Appendix B

WCDMA Band II & IV & V

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1. Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1：

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	23.98	25.28	33.00	PASS
Band II	9400	23.95	25.25	33.00	PASS
Band II	9538	24.08	25.38	33.00	PASS
Band IV	1312	24.02	24.02	30.00	PASS
Band IV	1413	23.91	23.91	30.00	PASS
Band IV	1513	23.87	23.87	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	24.14	17.49	38.45	PASS
Band V	4182	24.15	17.5	38.45	PASS
Band V	4233	24.02	17.37	38.45	PASS

ANT2：

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	9262	21.00	20.2	33.00	PASS
Band II	9400	21.13	20.33	33.00	PASS
Band II	9538	21.06	20.26	33.00	PASS
Band IV	1312	20.39	19.89	30.00	PASS
Band IV	1413	20.44	19.94	30.00	PASS
Band IV	1513	20.33	19.83	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.95	17.3	38.45	PASS
Band V	4182	24.08	17.43	38.45	PASS
Band V	4233	23.91	17.26	38.45	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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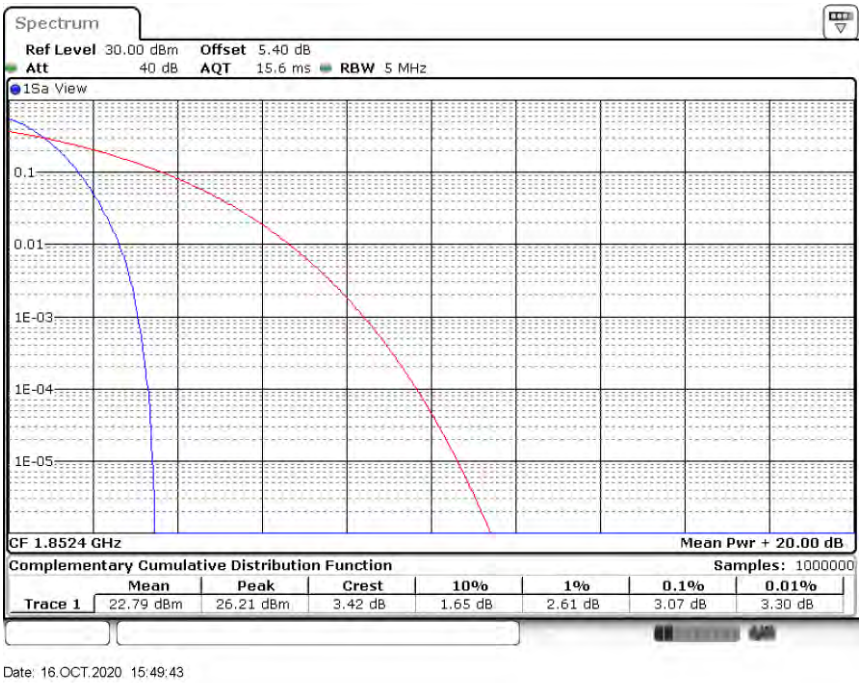
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.07	13	PASS
Band2	9400	3.07	13	PASS
Band2	9538	3.04	13	PASS
Band4	1312	3.13	13	PASS
Band4	1413	3.1	13	PASS
Band4	1513	3.13	13	PASS
Band5	4132	3.13	13	PASS
Band5	4182	3.07	13	PASS
Band5	4233	3.13	13	PASS

2.2. Test Plots

Band2-9262



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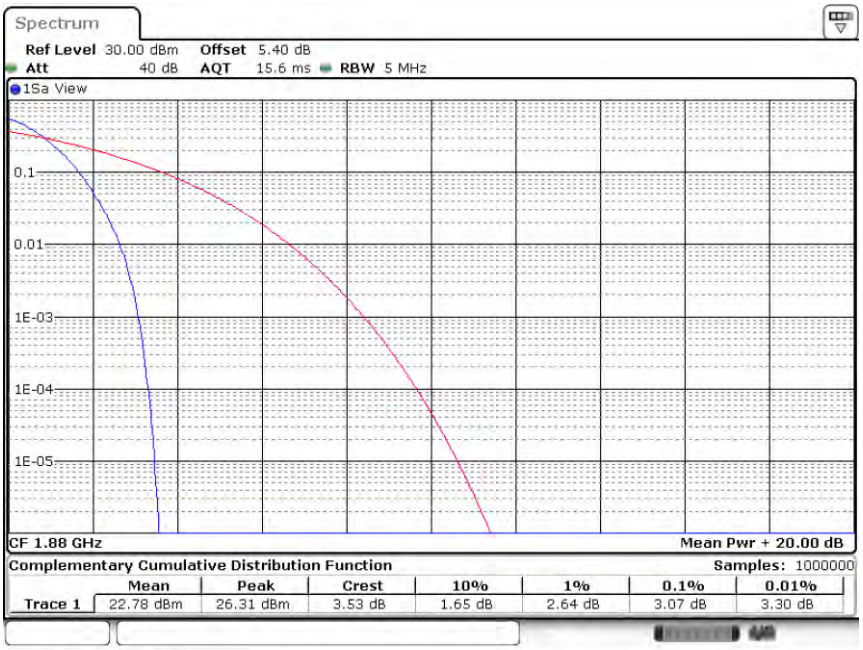
Band2-9400



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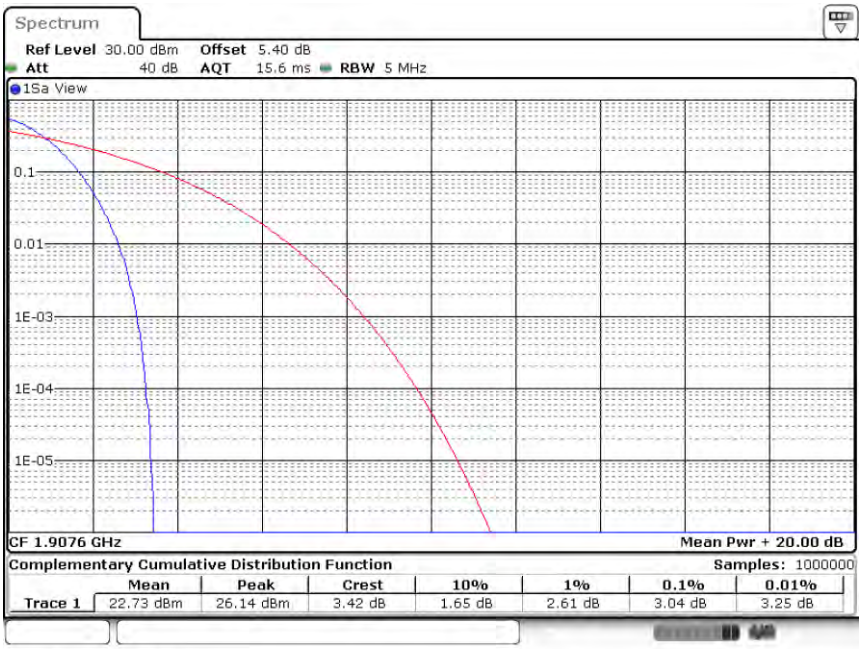
Band2-9538



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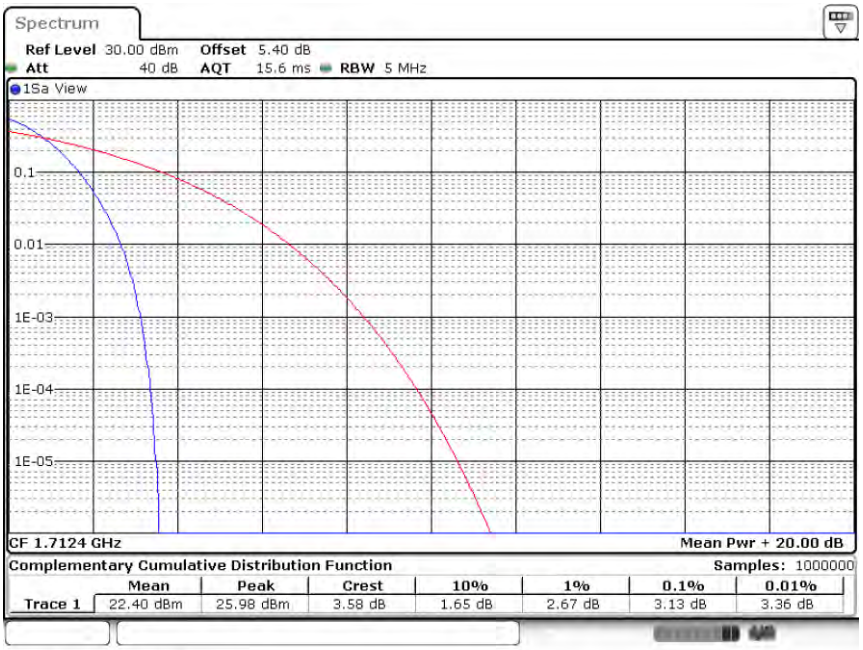
Band4-1312



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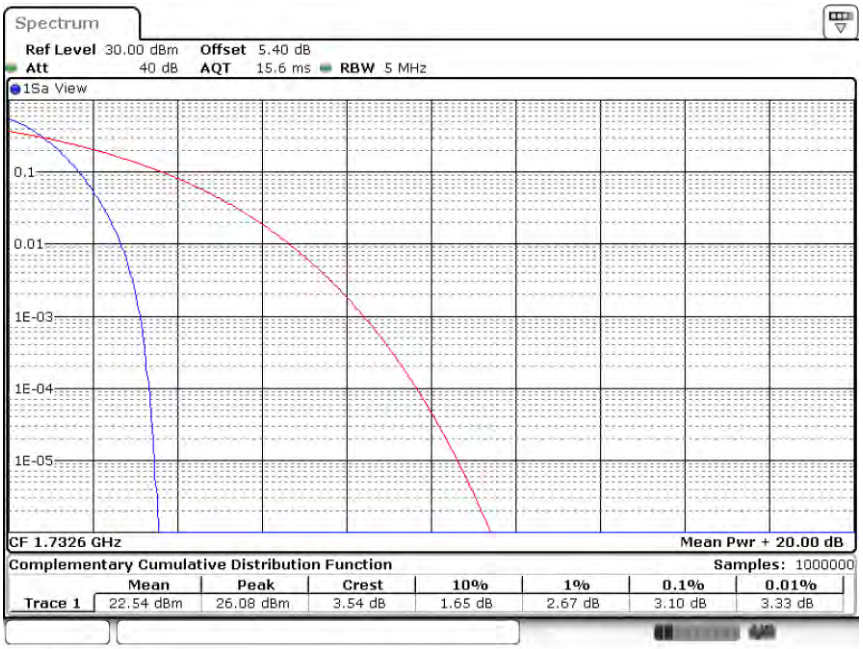
Band4-1413



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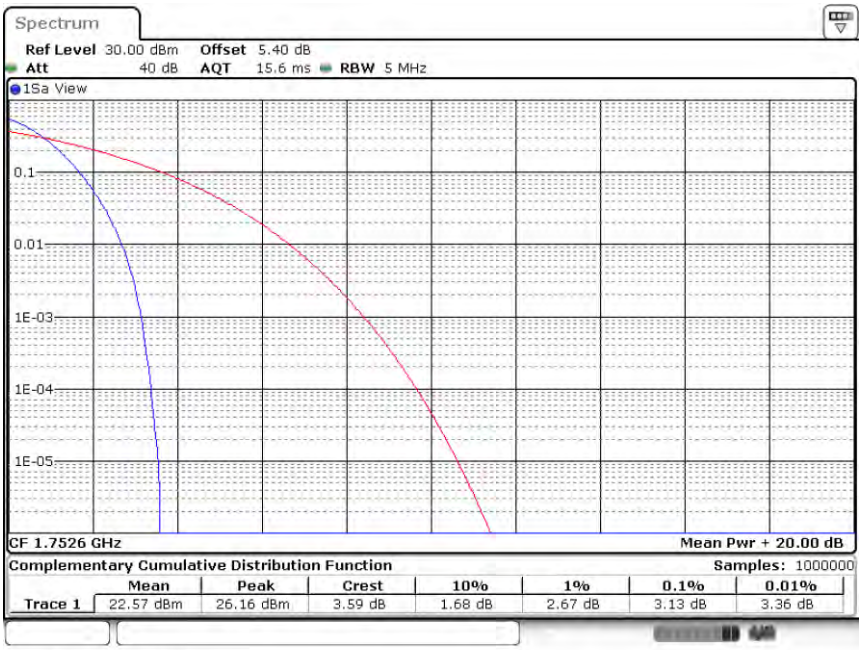
Band4-1513



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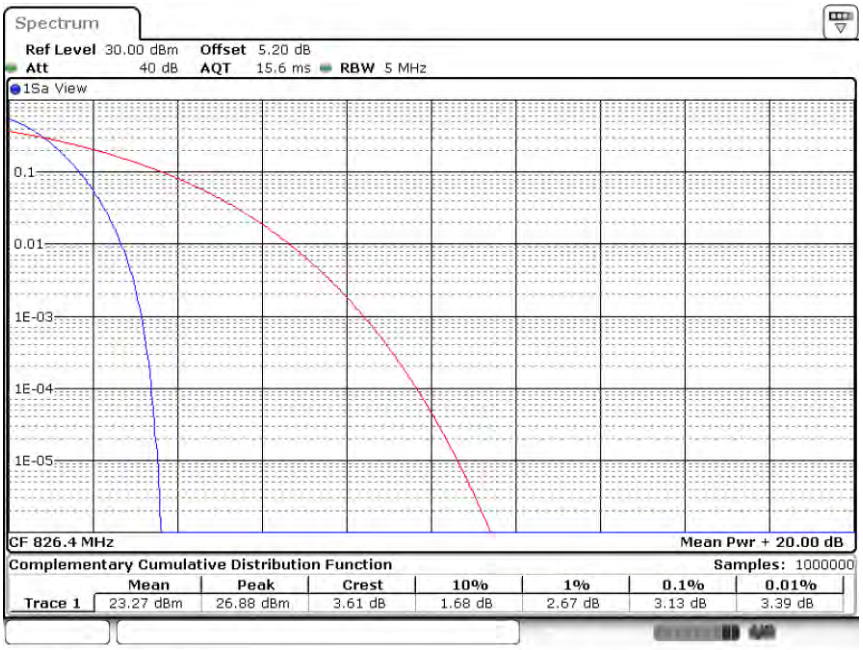
Band5-4132



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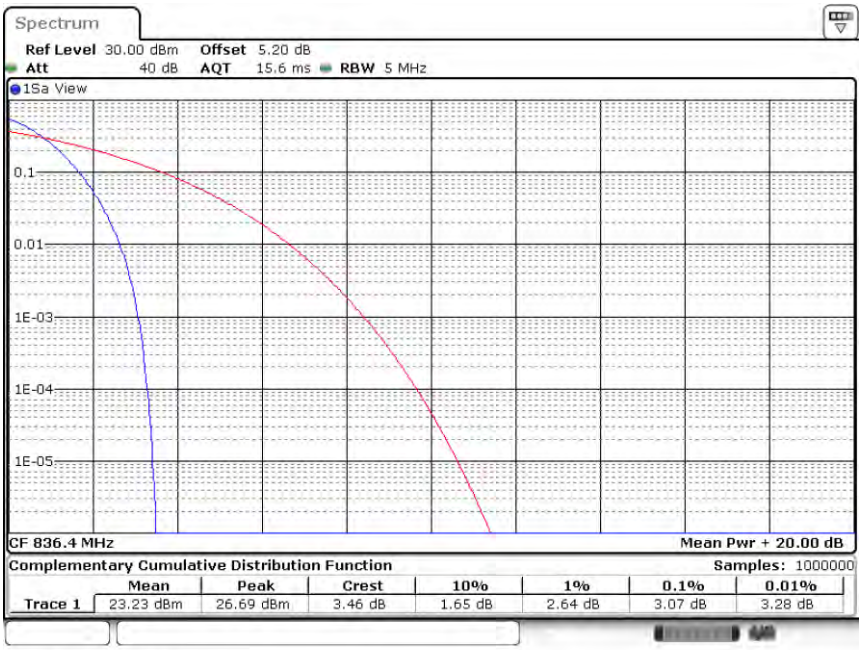
Band5-4182



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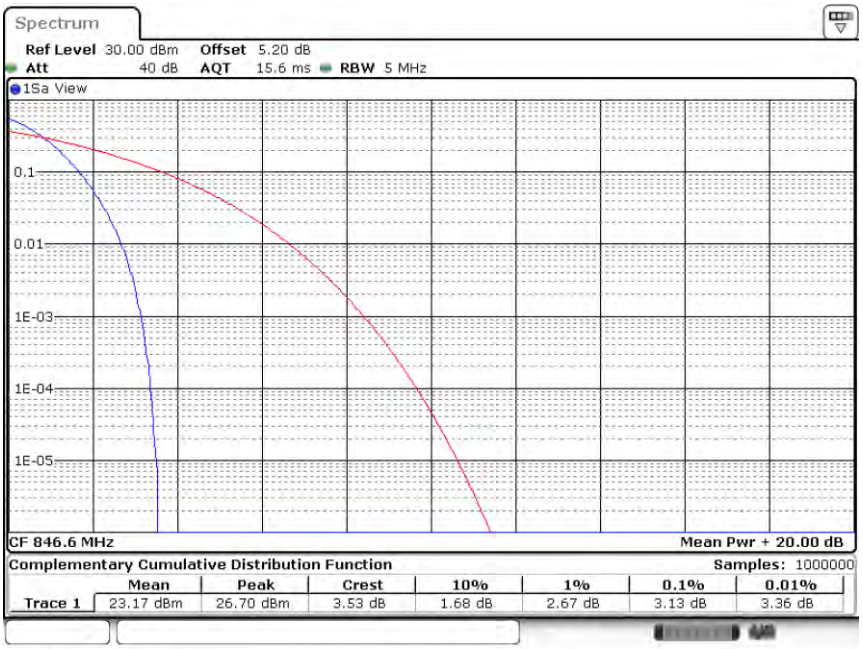
Band5-4233



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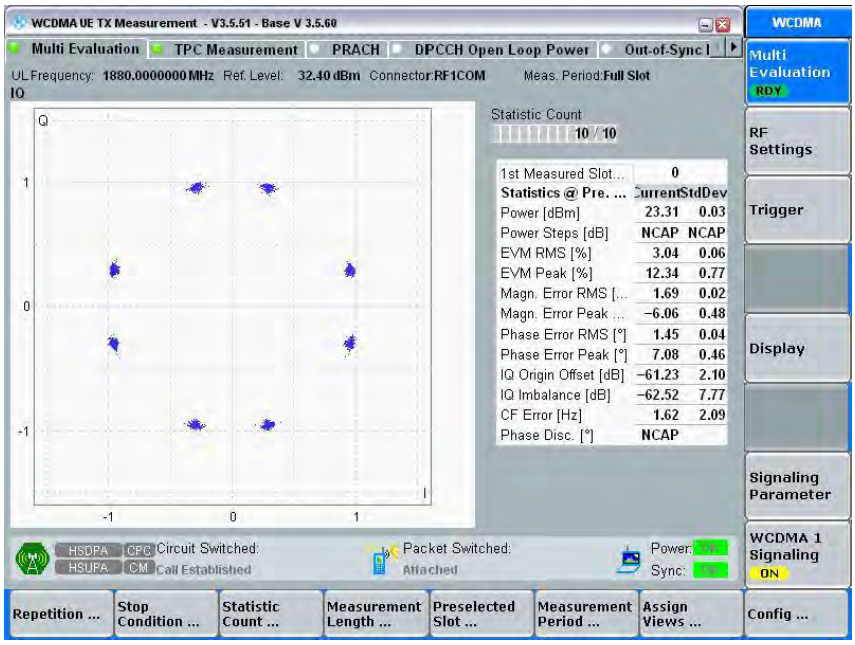
3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1. Test Mode = UMTS/TM1

3.1.1.1. Test Channel = MCH



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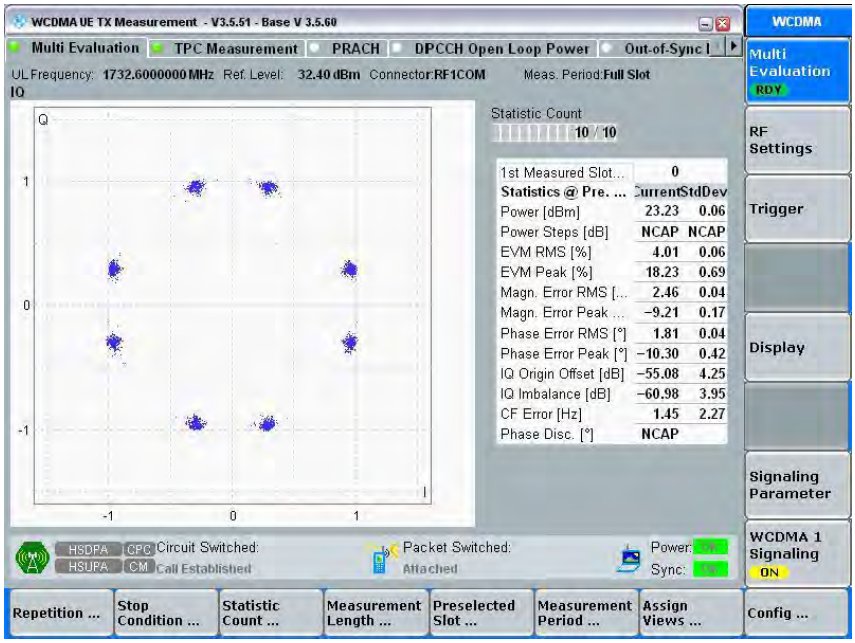
3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH



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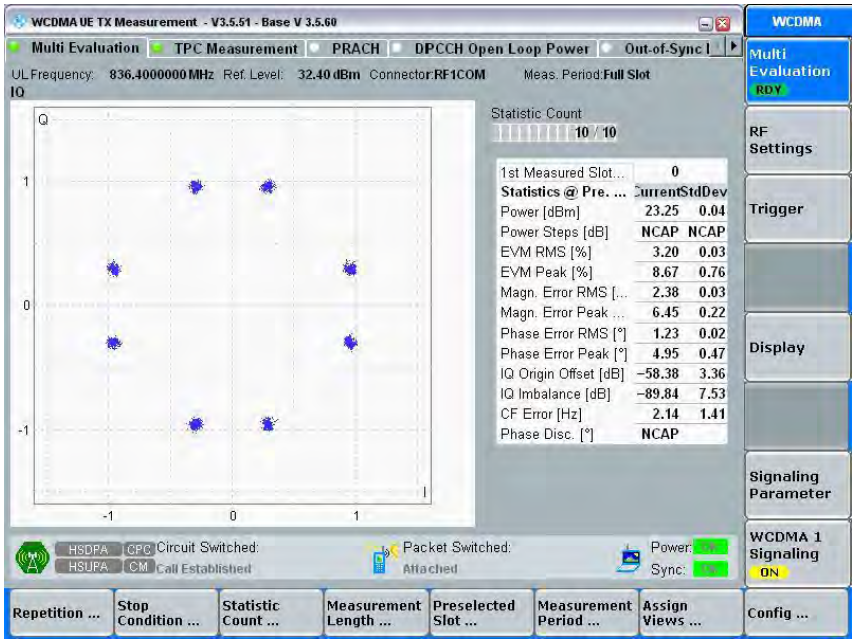
3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH



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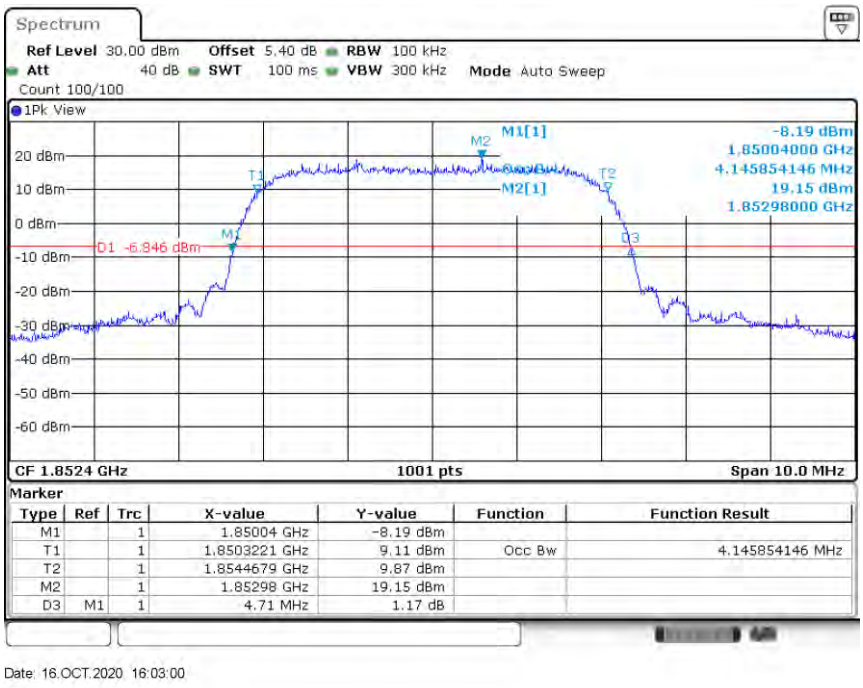
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.146	4.710	---	PASS
Band2	9400	4.146	4.730	---	PASS
Band2	9538	4.146	4.730	---	PASS
Band4	1312	4.126	4.710	---	PASS
Band4	1413	4.126	4.720	---	PASS
Band4	1513	4.116	4.710	---	PASS
Band5	4132	4.136	4.740	---	PASS
Band5	4182	4.126	4.720	---	PASS
Band5	4233	4.126	4.720	---	PASS

4.2. Test Plots

Band2-9262



Date: 16.OCT.2020 16:03:00

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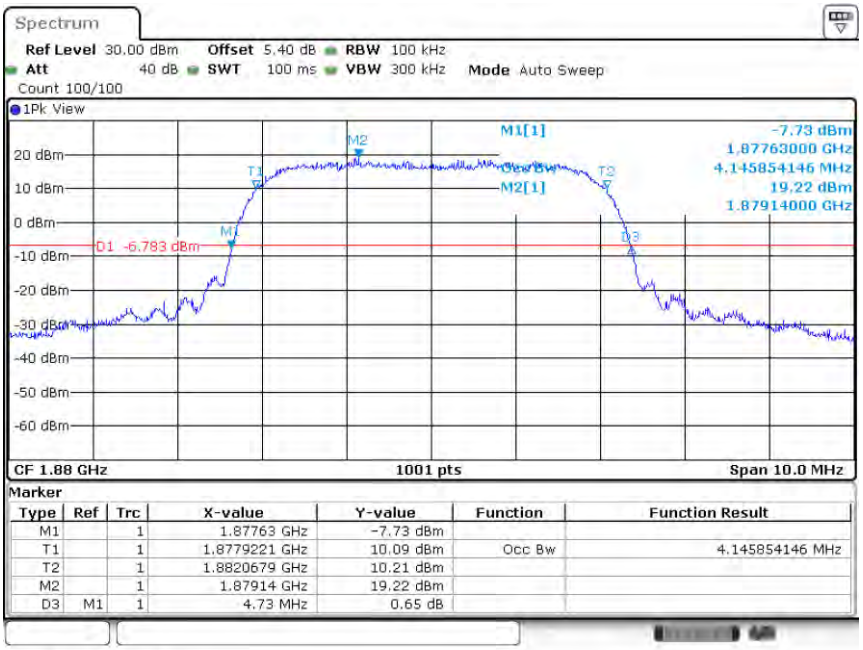
Band2-9400



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87763 GHz	-7.73 dBm		
T1		1	1.8779221 GHz	10.09 dBm	Occ Bw	4.145854146 MHz
T2		1	1.8820679 GHz	10.21 dBm		
M2		1	1.87914 GHz	19.22 dBm		
D3	M1	1	4.73 MHz	0.65 dB		

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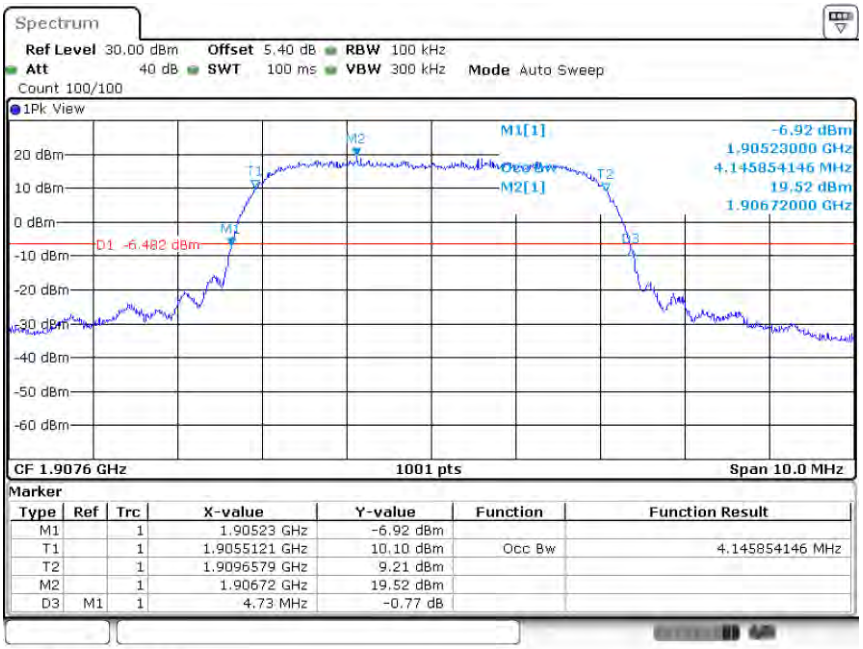
Band2-9538



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90523 GHz	-6.92 dBm		
T1		1	1.9055121 GHz	10.10 dBm	Occ Bw	4.145854146 MHz
T2		1	1.9096579 GHz	9.21 dBm		
M2		1	1.90672 GHz	19.52 dBm		
D3	M1	1	4.73 MHz	-0.77 dB		

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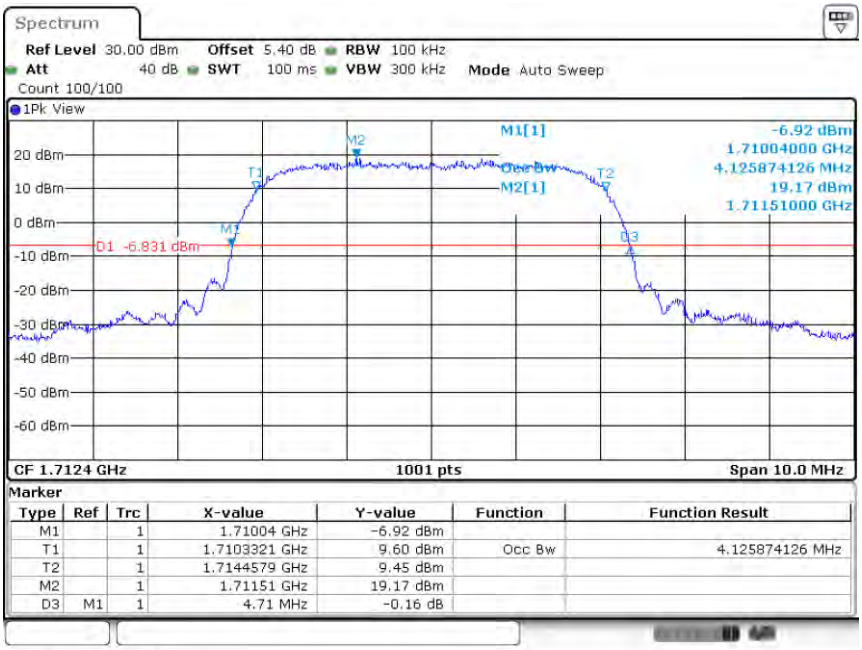
Band4-1312



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71004 GHz	-6.92 dBm		
T1		1	1.7103321 GHz	9.60 dBm	Occ Bw	4.125874126 MHz
T2		1	1.7144579 GHz	9.45 dBm		
M2		1	1.71151 GHz	19.17 dBm		
D3	M1	1	4.71 MHz	-0.16 dB		

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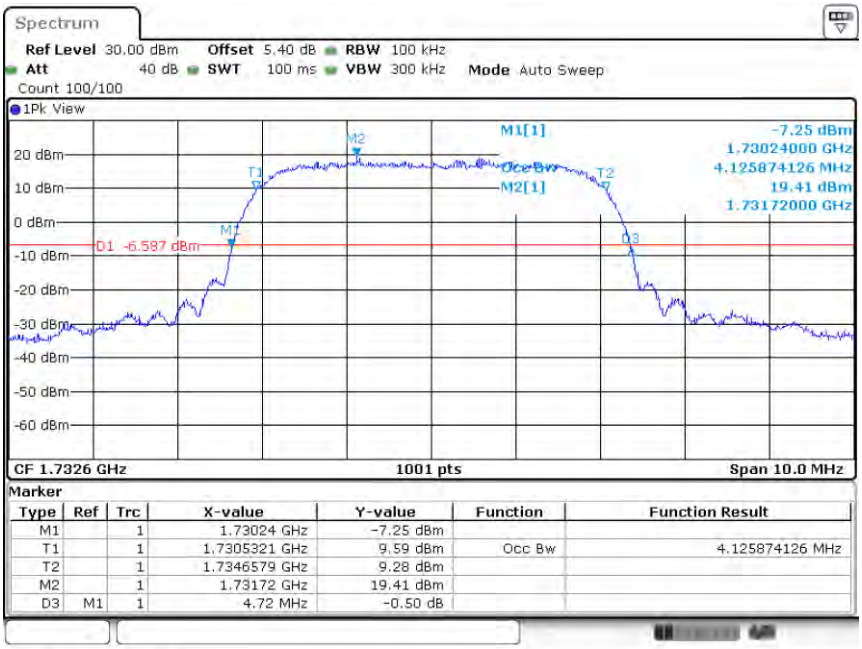
Band4-1413



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73024 GHz	-7.25 dBm		
T1		1	1.7305321 GHz	9.59 dBm	Occ Bw	4.125874126 MHz
T2		1	1.7346579 GHz	9.28 dBm		
M2		1	1.73172 GHz	19.41 dBm		
D3	M1	1	4.72 MHz	-0.50 dB		

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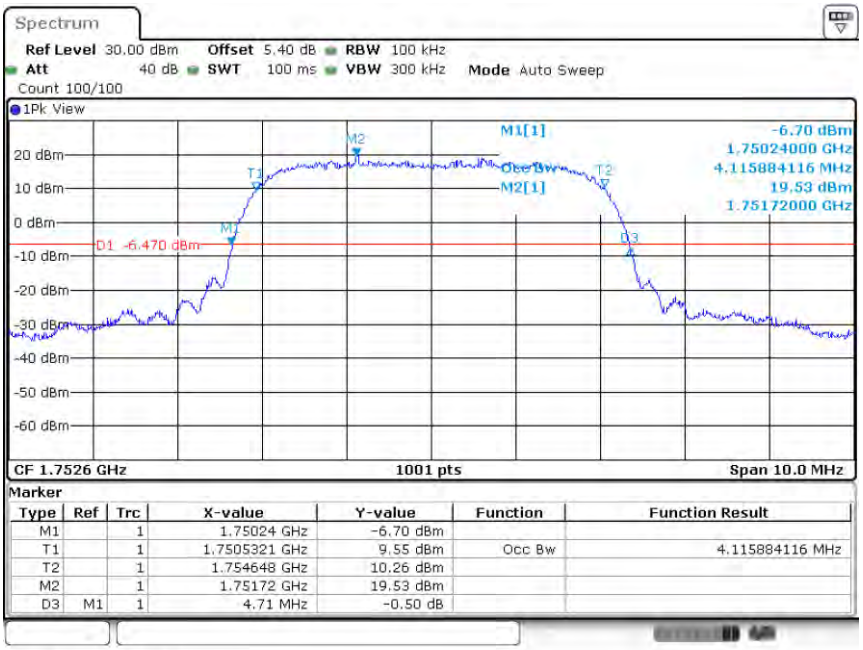
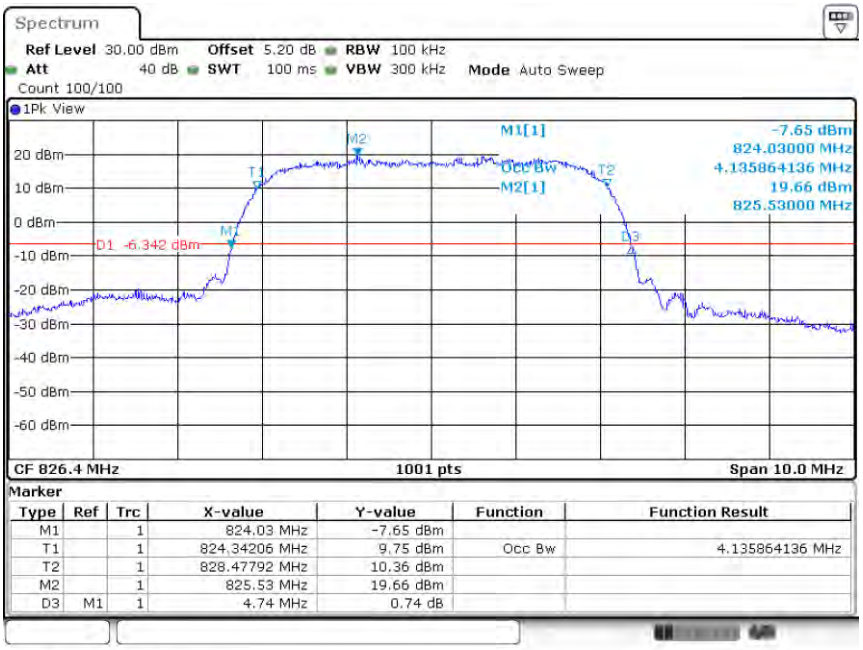
Band4-1513



Date: 16.OCT.2020 16:21:06

Band5-4132



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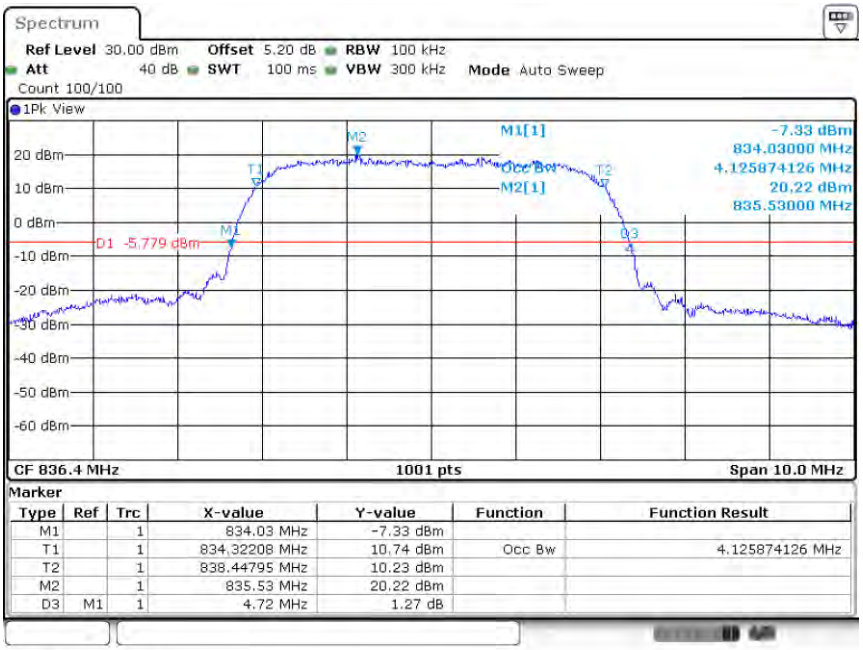
Band5-4182

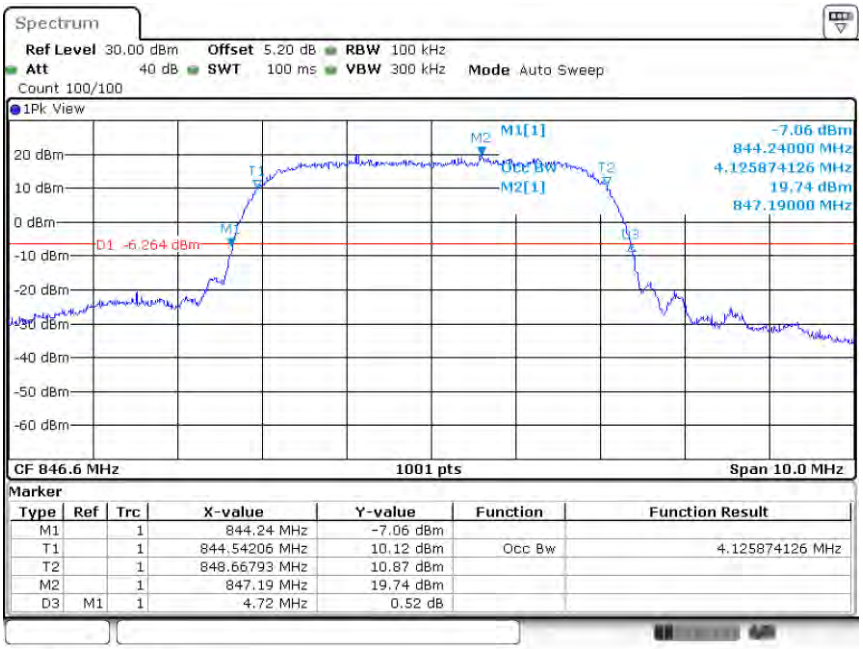


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.03 MHz	-7.33 dBm		
T1		1	834.32208 MHz	10.74 dBm	Occ Bw	4.125874126 MHz
T2		1	838.44795 MHz	10.23 dBm		
M2		1	835.53 MHz	20.22 dBm		
D3	M1	1	4.72 MHz	1.27 dB		

Date: 16.OCT.2020 16:37:31

Band5-4233



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	844.24 MHz	-7.06 dBm		
T1		1	844.54206 MHz	10.12 dBm	Occ Bw	4.125874126 MHz
T2		1	848.66793 MHz	10.87 dBm		
M2		1	847.19 MHz	19.74 dBm		
D3	M1	1	4.72 MHz	0.52 dB		

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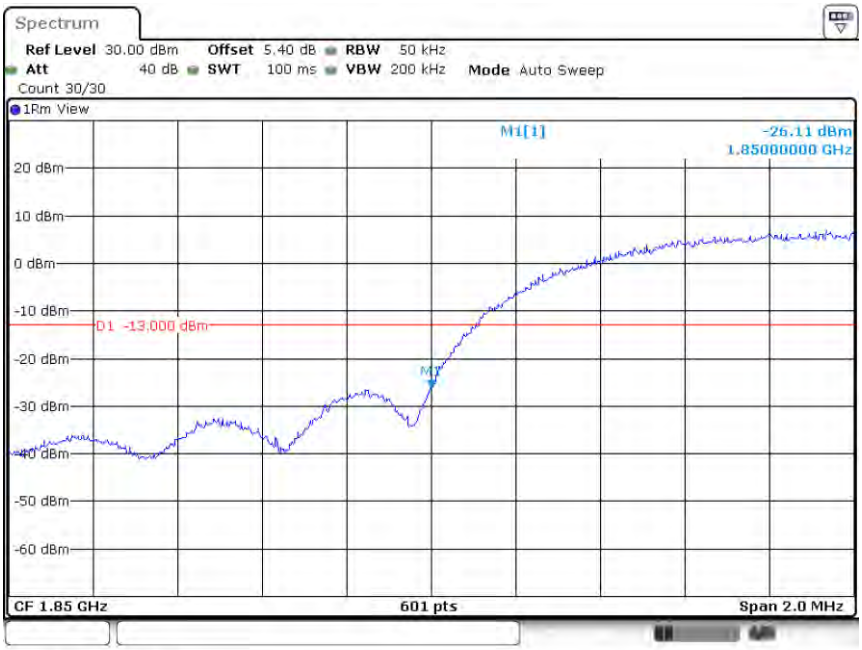
5. Band Edge Compliance

5.1. Test Plots

Band2-9262



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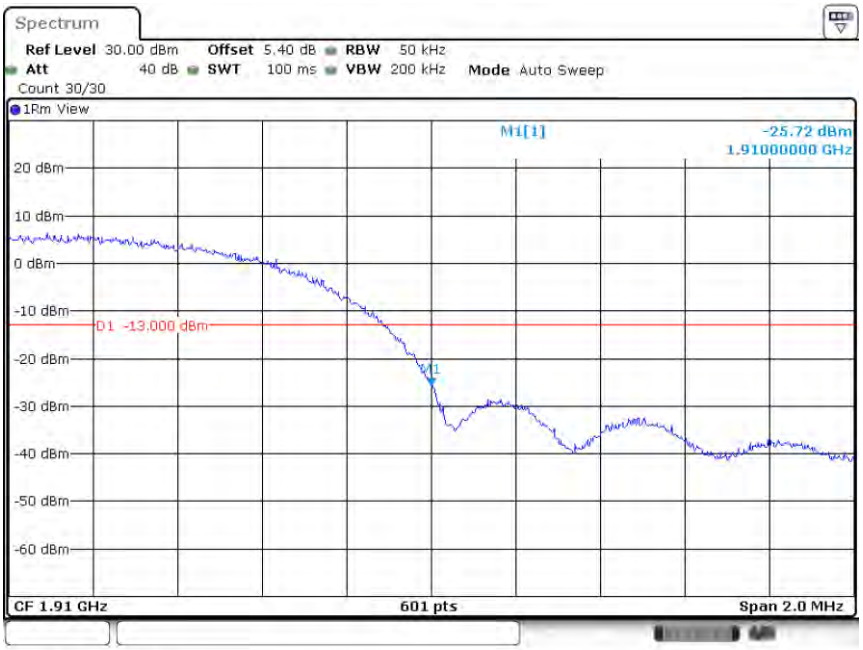
Band2-9538



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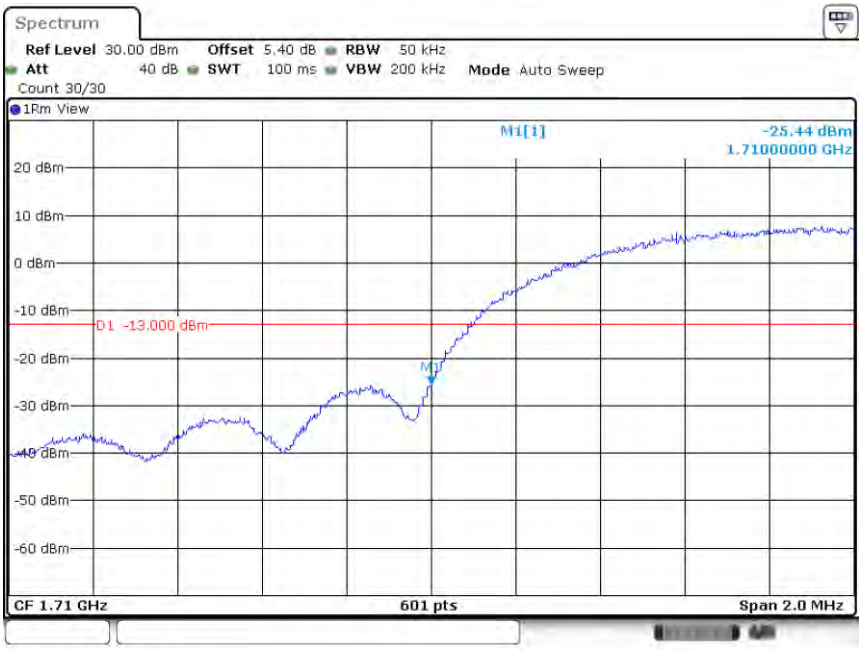
Band4-1312



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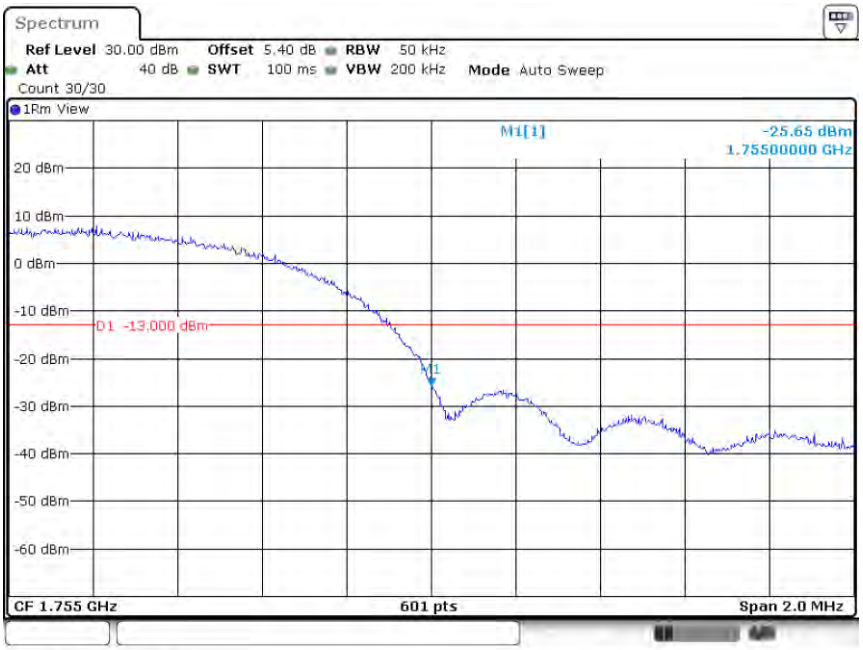
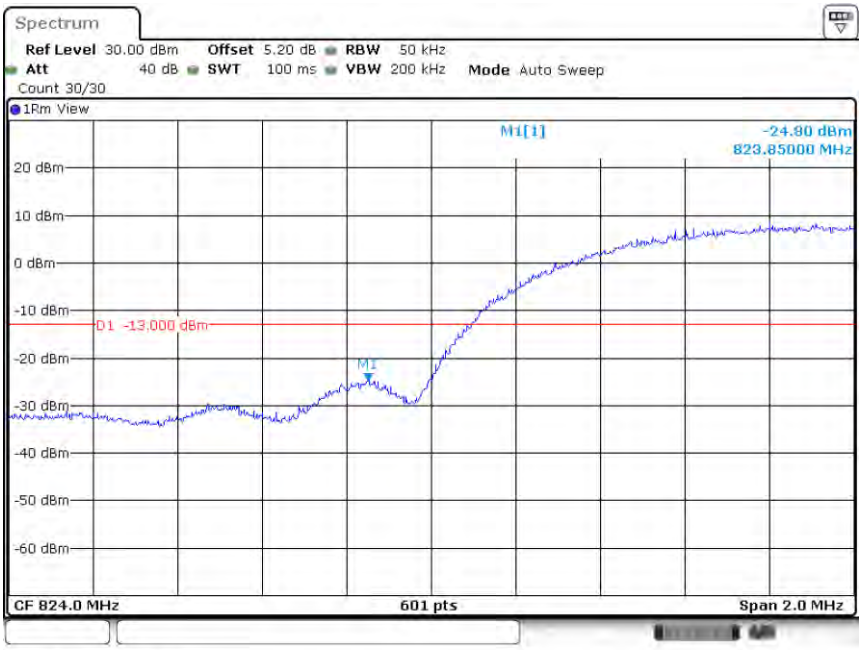
Band4-1513



Date: 16.OCT.2020 16:21:32

Band5-4132



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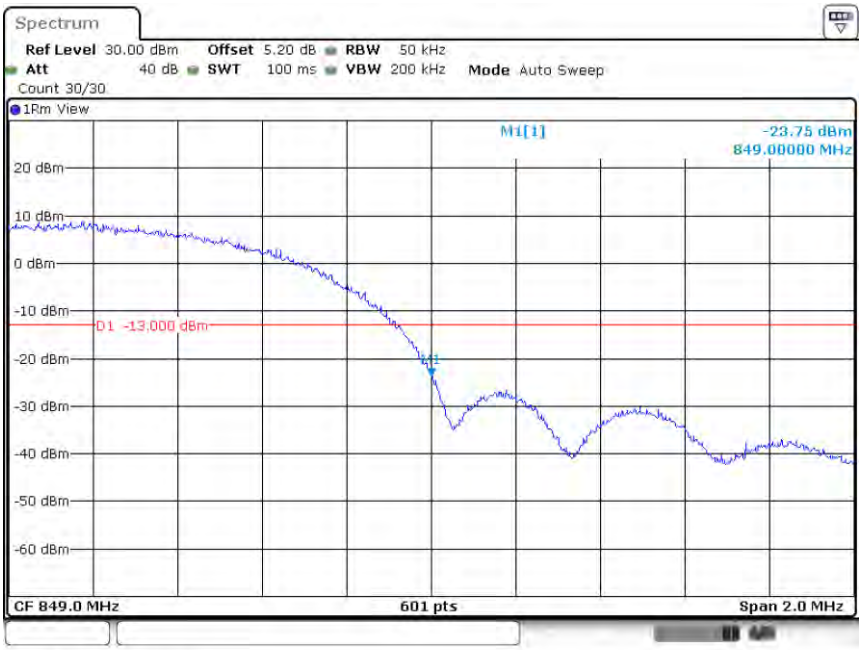
Band5-4233



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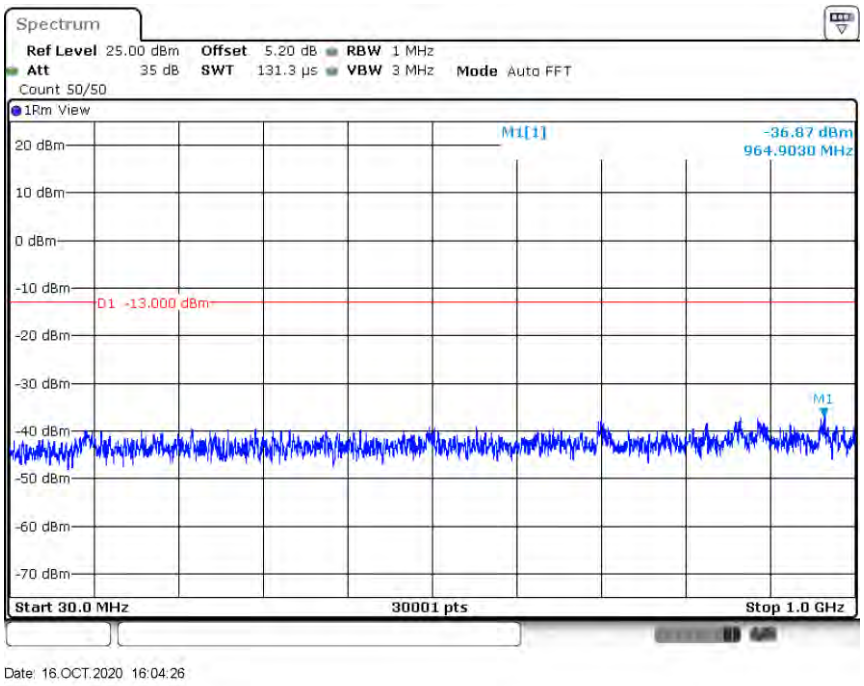
6. Spurious Emission at Antenna Terminal

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

Band2-9262-30~1000MHz


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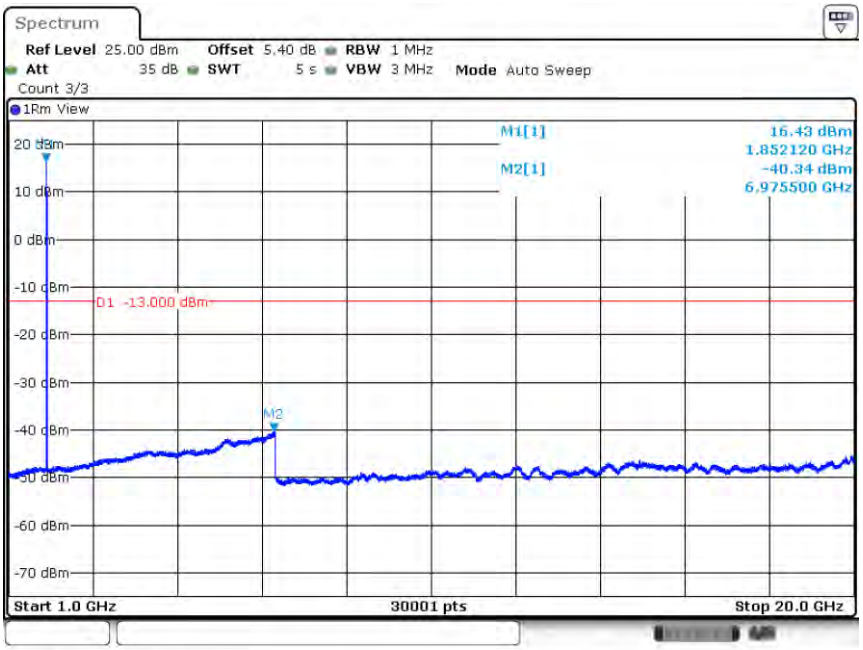
Band2-9262-1000~20000MHz



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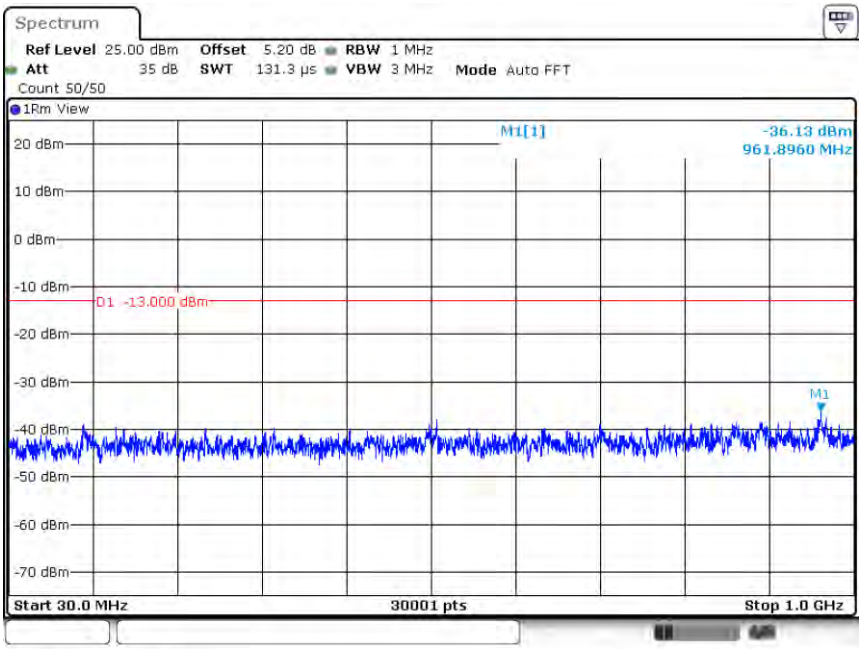
Band2-9400-30~1000MHz



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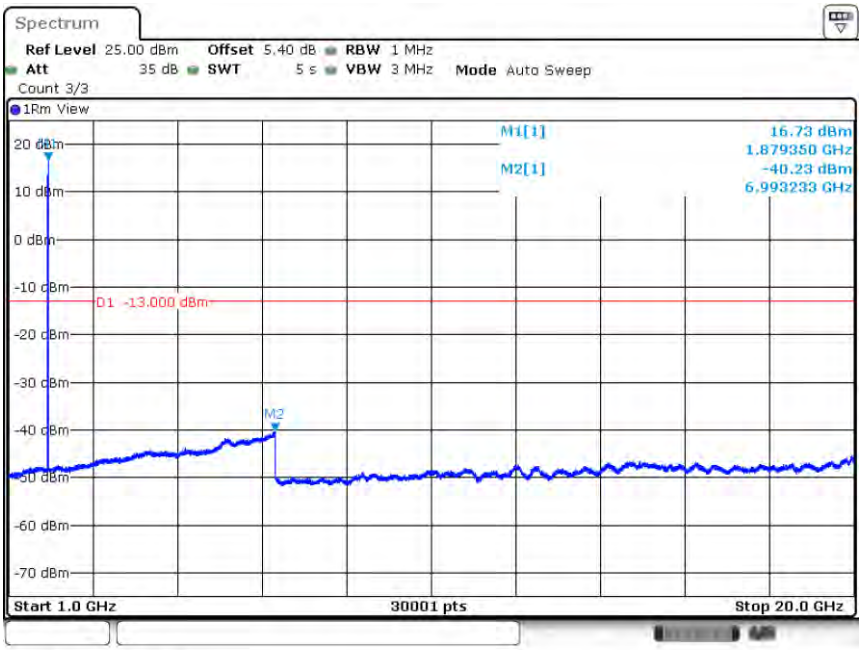
Band2-9400-1000~20000MHz



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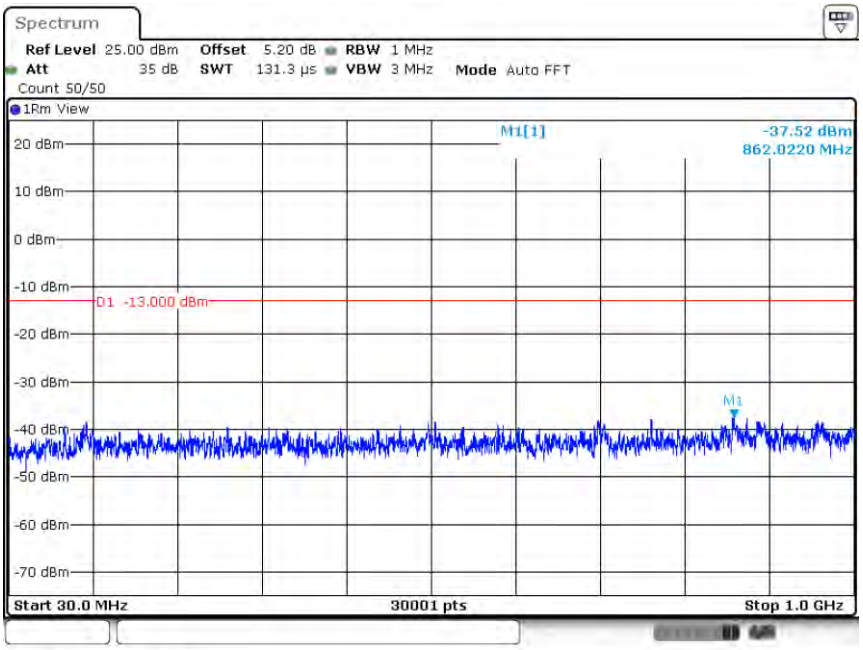
Band2-9538-30~1000MHz



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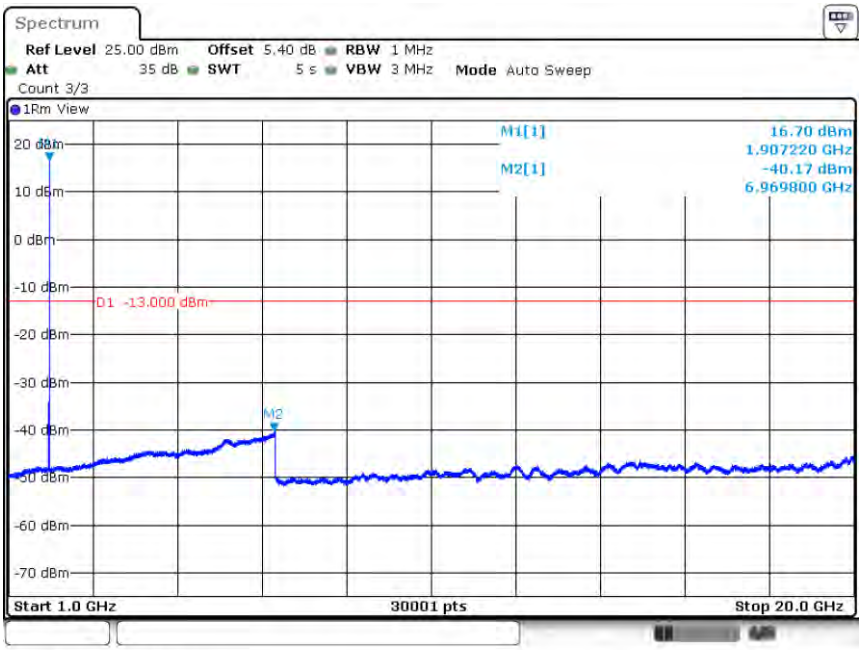
Band2-9538-1000~20000MHz



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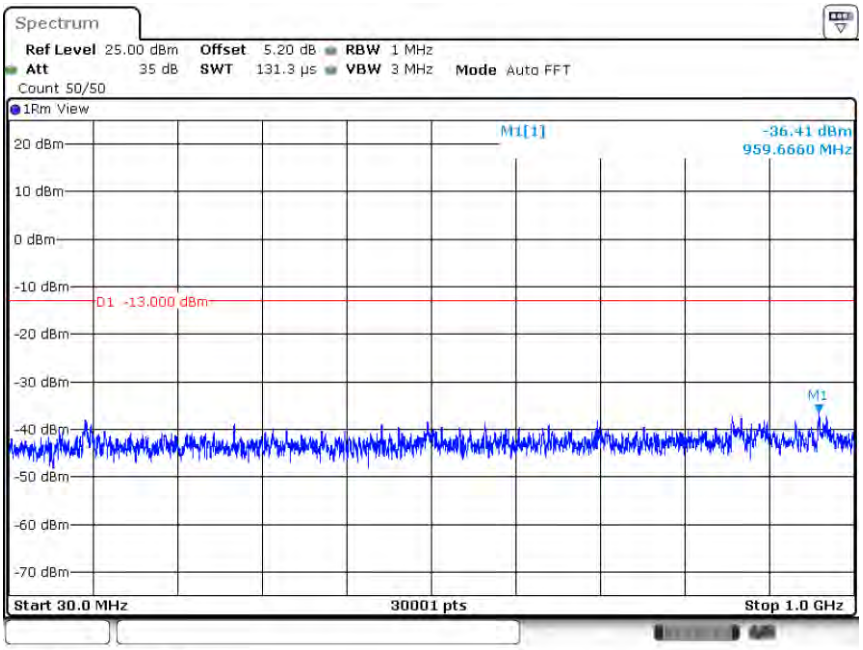
Band4-1312-30~1000MHz



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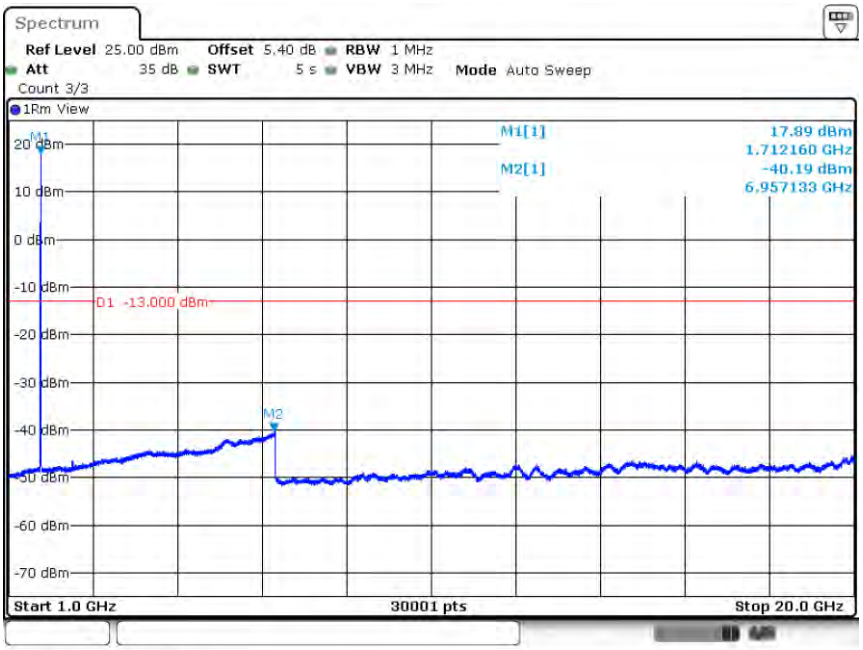
Band4-1312-1000~20000MH



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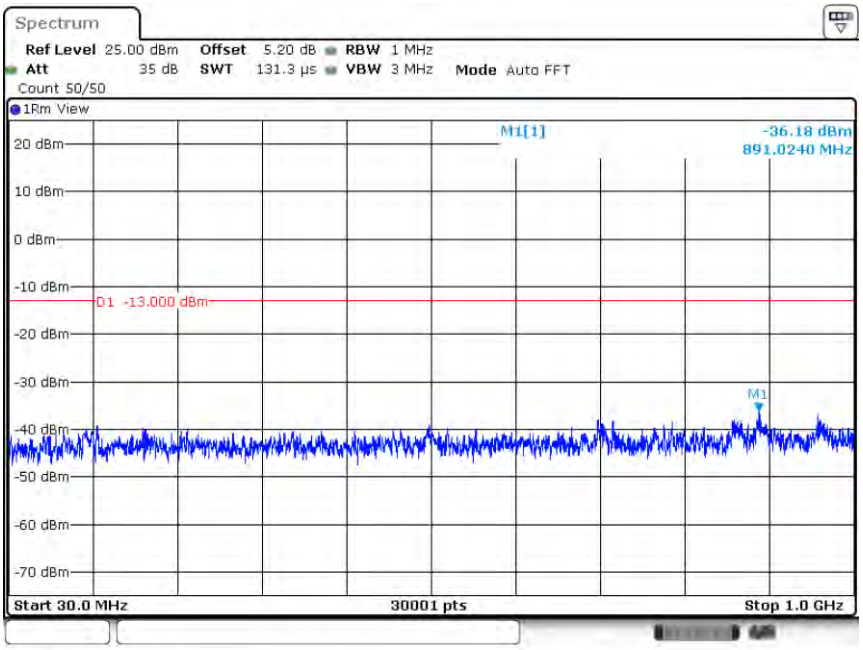
Band4-1413-30~1000MHz



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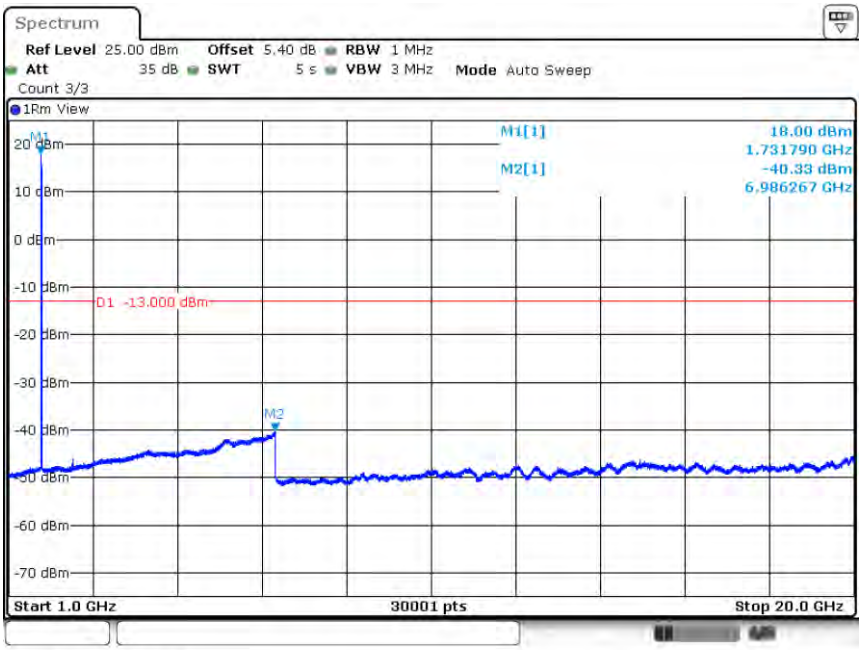
Band4-1413-1000~20000MHz



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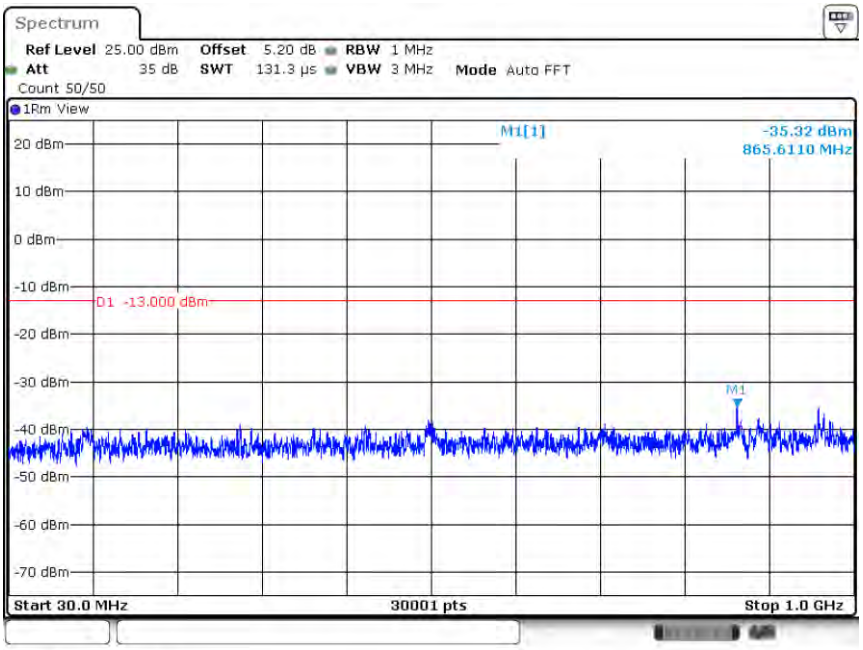
Band4-1513-30~1000MHz



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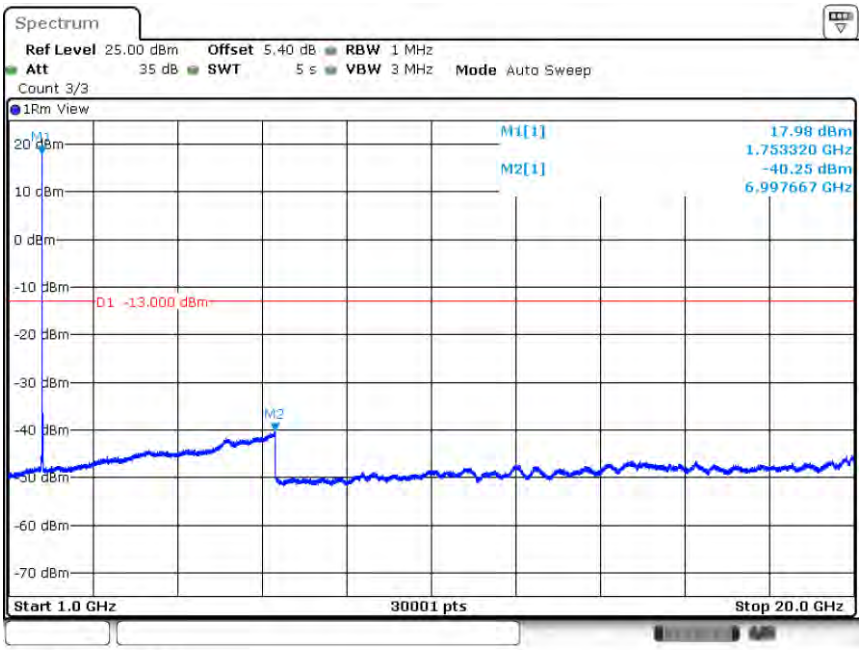
Band4-1513-1000~20000MHz



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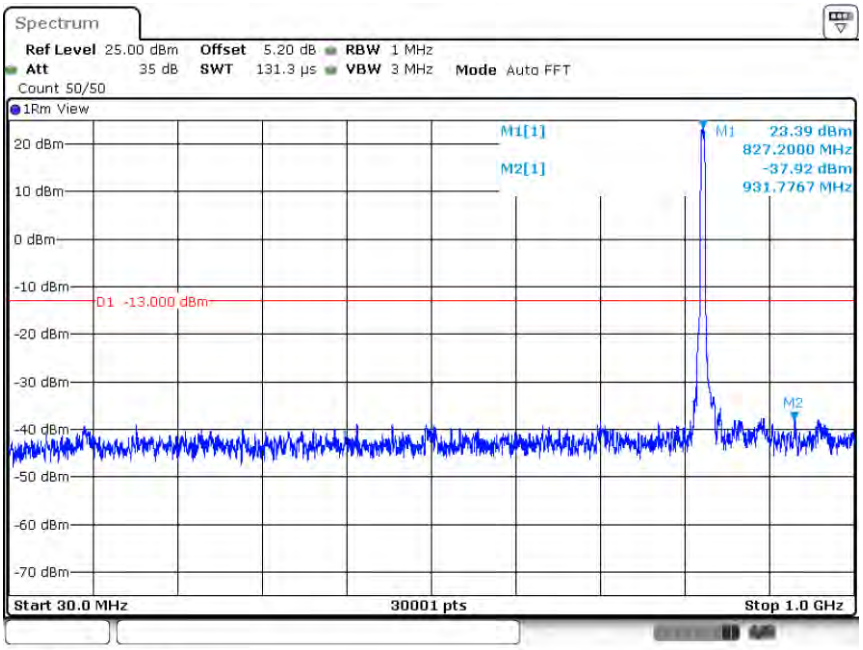
Band5-4132-30~1000MHz



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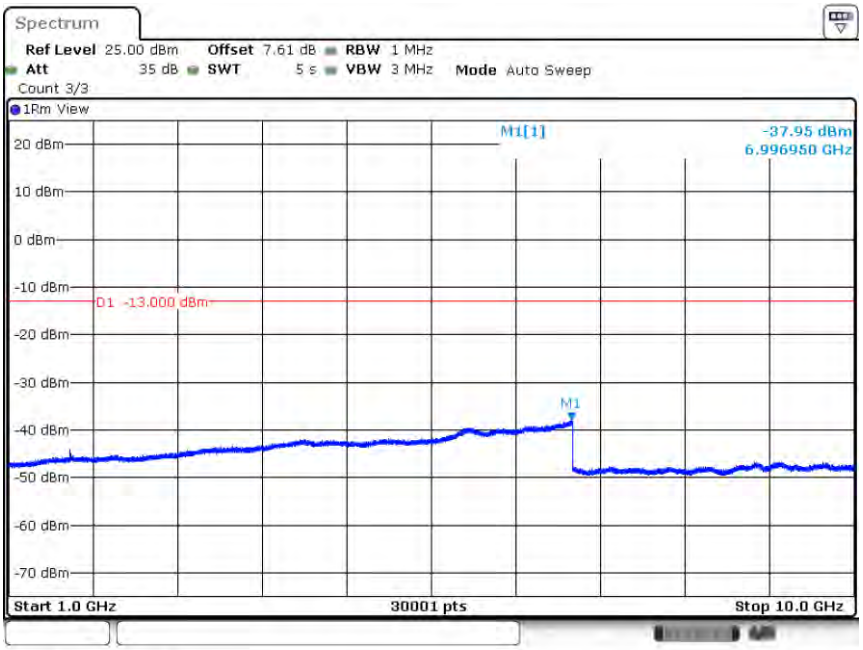
Band5-4132-1000~10000MHz



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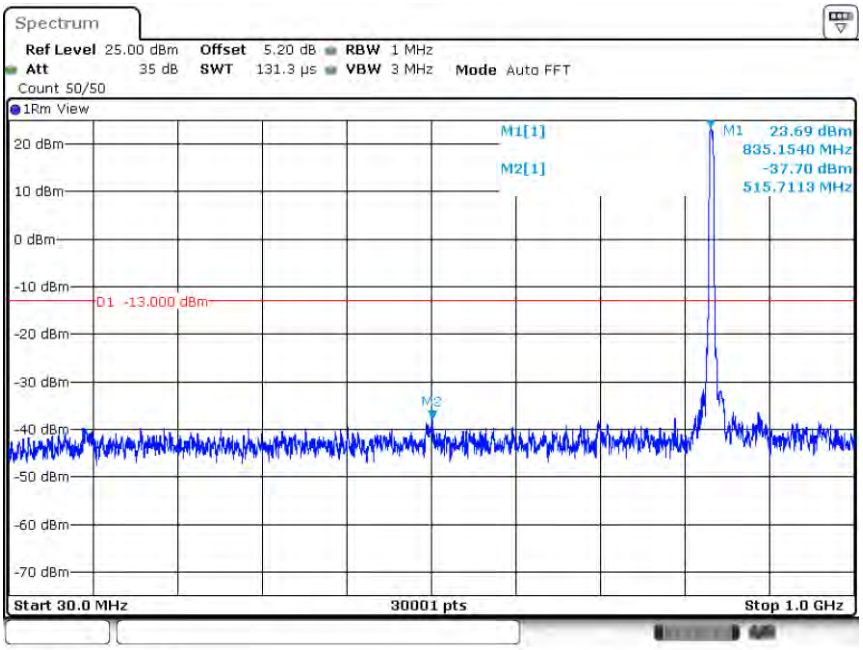
Band5-4182-30~1000MHz



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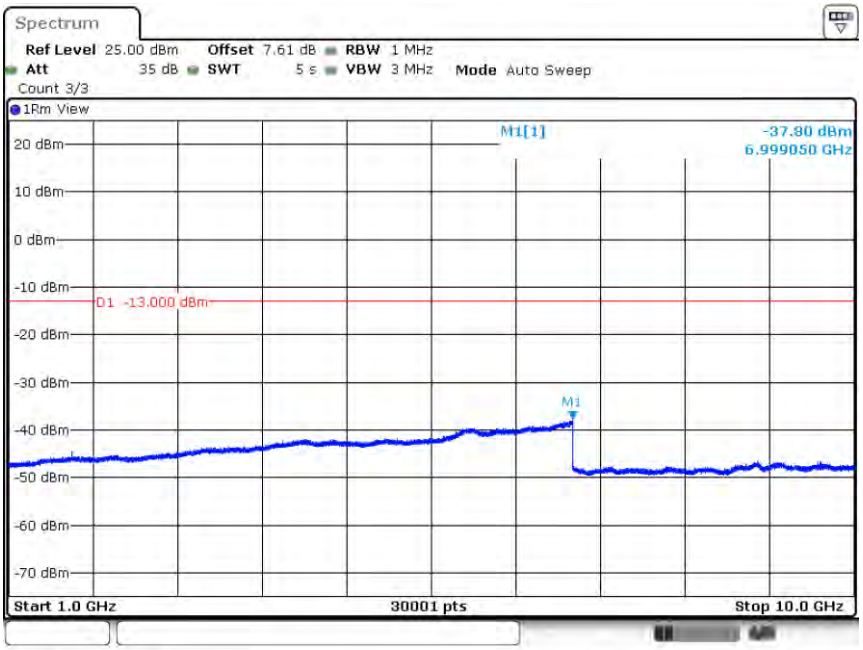
Band5-4182-1000~10000MHz



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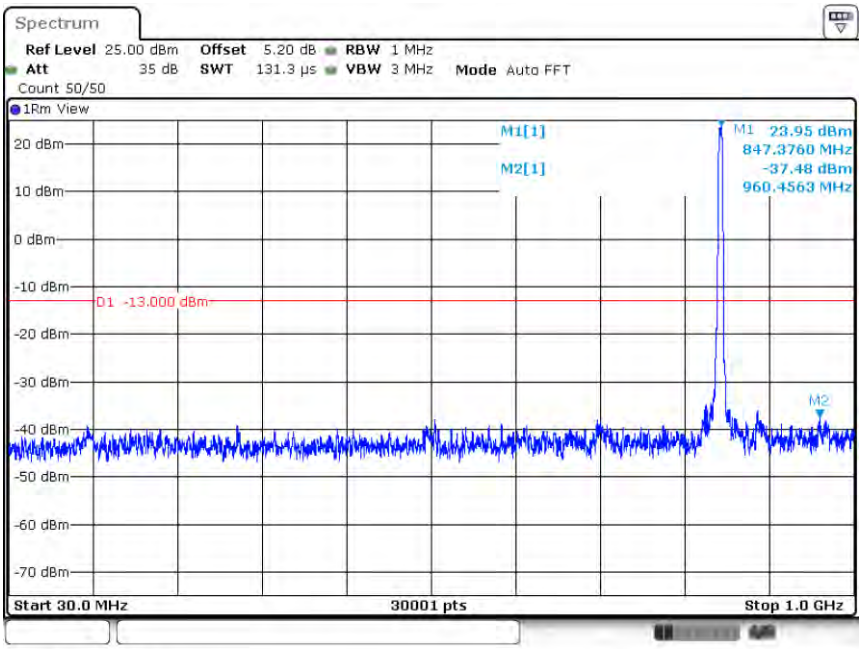
Band5-4233-30~1000MHz



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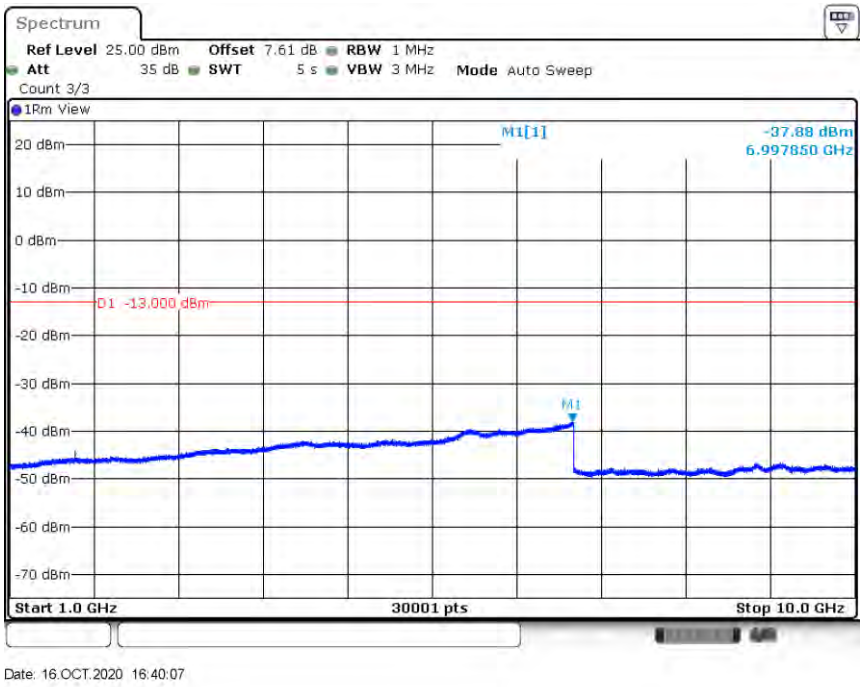

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7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA Band II(Ant1)

7.1.1. Test Mode =WCDMA/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6305	-75.52	-13.00	62.52	Vertical
112.4541	-65.35	-13.00	52.35	Vertical
383.5342	-68.19	-13.00	55.19	Vertical
3938.5313	-62.42	-13.00	49.42	Vertical
7366.6456	-56.49	-13.00	43.49	Vertical
17999.5000	-40.25	-13.00	27.25	Vertical
45.7633	-64.42	-13.00	51.42	Horizontal
101.6866	-76.11	-13.00	63.11	Horizontal
235.1653	-68.28	-13.00	55.28	Horizontal
3631.0210	-60.99	-13.00	47.99	Horizontal
7450.1483	-57.10	-13.00	44.10	Horizontal
16397.9466	-44.26	-13.00	31.26	Horizontal

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7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3395	-75.93	-13.00	62.93	Vertical
109.9805	-65.09	-13.00	52.09	Vertical
305.7848	-68.68	-13.00	55.68	Vertical
3642.5214	-62.07	-13.00	49.07	Vertical
7378.6460	-56.51	-13.00	43.51	Vertical
17995.9999	-40.50	-13.00	27.50	Vertical
45.2298	-63.70	-13.00	50.70	Horizontal
103.0447	-75.29	-13.00	62.29	Horizontal
242.3921	-67.63	-13.00	54.63	Horizontal
3628.5210	-61.06	-13.00	48.06	Horizontal
7480.6494	-57.03	-13.00	44.03	Horizontal
16387.4462	-44.14	-13.00	31.14	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.4850	-74.95	-13.00	61.95	Vertical
115.5583	-65.32	-13.00	52.32	Vertical
365.0063	-67.91	-13.00	54.91	Vertical
3634.5212	-62.18	-13.00	49.18	Vertical
7377.1459	-56.51	-13.00	43.51	Vertical
17998.5000	-40.97	-13.00	27.97	Vertical
43.5807	-63.61	-13.00	50.61	Horizontal
108.3314	-75.31	-13.00	62.31	Horizontal
235.6018	-68.87	-13.00	55.87	Horizontal
3653.0218	-61.07	-13.00	48.07	Horizontal
7459.1486	-56.70	-13.00	43.70	Horizontal
16402.9468	-44.46	-13.00	31.46	Horizontal

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7.2. Test Band = WCDMA Band IV(Ant1)

7.2.1. Test Mode =WCDMA/TM1

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0970	-73.50	-13.00	60.50	Vertical
110.4170	-62.51	-13.00	49.51	Vertical
387.4629	-64.98	-13.00	51.98	Vertical
3615.0205	-60.80	-13.00	47.80	Vertical
7455.6485	-53.26	-13.00	40.26	Vertical
17997.4999	-34.52	-13.00	21.52	Vertical
41.9316	-62.65	-13.00	49.65	Horizontal
105.1303	-73.91	-13.00	60.91	Horizontal
242.5861	-65.19	-13.00	52.19	Horizontal
5137.0712	-59.70	-13.00	46.70	Horizontal
7441.6481	-53.90	-13.00	40.90	Horizontal
16397.9466	-35.41	-13.00	22.41	Horizontal

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7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1641	-74.26	-13.00	61.26	Vertical
112.1631	-63.12	-13.00	50.12	Vertical
288.5179	-67.33	-13.00	54.33	Vertical
3627.0209	-60.59	-13.00	47.59	Vertical
7489.6497	-53.53	-13.00	40.53	Vertical
17997.9999	-34.40	-13.00	21.40	Vertical
42.7561	-62.15	-13.00	49.15	Horizontal
105.7608	-73.19	-13.00	60.19	Horizontal
236.0868	-64.52	-13.00	51.52	Horizontal
3618.0206	-59.42	-13.00	46.42	Horizontal
7434.6478	-53.88	-13.00	40.88	Horizontal
16403.9468	-35.66	-13.00	22.66	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-72.35	-13.00	59.35	Vertical
112.9391	-63.09	-13.00	50.09	Vertical
389.0150	-65.18	-13.00	52.18	Vertical
3643.0214	-60.74	-13.00	47.74	Vertical
7448.6483	-53.73	-13.00	40.73	Vertical
17989.9997	-34.40	-13.00	21.40	Vertical
40.4765	-62.33	-13.00	49.33	Horizontal
103.0932	-73.30	-13.00	60.30	Horizontal
243.1682	-65.27	-13.00	52.27	Horizontal
3615.0205	-59.66	-13.00	46.66	Horizontal
7477.6493	-54.00	-13.00	41.00	Horizontal
16395.4465	-34.70	-13.00	21.70	Horizontal

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7.3. Test Band = WCDMA Band V(Ant1)

7.3.1. Test Mode =WCDMA/TM1

7.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0970	-74.42	-13.00	61.42	Vertical
111.0961	-64.77	-13.00	51.77	Vertical
391.5856	-67.95	-13.00	54.95	Vertical
1654.5309	-58.36	-13.00	45.36	Vertical
2708.3417	-52.11	-13.00	39.11	Vertical
9328.9110	-52.65	-13.00	39.65	Vertical
41.5921	-63.50	-13.00	50.50	Horizontal
95.0418	-75.95	-13.00	62.95	Horizontal
236.4263	-68.10	-13.00	55.10	Horizontal
1784.1568	-58.11	-13.00	45.11	Horizontal
2702.3405	-50.84	-13.00	37.84	Horizontal
9316.0772	-53.11	-13.00	40.11	Horizontal

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7.3.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3880	-75.36	-13.00	62.36	Vertical
108.1374	-64.63	-13.00	51.63	Vertical
317.7164	-69.11	-13.00	56.11	Vertical
1670.9342	-58.98	-13.00	45.98	Vertical
2703.5407	-51.86	-13.00	38.86	Vertical
9310.0103	-52.52	-13.00	39.52	Vertical
44.5507	-63.63	-13.00	50.63	Horizontal
84.3712	-75.29	-13.00	62.29	Horizontal
229.5875	-68.36	-13.00	55.36	Horizontal
1765.7532	-58.27	-13.00	45.27	Horizontal
2691.9384	-50.73	-13.00	37.73	Horizontal
9320.0440	-53.06	-13.00	40.06	Horizontal

7.3.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.6006	-75.40	-13.00	62.40	Vertical
105.4698	-64.68	-13.00	51.68	Vertical
306.6093	-69.18	-13.00	56.18	Vertical
1694.5389	-57.67	-13.00	44.67	Vertical
2705.9412	-52.02	-13.00	39.02	Vertical
9319.5773	-52.70	-13.00	39.70	Vertical
44.1627	-62.82	-13.00	49.82	Horizontal
85.5838	-75.52	-13.00	62.52	Horizontal
229.1995	-67.33	-13.00	54.33	Horizontal
1694.5389	-60.27	-13.00	47.27	Horizontal
2702.7405	-50.74	-13.00	37.74	Horizontal
9330.3110	-52.82	-13.00	39.82	Horizontal

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7.4. Test Band = WCDMA Band II(Ant2)

7.4.1. Test Mode =WCDMA/TM1

7.4.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6790	-75.15	-13.00	62.15	Vertical
110.5140	-64.69	-13.00	51.69	Vertical
329.4540	-68.45	-13.00	55.45	Vertical
3703.0234	-57.37	-13.00	44.37	Vertical
7369.1456	-56.51	-13.00	43.51	Vertical
17994.4998	-40.72	-13.00	27.72	Vertical
42.6591	-64.63	-13.00	51.63	Horizontal
100.4740	-75.57	-13.00	62.57	Horizontal
234.6802	-68.58	-13.00	55.58	Horizontal
3706.5236	-56.92	-13.00	43.92	Horizontal
7474.6492	-56.99	-13.00	43.99	Horizontal
16390.4463	-43.96	-13.00	30.96	Horizontal

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7.4.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0671	-75.16	-13.00	62.16	Vertical
111.4841	-65.48	-13.00	52.48	Vertical
639.4815	-64.15	-13.00	51.15	Vertical
3758.5253	-58.71	-13.00	45.71	Vertical
7354.6452	-56.44	-13.00	43.44	Vertical
17992.4998	-40.68	-13.00	27.68	Vertical
44.3082	-64.16	-13.00	51.16	Horizontal
108.9619	-75.79	-13.00	62.79	Horizontal
241.5191	-68.34	-13.00	55.34	Horizontal
3761.5254	-58.29	-13.00	45.29	Horizontal
7460.6487	-56.73	-13.00	43.73	Horizontal
16410.9470	-44.09	-13.00	31.09	Horizontal

7.4.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.4850	-75.54	-13.00	62.54	Vertical
111.2901	-64.84	-13.00	51.84	Vertical
419.7170	-67.43	-13.00	54.43	Vertical
3813.5271	-60.40	-13.00	47.40	Vertical
7375.1458	-56.01	-13.00	43.01	Vertical
17998.5000	-40.36	-13.00	27.36	Vertical
44.5992	-63.60	-13.00	50.60	Horizontal
82.4311	-75.66	-13.00	62.66	Horizontal
254.1782	-68.03	-13.00	55.03	Horizontal
3813.0271	-59.39	-13.00	46.39	Horizontal
7369.1456	-56.86	-13.00	43.86	Horizontal
16407.4469	-43.88	-13.00	30.88	Horizontal

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7.5. Test Band = WCDMA Band IV(Ant2)

7.5.1. Test Mode =WCDMA/TM1

7.5.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.2910	-72.62	-13.00	59.62	Vertical
108.5254	-62.30	-13.00	49.30	Vertical
607.1304	-61.17	-13.00	48.17	Vertical
3423.5141	-59.17	-13.00	46.17	Vertical
7450.6484	-53.71	-13.00	40.71	Vertical
17978.4993	-34.59	-13.00	21.59	Vertical
44.7932	-62.02	-13.00	49.02	Horizontal
104.5482	-73.89	-13.00	60.89	Horizontal
239.2880	-65.91	-13.00	52.91	Horizontal
3426.0142	-59.00	-13.00	46.00	Horizontal
7450.1483	-53.73	-13.00	40.73	Horizontal
16402.4467	-35.64	-13.00	22.64	Horizontal

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7.5.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1940	-74.29	-13.00	61.29	Vertical
110.5625	-63.28	-13.00	50.28	Vertical
617.9464	-61.25	-13.00	48.25	Vertical
3467.0156	-59.70	-13.00	46.70	Vertical
7447.1482	-53.73	-13.00	40.73	Vertical
17997.4999	-34.13	-13.00	21.13	Vertical
40.6220	-62.26	-13.00	49.26	Horizontal
87.9604	-73.68	-13.00	60.68	Horizontal
237.3479	-65.27	-13.00	52.27	Horizontal
3466.0155	-58.37	-13.00	45.37	Horizontal
7436.1479	-53.41	-13.00	40.41	Horizontal
16405.4468	-35.65	-13.00	22.65	Horizontal

7.5.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6305	-73.54	-13.00	60.54	Vertical
111.0961	-62.05	-13.00	49.05	Vertical
439.0210	-65.01	-13.00	52.01	Vertical
3507.0169	-58.36	-13.00	45.36	Vertical
7469.6490	-53.29	-13.00	40.29	Vertical
17996.9999	-33.98	-13.00	20.98	Vertical
38.4394	-61.85	-13.00	48.85	Horizontal
122.3971	-73.79	-13.00	60.79	Horizontal
239.5305	-65.38	-13.00	52.38	Horizontal
3503.5168	-55.58	-13.00	42.58	Horizontal
7425.6475	-53.94	-13.00	40.94	Horizontal
16400.4467	-35.63	-13.00	22.63	Horizontal

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7.6. Test Band = WCDMA Band V(Ant2)

7.6.1. Test Mode =WCDMA/TM1

7.6.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4551	-74.94	-13.00	61.94	Vertical
116.1403	-65.09	-13.00	52.09	Vertical
303.8932	-68.53	-13.00	55.53	Vertical
1654.1308	-58.74	-13.00	45.74	Vertical
2697.9396	-52.05	-13.00	39.05	Vertical
9546.3849	-52.61	-13.00	39.61	Vertical
45.5208	-64.20	-13.00	51.20	Horizontal
100.1830	-75.45	-13.00	62.45	Horizontal
234.5347	-68.14	-13.00	55.14	Horizontal
1651.3303	-60.10	-13.00	47.10	Horizontal
2700.3401	-50.75	-13.00	37.75	Horizontal
9308.1436	-52.98	-13.00	39.98	Horizontal

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7.6.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.8245	-74.51	-13.00	61.51	Vertical
109.3015	-64.35	-13.00	51.35	Vertical
340.1730	-68.60	-13.00	55.60	Vertical
1671.3343	-59.42	-13.00	46.42	Vertical
2700.7401	-52.13	-13.00	39.13	Vertical
9857.6619	-52.58	-13.00	39.58	Vertical
43.9687	-64.41	-13.00	51.41	Horizontal
82.2856	-75.83	-13.00	62.83	Horizontal
241.7131	-68.38	-13.00	55.38	Horizontal
1671.3343	-60.09	-13.00	47.09	Horizontal
2702.3405	-50.96	-13.00	37.96	Horizontal
9330.7777	-52.57	-13.00	39.57	Horizontal

7.6.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-75.12	-13.00	62.12	Vertical
109.6410	-64.87	-13.00	51.87	Vertical
381.8366	-68.08	-13.00	55.08	Vertical
1694.5389	-58.92	-13.00	45.92	Vertical
2700.3401	-51.97	-13.00	38.97	Vertical
9881.2294	-52.42	-13.00	39.42	Vertical
44.1627	-63.46	-13.00	50.46	Horizontal
86.0688	-75.23	-13.00	62.23	Horizontal
232.6431	-67.76	-13.00	54.76	Horizontal
1694.9390	-59.95	-13.00	46.95	Horizontal
2697.5395	-50.70	-13.00	37.70	Horizontal
9348.2783	-52.76	-13.00	39.76	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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-3.15	-0.001700	±2.5	PASS
Band2	9262	VN	NT	-2.88	-0.001555	±2.5	PASS
Band2	9262	VH	NT	-2.66	-0.001436	±2.5	PASS
Band2	9400	VL	NT	-2.13	-0.001133	±2.5	PASS
Band2	9400	VN	NT	-2.17	-0.001154	±2.5	PASS
Band2	9400	VH	NT	-1.97	-0.001048	±2.5	PASS
Band2	9538	VL	NT	-2.35	-0.001232	±2.5	PASS
Band2	9538	VN	NT	-2.10	-0.001101	±2.5	PASS
Band2	9538	VH	NT	-2.07	-0.001085	±2.5	PASS
Band4	1312	VL	NT	0.15	0.000088	±2.5	PASS
Band4	1312	VN	NT	0.19	0.000111	±2.5	PASS
Band4	1312	VH	NT	0.29	0.000169	±2.5	PASS
Band4	1413	VL	NT	-2.50	-0.001443	±2.5	PASS
Band4	1413	VN	NT	-2.37	-0.001368	±2.5	PASS
Band4	1413	VH	NT	-2.37	-0.001368	±2.5	PASS
Band4	1513	VL	NT	0.14	0.000080	±2.5	PASS
Band4	1513	VN	NT	0.10	0.000057	±2.5	PASS
Band4	1513	VH	NT	-0.14	-0.000080	±2.5	PASS
Band5	4132	VL	NT	-1.19	-0.001440	±2.5	PASS
Band5	4132	VN	NT	-1.19	-0.001440	±2.5	PASS
Band5	4132	VH	NT	-1.14	-0.001379	±2.5	PASS
Band5	4182	VL	NT	-0.25	-0.000299	±2.5	PASS
Band5	4182	VN	NT	-0.34	-0.000407	±2.5	PASS
Band5	4182	VH	NT	-0.26	-0.000311	±2.5	PASS
Band5	4233	VL	NT	0.09	0.000106	±2.5	PASS
Band5	4233	VN	NT	0.17	0.000201	±2.5	PASS
Band5	4233	VH	NT	0.15	0.000177	±2.5	PASS

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8.2. Frequency Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-2.35	-0.001269	±2.5	PASS
Band2	9262	NV	-20	-2.23	-0.001204	±2.5	PASS
Band2	9262	NV	-10	-2.37	-0.001279	±2.5	PASS
Band2	9262	NV	0	-2.67	-0.001441	±2.5	PASS
Band2	9262	NV	10	-2.67	-0.001441	±2.5	PASS
Band2	9262	NV	20	-2.52	-0.001360	±2.5	PASS
Band2	9262	NV	30	-2.51	-0.001355	±2.5	PASS
Band2	9262	NV	40	-2.36	-0.001274	±2.5	PASS
Band2	9262	NV	50	-2.00	-0.001080	±2.5	PASS
Band2	9400	NV	-30	-2.24	-0.001191	±2.5	PASS
Band2	9400	NV	-20	-2.34	-0.001245	±2.5	PASS
Band2	9400	NV	-10	-2.10	-0.001117	±2.5	PASS
Band2	9400	NV	0	-1.86	-0.000989	±2.5	PASS
Band2	9400	NV	10	-2.22	-0.001181	±2.5	PASS
Band2	9400	NV	20	-2.44	-0.001298	±2.5	PASS
Band2	9400	NV	30	-2.17	-0.001154	±2.5	PASS
Band2	9400	NV	40	-2.18	-0.001160	±2.5	PASS
Band2	9400	NV	50	-2.14	-0.001138	±2.5	PASS
Band2	9538	NV	-30	-1.82	-0.000954	±2.5	PASS
Band2	9538	NV	-20	-2.07	-0.001085	±2.5	PASS
Band2	9538	NV	-10	-1.92	-0.001007	±2.5	PASS
Band2	9538	NV	0	-1.97	-0.001033	±2.5	PASS
Band2	9538	NV	10	-1.89	-0.000991	±2.5	PASS
Band2	9538	NV	20	-1.82	-0.000954	±2.5	PASS
Band2	9538	NV	30	-2.18	-0.001143	±2.5	PASS
Band2	9538	NV	40	-1.82	-0.000954	±2.5	PASS
Band2	9538	NV	50	-2.15	-0.001127	±2.5	PASS
Band4	1312	NV	-30	-0.11	-0.000064	±2.5	PASS
Band4	1312	NV	-20	0.13	0.000076	±2.5	PASS
Band4	1312	NV	-10	0.29	0.000169	±2.5	PASS
Band4	1312	NV	0	0.06	0.000035	±2.5	PASS
Band4	1312	NV	10	0.09	0.000053	±2.5	PASS
Band4	1312	NV	20	0.36	0.000210	±2.5	PASS

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Band4	1312	NV	30	0.26	0.000152	±2.5	PASS
Band4	1312	NV	40	0.12	0.000070	±2.5	PASS
Band4	1312	NV	50	0.07	0.000041	±2.5	PASS
Band4	1413	NV	-30	-2.23	-0.001287	±2.5	PASS
Band4	1413	NV	-20	-2.32	-0.001339	±2.5	PASS
Band4	1413	NV	-10	-2.31	-0.001333	±2.5	PASS
Band4	1413	NV	0	-2.47	-0.001426	±2.5	PASS
Band4	1413	NV	10	-2.29	-0.001322	±2.5	PASS
Band4	1413	NV	20	-2.61	-0.001506	±2.5	PASS
Band4	1413	NV	30	-2.37	-0.001368	±2.5	PASS
Band4	1413	NV	40	-2.29	-0.001322	±2.5	PASS
Band4	1413	NV	50	-2.22	-0.001281	±2.5	PASS
Band4	1513	NV	-30	0.15	0.000086	±2.5	PASS
Band4	1513	NV	-20	0.16	0.000091	±2.5	PASS
Band4	1513	NV	-10	0.21	0.000120	±2.5	PASS
Band4	1513	NV	0	0.04	0.000023	±2.5	PASS
Band4	1513	NV	10	-0.04	-0.000023	±2.5	PASS
Band4	1513	NV	20	0.22	0.000126	±2.5	PASS
Band4	1513	NV	30	-0.04	-0.000023	±2.5	PASS
Band4	1513	NV	40	0.05	0.000029	±2.5	PASS
Band4	1513	NV	50	0.11	0.000063	±2.5	PASS
Band5	4132	NV	-30	-1.19	-0.001440	±2.5	PASS
Band5	4132	NV	-20	-1.18	-0.001428	±2.5	PASS
Band5	4132	NV	-10	-1.19	-0.001440	±2.5	PASS
Band5	4132	NV	0	-1.29	-0.001561	±2.5	PASS
Band5	4132	NV	10	-1.29	-0.001561	±2.5	PASS
Band5	4132	NV	20	-1.21	-0.001464	±2.5	PASS
Band5	4132	NV	30	-1.12	-0.001355	±2.5	PASS
Band5	4132	NV	40	-1.14	-0.001379	±2.5	PASS
Band5	4132	NV	50	-1.05	-0.001271	±2.5	PASS
Band5	4182	NV	-30	-0.38	-0.000454	±2.5	PASS
Band5	4182	NV	-20	-0.34	-0.000407	±2.5	PASS
Band5	4182	NV	-10	-0.19	-0.000227	±2.5	PASS
Band5	4182	NV	0	-0.31	-0.000371	±2.5	PASS
Band5	4182	NV	10	-0.19	-0.000227	±2.5	PASS
Band5	4182	NV	20	-0.17	-0.000203	±2.5	PASS
Band5	4182	NV	30	-0.46	-0.000550	±2.5	PASS

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Band5	4182	NV	40	-0.15	-0.000179	±2.5	PASS
Band5	4182	NV	50	-0.36	-0.000430	±2.5	PASS
Band5	4233	NV	-30	0.15	0.000177	±2.5	PASS
Band5	4233	NV	-20	0.21	0.000248	±2.5	PASS
Band5	4233	NV	-10	-0.05	-0.000059	±2.5	PASS
Band5	4233	NV	0	0.24	0.000283	±2.5	PASS
Band5	4233	NV	10	0.04	0.000047	±2.5	PASS
Band5	4233	NV	20	0.22	0.000260	±2.5	PASS
Band5	4233	NV	30	0.16	0.000189	±2.5	PASS
Band5	4233	NV	40	0.06	0.000071	±2.5	PASS
Band5	4233	NV	50	-0.05	-0.000059	±2.5	PASS

The End

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