

Appendix B

WCDMA Band II & IV & V



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8.2. FREQUENCY VS TEMPERATURE52



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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	24.49	27.79	33.00	PASS
Band II	9400	24.46	27.76	33.00	PASS
Band II	9538	24.35	27.65	33.00	PASS
Band IV	1312	24.38	28.39	30.00	PASS
Band IV	1413	24.45	28.46	30.00	PASS
Band IV	1513	24.48	28.49	30.00	PASS

Band	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.62	24.68	38.45	PASS
Band V	4182	23.67	24.73	38.45	PASS
Band V	4233	23.68	24.74	38.45	PASS

Remark:

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

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

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



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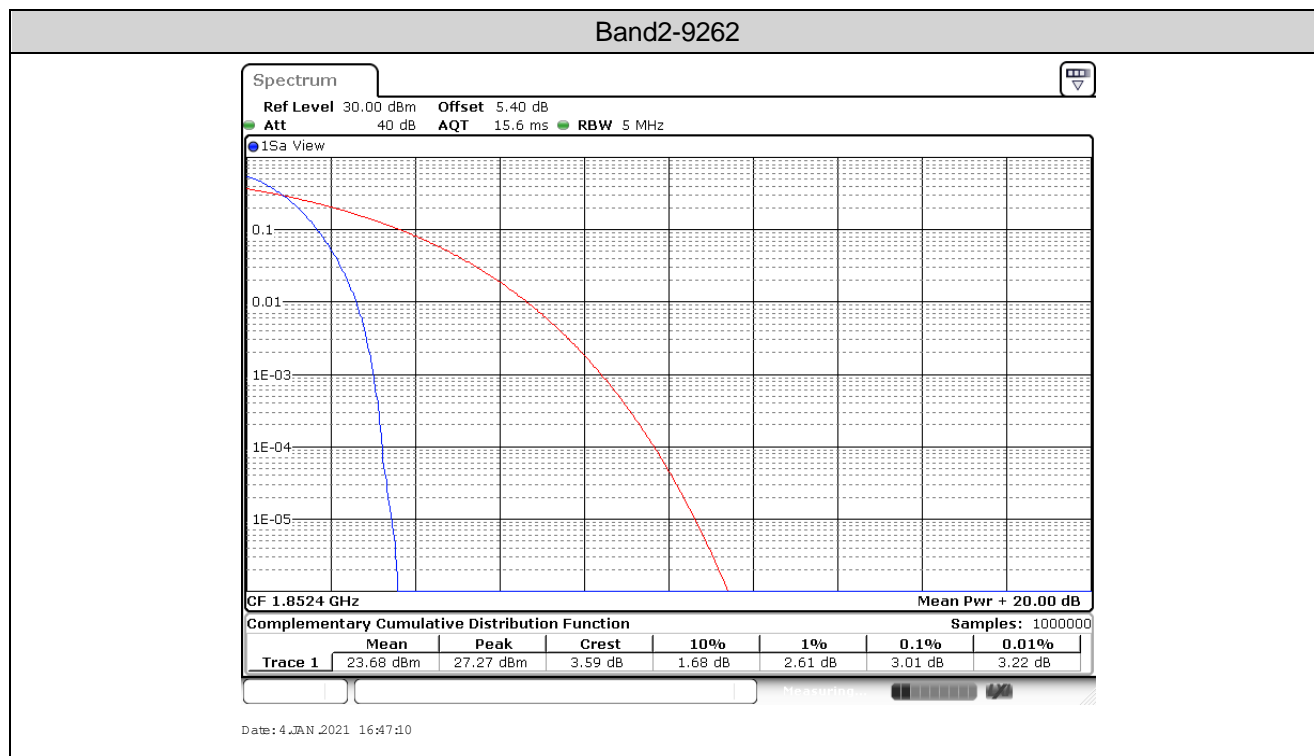


2. Peak-to-Average Ratio(CCDF)

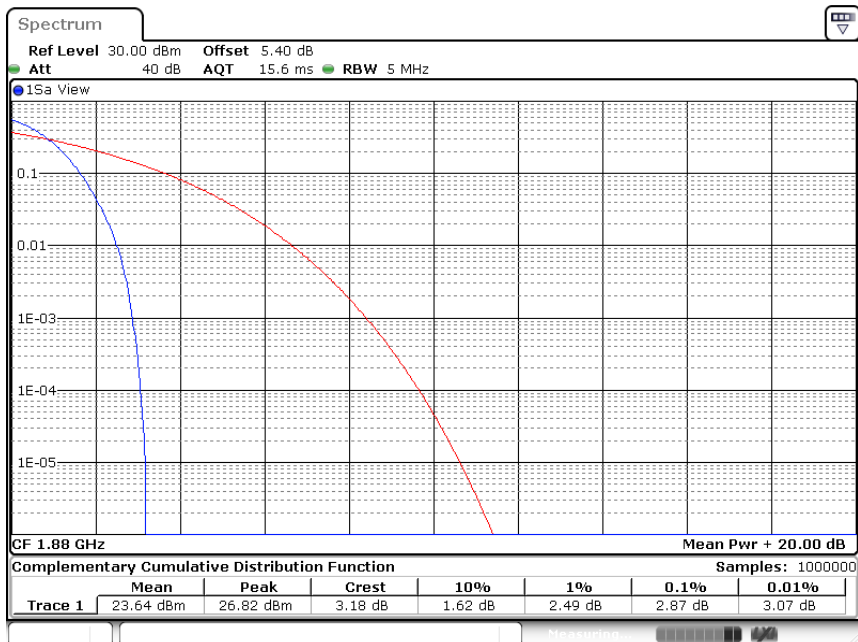
2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.01	13	PASS
Band2	9400	2.87	13	PASS
Band2	9538	2.99	13	PASS
Band4	1312	3.19	13	PASS
Band4	1413	3.16	13	PASS
Band4	1513	3.16	13	PASS
Band5	4132	3.1	13	PASS
Band5	4182	3.19	13	PASS
Band5	4233	3.16	13	PASS

2.2. Test Plots

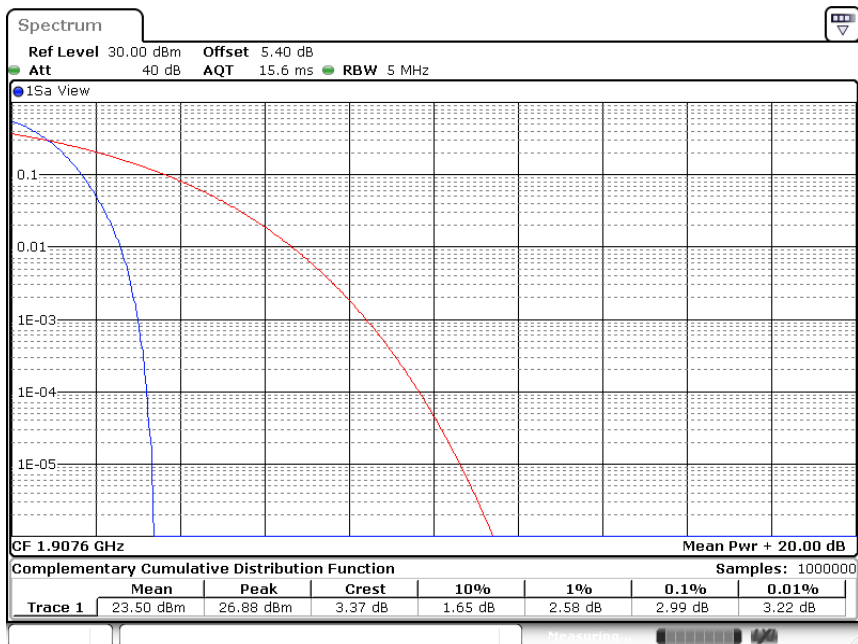


Band2-9400



Date: 4 JAN 2021 16:47:25

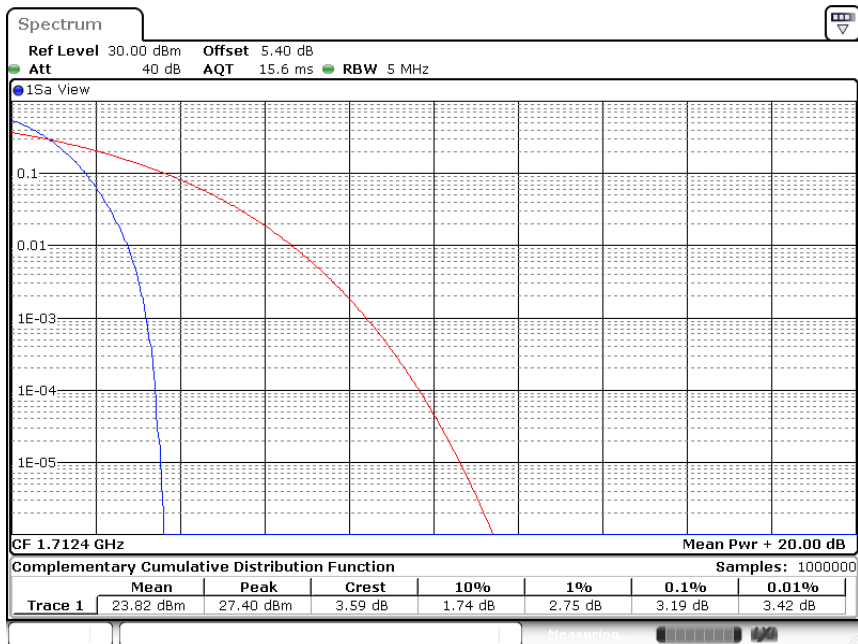
Band2-9538



Date: 4 JAN 2021 16:47:40

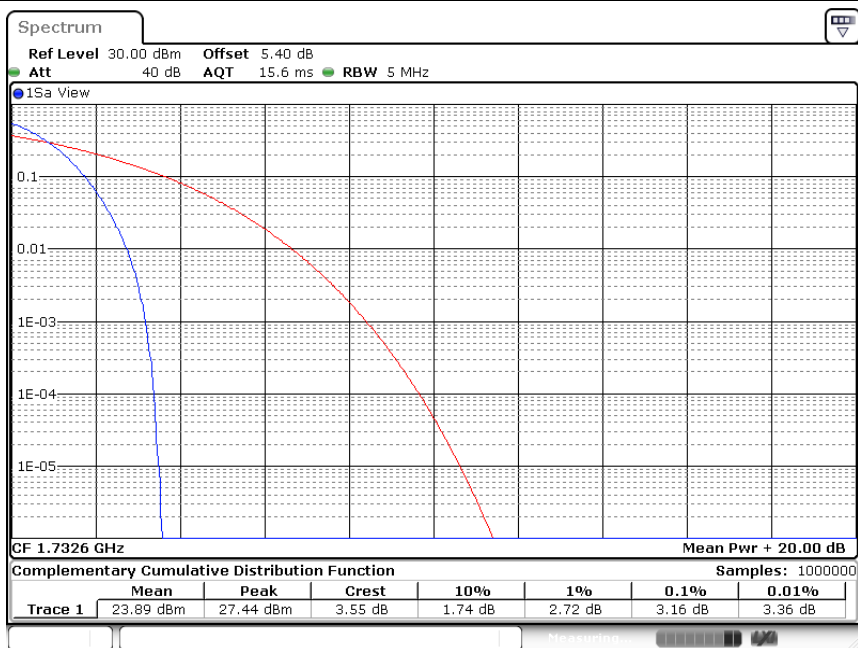


Band4-1312



Date: 4 JAN 2021 17:15:45

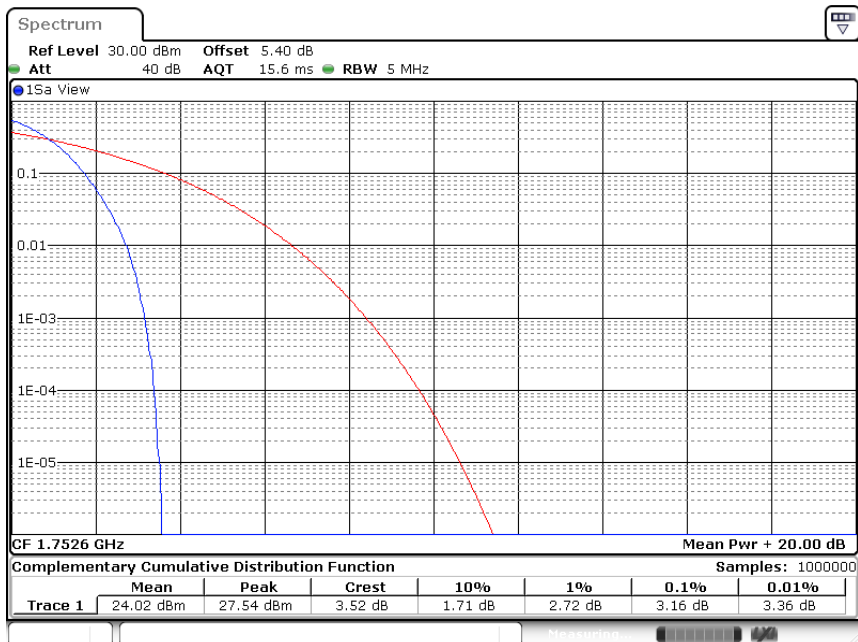
Band4-1413



Date: 4 JAN 2021 17:16:00

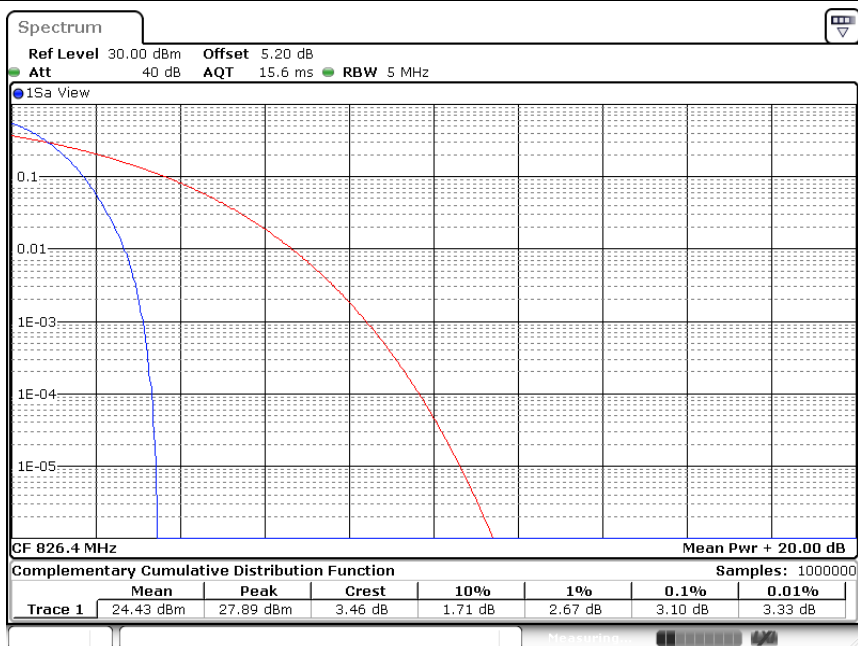


Band4-1513



Date: 4 JAN 2021 17:16:14

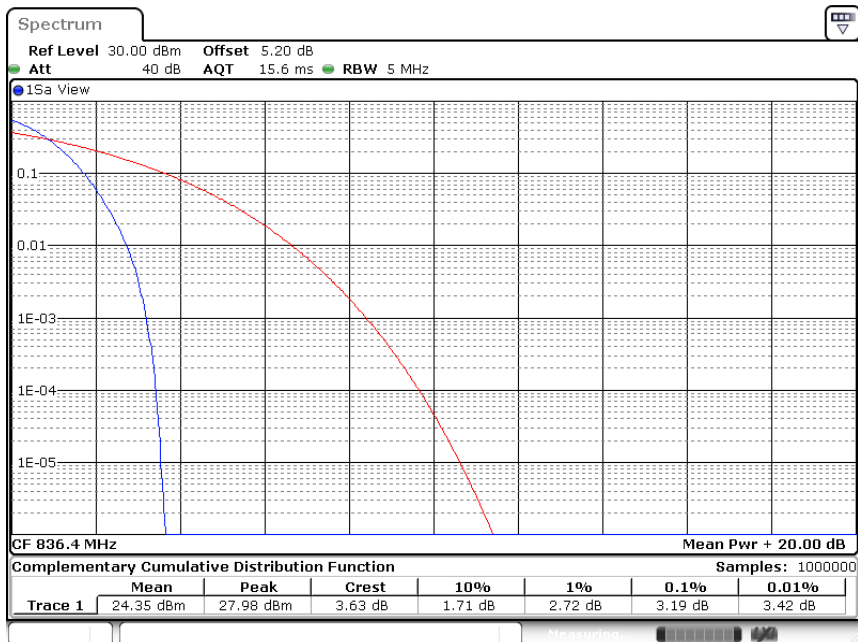
Band5-4132



Date: 4 JAN 2021 17:39:16

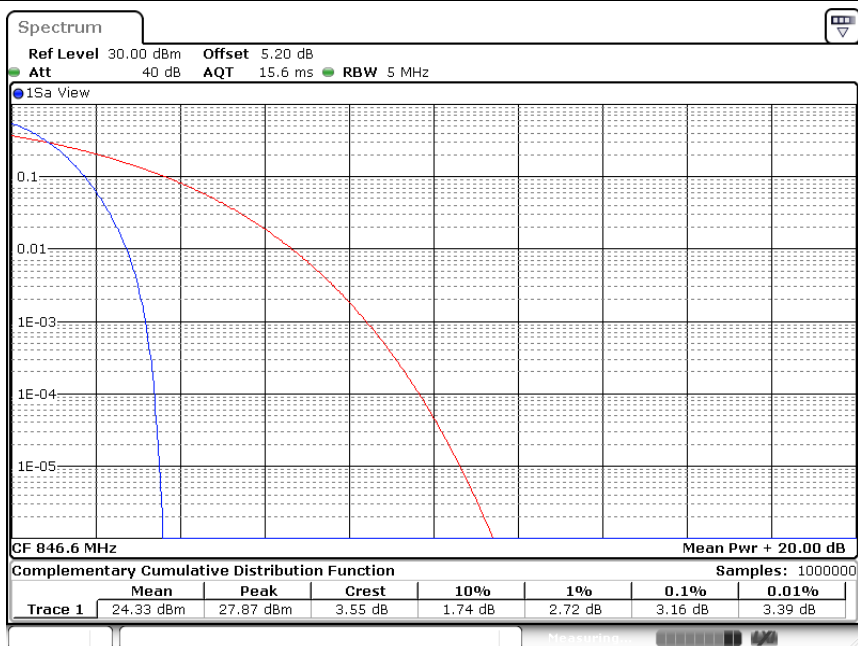


Band5-4182



Date: 4 JAN 2021 17:39:30

Band5-4233



Date: 4 JAN 2021 17:39:45

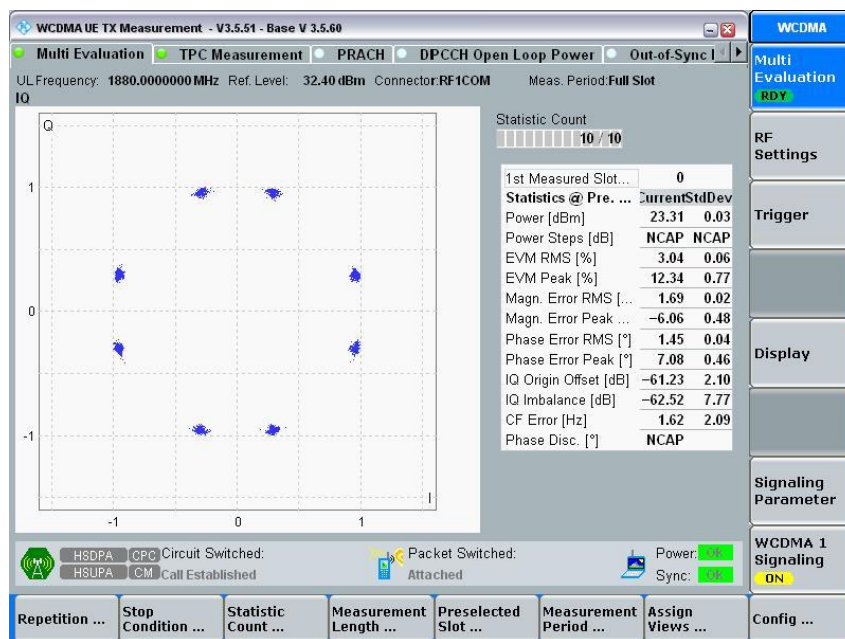


3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1. Test Mode = UMTS/TM1

3.1.1.1. Test Channel = MCH

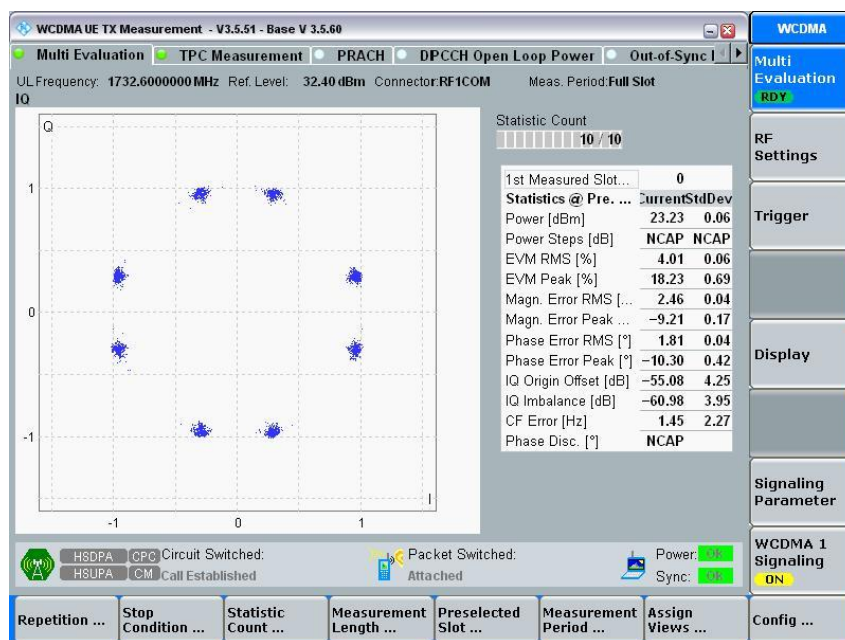


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3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH

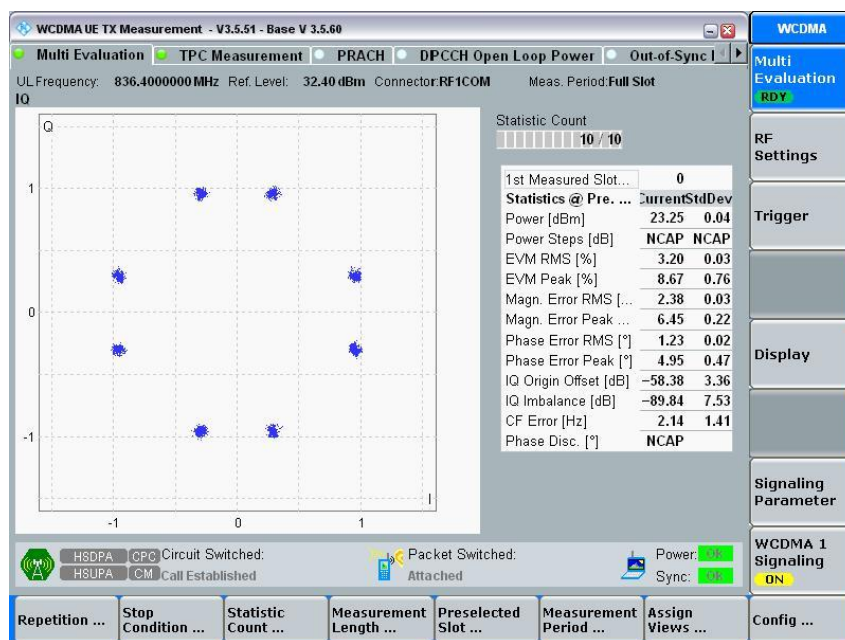


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3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH



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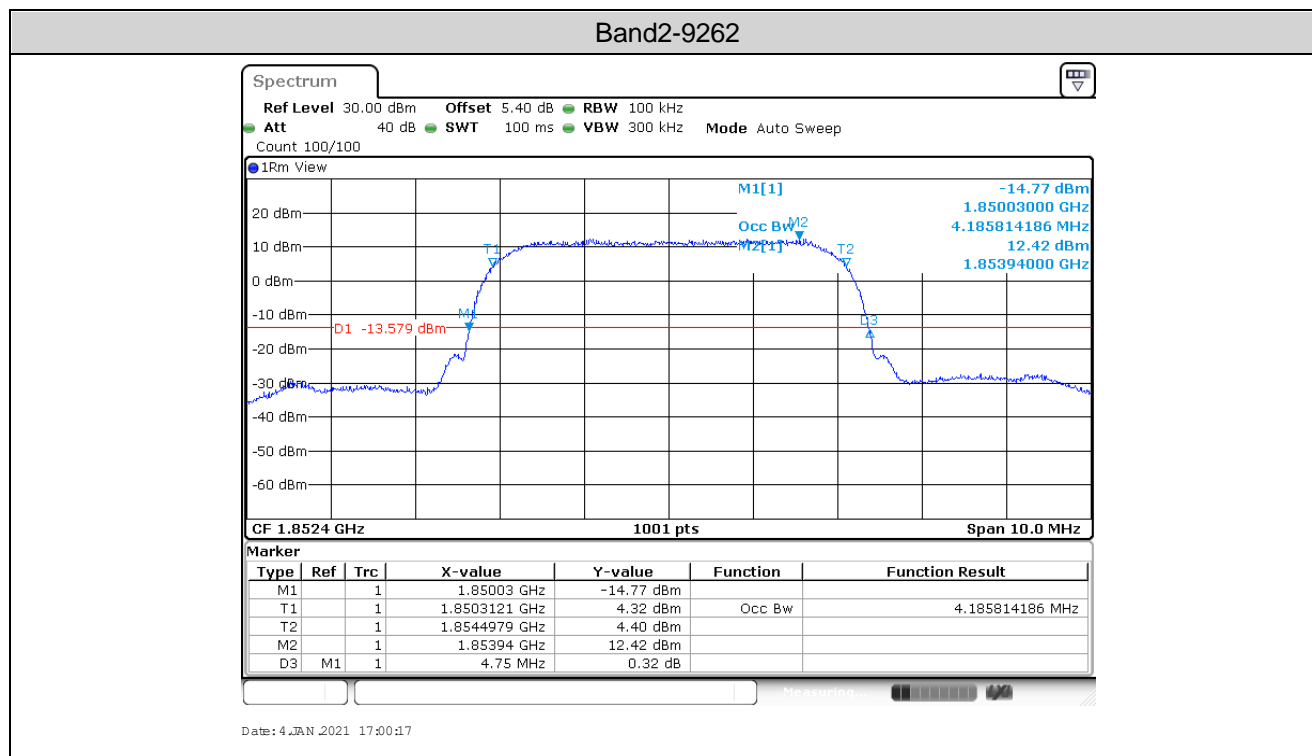


4. 26dB Bandwidth and Occupied Bandwidth

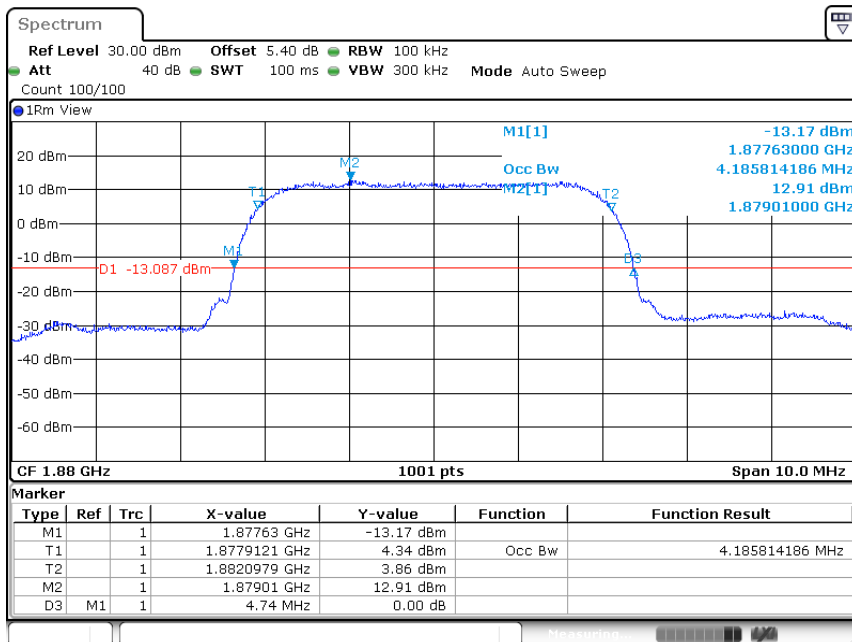
4.1. Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.186	4.750	---	PASS
Band2	9400	4.186	4.740	---	PASS
Band2	9538	4.186	4.730	---	PASS
Band4	1312	4.186	4.730	---	PASS
Band4	1413	4.186	4.730	---	PASS
Band4	1513	4.186	4.730	---	PASS
Band5	4132	4.186	4.740	---	PASS
Band5	4182	4.186	4.730	---	PASS
Band5	4233	4.186	4.730	---	PASS

4.2. Test Plots

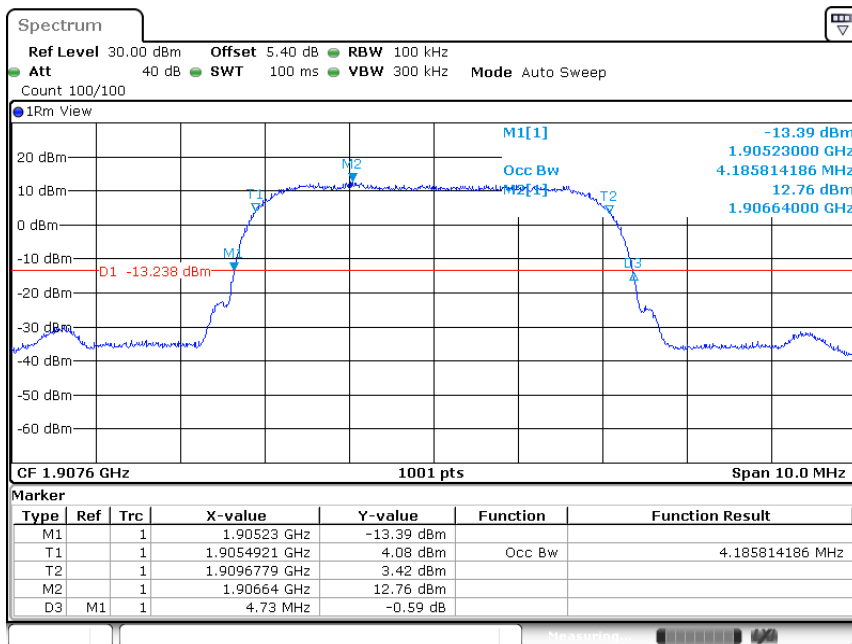


Band2-9400



Date: 4 JAN 2021 17:00:40

Band2-9538



Date: 4 JAN 2021 17:01:03



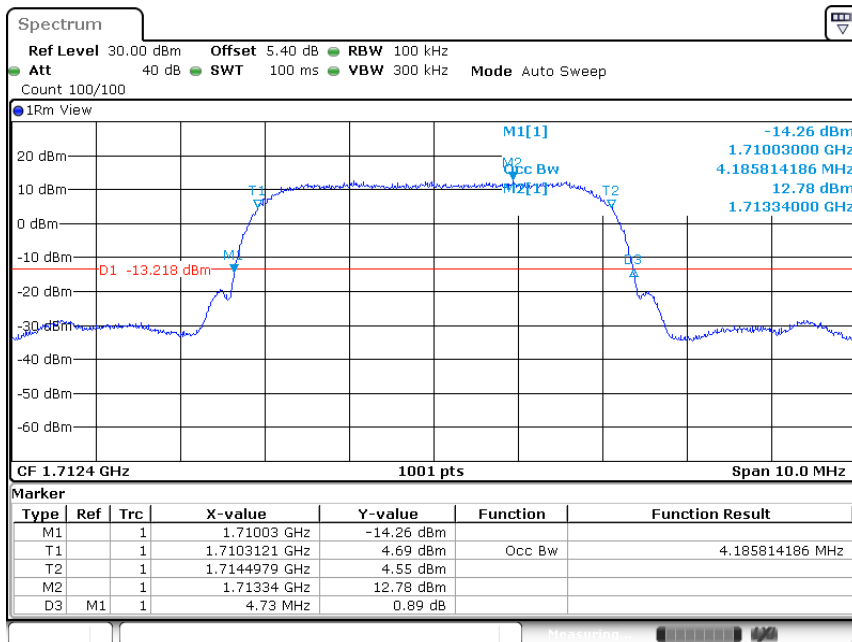
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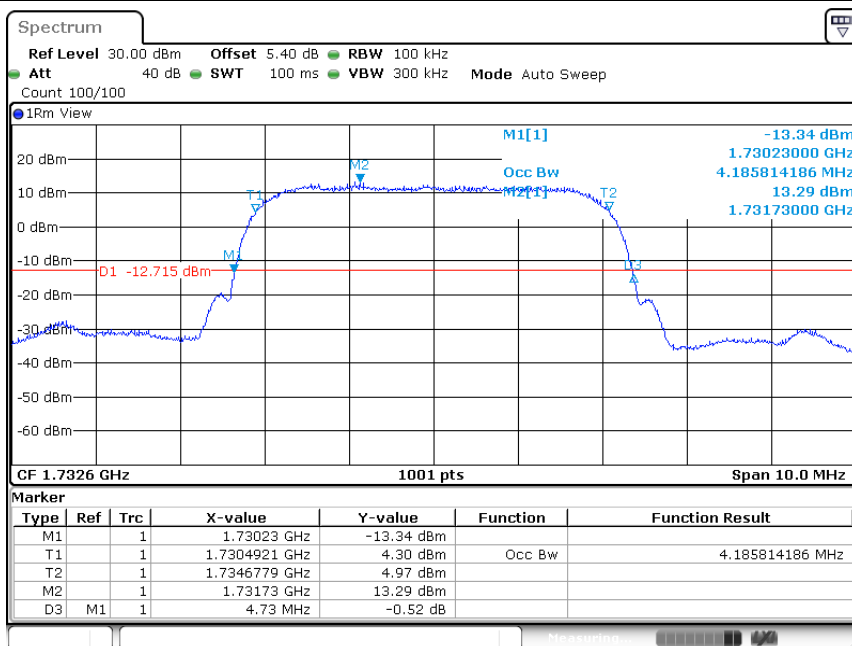
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Band4-1312



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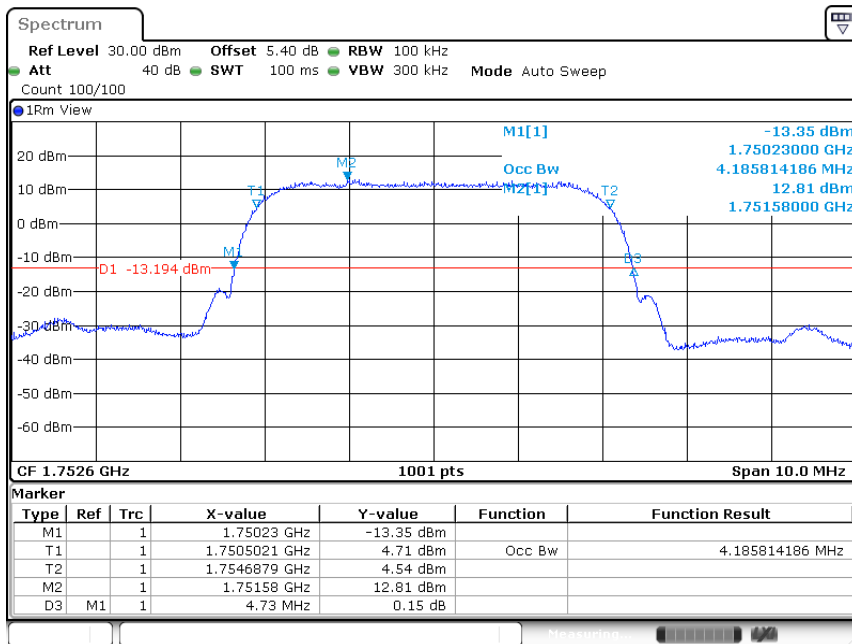
Band4-1413



Date: 4 JAN 2021 17:29:18

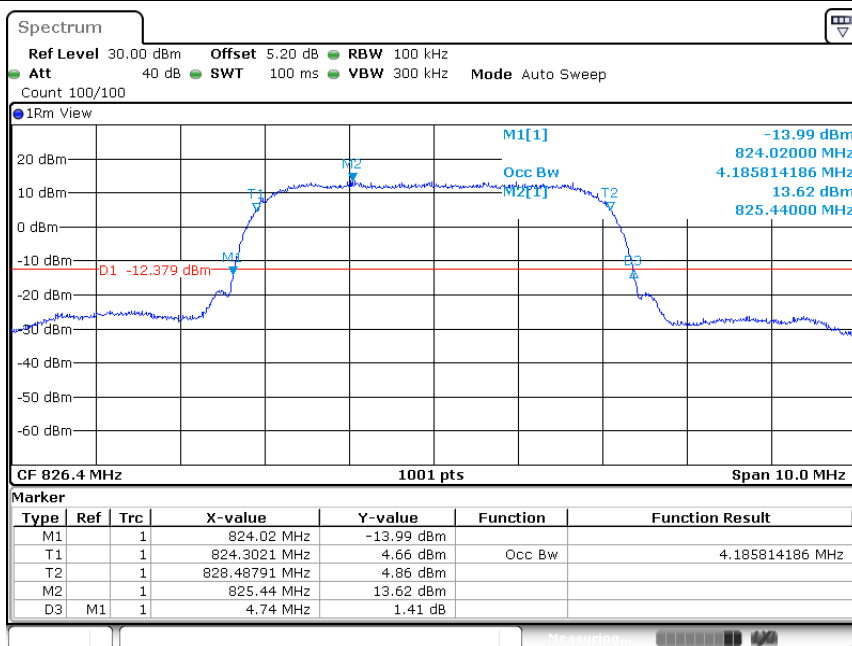


Band4-1513



Date: 4 JAN 2021 17:29:42

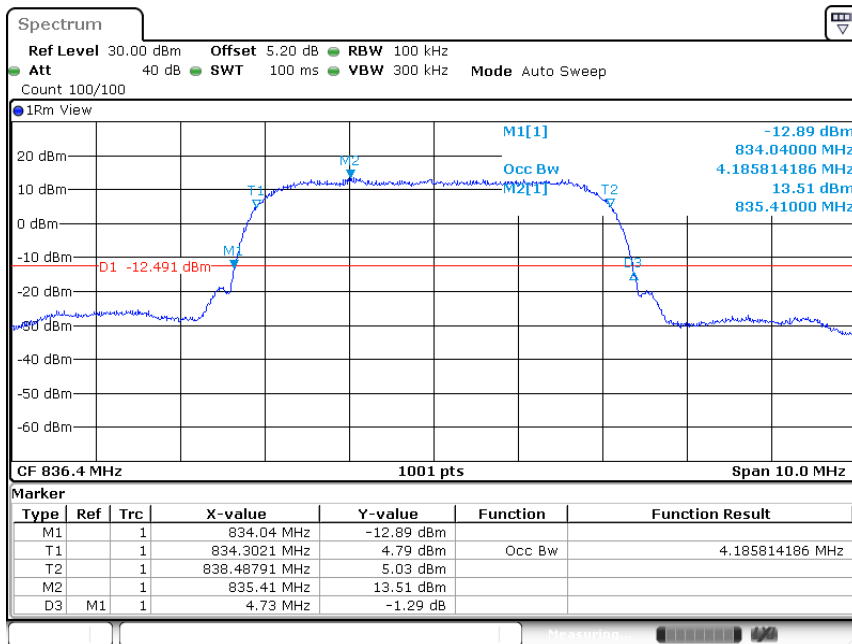
Band5-4132



Date: 4 JAN 2021 17:52:37

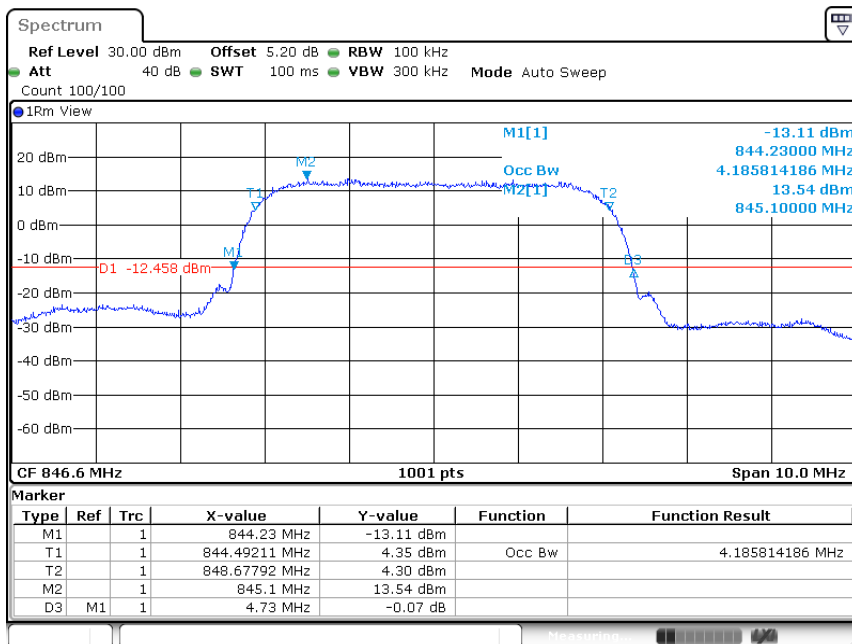


Band5-4182



Date: 4 JAN 2021 17:53:01

Band5-4233



Date: 4 JAN 2021 17:53:24



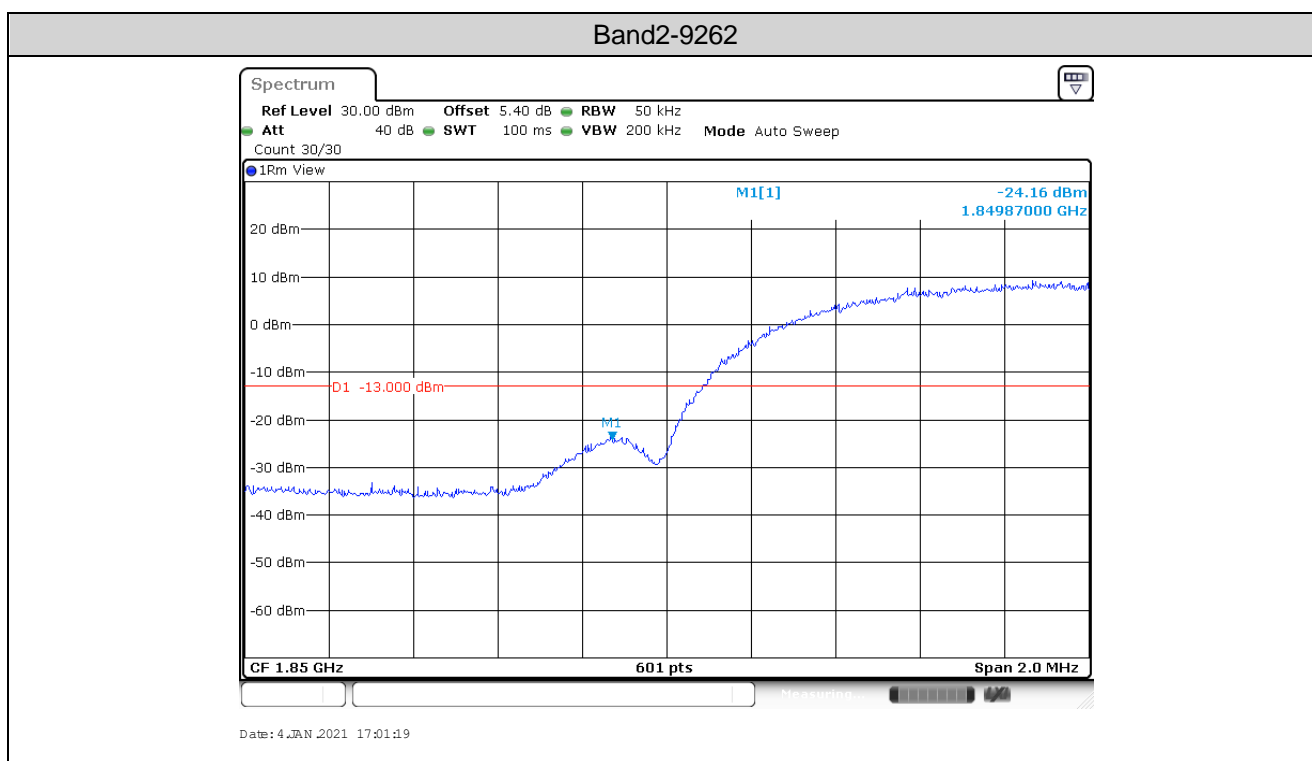


5. Band Edge Compliance

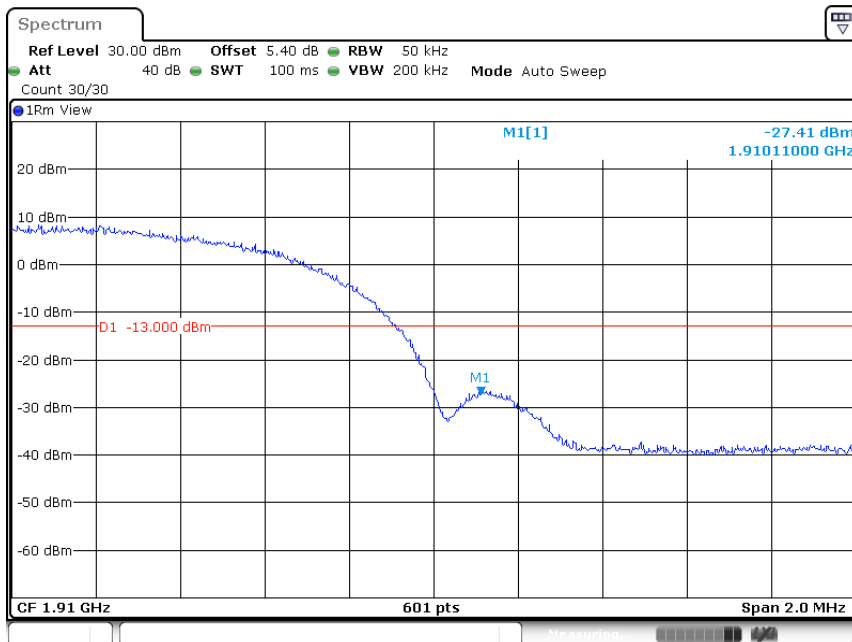
5.1. Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.87	-23.81	-13	PASS
Band2	9538	1910.11	-26.13	-13	PASS
Band4	1312	1709.86	-22.18	-13	PASS
Band4	1513	1755.12	-23.33	-13	PASS
Band5	4132	823.87	-20.30	-13	PASS
Band5	4233	849.11	-21.71	-13	PASS

5.2. Test Plots

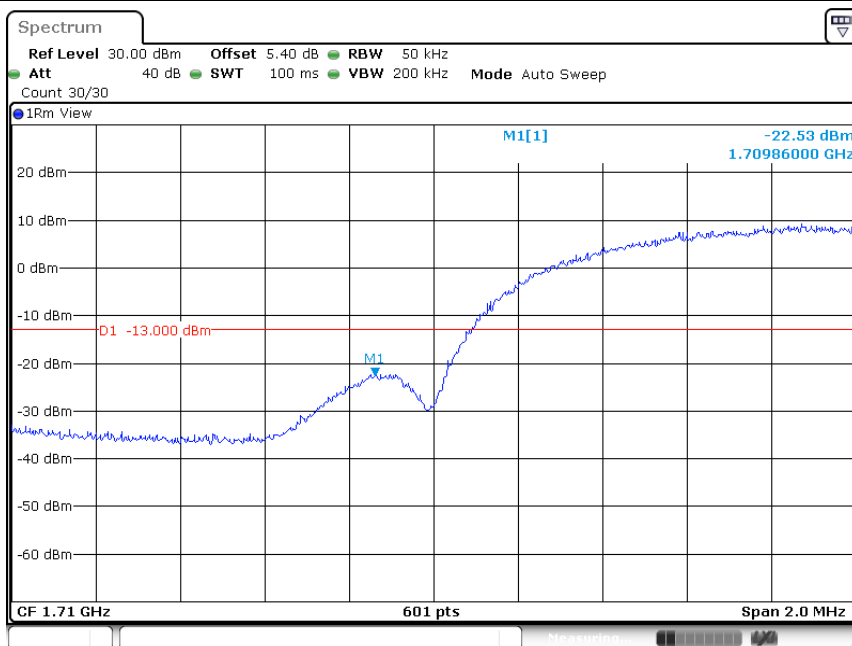


Band2-9538



Date: 4 JAN 2021 17:01:34

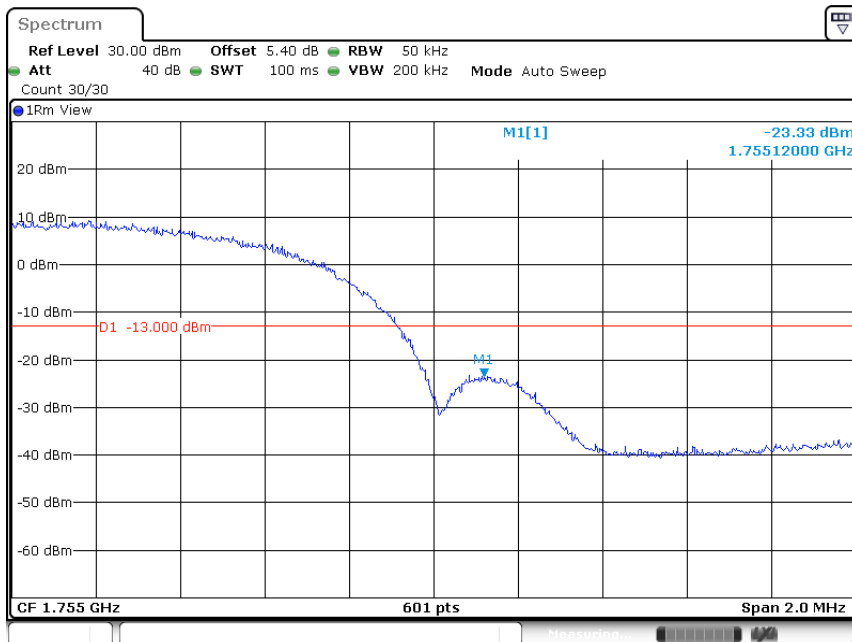
Band4-1312



Date: 4 JAN 2021 17:29:57

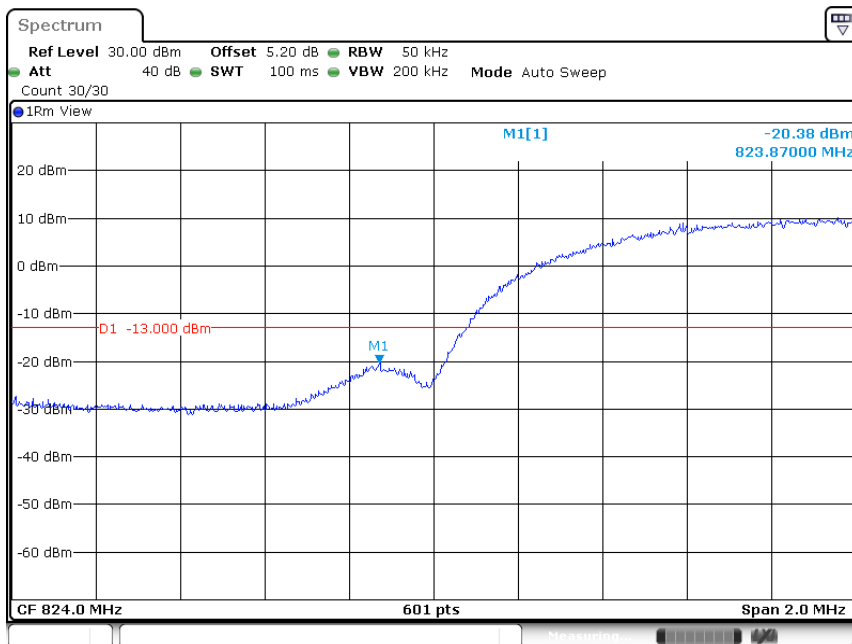


Band4-1513



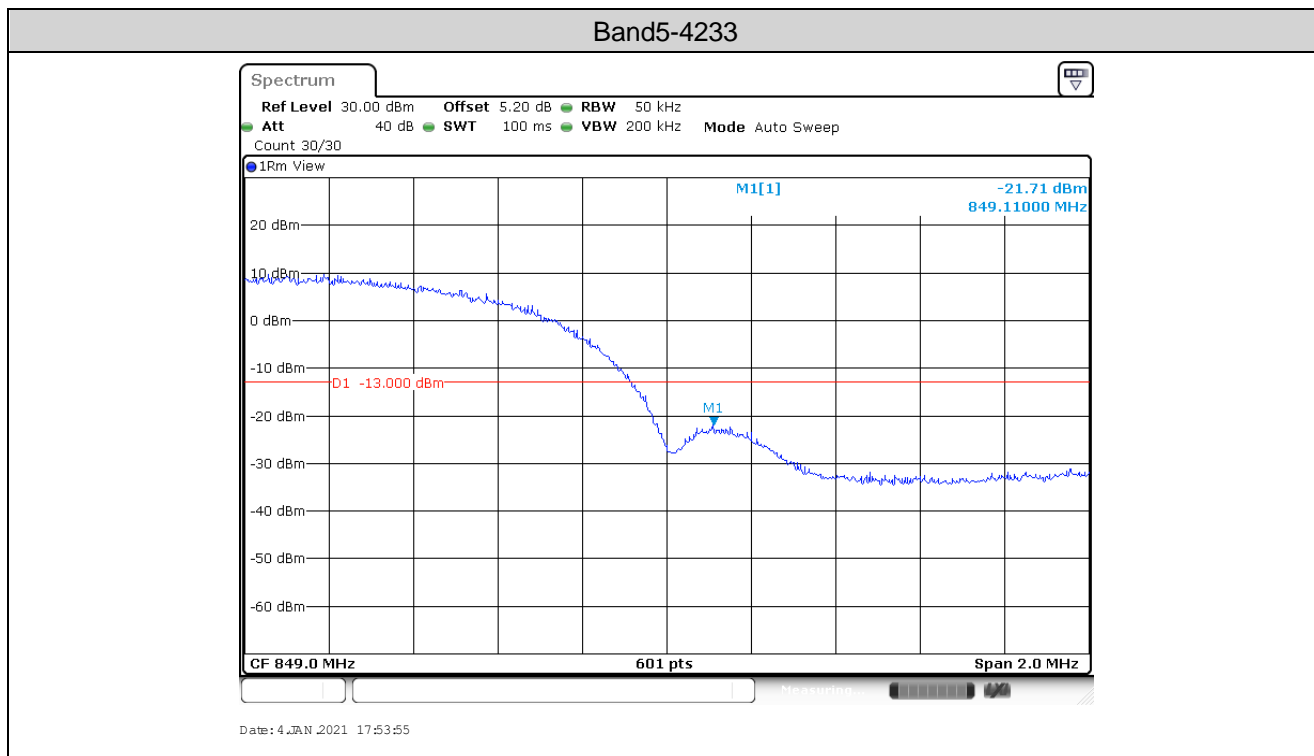
Date: 4 JAN 2021 17:30:12

Band5-4132



Date: 4 JAN 2021 17:53:40





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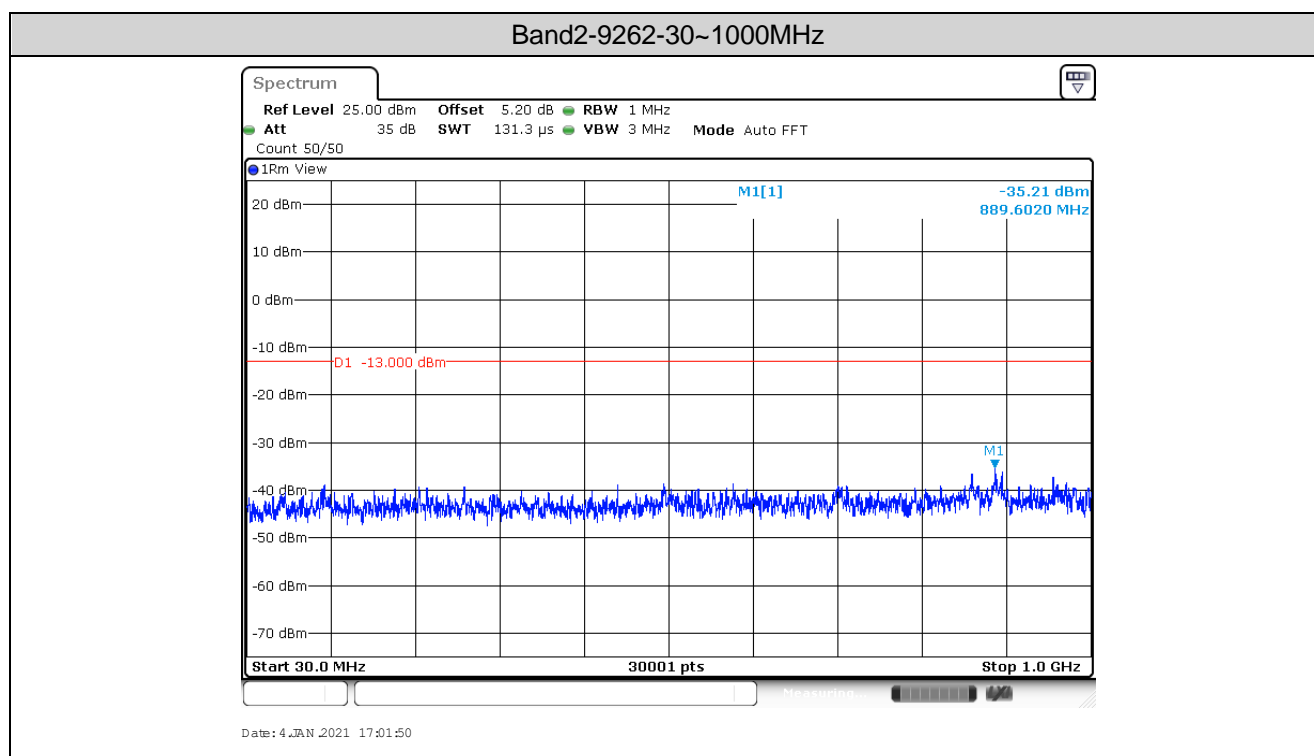


6. Spurious Emission at Antenna Terminal

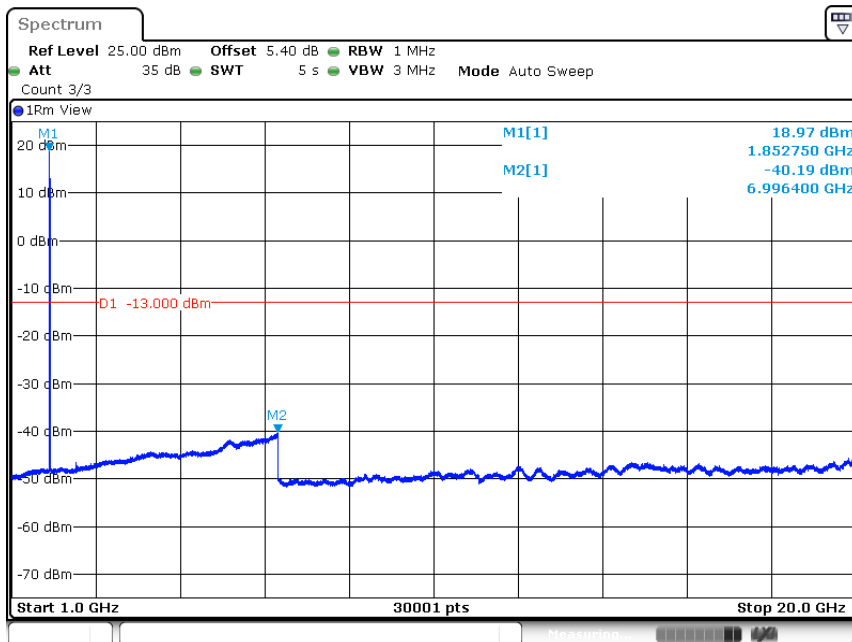
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

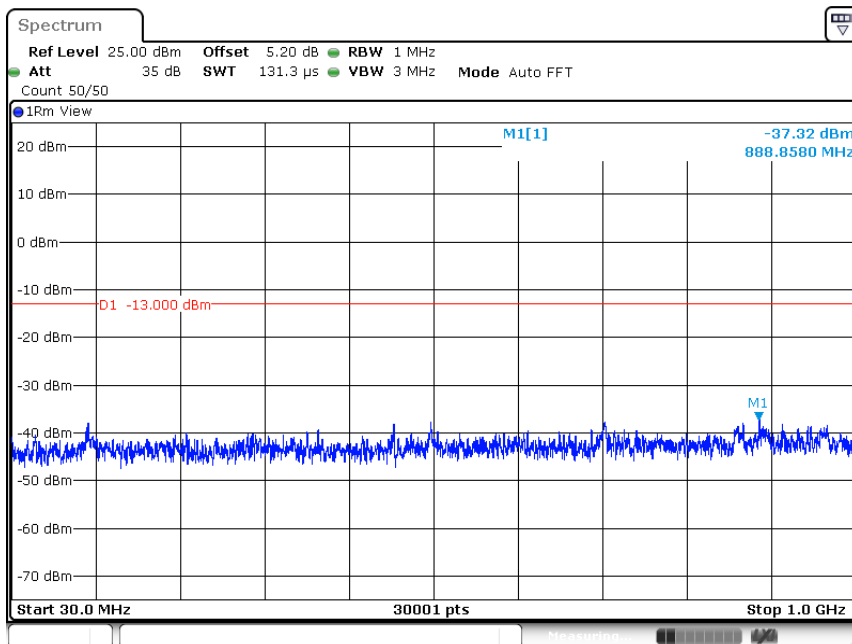


Band2-9262-1000~20000MHz



Date: 4 JAN 2021 17:02:15

Band2-9400-30~1000MHz



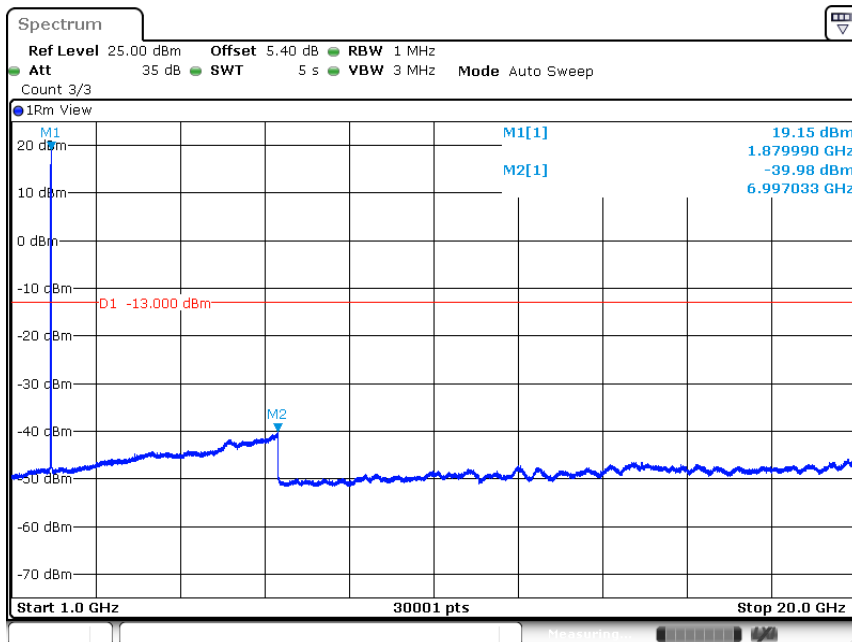
Date: 4 JAN 2021 17:02:30



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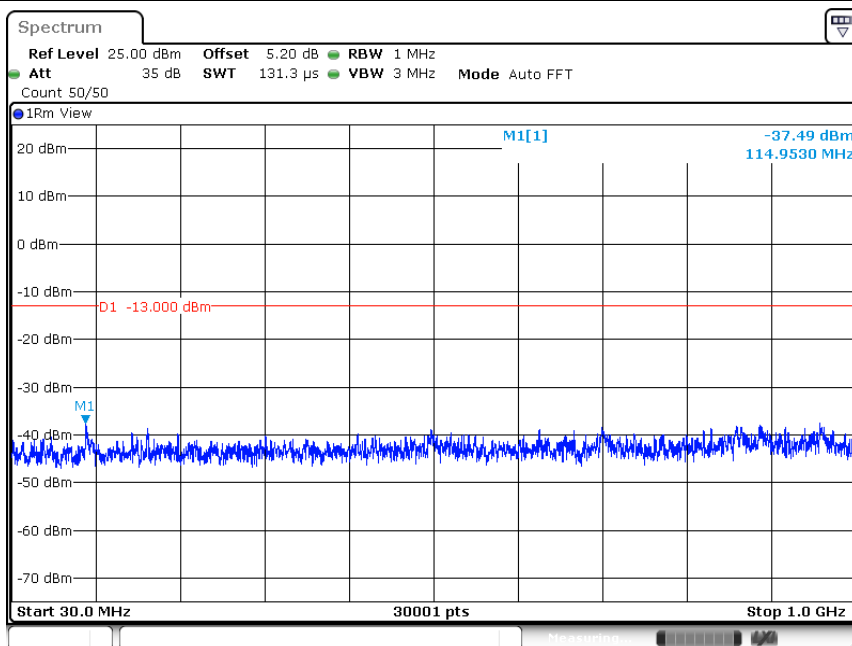
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Band2-9400-1000~20000MHz



Date: 4 JAN 2021 17:02:55

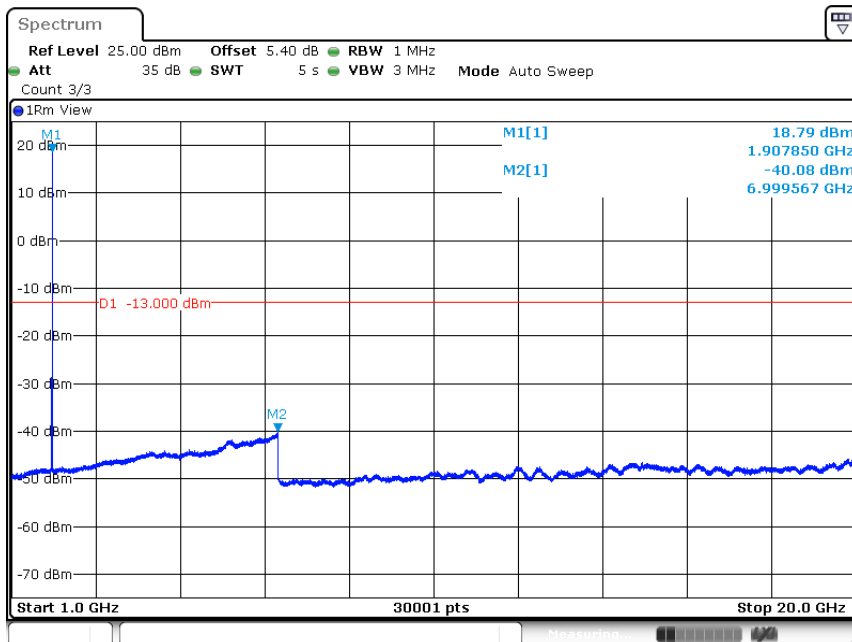
Band2-9538-30~1000MHz



Date: 4 JAN 2021 17:03:10

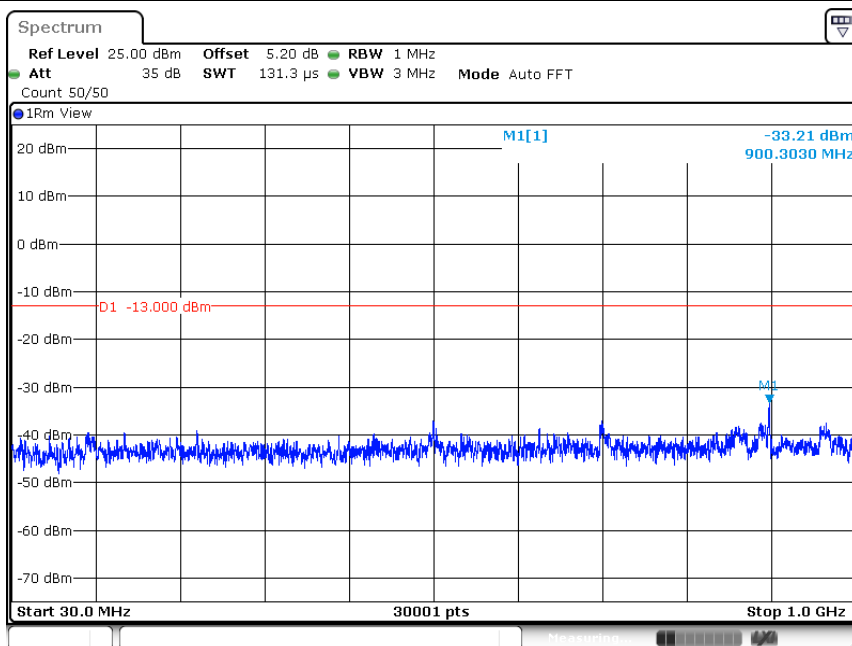


Band2-9538-1000~20000MHz



Date: 4 JAN 2021 17:03:36

Band4-1312-30~1000MHz



Date: 4 JAN 2021 17:30:27

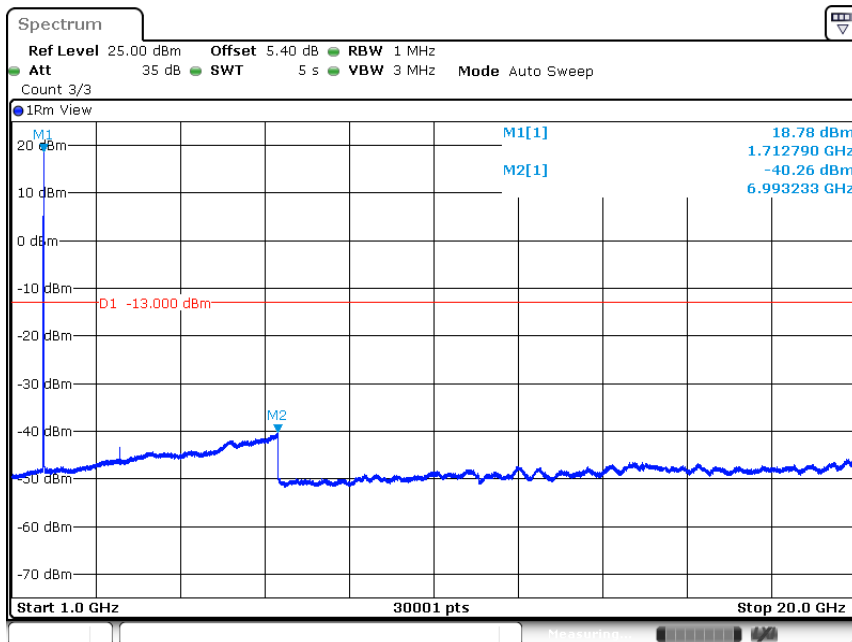


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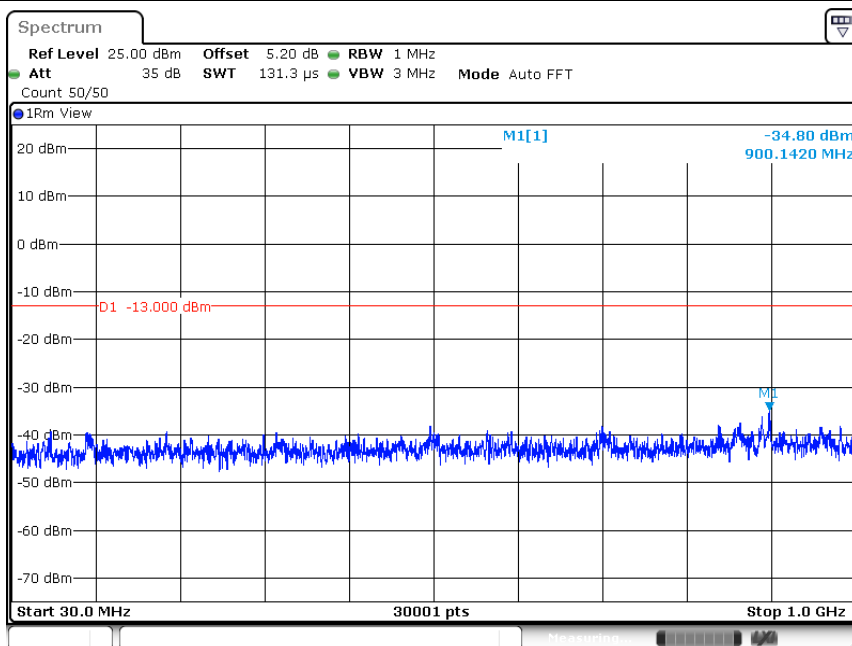
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Band4-1312-1000~20000MHz



Date: 4 JAN 2021 17:30:54

Band4-1413-30~1000MHz



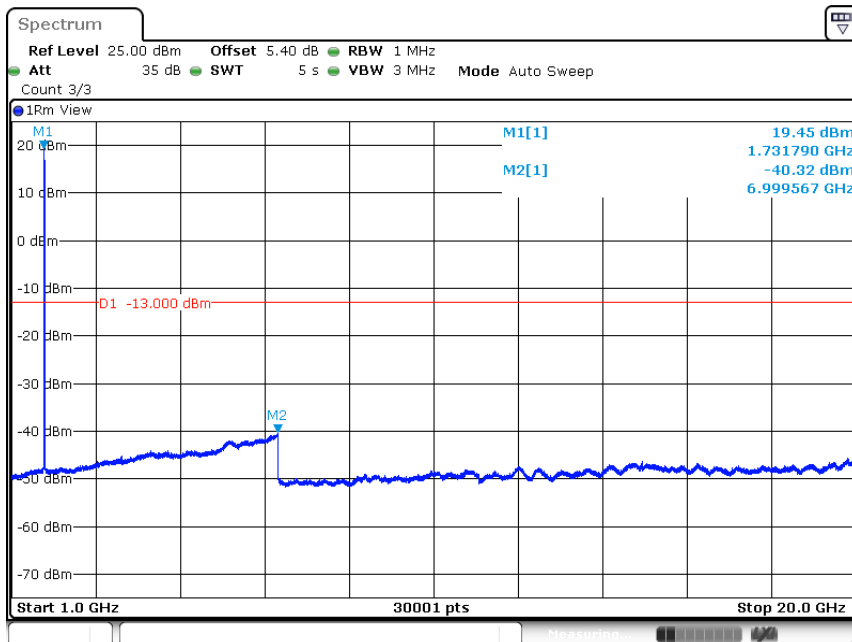
Date: 4 JAN 2021 17:31:08



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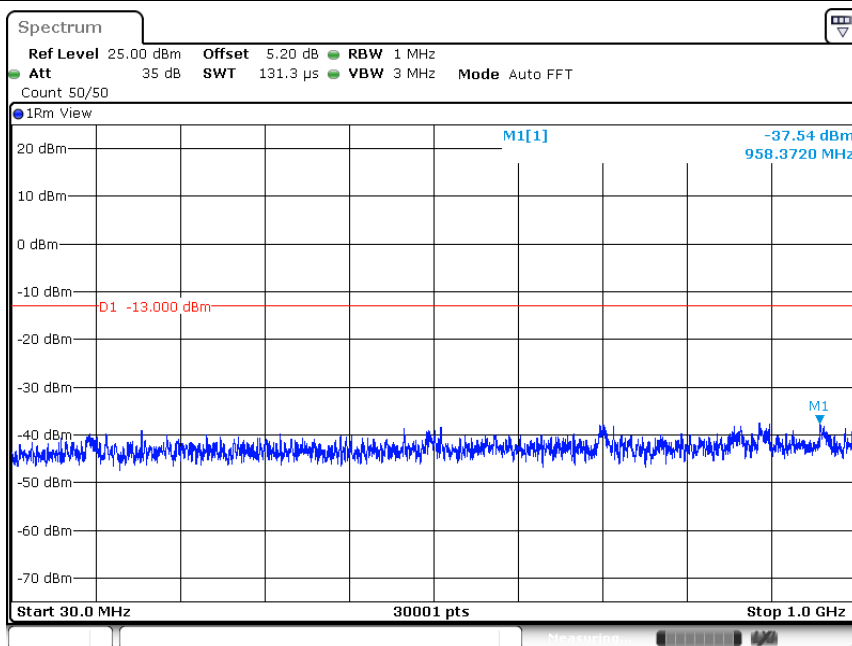
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Band4-1413-1000~20000MHz



Date: 4 JAN 2021 17:31:34

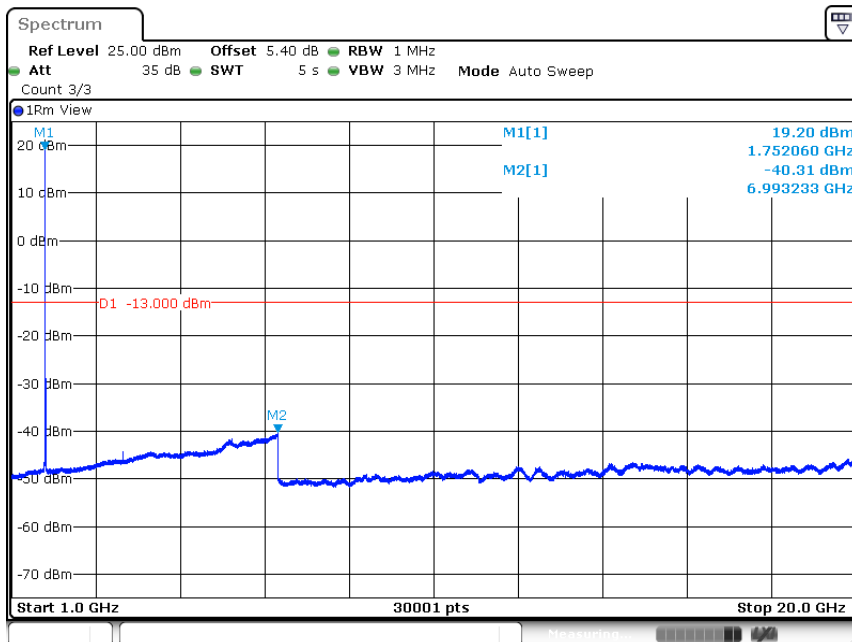
Band4-1513-30~1000MHz



Date: 4 JAN 2021 17:31:48

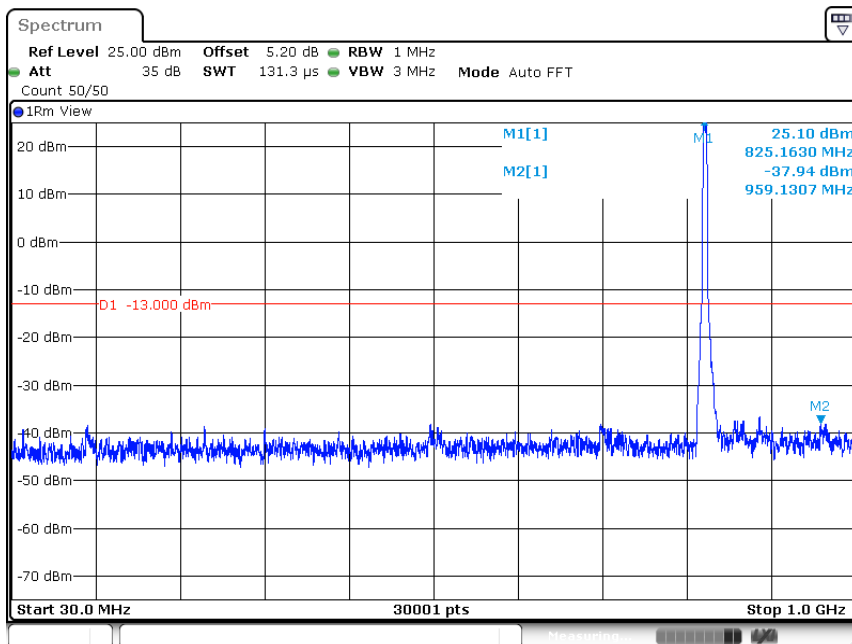


Band4-1513-1000~20000MHz



Date: 4 JAN 2021 17:32:14

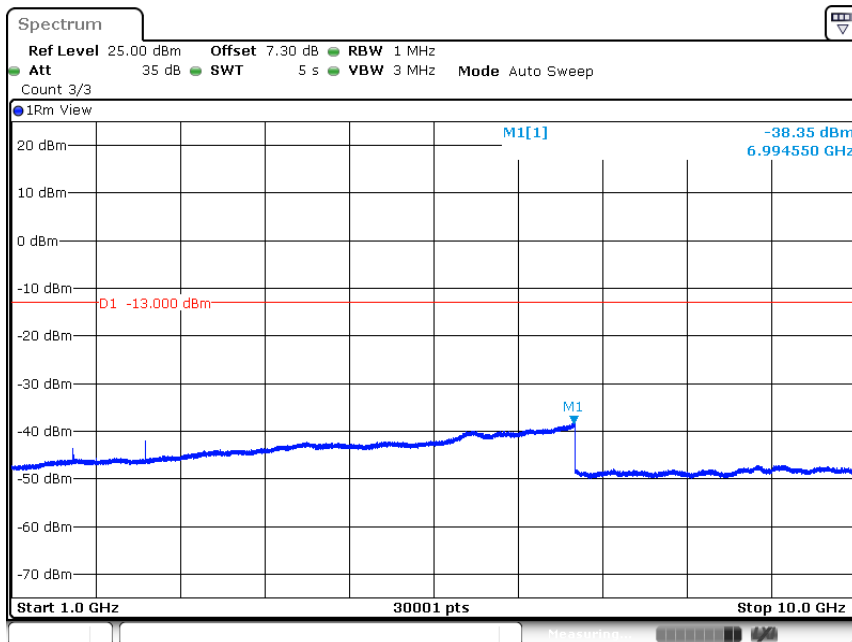
Band5-4132-30~1000MHz



Date: 4 JAN 2021 17:54:11

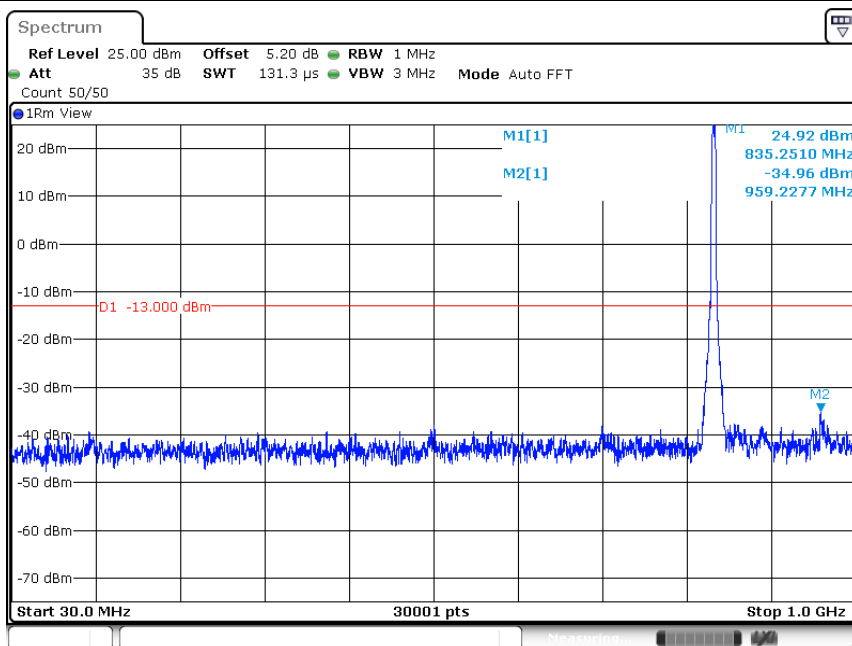


Band5-4132-1000~10000MHz



Date: 4 JAN 2021 17:54:36

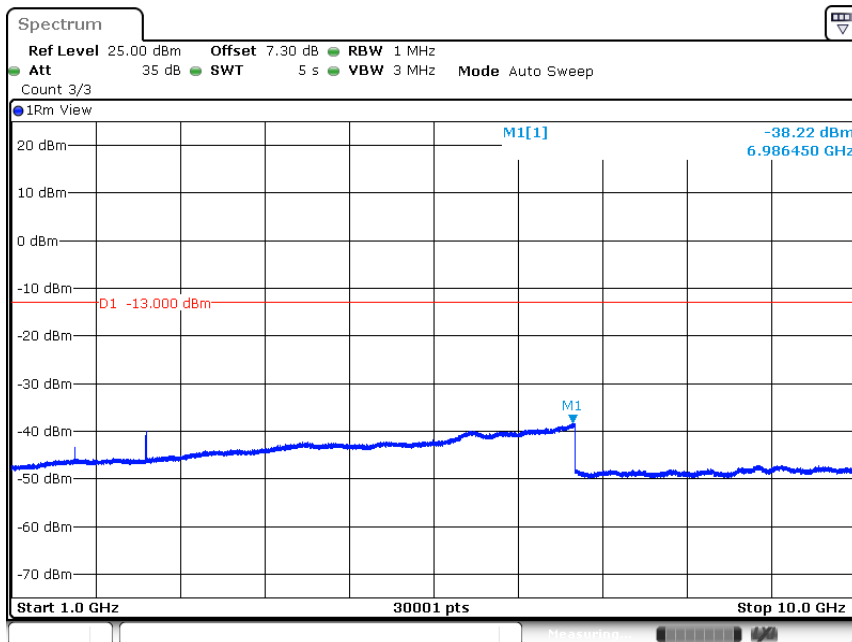
Band5-4182-30~1000MHz



Date: 4 JAN 2021 17:54:52

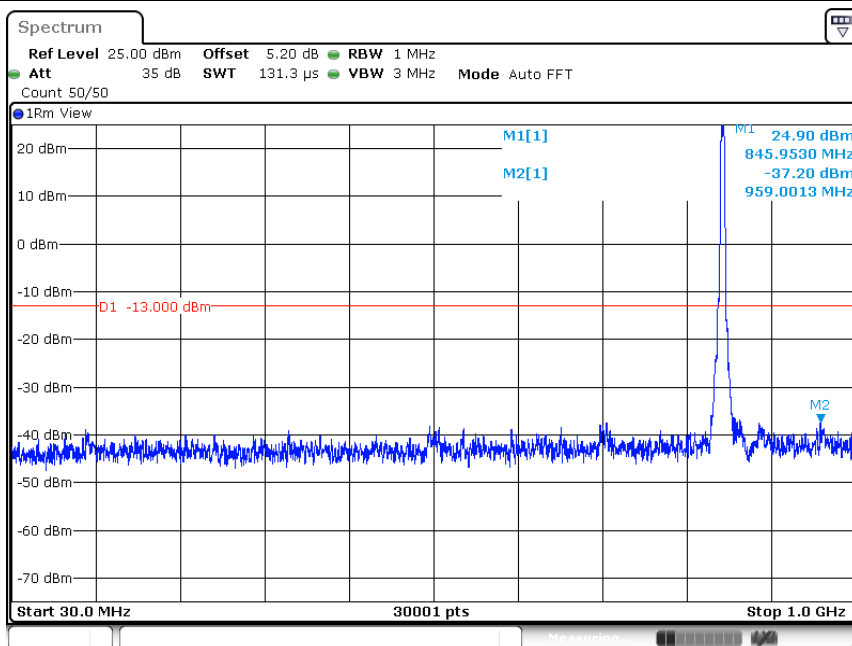


Band5-4182-1000~10000MHz



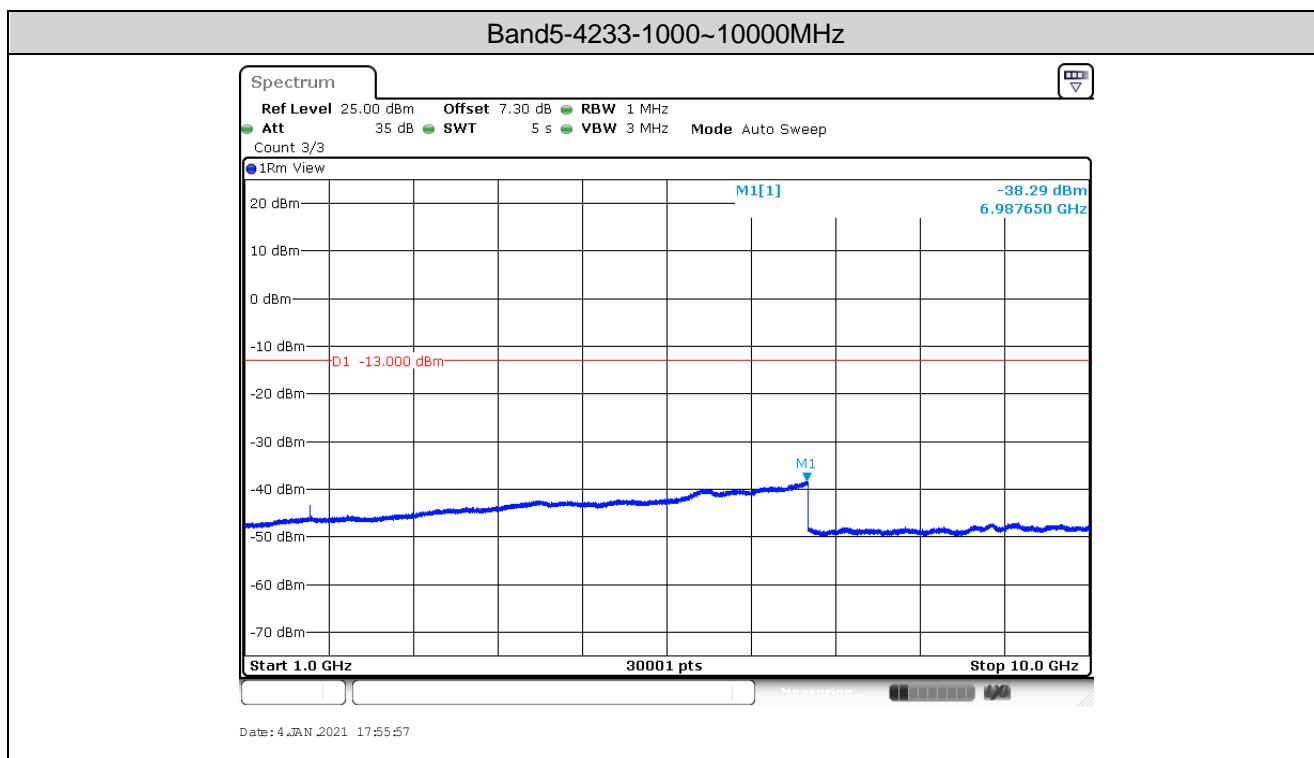
Date: 4 JAN 2021 17:55:16

Band5-4233-30~1000MHz



Date: 4 JAN 2021 17:55:32





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7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA_II_TM1

7.1.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.4537	-62.17	-13.00	49.17	184	227	Horizontal
2	243.5077	-66.37	-13.00	53.37	175	227	Horizontal
3	739.5905	-60.78	-13.00	47.78	169	54	Horizontal
4	3703.5235	-60.10	-13.00	47.10	178	252	Horizontal
5	10010.7337	-53.16	-13.00	40.16	162	178	Horizontal
6	16398.4466	-45.88	-13.00	32.88	154	103	Horizontal



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7.2. Test Band = WCDMA_II_TM1

7.2.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	45.4723	-68.91	-13.00	55.91	222	178	Vertical
2	110.0290	-63.76	-13.00	50.76	265	53	Vertical
3	829.0775	-60.33	-13.00	47.33	284	277	Vertical
4	3706.5236	-60.55	-13.00	47.55	296	251	Vertical
5	14447.8816	-48.60	-13.00	35.60	267	103	Vertical
6	17999.0000	-42.14	-13.00	29.14	263	326	Vertical



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7.3. Test Band = WCDMA_II_TM1

7.3.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.9872	-61.77	-13.00	48.77	236	152	Horizontal
2	235.4078	-68.27	-13.00	55.27	284	53	Horizontal
3	793.3312	-61.37	-13.00	48.37	271	350	Horizontal
4	3761.5254	-61.25	-13.00	48.25	269	227	Horizontal
5	10601.753	-52.69	-13.00	39.69	284	128	Horizontal
6	16394.946	-45.74	-13.00	32.74	258	79	Horizontal



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7.4. Test Band = WCDMA_II_TM1
7.4.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	45.0843	-69.28	-13.00	56.28	236	227	Vertical
2	110.6110	-63.84	-13.00	50.84	284	350	Vertical
3	674.8397	-62.86	-13.00	49.86	271	301	Vertical
4	3706.5236	-61.40	-13.00	48.40	149	350	Vertical
5	14522.8841	-48.63	-13.00	35.63	258	350	Vertical
6	17996.9999	-41.70	-13.00	28.70	265	251	Vertical





7.5. Test Band = WCDMA_II_TM1

7.5.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.5022	-62.07	-13.00	49.07	174	202	Horizontal
2	249.5220	-66.46	-13.00	53.46	169	277	Horizontal
3	630.0720	-62.20	-13.00	49.20	174	29	Horizontal
4	3690.0230	-61.05	-13.00	48.05	165	129	Horizontal
5	9314.2105	-52.99	-13.00	39.99	187	350	Horizontal
6	16375.4458	-44.47	-13.00	31.47	196	326	Horizontal



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7.6. Test Band = WCDMA_II_TM1

7.6.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.9872	-69.07	-13.00	56.07	222	252	Vertical
2	113.9092	-64.09	-13.00	51.09	241	228	Vertical
3	725.7188	-62.35	-13.00	49.35	263	29	Vertical
4	7354.6452	-56.17	-13.00	43.17	285	252	Vertical
5	14506.3835	-48.79	-13.00	35.79	269	153	Vertical
6	17997.4999	-41.38	-13.00	28.38	274	129	Vertical



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7.7. Test Band = WCDMA_IV_TM1
7.7.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.4651	-61.77	-13.00	48.77	184	258	Horizontal
2	244.9627	-63.28	-13.00	50.28	175	99	Horizontal
3	785.0373	-57.73	-13.00	44.73	196	99	Horizontal
4	3423.0141	-51.13	-13.00	38.13	184	226	Horizontal
5	9299.2100	-50.40	-13.00	37.40	175	353	Horizontal
6	16404.4468	-36.02	-13.00	23.02	135	163	Horizontal



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7.8. Test Band = WCDMA_IV_TM1
7.8.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.7932	-69.80	-13.00	56.80	274	194	Vertical
2	114.4912	-61.90	-13.00	48.90	265	194	Vertical
3	633.0792	-59.05	-13.00	46.05	254	226	Vertical
4	3422.5141	-53.56	-13.00	40.56	258	289	Vertical
5	14715.3905	-41.87	-13.00	28.87	263	352	Vertical
6	17999.5000	-34.85	-13.00	21.85	224	226	Vertical



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7.9. Test Band = WCDMA_IV_TM1

7.9.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.9016	-61.86	-13.00	48.86	154	196	Horizontal
2	232.4976	-65.49	-13.00	52.49	169	132	Horizontal
3	886.6983	-56.55	-13.00	43.55	178	164	Horizontal
4	3463.5155	-53.56	-13.00	40.56	165	259	Horizontal
5	12893.3298	-45.52	-13.00	32.52	198	227	Horizontal
6	16400.4467	-36.13	-13.00	23.13	178	196	Horizontal



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7.10. Test Band = WCDMA_IV_TM1
7.10.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.4908	-67.87	-13.00	54.87	274	353	Vertical
2	109.5440	-62.14	-13.00	49.14	259	99	Vertical
3	748.2724	-58.63	-13.00	45.63	226	35	Vertical
4	3463.0154	-55.94	-13.00	42.94	281	290	Vertical
5	14687.3896	-42.49	-13.00	29.49	275	35	Vertical
6	17991.4997	-34.58	-13.00	21.58	269	35	Vertical



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7.11. Test Band = WCDMA_IV_TM1
7.11.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.4166	-61.01	-13.00	48.01	195	100	Horizontal
2	243.7987	-65.16	-13.00	52.16	174	227	Horizontal
3	772.7661	-58.09	-13.00	45.09	168	100	Horizontal
4	3503.0168	-51.23	-13.00	38.23	175	227	Horizontal
5	9293.2098	-50.31	-13.00	37.31	195	163	Horizontal
6	16402.4467	-35.92	-13.00	22.92	176	227	Horizontal



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7.12. Test Band = WCDMA_IV_TM1
7.12.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.9872	-68.58	-13.00	55.58	274	199	Vertical
2	110.8535	-61.49	-13.00	48.49	265	199	Vertical
3	740.7545	-59.11	-13.00	46.11	294	98	Vertical
4	3503.5168	-55.05	-13.00	42.05	271	293	Vertical
5	14702.3901	-42.66	-13.00	29.66	263	135	Vertical
6	17997.9999	-34.94	-13.00	21.94	229	356	Vertical



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7.13. Test Band = WCDMA_V_TM1

7.13.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.3082	-61.79	-13.00	48.79	271	256	Horizontal
2	244.1382	-68.40	-13.00	55.40	265	193	Horizontal
3	1782.5565	-36.66	-13.00	23.66	294	354	Horizontal
4	2694.3389	-50.12	-13.00	37.12	274	295	Horizontal
5	7244.4748	-57.98	-13.00	44.98	265	288	Horizontal
6	9318.8773	-53.24	-13.00	40.24	236	162	Horizontal



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7.14. Test Band = WCDMA_V_TM1
7.14.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.8303	-69.95	-13.00	56.95	271	161	Vertical
2	116.1403	-63.60	-13.00	50.60	259	35	Vertical
3	585.8378	-64.63	-13.00	51.63	274	161	Vertical
4	1783.7568	-52.09	-13.00	39.09	258	150	Vertical
5	2469.4939	-48.72	-13.00	35.72	263	150	Vertical
6	9692.4564	-53.66	-13.00	40.66	222	161	Vertical





7.15. Test Band = WCDMA_V_TM1

7.15.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	43.9202	-62.66	-13.00	49.66	187	230	Horizontal
2	241.9556	-67.42	-13.00	54.42	165	230	Horizontal
3	1674.1348	-56.88	-13.00	43.88	194	1	Horizontal
4	2698.7397	-50.30	-13.00	37.30	162	191	Horizontal
5	6880.6960	-59.77	-13.00	46.77	184	195	Horizontal
6	9564.8188	-53.86	-13.00	40.86	169	230	Horizontal



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7.16. Test Band = WCDMA_V_TM1

7.16.1. Test Channel = Mid Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	49.5950	-70.95	-13.00	57.95	271	162	Vertical
2	107.7009	-65.28	-13.00	52.28	256	352	Vertical
3	439.3120	-66.08	-13.00	53.08	284	35	Vertical
4	1670.9342	-58.25	-13.00	45.25	296	202	Vertical
5	2702.3405	-51.32	-13.00	38.32	271	199	Vertical
6	7379.8127	-56.92	-13.00	43.92	259	35	Vertical



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7.17. Test Band = WCDMA_V_TM1

7.17.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.1627	-63.40	-13.00	50.40	227	258	Horizontal
2	240.2580	-67.98	-13.00	54.98	256	4	Horizontal
3	1773.7548	-47.87	-13.00	34.87	284	353	Horizontal
4	2697.1394	-50.09	-13.00	37.09	263	348	Horizontal
5	6985.9329	-58.54	-13.00	45.54	291	321	Horizontal
6	9552.9184	-54.65	-13.00	41.65	269	289	Horizontal



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7.18. Test Band = WCDMA_V_TM1

7.18.1. Test Channel = High Channel

Suspected Data List							
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.7932	-70.27	-13.00	57.27	174	194	Vertical
2	108.4769	-64.02	-13.00	51.02	251	353	Vertical
3	578.3199	-63.83	-13.00	50.83	365	162	Vertical
4	1782.1564	-43.30	-13.00	30.30	224	107	Vertical
5	2710.7421	-51.27	-13.00	38.27	259	196	Vertical
6	8005.6335	-56.83	-13.00	43.83	281	289	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-12.65	-0.006829	±2.5	PASS
Band2	9262	VN	NT	-13.64	-0.007363	±2.5	PASS
Band2	9262	VH	NT	-11.64	-0.006284	±2.5	PASS
Band2	9400	VL	NT	-12.51	-0.006654	±2.5	PASS
Band2	9400	VN	NT	-12.51	-0.006654	±2.5	PASS
Band2	9400	VH	NT	-12.73	-0.006771	±2.5	PASS
Band2	9538	VL	NT	-11.17	-0.005856	±2.5	PASS
Band2	9538	VN	NT	-12.20	-0.006395	±2.5	PASS
Band2	9538	VH	NT	-8.88	-0.004655	±2.5	PASS
Band4	1312	VL	NT	-13.86	-0.008094	±2.5	PASS
Band4	1312	VN	NT	-11.44	-0.006681	±2.5	PASS
Band4	1312	VH	NT	-11.87	-0.006932	±2.5	PASS
Band4	1413	VL	NT	-10.53	-0.006078	±2.5	PASS
Band4	1413	VN	NT	-10.76	-0.006210	±2.5	PASS
Band4	1413	VH	NT	-9.96	-0.005749	±2.5	PASS
Band4	1513	VL	NT	-10.19	-0.005814	±2.5	PASS
Band4	1513	VN	NT	-10.10	-0.005763	±2.5	PASS
Band4	1513	VH	NT	-10.59	-0.006042	±2.5	PASS
Band5	4132	VL	NT	-9.76	-0.011810	±2.5	PASS
Band5	4132	VN	NT	-10.35	-0.012524	±2.5	PASS
Band5	4132	VH	NT	-9.49	-0.011484	±2.5	PASS
Band5	4182	VL	NT	-6.05	-0.007233	±2.5	PASS
Band5	4182	VN	NT	-10.81	-0.012924	±2.5	PASS
Band5	4182	VH	NT	-4.37	-0.005225	±2.5	PASS
Band5	4233	VL	NT	-7.01	-0.008280	±2.5	PASS
Band5	4233	VN	NT	-8.96	-0.010584	±2.5	PASS
Band5	4233	VH	NT	-9.58	-0.011316	±2.5	PASS



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8.2. Frequency Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-12.48	-0.006737	±2.5	PASS
Band2	9262	NV	-20	-13.98	-0.007547	±2.5	PASS
Band2	9262	NV	-10	-12.67	-0.006840	±2.5	PASS
Band2	9262	NV	0	-12.03	-0.006494	±2.5	PASS
Band2	9262	NV	10	-12.21	-0.006591	±2.5	PASS
Band2	9262	NV	20	-12.52	-0.006759	±2.5	PASS
Band2	9262	NV	30	-12.43	-0.006710	±2.5	PASS
Band2	9262	NV	40	-13.12	-0.007083	±2.5	PASS
Band2	9262	NV	50	-12.89	-0.006959	±2.5	PASS
Band2	9400	NV	-30	-12.16	-0.006468	±2.5	PASS
Band2	9400	NV	-20	-11.51	-0.006122	±2.5	PASS
Band2	9400	NV	-10	-11.89	-0.006324	±2.5	PASS
Band2	9400	NV	0	-12.68	-0.006745	±2.5	PASS
Band2	9400	NV	10	-12.81	-0.006814	±2.5	PASS
Band2	9400	NV	20	-10.80	-0.005745	±2.5	PASS
Band2	9400	NV	30	-13.38	-0.007117	±2.5	PASS
Band2	9400	NV	40	-12.16	-0.006468	±2.5	PASS
Band2	9400	NV	50	-11.76	-0.006255	±2.5	PASS
Band2	9538	NV	-30	-9.22	-0.004833	±2.5	PASS
Band2	9538	NV	-20	-11.49	-0.006023	±2.5	PASS
Band2	9538	NV	-10	-12.82	-0.006720	±2.5	PASS
Band2	9538	NV	0	-9.48	-0.004970	±2.5	PASS
Band2	9538	NV	10	-9.26	-0.004854	±2.5	PASS
Band2	9538	NV	20	-11.48	-0.006018	±2.5	PASS
Band2	9538	NV	30	-11.07	-0.005803	±2.5	PASS
Band2	9538	NV	40	-11.93	-0.006254	±2.5	PASS
Band2	9538	NV	50	-8.21	-0.004304	±2.5	PASS
Band4	1312	NV	-30	-11.54	-0.006739	±2.5	PASS
Band4	1312	NV	-20	-13.73	-0.008018	±2.5	PASS
Band4	1312	NV	-10	-11.82	-0.006903	±2.5	PASS
Band4	1312	NV	0	-12.65	-0.007387	±2.5	PASS
Band4	1312	NV	10	-14.09	-0.008228	±2.5	PASS
Band4	1312	NV	20	-12.03	-0.007025	±2.5	PASS



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Band4	1312	NV	30	-10.31	-0.006021	±2.5	PASS
Band4	1312	NV	40	-13.98	-0.008164	±2.5	PASS
Band4	1312	NV	50	-12.92	-0.007545	±2.5	PASS
Band4	1413	NV	-30	-9.61	-0.005547	±2.5	PASS
Band4	1413	NV	-20	-10.51	-0.006066	±2.5	PASS
Band4	1413	NV	-10	-12.92	-0.007457	±2.5	PASS
Band4	1413	NV	0	-13.73	-0.007925	±2.5	PASS
Band4	1413	NV	10	-12.82	-0.007399	±2.5	PASS
Band4	1413	NV	20	-12.22	-0.007053	±2.5	PASS
Band4	1413	NV	30	-12.47	-0.007197	±2.5	PASS
Band4	1413	NV	40	-11.38	-0.006568	±2.5	PASS
Band4	1413	NV	50	-10.31	-0.005951	±2.5	PASS
Band4	1513	NV	-30	-9.10	-0.005192	±2.5	PASS
Band4	1513	NV	-20	-10.31	-0.005883	±2.5	PASS
Band4	1513	NV	-10	-8.99	-0.005130	±2.5	PASS
Band4	1513	NV	0	-9.98	-0.005694	±2.5	PASS
Band4	1513	NV	10	-8.33	-0.004753	±2.5	PASS
Band4	1513	NV	20	-11.29	-0.006442	±2.5	PASS
Band4	1513	NV	30	-9.03	-0.005152	±2.5	PASS
Band4	1513	NV	40	-10.79	-0.006157	±2.5	PASS
Band4	1513	NV	50	-10.19	-0.005814	±2.5	PASS
Band5	4132	NV	-30	-9.63	-0.011653	±2.5	PASS
Band5	4132	NV	-20	-11.28	-0.013650	±2.5	PASS
Band5	4132	NV	-10	-8.85	-0.010709	±2.5	PASS
Band5	4132	NV	0	-10.07	-0.012185	±2.5	PASS
Band5	4132	NV	10	-10.62	-0.012851	±2.5	PASS
Band5	4132	NV	20	-9.07	-0.010975	±2.5	PASS
Band5	4132	NV	30	-7.93	-0.009596	±2.5	PASS
Band5	4132	NV	40	-10.73	-0.012984	±2.5	PASS
Band5	4132	NV	50	-9.44	-0.011423	±2.5	PASS
Band5	4182	NV	-30	-10.74	-0.012841	±2.5	PASS
Band5	4182	NV	-20	-8.15	-0.009744	±2.5	PASS
Band5	4182	NV	-10	-8.77	-0.010485	±2.5	PASS
Band5	4182	NV	0	-6.31	-0.007544	±2.5	PASS
Band5	4182	NV	10	-8.28	-0.009900	±2.5	PASS
Band5	4182	NV	20	-8.07	-0.009648	±2.5	PASS
Band5	4182	NV	30	-12.35	-0.014766	±2.5	PASS



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Band5	4182	NV	40	-6.47	-0.007736	±2.5	PASS
Band5	4182	NV	50	-8.00	-0.009565	±2.5	PASS
Band5	4233	NV	-30	-7.98	-0.009426	±2.5	PASS
Band5	4233	NV	-20	-6.84	-0.008079	±2.5	PASS
Band5	4233	NV	-10	-7.75	-0.009154	±2.5	PASS
Band5	4233	NV	0	-8.54	-0.010087	±2.5	PASS
Band5	4233	NV	10	-6.08	-0.007182	±2.5	PASS
Band5	4233	NV	20	-7.82	-0.009237	±2.5	PASS
Band5	4233	NV	30	-9.21	-0.010879	±2.5	PASS
Band5	4233	NV	40	-8.84	-0.010442	±2.5	PASS
Band5	4233	NV	50	-6.50	-0.007678	±2.5	PASS

The End

