



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	22.94	23.44	33.00	PASS
Band II	9400	23.01	23.51	33.00	PASS
Band II	9538	22.95	23.45	33.00	PASS
Band IV	4132	22.83	23.33	30.00	PASS
Band IV	4182	22.74	23.24	30.00	PASS
Band IV	4233	22.78	23.28	30.00	PASS

Band	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band V	4132	23.34	21.69	38.45	PASS
Band V	4182	23.36	21.71	38.45	PASS
Band V	4233	23.31	21.66	38.45	PASS

Remark:

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

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

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



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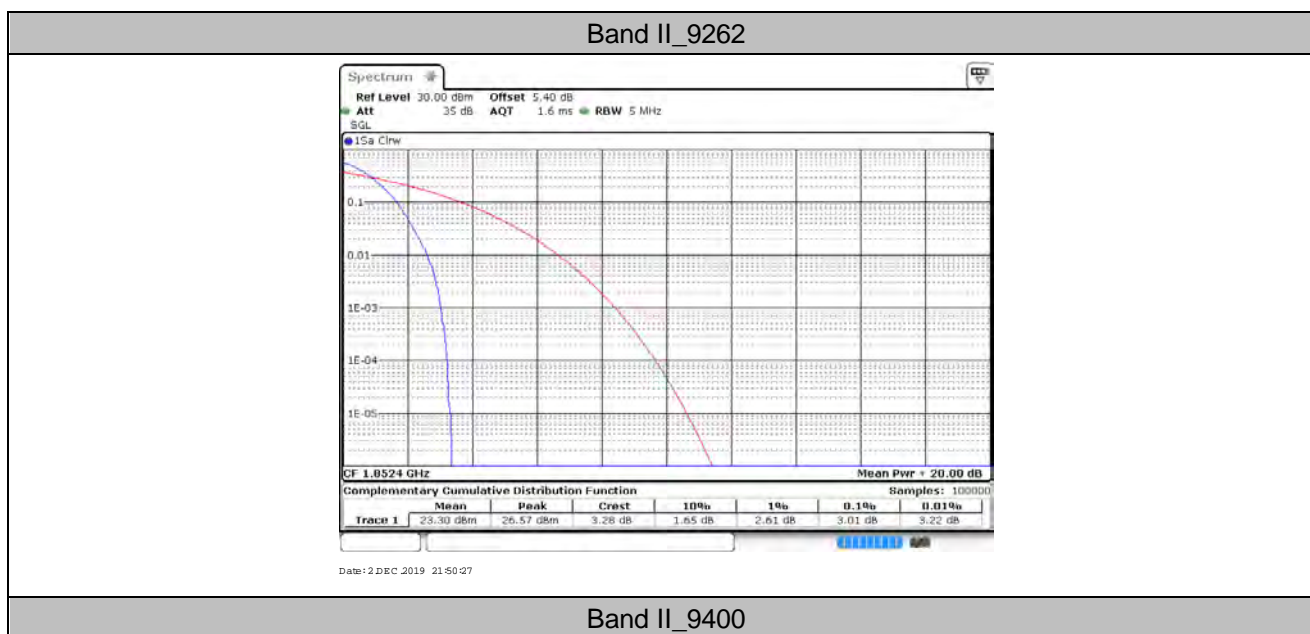


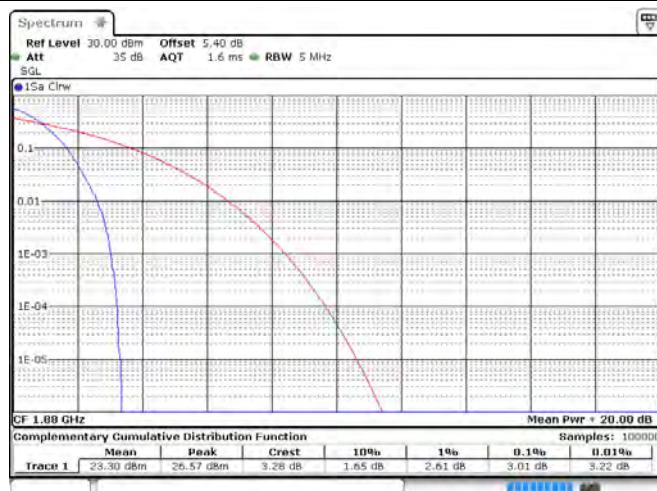
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band II	9262	3.01	13	PASS
Band II	9400	3.01	13	PASS
Band II	9538	2.96	13	PASS
Band IV	1312	3.04	13	PASS
Band IV	1413	3.07	13	PASS
Band IV	1513	3.07	13	PASS
Band V	4132	2.72	13	PASS
Band V	4182	2.72	13	PASS
Band V	4233	2.72	13	PASS

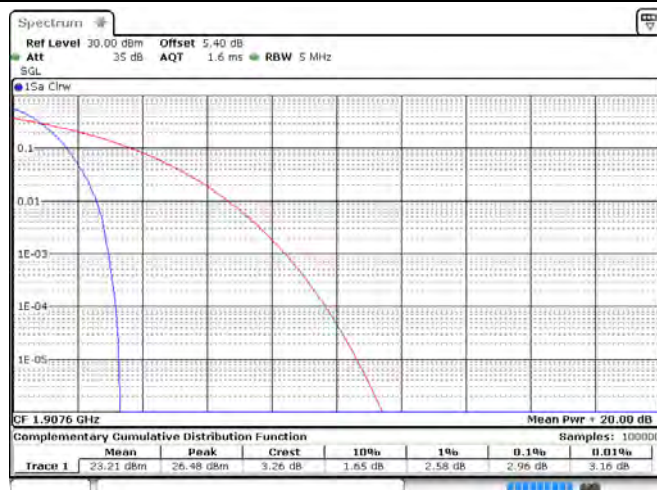
2.2. Test Plots





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Band II_9538



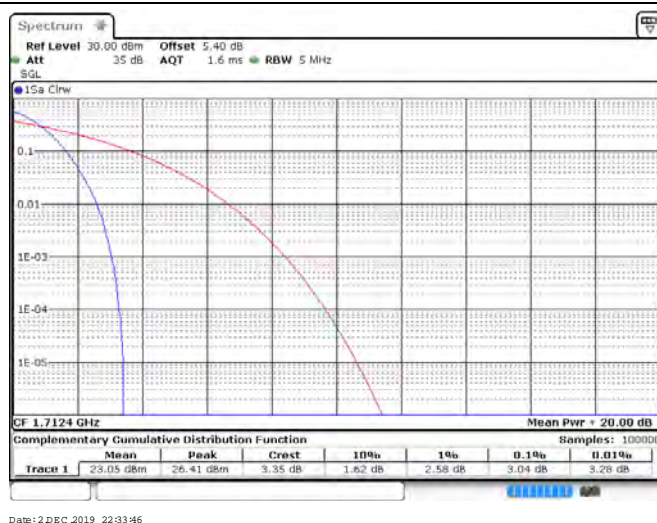
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Band IV_1312

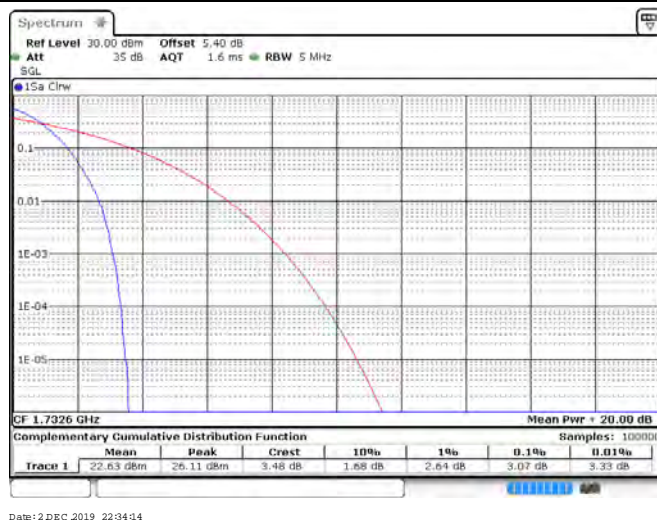


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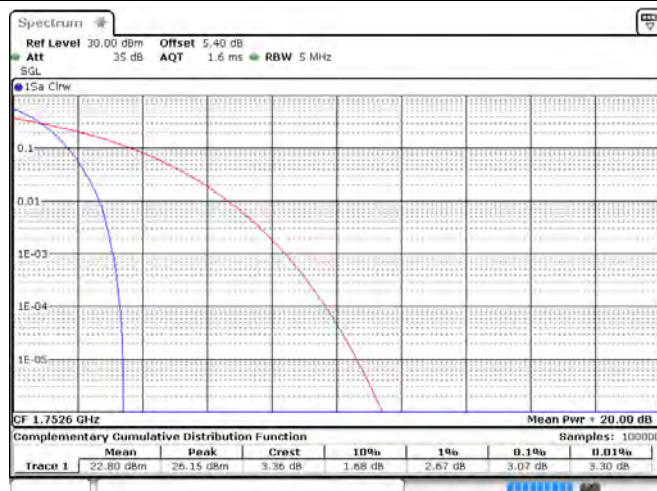


Band IV_1413



Band IV_1513





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Band V_4132



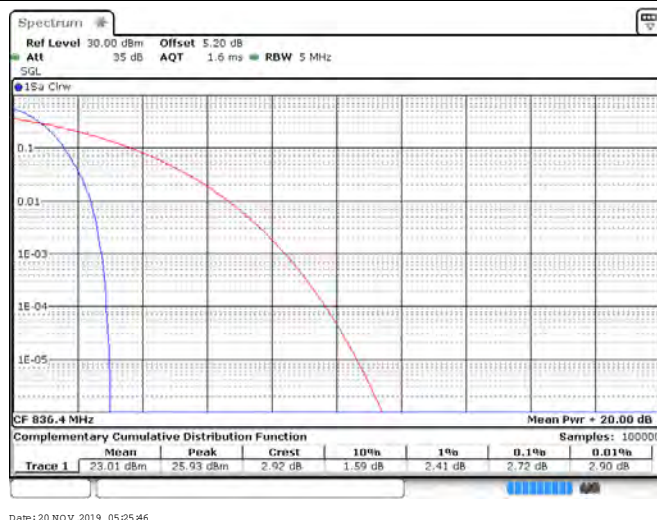
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Band V_4182



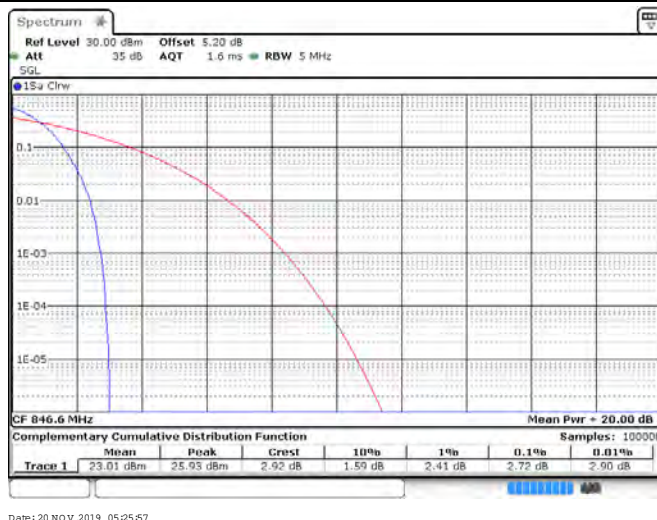
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Date: 20 NOV 2019 05:25:46

Band V_4233



Date: 20 NOV 2019 05:25:57



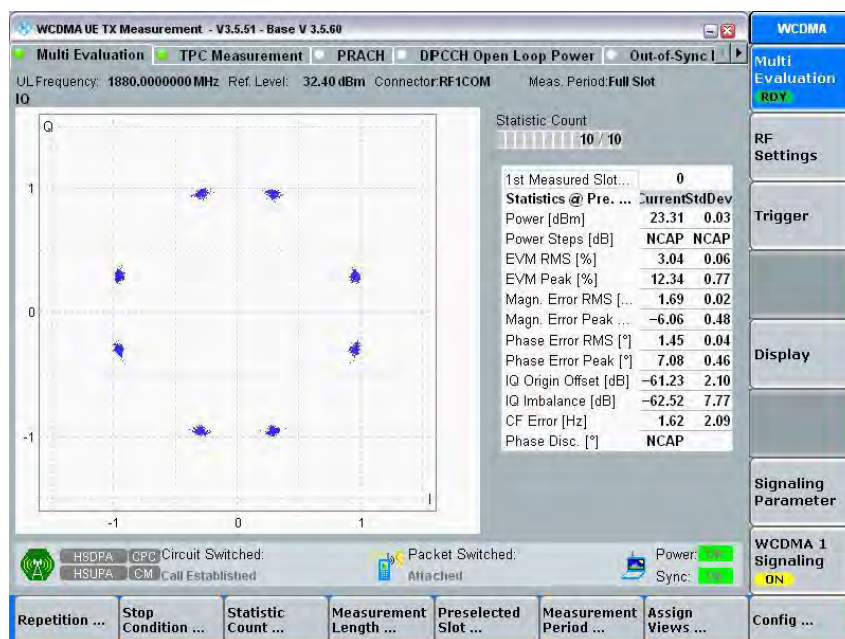


3. Modulation Characteristics

3.1. Test Band = WCDMA Band II

3.1.1. Test Mode = UMTS/TM1

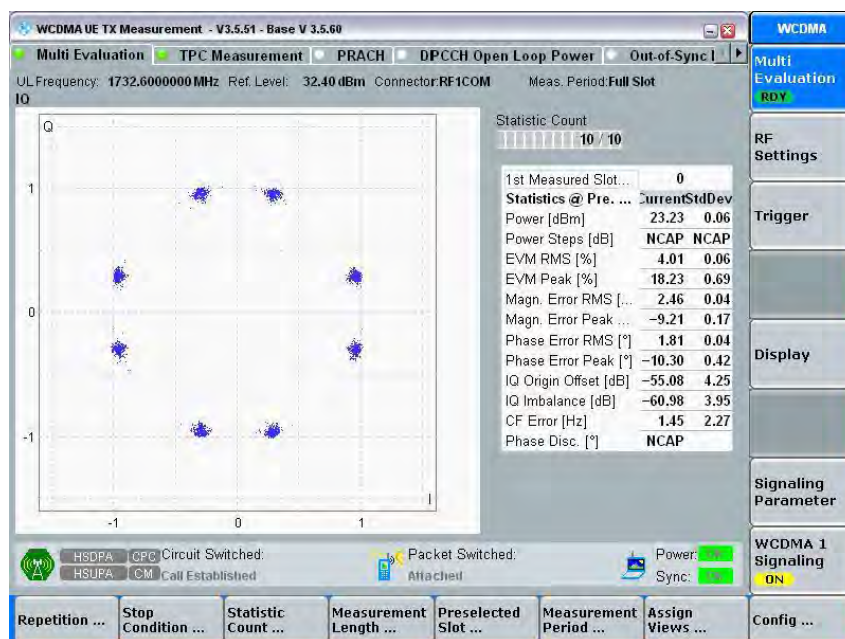
3.1.1.1. Test Channel = MCH



3.2. Test Band = WCDMA Band IV

3.2.1. Test Mode = UMTS/TM1

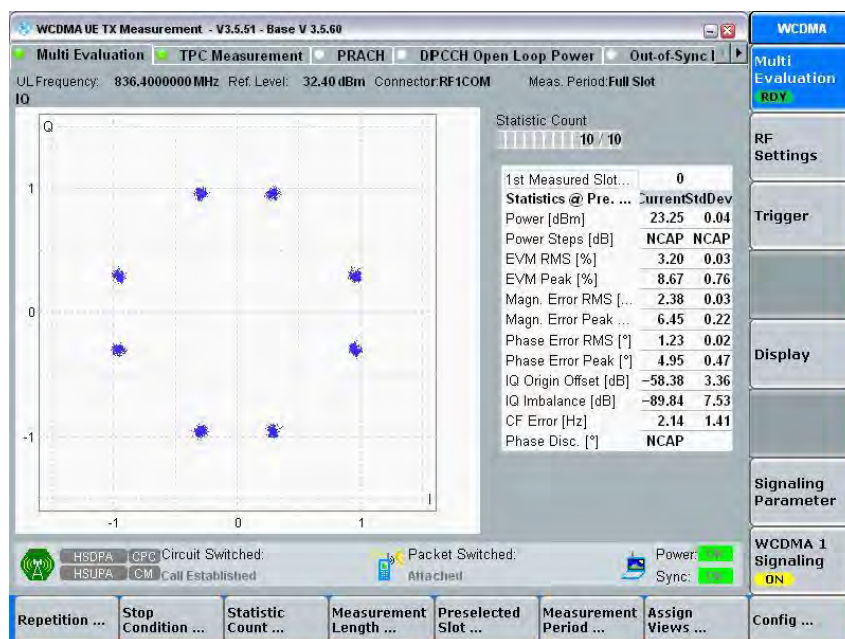
3.2.1.1. Test Channel = MCH



3.3. Test Band = WCDMA Band V

3.3.1. Test Mode = UMTS/TM1

3.3.1.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

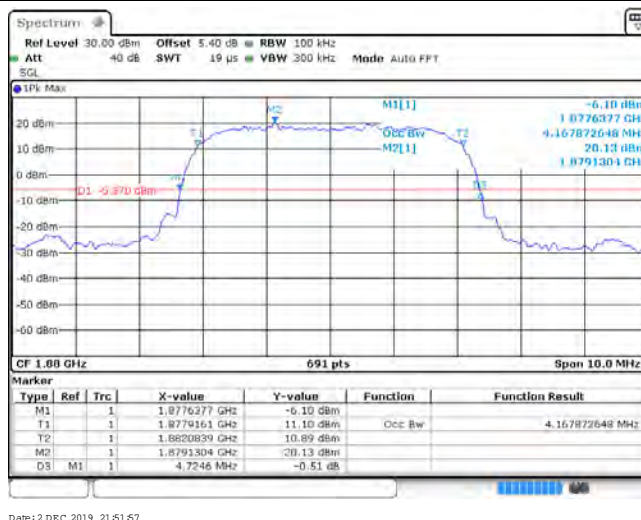
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	9262	4167.9	4739	---	PASS
Band II	9400	4167.9	4725	---	PASS
Band II	9538	4153.4	4739	---	PASS
Band IV	1312	4153.4	4725	---	PASS
Band IV	1413	4167.9	4725	---	PASS
Band IV	1513	4153.4	4725	---	PASS
Band V	4132	4153.4	4754	---	PASS
Band V	4182	4153.4	4725	---	PASS
Band V	4233	4153.4	4754	---	PASS

4.2. Test Plots



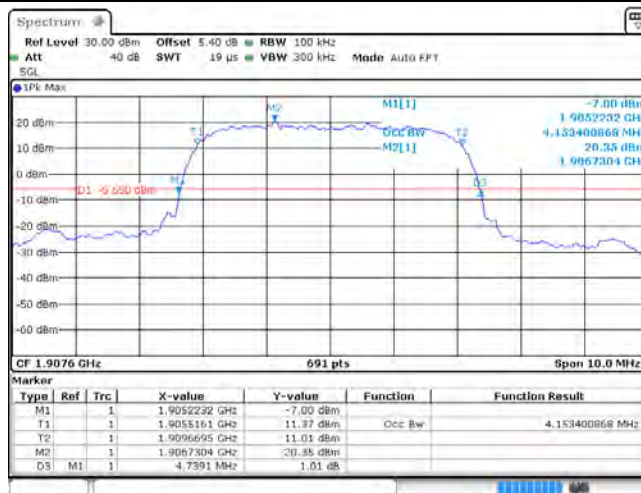
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Band II_9400



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Band II_9538

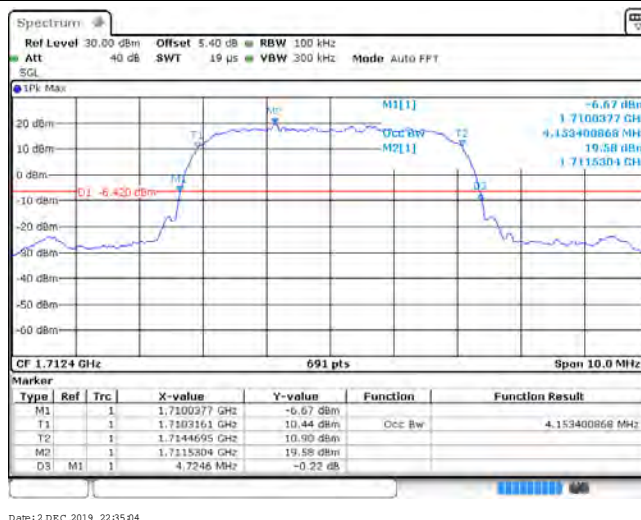


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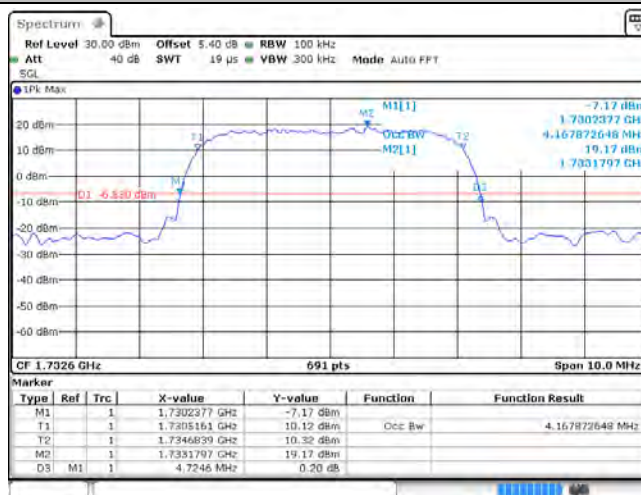
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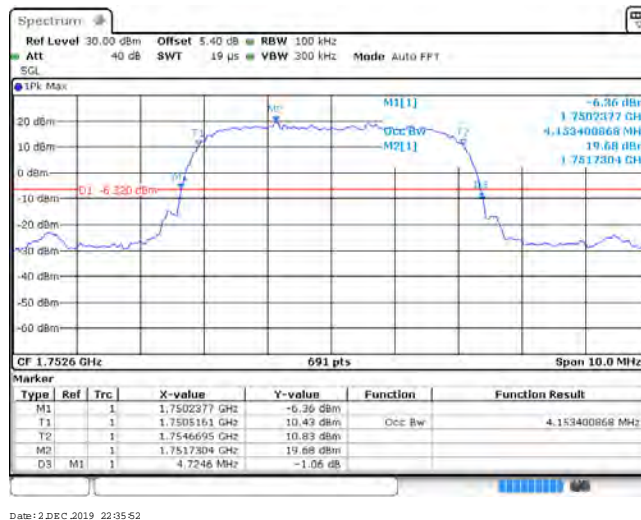
Band IV_1312



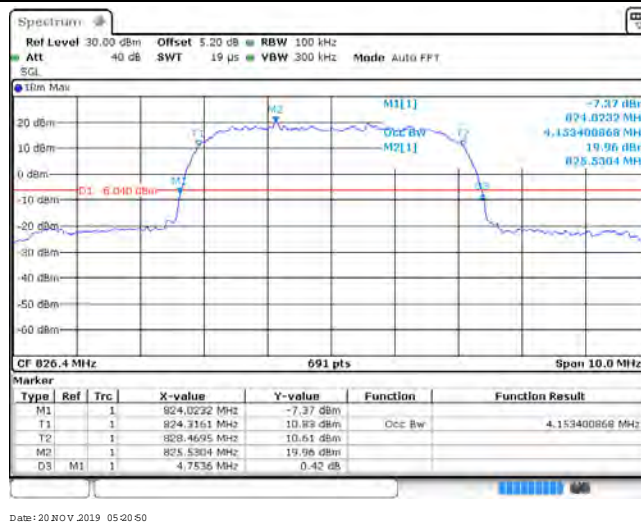
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Band IV_1413





Band IV_1513

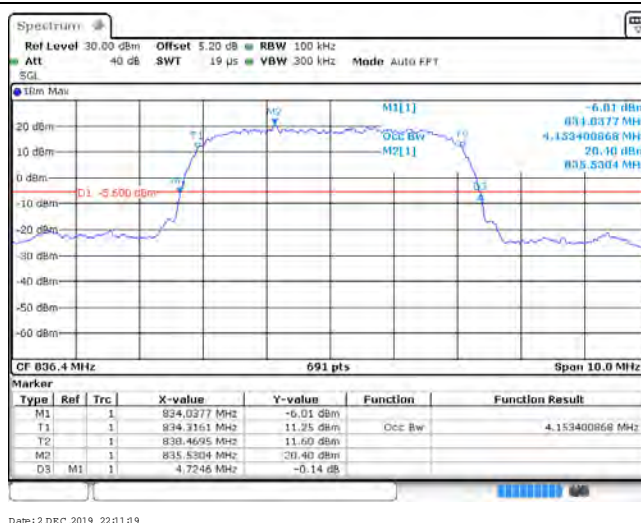


Band V_4132

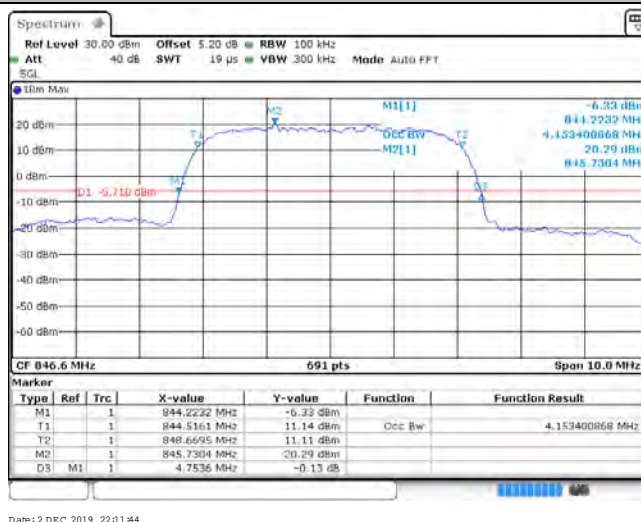


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Band V_4182



Band V_4233



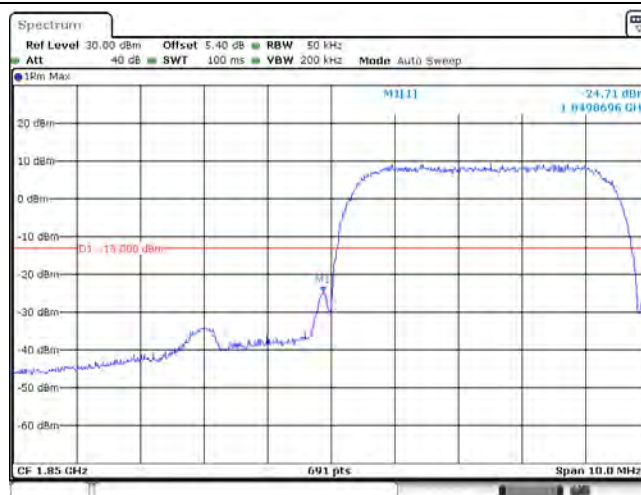
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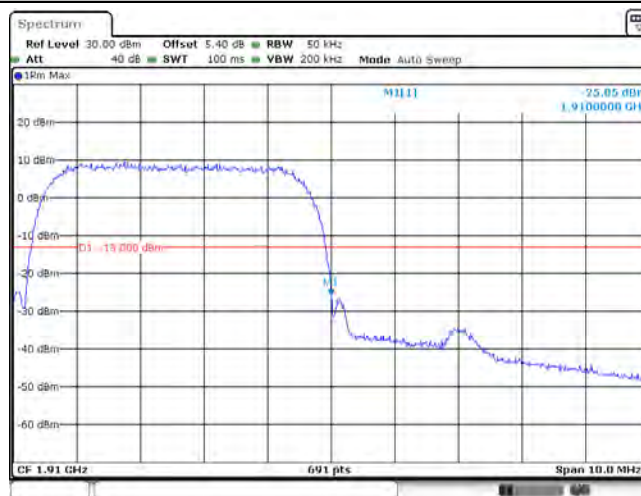


5. Band Edge Compliance

5.1. Test Plots



Band II_9262

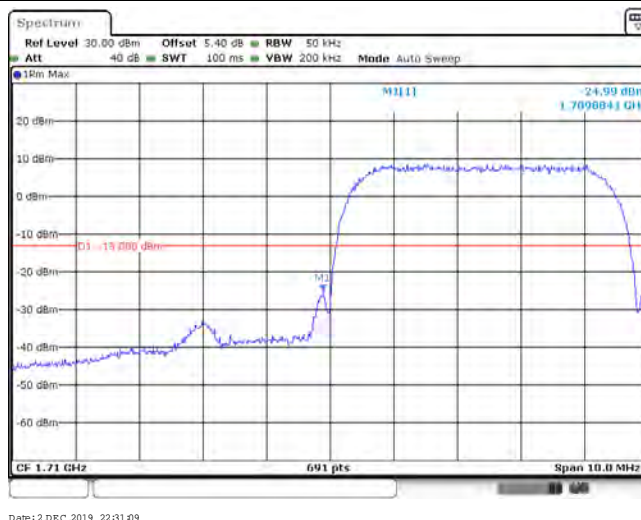


Band II_9538



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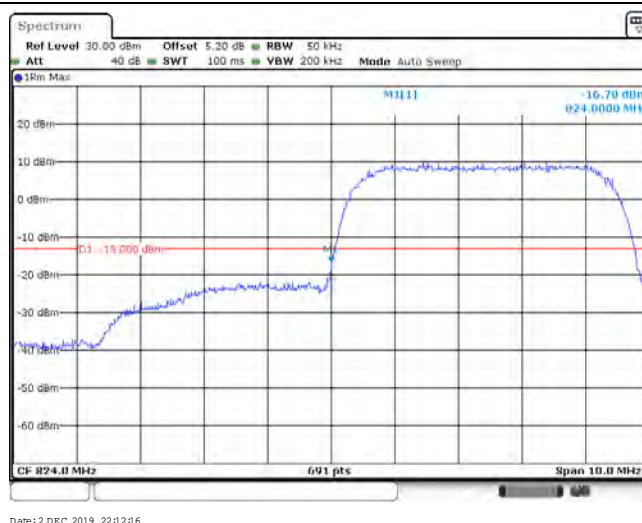


Band IV_1312

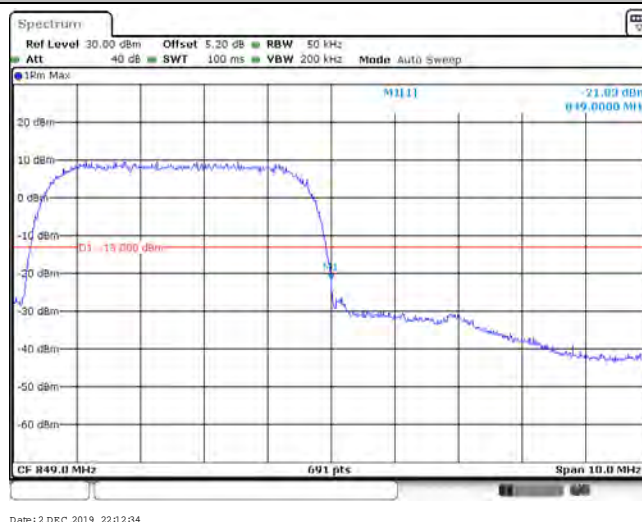


Band IV_1513





Band V 4132



Band V_4233



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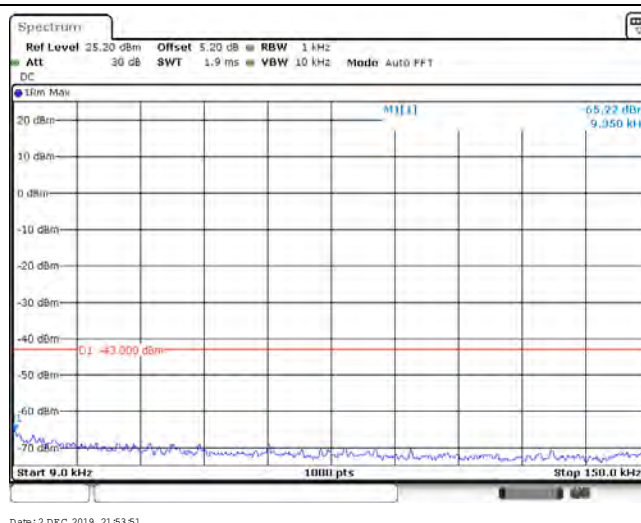


6. Spurious Emission at Antenna Terminal

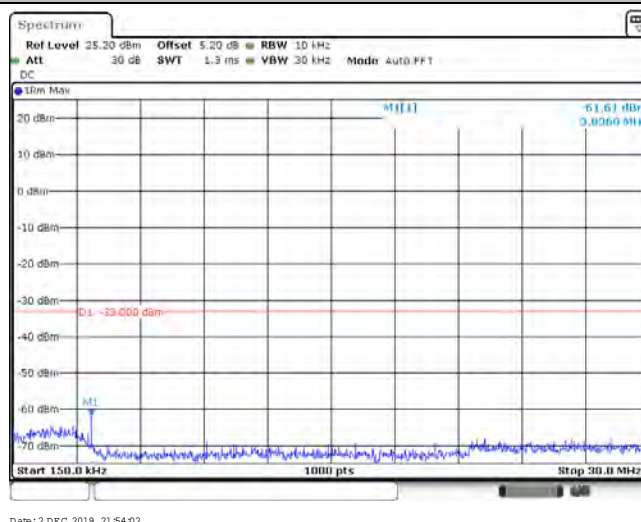
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

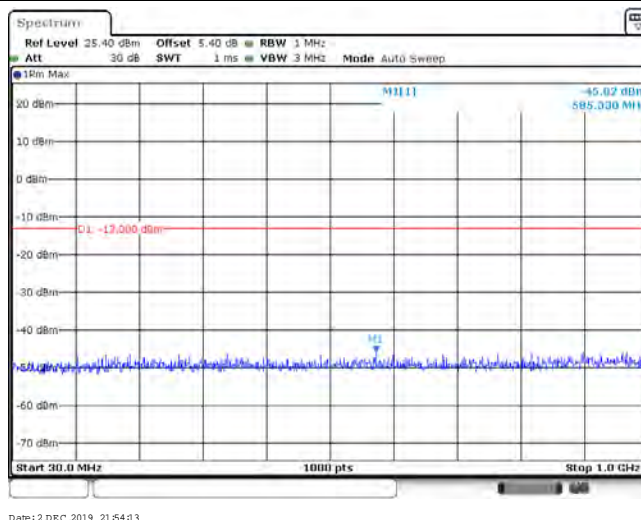


Band II_9262

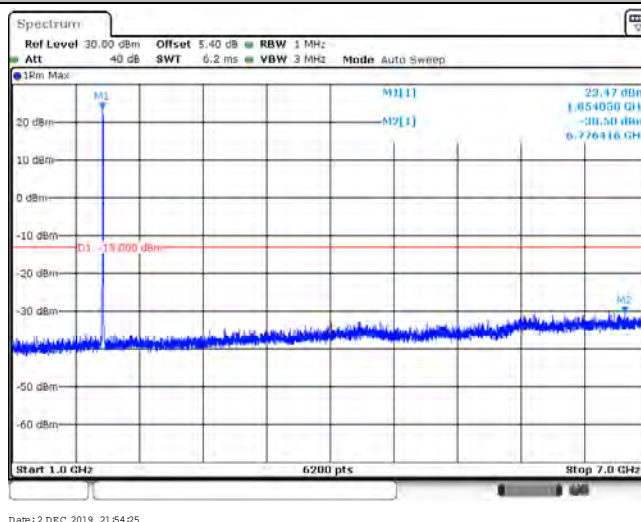


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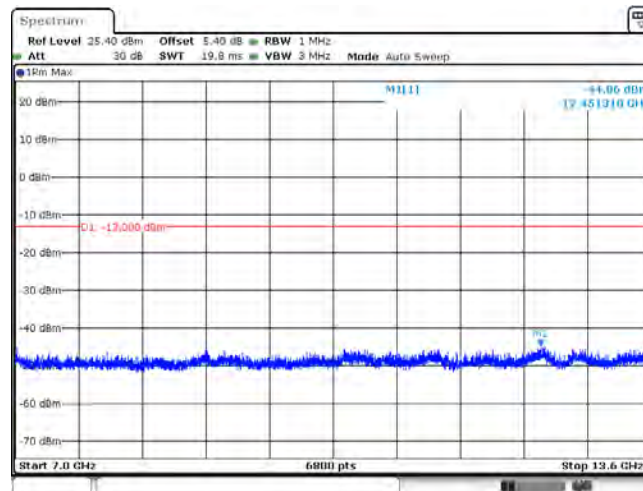


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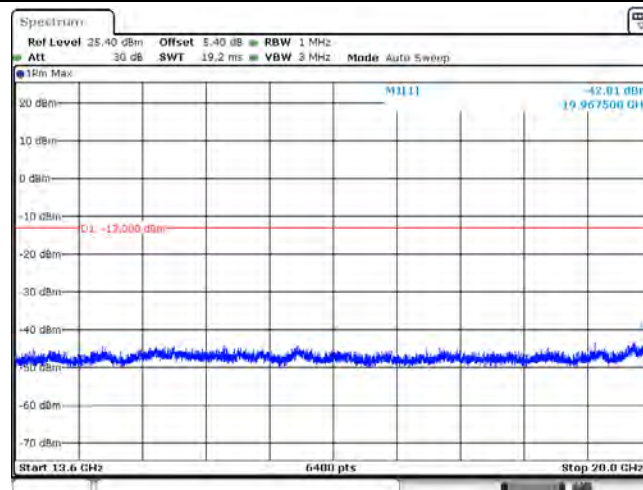
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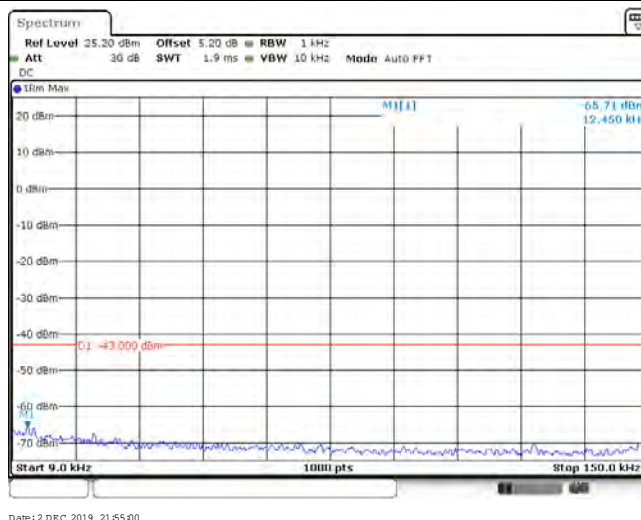
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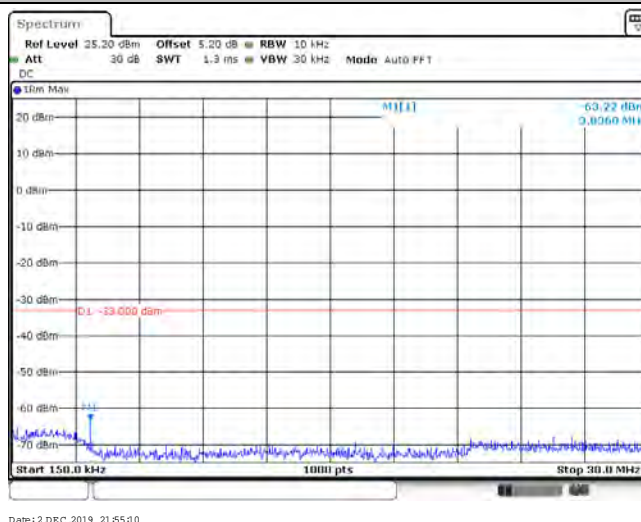
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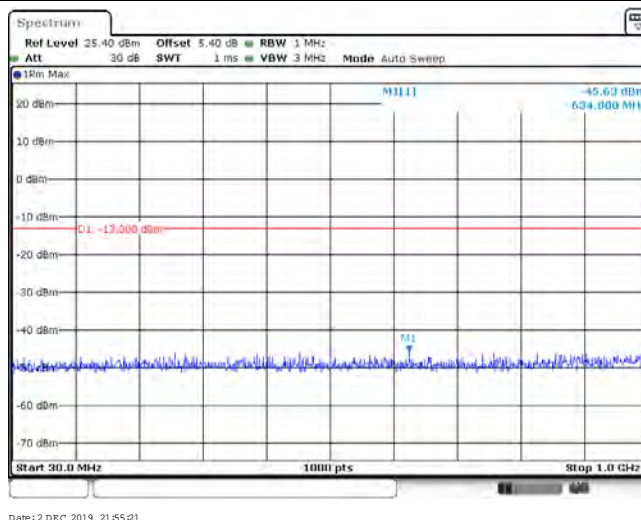


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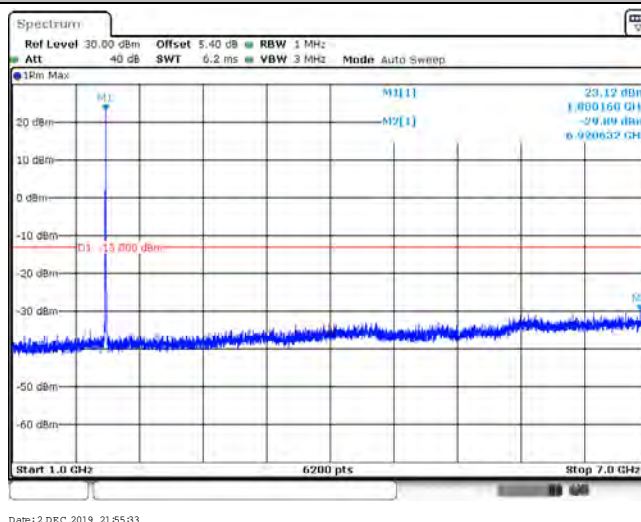


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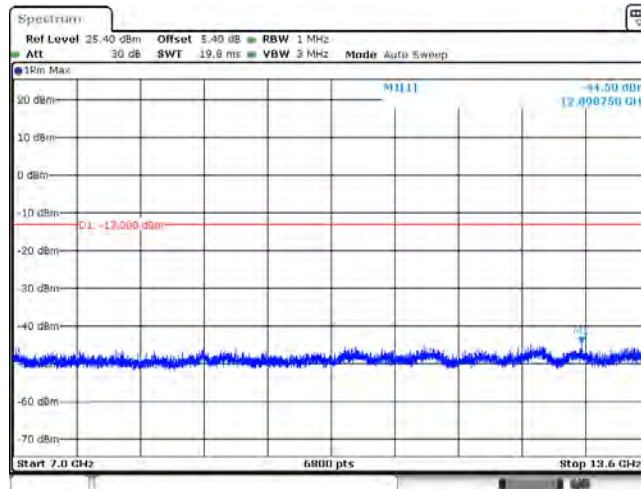


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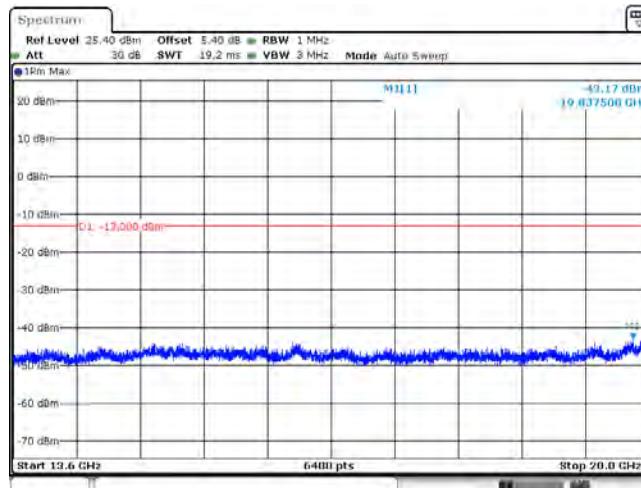
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Band II_9400



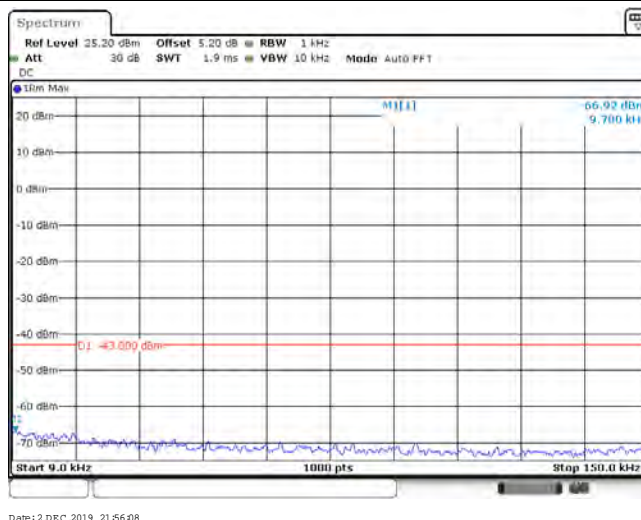
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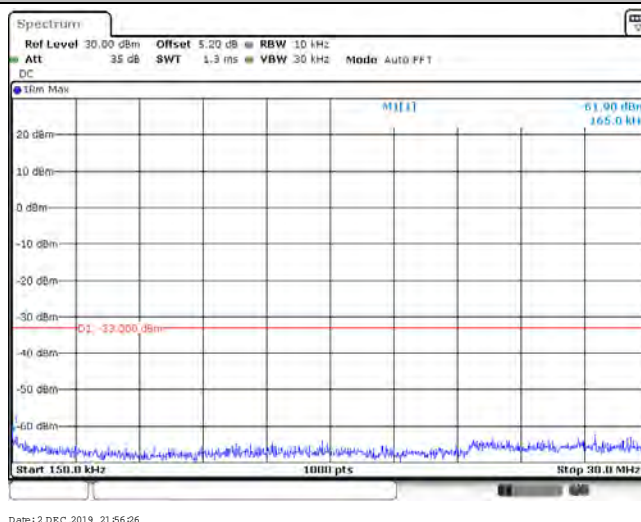


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Band II_9538

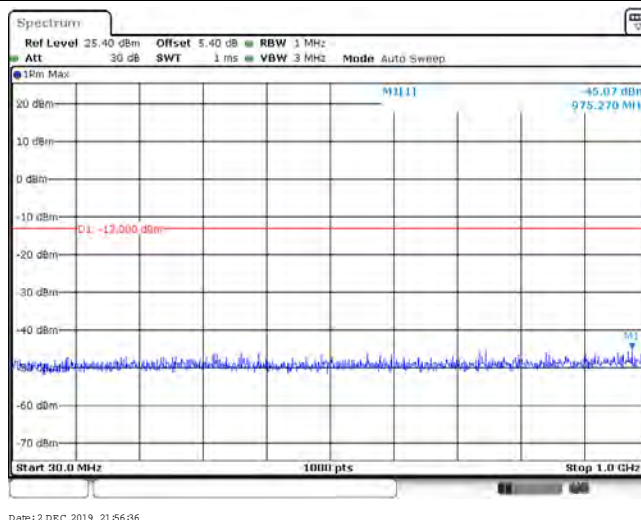


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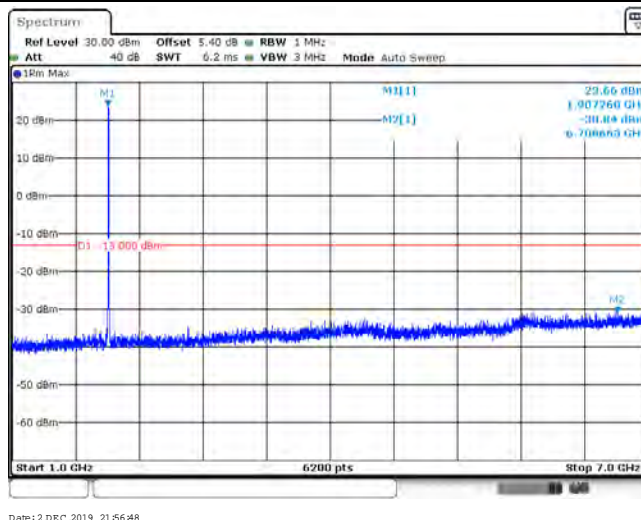


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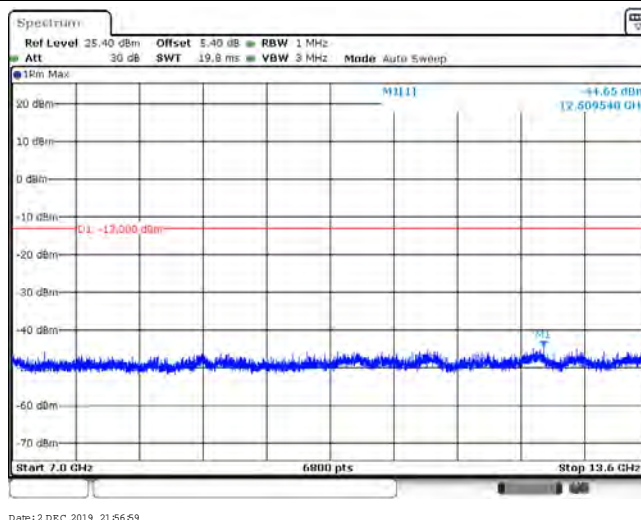


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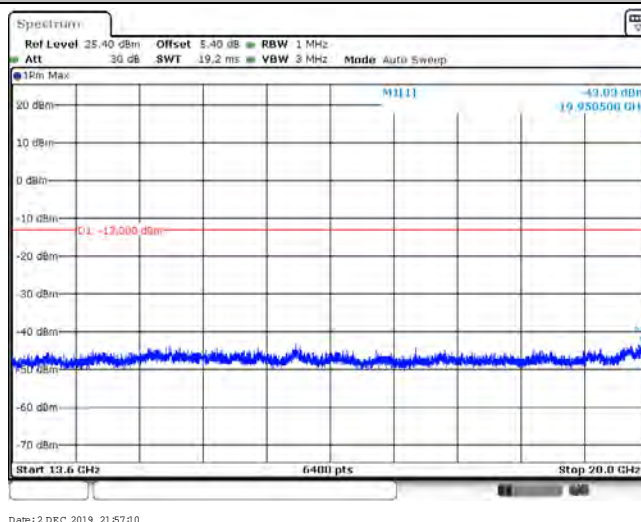


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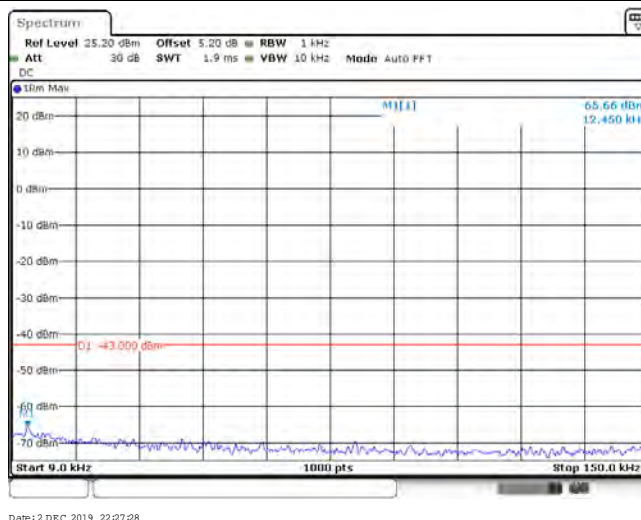


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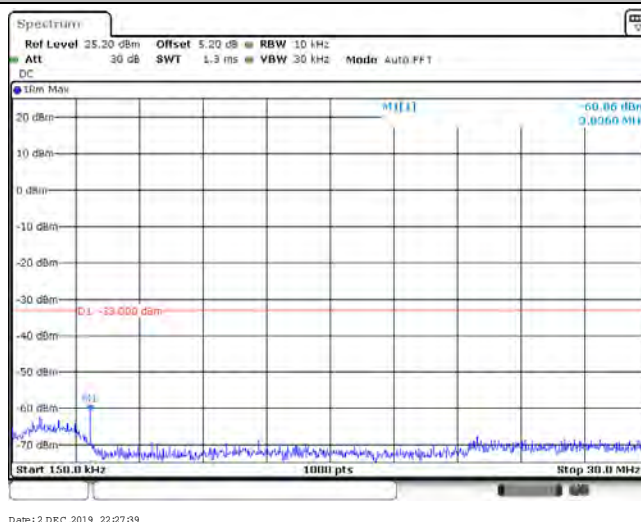


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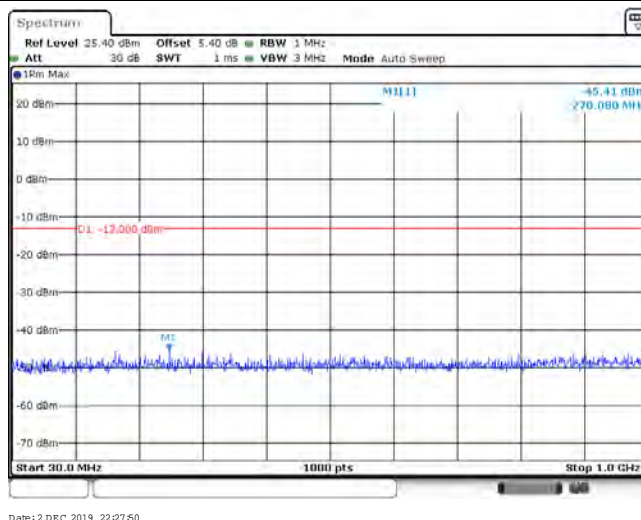


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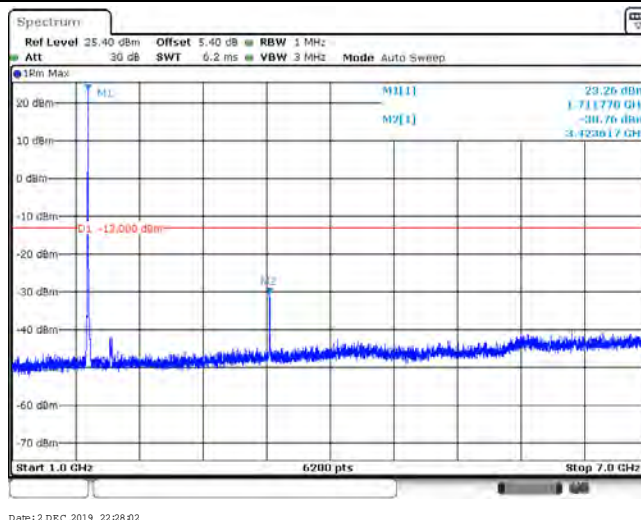


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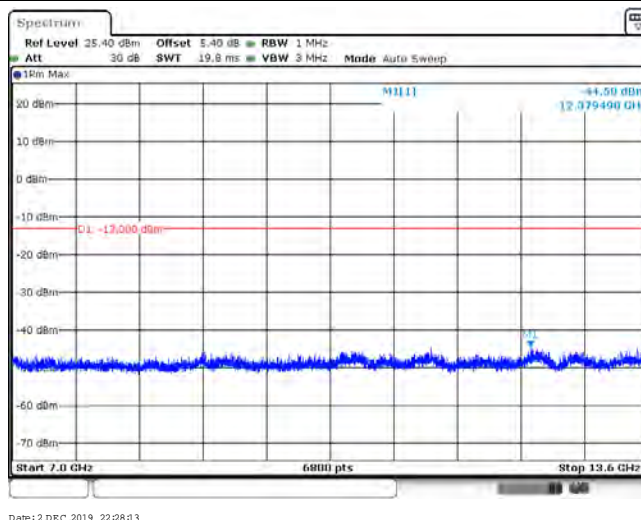


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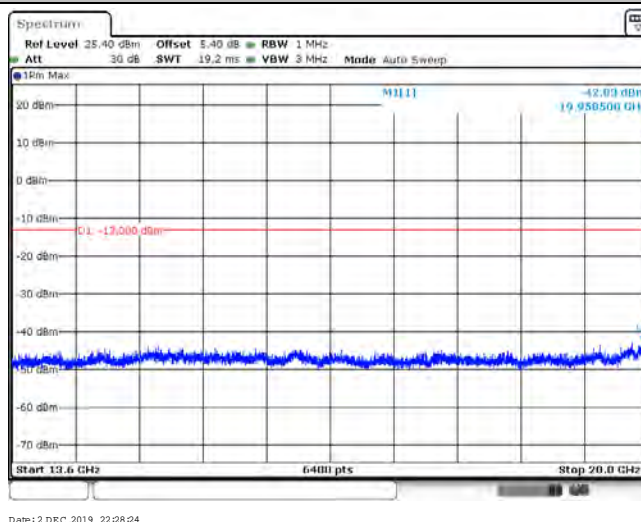


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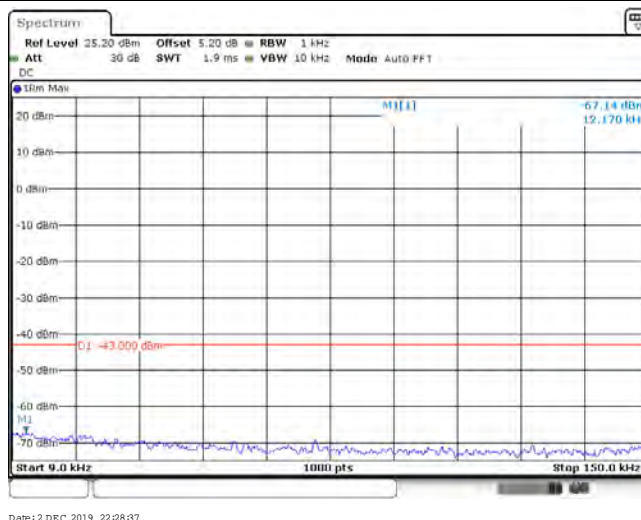


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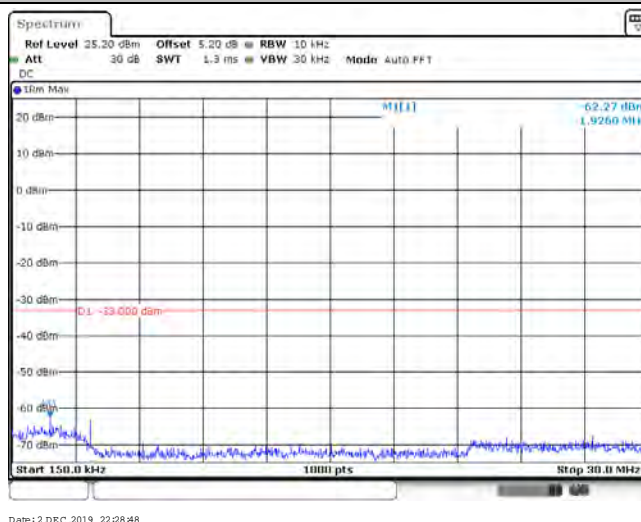


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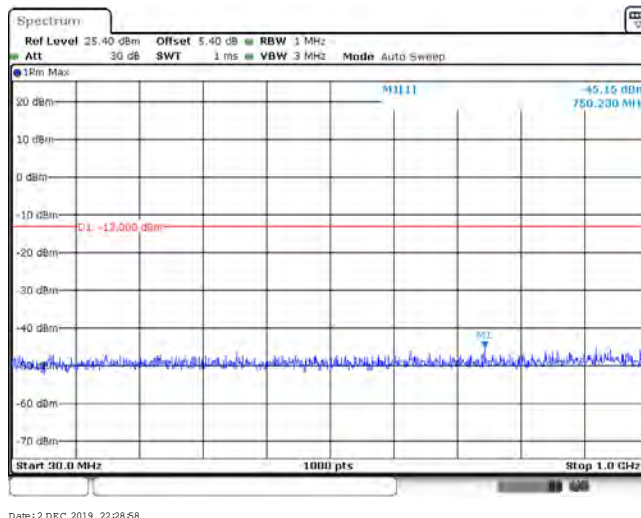


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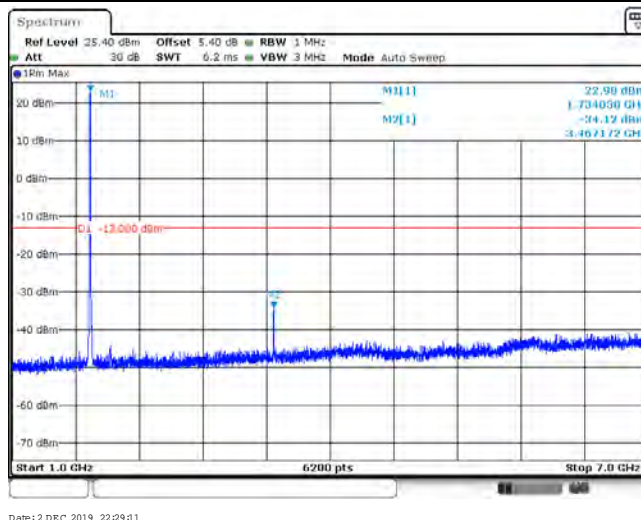


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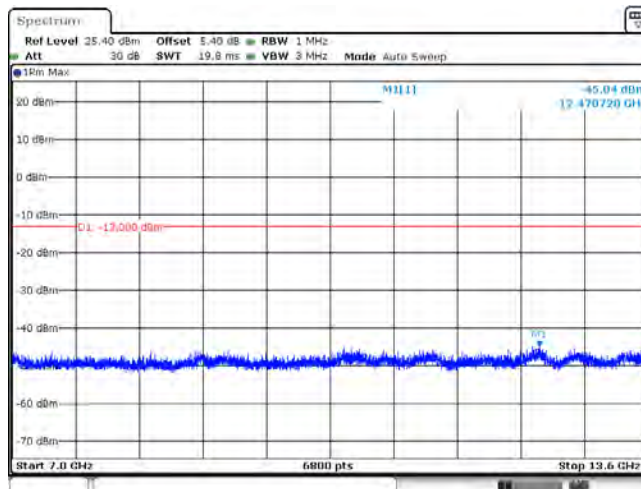
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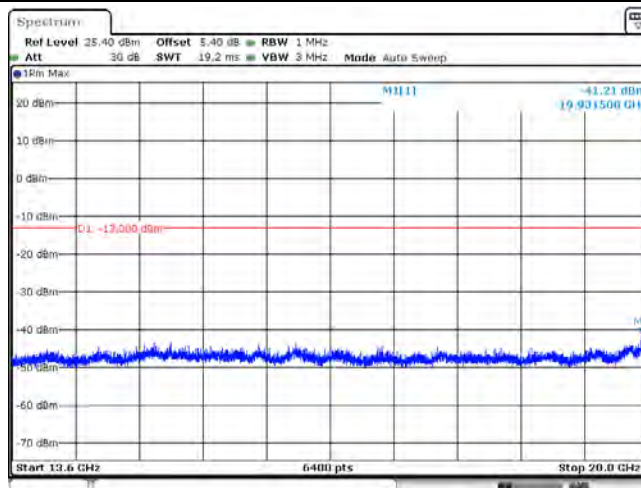


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Band IV_1413



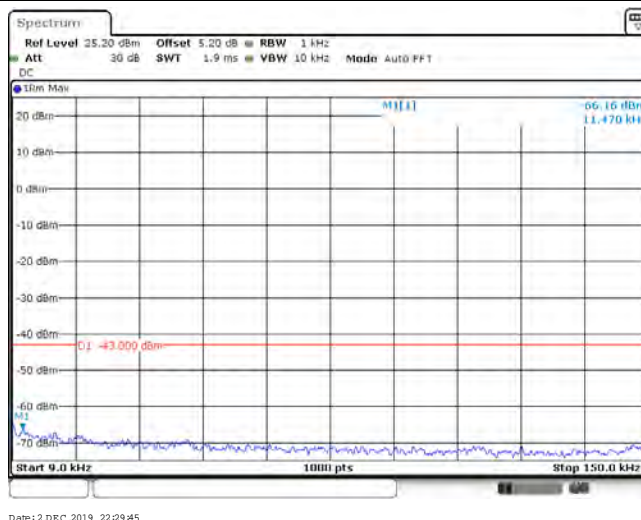
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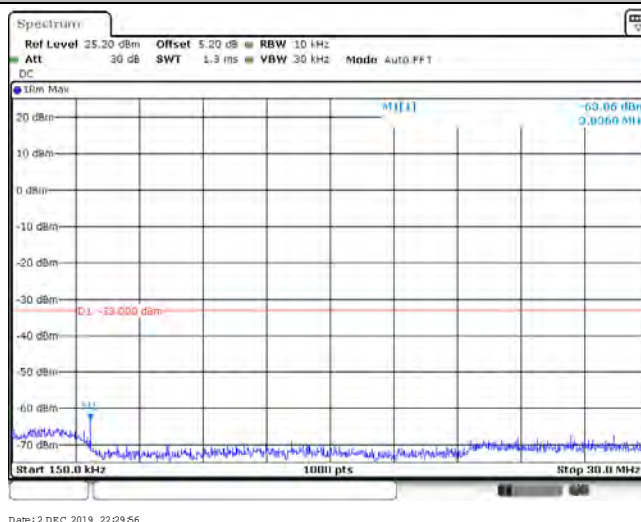


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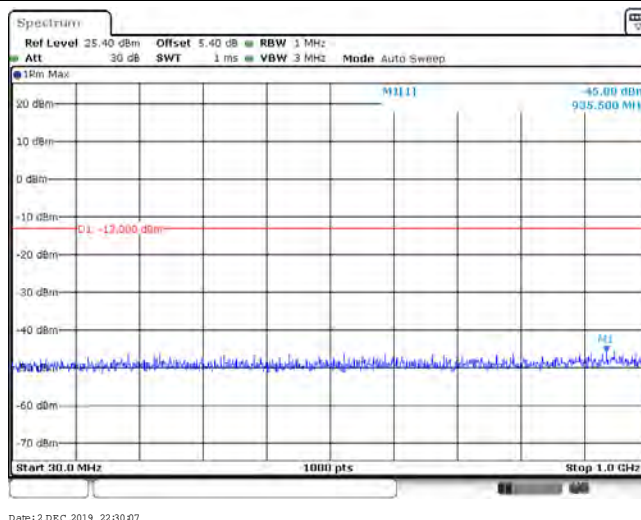


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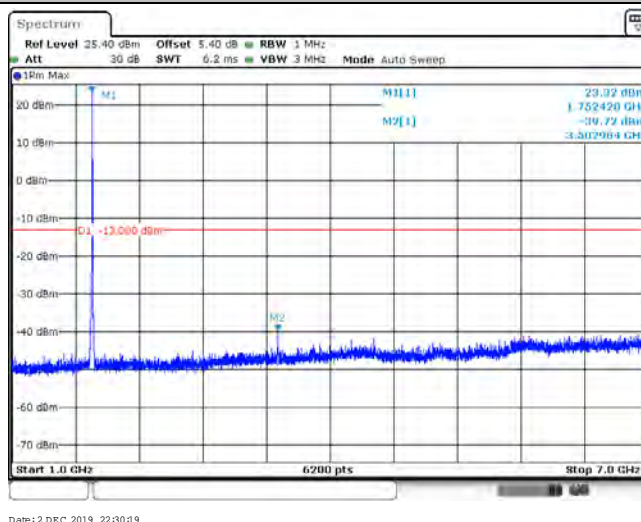


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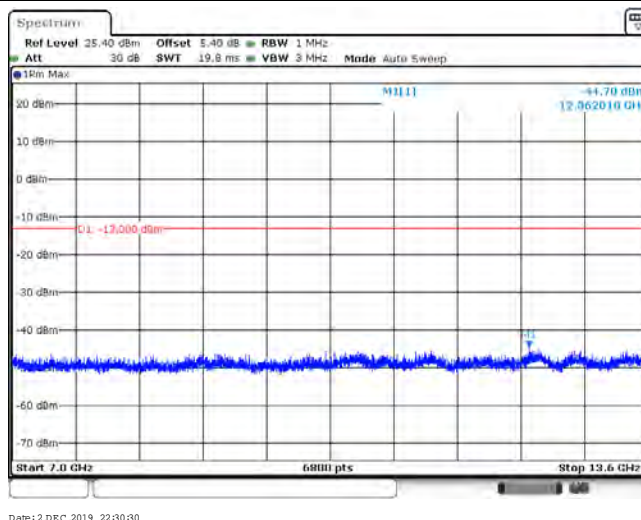


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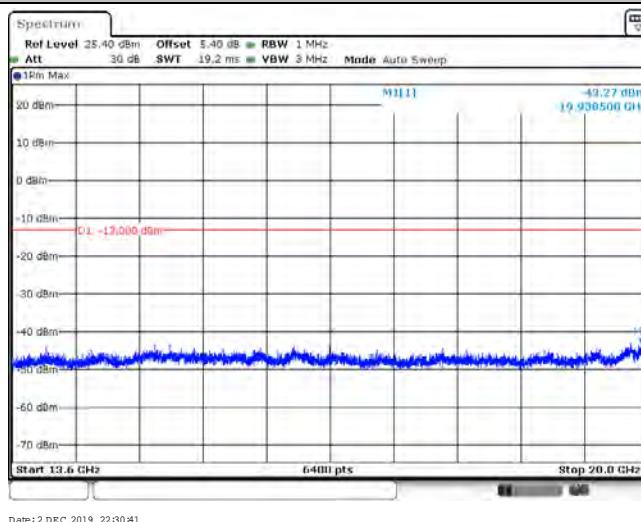


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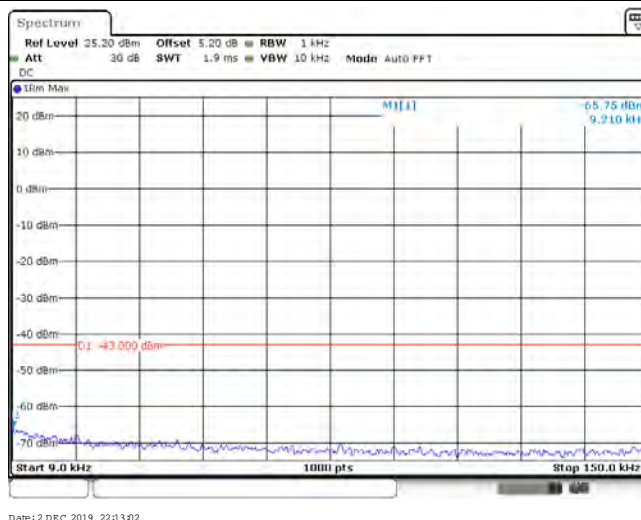


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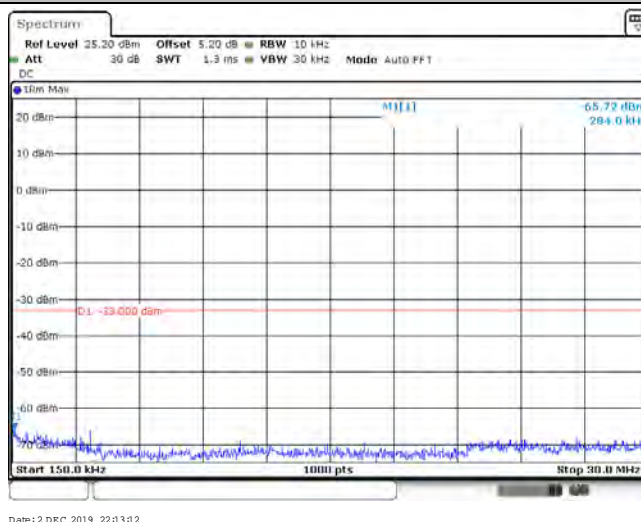


Band IV_1513





Band V_4132

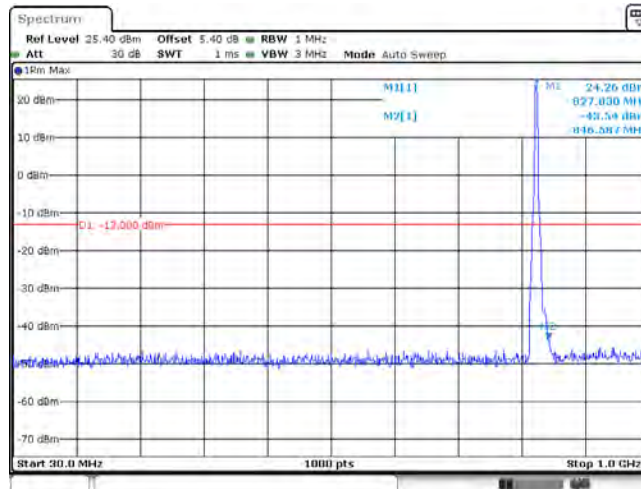


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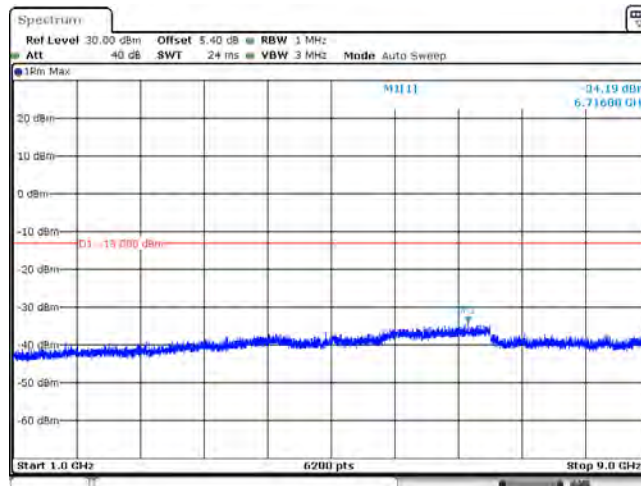
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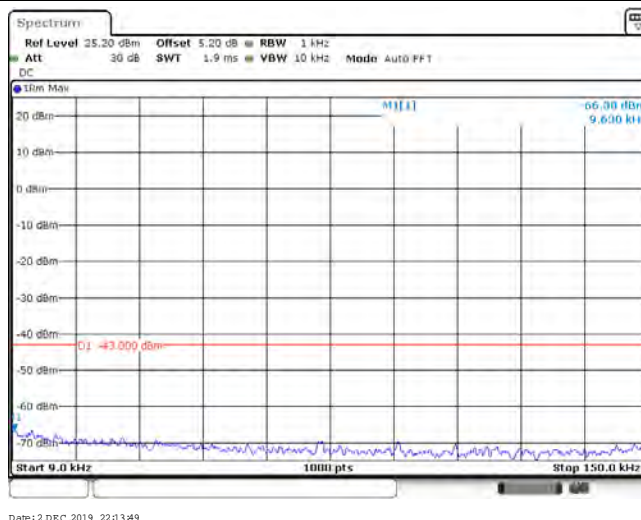
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Band V_4132

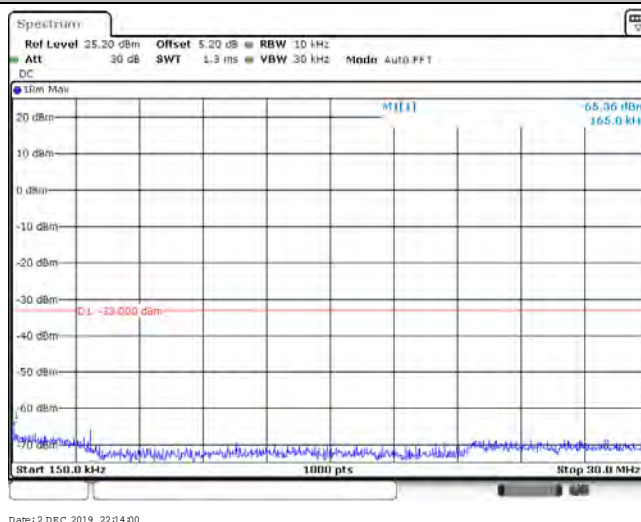


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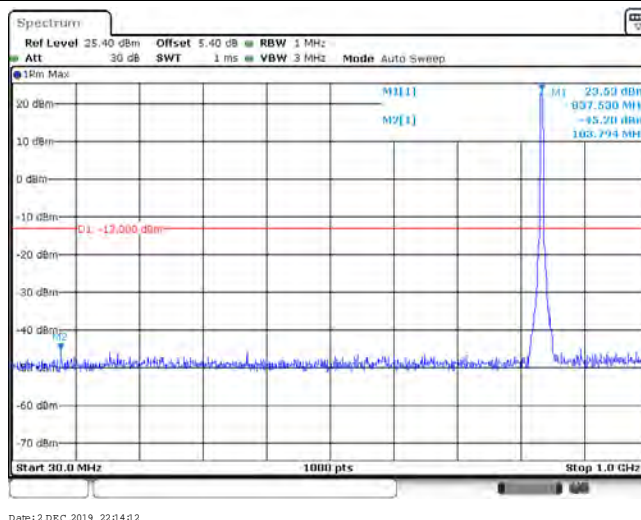


Band V_4182

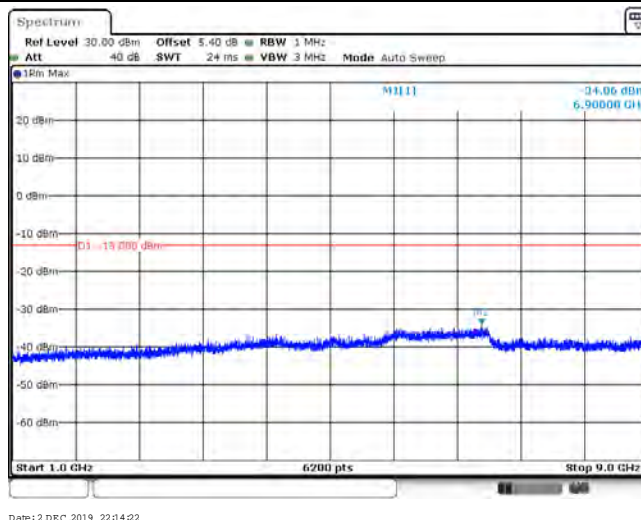


Band V_4182



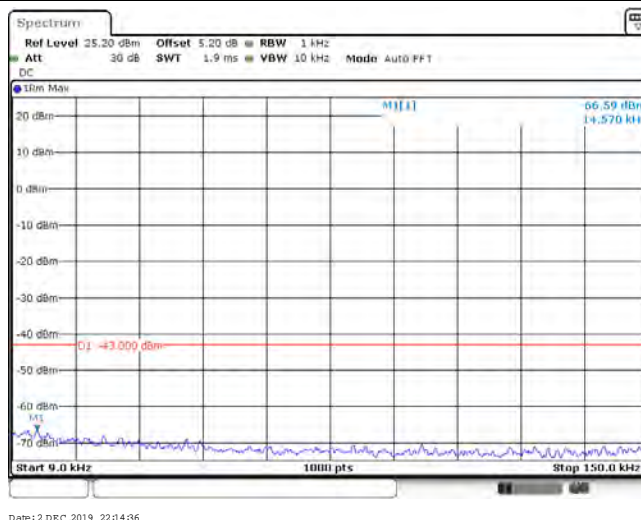


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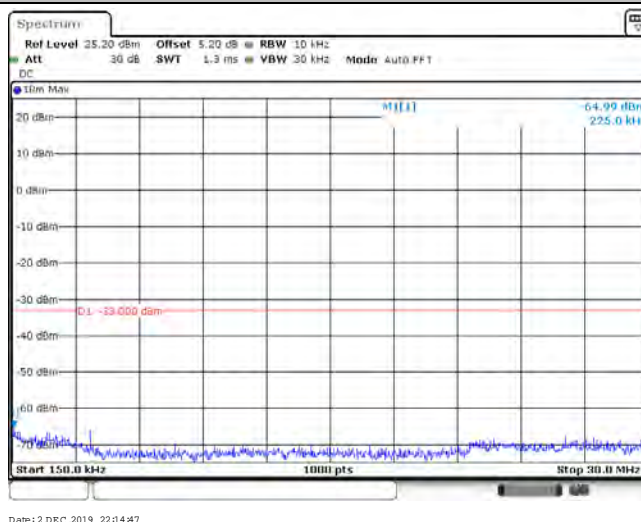


Band V_4182





Band V_4233

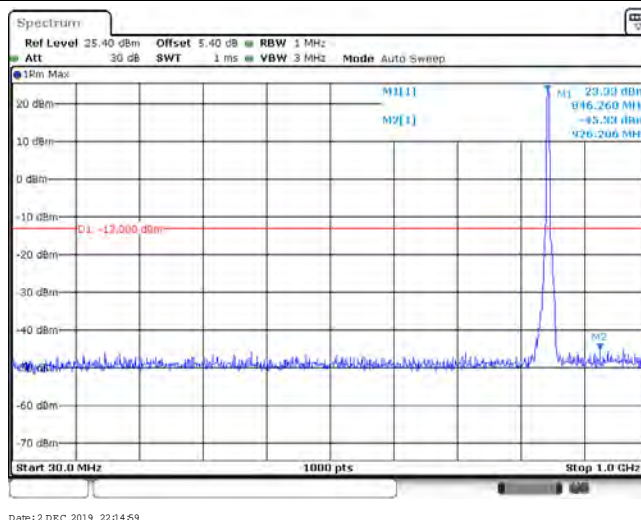


Band V_4233

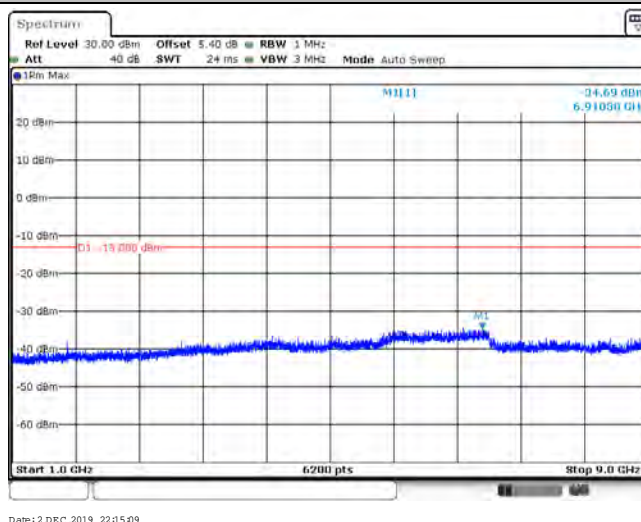


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Band V_4233



Band V_4233





7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA Band II (Main Ant)

7.1.1. Test Mode = WCDMA/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.3757	-64.35	-13.00	51.35	Vertical
775.4338	-62.48	-13.00	49.48	Vertical
2721.1442	-36.69	-13.00	23.69	Vertical
5161.0720	-58.49	-13.00	45.49	Vertical
14482.3827	-43.15	-13.00	30.15	Vertical
17994.9998	-34.64	-13.00	21.64	Vertical
41.2041	-62.37	-13.00	49.37	Horizontal
233.8072	-68.22	-13.00	55.22	Horizontal
2693.9388	-35.39	-13.00	22.39	Horizontal
7373.1458	-53.36	-13.00	40.36	Horizontal
16887.9629	-39.97	-13.00	26.97	Horizontal
17997.4999	-39.13	-13.00	26.13	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.2416	-64.19	-13.00	51.19	Vertical
755.9358	-62.58	-13.00	49.58	Vertical
2697.9396	-36.59	-13.00	23.59	Vertical
7388.1463	-53.07	-13.00	40.07	Vertical
14473.3824	-43.73	-13.00	30.73	Vertical
17984.9995	-35.18	-13.00	22.18	Vertical
48.6734	-63.84	-13.00	50.84	Horizontal
237.1539	-68.19	-13.00	55.19	Horizontal
2427.0854	-31.03	-13.00	18.03	Horizontal
7349.1450	-53.81	-13.00	40.81	Horizontal
16366.4455	-39.56	-13.00	26.56	Horizontal
17918.9973	-41.21	-13.00	28.21	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.1332	-64.74	-13.00	51.74	Vertical
809.6280	-60.63	-13.00	47.63	Vertical
2699.9400	-36.51	-13.00	23.51	Vertical
7357.1452	-53.11	-13.00	40.11	Vertical
14684.8895	-44.31	-13.00	31.31	Vertical
17904.9968	-37.01	-13.00	24.01	Vertical
41.2526	-63.39	-13.00	50.39	Horizontal
234.0497	-67.57	-13.00	54.57	Horizontal
2693.1386	-35.25	-13.00	22.25	Horizontal
7341.6447	-53.70	-13.00	40.70	Horizontal
16380.9460	-39.75	-13.00	26.75	Horizontal
17985.4995	-39.88	-13.00	26.88	Horizontal

7.2. Test Band = WCDMA Band IV (Main Ant)

7.2.1. Test Mode = WCDMA/TM1

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.7152	-64.62	-13.00	51.62	Vertical
2113.0226	-35.75	-13.00	22.75	Vertical
3423.5141	-44.53	-13.00	31.53	Vertical
7395.1465	-53.52	-13.00	40.52	Vertical
14495.8832	-44.17	-13.00	31.17	Vertical
17997.9999	-36.98	-13.00	23.98	Vertical
41.2041	-62.05	-13.00	49.05	Horizontal
2683.9368	-36.04	-13.00	23.04	Horizontal
3423.0141	-49.10	-13.00	36.10	Horizontal
4834.0611	-53.41	-13.00	40.41	Horizontal
16398.4466	-40.11	-13.00	27.11	Horizontal
17990.9997	-41.63	-13.00	28.63	Horizontal

7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.7194	-64.52	-13.00	51.52	Vertical



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2133.0266	-35.94	-13.00	22.94	Vertical
3463.5155	-50.75	-13.00	37.75	Vertical
8003.1668	-53.17	-13.00	40.17	Vertical
14478.8826	-44.39	-13.00	31.39	Vertical
17997.4999	-37.31	-13.00	24.31	Vertical
48.7219	-61.19	-13.00	48.19	Horizontal
231.8186	-67.60	-13.00	54.60	Horizontal
2693.1386	-35.65	-13.00	22.65	Horizontal
3464.0155	-54.99	-13.00	41.99	Horizontal
16397.9466	-41.28	-13.00	28.28	Horizontal
17999.5000	-41.99	-13.00	28.99	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.1146	-64.67	-13.00	51.67	Vertical
2698.7397	-36.73	-13.00	23.73	Vertical
3507.0169	-52.48	-13.00	39.48	Vertical
7354.6452	-53.44	-13.00	40.44	Vertical
14492.3831	-44.07	-13.00	31.07	Vertical
17998.5000	-37.42	-13.00	24.42	Vertical
41.2526	-61.30	-13.00	48.30	Horizontal
236.9598	-68.41	-13.00	55.41	Horizontal
2699.1398	-35.64	-13.00	22.64	Horizontal
3503.5168	-56.79	-13.00	43.79	Horizontal
7359.1453	-53.56	-13.00	40.56	Horizontal
16387.4462	-41.08	-13.00	28.08	Horizontal

7.3. Test Band = WCDMA Band V (Main Ant)

7.3.1. Test Mode = WCDMA/TM1

7.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.1745	-65.06	-13.00	52.06	Vertical
1654.5309	-55.14	-13.00	42.14	Vertical
3000.0000	-55.75	-13.00	42.75	Vertical
7372.1457	-53.79	-13.00	40.79	Vertical
14520.8840	-44.95	-13.00	31.95	Vertical



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17989.4997	-37.54	-13.00	24.54	Vertical
41.2041	-61.06	-13.00	48.06	Horizontal
1654.1308	-51.20	-13.00	38.20	Horizontal
2577.5155	-49.17	-13.00	36.17	Horizontal
7371.1457	-54.11	-13.00	41.11	Horizontal
16394.4465	-41.18	-13.00	28.18	Horizontal
17997.4999	-41.92	-13.00	28.92	Horizontal

7.3.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.7523	-65.56	-13.00	52.56	Vertical
1674.5349	-54.00	-13.00	41.00	Vertical
2992.7986	-55.75	-13.00	42.75	Vertical
7362.1454	-53.73	-13.00	40.73	Vertical
14686.3895	-45.63	-13.00	32.63	Vertical
17997.4999	-38.31	-13.00	25.31	Vertical
48.6734	-62.64	-13.00	49.64	Horizontal
240.5490	-68.79	-13.00	55.79	Horizontal
1674.5349	-51.88	-13.00	38.88	Horizontal
2464.6929	-52.18	-13.00	39.18	Horizontal
16398.4466	-41.95	-13.00	28.95	Horizontal
17996.9999	-42.62	-13.00	29.62	Horizontal

7.3.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.8122	-65.24	-13.00	52.24	Vertical
1691.3383	-53.41	-13.00	40.41	Vertical
3000.0000	-55.77	-13.00	42.77	Vertical
7332.6444	-53.77	-13.00	40.77	Vertical
14489.8830	-44.98	-13.00	31.98	Vertical
17995.4999	-38.23	-13.00	25.23	Vertical
41.2041	-61.01	-13.00	48.01	Horizontal
1256.4513	-63.36	-13.00	50.36	Horizontal
1973.3947	-55.74	-13.00	42.74	Horizontal
3000.0000	-55.85	-13.00	42.85	Horizontal
7362.6454	-54.61	-13.00	41.61	Horizontal
16392.9464	-42.21	-13.00	29.21	Horizontal



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7.4. Test Band = WCDMA Band II (Second Ant)

7.4.1. Test Mode = WCDMA/TM1

7.4.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
116.7708	-65.94	-13.00	52.94	Vertical
752.0556	-62.17	-13.00	49.17	Vertical
2706.7413	-36.97	-13.00	23.97	Vertical
7343.6448	-53.61	-13.00	40.61	Vertical
14469.3823	-43.84	-13.00	30.84	Vertical
17986.9996	-36.43	-13.00	23.43	Vertical
41.2526	-61.96	-13.00	48.96	Horizontal
241.0826	-67.05	-13.00	54.05	Horizontal
2707.5415	-35.66	-13.00	22.66	Horizontal
7348.1449	-53.92	-13.00	40.92	Horizontal
16379.4460	-40.48	-13.00	27.48	Horizontal
17917.9973	-42.22	-13.00	29.22	Horizontal

7.4.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.0961	-65.16	-13.00	52.16	Vertical
842.0276	-60.33	-13.00	47.33	Vertical
2703.5407	-36.92	-13.00	23.92	Vertical
7354.1451	-53.53	-13.00	40.53	Vertical
14441.8814	-44.80	-13.00	31.80	Vertical
17996.4999	-38.04	-13.00	25.04	Vertical
45.3268	-64.23	-13.00	51.23	Horizontal
729.3565	-62.39	-13.00	49.39	Horizontal
2693.5387	-35.73	-13.00	22.73	Horizontal
7344.6448	-54.10	-13.00	41.10	Horizontal
16399.9467	-40.89	-13.00	27.89	Horizontal
17999.0000	-41.89	-13.00	28.89	Horizontal

7.4.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.8649	-65.12	-13.00	52.12	Vertical



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765.7333	-62.64	-13.00	49.64	Vertical
2702.3405	-36.84	-13.00	23.84	Vertical
7349.1450	-53.60	-13.00	40.60	Vertical
14509.8837	-45.27	-13.00	32.27	Vertical
17998.5000	-39.41	-13.00	26.41	Vertical
48.7704	-62.56	-13.00	49.56	Horizontal
745.6533	-61.68	-13.00	48.68	Horizontal
2700.3401	-35.67	-13.00	22.67	Horizontal
7340.6447	-54.36	-13.00	41.36	Horizontal
16398.9466	-42.27	-13.00	29.27	Horizontal
17984.9995	-44.00	-13.00	31.00	Horizontal

7.5. Test Band = WCDMA Band IV (Second Ant)

7.5.1. Test Mode = WCDMA/TM1

7.5.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.6110	-65.13	-13.00	52.13	Vertical
2700.7401	-36.90	-13.00	23.90	Vertical
3423.0141	-45.07	-13.00	32.07	Vertical
7366.6456	-53.67	-13.00	40.67	Vertical
14444.8815	-45.40	-13.00	32.40	Vertical
17991.9997	-39.34	-13.00	26.34	Vertical
48.7704	-60.21	-13.00	47.21	Horizontal
769.0800	-62.40	-13.00	49.40	Horizontal
2699.5399	-35.85	-13.00	22.85	Horizontal
3426.0142	-50.65	-13.00	37.65	Horizontal
7889.1630	-54.53	-13.00	41.53	Horizontal
16399.4466	-42.99	-13.00	29.99	Horizontal

7.5.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.3871	-65.42	-13.00	52.42	Vertical
2132.6265	-36.16	-13.00	23.16	Vertical
3463.5155	-51.14	-13.00	38.14	Vertical
7334.1445	-53.82	-13.00	40.82	Vertical
14493.8831	-45.41	-13.00	32.41	Vertical



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17999.0000	-39.17	-13.00	26.17	Vertical
41.2041	-61.44	-13.00	48.44	Horizontal
757.4394	-61.89	-13.00	48.89	Horizontal
2694.7389	-35.77	-13.00	22.77	Horizontal
3464.0155	-55.45	-13.00	42.45	Horizontal
16381.4460	-42.62	-13.00	29.62	Horizontal
17995.9999	-44.15	-13.00	31.15	Horizontal

7.5.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.8607	-64.00	-13.00	51.00	Vertical
2703.9408	-36.86	-13.00	23.86	Vertical
3507.0169	-53.13	-13.00	40.13	Vertical
7363.1454	-53.70	-13.00	40.70	Vertical
14483.3828	-45.67	-13.00	32.67	Vertical
17994.9998	-39.69	-13.00	26.69	Vertical
48.7219	-62.62	-13.00	49.62	Horizontal
849.5455	-60.40	-13.00	47.40	Horizontal
2698.3397	-35.76	-13.00	22.76	Horizontal
3503.0168	-53.82	-13.00	40.82	Horizontal
7353.1451	-54.63	-13.00	41.63	Horizontal
16380.9460	-42.61	-13.00	29.61	Horizontal

7.6. Test Band = WCDMA Band V (Second Ant)

7.6.1. Test Mode = WCDMA/TM1

7.6.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.4284	-64.53	-13.00	51.53	Vertical
1654.5309	-55.90	-13.00	42.90	Vertical
2711.9424	-57.17	-13.00	44.17	Vertical
7353.6451	-53.83	-13.00	40.83	Vertical
14463.8821	-45.40	-13.00	32.40	Vertical
17999.5000	-40.02	-13.00	27.02	Vertical
41.5921	-64.17	-13.00	51.17	Horizontal
228.9084	-67.20	-13.00	54.20	Horizontal
1654.1308	-53.11	-13.00	40.11	Horizontal



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2500.7001	-55.86	-13.00	42.86	Horizontal
16382.4461	-42.54	-13.00	29.54	Horizontal
17993.4998	-44.35	-13.00	31.35	Horizontal

7.6.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.1859	-65.18	-13.00	52.18	Vertical
1674.5349	-54.71	-13.00	41.71	Vertical
2936.7874	-56.84	-13.00	43.84	Vertical
7374.6458	-53.82	-13.00	40.82	Vertical
14485.8829	-45.94	-13.00	32.94	Vertical
17994.9998	-39.86	-13.00	26.86	Vertical
48.7704	-60.79	-13.00	47.79	Horizontal
237.2994	-68.71	-13.00	55.71	Horizontal
1674.5349	-53.53	-13.00	40.53	Horizontal
2502.7005	-56.20	-13.00	43.20	Horizontal
16382.9461	-43.31	-13.00	30.31	Horizontal
17999.0000	-44.34	-13.00	31.34	Horizontal

7.6.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.4056	-65.60	-13.00	52.60	Vertical
1691.3383	-54.53	-13.00	41.53	Vertical
2403.8808	-56.97	-13.00	43.97	Vertical
7252.6418	-55.61	-13.00	42.61	Vertical
14457.8819	-46.13	-13.00	33.13	Vertical
17996.9999	-40.74	-13.00	27.74	Vertical
41.2526	-63.82	-13.00	50.82	Horizontal
240.3550	-68.08	-13.00	55.08	Horizontal
1691.3383	-53.73	-13.00	40.73	Horizontal
2479.4959	-57.81	-13.00	44.81	Horizontal
7363.6455	-54.60	-13.00	41.60	Horizontal
16397.4466	-43.53	-13.00	30.53	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 (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	TN	-10.30	-0.005560	±2.5	PASS
Band II	9262	VN	TN	-3.50	-0.001888	±2.5	PASS
Band II	9262	VH	TN	-8.93	-0.004819	±2.5	PASS
Band II	9400	VL	TN	-9.88	-0.005258	±2.5	PASS
Band II	9400	VN	TN	-9.91	-0.005269	±2.5	PASS
Band II	9400	VH	TN	-8.96	-0.004763	±2.5	PASS
Band II	9538	VL	TN	-8.88	-0.004657	±2.5	PASS
Band II	9538	VN	TN	-9.87	-0.005174	±2.5	PASS
Band II	9538	VH	TN	-9.72	-0.005096	±2.5	PASS
Band IV	1312	VL	TN	-15.87	-0.009269	±2.5	PASS
Band IV	1312	VN	TN	-13.07	-0.007631	±2.5	PASS
Band IV	1312	VH	TN	-17.85	-0.010426	±2.5	PASS
Band IV	1413	VL	TN	-3.35	-0.001932	±2.5	PASS
Band IV	1413	VN	TN	-7.75	-0.004471	±2.5	PASS
Band IV	1413	VH	TN	-10.99	-0.006345	±2.5	PASS
Band IV	1513	VL	TN	-9.35	-0.005334	±2.5	PASS
Band IV	1513	VN	TN	-8.75	-0.004991	±2.5	PASS
Band IV	1513	VH	TN	-2.59	-0.001477	±2.5	PASS
Band V	4132	VL	TN	-9.18	-0.011113	±2.5	PASS
Band V	4132	VN	TN	-6.12	-0.007400	±2.5	PASS
Band V	4132	VH	TN	-8.71	-0.010542	±2.5	PASS
Band V	4182	VL	TN	-13.67	-0.016342	±2.5	PASS
Band V	4182	VN	TN	-12.39	-0.014811	±2.5	PASS
Band V	4182	VH	TN	-12.68	-0.015162	±2.5	PASS
Band V	4233	VL	TN	-9.47	-0.011186	±2.5	PASS
Band V	4233	VN	TN	-8.85	-0.010459	±2.5	PASS
Band V	4233	VH	TN	-7.04	-0.008313	±2.5	PASS



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8.2. Frequency Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VN	-30	-4.15	-0.002240	±2.5	PASS
Band II	9262	VN	-20	-6.70	-0.003618	±2.5	PASS
Band II	9262	VN	-10	-6.17	-0.003332	±2.5	PASS
Band II	9262	VN	0	-13.75	-0.007421	±2.5	PASS
Band II	9262	VN	10	-12.85	-0.006935	±2.5	PASS
Band II	9262	VN	20	-14.15	-0.007641	±2.5	PASS
Band II	9262	VN	30	-15.56	-0.008398	±2.5	PASS
Band II	9262	VN	40	-13.37	-0.007217	±2.5	PASS
Band II	9262	VN	50	-9.74	-0.005259	±2.5	PASS
Band II	9400	VN	-30	-7.95	-0.004227	±2.5	PASS
Band II	9400	VN	-20	-8.42	-0.004478	±2.5	PASS
Band II	9400	VN	-10	-6.52	-0.003470	±2.5	PASS
Band II	9400	VN	0	-8.84	-0.004702	±2.5	PASS
Band II	9400	VN	10	-11.58	-0.006160	±2.5	PASS
Band II	9400	VN	20	-13.10	-0.006966	±2.5	PASS
Band II	9400	VN	30	-5.14	-0.002732	±2.5	PASS
Band II	9400	VN	40	-8.87	-0.004718	±2.5	PASS
Band II	9400	VN	50	-6.13	-0.003261	±2.5	PASS
Band II	9538	VN	-30	-8.42	-0.004413	±2.5	PASS
Band II	9538	VN	-20	-6.50	-0.003408	±2.5	PASS
Band II	9538	VN	-10	-8.35	-0.004379	±2.5	PASS
Band II	9538	VN	0	-8.12	-0.004256	±2.5	PASS
Band II	9538	VN	10	-5.31	-0.002782	±2.5	PASS
Band II	9538	VN	20	-9.17	-0.004807	±2.5	PASS
Band II	9538	VN	30	-11.11	-0.005823	±2.5	PASS
Band II	9538	VN	40	-6.49	-0.003405	±2.5	PASS
Band II	9538	VN	50	-11.30	-0.005924	±2.5	PASS
Band IV	1312	VN	-30	-13.64	-0.007965	±2.5	PASS
Band IV	1312	VN	-20	-10.56	-0.006169	±2.5	PASS
Band IV	1312	VN	-10	-12.42	-0.007255	±2.5	PASS
Band IV	1312	VN	0	-9.91	-0.005785	±2.5	PASS
Band IV	1312	VN	10	-12.74	-0.007439	±2.5	PASS
Band IV	1312	VN	20	-11.68	-0.006821	±2.5	PASS



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Band IV	1312	VN	30	-14.89	-0.008696	±2.5	PASS
Band IV	1312	VN	40	-12.50	-0.007297	±2.5	PASS
Band IV	1312	VN	50	-15.29	-0.008930	±2.5	PASS
Band IV	1413	VN	-30	-7.44	-0.004293	±2.5	PASS
Band IV	1413	VN	-20	-6.84	-0.003951	±2.5	PASS
Band IV	1413	VN	-10	-11.54	-0.006659	±2.5	PASS
Band IV	1413	VN	0	-5.56	-0.003208	±2.5	PASS
Band IV	1413	VN	10	-3.80	-0.002192	±2.5	PASS
Band IV	1413	VN	20	-8.77	-0.005061	±2.5	PASS
Band IV	1413	VN	30	-14.71	-0.008488	±2.5	PASS
Band IV	1413	VN	40	-7.45	-0.004302	±2.5	PASS
Band IV	1413	VN	50	-7.47	-0.004314	±2.5	PASS
Band IV	1513	VN	-30	-8.47	-0.004832	±2.5	PASS
Band IV	1513	VN	-20	-10.12	-0.005775	±2.5	PASS
Band IV	1513	VN	-10	-11.21	-0.006395	±2.5	PASS
Band IV	1513	VN	0	-7.55	-0.004310	±2.5	PASS
Band IV	1513	VN	10	-10.36	-0.005909	±2.5	PASS
Band IV	1513	VN	20	-9.48	-0.005407	±2.5	PASS
Band IV	1513	VN	30	-5.11	-0.002918	±2.5	PASS
Band IV	1513	VN	40	-5.18	-0.002955	±2.5	PASS
Band IV	1513	VN	50	-5.17	-0.002951	±2.5	PASS
Band V	4132	VN	-30	-7.73	-0.009356	±2.5	PASS
Band V	4132	VN	-20	-4.38	-0.005306	±2.5	PASS
Band V	4132	VN	-10	-5.82	-0.007037	±2.5	PASS
Band V	4132	VN	0	-7.50	-0.009071	±2.5	PASS
Band V	4132	VN	10	-7.50	-0.009079	±2.5	PASS
Band V	4132	VN	20	-7.95	-0.009616	±2.5	PASS
Band V	4132	VN	30	-9.23	-0.011165	±2.5	PASS
Band V	4132	VN	40	-5.01	-0.006067	±2.5	PASS
Band V	4132	VN	50	-6.97	-0.008430	±2.5	PASS
Band V	4182	VN	-30	-6.42	-0.007671	±2.5	PASS
Band V	4182	VN	-20	-8.36	-0.009997	±2.5	PASS
Band V	4182	VN	-10	-11.64	-0.013922	±2.5	PASS
Band V	4182	VN	0	-12.49	-0.014931	±2.5	PASS
Band V	4182	VN	10	-13.94	-0.016667	±2.5	PASS
Band V	4182	VN	20	-4.21	-0.005028	±2.5	PASS
Band V	4182	VN	30	-4.95	-0.005918	±2.5	PASS
Band V	4182	VN	40	-4.77	-0.005704	±2.5	PASS



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Band V	4182	VN	50	-3.23	-0.003865	±2.5	PASS
Band V	4233	VN	-30	-4.44	-0.005247	±2.5	PASS
Band V	4233	VN	-20	-4.33	-0.005120	±2.5	PASS
Band V	4233	VN	-10	-1.80	-0.002121	±2.5	PASS
Band V	4233	VN	0	-6.16	-0.007274	±2.5	PASS
Band V	4233	VN	10	-10.56	-0.012470	±2.5	PASS
Band V	4233	VN	20	-9.48	-0.011194	±2.5	PASS
Band V	4233	VN	30	-7.10	-0.008389	±2.5	PASS
Band V	4233	VN	40	-6.58	-0.007773	±2.5	PASS
Band V	4233	VN	50	-5.87	-0.006936	±2.5	PASS

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