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	22.98	20.78	33.00	PASS
Band II	9400	23.08	20.88	33.00	PASS
Band II	9538	23.06	20.86	33.00	PASS
Band IV	1312	22.95	20.65	30.00	PASS
Band IV	1413	23.13	20.83	30.00	PASS
Band IV	1513	23.12	20.82	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.11	16.06	38.45	PASS
Band V	4182	23.14	16.09	38.45	PASS
Band V	4233	23.07	16.02	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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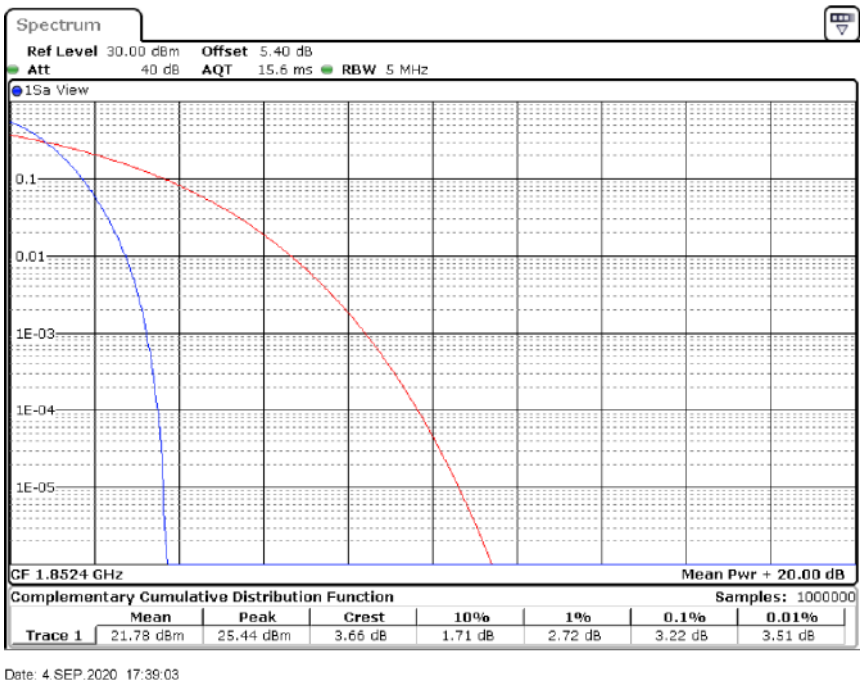
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.22	13	PASS
Band2	9400	3.25	13	PASS
Band2	9538	3.28	13	PASS
Band4	1312	3.22	13	PASS
Band4	1413	3.19	13	PASS
Band4	1513	3.25	13	PASS
Band5	4132	3.13	13	PASS
Band5	4182	3.19	13	PASS
Band5	4233	3.16	13	PASS

2.2. Test Plots

Band2-9262



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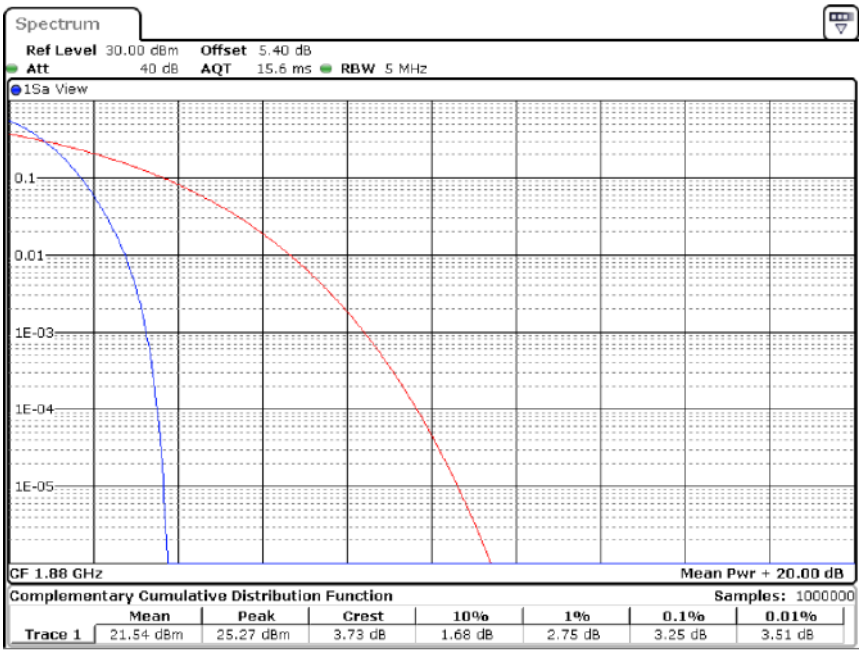
Band2-9400



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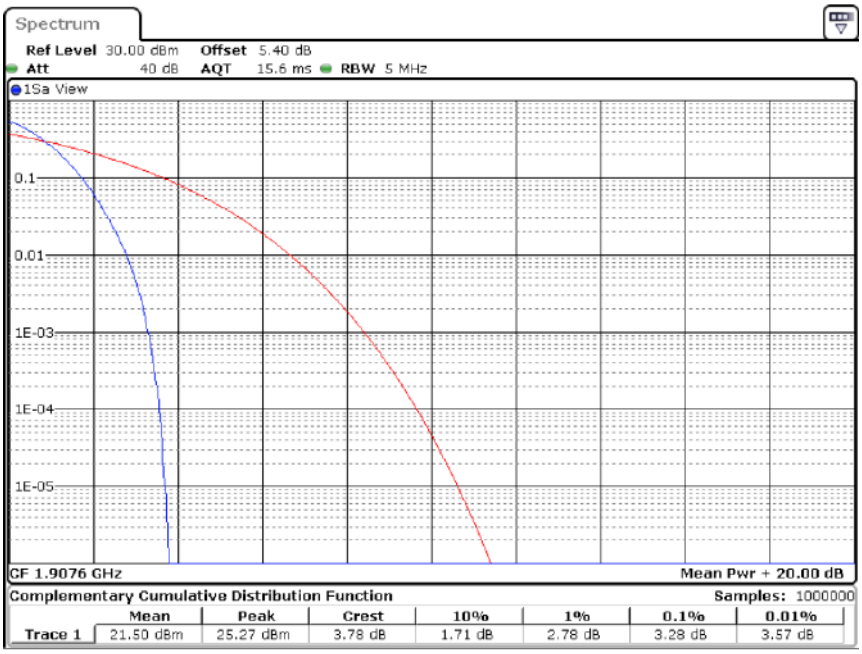
Band2-9538



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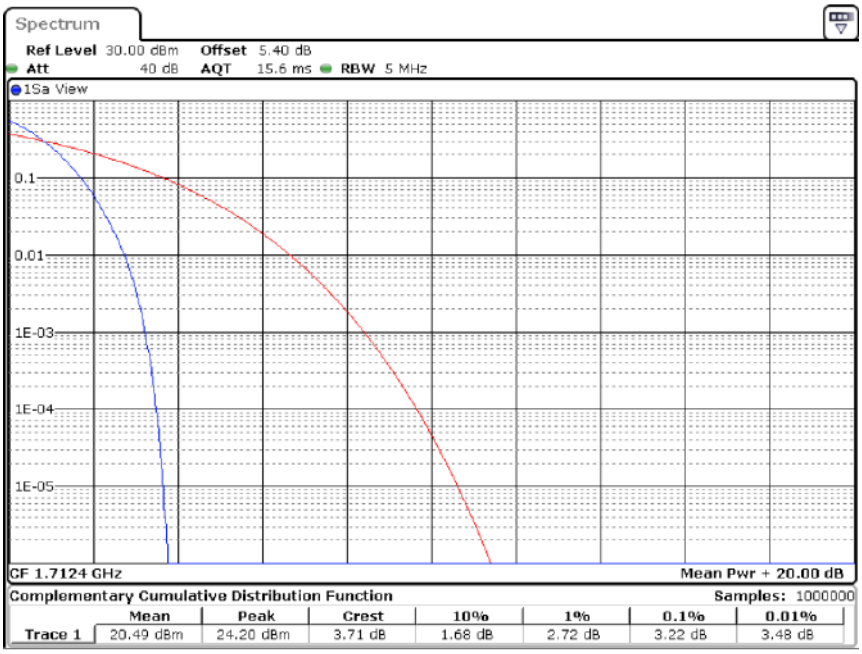
Band4-1312



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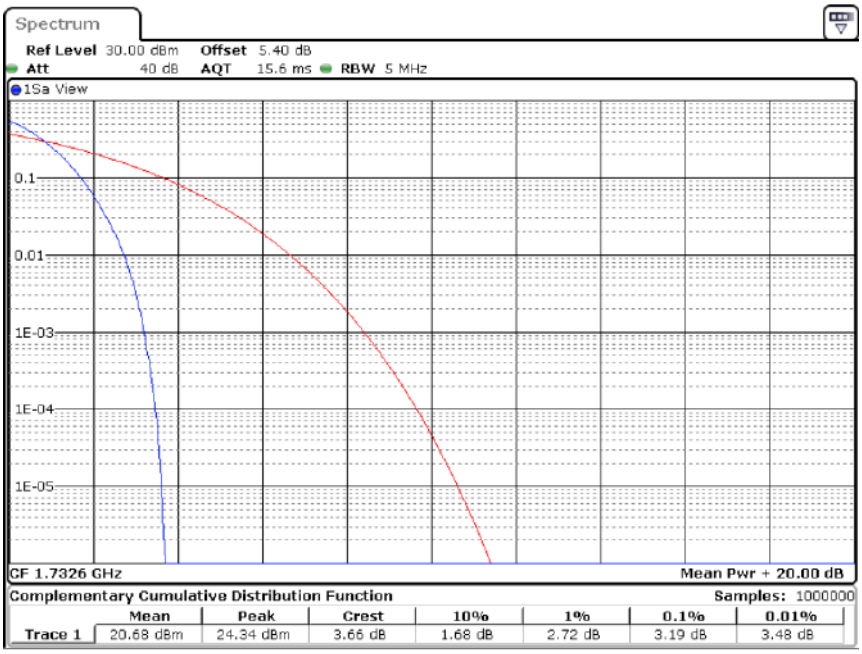

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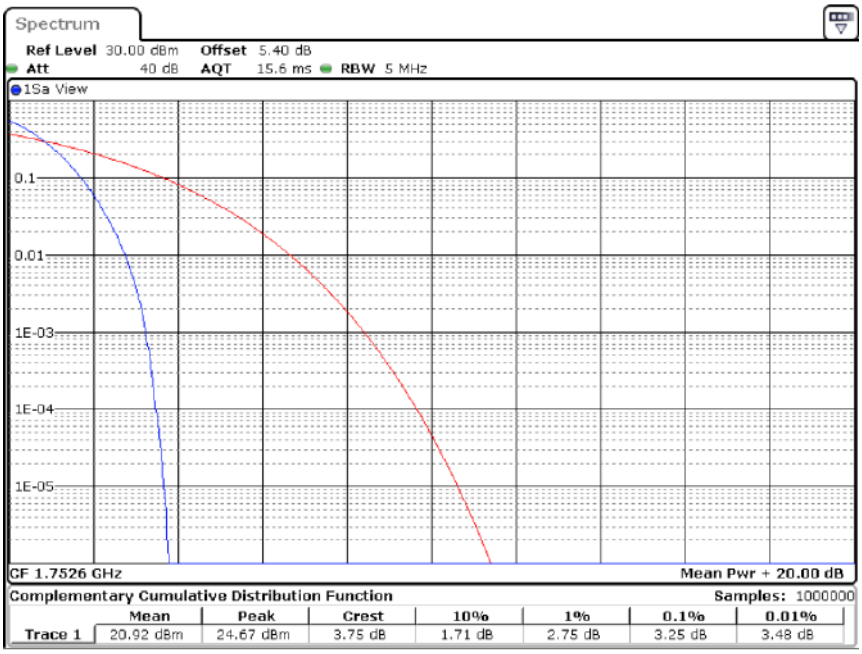
Band4-1513



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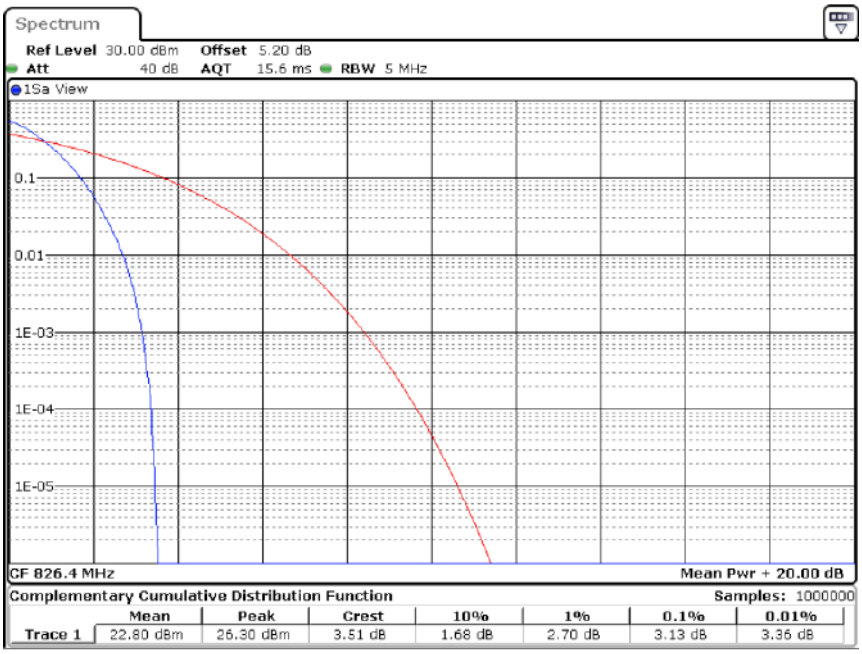
Band5-4132



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Band5-4182

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.83 dBm	26.43 dBm	3.60 dB	1.68 dB	2.72 dB	3.19 dB	3.42 dB

Date: 4.SEP.2020 18:16:28

Band5-4233

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.69 dBm	26.24 dBm	3.56 dB	1.71 dB	2.70 dB	3.16 dB	3.39 dB

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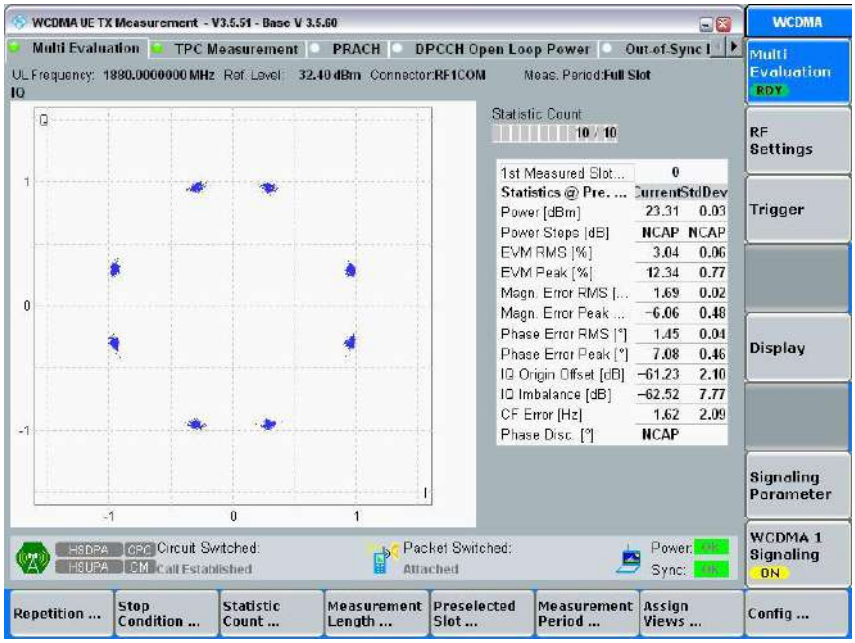
3. Modulation Characteristics

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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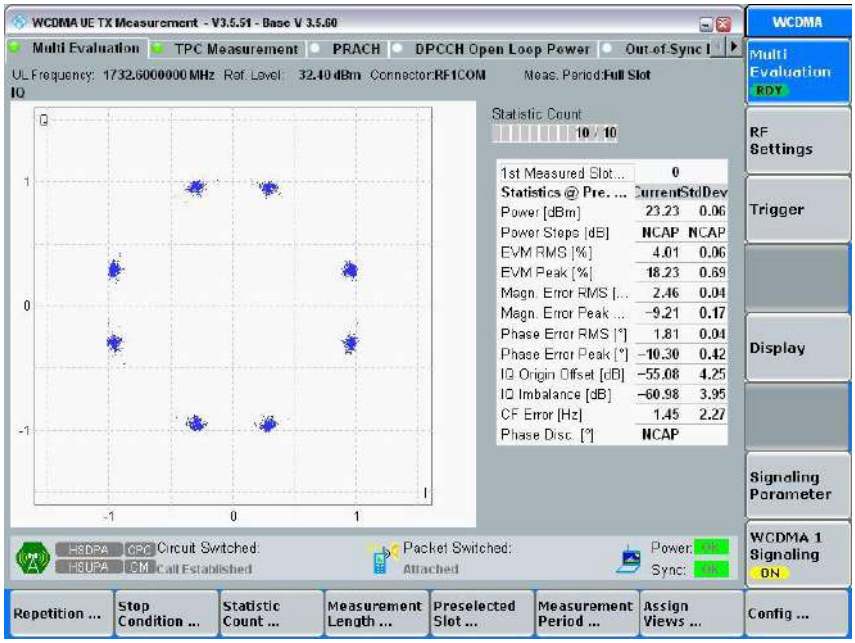
3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH



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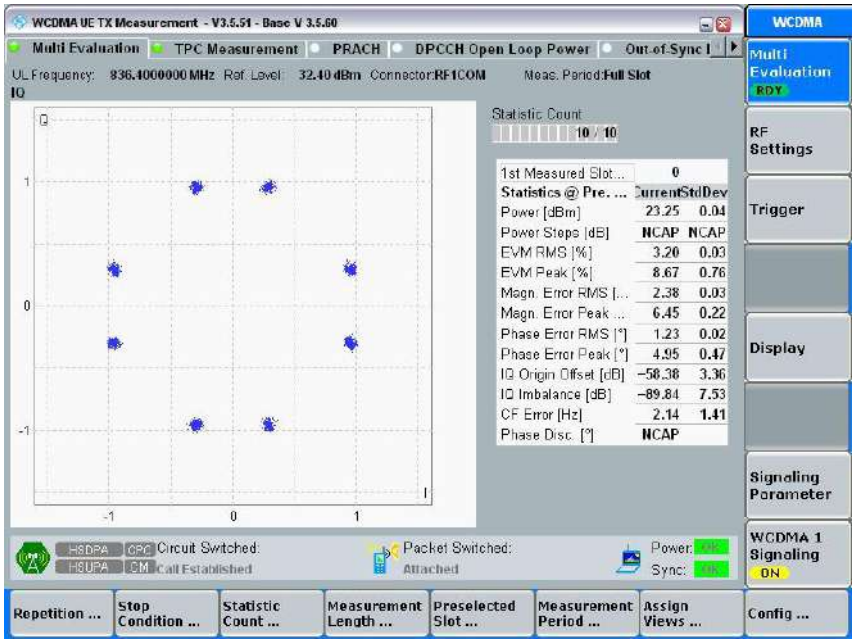
3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH



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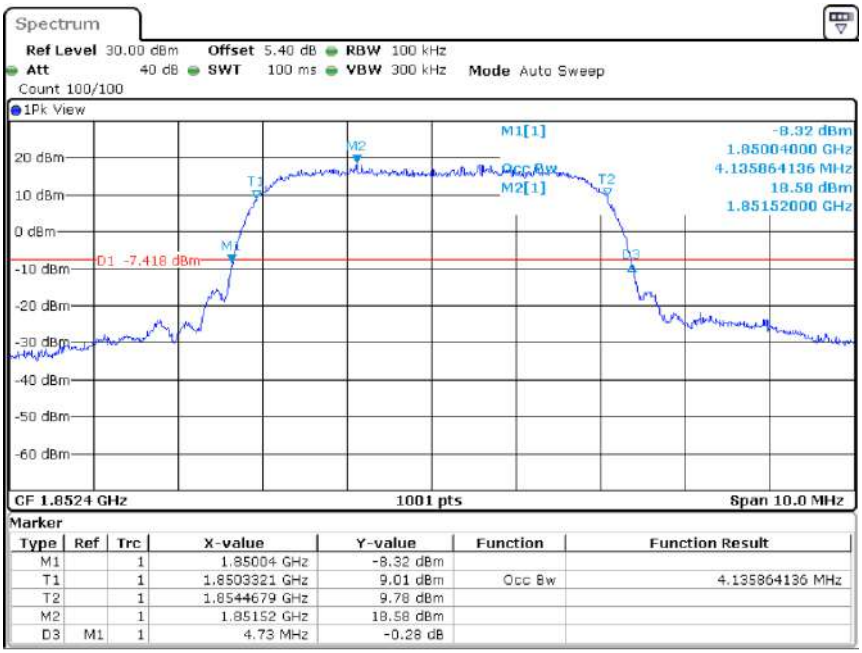
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

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

4.2. Test Plots

Band2-9262



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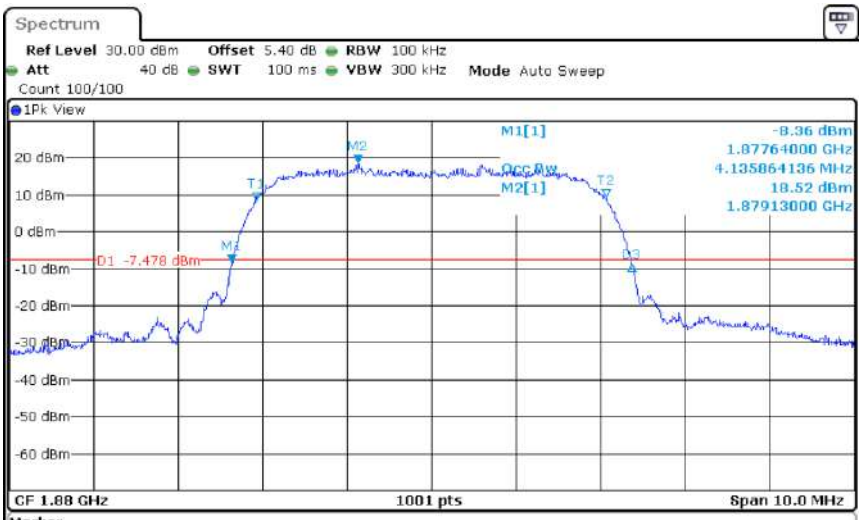
Band2-9400



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87764 GHz	-8.36 dBm		
T1		1	1.8779221 GHz	8.38 dBm	Occ Bw	4.135864136 MHz
T2		1	1.8820579 GHz	9.44 dBm		
M2		1	1.87913 GHz	18.52 dBm		
D3	M1	1	4.72 MHz	-0.34 dB		

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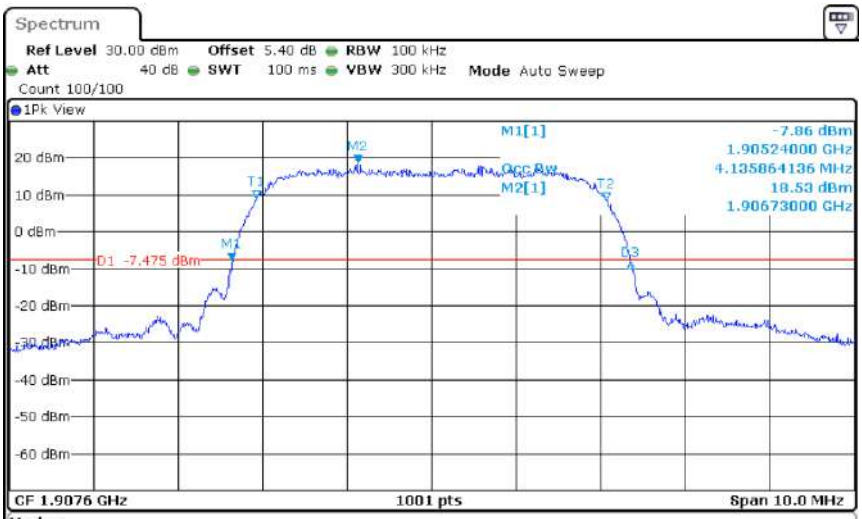
Band2-9538



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90524 GHz	-7.86 dBm		
T1		1	1.9055221 GHz	9.13 dBm	Occ Bw	4.135864136 MHz
T2		1	1.9096579 GHz	8.49 dBm		
M2		1	1.90673 GHz	18.53 dBm		
D3	M1	1	4.71 MHz	-0.13 dB		

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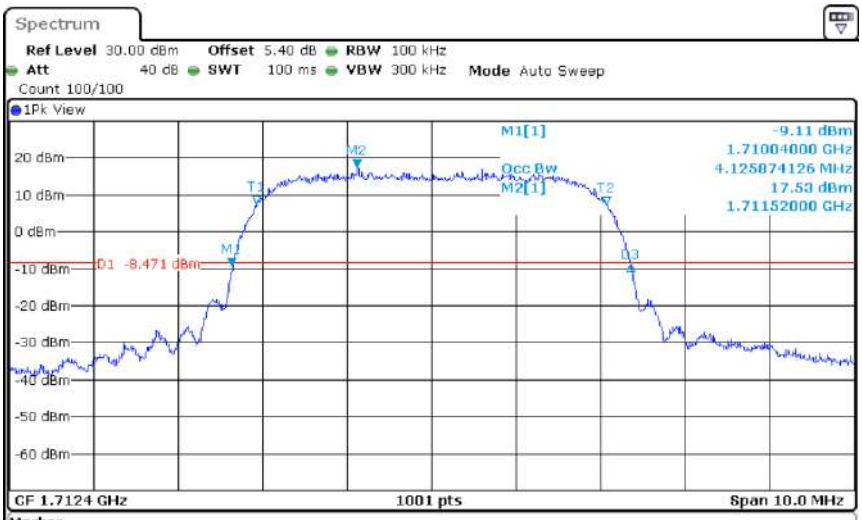
Band4-1312



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71004 GHz	-9.11 dBm		
T1		1	1.7103321 GHz	7.67 dBm	Occ Bw	4.125874126 MHz
T2		1	1.7144579 GHz	7.40 dBm		
M2		1	1.71152 GHz	17.53 dBm		
D3	M1	1	4.71 MHz	0.36 dB		

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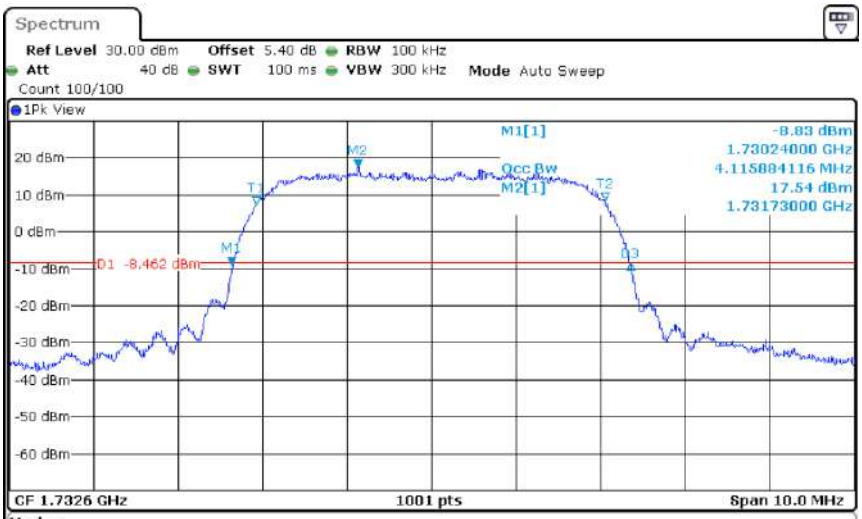
Band4-1413



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73024 GHz	-8.83 dBm		
T1		1	1.7305321 GHz	7.22 dBm	Occ Bw	4.115884116 MHz
T2		1	1.734648 GHz	8.37 dBm		
M2		1	1.73173 GHz	17.54 dBm		
D3	M1	1	4.71 MHz	0.35 dB		

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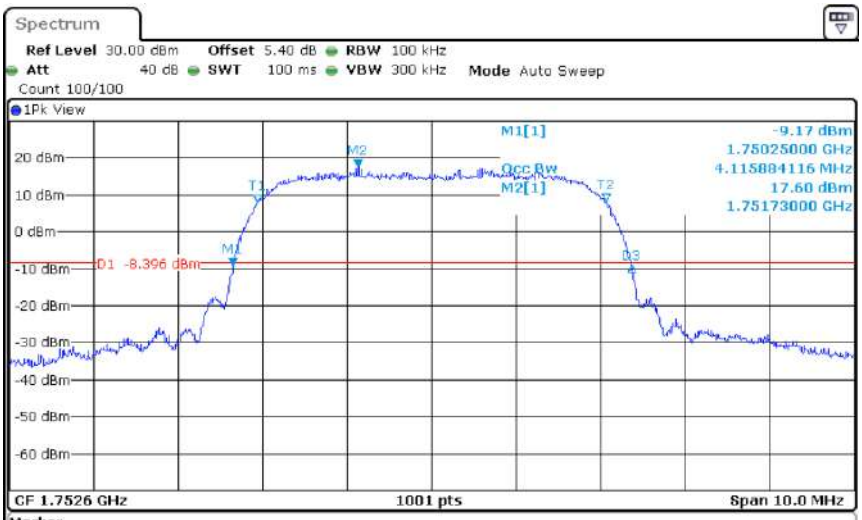
Band4-1513



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75025 GHz	-9.17 dBm		
T1		1	1.7505421 GHz	8.00 dBm	Occ Bw	4.115884116 MHz
T2		1	1.7546579 GHz	8.08 dBm		
M2		1	1.75173 GHz	17.60 dBm		
D3	M1	1	4.71 MHz	0.23 dB		

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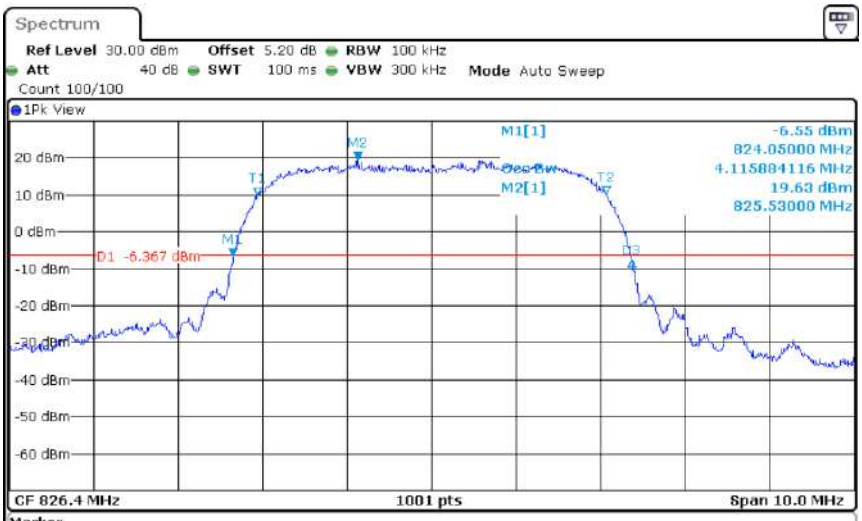
Band5-4132



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.05 MHz	-6.55 dBm		
T1		1	824.34206 MHz	10.06 dBm	Occ Bw	4.115884116 MHz
T2		1	828.45794 MHz	10.26 dBm		
M2		1	825.53 MHz	19.63 dBm		
D3	M1	1	4.72 MHz	-0.95 dB		

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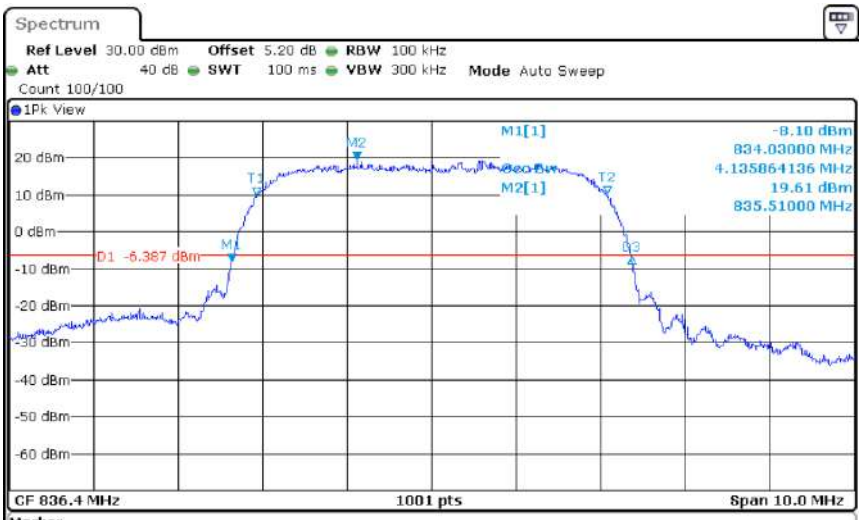
Band5-4182

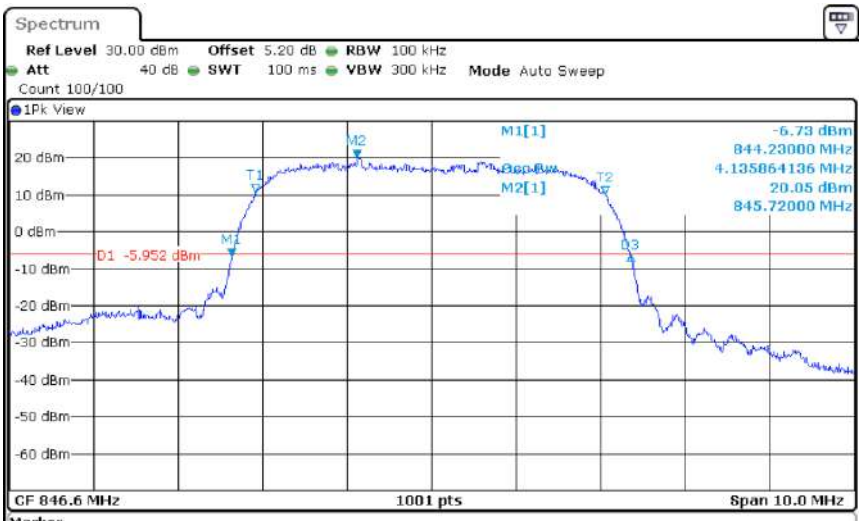


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.03 MHz	-8.10 dBm		
T1		1	834.33207 MHz	10.03 dBm	Occ Bw	4.135864136 MHz
T2		1	838.46793 MHz	10.35 dBm		
M2		1	835.51 MHz	19.61 dBm		
D3	M1	1	4.73 MHz	1.61 dB		

Date: 4.SEP.2020 18:33:39

Band5-4233



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	844.23 MHz	-6.73 dBm		
T1		1	844.51209 MHz	10.68 dBm	Occ Bw	4.135864136 MHz
T2		1	848.64795 MHz	10.30 dBm		
M2		1	845.72 MHz	20.05 dBm		
D3	M1	1	4.72 MHz	0.53 dB		

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5. Band Edge Compliance

5.1. Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.88	-24.46	-13	PASS
Band2	9538	1910.17	-24.79	-13	PASS
Band4	1312	1709.86	-26.93	-13	PASS
Band4	1513	1755.15	-26.65	-13	PASS
Band5	4132	823.85	-24.23	-13	PASS
Band5	4233	849.00	-24.25	-13	PASS

5.2. Test Plots

Band2-9262-1849.88

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Band2-9538-1910.17

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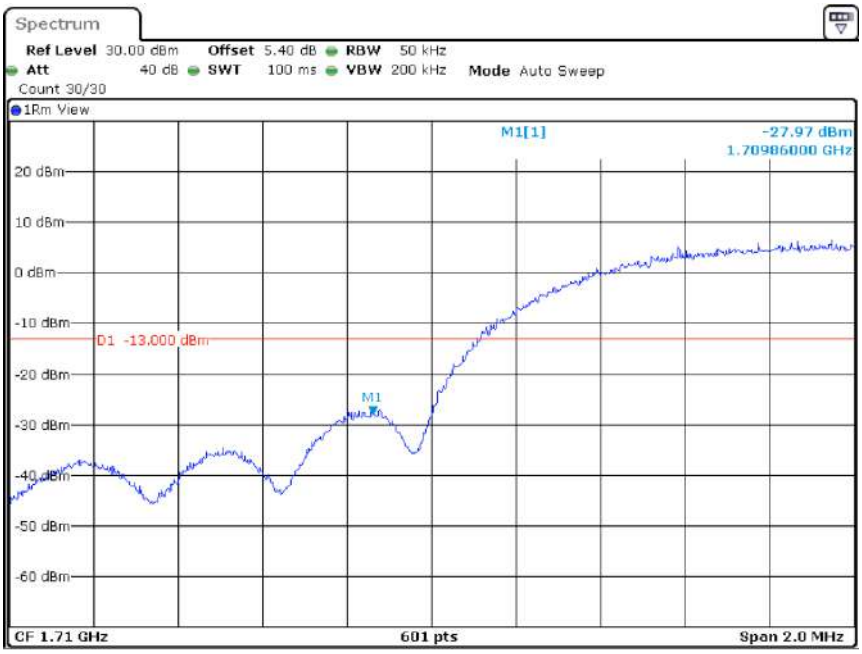
Band4-1312-1709.86



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Band4-1513-1755.15

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Band5-4132-823.85

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Band5-4233-849.00

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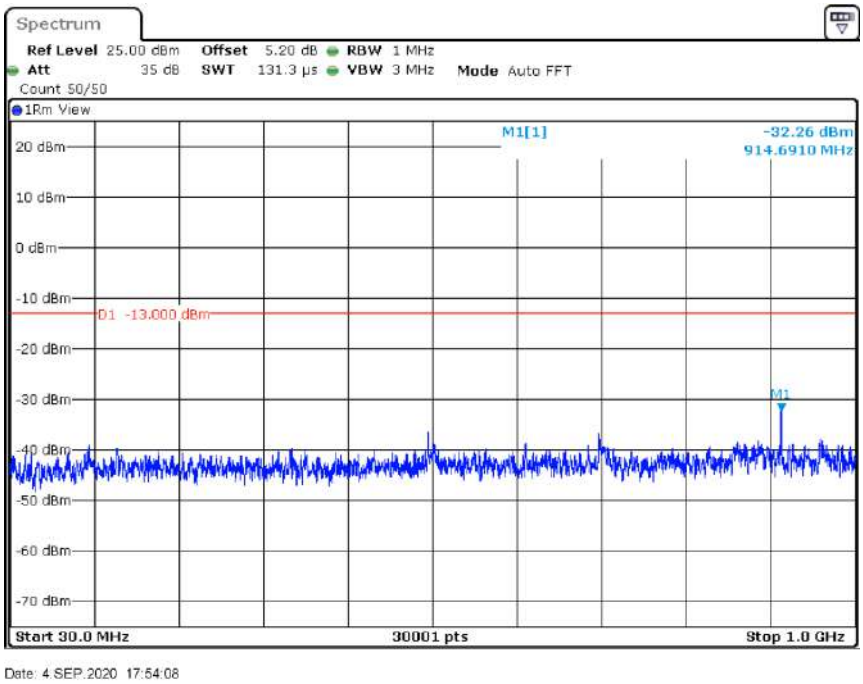
6. Spurious Emission at Antenna Terminal

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-914.69



Date: 4.SEP.2020 17:54:08

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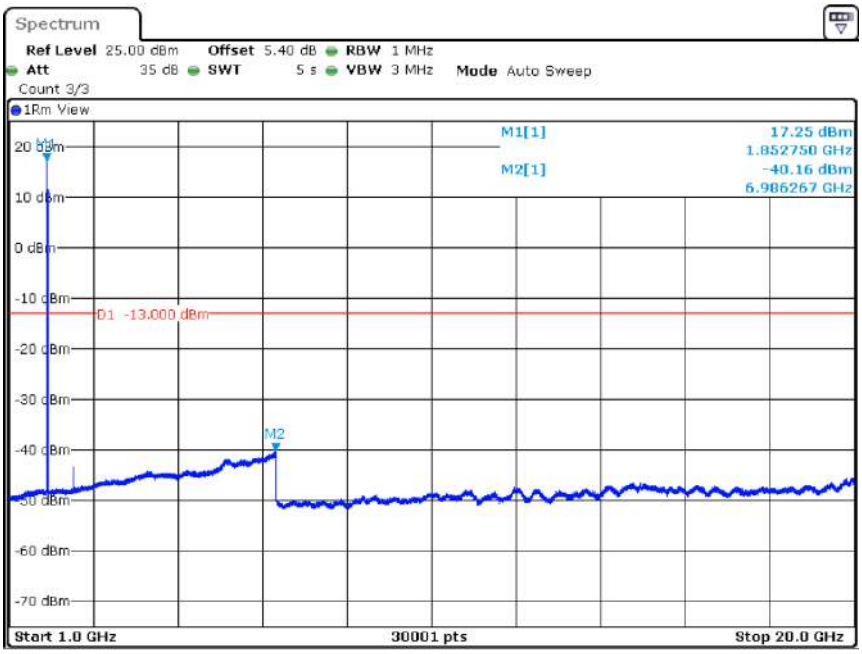
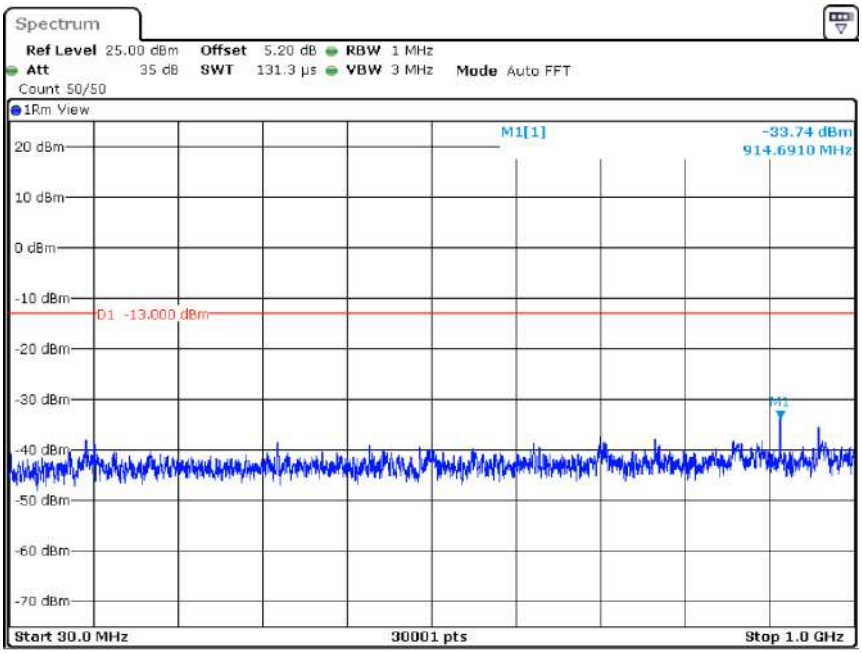
Band2-9262-1000~20000MHz-6986.27



Date: 4.SEP.2020 17:54:32

Band2-9400-30~1000MHz-914.69



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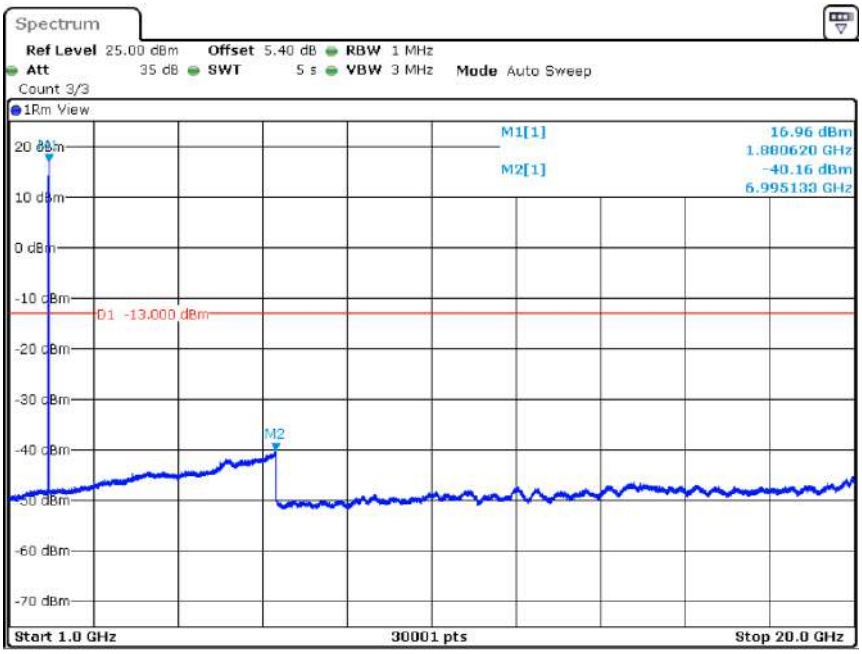
Band2-9400-1000~20000MHz-6995.13



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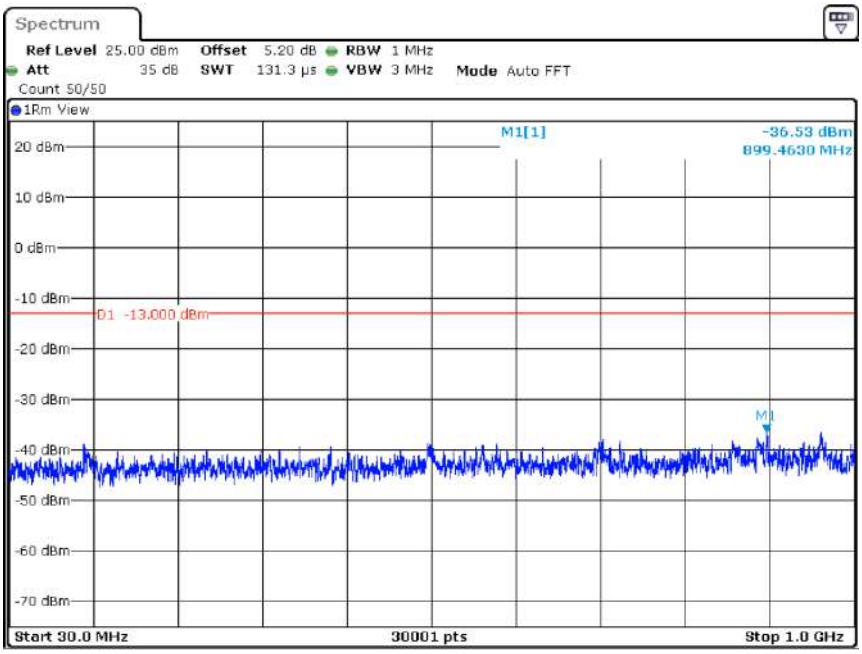
Band2-9538-30~1000MHz-899.46



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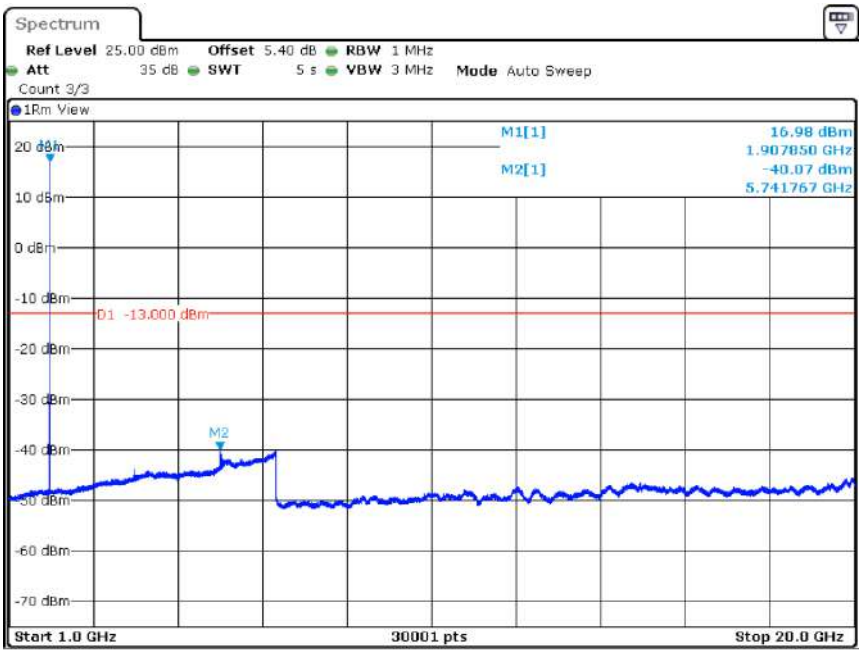
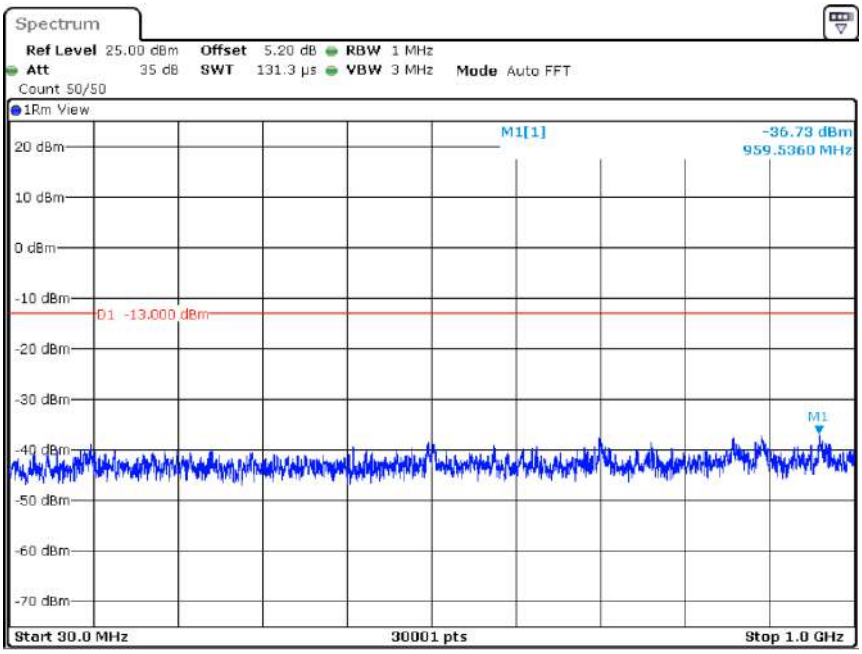
Band2-9538-1000~20000MHz-5741.77



Date: 4.SEP.2020 17:55:45

Band4-1312-30~1000MHz-959.54



Date: 4.SEP.2020 18:12:14

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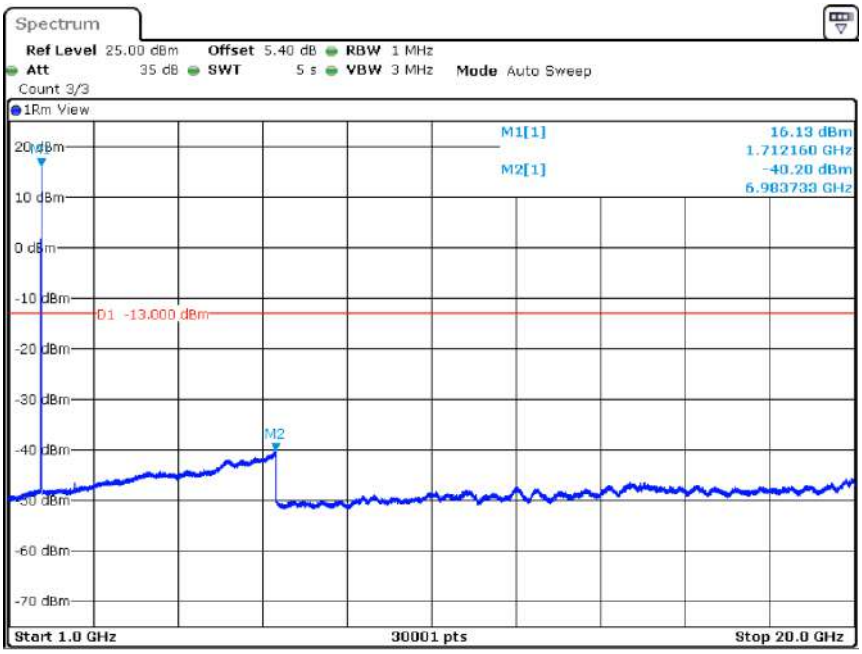
Band4-1312-1000~20000MHz-6983.73



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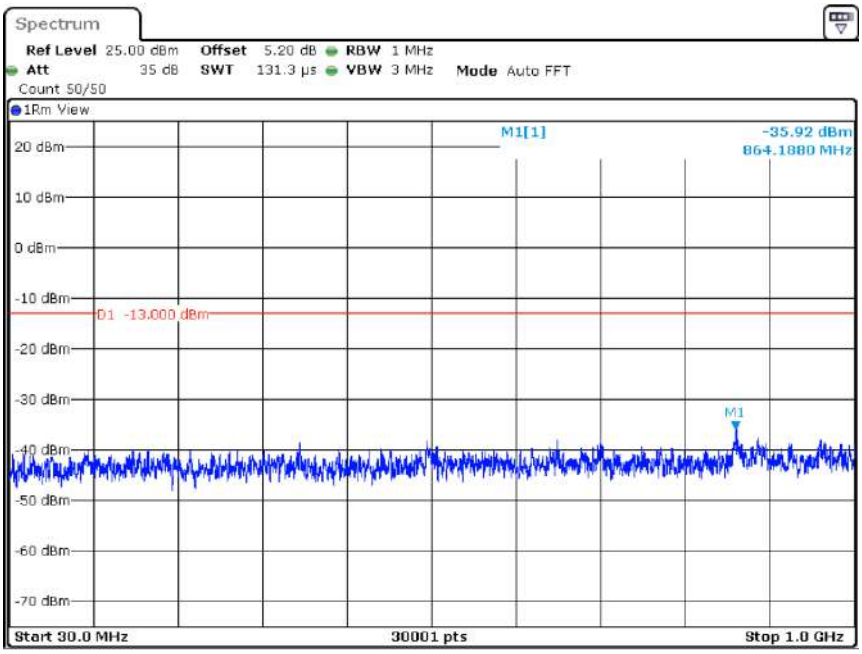
Band4-1413-30~1000MHz-864.19



Date: 4.SEP.2020 18:12:50

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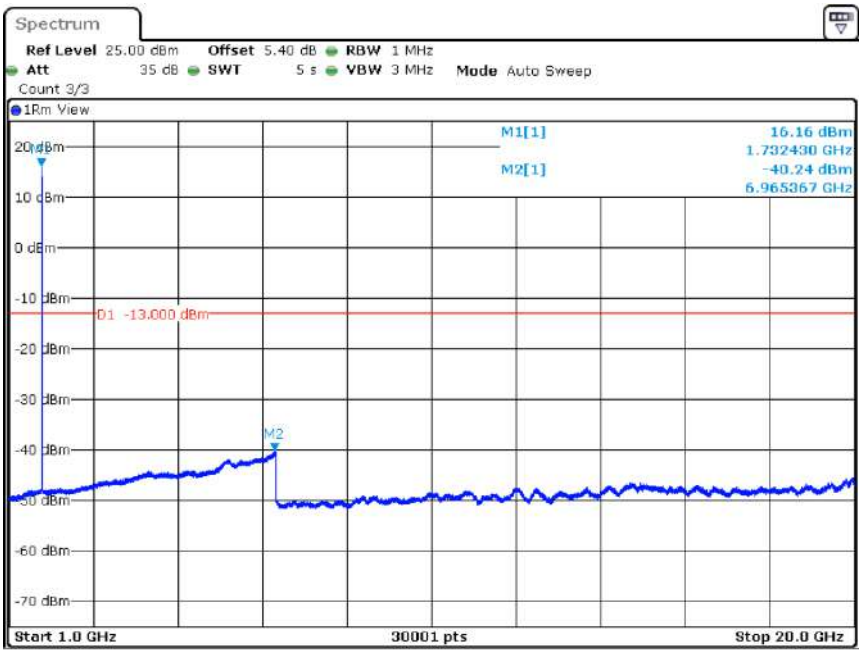
Band4-1413-1000~20000MHz-6965.37



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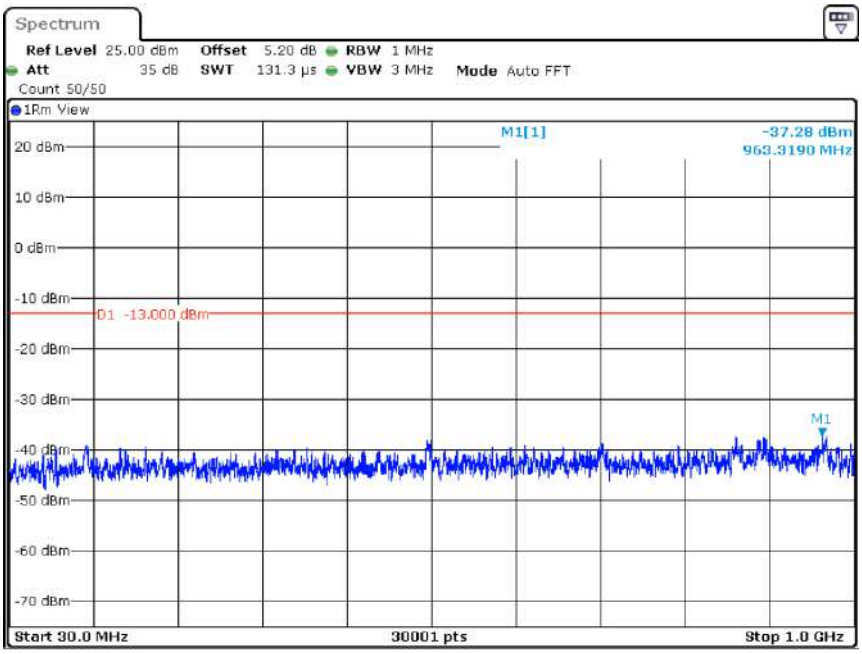
Band4-1513-30~1000MHz-963.32



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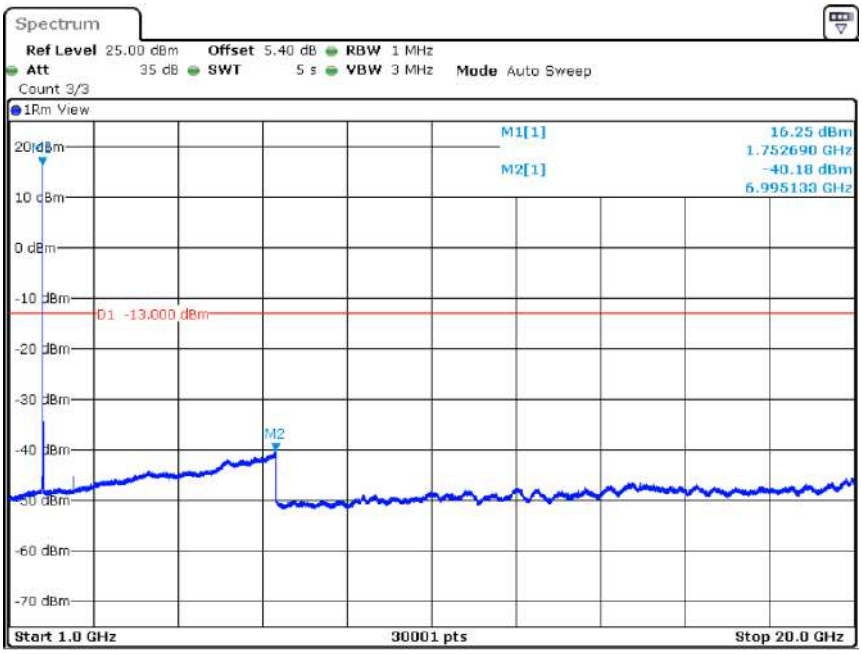
Band4-1513-1000~20000MHz-6995.13



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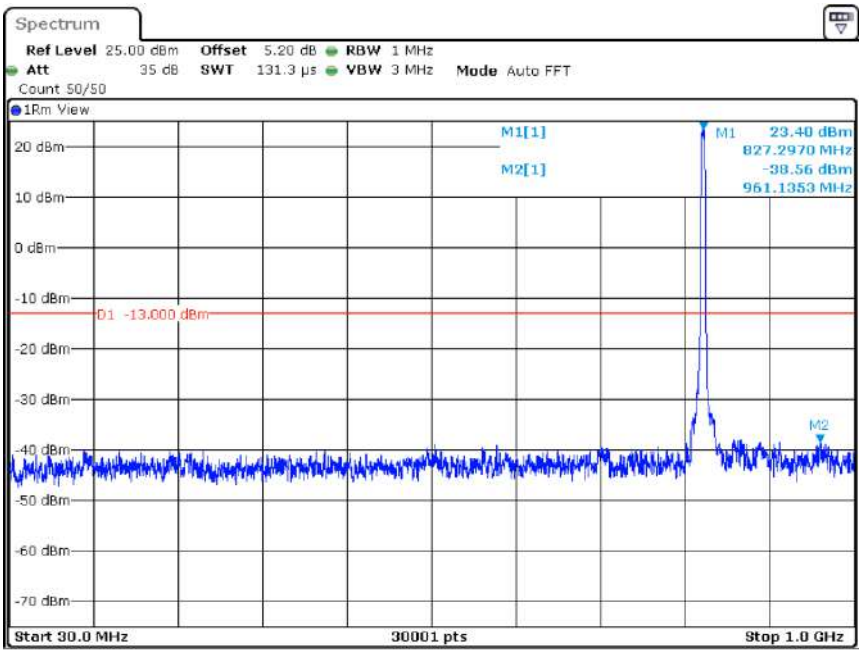
Band5-4132-30~1000MHz-961.14



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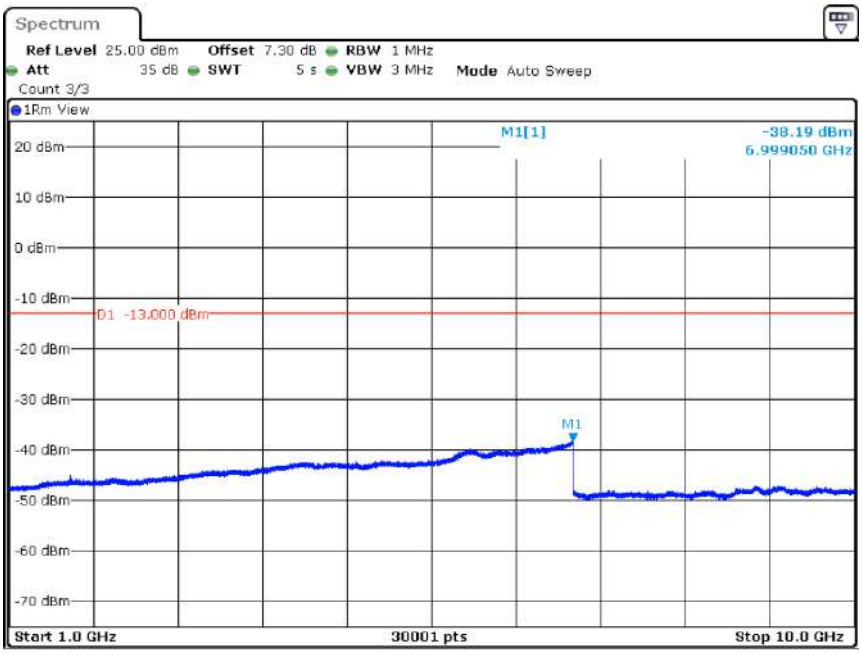
Band5-4132-1000~10000MHz-6999.05



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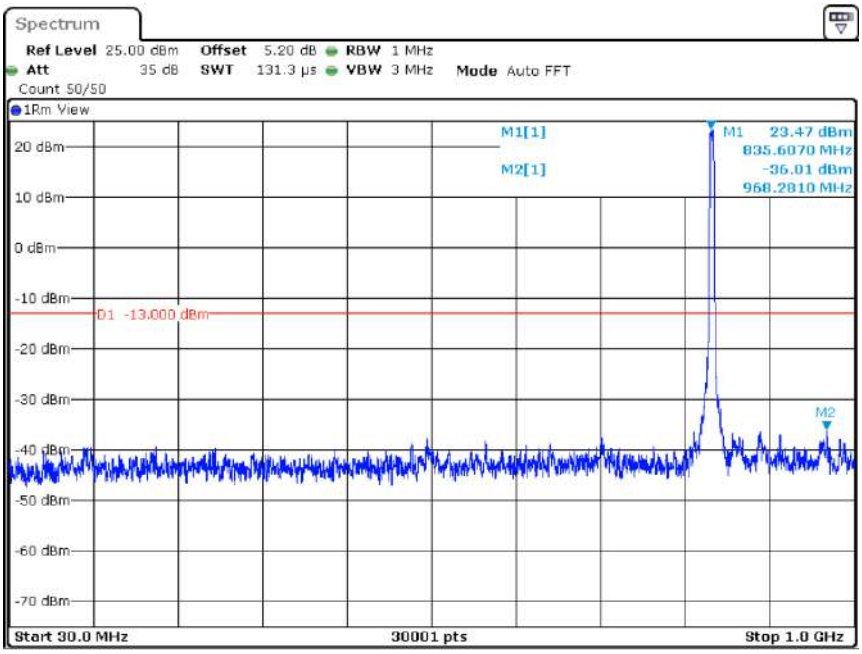
Band5-4182-30~1000MHz-668.281



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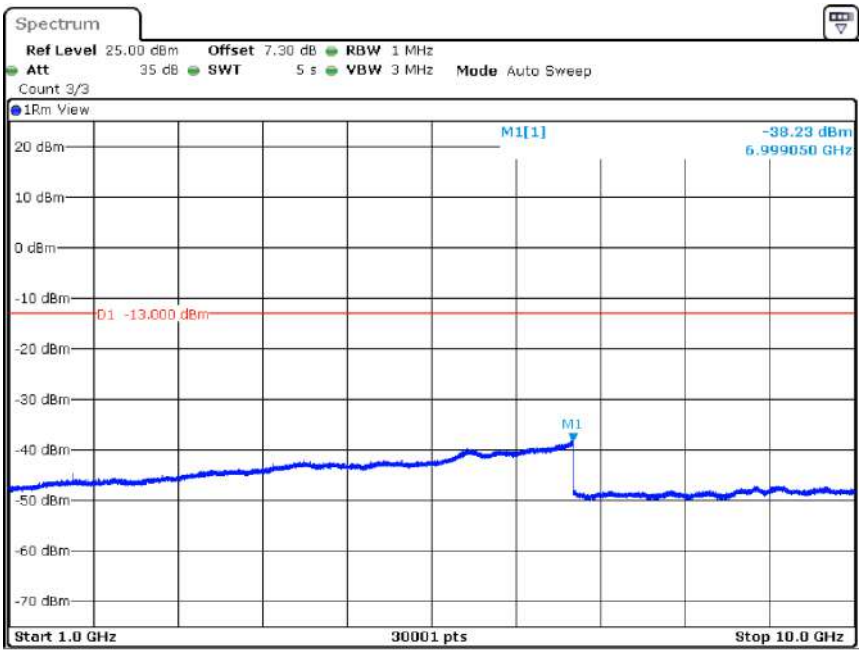
Band5-4182-1000~10000MHz-6999.05



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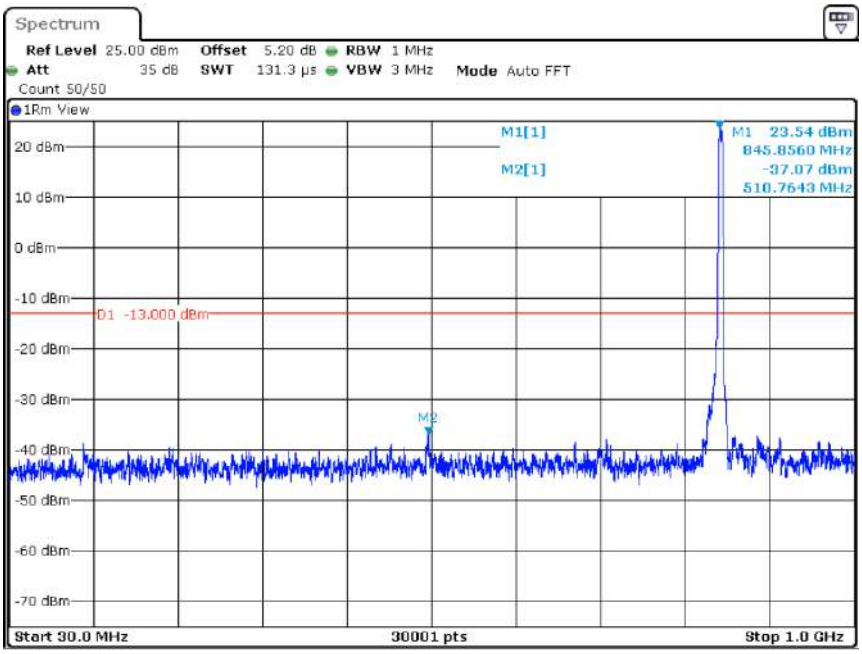

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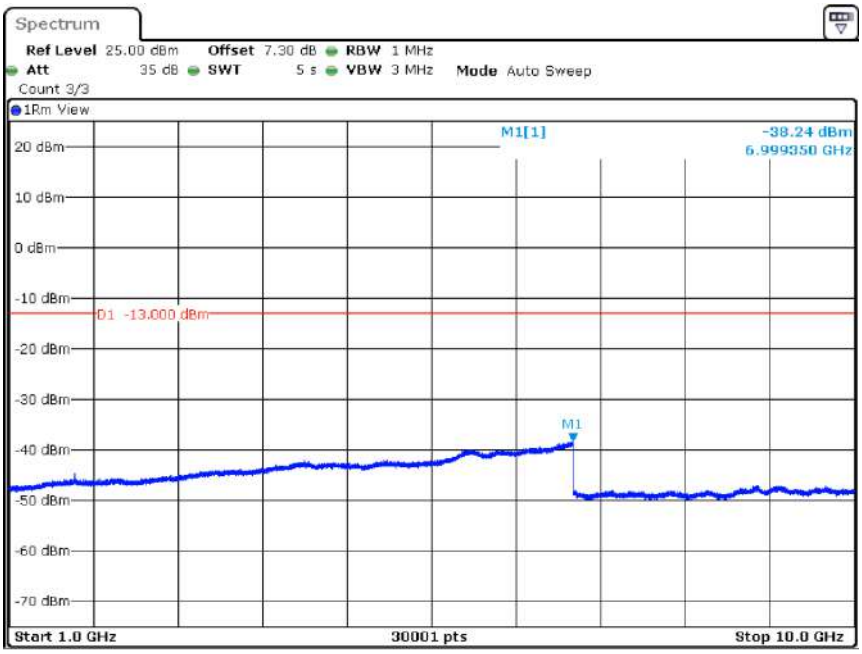
Band5-4233-1000~10000MHz-6999.35



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7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA Band II

7.1.1. Test Mode =WCDMA/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.6435	-72.10	-13.00	59.10	258	64	Vertical
109.6410	-64.10	-13.00	51.10	151	64	Vertical
608.5369	-64.04	-13.00	51.04	288	159	Vertical
3748.0249	-61.15	-13.00	48.15	196	287	Vertical
10669.7557	-51.51	-13.00	38.51	231	64	Vertical
17991.4997	-40.16	-13.00	27.16	261	319	Vertical
44.3567	-64.06	-13.00	51.06	258	101	Horizontal
103.9662	-75.59	-13.00	62.59	296	5	Horizontal
243.7987	-68.45	-13.00	55.45	254	101	Horizontal
3706.5236	-59.85	-13.00	46.85	158	197	Horizontal
7460.1487	-56.21	-13.00	43.21	199	356	Horizontal
16394.9465	-43.60	-13.00	30.60	157	165	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
52.2141	-72.41	-13.00	59.41	281	356	Vertical
105.6638	-64.33	-13.00	51.33	258	133	Vertical
625.2218	-63.59	-13.00	50.59	196	69	Vertical
3758.5253	-61.00	-13.00	48.00	321	229	Vertical
7372.1457	-55.89	-13.00	42.89	226	261	Vertical
17991.4997	-39.63	-13.00	26.63	154	5	Vertical
39.3125	-64.29	-13.00	51.29	174	325	Horizontal

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98.8249	-75.57	-13.00	62.57	185	261	Horizontal
241.7131	-67.56	-13.00	54.56	196	197	Horizontal
3762.0254	-57.21	-13.00	44.21	321	197	Horizontal
7479.1493	-56.32	-13.00	43.32	262	229	Horizontal
16403.9468	-43.75	-13.00	30.75	255	261	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.6435	-72.09	-13.00	59.09	185	5	Vertical
105.6638	-64.64	-13.00	51.64	196	197	Vertical
625.2703	-63.10	-13.00	50.10	231	165	Vertical
3817.5273	-60.67	-13.00	47.67	251	197	Vertical
7388.1463	-56.11	-13.00	43.11	154	165	Vertical
17997.9999	-40.16	-13.00	27.16	184	69	Vertical
46.2968	-63.65	-13.00	50.65	188	101	Horizontal
241.9071	-67.95	-13.00	54.95	199	5	Horizontal
595.2473	-64.18	-13.00	51.18	321	69	Horizontal
3814.0271	-54.44	-13.00	41.44	251	197	Horizontal
7417.1472	-56.54	-13.00	43.54	184	133	Horizontal
16386.4462	-43.79	-13.00	30.79	194	293	Horizontal

7.2. Test Band = WCDMA Band IV

7.2.1. Test Mode =WCDMA/TM1

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
50.4680	-70.49	-13.00	57.49	158	165	Vertical
116.5283	-62.73	-13.00	49.73	196	229	Vertical
575.6038	-59.99	-13.00	46.99	258	5	Vertical
5069.5690	-59.60	-13.00	46.60	241	5	Vertical

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9341.7114	-48.72	-13.00	35.72	230	229	Vertical
17981.4994	-33.86	-13.00	20.86	215	101	Vertical
36.6448	-63.24	-13.00	50.24	151	293	Horizontal
99.8920	-72.94	-13.00	59.94	184	70	Horizontal
244.6717	-65.40	-13.00	52.40	196	293	Horizontal
5175.0725	-59.54	-13.00	46.54	231	198	Horizontal
9998.2333	-49.48	-13.00	36.48	251	6	Horizontal
16402.4467	-35.56	-13.00	22.56	155	198	Horizontal

7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
50.4195	-70.47	-13.00	57.47	174	6	Vertical
110.5625	-62.32	-13.00	49.32	185	325	Vertical
592.3371	-61.64	-13.00	48.64	196	325	Vertical
5647.0882	-59.34	-13.00	46.34	321	38	Vertical
10597.7533	-47.98	-13.00	34.98	252	6	Vertical
17993.9998	-34.26	-13.00	21.26	285	133	Vertical
41.2526	-62.42	-13.00	49.42	174	293	Horizontal
105.5668	-73.50	-13.00	60.50	185	5	Horizontal
235.5048	-64.95	-13.00	51.95	196	101	Horizontal
3597.5199	-59.70	-13.00	46.70	231	5	Horizontal
7463.1488	-53.67	-13.00	40.67	261	68	Horizontal
16396.4465	-35.44	-13.00	22.44	258	5	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
52.1656	-70.50	-13.00	57.50	158	197	Vertical
109.2530	-62.61	-13.00	49.61	196	133	Vertical
597.6239	-60.33	-13.00	47.33	231	5	Vertical
5177.5726	-59.51	-13.00	46.51	251	356	Vertical

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7459.1486	-53.37	-13.00	40.37	154	324	Vertical
17997.9999	-34.00	-13.00	21.00	184	5	Vertical
37.7119	-62.93	-13.00	49.93	196	325	Horizontal
100.2800	-72.95	-13.00	59.95	185	261	Horizontal
236.3778	-65.36	-13.00	52.36	174	101	Horizontal
5081.0694	-58.94	-13.00	45.94	321	229	Horizontal
7475.6492	-53.26	-13.00	40.26	251	261	Horizontal
16409.9470	-35.35	-13.00	22.35	194	293	Horizontal

7.3. Test Band = WCDMA Band V

7.3.1. Test Mode =WCDMA/TM1

7.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
46.8303	-71.82	-13.00	58.82	174	6	Vertical
115.8978	-64.32	-13.00	51.32	185	133	Vertical
340.0760	-68.92	-13.00	55.92	196	6	Vertical
1789.7580	-59.96	-13.00	46.96	213	162	Vertical
2697.9396	-52.02	-13.00	39.02	261	66	Vertical
9858.1286	-51.49	-13.00	38.49	184	6	Vertical
43.2412	-64.42	-13.00	51.42	196	6	Horizontal
82.9646	-75.18	-13.00	62.18	185	6	Horizontal
242.4891	-67.74	-13.00	54.74	174	101	Horizontal
1595.3191	-61.29	-13.00	48.29	231	351	Horizontal
2702.3405	-50.69	-13.00	37.69	251	310	Horizontal
9328.6776	-51.81	-13.00	38.81	164	197	Horizontal

7.3.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
47.8004	-72.36	-13.00	59.36	158	102	Vertical

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115.5098	-64.13	-13.00	51.13	196	166	Vertical
396.2418	-67.80	-13.00	54.80	321	102	Vertical
1780.1560	-58.10	-13.00	45.10	252	292	Vertical
2690.7381	-51.83	-13.00	38.83	284	295	Vertical
9903.1634	-52.05	-13.00	39.05	184	6	Vertical
43.5807	-62.91	-13.00	49.91	159	133	Horizontal
86.9418	-75.50	-13.00	62.50	185	5	Horizontal
240.1610	-67.09	-13.00	54.09	178	293	Horizontal
1778.5557	-58.62	-13.00	45.62	231	252	Horizontal
2703.1406	-50.84	-13.00	37.84	251	69	Horizontal
9314.9105	-52.67	-13.00	39.67	248	325	Horizontal

7.3.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.4010	-73.01	-13.00	60.01	247	70	Vertical
109.0590	-63.06	-13.00	50.06	221	102	Vertical
380.4785	-67.88	-13.00	54.88	263	324	Vertical
1770.9542	-56.73	-13.00	43.73	281	12	Vertical
2849.1698	-51.78	-13.00	38.78	147	9	Vertical
9818.6940	-52.04	-13.00	39.04	289	324	Vertical
42.9016	-64.59	-13.00	51.59	188	6	Horizontal
102.3656	-75.43	-13.00	62.43	198	324	Horizontal
243.7502	-68.36	-13.00	55.36	241	165	Horizontal
1768.9538	-57.54	-13.00	44.54	257	325	Horizontal
2703.1406	-50.76	-13.00	37.76	195	12	Horizontal
9611.2537	-52.70	-13.00	39.70	199	134	Horizontal

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Test on the worst care:

7.3.1.4. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
31.0186	-75.12	-13.00	62.12	241	355	Vertical
110.0775	-63.17	-13.00	50.17	258	36	Vertical
678.7684	-63.54	-13.00	50.54	147	227	Vertical
5070.5690	-61.62	-13.00	48.62	254	67	Vertical
7364.1455	-55.69	-13.00	42.69	258	36	Vertical
17994.4998	-40.50	-13.00	27.50	263	67	Vertical
45.4238	-64.14	-13.00	51.14	174	356	Horizontal
98.7764	-76.28	-13.00	63.28	158	260	Horizontal
237.1054	-68.08	-13.00	55.08	147	356	Horizontal
3602.5201	-61.10	-13.00	48.10	152	4	Horizontal
7459.1486	-56.21	-13.00	43.21	165	35	Horizontal
16376.9459	-43.78	-13.00	30.78	184	293	Horizontal

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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-1.97	-0.001063	±2.5	PASS
Band2	9262	VN	NT	-2.72	-0.001468	±2.5	PASS
Band2	9262	VH	NT	-1.36	-0.000734	±2.5	PASS
Band2	9400	VL	NT	-2.09	-0.001112	±2.5	PASS
Band2	9400	VN	NT	-2.03	-0.001080	±2.5	PASS
Band2	9400	VH	NT	-2.20	-0.001170	±2.5	PASS
Band2	9538	VL	NT	-4.94	-0.002590	±2.5	PASS
Band2	9538	VN	NT	-4.99	-0.002616	±2.5	PASS
Band2	9538	VH	NT	-5.07	-0.002658	±2.5	PASS
Band4	1312	VL	NT	9.63	0.005624	±2.5	PASS
Band4	1312	VN	NT	9.14	0.005338	±2.5	PASS
Band4	1312	VH	NT	9.72	0.005676	±2.5	PASS
Band4	1413	VL	NT	-1.89	-0.001091	±2.5	PASS
Band4	1413	VN	NT	-1.72	-0.000993	±2.5	PASS
Band4	1413	VH	NT	-1.85	-0.001068	±2.5	PASS
Band4	1513	VL	NT	-10.18	-0.005809	±2.5	PASS
Band4	1513	VN	NT	-10.02	-0.005717	±2.5	PASS
Band4	1513	VH	NT	-10.24	-0.005843	±2.5	PASS
Band5	4132	VL	NT	-0.27	-0.000327	±2.5	PASS
Band5	4132	VN	NT	-0.65	-0.000787	±2.5	PASS
Band5	4132	VH	NT	-0.12	-0.000145	±2.5	PASS
Band5	4182	VL	NT	-0.09	-0.000108	±2.5	PASS
Band5	4182	VN	NT	-0.34	-0.000407	±2.5	PASS
Band5	4182	VH	NT	-0.13	-0.000155	±2.5	PASS
Band5	4233	VL	NT	-2.61	-0.003083	±2.5	PASS
Band5	4233	VN	NT	-3.43	-0.004052	±2.5	PASS
Band5	4233	VH	NT	-1.65	-0.001949	±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	-0.93	-0.000502	±2.5	PASS
Band2	9262	NV	-20	-1.18	-0.000637	±2.5	PASS
Band2	9262	NV	-10	-0.62	-0.000335	±2.5	PASS
Band2	9262	NV	0	-0.32	-0.000173	±2.5	PASS
Band2	9262	NV	10	-0.44	-0.000238	±2.5	PASS
Band2	9262	NV	20	-0.14	-0.000076	±2.5	PASS
Band2	9262	NV	30	-0.06	-0.000032	±2.5	PASS
Band2	9262	NV	40	-0.11	-0.000059	±2.5	PASS
Band2	9262	NV	50	0.03	0.000016	±2.5	PASS
Band2	9400	NV	-30	-2.11	-0.001122	±2.5	PASS
Band2	9400	NV	-20	-2.15	-0.001144	±2.5	PASS
Band2	9400	NV	-10	-2.23	-0.001186	±2.5	PASS
Band2	9400	NV	0	-2.32	-0.001234	±2.5	PASS
Band2	9400	NV	10	-2.46	-0.001309	±2.5	PASS
Band2	9400	NV	20	-2.27	-0.001207	±2.5	PASS
Band2	9400	NV	30	-2.27	-0.001207	±2.5	PASS
Band2	9400	NV	40	-2.40	-0.001277	±2.5	PASS
Band2	9400	NV	50	-2.29	-0.001218	±2.5	PASS
Band2	9538	NV	-30	-4.94	-0.002590	±2.5	PASS
Band2	9538	NV	-20	-4.66	-0.002443	±2.5	PASS
Band2	9538	NV	-10	-4.94	-0.002590	±2.5	PASS
Band2	9538	NV	0	-4.88	-0.002558	±2.5	PASS
Band2	9538	NV	10	-4.89	-0.002563	±2.5	PASS
Band2	9538	NV	20	-4.77	-0.002501	±2.5	PASS
Band2	9538	NV	30	-5.06	-0.002653	±2.5	PASS
Band2	9538	NV	40	-4.81	-0.002521	±2.5	PASS
Band2	9538	NV	50	-4.82	-0.002527	±2.5	PASS
Band4	1312	NV	-30	9.98	0.005828	±2.5	PASS
Band4	1312	NV	-20	10.13	0.005916	±2.5	PASS
Band4	1312	NV	-10	10.24	0.005980	±2.5	PASS
Band4	1312	NV	0	10.16	0.005933	±2.5	PASS
Band4	1312	NV	10	10.22	0.005968	±2.5	PASS
Band4	1312	NV	20	10.48	0.006120	±2.5	PASS

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Band4	1312	NV	30	10.65	0.006219	±2.5	PASS
Band4	1312	NV	40	10.59	0.006184	±2.5	PASS
Band4	1312	NV	50	10.80	0.006307	±2.5	PASS
Band4	1413	NV	-30	-1.87	-0.001079	±2.5	PASS
Band4	1413	NV	-20	-1.92	-0.001108	±2.5	PASS
Band4	1413	NV	-10	-2.28	-0.001316	±2.5	PASS
Band4	1413	NV	0	-2.15	-0.001241	±2.5	PASS
Band4	1413	NV	10	-2.07	-0.001195	±2.5	PASS
Band4	1413	NV	20	-2.07	-0.001195	±2.5	PASS
Band4	1413	NV	30	-2.15	-0.001241	±2.5	PASS
Band4	1413	NV	40	-2.20	-0.001270	±2.5	PASS
Band4	1413	NV	50	-2.07	-0.001195	±2.5	PASS
Band4	1513	NV	-30	-10.22	-0.005831	±2.5	PASS
Band4	1513	NV	-20	-10.09	-0.005757	±2.5	PASS
Band4	1513	NV	-10	-9.91	-0.005654	±2.5	PASS
Band4	1513	NV	0	-10.01	-0.005712	±2.5	PASS
Band4	1513	NV	10	-9.93	-0.005666	±2.5	PASS
Band4	1513	NV	20	-9.93	-0.005666	±2.5	PASS
Band4	1513	NV	30	-10.06	-0.005740	±2.5	PASS
Band4	1513	NV	40	-10.03	-0.005723	±2.5	PASS
Band4	1513	NV	50	-9.97	-0.005689	±2.5	PASS
Band5	4132	NV	-30	-0.21	-0.000254	±2.5	PASS
Band5	4132	NV	-20	-0.09	-0.000109	±2.5	PASS
Band5	4132	NV	-10	-0.08	-0.000097	±2.5	PASS
Band5	4132	NV	0	-0.01	-0.000012	±2.5	PASS
Band5	4132	NV	10	0.08	0.000097	±2.5	PASS
Band5	4132	NV	20	-0.04	-0.000048	±2.5	PASS
Band5	4132	NV	30	-0.04	-0.000048	±2.5	PASS
Band5	4132	NV	40	-0.02	-0.000024	±2.5	PASS
Band5	4132	NV	50	0.08	0.000097	±2.5	PASS
Band5	4182	NV	-30	-0.06	-0.000072	±2.5	PASS
Band5	4182	NV	-20	-0.29	-0.000347	±2.5	PASS
Band5	4182	NV	-10	-0.23	-0.000275	±2.5	PASS
Band5	4182	NV	0	-0.19	-0.000227	±2.5	PASS
Band5	4182	NV	10	-0.15	-0.000179	±2.5	PASS
Band5	4182	NV	20	-0.07	-0.000084	±2.5	PASS
Band5	4182	NV	30	-0.11	-0.000132	±2.5	PASS

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Band5	4182	NV	40	-0.12	-0.000143	±2.5	PASS
Band5	4182	NV	50	-0.16	-0.000191	±2.5	PASS
Band5	4233	NV	-30	-0.64	-0.000756	±2.5	PASS
Band5	4233	NV	-20	-1.32	-0.001559	±2.5	PASS
Band5	4233	NV	-10	-1.71	-0.002020	±2.5	PASS
Band5	4233	NV	0	-1.76	-0.002079	±2.5	PASS
Band5	4233	NV	10	-0.63	-0.000744	±2.5	PASS
Band5	4233	NV	20	-1.75	-0.002067	±2.5	PASS
Band5	4233	NV	30	-1.54	-0.001819	±2.5	PASS
Band5	4233	NV	40	-1.72	-0.002032	±2.5	PASS
Band5	4233	NV	50	-1.66	-0.001961	±2.5	PASS

The End

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