

Appendix B

WCDMA Band II & IV & V



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CONTENT

1.	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT.....	4
2.	PEAK-TO-AVERAGE RATIO(CCDF).....	5
2.1.	TEST RESULT.....	5
2.2.	TEST PLOTS	5
3.	MODULATION CHARACTERISTICS.....	10
3.1.	TEST BAND = WCDMA BAND II	10
3.1.1.	TEST MODE = UMTS/TM1	10
3.1.1.1.	TEST CHANNEL = MCH	10
3.2.	TEST BAND = WCDMA BAND IV.....	11
3.2.1.	TEST MODE = UMTS/TM1	11
3.2.1.1.	TEST CHANNEL = MCH	11
3.3.	TEST BAND = WCDMA BAND V.....	12
3.3.1.	TEST MODE = UMTS/TM1	12
3.3.1.1.	TEST CHANNEL = MCH	12
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	13
4.1.	TEST RESULT.....	13
4.2.	TEST PLOTS	13
5.	BAND EDGE COMPLIANCE	18
5.1.	TEST PLOTS	18
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	22
6.1.	TEST PLOTS	22
7.	FIELD STRENGTH OF SPURIOUS RADIATION	32
7.1.	Test Band = WCDMA_ II _ TM1.....	32
7.1.1.	Test Channel = Low Channel.....	32
7.2.	Test Band = WCDMA_ II _ TM1.....	33
7.2.1.	Test Channel = Low Channel.....	33
7.3.	Test Band = WCDMA_ II _ TM1.....	34



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7.3.1.	Test Channel = Mid Channel.....	34
7.4.	Test Band = WCDMA_ II _ TM1.....	35
7.4.1.	Test Channel = Mid Channel.....	35
7.5.	Test Band = WCDMA_ II _ TM1.....	36
7.5.1.	Test Channel = High Channel	36
7.6.	Test Band = WCDMA_ II _ TM1.....	37
7.6.1.	Test Channel = High Channel	37
7.7.	Test Band = WCDMA_ IV _ TM1	38
7.7.1.	Test Channel = Low Channel	38
7.8.	Test Band = WCDMA_ IV _ TM1	39
7.8.1.	Test Channel = Low Channel	39
7.9.	Test Band = WCDMA_ IV _ TM1	40
7.9.1.	Test Channel = Mid Channel.....	40
7.10.	Test Band = WCDMA_ IV _ TM1.....	41
7.10.1.	Test Channel = Mid Channel	41
7.11.	Test Band = WCDMA_ IV _ TM1.....	42
7.11.1.	Test Channel = High Channel.....	42
7.12.	Test Band = WCDMA_ IV _ TM1.....	43
7.12.1.	Test Channel = High Channel.....	43
7.13.	TEST BAND = WCDMA BAND V	44
7.13.1.	TEST MODE =WCDMA/TM1.....	44
7.13.1.1.	TEST CHANNEL = LCH	44
7.13.1.2.	TEST CHANNEL = MCH	45
7.13.1.3.	TEST CHANNEL = HCH.....	45
8.	FREQUENCY STABILITY	47
8.1.	FREQUENCY VS VOLTAGE	47
8.2.	FREQUENCY VS TEMPERATURE	48



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	21.58	22.91	33.00	PASS
Band II	9400	21.55	22.88	33.00	PASS
Band II	9538	21.57	22.9	33.00	PASS
Band IV	1312	21.54	22.5	30.00	PASS
Band IV	1413	21.46	22.42	30.00	PASS
Band IV	1513	21.50	22.46	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.12	21.5	38.45	PASS
Band V	4182	23.04	21.42	38.45	PASS
Band V	4233	23.02	21.4	38.45	PASS

Remark:

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

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

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



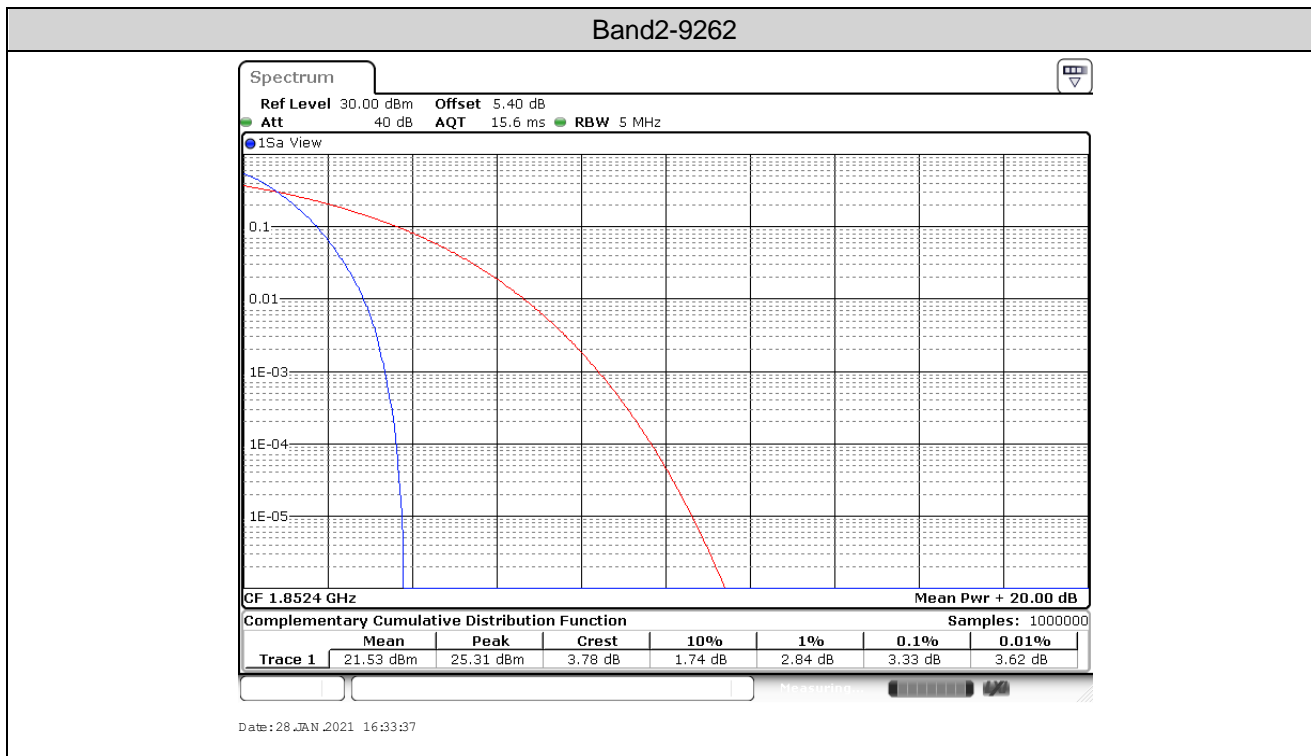
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2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

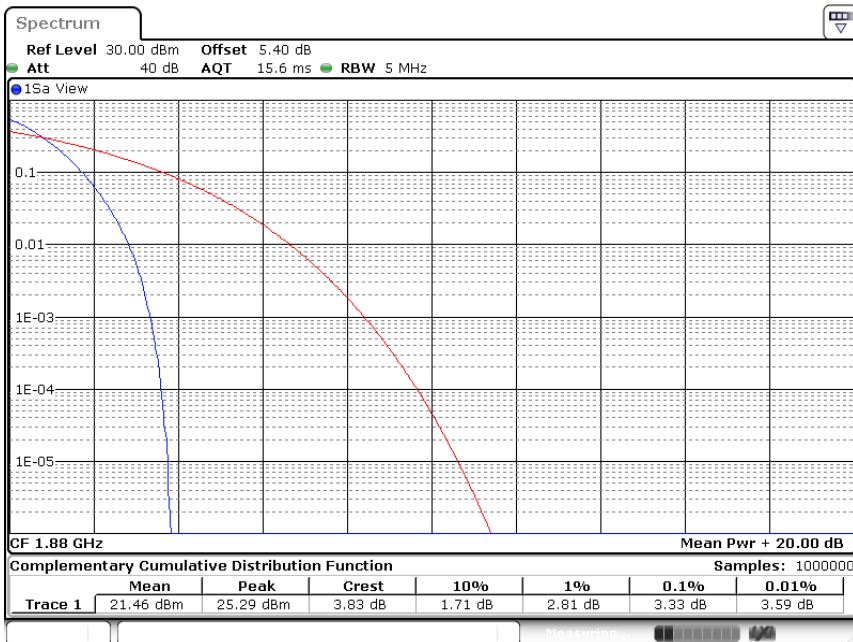
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.33	13	PASS
Band2	9400	3.33	13	PASS
Band2	9538	3.3	13	PASS
Band4	1312	3.39	13	PASS
Band4	1413	3.39	13	PASS
Band4	1513	3.33	13	PASS
Band5	4132	3.07	13	PASS
Band5	4182	3.13	13	PASS
Band5	4233	3.13	13	PASS

2.2. Test Plots



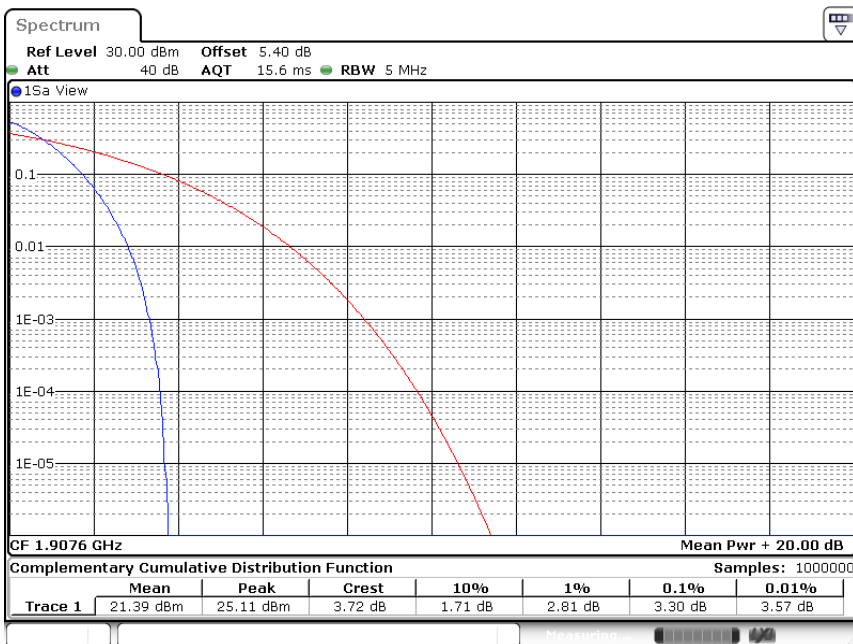
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Band2-9400



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Band2-9538

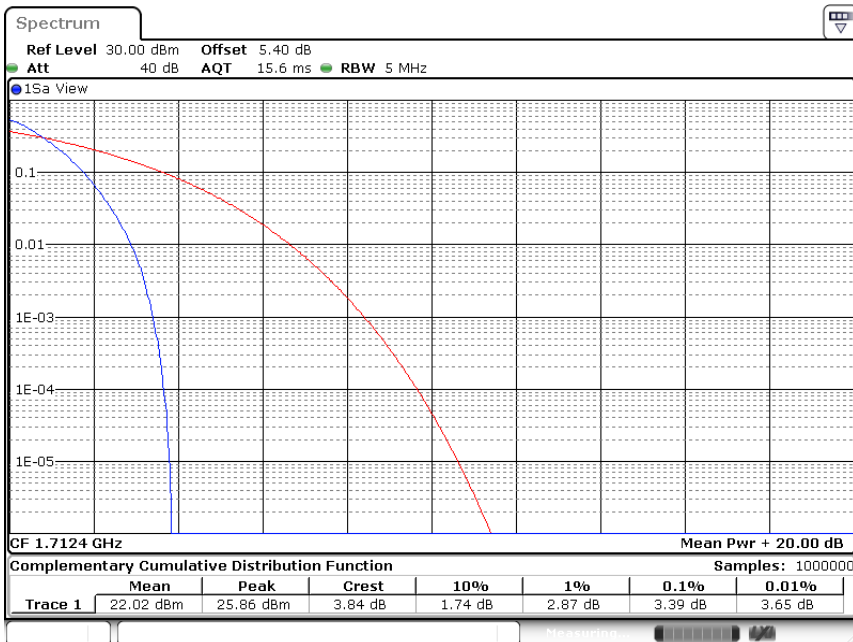


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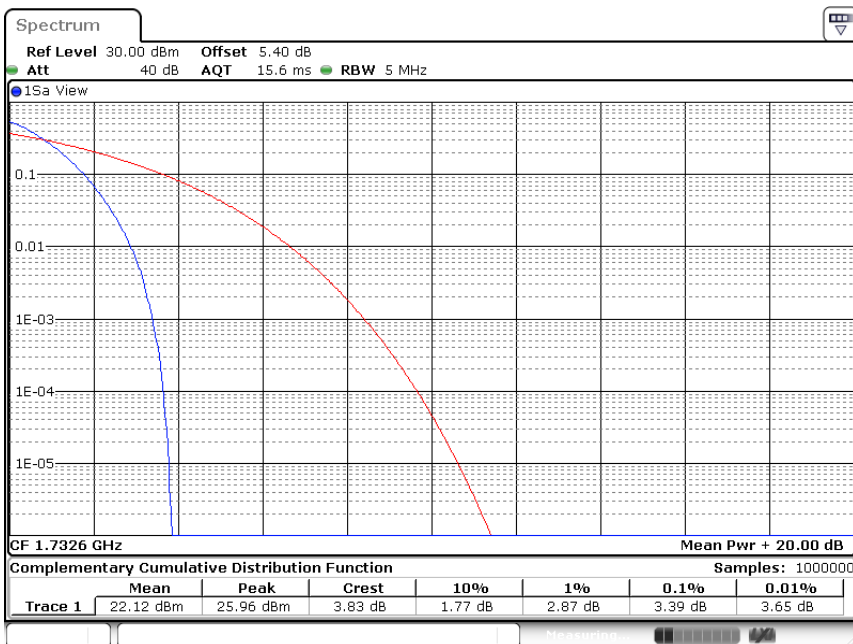
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Band4-1312



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Band4-1413

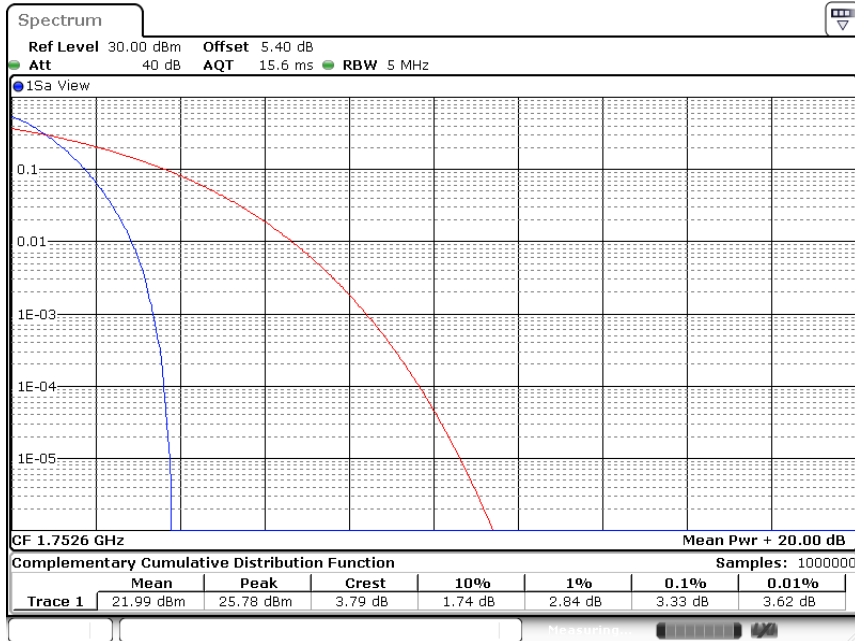


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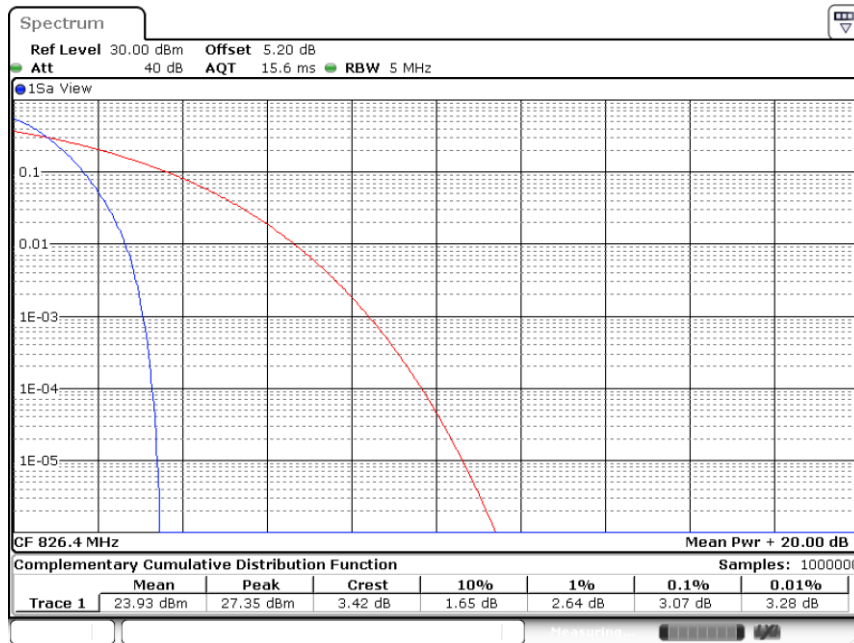
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Band5-4132



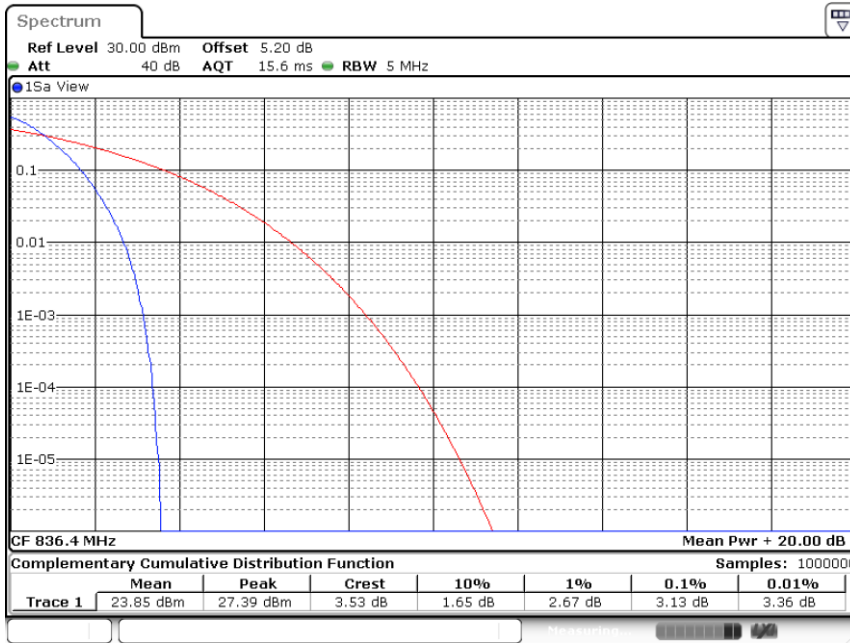
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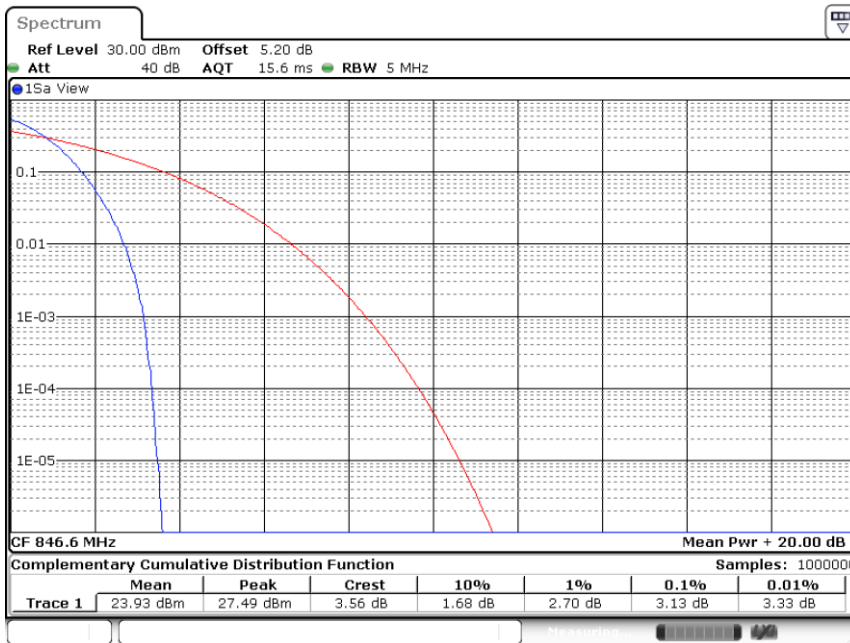
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Band5-4182



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Band5-4233



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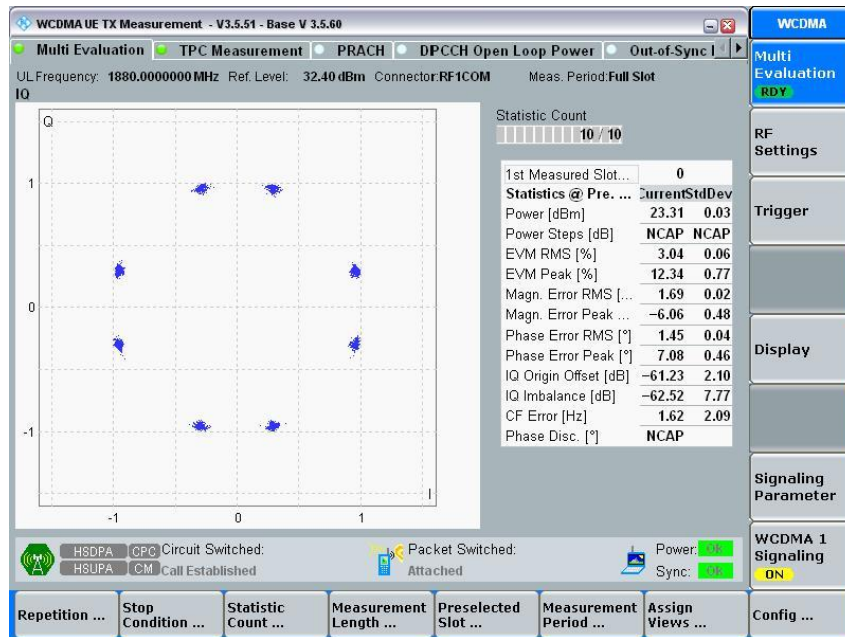
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3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1. Test Mode = UMTS/TM1

3.1.1.1. Test Channel = MCH



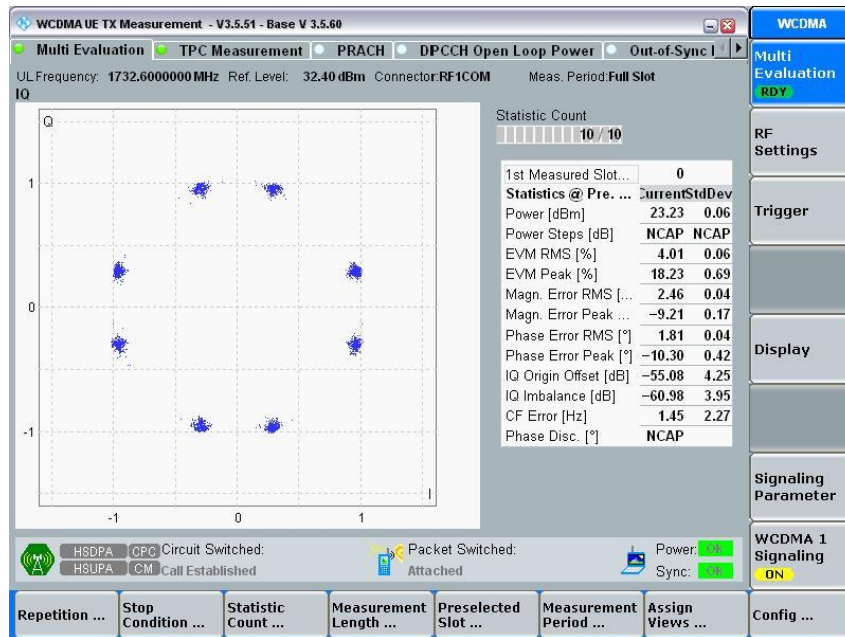
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3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH



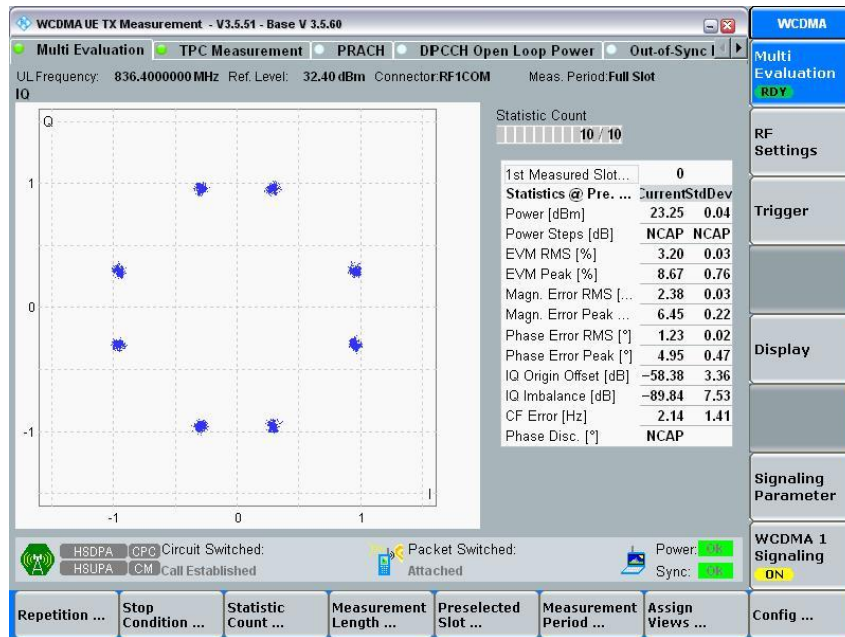
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3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH



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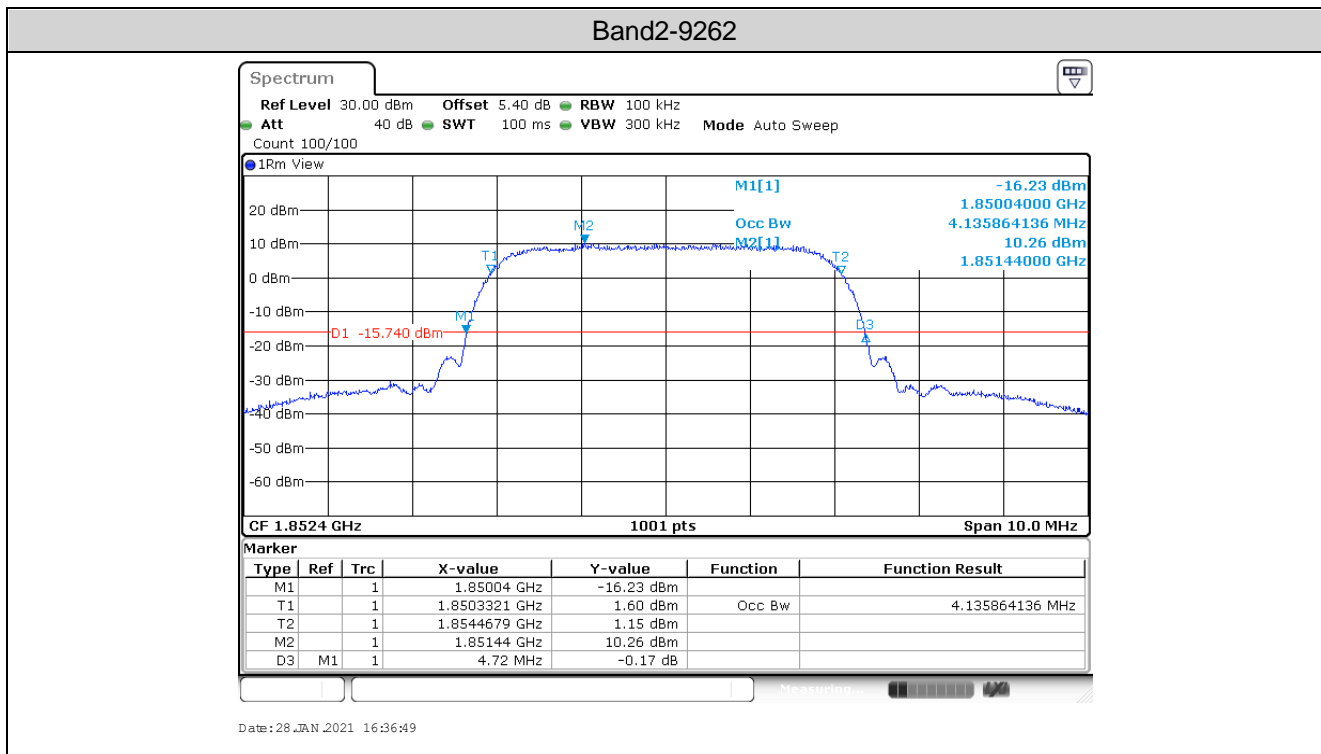
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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.136	4.720	---	PASS
Band2	9400	4.116	4.710	---	PASS
Band2	9538	4.126	4.710	---	PASS
Band4	1312	4.126	4.700	---	PASS
Band4	1413	4.126	4.720	---	PASS
Band4	1513	4.126	4.720	---	PASS
Band5	4132	4.126	4.740	---	PASS
Band5	4182	4.126	4.730	---	PASS
Band5	4233	4.136	4.740	---	PASS

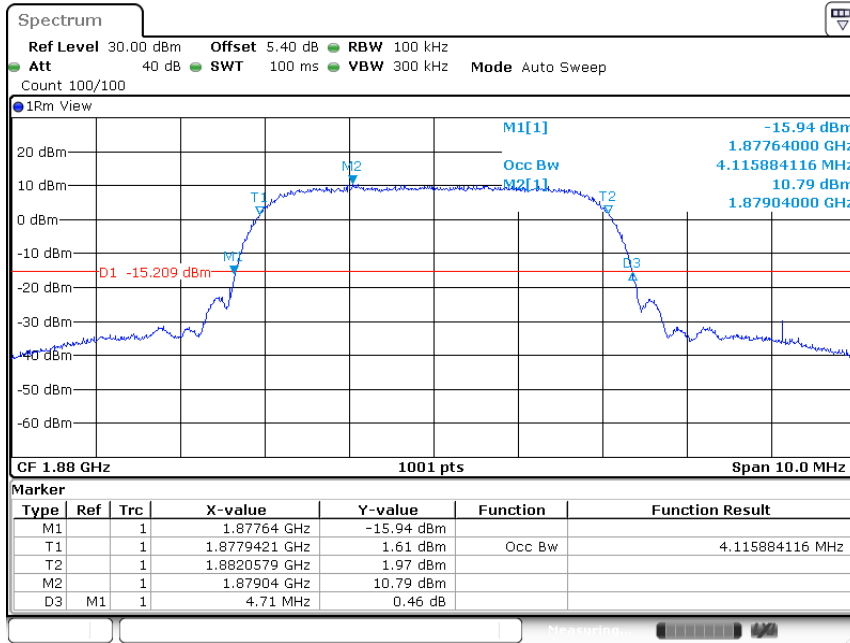
4.2. Test Plots



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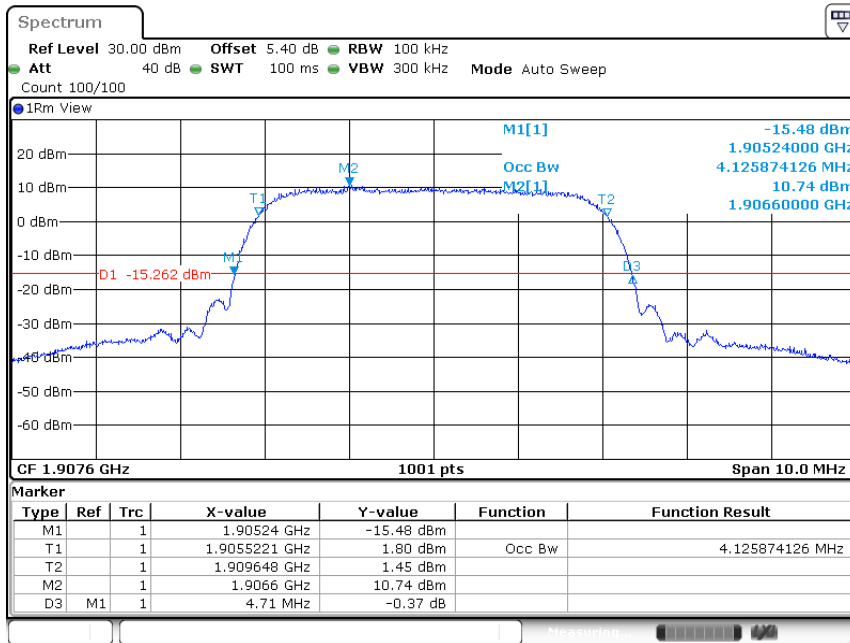
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Band2-9400



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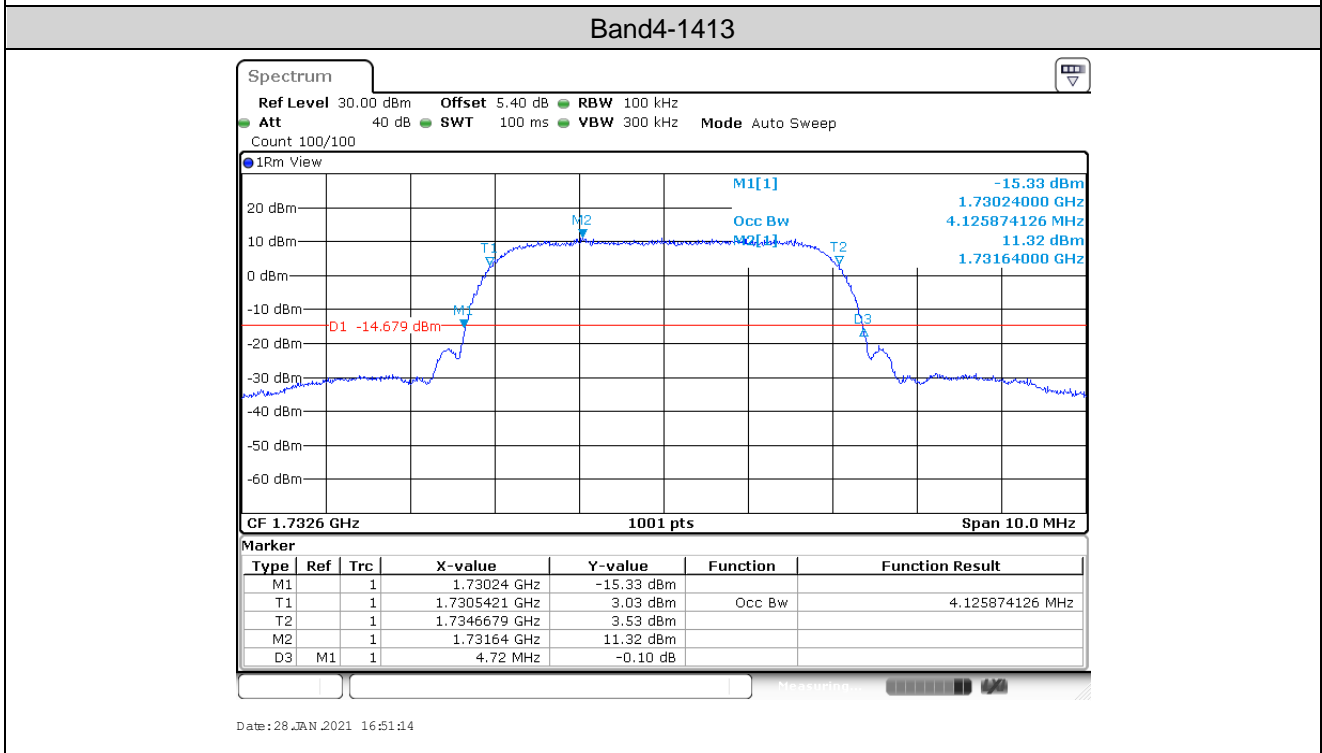
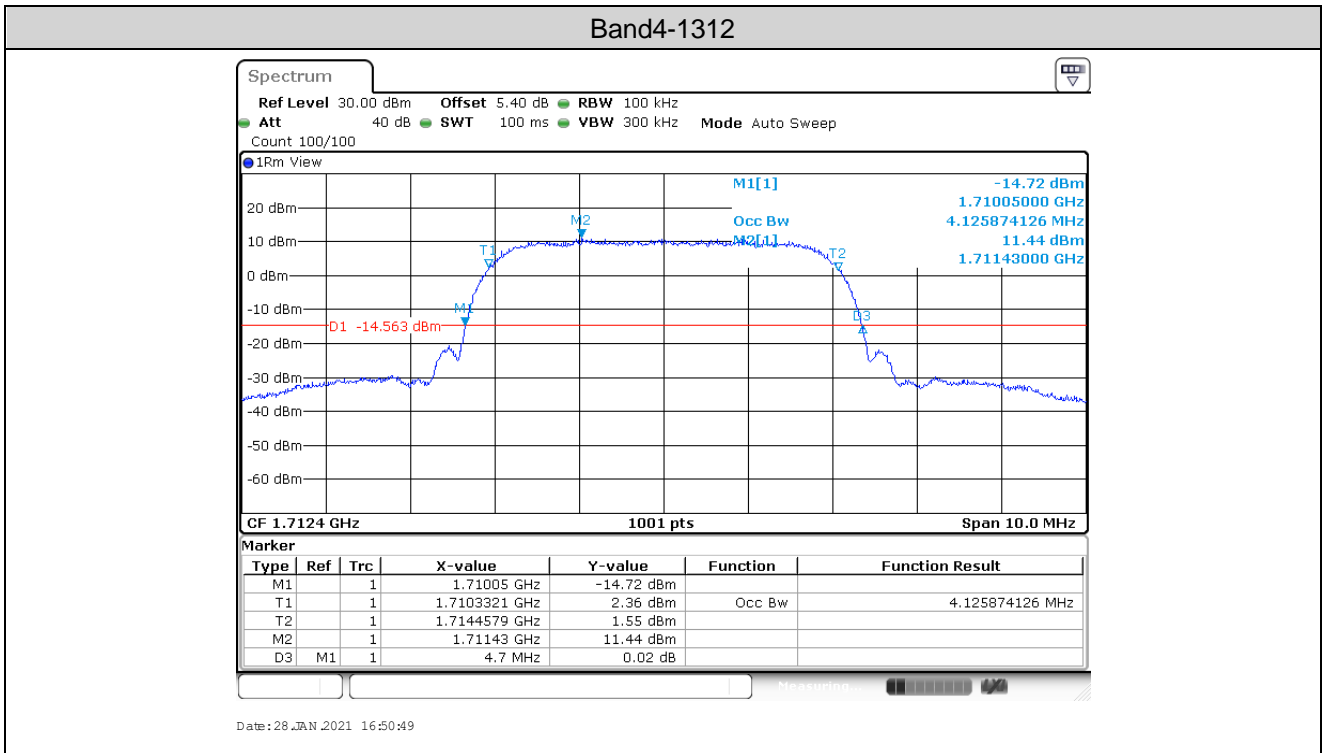
Band2-9538



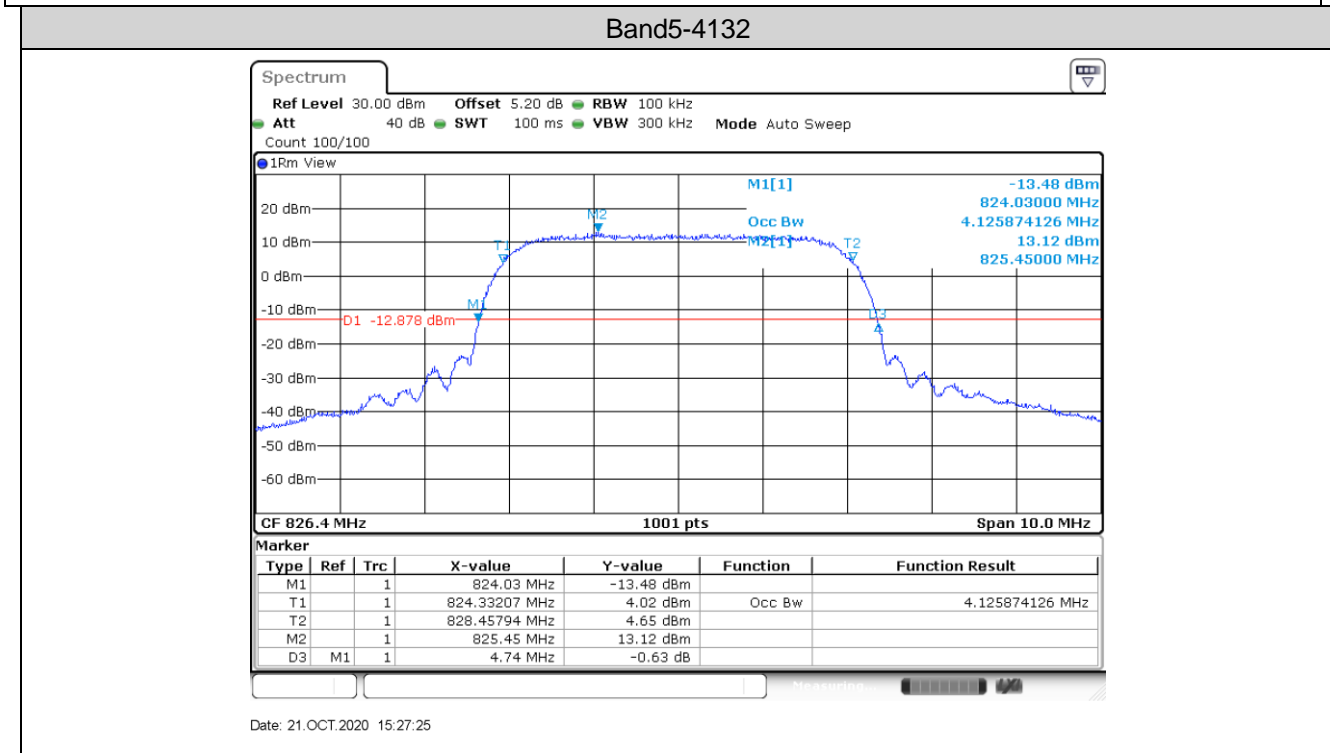
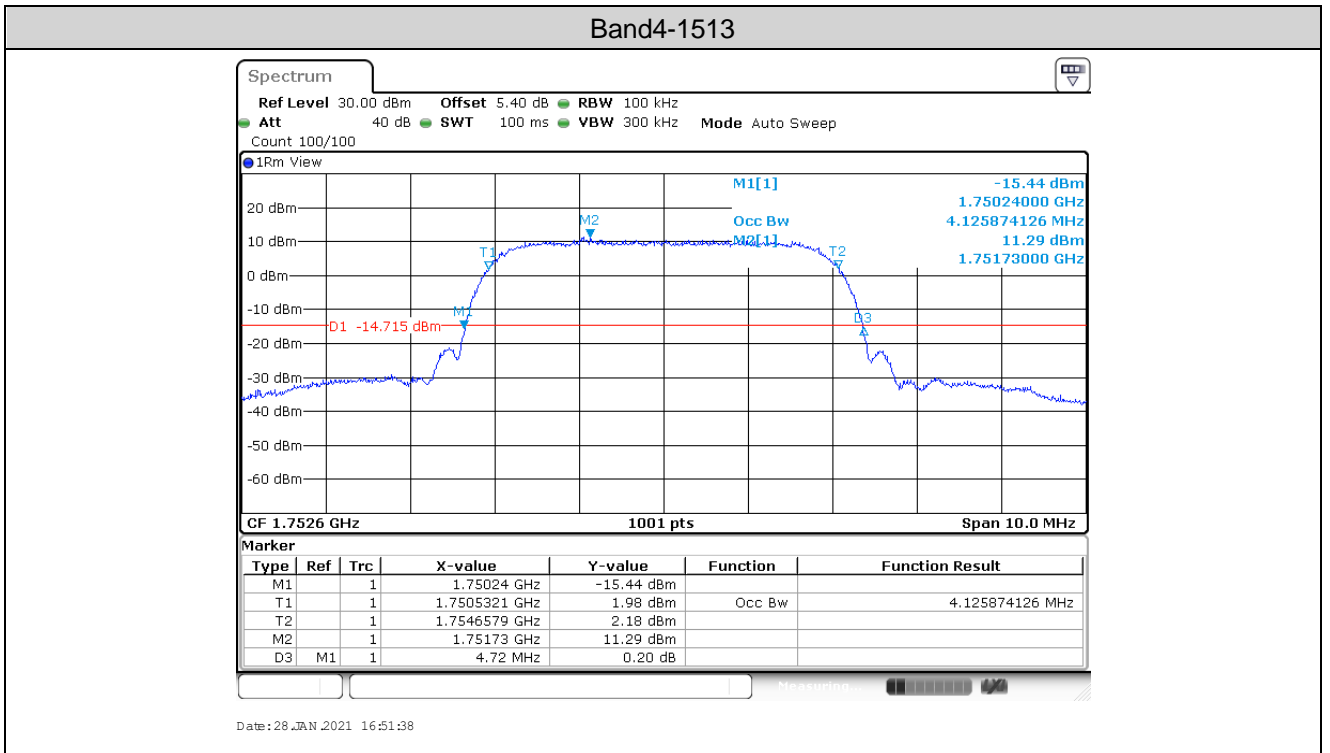
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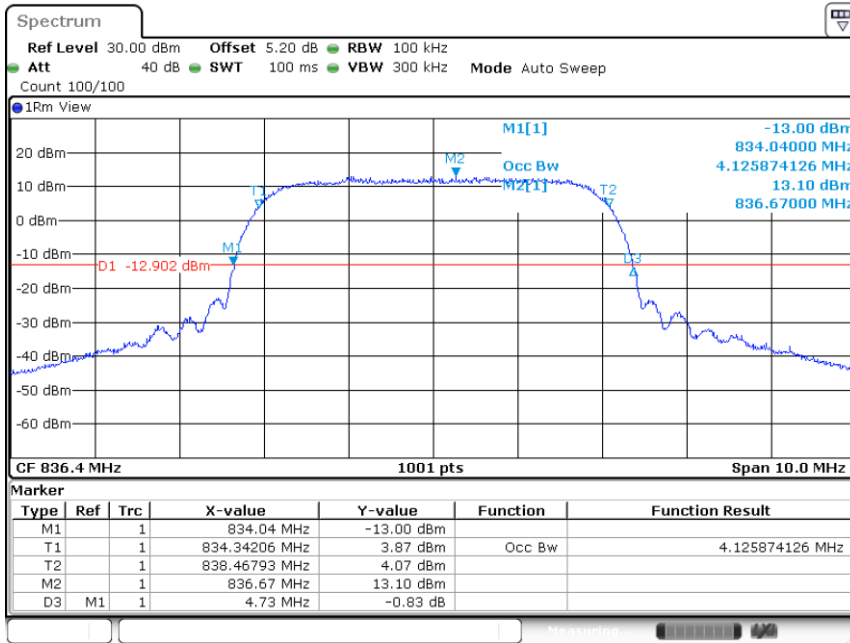


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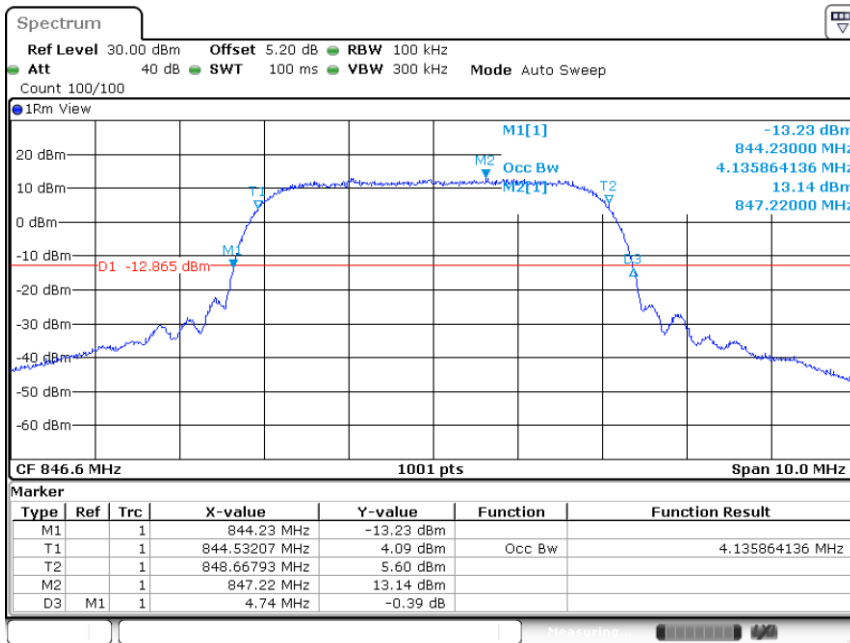
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band5-4182



Date: 21.OCT.2020 15:27:47

Band5-4233



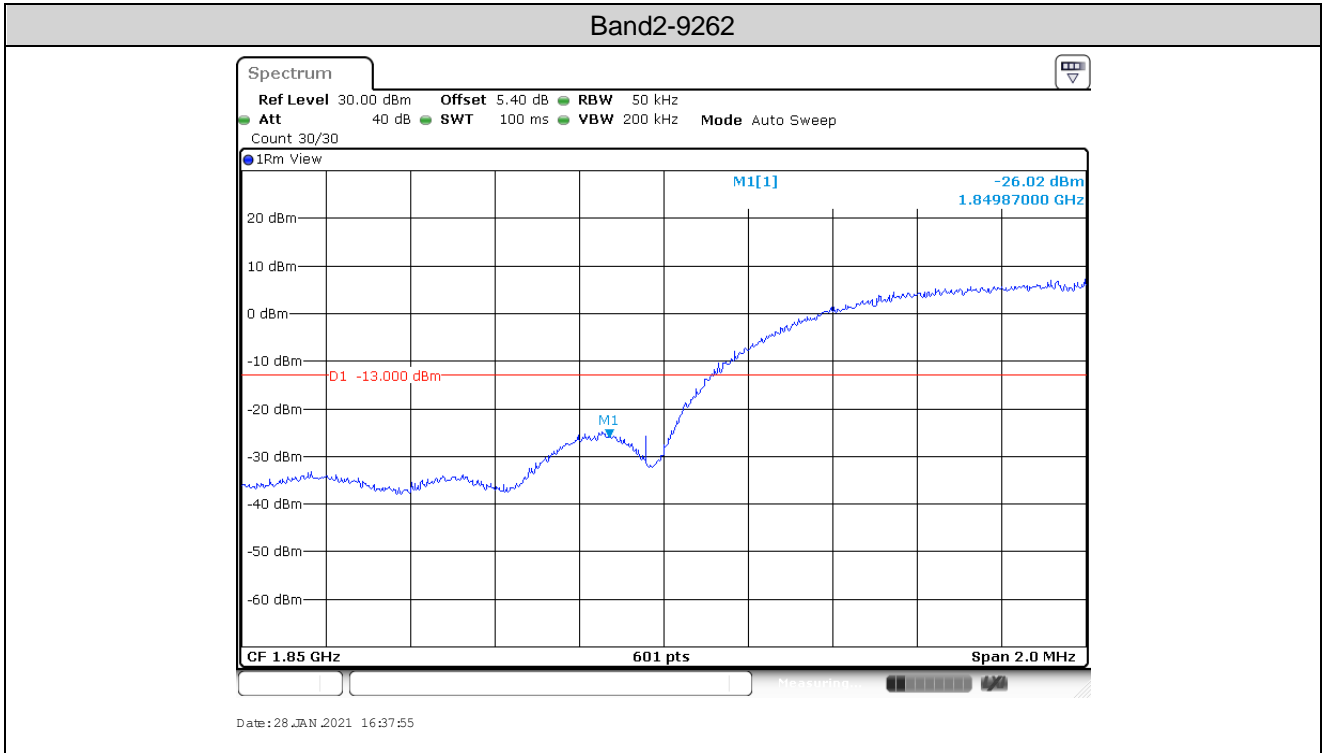
Date: 21.OCT.2020 15:28:08



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5. Band Edge Compliance

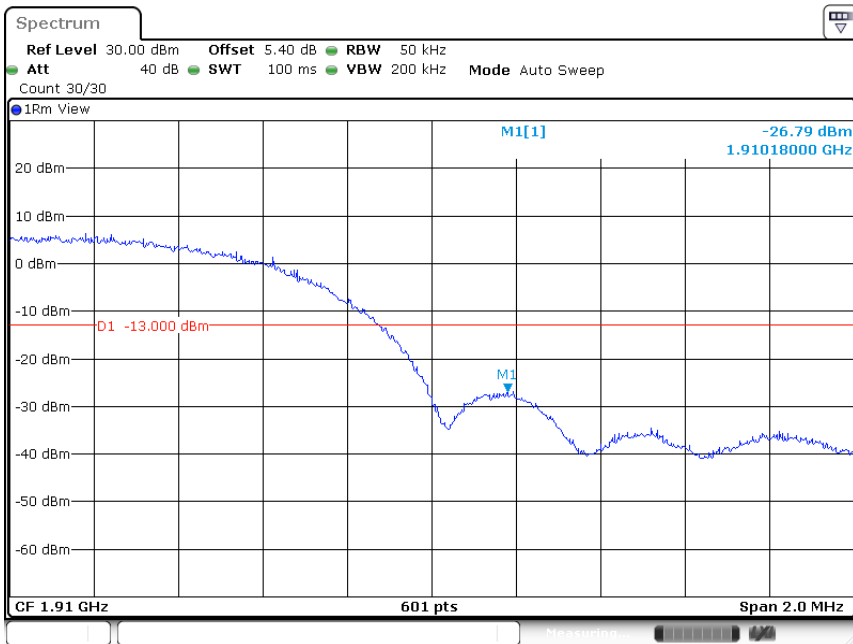
5.1. Test Plots



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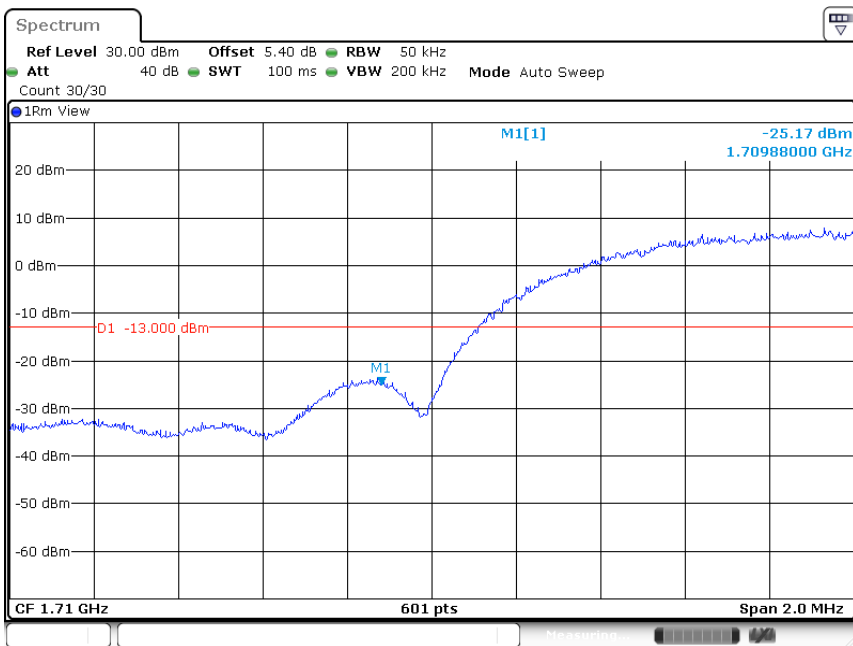
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Band2-9538



Date: 28 JAN 2021 16:38:12

Band4-1312



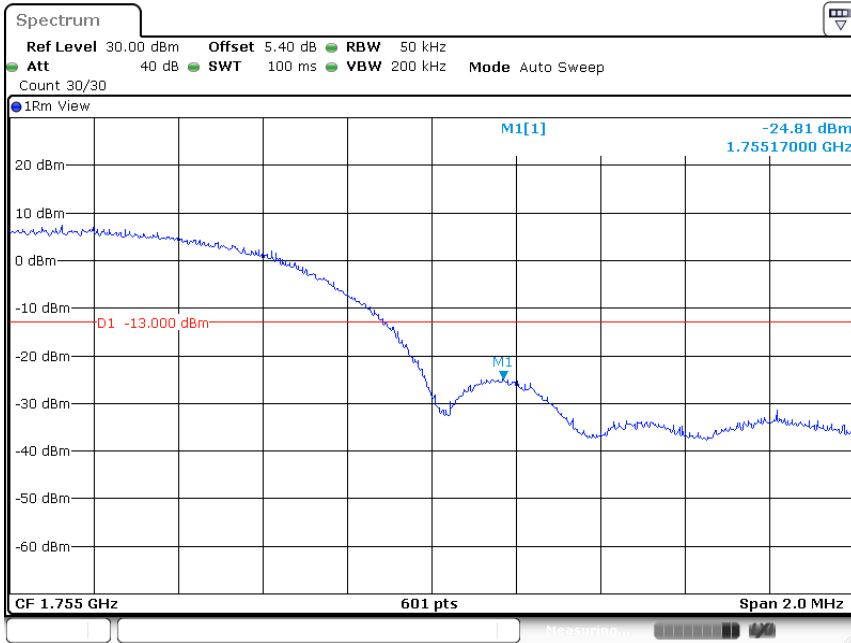
Date: 28 JAN 2021 16:51:55



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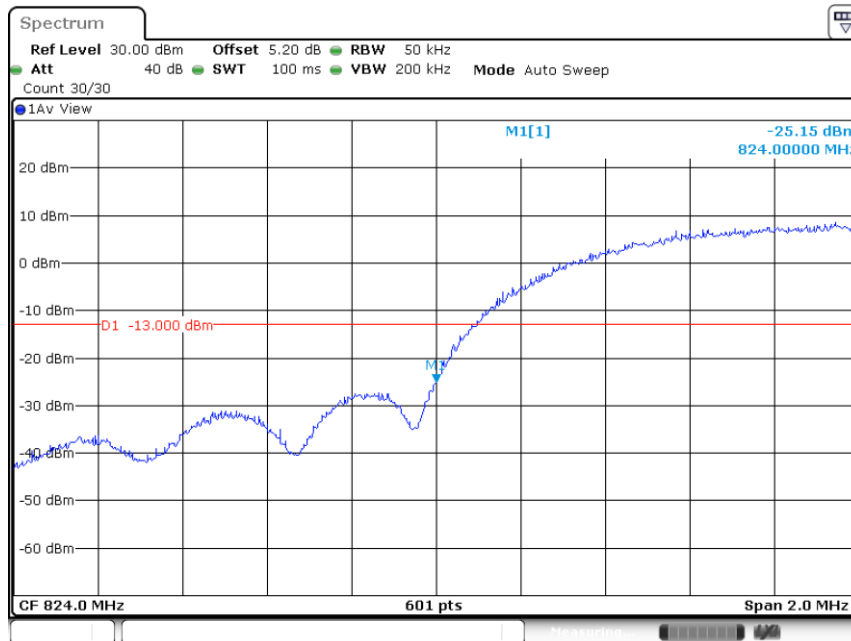
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Band4-1513



Date: 28.JAN.2021 16:52:12

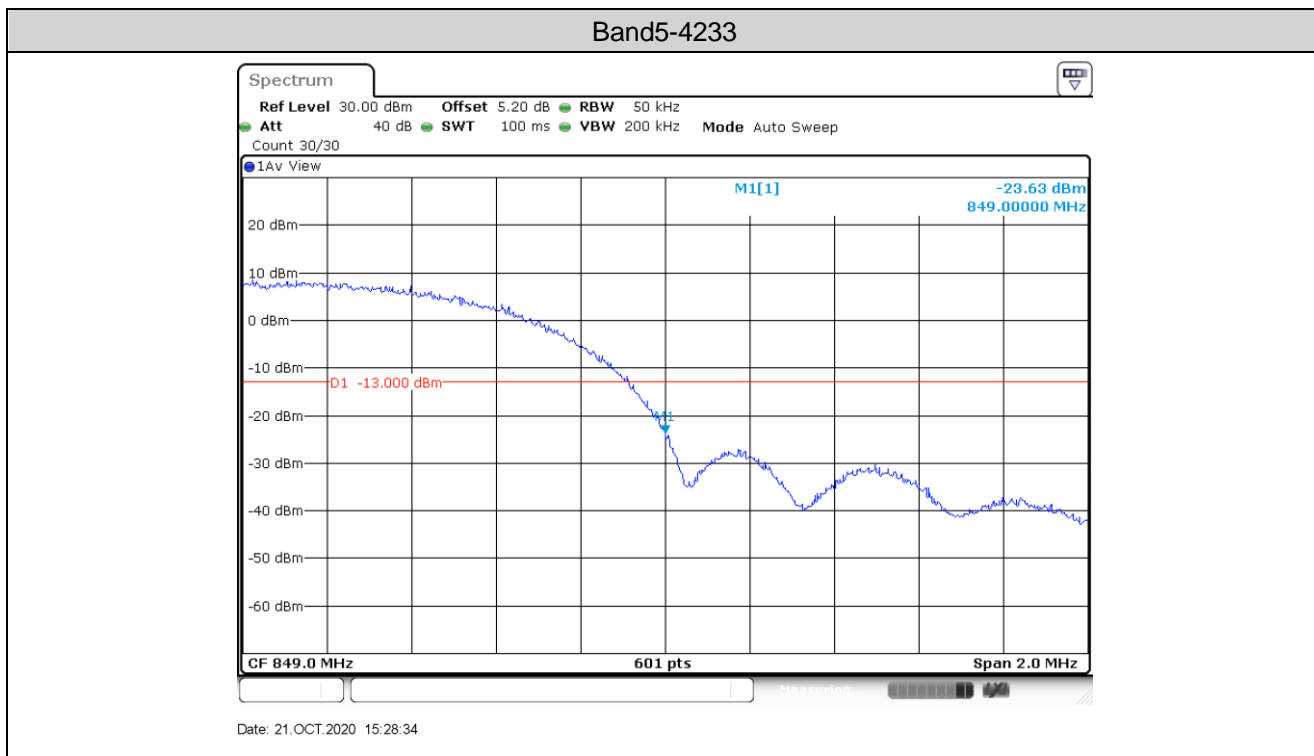
Band5-4132



Date: 21.OCT.2020 15:28:21



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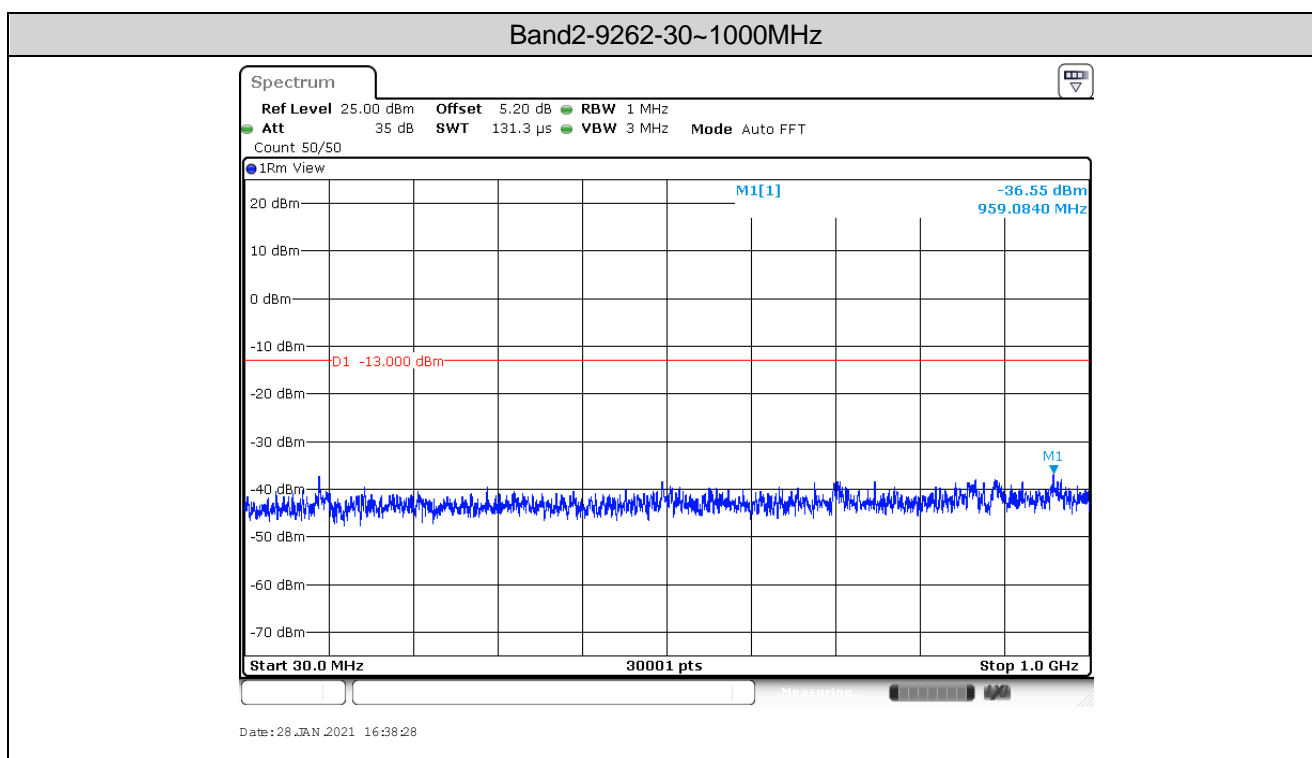
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6. Spurious Emission at Antenna Terminal

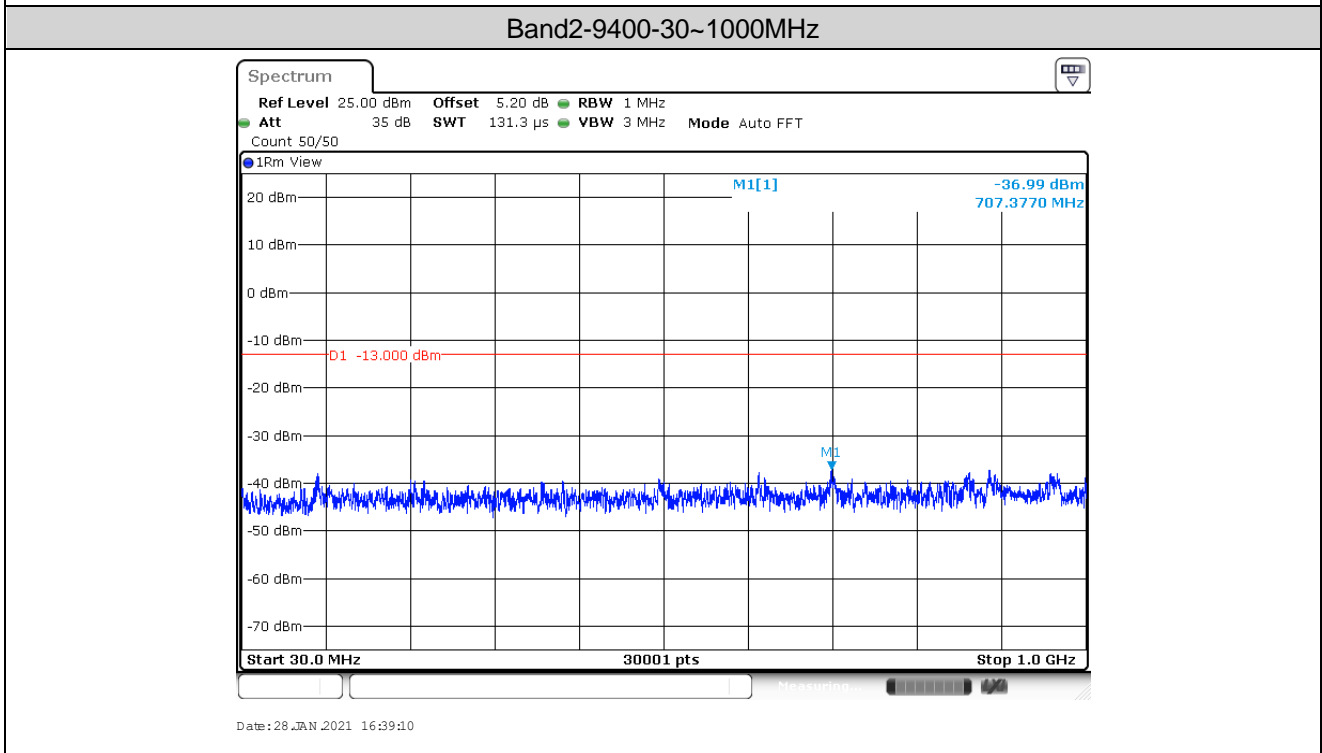
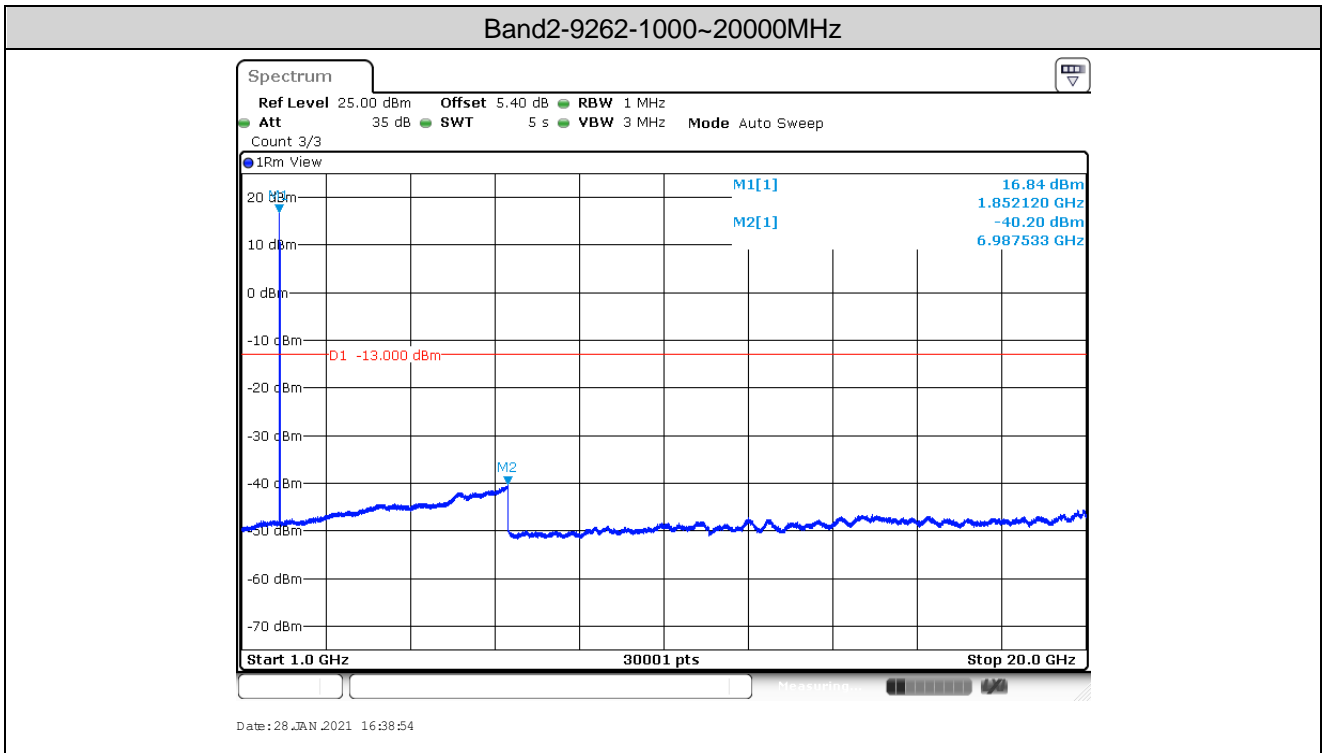
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " 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

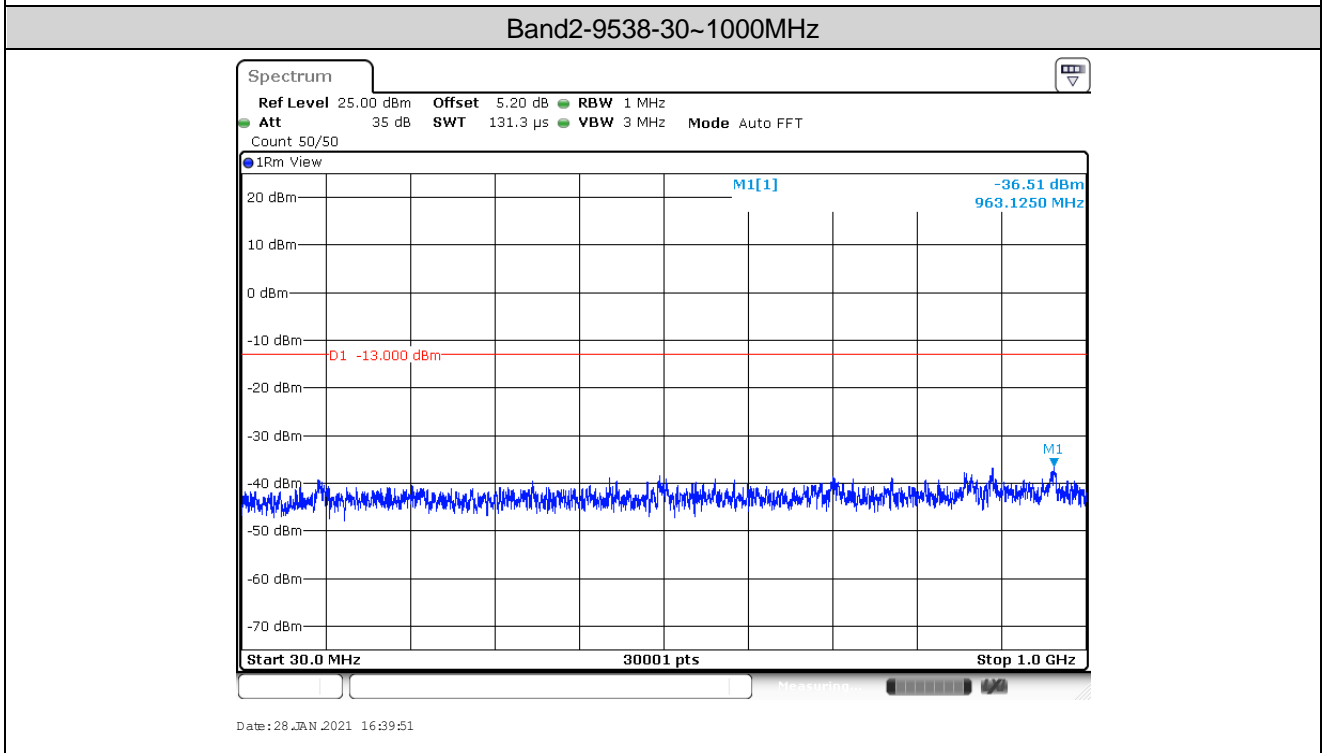
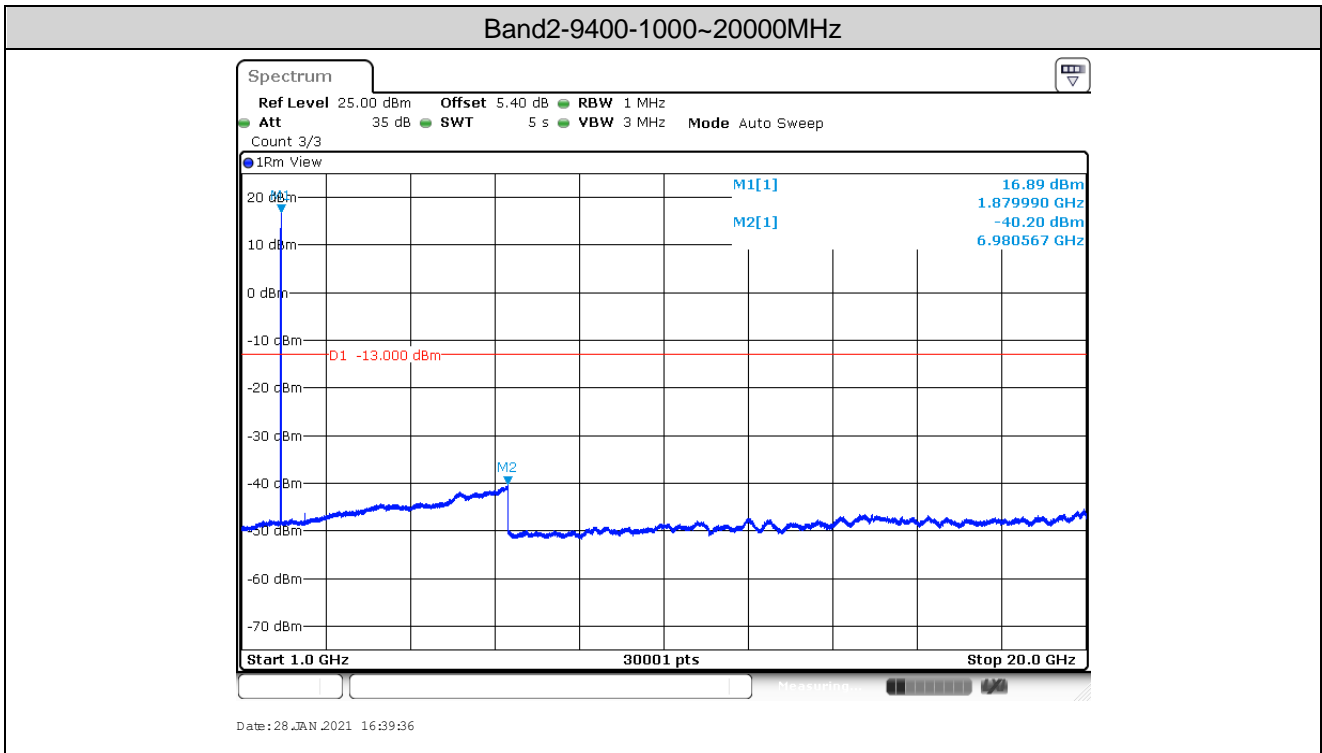


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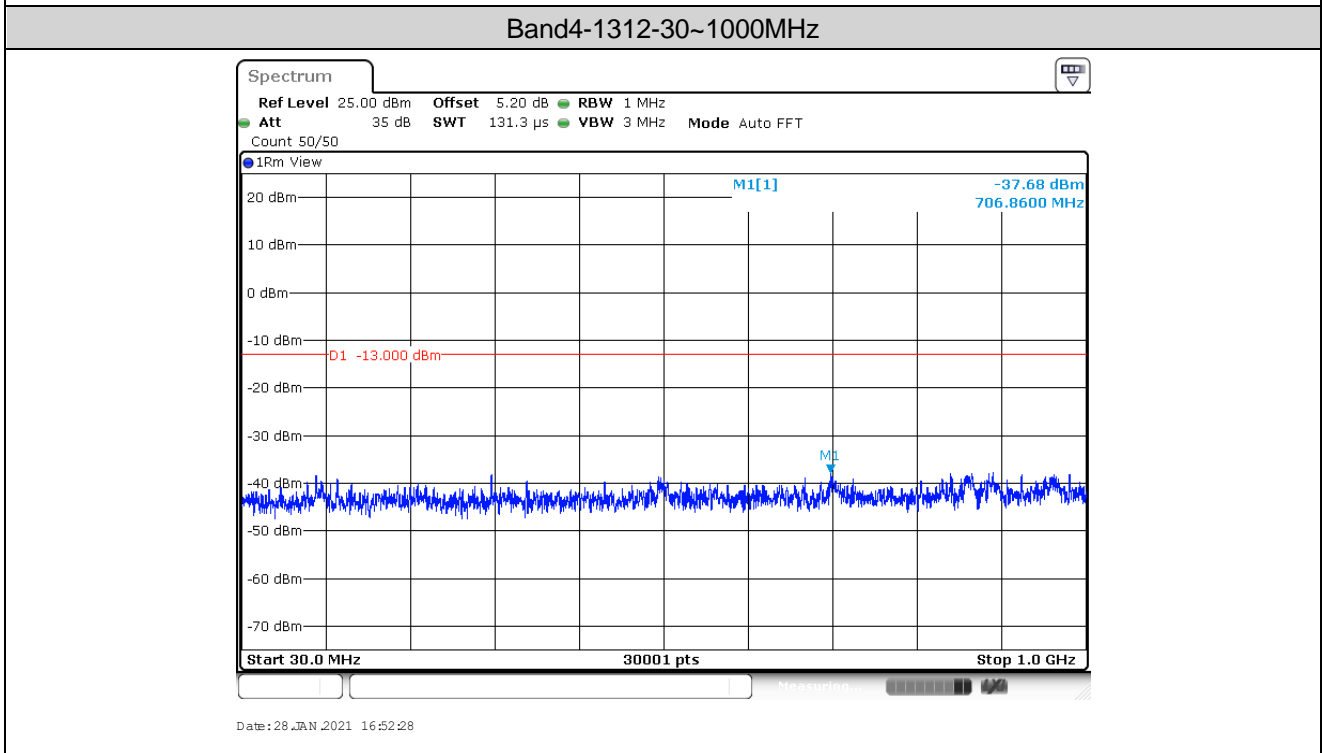
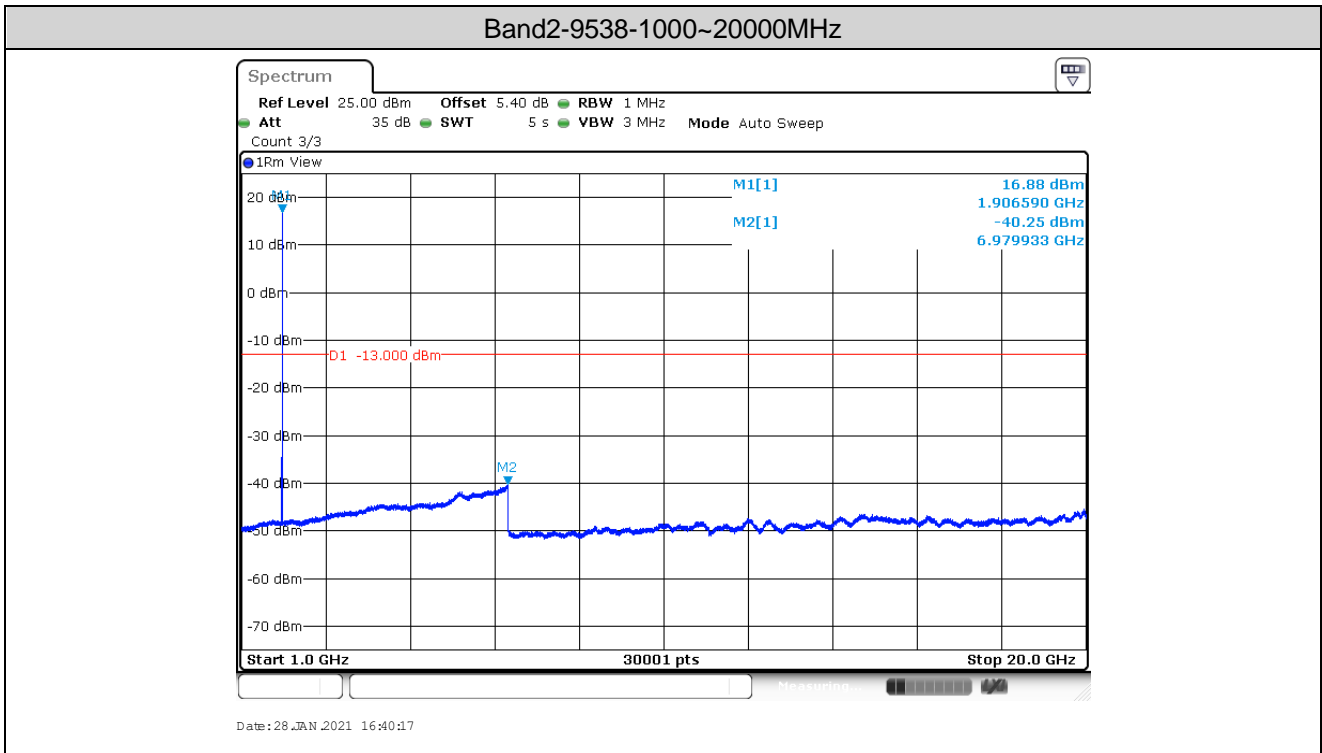
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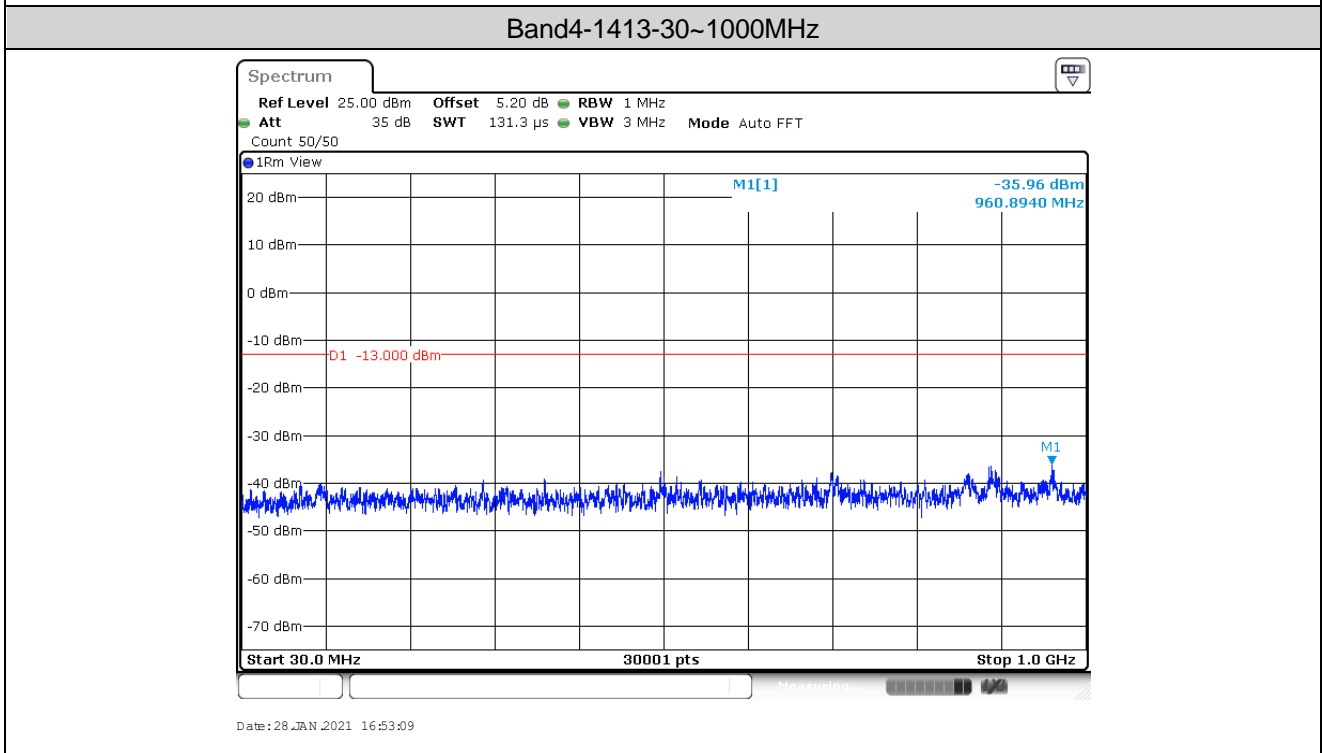
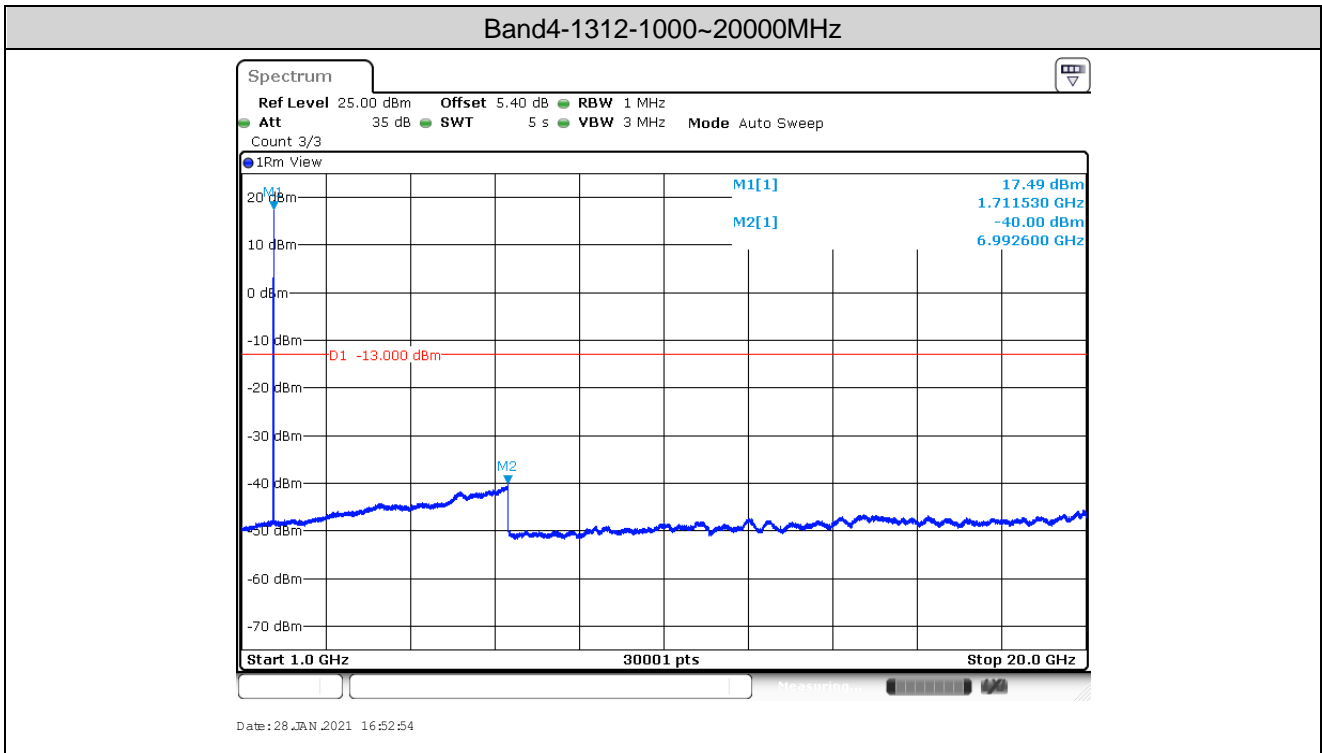
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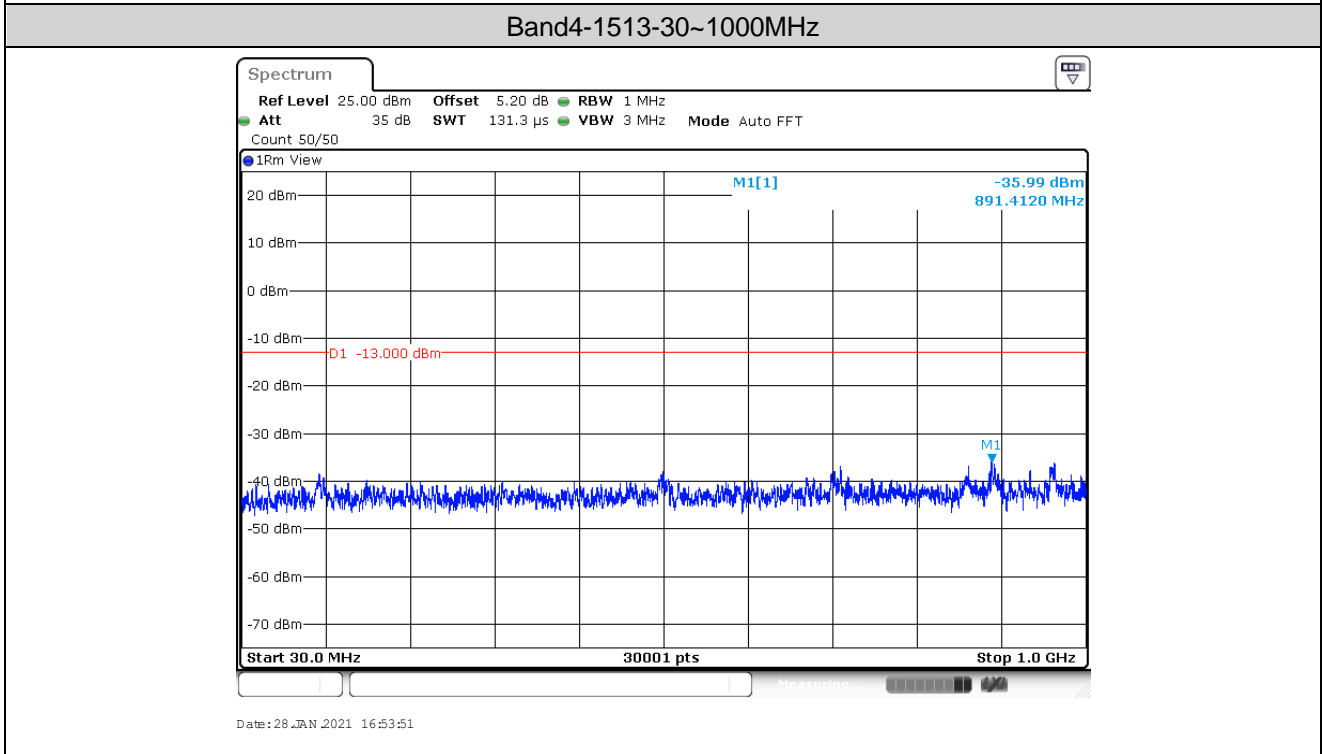
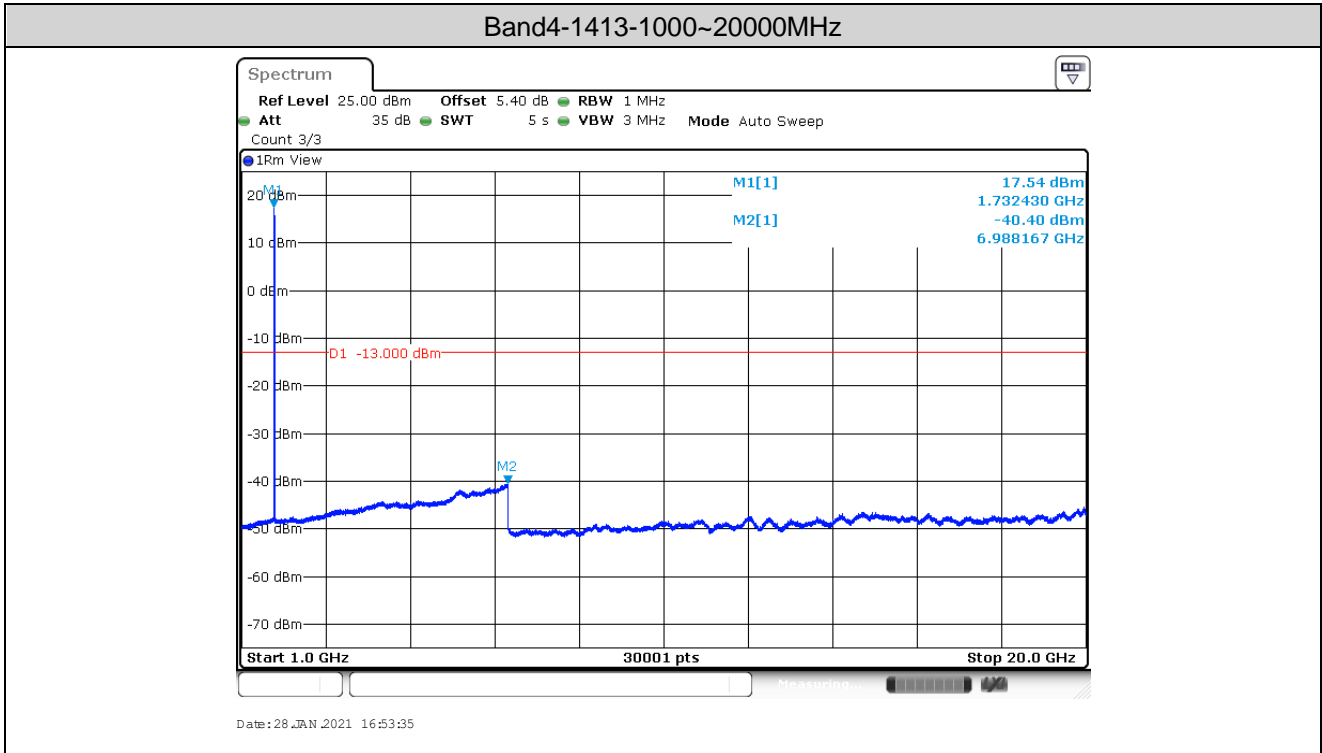
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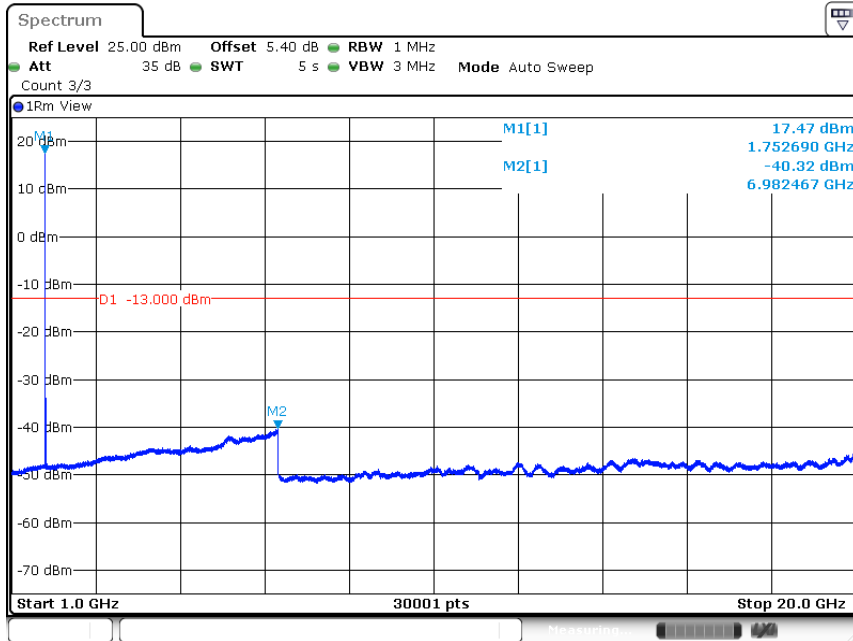
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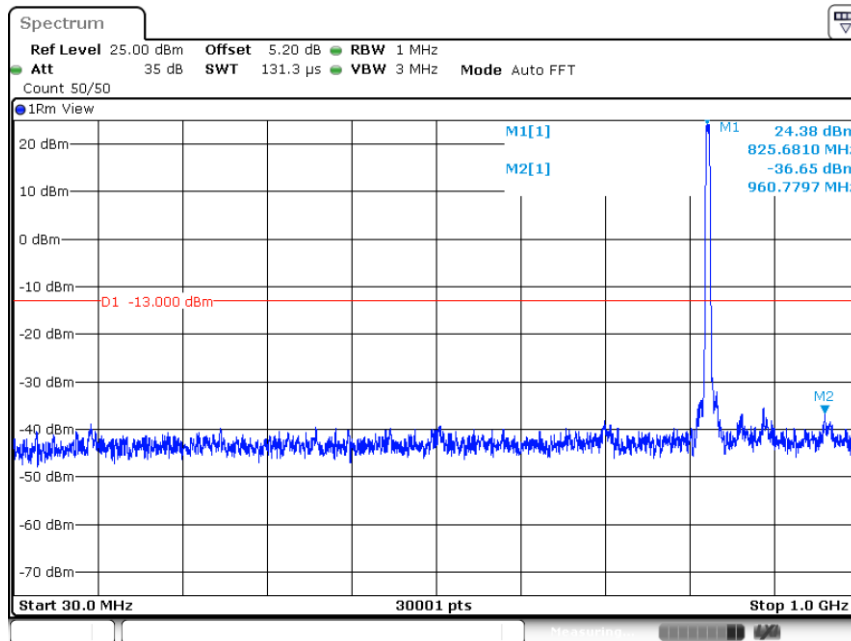
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Band4-1513-1000~20000MHz



Date: 28.JAN.2021 16:54:17

Band5-4132-30~1000MHz

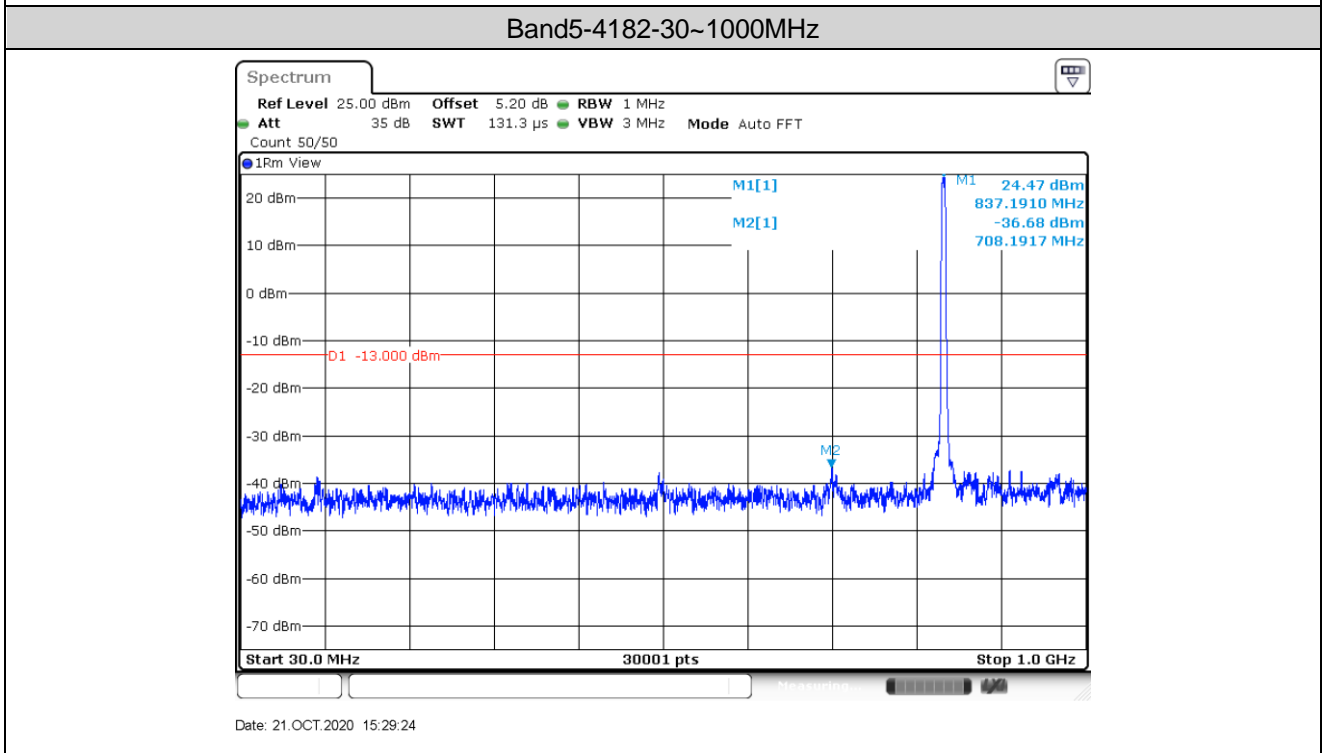
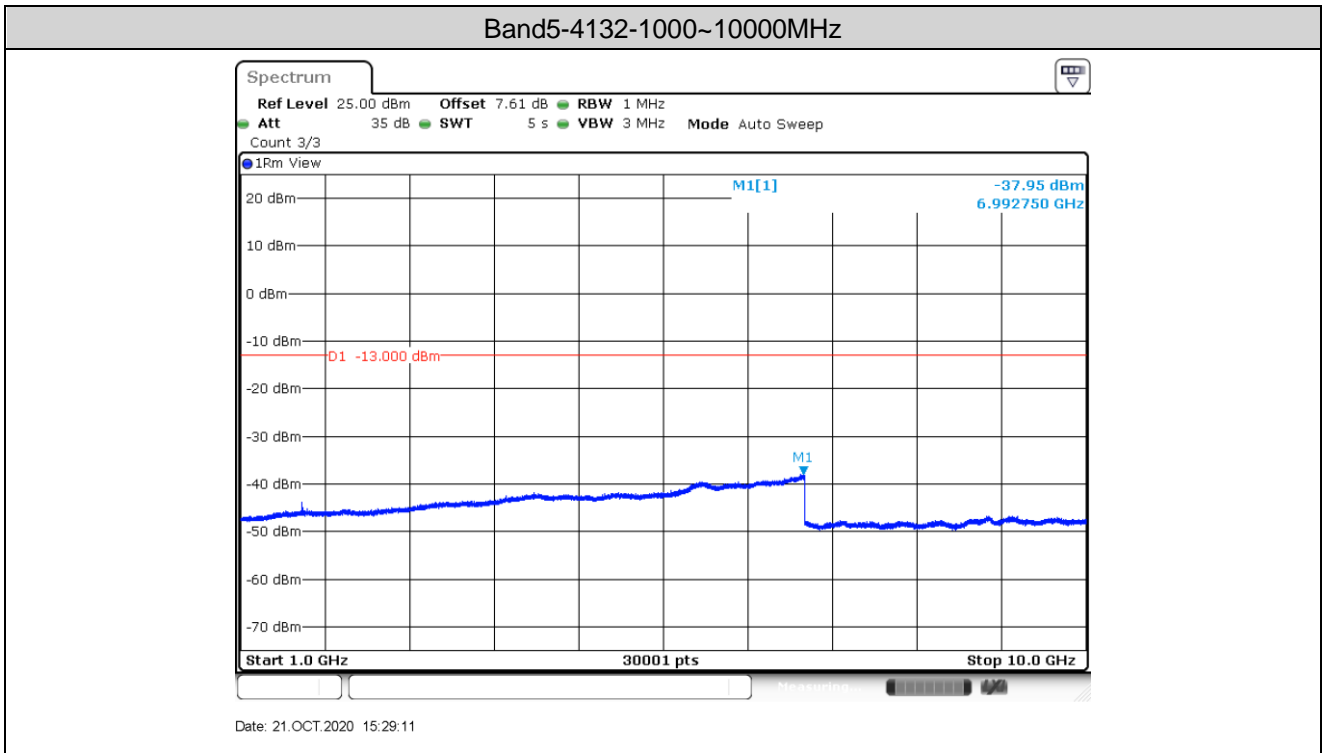


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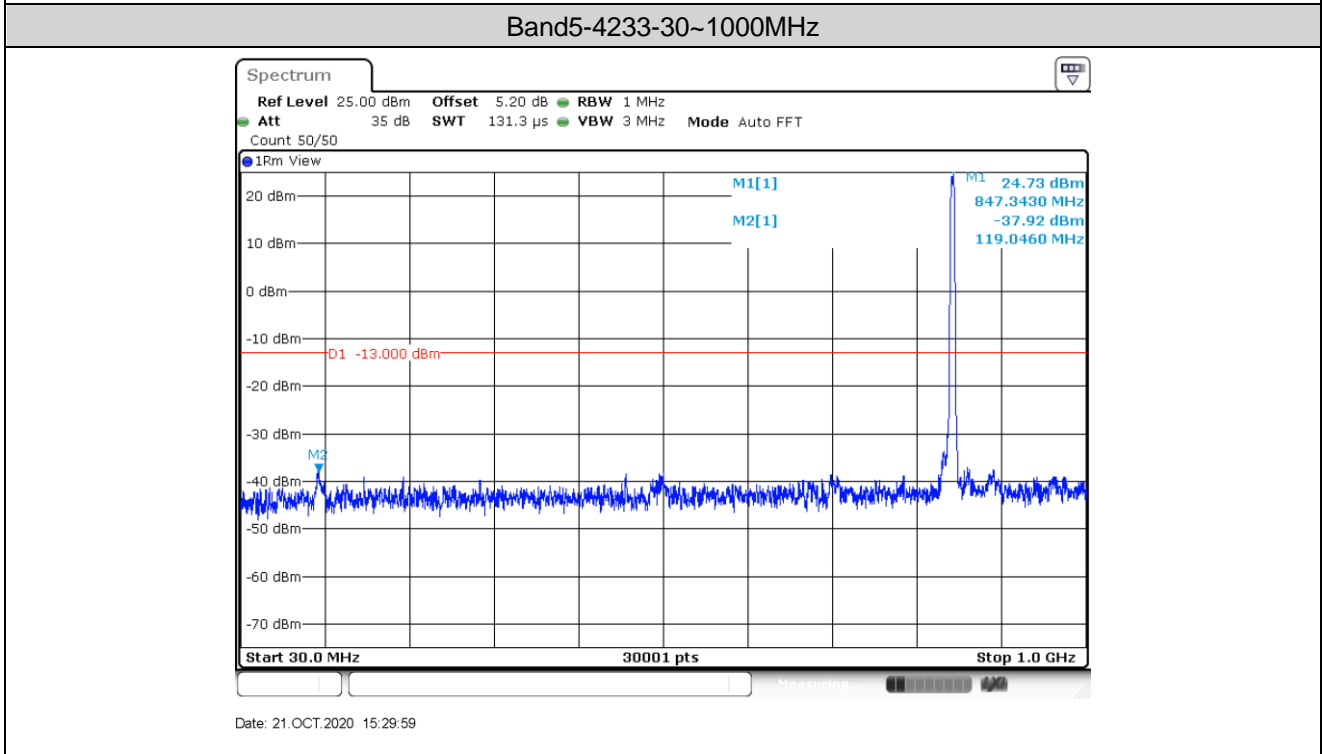
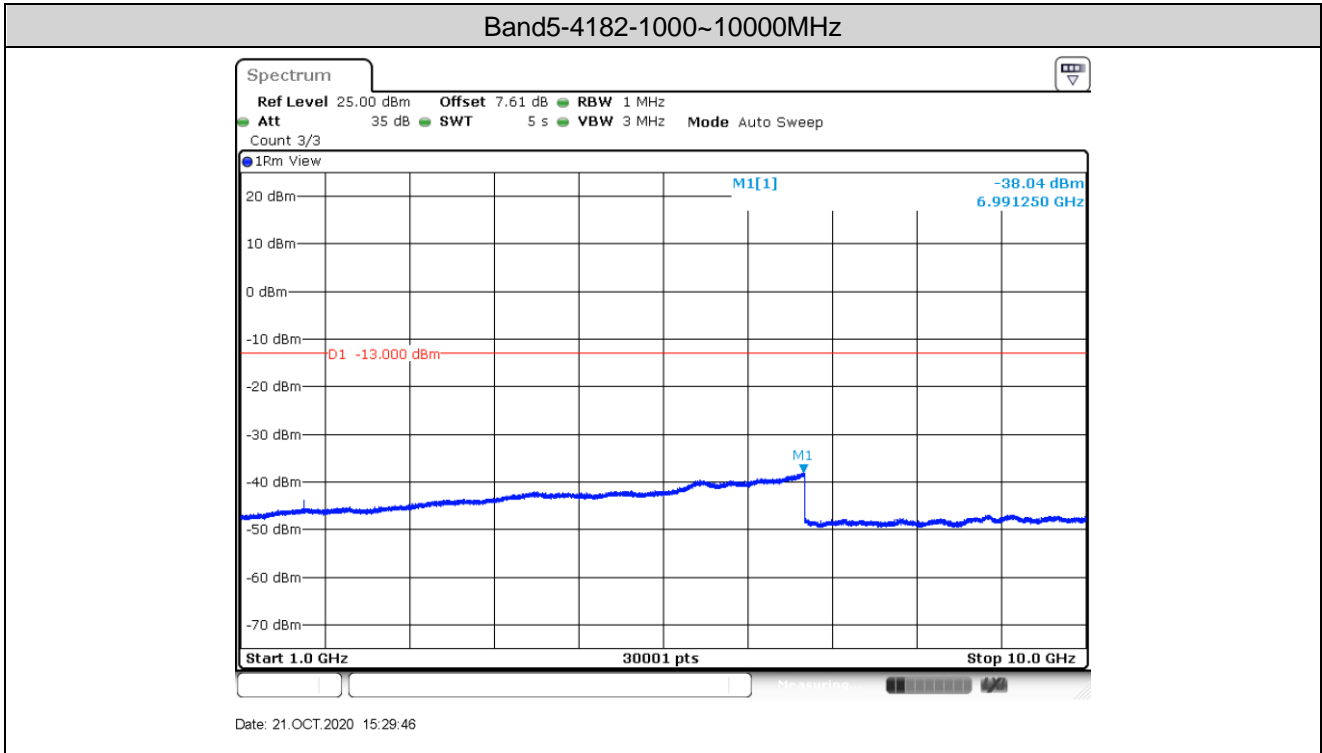
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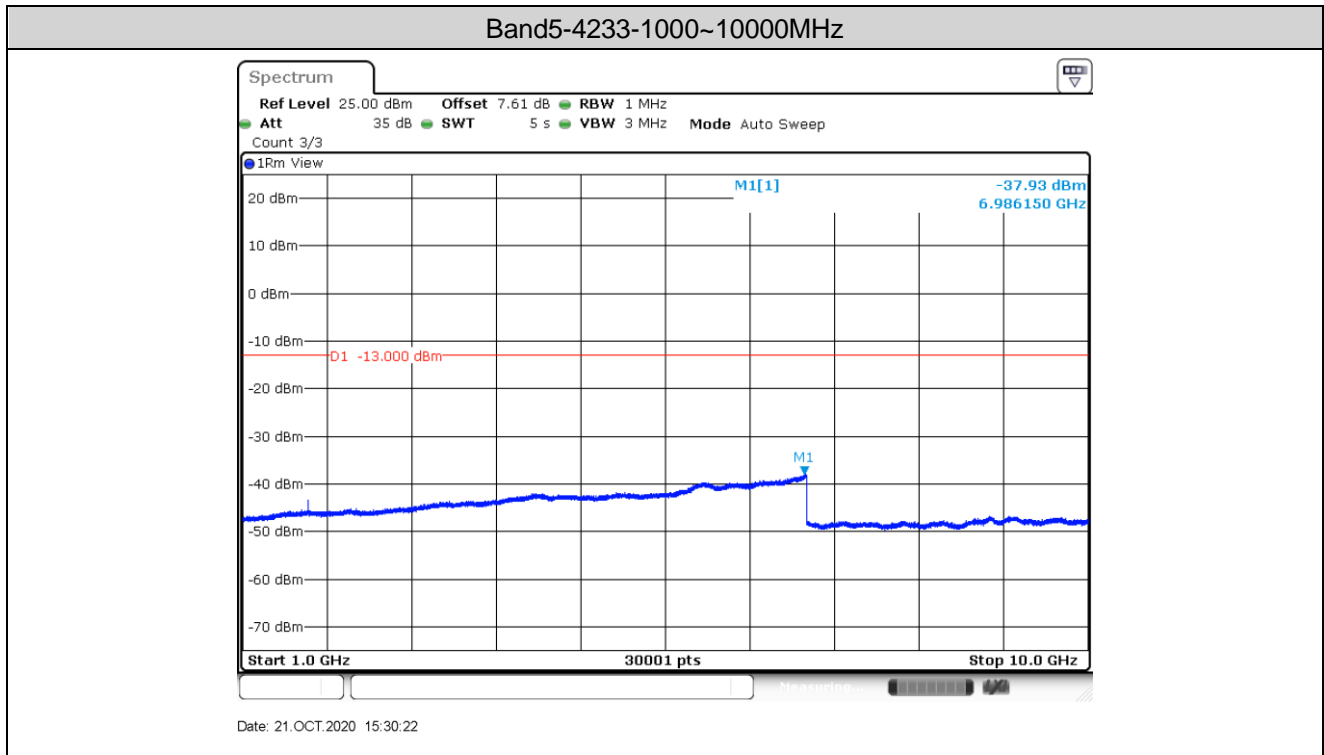
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7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA_II_TM1

7.1.1. Test Channel = Low Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.200000	-67.74	-13.00	54.74	200.0	H	57.0	-95.0
104.250000	-80.16	-13.00	67.16	200.0	H	77.0	-109.6
612.387500	-73.36	-13.00	60.36	200.0	H	6.0	-98.1
3813.150000	-56.52	-13.00	43.52	200.0	H	0.0	-104.0
5553.525000	-54.95	-13.00	41.95	200.0	H	118.0	-101.2
9267.950000	-51.00	-13.00	38.00	200.0	H	0.0	-96.6



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7.2. Test Band = WCDMA_ II _TM1

7.2.1. Test Channel = Low Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.550000	-72.32	-13.00	59.32	200.0	V	21.0	-101.8
104.350000	-79.06	-13.00	66.06	200.0	V	105.0	-106.7
791.229167	-70.13	-13.00	57.13	200.0	V	128.0	-94.3
3675.350000	-57.56	-13.00	44.56	200.0	V	118.0	-104.5
5490.800000	-55.08	-13.00	42.08	200.0	V	0.0	-101.1
9252.350000	-51.92	-13.00	38.92	200.0	V	178.0	-96.7



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7.3. Test Band = WCDMA_ II _TM1

7.3.1. Test Channel = Mid Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
63.350000	-68.01	-13.00	55.01	200.0	H	0.0	-96.0
104.250000	-79.81	-13.00	66.81	200.0	H	93.0	-109.6
252.450000	-77.87	-13.00	64.87	200.0	H	177.0	-103.4
3725.725000	-57.95	-13.00	44.95	200.0	H	141.0	-104.4
5703.350000	-54.92	-13.00	41.92	200.0	H	93.0	-101.2
9518.200000	-52.17	-13.00	39.17	200.0	H	2.0	-96.8



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7.4. Test Band = WCDMA_ II _TM1

7.4.1. Test Channel = Mid Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
64.900000	-71.25	-13.00	58.25	200.0	V	31.0	-99.8
125.000000	-79.15	-13.00	66.15	200.0	V	2.0	-103.8
535.341667	-71.55	-13.00	58.55	200.0	V	118.0	-101.1
3757.575000	-56.99	-13.00	43.99	200.0	V	0.0	-104.2
5638.025000	-53.90	-13.00	40.90	200.0	V	15.0	-101.1
11250.450000	-52.79	-13.00	39.79	200.0	V	26.0	-96.2



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7.5. Test Band = WCDMA_ II _TM1

7.5.1. Test Channel = High Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
64.900000	-71.25	-13.00	58.25	200.0	V	31.0	-99.8
125.000000	-79.15	-13.00	66.15	200.0	V	2.0	-103.8
535.341667	-71.55	-13.00	58.55	200.0	V	118.0	-101.1
3757.575000	-56.99	-13.00	43.99	200.0	V	0.0	-104.2
5638.025000	-53.90	-13.00	40.90	200.0	V	15.0	-101.1
11250.450000	-52.79	-13.00	39.79	200.0	V	26.0	-96.2



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7.6. Test Band = WCDMA_ II _TM1

7.6.1. Test Channel = High Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
63.450000	-72.42	-13.00	59.42	200.0	V	21.0	-100.1
104.300000	-78.62	-13.00	65.62	200.0	V	180.0	-106.8
331.850000	-76.35	-13.00	63.35	200.0	V	114.0	-101.9
3816.075000	-57.65	-13.00	44.65	200.0	V	56.0	-103.9
5720.900000	-54.62	-13.00	41.62	200.0	V	153.0	-101.0
7678.050000	-53.17	-13.00	40.17	200.0	V	92.0	-98.3



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7.7. Test Band = WCDMA_IV_TM1

7.7.1. Test Channel = Low Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.250000	-67.87	-13.00	54.87	200.0	H	2.0	-97.6
104.300000	-79.10	-13.00	66.10	200.0	H	132.0	-109.6
284.650000	-77.37	-13.00	64.37	200.0	H	78.0	-102.9
3482.300000	-58.25	-13.00	45.25	200.0	H	0.0	-105.2
5113.150000	-55.80	-13.00	42.80	200.0	H	15.0	-101.6
8648.825000	-51.89	-13.00	38.89	200.0	H	49.0	-97.5



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7.8. Test Band = WCDMA_IV_TM1

7.8.1. Test Channel = Low Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.250000	-72.95	-13.00	59.95	200.0	V	168.0	-100.5
125.000000	-79.42	-13.00	66.42	200.0	V	85.0	-103.8
323.600000	-76.17	-13.00	63.17	200.0	V	0.0	-102.0
3503.750000	-57.81	-13.00	44.81	200.0	V	165.0	-105.0
5131.025000	-55.61	-13.00	42.61	200.0	V	0.0	-101.7
8446.025000	-52.34	-13.00	39.34	200.0	V	0.0	-97.9



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7.9. Test Band = WCDMA_IV_TM1

7.9.1. Test Channel = Mid Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.500000	-66.75	-13.00	53.75	200.0	H	168.0	-95.1
104.250000	-79.65	-13.00	66.65	200.0	H	58.0	-109.6
282.600000	-77.50	-13.00	64.50	200.0	H	77.0	-102.9
3465.725000	-57.61	-13.00	44.61	200.0	H	2.0	-105.3
7053.075000	-53.56	-13.00	40.56	200.0	H	48.0	-98.9
10283.250000	-52.23	-13.00	39.23	200.0	H	83.0	-96.5



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7.10. Test Band = WCDMA_IV_TM1

7.10.1. Test Channel = Mid Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.950000	-72.22	-13.00	59.22	200.0	V	50.0	-101.6
119.400000	-77.93	-13.00	64.93	200.0	V	153.0	-103.9
301.050000	-77.96	-13.00	64.96	200.0	V	153.0	-102.4
3486.850000	-58.80	-13.00	45.80	200.0	V	72.0	-105.1
7077.450000	-53.60	-13.00	40.60	200.0	V	49.0	-98.8
10386.925000	-51.84	-13.00	38.84	200.0	V	0.0	-96.3



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7.11. Test Band = WCDMA_IV_TM1

7.11.1. Test Channel = High Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
54.450000	-68.89	-13.00	55.89	200.0	H	96.0	-98.1
104.250000	-78.55	-13.00	65.55	200.0	H	142.0	-109.6
265.450000	-78.09	-13.00	65.09	200.0	H	96.0	-102.4
3503.100000	-57.61	-13.00	44.61	200.0	H	118.0	-105.0
7049.500000	-53.29	-13.00	40.29	200.0	H	60.0	-98.9
10590.375000	-52.20	-13.00	39.20	200.0	H	165.0	-96.5



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7.12. Test Band = WCDMA_IV_TM1

7.12.1. Test Channel = High Channel

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
64.300000	-71.42	-13.00	58.42	200.0	V	96.0	-99.9
125.000000	-78.35	-13.00	65.35	200.0	V	49.0	-103.8
232.900000	-78.34	-13.00	65.34	200.0	V	49.0	-106.0
3453.700000	-57.88	-13.00	44.88	200.0	V	131.0	-105.2
5210.000000	-55.15	-13.00	42.15	200.0	V	131.0	-101.7
8766.475000	-52.68	-13.00	39.68	200.0	V	0.0	-97.5



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7.13. Test Band = WCDMA Band V

7.13.1. Test Mode =WCDMA/TM1

7.13.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.550000	-79.56	-13.00	66.56	Vertical
125.000000	-85.83	-13.00	72.83	Vertical
609.454167	-76.85	-13.00	63.85	Vertical
1654.500000	-62.94	-13.00	49.94	Vertical
2476.000000	-57.78	-13.00	44.78	Vertical
4135.875000	-63.24	-13.00	50.24	Vertical
63.750000	-75.73	-13.00	62.73	Horizontal
104.300000	-83.95	-13.00	70.95	Horizontal
619.354167	-75.50	-13.00	62.50	Horizontal
1651.500000	-64.28	-13.00	51.28	Horizontal
2476.500000	-58.02	-13.00	45.02	Horizontal
4135.875000	-62.76	-13.00	49.76	Horizontal



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7.13.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.400000	-80.14	-13.00	67.14	Vertical
125.000000	-84.78	-13.00	71.78	Vertical
595.658333	-77.29	-13.00	64.29	Vertical
1675.000000	-61.63	-13.00	48.63	Vertical
2513.000000	-56.19	-13.00	43.19	Vertical
4187.062500	-62.25	-13.00	49.25	Vertical
62.500000	-75.84	-13.00	62.84	Horizontal
270.250000	-64.77	-13.00	51.77	Horizontal
614.404167	-75.80	-13.00	62.80	Horizontal
1671.500000	-63.95	-13.00	50.95	Horizontal
2506.500000	-56.93	-13.00	43.93	Horizontal
4178.287500	-61.00	-13.00	48.00	Horizontal

7.13.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.000000	-79.84	-13.00	66.84	Vertical
125.000000	-84.79	-13.00	71.79	Vertical
592.175000	-77.20	-13.00	64.20	Vertical
1695.000000	-59.51	-13.00	46.51	Vertical
2536.500000	-55.19	-13.00	42.19	Vertical
4237.275000	-58.93	-13.00	45.93	Vertical
55.600000	-75.70	-13.00	62.70	Horizontal
104.300000	-83.93	-13.00	70.93	Horizontal
621.691667	-75.46	-13.00	62.46	Horizontal
1691.500000	-63.13	-13.00	50.13	Horizontal
2536.500000	-57.36	-13.00	44.36	Horizontal
4228.500000	-57.35	-13.00	44.35	Horizontal



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Remark:

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

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	8.38	0.004524	±2.5	PASS
Band2	9262	VN	NT	7.37	0.003979	±2.5	PASS
Band2	9262	VH	NT	4.49	0.002424	±2.5	PASS
Band2	9400	VL	NT	9.43	0.005016	±2.5	PASS
Band2	9400	VN	NT	10.89	0.005793	±2.5	PASS
Band2	9400	VH	NT	7.42	0.003947	±2.5	PASS
Band2	9538	VL	NT	16.11	0.008445	±2.5	PASS
Band2	9538	VN	NT	15.79	0.008277	±2.5	PASS
Band2	9538	VH	NT	16.57	0.008686	±2.5	PASS
Band4	1312	VL	NT	-13.78	-0.008047	±2.5	PASS
Band4	1312	VN	NT	-14.69	-0.008579	±2.5	PASS
Band4	1312	VH	NT	-10.85	-0.006336	±2.5	PASS
Band4	1413	VL	NT	-2.75	-0.001587	±2.5	PASS
Band4	1413	VN	NT	-2.18	-0.001258	±2.5	PASS
Band4	1413	VH	NT	-1.82	-0.001050	±2.5	PASS
Band4	1513	VL	NT	16.71	0.009534	±2.5	PASS
Band4	1513	VN	NT	18.01	0.010276	±2.5	PASS
Band4	1513	VH	NT	13.92	0.007942	±2.5	PASS
Band5	4132	VL	NT	1.32	0.001597	±2.5	PASS
Band5	4132	VN	NT	1.24	0.001500	±2.5	PASS
Band5	4132	VH	NT	1.35	0.001634	±2.5	PASS
Band5	4182	VL	NT	-0.24	-0.000287	±2.5	PASS
Band5	4182	VN	NT	-0.23	-0.000275	±2.5	PASS
Band5	4182	VH	NT	-0.34	-0.000407	±2.5	PASS
Band5	4233	VL	NT	-2.02	-0.002386	±2.5	PASS
Band5	4233	VN	NT	-2.24	-0.002646	±2.5	PASS
Band5	4233	VH	NT	-2.11	-0.002492	±2.5	PASS



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8.2. Frequency Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	1.79	0.000966	±2.5	PASS
Band2	9262	NV	-20	7.51	0.004054	±2.5	PASS
Band2	9262	NV	-10	6.81	0.003676	±2.5	PASS
Band2	9262	NV	0	4.94	0.002667	±2.5	PASS
Band2	9262	NV	10	5.23	0.002823	±2.5	PASS
Band2	9262	NV	20	2.01	0.001085	±2.5	PASS
Band2	9262	NV	30	5.00	0.002699	±2.5	PASS
Band2	9262	NV	40	6.58	0.003552	±2.5	PASS
Band2	9262	NV	50	4.30	0.002321	±2.5	PASS
Band2	9400	NV	-30	11.38	0.006053	±2.5	PASS
Band2	9400	NV	-20	15.76	0.008383	±2.5	PASS
Band2	9400	NV	-10	13.47	0.007165	±2.5	PASS
Band2	9400	NV	0	8.93	0.004750	±2.5	PASS
Band2	9400	NV	10	13.70	0.007287	±2.5	PASS
Band2	9400	NV	20	7.29	0.003878	±2.5	PASS
Band2	9400	NV	30	6.50	0.003457	±2.5	PASS
Band2	9400	NV	40	13.20	0.007021	±2.5	PASS
Band2	9400	NV	50	11.73	0.006239	±2.5	PASS
Band2	9538	NV	-30	16.25	0.008519	±2.5	PASS
Band2	9538	NV	-20	17.67	0.009263	±2.5	PASS
Band2	9538	NV	-10	14.76	0.007737	±2.5	PASS
Band2	9538	NV	0	14.98	0.007853	±2.5	PASS
Band2	9538	NV	10	13.96	0.007318	±2.5	PASS
Band2	9538	NV	20	15.41	0.008078	±2.5	PASS
Band2	9538	NV	30	12.21	0.006401	±2.5	PASS
Band2	9538	NV	40	14.50	0.007601	±2.5	PASS
Band2	9538	NV	50	14.71	0.007711	±2.5	PASS
Band4	1312	NV	-30	-15.46	-0.009028	±2.5	PASS
Band4	1312	NV	-20	-16.22	-0.009472	±2.5	PASS
Band4	1312	NV	-10	-15.88	-0.009274	±2.5	PASS
Band4	1312	NV	0	-14.01	-0.008181	±2.5	PASS
Band4	1312	NV	10	-13.00	-0.007592	±2.5	PASS
Band4	1312	NV	20	-15.24	-0.008900	±2.5	PASS



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Band4	1312	NV	30	-14.85	-0.008672	±2.5	PASS
Band4	1312	NV	40	-13.09	-0.007644	±2.5	PASS
Band4	1312	NV	50	-12.99	-0.007586	±2.5	PASS
Band4	1413	NV	-30	-1.21	-0.000698	±2.5	PASS
Band4	1413	NV	-20	-1.14	-0.000658	±2.5	PASS
Band4	1413	NV	-10	-1.63	-0.000941	±2.5	PASS
Band4	1413	NV	0	-3.51	-0.002026	±2.5	PASS
Band4	1413	NV	10	-0.32	-0.000185	±2.5	PASS
Band4	1413	NV	20	-2.08	-0.001201	±2.5	PASS
Band4	1413	NV	30	-1.89	-0.001091	±2.5	PASS
Band4	1413	NV	40	-0.35	-0.000202	±2.5	PASS
Band4	1413	NV	50	-5.23	-0.003019	±2.5	PASS
Band4	1513	NV	-30	13.69	0.007811	±2.5	PASS
Band4	1513	NV	-20	14.21	0.008108	±2.5	PASS
Band4	1513	NV	-10	10.97	0.006259	±2.5	PASS
Band4	1513	NV	0	13.11	0.007480	±2.5	PASS
Band4	1513	NV	10	15.93	0.009089	±2.5	PASS
Band4	1513	NV	20	14.01	0.007994	±2.5	PASS
Band4	1513	NV	30	13.60	0.007760	±2.5	PASS
Band4	1513	NV	40	14.88	0.008490	±2.5	PASS
Band4	1513	NV	50	14.01	0.007994	±2.5	PASS
Band5	4132	NV	-30	1.39	0.001682	±2.5	PASS
Band5	4132	NV	-20	1.38	0.001670	±2.5	PASS
Band5	4132	NV	-10	1.49	0.001803	±2.5	PASS
Band5	4132	NV	0	1.53	0.001851	±2.5	PASS
Band5	4132	NV	10	1.42	0.001718	±2.5	PASS
Band5	4132	NV	20	1.45	0.001755	±2.5	PASS
Band5	4132	NV	30	1.57	0.001900	±2.5	PASS
Band5	4132	NV	40	1.42	0.001718	±2.5	PASS
Band5	4132	NV	50	1.39	0.001682	±2.5	PASS
Band5	4182	NV	-30	-0.32	-0.000383	±2.5	PASS
Band5	4182	NV	-20	-0.28	-0.000335	±2.5	PASS
Band5	4182	NV	-10	-0.19	-0.000227	±2.5	PASS
Band5	4182	NV	0	-0.42	-0.000502	±2.5	PASS
Band5	4182	NV	10	-0.31	-0.000371	±2.5	PASS
Band5	4182	NV	20	-0.31	-0.000371	±2.5	PASS
Band5	4182	NV	30	-0.35	-0.000418	±2.5	PASS



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Band5	4182	NV	40	-0.19	-0.000227	±2.5	PASS
Band5	4182	NV	50	-0.35	-0.000418	±2.5	PASS
Band5	4233	NV	-30	-2.30	-0.002717	±2.5	PASS
Band5	4233	NV	-20	-2.38	-0.002811	±2.5	PASS
Band5	4233	NV	-10	-2.16	-0.002551	±2.5	PASS
Band5	4233	NV	0	-2.05	-0.002421	±2.5	PASS
Band5	4233	NV	10	-2.19	-0.002587	±2.5	PASS
Band5	4233	NV	20	-2.28	-0.002693	±2.5	PASS
Band5	4233	NV	30	-2.20	-0.002599	±2.5	PASS
Band5	4233	NV	40	-2.15	-0.002540	±2.5	PASS
Band5	4233	NV	50	-2.23	-0.002634	±2.5	PASS

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