

Report No.: SEWM2312000502RG01

Rev.: 01

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Appendix B.2

WCDMA Band II&IV&V



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	EIRP (dBm)	Limit(dBm)	Verdict
BandII	9262	24.90	23.8	33.00	PASS
BandII	9400	24.94	23.84	33.00	PASS
BandII	9538	25.28	24.18	33.00	PASS
BandIV	1312	25.26	24.94	30.00	PASS
BandIV	1413	25.13	24.81	30.00	PASS
BandIV	1513	24.82	24.5	30.00	PASS

Band	Channel	Power(dBm)	ERP (dBm)	Limit(dBm)	Verdict
BandV	4132	25.19	21.16	38.45	PASS
BandV	4182	25.22	21.19	38.45	PASS
BandV	4233	25.19	21.16	38.45	PASS



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Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
BandII	9262	2.66	13	PASS
BandII	9400	2.74	13	PASS
BandII	9538	2.78	13	PASS
BandIV	1312	2.74	13	PASS
BandIV	1413	2.82	13	PASS
BandIV	1513	2.86	13	PASS
BandV	4132	2.64	13	PASS
BandV	4182	2.58	13	PASS
BandV	4233	2.66	13	PASS



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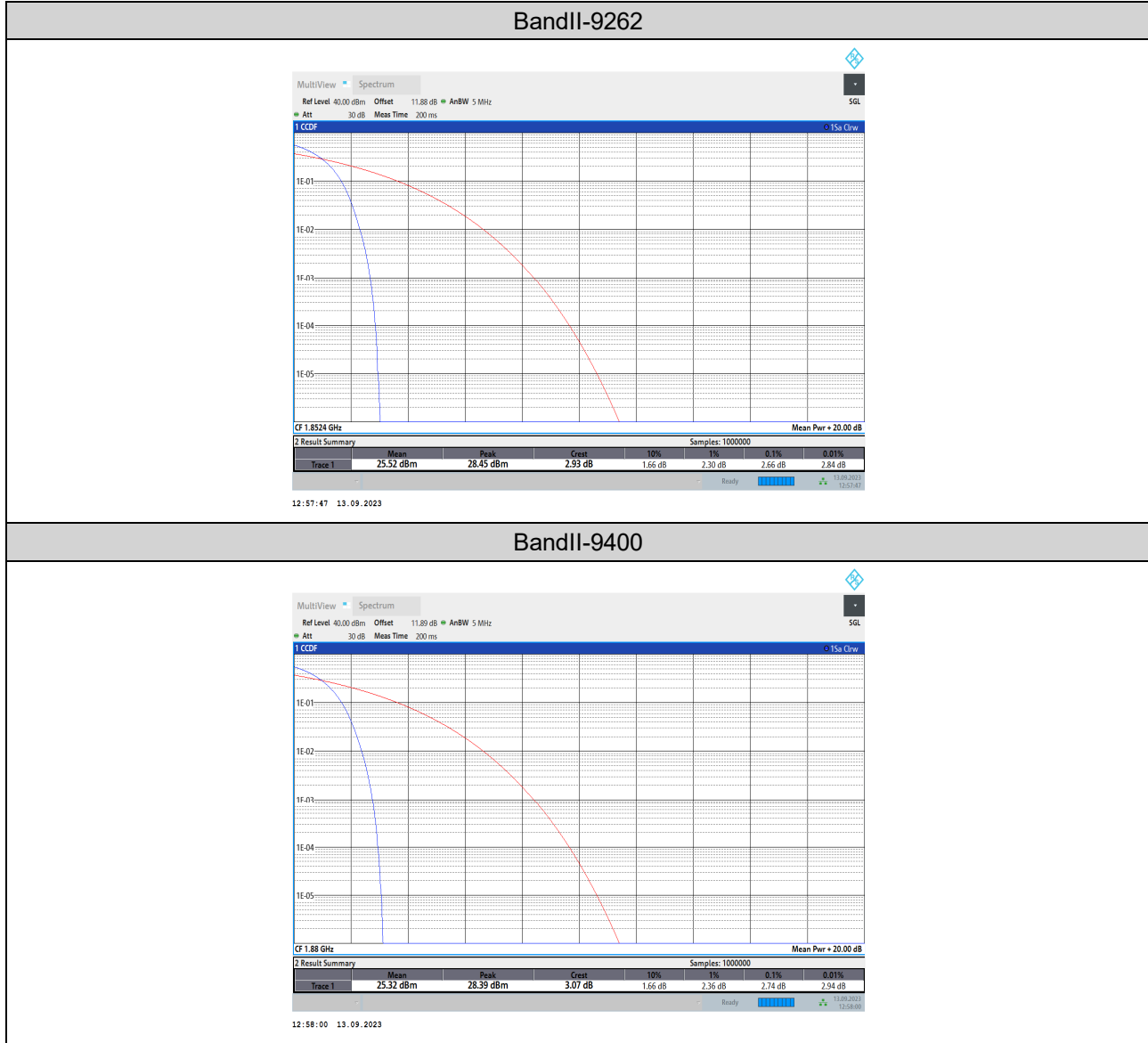
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Test Graphs

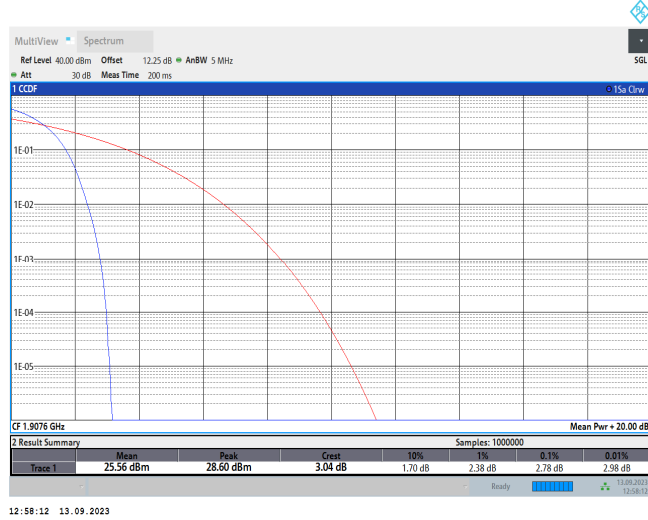


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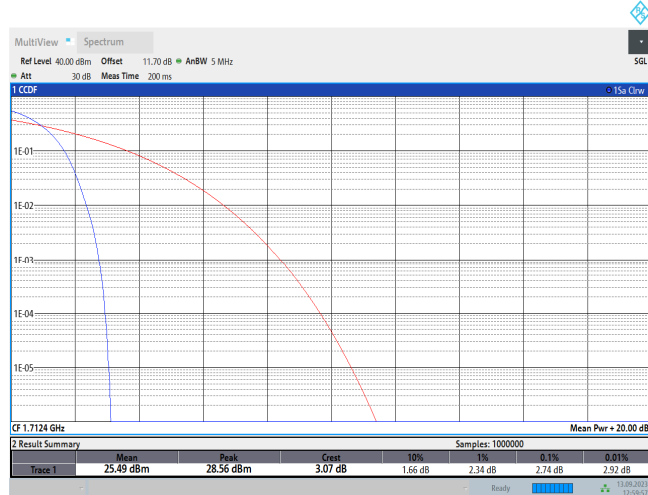
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BandII-9538



12:58:12 13. 09. 2023

BandIV-1312



12:59:57 13. 09. 2023

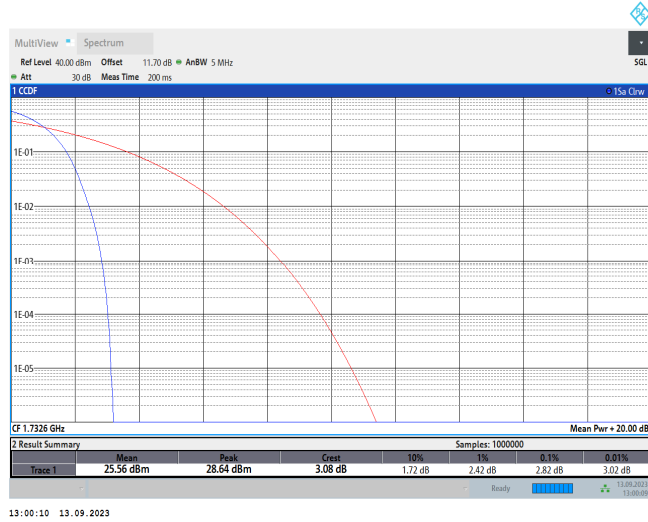


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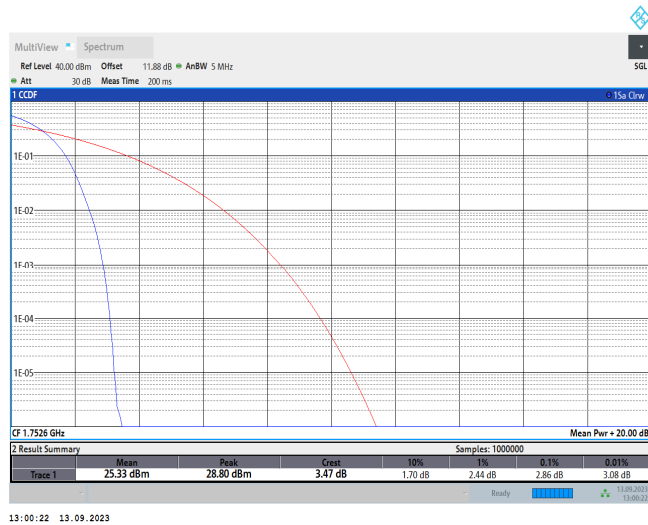
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BandIV-1413



BandIV-1513

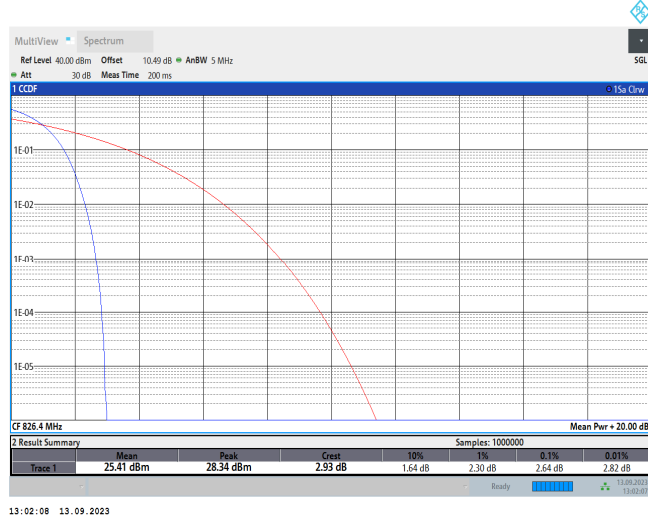


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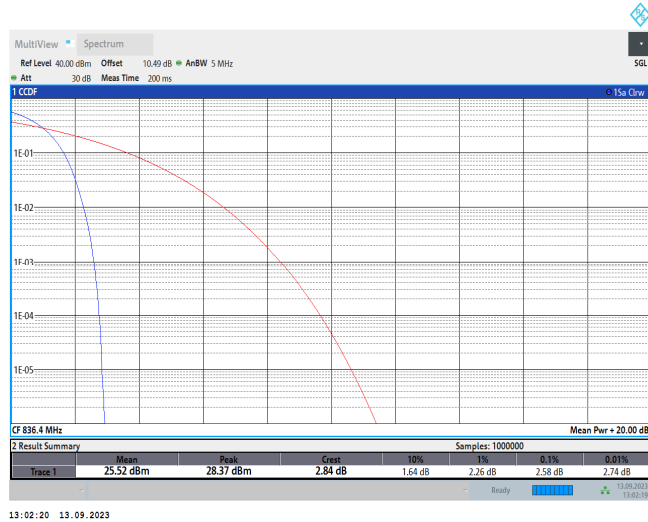
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BandV-4132



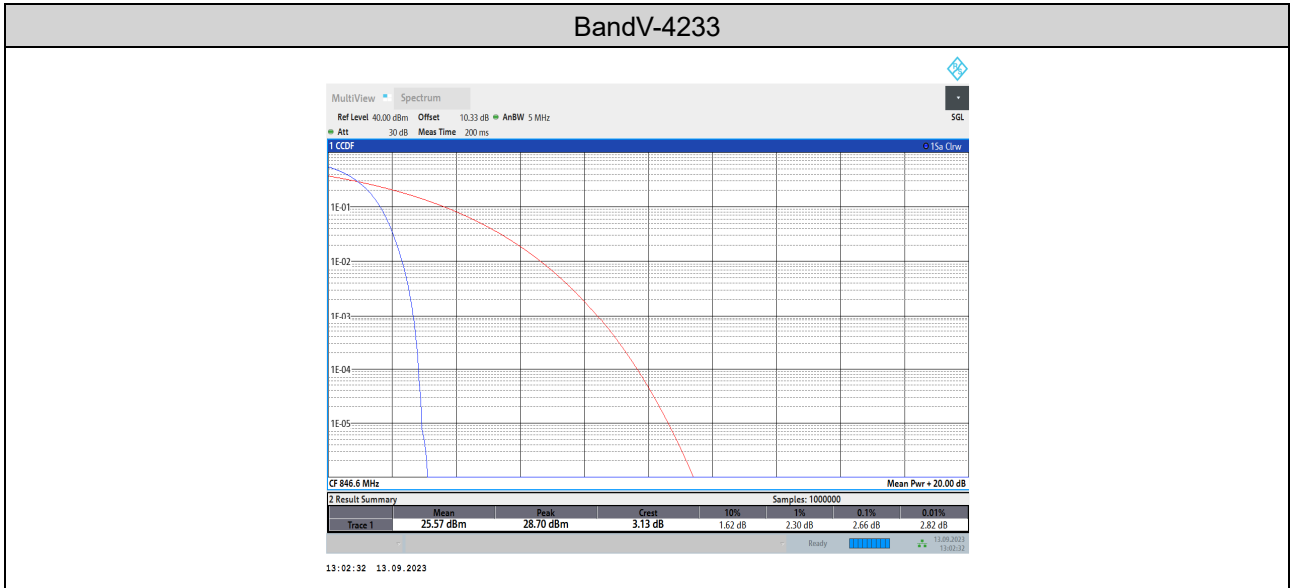
BandV-4182



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
BandII	9262	4.197	4.71	---	PASS
BandII	9400	4.189	4.77	---	PASS
BandII	9538	4.201	4.77	---	PASS
BandIV	1312	4.191	4.77	---	PASS
BandIV	1413	4.19	4.74	---	PASS
BandIV	1513	4.199	4.75	---	PASS
BandV	4132	4.193	4.74	---	PASS
BandV	4182	4.196	4.75	---	PASS
BandV	4233	4.184	4.76	---	PASS



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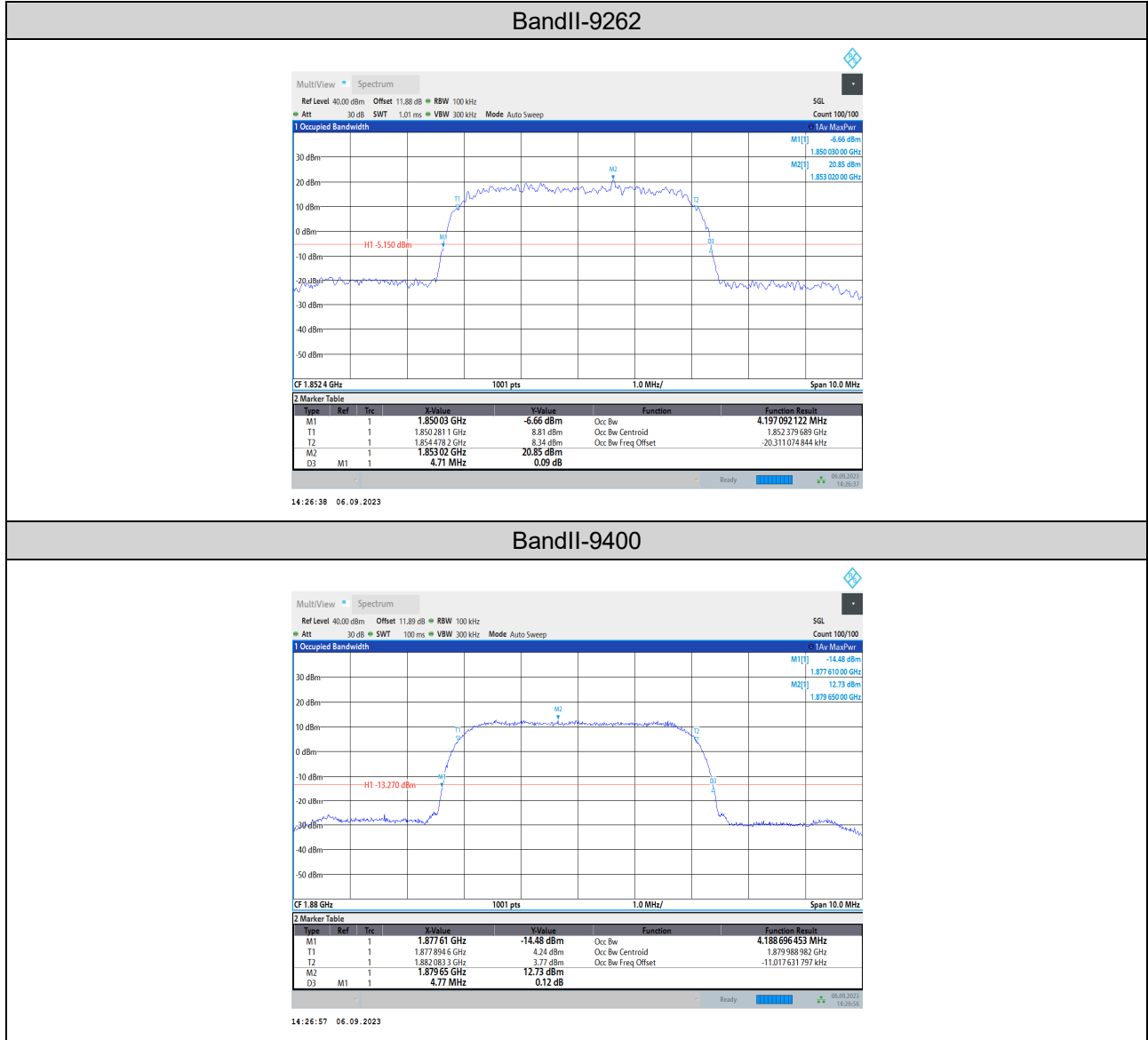
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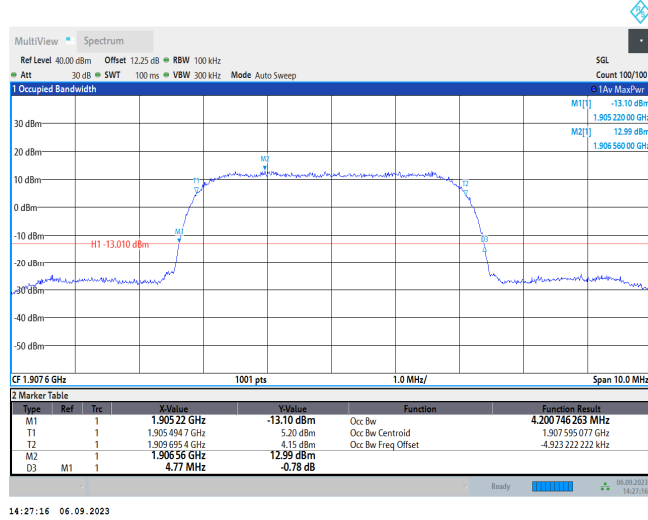


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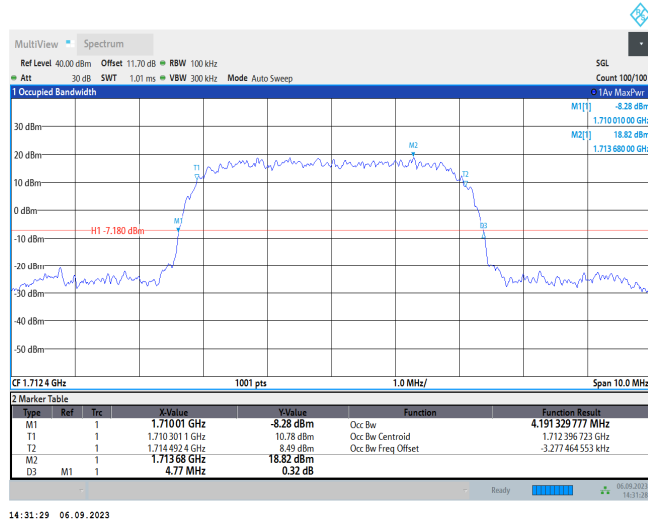
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BandII-9538



BandIV-1312

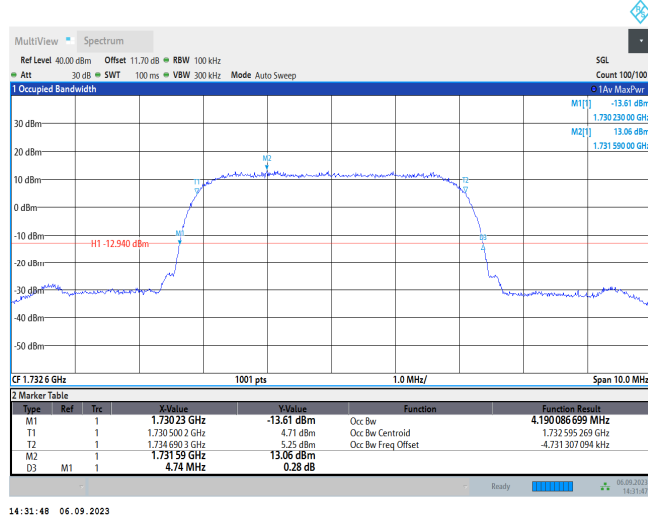


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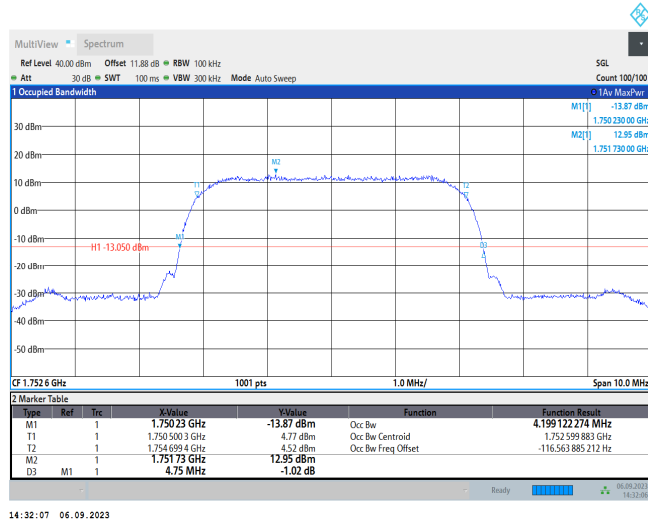
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BandIV-1413



BandIV-1513

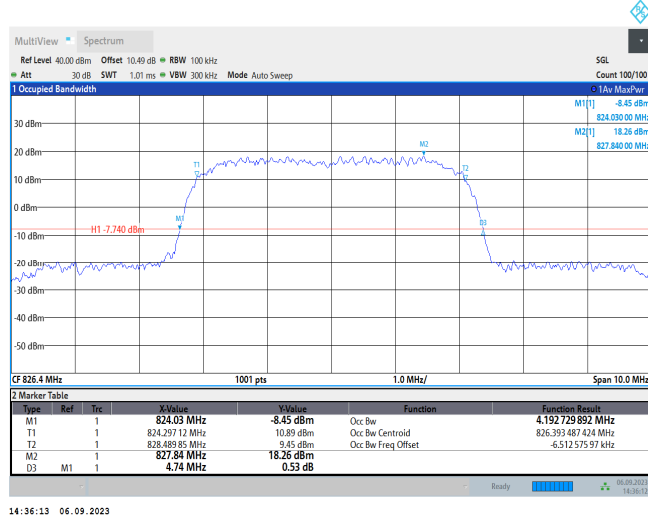


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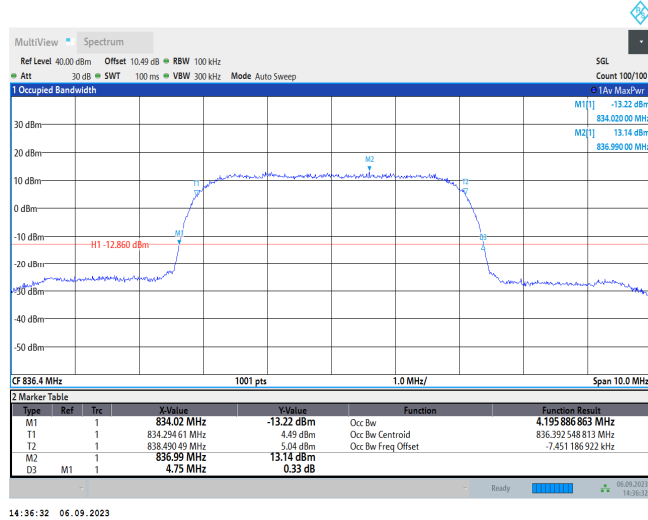
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BandV-4132



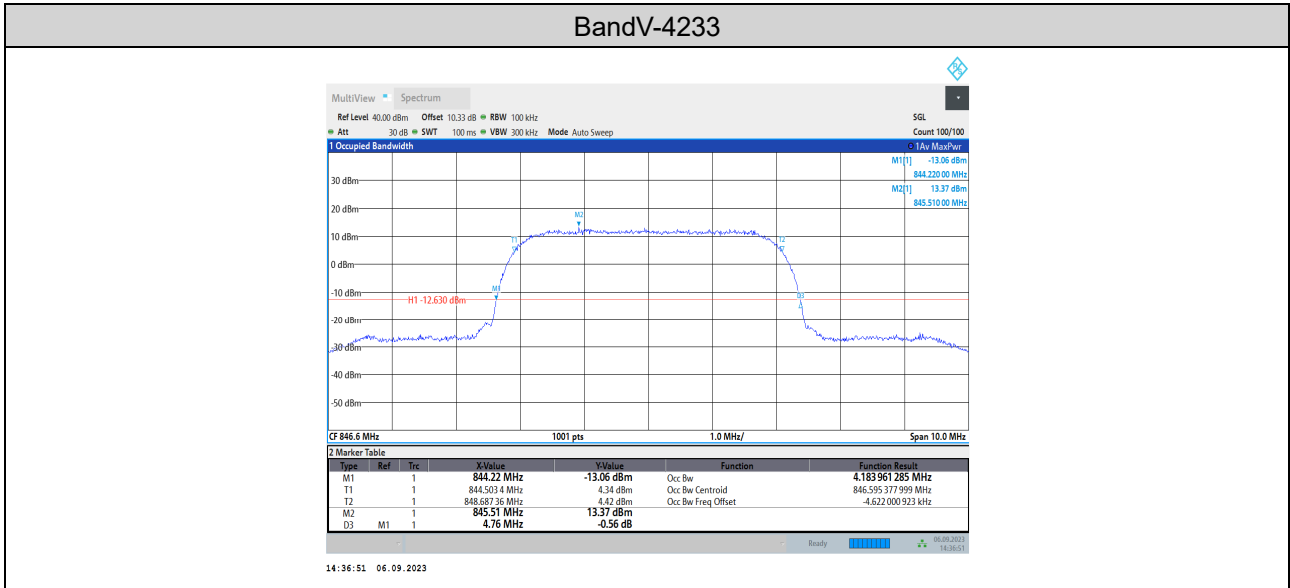
BandV-4182



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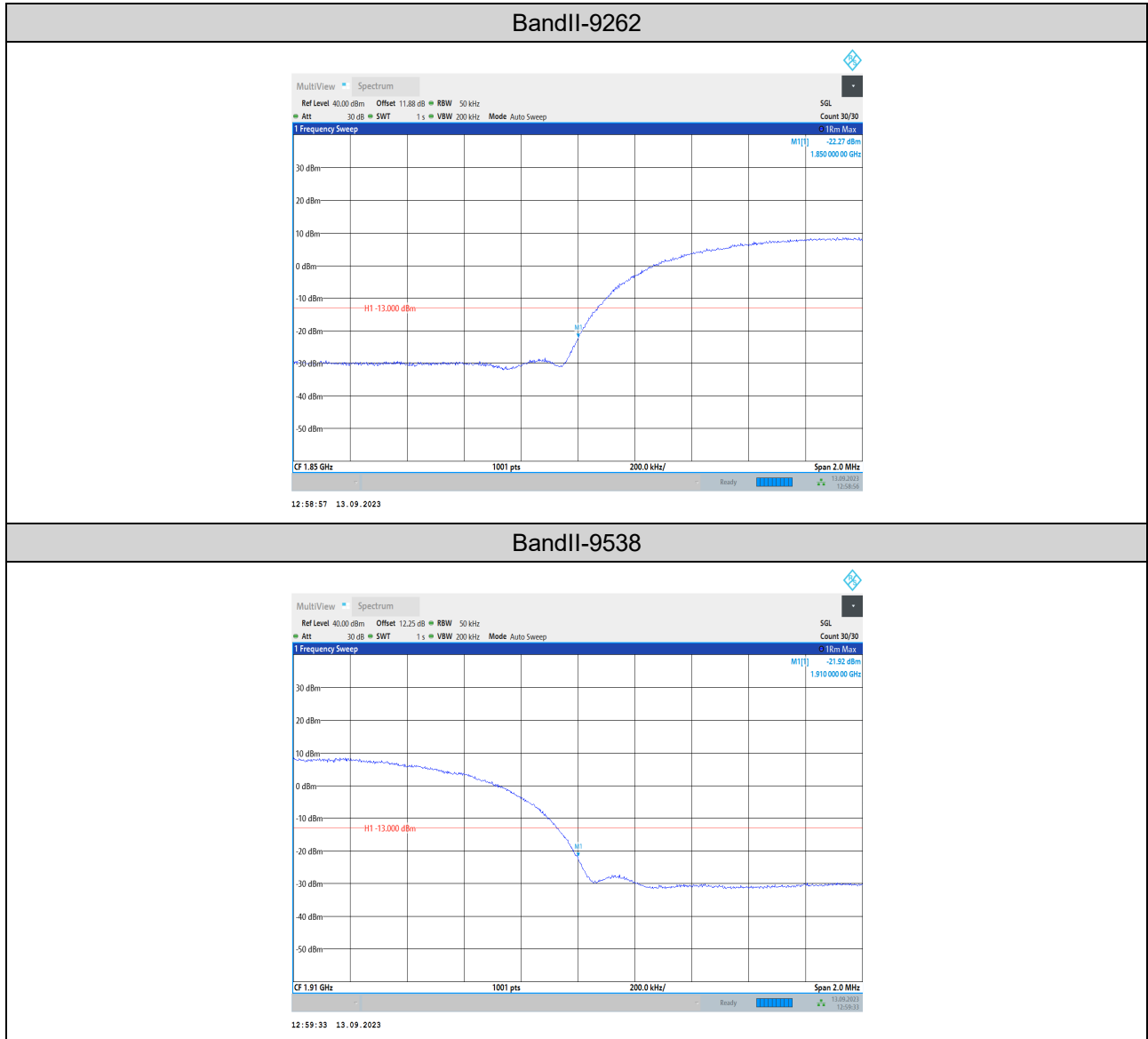
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Band Edge

Test Graphs



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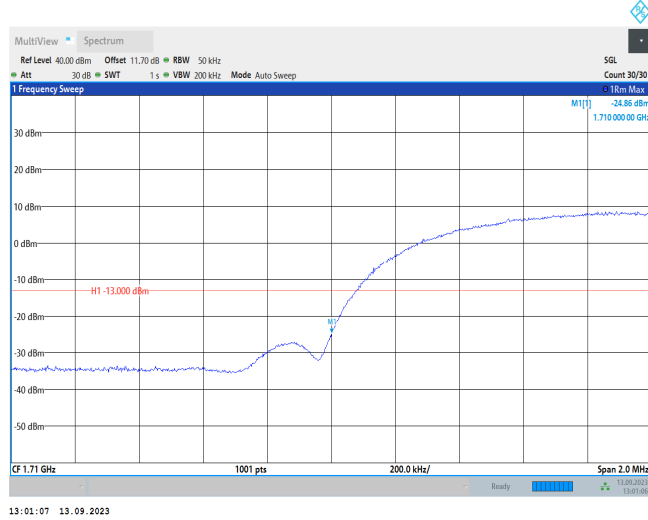
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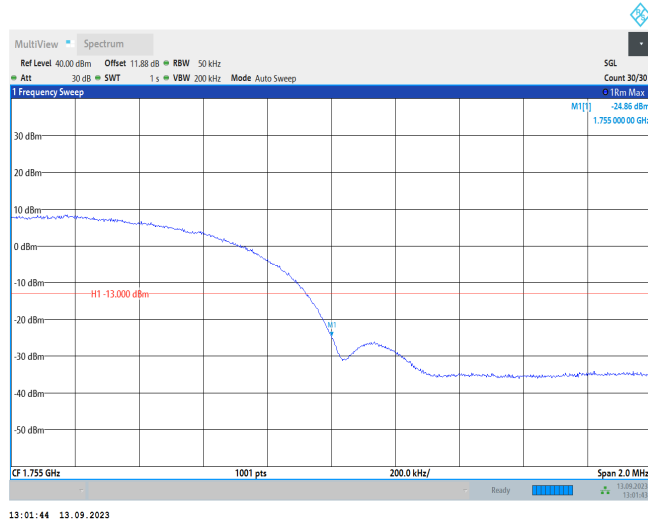
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BandIV-1312



BandIV-1513

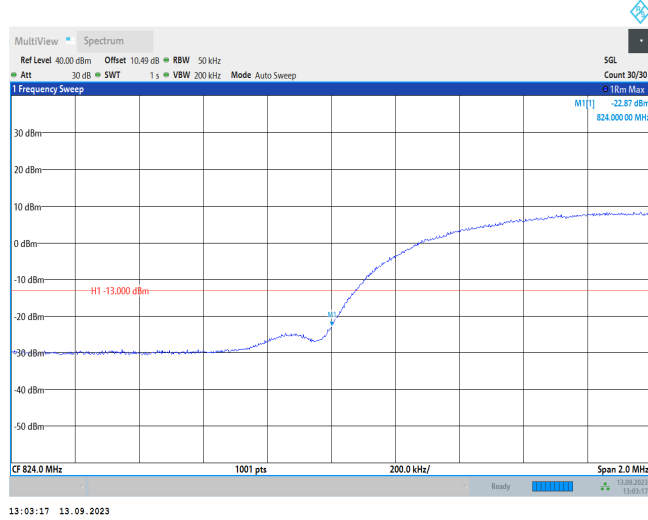


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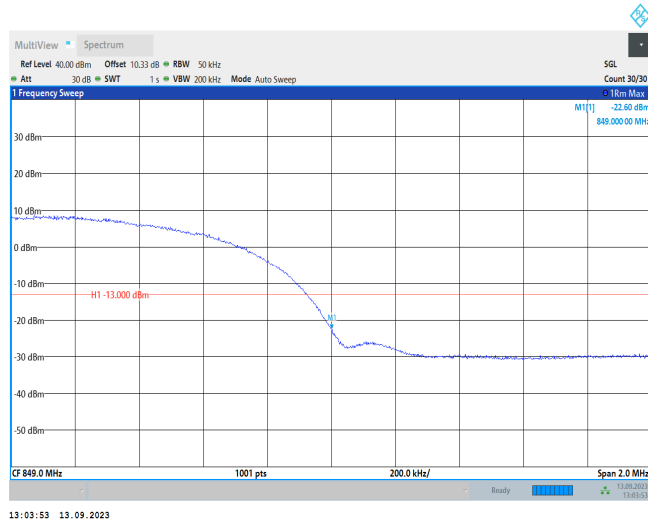
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BandV-4132



BandV-4233



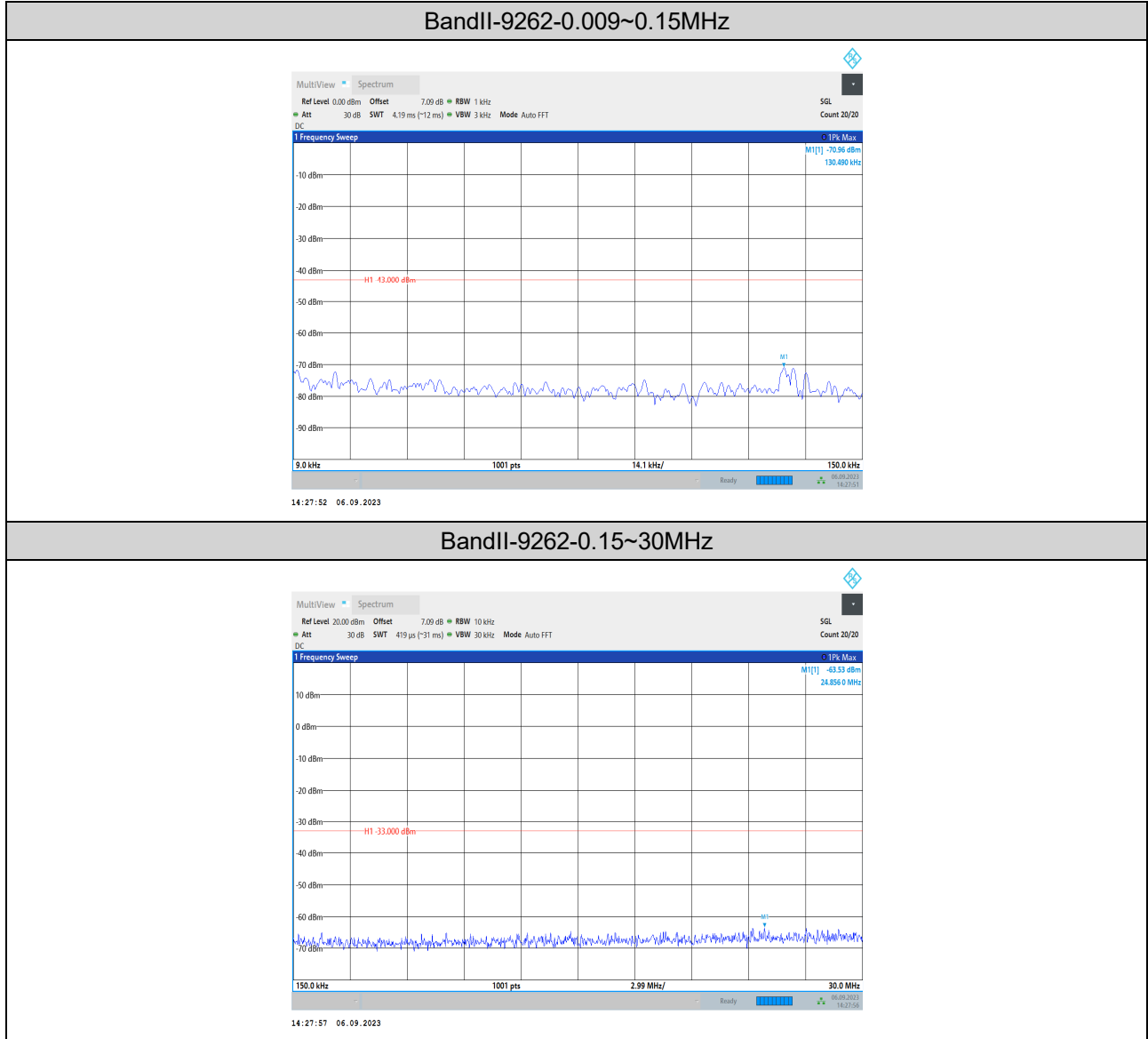
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Conducted Spurious Emission

Test Graphs

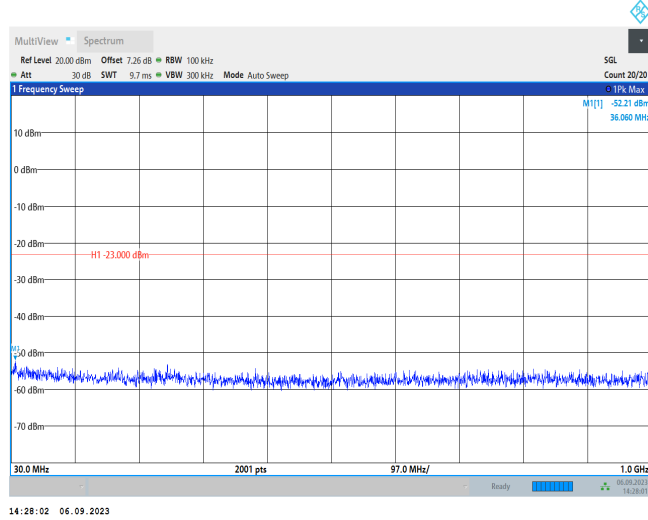


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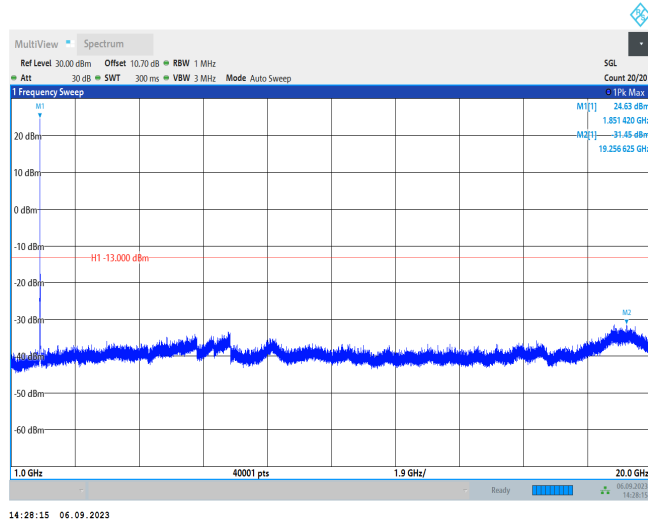
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BandII-9262-30~1000MHz



BandII-9262-1000~20000MHz

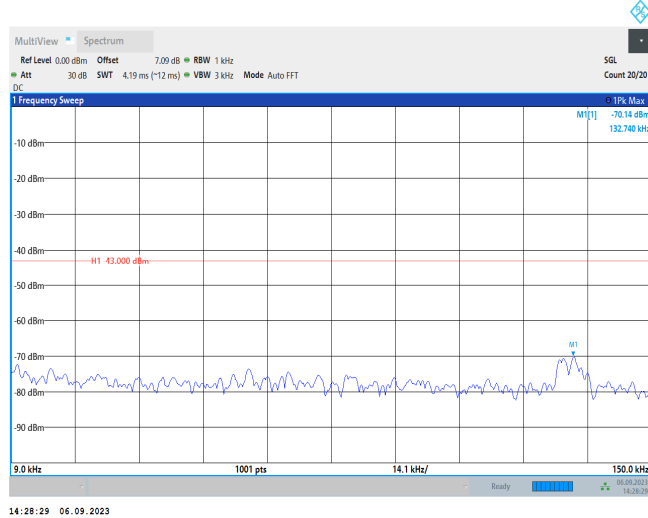


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BandII-9400-0.009~0.15MHz

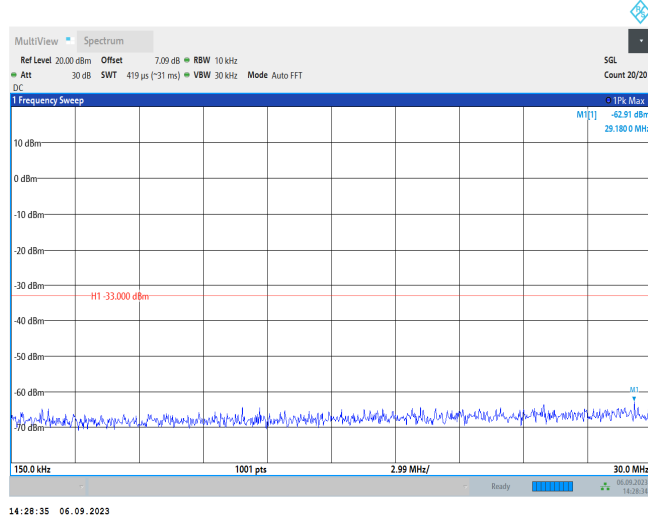


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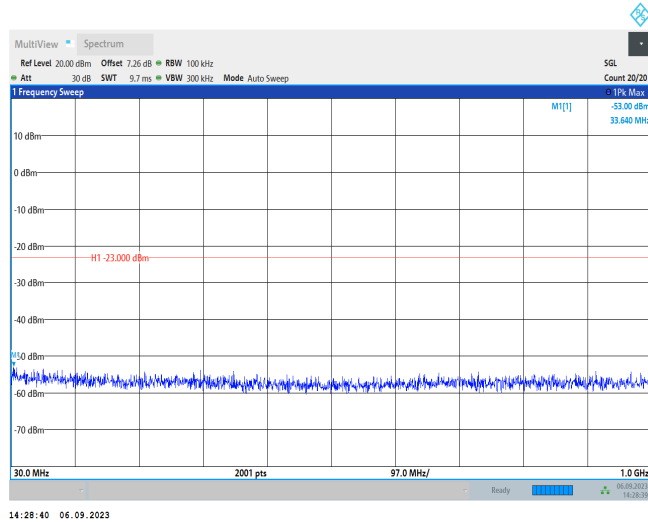
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BandII-9400-0.15~30MHz



BandII-9400-30~1000MHz

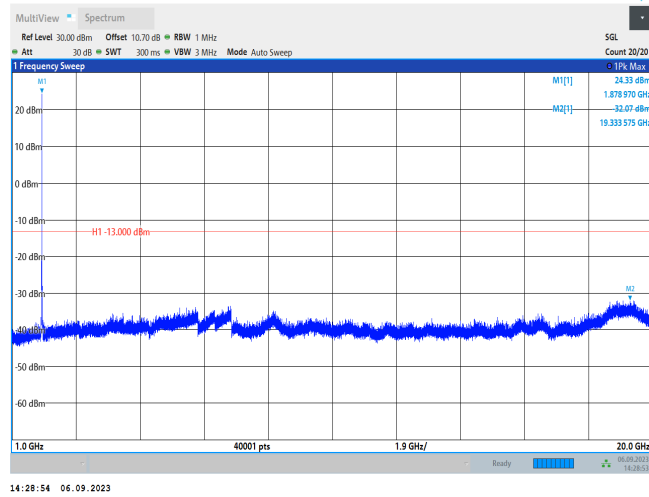


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BandII-9400-1000~20000MHz

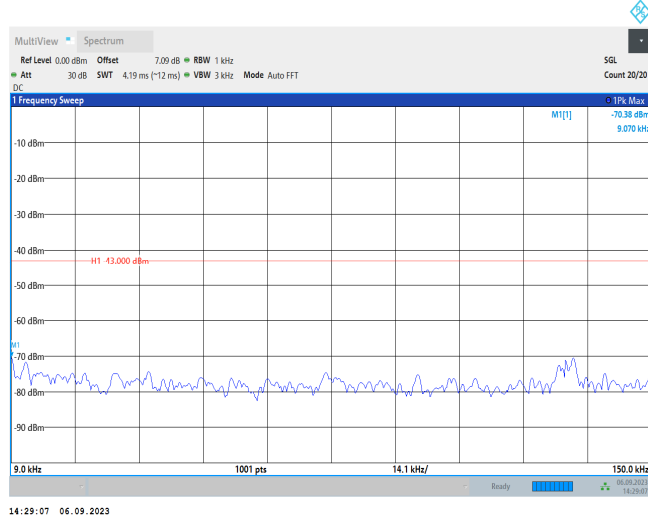


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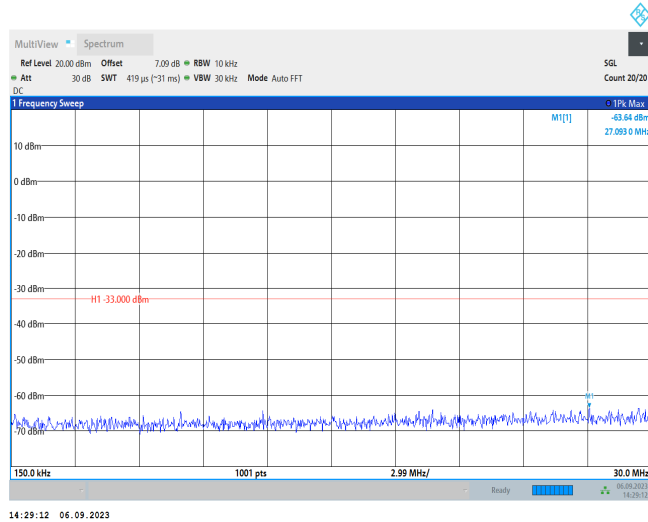
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BandII-9538-0.009~0.15MHz



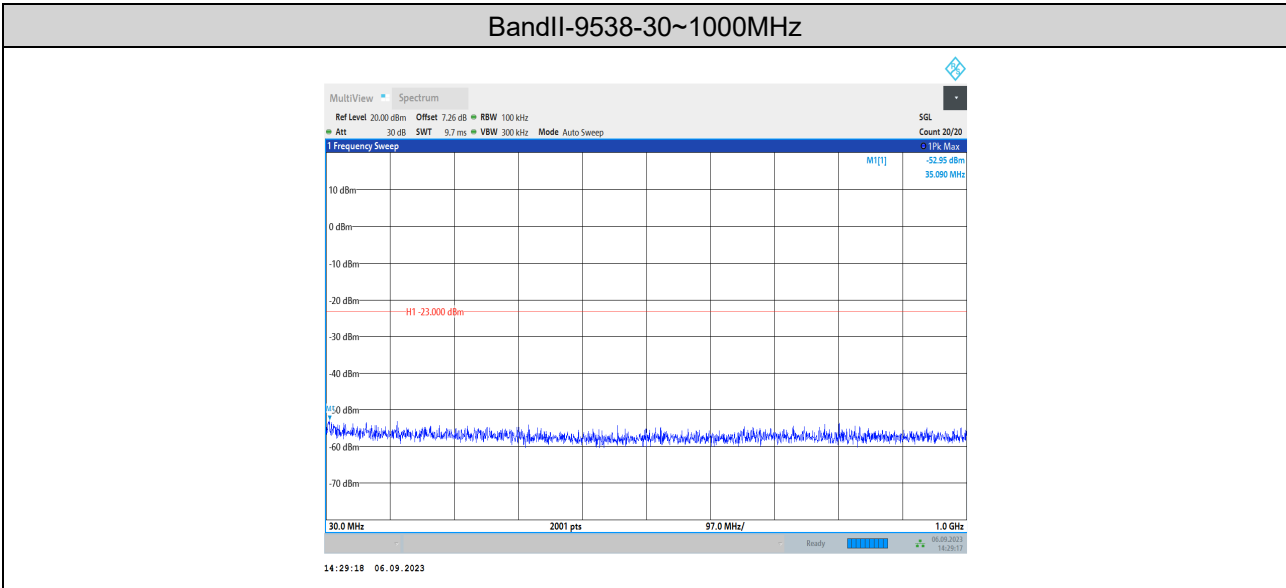
BandII-9538-0.15~30MHz



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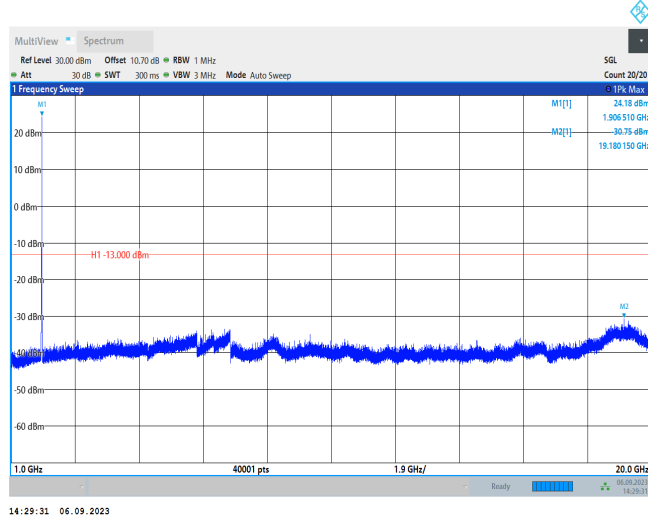


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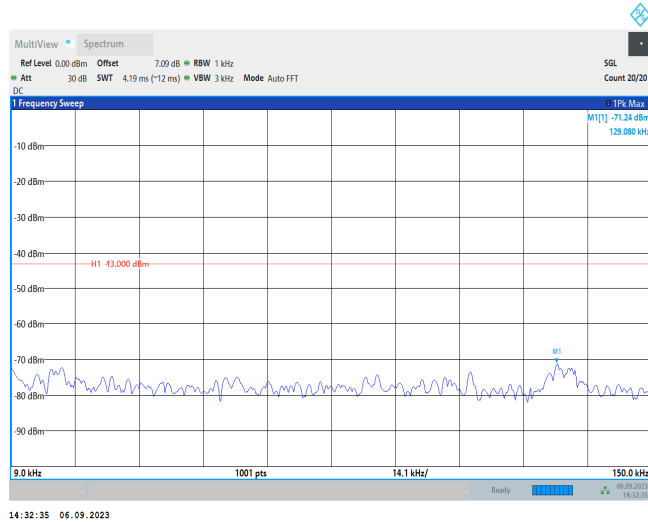
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BandII-9538-1000~20000MHz



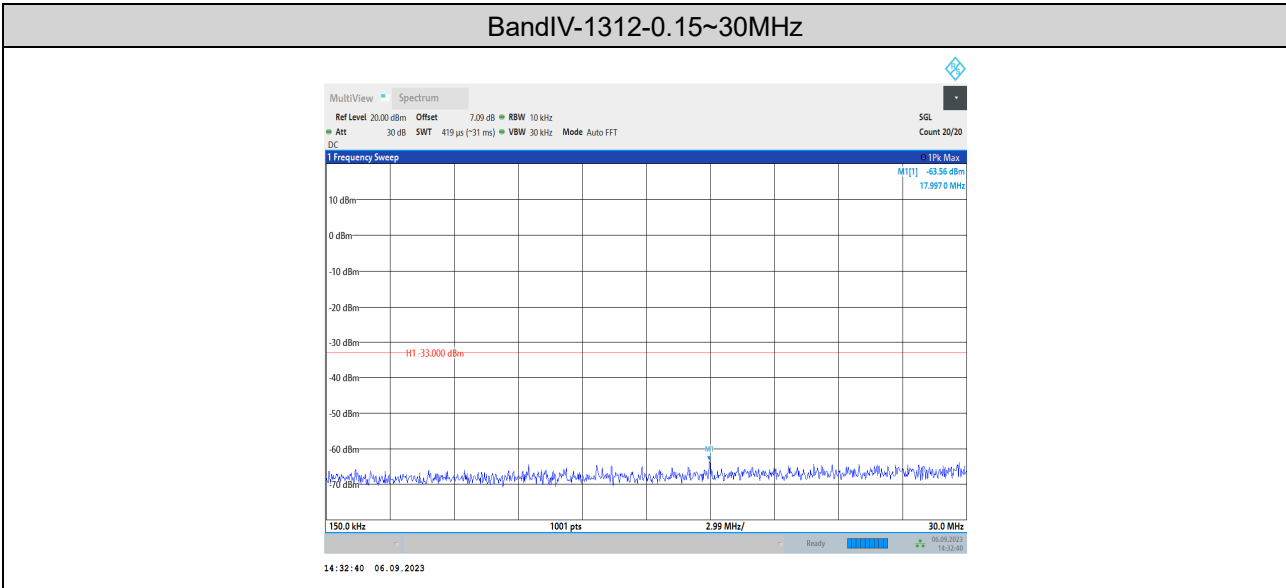
BandIV-1312-0.009~0.15MHz



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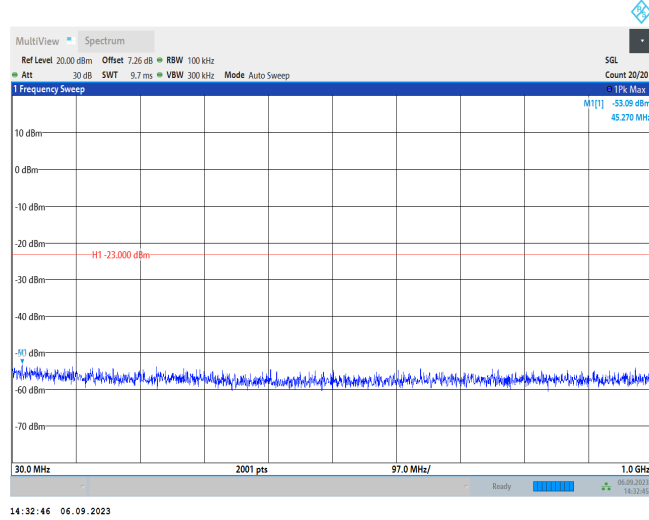


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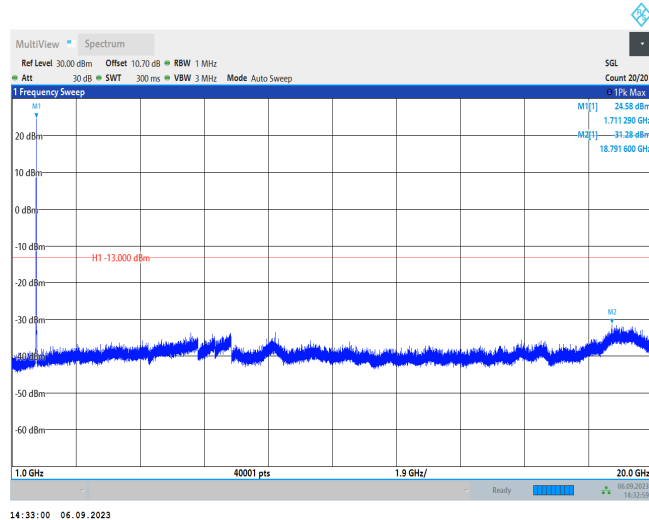
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BandIV-1312-30~1000MHz



BandIV-1312-1000~20000MHz

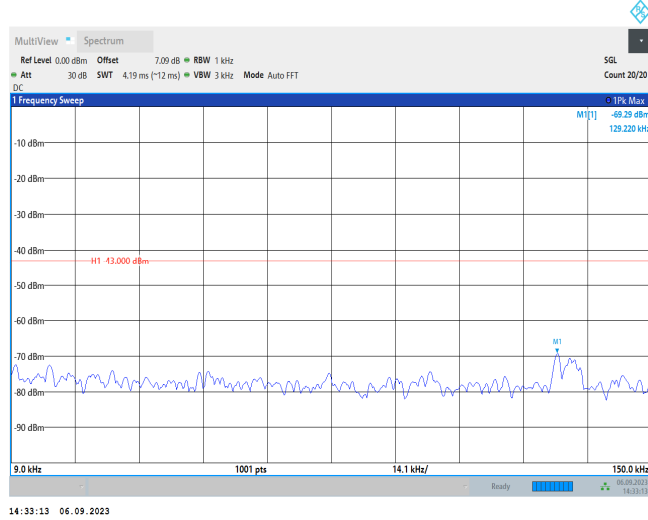


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Band IV-1413-0.009~0.15MHz

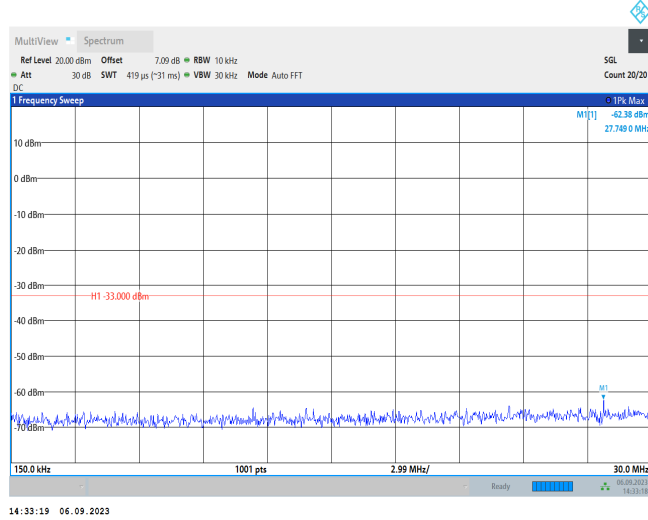


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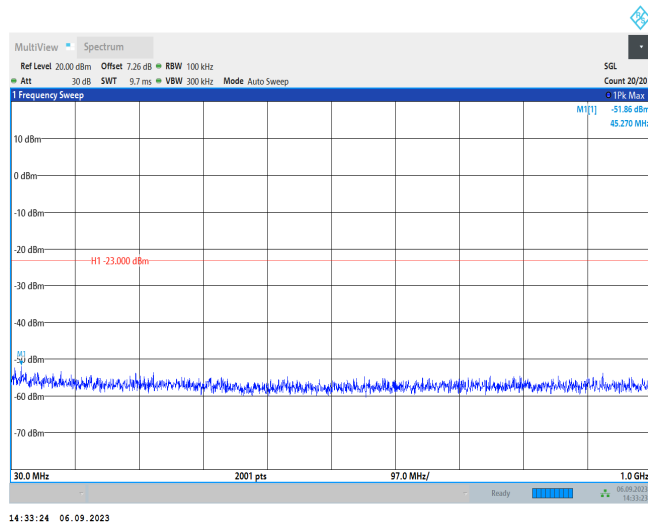
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BandIV-1413-0.15~30MHz



BandIV-1413-30~1000MHz

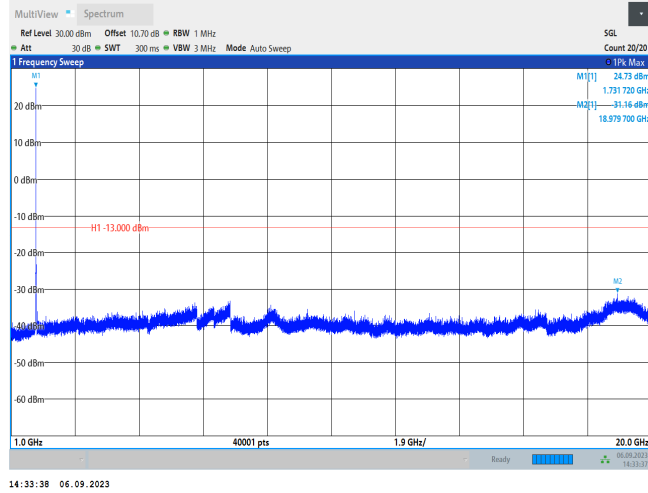


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Band IV-1413-1000~20000MHz

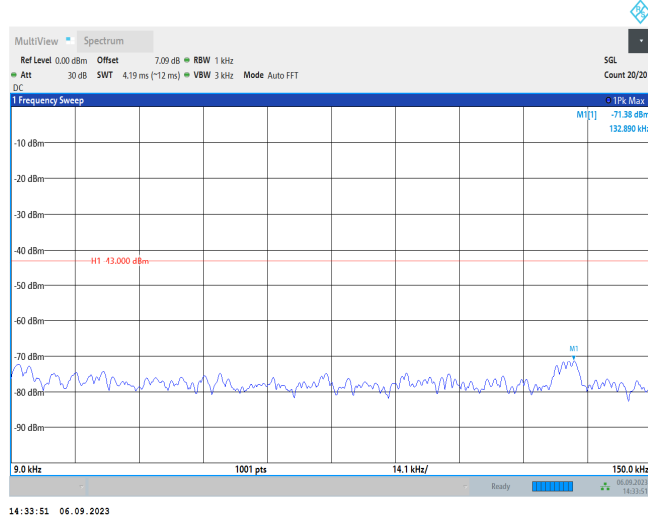


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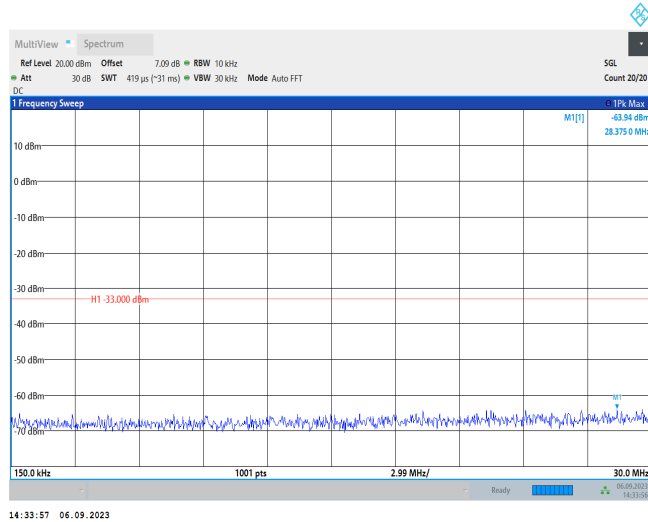
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BandIV-1513-0.009~0.15MHz



BandIV-1513-0.15~30MHz

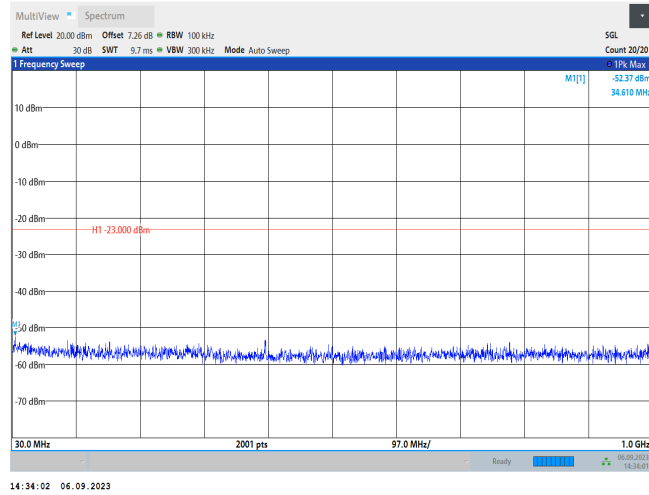


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BandIV-1513-30~1000MHz

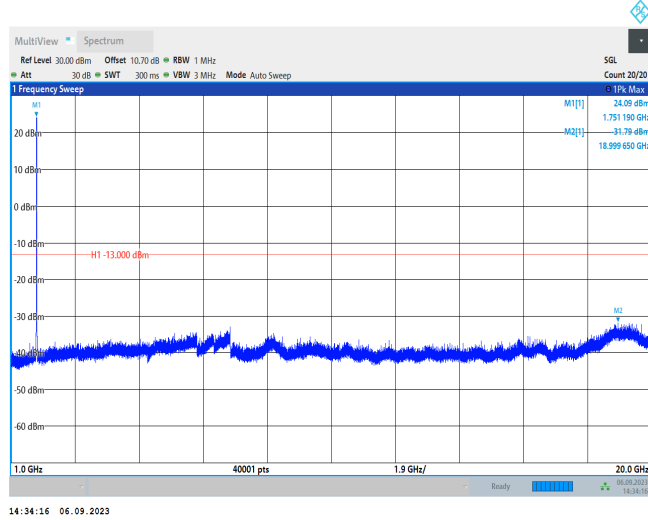


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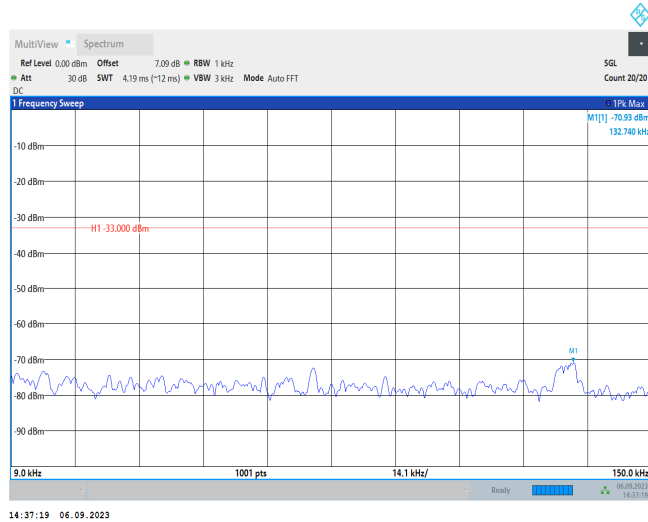
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BandIV-1513-1000~20000MHz



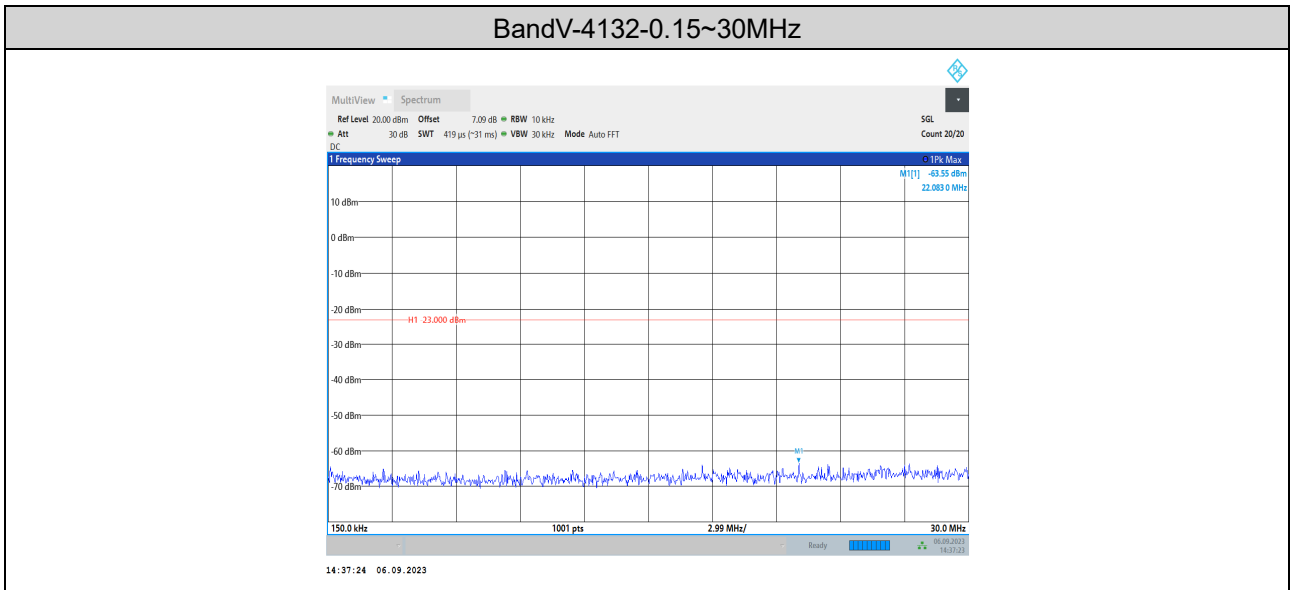
BandV-4132-0.009~0.15MHz



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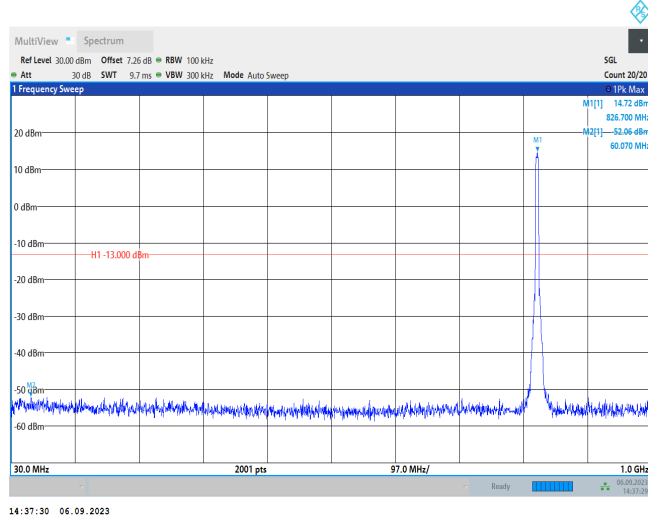


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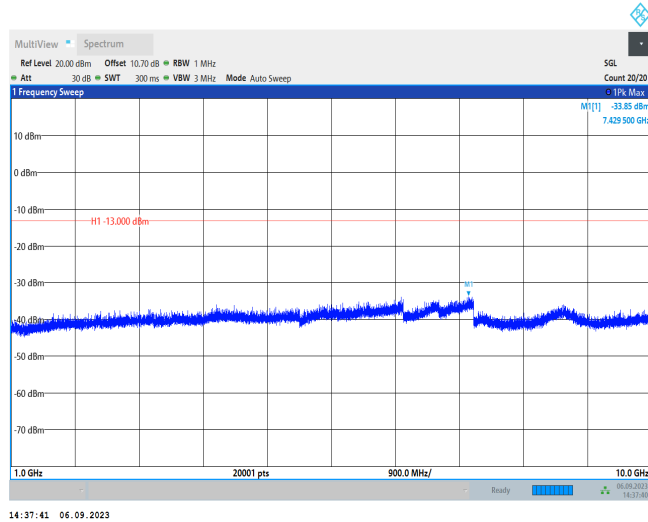
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BandV-4132-30~1000MHz



BandV-4132-1000~10000MHz

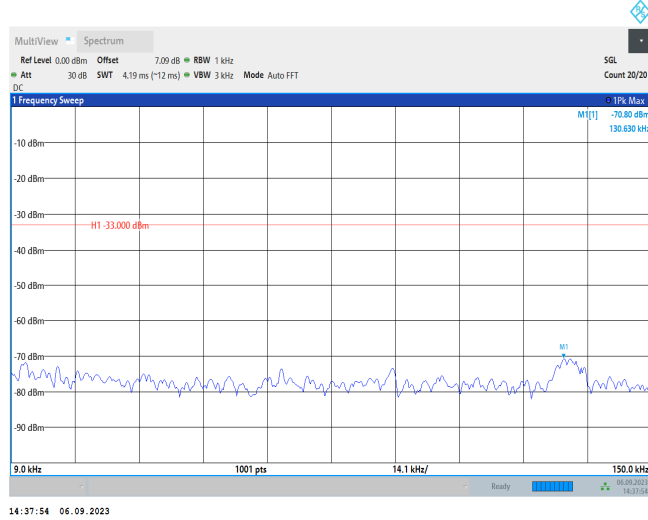


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BandV-4182-0.009~0.15MHz

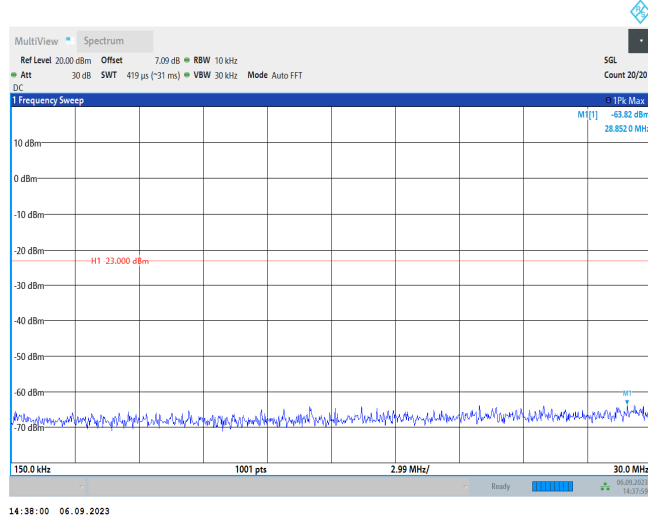


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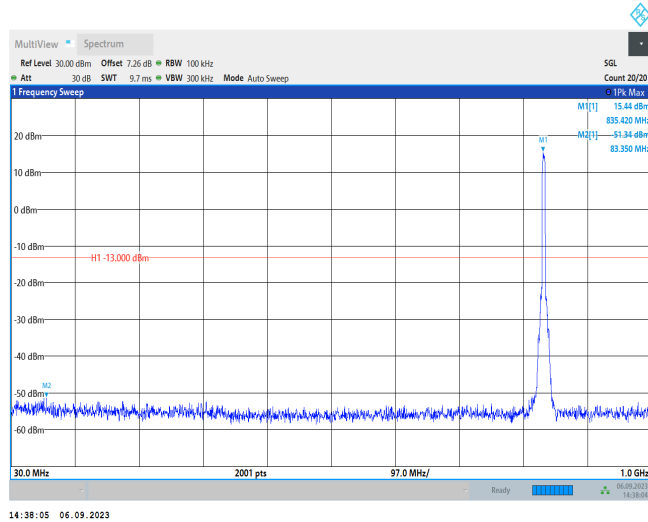
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BandV-4182-0.15~30MHz



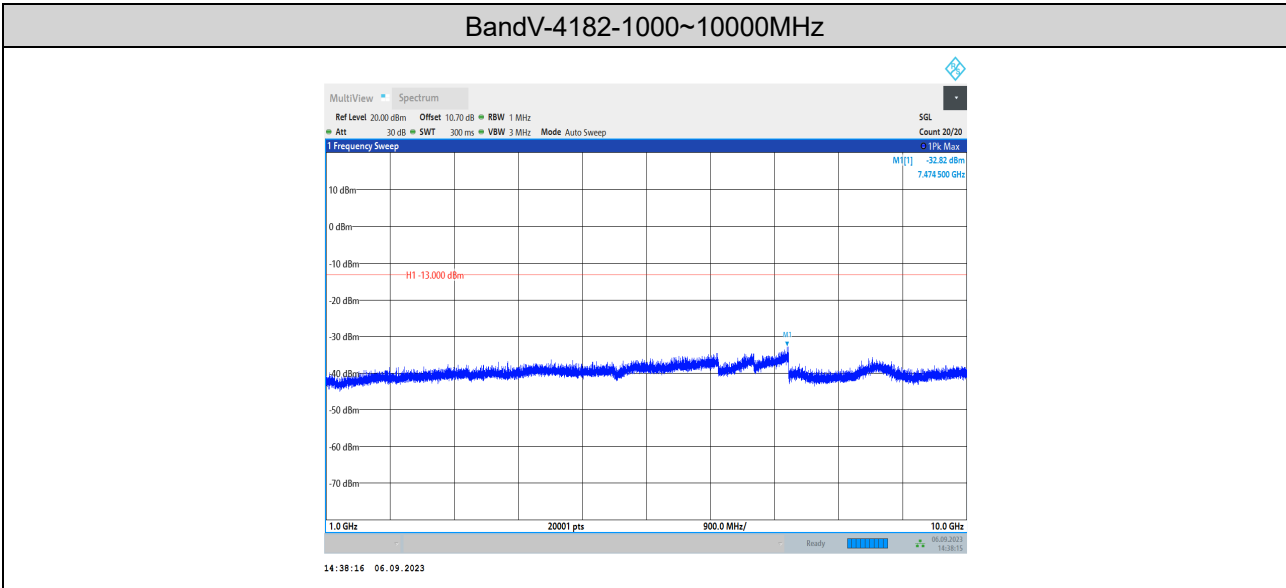
BandV-4182-30~1000MHz



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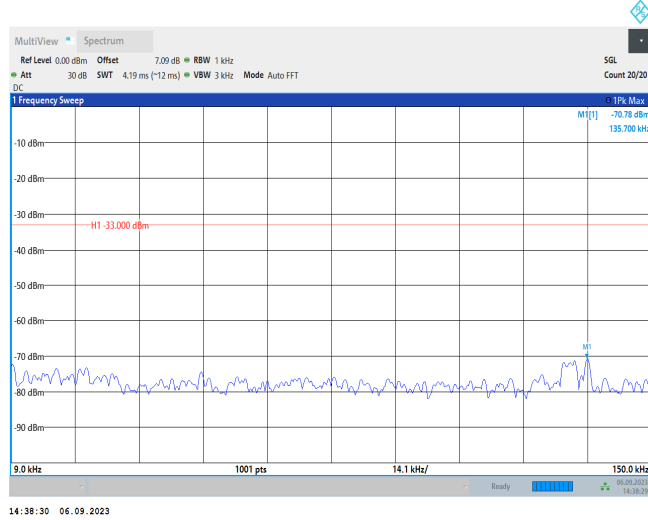


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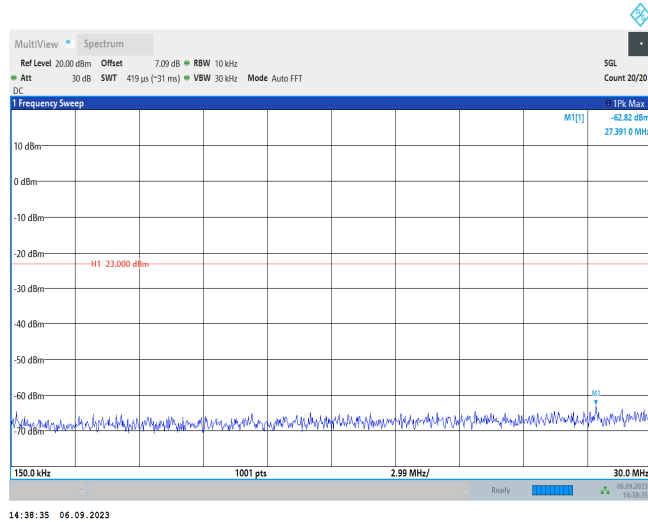
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BandV-4233-0.009~0.15MHz



BandV-4233-0.15~30MHz

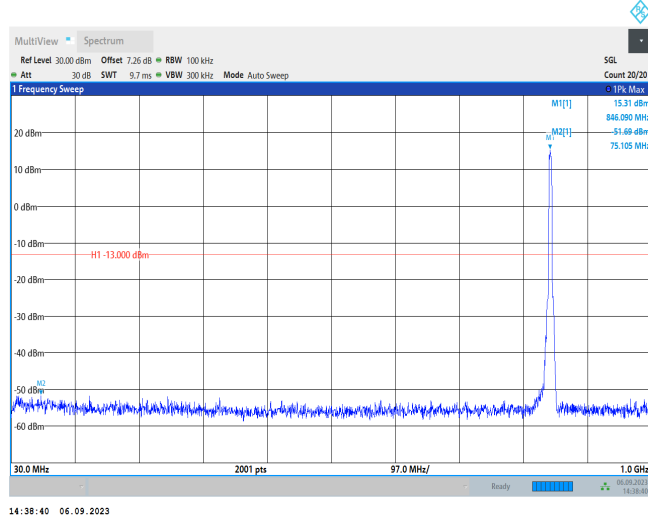


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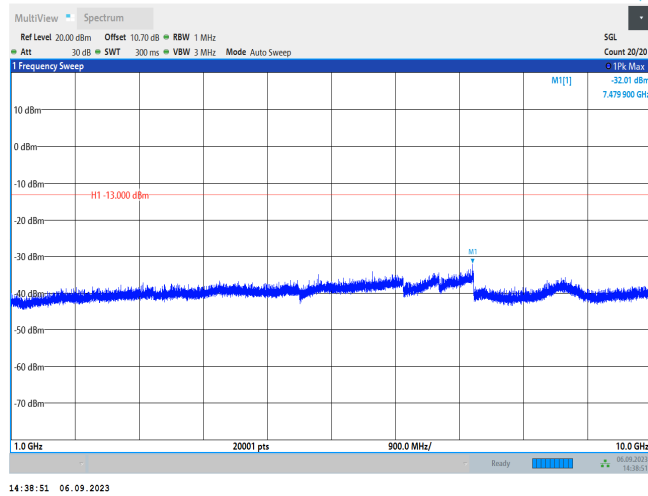
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BandV-4233-30~1000MHz



BandV-4233-1000~10000MHz



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Field Strength of Spurious Radiation(SKU3):

Test Band = WCDMA Band II_ TM1
Test Channel = Low Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.25	68.03	-48.50	28.99	-46.74	-13.00	33.74	Horizontal
2	5557.2	43.48	-47.66	32.71	-66.73	-13.00	53.73	Horizontal
3	7409.6	41.74	-46.17	36.58	-63.11	-13.00	50.11	Horizontal
4	9262	40.03	-43.13	37.84	-60.52	-13.00	47.52	Horizontal
5	11114.4	37.50	-40.36	39.38	-58.74	-13.00	45.74	Horizontal
6	12966.8	36.45	-39.40	38.62	-59.59	-13.00	46.59	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.25	67.86	-48.50	28.99	-46.91	-13.00	33.91	Vertical
2	5557.2	43.23	-47.66	32.71	-66.98	-13.00	53.98	Vertical
3	7409.6	42.06	-46.17	36.58	-62.79	-13.00	49.79	Vertical
4	9262	40.01	-43.13	37.84	-60.54	-13.00	47.54	Vertical
5	11114.4	36.78	-40.36	39.38	-59.46	-13.00	46.46	Vertical
6	12966.8	36.83	-39.40	38.62	-59.21	-13.00	46.21	Vertical



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 Wireless Laboratory

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Test Band = WCDMA Band II_ TM1
Test Channel = Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3759.75	61.77	-48.31	29.06	-52.74	-13.00	39.74	Horizontal
2	5640	42.74	-47.62	32.73	-67.41	-13.00	54.41	Horizontal
3	7520	41.45	-45.85	36.78	-62.88	-13.00	49.88	Horizontal
4	9400	39.96	-43.05	37.96	-60.39	-13.00	47.39	Horizontal
5	11280	37.06	-40.44	39.34	-59.29	-13.00	46.29	Horizontal
6	13160	36.11	-38.58	38.97	-58.76	-13.00	45.76	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3759.75	62.19	-48.31	29.06	-52.32	-13.00	39.32	Vertical
2	5640	42.92	-47.62	32.73	-67.23	-13.00	54.23	Vertical
3	7520	41.34	-45.85	36.78	-62.99	-13.00	49.99	Vertical
4	9400	39.44	-43.05	37.96	-60.91	-13.00	47.91	Vertical
5	11280	37.42	-40.44	39.34	-58.93	-13.00	45.93	Vertical
6	13160	36.34	-38.58	38.97	-58.53	-13.00	45.53	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = High Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3813.75	61.67	-48.20	29.14	-52.65	-13.00	39.65	Horizontal
2	5722.8	43.13	-47.53	32.74	-66.91	-13.00	53.91	Horizontal
3	7630	40.70	-44.77	36.64	-62.68	-13.00	49.68	Horizontal
4	9538	40.26	-42.32	38.08	-59.24	-13.00	46.24	Horizontal
5	11445.6	37.34	-40.07	39.31	-58.68	-13.00	45.68	Horizontal
6	13353.2	36.23	-39.13	39.41	-58.75	-13.00	45.75	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3813	61.68	-48.19	29.14	-52.64	-13.00	39.64	Vertical
2	5722.8	43.07	-47.53	32.74	-66.97	-13.00	53.97	Vertical
3	7630	40.80	-44.77	36.64	-62.58	-13.00	49.58	Vertical
4	9538	39.80	-42.32	38.08	-59.70	-13.00	46.70	Vertical
5	11445.6	37.07	-40.07	39.31	-58.95	-13.00	45.95	Vertical
6	13353.2	36.91	-39.13	39.41	-58.07	-13.00	45.07	Vertical



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Test Band = WCDMA Band IV_TM1
Test Channel = Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3465.2	46.68	-48.33	28.69	-68.22	-13.00	55.22	Horizontal
2	5197.8	45.05	-47.89	31.98	-66.12	-13.00	53.12	Horizontal
3	6930.4	43.41	-46.69	35.45	-63.09	-13.00	50.09	Horizontal
4	8663	40.95	-44.06	37.13	-61.25	-13.00	38.25	Horizontal
5	10395.6	38.69	-41.24	38.86	-58.95	-13.00	45.95	Horizontal
6	12128.2	37.75	-39.68	39.12	-58.07	-13.00	45.07	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3465.2	45.83	-48.33	28.69	-69.07	-13.00	56.07	Vertical
2	5197.8	47.68	-47.89	31.98	-63.49	-13.00	50.49	Vertical
3	6930.4	46.60	-46.69	35.45	-59.90	-13.00	46.90	Vertical
4	8663	41.23	-44.06	37.13	-60.97	-13.00	37.97	Vertical
5	10395.6	38.61	-41.24	38.86	-59.03	-13.00	46.03	Vertical
6	12128.2	37.44	-39.68	39.12	-58.38	-13.00	45.38	Vertical



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Test Band = WCDMA Band V_ TM1
Test Channel = Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1674.2222	57.86	-49.77	25.40	-61.78	-13.00	48.78	Horizontal
2	2509.2	50.14	-48.93	27.32	-66.72	-13.00	53.72	Horizontal
3	3345.6	44.58	-48.66	28.64	-70.70	-13.00	37.70	Horizontal
4	4182	43.54	-48.34	29.73	-70.33	-13.00	57.33	Horizontal
5	5018.4	43.17	-47.95	31.54	-68.50	-13.00	55.50	Horizontal
6	5854.8	43.06	-47.33	32.77	-66.76	-13.00	53.76	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1674.2222	51.44	-49.77	25.40	-68.20	-13.00	55.20	Vertical
2	2506.2222	51.77	-48.92	27.31	-65.09	-13.00	52.09	Vertical
3	3345.6	44.87	-48.66	28.64	-70.41	-13.00	37.41	Vertical
4	4182	43.21	-48.34	29.73	-70.66	-13.00	57.66	Vertical
5	5018.4	43.28	-47.95	31.54	-68.39	-13.00	55.39	Vertical
6	5854.8	42.77	-47.33	32.77	-67.05	-13.00	54.05	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Test on the worst case(SKU4):

Test Band = WCDMA Band II_ TM1
Test Channel = Low Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3703.5	65.80	-48.50	28.98	-48.97	-13.00	35.97	Horizontal
2	5554.5	46.86	-47.66	32.71	-63.35	-13.00	50.35	Horizontal
3	7412.25	47.49	-46.17	36.59	-57.35	-13.00	44.35	Horizontal
4	9257.25	45.20	-43.16	37.83	-55.39	-13.00	42.39	Horizontal
5	11114.4	37.31	-40.36	39.38	-58.93	-13.00	45.93	Horizontal
6	12966.8	36.70	-39.40	38.62	-59.34	-13.00	46.34	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3703.5	66.81	-48.50	28.98	-47.96	-13.00	34.96	Vertical
2	5553.75	50.88	-47.66	32.71	-59.33	-13.00	46.33	Vertical
3	7406.25	47.98	-46.17	36.58	-56.88	-13.00	43.88	Vertical
4	9257.25	44.50	-43.16	37.83	-56.09	-13.00	43.09	Vertical
5	11114.4	37.21	-40.36	39.38	-59.03	-13.00	46.03	Vertical
6	12966.8	36.94	-39.40	38.62	-59.10	-13.00	46.10	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.5	61.57	-48.31	29.06	-52.94	-13.00	39.94	Horizontal
2	5637.75	44.93	-47.62	32.73	-65.22	-13.00	52.22	Horizontal
3	9399	42.30	-43.05	37.96	-58.05	-13.00	45.05	Horizontal
4	7520	45.11	-45.85	36.78	-59.22	-13.00	46.22	Horizontal
5	11280	38.13	-40.44	39.34	-58.22	-13.00	45.22	Horizontal
6	13160	35.76	-38.58	38.97	-59.11	-13.00	46.11	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.5	62.44	-48.31	29.06	-52.07	-13.00	39.07	Vertical
2	5658.75	44.70	-47.58	32.73	-65.40	-13.00	52.40	Vertical
3	7516.5	47.76	-45.91	36.78	-56.63	-13.00	43.63	Vertical
4	9396	44.19	-43.04	37.96	-56.16	-13.00	43.16	Vertical
5	11280	37.57	-40.44	39.34	-58.78	-13.00	45.78	Vertical
6	13160	36.03	-38.58	38.97	-58.84	-13.00	45.84	Vertical



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Test Band = WCDMA Band II_ TM1
Test Channel = High Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3813.75	63.30	-48.20	29.14	-51.02	-13.00	38.02	Horizontal
2	5725.5	45.83	-47.53	32.75	-64.22	-13.00	51.22	Horizontal
3	7627.5	45.95	-44.75	36.65	-57.41	-13.00	44.41	Horizontal
4	9543.75	42.30	-42.31	38.09	-57.18	-13.00	44.18	Horizontal
5	11445.6	36.90	-40.07	39.31	-59.12	-13.00	46.12	Horizontal
6	13353.2	36.93	-39.13	39.41	-58.05	-13.00	45.05	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3813.75	61.27	-48.20	29.14	-53.05	-13.00	40.05	Vertical
2	7633.5	46.93	-44.78	36.64	-56.47	-13.00	43.47	Vertical
3	9543.75	45.21	-42.31	38.09	-54.27	-13.00	41.27	Vertical
4	5722.8	44.40	-47.53	32.74	-65.64	-13.00	52.64	Vertical
5	11445.6	37.48	-40.07	39.31	-58.54	-13.00	45.54	Vertical
6	13353.2	36.66	-39.13	39.41	-58.32	-13.00	45.32	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Test on the worst case(SKU6):

Test Band = WCDMA Band II_ TM1
Test Channel = Low Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.25	69.07	-48.50	28.99	-45.70	-13.00	32.70	Horizontal
2	5557.2	43.73	-47.66	32.71	-66.48	-13.00	53.48	Horizontal
3	7409.6	43.17	-46.17	36.58	-61.68	-13.00	48.68	Horizontal
4	9262	40.28	-43.13	37.84	-60.27	-13.00	47.27	Horizontal
5	11114.4	37.10	-40.36	39.38	-59.14	-13.00	46.14	Horizontal
6	12966.8	37.41	-39.40	38.62	-58.63	-13.00	45.63	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.25	65.29	-48.50	28.99	-49.48	-13.00	36.48	Vertical
2	5557.2	43.83	-47.66	32.71	-66.38	-13.00	53.38	Vertical
3	7409.6	43.00	-46.17	36.58	-61.85	-13.00	48.85	Vertical
4	9262	40.33	-43.13	37.84	-60.22	-13.00	47.22	Vertical
5	11114.4	37.06	-40.36	39.38	-59.18	-13.00	46.18	Vertical
6	12966.8	36.92	-39.40	38.62	-59.12	-13.00	46.12	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.5	61.98	-48.31	29.06	-52.53	-13.00	39.53	Horizontal
2	5640	42.66	-47.62	32.73	-67.49	-13.00	54.49	Horizontal
3	7520	42.11	-45.85	36.78	-62.22	-13.00	49.22	Horizontal
4	9400	40.73	-43.05	37.96	-59.62	-13.00	46.62	Horizontal
5	11280	37.18	-40.44	39.34	-59.17	-13.00	46.17	Horizontal
6	13160	35.82	-38.58	38.97	-59.05	-13.00	46.05	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.5	61.71	-48.31	29.06	-52.80	-13.00	39.80	Vertical
2	5640	43.17	-47.62	32.73	-66.98	-13.00	53.98	Vertical
3	7520	41.21	-45.85	36.78	-63.12	-13.00	50.12	Vertical
4	9400	39.52	-43.05	37.96	-60.83	-13.00	47.83	Vertical
5	11280	37.47	-40.44	39.34	-58.88	-13.00	45.88	Vertical
6	13160	36.23	-38.58	38.97	-58.64	-13.00	45.64	Vertical



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Test Band = WCDMA Band II_ TM1
Test Channel = High Channel

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3815.25	67.95	-48.20	29.14	-46.37	-13.00	33.37	Horizontal
2	5722.8	43.56	-47.53	32.74	-66.48	-13.00	53.48	Horizontal
3	7630	41.42	-44.77	36.64	-61.96	-13.00	48.96	Horizontal
4	9538	39.43	-42.32	38.08	-60.07	-13.00	47.07	Horizontal
5	11445.6	37.33	-40.07	39.31	-58.69	-13.00	45.69	Horizontal
6	13353.2	36.56	-39.13	39.41	-58.42	-13.00	45.42	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3815.25	67.77	-48.20	29.14	-46.55	-13.00	33.55	Vertical
2	5722.8	43.69	-47.53	32.74	-66.35	-13.00	53.35	Vertical
3	7630	40.72	-44.77	36.64	-62.66	-13.00	49.66	Vertical
4	9538	39.52	-42.32	38.08	-59.98	-13.00	46.98	Vertical
5	11445.6	37.52	-40.07	39.31	-58.50	-13.00	45.50	Vertical
6	13353.2	36.55	-39.13	39.41	-58.43	-13.00	45.43	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Voltage						
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
BandII	9400	VL	NT	-6.50	-0.003457	PASS
BandII	9400	VN	NT	-16.32	-0.008681	PASS
BandII	9400	VH	NT	-11.99	-0.006378	PASS
BandIV	1413	VL	NT	-9.91	-0.005720	PASS
BandIV	1413	VN	NT	-12.45	-0.007186	PASS
BandIV	1413	VH	NT	-8.86	-0.005114	PASS

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandV	4182	VL	NT	-7.59	-0.009075	±2.5	PASS
BandV	4182	VN	NT	-11.96	-0.014299	±2.5	PASS
BandV	4182	VH	NT	-3.75	-0.004484	±2.5	PASS



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Wireless Laboratory

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Temperature						
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
BandII	9400	NV	-30	-12.32	-0.006553	PASS
BandII	9400	NV	-20	-11.17	-0.005941	PASS
BandII	9400	NV	-10	-13.00	-0.006915	PASS
BandII	9400	NV	0	-11.63	-0.006186	PASS
BandII	9400	NV	10	-13.90	-0.007394	PASS
BandII	9400	NV	20	-11.74	-0.006245	PASS
BandII	9400	NV	30	-12.40	-0.006596	PASS
BandII	9400	NV	40	-12.76	-0.006787	PASS
BandII	9400	NV	50	-10.29	-0.005473	PASS
BandIV	1413	NV	-30	-10.39	-0.005997	PASS
BandIV	1413	NV	-20	-11.77	-0.006793	PASS
BandIV	1413	NV	-10	-13.25	-0.007647	PASS
BandIV	1413	NV	0	-13.82	-0.007976	PASS
BandIV	1413	NV	10	-11.48	-0.006626	PASS
BandIV	1413	NV	20	-9.10	-0.005252	PASS
BandIV	1413	NV	30	-11.51	-0.006643	PASS
BandIV	1413	NV	40	-15.19	-0.008767	PASS
BandIV	1413	NV	50	-12.33	-0.007116	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandV	4182	NV	-30	-6.59	-0.007879	±2.5	PASS
BandV	4182	NV	-20	-2.65	-0.003168	±2.5	PASS
BandV	4182	NV	-10	-7.19	-0.008596	±2.5	PASS
BandV	4182	NV	0	-7.35	-0.008788	±2.5	PASS
BandV	4182	NV	10	-4.22	-0.005045	±2.5	PASS
BandV	4182	NV	20	-6.04	-0.007221	±2.5	PASS
BandV	4182	NV	30	-8.40	-0.010043	±2.5	PASS
BandV	4182	NV	40	-9.08	-0.010856	±2.5	PASS
BandV	4182	NV	50	-7.07	-0.008453	±2.5	PASS

---End of Attachment---



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