

Appendix B

WCDMA Band II & IV & V





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1. Effective (Isotropic) Radiated Power

1.1. Test Result

FOR ANT1:

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	24.12	23.74	33.00	PASS
Band II	9400	24.25	23.87	33.00	PASS
Band II	9538	24.16	23.78	33.00	PASS
Band IV	4132	23.77	23.23	30.00	PASS
Band IV	4182	23.93	23.39	30.00	PASS
Band IV	4233	23.86	23.32	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	24.27	17.12	38.45	PASS
Band V	4182	24.28	17.13	38.45	PASS
Band V	4233	24.20	17.05	38.45	PASS

FOR ANT2:

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	23.90	23.51	33.00	PASS
Band II	9400	23.80	23.41	33.00	PASS
Band II	9538	23.83	23.44	33.00	PASS
Band IV	4132	23.85	23.29	30.00	PASS
Band IV	4182	23.82	23.26	30.00	PASS
Band IV	4233	23.86	23.3	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	24.46	17.97	38.45	PASS
Band V	4182	24.48	17.99	38.45	PASS
Band V	4233	24.41	17.92	38.45	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$ERP [dBm] = \text{Conducted Power} [dBm] + \text{Gain} [dBd]$

$EIRP [dBm] = \text{Conducted Power} [dBm] + \text{Gain} [dBi]$



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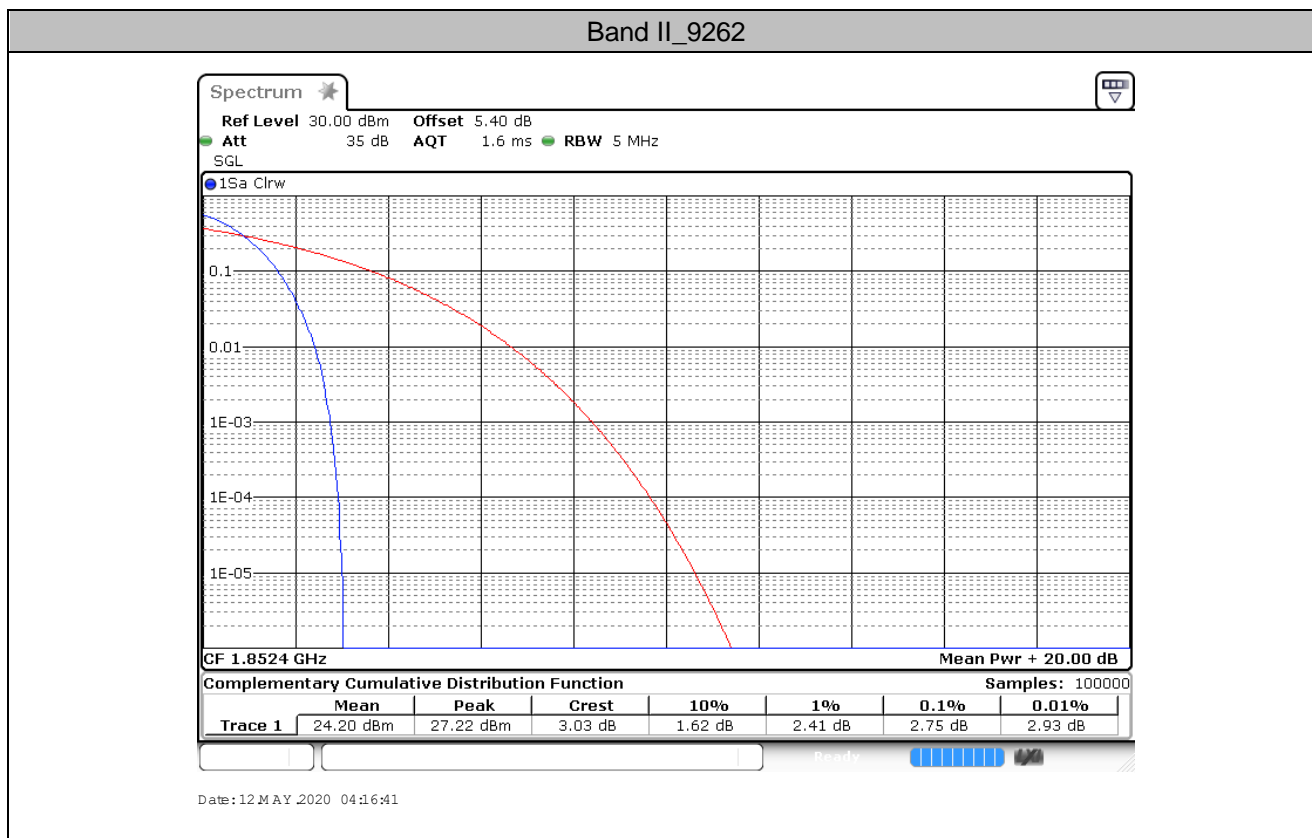
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2. Peak-to-Average Ratio(CCDF)

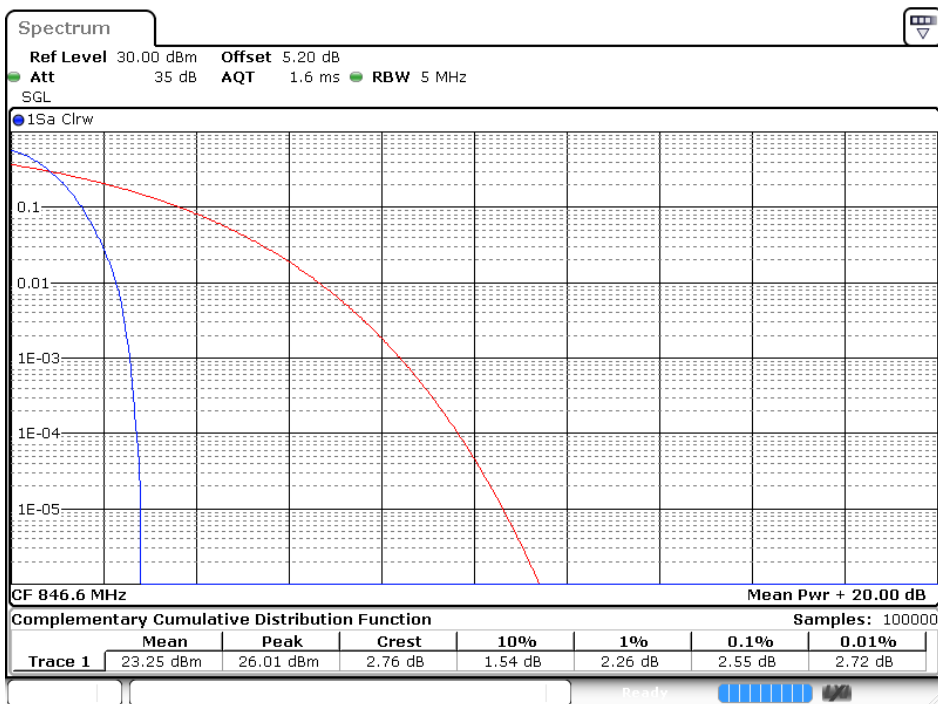
2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band II	9262	2.75	13	PASS
Band II	9400	2.55	13	PASS
Band II	9538	2.96	13	PASS
Band IV	1312	3.22	13	PASS
Band IV	1413	3.25	13	PASS
Band IV	1513	2.93	13	PASS
Band V	4132	2.84	13	PASS
Band V	4182	2.99	13	PASS
Band V	4233	2.55	13	PASS

2.2. Test Plots



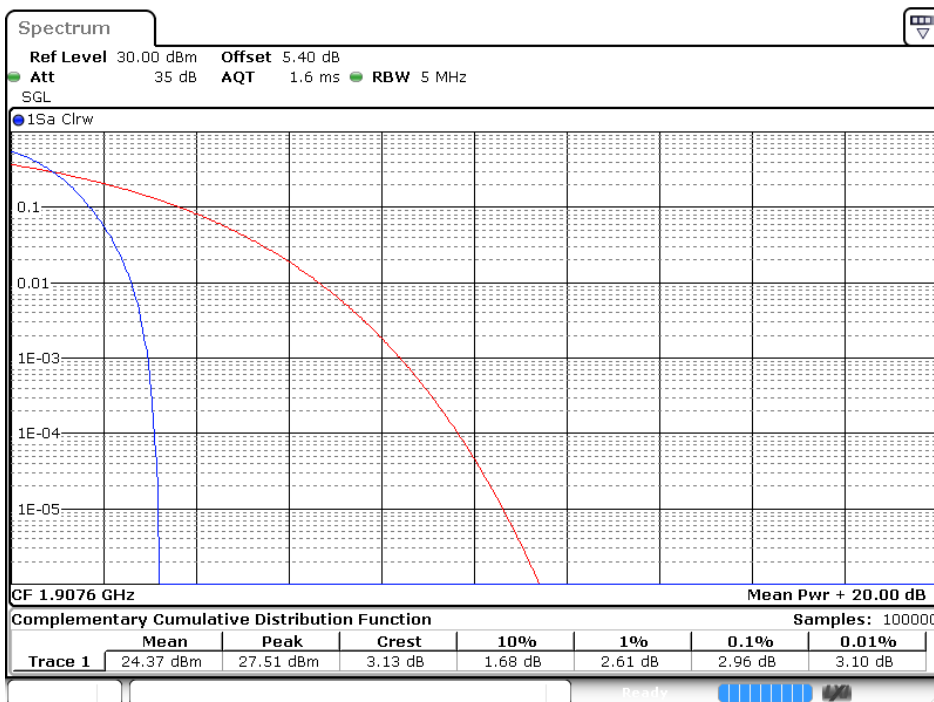
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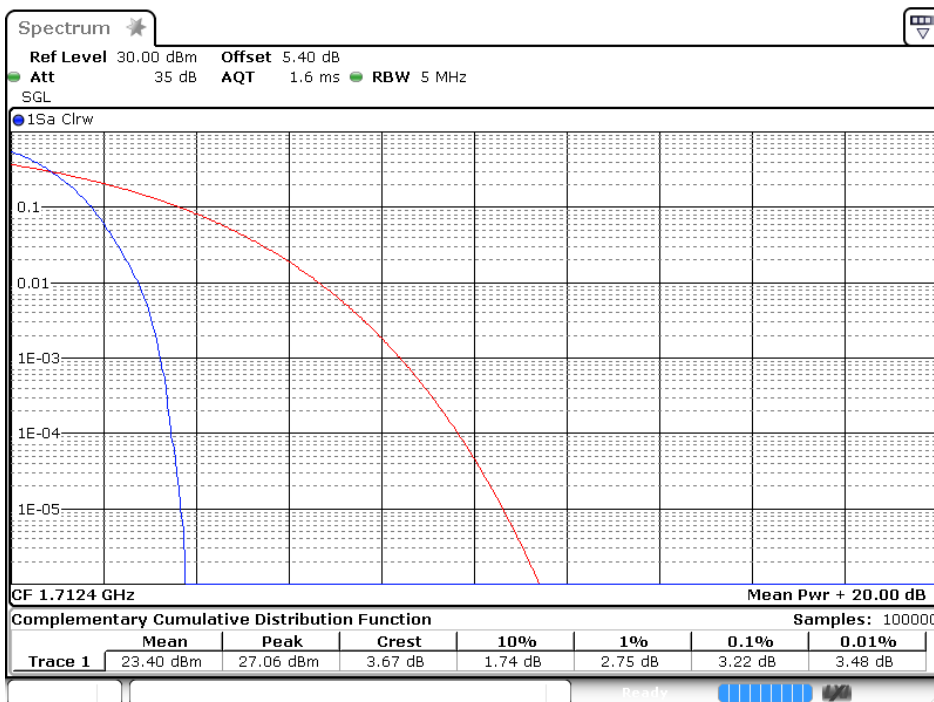
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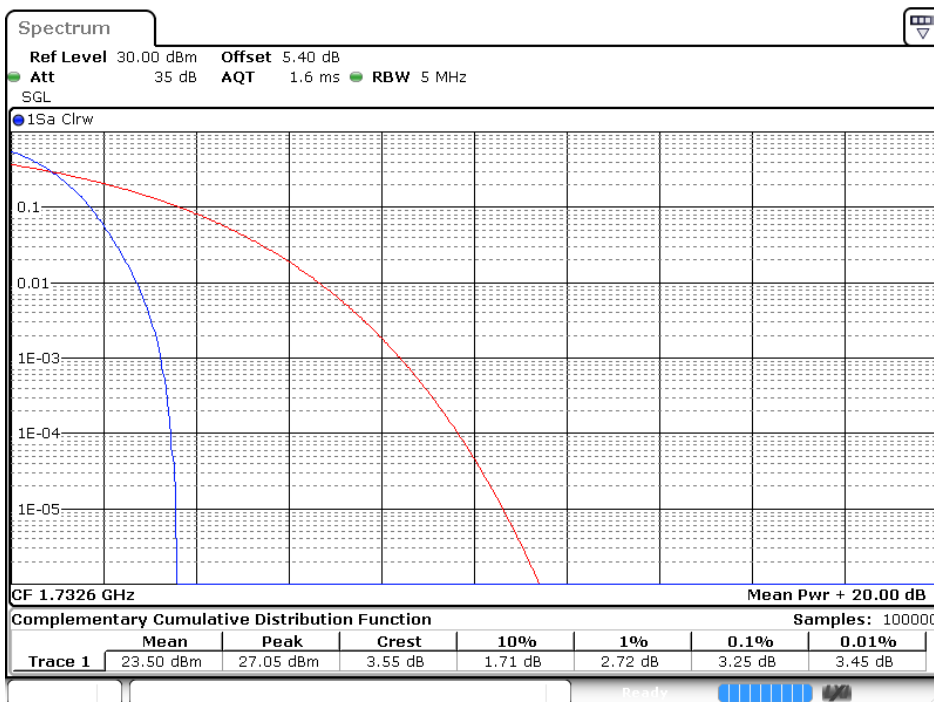
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Band IV_1413



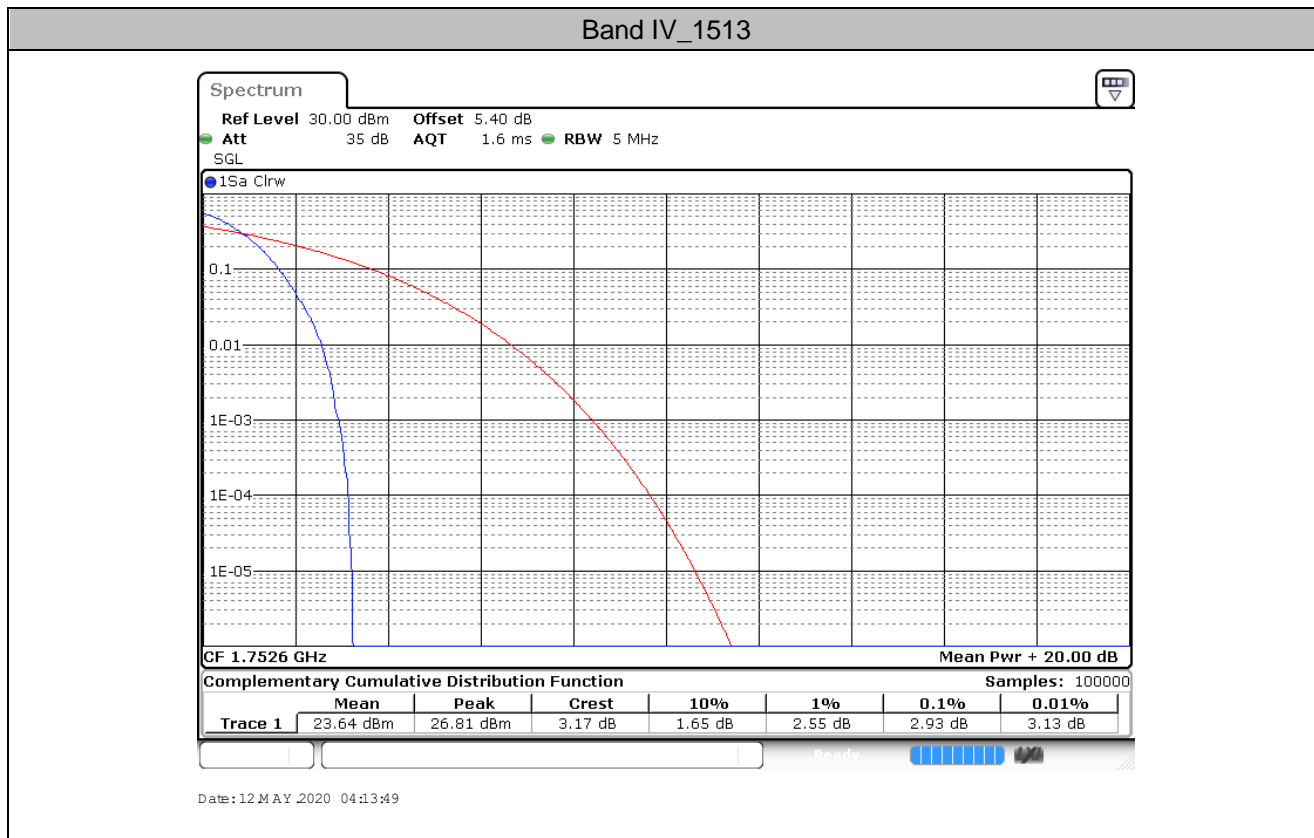
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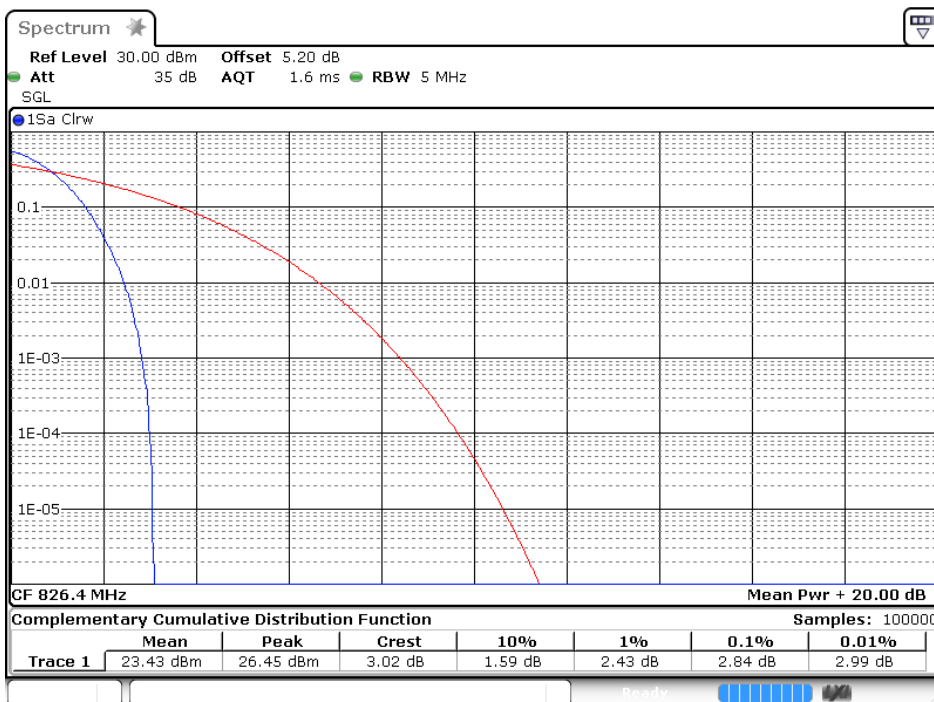
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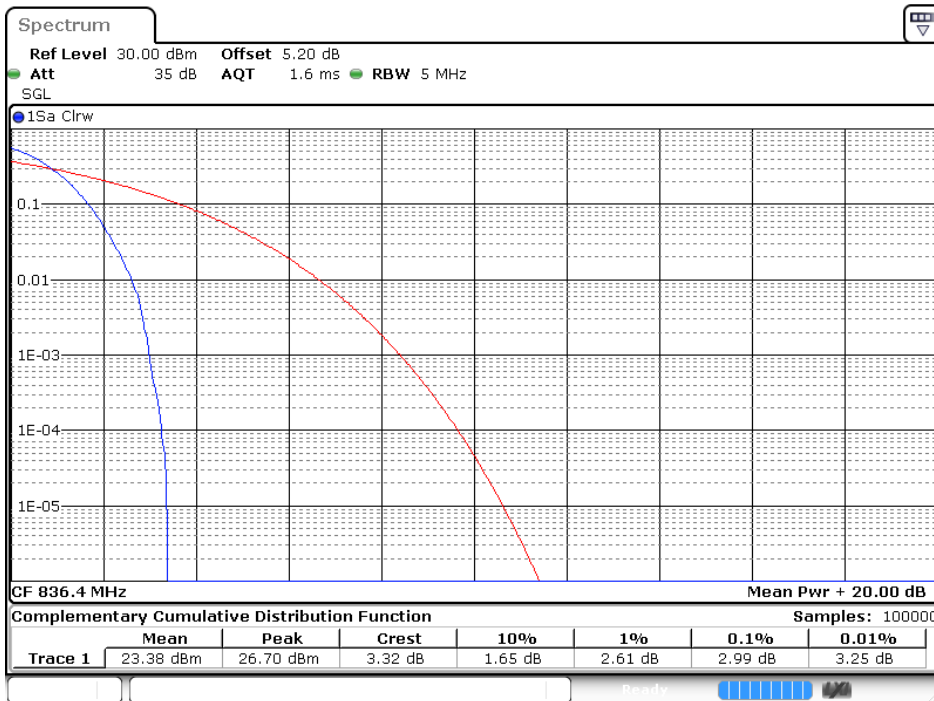
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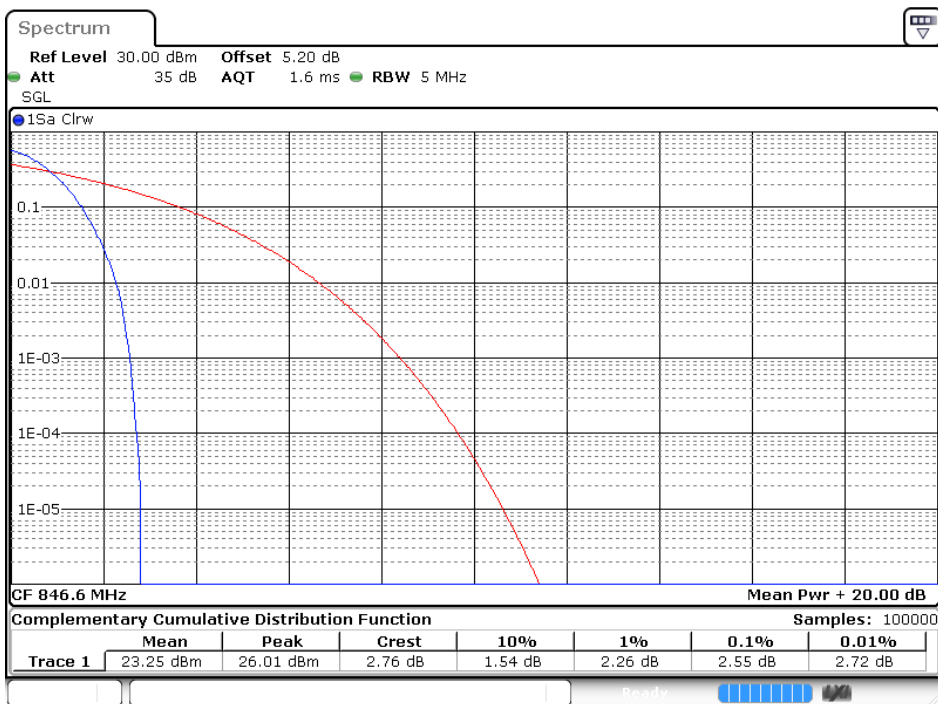
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Band V_4233



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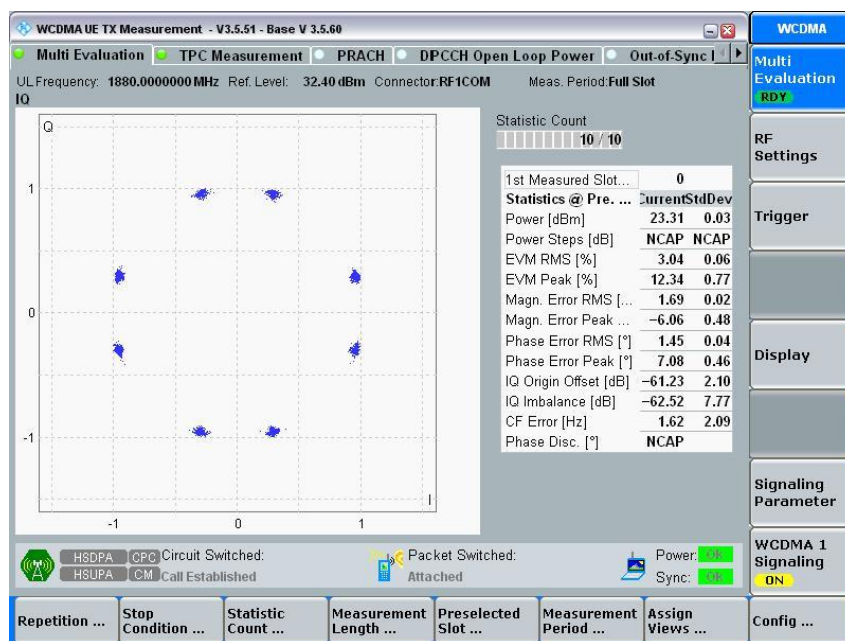


3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1. Test Mode = UMTS/TM1

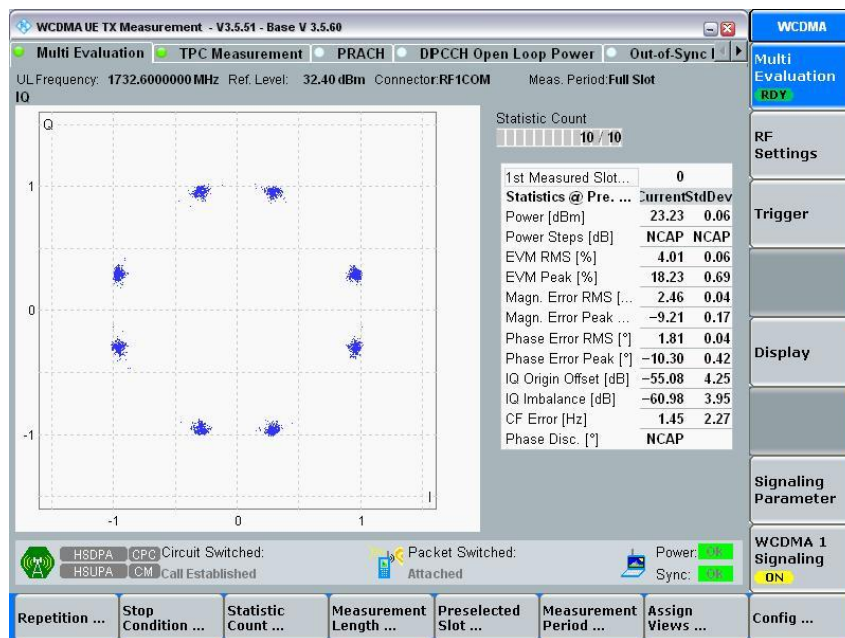
3.1.1.1. Test Channel = MCH





3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1



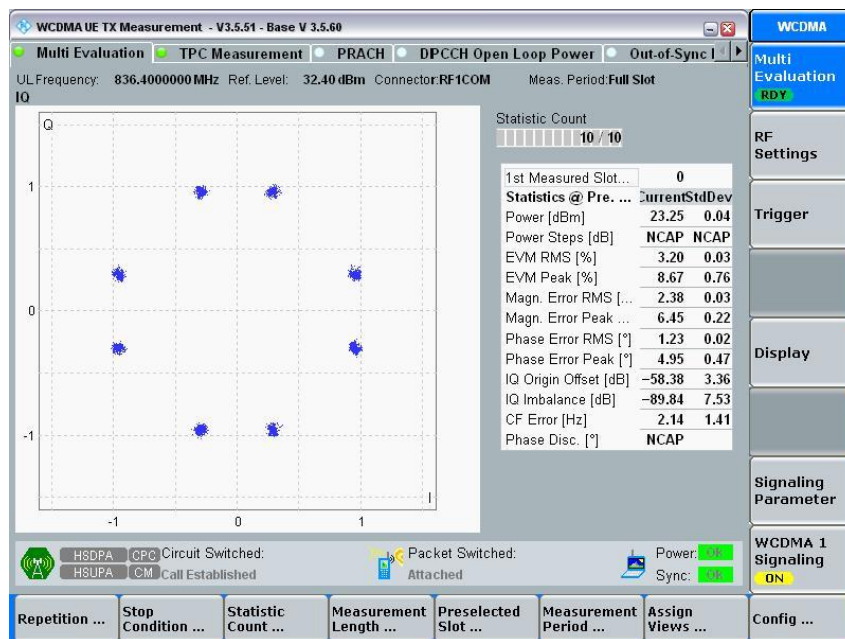
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3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH

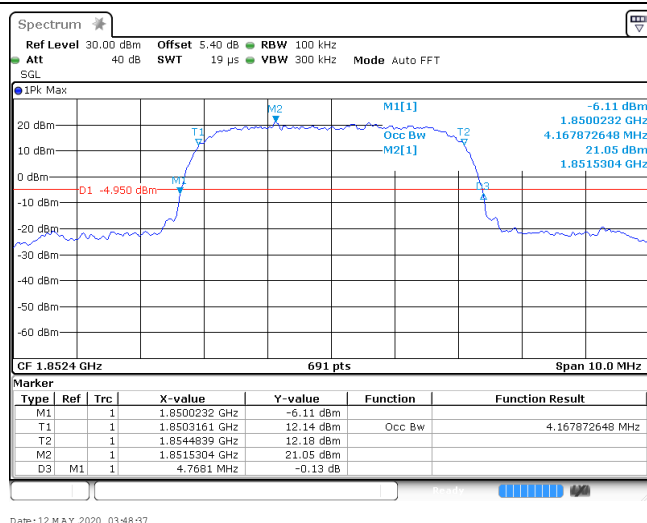


4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4167.9	4768	---	PASS
Band II	9400	4167.9	4725	---	PASS
Band II	9538	4167.9	4739	---	PASS
Band IV	1312	4167.9	4725	---	PASS
Band IV	1413	4167.9	4725	---	PASS
Band IV	1513	4167.9	4739	---	PASS
Band V	4132	4167.9	4725	---	PASS
Band V	4182	4153.4	4725	---	PASS
Band V	4233	4182.3	4754	---	PASS

4.2. Test Plots



Band II 9262



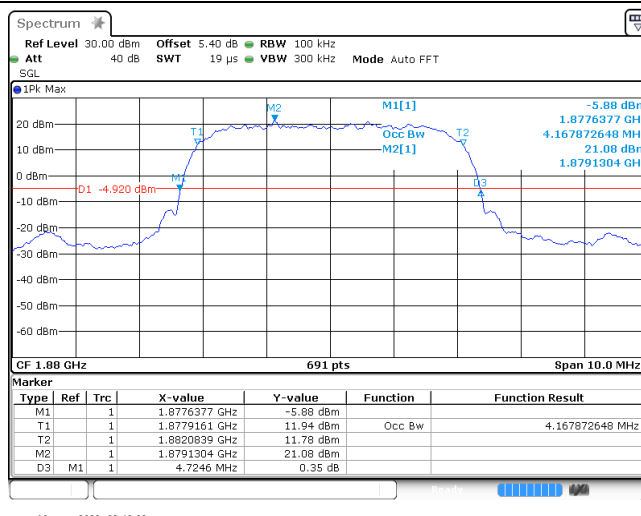
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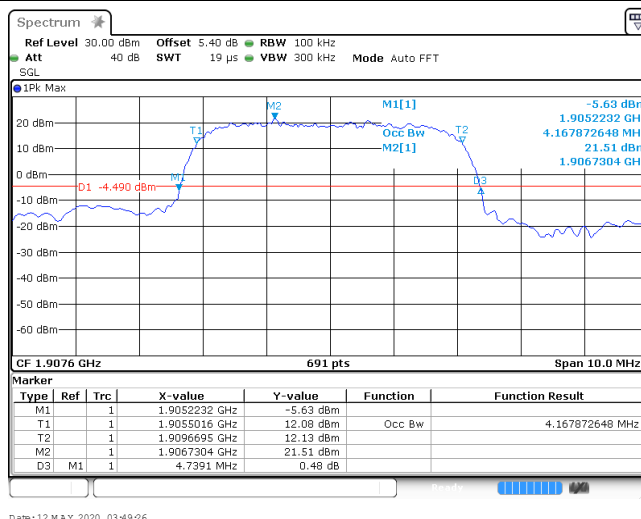
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Band II_9400



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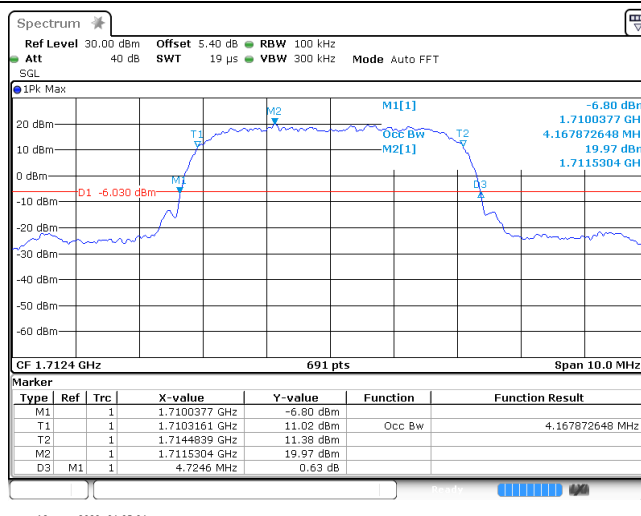
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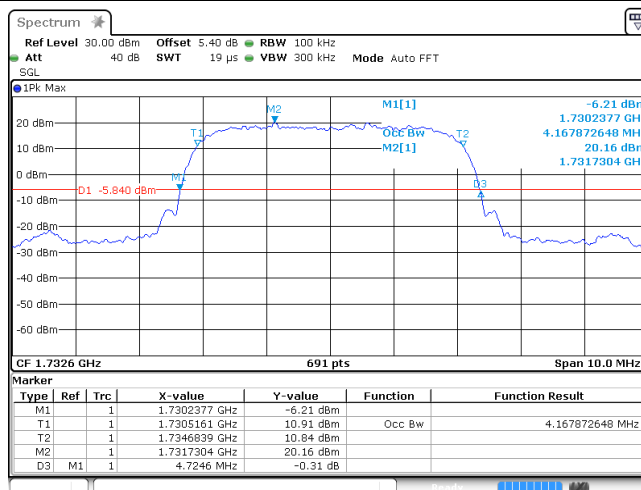
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Band IV_1312



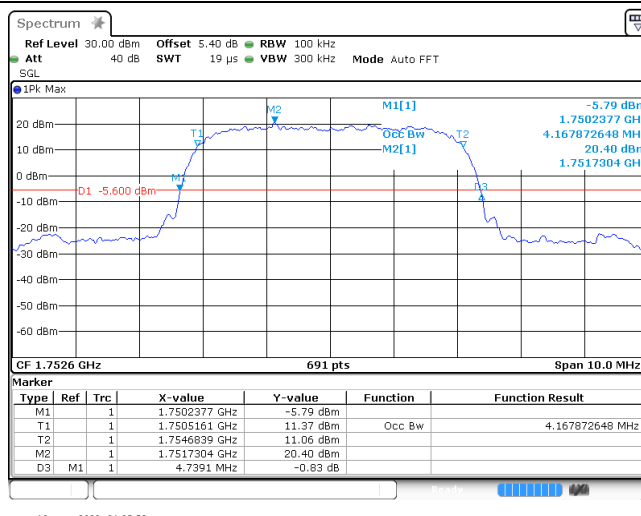
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Band IV_1413

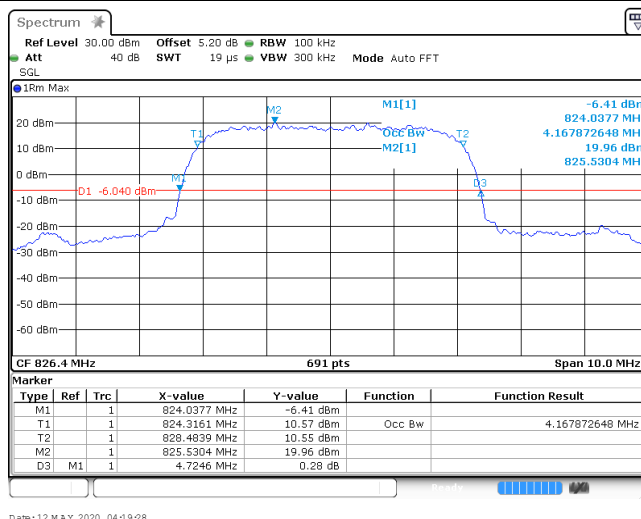


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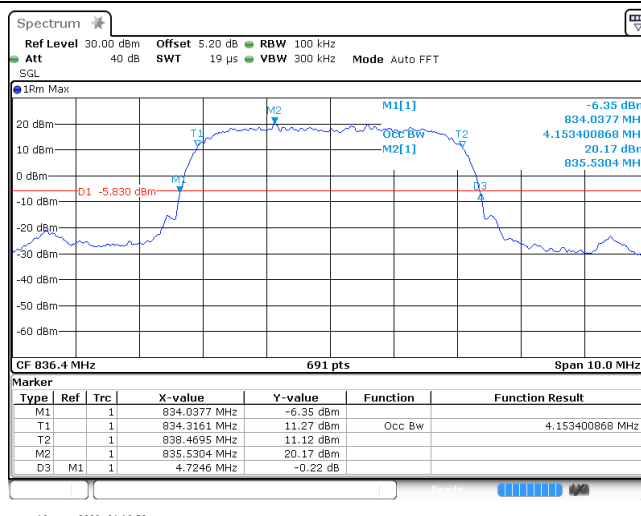


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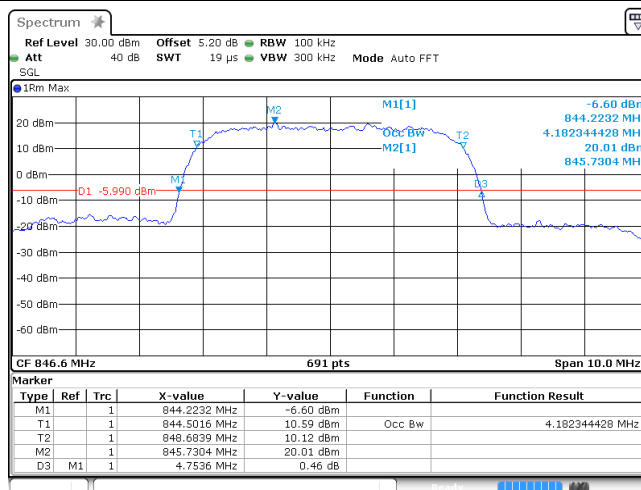
Band V_4132





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Band V_4182



Date: 12 MAY 2020 04:20:17

Band V_4233



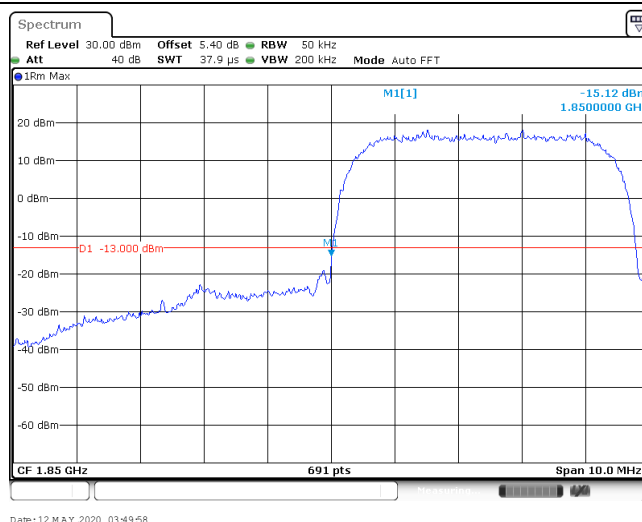
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5. Band Edge Compliance

5.1. Test Plots



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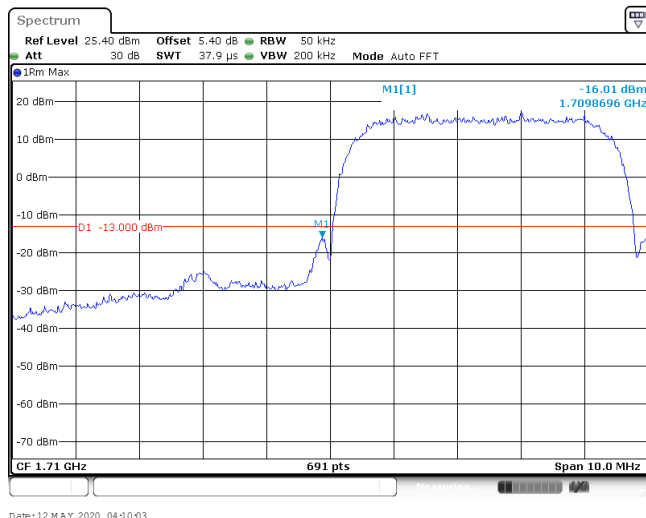
Band II_9262



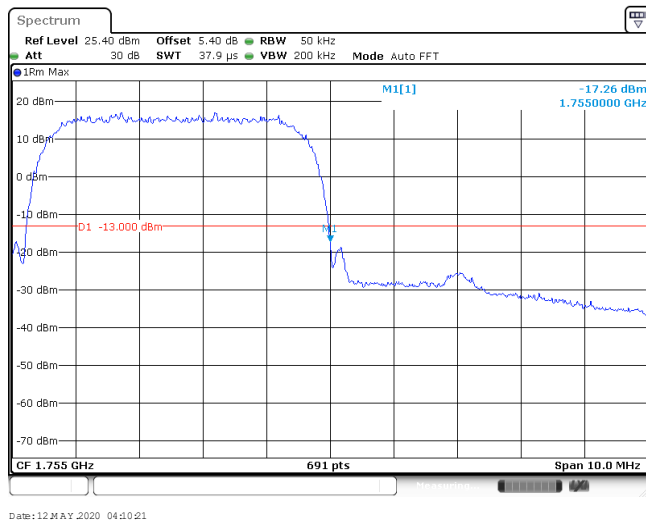
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Band II_9538





Band IV_1312



Band IV_1513

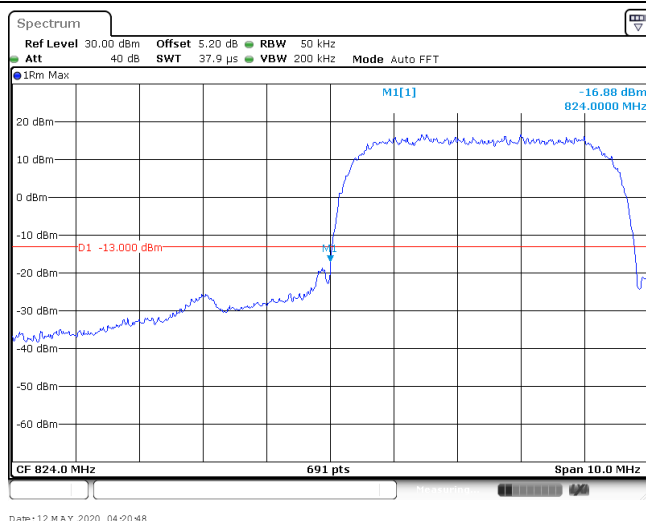


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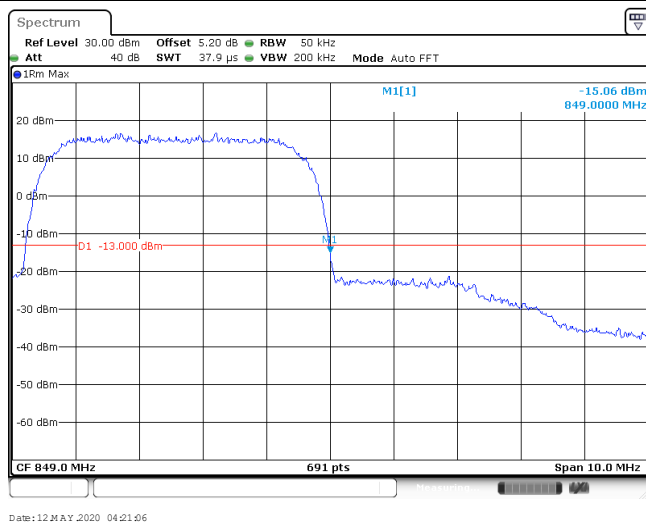
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Band V_4233



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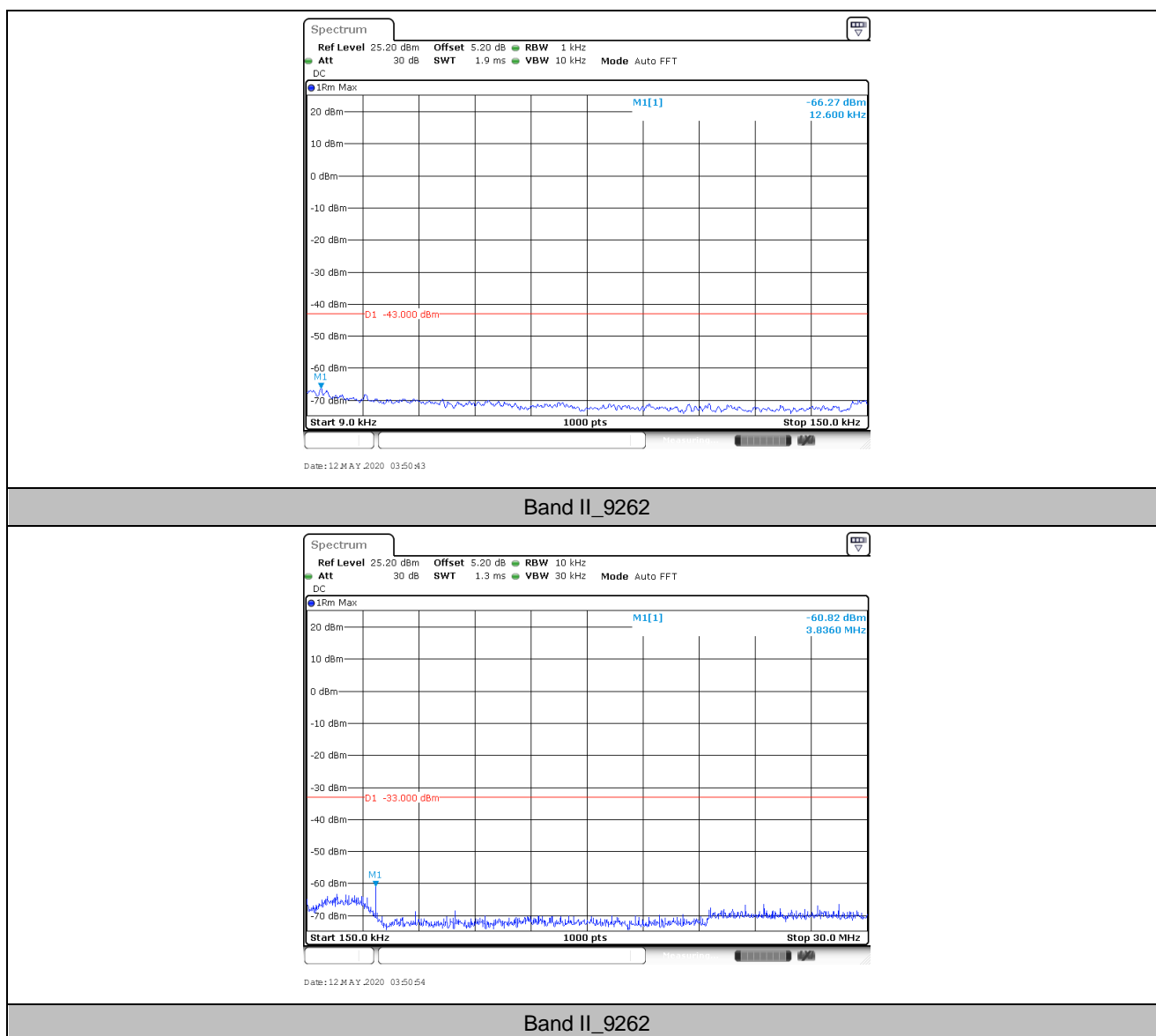
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k \cdot (\text{Span} / \text{RBW})$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

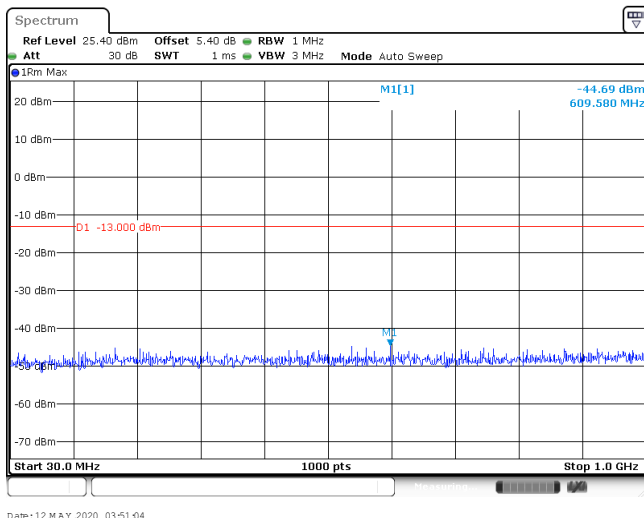


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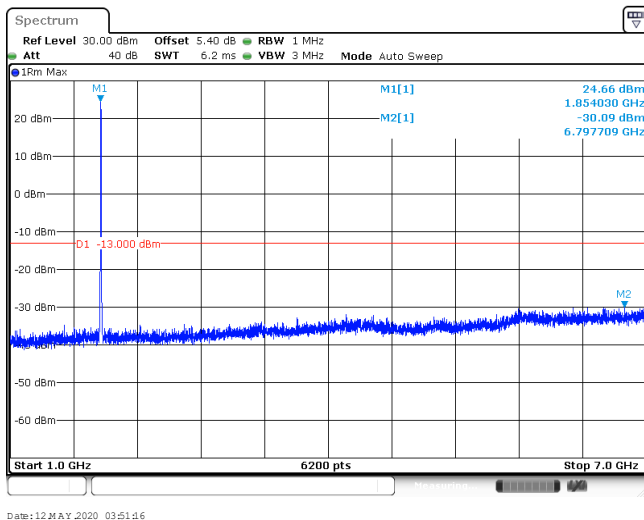
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Band II_9262

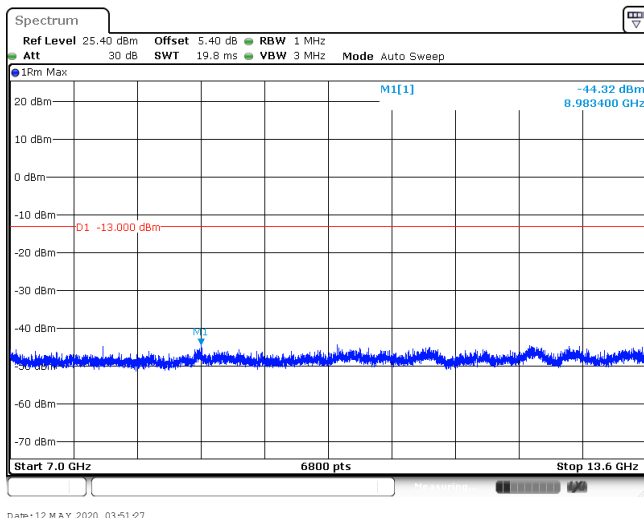


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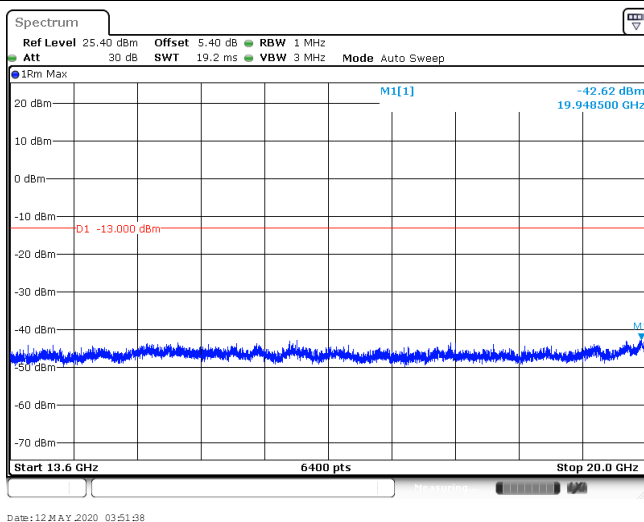


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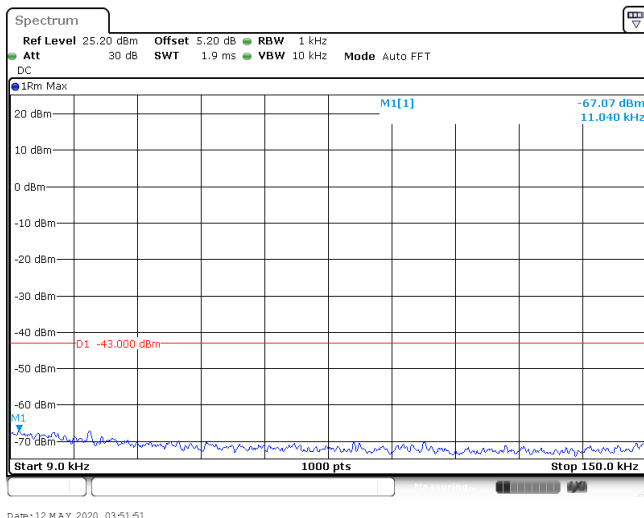


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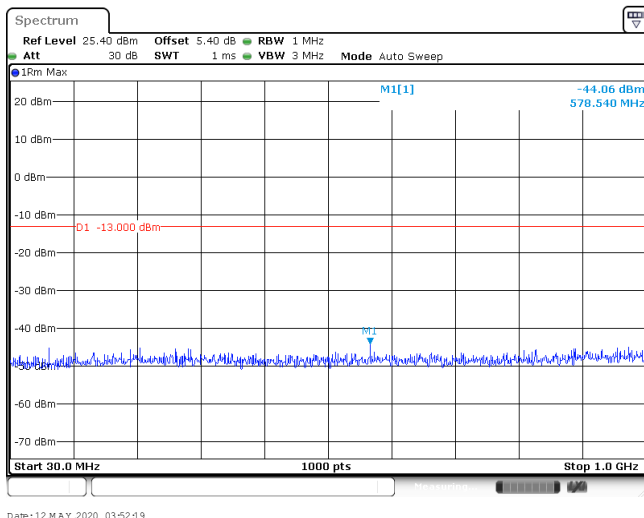


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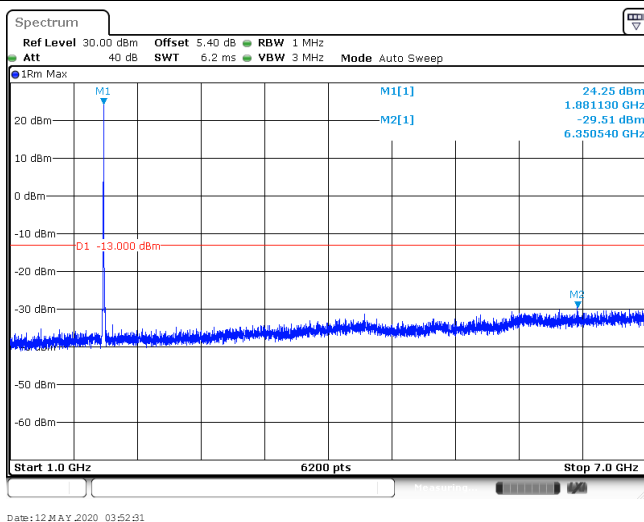


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Band II_9400

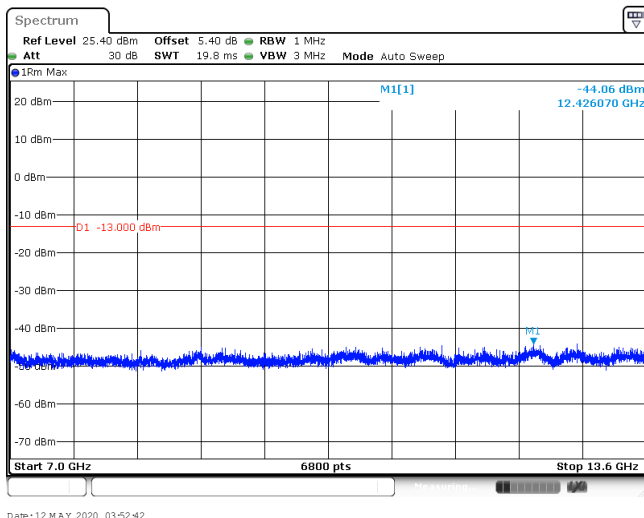


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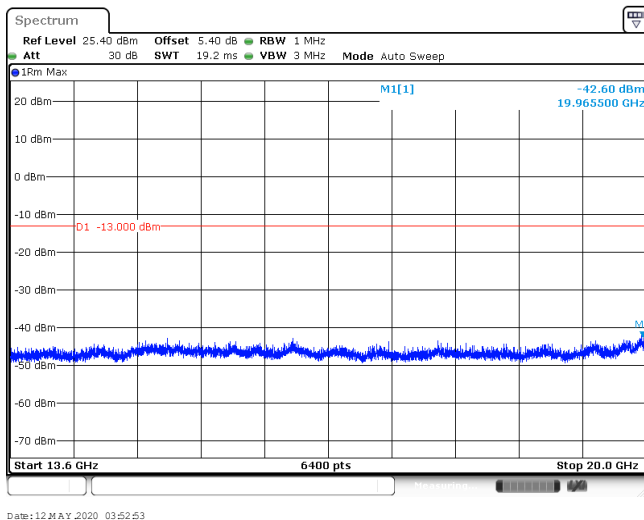
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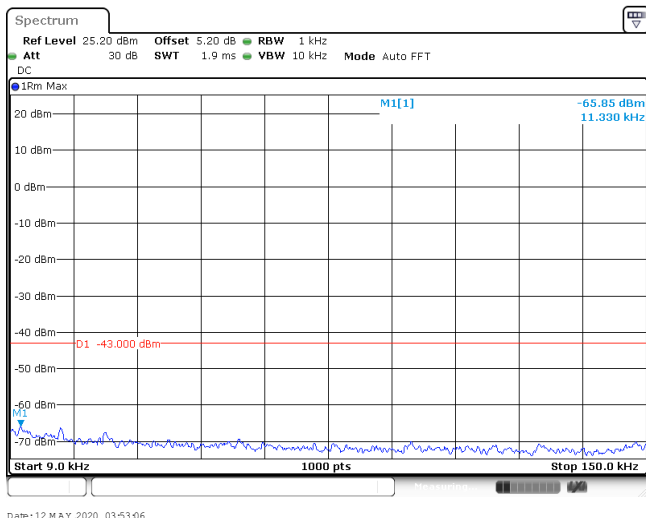


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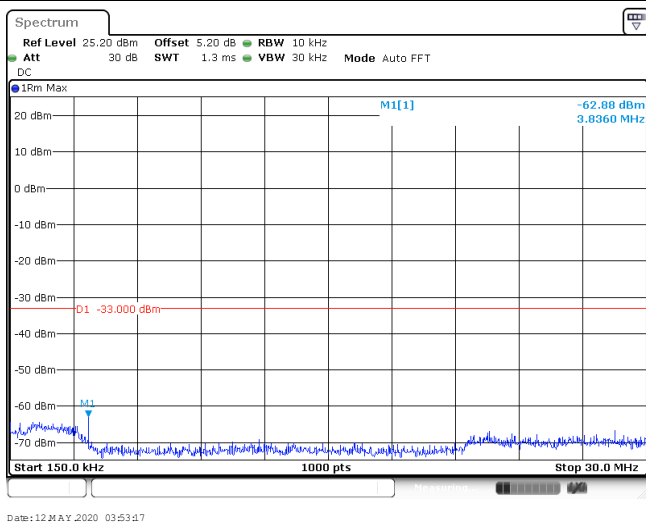


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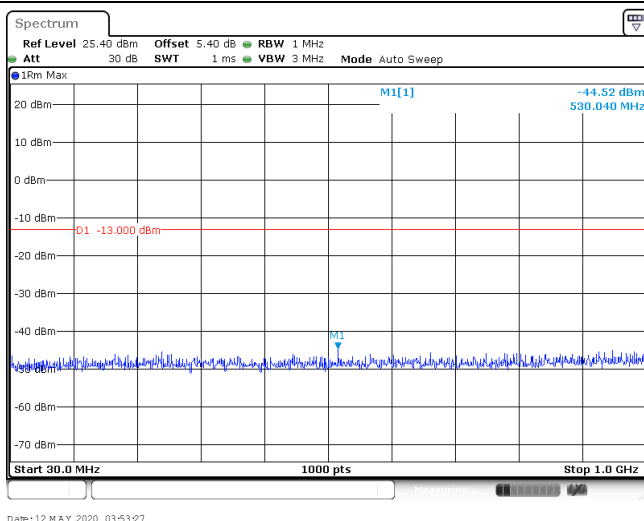


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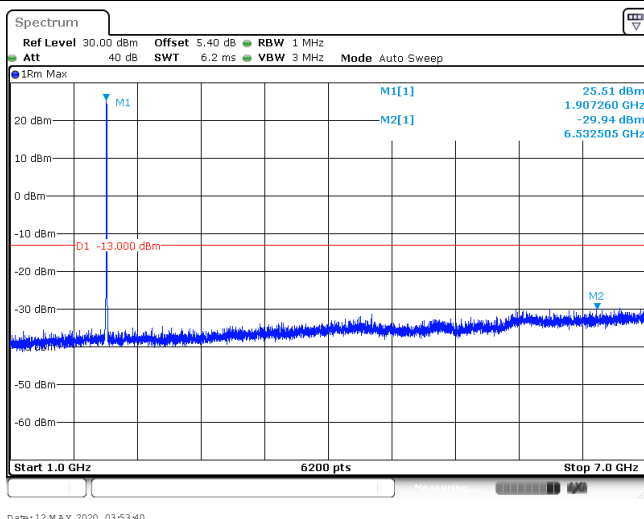
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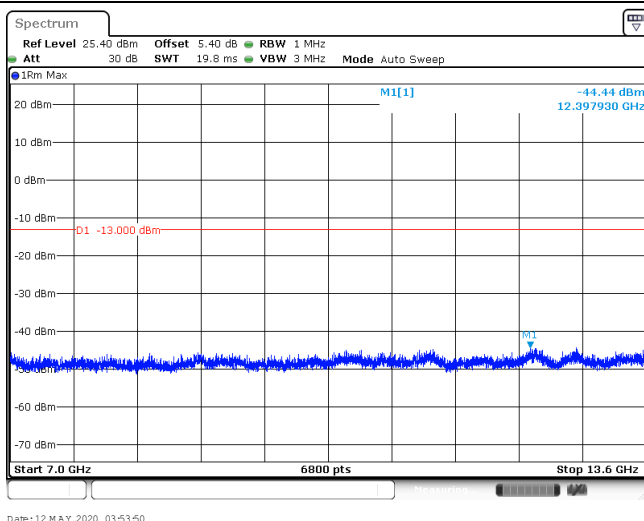
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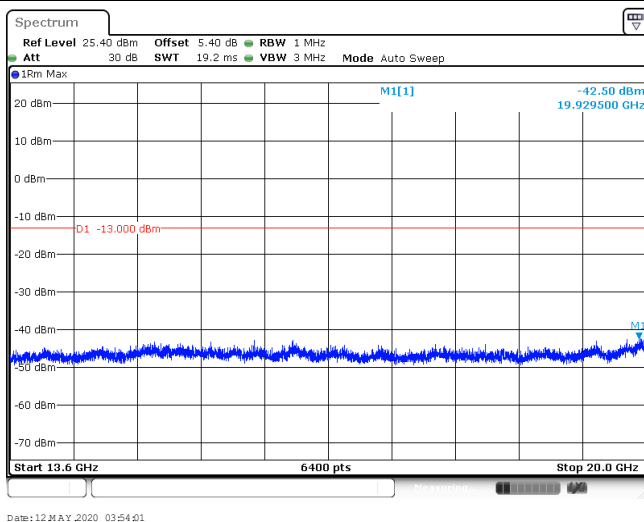


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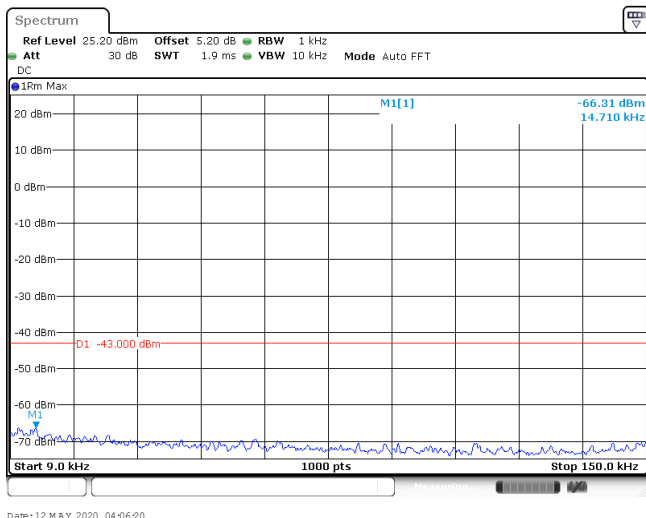


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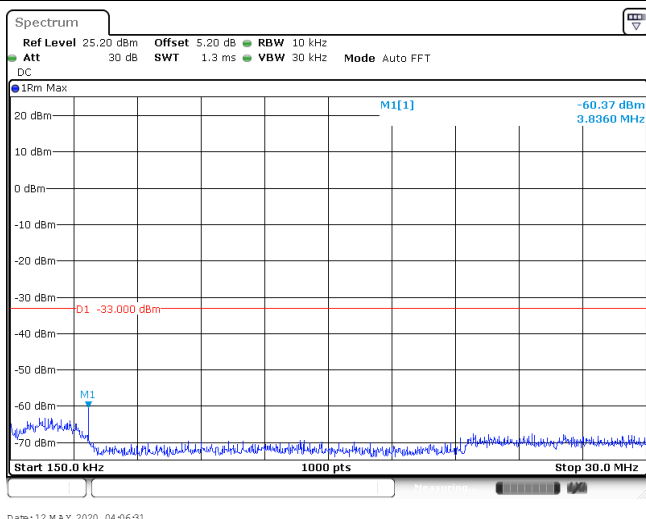


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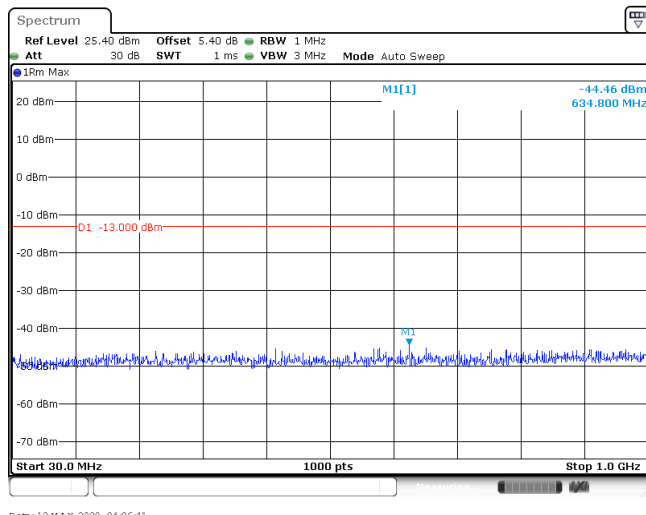


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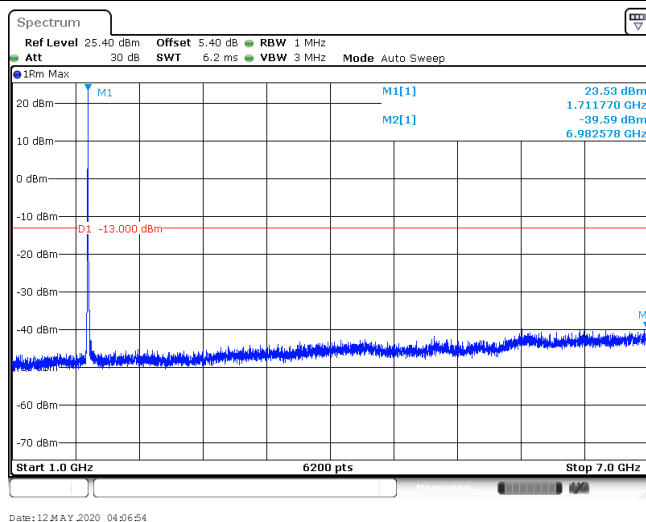


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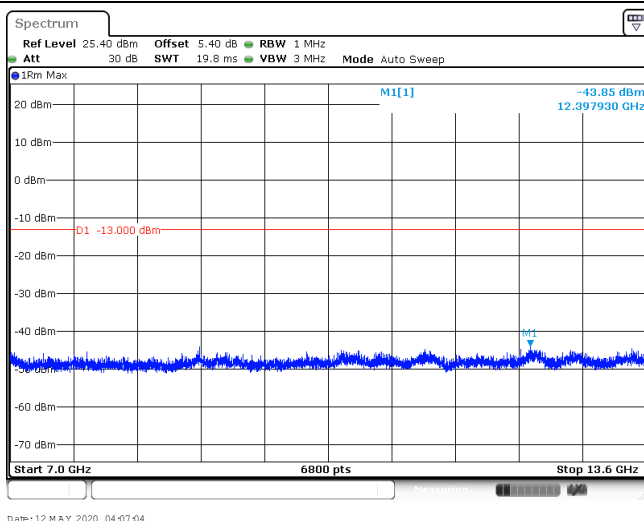


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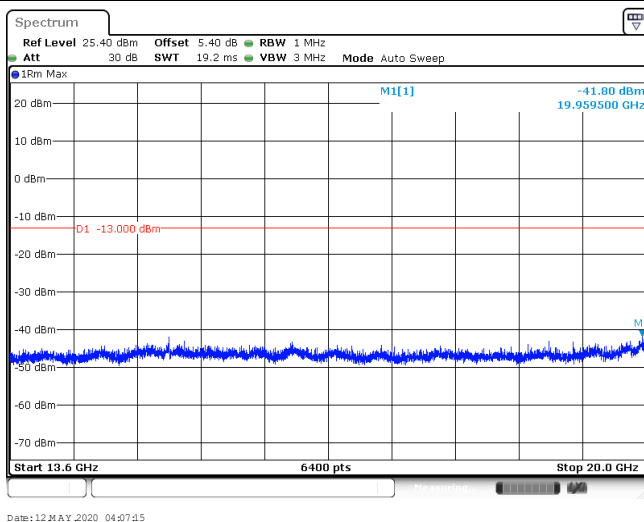


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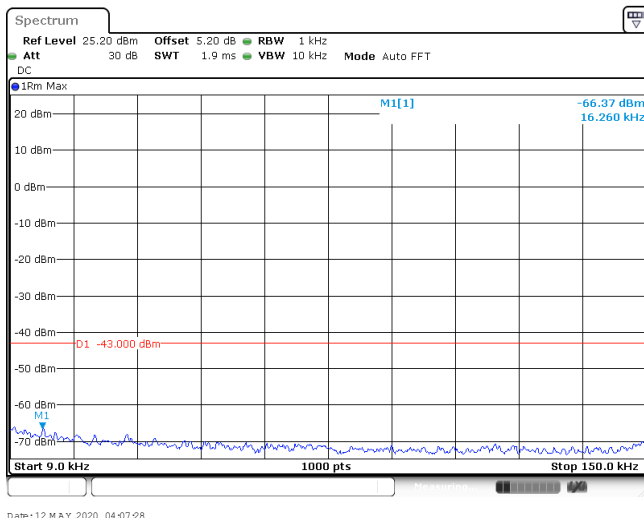


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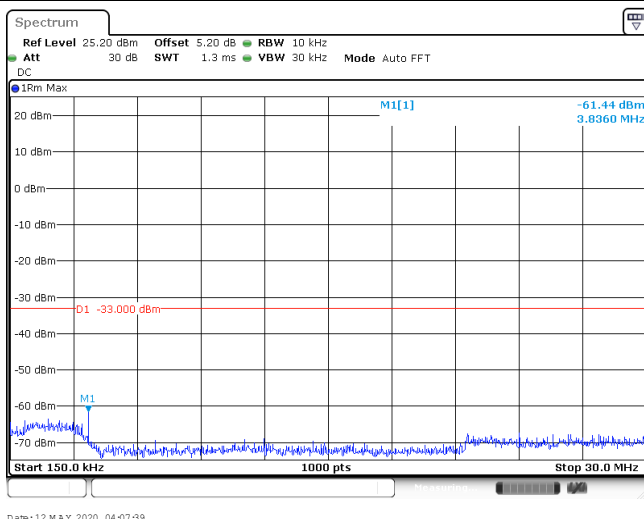


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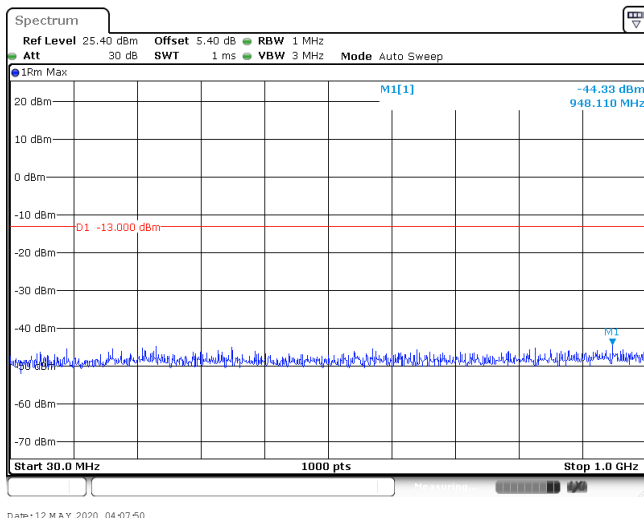


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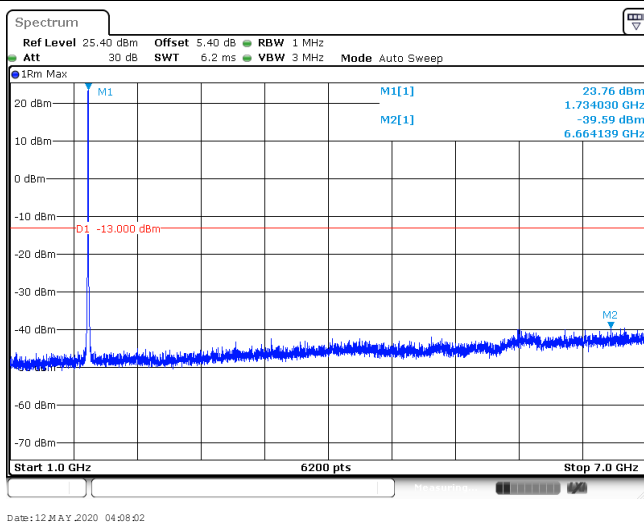


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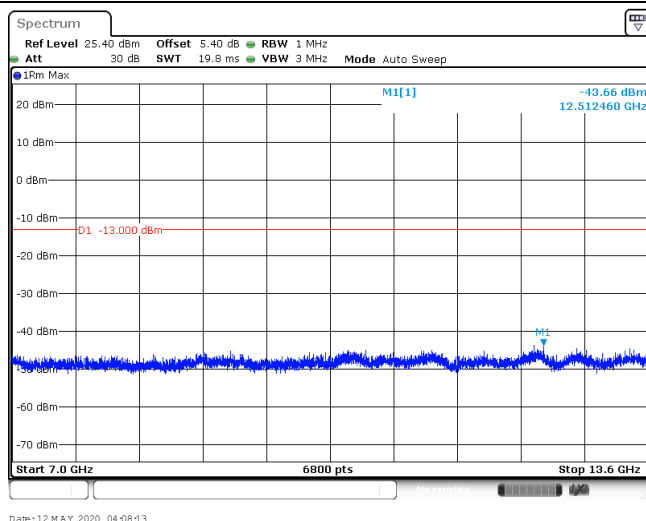


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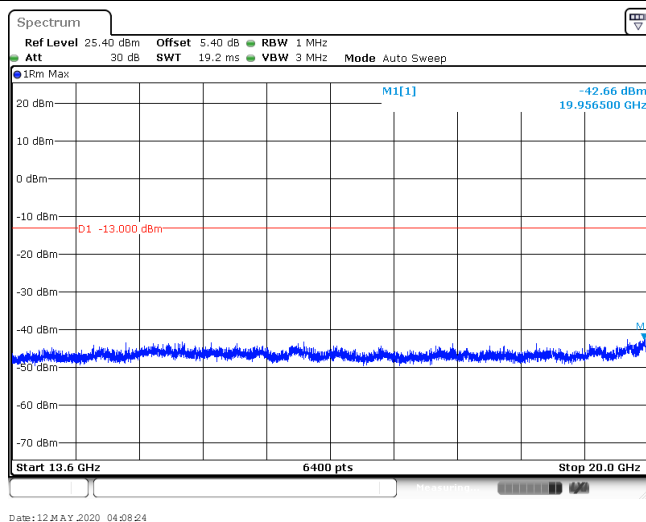


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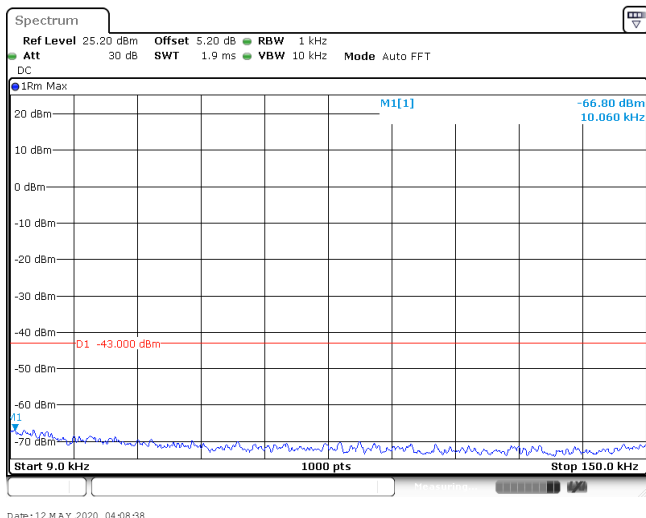


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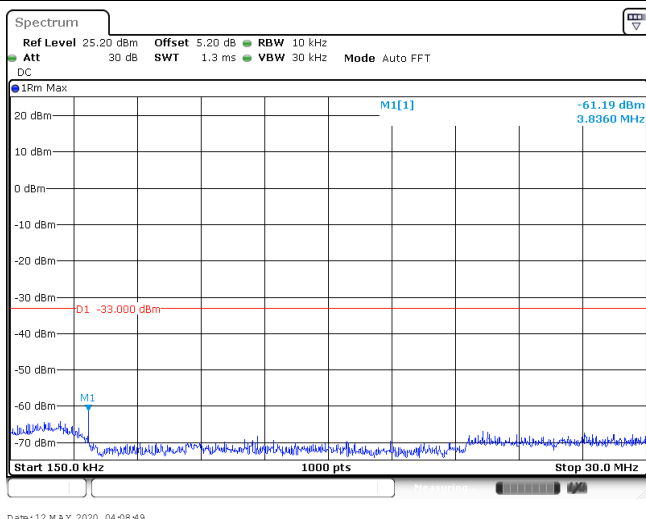


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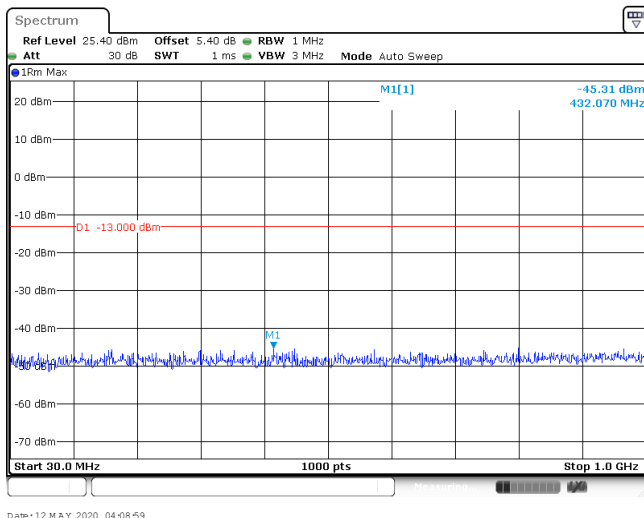


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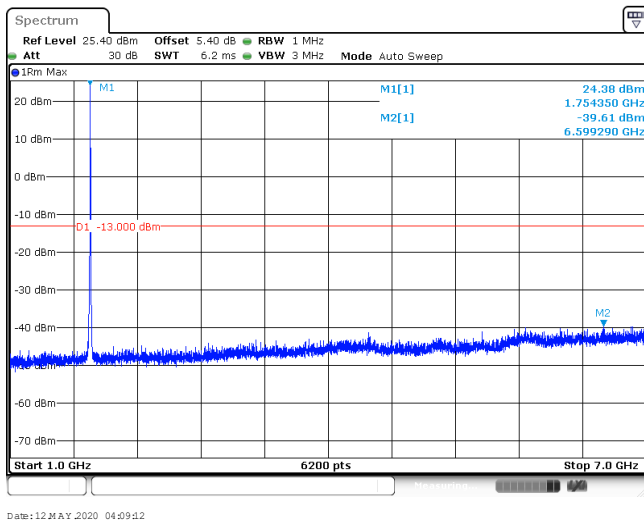


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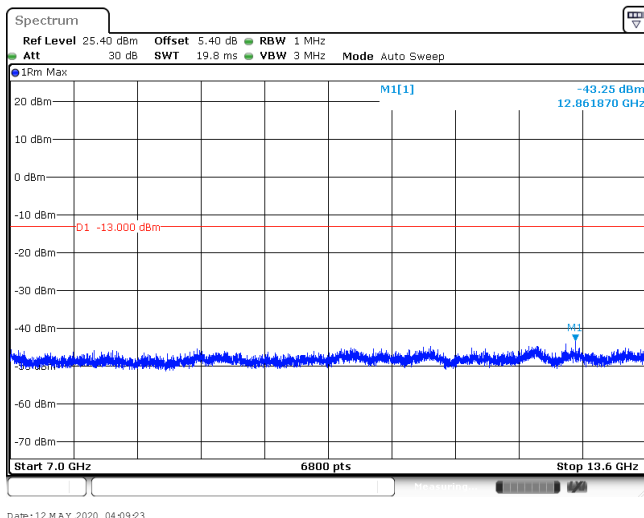


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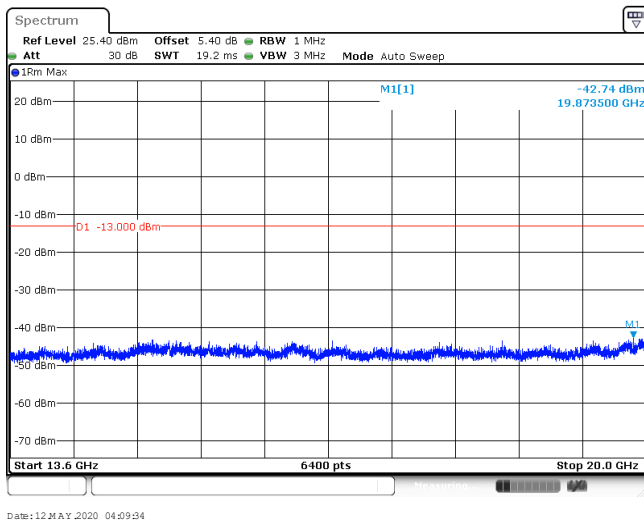
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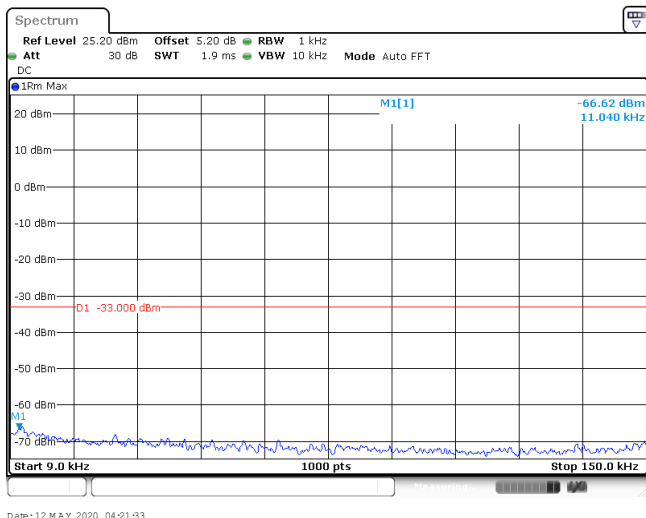
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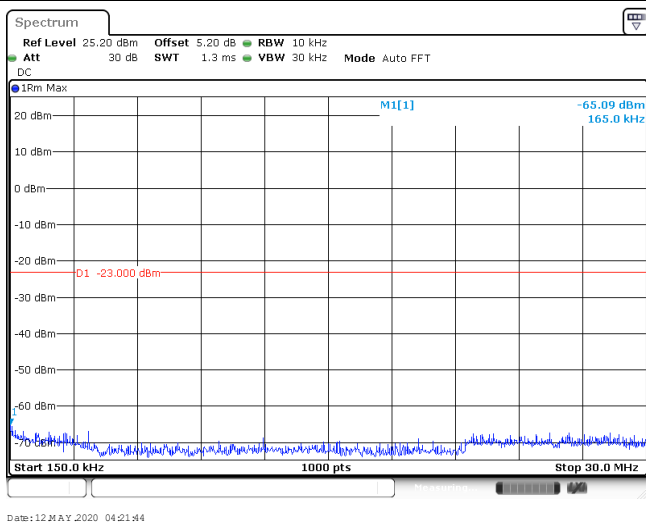
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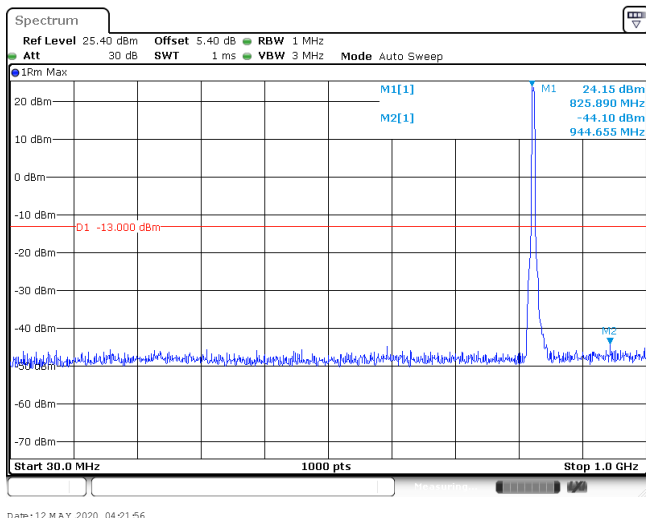


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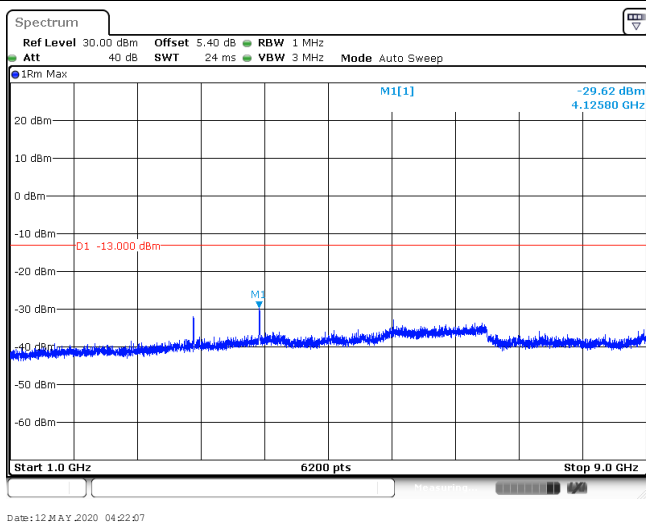


Band V_4132





Band V_4132

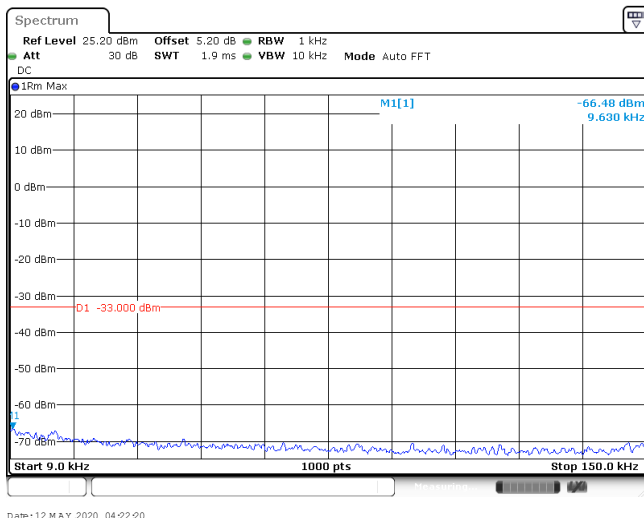


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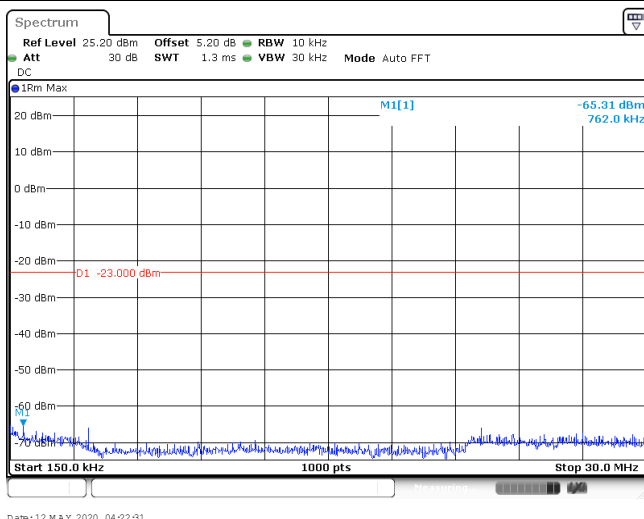


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Band V_4182

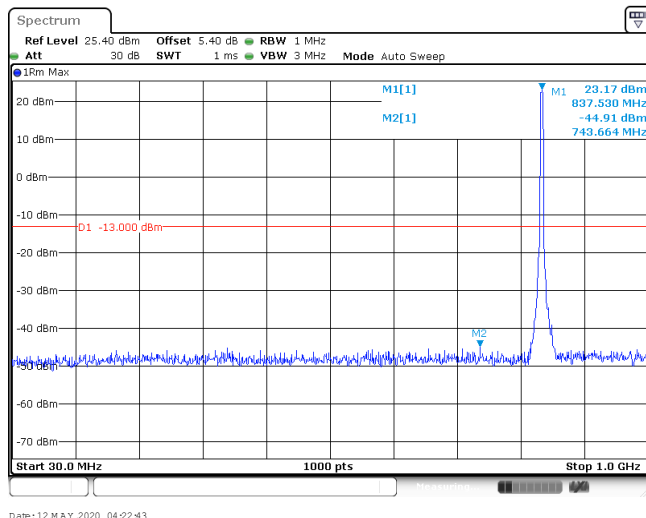


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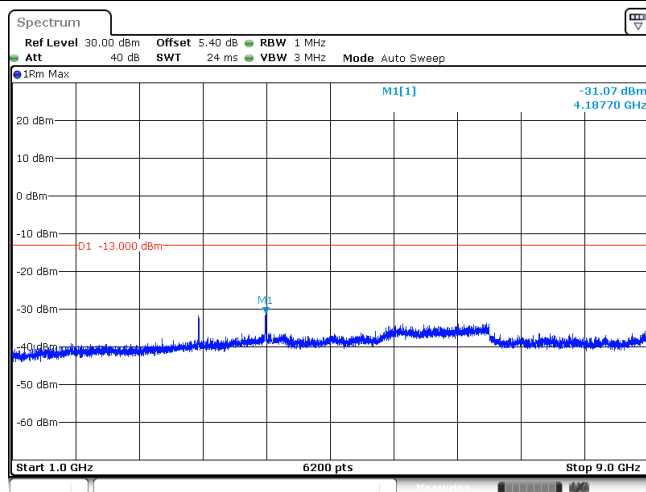
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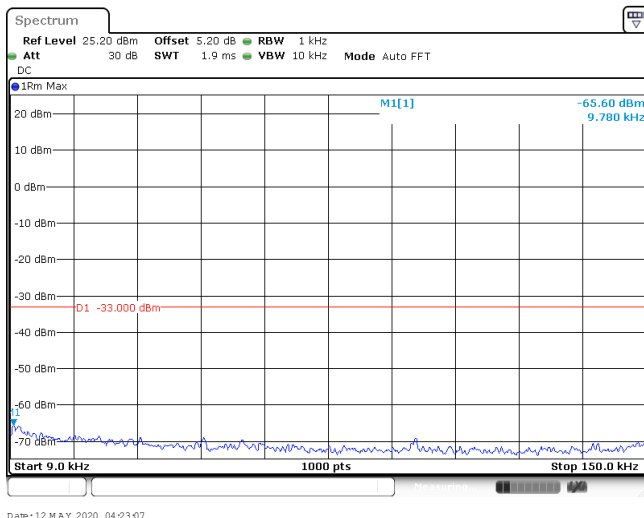
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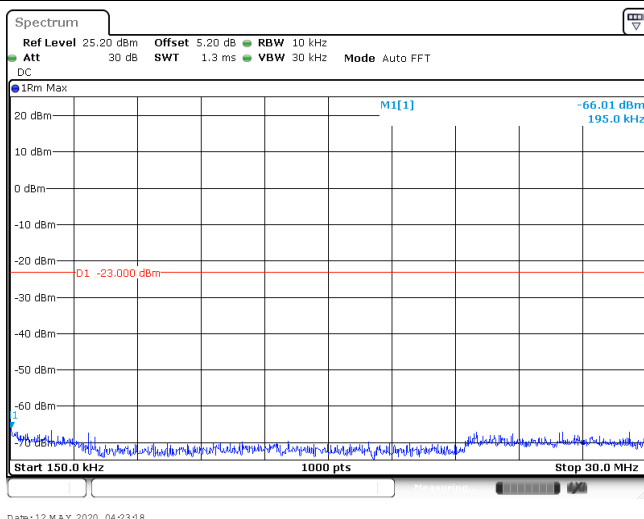
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Band V_4182





Band V_4233

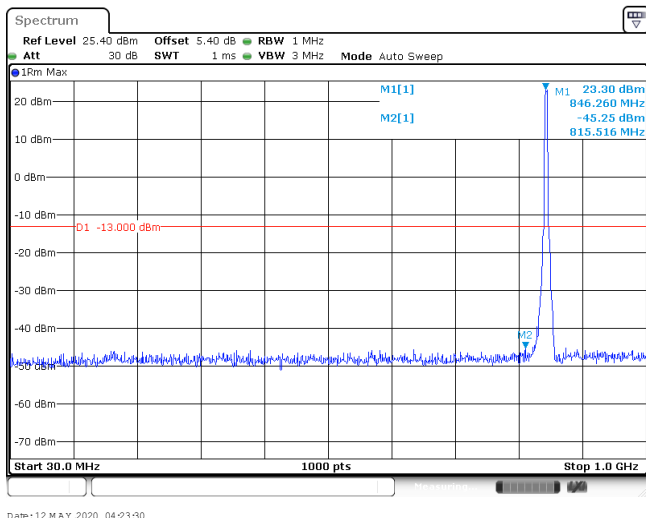


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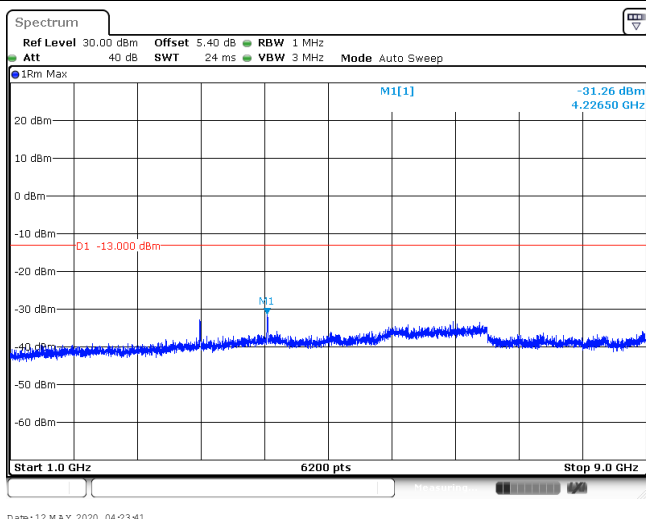


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Band V_4233



Band V_4233





7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA Band II

7.1.1. Test Mode = WCDMA/TM1

7.1.1.1. Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.700000	-79.11	-13.00	66.11	Vertical
343.750000	-83.37	-13.00	70.37	Vertical
945.412500	-75.51	-13.00	62.51	Vertical
3706.225000	-66.23	-13.00	53.23	Vertical
6823.300000	-63.02	-13.00	50.02	Vertical
11201.050000	-61.14	-13.00	48.14	Vertical
56.300000	-75.37	-13.00	62.37	Horizontal
272.150000	-85.61	-13.00	72.61	Horizontal
965.120833	-75.19	-13.00	62.19	Horizontal
3876.200000	-66.29	-13.00	53.29	Horizontal
6052.400000	-63.53	-13.00	50.53	Horizontal
9088.225000	-61.59	-13.00	48.59	Horizontal





7.1.1.2. Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.900000	-79.14	-13.00	66.14	Vertical
125.000000	-85.47	-13.00	72.47	Vertical
954.258333	-75.07	-13.00	62.07	Vertical
3757.900000	-65.47	-13.00	52.47	Vertical
5986.425000	-63.57	-13.00	50.57	Vertical
9248.125000	-61.02	-13.00	48.02	Vertical
56.900000	-75.63	-13.00	62.63	Horizontal
615.641667	-80.00	-13.00	67.00	Horizontal
955.495833	-74.84	-13.00	61.84	Horizontal
3757.575000	-65.88	-13.00	52.88	Horizontal
6018.925000	-63.17	-13.00	50.17	Horizontal
9268.925000	-60.92	-13.00	47.92	Horizontal

7.1.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.950000	-79.54	-13.00	66.54	Vertical
125.000000	-85.28	-13.00	72.28	Vertical
937.483333	-75.60	-13.00	62.60	Vertical
3817.050000	-64.48	-13.00	51.48	Vertical
6042.975000	-63.17	-13.00	50.17	Vertical
10648.225000	-60.81	-13.00	47.81	Vertical
56.700000	-75.46	-13.00	62.46	Horizontal
273.550000	-85.38	-13.00	72.38	Horizontal
955.541667	-74.70	-13.00	61.70	Horizontal
3813.475000	-63.10	-13.00	50.10	Horizontal
6126.500000	-63.58	-13.00	50.58	Horizontal
9533.800000	-61.61	-13.00	48.61	Horizontal



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7.2. Test Band = WCDMA Band IV

7.2.1. Test Mode = WCDMA/TM1

7.2.1.1. Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.500000	-79.43	-13.00	66.43	Vertical
125.000000	-84.98	-13.00	71.98	Vertical
941.287500	-75.26	-13.00	62.26	Vertical
3523.900000	-66.86	-13.00	53.86	Vertical
5133.300000	-63.37	-13.00	50.37	Vertical
9248.775000	-61.07	-13.00	48.07	Vertical
62.750000	-76.04	-13.00	63.04	Horizontal
271.650000	-84.69	-13.00	71.69	Horizontal
948.575000	-75.25	-13.00	62.25	Horizontal
3426.400000	-62.88	-13.00	49.88	Horizontal
4911.325000	-64.67	-13.00	51.67	Horizontal
7973.150000	-61.62	-13.00	48.62	Horizontal





7.2.1.2. Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.650000	-78.79	-13.00	65.79	Vertical
343.800000	-82.88	-13.00	69.88	Vertical
955.358333	-75.46	-13.00	62.46	Vertical
3493.025000	-66.87	-13.00	53.87	Vertical
5448.875000	-64.74	-13.00	51.74	Vertical
7868.500000	-61.82	-13.00	48.82	Vertical
62.200000	-75.23	-13.00	62.23	Horizontal
485.200000	-83.02	-13.00	70.02	Horizontal
955.083333	-75.04	-13.00	62.04	Horizontal
3463.775000	-62.55	-13.00	49.55	Horizontal
6027.700000	-63.57	-13.00	50.57	Horizontal
9249.425000	-60.81	-13.00	47.81	Horizontal

7.2.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.900000	-79.44	-13.00	66.44	Vertical
125.000000	-85.31	-13.00	72.31	Vertical
958.750000	-75.55	-13.00	62.55	Vertical
3728.325000	-66.62	-13.00	53.62	Vertical
5223.975000	-64.91	-13.00	51.91	Vertical
10646.925000	-60.83	-13.00	47.83	Vertical
62.350000	-75.29	-13.00	62.29	Horizontal
267.550000	-85.70	-13.00	72.70	Horizontal
962.279167	-75.09	-13.00	62.09	Horizontal
3506.675000	-66.56	-13.00	53.56	Horizontal
5091.700000	-65.00	-13.00	52.00	Horizontal
7862.650000	-61.91	-13.00	48.91	Horizontal



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7.3. Test Band = WCDMA Band V

7.3.1. Test Mode = WCDMA/TM1

7.3.1.1. Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.113333	-79.00	-13.00	66.00	Vertical
602.304167	-76.37	-13.00	63.37	Vertical
1656.500000	-64.29	-13.00	51.29	Vertical
3308.100000	-58.49	-13.00	45.49	Vertical
4135.875000	-56.26	-13.00	43.26	Vertical
9265.837500	-61.60	-13.00	48.60	Vertical
62.480000	-74.56	-13.00	61.56	Horizontal
618.575000	-75.15	-13.00	62.15	Horizontal
1648.500000	-64.48	-13.00	51.48	Horizontal
3310.050000	-56.16	-13.00	43.16	Horizontal
4136.362500	-51.52	-13.00	38.52	Horizontal
7953.975000	-61.64	-13.00	48.64	Horizontal





7.3.1.2. Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.740000	-79.13	-13.00	66.13	Vertical
606.841667	-76.81	-13.00	63.81	Vertical
1674.000000	-64.11	-13.00	51.11	Vertical
3348.562500	-56.53	-13.00	43.53	Vertical
4186.087500	-54.64	-13.00	41.64	Vertical
6042.000000	-63.58	-13.00	50.58	Vertical
62.666667	-75.57	-13.00	62.57	Horizontal
614.587500	-76.02	-13.00	63.02	Horizontal
1694.500000	-63.85	-13.00	50.85	Horizontal
3348.075000	-55.70	-13.00	42.70	Horizontal
4186.087500	-54.13	-13.00	41.13	Horizontal
7950.562500	-61.85	-13.00	48.85	Horizontal

7.3.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.020000	-79.06	-13.00	66.06	Vertical
633.425000	-76.39	-13.00	63.39	Vertical
1693.500000	-63.75	-13.00	50.75	Vertical
3383.175000	-52.41	-13.00	39.41	Vertical
4226.550000	-55.79	-13.00	42.79	Vertical
7936.912500	-62.42	-13.00	49.42	Vertical
62.246667	-75.05	-13.00	62.05	Horizontal
606.841667	-76.03	-13.00	63.03	Horizontal
1692.500000	-63.81	-13.00	50.81	Horizontal
3381.712500	-49.61	-13.00	36.61	Horizontal
4228.500000	-52.21	-13.00	39.21	Horizontal
6058.087500	-63.50	-13.00	50.50	Horizontal



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7.4. Test Band = WCDMA Band II

7.4.1. Test Mode = WCDMA/TM1

7.4.1.1. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.300000	-78.09	-13.00	65.09	Vertical
343.650000	-82.62	-13.00	69.62	Vertical
946.787500	-75.69	-13.00	62.69	Vertical
3755.300000	-66.28	-13.00	53.28	Vertical
6173.300000	-63.17	-13.00	50.17	Vertical
9734.650000	-61.48	-13.00	48.48	Vertical
55.950000	-75.46	-13.00	62.46	Horizontal
283.600000	-84.47	-13.00	71.47	Horizontal
958.429167	-73.00	-13.00	60.00	Horizontal
4335.100000	-64.71	-13.00	51.71	Horizontal
6261.700000	-63.52	-13.00	50.52	Horizontal
9254.300000	-60.75	-13.00	47.75	Horizontal





7.4.1.2. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.200000	-78.16	-13.00	65.16	Vertical
347.900000	-80.27	-13.00	67.27	Vertical
956.045833	-75.04	-13.00	62.04	Vertical
3761.475000	-66.57	-13.00	53.57	Vertical
6055.162500	-63.74	-13.00	50.74	Vertical
9277.537500	-61.90	-13.00	48.90	Vertical
62.150000	-75.23	-13.00	62.23	Horizontal
221.200000	-84.32	-13.00	71.32	Horizontal
948.437500	-74.46	-13.00	61.46	Horizontal
4311.862500	-64.70	-13.00	51.70	Horizontal
6023.962500	-63.69	-13.00	50.69	Horizontal
9249.262500	-61.38	-13.00	48.38	Horizontal

7.4.1.3. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.150000	-78.98	-13.00	65.98	Vertical
340.750000	-82.45	-13.00	69.45	Vertical
947.566667	-75.06	-13.00	62.06	Vertical
3813.150000	-65.88	-13.00	52.88	Vertical
6164.200000	-63.08	-13.00	50.08	Vertical
9711.575000	-61.84	-13.00	48.84	Vertical
63.850000	-75.56	-13.00	62.56	Horizontal
279.150000	-85.53	-13.00	72.53	Horizontal
949.720833	-75.15	-13.00	62.15	Horizontal
3752.050000	-66.64	-13.00	53.64	Horizontal
6040.700000	-63.57	-13.00	50.57	Horizontal
10655.700000	-60.80	-13.00	47.80	Horizontal



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7.5. Test Band = WCDMA Band IV

7.5.1. Test Mode = WCDMA/TM1

7.5.1.1. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.800000	-79.54	-13.00	66.54	Vertical
125.000000	-84.92	-13.00	71.92	Vertical
951.416667	-75.61	-13.00	62.61	Vertical
4421.550000	-65.09	-13.00	52.09	Vertical
6165.825000	-63.09	-13.00	50.09	Vertical
10282.275000	-61.43	-13.00	48.43	Vertical
56.050000	-75.97	-13.00	62.97	Horizontal
280.900000	-84.96	-13.00	71.96	Horizontal
965.212500	-74.79	-13.00	61.79	Horizontal
3568.750000	-66.66	-13.00	53.66	Horizontal
6022.825000	-63.15	-13.00	50.15	Horizontal
10062.250000	-61.38	-13.00	48.38	Horizontal





7.5.1.2. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.800000	-79.56	-13.00	66.56	Vertical
344.300000	-82.25	-13.00	69.25	Vertical
935.695833	-75.59	-13.00	62.59	Vertical
3798.525000	-66.31	-13.00	53.31	Vertical
5940.275000	-63.89	-13.00	50.89	Vertical
8646.225000	-61.53	-13.00	48.53	Vertical
63.150000	-75.12	-13.00	62.12	Horizontal
456.645833	-83.33	-13.00	70.33	Horizontal
975.570833	-74.87	-13.00	61.87	Horizontal
3487.825000	-67.03	-13.00	54.03	Horizontal
6167.450000	-63.47	-13.00	50.47	Horizontal
10622.550000	-60.82	-13.00	47.82	Horizontal

7.5.1.3. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.400000	-79.21	-13.00	66.21	Vertical
353.200000	-82.52	-13.00	69.52	Vertical
943.441667	-75.21	-13.00	62.21	Vertical
3479.050000	-66.95	-13.00	53.95	Vertical
5813.200000	-64.19	-13.00	51.19	Vertical
9232.850000	-61.19	-13.00	48.19	Vertical
62.250000	-75.92	-13.00	62.92	Horizontal
273.450000	-85.24	-13.00	72.24	Horizontal
947.520833	-74.41	-13.00	61.41	Horizontal
3553.475000	-66.48	-13.00	53.48	Horizontal
6018.600000	-63.27	-13.00	50.27	Horizontal
9090.500000	-61.30	-13.00	48.30	Horizontal



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7.6. Test Band = WCDMA Band V

7.6.1. Test Mode = WCDMA/TM1

7.6.1.1. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.460000	-79.13	-13.00	66.13	Vertical
613.854167	-76.72	-13.00	63.72	Vertical
1654.500000	-64.37	-13.00	51.37	Vertical
3302.737500	-53.12	-13.00	40.12	Vertical
4127.100000	-45.28	-13.00	32.28	Vertical
7821.375000	-62.42	-13.00	49.42	Vertical
62.713333	-74.91	-13.00	61.91	Horizontal
617.383333	-75.28	-13.00	62.28	Horizontal
1659.000000	-64.32	-13.00	51.32	Horizontal
3308.587500	-54.95	-13.00	41.95	Horizontal
4127.587500	-43.35	-13.00	30.35	Horizontal
6040.050000	-63.90	-13.00	50.90	Horizontal





7.6.1.2. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.320000	-79.15	-13.00	66.15	Vertical
615.550000	-76.65	-13.00	63.65	Vertical
1676.000000	-64.25	-13.00	51.25	Vertical
3350.512500	-52.91	-13.00	39.91	Vertical
4186.575000	-45.76	-13.00	32.76	Vertical
6048.337500	-63.47	-13.00	50.47	Vertical
57.393333	-74.46	-13.00	61.46	Horizontal
620.454167	-75.61	-13.00	62.61	Horizontal
1660.000000	-64.34	-13.00	51.34	Horizontal
3350.512500	-53.97	-13.00	40.97	Horizontal
4186.087500	-44.08	-13.00	31.08	Horizontal
6132.187500	-63.57	-13.00	50.57	Horizontal

7.6.1.3. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.880000	-79.07	-13.00	66.07	Vertical
627.695833	-76.77	-13.00	63.77	Vertical
1685.500000	-63.99	-13.00	50.99	Vertical
3381.225000	-53.84	-13.00	40.84	Vertical
4228.500000	-49.82	-13.00	36.82	Vertical
6062.475000	-63.59	-13.00	50.59	Vertical
62.993333	-75.45	-13.00	62.45	Horizontal
611.195833	-75.49	-13.00	62.49	Horizontal
1687.000000	-64.05	-13.00	51.05	Horizontal
3381.712500	-55.70	-13.00	42.70	Horizontal
4227.037500	-46.60	-13.00	33.60	Horizontal
6049.800000	-63.44	-13.00	50.44	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions



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that are attenuated more than 20 dB below the applicable limit are not required to be reported.

- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	TN	11.69	0.006309	±2.5	PASS
Band II	9262	VN	TN	11.31	0.006105	±2.5	PASS
Band II	9262	VH	TN	11.49	0.006205	±2.5	PASS
Band II	9400	VL	TN	12.16	0.006468	±2.5	PASS
Band II	9400	VN	TN	12.67	0.006742	±2.5	PASS
Band II	9400	VH	TN	11.86	0.006308	±2.5	PASS
Band II	9538	VL	TN	8.13	0.004259	±2.5	PASS
Band II	9538	VN	TN	8.95	0.004691	±2.5	PASS
Band II	9538	VH	TN	9.39	0.004923	±2.5	PASS
Band IV	1312	VL	TN	3.06	0.001788	±2.5	PASS
Band IV	1312	VN	TN	6.27	0.003659	±2.5	PASS
Band IV	1312	VH	TN	3.88	0.002264	±2.5	PASS
Band IV	1413	VL	TN	5.61	0.003241	±2.5	PASS
Band IV	1413	VN	TN	5.38	0.003104	±2.5	PASS
Band IV	1413	VH	TN	6.33	0.003653	±2.5	PASS
Band IV	1513	VL	TN	1.75	0.001000	±2.5	PASS
Band IV	1513	VN	TN	2.61	0.001490	±2.5	PASS
Band IV	1513	VH	TN	2.22	0.001265	±2.5	PASS
Band V	4132	VL	TN	-0.69	-0.000831	±2.5	PASS
Band V	4132	VN	TN	-1.58	-0.001913	±2.5	PASS
Band V	4132	VH	TN	-0.21	-0.000260	±2.5	PASS
Band V	4182	VL	TN	-0.11	-0.000128	±2.5	PASS
Band V	4182	VN	TN	-0.34	-0.000402	±2.5	PASS
Band V	4182	VH	TN	-0.21	-0.000248	±2.5	PASS
Band V	4233	VL	TN	-0.36	-0.000431	±2.5	PASS
Band V	4233	VN	TN	0.05	0.000059	±2.5	PASS
Band V	4233	VH	TN	-1.04	-0.001233	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VN	-30	9.78	0.005282	±2.5	PASS
Band II	9262	VN	-20	11.94	0.006444	±2.5	PASS
Band II	9262	VN	-10	11.77	0.006356	±2.5	PASS
Band II	9262	VN	0	12.59	0.006796	±2.5	PASS
Band II	9262	VN	10	9.27	0.005004	±2.5	PASS
Band II	9262	VN	20	11.71	0.006321	±2.5	PASS
Band II	9262	VN	30	11.30	0.006101	±2.5	PASS
Band II	9262	VN	40	11.22	0.006058	±2.5	PASS
Band II	9262	VN	50	11.42	0.006166	±2.5	PASS
Band II	9400	VN	-30	11.54	0.006141	±2.5	PASS
Band II	9400	VN	-20	12.84	0.006829	±2.5	PASS
Band II	9400	VN	-10	11.89	0.006327	±2.5	PASS
Band II	9400	VN	0	11.17	0.005943	±2.5	PASS
Band II	9400	VN	10	11.06	0.005882	±2.5	PASS
Band II	9400	VN	20	13.04	0.006936	±2.5	PASS
Band II	9400	VN	30	12.39	0.006589	±2.5	PASS
Band II	9400	VN	40	11.82	0.006289	±2.5	PASS
Band II	9400	VN	50	11.87	0.006316	±2.5	PASS
Band II	9538	VN	-30	9.93	0.005208	±2.5	PASS
Band II	9538	VN	-20	8.03	0.004207	±2.5	PASS
Band II	9538	VN	-10	10.59	0.005553	±2.5	PASS
Band II	9538	VN	0	9.58	0.005021	±2.5	PASS
Band II	9538	VN	10	9.51	0.004987	±2.5	PASS
Band II	9538	VN	20	10.01	0.005246	±2.5	PASS
Band II	9538	VN	30	9.03	0.004732	±2.5	PASS
Band II	9538	VN	40	9.52	0.004991	±2.5	PASS
Band II	9538	VN	50	9.58	0.005021	±2.5	PASS
Band IV	1312	VN	-30	2.77	0.001616	±2.5	PASS
Band IV	1312	VN	-20	6.12	0.003571	±2.5	PASS
Band IV	1312	VN	-10	5.29	0.003091	±2.5	PASS
Band IV	1312	VN	0	5.49	0.003204	±2.5	PASS
Band IV	1312	VN	10	7.41	0.004327	±2.5	PASS
Band IV	1312	VN	20	4.49	0.002623	±2.5	PASS
Band IV	1312	VN	30	6.08	0.003550	±2.5	PASS
Band IV	1312	VN	40	4.29	0.002506	±2.5	PASS
Band IV	1312	VN	50	5.16	0.003012	±2.5	PASS
Band IV	1413	VN	-30	5.02	0.002898	±2.5	PASS
Band IV	1413	VN	-20	5.87	0.003389	±2.5	PASS
Band IV	1413	VN	-10	6.26	0.003612	±2.5	PASS
Band IV	1413	VN	0	5.14	0.002968	±2.5	PASS
Band IV	1413	VN	10	5.14	0.002964	±2.5	PASS
Band IV	1413	VN	20	6.32	0.003645	±2.5	PASS



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Band IV	1413	VN	30	6.59	0.003806	±2.5	PASS
Band IV	1413	VN	40	5.74	0.003315	±2.5	PASS
Band IV	1413	VN	50	6.07	0.003501	±2.5	PASS
Band IV	1513	VN	-30	1.30	0.000743	±2.5	PASS
Band IV	1513	VN	-20	1.55	0.000886	±2.5	PASS
Band IV	1513	VN	-10	1.42	0.000808	±2.5	PASS
Band IV	1513	VN	0	1.34	0.000767	±2.5	PASS
Band IV	1513	VN	10	2.17	0.001241	±2.5	PASS
Band IV	1513	VN	20	1.83	0.001045	±2.5	PASS
Band IV	1513	VN	30	1.26	0.000718	±2.5	PASS
Band IV	1513	VN	40	0.89	0.000510	±2.5	PASS
Band IV	1513	VN	50	1.75	0.000996	±2.5	PASS
Band V	4132	VN	-30	-0.06	-0.000078	±2.5	PASS
Band V	4132	VN	-20	-0.63	-0.000762	±2.5	PASS
Band V	4132	VN	-10	0.01	0.000009	±2.5	PASS
Band V	4132	VN	0	-0.21	-0.000251	±2.5	PASS
Band V	4132	VN	10	-1.04	-0.001255	±2.5	PASS
Band V	4132	VN	20	-0.71	-0.000857	±2.5	PASS
Band V	4132	VN	30	0.06	0.000069	±2.5	PASS
Band V	4132	VN	40	-0.19	-0.000234	±2.5	PASS
Band V	4132	VN	50	-0.11	-0.000138	±2.5	PASS
Band V	4182	VN	-30	0.84	0.001001	±2.5	PASS
Band V	4182	VN	-20	0.65	0.000778	±2.5	PASS
Band V	4182	VN	-10	-0.17	-0.000205	±2.5	PASS
Band V	4182	VN	0	0.45	0.000539	±2.5	PASS
Band V	4182	VN	10	-0.64	-0.000761	±2.5	PASS
Band V	4182	VN	20	-0.04	-0.000051	±2.5	PASS
Band V	4182	VN	30	-0.26	-0.000308	±2.5	PASS
Band V	4182	VN	40	-0.25	-0.000299	±2.5	PASS
Band V	4182	VN	50	0.27	0.000325	±2.5	PASS
Band V	4233	VN	-30	-0.73	-0.000862	±2.5	PASS
Band V	4233	VN	-20	-0.92	-0.001090	±2.5	PASS
Band V	4233	VN	-10	-1.09	-0.001284	±2.5	PASS
Band V	4233	VN	0	-0.53	-0.000625	±2.5	PASS
Band V	4233	VN	10	-0.73	-0.000862	±2.5	PASS
Band V	4233	VN	20	-0.74	-0.000870	±2.5	PASS
Band V	4233	VN	30	-0.33	-0.000389	±2.5	PASS
Band V	4233	VN	40	-0.74	-0.000879	±2.5	PASS
Band V	4233	VN	50	-1.04	-0.001225	±2.5	PASS

The End



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