Appendix B

WCDMA Band2&4&5

CONTENT

Page

1. Effective (Isotropic) Radiated Power Output Data

1.1. Test Result

Band	Test Mode	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band II	TM1	9262	23.06	21.16	33	PASS
		9400	23.02	21.12	33	PASS
		9538	22.86	20.96	33	PASS
	TM2	9262	21.10	19.09	33	PASS
		9400	21.15	19.14	33	PASS
		9538	21.01	19.00	33	PASS

Band	Test Mode	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band IV	TM1	1312	22.96	20.86	30	PASS
		1413	22.92	20.82	30	PASS
		1513	22.98	20.88	30	PASS
	TM2	1312	21.43	19.33	30	PASS
		1413	21.24	19.14	30	PASS
		1513	21.32	19.22	30	PASS

Band	Test Mode	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	TM1	4132	23.57	17.82	38.5	PASS
		4182	23.52	17.77	38.5	PASS
		4233	23.57	17.82	38.5	PASS
	TM2	4132	21.63	15.88	38.5	PASS
		4182	21.84	16.09	38.5	PASS
		4233	21.77	16.02	38.5	PASS

Note:
a: For getting the ERP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBi]

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level

2. Peak-to-Average Ratio

2.1. Test Result

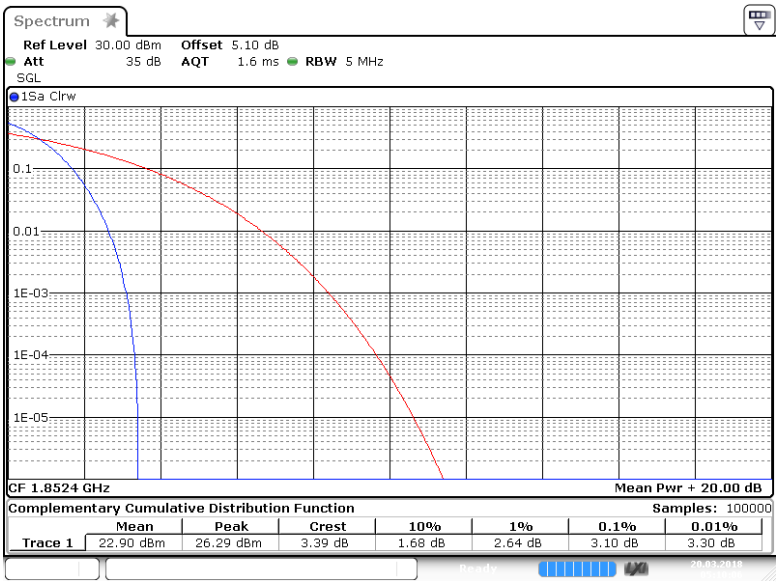
Band	Test Mode	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band II	TM1	9262	2.99	13	PASS
		9400	2.99	13	PASS
		9538	2.99	13	PASS
	TM2	9262	4.90	13	PASS
		9400	5.25	13	PASS
		9538	5.88	13	PASS
Band IV	TM1	1312	2.72	13	PASS
		1413	2.72	13	PASS
		1513	2.72	13	PASS
	TM2	1312	4.17	13	PASS
		1413	4.87	13	PASS
		1513	5.39	13	PASS
Band V	TM1	4132	2.99	13	PASS
		4182	2.99	13	PASS
		4233	2.99	13	PASS
	TM2	4132	4.41	13	PASS
		4182	3.51	13	PASS
		4233	5.22	13	PASS

Part II - Test Plots

2.2. For WCDMA band II

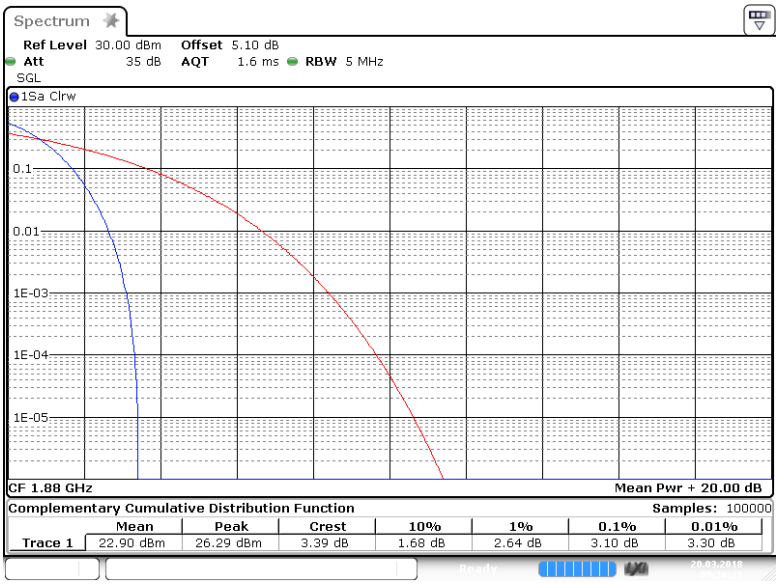
2.2.1. Test Mode = WCDMA/TM1

2.2.1.1. Test Channel = LCH



Date: 20.MAR.2018 05:10:06

2.2.1.2. Test Channel = MCH



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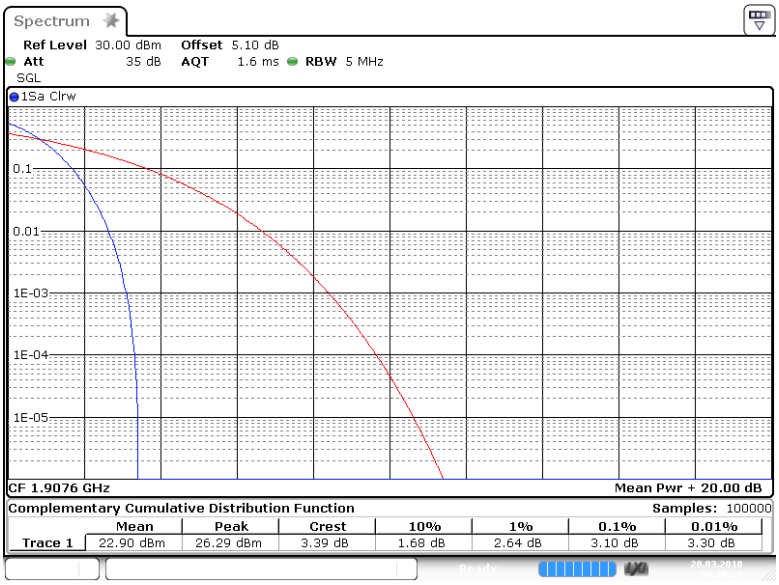
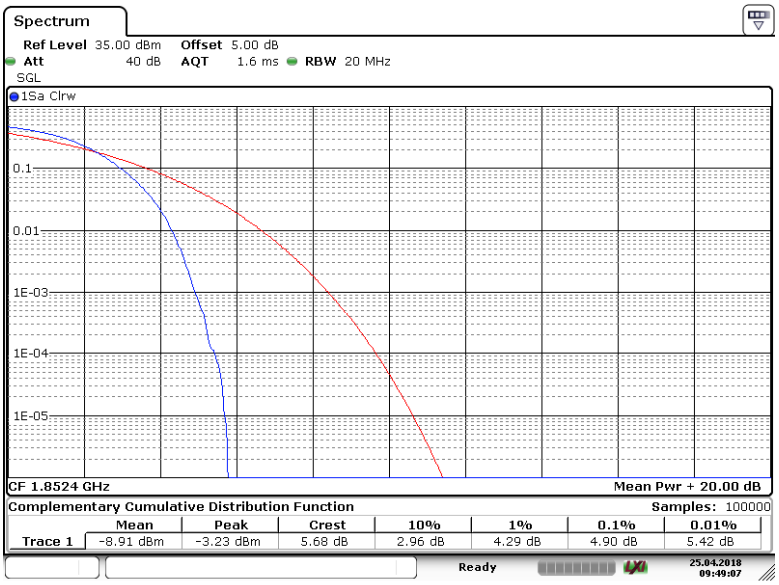
2.2.1.3. Test Channel = HCH



Date: 20.MAR.2018 05:10:24

2.2.2. Test Mode = WCDMA/TM2

2.2.2.1. Test Channel = LCH



Date: 25.APR.2018 09:49:08

2.2.2.2. Test Channel = MCH

Date: 25.APR.2018 09:48:30

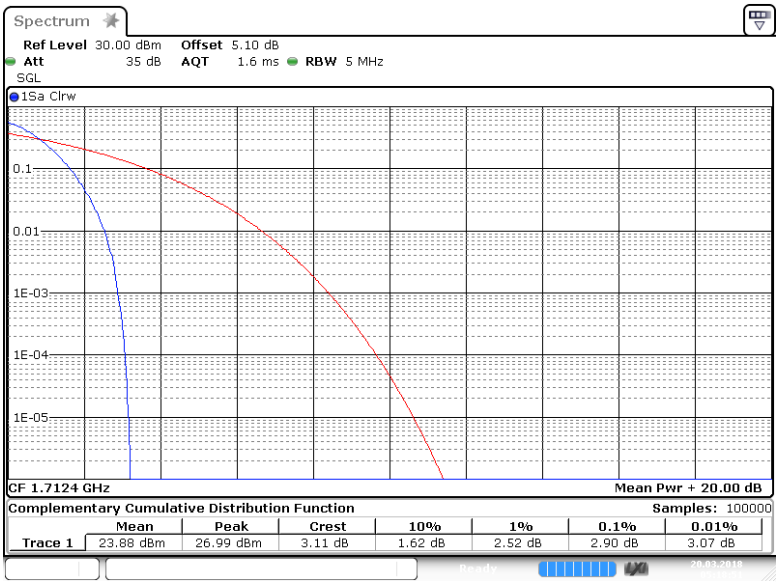
2.2.2.3. Test Channel = HCH

Date: 25.APR.2018 09:47:42

2.3. For WCDMA band IV

2.3.1. Test Mode = WCDMA/TM1

2.3.1.1. Test Channel = LCH



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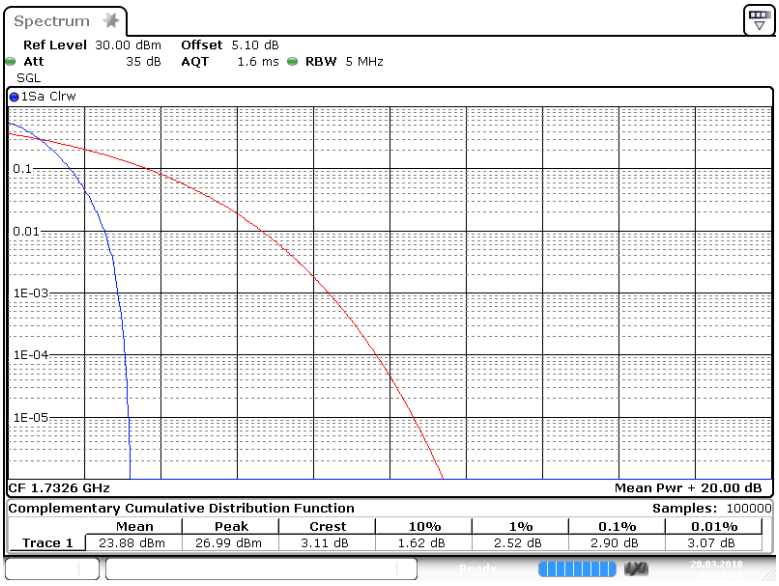
2.3.1.2. Test Channel = MCH



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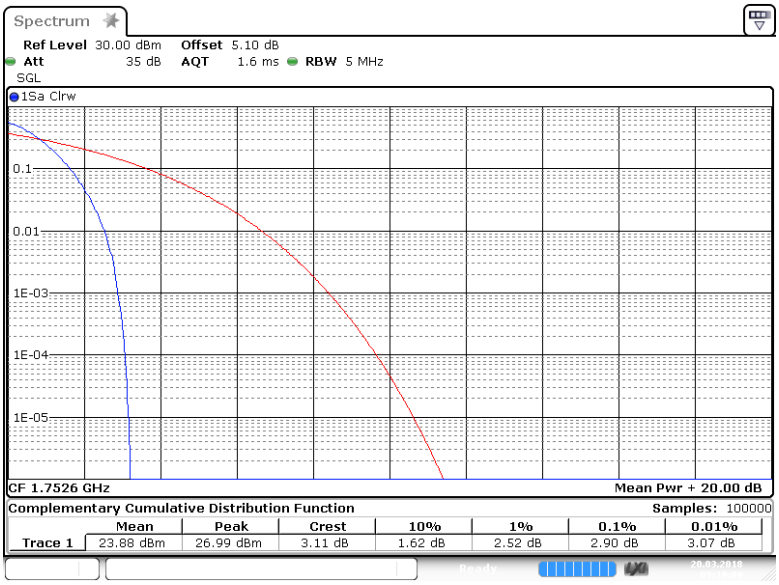
2.3.1.3. Test Channel = HCH



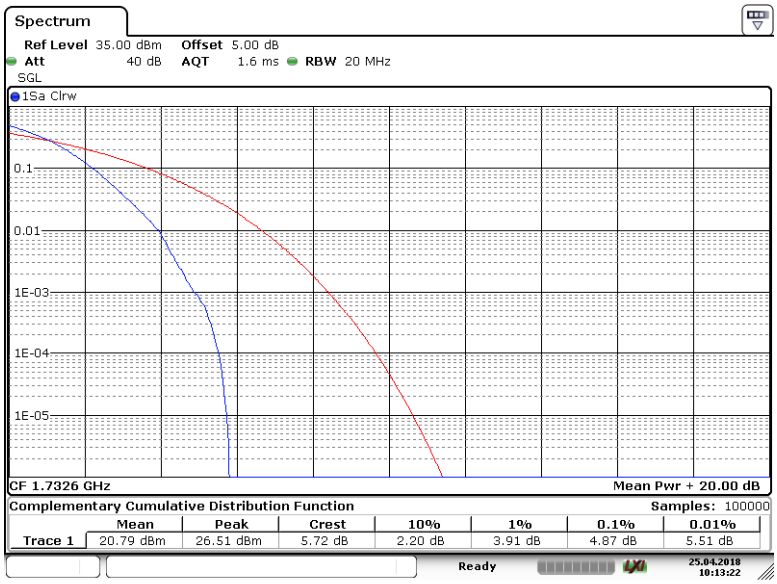
Date: 20.MAR.2018 05:19:10

2.3.2. Test Mode = WCDMA/TM2

2.3.2.1. Test Channel = LCH

Date: 25.APR.2018 10:12:13

2.3.2.2. Test Channel = MCH



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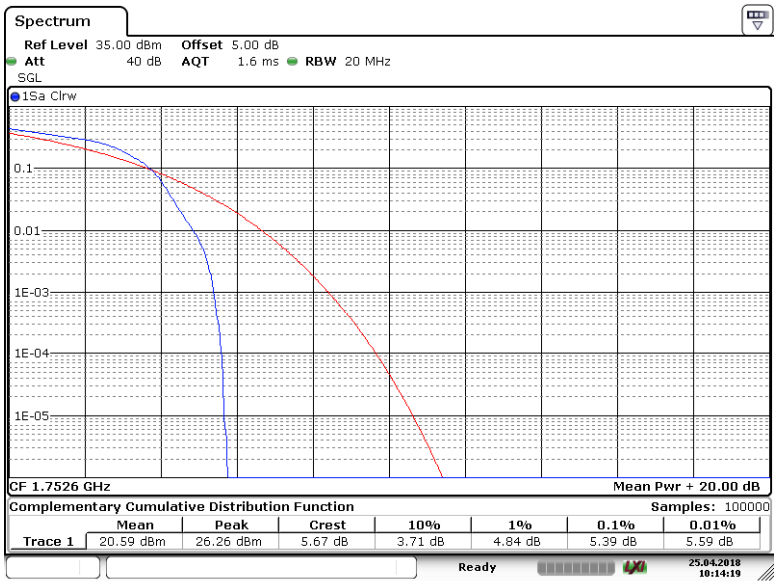
2.3.2.3. Test Channel = HCH

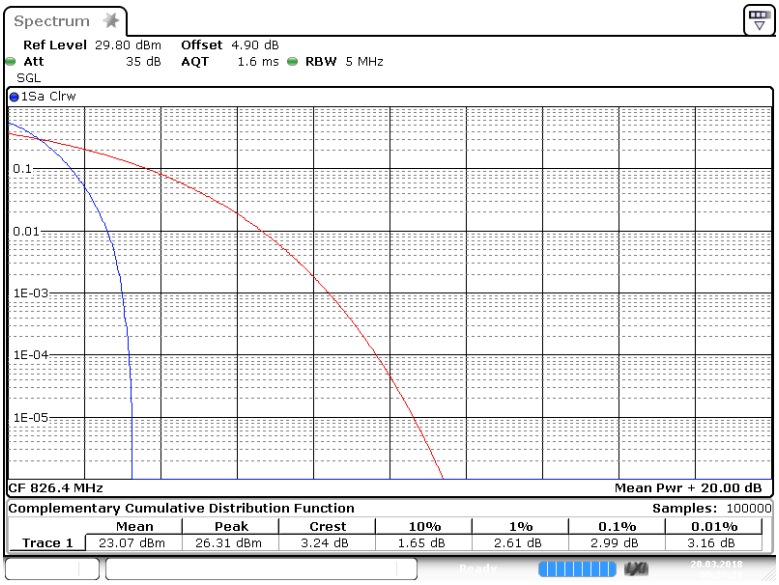


Date: 25.APR.2018 10:14:19

2.4.For WCDMA band V

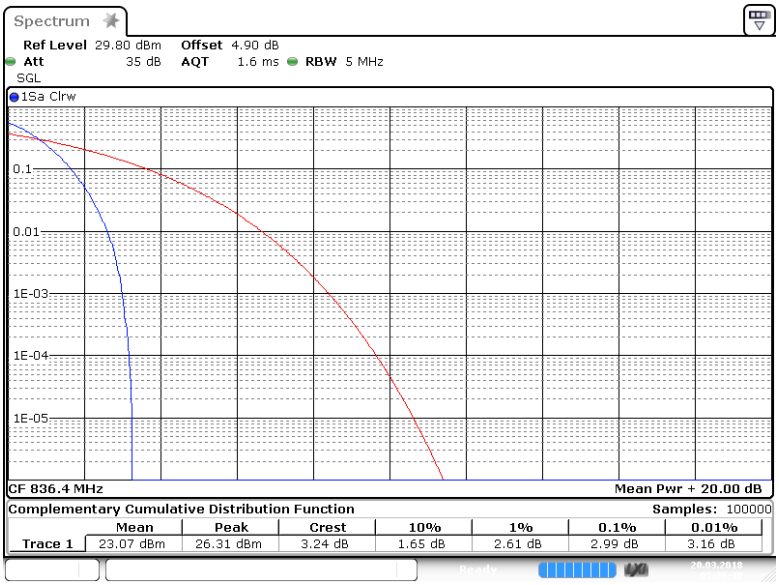
2.4.1. Test Mode = WCDMA/TM1

2.4.1.1. Test Channel = LCH



Date: 20.MAR.2018 05:25:31

2.4.1.2. Test Channel = MCH



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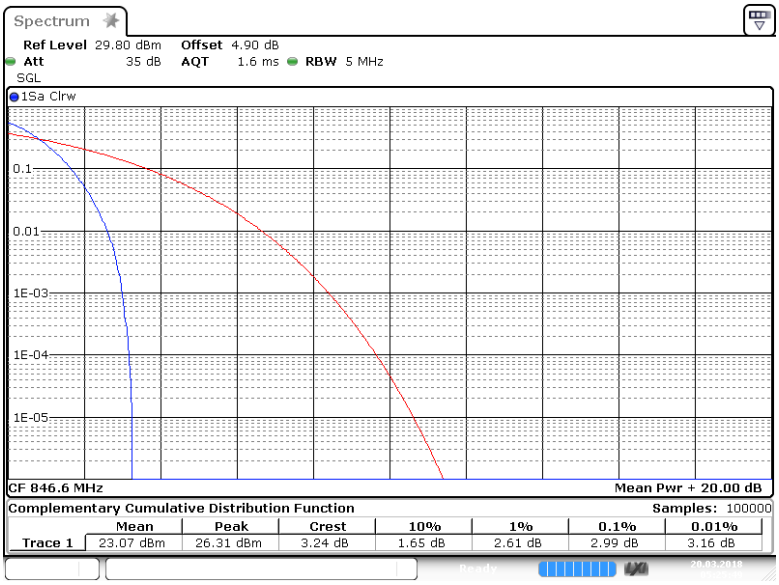
2.4.1.3. Test Channel = HCH



Date: 20.MAR.2018 05:25:49

2.4.2. Test Mode = WCDMA/TM2

2.4.2.1. Test Channel = LCH

Date: 25.APR.2018 10:23:01

2.4.2.2. Test Channel = MCH

Date: 25.APR.2018 10:22:14

2.4.2.3. Test Channel = HCH

Date: 25.APR.2018 10:21:38

3. Modulation Characteristics

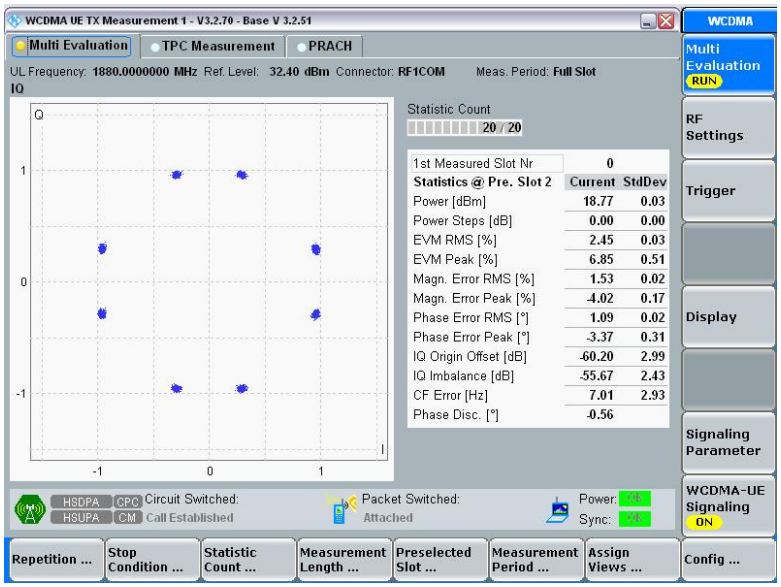
Part I - Test Plots

3.1. For WCDMA

3.1.1. Test Band = WCDMA1900

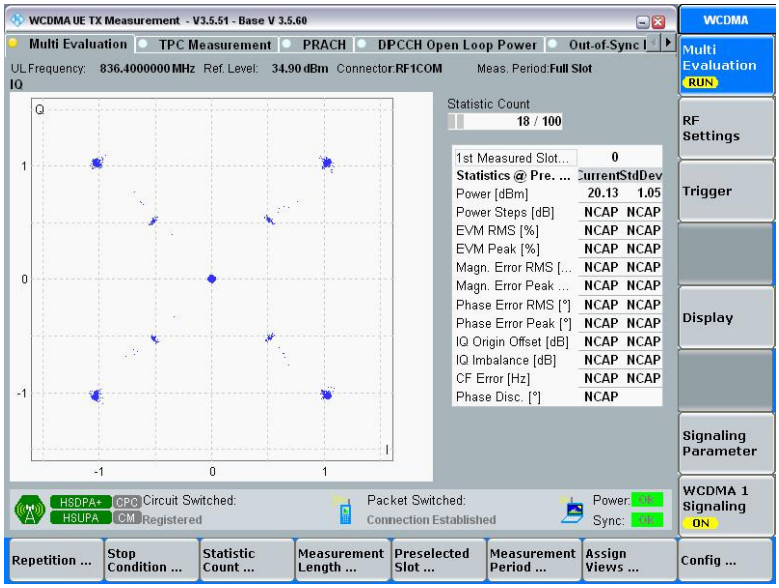
3.1.1.1. Test Mode = UMTS/TM1

3.1.1.1.1. Test Channel = MCH



3.1.1.2. Test Mode = UMTS/TM2

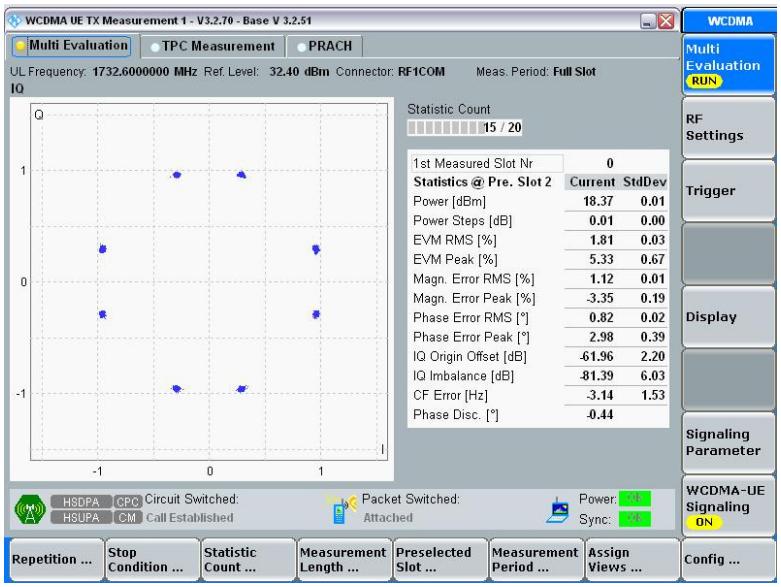
3.1.1.2.1. Test Channel = MCH



3.1.2. Test Band = WCDMA1700

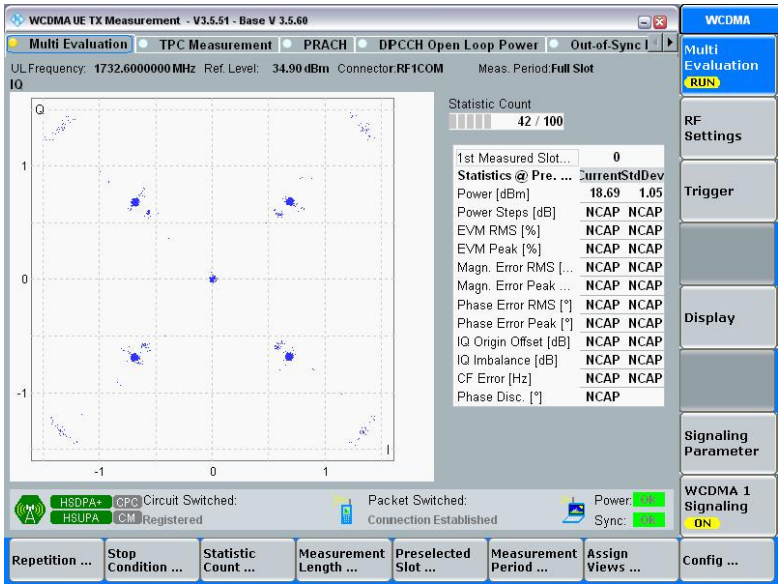
3.1.2.1. Test Mode = UMTS/TM1

3.1.2.1.1. Test Channel = MCH



3.1.2.2. Test Mode = UMTS/TM2

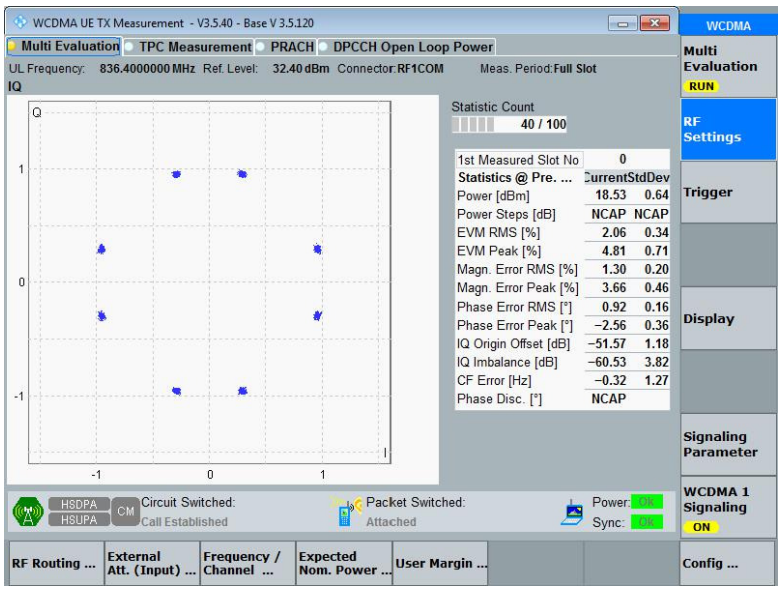
3.1.2.2.1. Test Channel = MCH



3.1.3. Test Band = WCDMA850

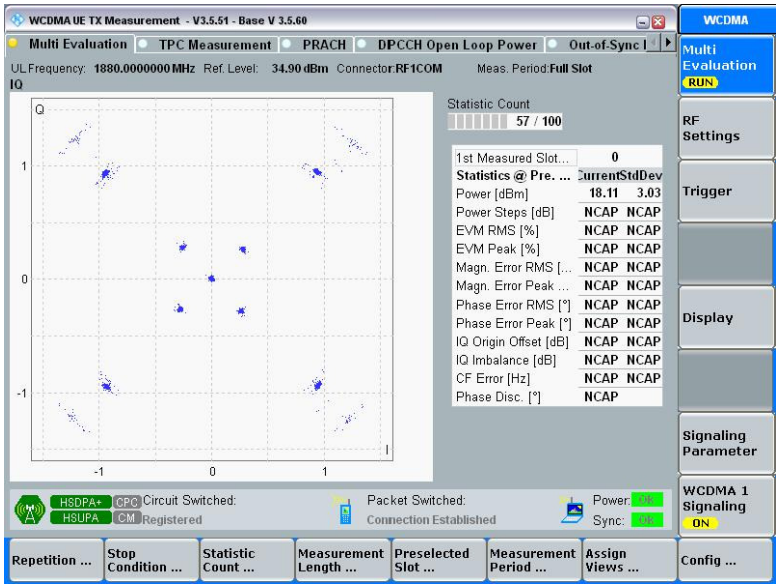
3.1.3.1. Test Mode = UMTS /TM1

3.1.3.1.1. Test Channel = MCH



3.1.3.2. Test Mode = UMTS /TM2

3.1.3.2.1. Test Channel = MCH

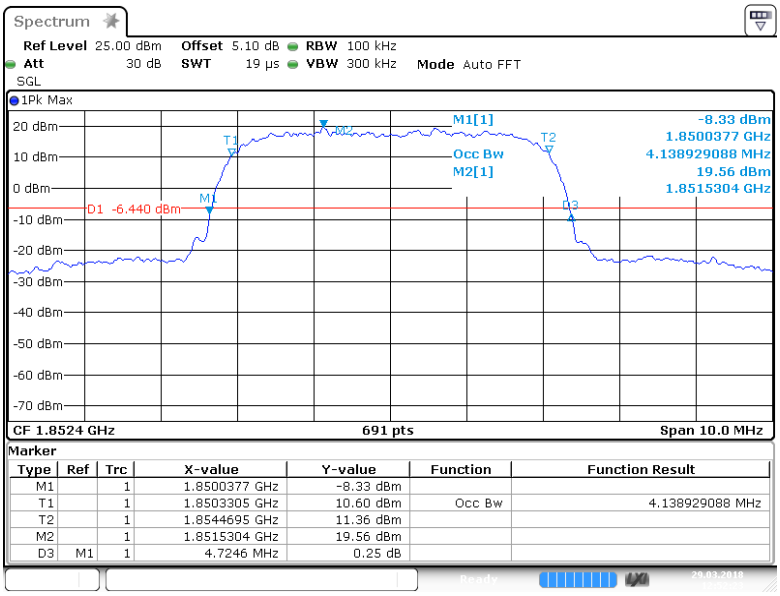


4. 26dB Bandwidth and Occupied Bandwidth

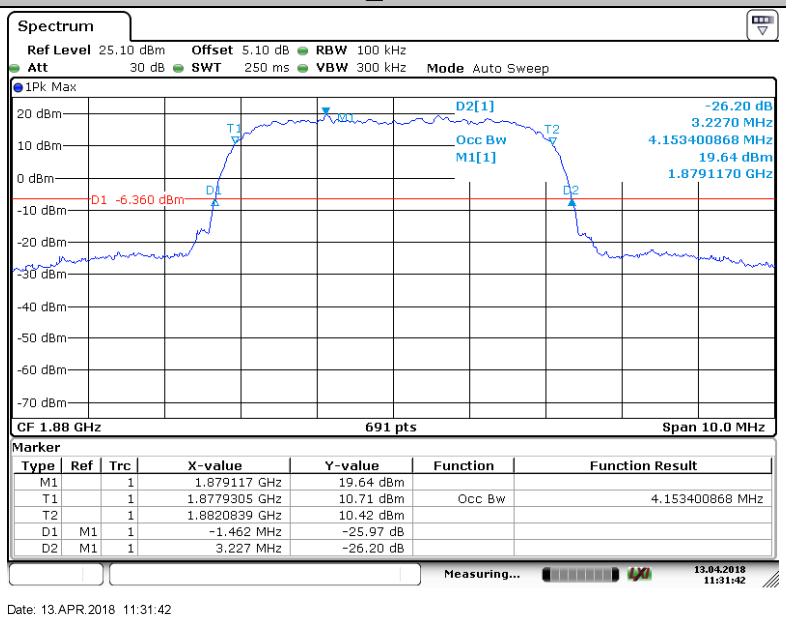
4.1. Test Result

Band	Test Mode	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band II	TM1	9262	4138.9	4725	---	PASS
		9400	4153.4	4710	---	PASS
		9538	4153.4	4710	---	PASS
	TM2	9262	4165.8	4655	---	PASS
		9400	4165.8	4665	---	PASS
		9538	4155.8	4675	---	PASS
Band IV	TM1	1312	4153.4	4725	---	PASS
		1413	4153.4	4696	---	PASS
		1513	4153.4	4725	---	PASS
	TM2	9262	4175.8	4675	---	PASS
		9400	4175.8	4695	---	PASS
		9538	4175.8	4705	---	PASS
Band V	TM1	4132	4153.4	4696	---	PASS
		4182	4153.4	4710	---	PASS
		4233	4153.4	4710	---	PASS
	TM2	9262	4185.8	4685	---	PASS
		9400	4165.3	4665	---	PASS
		9538	4165.8	4655	---	PASS

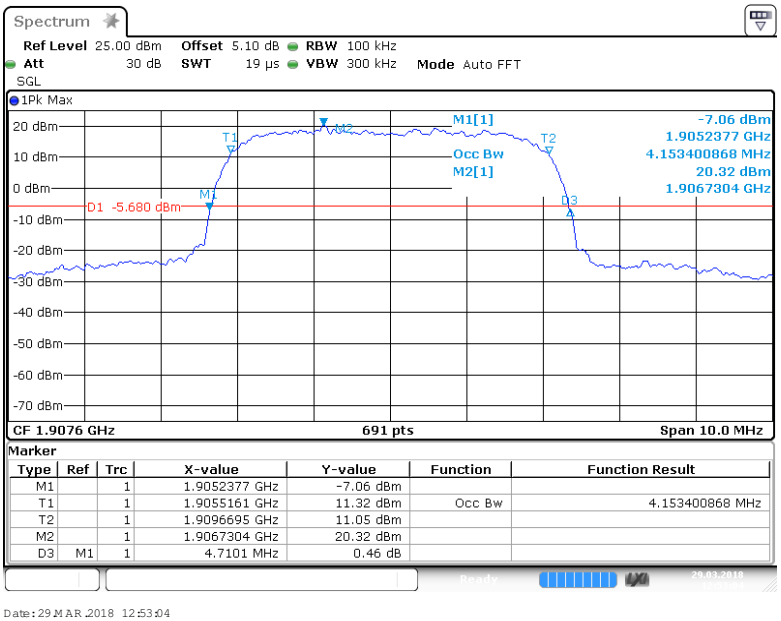
4.2. Test Plots



Band II_9262 TM1

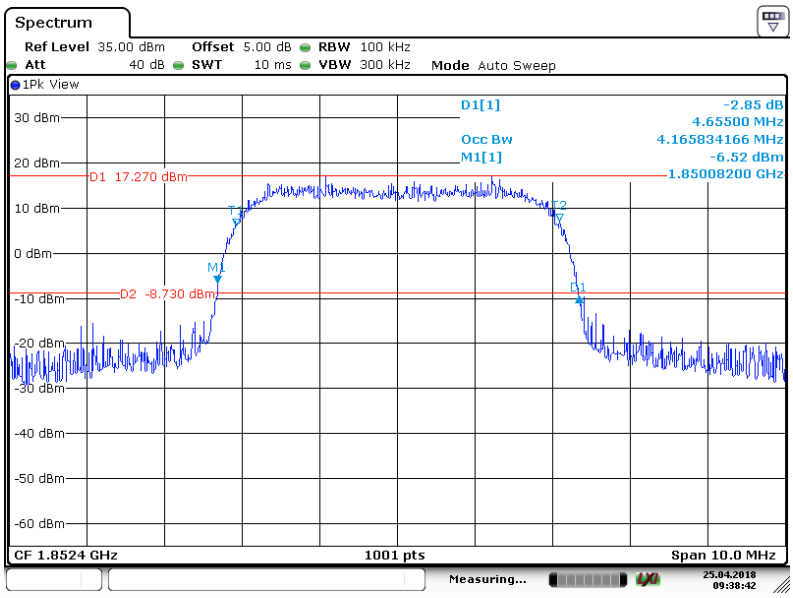


Band II_9400 TM1



Date: 29.MAR.2018 12:53:04

Band II_9538 TM1



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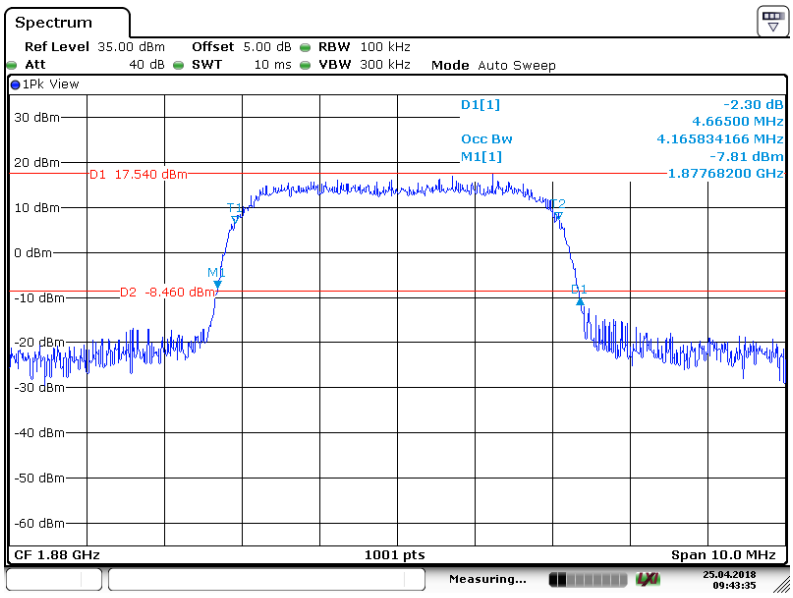
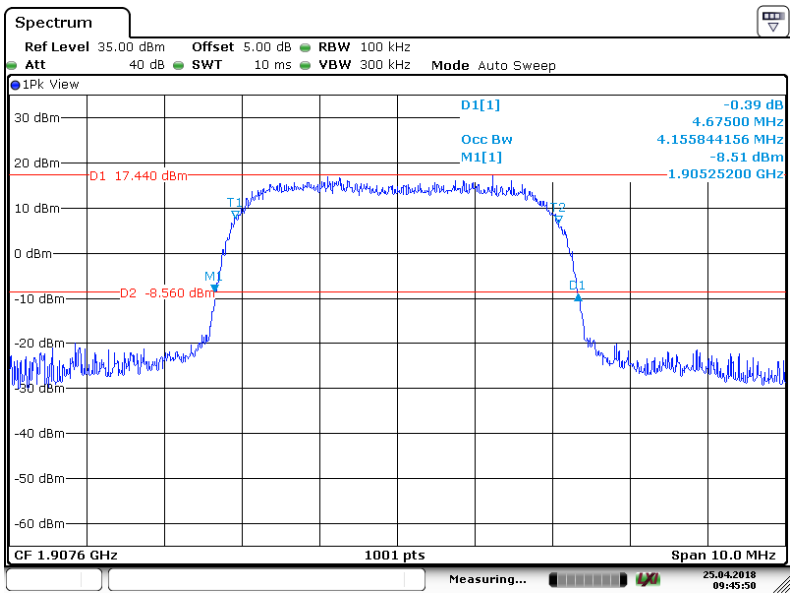
Band II_9262 TM2



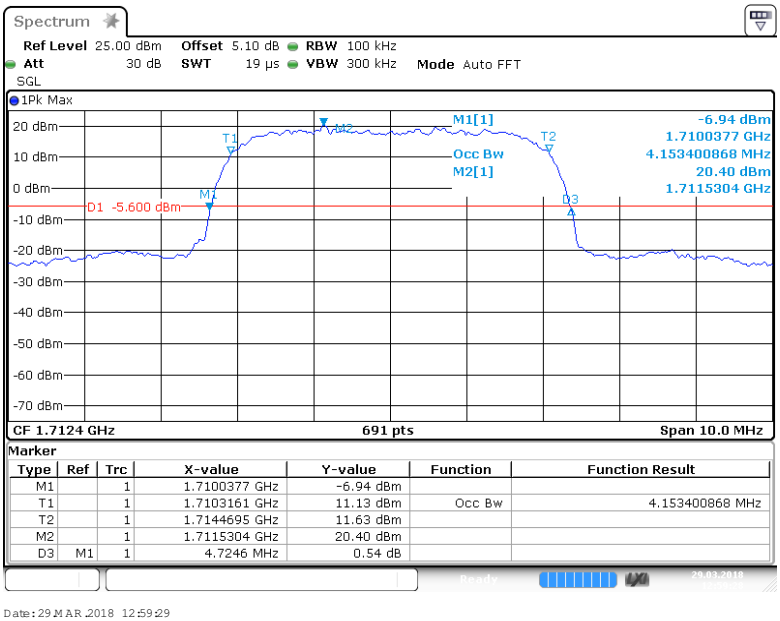
Date: 25.APR.2018 09:43:35

Band II_9400 TM2

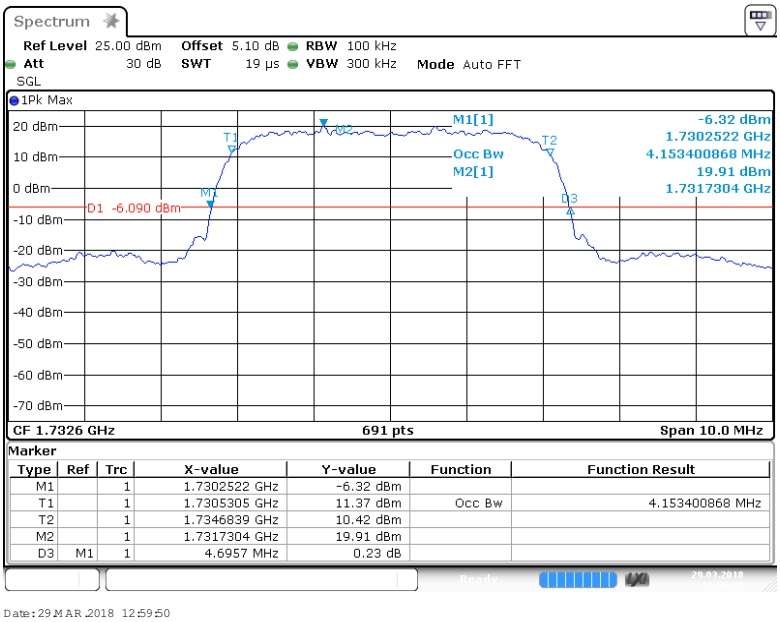


Date: 25.APR.2018 09:45:50

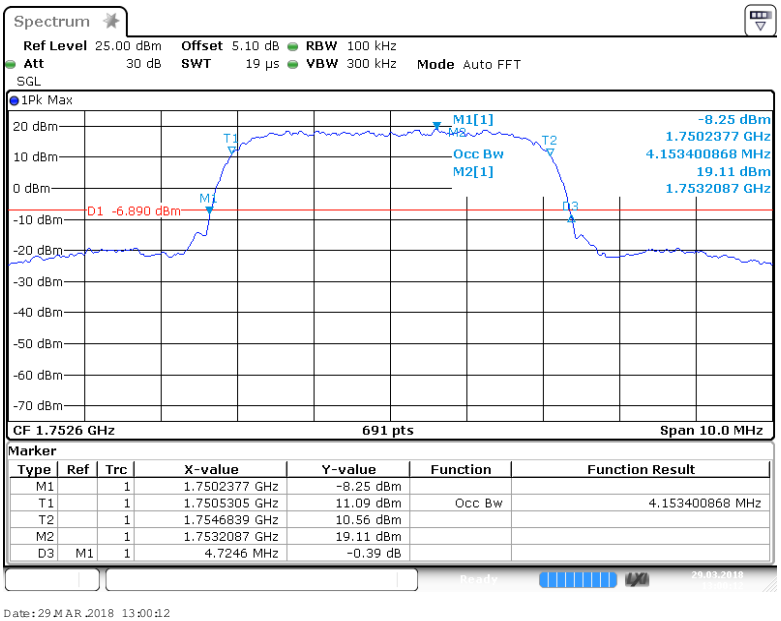
Band II_9538 TM2



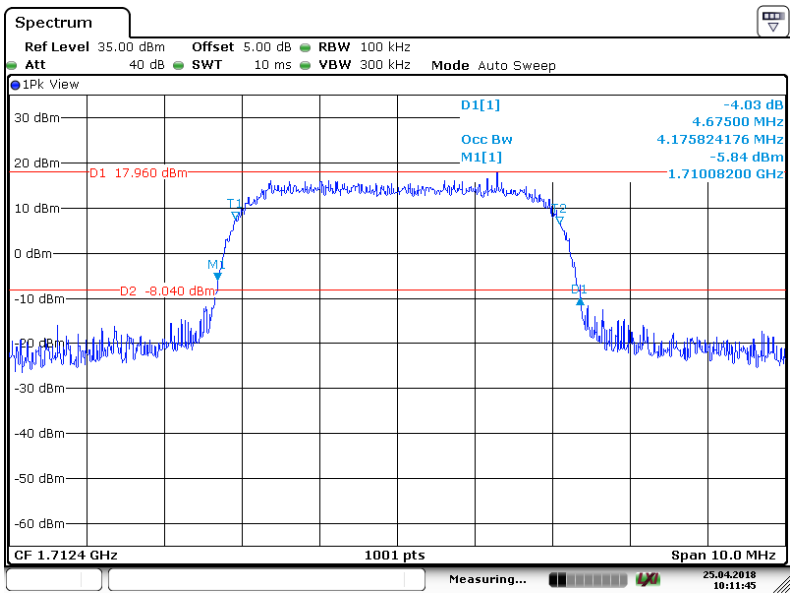
Band IV_1312 TM1



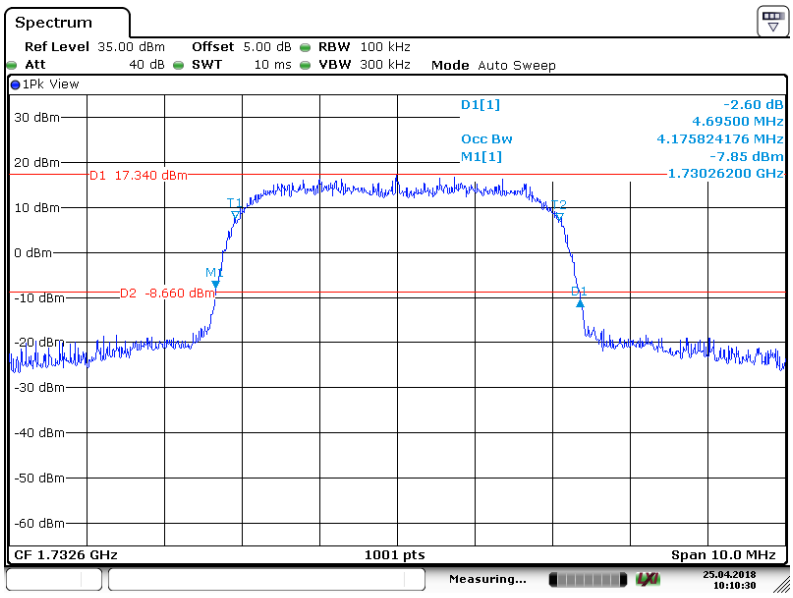
Band IV_1413 TM1



Band IV_1513 TM1

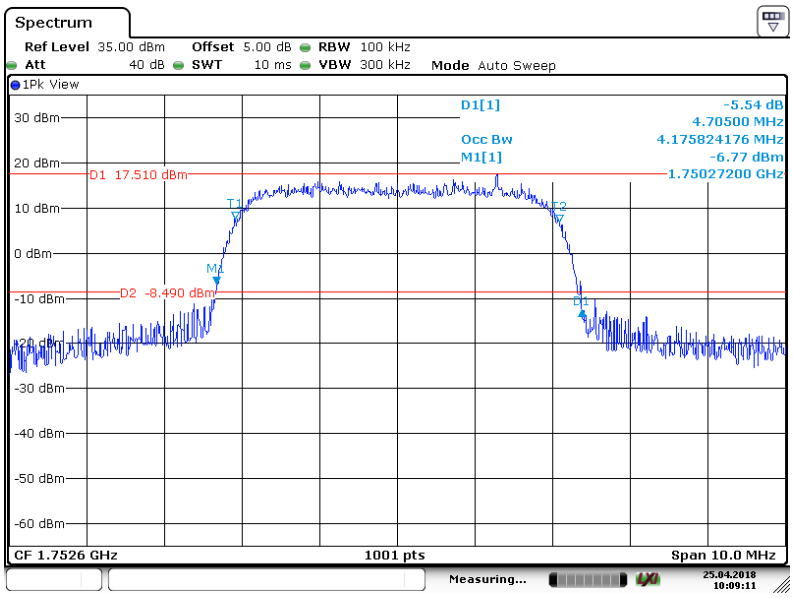


Band IV_1312 TM2



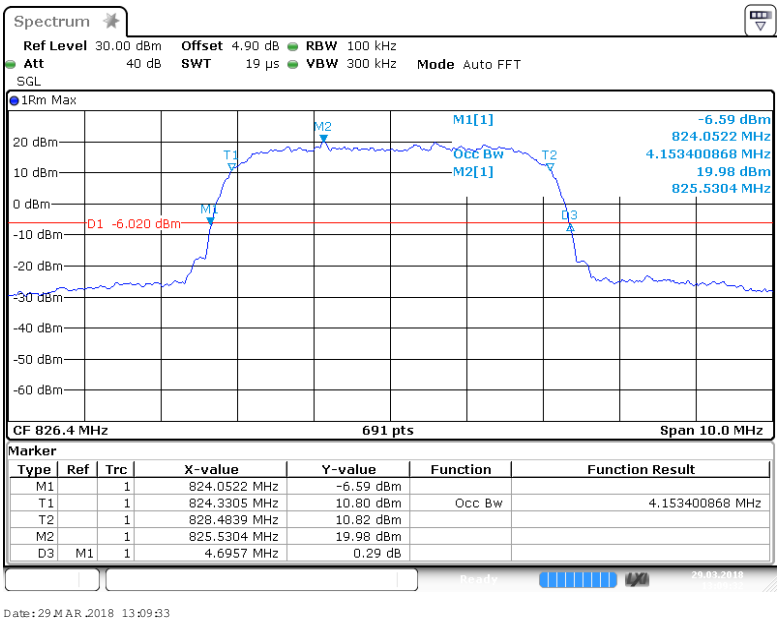
Date: 25.APR.2018 10:10:31

Band IV_1413 TM2

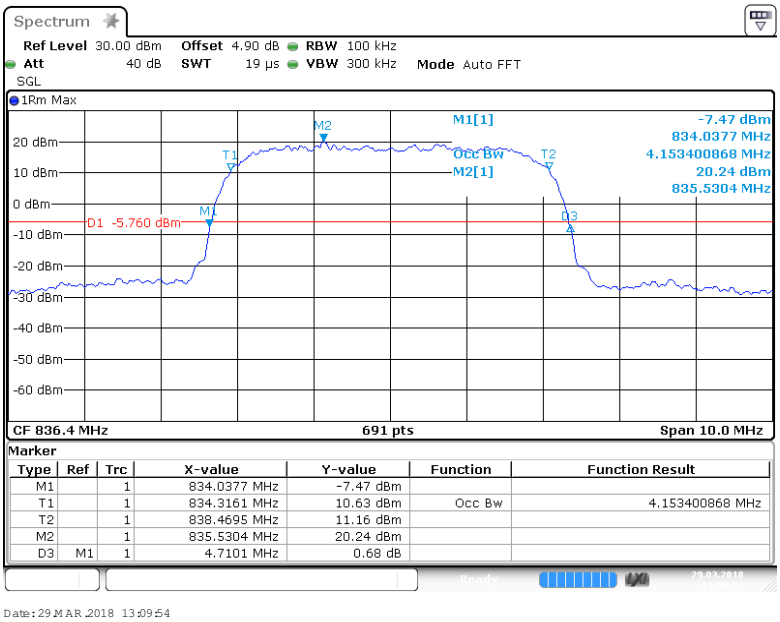


Date: 25.APR.2018 10:09:11

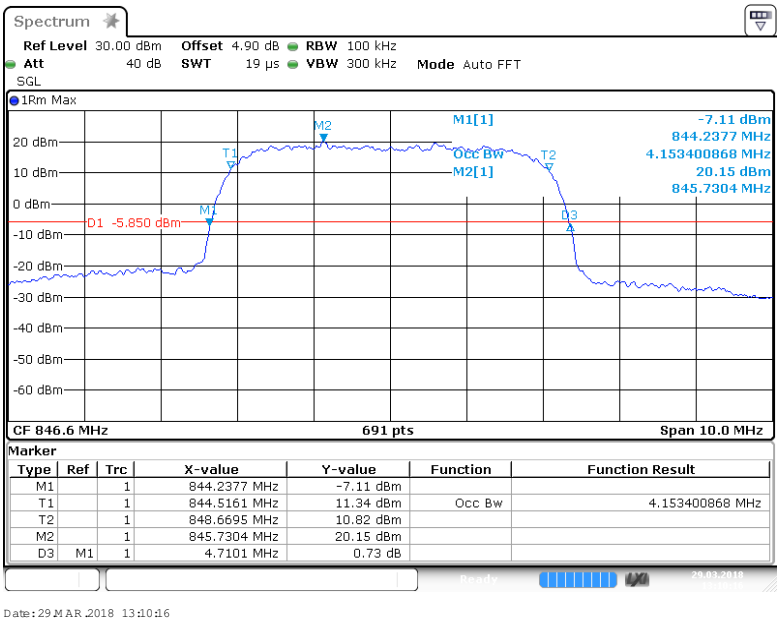
Band IV_1513 TM2



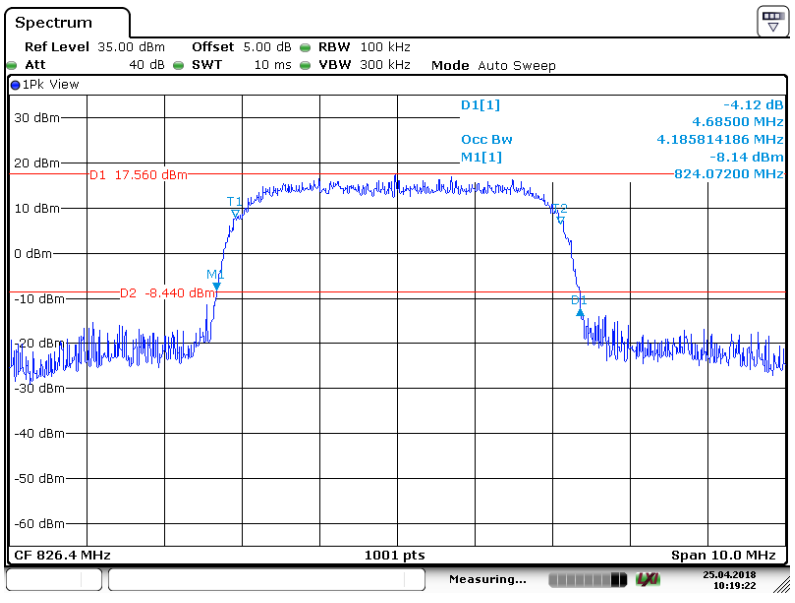
Band V_4132 TM1



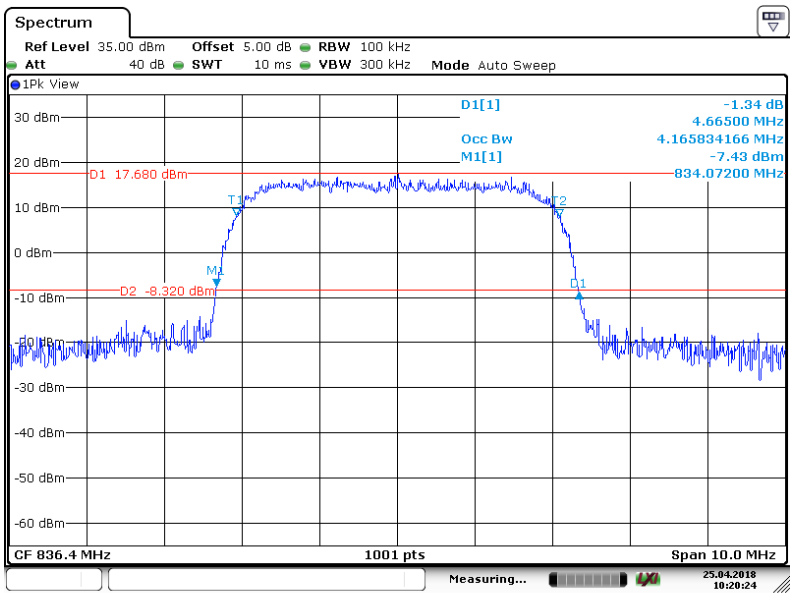
Band V_4182 TM1



Band V_4233 TM1



Band V_4132 TM2



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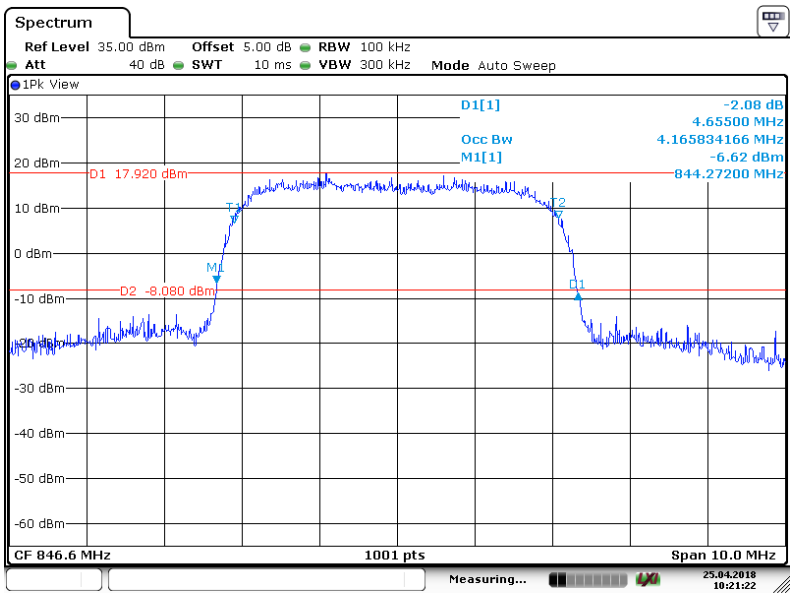
Band V_4182 TM2



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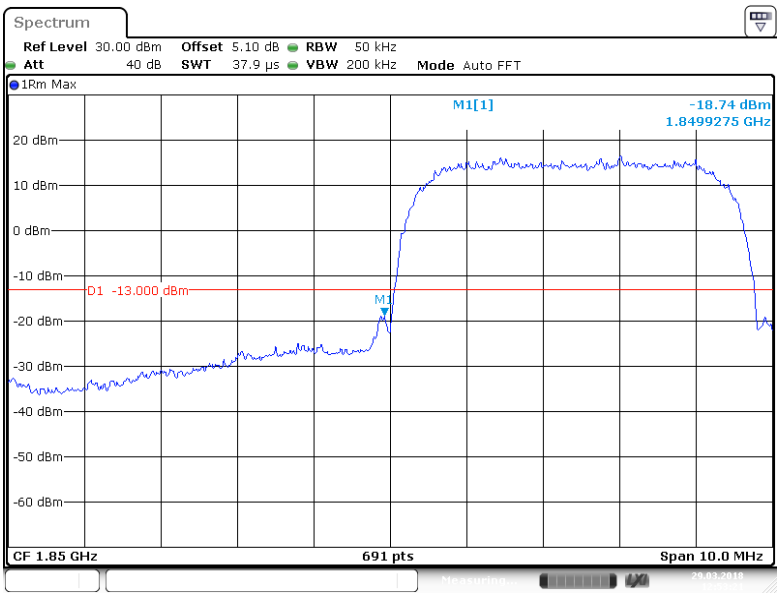
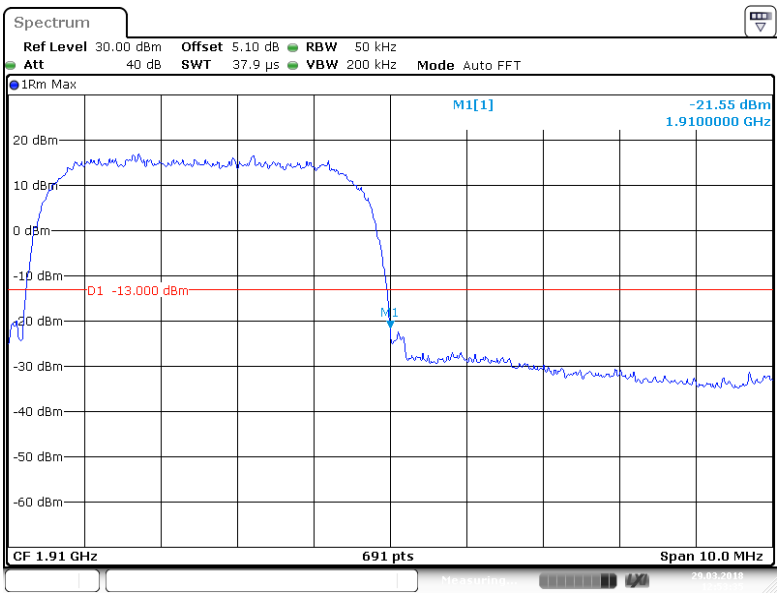
Band V_4233 TM2

5. Band Edge

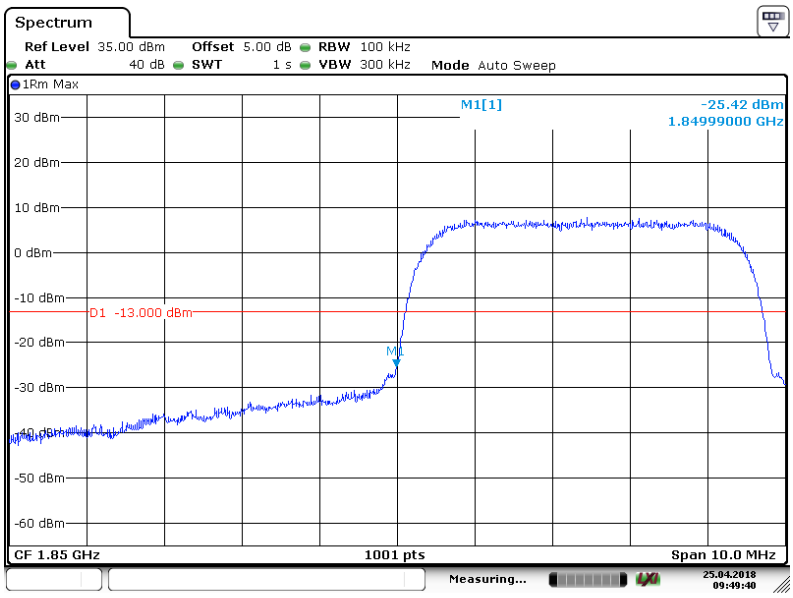
5.1. Test Plots



Band II_9262 TM1



Band II_9538 TM1



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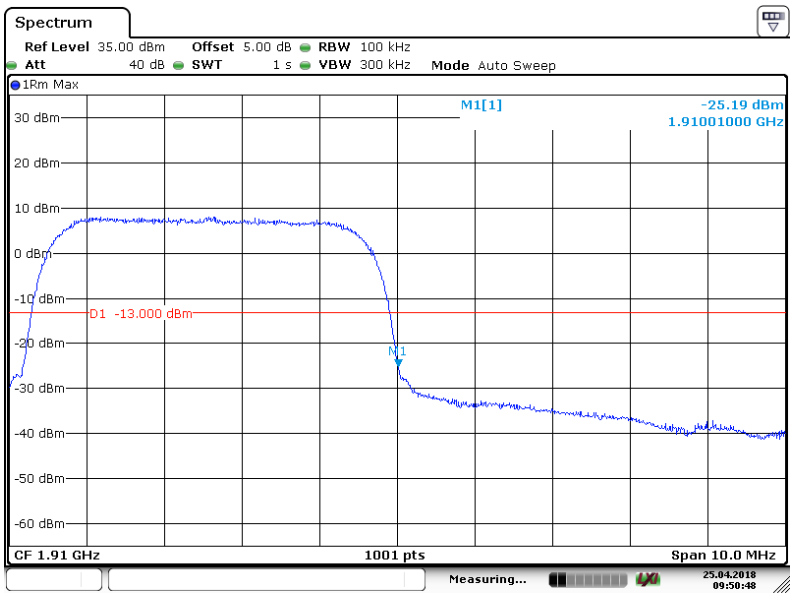
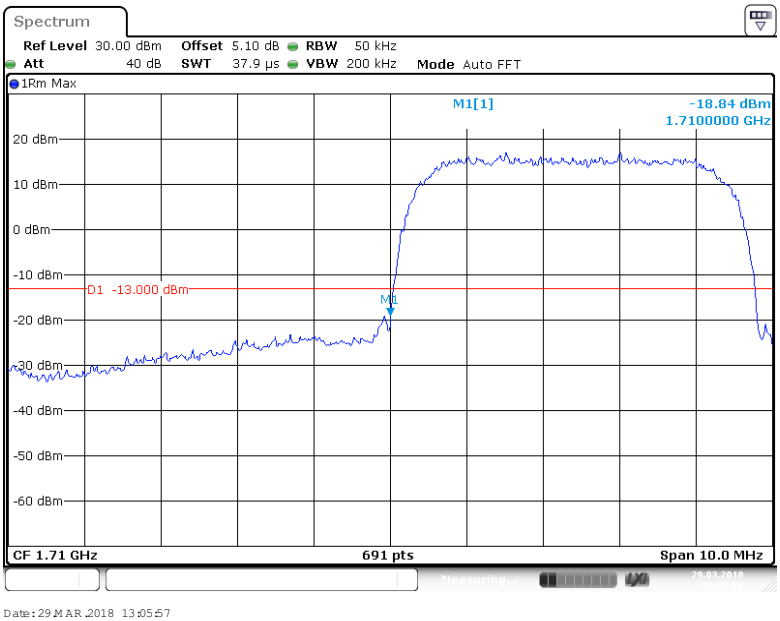
Band II_9262 TM2

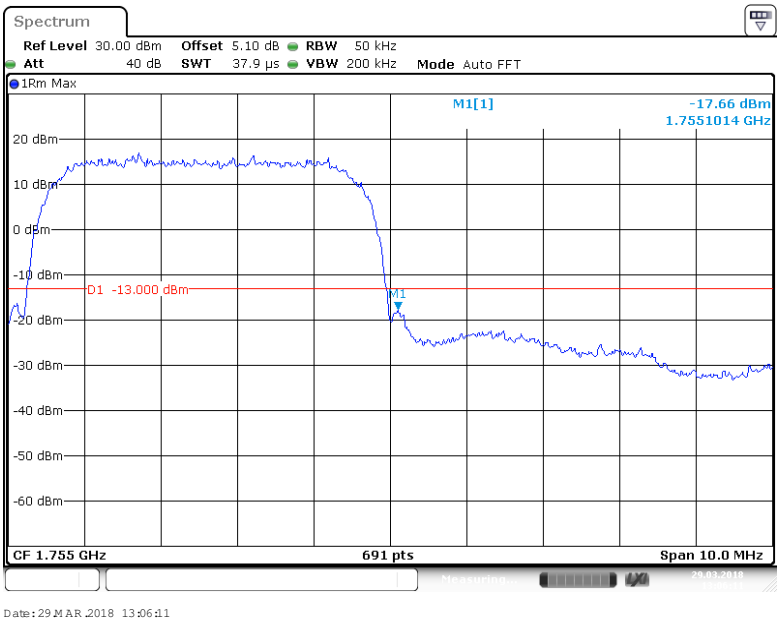


Date: 25.APR.2018 09:50:49

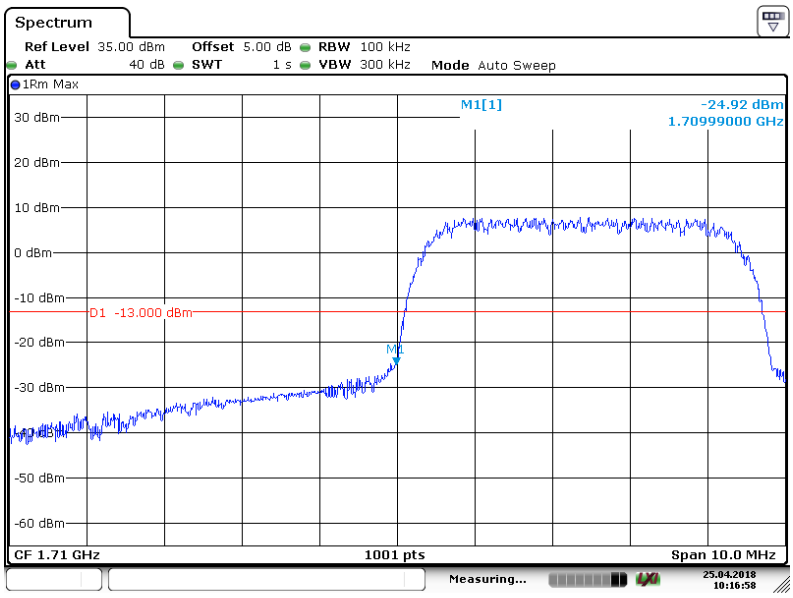
Band II_9538 TM2



Band IV_1312 TM1



Band IV_1513 TM1



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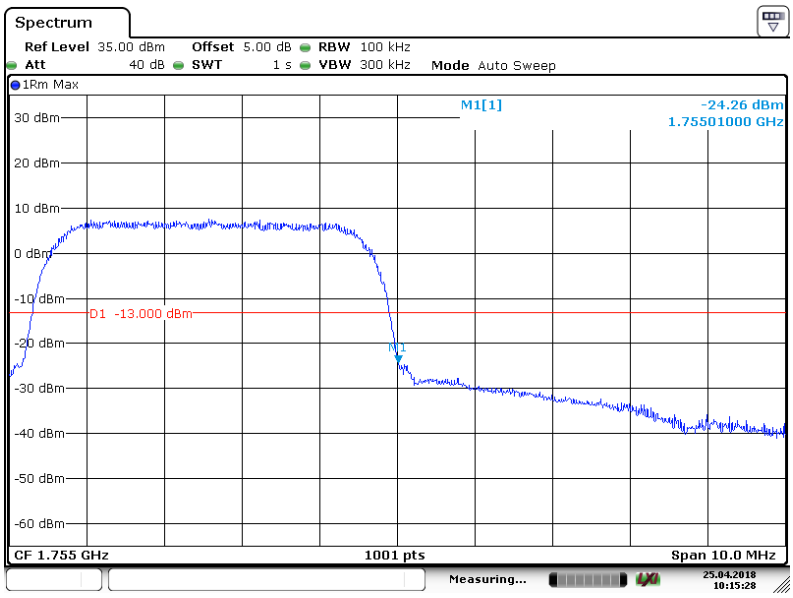

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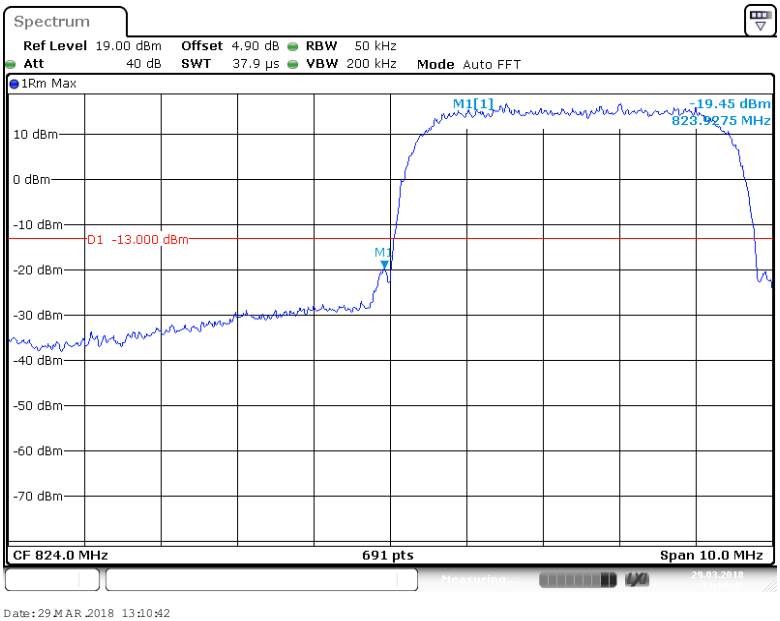

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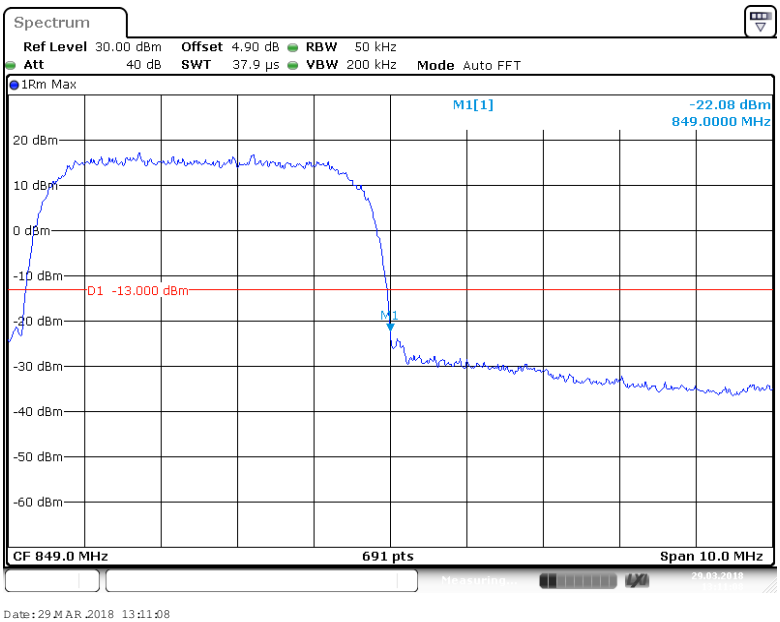

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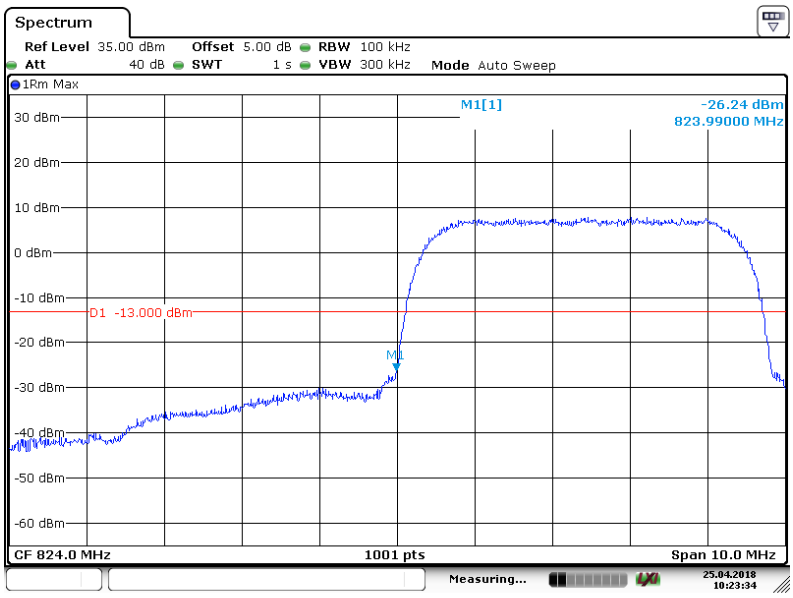

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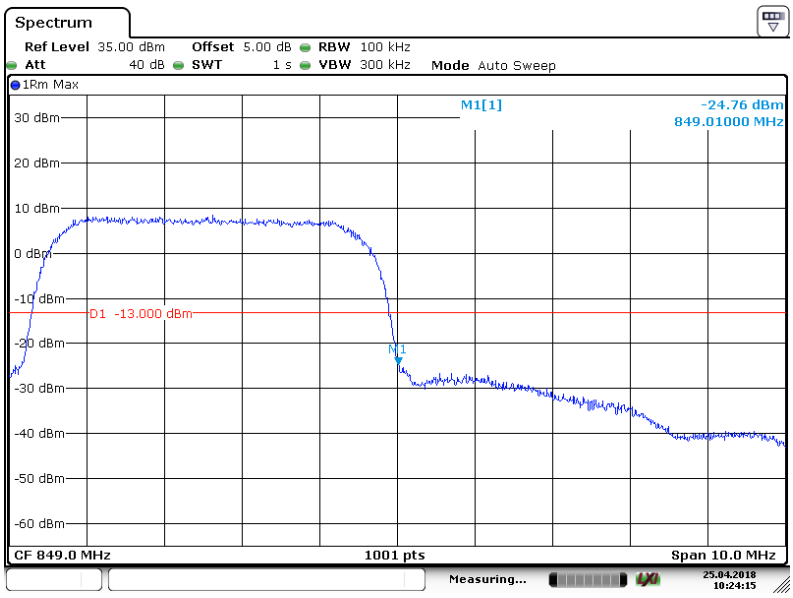

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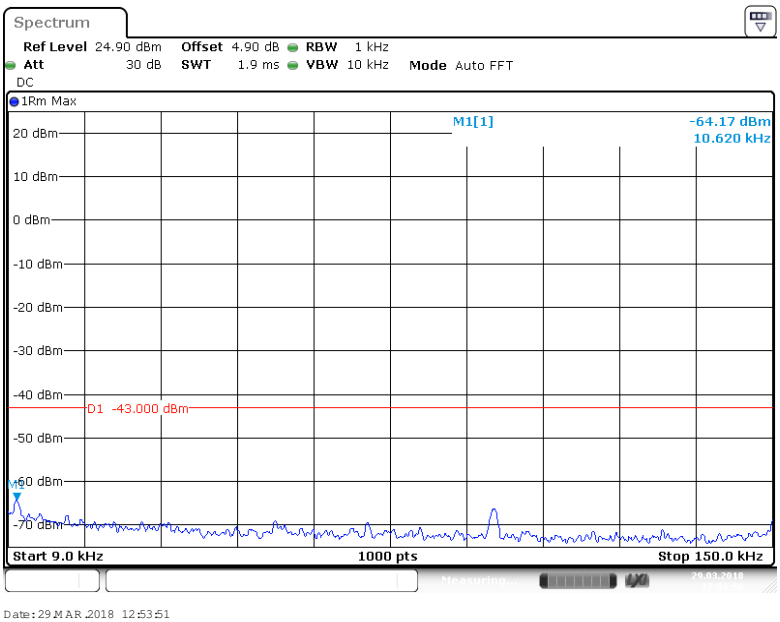
Band V_4233 TM2

6. Conducted Spurious Emission

6.1. Test Plots



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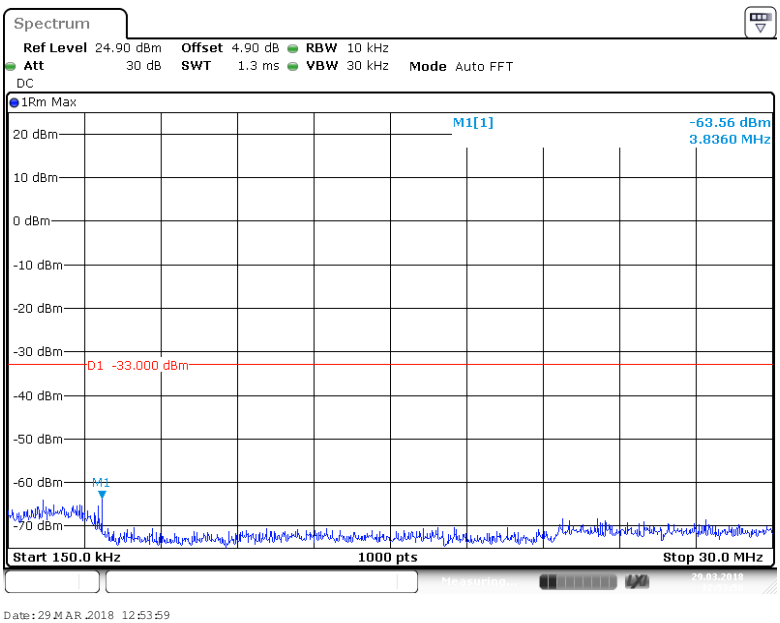

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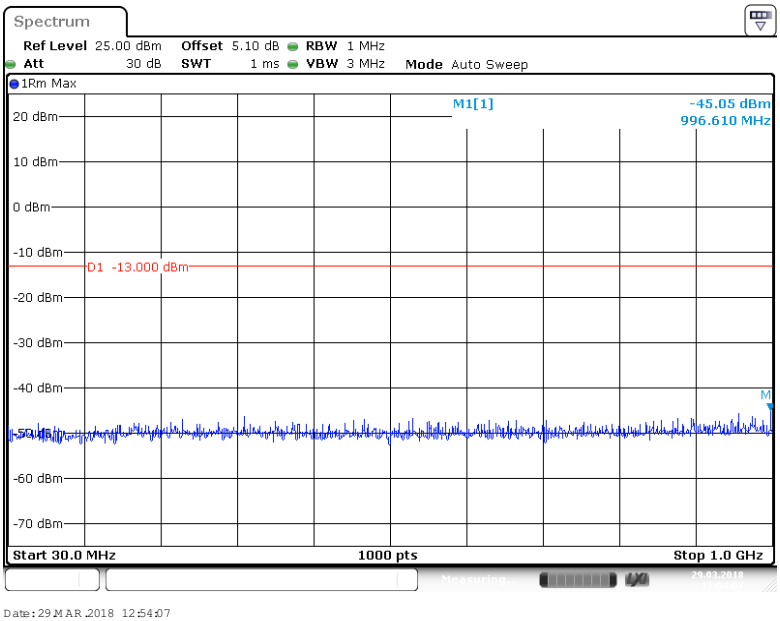

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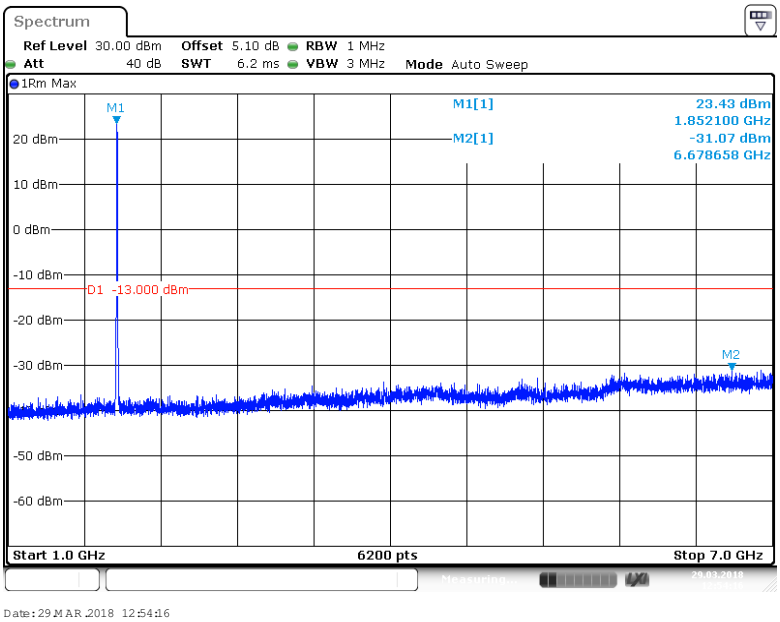

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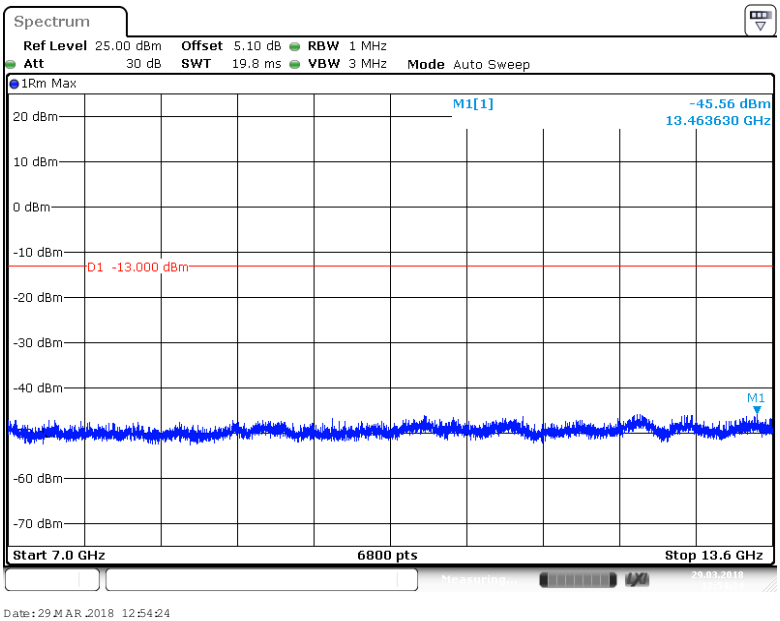

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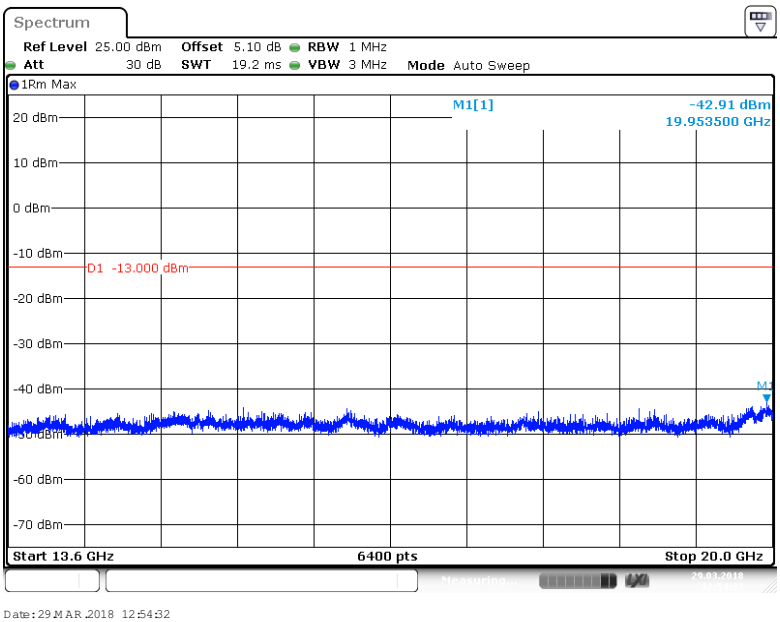

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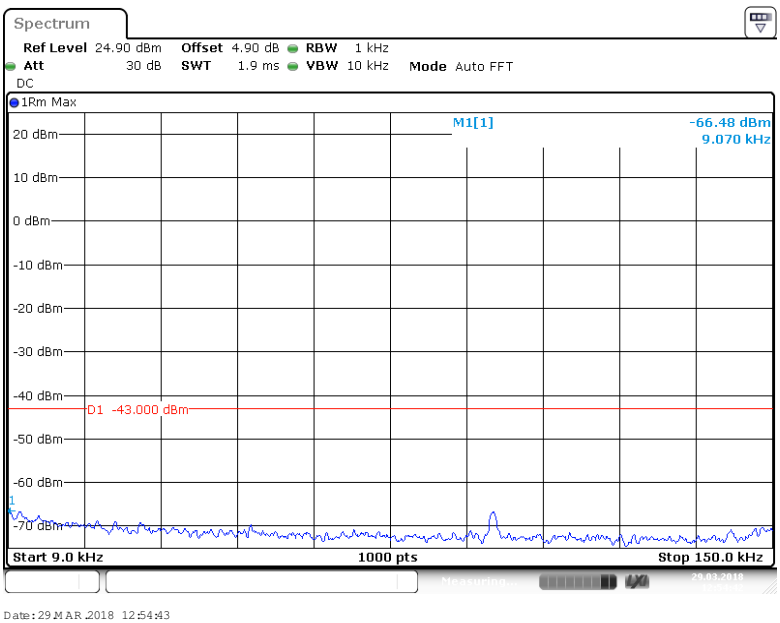

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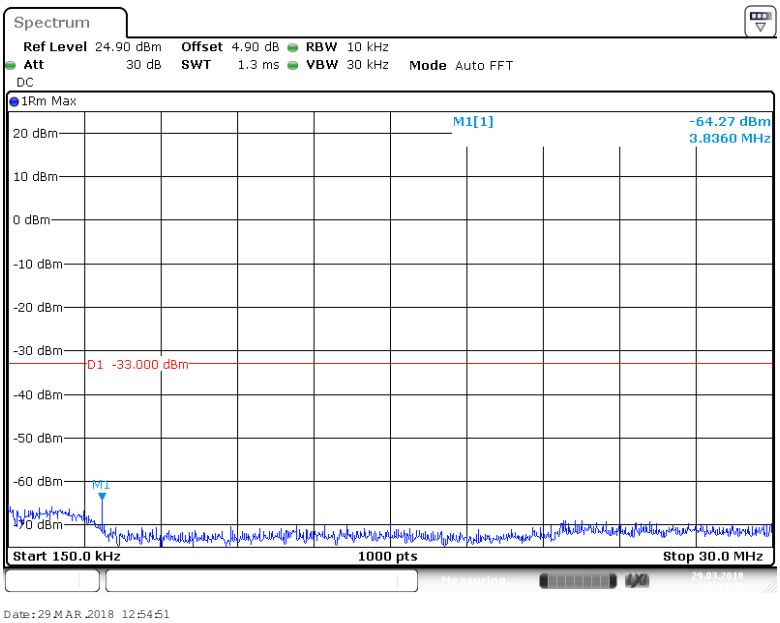

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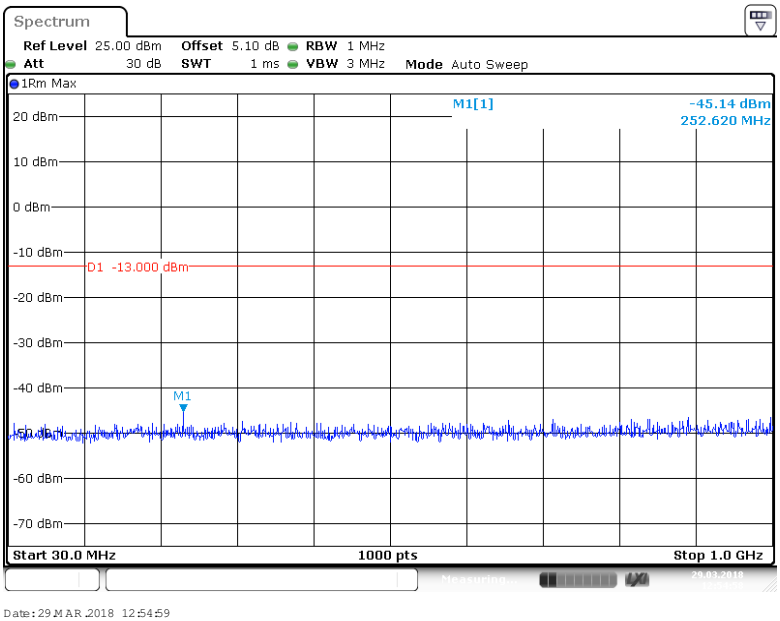

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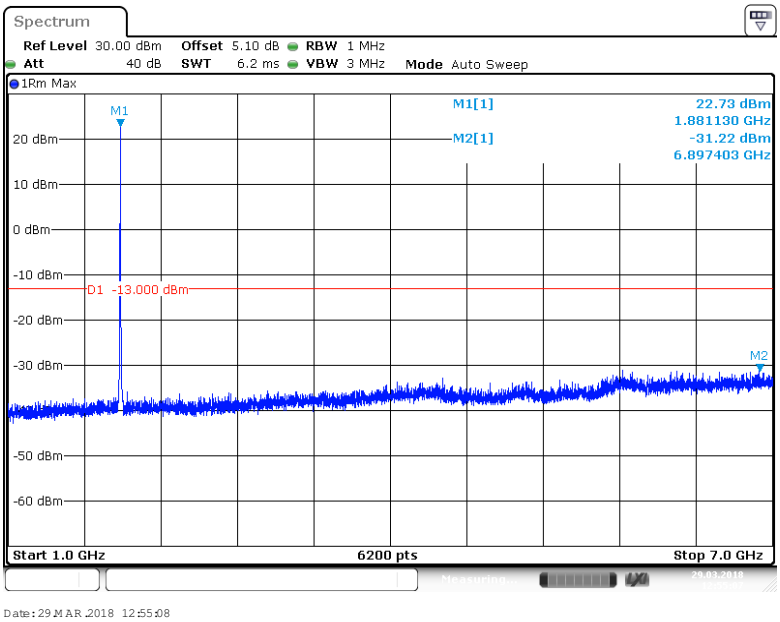

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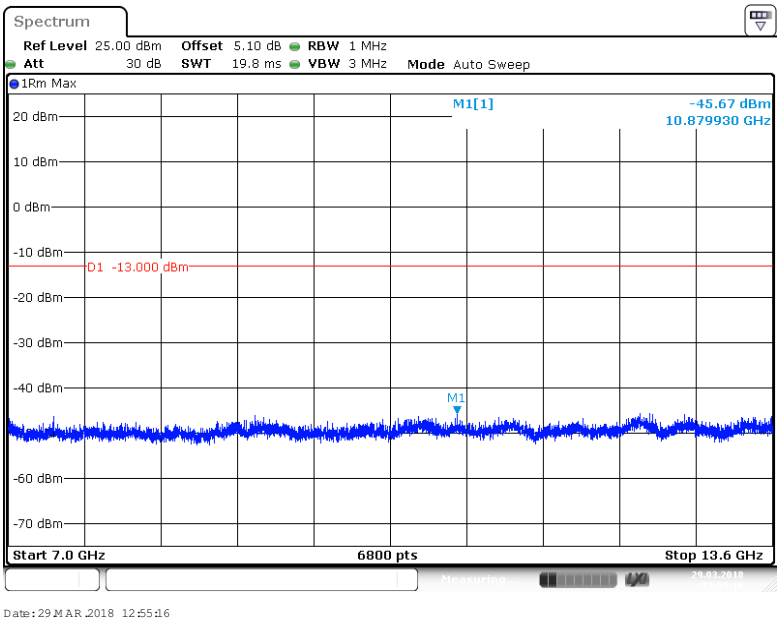

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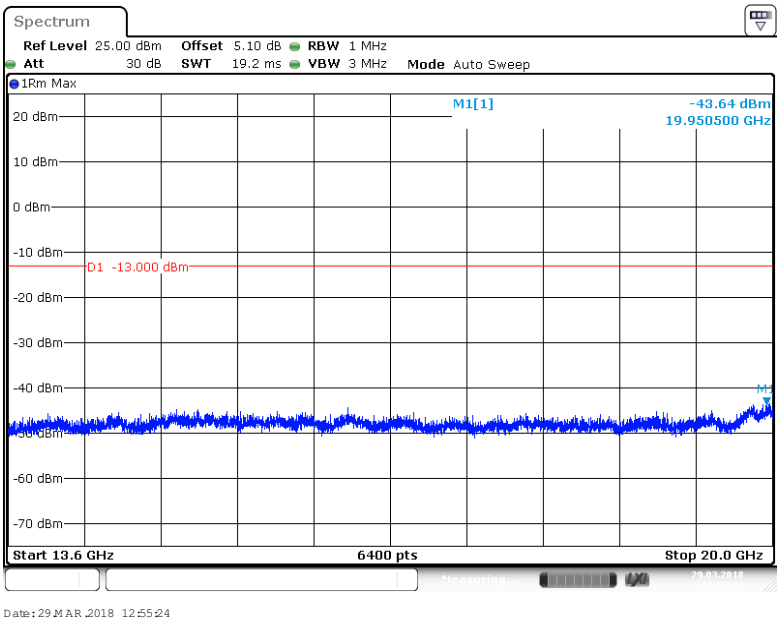

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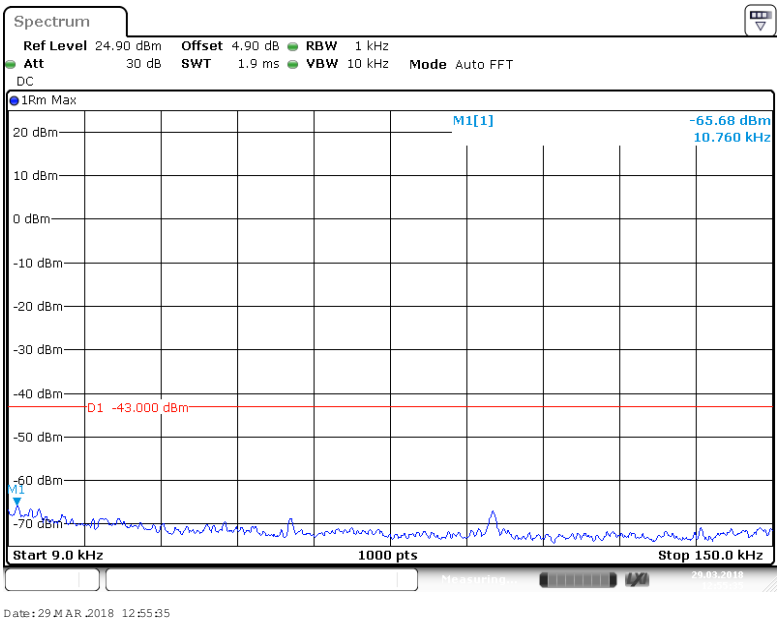

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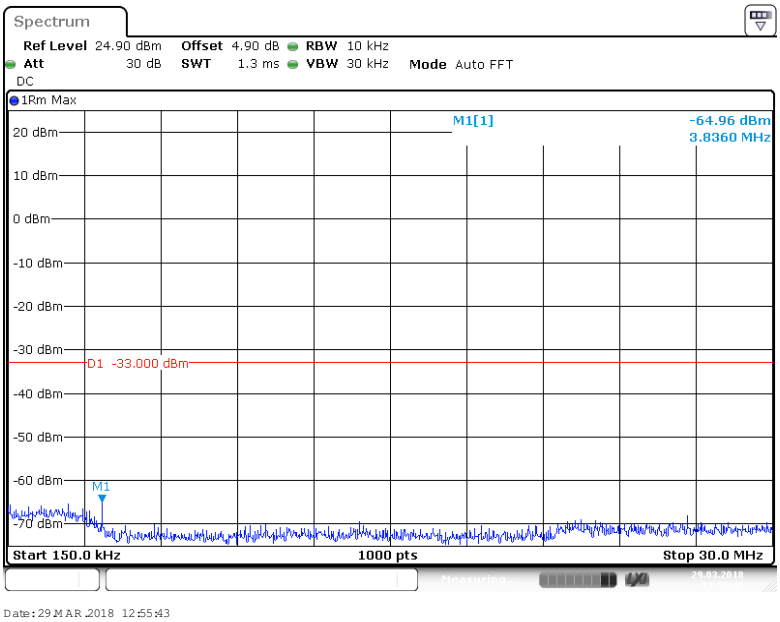

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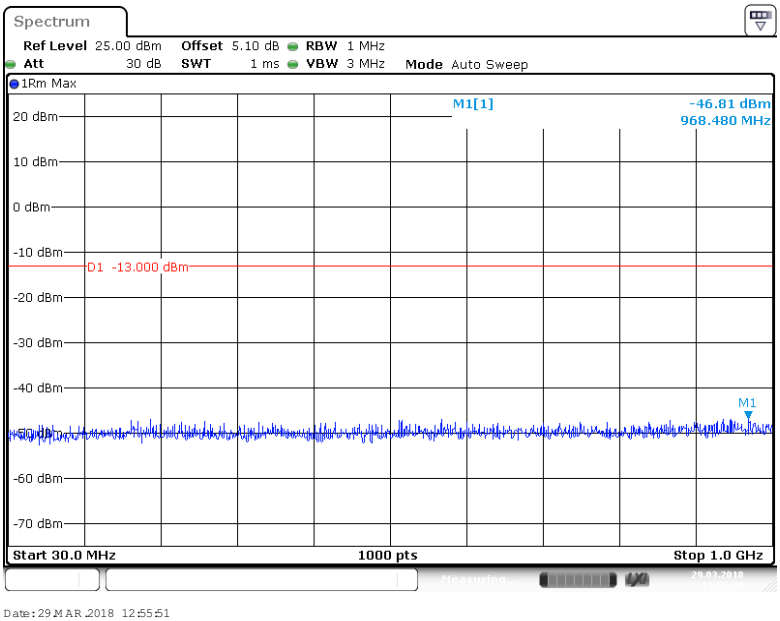

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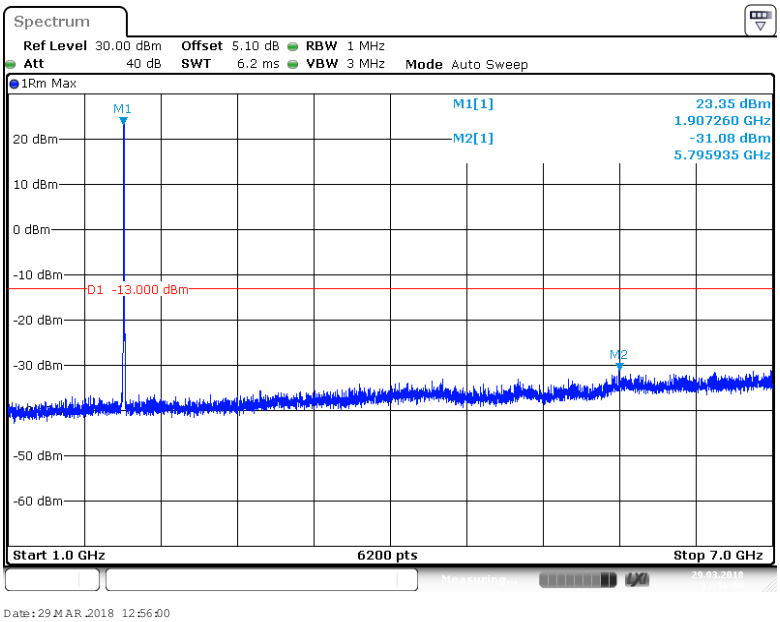

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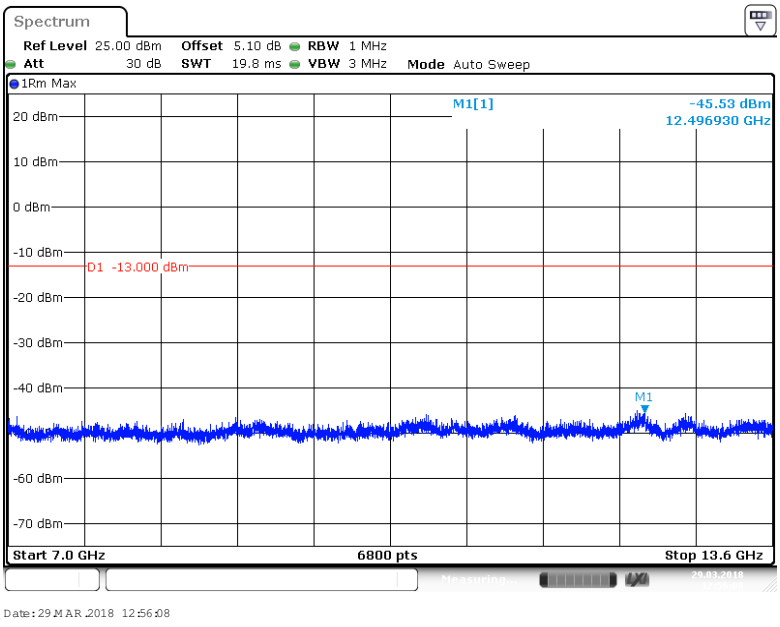

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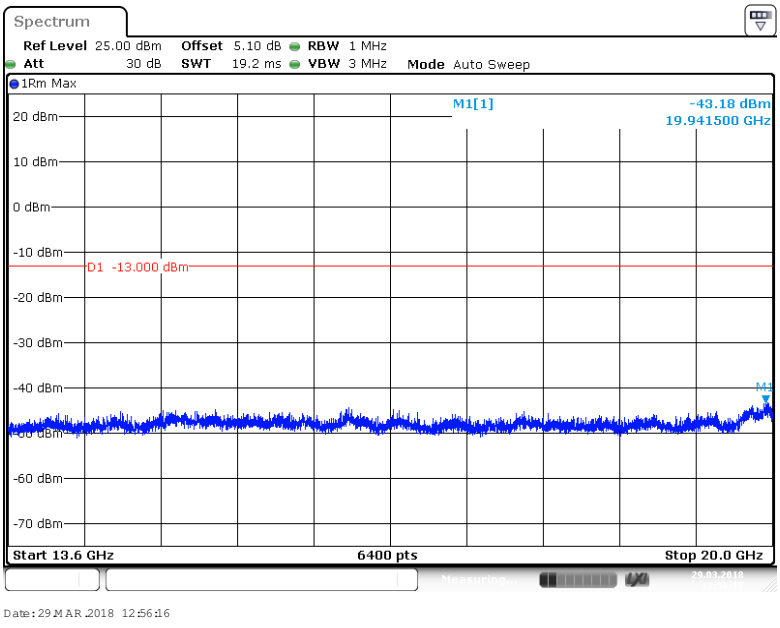

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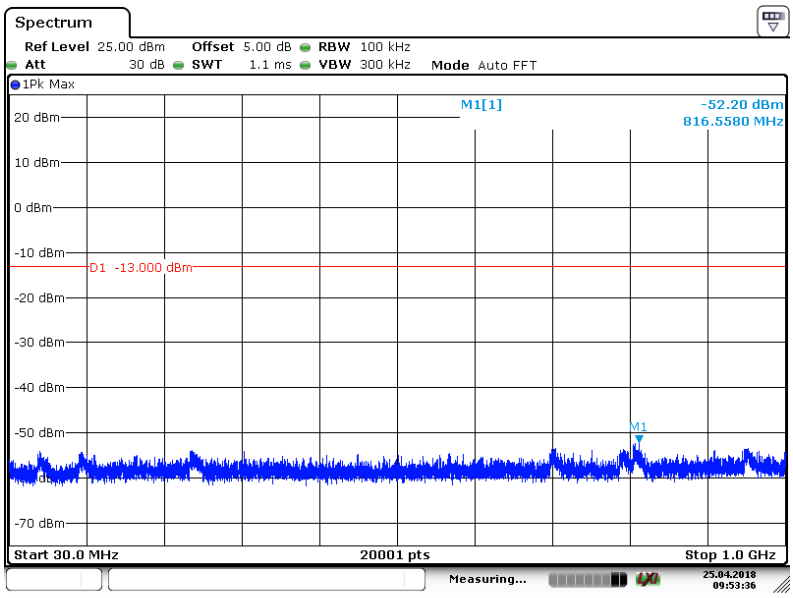

Date: 25.APR.2018 09:53:36

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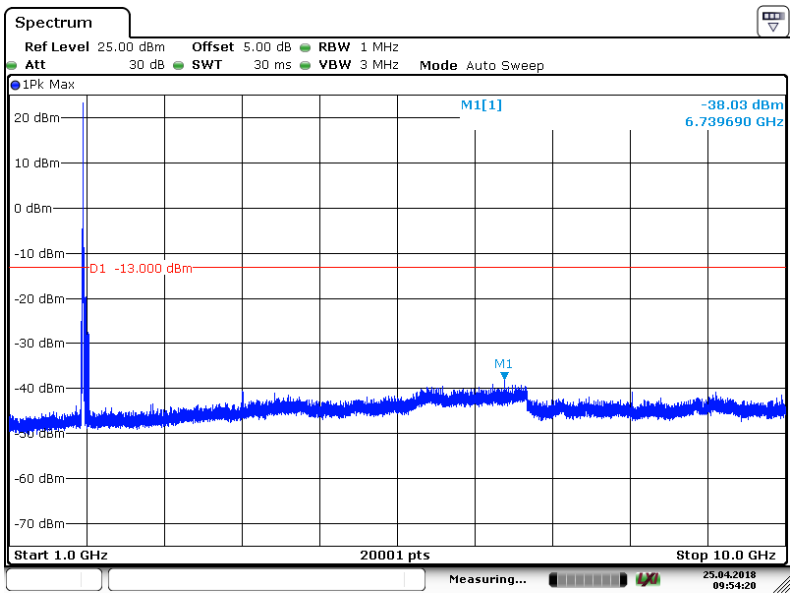

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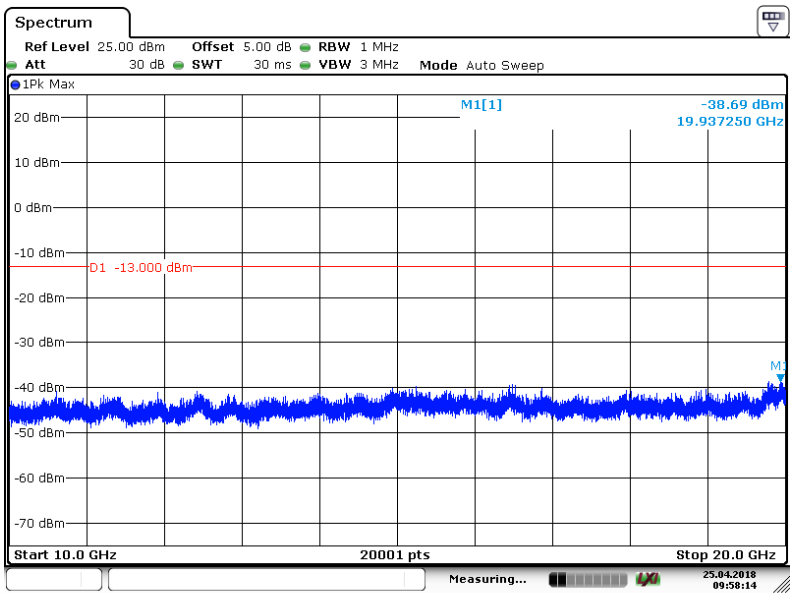

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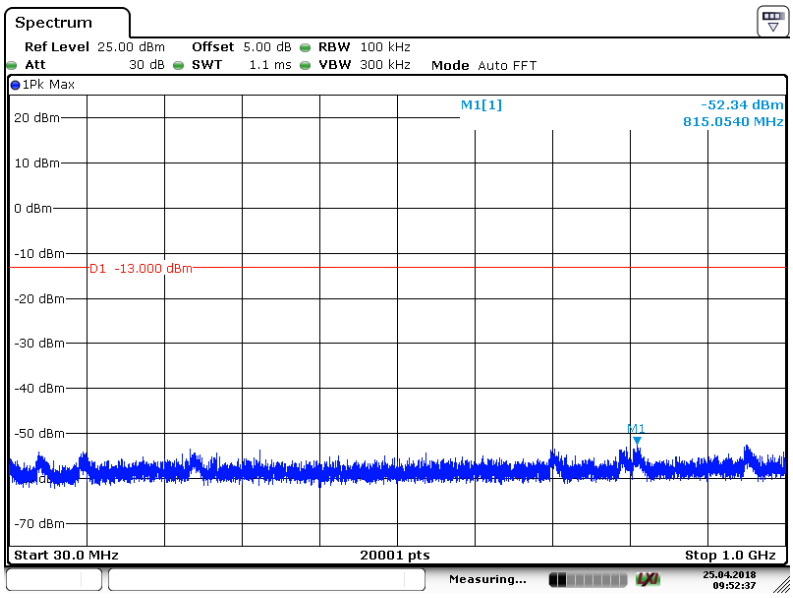

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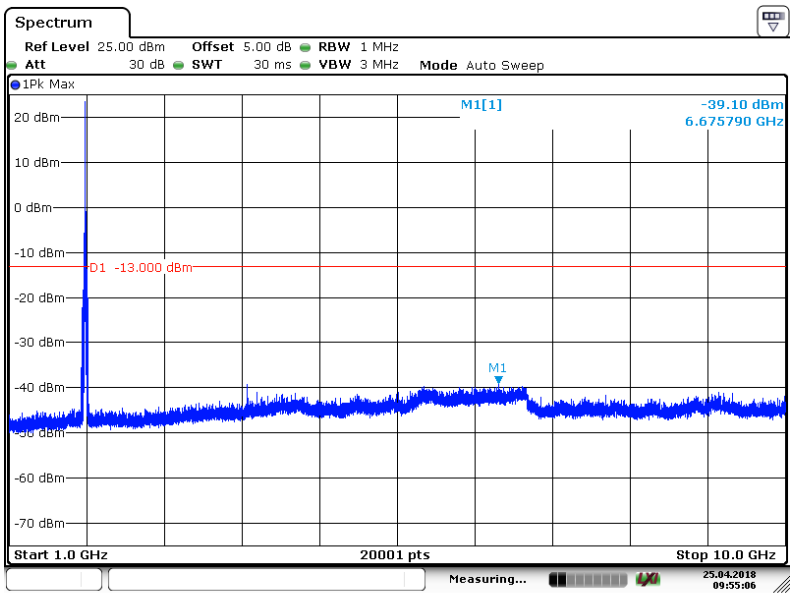

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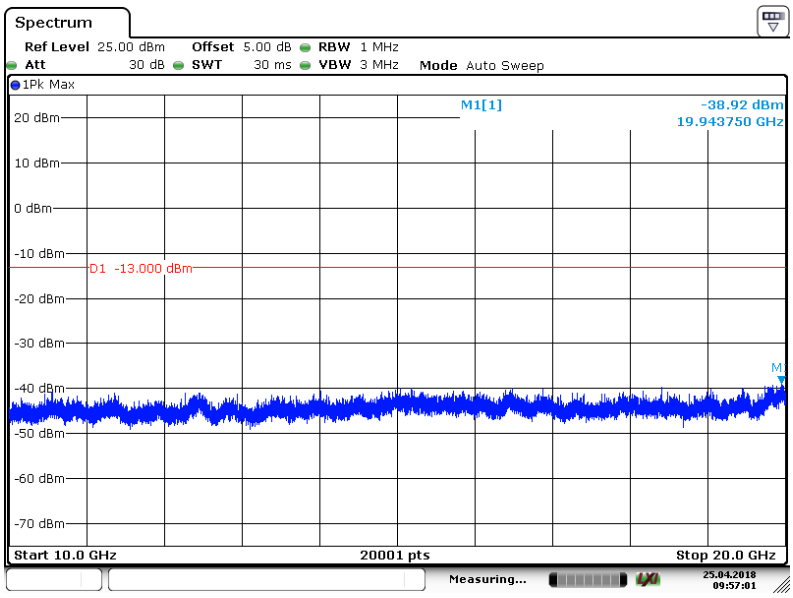

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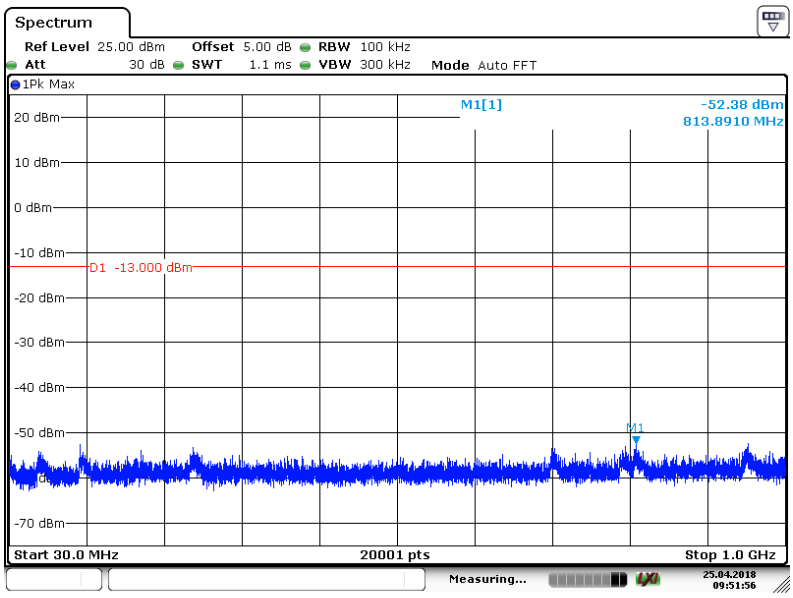

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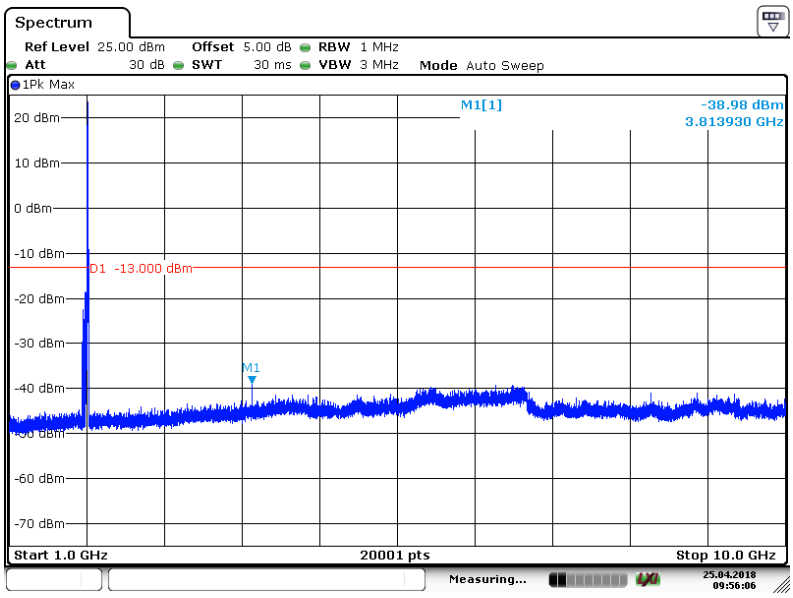

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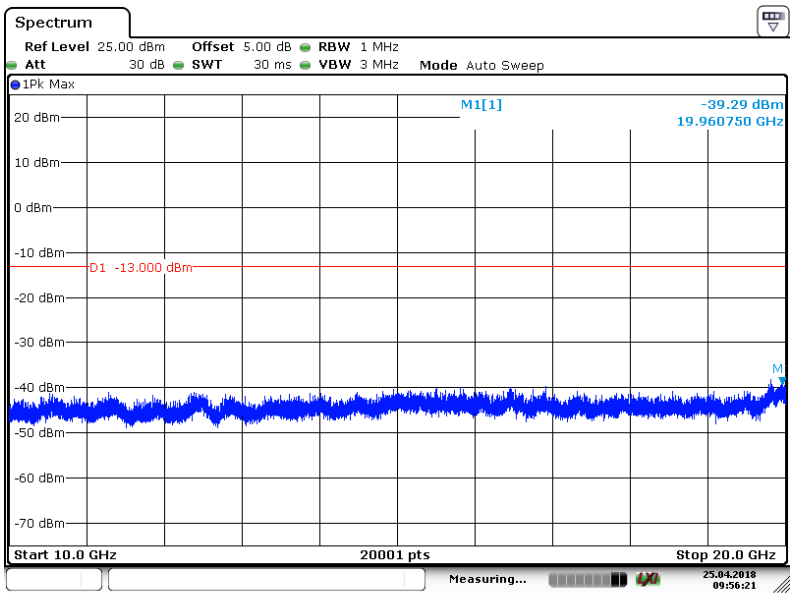

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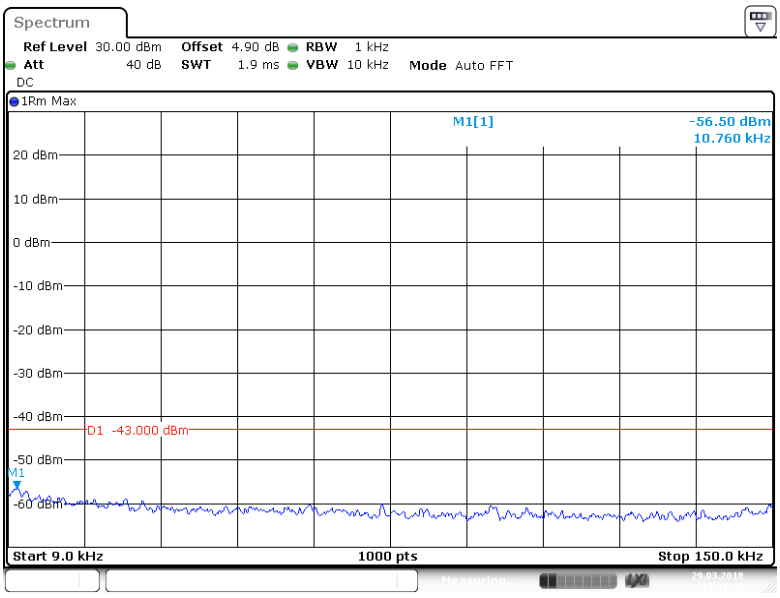
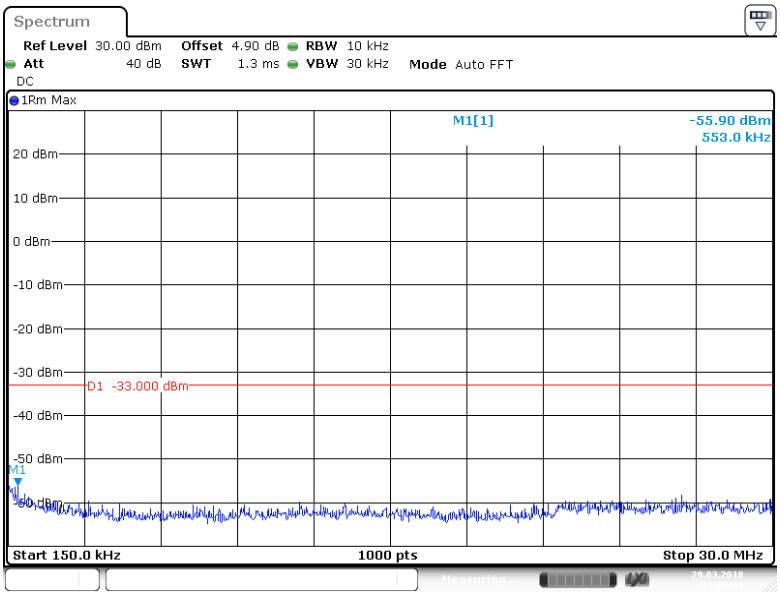


Date: 29.MAR.2018 13:01:01

Band IV_1312 TM1



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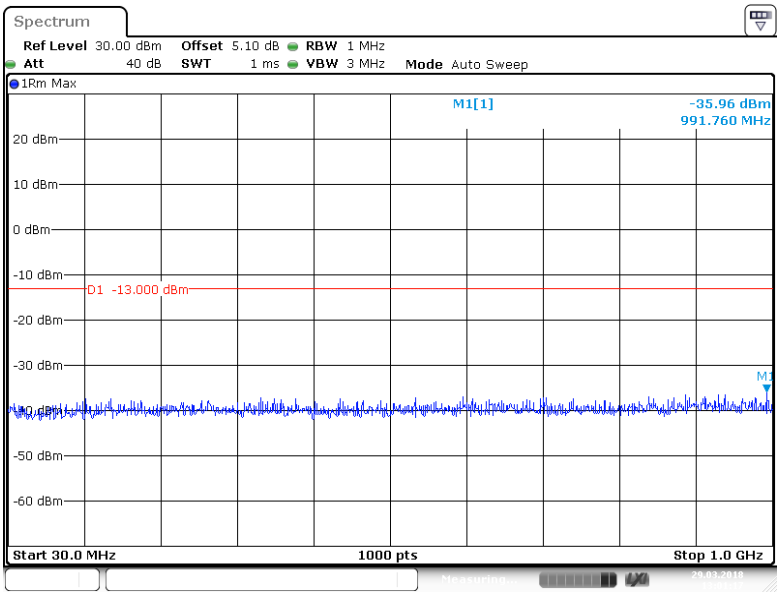

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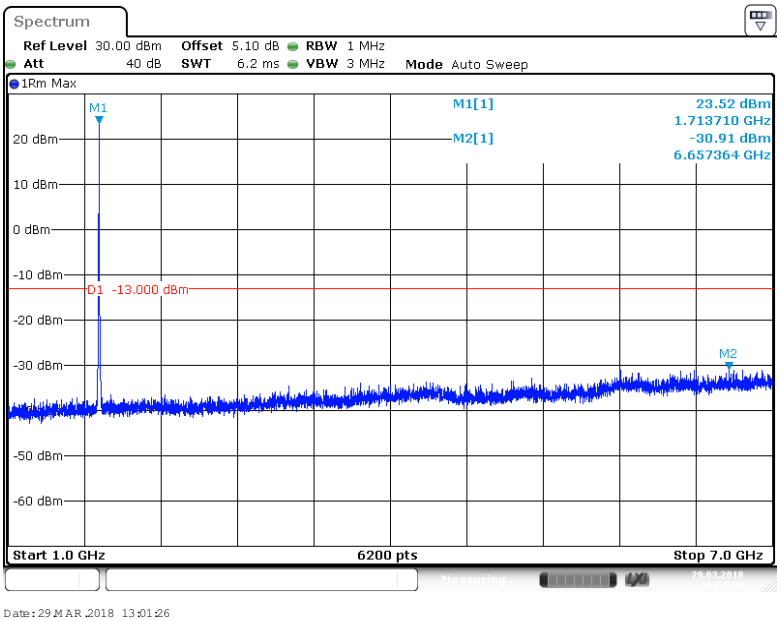

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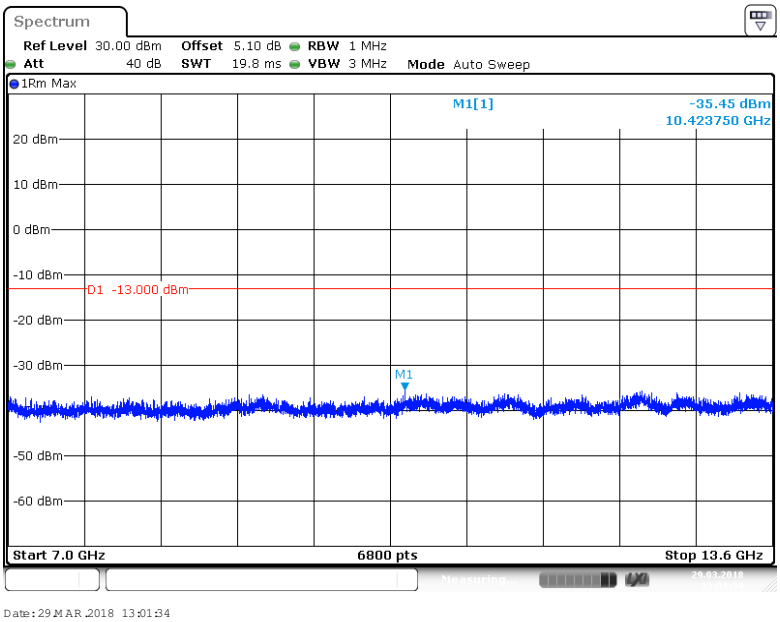

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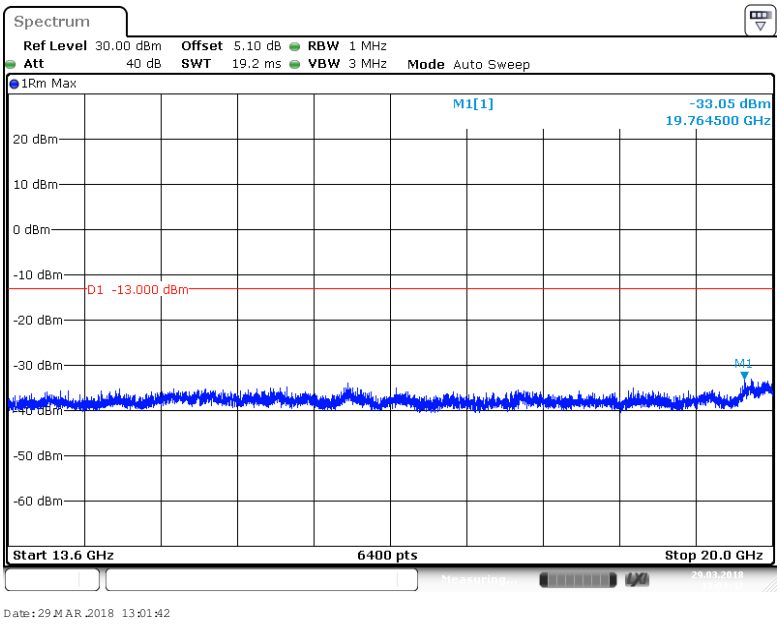

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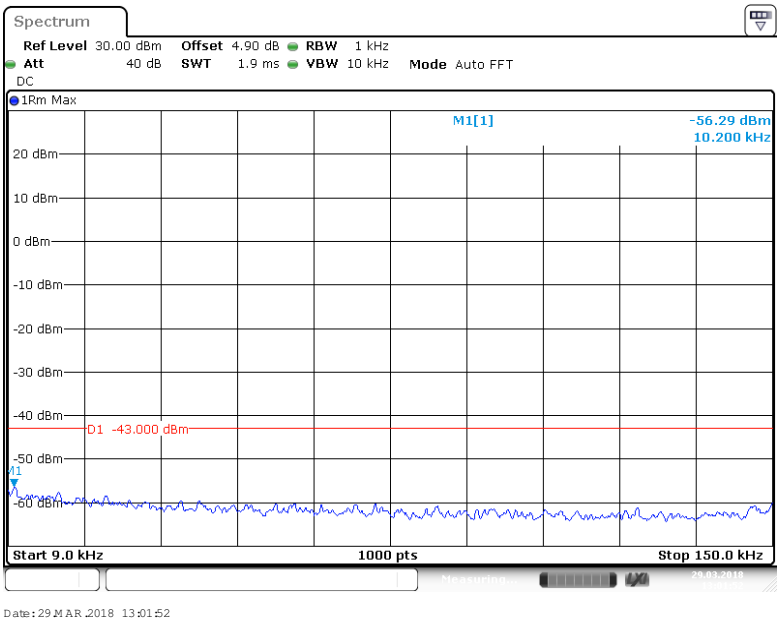

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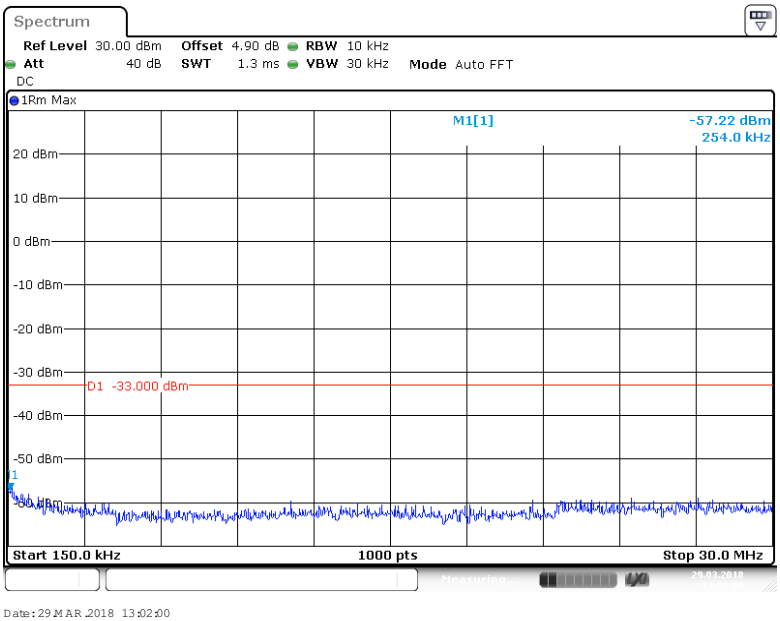

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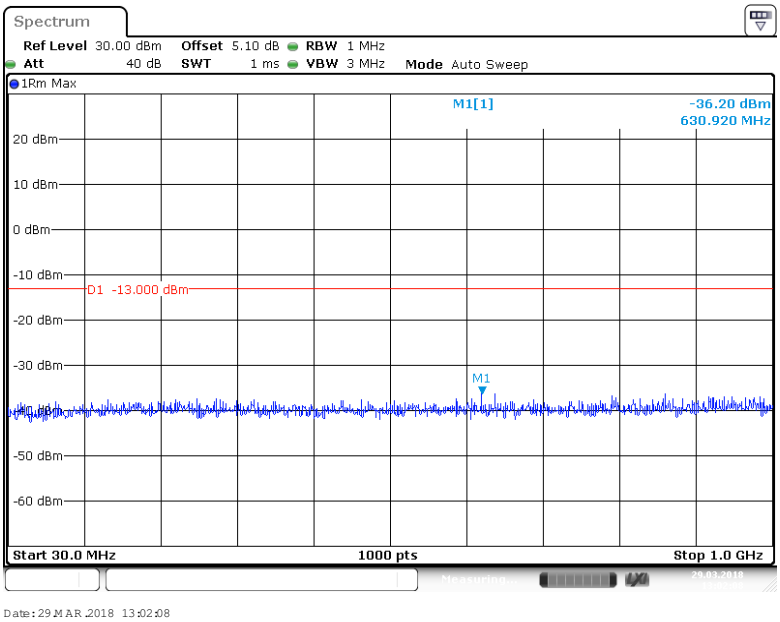

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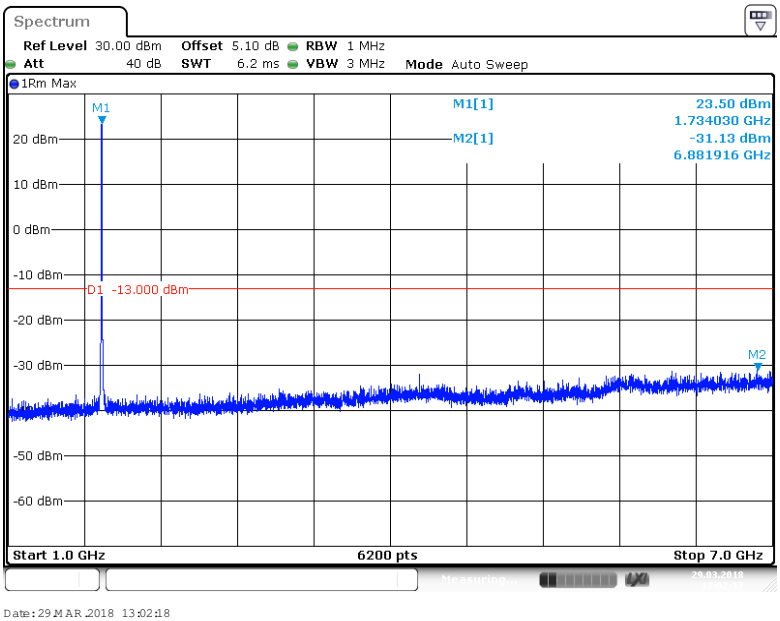

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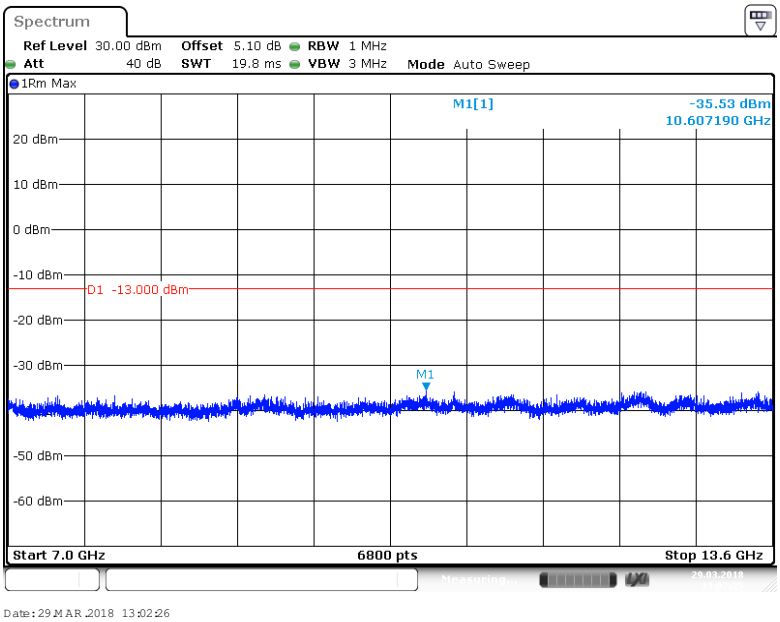

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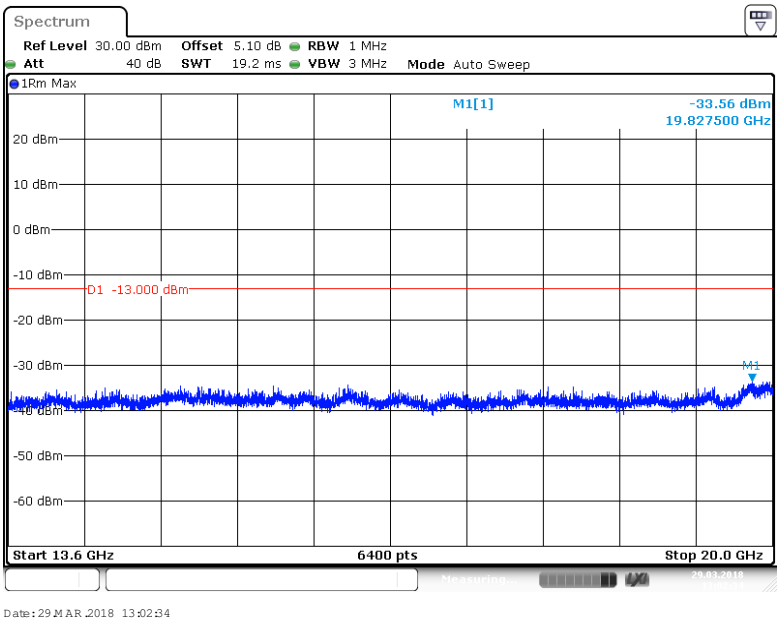

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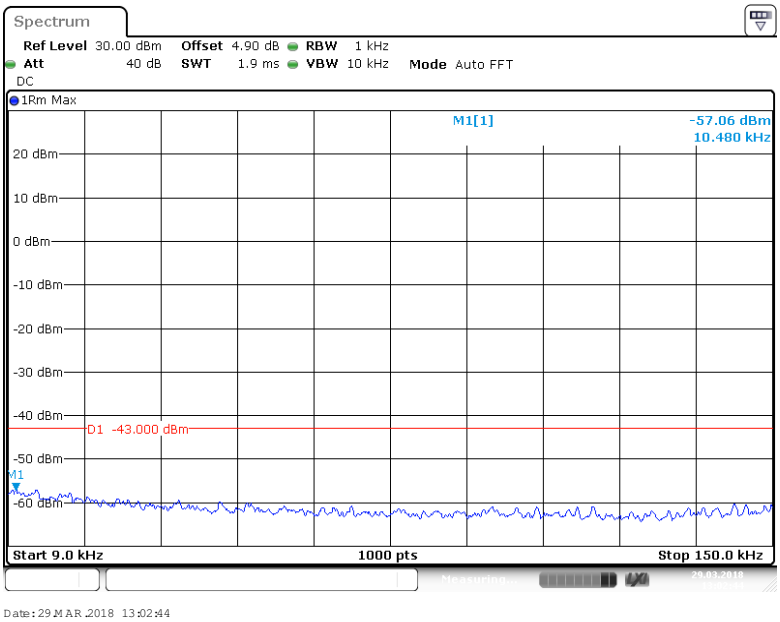

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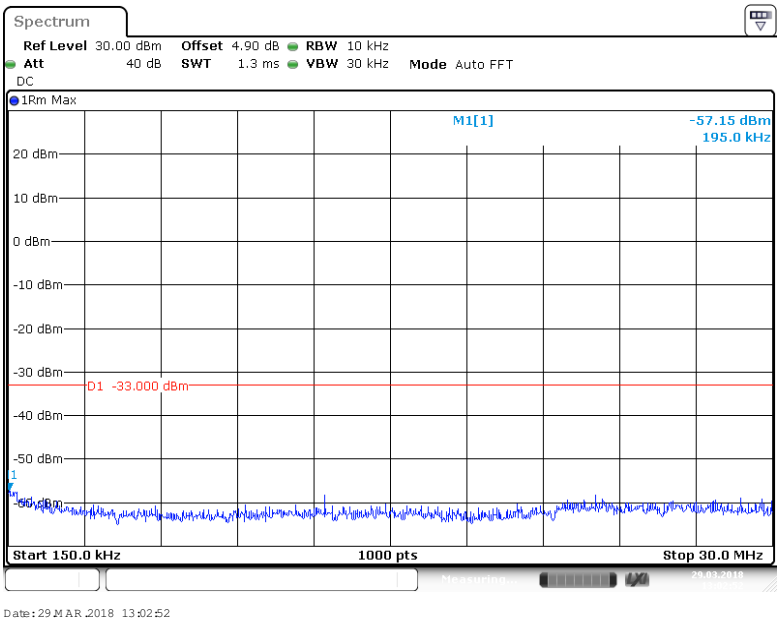

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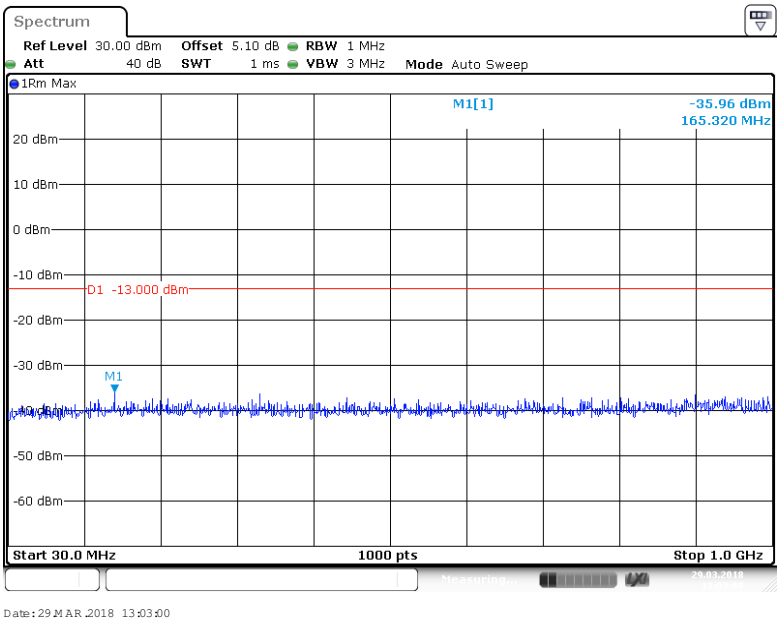

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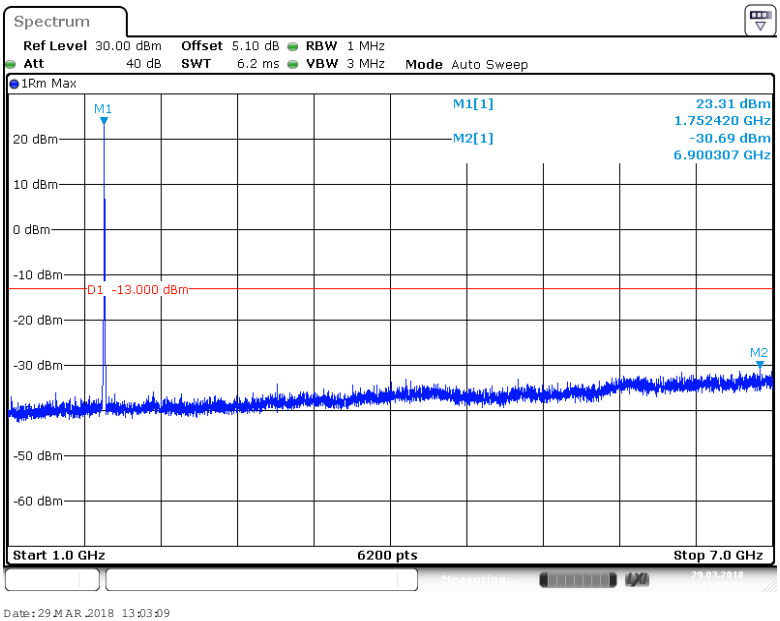

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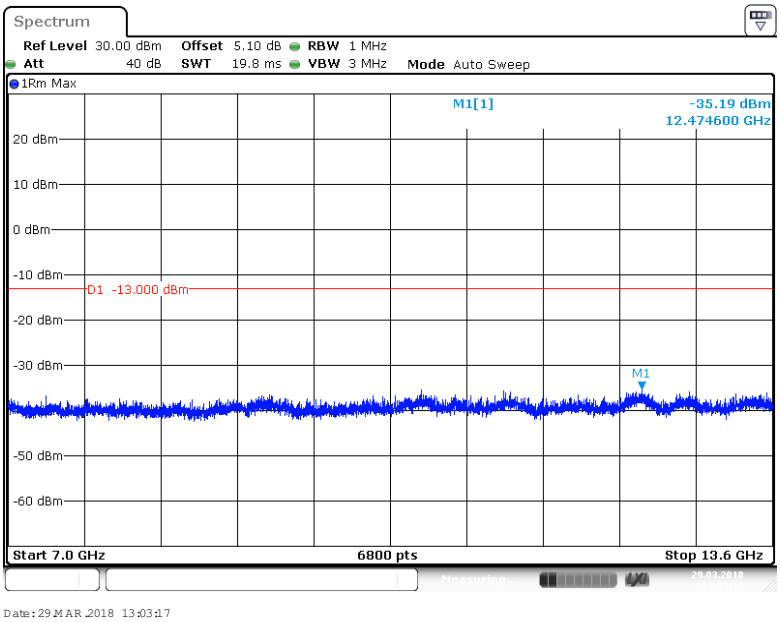

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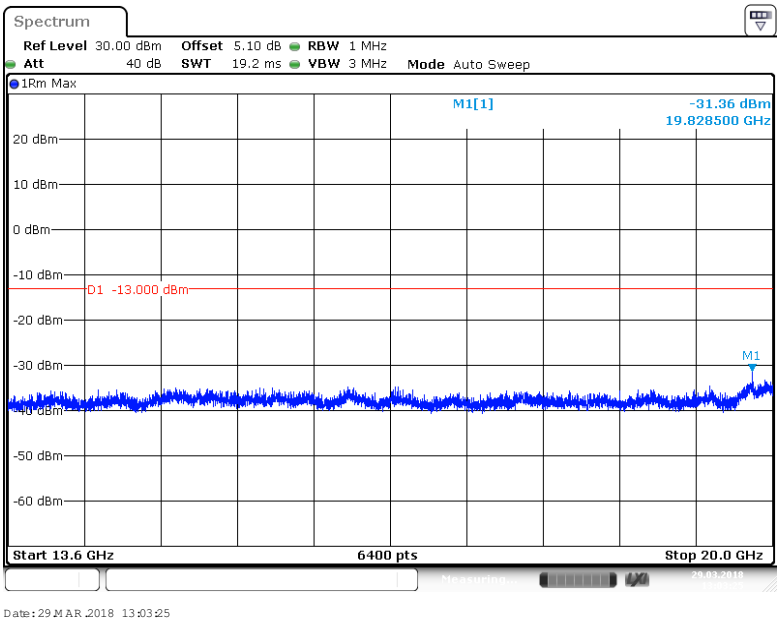

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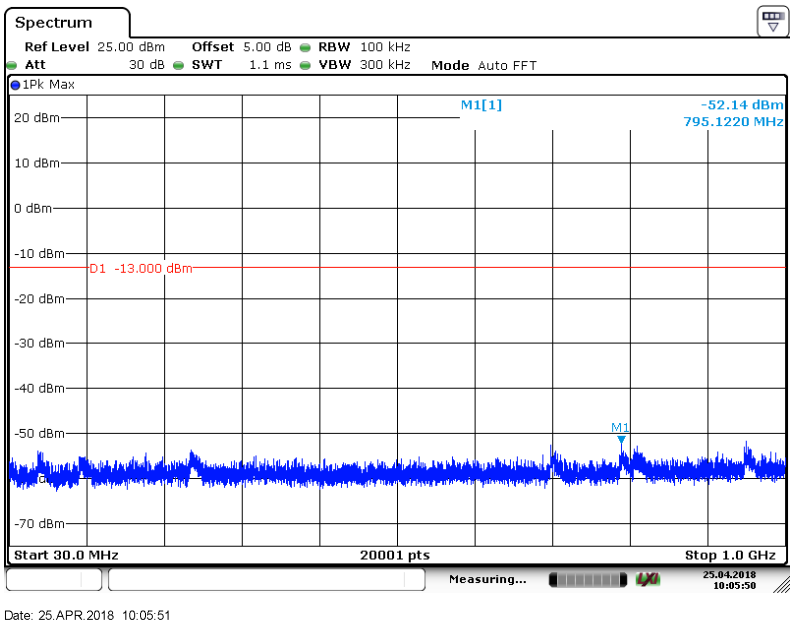

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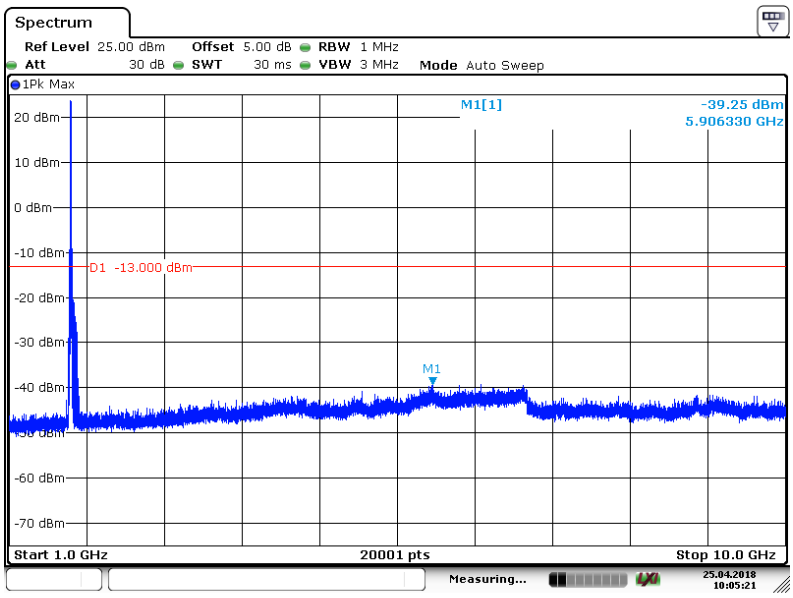
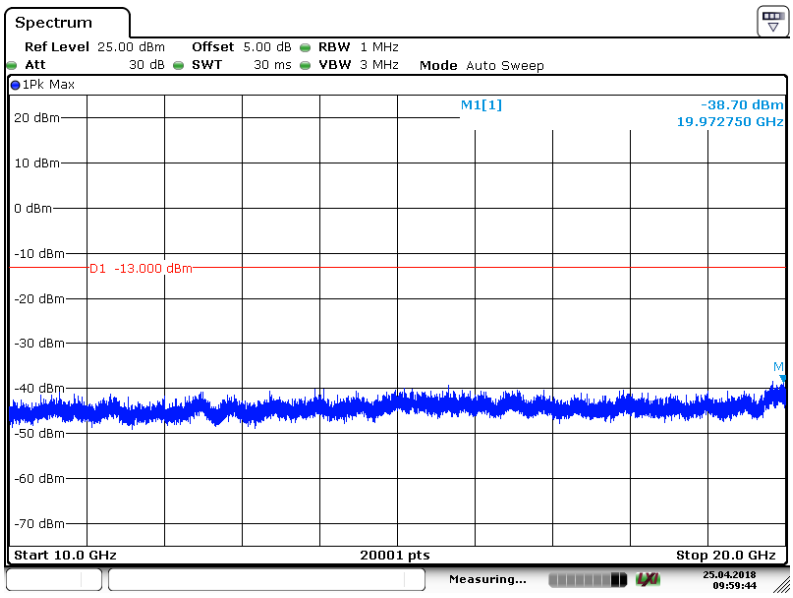


Date: 25.APR.2018 10:05:22

Band IV_1312 TM2



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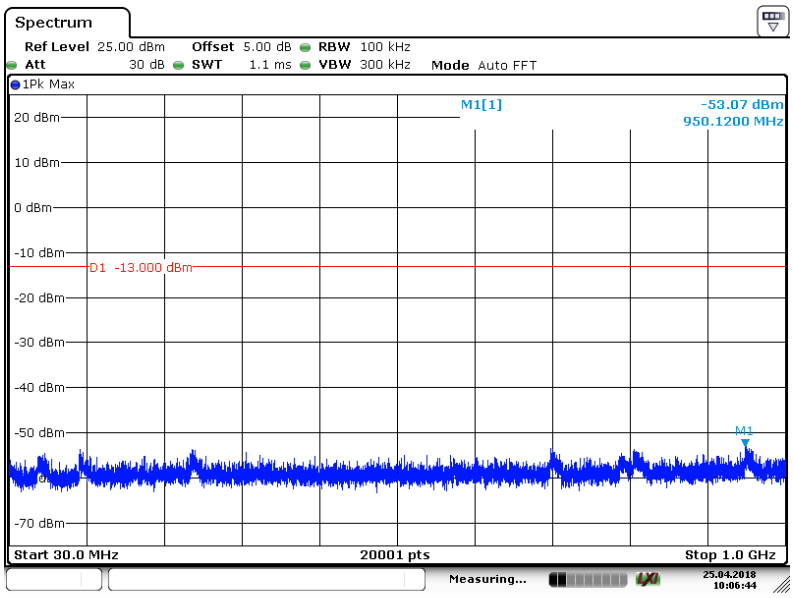

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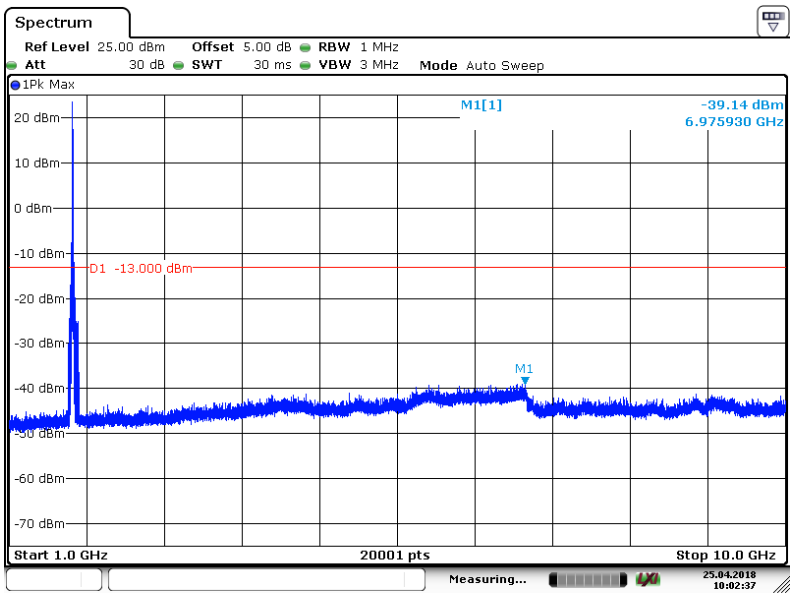
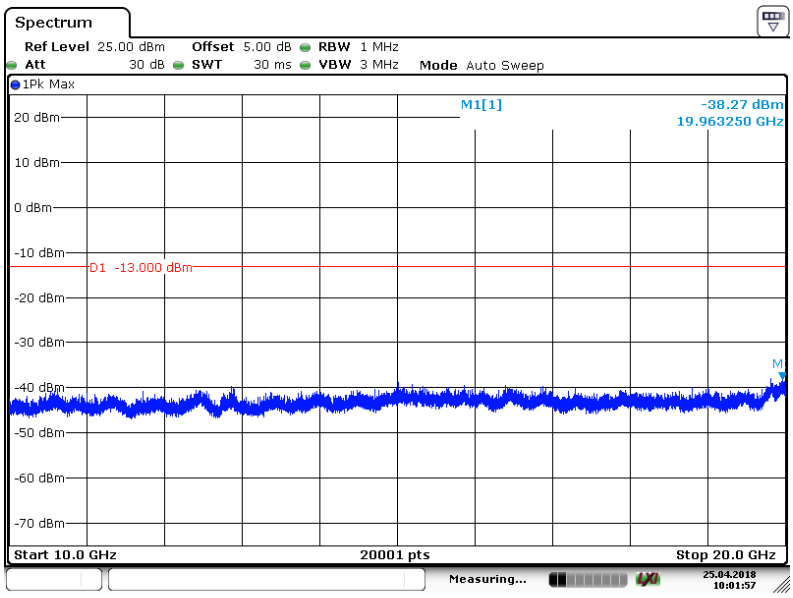


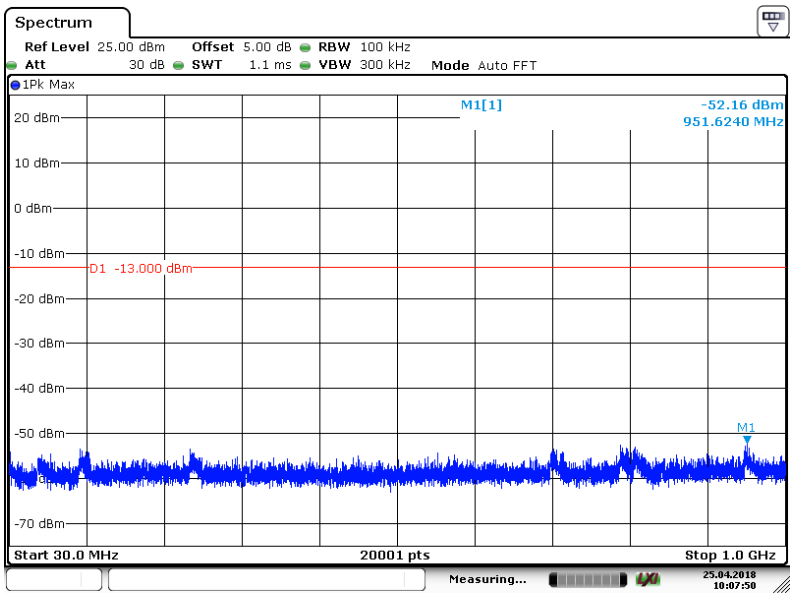
Date: 25.APR.2018 10:02:36

Band IV_1413 TM2



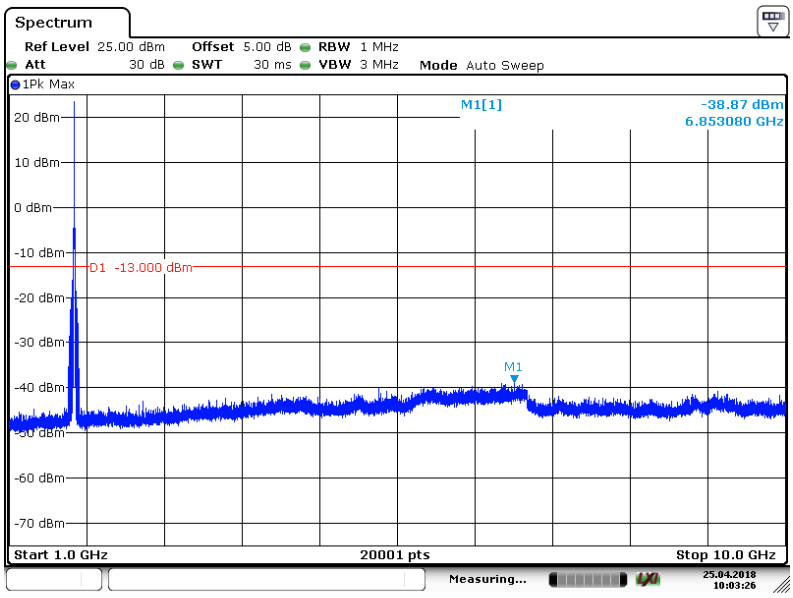
Date: 25.APR.2018 10:01:58

Band IV_1413 TM2



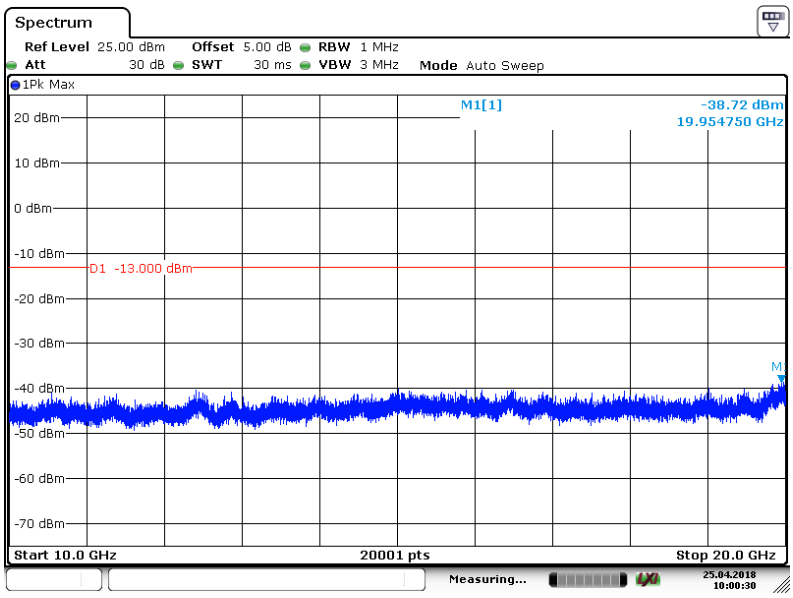
Date: 25.APR.2018 10:07:51

Band IV_1513 TM2



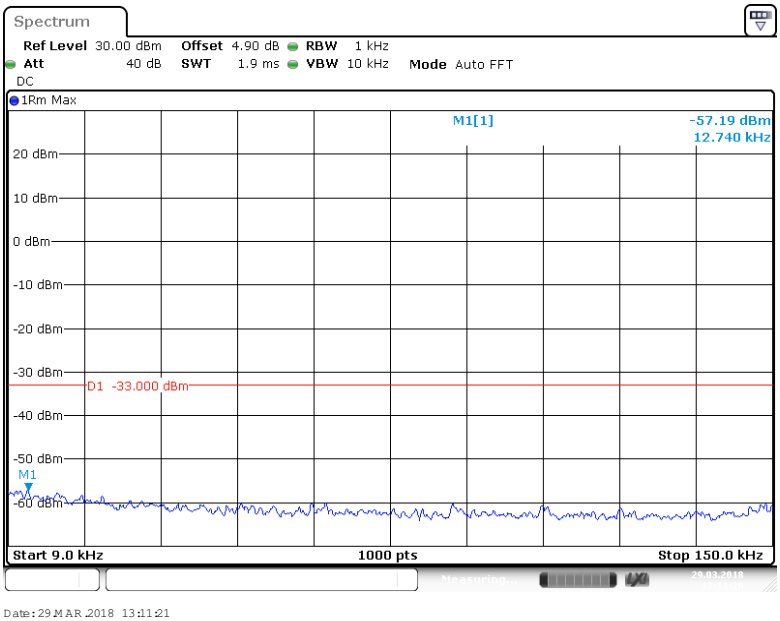
Date: 25.APR.2018 10:03:26

Band IV_1513 TM2

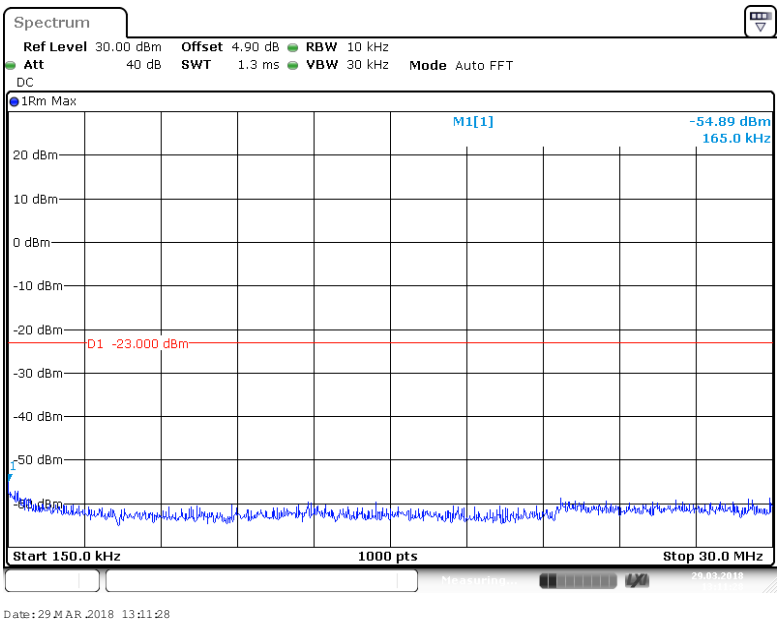


Date: 25.APR.2018 10:00:30

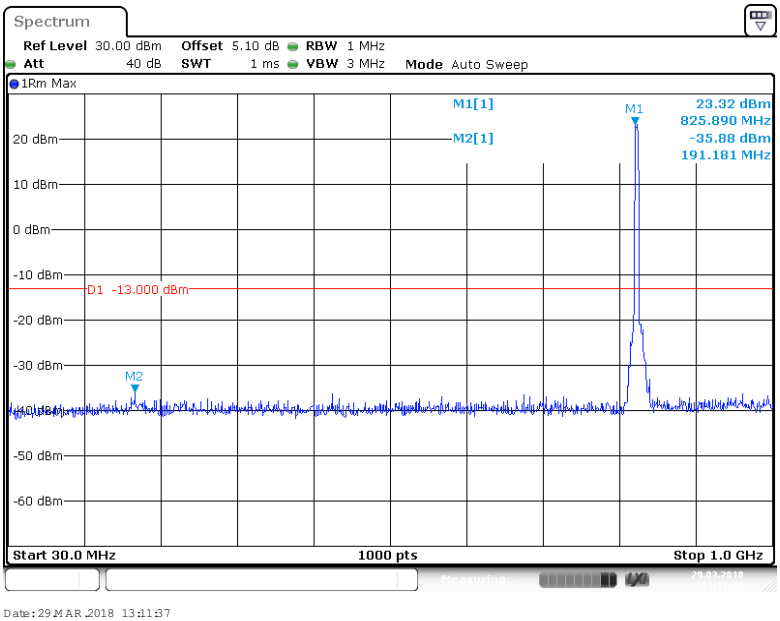
Band IV_1513 TM2



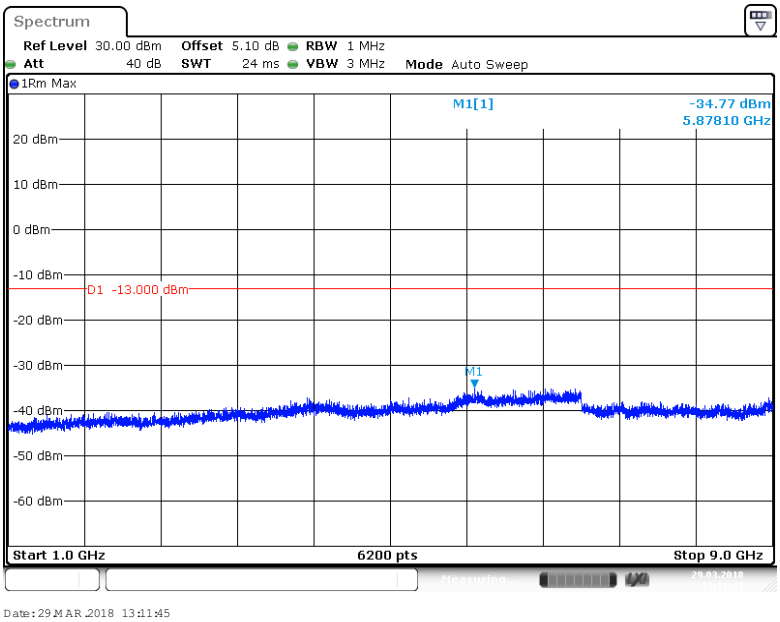
Band V_4132 TM1



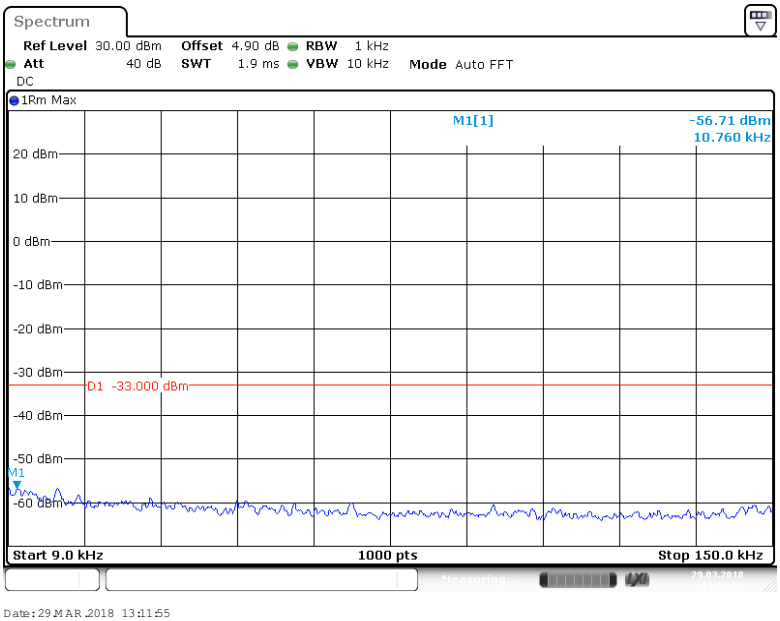
Band V_4132 TM1



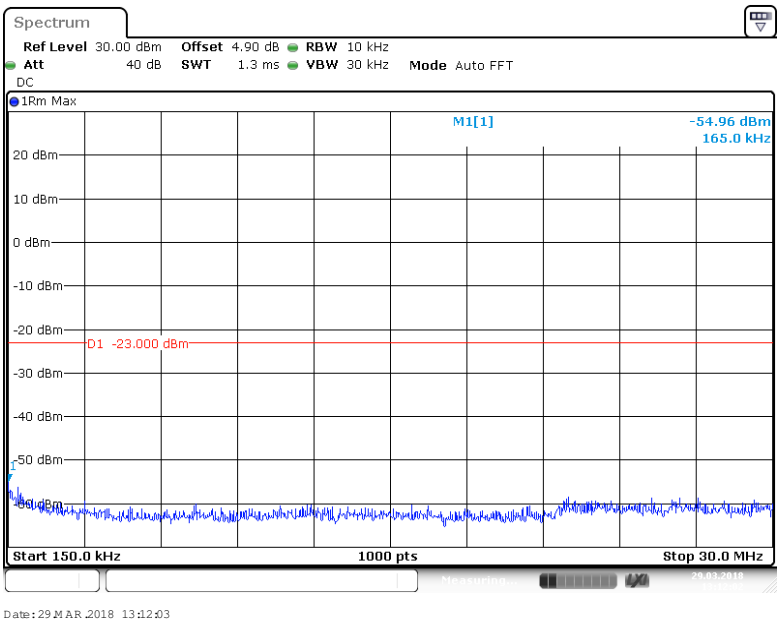
Band V_4132 TM1



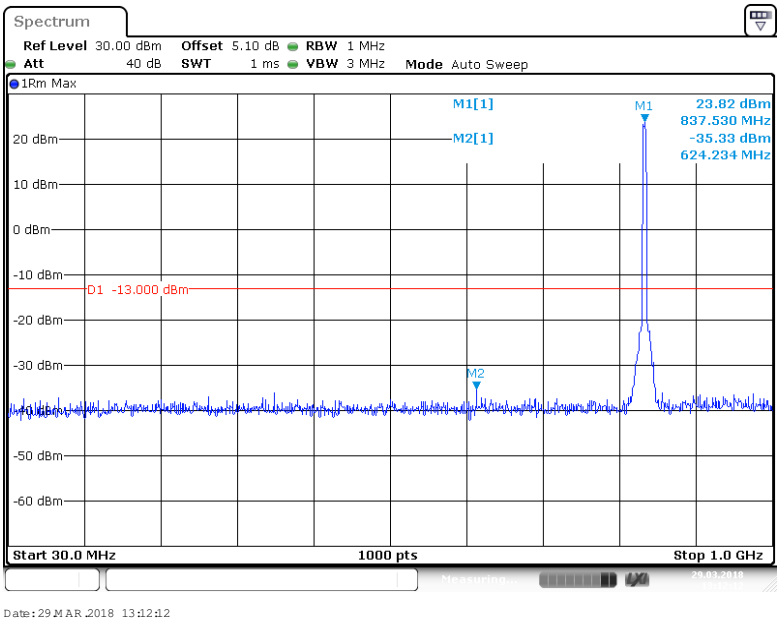
Band V_4132 TM1



Band V_4182 TM1



Band V_4182 TM1



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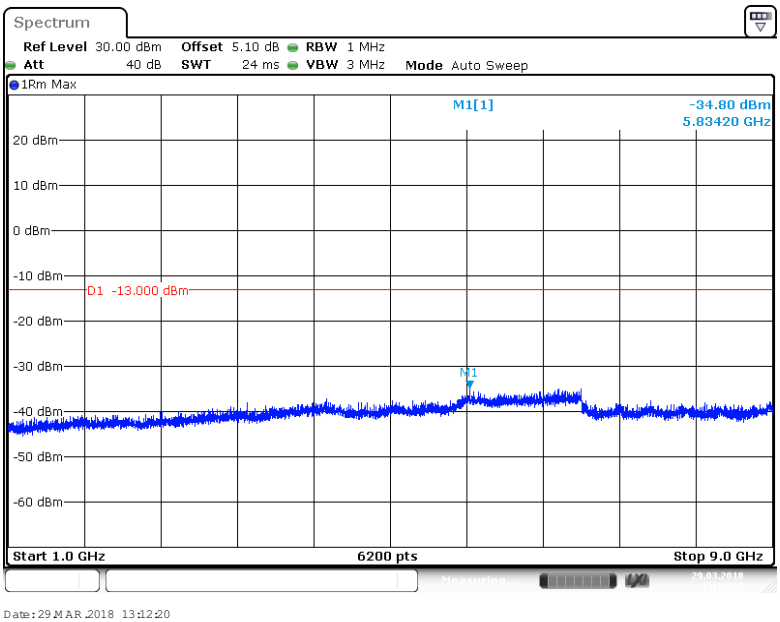
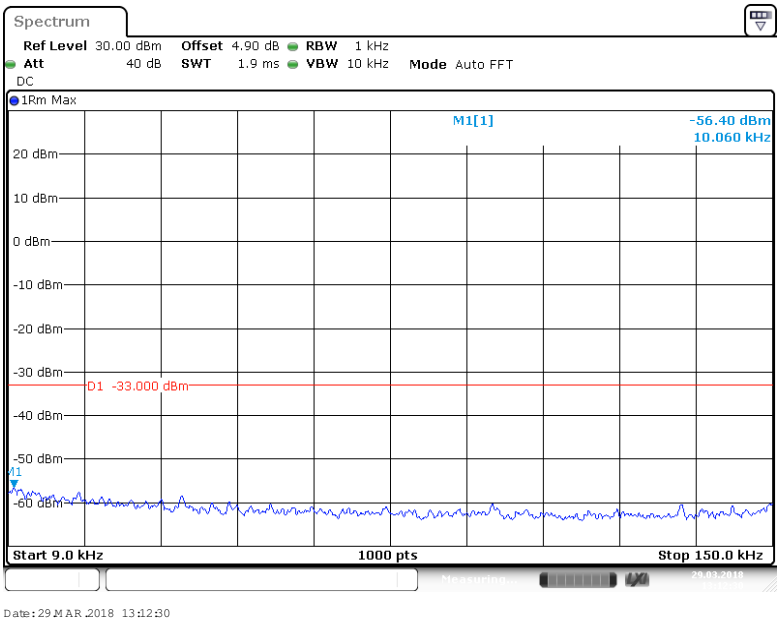
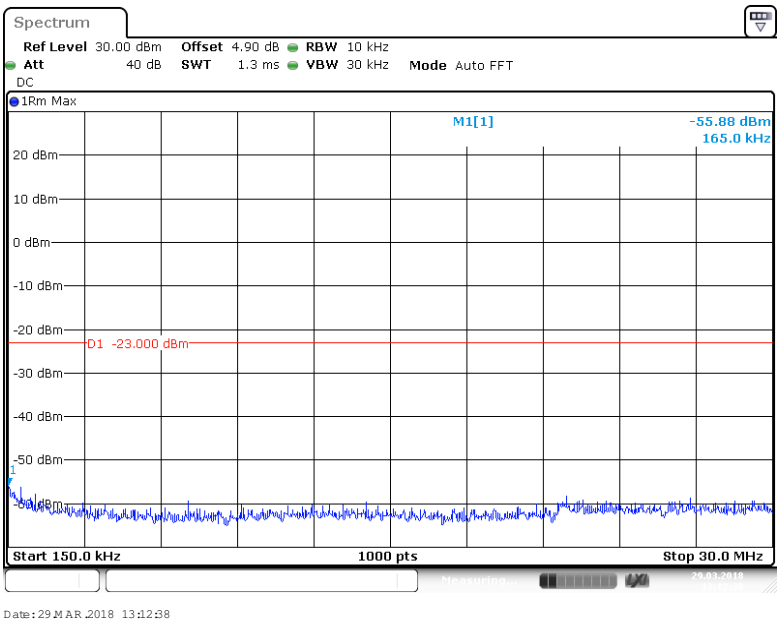


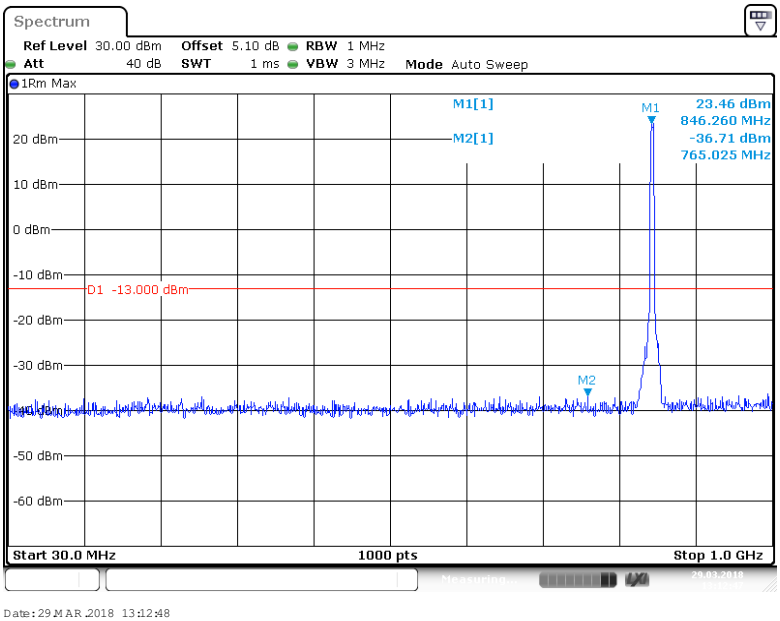
Band V_4182 TM1



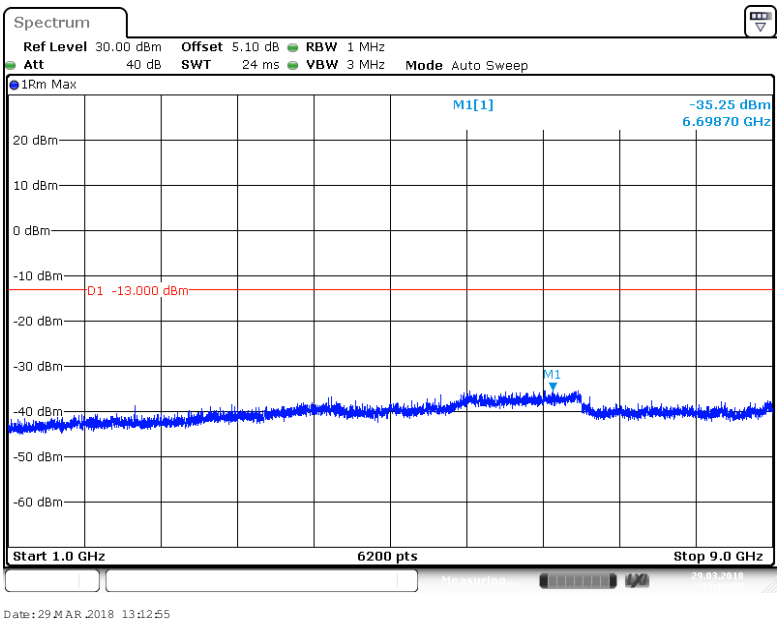
Band V_4233 TM1



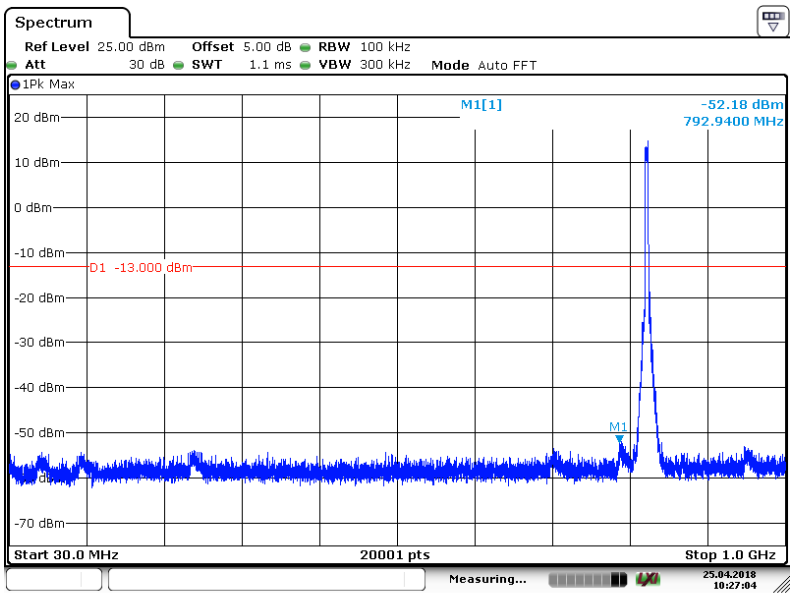
Band V_4233 TM1



Band V_4233 TM1

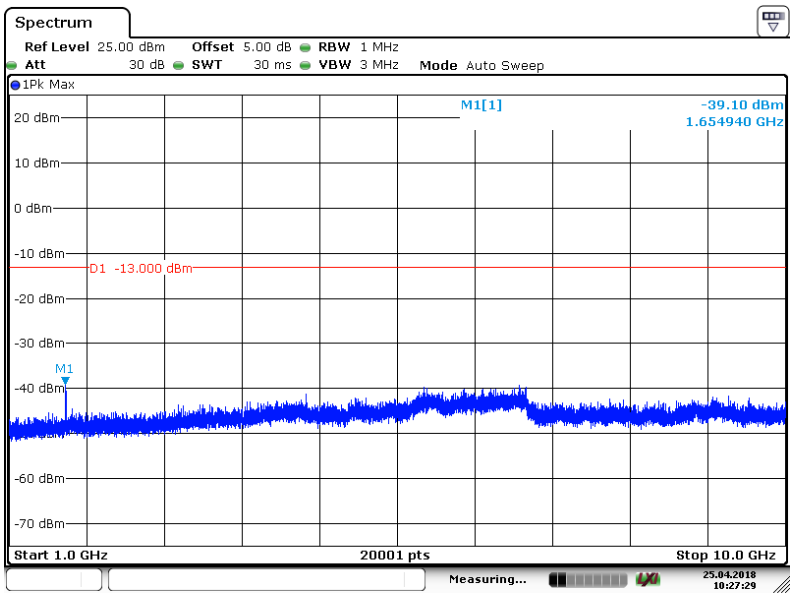


Band V_4233 TM1



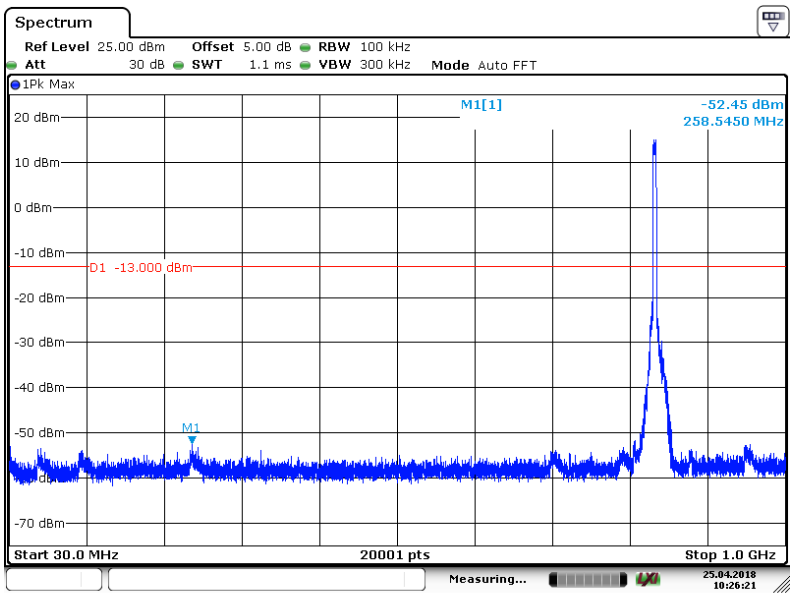
Date: 25.APR.2018 10:27:04

Band V_4132 TM2



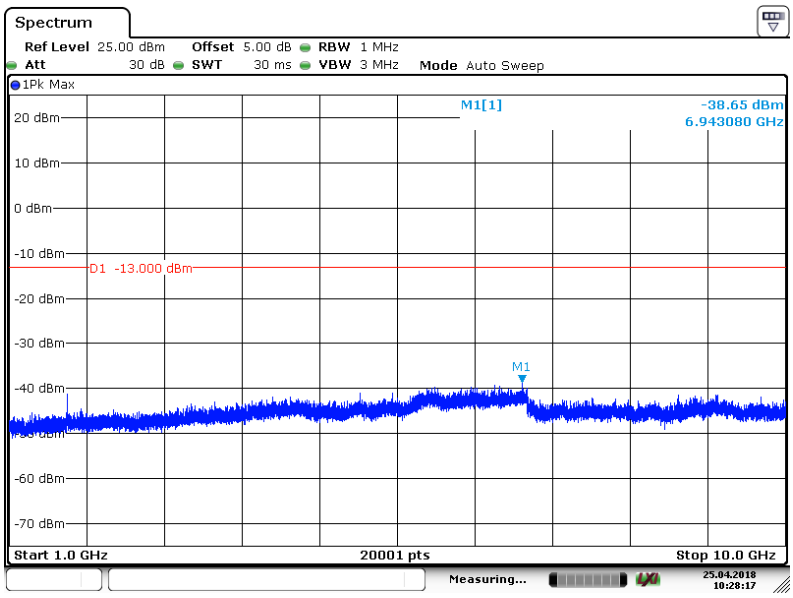
Date: 25.APR.2018 10:27:29

Band V_4132 TM2



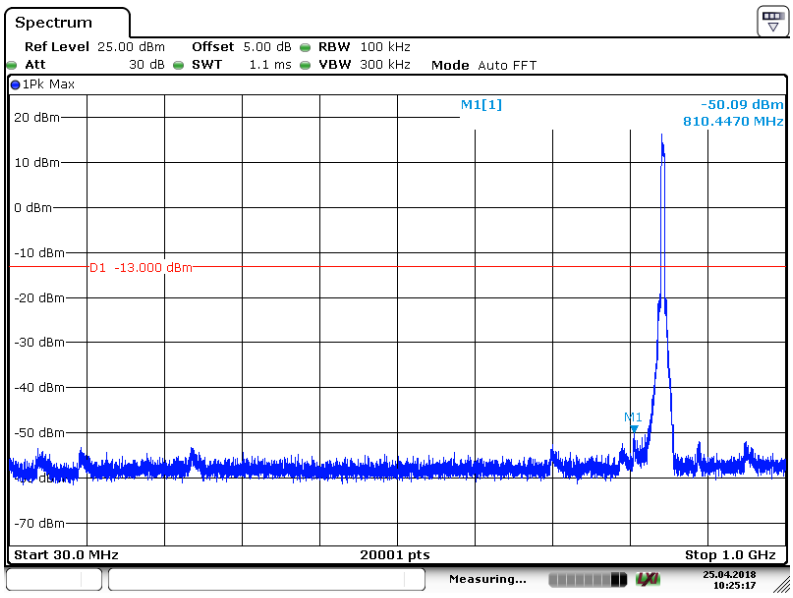
Date: 25.APR.2018 10:26:21

Band V_4182 TM2



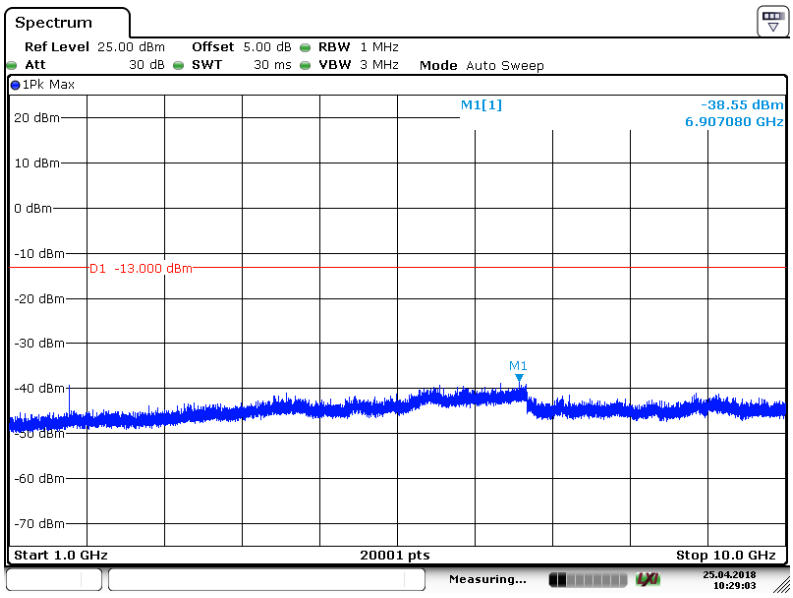
Date: 25.APR.2018 10:28:17

Band V_4182 TM2



Date: 25.APR.2018 10:25:18

Band V_4233 TM2



Date: 25.APR.2018 10:29:04

Band V_4233 TM2

7. Field Strength of Spurious Radiation

7.1. Test Band = WCDMA 1900

7.1.1. Test Mode = UMTS/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
35.650000	-70.96	-13.00	57.96	Vertical
64.900000	-71.31	-13.00	58.31	Vertical
1459.000000	-48.85	-13.00	35.85	Vertical
3706.387500	-57.20	-13.00	44.20	Vertical
6138.525000	-53.68	-13.00	40.68	Vertical
9241.950000	-51.82	-13.00	38.82	Vertical
57.250000	-67.99	-13.00	54.99	Horizontal
149.700000	-76.08	-13.00	63.08	Horizontal
1105.500000	-48.99	-13.00	35.99	Horizontal
3705.900000	-56.70	-13.00	43.70	Horizontal
6503.175000	-52.98	-13.00	39.98	Horizontal
9259.500000	-52.36	-13.00	39.36	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
63.100000	-72.72	-13.00	59.72	Vertical
142.450000	-77.68	-13.00	64.68	Vertical
1237.000000	-49.36	-13.00	36.36	Vertical
3758.550000	-56.58	-13.00	43.58	Vertical
4634.587500	-54.96	-13.00	41.96	Vertical
7933.987500	-51.98	-13.00	38.98	Vertical
63.150000	-68.13	-13.00	55.13	Horizontal
150.650000	-76.04	-13.00	63.04	Horizontal
1459.000000	-48.06	-13.00	35.06	Horizontal
3761.475000	-55.44	-13.00	42.44	Horizontal
4834.462500	-55.10	-13.00	42.10	Horizontal
7999.800000	-52.73	-13.00	39.73	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.000000	-72.45	-13.00	59.45	Vertical
145.600000	-76.57	-13.00	63.57	Vertical
2691.500000	-44.59	-13.00	31.59	Vertical
3809.250000	-55.90	-13.00	42.90	Vertical
6160.462500	-52.93	-13.00	39.93	Vertical
8864.137500	-52.46	-13.00	39.46	Vertical
62.800000	-67.48	-13.00	54.48	Horizontal
147.600000	-75.42	-13.00	62.42	Horizontal
1395.500000	-50.24	-13.00	37.24	Horizontal
3817.537500	-54.96	-13.00	41.96	Horizontal
6121.950000	-54.79	-13.00	41.79	Horizontal
7868.175000	-52.18	-13.00	39.18	Horizontal

7.2. Test Band = WCDMAband 1700

7.2.1. Test Mode = UMTS/TM1

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
65.600000	-73.26	-13.00	60.26	Vertical
142.800000	-76.40	-13.00	63.40	Vertical
1205.000000	-48.53	-13.00	35.53	Vertical
3423.150000	-58.61	-13.00	45.61	Vertical
5006.062500	-54.62	-13.00	41.62	Vertical
7891.087500	-51.25	-13.00	38.25	Vertical
63.250000	-68.77	-13.00	55.77	Horizontal
153.700000	-74.78	-13.00	61.78	Horizontal
441.950000	-74.27	-13.00	61.27	Horizontal
3422.175000	-58.14	-13.00	45.14	Horizontal
6493.425000	-52.96	-13.00	39.96	Horizontal
9087.900000	-52.37	-13.00	39.37	Horizontal

7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
55.250000	-73.83	-13.00	60.83	Vertical
145.250000	-75.96	-13.00	62.96	Vertical
1207.500000	-49.43	-13.00	36.43	Vertical
4396.687500	-54.88	-13.00	41.88	Vertical
6492.937500	-52.94	-13.00	39.94	Vertical
8900.700000	-52.27	-13.00	39.27	Vertical
56.000000	-68.77	-13.00	55.77	Horizontal
153.900000	-75.92	-13.00	62.92	Horizontal
2173.500000	-43.76	-13.00	30.76	Horizontal
3816.562500	-55.72	-13.00	42.72	Horizontal
5474.062500	-53.51	-13.00	40.51	Horizontal
6961.425000	-51.84	-13.00	38.84	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.100000	-82.02	-13.00	69.02	Vertical
125.000000	-85.48	-13.00	72.48	Vertical
778.716667	-80.92	-13.00	67.92	Vertical
2716.000000	-57.84	-13.00	44.84	Vertical
3503.100000	-67.31	-13.00	54.31	Vertical
5256.475000	-66.31	-13.00	53.31	Vertical
63.200000	-77.79	-13.00	64.79	Horizontal
104.300000	-86.34	-13.00	73.34	Horizontal
1204.000000	-62.20	-13.00	49.20	Horizontal
3503.750000	-65.92	-13.00	52.92	Horizontal
6028.350000	-65.59	-13.00	52.59	Horizontal
8758.350000	-63.61	-13.00	50.61	Horizontal

7.3. Test Band = WCDMA band 850

7.3.1. Test Mode = UMTS/TM1

7.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.000000	-82.07	-13.00	69.07	Vertical
125.000000	-84.85	-13.00	71.85	Vertical
1650.500000	-64.82	-13.00	51.82	Vertical
4297.725000	-67.13	-13.00	54.13	Vertical
6459.787500	-65.24	-13.00	52.24	Vertical
7934.475000	-64.01	-13.00	51.01	Vertical
63.150000	-78.00	-13.00	65.00	Horizontal
153.200000	-84.08	-13.00	71.08	Horizontal
433.950000	-81.35	-13.00	68.35	Horizontal
1651.000000	-64.69	-13.00	51.69	Horizontal
6494.887500	-65.22	-13.00	52.22	Horizontal
11472.262500	-59.67	-13.00	46.67	Horizontal

7.3.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.600000	-82.08	-13.00	69.08	Vertical
125.000000	-85.18	-13.00	72.18	Vertical
1674.500000	-62.99	-13.00	49.99	Vertical
4185.112500	-67.72	-13.00	54.72	Vertical
5937.187500	-66.18	-13.00	53.18	Vertical
7960.800000	-63.98	-13.00	50.98	Vertical
62.400000	-77.61	-13.00	64.61	Horizontal
152.000000	-83.84	-13.00	70.84	Horizontal
1674.500000	-63.26	-13.00	50.26	Horizontal
4094.925000	-67.36	-13.00	54.36	Horizontal
6579.225000	-63.99	-13.00	50.99	Horizontal
8931.900000	-63.33	-13.00	50.33	Horizontal

7.3.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.600000	-81.71	-13.00	68.71	Vertical
125.000000	-84.82	-13.00	71.82	Vertical
1691.500000	-63.09	-13.00	50.09	Vertical
4117.837500	-67.73	-13.00	54.73	Vertical
6252.600000	-65.57	-13.00	52.57	Vertical
9201.487500	-64.22	-13.00	51.22	Vertical
62.600000	-77.70	-13.00	64.70	Horizontal
153.350000	-84.07	-13.00	71.07	Horizontal
623.708333	-78.84	-13.00	65.84	Horizontal
1695.000000	-64.04	-13.00	51.04	Horizontal
4592.175000	-67.71	-13.00	54.71	Horizontal
7853.062500	-64.25	-13.00	51.25	Horizontal

NOTE:

1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

2) We have tested all modulation, but only the worst case data presented in this report.

8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	TN	-8.24	-0.004448	2.5	PASS
		VN	TN	-5.11	-0.002757	2.5	PASS
		VH	TN	-4.81	-0.002595	2.5	PASS
	9400	VL	TN	-4.41	-0.002344	2.5	PASS
		VN	TN	-3.58	-0.001902	2.5	PASS
		VH	TN	-0.01	-0.000008	2.5	PASS
	9538	VL	TN	-2.07	-0.001087	2.5	PASS
		VN	TN	-1.29	-0.000679	2.5	PASS
		VH	TN	-4.42	-0.002317	2.5	PASS
Band IV	1312	VL	TN	-5.28	-0.003083	2.5	PASS
		VN	TN	-6.86	-0.004006	2.5	PASS
		VH	TN	-2.03	-0.001186	2.5	PASS
	1413	VL	TN	-5.51	-0.003179	2.5	PASS
		VN	TN	-6.37	-0.003674	2.5	PASS
		VH	TN	-2.93	-0.001693	2.5	PASS
	1513	VL	TN	-1.33	-0.000759	2.5	PASS
		VN	TN	-3.63	-0.002073	2.5	PASS
		VH	TN	-2.99	-0.001706	2.5	PASS
Band V	4132	VL	TN	-1.39	-0.001688	2.5	PASS
		VN	TN	-2.39	-0.002891	2.5	PASS
		VH	TN	-1.98	-0.002397	2.5	PASS
	4182	VL	TN	-3.04	-0.003634	2.5	PASS
		VN	TN	-1.70	-0.002027	2.5	PASS
		VH	TN	0.46	0.000556	2.5	PASS
	4233	VL	TN	-1.70	-0.002002	2.5	PASS
		VN	TN	-2.45	-0.002898	2.5	PASS
		VH	TN	-1.61	-0.001901	2.5	PASS

8.2. Frequency Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VN	-30	-3.50	-0.001892	2.5	PASS
			-20	-3.43	-0.001853	2.5	PASS
			-10	-3.38	-0.001823	2.5	PASS
			0	-3.10	-0.001676	2.5	PASS
			10	-2.36	-0.001274	2.5	PASS

			20	-4.07	-0.002197	2.5	PASS
			30	-3.11	-0.001680	2.5	PASS
			40	-3.81	-0.002058	2.5	PASS
			50	-0.74	-0.000402	2.5	PASS
	9400	VN	-30	-7.24	-0.003850	2.5	PASS
			-20	-4.69	-0.002496	2.5	PASS
			-10	-6.27	-0.003337	2.5	PASS
			0	-1.21	-0.000643	2.5	PASS
			10	-4.41	-0.002347	2.5	PASS
			20	-2.24	-0.001191	2.5	PASS
			30	-4.08	-0.002172	2.5	PASS
			40	-5.23	-0.002781	2.5	PASS
			50	-2.22	-0.001179	2.5	PASS
	9538	VN	-30	-2.40	-0.001260	2.5	PASS
			-20	-2.30	-0.001207	2.5	PASS
			-10	-2.04	-0.001069	2.5	PASS
			0	-3.52	-0.001845	2.5	PASS
			10	-3.45	-0.001811	2.5	PASS
			20	-2.05	-0.001076	2.5	PASS
			30	-6.76	-0.003543	2.5	PASS
			40	-5.91	-0.003097	2.5	PASS
			50	-5.96	-0.003123	2.5	PASS
Band IV	1312	VN	-30	-7.05	-0.004118	2.5	PASS
			-20	-6.78	-0.003960	2.5	PASS
			-10	-1.82	-0.001065	2.5	PASS
			0	-1.32	-0.000769	2.5	PASS
			10	-6.67	-0.003897	2.5	PASS
			20	-8.00	-0.004670	2.5	PASS
			30	-2.62	-0.001533	2.5	PASS
			40	-1.82	-0.001065	2.5	PASS
			50	-2.13	-0.001245	2.5	PASS
	1413	VN	-30	-4.26	-0.002456	2.5	PASS
			-20	-8.23	-0.004747	2.5	PASS
			-10	-5.87	-0.003389	2.5	PASS
			0	-6.35	-0.003666	2.5	PASS
			10	-6.56	-0.003786	2.5	PASS
			20	-1.37	-0.000793	2.5	PASS
			30	-6.58	-0.003798	2.5	PASS
			40	-2.47	-0.001424	2.5	PASS
			50	-2.35	-0.001354	2.5	PASS
	1513	VN	-30	-1.71	-0.000975	2.5	PASS
			-20	-1.42	-0.000808	2.5	PASS
			-10	-2.78	-0.001588	2.5	PASS
			0	3.20	0.001824	2.5	PASS
			10	-2.52	-0.001437	2.5	PASS
			20	-0.92	-0.000526	2.5	PASS
			30	-1.32	-0.000755	2.5	PASS

			40	-3.35	-0.001910	2.5	PASS
			50	-4.43	-0.002526	2.5	PASS
Band V	4132	VN	-30	-2.02	-0.002441	2.5	PASS
			-20	-2.07	-0.002501	2.5	PASS
			-10	-2.32	-0.002813	2.5	PASS
			0	-2.61	-0.003159	2.5	PASS
			10	-3.02	-0.003652	2.5	PASS
			20	-3.43	-0.004146	2.5	PASS
			30	-3.63	-0.004388	2.5	PASS
			40	-3.71	-0.004492	2.5	PASS
			50	-1.35	-0.001636	2.5	PASS
	4182	VN	-30	-1.87	-0.002241	2.5	PASS
			-20	-3.13	-0.003746	2.5	PASS
			-10	-2.03	-0.002429	2.5	PASS
			0	-2.52	-0.003019	2.5	PASS
			10	0.06	0.000077	2.5	PASS
			20	-0.65	-0.000778	2.5	PASS
			30	-0.90	-0.001078	2.5	PASS
			40	-3.48	-0.004156	2.5	PASS
			50	-3.50	-0.004190	2.5	PASS
	4233	VN	-30	-2.26	-0.002670	2.5	PASS
			-20	-3.32	-0.003920	2.5	PASS
			-10	-3.81	-0.004503	2.5	PASS
			0	-1.27	-0.001504	2.5	PASS
			10	-2.32	-0.002746	2.5	PASS
			20	-2.88	-0.003396	2.5	PASS
			30	-1.42	-0.001673	2.5	PASS
			40	-3.44	-0.004064	2.5	PASS
			50	-1.98	-0.002340	2.5	PASS

The End