



Appendix B

WCDMA Band II & V



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Modulation	Channel	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band II	QPSK	9262	23.30	22.60	33.00	PASS
Band II	QPSK	9400	23.28	22.58	33.00	PASS
Band II	QPSK	9538	23.27	22.57	33.00	PASS
Band II	16QAM	9262	20.22	19.52	33.00	PASS
Band II	16QAM	9400	20.14	19.44	33.00	PASS
Band II	16QAM	9538	20.33	19.63	33.00	PASS

BAND	Modulation	Channel	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band V	QPSK	4132	23.86	21.11	38.45	PASS
Band V	QPSK	4182	23.92	21.17	38.45	PASS
Band V	QPSK	4233	23.92	21.17	38.45	PASS
Band V	16QAM	4132	20.82	18.07	38.45	PASS
Band V	16QAM	4182	20.85	18.10	38.45	PASS
Band V	16QAM	4233	20.87	18.12	38.45	PASS

Remark:

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

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

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



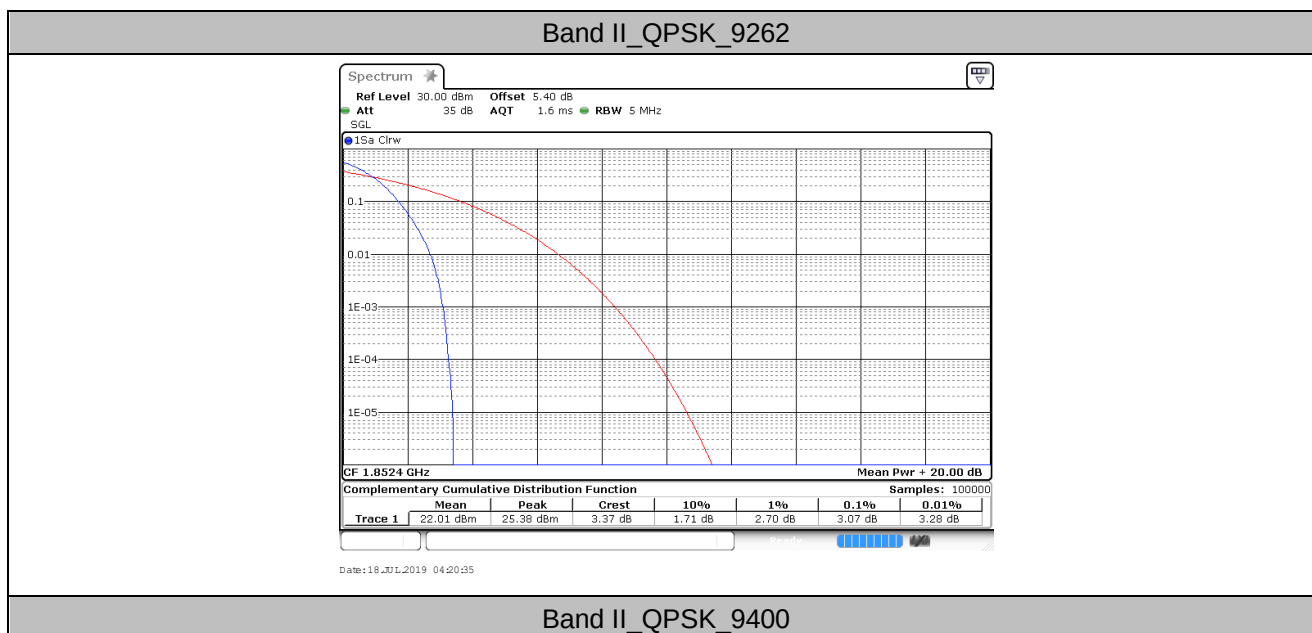


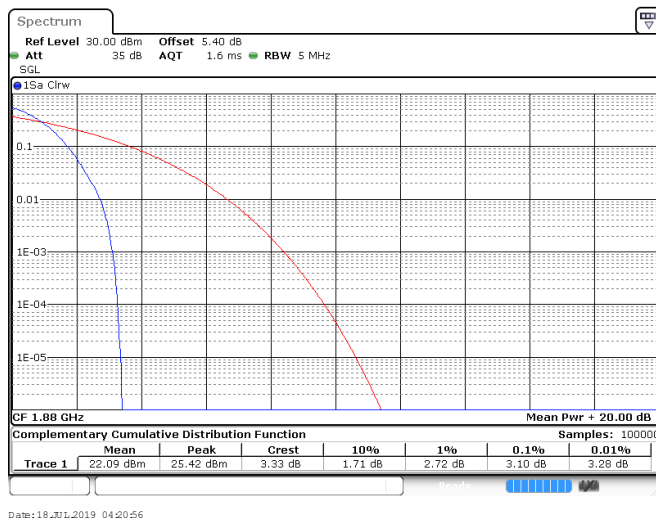
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

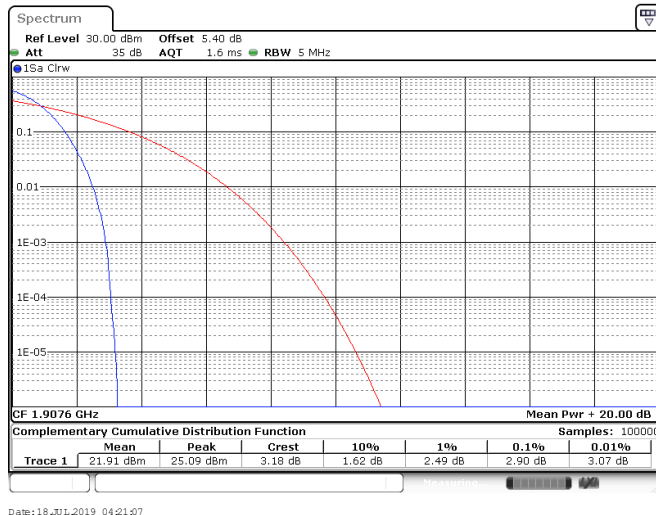
BAND	Modulation	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band II	QPSK	9262	3.07	13	PASS
Band II	QPSK	9400	3.10	13	PASS
Band II	QPSK	9538	2.87	13	PASS
Band II	16QAM	9262	3.16	13	PASS
Band II	16QAM	9400	3.10	13	PASS
Band II	16QAM	9538	2.90	13	PASS
Band V	QPSK	4132	3.07	13	PASS
Band V	QPSK	4182	2.93	13	PASS
Band V	QPSK	4233	3.04	13	PASS
Band V	16QAM	4132	3.13	13	PASS
Band V	16QAM	4182	3.19	13	PASS
Band V	16QAM	4233	3.04	13	PASS

2.2. Test Plots



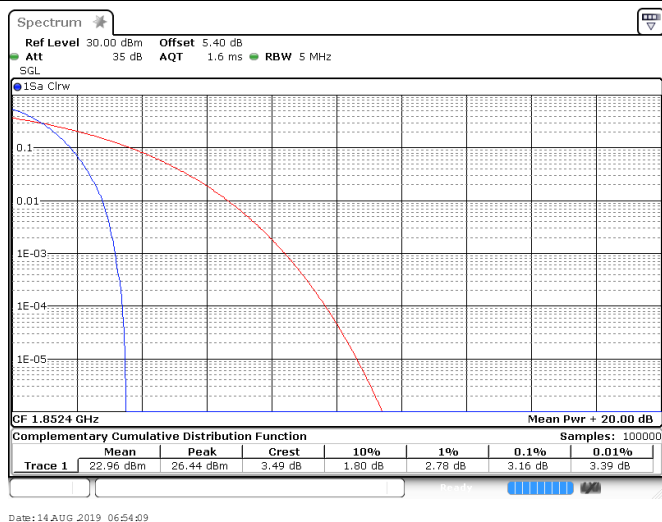


Band II_QPSK_9538



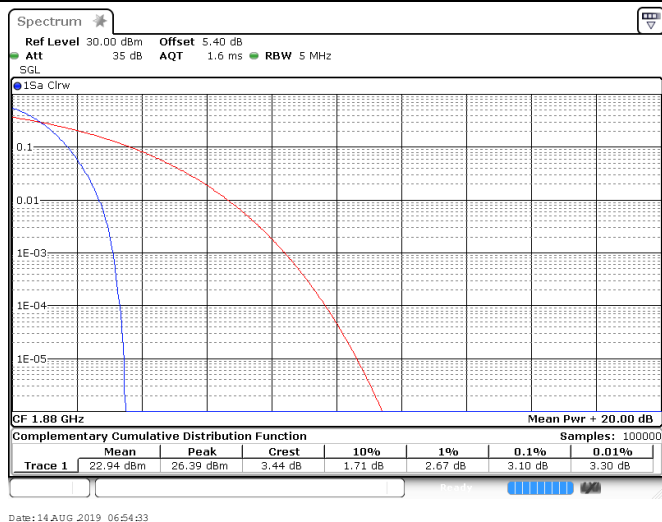
Band II_16QAM_9262





Date: 14 AUG 2019 06:54:09

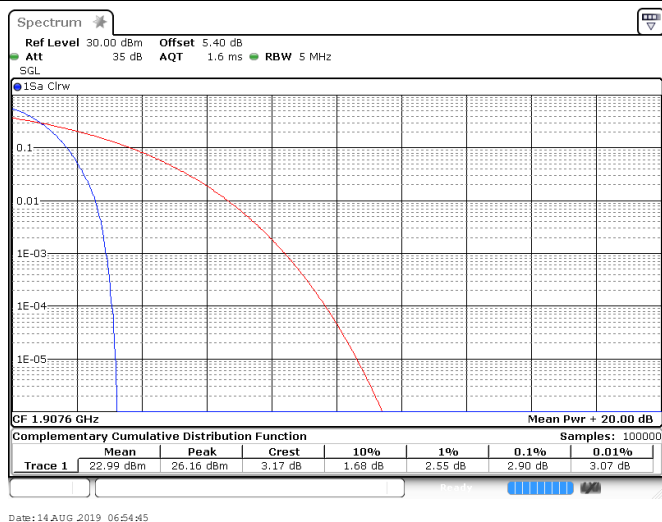
Band II_16QAM_9400



Date: 14 AUG 2019 06:54:33

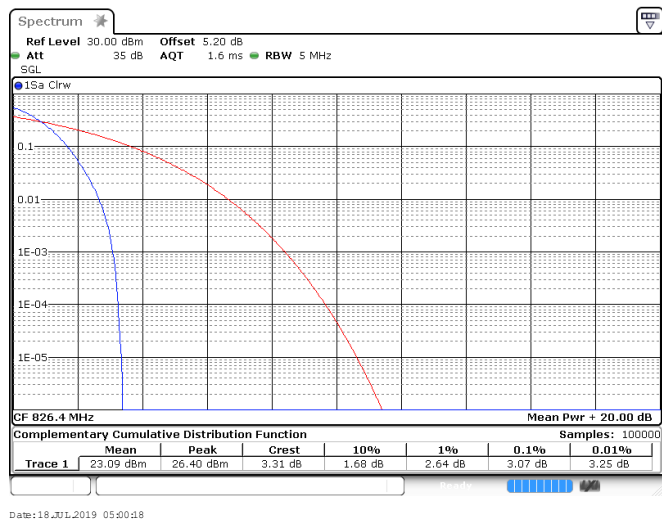
Band II_16QAM_9538





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Band V_QPSK_4132



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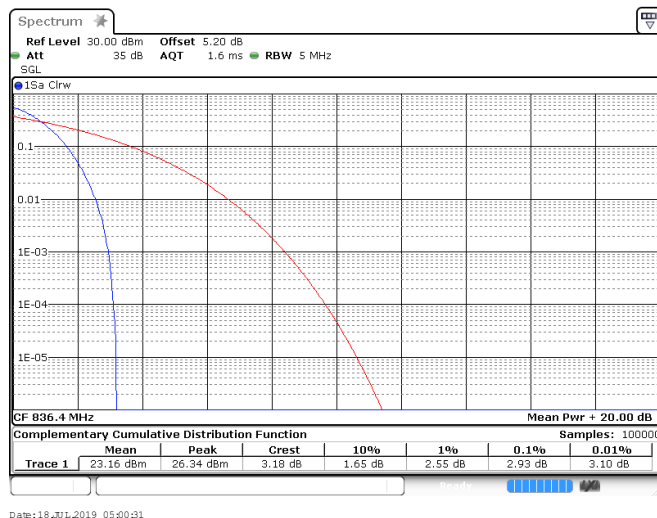
Band V_QPSK_4182



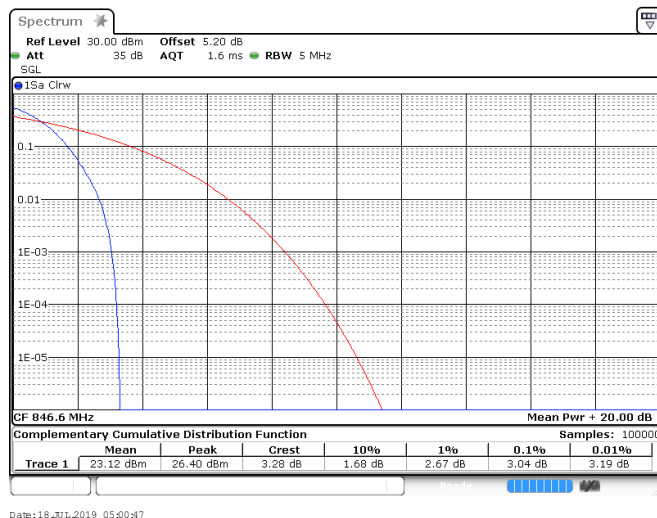
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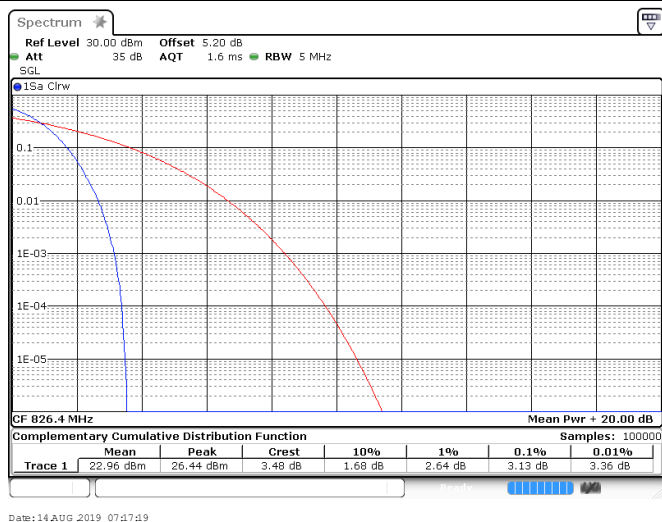


Band V_QPSK_4233



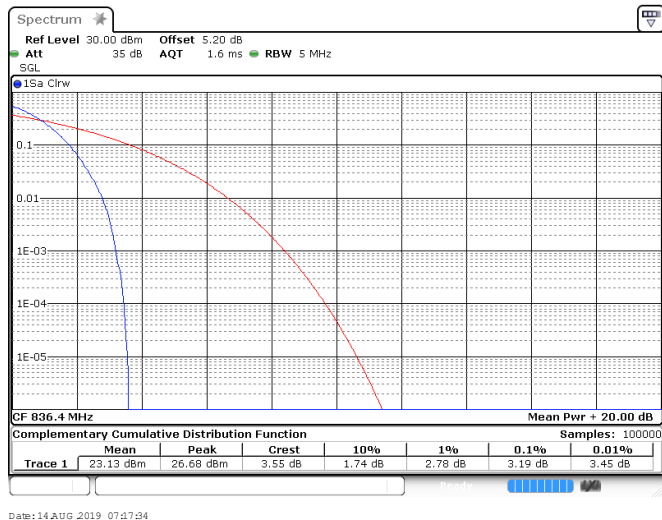
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Band V_16QAM_4182



Date: 14 AUG 2019 07:17:34

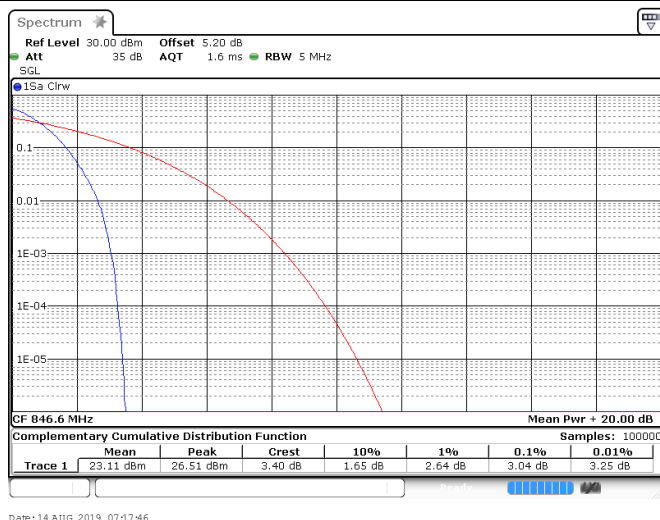
Band V_16QAM_4233



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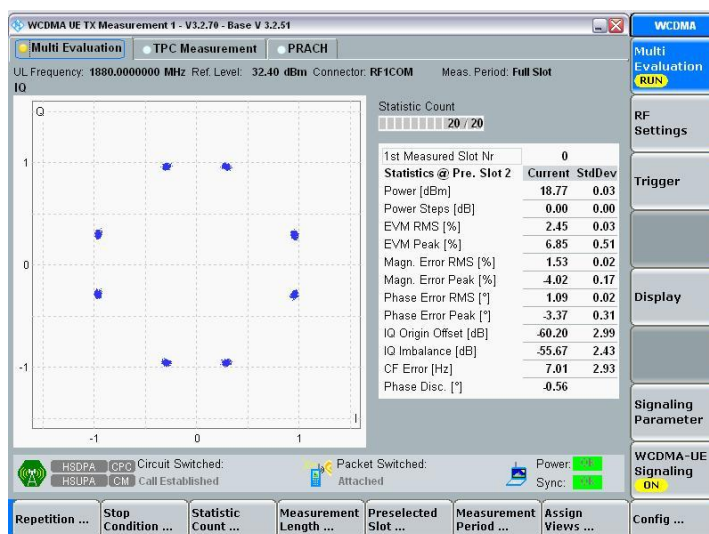


3. Modulation Characteristics

3.1. Test BAND = WCDMA Band II

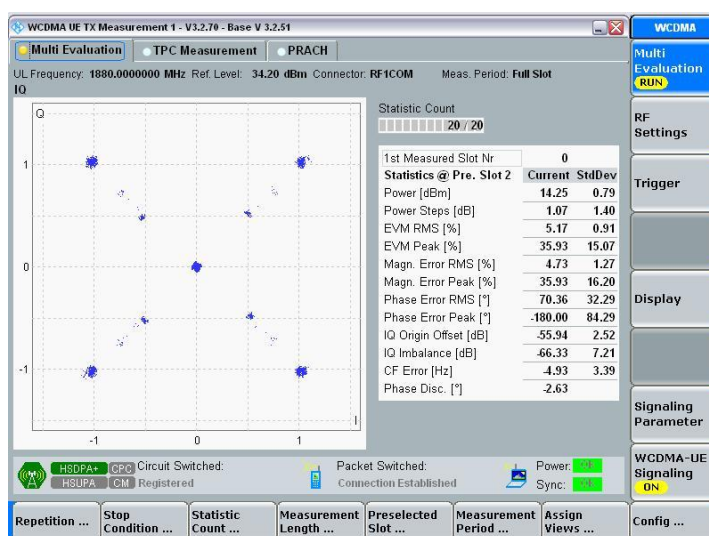
3.1.1. Test Mode = UMTS/TM1

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = UMTS/TM2

3.1.2.1. Test Channel = MCH



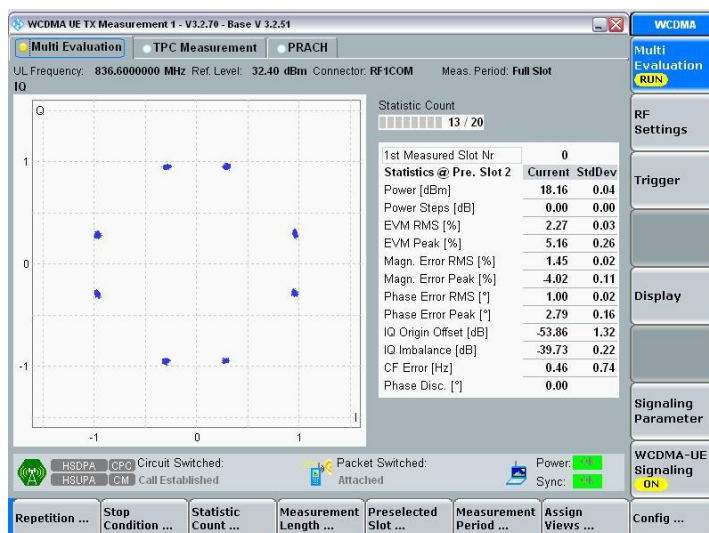
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3.2. Test BAND = WCDMA Band V

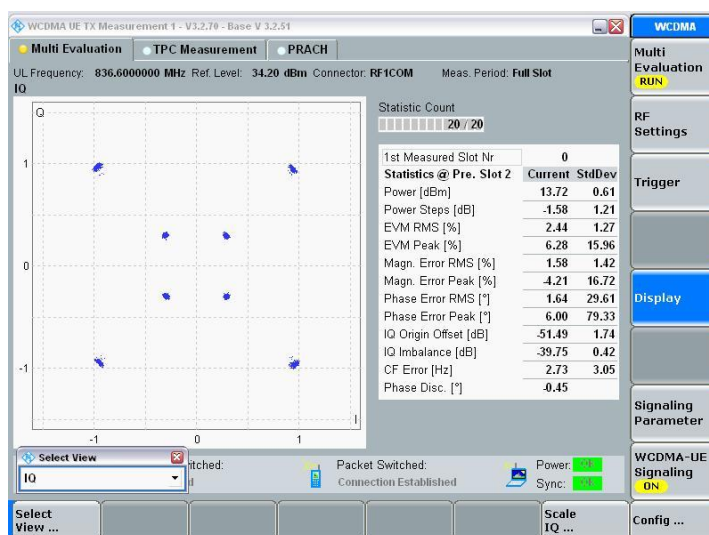
3.2.1. Test Mode = UMTS/TM1

3.2.1.1. Test Channel = MCH



3.2.2. Test Mode = UMTS/TM2

3.2.2.1. Test Channel = MCH



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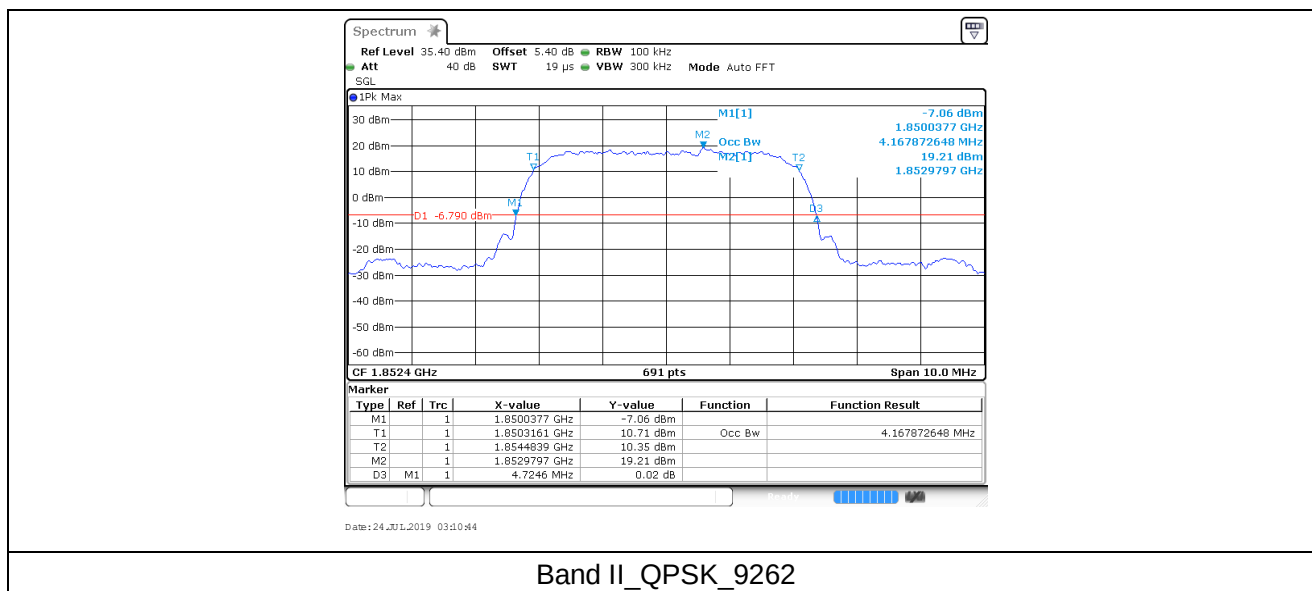


4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

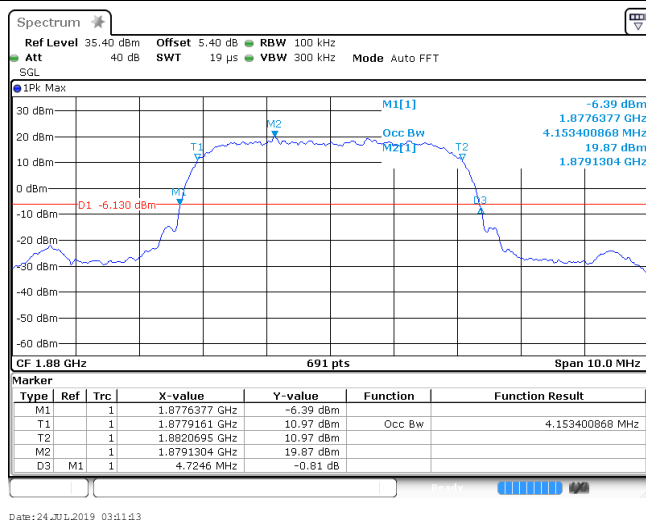
BAND	Modulation	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	QPSK	9262	4167.9	4725	---	PASS
Band II	QPSK	9400	4153.4	4725	---	PASS
Band II	QPSK	9538	4153.4	4754	---	PASS
Band II	16QAM	9262	4153.4	4725	---	PASS
Band II	16QAM	9400	4167.9	4725	---	PASS
Band II	16QAM	9538	4153.4	4725	---	PASS
Band V	QPSK	4132	4153.4	4710	---	PASS
Band V	QPSK	4182	4153.4	4725	---	PASS
Band V	QPSK	4233	4153.4	4725	---	PASS
Band V	16QAM	4132	4153.4	4725	---	PASS
Band V	16QAM	4182	4153.4	4710	---	PASS
Band V	16QAM	4233	4153.4	4710	---	PASS

4.2. Test Plots

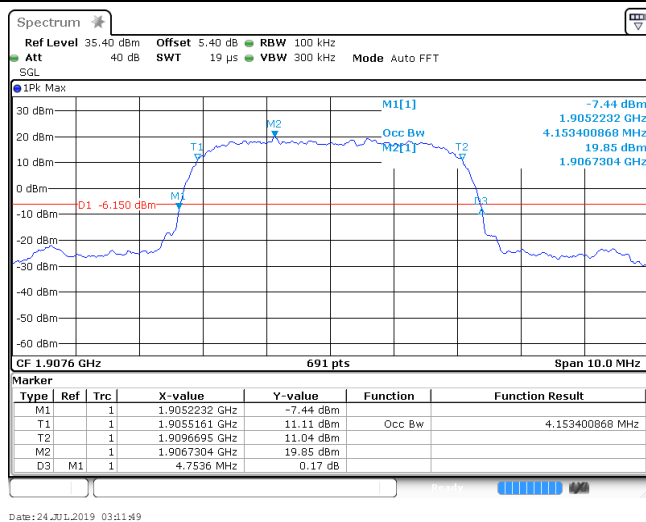


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Band II_QPSK_9400

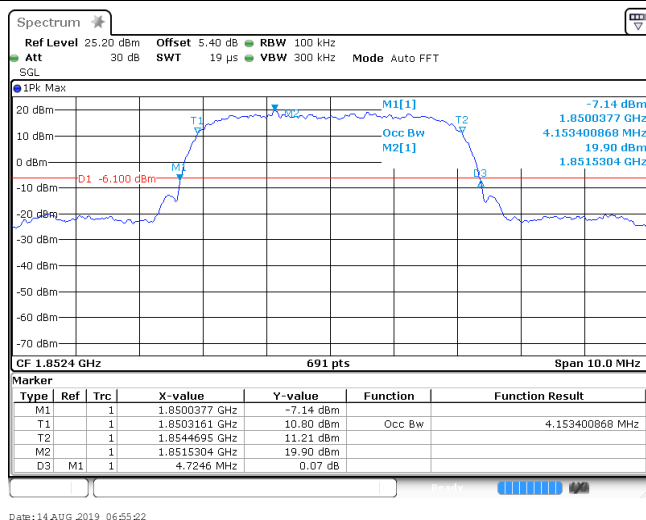


Band II_QPSK_9538



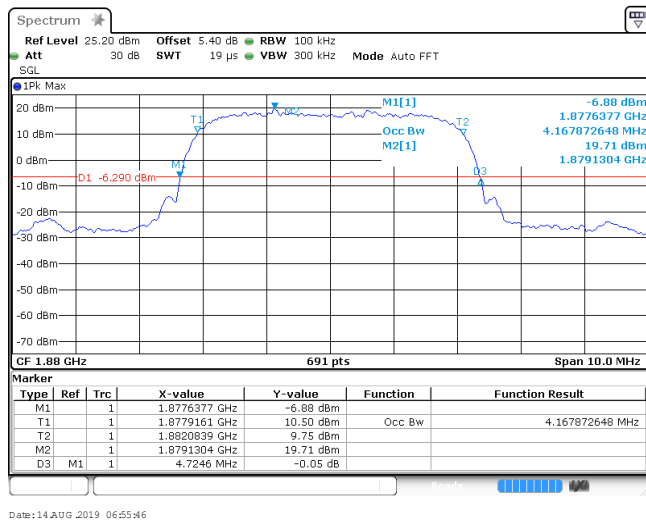
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Band II_16QAM_9262



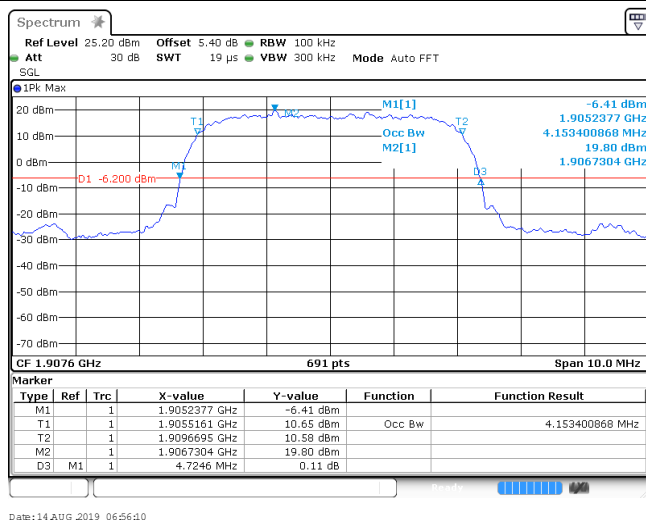
Date: 14 AUG 2019 06:55:46

Band II_16QAM_9400

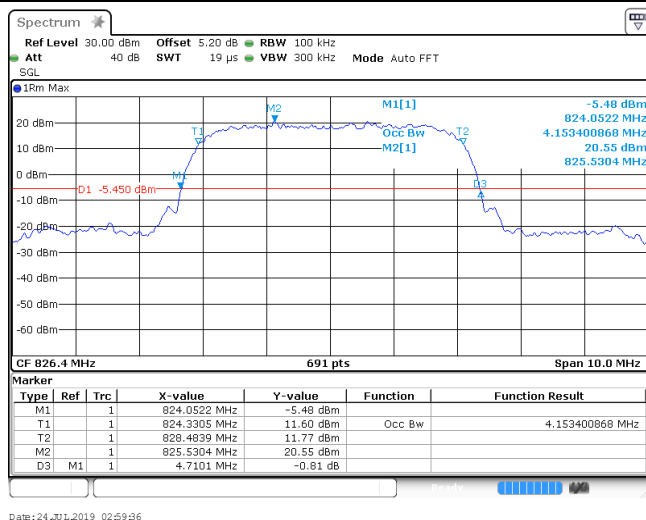


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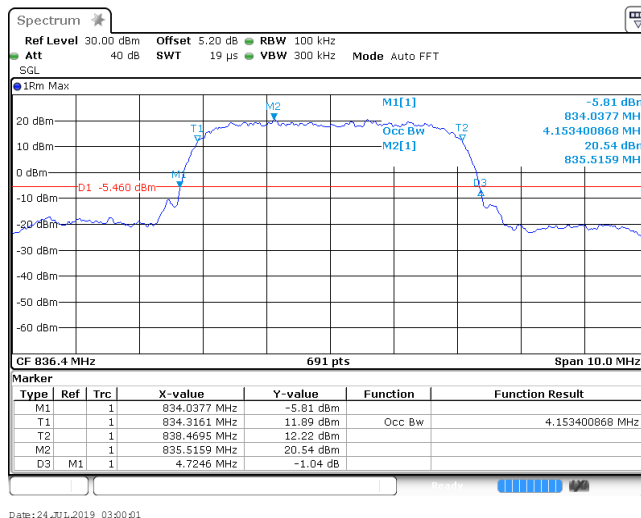


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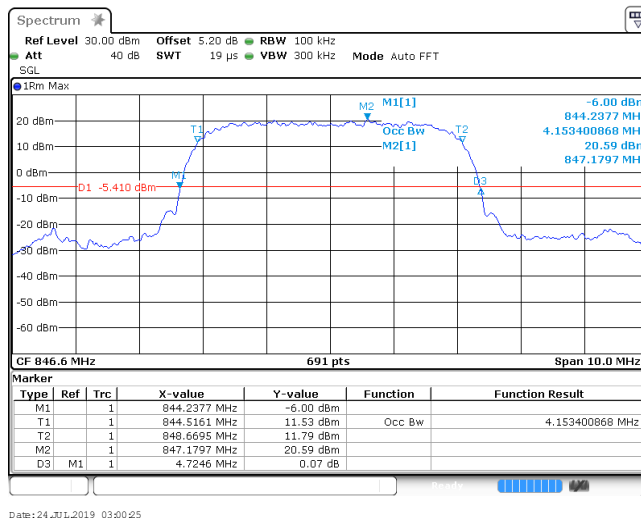


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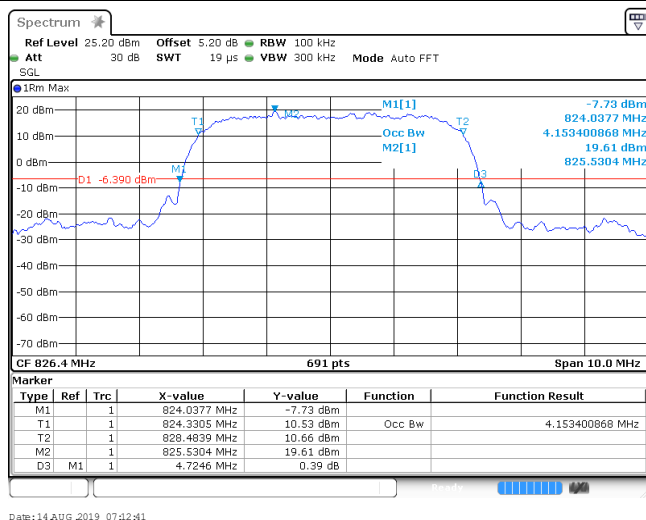


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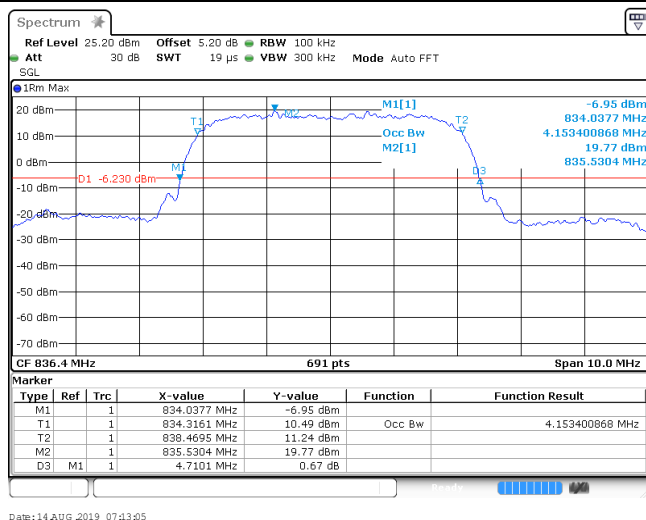


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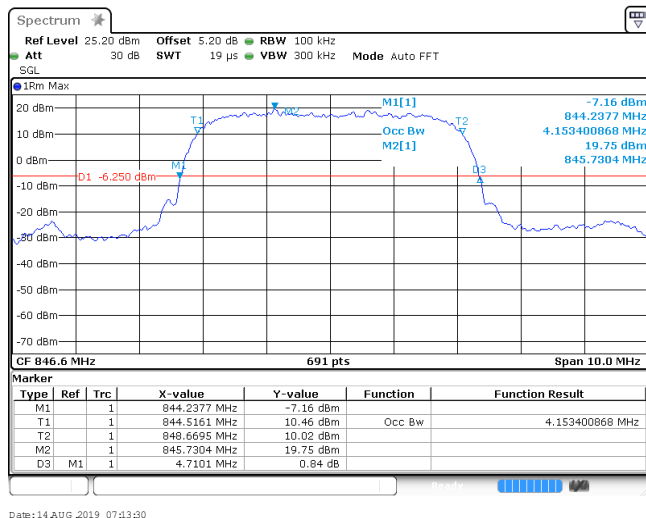


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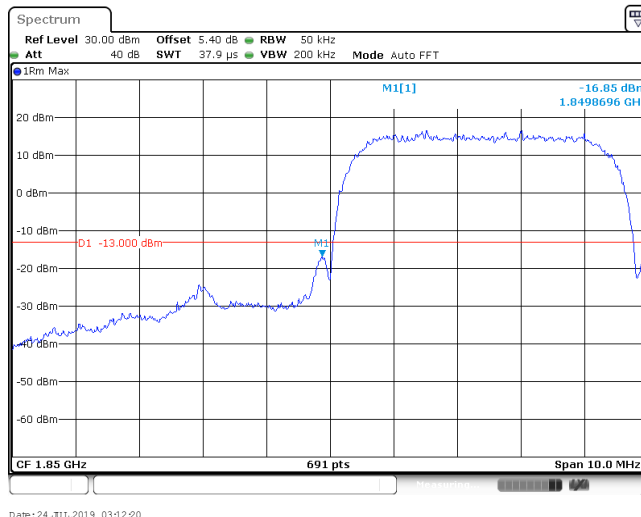


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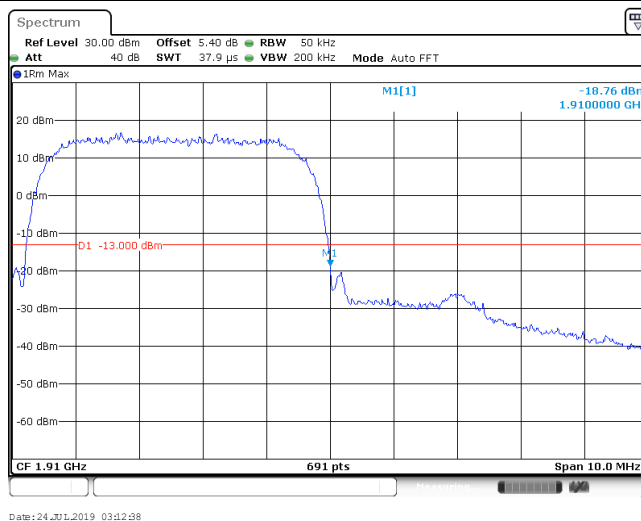


5. Band Edge Compliance

5.1. Test Plots

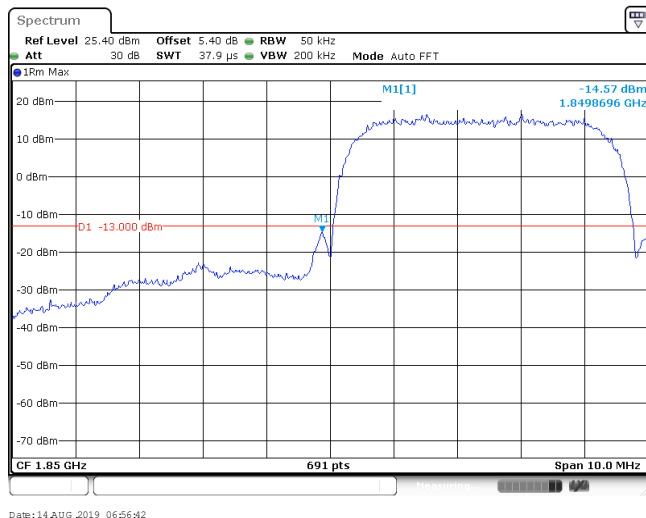


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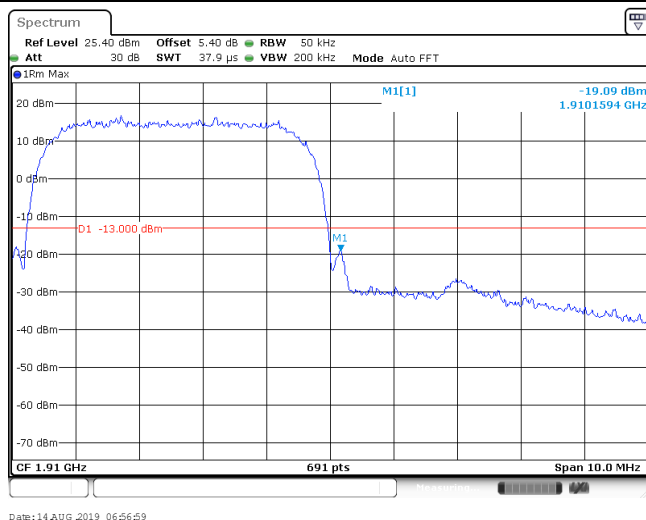


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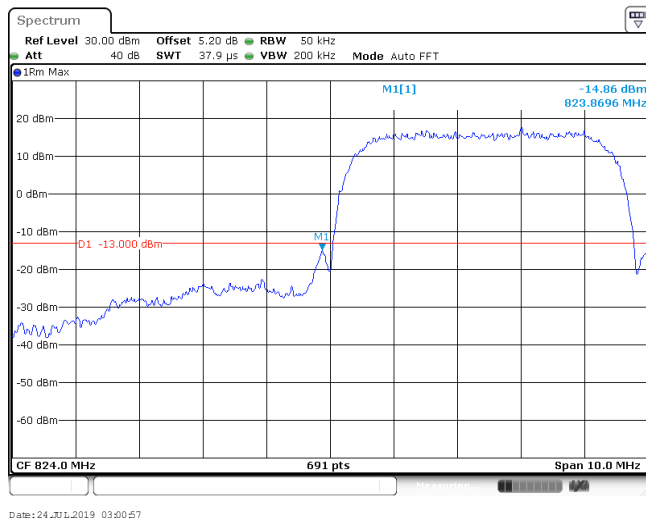


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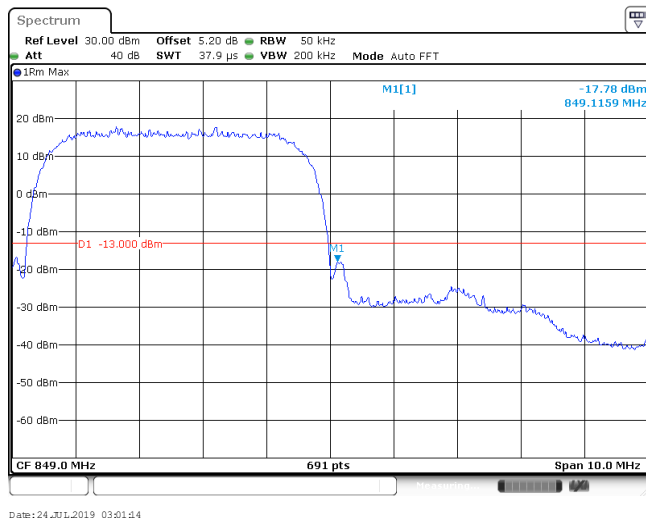


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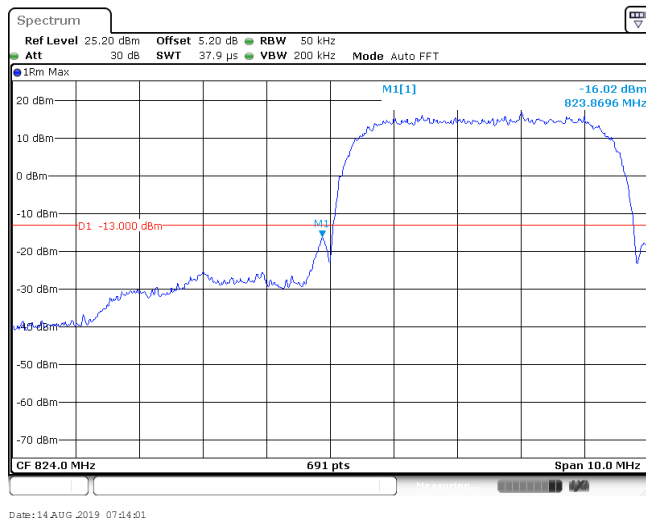


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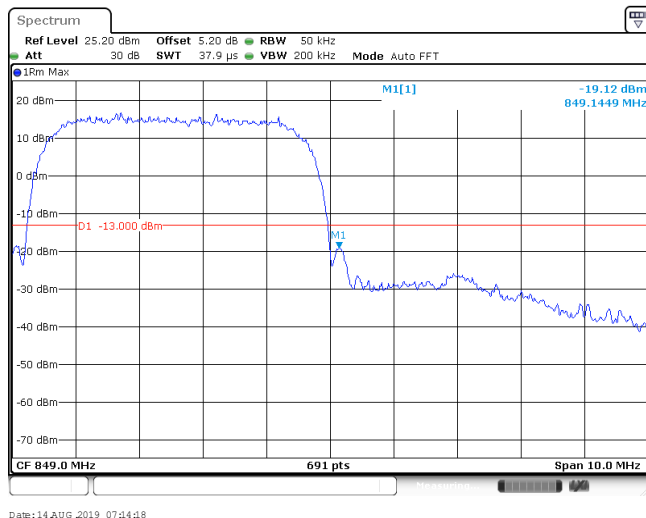


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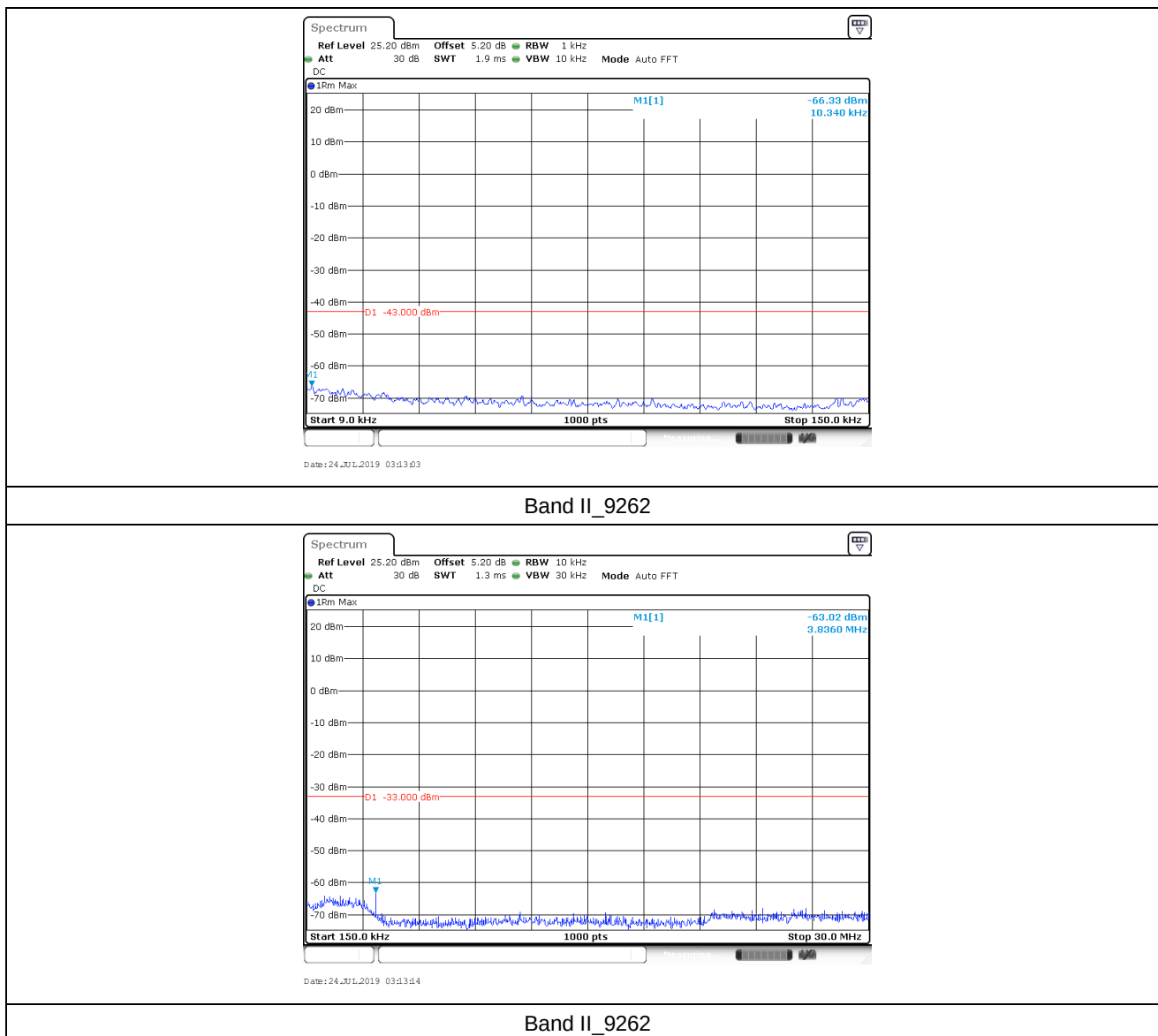


6. Spurious Emission at Antenna Terminal

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.

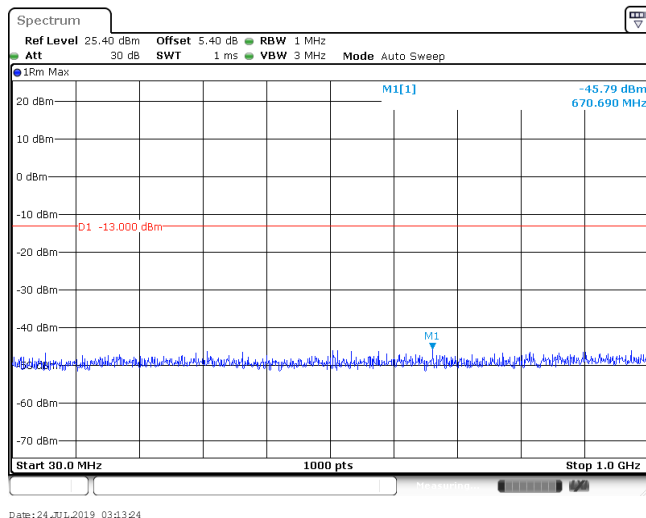
Remark2: only the worst case data displayed in this report.

6.1. Test Plots For QPSK

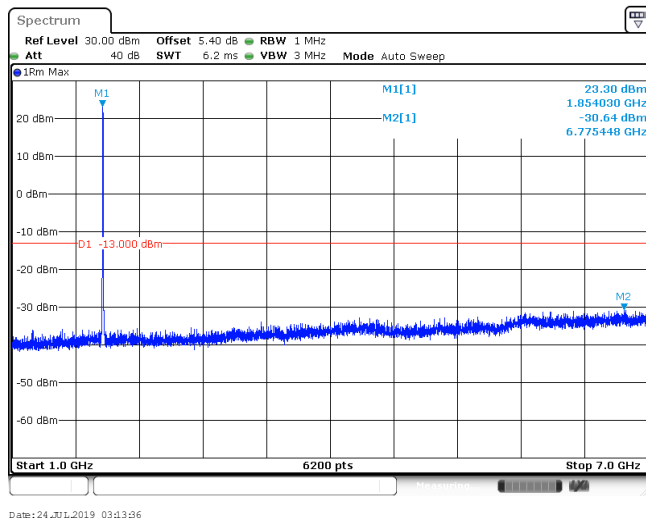


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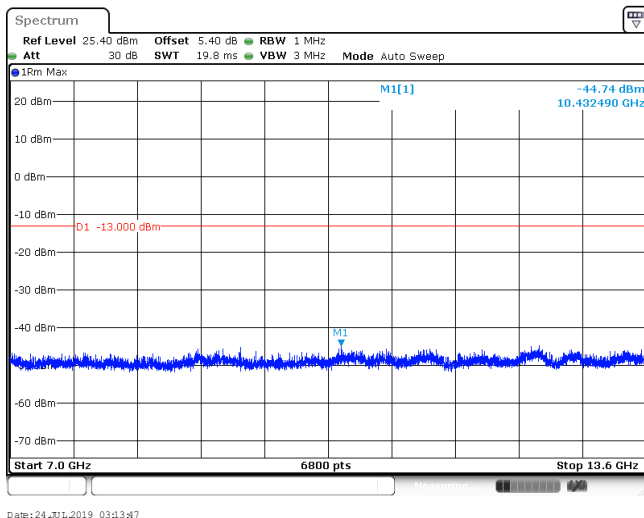


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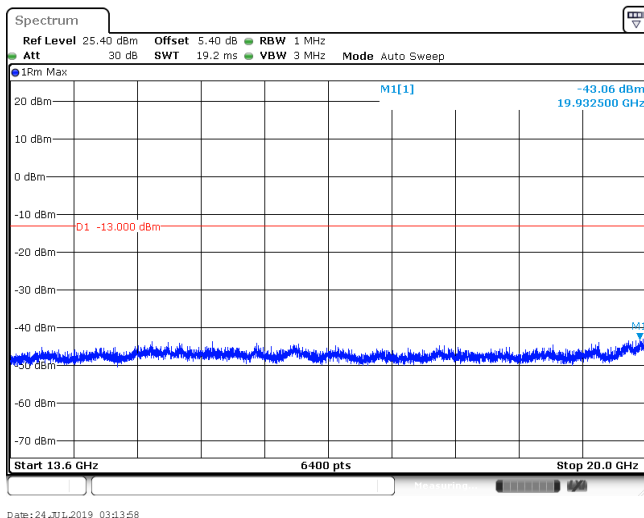


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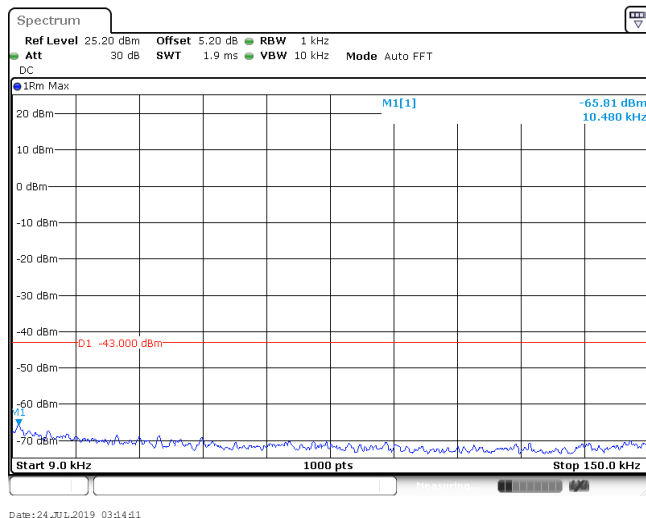


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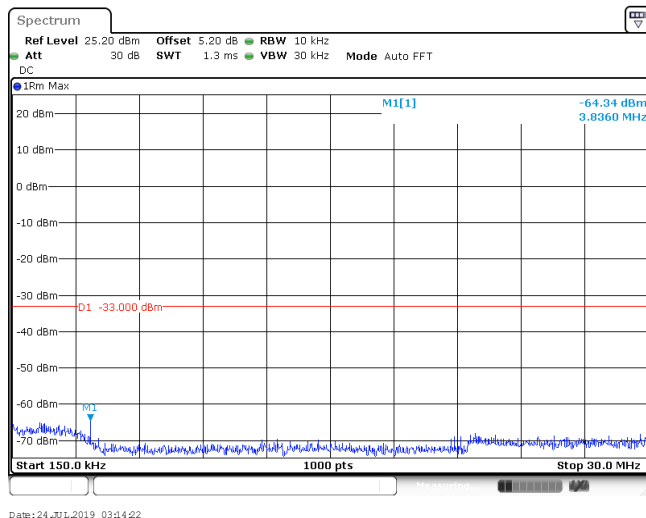


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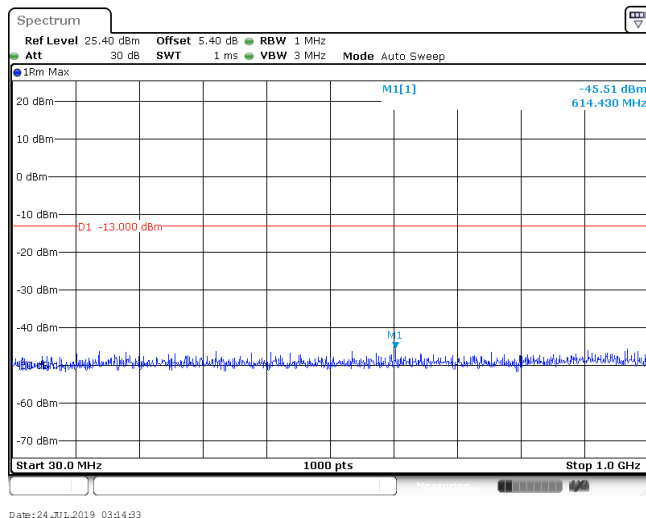


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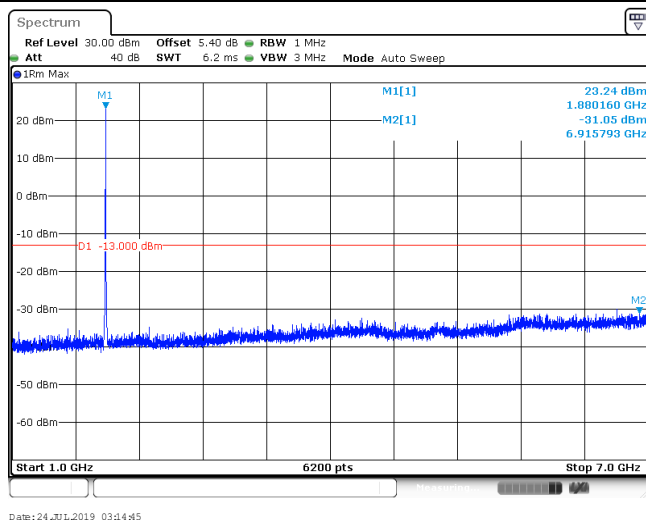


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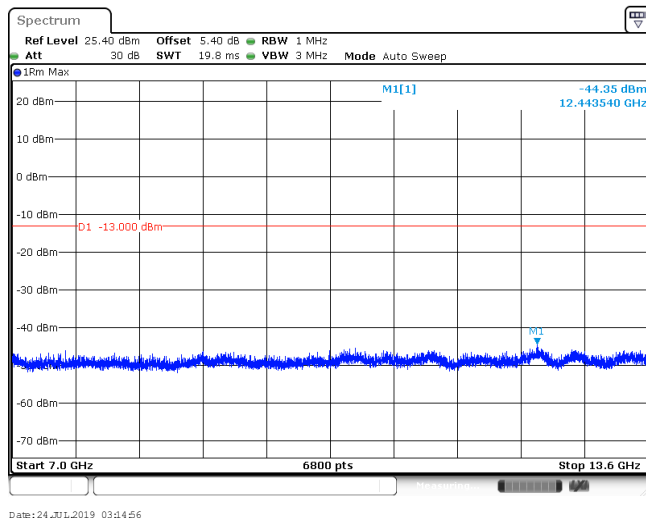
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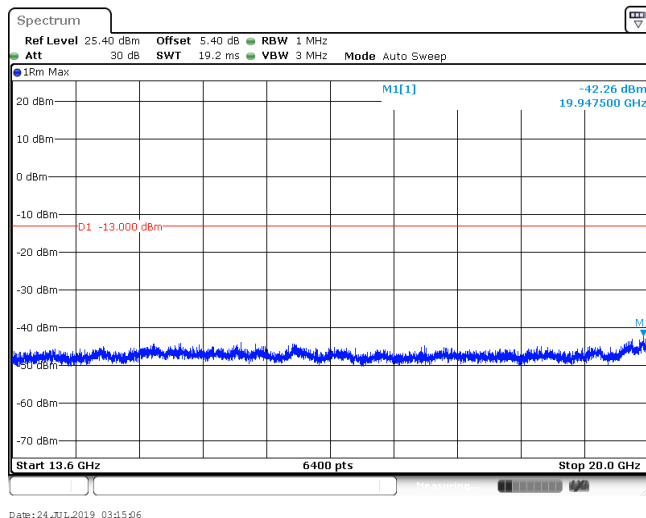
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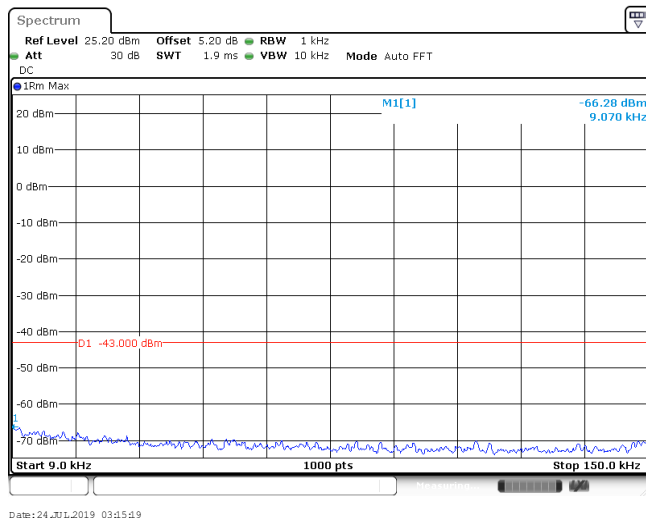


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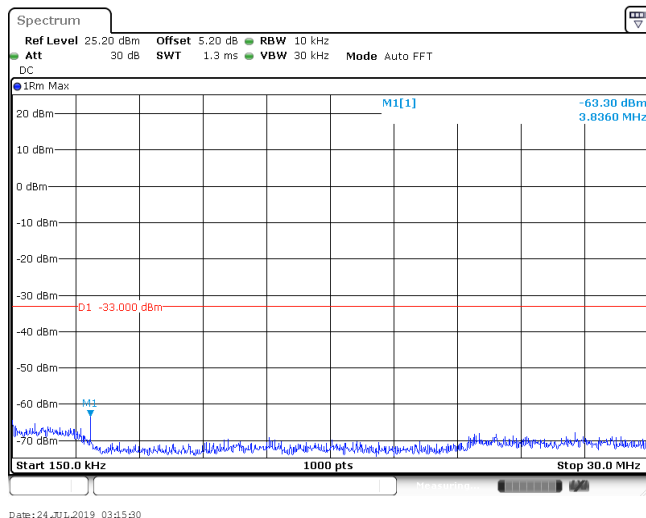


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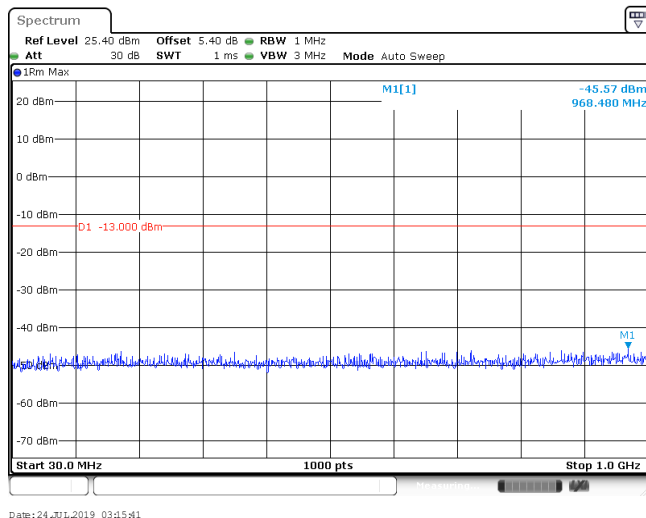


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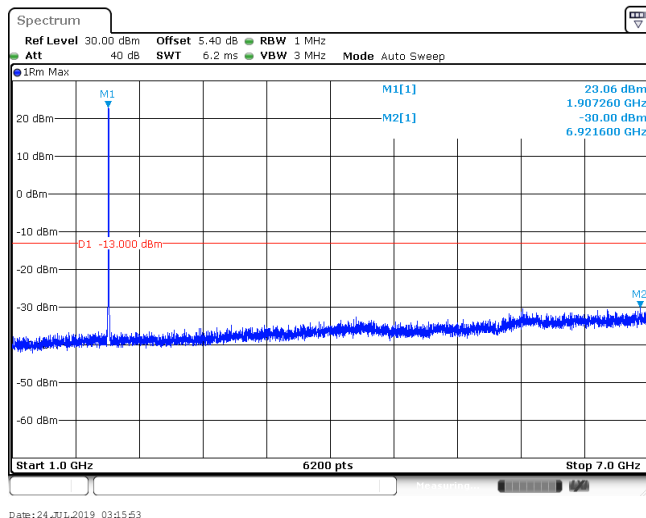


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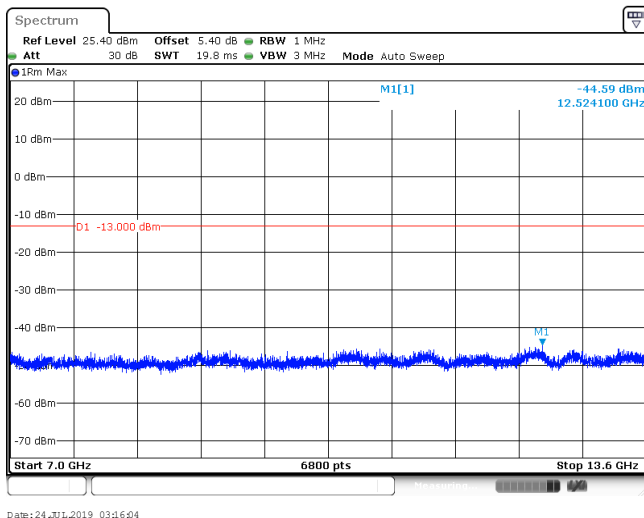


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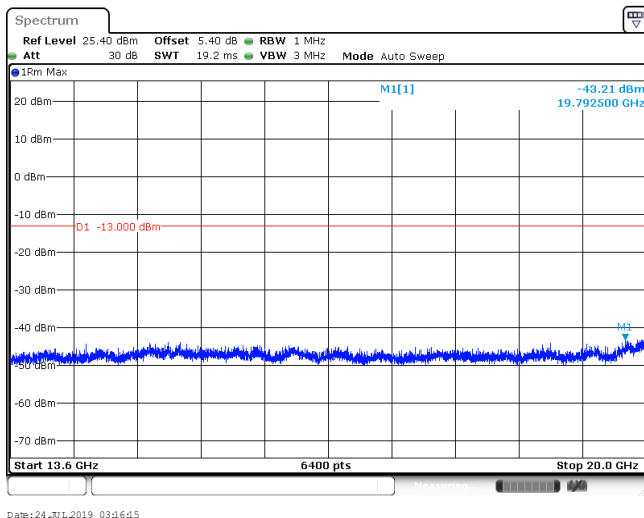


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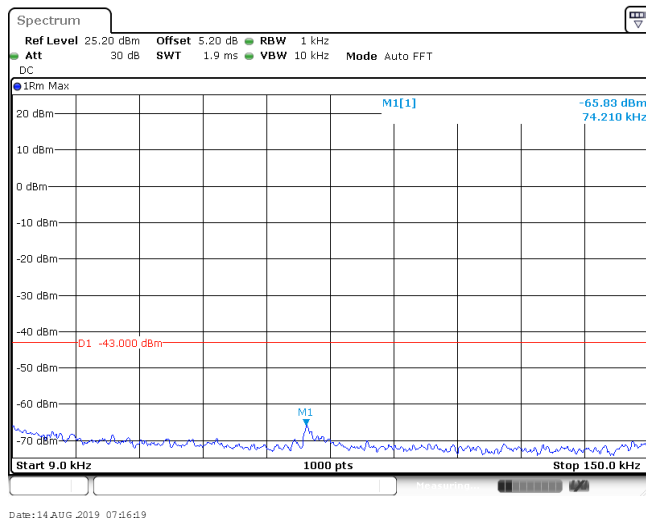


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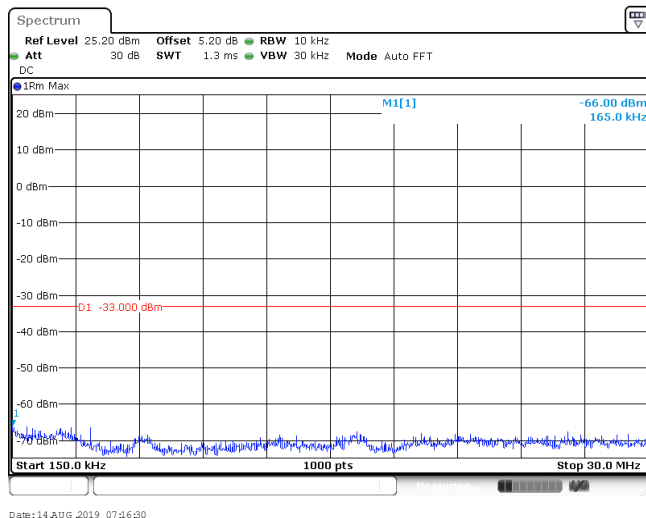


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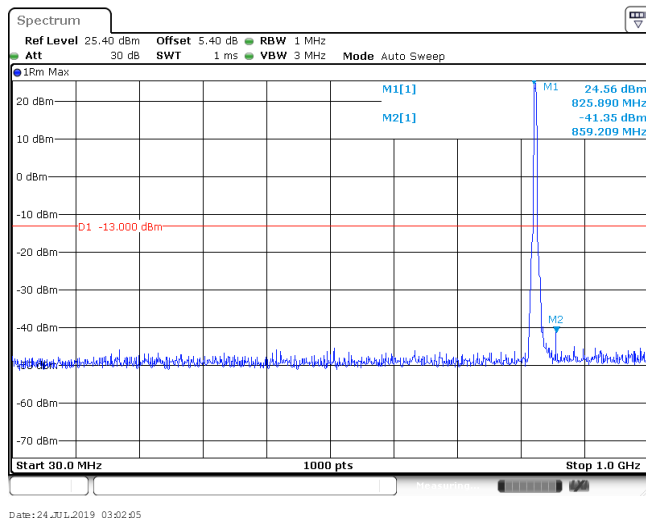
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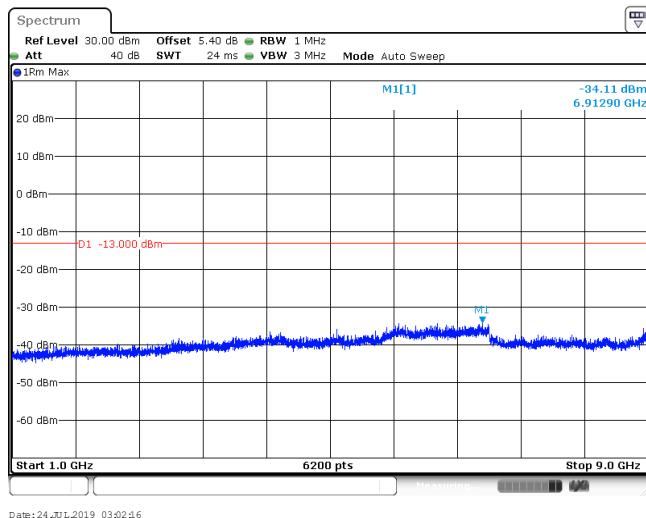
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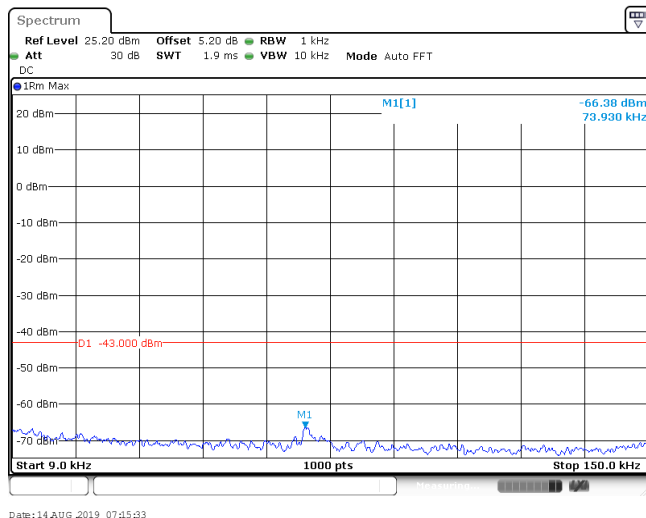
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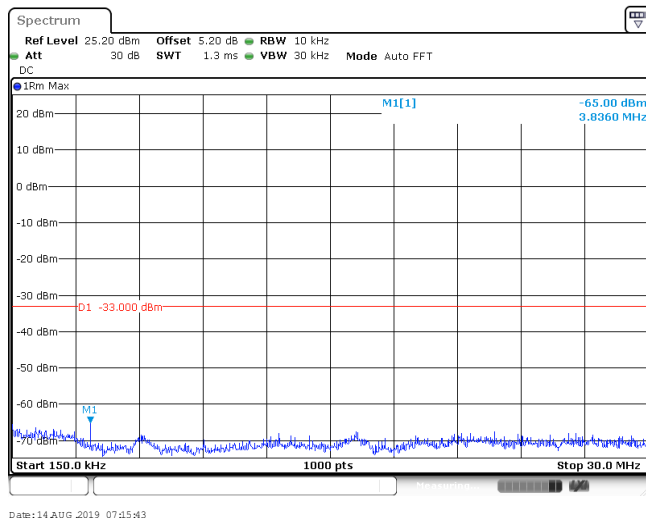
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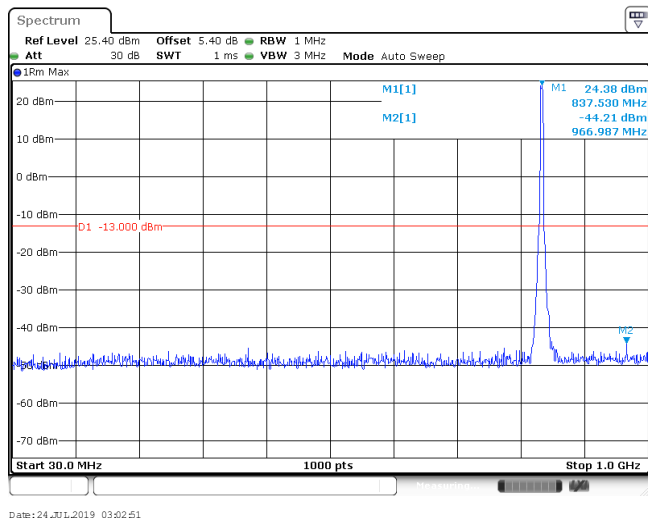


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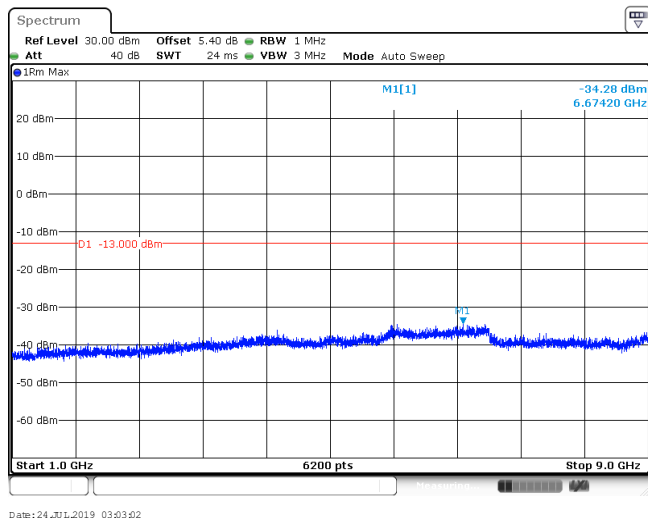


Band V_4182





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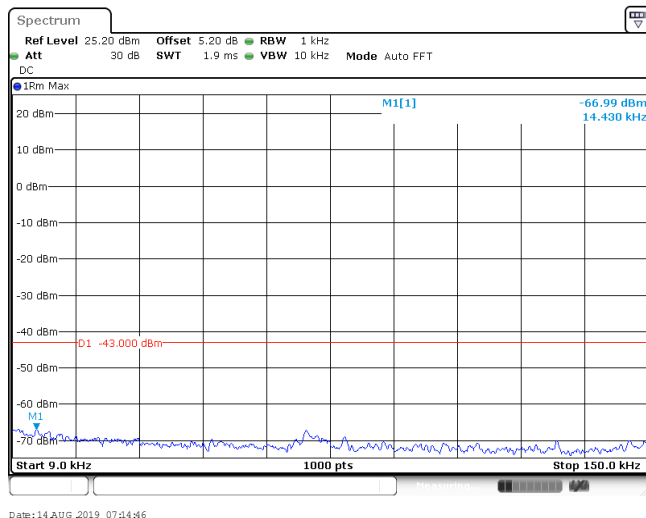


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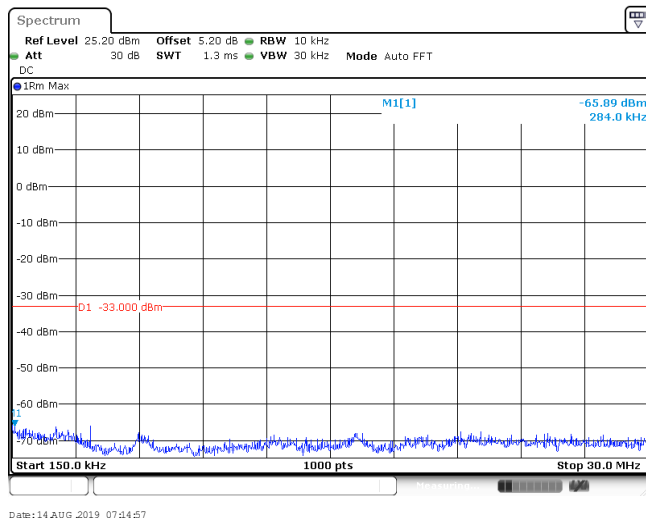


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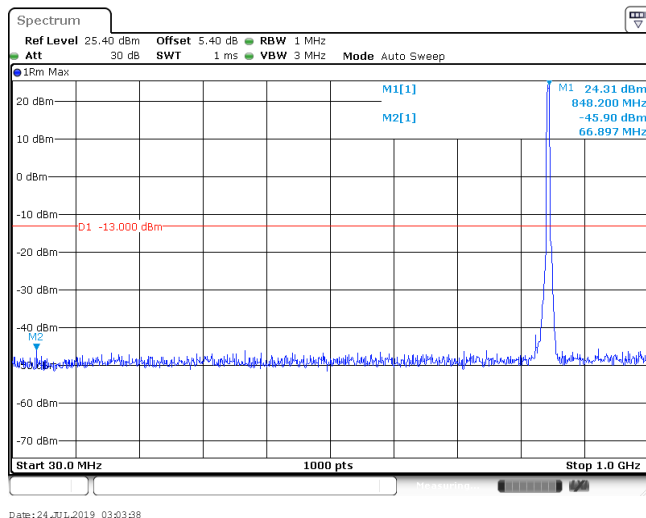


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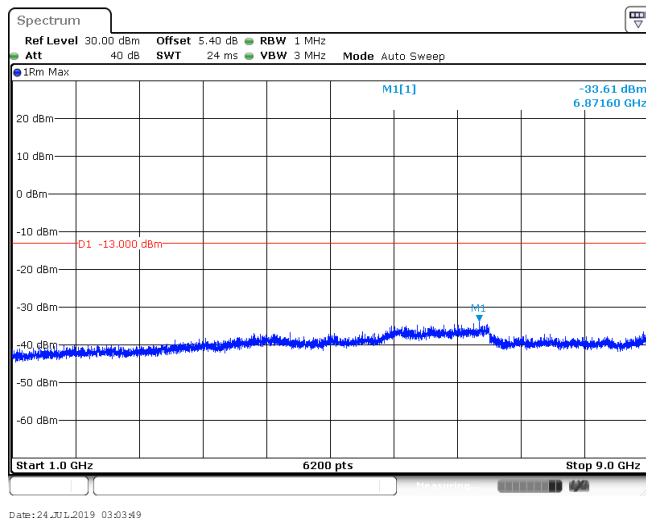


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Band V_4233



Band V_4233

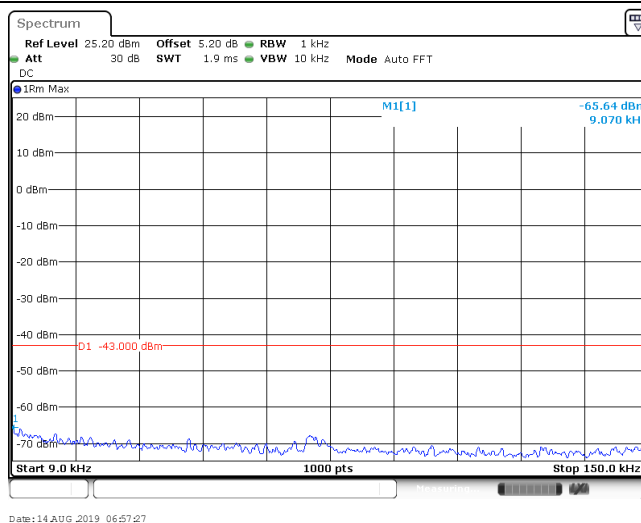


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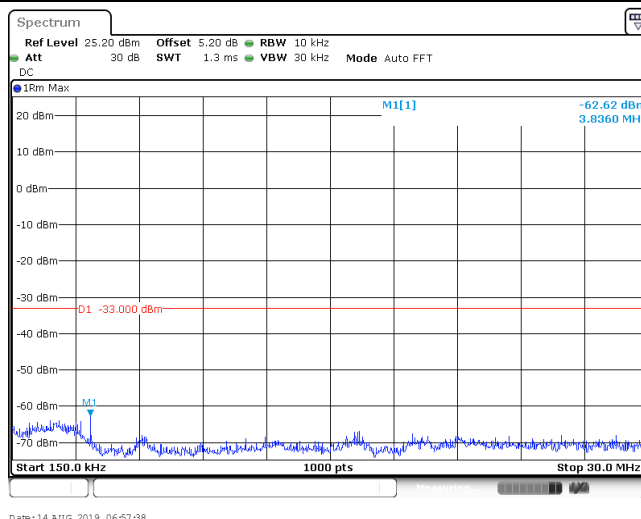


6.2. Test Plots For 16QAM



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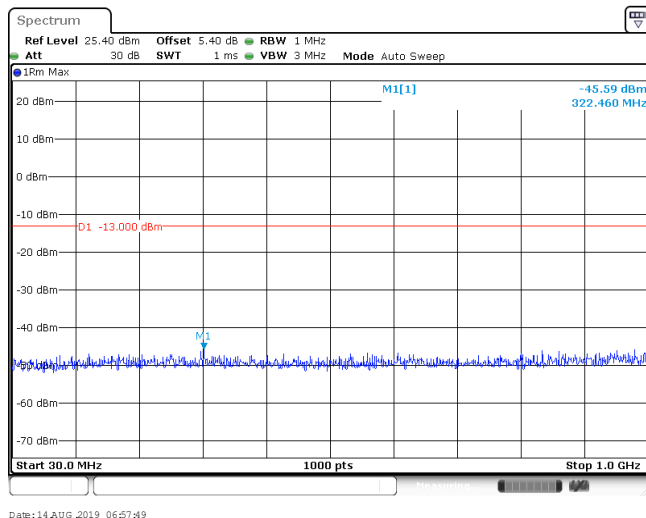
Band II_9262



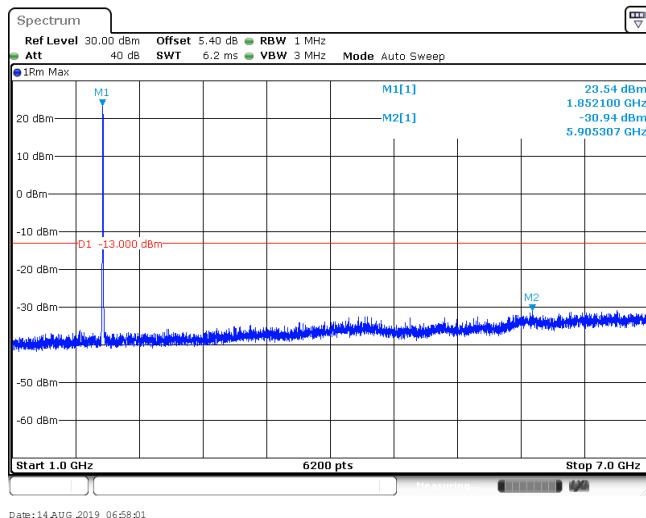
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Band II_9262





Band II_9262

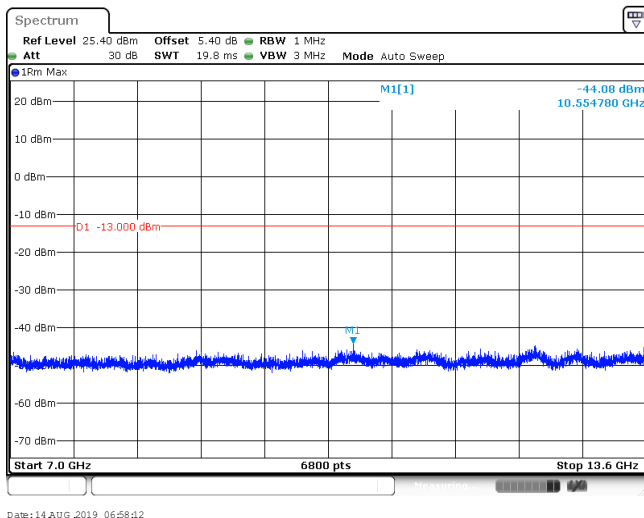


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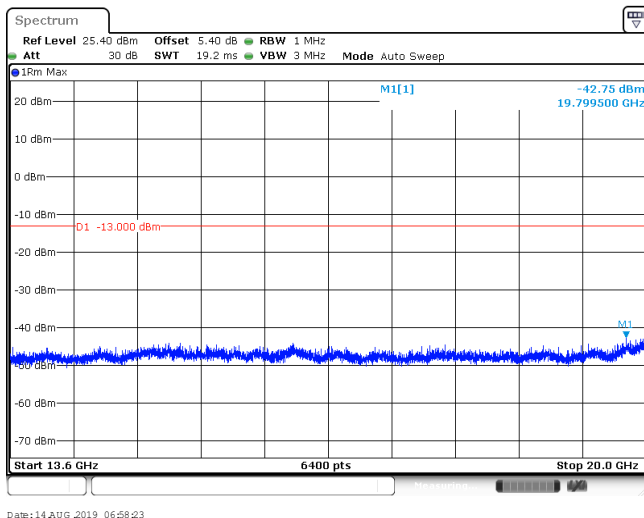


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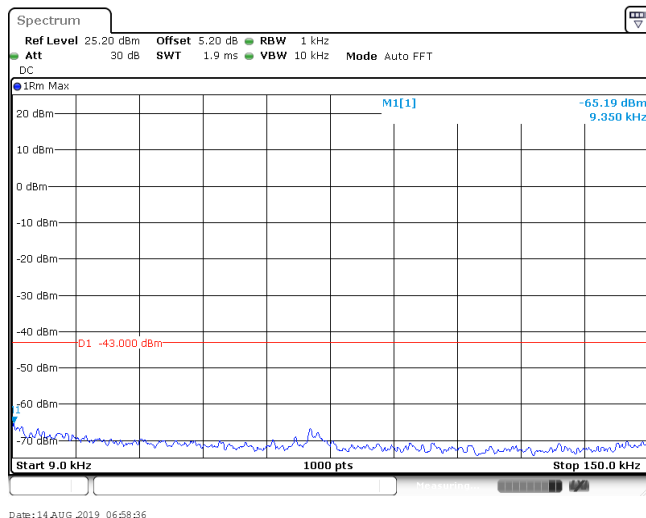


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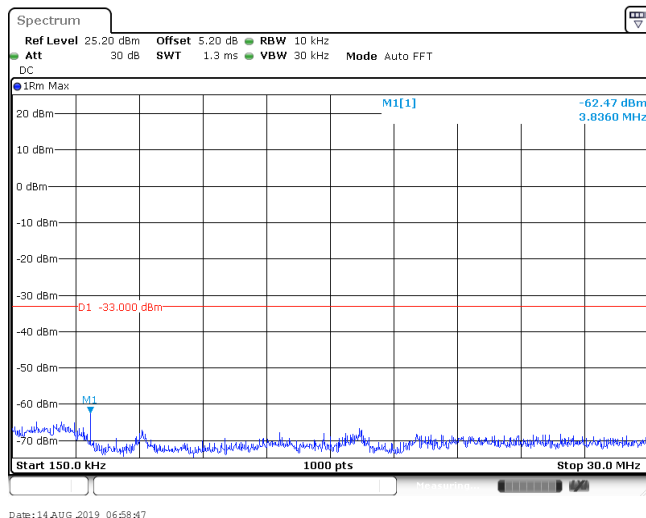
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Band II_9400



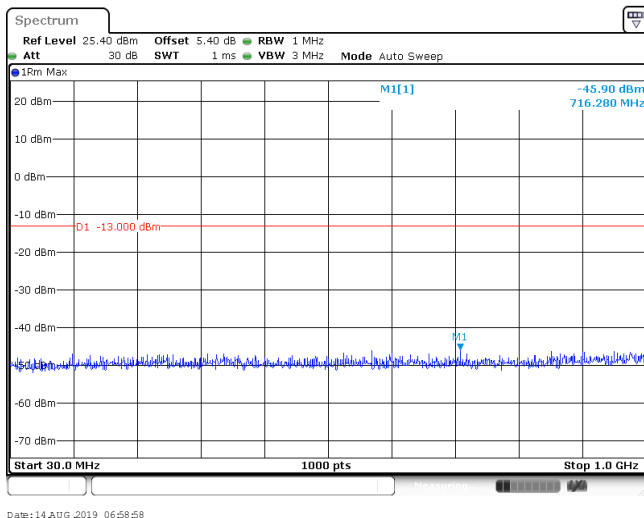
Band II_9400



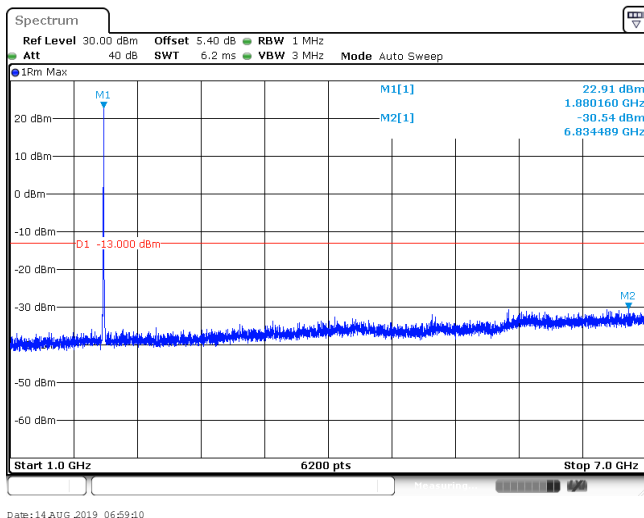
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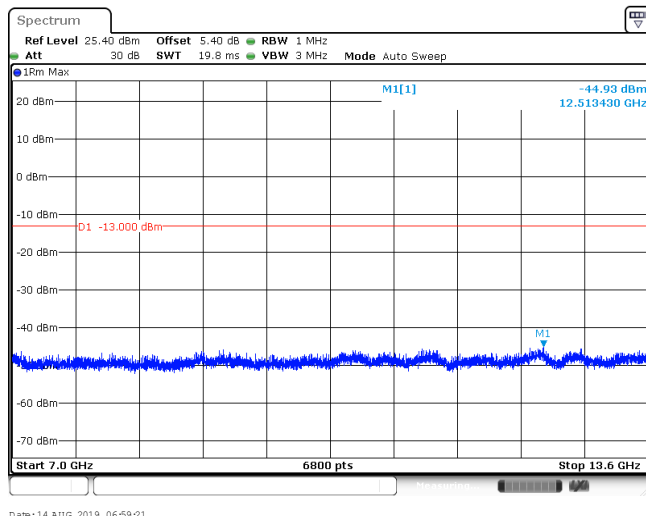


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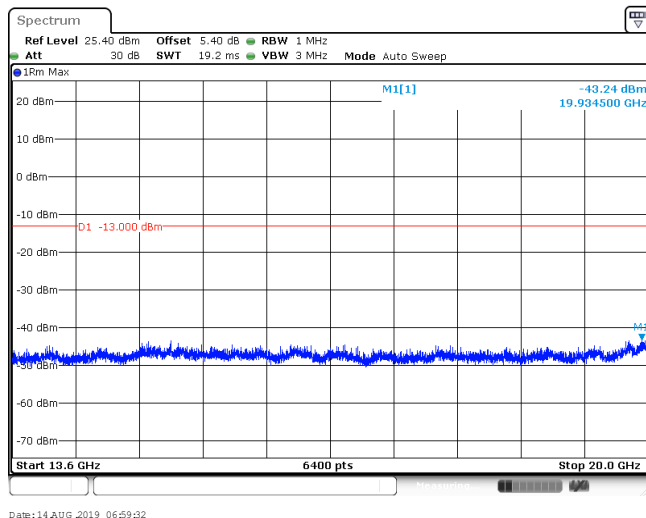


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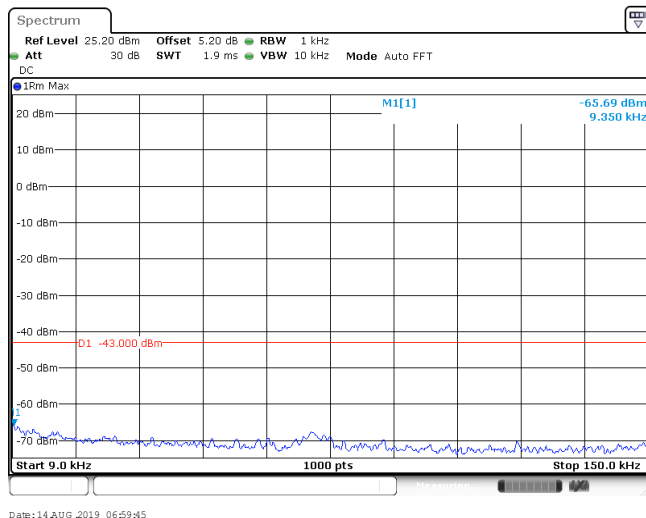


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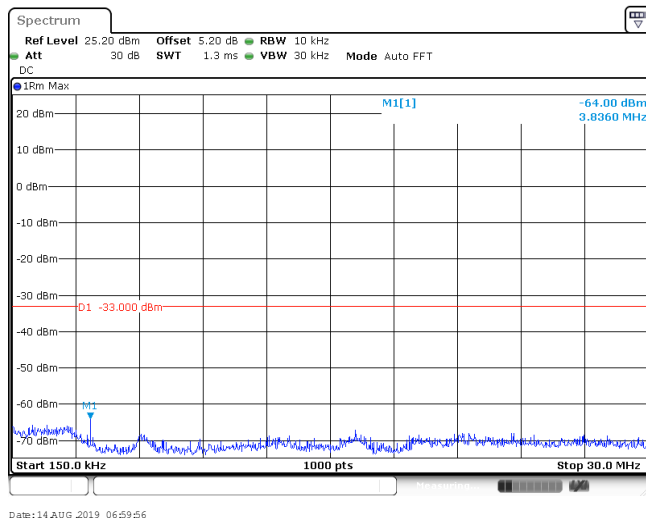
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Date: 14 AUG 2019 06:59:45

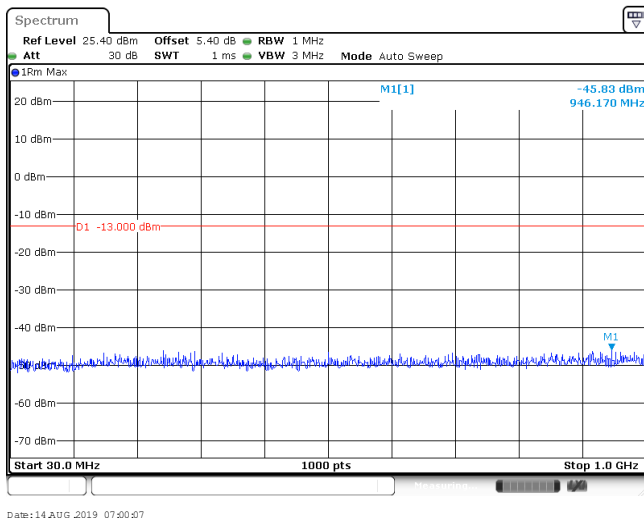
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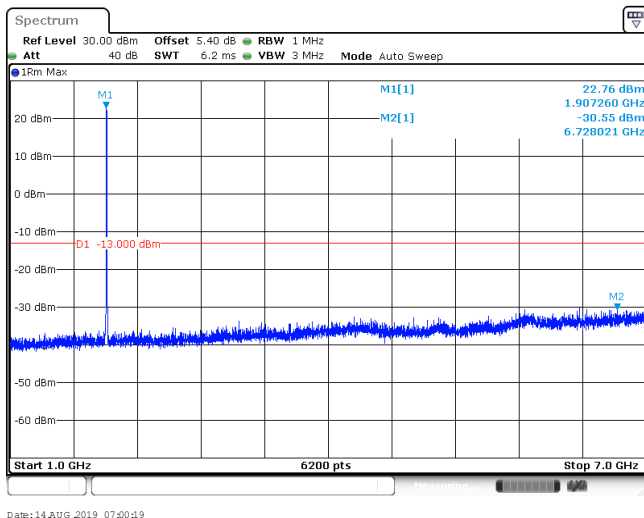
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Band II_9538





Band II_9538



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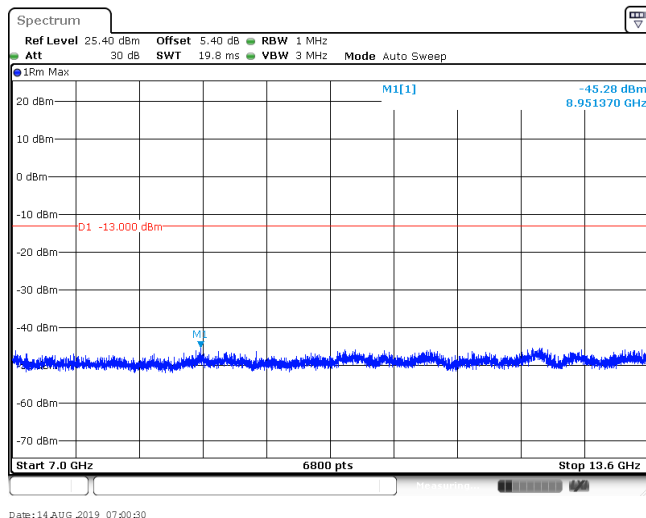


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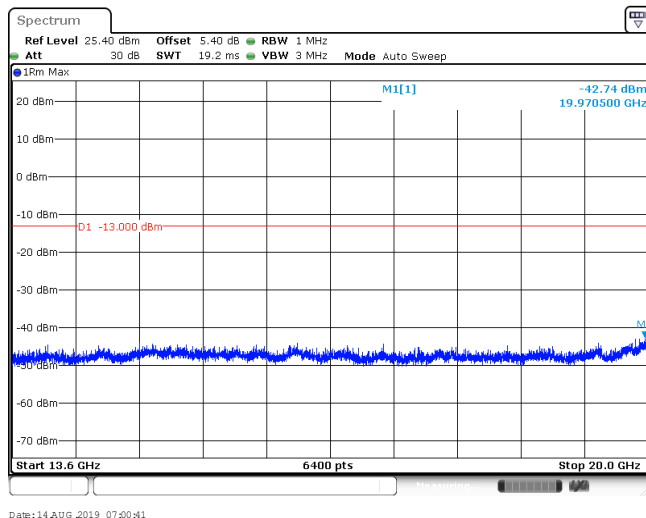
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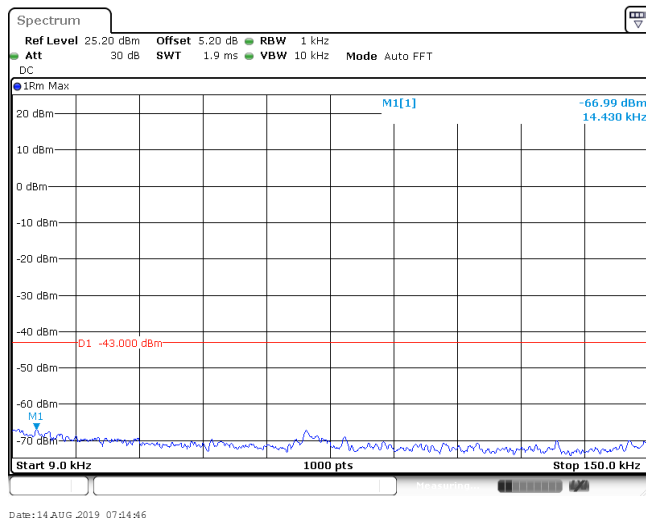


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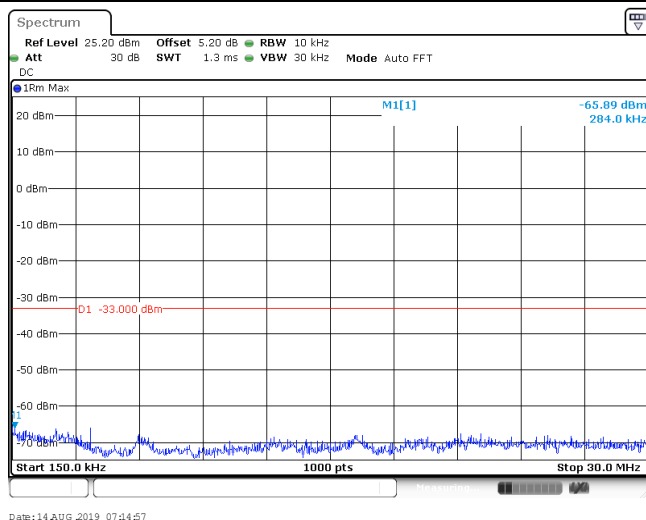
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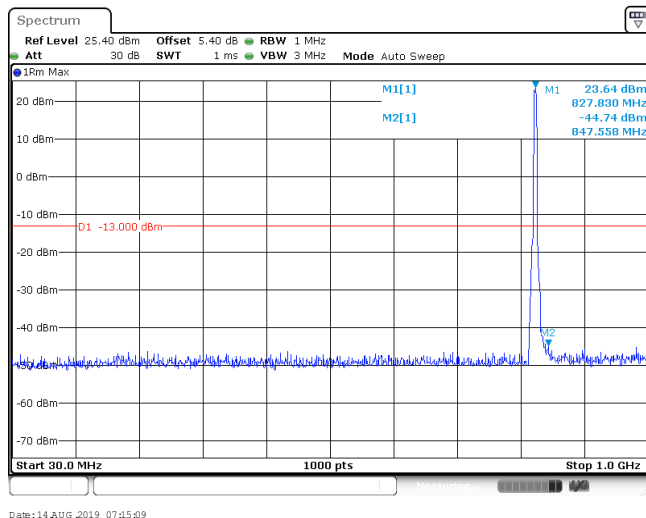


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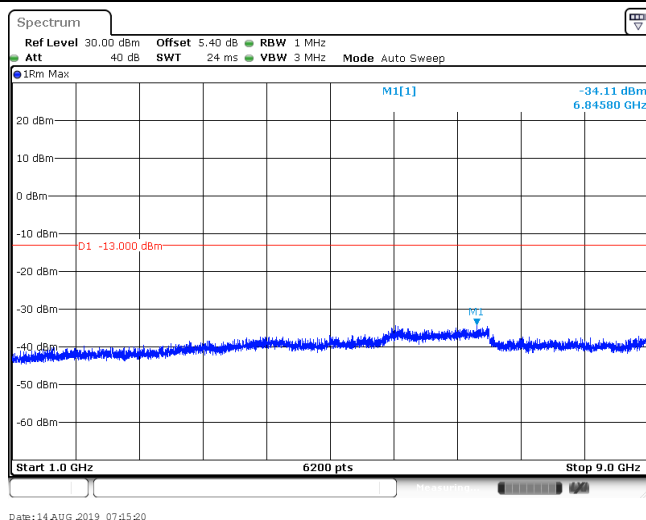


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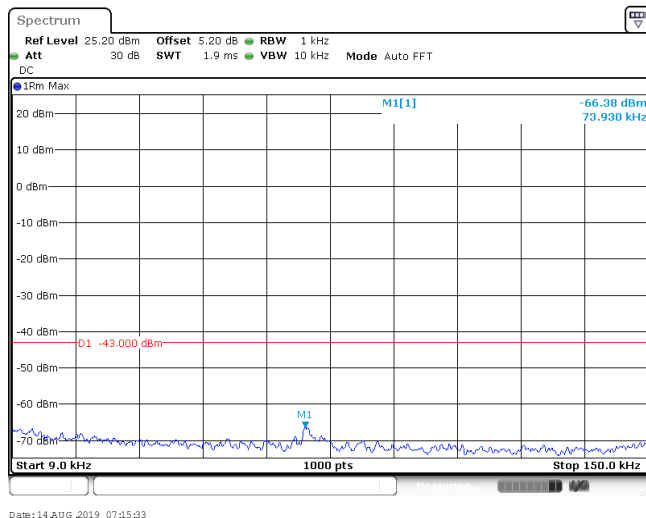


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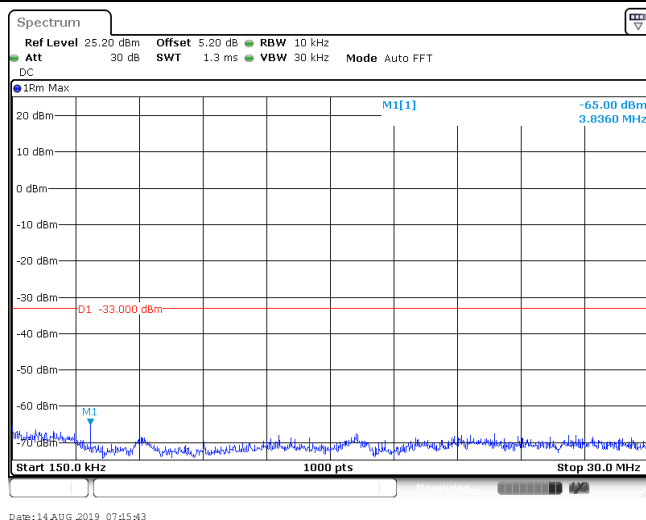


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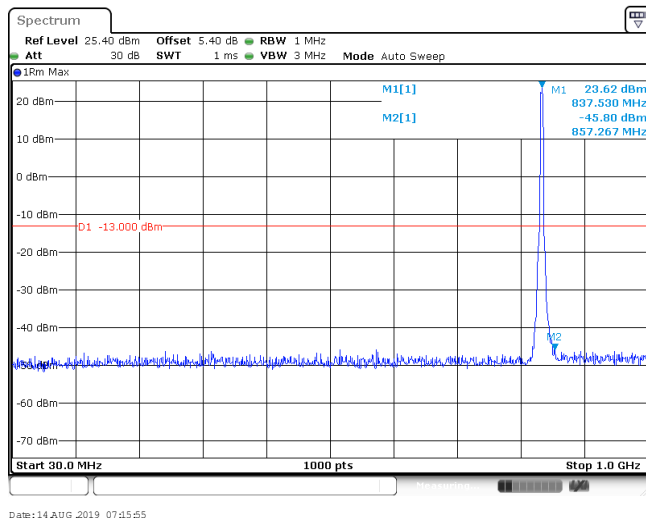


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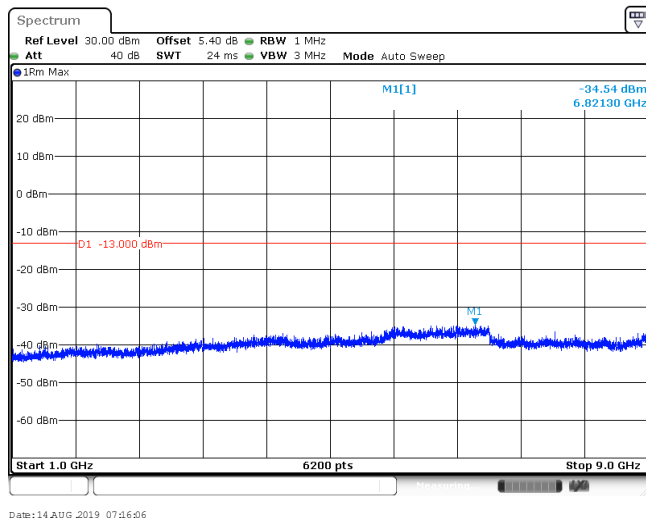


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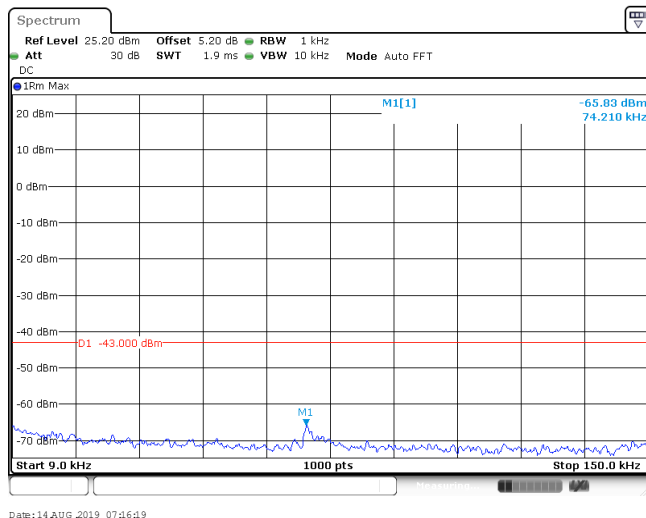


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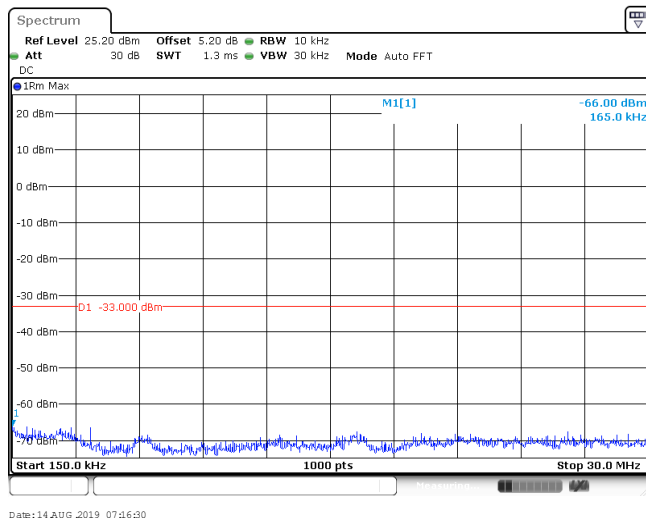
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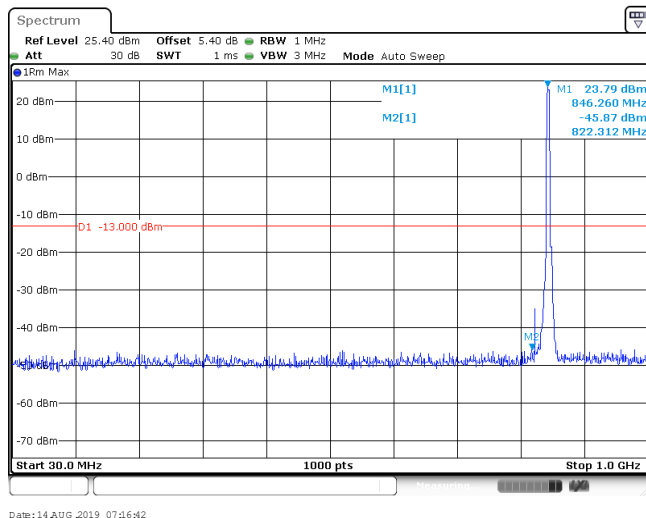


Band V_4233

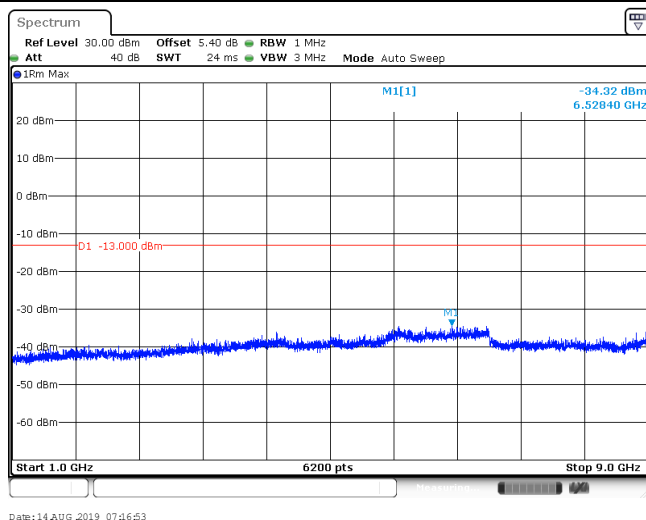


Band V_4233





Band V_4233



Band V_4233



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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)	Polarization
47.4609	-71.61	-13.00	58.61	Vertical
111.1446	-64.43	-13.00	51.43	Vertical
379.2175	-68.19	-13.00	55.19	Vertical
1358.4717	-47.69	-13.00	34.69	Vertical
8587.6863	-51.89	-13.00	38.89	Vertical
17987.9996	-32.75	-13.00	19.75	Vertical
45.1328	-64.35	-13.00	51.35	Horizontal
103.9662	-72.51	-13.00	59.51	Horizontal
245.3508	-67.86	-13.00	54.86	Horizontal
2701.5403	-35.54	-13.00	22.54	Horizontal
7491.6497	-52.80	-13.00	39.80	Horizontal
16396.4465	-38.36	-13.00	25.36	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.8247	-70.35	-13.00	57.35	Vertical
113.4727	-63.85	-13.00	50.85	Vertical
467.9284	-66.98	-13.00	53.98	Vertical
2701.1402	-36.71	-13.00	23.71	Vertical
8014.1671	-52.25	-13.00	39.25	Vertical
17996.4999	-32.87	-13.00	19.87	Vertical
41.2526	-64.26	-13.00	51.26	Horizontal
101.5896	-72.32	-13.00	59.32	Horizontal
239.3365	-68.33	-13.00	55.33	Horizontal
1500.1000	-46.00	-13.00	33.00	Horizontal
7487.6496	-53.25	-13.00	40.25	Horizontal
17984.4995	-37.55	-13.00	24.55	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.8788	-71.84	-13.00	58.84	Vertical
113.2787	-64.52	-13.00	51.52	Vertical
377.7139	-67.00	-13.00	54.00	Vertical
1411.6823	-47.58	-13.00	34.58	Vertical
5866.5956	-55.28	-13.00	42.28	Vertical
17992.9998	-32.91	-13.00	19.91	Vertical
39.4095	-63.02	-13.00	50.02	Horizontal
231.4306	-67.84	-13.00	54.84	Horizontal
624.7367	-63.29	-13.00	50.29	Horizontal
1468.8938	-47.00	-13.00	34.00	Horizontal
7933.1644	-53.28	-13.00	40.28	Horizontal
16401.9467	-37.76	-13.00	24.76	Horizontal

7.2. Test BAND = WCDMA Band V

7.2.1. Test Mode = WCDMA/TM1

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.5165	-71.56	-13.00	58.56	Vertical
110.6110	-64.26	-13.00	51.26	Vertical
396.9693	-68.05	-13.00	55.05	Vertical
1651.3303	-51.26	-13.00	38.26	Vertical
4705.0568	-57.18	-13.00	44.18	Vertical
17996.4999	-32.50	-13.00	19.50	Vertical
38.8759	-63.44	-13.00	50.44	Horizontal
104.5967	-71.97	-13.00	58.97	Horizontal
244.1382	-68.28	-13.00	55.28	Horizontal
2462.2925	-55.22	-13.00	42.22	Horizontal
5734.5912	-55.22	-13.00	42.22	Horizontal
17999.5000	-37.73	-13.00	24.73	Horizontal



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7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.2184	-72.04	-13.00	59.04	Vertical
113.7152	-64.29	-13.00	51.29	Vertical
355.2573	-68.97	-13.00	55.97	Vertical
1670.9342	-53.50	-13.00	40.50	Vertical
2506.3013	-51.34	-13.00	38.34	Vertical
17995.4999	-32.93	-13.00	19.93	Vertical
44.0172	-64.38	-13.00	51.38	Horizontal
106.0033	-72.55	-13.00	59.55	Horizontal
244.7687	-68.29	-13.00	55.29	Horizontal
1671.3343	-57.96	-13.00	44.96	Horizontal
2506.3013	-50.41	-13.00	37.41	Horizontal
17992.9998	-37.24	-13.00	24.24	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.7704	-71.49	-13.00	58.49	Vertical
110.3200	-64.06	-13.00	51.06	Vertical
331.5881	-68.96	-13.00	55.96	Vertical
1691.3383	-59.20	-13.00	46.20	Vertical
2536.7073	-51.14	-13.00	38.14	Vertical
17999.5000	-33.04	-13.00	20.04	Vertical
40.4280	-64.39	-13.00	51.39	Horizontal
103.5297	-72.02	-13.00	59.02	Horizontal
230.5090	-68.07	-13.00	55.07	Horizontal
2537.1074	-50.52	-13.00	37.52	Horizontal
7936.1645	-52.71	-13.00	39.71	Horizontal
16400.9467	-38.32	-13.00	25.32	Horizontal

Remark:

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.





8. Frequency Stability

8.1. Frequency Vs Voltage

BAND	Modulation	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	QPSK	9262	VL	TN	-9.38	-0.005062	±2.5	PASS
Band II	QPSK	9262	VN	TN	-10.09	-0.005444	±2.5	PASS
Band II	QPSK	9262	VH	TN	-9.86	-0.005325	±2.5	PASS
Band II	QPSK	9400	VL	TN	-13.55	-0.007206	±2.5	PASS
Band II	QPSK	9400	VN	TN	-14.79	-0.007868	±2.5	PASS
Band II	QPSK	9400	VH	TN	-5.54	-0.002949	±2.5	PASS
Band II	QPSK	9538	VL	TN	-10.60	-0.005557	±2.5	PASS
Band II	QPSK	9538	VN	TN	-12.48	-0.006543	±2.5	PASS
Band II	QPSK	9538	VH	TN	-14.41	-0.007552	±2.5	PASS
Band II	16QAM	9262	VL	TN	0.42	0.000225	±2.5	PASS
Band II	16QAM	9262	VN	TN	-10.72	-0.005784	±2.5	PASS
Band II	16QAM	9262	VH	TN	-10.85	-0.005857	±2.5	PASS
Band II	16QAM	9400	VL	TN	-13.89	-0.007388	±2.5	PASS
Band II	16QAM	9400	VN	TN	-10.57	-0.005621	±2.5	PASS
Band II	16QAM	9400	VH	TN	10.07	0.005358	±2.5	PASS
Band II	16QAM	9538	VL	TN	11.27	0.005909	±2.5	PASS
Band II	16QAM	9538	VN	TN	14.27	0.007482	±2.5	PASS
Band II	16QAM	9538	VH	TN	14.98	0.007850	±2.5	PASS
Band V	QPSK	4132	VL	TN	-7.61	-0.009209	±2.5	PASS
Band V	QPSK	4132	VN	TN	-5.36	-0.006483	±2.5	PASS
Band V	QPSK	4132	VH	TN	-11.96	-0.014471	±2.5	PASS
Band V	QPSK	4182	VL	TN	-5.21	-0.006234	±2.5	PASS
Band V	QPSK	4182	VN	TN	-8.58	-0.010253	±2.5	PASS
Band V	QPSK	4182	VH	TN	-8.68	-0.010382	±2.5	PASS
Band V	QPSK	4233	VL	TN	-9.60	-0.011338	±2.5	PASS
Band V	QPSK	4233	VN	TN	-6.99	-0.008254	±2.5	PASS
Band V	QPSK	4233	VH	TN	-9.27	-0.010949	±2.5	PASS
Band V	16QAM	4132	VL	TN	7.47	0.009034	±2.5	PASS
Band V	16QAM	4132	VN	TN	6.74	0.008151	±2.5	PASS
Band V	16QAM	4132	VH	TN	-2.15	-0.002597	±2.5	PASS
Band V	16QAM	4182	VL	TN	-4.80	-0.005741	±2.5	PASS
Band V	16QAM	4182	VN	TN	7.65	0.009151	±2.5	PASS
Band V	16QAM	4182	VH	TN	-5.73	-0.006852	±2.5	PASS
Band V	16QAM	4233	VL	TN	-4.10	-0.004845	±2.5	PASS
Band V	16QAM	4233	VN	TN	-0.12	-0.000145	±2.5	PASS
Band V	16QAM	4233	VH	TN	13.53	0.015985	±2.5	PASS



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8.2. Frequency Vs Temperature

BAND	Modulation	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	QPSK	9262	VN	-30	-13.58	-0.007329	±2.5	PASS
Band II	QPSK	9262	VN	-20	-9.61	-0.005190	±2.5	PASS
Band II	QPSK	9262	VN	-10	-12.58	-0.006792	±2.5	PASS
Band II	QPSK	9262	VN	0	-16.14	-0.008715	±2.5	PASS
Band II	QPSK	9262	VN	10	-8.48	-0.004579	±2.5	PASS
Band II	QPSK	9262	VN	20	-9.93	-0.005363	±2.5	PASS
Band II	QPSK	9262	VN	30	-9.03	-0.004877	±2.5	PASS
Band II	QPSK	9262	VN	40	-11.92	-0.006433	±2.5	PASS
Band II	QPSK	9262	VN	50	-13.85	-0.007479	±2.5	PASS
Band II	QPSK	9400	VN	-30	-12.54	-0.006669	±2.5	PASS
Band II	QPSK	9400	VN	-20	-8.88	-0.004721	±2.5	PASS
Band II	QPSK	9400	VN	-10	-14.41	-0.007666	±2.5	PASS
Band II	QPSK	9400	VN	0	-7.45	-0.003964	±2.5	PASS
Band II	QPSK	9400	VN	10	-6.54	-0.003477	±2.5	PASS
Band II	QPSK	9400	VN	20	-10.89	-0.005794	±2.5	PASS
Band II	QPSK	9400	VN	30	-10.71	-0.005695	±2.5	PASS
Band II	QPSK	9400	VN	40	-14.37	-0.007643	±2.5	PASS
Band II	QPSK	9400	VN	50	-14.68	-0.007811	±2.5	PASS
Band II	QPSK	9538	VN	-30	-14.37	-0.007533	±2.5	PASS
Band II	QPSK	9538	VN	-20	-12.32	-0.006460	±2.5	PASS
Band II	QPSK	9538	VN	-10	-10.56	-0.005538	±2.5	PASS
Band II	QPSK	9538	VN	0	-6.95	-0.003645	±2.5	PASS
Band II	QPSK	9538	VN	10	-8.96	-0.004694	±2.5	PASS
Band II	QPSK	9538	VN	20	-6.91	-0.003622	±2.5	PASS
Band II	QPSK	9538	VN	30	-8.60	-0.004507	±2.5	PASS
Band II	QPSK	9538	VN	40	-8.95	-0.004691	±2.5	PASS
Band II	QPSK	9538	VN	50	-11.79	-0.006183	±2.5	PASS
Band II	16QAM	9262	VN	-30	13.83	0.007466	±2.5	PASS
Band II	16QAM	9262	VN	-20	-14.32	-0.007730	±2.5	PASS
Band II	16QAM	9262	VN	-10	9.07	0.004897	±2.5	PASS
Band II	16QAM	9262	VN	0	-12.12	-0.006542	±2.5	PASS
Band II	16QAM	9262	VN	10	-11.19	-0.006039	±2.5	PASS
Band II	16QAM	9262	VN	20	-6.64	-0.003585	±2.5	PASS
Band II	16QAM	9262	VN	30	14.94	0.008067	±2.5	PASS
Band II	16QAM	9262	VN	40	-11.88	-0.006413	±2.5	PASS
Band II	16QAM	9262	VN	50	-8.75	-0.004725	±2.5	PASS
Band II	16QAM	9400	VN	-30	-4.64	-0.002466	±2.5	PASS
Band II	16QAM	9400	VN	-20	6.73	0.003579	±2.5	PASS
Band II	16QAM	9400	VN	-10	-7.94	-0.004224	±2.5	PASS
Band II	16QAM	9400	VN	0	-6.10	-0.003247	±2.5	PASS
Band II	16QAM	9400	VN	10	12.57	0.006686	±2.5	PASS
Band II	16QAM	9400	VN	20	12.81	0.006812	±2.5	PASS
Band II	16QAM	9400	VN	30	10.28	0.005467	±2.5	PASS
Band II	16QAM	9400	VN	40	14.70	0.007817	±2.5	PASS
Band II	16QAM	9400	VN	50	6.16	0.003278	±2.5	PASS
Band II	16QAM	9538	VN	-30	14.85	0.007786	±2.5	PASS
Band II	16QAM	9538	VN	-20	-3.10	-0.001627	±2.5	PASS



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Band II	16QAM	9538	VN	-10	-0.04	-0.000020	±2.5	PASS
Band II	16QAM	9538	VN	0	-4.85	-0.002542	±2.5	PASS
Band II	16QAM	9538	VN	10	4.28	0.002245	±2.5	PASS
Band II	16QAM	9538	VN	20	13.24	0.006940	±2.5	PASS
Band II	16QAM	9538	VN	30	7.39	0.003873	±2.5	PASS
Band II	16QAM	9538	VN	40	7.16	0.003754	±2.5	PASS
Band II	16QAM	9538	VN	50	-14.42	-0.007560	±2.5	PASS
Band V	QPSK	4132	VN	-30	-10.71	-0.012957	±2.5	PASS
Band V	QPSK	4132	VN	-20	-6.72	-0.008127	±2.5	PASS
Band V	QPSK	4132	VN	-10	-6.54	-0.007911	±2.5	PASS
Band V	QPSK	4132	VN	0	-12.75	-0.015423	±2.5	PASS
Band V	QPSK	4132	VN	10	-7.89	-0.009547	±2.5	PASS
Band V	QPSK	4132	VN	20	-13.15	-0.015917	±2.5	PASS
Band V	QPSK	4132	VN	30	-8.99	-0.010879	±2.5	PASS
Band V	QPSK	4132	VN	40	-14.00	-0.016938	±2.5	PASS
Band V	QPSK	4132	VN	50	-10.43	-0.012619	±2.5	PASS
Band V	QPSK	4182	VN	-30	-6.19	-0.007406	±2.5	PASS
Band V	QPSK	4182	VN	-20	-6.18	-0.007389	±2.5	PASS
Band V	QPSK	4182	VN	-10	-13.23	-0.015812	±2.5	PASS
Band V	QPSK	4182	VN	0	-10.63	-0.012708	±2.5	PASS
Band V	QPSK	4182	VN	10	-8.36	-0.009997	±2.5	PASS
Band V	QPSK	4182	VN	20	-7.87	-0.009415	±2.5	PASS
Band V	QPSK	4182	VN	30	-9.32	-0.011143	±2.5	PASS
Band V	QPSK	4182	VN	40	-5.26	-0.006285	±2.5	PASS
Band V	QPSK	4182	VN	50	-12.50	-0.014940	±2.5	PASS
Band V	QPSK	4233	VN	-30	-13.41	-0.015841	±2.5	PASS
Band V	QPSK	4233	VN	-20	-8.08	-0.009547	±2.5	PASS
Band V	QPSK	4233	VN	-10	-11.44	-0.013518	±2.5	PASS
Band V	QPSK	4233	VN	0	-8.04	-0.009496	±2.5	PASS
Band V	QPSK	4233	VN	10	-9.53	-0.011253	±2.5	PASS
Band V	QPSK	4233	VN	20	-9.09	-0.010738	±2.5	PASS
Band V	QPSK	4233	VN	30	-11.33	-0.013383	±2.5	PASS
Band V	QPSK	4233	VN	40	-8.78	-0.010375	±2.5	PASS
Band V	QPSK	4233	VN	50	-4.76	-0.005618	±2.5	PASS
Band V	16QAM	4132	VN	-30	10.11	0.012240	±2.5	PASS
Band V	16QAM	4132	VN	-20	-11.07	-0.013391	±2.5	PASS
Band V	16QAM	4132	VN	-10	12.40	0.015008	±2.5	PASS
Band V	16QAM	4132	VN	0	-2.95	-0.003572	±2.5	PASS
Band V	16QAM	4132	VN	10	6.61	0.007996	±2.5	PASS
Band V	16QAM	4132	VN	20	10.81	0.013081	±2.5	PASS
Band V	16QAM	4132	VN	30	-13.96	-0.016891	±2.5	PASS
Band V	16QAM	4132	VN	40	8.37	0.010129	±2.5	PASS
Band V	16QAM	4132	VN	50	4.45	0.005381	±2.5	PASS
Band V	16QAM	4182	VN	-30	9.56	0.011433	±2.5	PASS
Band V	16QAM	4182	VN	-20	11.93	0.014268	±2.5	PASS
Band V	16QAM	4182	VN	-10	11.60	0.013864	±2.5	PASS
Band V	16QAM	4182	VN	0	-12.97	-0.015509	±2.5	PASS
Band V	16QAM	4182	VN	10	9.13	0.010915	±2.5	PASS
Band V	16QAM	4182	VN	20	13.64	0.016311	±2.5	PASS
Band V	16QAM	4182	VN	30	5.08	0.006075	±2.5	PASS
Band V	16QAM	4182	VN	40	6.18	0.007384	±2.5	PASS
Band V	16QAM	4182	VN	50	10.97	0.013110	±2.5	PASS



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Band V	16QAM	4233	VN	-30	-12.50	-0.014760	± 2.5	PASS
Band V	16QAM	4233	VN	-20	-1.08	-0.001272	± 2.5	PASS
Band V	16QAM	4233	VN	-10	-6.12	-0.007232	± 2.5	PASS
Band V	16QAM	4233	VN	0	1.87	0.002210	± 2.5	PASS
Band V	16QAM	4233	VN	10	12.89	0.015223	± 2.5	PASS
Band V	16QAM	4233	VN	20	4.64	0.005485	± 2.5	PASS
Band V	16QAM	4233	VN	30	-0.20	-0.000237	± 2.5	PASS
Band V	16QAM	4233	VN	40	-8.15	-0.009630	± 2.5	PASS
Band V	16QAM	4233	VN	50	-1.49	-0.001759	± 2.5	PASS

The End



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA) Calibration Laboratory

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