



# Appendix B

## WCDMA Band II & IV & V



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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	22.83	19.8	33.00	PASS
Band II	9400	22.58	19.55	33.00	PASS
Band II	9538	22.51	19.48	33.00	PASS
Band IV	1312	22.91	21.46	30.00	PASS
Band IV	1413	23.15	21.7	30.00	PASS
Band IV	1513	23.35	21.9	30.00	PASS

Band	Channel	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band V	4132	23.38	15.28	38.45	PASS
Band V	4182	23.39	15.29	38.45	PASS
Band V	4233	23.41	15.31	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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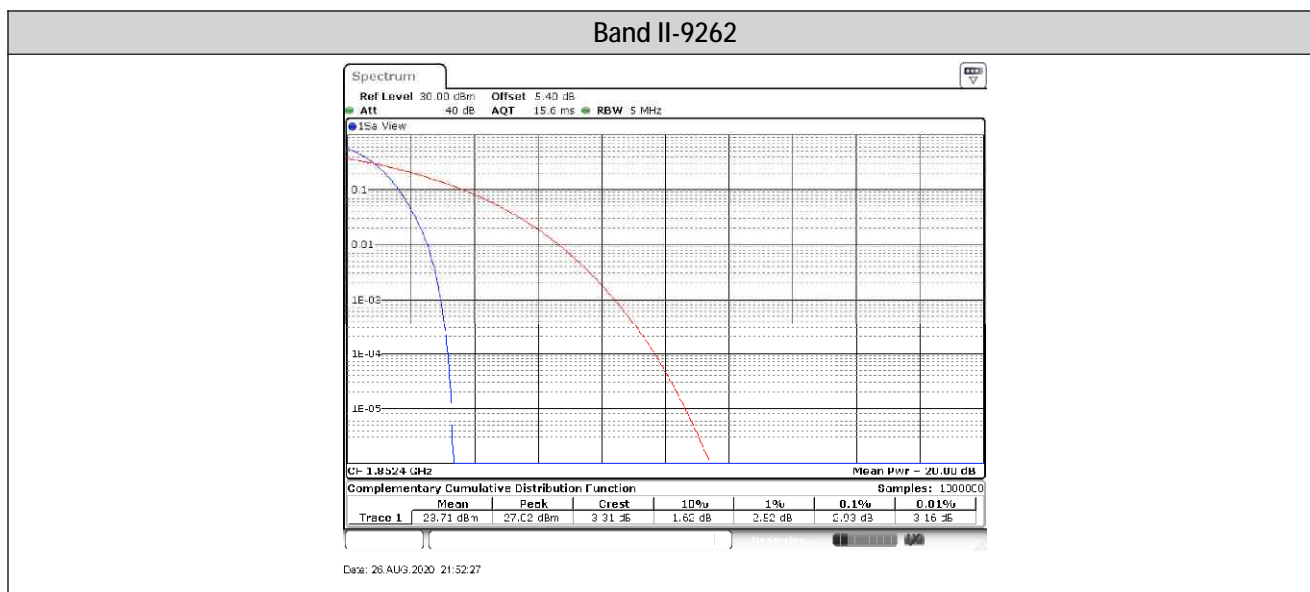


## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	9262	2.93	13	PASS
Band II	9400	3.01	13	PASS
Band II	9538	3.01	13	PASS
Band IV	1312	2.93	13	PASS
Band IV	1413	3.01	13	PASS
Band IV	1513	2.84	13	PASS
Band V	4132	3.1	13	PASS
Band V	4182	2.81	13	PASS
Band V	4233	2.72	13	PASS

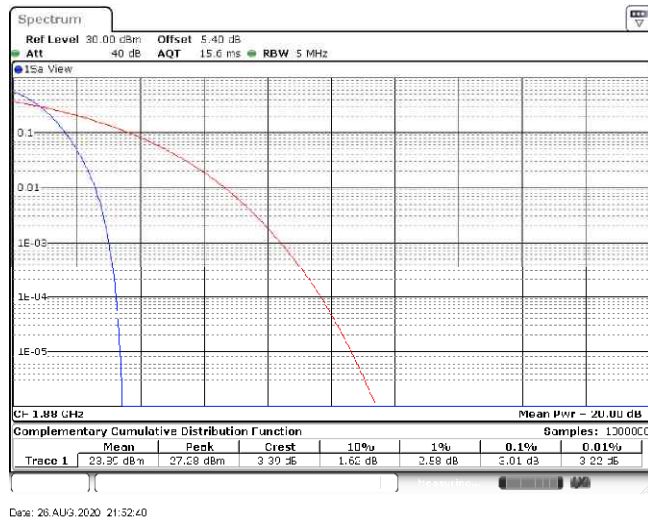
### 2.2. Test Plots



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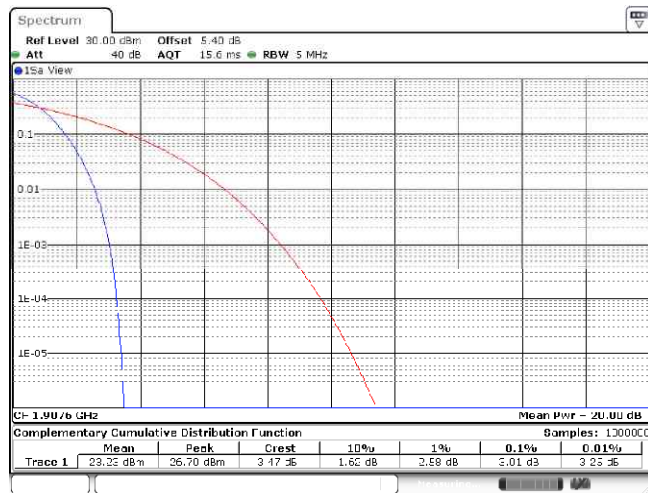


**Band II-9400**



Date: 26 AUG 2020 21:52:40

**Band II-9538**

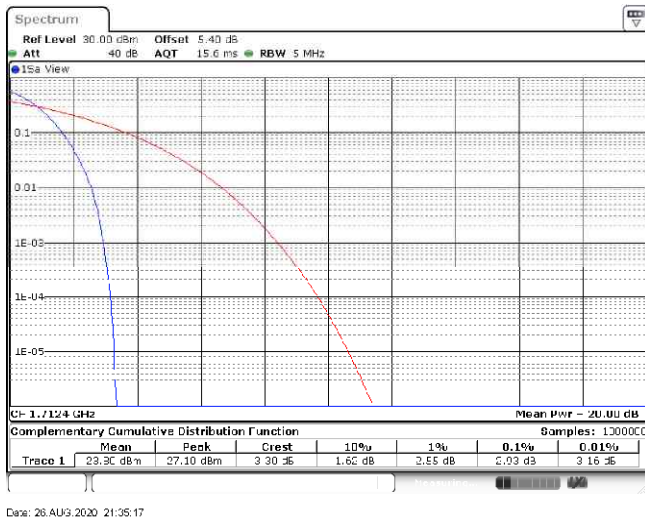


Date: 26 AUG 2020 21:53:05



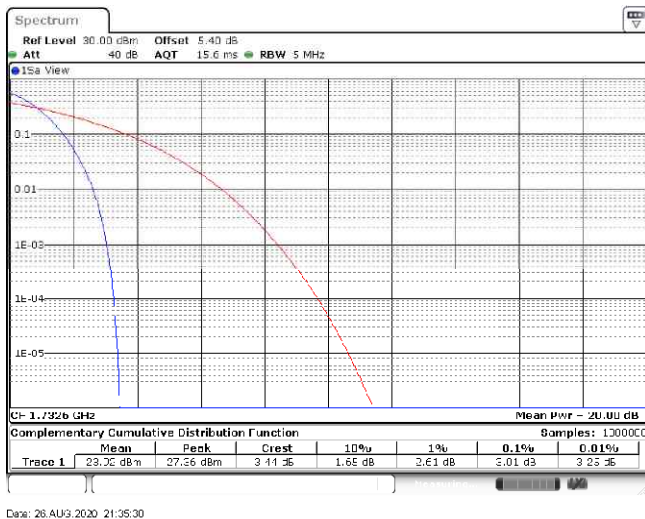
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**Band IV-1312**



Date: 26 AUG.2020 21:35:17

**Band IV-1413**

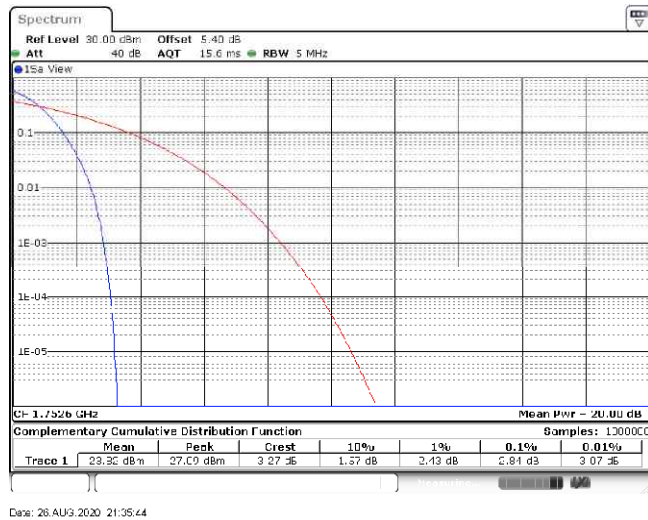


Date: 26 AUG.2020 21:35:30



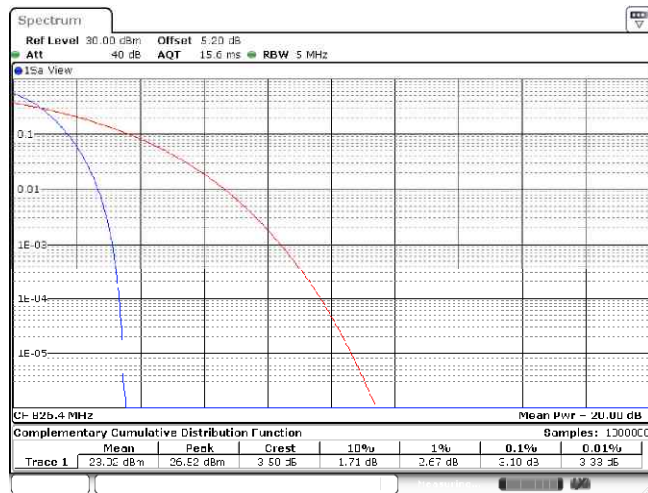
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**Band IV-1513**



Date: 26.AUG.2020 21:35:44

**Band V-4132**



Date: 26.AUG.2020 21:41:20

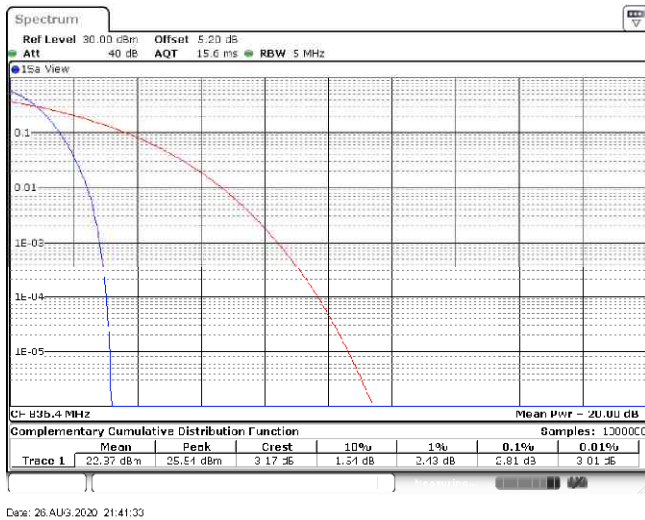


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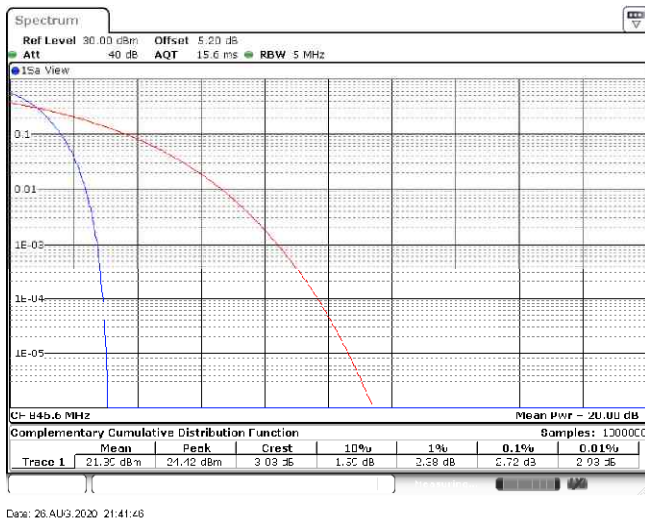


**Band V-4182**



Date: 26.AUG.2020 21:41:33

**Band V-4233**



Date: 26.AUG.2020 21:41:46



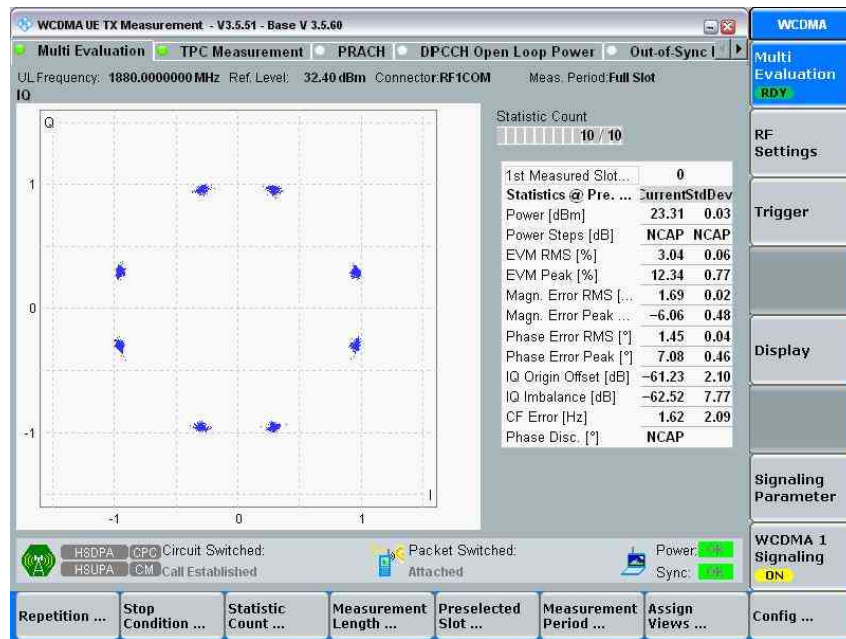
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### 3. Modulation Characteristics

#### 3.1. Test Band = WCDMA Band II

##### 3.1.1. Test Mode = UMTS/TM1

##### 3.1.1.1. Test Channel = MCH



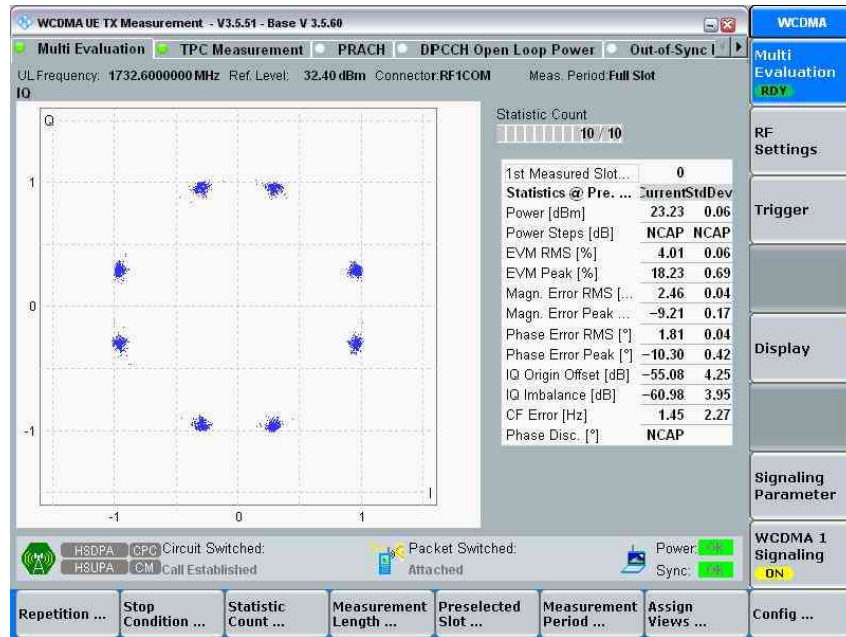
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### 3.2. Test Band = WCDMA Band IV

#### 3.2.1. Test Mode = UMTS/TM1

##### 3.2.1.1. Test Channel = MCH



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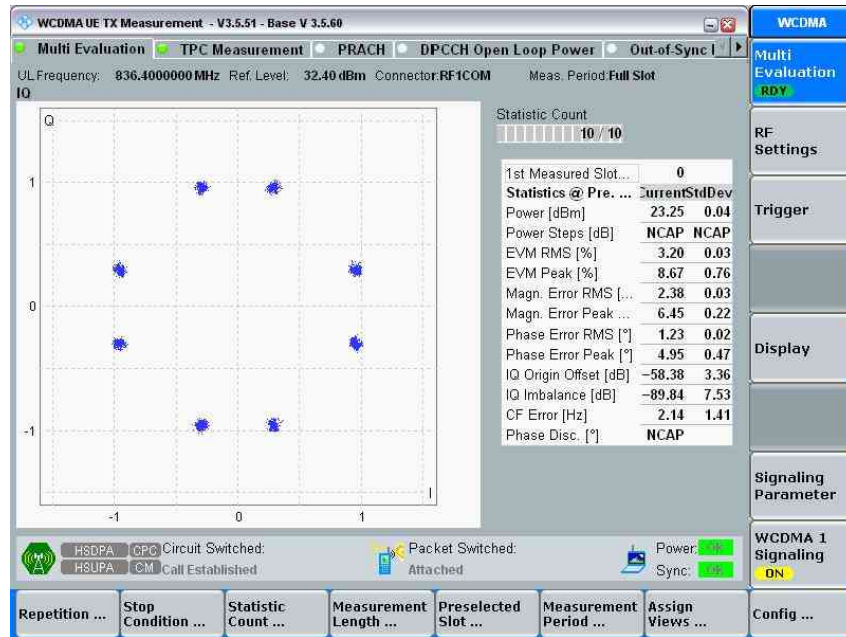
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### 3.3. Test Band = WCDMA Band V

#### 3.3.1. Test Mode = UMTS/TM1

##### 3.3.1.1. Test Channel = MCH



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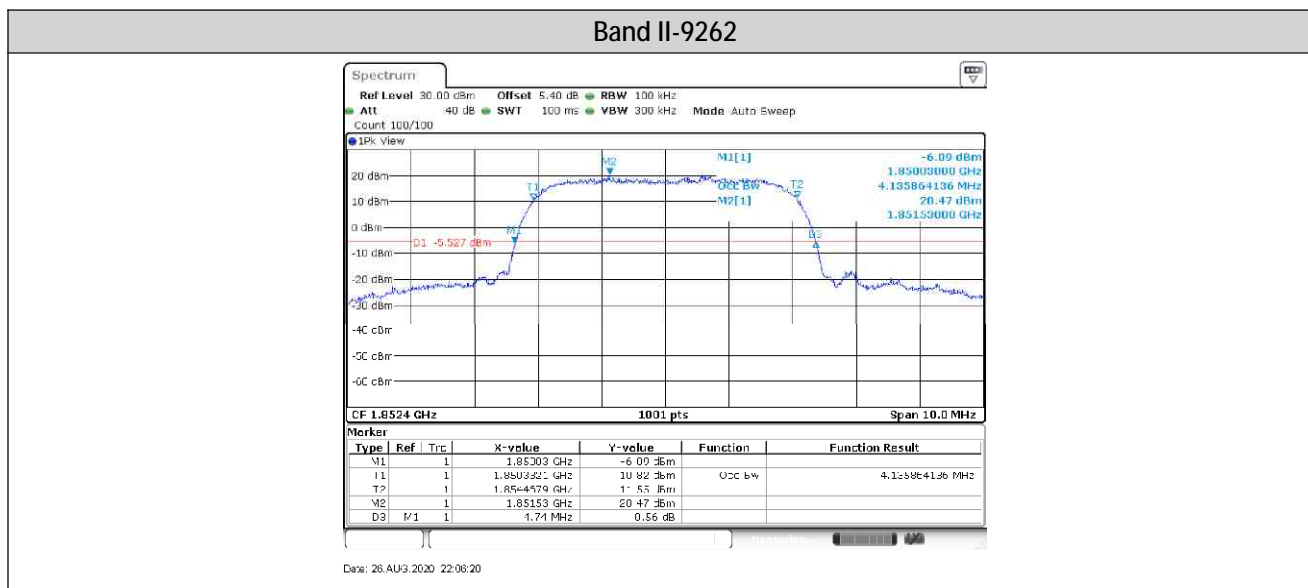


## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

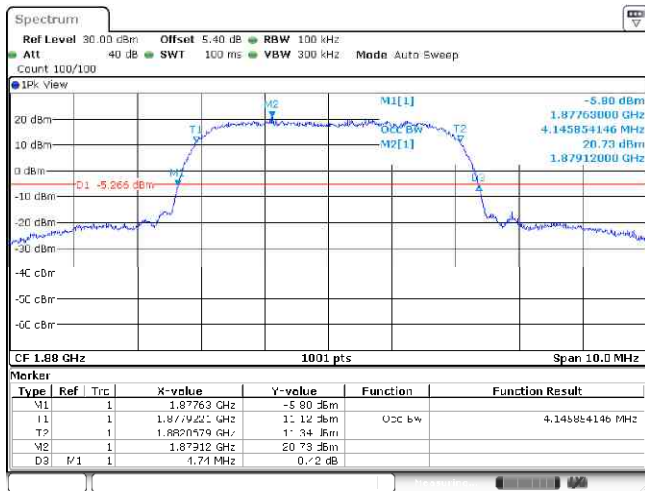
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4.136	4.740	---	PASS
Band II	9400	4.146	4.740	---	PASS
Band II	9538	4.146	4.740	---	PASS
Band IV	1312	4.116	4.740	---	PASS
Band IV	1413	4.126	4.730	---	PASS
Band IV	1513	4.136	4.750	---	PASS
Band V	4132	4.136	4.720	---	PASS
Band V	4182	4.126	4.720	---	PASS
Band V	4233	4.146	4.730	---	PASS

### 4.2. Test Plots



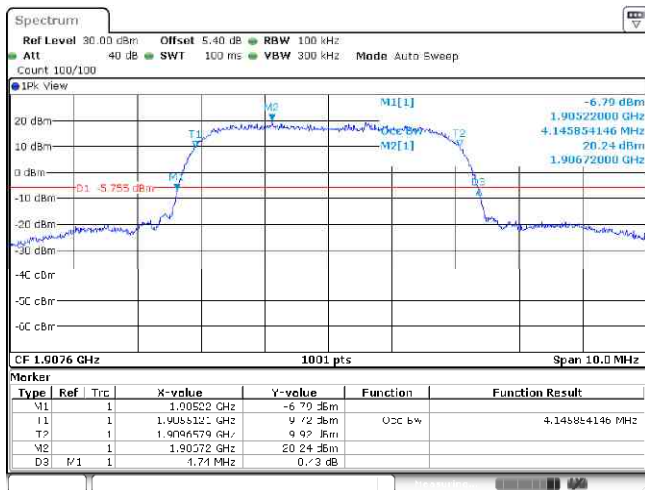
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**Band II-9400**



Date: 26.AUG.2020 22:08:42

**Band II-9538**

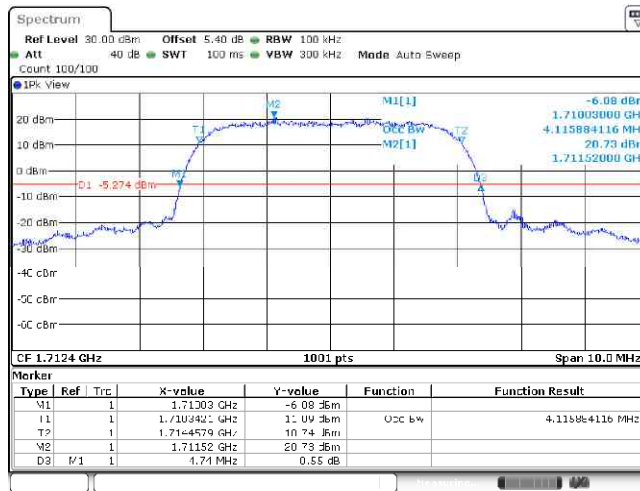


Date: 26.AUG.2020 22:07:04



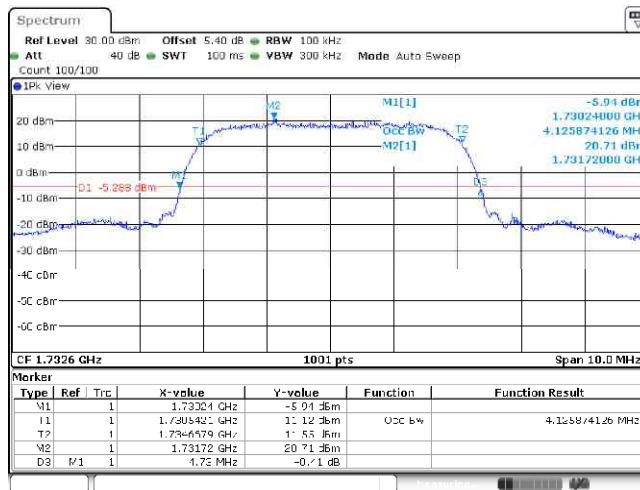
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

**Band IV-1312**



Date: 26 AUG 2020 22:21:42

**Band IV-1413**

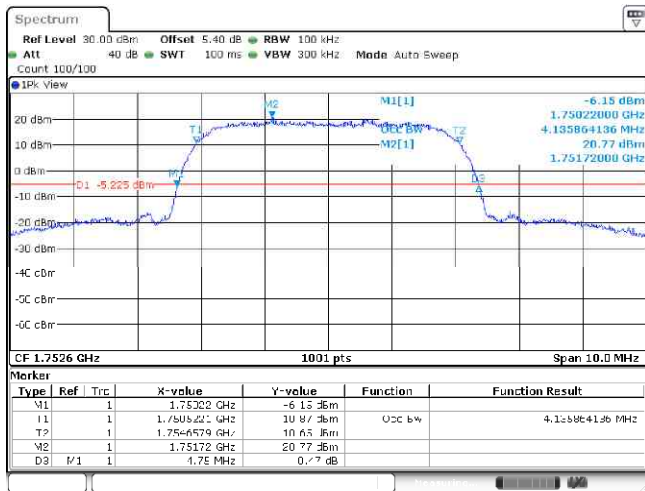


Date: 26 AUG 2020 22:22:04



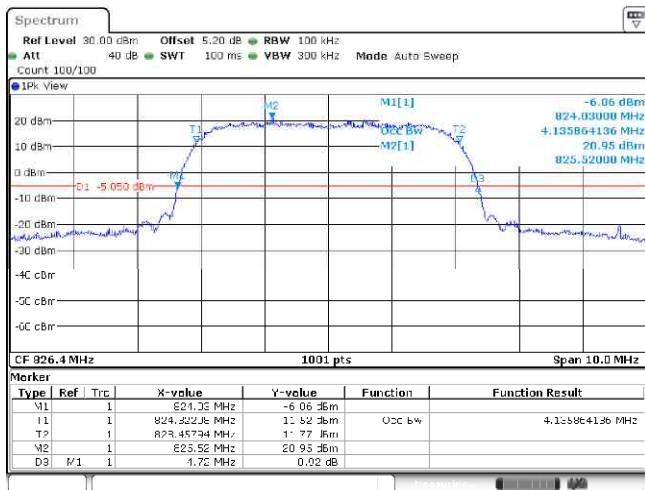
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Band IV-1513



Date: 26 AUG 2020 22:22:26

Band V-4132



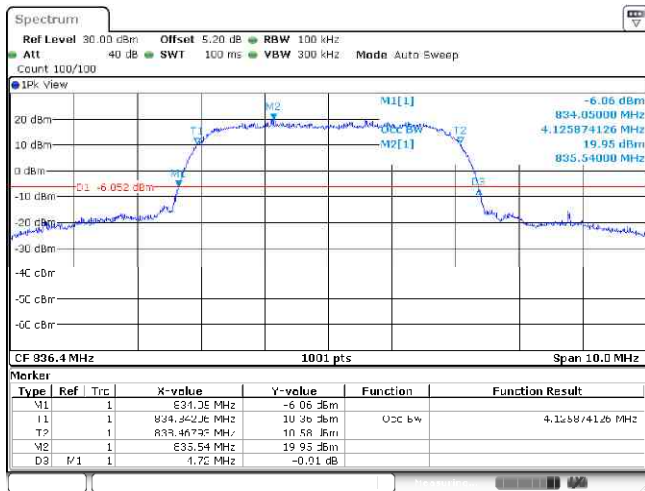
Date: 26 AUG 2020 22:49:53



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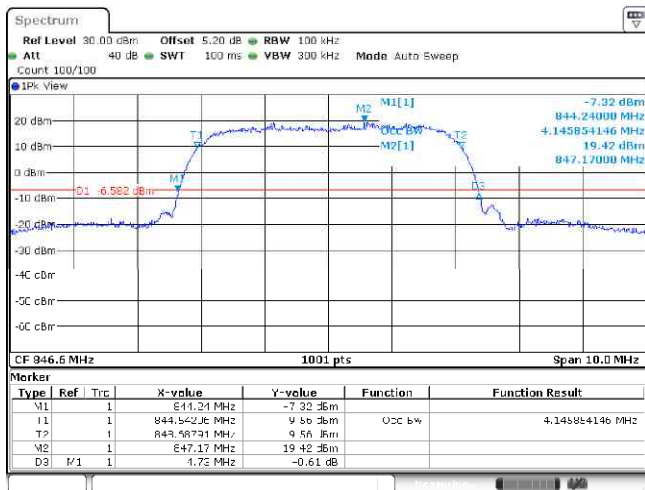


Band V-4182



Date: 26 AUG 2020 22:30:15

Band V-4233



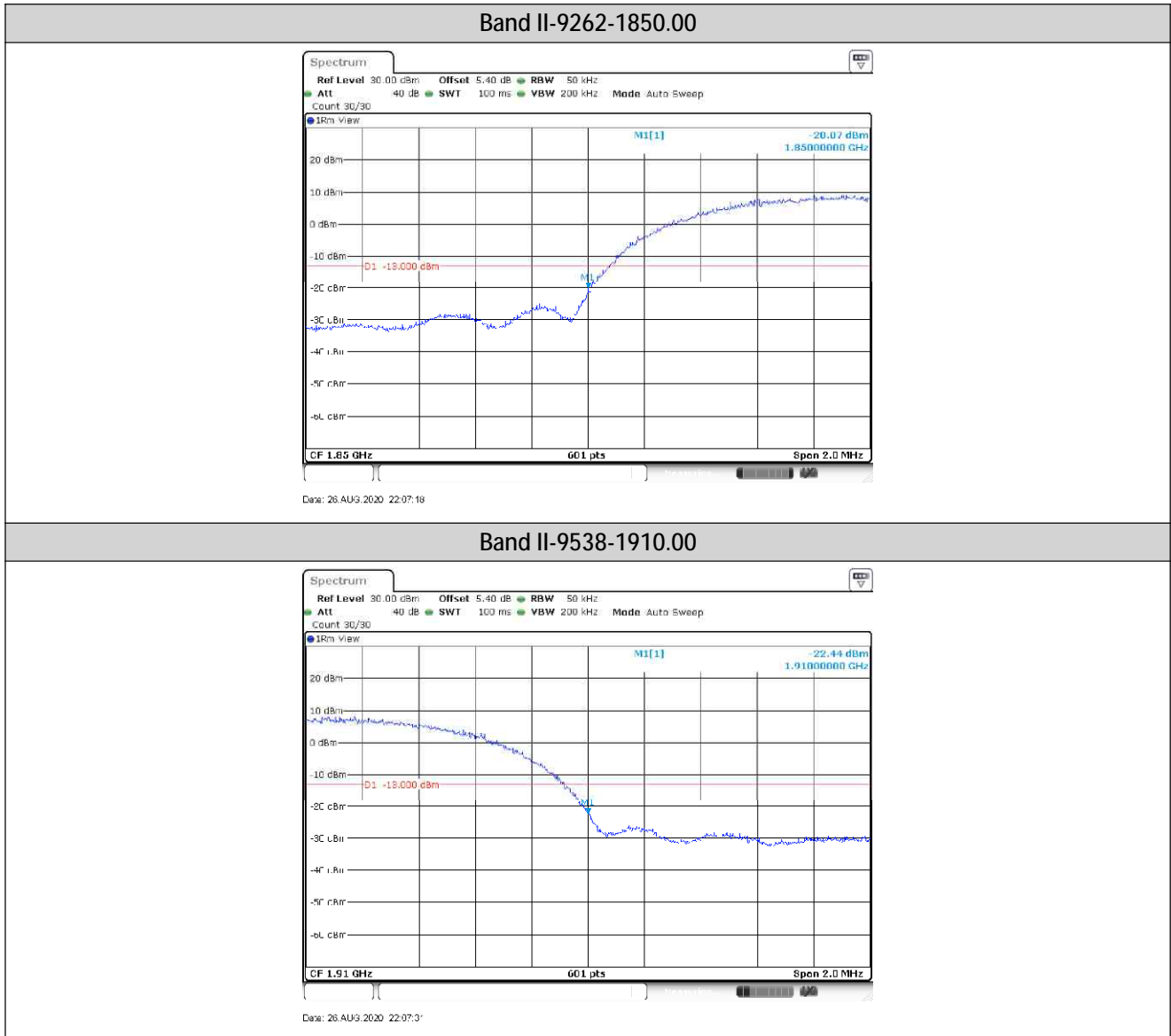
Date: 26 AUG 2020 22:30:37



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## 5. Band Edge Compliance

### 5.1. Test Plots

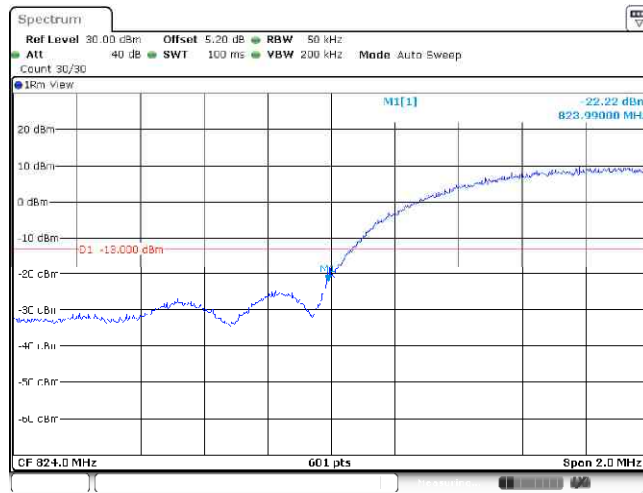


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**Band V-4132-823.99**



Date: 26.AUG.2020 22:30:57

**Band V-4233-849.19**



Date: 26.AUG.2020 22:51:05



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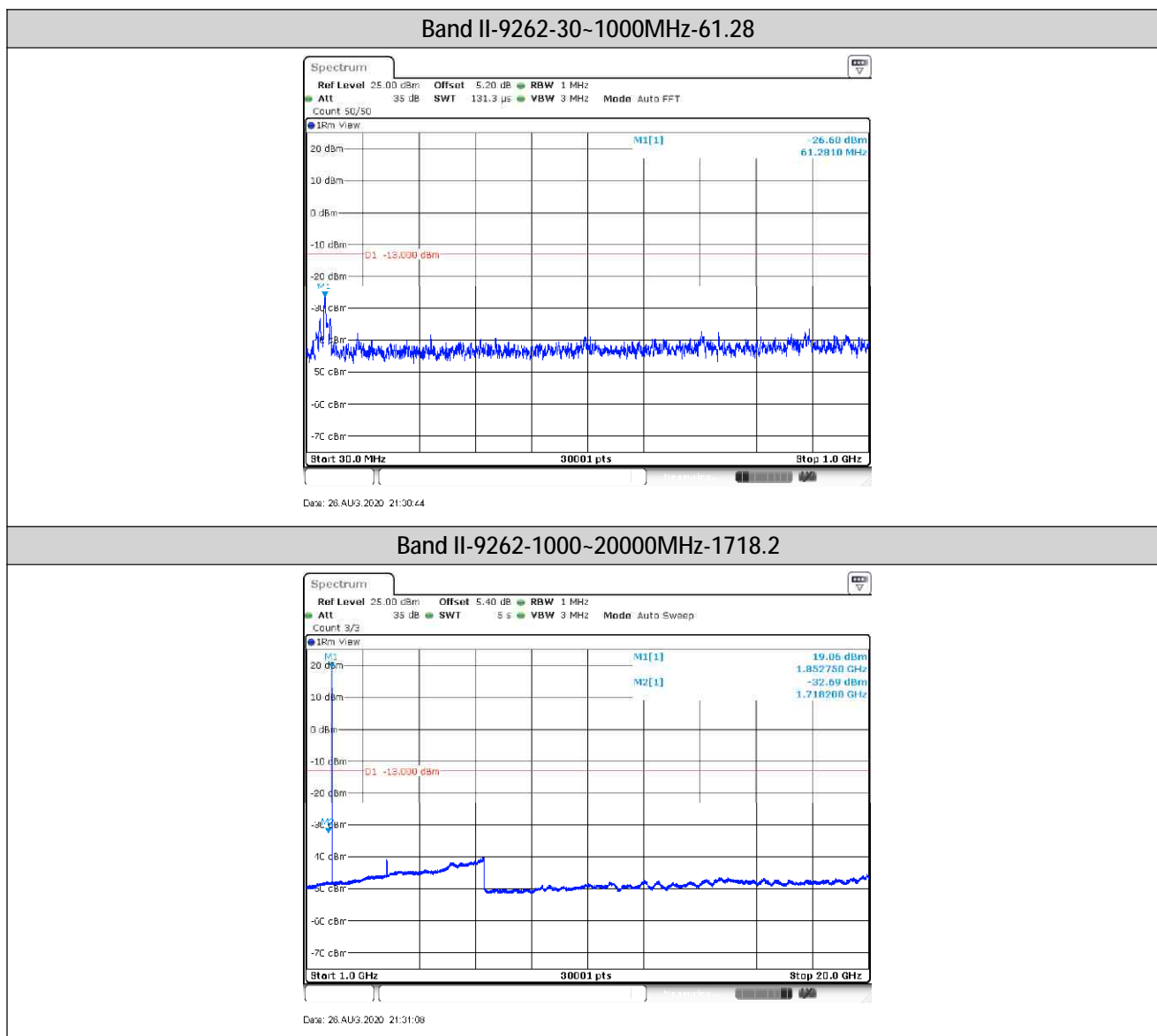


## 6. Spurious Emission at Antenna Terminal

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

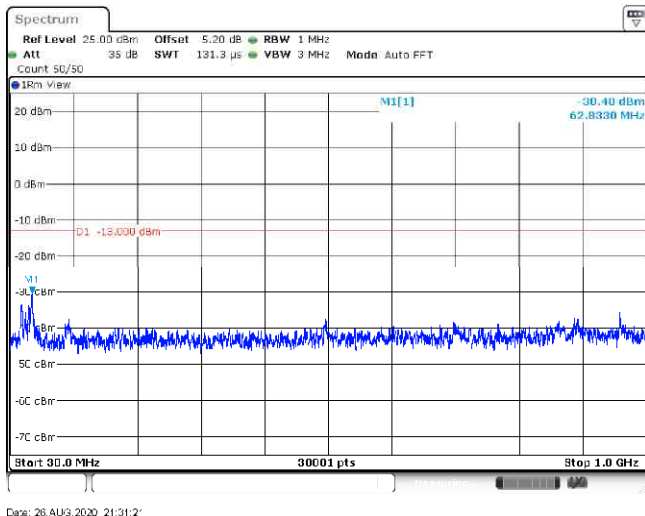


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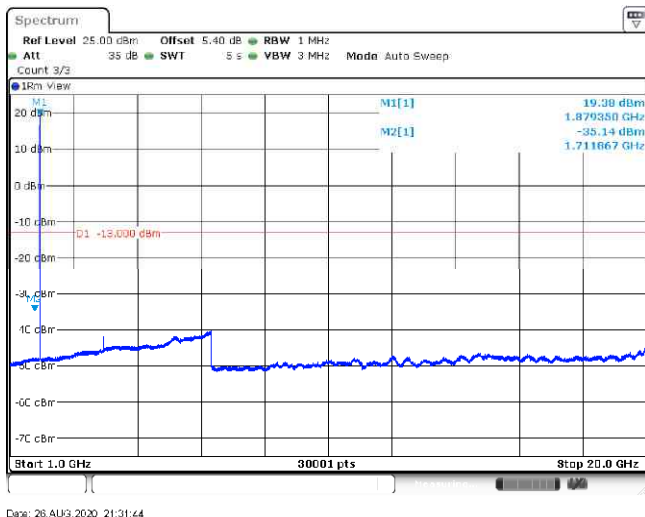
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Band II-9400-30~1000MHz-62.83



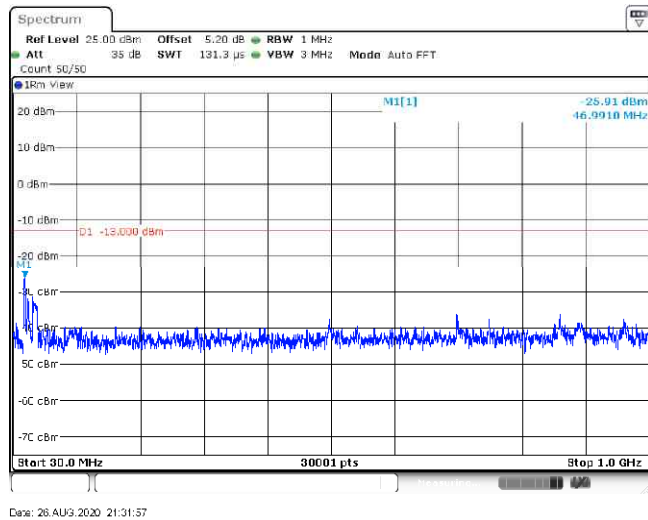
Band II-9400-1000~20000MHz-1711.87



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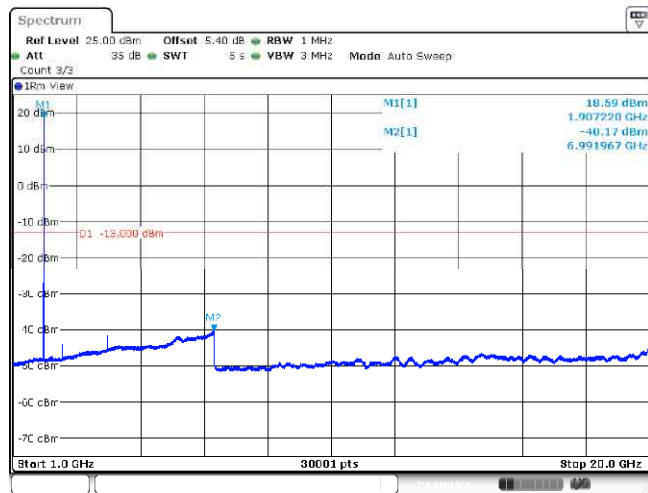
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**Band II-9538-30~1000MHz-46.99**



Date: 26 AUG.2020 21:31:57

**Band II-9538-1000~20000MHz-6991.97**



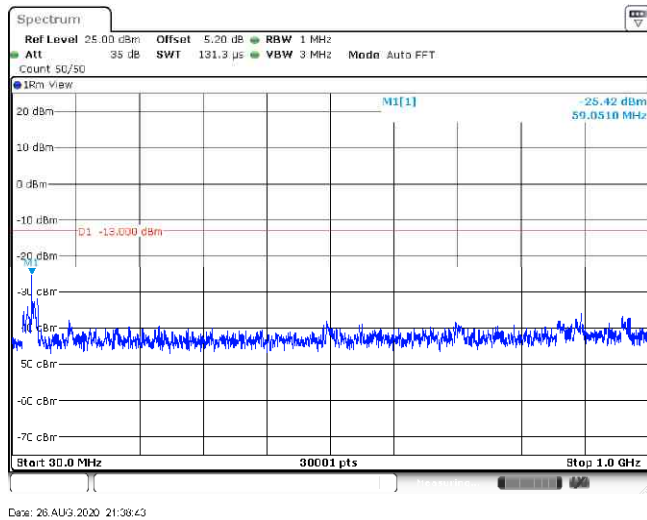
Date: 26 AUG.2020 21:32:27



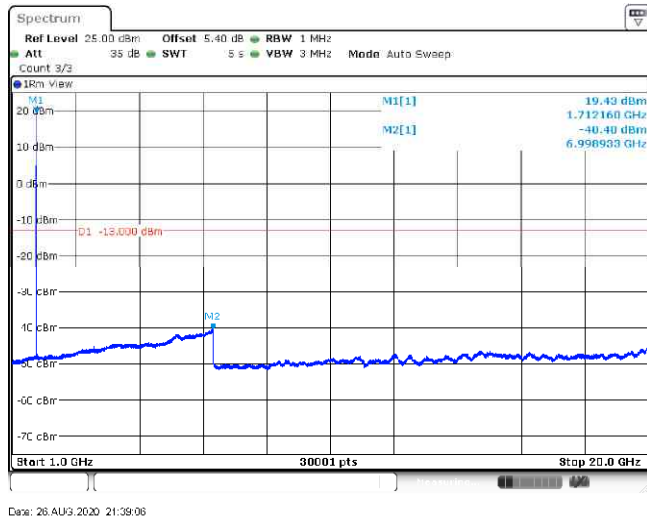
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Band IV-1312-30~1000MHz-59.05



Band IV-1312-1000~20000MHz-6998.93



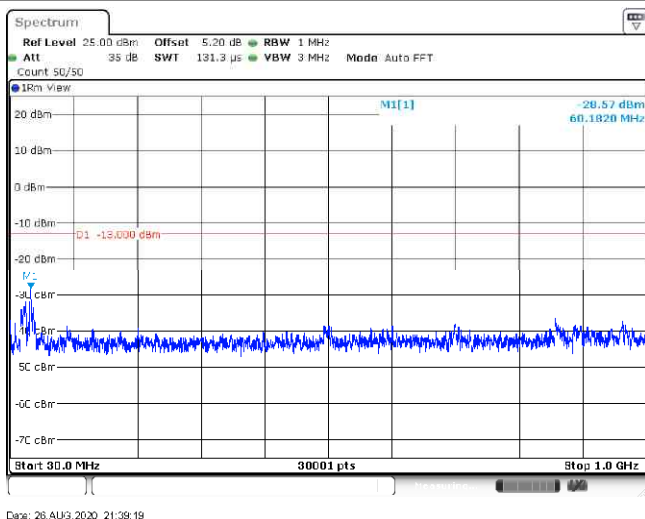
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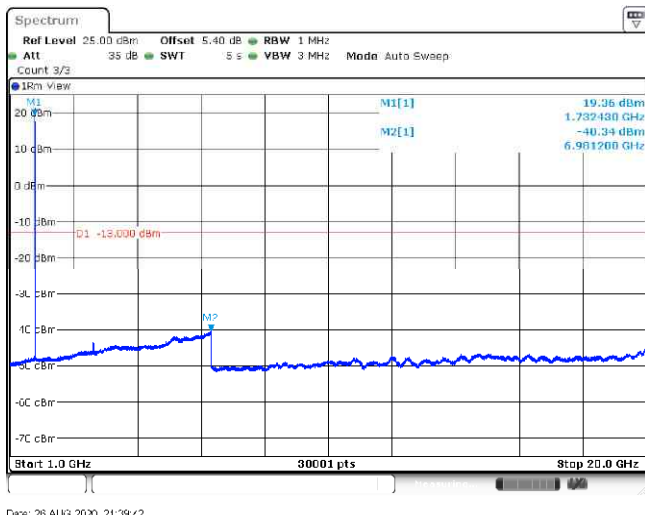


Band IV-1413-30~1000MHz-60.18



Date: 26 AUG.2020 21:39:19

Band IV-1413-1000~20000MHz-6981.2

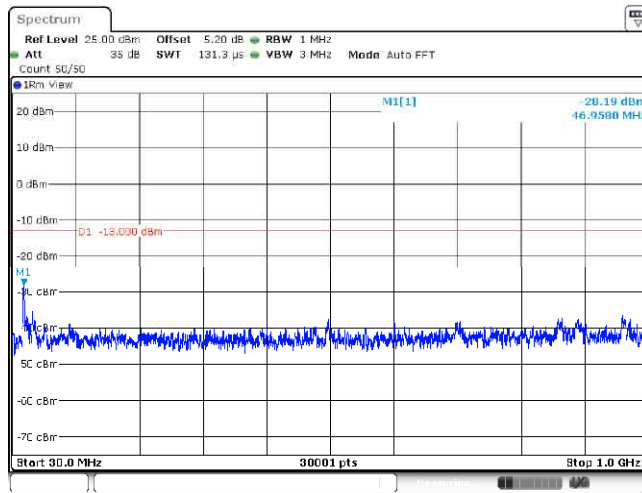


Date: 26 AUG.2020 21:39:42



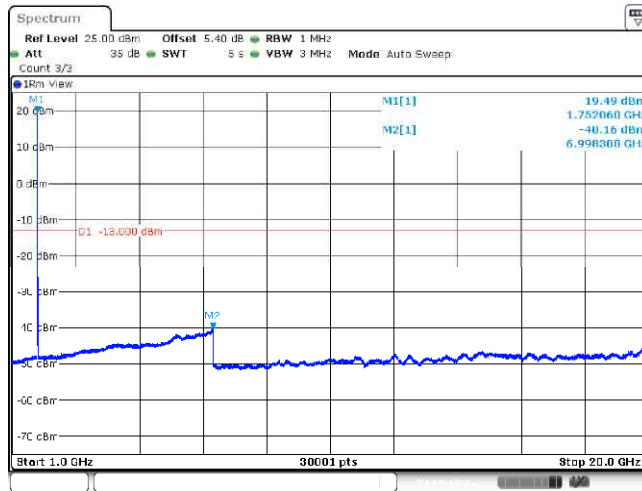
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**Band IV-1513-30~1000MHz-46.96**



Date: 26 AUG.2020 21:39:35

**Band IV-1513-1000~20000MHz-6998.3**

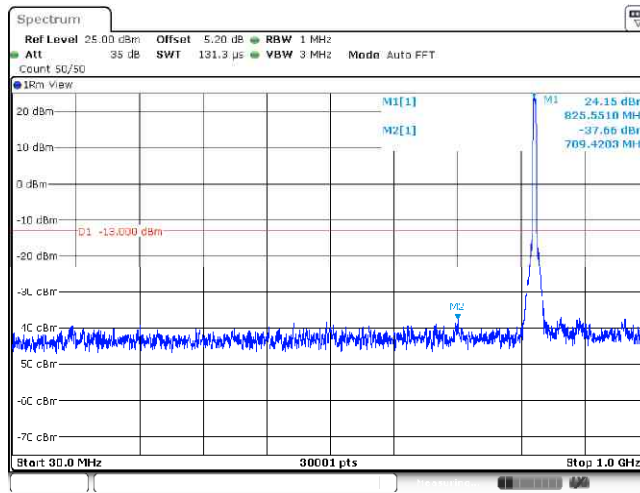


Date: 26 AUG.2020 21:40:19

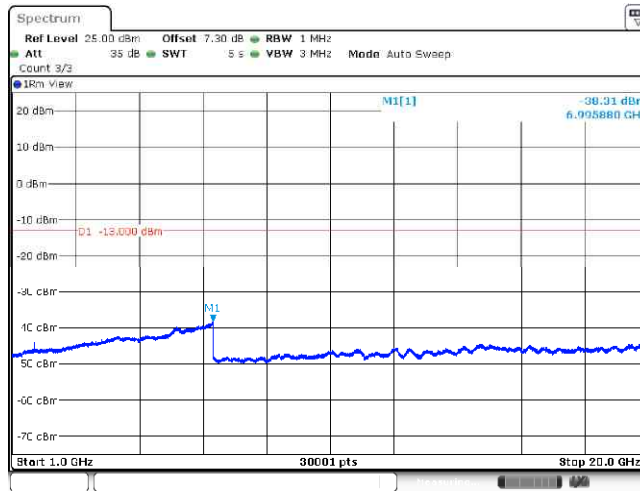


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**Band V-4132-30~1000MHz-709.42**

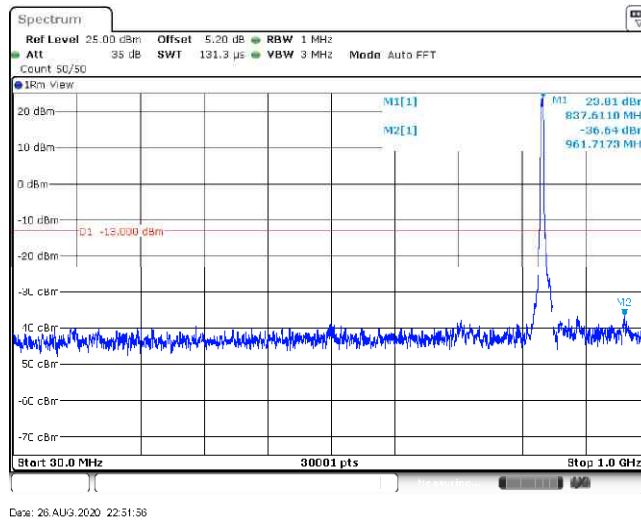


**Band V-4132-1000~20000MHz-6995.88**

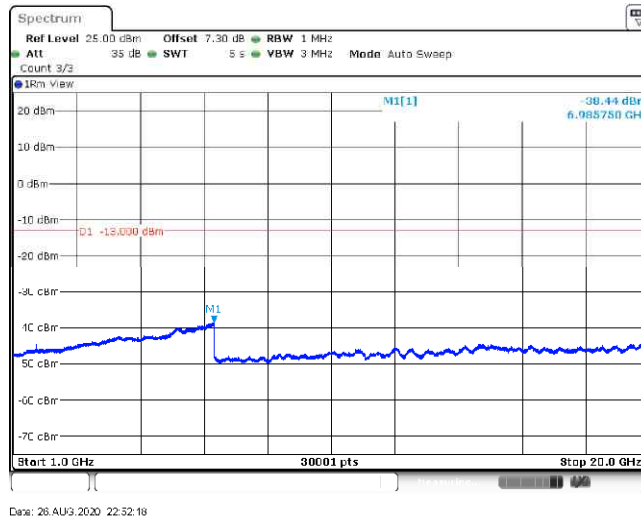


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**Band V-4182-30~1000MHz-961.72**



**Band V-4182-1000~20000MHz-6985.75**



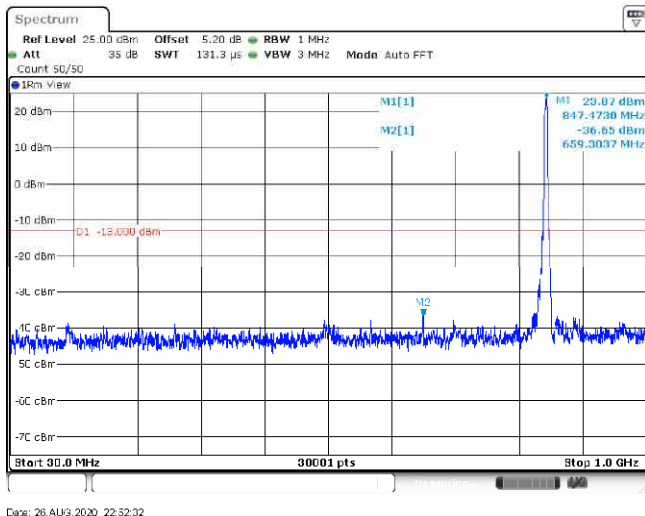
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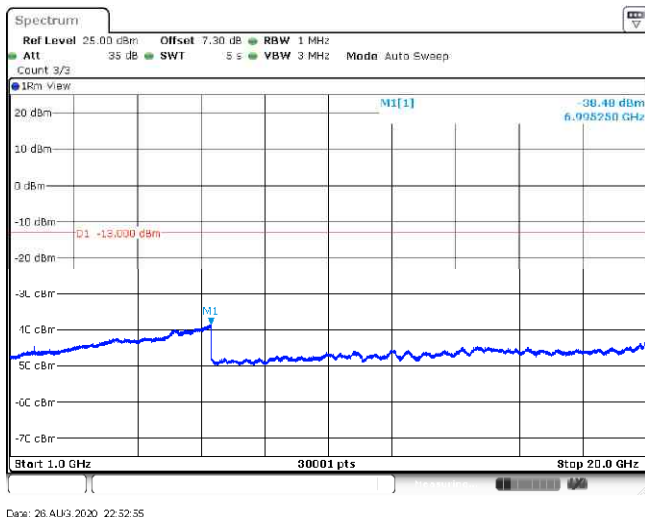




Band V-4233-30~1000MHz-659.3



Band V-4233-1000~20000MHz-6995.25



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = WCDMA Band II

#### 7.1.1. Test Mode = WCDMA/TM1 (Up Antenna)

##### 7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.8489	-71.37	-13.00	58.37	Vertical
110.9505	-64.65	-13.00	51.65	Vertical
594.8107	-63.32	-13.00	50.32	Vertical
2697.1394	-36.93	-13.00	23.93	Vertical
3706.5236	-59.75	-13.00	46.75	Vertical
17999.5000	-40.43	-13.00	27.43	Vertical
48.4309	-64.50	-13.00	51.50	Horizontal
234.6802	-67.60	-13.00	54.60	Horizontal
498.2424	-65.99	-13.00	52.99	Horizontal
2699.9400	-35.66	-13.00	22.66	Horizontal
3706.5236	-53.66	-13.00	40.66	Horizontal
16399.4466	-43.91	-13.00	30.91	Horizontal



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**7.1.1.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.5950	-70.49	-13.00	57.49	Vertical
111.0476	-64.60	-13.00	51.60	Vertical
834.0247	-59.25	-13.00	46.25	Vertical
3758.5253	-60.81	-13.00	47.81	Vertical
7361.1454	-56.26	-13.00	43.26	Vertical
17998.5000	-40.01	-13.00	27.01	Vertical
44.1627	-63.95	-13.00	50.95	Horizontal
245.1083	-67.24	-13.00	54.24	Horizontal
583.9462	-64.12	-13.00	51.12	Horizontal
3762.0254	-55.89	-13.00	42.89	Horizontal
9343.2114	-52.99	-13.00	39.99	Horizontal
16407.9469	-43.93	-13.00	30.93	Horizontal

**7.1.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.8489	-71.09	-13.00	58.09	Vertical
118.5654	-64.32	-13.00	51.32	Vertical
632.7881	-63.73	-13.00	50.73	Vertical
3814.0271	-61.05	-13.00	48.05	Vertical
7322.1441	-55.93	-13.00	42.93	Vertical
17995.9999	-39.83	-13.00	26.83	Vertical
40.5250	-64.09	-13.00	51.09	Horizontal
232.0126	-67.17	-13.00	54.17	Horizontal
507.1184	-66.10	-13.00	53.10	Horizontal
3816.5272	-55.81	-13.00	42.81	Horizontal
7461.6487	-56.18	-13.00	43.18	Horizontal
16395.9465	-44.05	-13.00	31.05	Horizontal



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## 7.1.2. Test Mode =WCDMA/TM1 (Down Antenna)

### 7.1.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.3525	-72.33	-13.00	59.33	Vertical
115.8978	-64.44	-13.00	51.44	Vertical
440.2820	-67.24	-13.00	54.24	Vertical
3729.0243	-62.19	-13.00	49.19	Vertical
7385.6462	-56.28	-13.00	43.28	Vertical
17989.4997	-40.66	-13.00	27.66	Vertical
44.8417	-64.39	-13.00	51.39	Horizontal
96.6908	-75.29	-13.00	62.29	Horizontal
232.4491	-67.82	-13.00	54.82	Horizontal
3707.0236	-57.51	-13.00	44.51	Horizontal
7988.1663	-56.43	-13.00	43.43	Horizontal
16393.9465	-44.29	-13.00	31.29	Horizontal



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**7.1.2.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
52.5536	-72.67	-13.00	59.67	Vertical
111.0476	-65.26	-13.00	52.26	Vertical
603.4442	-64.36	-13.00	51.36	Vertical
3626.0209	-61.74	-13.00	48.74	Vertical
7380.6460	-55.68	-13.00	42.68	Vertical
17996.9999	-40.31	-13.00	27.31	Vertical
41.0101	-64.14	-13.00	51.14	Horizontal
96.1088	-76.08	-13.00	63.08	Horizontal
247.4849	-68.28	-13.00	55.28	Horizontal
3758.0253	-58.75	-13.00	45.75	Horizontal
7472.1491	-56.88	-13.00	43.88	Horizontal
16390.9464	-43.94	-13.00	30.94	Horizontal

**7.1.2.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1156	-74.96	-13.00	61.96	Vertical
109.9320	-64.20	-13.00	51.20	Vertical
400.8010	-67.57	-13.00	54.57	Vertical
5074.0691	-62.33	-13.00	49.33	Vertical
8002.6668	-56.20	-13.00	43.20	Vertical
17996.9999	-40.87	-13.00	27.87	Vertical
41.1556	-64.31	-13.00	51.31	Horizontal
101.0076	-75.73	-13.00	62.73	Horizontal
232.9341	-67.95	-13.00	54.95	Horizontal
3817.0272	-61.23	-13.00	48.23	Horizontal
7455.1485	-56.48	-13.00	43.48	Horizontal
16392.9464	-43.69	-13.00	30.69	Horizontal



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## 7.2. Test Band = WCDMA Band IV (Up Antenna)

### 7.2.1. Test Mode = WCDMA/TM1

#### 7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.9345	-69.48	-13.00	56.48	Vertical
115.7038	-62.52	-13.00	49.52	Vertical
553.6322	-63.30	-13.00	50.30	Vertical
3597.5199	-60.57	-13.00	47.57	Vertical
7498.6500	-53.40	-13.00	40.40	Vertical
17988.9996	-34.10	-13.00	21.10	Vertical
40.7675	-62.47	-13.00	49.47	Horizontal
237.8329	-65.58	-13.00	52.58	Horizontal
562.2656	-61.50	-13.00	48.50	Horizontal
3426.5142	-48.24	-13.00	35.24	Horizontal
7456.1485	-53.82	-13.00	40.82	Horizontal
16399.9467	-35.59	-13.00	22.59	Horizontal



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**7.2.1.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.3710	-70.31	-13.00	57.31	Vertical
111.6781	-62.74	-13.00	49.74	Vertical
285.1228	-66.72	-13.00	53.72	Vertical
5598.0866	-59.27	-13.00	46.27	Vertical
9775.2258	-49.48	-13.00	36.48	Vertical
17991.4997	-34.21	-13.00	21.21	Vertical
44.1627	-62.42	-13.00	49.42	Horizontal
81.7036	-72.38	-13.00	59.38	Horizontal
244.3322	-65.28	-13.00	52.28	Horizontal
3463.5155	-52.29	-13.00	39.29	Horizontal
7477.6493	-53.75	-13.00	40.75	Horizontal
16397.9466	-35.44	-13.00	22.44	Horizontal

**7.2.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-73.98	-13.00	60.98	Vertical
109.9805	-63.35	-13.00	50.35	Vertical
368.3529	-65.53	-13.00	52.53	Vertical
3507.5169	-59.01	-13.00	46.01	Vertical
7418.6473	-53.30	-13.00	40.30	Vertical
17997.4999	-34.36	-13.00	21.36	Vertical
46.3938	-62.89	-13.00	49.89	Horizontal
104.6452	-73.36	-13.00	60.36	Horizontal
241.8101	-65.18	-13.00	52.18	Horizontal
3503.5168	-47.89	-13.00	34.89	Horizontal
7443.1481	-53.71	-13.00	40.71	Horizontal
16403.9468	-35.73	-13.00	22.73	Horizontal



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### 7.3. Test Band = WCDMA Band IV (Down Antenna)

#### 7.3.1. Test Mode = WCDMA/TM1

##### 7.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.4309	-70.89	-13.00	57.89	Vertical
110.9020	-62.89	-13.00	49.89	Vertical
343.0347	-66.55	-13.00	53.55	Vertical
3591.5197	-60.42	-13.00	47.42	Vertical
7482.6494	-53.10	-13.00	40.10	Vertical
17997.9999	-34.08	-13.00	21.08	Vertical
44.5022	-62.85	-13.00	49.85	Horizontal
98.8249	-73.84	-13.00	60.84	Horizontal
236.2808	-64.93	-13.00	51.93	Horizontal
3423.0141	-57.82	-13.00	44.82	Horizontal
7452.6484	-53.87	-13.00	40.87	Horizontal
16385.4462	-35.58	-13.00	22.58	Horizontal



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**7.3.1.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.7890	-70.55	-13.00	57.55	Vertical
108.4769	-62.54	-13.00	49.54	Vertical
291.6706	-66.26	-13.00	53.26	Vertical
5061.5687	-60.16	-13.00	47.16	Vertical
9304.7102	-49.67	-13.00	36.67	Vertical
17988.9996	-33.98	-13.00	20.98	Vertical
41.2041	-62.66	-13.00	49.66	Horizontal
87.7664	-72.68	-13.00	59.68	Horizontal
233.2737	-64.70	-13.00	51.70	Horizontal
3464.0155	-56.57	-13.00	43.57	Horizontal
7362.6454	-54.46	-13.00	41.46	Horizontal
16399.4466	-35.29	-13.00	22.29	Horizontal

**7.3.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1156	-74.42	-13.00	61.42	Vertical
109.8350	-62.91	-13.00	49.91	Vertical
290.3610	-65.75	-13.00	52.75	Vertical
3843.5281	-60.80	-13.00	47.80	Vertical
7435.6479	-53.46	-13.00	40.46	Vertical
17992.9998	-33.91	-13.00	20.91	Vertical
42.3681	-62.82	-13.00	49.82	Horizontal
85.2928	-72.86	-13.00	59.86	Horizontal
232.5461	-65.23	-13.00	52.23	Horizontal
3503.5168	-58.12	-13.00	45.12	Horizontal
7435.1478	-53.30	-13.00	40.30	Horizontal
16399.4466	-35.38	-13.00	22.38	Horizontal



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## 7.4. Test Band = WCDMA Band V(Up Antenna)

### 7.4.1. Test Mode =WCDMA/TM1

#### 7.4.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.6435	-71.10	-13.00	58.10	Vertical
115.8493	-65.39	-13.00	52.39	Vertical
299.4795	-69.14	-13.00	56.14	Vertical
1554.1108	-62.04	-13.00	49.04	Vertical
2655.5311	-51.51	-13.00	38.51	Vertical
9882.8628	-52.33	-13.00	39.33	Vertical
44.5507	-64.62	-13.00	51.62	Horizontal
99.8435	-75.63	-13.00	62.63	Horizontal
247.1454	-67.12	-13.00	54.12	Horizontal
1653.7307	-61.26	-13.00	48.26	Horizontal
2701.5403	-50.87	-13.00	37.87	Horizontal
9309.0770	-52.47	-13.00	39.47	Horizontal



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**7.4.1.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.7590	-72.40	-13.00	59.40	Vertical
110.9505	-65.11	-13.00	52.11	Vertical
340.5125	-68.77	-13.00	55.77	Vertical
1568.9138	-61.75	-13.00	48.75	Vertical
2653.1306	-51.30	-13.00	38.30	Vertical
9889.6297	-52.35	-13.00	39.35	Vertical
44.6477	-64.03	-13.00	51.03	Horizontal
169.2020	-71.73	-13.00	58.73	Horizontal
231.8671	-68.09	-13.00	55.09	Horizontal
1699.7399	-60.58	-13.00	47.58	Horizontal
2655.5311	-50.75	-13.00	37.75	Horizontal
9544.9848	-52.83	-13.00	39.83	Horizontal

**7.4.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.7219	-71.97	-13.00	58.97	Vertical
110.0290	-64.36	-13.00	51.36	Vertical
337.8934	-68.06	-13.00	55.06	Vertical
1700.1400	-59.42	-13.00	46.42	Vertical
2652.3305	-51.73	-13.00	38.73	Vertical
9847.6283	-52.40	-13.00	39.40	Vertical
46.1998	-64.42	-13.00	51.42	Horizontal
237.2024	-68.18	-13.00	55.18	Horizontal
407.3489	-68.00	-13.00	55.00	Horizontal
1600.1200	-61.37	-13.00	48.37	Horizontal
2653.5307	-50.76	-13.00	37.76	Horizontal
9295.3098	-52.43	-13.00	39.43	Horizontal



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**7.5. Test Band = WCDMA Band V(Down Antenna)**

**7.5.1. Test Mode =WCDMA/TM1**

**7.5.1.1. Test Channel = LCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.8560	-72.31	-13.00	59.31	Vertical
110.3685	-65.27	-13.00	52.27	Vertical
319.3170	-68.87	-13.00	55.87	Vertical
1642.1284	-61.07	-13.00	48.07	Vertical
2699.5399	-52.01	-13.00	39.01	Vertical
7458.9153	-56.38	-13.00	43.38	Vertical
41.8831	-64.25	-13.00	51.25	Horizontal
102.7536	-75.40	-13.00	62.40	Horizontal
236.1353	-67.85	-13.00	54.85	Horizontal
1653.7307	-60.53	-13.00	47.53	Horizontal
2589.9180	-50.38	-13.00	37.38	Horizontal
7365.8122	-56.30	-13.00	43.30	Horizontal



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**7.5.1.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.3668	-72.02	-13.00	59.02	Vertical
108.9134	-65.37	-13.00	52.37	Vertical
523.9487	-65.72	-13.00	52.72	Vertical
1811.3623	-60.16	-13.00	47.16	Vertical
2577.1154	-52.38	-13.00	39.38	Vertical
7379.1126	-55.85	-13.00	42.85	Vertical
44.7932	-64.84	-13.00	51.84	Horizontal
100.5710	-75.74	-13.00	62.74	Horizontal
236.7658	-68.34	-13.00	55.34	Horizontal
1800.1600	-59.57	-13.00	46.57	Horizontal
2700.3401	-50.94	-13.00	37.94	Horizontal
7985.5662	-56.61	-13.00	43.61	Horizontal

**7.5.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.2027	-72.03	-13.00	59.03	Vertical
106.8278	-65.79	-13.00	52.79	Vertical
389.8395	-67.36	-13.00	54.36	Vertical
1700.1400	-59.98	-13.00	46.98	Vertical
2861.5723	-51.85	-13.00	38.85	Vertical
7356.2452	-55.45	-13.00	42.45	Vertical
41.0586	-64.85	-13.00	51.85	Horizontal
229.3935	-68.15	-13.00	55.15	Horizontal
1599.7199	-61.30	-13.00	48.30	Horizontal
2699.1398	-50.89	-13.00	37.89	Horizontal
7455.8819	-56.80	-13.00	43.80	Horizontal
9307.6769	-52.66	-13.00	39.66	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

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	NT	0.95	0.000513	±2.5	PASS
Band II	9262	VN	NT	0.73	0.000394	±2.5	PASS
Band II	9262	VH	NT	1.18	0.000637	±2.5	PASS
Band II	9400	VL	NT	-2.21	-0.001176	±2.5	PASS
Band II	9400	VN	NT	-2.37	-0.001261	±2.5	PASS
Band II	9400	VH	NT	-2.20	-0.001170	±2.5	PASS
Band II	9538	VL	NT	-7.50	-0.003932	±2.5	PASS
Band II	9538	VN	NT	-7.43	-0.003895	±2.5	PASS
Band II	9538	VH	NT	-7.44	-0.003900	±2.5	PASS
Band IV	1312	VL	NT	14.72	0.008596	±2.5	PASS
Band IV	1312	VN	NT	10.96	0.006400	±2.5	PASS
Band IV	1312	VH	NT	15.74	0.009192	±2.5	PASS
Band IV	1413	VL	NT	-2.20	-0.001270	±2.5	PASS
Band IV	1413	VN	NT	-2.66	-0.001535	±2.5	PASS
Band IV	1413	VH	NT	-2.73	-0.001576	±2.5	PASS
Band IV	1513	VL	NT	-19.73	-0.011258	±2.5	PASS
Band IV	1513	VN	NT	-19.92	-0.011366	±2.5	PASS
Band IV	1513	VH	NT	-19.75	-0.011269	±2.5	PASS
Band V	4132	VL	NT	-0.55	-0.000666	±2.5	PASS
Band V	4132	VN	NT	-0.24	-0.000290	±2.5	PASS
Band V	4132	VH	NT	-0.32	-0.000387	±2.5	PASS
Band V	4182	VL	NT	0.14	0.000167	±2.5	PASS
Band V	4182	VN	NT	0.02	0.000024	±2.5	PASS
Band V	4182	VH	NT	0.04	0.000048	±2.5	PASS
Band V	4233	VL	NT	0.80	0.000945	±2.5	PASS
Band V	4233	VN	NT	0.75	0.000886	±2.5	PASS
Band V	4233	VH	NT	0.84	0.000992	±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
Band II	9262	NV	-30	1.46	0.000788	±2.5	PASS
Band II	9262	NV	-20	1.49	0.000804	±2.5	PASS
Band II	9262	NV	-10	1.67	0.000902	±2.5	PASS
Band II	9262	NV	0	1.95	0.001053	±2.5	PASS
Band II	9262	NV	10	2.05	0.001107	±2.5	PASS
Band II	9262	NV	20	2.36	0.001274	±2.5	PASS
Band II	9262	NV	30	2.18	0.001177	±2.5	PASS
Band II	9262	NV	40	2.33	0.001258	±2.5	PASS
Band II	9262	NV	50	2.23	0.001204	±2.5	PASS
Band II	9400	NV	-30	-2.08	-0.001106	±2.5	PASS
Band II	9400	NV	-20	-2.09	-0.001112	±2.5	PASS
Band II	9400	NV	-10	-2.20	-0.001170	±2.5	PASS
Band II	9400	NV	0	-2.20	-0.001170	±2.5	PASS
Band II	9400	NV	10	-1.93	-0.001027	±2.5	PASS
Band II	9400	NV	20	-2.22	-0.001181	±2.5	PASS
Band II	9400	NV	30	-2.10	-0.001117	±2.5	PASS
Band II	9400	NV	40	-2.16	-0.001149	±2.5	PASS
Band II	9400	NV	50	-2.19	-0.001165	±2.5	PASS
Band II	9538	NV	-30	-7.46	-0.003911	±2.5	PASS
Band II	9538	NV	-20	-7.62	-0.003995	±2.5	PASS
Band II	9538	NV	-10	-7.50	-0.003932	±2.5	PASS
Band II	9538	NV	0	-7.52	-0.003942	±2.5	PASS
Band II	9538	NV	10	-7.47	-0.003916	±2.5	PASS
Band II	9538	NV	20	-7.55	-0.003958	±2.5	PASS
Band II	9538	NV	30	-7.52	-0.003942	±2.5	PASS
Band II	9538	NV	40	-7.57	-0.003968	±2.5	PASS
Band II	9538	NV	50	-7.50	-0.003932	±2.5	PASS
Band IV	1312	NV	-30	16.31	0.009525	±2.5	PASS
Band IV	1312	NV	-20	16.79	0.009805	±2.5	PASS
Band IV	1312	NV	-10	16.94	0.009893	±2.5	PASS
Band IV	1312	NV	0	17.07	0.009968	±2.5	PASS
Band IV	1312	NV	10	17.09	0.009980	±2.5	PASS
Band IV	1312	NV	20	17.34	0.010126	±2.5	PASS



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Band IV	1312	NV	30	17.32	0.010114	±2.5	PASS
Band IV	1312	NV	40	17.49	0.010214	±2.5	PASS
Band IV	1312	NV	50	17.19	0.010039	±2.5	PASS
Band IV	1413	NV	-30	-2.44	-0.001408	±2.5	PASS
Band IV	1413	NV	-20	-2.47	-0.001426	±2.5	PASS
Band IV	1413	NV	-10	-1.90	-0.001097	±2.5	PASS
Band IV	1413	NV	0	-2.32	-0.001339	±2.5	PASS
Band IV	1413	NV	10	-2.65	-0.001529	±2.5	PASS
Band IV	1413	NV	20	-2.25	-0.001299	±2.5	PASS
Band IV	1413	NV	30	-2.42	-0.001397	±2.5	PASS
Band IV	1413	NV	40	-1.60	-0.000923	±2.5	PASS
Band IV	1413	NV	50	-2.30	-0.001327	±2.5	PASS
Band IV	1513	NV	-30	-19.82	-0.011309	±2.5	PASS
Band IV	1513	NV	-20	-19.91	-0.011360	±2.5	PASS
Band IV	1513	NV	-10	-20.06	-0.011446	±2.5	PASS
Band IV	1513	NV	0	-19.96	-0.011389	±2.5	PASS
Band IV	1513	NV	10	-20.23	-0.011543	±2.5	PASS
Band IV	1513	NV	20	-20.07	-0.011452	±2.5	PASS
Band IV	1513	NV	30	-20.03	-0.011429	±2.5	PASS
Band IV	1513	NV	40	-20.06	-0.011446	±2.5	PASS
Band IV	1513	NV	50	-20.07	-0.011452	±2.5	PASS
Band V	4132	NV	-30	-0.43	-0.000520	±2.5	PASS
Band V	4132	NV	-20	-0.42	-0.000508	±2.5	PASS
Band V	4132	NV	-10	-0.41	-0.000496	±2.5	PASS
Band V	4132	NV	0	-0.34	-0.000411	±2.5	PASS
Band V	4132	NV	10	-0.27	-0.000327	±2.5	PASS
Band V	4132	NV	20	-0.29	-0.000351	±2.5	PASS
Band V	4132	NV	30	-0.33	-0.000399	±2.5	PASS
Band V	4132	NV	40	-0.26	-0.000315	±2.5	PASS
Band V	4132	NV	50	-0.31	-0.000375	±2.5	PASS
Band V	4182	NV	-30	0.13	0.000155	±2.5	PASS
Band V	4182	NV	-20	-0.03	-0.000036	±2.5	PASS
Band V	4182	NV	-10	0.08	0.000096	±2.5	PASS
Band V	4182	NV	0	0.13	0.000155	±2.5	PASS
Band V	4182	NV	10	0.01	0.000012	±2.5	PASS
Band V	4182	NV	20	-0.01	-0.000012	±2.5	PASS
Band V	4182	NV	30	0.14	0.000167	±2.5	PASS



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Band V	4182	NV	40	0.05	0.000060	±2.5	PASS
Band V	4182	NV	50	0.04	0.000048	±2.5	PASS
Band V	4233	NV	-30	0.87	0.001028	±2.5	PASS
Band V	4233	NV	-20	0.89	0.001051	±2.5	PASS
Band V	4233	NV	-10	0.82	0.000969	±2.5	PASS
Band V	4233	NV	0	0.83	0.000980	±2.5	PASS
Band V	4233	NV	10	0.83	0.000980	±2.5	PASS
Band V	4233	NV	20	0.83	0.000980	±2.5	PASS
Band V	4233	NV	30	0.77	0.000910	±2.5	PASS
Band V	4233	NV	40	0.86	0.001016	±2.5	PASS
Band V	4233	NV	50	0.73	0.000862	±2.5	PASS

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