37.25	-13	PASS
Band5	4233	0.009~0.15MHz	0.02	-71.25	-33	PASS
Band5	4233	0.15~30MHz	0.66	-56.17	-13	PASS
Band5	4233	30~1000MHz	730.83	-51.76	-13	PASS
Band5	4233	1000~10000MHz	3178.9	-37.24	-13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.15~30MHz	0.48	-58.63	-13	PASS
Band5	4132	1	30~1000MHz	196.84	-51.66	-13	PASS
Band5	4132	1	1000~10000MHz	3185.65	-35.29	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.04	-71.98	-33	PASS
Band5	4132	2	0.15~30MHz	0.3	-56.98	-13	PASS
Band5	4132	2	30~1000MHz	246.31	-51.76	-13	PASS
Band5	4132	2	1000~10000MHz	3182.05	-32.95	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-72.27	-33	PASS
Band5	4132	3	0.15~30MHz	0.36	-55.96	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.02	-71.13	-33	PASS
Band5	4132	3	1000~10000MHz	3191.05	-36.61	-13	PASS
Band5	4132	3	30~1000MHz	565.44	-51.56	-13	PASS
Band5	4132	4	0.15~30MHz	0.93	-56.03	-13	PASS
Band5	4132	4	1000~10000MHz	3189.25	-36.34	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.02	-71.78	-33	PASS
Band5	4132	4	30~1000MHz	532.95	-51.54	-13	PASS

Band5	4182	1	1000~10000MHz	3170.8	-37.11	-13	PASS
Band5	4182	1	30~1000MHz	350.1	-51.52	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-70.77	-33	PASS
Band5	4182	1	0.15~30MHz	0.39	-57.67	-13	PASS
Band5	4182	2	0.15~30MHz	0.33	-55.57	-13	PASS
Band5	4182	2	30~1000MHz	134.28	-51.24	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.04	-72.3	-33	PASS
Band5	4182	2	1000~10000MHz	3191.95	-35.94	-13	PASS
Band5	4182	3	30~1000MHz	936.47	-51.68	-13	PASS
Band5	4182	3	0.15~30MHz	0.63	-56.41	-13	PASS
Band5	4182	3	1000~10000MHz	3175.3	-36.25	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.02	-72.1	-33	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-69.57	-33	PASS
Band5	4182	4	0.15~30MHz	0.93	-56.34	-13	PASS
Band5	4182	4	30~1000MHz	93.05	-51.4	-13	PASS
Band5	4182	4	1000~10000MHz	3187	-35.88	-13	PASS
Band5	4233	1	0.15~30MHz	0.24	-58.18	-13	PASS
Band5	4233	1	30~1000MHz	299.66	-51.05	-13	PASS
Band5	4233	1	1000~10000MHz	3193.3	-37.23	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-71.82	-33	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-70.18	-33	PASS
Band5	4233	2	0.15~30MHz	0.96	-57.02	-13	PASS
Band5	4233	2	1000~10000MHz	3185.65	-34.66	-13	PASS
Band5	4233	2	30~1000MHz	533.92	-51.8	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-72.39	-33	PASS
Band5	4233	3	0.15~30MHz	0.21	-56.38	-13	PASS
Band5	4233	3	30~1000MHz	289.48	-51.49	-13	PASS
Band5	4233	3	1000~10000MHz	3163.6	-37.33	-13	PASS
Band5	4233	4	1000~10000MHz	3173.95	-35.64	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-71.58	-33	PASS
Band5	4233	4	0.15~30MHz	0.21	-56.33	-13	PASS
Band5	4233	4	30~1000MHz	164.35	-50.91	-13	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
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Band5	4132	1	0.15~30MHz	0.3	-56.37	-13	PASS
Band5	4132	1	30~1000MHz	238.55	-51.1	-13	PASS
Band5	4132	1	1000~10000MHz	3189.25	-35.28	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.02	-72.78	-33	PASS
Band5	4132	2	30~1000MHz	561.56	-51.5	-13	PASS
Band5	4132	2	1000~10000MHz	3187.45	-33.62	-13	PASS
Band5	4132	2	0.15~30MHz	0.42	-58.38	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-72.5	-33	PASS
Band5	4132	3	1000~10000MHz	3184.75	-33.7	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.03	-71.83	-33	PASS
Band5	4132	3	0.15~30MHz	0.45	-56.97	-13	PASS
Band5	4132	3	30~1000MHz	555.26	-51.48	-13	PASS
Band5	4132	4	1000~10000MHz	3172.15	-34.55	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.03	-71.81	-33	PASS
Band5	4132	4	30~1000MHz	337.49	-51.7	-13	PASS
Band5	4132	4	0.15~30MHz	0.24	-57.16	-13	PASS
Band5	4132	5	0.009~0.15MHz	0.02	-72.27	-33	PASS
Band5	4132	5	1000~10000MHz	3186.1	-35.08	-13	PASS
Band5	4132	5	0.15~30MHz	0.24	-54.76	-13	PASS
Band5	4132	5	30~1000MHz	295.3	-51.56	-13	PASS
Band5	4182	1	1000~10000MHz	3187.45	-35.64	-13	PASS
Band5	4182	1	30~1000MHz	685.24	-51.27	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-71.5	-33	PASS
Band5	4182	1	0.15~30MHz	0.24	-57.4	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.02	-71.51	-33	PASS
Band5	4182	2	30~1000MHz	305.48	-51.83	-13	PASS
Band5	4182	2	0.15~30MHz	0.45	-56.4	-13	PASS
Band5	4182	2	1000~10000MHz	3184.3	-33.27	-13	PASS
Band5	4182	3	0.15~30MHz	0.33	-56.99	-13	PASS
Band5	4182	3	30~1000MHz	502.88	-51.44	-13	PASS
Band5	4182	3	1000~10000MHz	3180.7	-35.19	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.04	-71.78	-33	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-71.5	-33	PASS
Band5	4182	4	1000~10000MHz	3171.7	-34.52	-13	PASS
Band5	4182	4	0.15~30MHz	0.63	-57.02	-13	PASS
Band5	4182	4	30~1000MHz	159.5	-50.9	-13	PASS
Band5	4182	5	1000~10000MHz	3185.2	-35.54	-13	PASS

Band5	4182	5	0.15~30MHz	0.21	-56.73	-13	PASS
Band5	4182	5	30~1000MHz	518.4	-51.14	-13	PASS
Band5	4182	5	0.009~0.15MHz	0.04	-70.79	-33	PASS
Band5	4233	1	1000~10000MHz	3191.95	-36.99	-13	PASS
Band5	4233	1	30~1000MHz	258.44	-51.06	-13	PASS
Band5	4233	1	0.15~30MHz	0.24	-56.13	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-71.76	-33	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-70.82	-33	PASS
Band5	4233	2	0.15~30MHz	0.36	-55.28	-13	PASS
Band5	4233	2	30~1000MHz	32.91	-50.83	-13	PASS
Band5	4233	2	1000~10000MHz	3189.25	-36.95	-13	PASS
Band5	4233	3	30~1000MHz	262.32	-51.41	-13	PASS
Band5	4233	3	1000~10000MHz	3185.65	-34.58	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-70.34	-33	PASS
Band5	4233	3	0.15~30MHz	0.39	-56.96	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-71.78	-33	PASS
Band5	4233	4	1000~10000MHz	3184.3	-35.01	-13	PASS
Band5	4233	4	0.15~30MHz	0.21	-55.77	-13	PASS
Band5	4233	4	30~1000MHz	257.95	-49.75	-13	PASS
Band5	4233	5	1000~10000MHz	3176.2	-36.1	-13	PASS
Band5	4233	5	0.009~0.15MHz	0.04	-70.34	-33	PASS
Band5	4233	5	0.15~30MHz	0.42	-56.73	-13	PASS
Band5	4233	5	30~1000MHz	721.61	-51.43	-13	PASS

Band5-4132-0.009~0.15MHz

Ref: 0 dBm, Att: 20 dB, RBW: 1 kHz, Marker 1 [T1], VBW: 3 kHz, -72.49 dBm, SWT: 145 ms, 98.18700000 kHz

Start: 9 kHz, 14.1 kHz/, Stop: 150 kHz

Date: 22.FEB.2023 18:15:43

Band5-4132-0.15~30MHz

Ref: 10 dBm, Att: 30 dB, RBW: 30 kHz, Marker 1 [T1], VBW: 100 kHz, -56.05 dBm, SWT: 35 ms, 388.80000000 kHz

Start: 150 kHz, 2.985 MHz/, Stop: 30 MHz

Date: 22.FEB.2023 18:15:52

Band5-4132-30~1000MHz

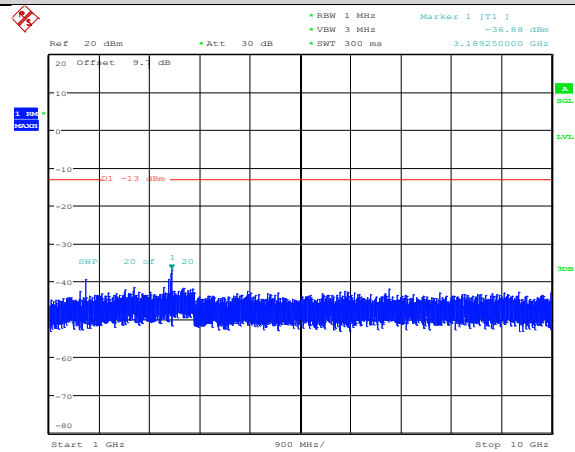
Ref: 30 dBm, Att: 30 dB, RBW: 100 kHz, Marker 2 [T1], VBW: 100 kHz, -31.87 dBm, SWT: 100 ms, 364.16500000 MHz

Start: 30 MHz, 97 MHz/, Stop: 1 GHz

Date: 22.FEB.2023 18:15:59

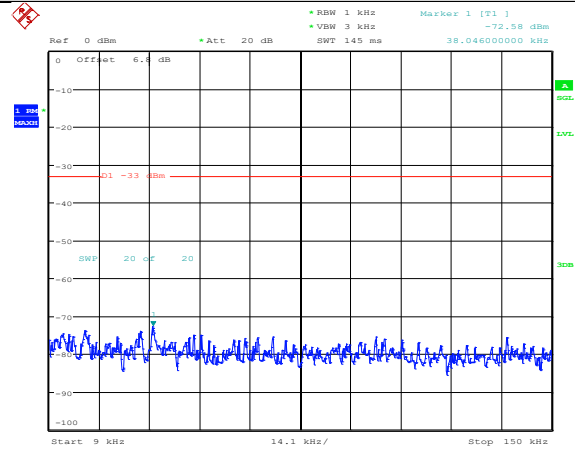


Band5-4132-1000~10000MHz



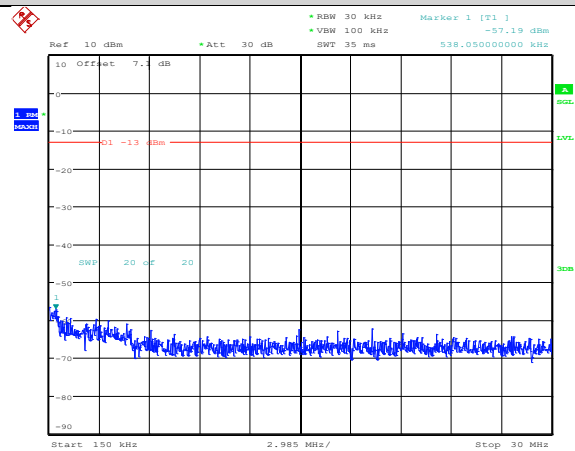
Date: 22.FEB.2023 18:16:14

Band5-4182-0.009~0.15MHz



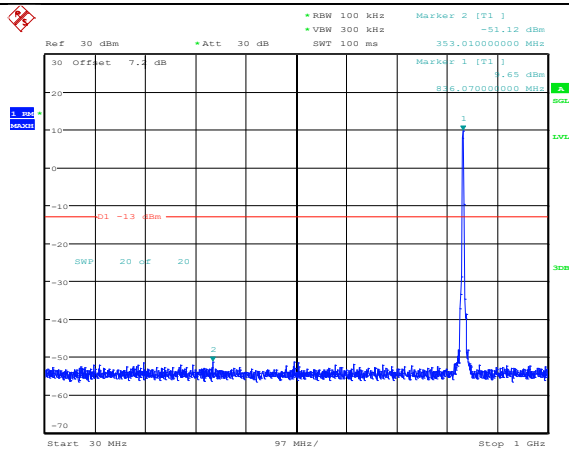
Date: 22.FEB.2023 18:16:30

Band5-4182-0.15~30MHz



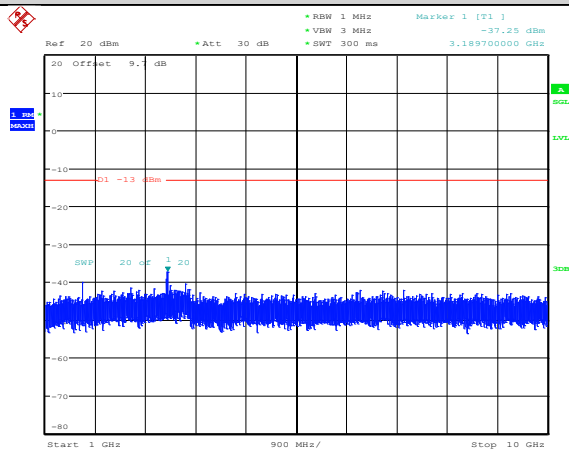
Date: 22.FEB.2023 18:16:38

Band5-4182-30~1000MHz



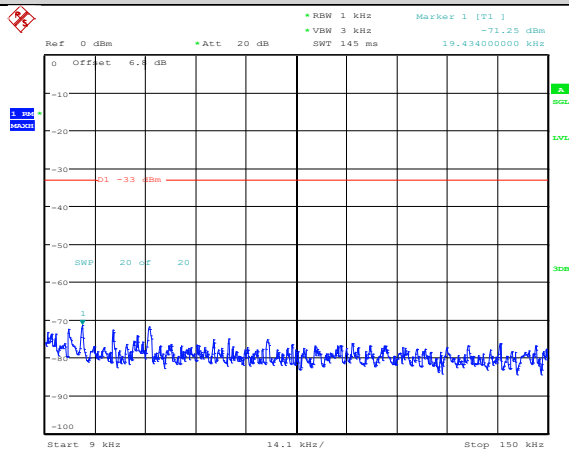
Date: 22.FEB.2023 18:16:46

Band5-4182-1000~10000MHz



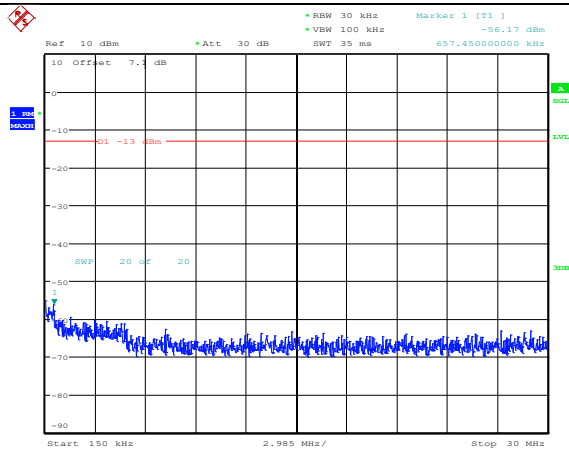
Date: 22.FEB.2023 18:17:00

Band5-4233-0.009~0.15MHz



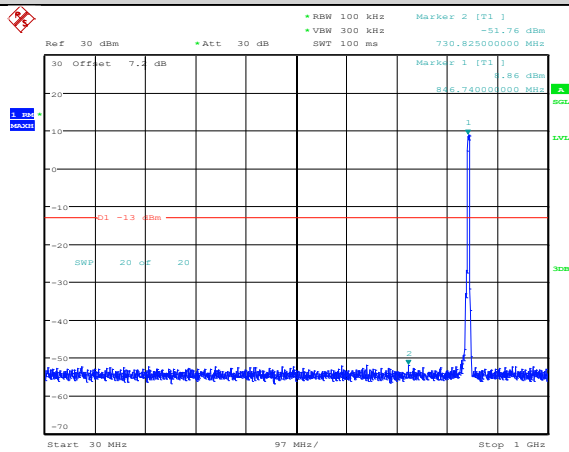
Date: 22.FEB.2023 18:17:16

Band5-4233-0.15~30MHz



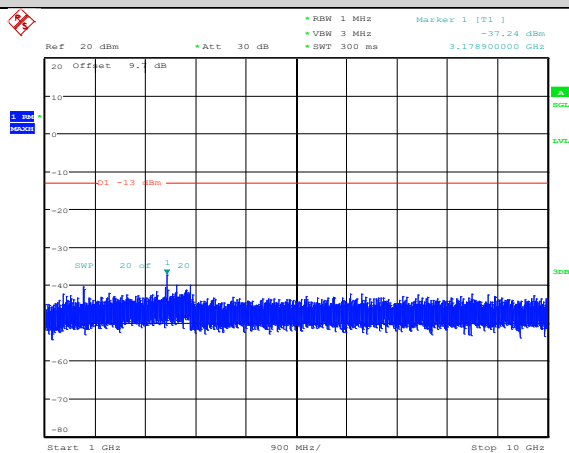
Date: 22.FEB.2023 18:17:25

Band5-4233-30~1000MHz



Date: 22.FEB.2023 18:17:32

Band5-4233-1000~10000MHz



Date: 22.FEB.2023 18:17:47

Band5-4132-1-0.15~30MHz

Ref 10 dBm Att 30 dB RBW 30 kHz VBW 100 kHz SWT 35 ms Marker 1 [T1] -58.63 dBm 478.35000000 kHz

Start 150 kHz 2.985 MHz/ Stop 30 MHz

Date: 22.FEB.2023 18:49:27

Band5-4132-1-30~1000MHz

Ref 30 dBm Att 30 dB RBW 100 kHz VBW 300 kHz SWT 100 ms Marker 1 [T1] -51.66 dBm 196.84000000 MHz

Start 30 MHz 97 MHz/ Stop 1 GHz

Date: 22.FEB.2023 18:49:38

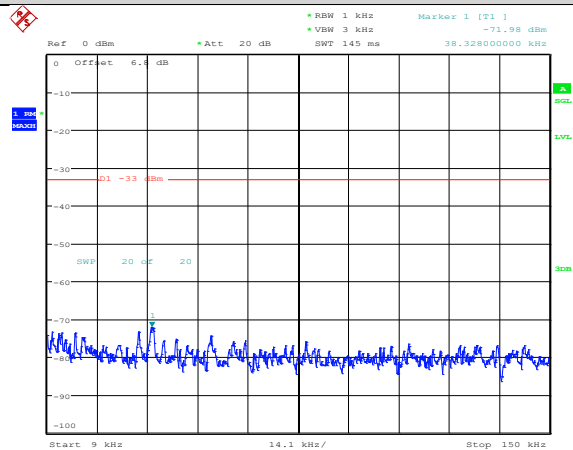
Band5-4132-1-1000~10000MHz

Ref 20 dBm Att 30 dB RBW 1 MHz VBW 3 MHz SWT 300 ms Marker 1 [T1] -35.29 dBm 3.18560000 GHz

Start 1 GHz 900 MHz/ Stop 10 GHz

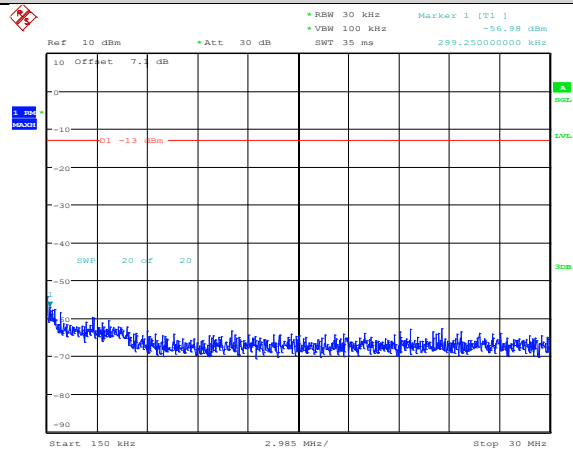
Date: 22.FEB.2023 18:49:51

Band5-4132-1-0.009~0.15MHz



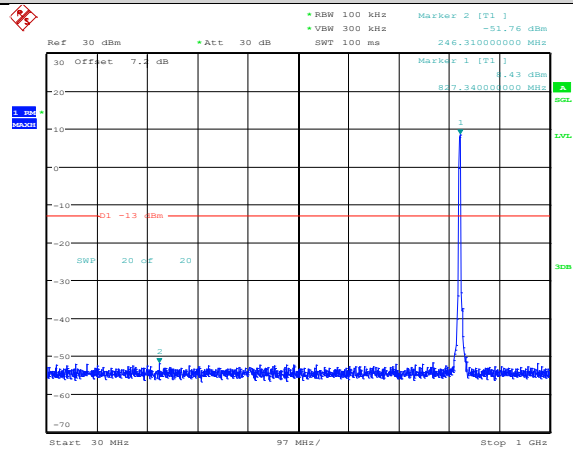
Date: 22.FEB.2023 18:49:19

Band5-4132-2-0.15~30MHz



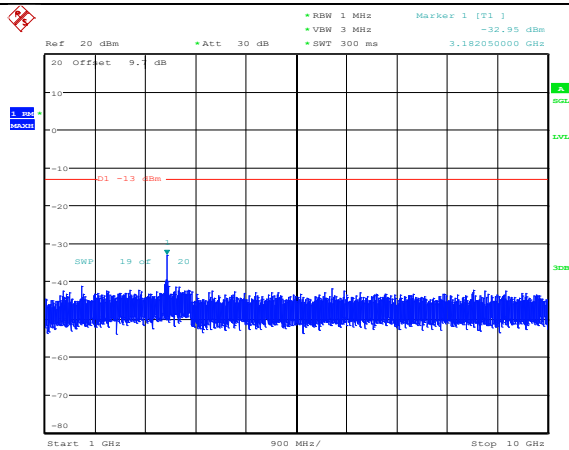
Date: 22.FEB.2023 18:52:14

Band5-4132-2-30~1000MHz



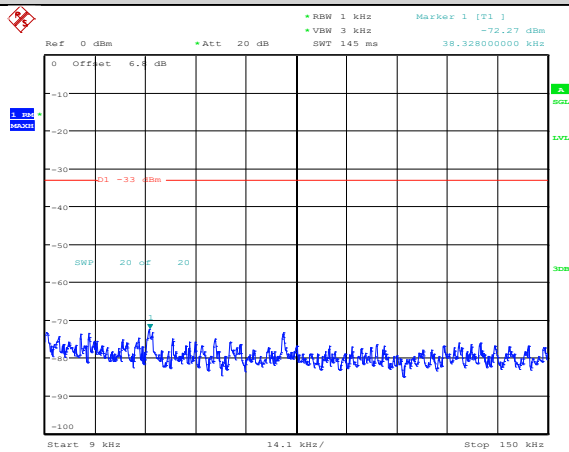
Date: 22.FEB.2023 18:52:24

Band5-4132-2-1000~10000MHz



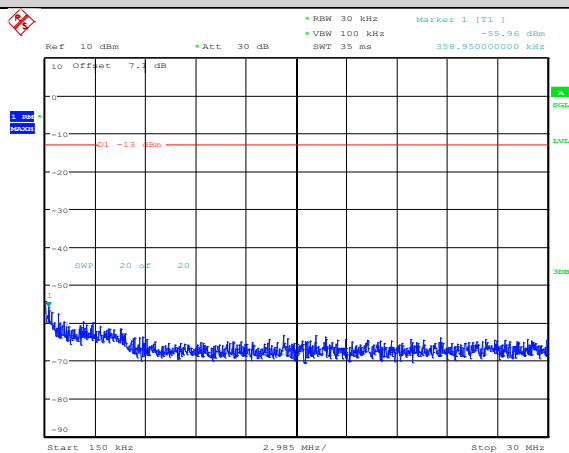
Date: 22.FEB.2023 18:52:38

Band5-4132-2-0.009~0.15MHz



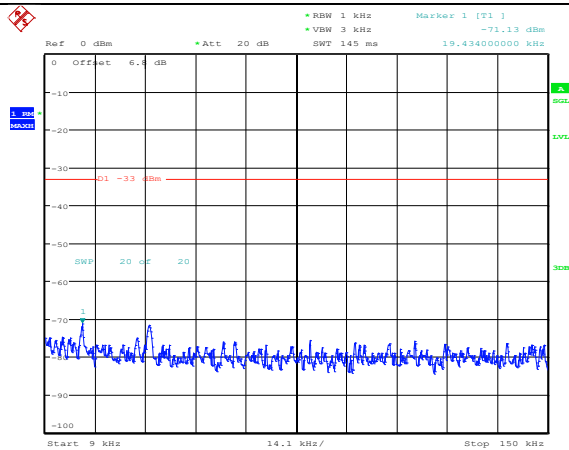
Date: 22.FEB.2023 18:52:05

Band5-4132-3-0.15~30MHz



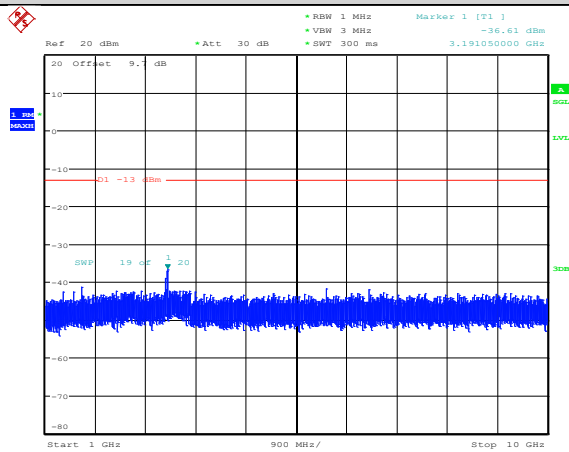
Date: 22.FEB.2023 18:55:00

Band5-4132-3-0.009~0.15MHz



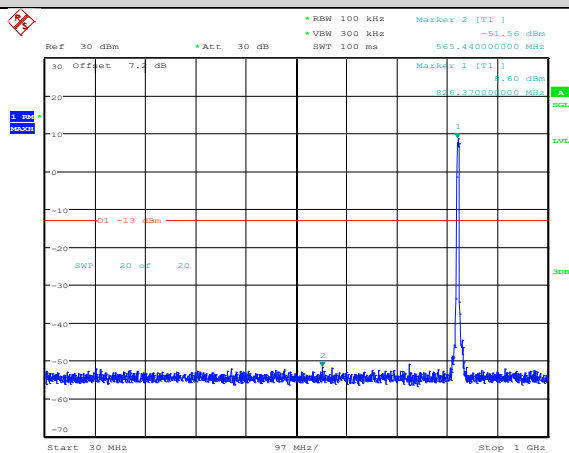
Date: 22.FEB.2023 18:54:52

Band5-4132-3-1000~10000MHz



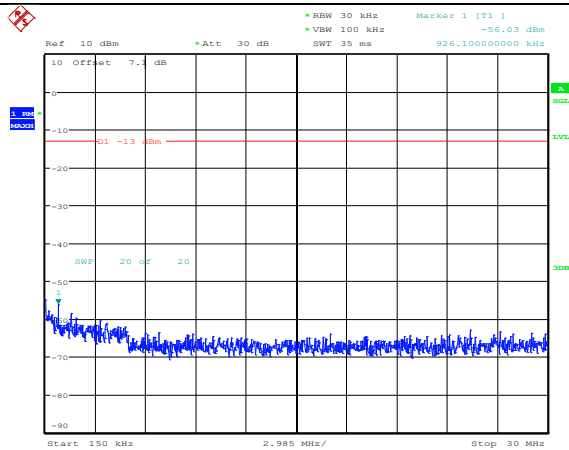
Date: 22.FEB.2023 18:55:24

Band5-4132-3-30~1000MHz



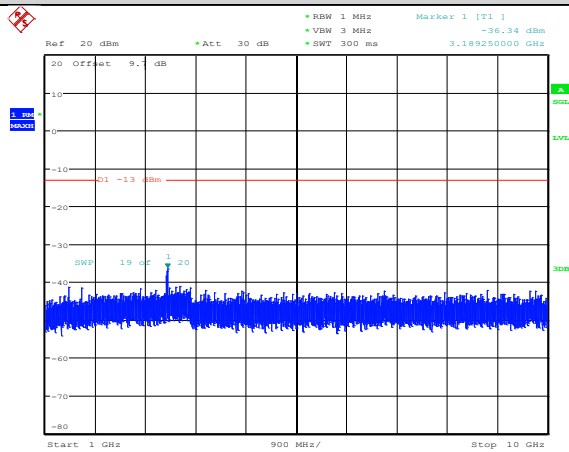
Date: 22.FEB.2023 18:55:11

Band5-4132-4-0.15~30MHz



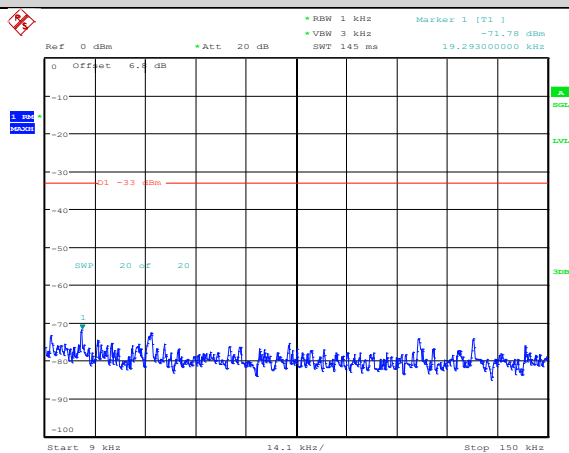
Date: 22.FEB.2023 18:57:46

Band5-4132-4-1000~10000MHz



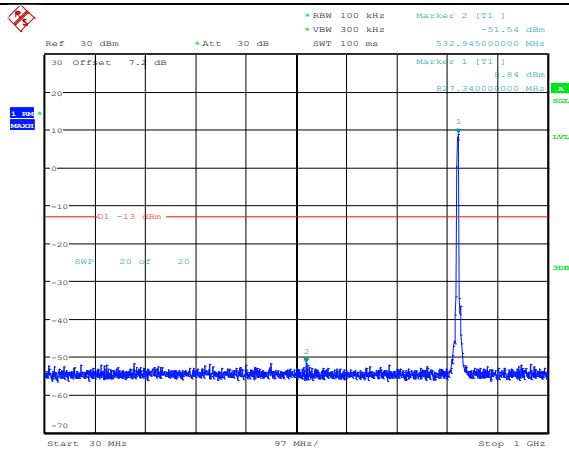
Date: 22.FEB.2023 18:58:10

Band5-4132-4-0.009~0.15MHz



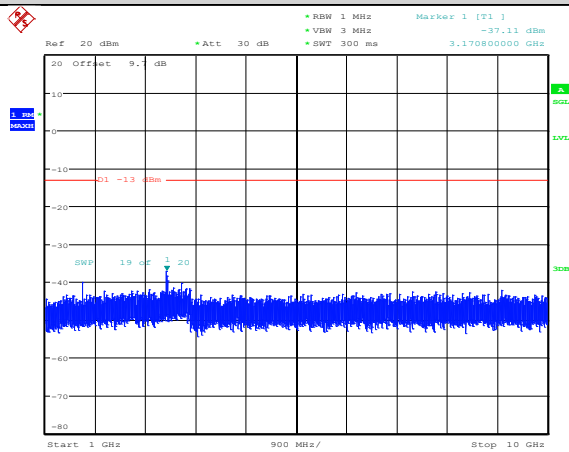
Date: 22.FEB.2023 18:57:38

Band5-4132-4-30~1000MHz



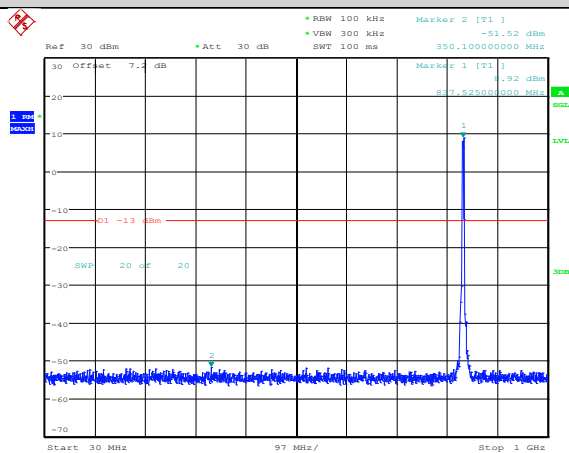
Date: 22.FEB.2023 18:57:57

Band5-4182-1-1000~10000MHz



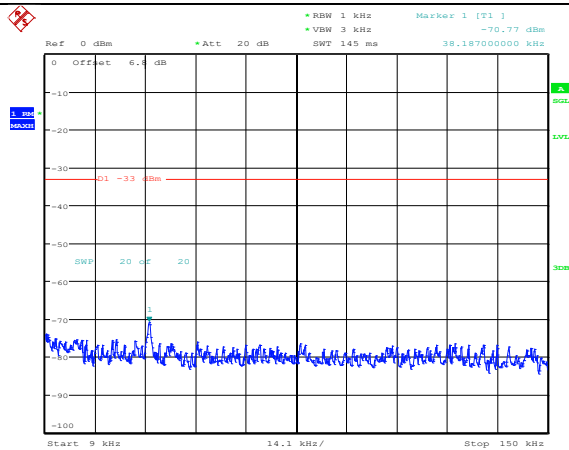
Date: 22.FEB.2023 18:50:41

Band5-4182-1-30~1000MHz



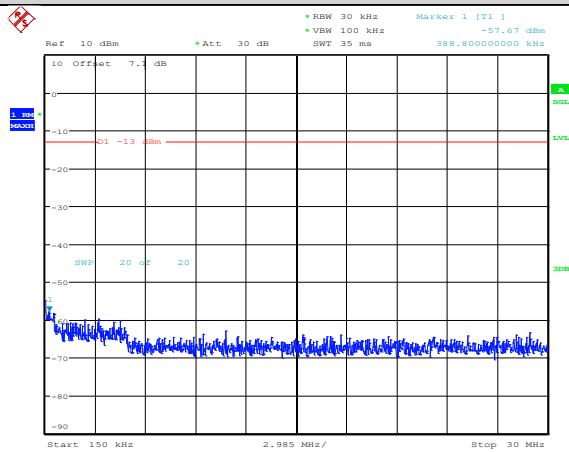
Date: 22.FEB.2023 18:50:28

Band5-4182-1-0.009~0.15MHz



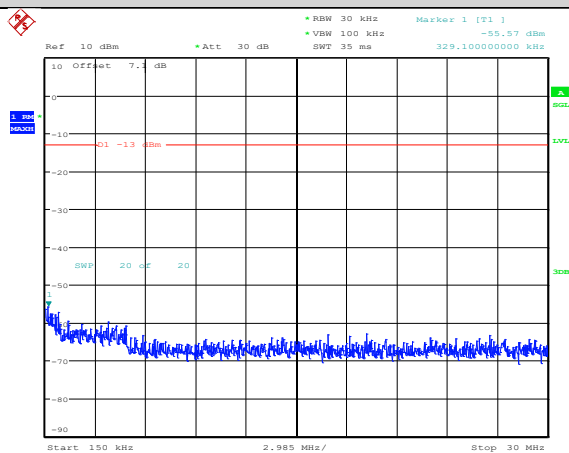
Date: 22.FEB.2023 18:50:09

Band5-4182-1-0.15~30MHz



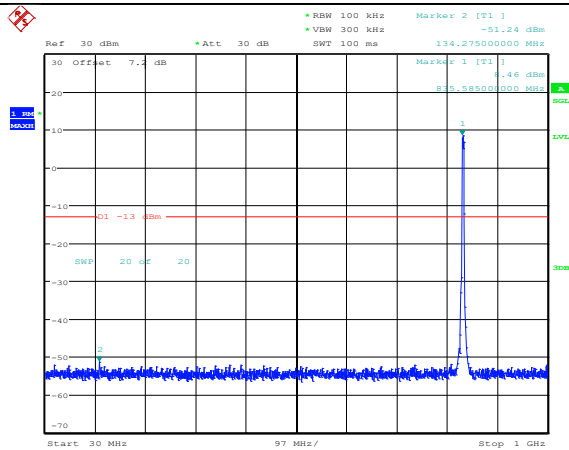
Date: 22.FEB.2023 18:50:17

Band5-4182-2-0.15~30MHz



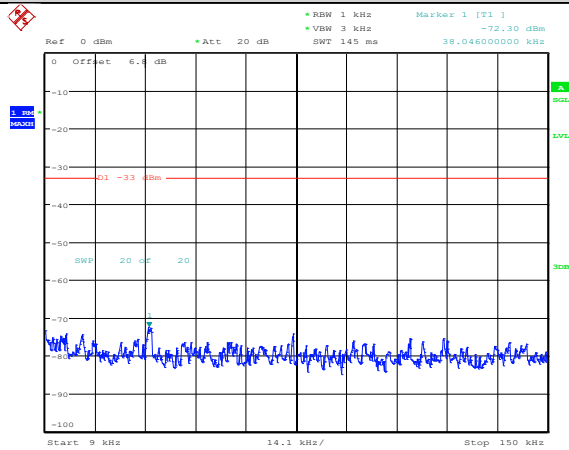
Date: 22.FEB.2023 18:53:04

Band5-4182-2-30~1000MHz



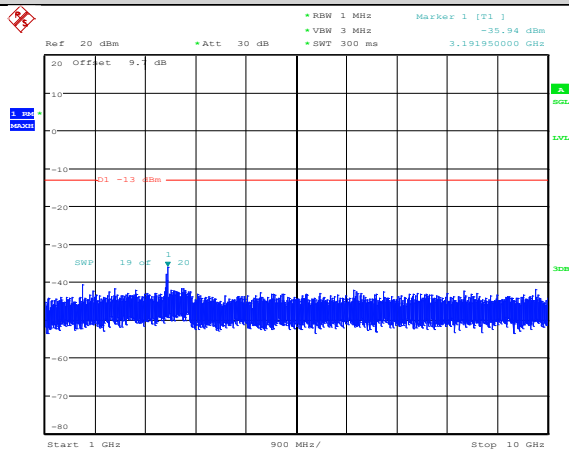
Date: 22.FEB.2023 18:53:15

Band5-4182-2-0.009~0.15MHz



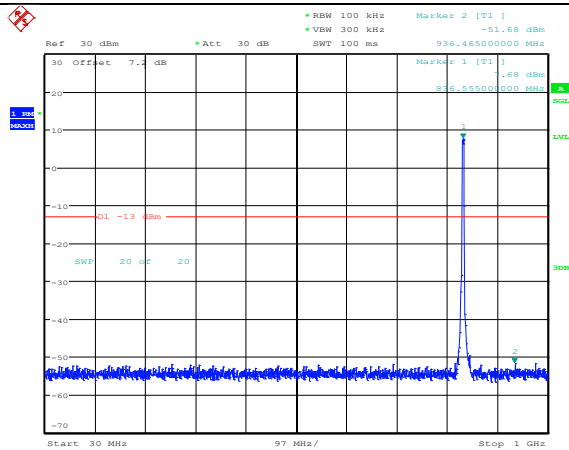
Date: 22.FEB.2023 18:52:56

Band5-4182-2-1000~10000MHz



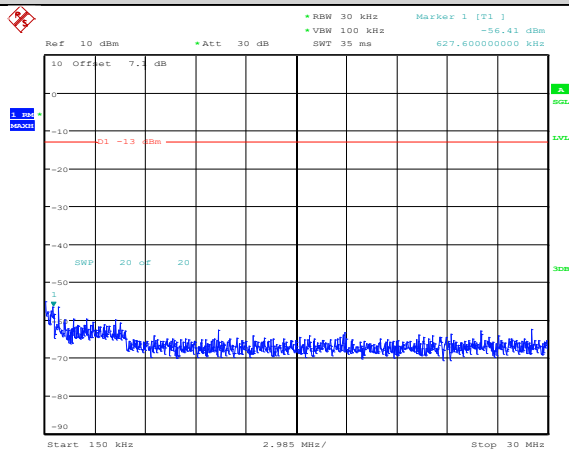
Date: 22.FEB.2023 18:53:28

Band5-4182-3-30~1000MHz



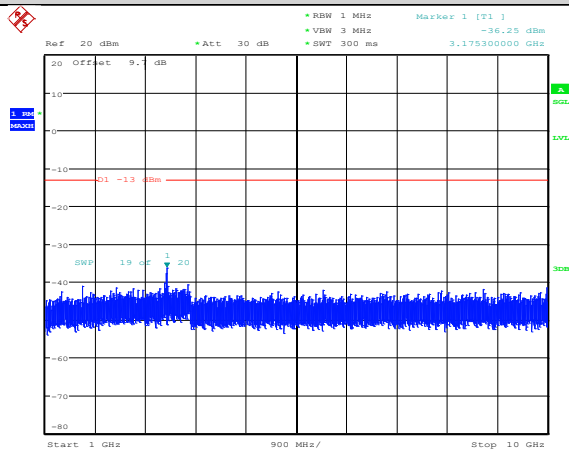
Date: 22.FEB.2023 18:56:01

Band5-4182-3-0.15~30MHz



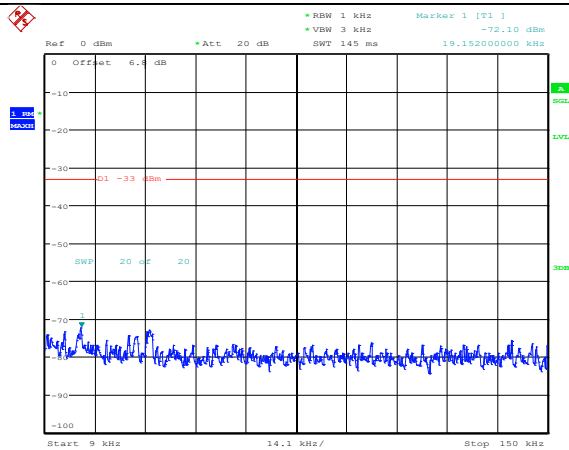
Date: 22.FEB.2023 18:55:50

Band5-4182-3-1000~10000MHz



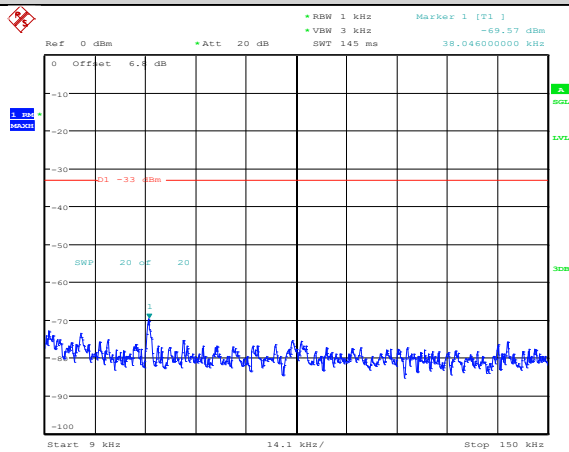
Date: 22.FEB.2023 18:56:14

Band5-4182-3-0.009~0.15MHz



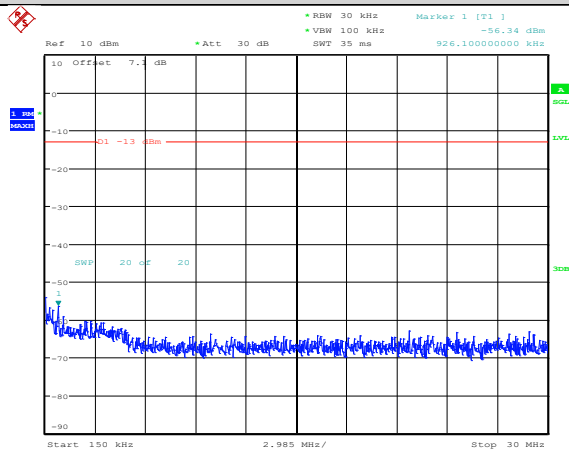
Date: 22.FEB.2023 18:55:42

Band5-4182-4-0.009~0.15MHz



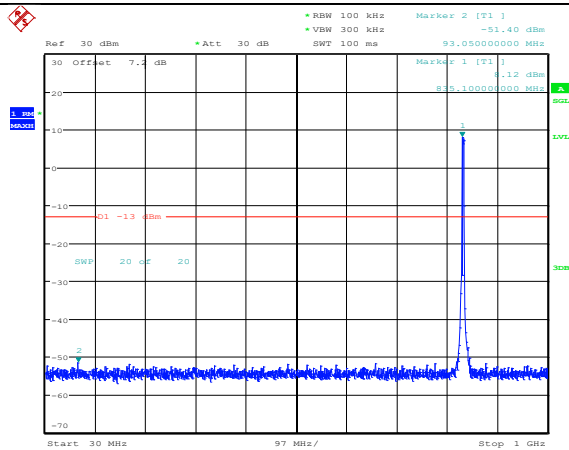
Date: 22.FEB.2023 18:58:28

Band5-4182-4-0.15~30MHz



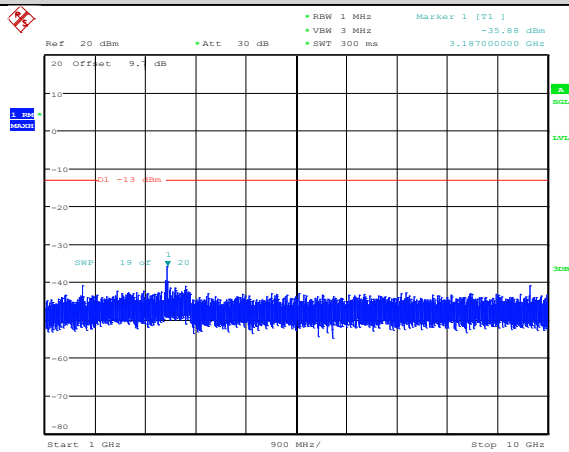
Date: 22.FEB.2023 18:58:36

Band5-4182-4-30~1000MHz



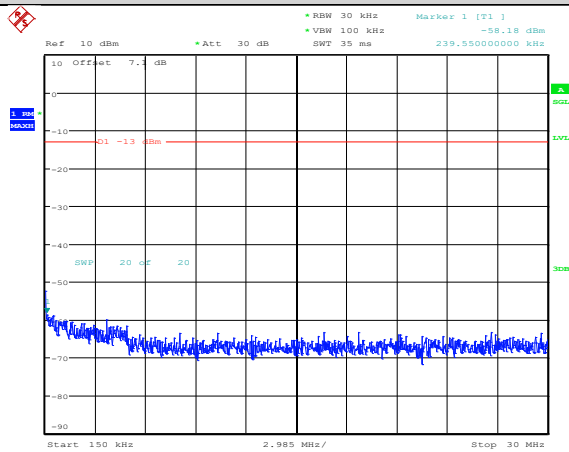
Date: 22.FEB.2023 18:58:47

Band5-4182-4-1000~10000MHz



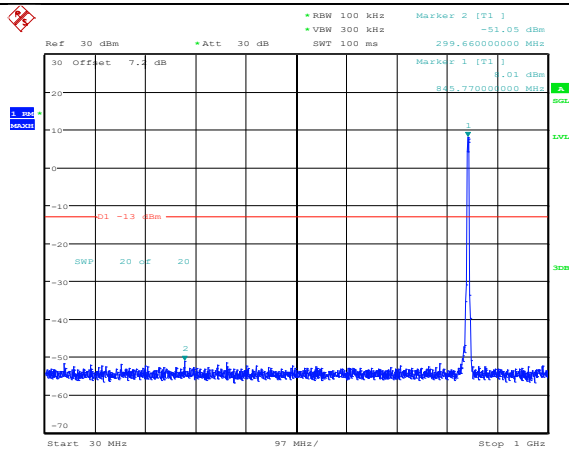
Date: 22.FEB.2023 18:59:00

Band5-4233-1-0.15~30MHz



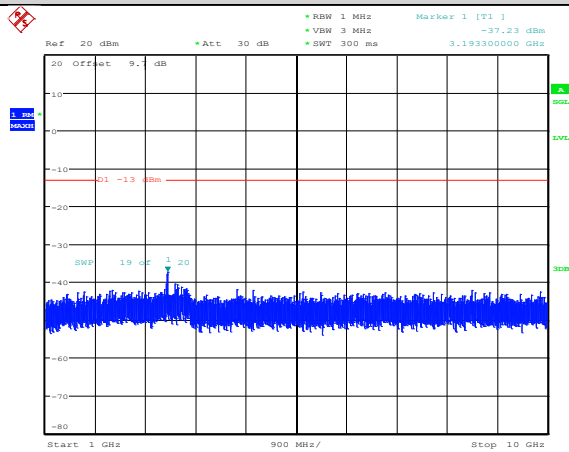
Date: 22.FEB.2023 18:51:07

Band5-4233-1-30~1000MHz



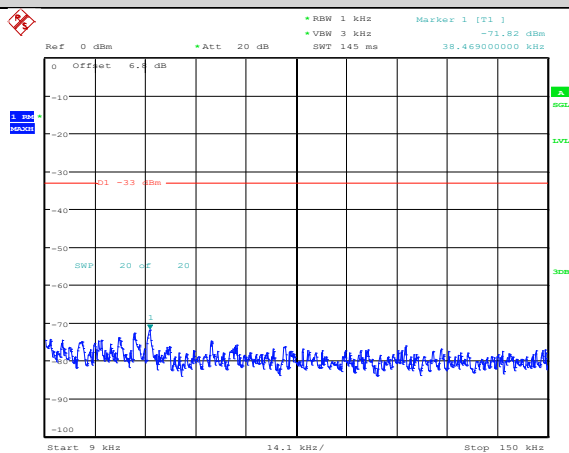
Date: 22.FEB.2023 18:51:18

Band5-4233-1-1000~10000MHz



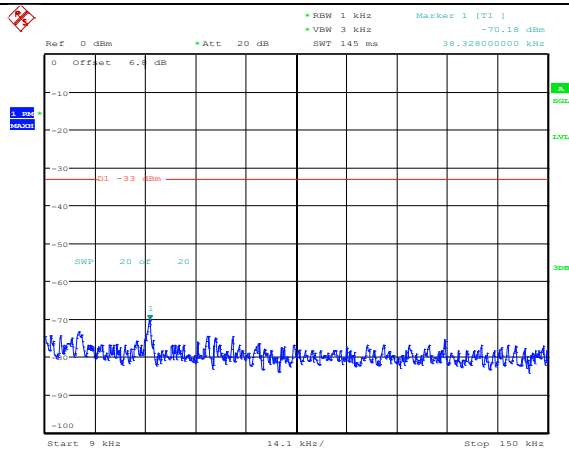
Date: 22.FEB.2023 18:51:31

Band5-4233-1-0.009~0.15MHz



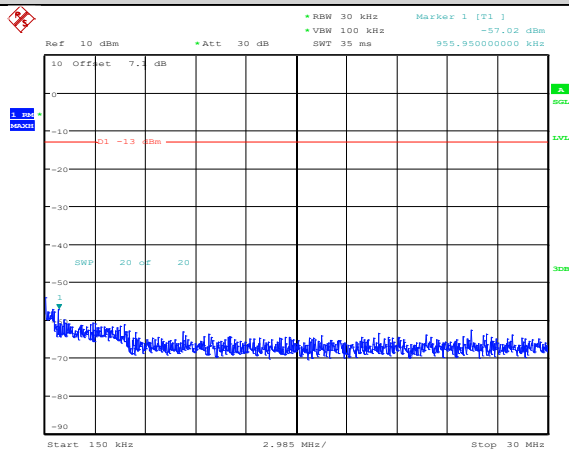
Date: 22.FEB.2023 18:50:59

Band5-4233-2-0.009~0.15MHz



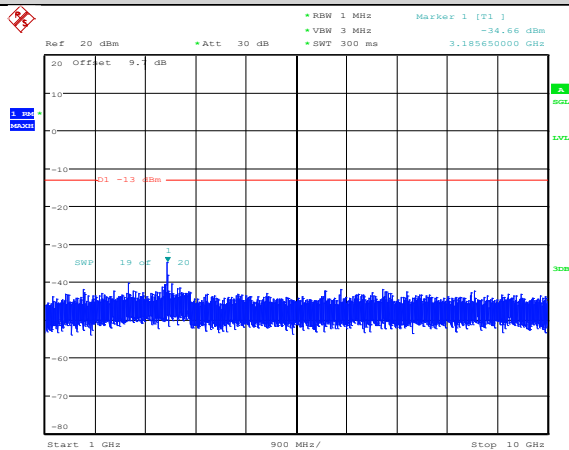
Date: 22.FEB.2023 18:53:46

Band5-4233-2-0.15~30MHz



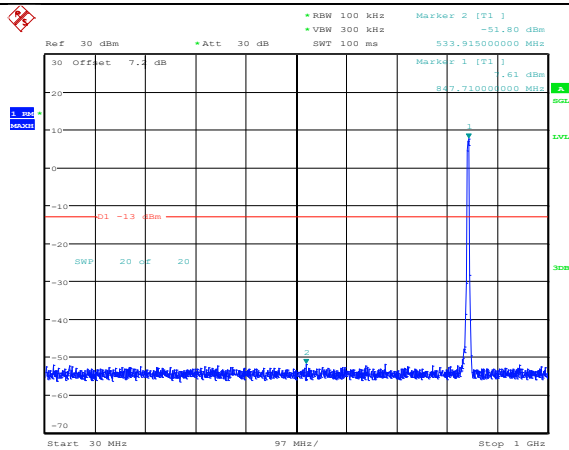
Date: 22.FEB.2023 18:53:54

Band5-4233-2-1000~10000MHz



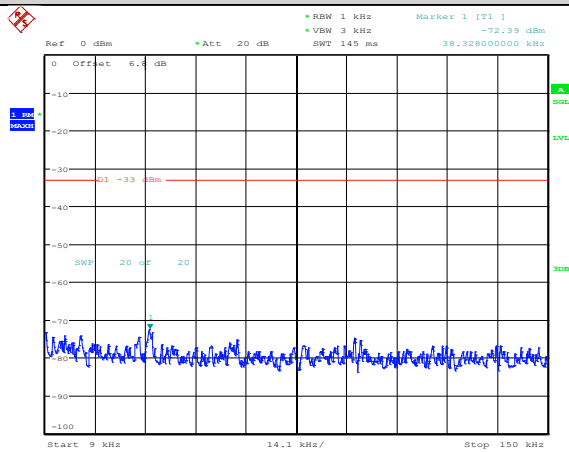
Date: 22.FEB.2023 18:54:18

Band5-4233-2-30~1000MHz



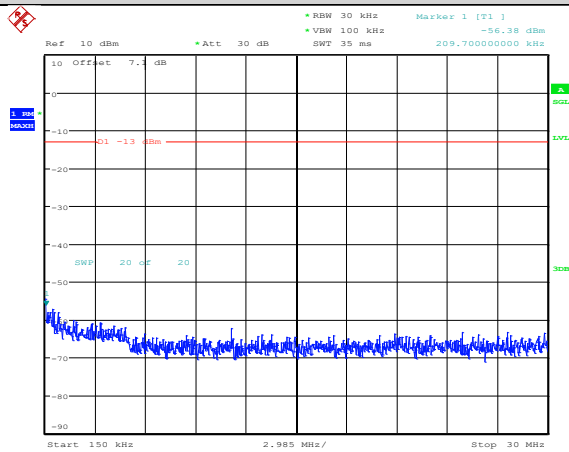
Date: 22.FEB.2023 18:54:05

Band5-4233-3-0.009~0.15MHz



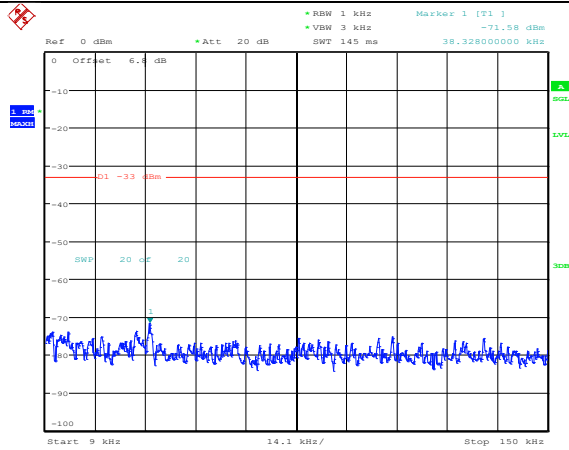
Date: 22.FEB.2023 18:56:32

Band5-4233-3-0.15~30MHz



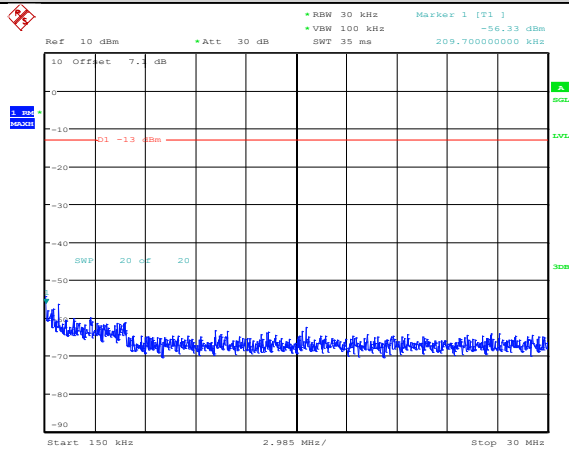
Date: 22.FEB.2023 18:56:40

Band5-4233-3-30~1000MHz



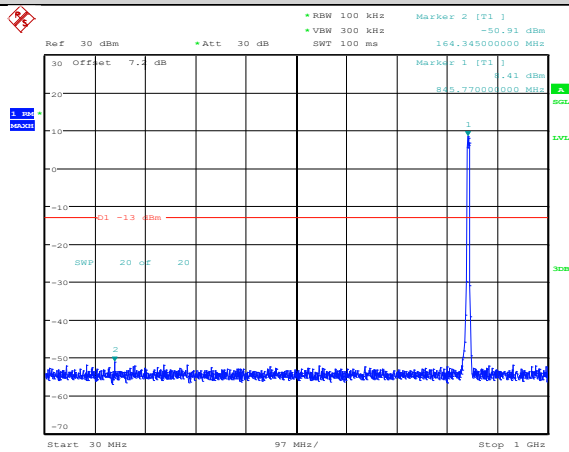
Date: 22.FEB.2023 18:59:18

Band5-4233-4-0.15~30MHz



Date: 22.FEB.2023 18:59:26

Band5-4233-4-30~1000MHz



Date: 22.FEB.2023 18:59:37

Band5-4132-1-0.15~30MHz

Ref 10 dBm Att 30 dB RBW 30 kHz VBW 100 kHz SWT 35 ms Marker 1 [T1] -56.37 dBm 298.25000000 kHz

Start 150 kHz 2.985 MHz/ Stop 30 MHz

Date: 22.FEB.2023 21:09:40

Band5-4132-1-30~1000MHz

Ref 30 dBm Att 30 dB RBW 100 kHz VBW 300 kHz SWT 100 ms Marker 1 [T1] -51.10 dBm 238.55000000 MHz

Start 30 MHz 97 MHz/ Stop 1 GHz

Date: 22.FEB.2023 21:09:51

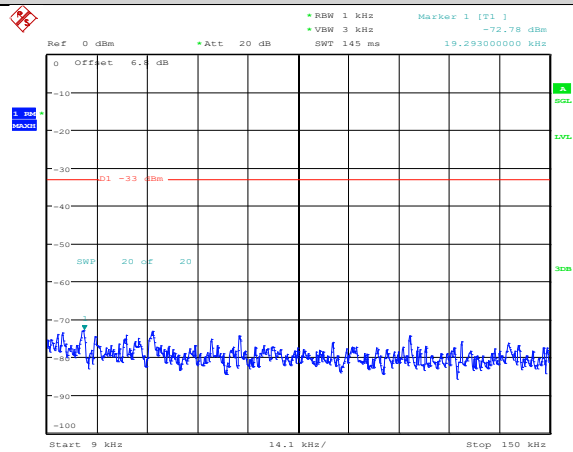
Band5-4132-1-1000~10000MHz

Ref 20 dBm Att 30 dB RBW 1 MHz VBW 3 MHz SWT 300 ms Marker 1 [T1] -35.28 dBm 3.189250000 GHz

Start 1 GHz 900 MHz/ Stop 10 GHz

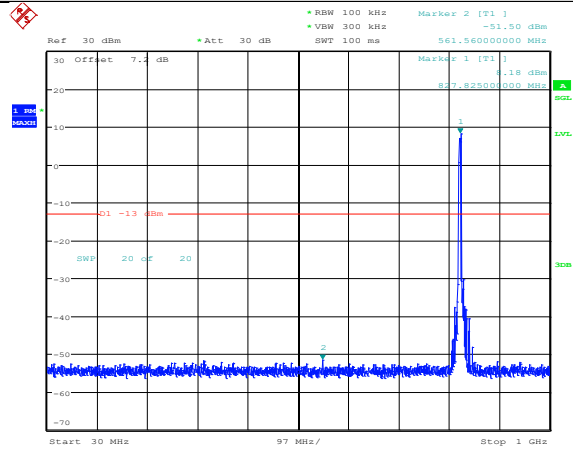
Date: 22.FEB.2023 21:10:04

Band5-4132-1-0.009~0.15MHz



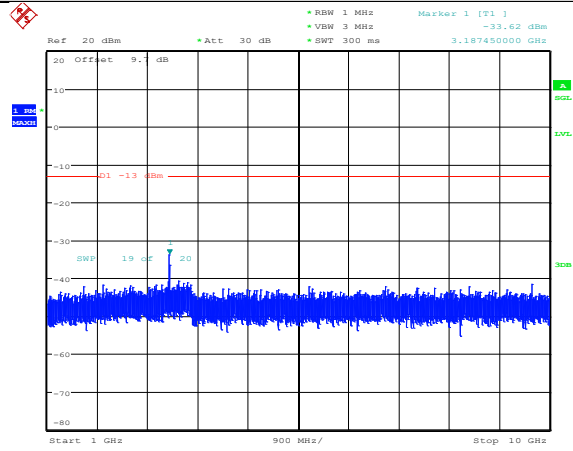
Date: 22.FEB.2023 21:09:32

Band5-4132-2-30~1000MHz



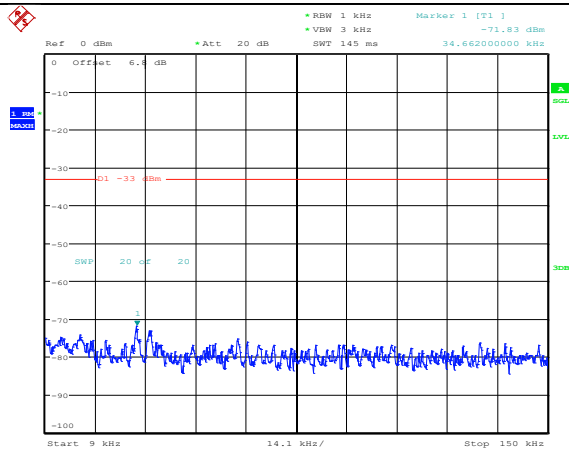
Date: 22.FEB.2023 21:14:40

Band5-4132-2-1000~10000MHz



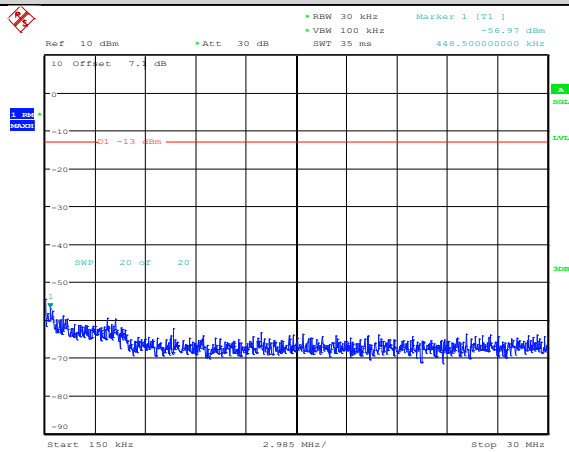
Date: 22.FEB.2023 21:14:53

Band5-4132-2-0.15~30MHz



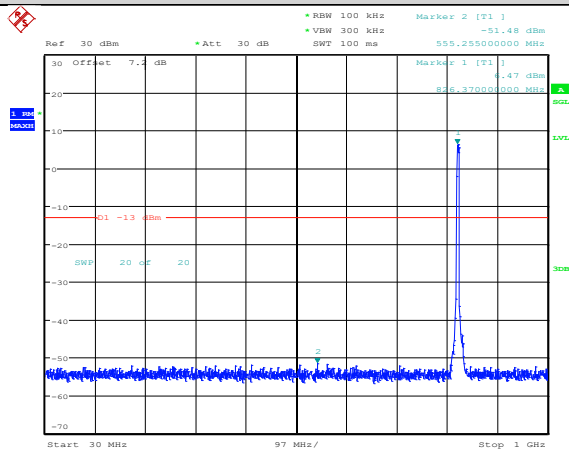
Date: 22.FEB.2023 21:19:09

Band5-4132-3-0.15~30MHz



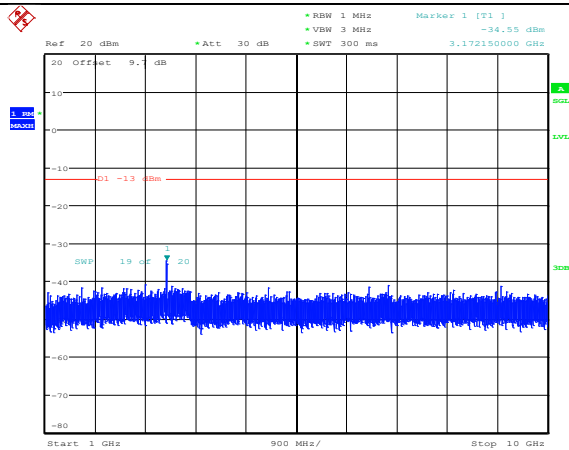
Date: 22.FEB.2023 21:19:17

Band5-4132-3-30~1000MHz



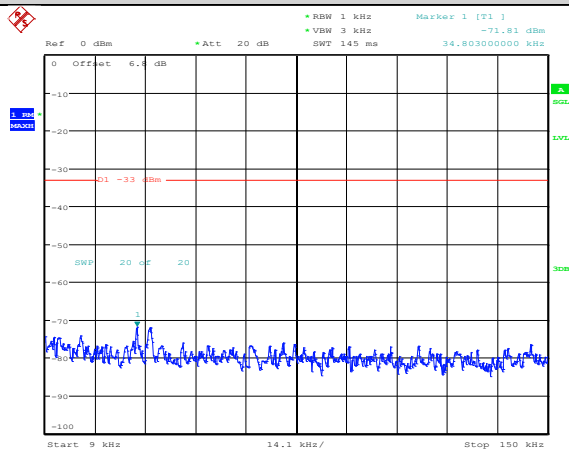
Date: 22.FEB.2023 21:19:28

Band5-4132-4-1000~10000MHz



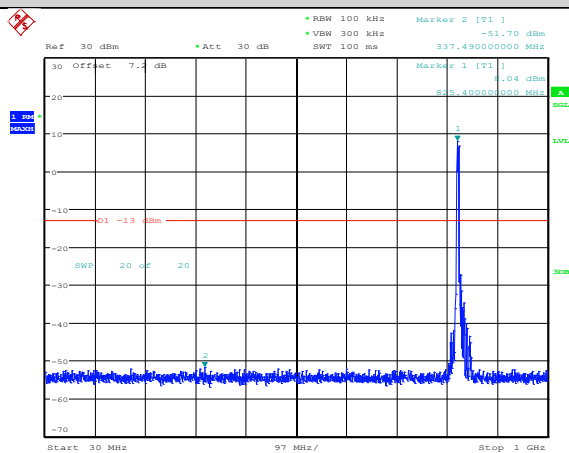
Date: 22.FEB.2023 21:24:27

Band5-4132-4-0.009~0.15MHz



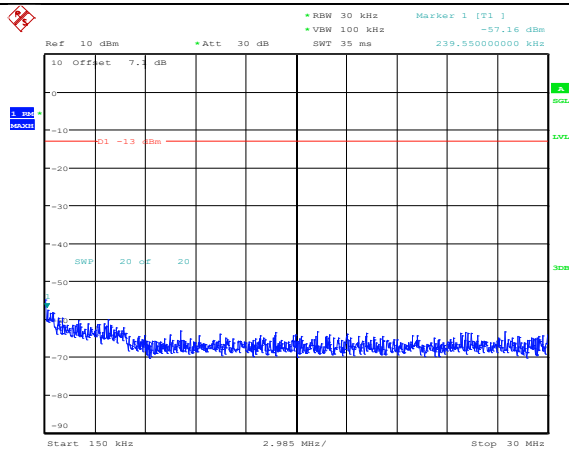
Date: 22.FEB.2023 21:23:55

Band5-4132-4-30~1000MHz



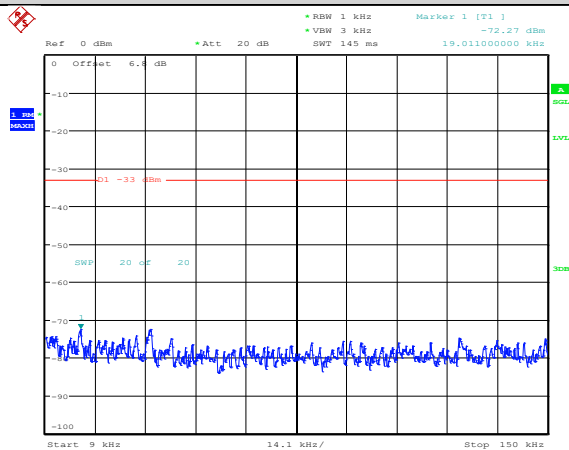
Date: 22.FEB.2023 21:24:14

Band5-4132-4-0.15~30MHz



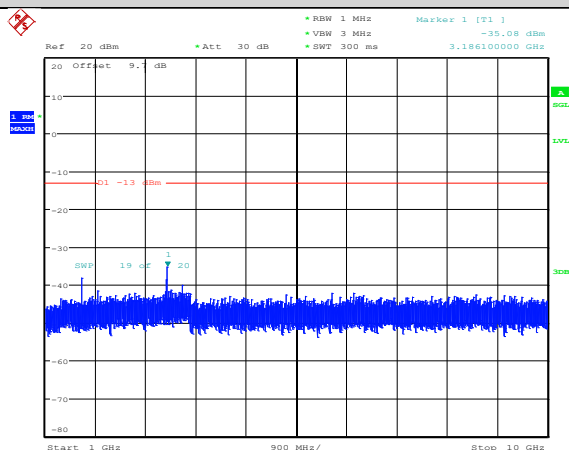
Date: 22.FEB.2023 21:24:03

Band5-4132-5-0.009~0.15MHz



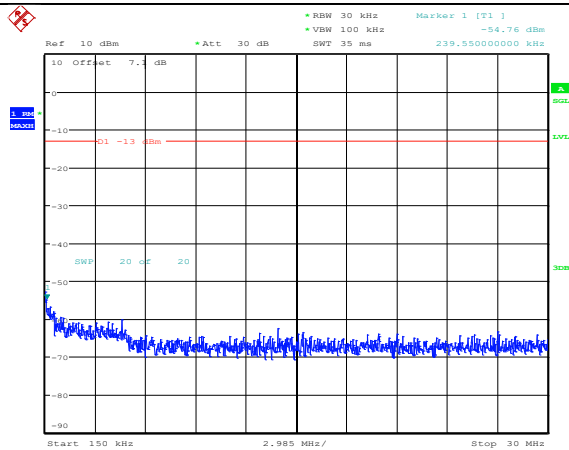
Date: 22.FEB.2023 21:28:08

Band5-4132-5-1000~10000MHz



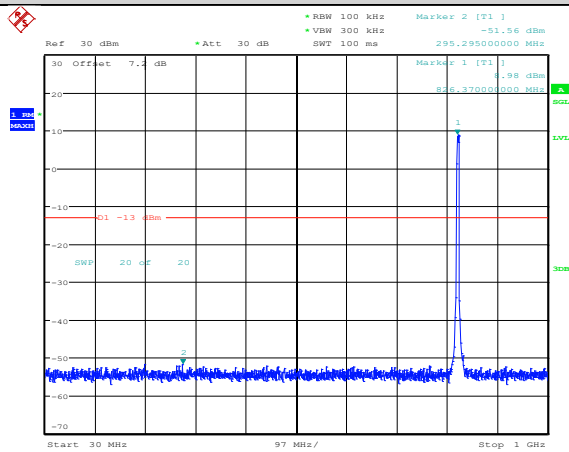
Date: 22.FEB.2023 21:28:40

Band5-4132-5-0.15~30MHz



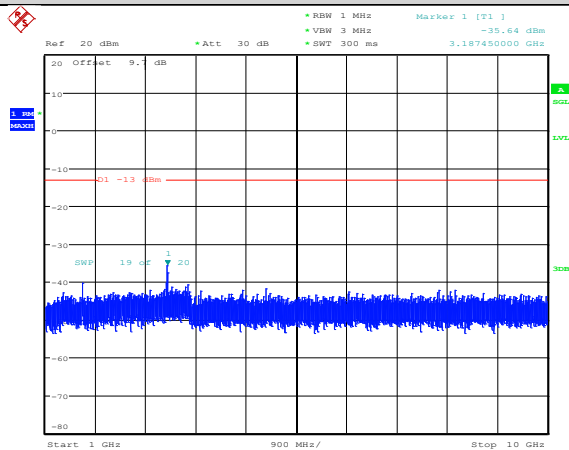
Date: 22.FEB.2023 21:28:16

Band5-4132-5-30~1000MHz



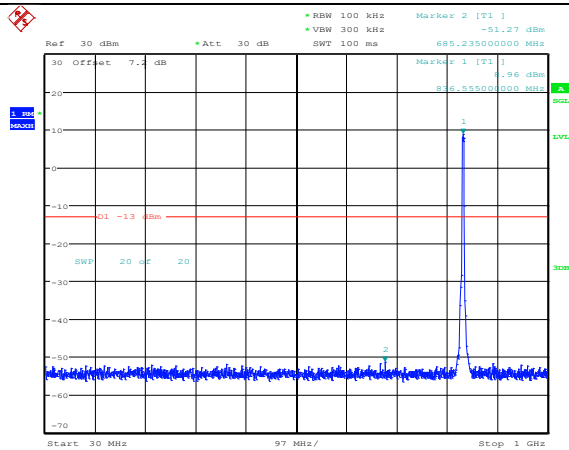
Date: 22.FEB.2023 21:28:27

Band5-4182-1-1000~10000MHz



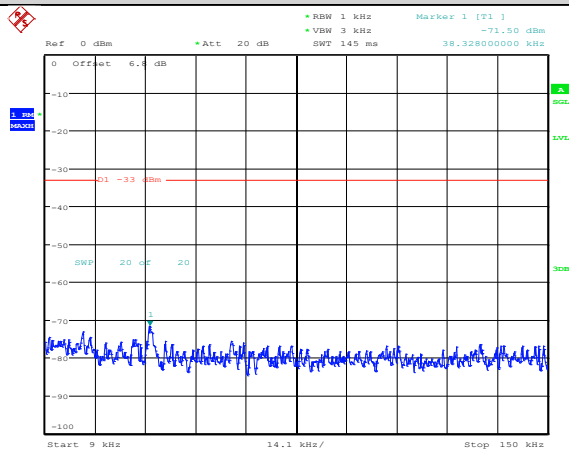
Date: 22.FEB.2023 21:11:41

Band5-4182-1-30~1000MHz



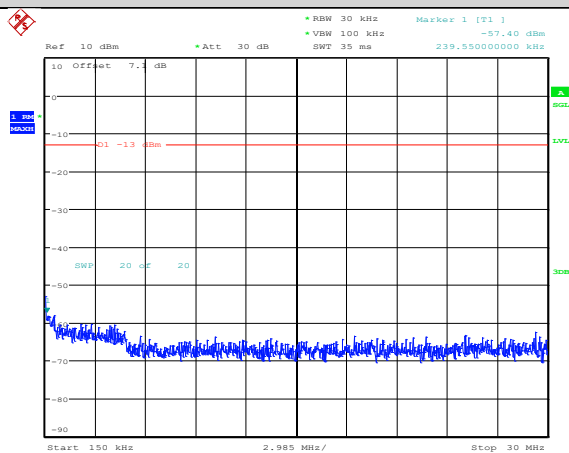
Date: 22.FEB.2023 21:11:28

Band5-4182-1-0.009~0.15MHz



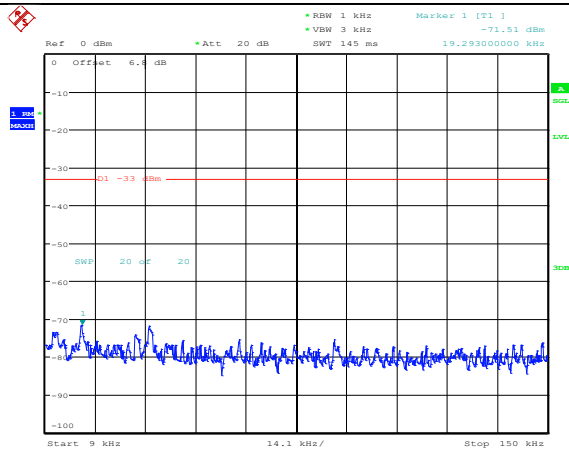
Date: 22.FEB.2023 21:11:09

Band5-4182-1-0.15~30MHz



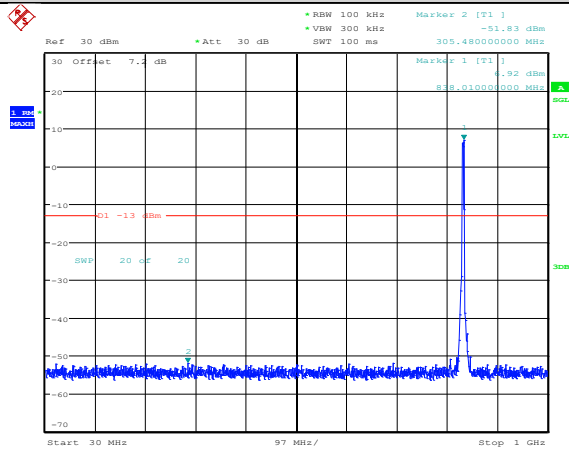
Date: 22.FEB.2023 21:11:17

Band5-4182-2-0.009~0.15MHz



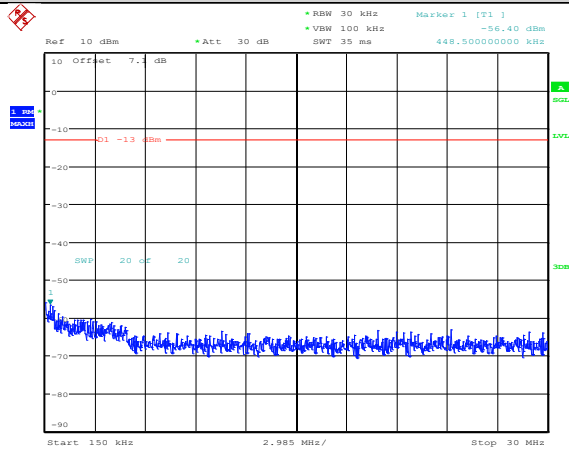
Date: 22.FEB.2023 21:15:58

Band5-4182-2-30~1000MHz



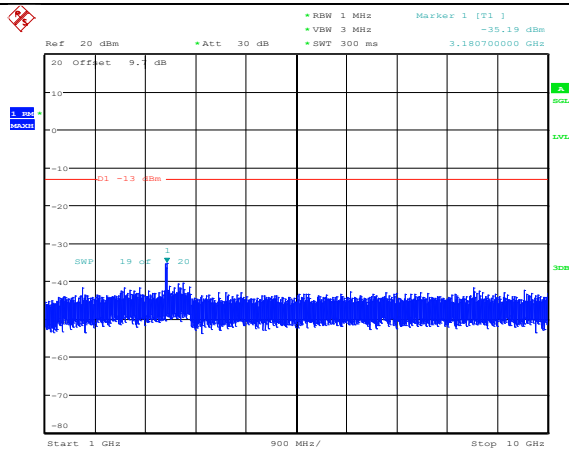
Date: 22.FEB.2023 21:16:17

Band5-4182-2-0.15~30MHz



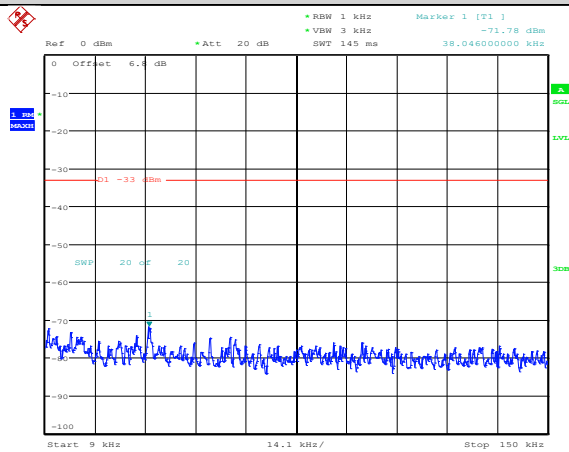
Date: 22.FEB.2023 21:16:06

Band5-4182-2-1000~10000MHz



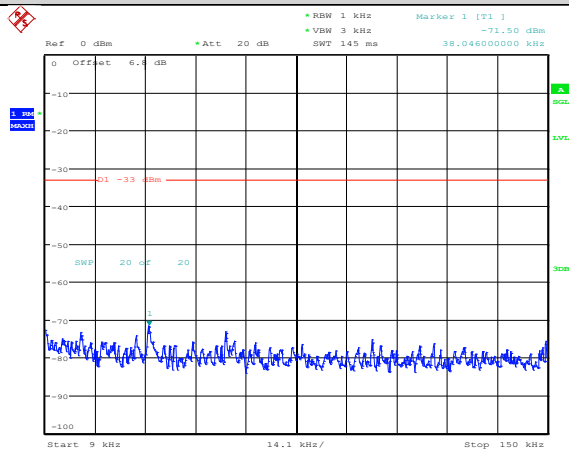
Date: 22.FEB.2023 21:21:16

Band5-4182-3-0.009~0.15MHz



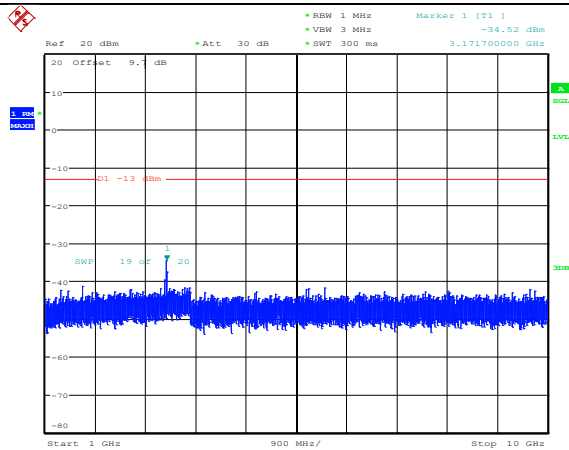
Date: 22.FEB.2023 21:20:44

Band5-4182-4-0.009~0.15MHz



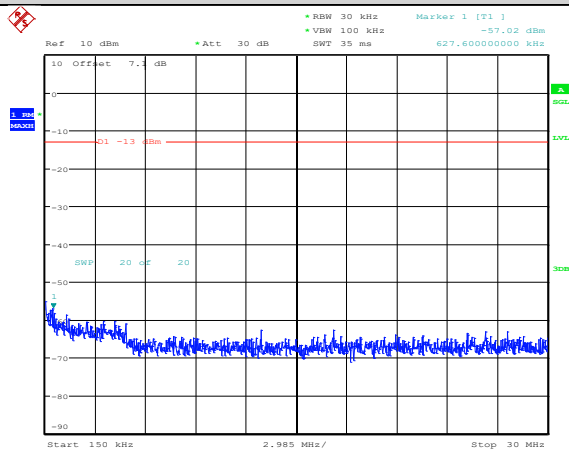
Date: 22.FEB.2023 21:25:31

Band5-4182-4-1000~10000MHz



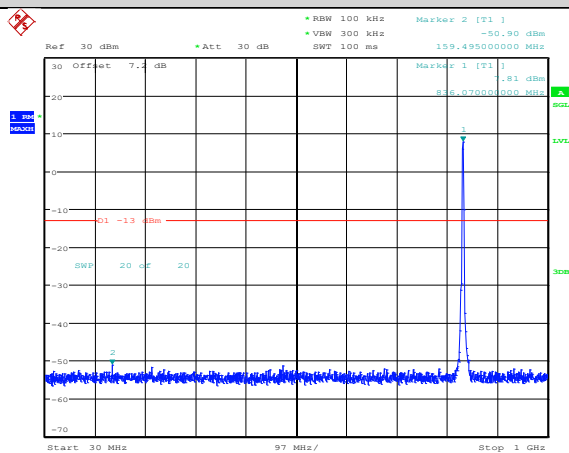
Date: 22.FEB.2023 21:26:04

Band5-4182-4-0.15~30MHz



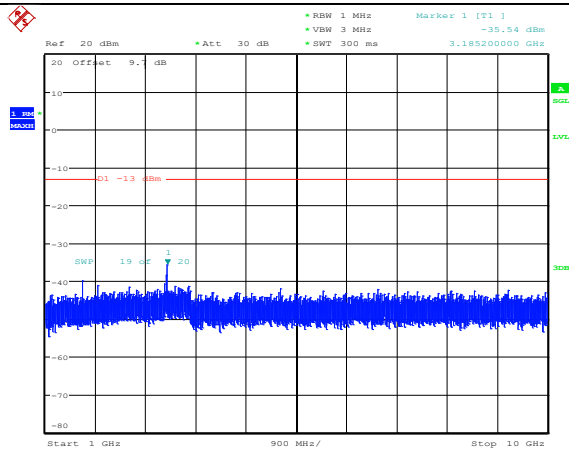
Date: 22.FEB.2023 21:25:40

Band5-4182-4-30~1000MHz



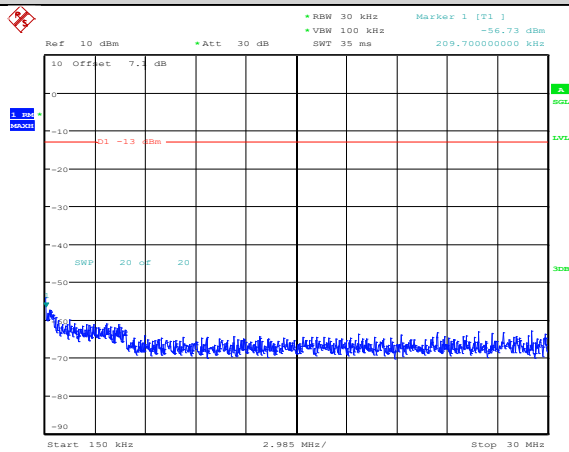
Date: 22.FEB.2023 21:25:51

Band5-4182-5-1000~10000MHz



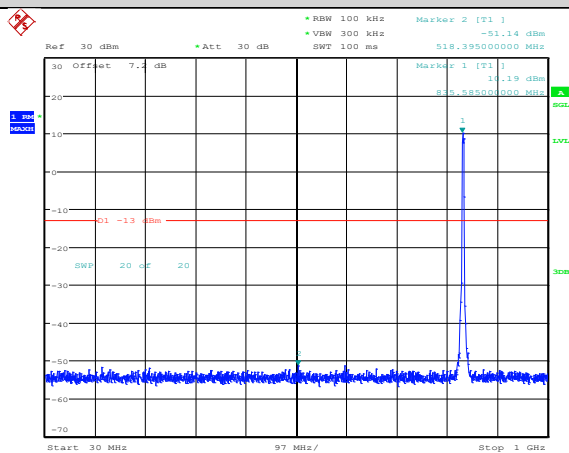
Date: 22.FEB.2023 21:29:35

Band5-4182-5-0.15~30MHz



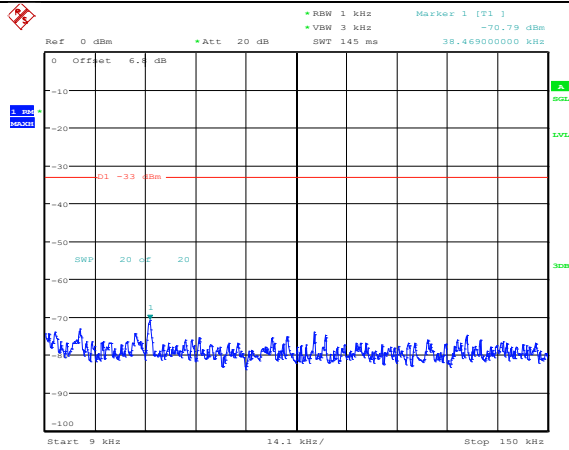
Date: 22.FEB.2023 21:29:11

Band5-4182-5-30~1000MHz



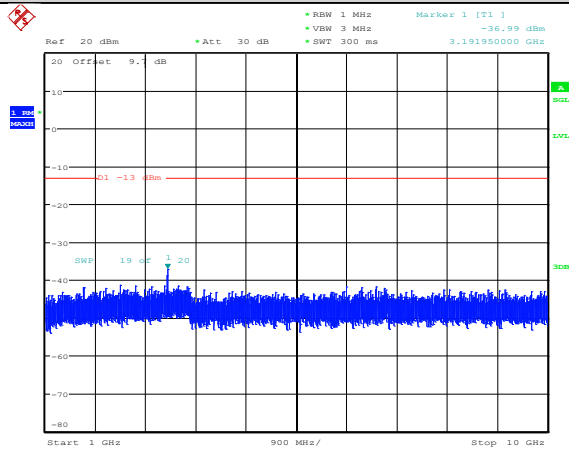
Date: 22.FEB.2023 21:29:21

Band5-4182-5-0.009~0.15MHz



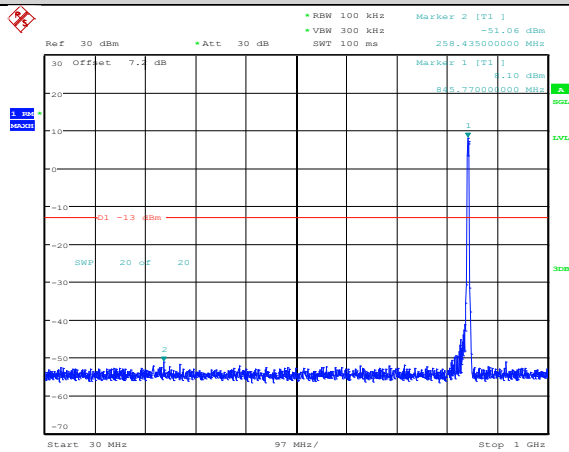
Date: 22.FEB.2023 21:29:03

Band5-4233-1-1000~10000MHz



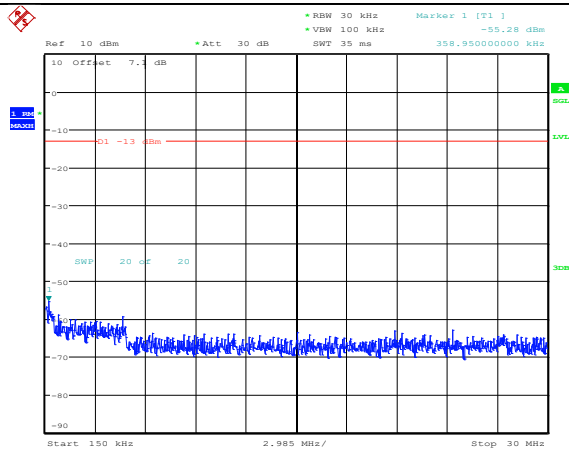
Date: 22.FEB.2023 21:13:07

Band5-4233-1-30~1000MHz



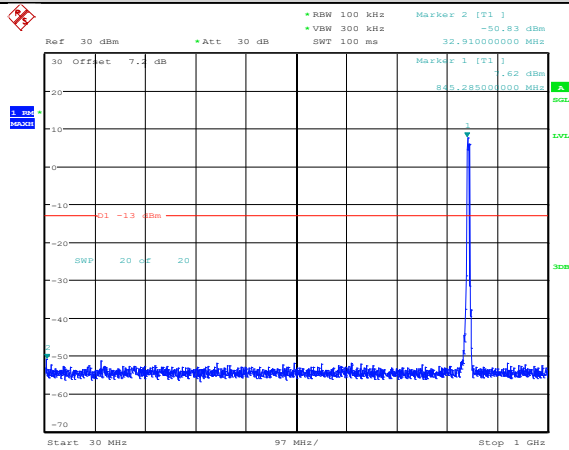
Date: 22.FEB.2023 21:12:54

Band5-4233-1-0.15~30MHz



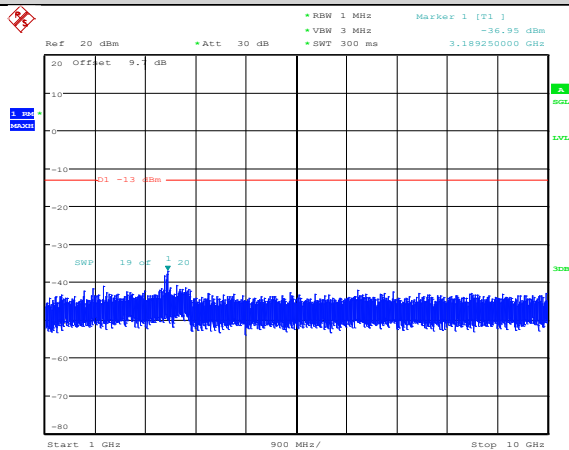
Date: 22.FEB.2023 21:17:34

Band5-4233-2-30~1000MHz



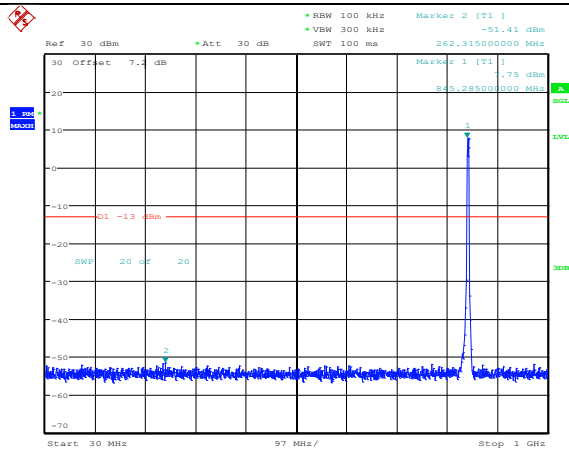
Date: 22.FEB.2023 21:17:45

Band5-4233-2-1000~10000MHz



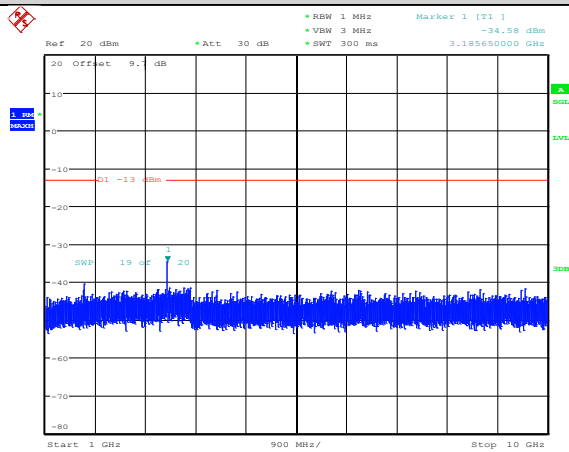
Date: 22.FEB.2023 21:17:58

Band5-4233-3-30~1000MHz



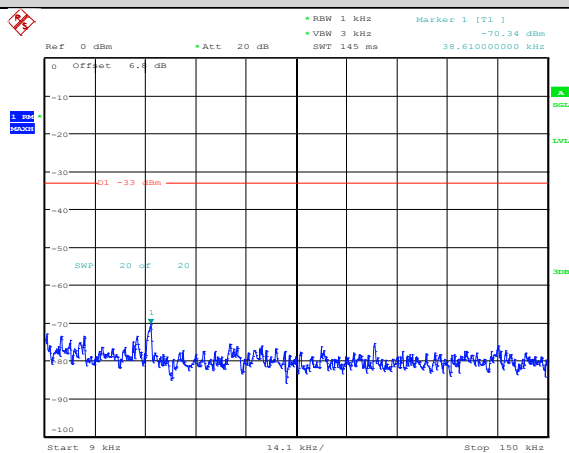
Date: 22.FEB.2023 21:22:28

Band5-4233-3-1000~10000MHz



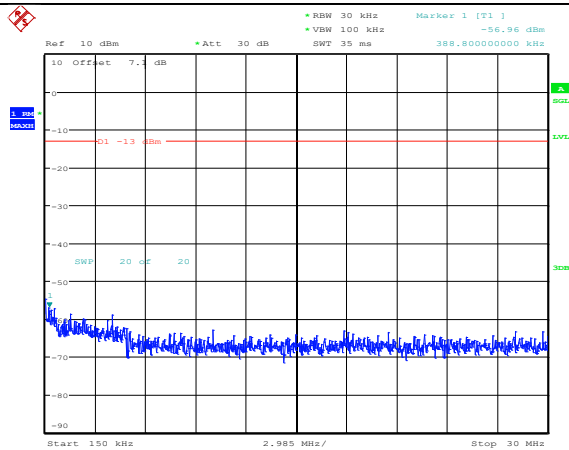
Date: 22.FEB.2023 21:22:41

Band5-4233-3-0.009~0.15MHz



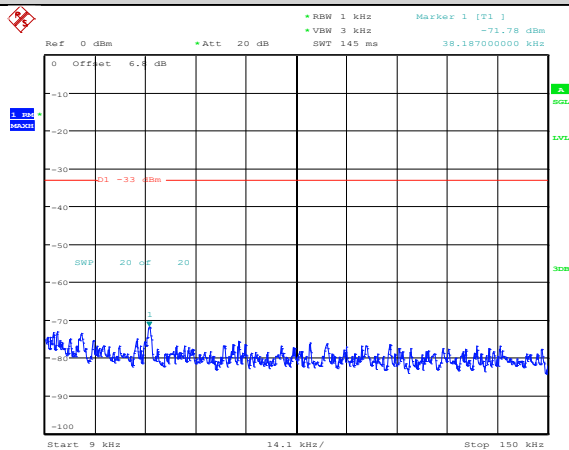
Date: 22.FEB.2023 21:22:09

Band5-4233-3-0.15~30MHz



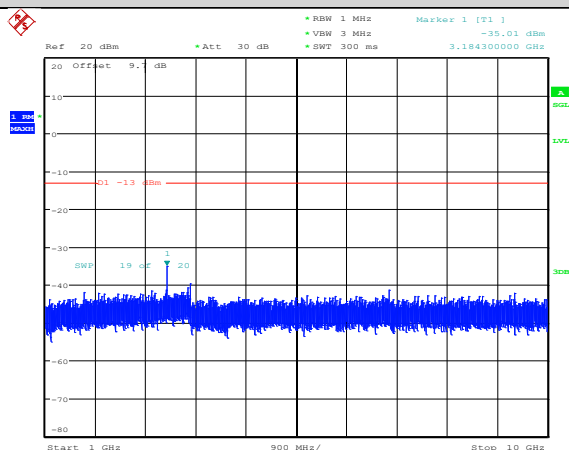
Date: 22.FEB.2023 21:22:18

Band5-4233-4-0.009~0.15MHz



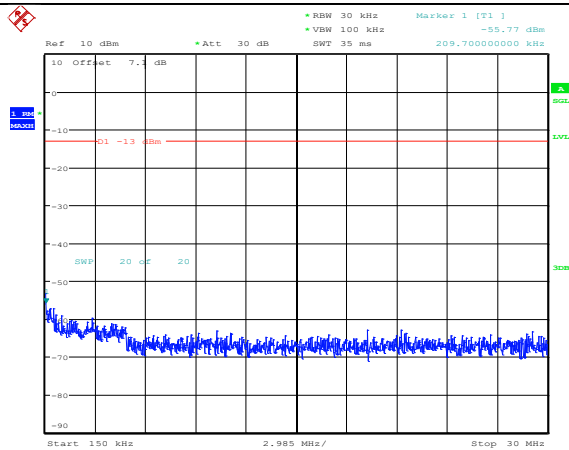
Date: 22.FEB.2023 21:26:54

Band5-4233-4-1000~10000MHz



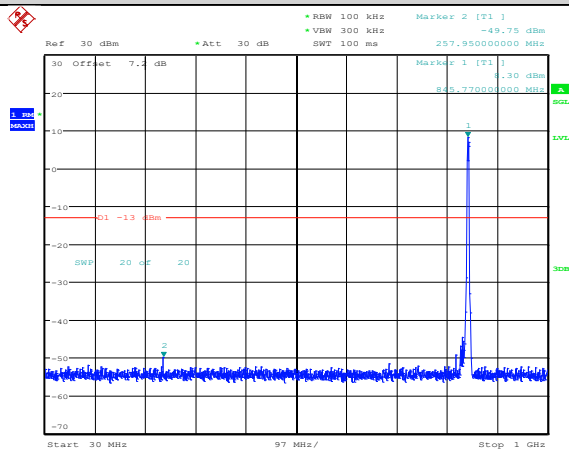
Date: 22.FEB.2023 21:27:26

Band5-4233-4-0.15~30MHz



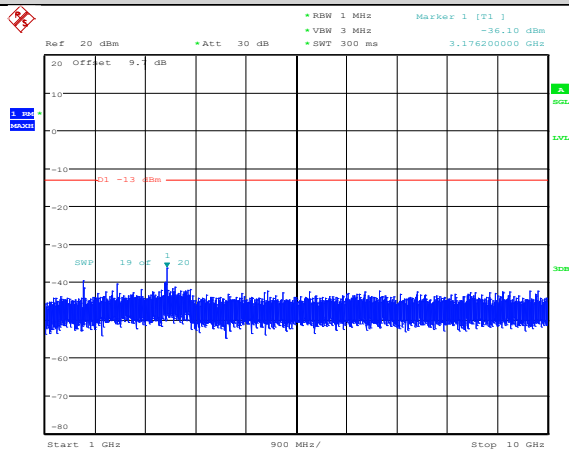
Date: 22.FEB.2023 21:27:02

Band5-4233-4-30~1000MHz



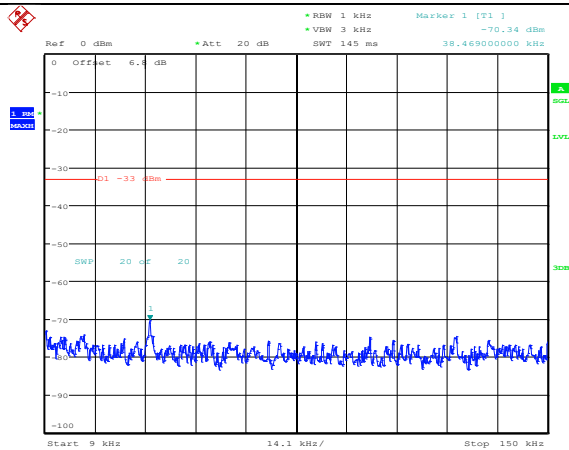
Date: 22.FEB.2023 21:27:13

Band5-4233-5-1000~10000MHz



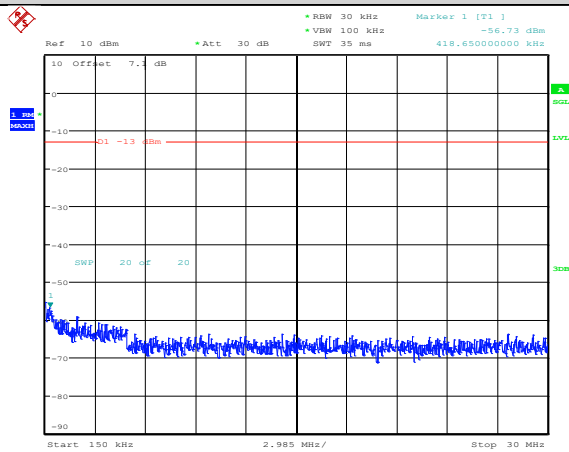
Date: 22.FEB.2023 21:30:29

Band5-4233-5-0.009~0.15MHz



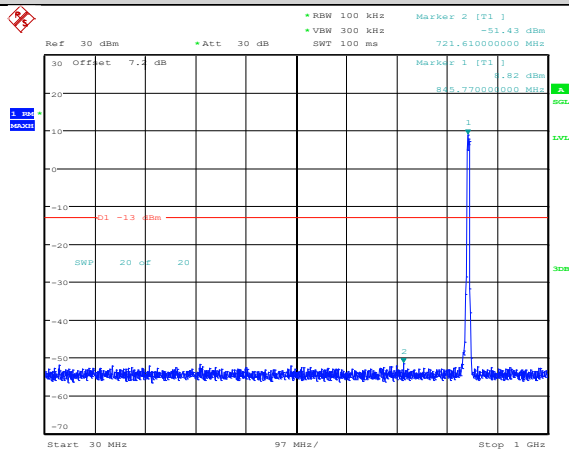
Date: 22.FEB.2023 21:29:57

Band5-4233-5-0.15~30MHz



Date: 22.FEB.2023 21:30:05

Band5-4233-5-30~1000MHz



Date: 22.FEB.2023 21:30:16

AppendixF:Frequency Stability

Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	0.08	0.000097	±2.5	PASS
Band5	4132	VN	NT	0.26	0.000315	±2.5	PASS
Band5	4132	VH	NT	0.33	0.000399	±2.5	PASS
Band5	4182	VL	NT	0.09	0.000108	±2.5	PASS
Band5	4182	VN	NT	-0.11	-0.000132	±2.5	PASS
Band5	4182	VH	NT	0.11	0.000132	±2.5	PASS
Band5	4233	VL	NT	-0.29	-0.000343	±2.5	PASS
Band5	4233	VN	NT	-0.14	-0.000165	±2.5	PASS
Band5	4233	VH	NT	-0.43	-0.000508	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	0.50	0.000605	±2.5	PASS
Band5	4132	NV	-20	0.46	0.000557	±2.5	PASS
Band5	4132	NV	0	0.44	0.000532	±2.5	PASS
Band5	4132	NV	10	0.86	0.001041	±2.5	PASS
Band5	4132	NV	20	0.29	0.000351	±2.5	PASS
Band5	4182	NV	-30	0.06	0.000072	±2.5	PASS
Band5	4182	NV	-20	0.06	0.000072	±2.5	PASS
Band5	4182	NV	0	-0.06	-0.000072	±2.5	PASS
Band5	4182	NV	10	-0.01	-0.000012	±2.5	PASS
Band5	4182	NV	20	-0.03	-0.000036	±2.5	PASS
Band5	4233	NV	-30	-0.37	-0.000437	±2.5	PASS
Band5	4233	NV	-20	-0.74	-0.000874	±2.5	PASS
Band5	4233	NV	0	-0.49	-0.000579	±2.5	PASS
Band5	4233	NV	10	-0.41	-0.000484	±2.5	PASS
Band5	4233	NV	20	-1.02	-0.001205	±2.5	PASS

Test Result(HSDPA)

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-0.68	-0.000823	±2.5	PASS
Band5	4132	1	VN	NT	-0.70	-0.000847	±2.5	PASS
Band5	4132	1	VH	NT	-0.66	-0.000799	±2.5	PASS
Band5	4132	2	VL	NT	-0.69	-0.000835	±2.5	PASS
Band5	4132	2	VN	NT	-0.49	-0.000593	±2.5	PASS
Band5	4132	2	VH	NT	-0.24	-0.000290	±2.5	PASS
Band5	4132	3	VL	NT	-0.84	-0.001016	±2.5	PASS
Band5	4132	3	VN	NT	-0.92	-0.001113	±2.5	PASS
Band5	4132	3	VH	NT	0.19	0.000230	±2.5	PASS
Band5	4132	4	VL	NT	-0.57	-0.000690	±2.5	PASS
Band5	4132	4	VN	NT	-0.60	-0.000726	±2.5	PASS
Band5	4132	4	VH	NT	-0.83	-0.001004	±2.5	PASS
Band5	4182	1	VL	NT	-0.43	-0.000514	±2.5	PASS
Band5	4182	1	VN	NT	-0.59	-0.000705	±2.5	PASS
Band5	4182	1	VH	NT	-0.69	-0.000825	±2.5	PASS
Band5	4182	2	VL	NT	-0.69	-0.000825	±2.5	PASS
Band5	4182	2	VN	NT	-0.77	-0.000921	±2.5	PASS
Band5	4182	2	VH	NT	-0.78	-0.000933	±2.5	PASS
Band5	4182	3	VL	NT	-0.64	-0.000765	±2.5	PASS
Band5	4182	3	VN	NT	-0.72	-0.000861	±2.5	PASS
Band5	4182	3	VH	NT	-0.45	-0.000538	±2.5	PASS
Band5	4182	4	VL	NT	-0.61	-0.000729	±2.5	PASS
Band5	4182	4	VN	NT	-0.61	-0.000729	±2.5	PASS
Band5	4182	4	VH	NT	-0.34	-0.000407	±2.5	PASS
Band5	4233	1	VL	NT	-0.36	-0.000425	±2.5	PASS
Band5	4233	1	VN	NT	-0.96	-0.001134	±2.5	PASS
Band5	4233	1	VH	NT	-0.72	-0.000850	±2.5	PASS
Band5	4233	2	VL	NT	-0.89	-0.001051	±2.5	PASS
Band5	4233	2	VN	NT	-0.74	-0.000874	±2.5	PASS
Band5	4233	2	VH	NT	-0.66	-0.000780	±2.5	PASS
Band5	4233	3	VL	NT	-0.54	-0.000638	±2.5	PASS
Band5	4233	3	VN	NT	-0.58	-0.000685	±2.5	PASS

Band5	4233	3	VH	NT	-0.58	-0.000685	±2.5	PASS
Band5	4233	4	VL	NT	-0.54	-0.000638	±2.5	PASS
Band5	4233	4	VN	NT	-0.64	-0.000756	±2.5	PASS
Band5	4233	4	VH	NT	-0.70	-0.000827	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-0.41	-0.000496	±2.5	PASS
Band5	4132	1	NV	-20	-0.54	-0.000653	±2.5	PASS
Band5	4132	1	NV	0	-0.34	-0.000411	±2.5	PASS
Band5	4132	1	NV	10	-0.59	-0.000714	±2.5	PASS
Band5	4132	1	NV	20	-0.47	-0.000569	±2.5	PASS
Band5	4132	2	NV	-30	-0.92	-0.001113	±2.5	PASS
Band5	4132	2	NV	-20	-0.53	-0.000641	±2.5	PASS
Band5	4132	2	NV	0	-0.29	-0.000351	±2.5	PASS
Band5	4132	2	NV	10	-0.48	-0.000581	±2.5	PASS
Band5	4132	2	NV	20	-0.60	-0.000726	±2.5	PASS
Band5	4132	3	NV	-30	-0.62	-0.000750	±2.5	PASS
Band5	4132	3	NV	-20	-0.53	-0.000641	±2.5	PASS
Band5	4132	3	NV	0	-0.54	-0.000653	±2.5	PASS
Band5	4132	3	NV	10	-0.53	-0.000641	±2.5	PASS
Band5	4132	3	NV	20	-0.64	-0.000774	±2.5	PASS
Band5	4132	4	NV	-30	-0.54	-0.000653	±2.5	PASS
Band5	4132	4	NV	-20	-0.79	-0.000956	±2.5	PASS
Band5	4132	4	NV	0	-0.62	-0.000750	±2.5	PASS
Band5	4132	4	NV	10	-0.79	-0.000956	±2.5	PASS
Band5	4132	4	NV	20	-0.82	-0.000992	±2.5	PASS
Band5	4182	1	NV	-30	-1.01	-0.001208	±2.5	PASS
Band5	4182	1	NV	-20	-0.70	-0.000837	±2.5	PASS
Band5	4182	1	NV	0	-0.77	-0.000921	±2.5	PASS
Band5	4182	1	NV	10	-0.57	-0.000681	±2.5	PASS
Band5	4182	1	NV	20	-0.84	-0.001004	±2.5	PASS
Band5	4182	2	NV	-30	-0.45	-0.000538	±2.5	PASS
Band5	4182	2	NV	-20	-0.70	-0.000837	±2.5	PASS
Band5	4182	2	NV	0	-0.55	-0.000658	±2.5	PASS

Band5	4182	2	NV	10	-1.17	-0.001399	±2.5	PASS
Band5	4182	2	NV	20	-0.54	-0.000646	±2.5	PASS
Band5	4182	3	NV	-30	-0.55	-0.000658	±2.5	PASS
Band5	4182	3	NV	-20	-0.54	-0.000646	±2.5	PASS
Band5	4182	3	NV	0	-0.54	-0.000646	±2.5	PASS
Band5	4182	3	NV	10	-0.49	-0.000586	±2.5	PASS
Band5	4182	3	NV	20	-0.82	-0.000980	±2.5	PASS
Band5	4182	4	NV	-30	-0.77	-0.000921	±2.5	PASS
Band5	4182	4	NV	-20	-0.27	-0.000323	±2.5	PASS
Band5	4182	4	NV	0	-0.69	-0.000825	±2.5	PASS
Band5	4182	4	NV	10	-0.02	-0.000024	±2.5	PASS
Band5	4182	4	NV	20	-0.93	-0.001112	±2.5	PASS
Band5	4233	1	NV	-30	-0.47	-0.000555	±2.5	PASS
Band5	4233	1	NV	-20	-0.67	-0.000791	±2.5	PASS
Band5	4233	1	NV	0	-0.91	-0.001075	±2.5	PASS
Band5	4233	1	NV	10	-0.45	-0.000532	±2.5	PASS
Band5	4233	1	NV	20	-0.94	-0.001110	±2.5	PASS
Band5	4233	2	NV	-30	-0.39	-0.000461	±2.5	PASS
Band5	4233	2	NV	-20	-0.99	-0.001169	±2.5	PASS
Band5	4233	2	NV	0	-0.73	-0.000862	±2.5	PASS
Band5	4233	2	NV	10	-0.82	-0.000969	±2.5	PASS
Band5	4233	2	NV	20	-0.41	-0.000484	±2.5	PASS
Band5	4233	3	NV	-30	-0.63	-0.000744	±2.5	PASS
Band5	4233	3	NV	-20	-0.70	-0.000827	±2.5	PASS
Band5	4233	3	NV	0	-0.39	-0.000461	±2.5	PASS
Band5	4233	3	NV	10	-0.72	-0.000850	±2.5	PASS
Band5	4233	3	NV	20	-1.02	-0.001205	±2.5	PASS
Band5	4233	4	NV	-30	-0.41	-0.000484	±2.5	PASS
Band5	4233	4	NV	-20	-0.79	-0.000933	±2.5	PASS
Band5	4233	4	NV	0	-0.81	-0.000957	±2.5	PASS
Band5	4233	4	NV	10	-1.19	-0.001406	±2.5	PASS
Band5	4233	4	NV	20	-0.54	-0.000638	±2.5	PASS

Test Result(HSUPA)

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	0.69	0.000835	±2.5	PASS
Band5	4132	1	VN	NT	0.26	0.000315	±2.5	PASS
Band5	4132	1	VH	NT	0.49	0.000593	±2.5	PASS
Band5	4132	2	VL	NT	0.64	0.000774	±2.5	PASS
Band5	4132	2	VN	NT	0.29	0.000351	±2.5	PASS
Band5	4132	2	VH	NT	0.69	0.000835	±2.5	PASS
Band5	4132	3	VL	NT	0.74	0.000895	±2.5	PASS
Band5	4132	3	VN	NT	0.38	0.000460	±2.5	PASS
Band5	4132	3	VH	NT	0.41	0.000496	±2.5	PASS
Band5	4132	4	VL	NT	1.03	0.001246	±2.5	PASS
Band5	4132	4	VN	NT	0.60	0.000726	±2.5	PASS
Band5	4132	4	VH	NT	-0.89	-0.001077	±2.5	PASS
Band5	4132	5	VL	NT	1.06	0.001283	±2.5	PASS
Band5	4132	5	VN	NT	1.15	0.001392	±2.5	PASS
Band5	4132	5	VH	NT	1.57	0.001900	±2.5	PASS
Band5	4182	1	VL	NT	0.52	0.000622	±2.5	PASS
Band5	4182	1	VN	NT	1.42	0.001698	±2.5	PASS
Band5	4182	1	VH	NT	1.27	0.001518	±2.5	PASS
Band5	4182	2	VL	NT	1.57	0.001877	±2.5	PASS
Band5	4182	2	VN	NT	1.13	0.001351	±2.5	PASS
Band5	4182	2	VH	NT	0.92	0.001100	±2.5	PASS
Band5	4182	3	VL	NT	1.35	0.001614	±2.5	PASS
Band5	4182	3	VN	NT	0.48	0.000574	±2.5	PASS
Band5	4182	3	VH	NT	0.92	0.001100	±2.5	PASS
Band5	4182	4	VL	NT	1.68	0.002009	±2.5	PASS
Band5	4182	4	VN	NT	1.44	0.001722	±2.5	PASS
Band5	4182	4	VH	NT	0.72	0.000861	±2.5	PASS
Band5	4182	5	VL	NT	0.61	0.000729	±2.5	PASS
Band5	4182	5	VN	NT	0.58	0.000693	±2.5	PASS
Band5	4182	5	VH	NT	0.09	0.000108	±2.5	PASS
Band5	4233	1	VL	NT	0.97	0.001146	±2.5	PASS
Band5	4233	1	VN	NT	0.69	0.000815	±2.5	PASS

Band5	4233	1	VH	NT	0.63	0.000744	±2.5	PASS
Band5	4233	2	VL	NT	1.23	0.001453	±2.5	PASS
Band5	4233	2	VN	NT	0.51	0.000602	±2.5	PASS
Band5	4233	2	VH	NT	1.52	0.001795	±2.5	PASS
Band5	4233	3	VL	NT	1.17	0.001382	±2.5	PASS
Band5	4233	3	VN	NT	1.32	0.001559	±2.5	PASS
Band5	4233	3	VH	NT	1.01	0.001193	±2.5	PASS
Band5	4233	4	VL	NT	1.92	0.002268	±2.5	PASS
Band5	4233	4	VN	NT	0.97	0.001146	±2.5	PASS
Band5	4233	4	VH	NT	0.77	0.000910	±2.5	PASS
Band5	4233	5	VL	NT	1.65	0.001949	±2.5	PASS
Band5	4233	5	VN	NT	1.27	0.001500	±2.5	PASS
Band5	4233	5	VH	NT	0.36	0.000425	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	0.69	0.000835	±2.5	PASS
Band5	4132	1	NV	-20	0.64	0.000774	±2.5	PASS
Band5	4132	1	NV	0	0.82	0.000992	±2.5	PASS
Band5	4132	1	NV	10	0.85	0.001029	±2.5	PASS
Band5	4132	1	NV	20	0.65	0.000787	±2.5	PASS
Band5	4132	2	NV	-30	0.77	0.000932	±2.5	PASS
Band5	4132	2	NV	-20	0.74	0.000895	±2.5	PASS
Band5	4132	2	NV	0	0.69	0.000835	±2.5	PASS
Band5	4132	2	NV	10	0.71	0.000859	±2.5	PASS
Band5	4132	2	NV	20	0.65	0.000787	±2.5	PASS
Band5	4132	3	NV	-30	0.72	0.000871	±2.5	PASS
Band5	4132	3	NV	-20	-0.23	-0.000278	±2.5	PASS
Band5	4132	3	NV	0	1.05	0.001271	±2.5	PASS
Band5	4132	3	NV	10	1.93	0.002335	±2.5	PASS
Band5	4132	3	NV	20	0.92	0.001113	±2.5	PASS
Band5	4132	4	NV	-30	0.87	0.001053	±2.5	PASS
Band5	4132	4	NV	-20	-0.03	-0.000036	±2.5	PASS
Band5	4132	4	NV	0	0.77	0.000932	±2.5	PASS
Band5	4132	4	NV	10	1.91	0.002311	±2.5	PASS

Band5	4132	4	NV	20	0.99	0.001198	±2.5	PASS
Band5	4132	5	NV	-30	0.99	0.001198	±2.5	PASS
Band5	4132	5	NV	-20	1.68	0.002033	±2.5	PASS
Band5	4132	5	NV	0	0.99	0.001198	±2.5	PASS
Band5	4132	5	NV	10	1.51	0.001827	±2.5	PASS
Band5	4132	5	NV	20	0.69	0.000835	±2.5	PASS
Band5	4182	1	NV	-30	0.96	0.001148	±2.5	PASS
Band5	4182	1	NV	-20	0.52	0.000622	±2.5	PASS
Band5	4182	1	NV	0	1.11	0.001327	±2.5	PASS
Band5	4182	1	NV	10	1.31	0.001566	±2.5	PASS
Band5	4182	1	NV	20	1.42	0.001698	±2.5	PASS
Band5	4182	2	NV	-30	1.19	0.001423	±2.5	PASS
Band5	4182	2	NV	-20	0.92	0.001100	±2.5	PASS
Band5	4182	2	NV	0	1.07	0.001279	±2.5	PASS
Band5	4182	2	NV	10	1.34	0.001602	±2.5	PASS
Band5	4182	2	NV	20	0.92	0.001100	±2.5	PASS
Band5	4182	3	NV	-30	1.02	0.001220	±2.5	PASS
Band5	4182	3	NV	-20	0.29	0.000347	±2.5	PASS
Band5	4182	3	NV	0	1.26	0.001506	±2.5	PASS
Band5	4182	3	NV	10	2.02	0.002415	±2.5	PASS
Band5	4182	3	NV	20	0.84	0.001004	±2.5	PASS
Band5	4182	4	NV	-30	1.53	0.001829	±2.5	PASS
Band5	4182	4	NV	-20	0.59	0.000705	±2.5	PASS
Band5	4182	4	NV	0	1.34	0.001602	±2.5	PASS
Band5	4182	4	NV	10	0.69	0.000825	±2.5	PASS
Band5	4182	4	NV	20	1.78	0.002128	±2.5	PASS
Band5	4182	5	NV	-30	1.94	0.002319	±2.5	PASS
Band5	4182	5	NV	-20	1.14	0.001363	±2.5	PASS
Band5	4182	5	NV	0	2.29	0.002738	±2.5	PASS
Band5	4182	5	NV	10	0.97	0.001160	±2.5	PASS
Band5	4182	5	NV	20	1.16	0.001387	±2.5	PASS
Band5	4233	1	NV	-30	1.62	0.001914	±2.5	PASS
Band5	4233	1	NV	-20	2.10	0.002481	±2.5	PASS
Band5	4233	1	NV	0	1.96	0.002315	±2.5	PASS
Band5	4233	1	NV	10	1.94	0.002292	±2.5	PASS
Band5	4233	1	NV	20	1.04	0.001228	±2.5	PASS

Band5	4233	2	NV	-30	1.63	0.001925	±2.5	PASS
Band5	4233	2	NV	-20	1.35	0.001595	±2.5	PASS
Band5	4233	2	NV	0	2.53	0.002988	±2.5	PASS
Band5	4233	2	NV	10	0.15	0.000177	±2.5	PASS
Band5	4233	2	NV	20	1.95	0.002303	±2.5	PASS
Band5	4233	3	NV	-30	1.01	0.001193	±2.5	PASS
Band5	4233	3	NV	-20	1.47	0.001736	±2.5	PASS
Band5	4233	3	NV	0	2.14	0.002528	±2.5	PASS
Band5	4233	3	NV	10	0.90	0.001063	±2.5	PASS
Band5	4233	3	NV	20	0.94	0.001110	±2.5	PASS
Band5	4233	4	NV	-30	2.49	0.002941	±2.5	PASS
Band5	4233	4	NV	-20	0.72	0.000850	±2.5	PASS
Band5	4233	4	NV	0	1.19	0.001406	±2.5	PASS
Band5	4233	4	NV	10	1.53	0.001807	±2.5	PASS
Band5	4233	4	NV	20	1.08	0.001276	±2.5	PASS
Band5	4233	5	NV	-30	1.18	0.001394	±2.5	PASS
Band5	4233	5	NV	-20	1.28	0.001512	±2.5	PASS
Band5	4233	5	NV	0	1.26	0.001488	±2.5	PASS
Band5	4233	5	NV	10	1.81	0.002138	±2.5	PASS
Band5	4233	5	NV	20	0.59	0.000697	±2.5	PASS