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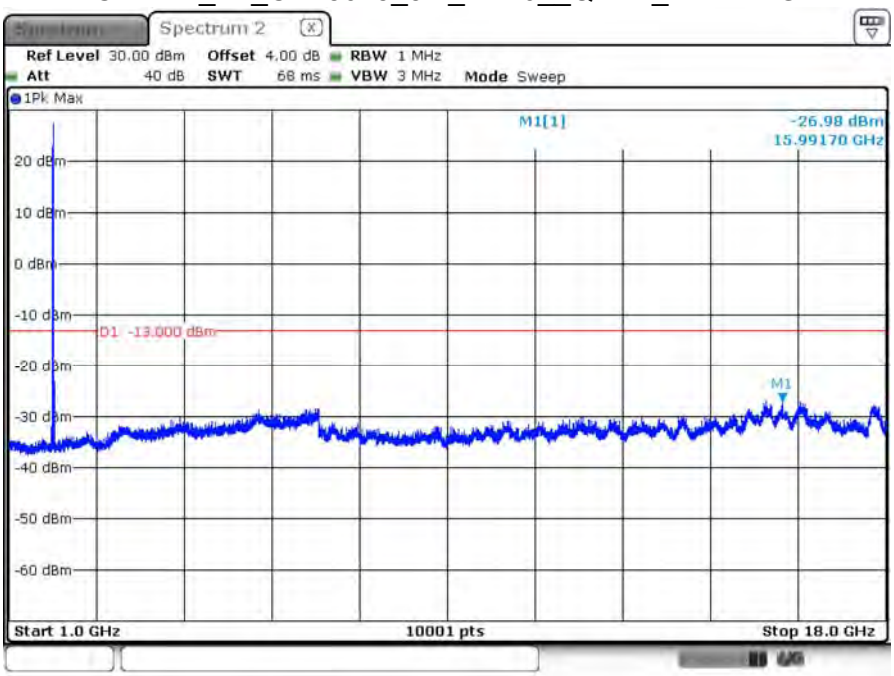

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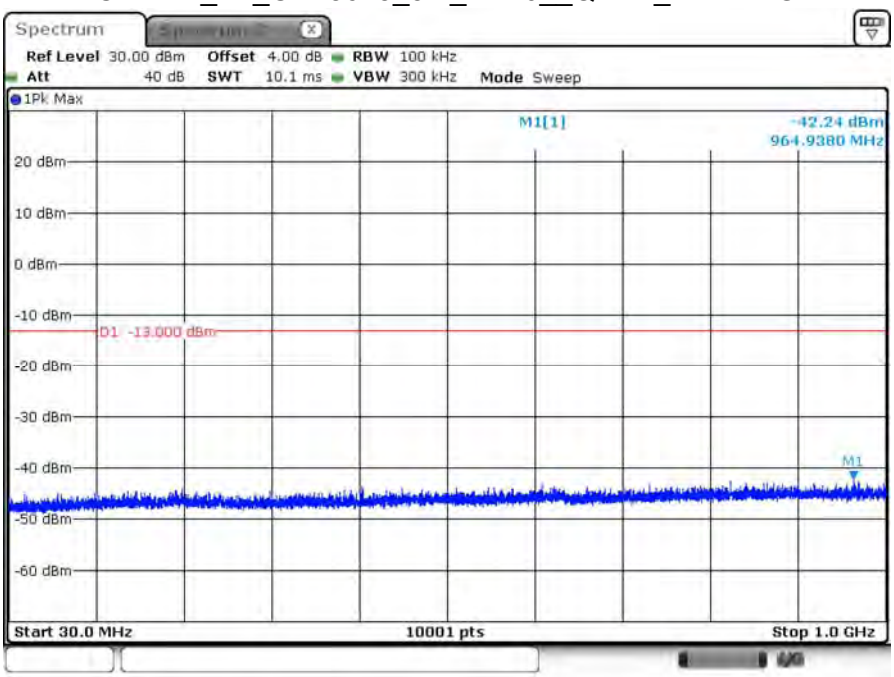

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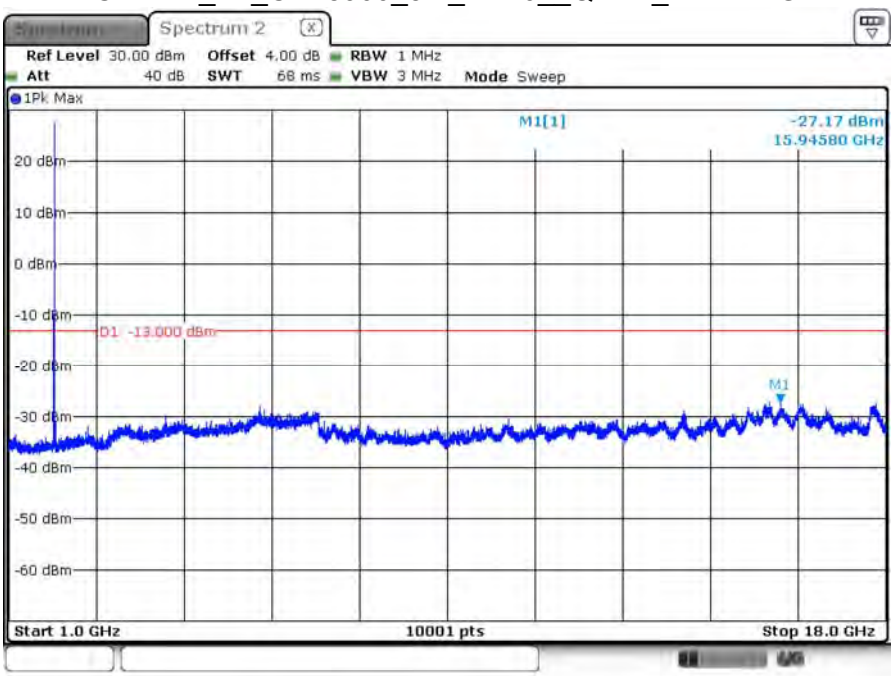

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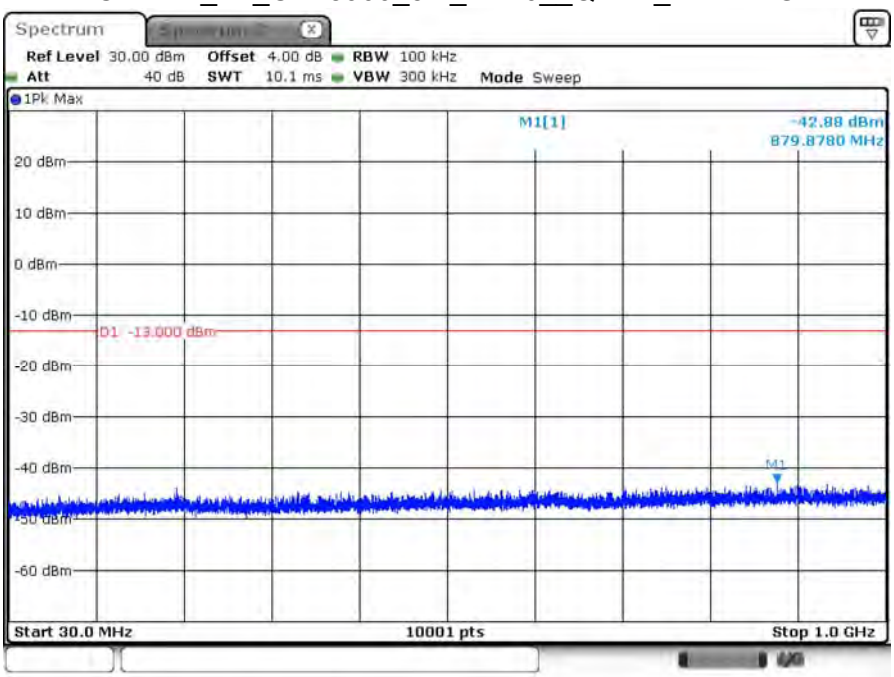

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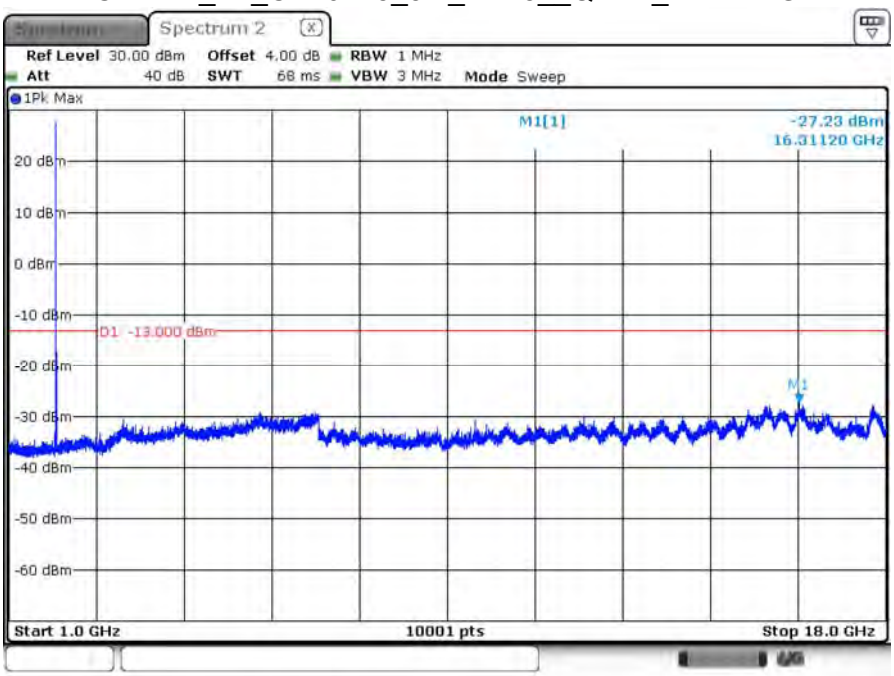

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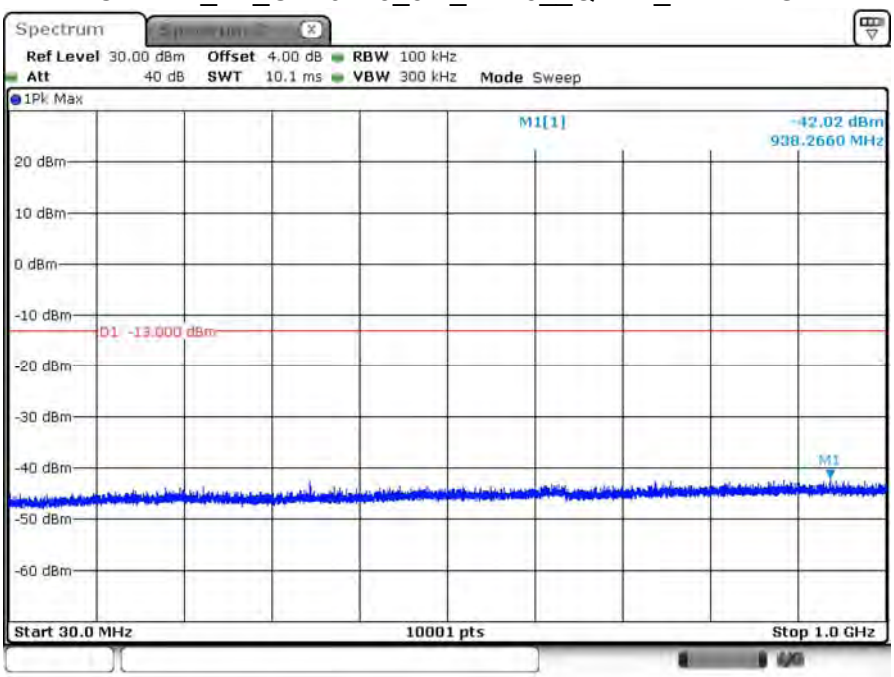

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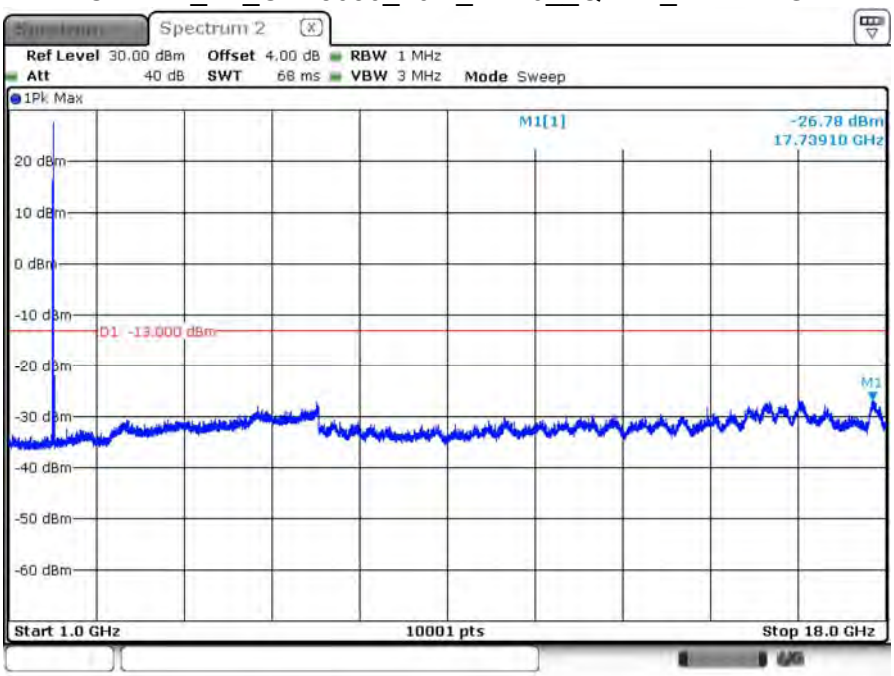

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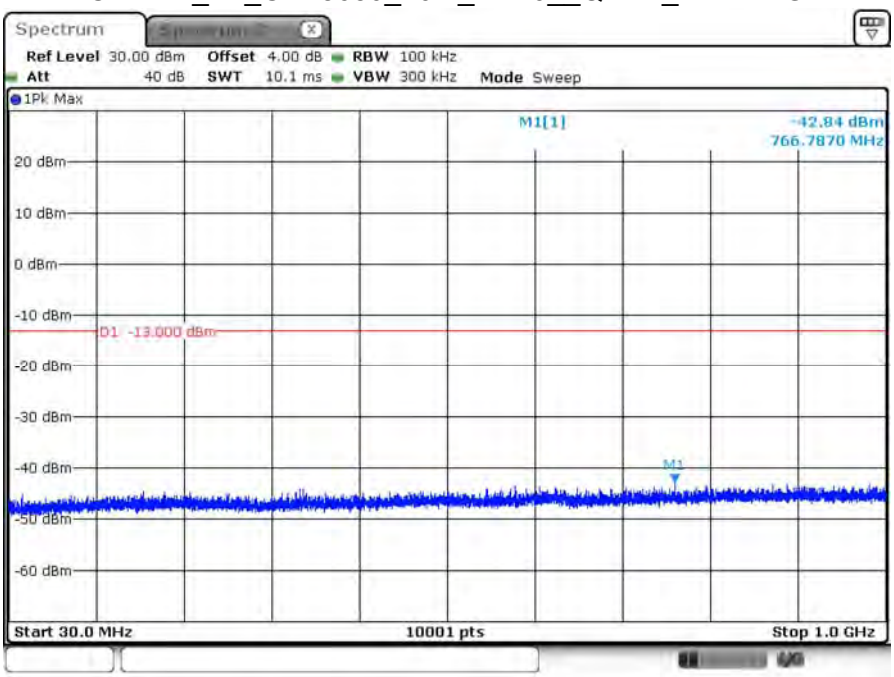

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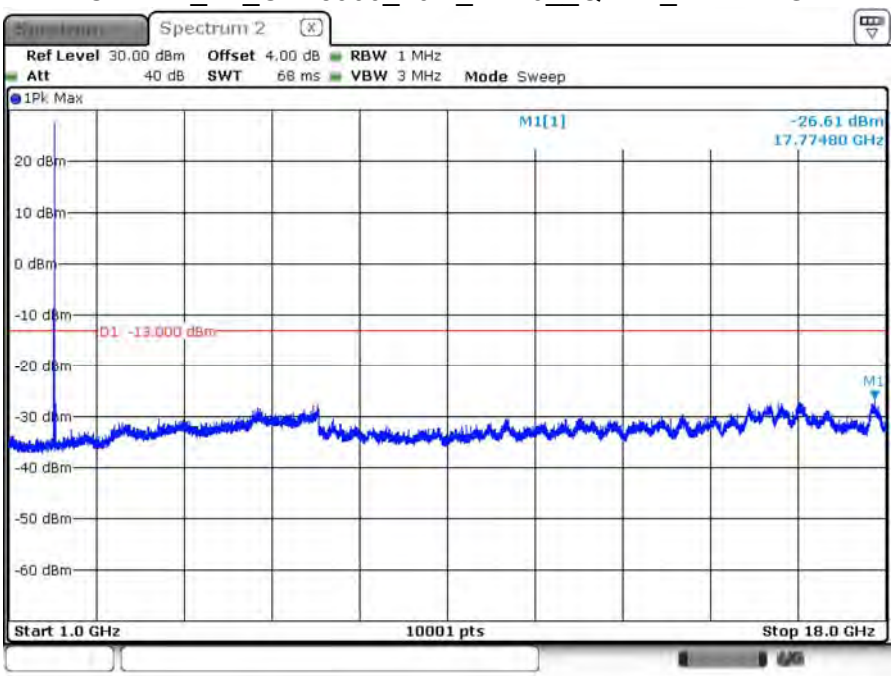

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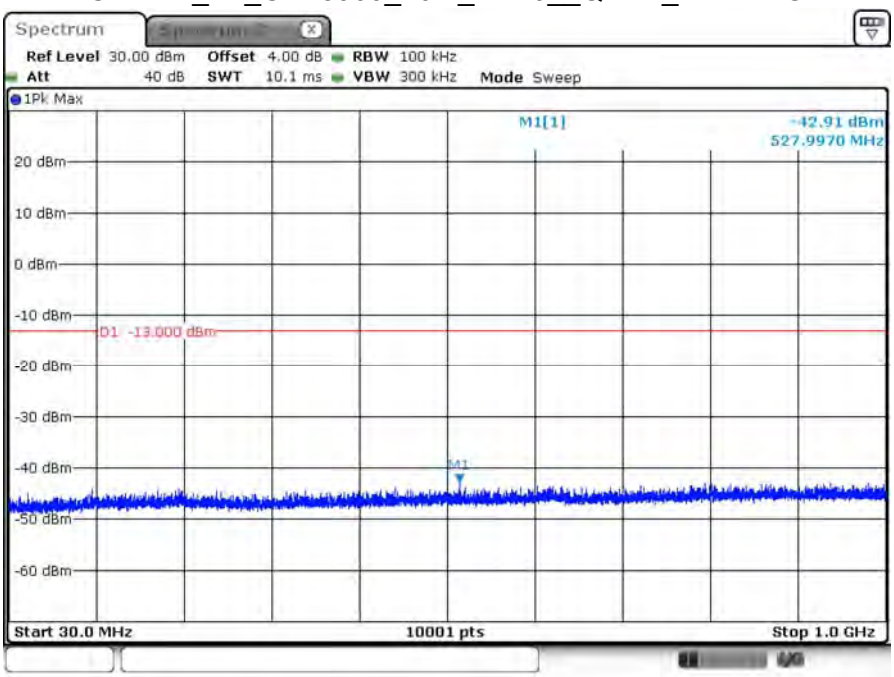

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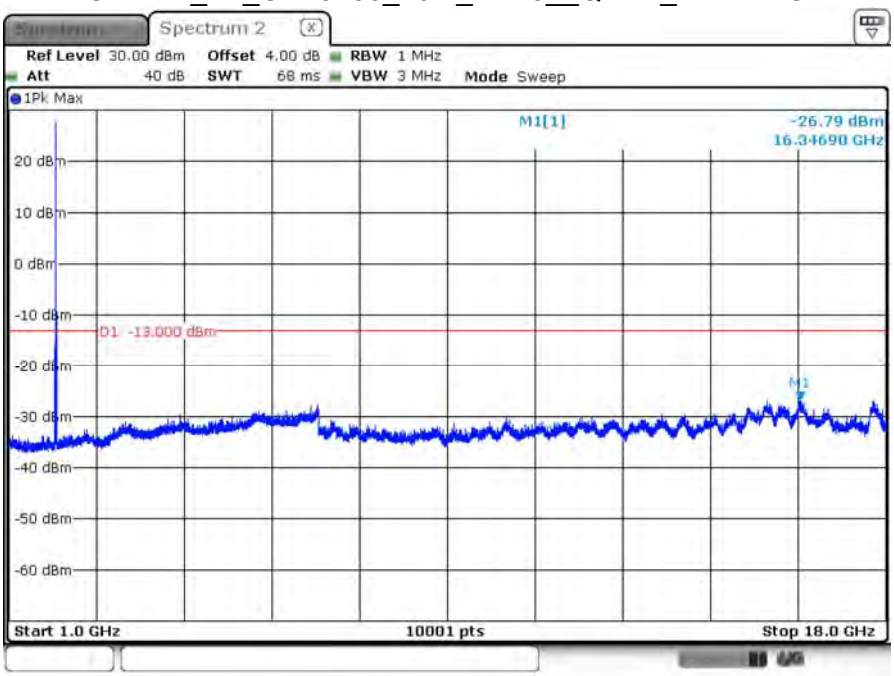

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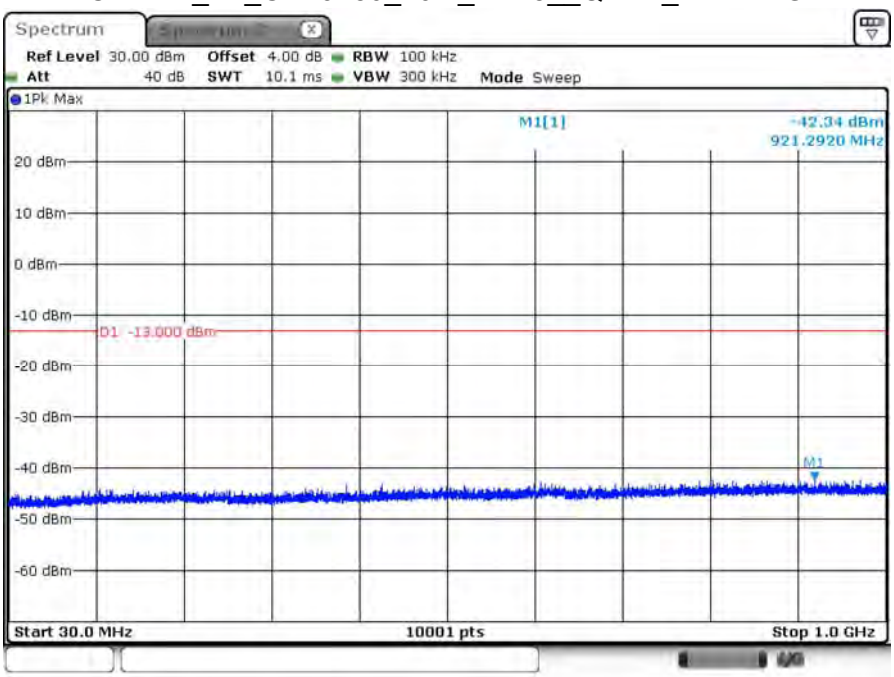

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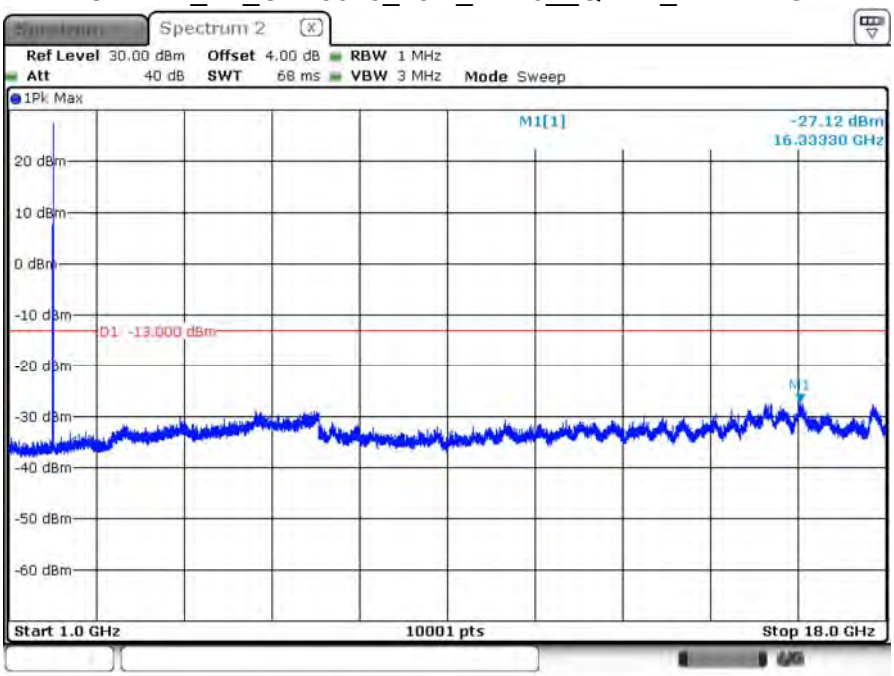

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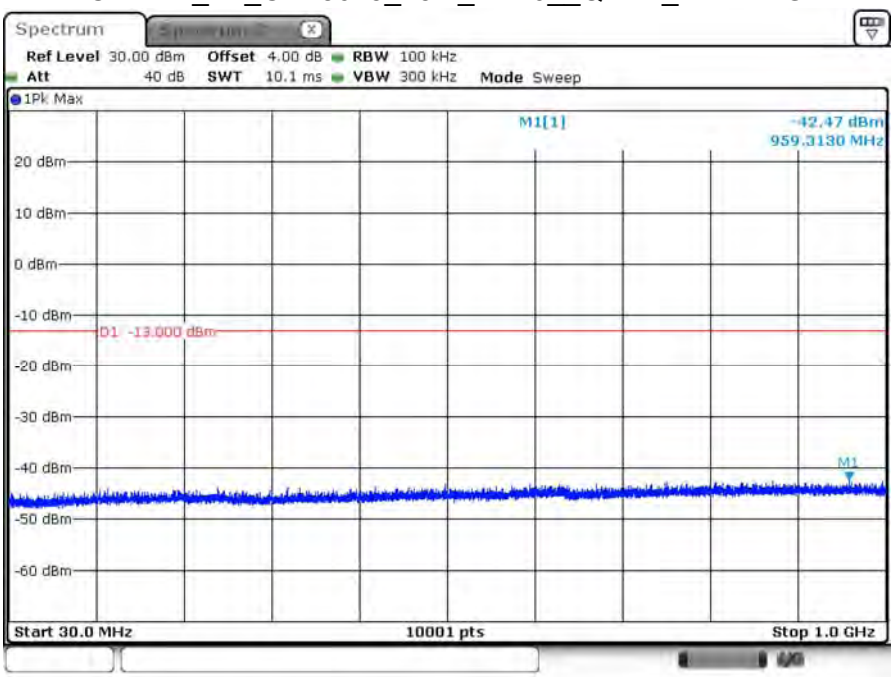

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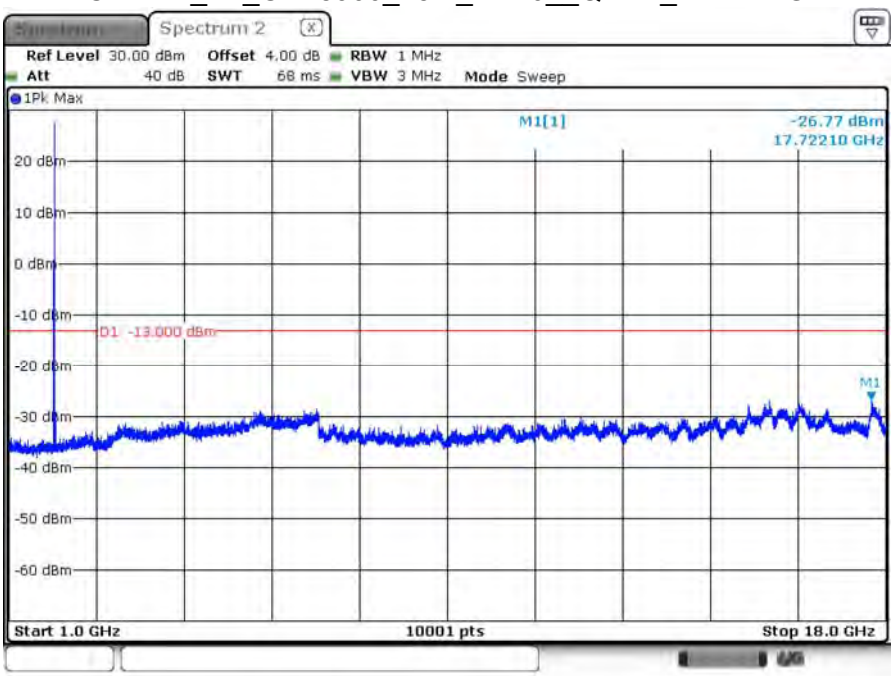

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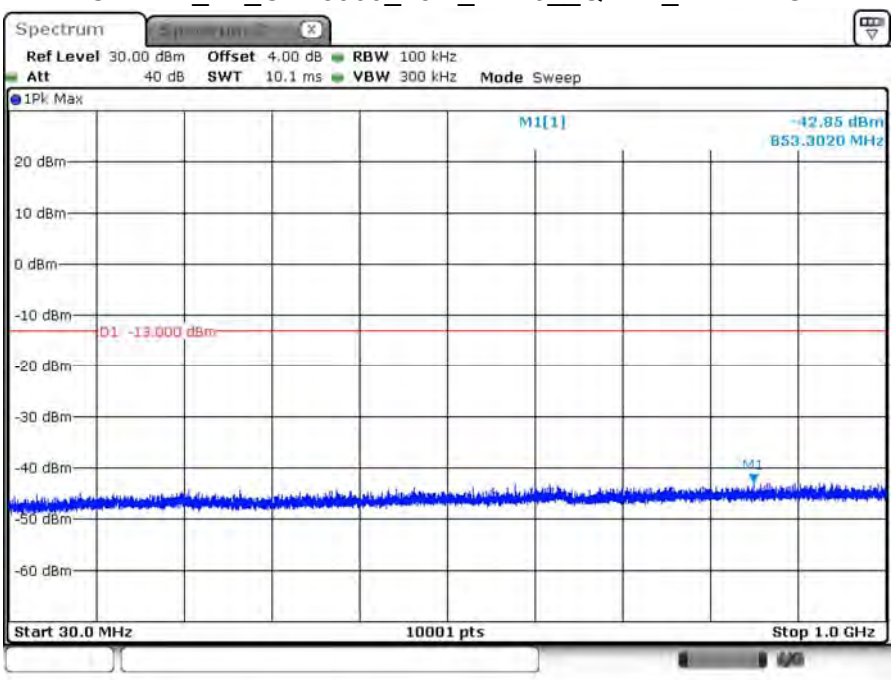

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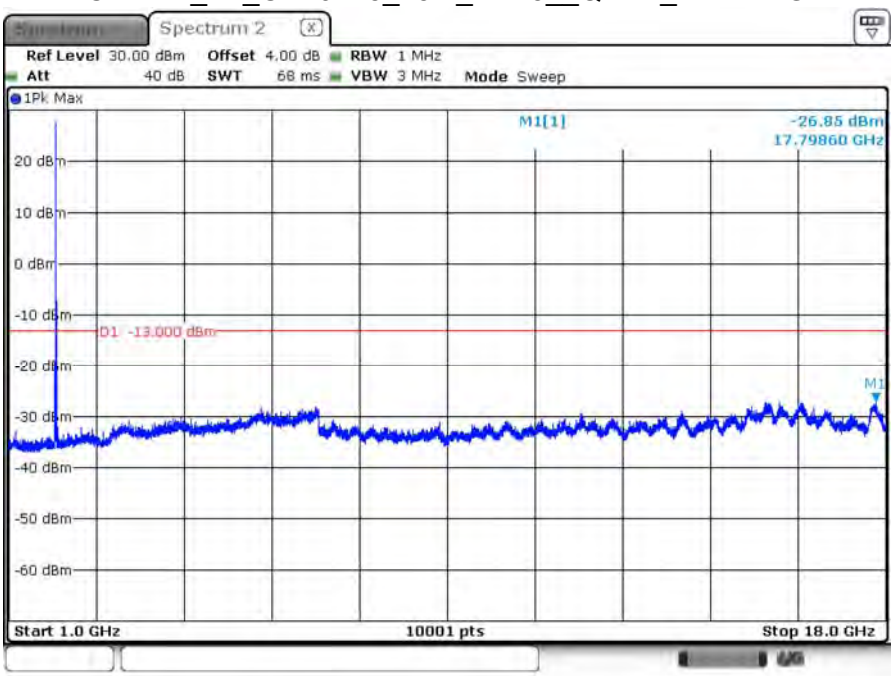

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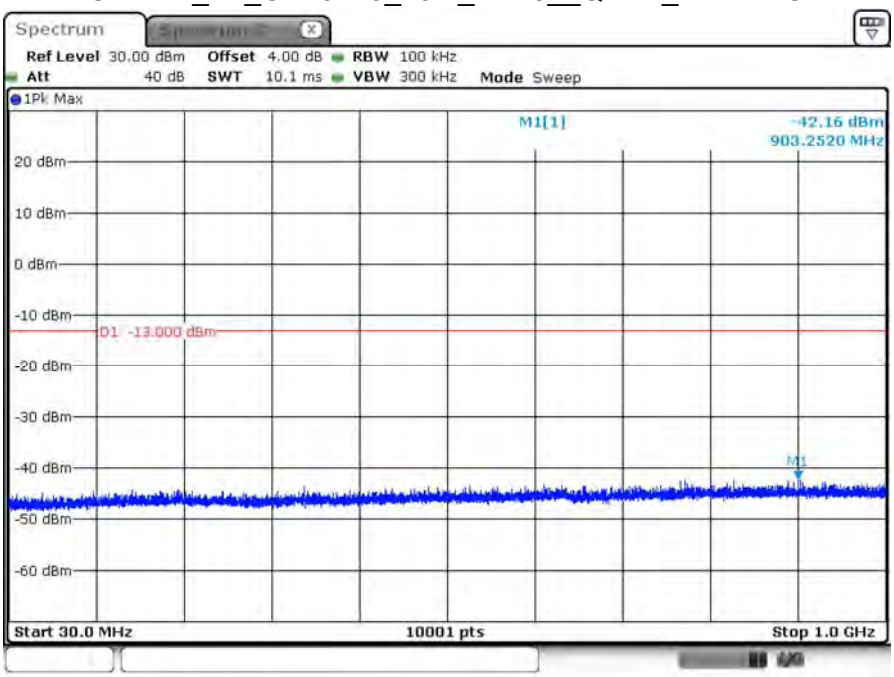

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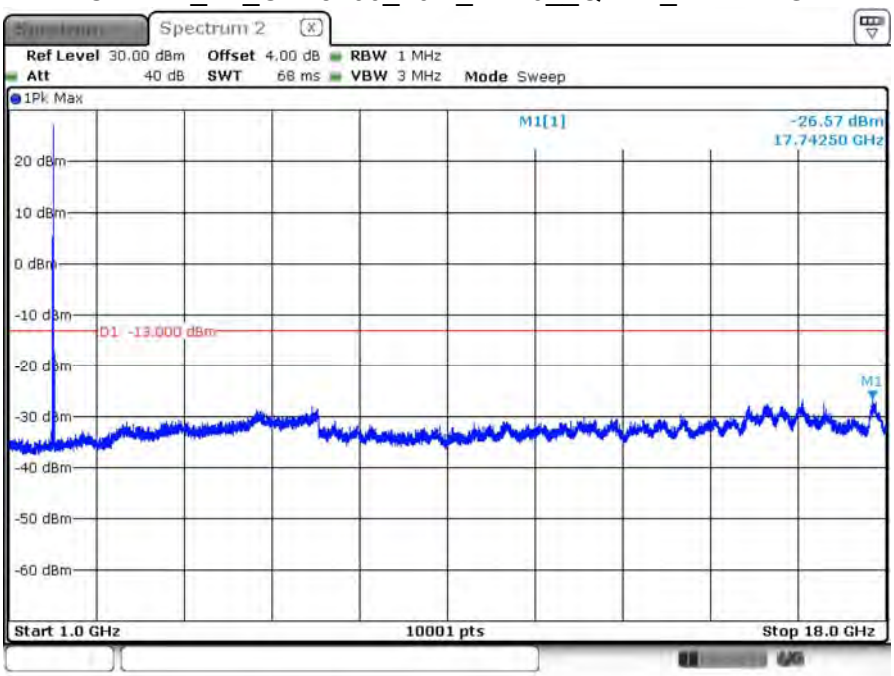

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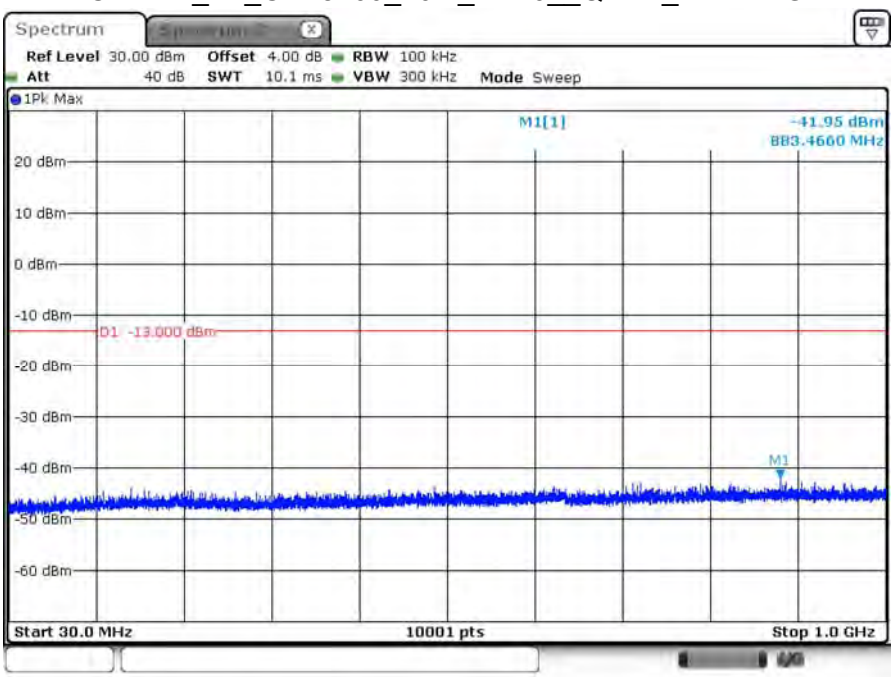

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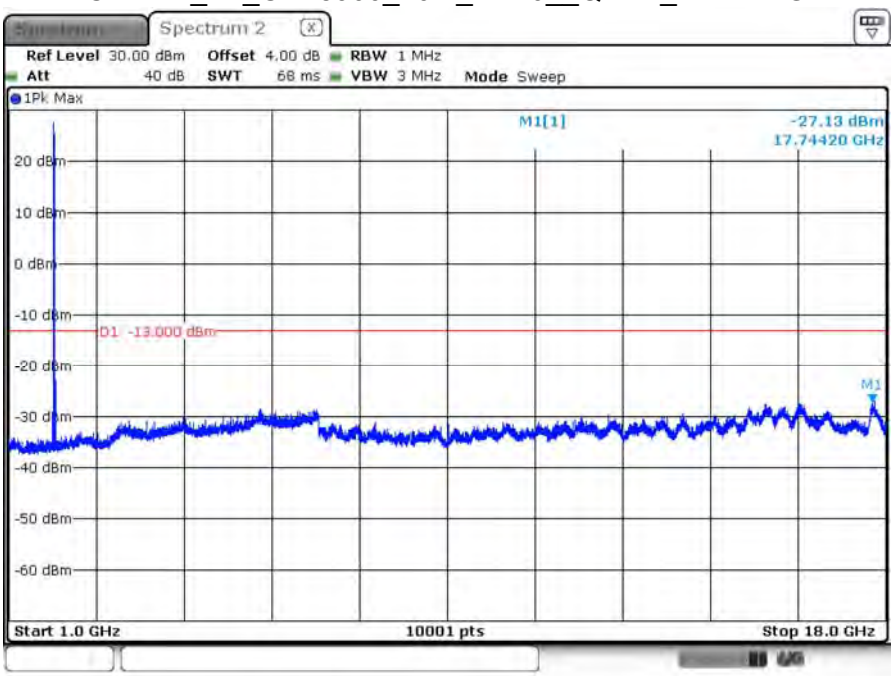

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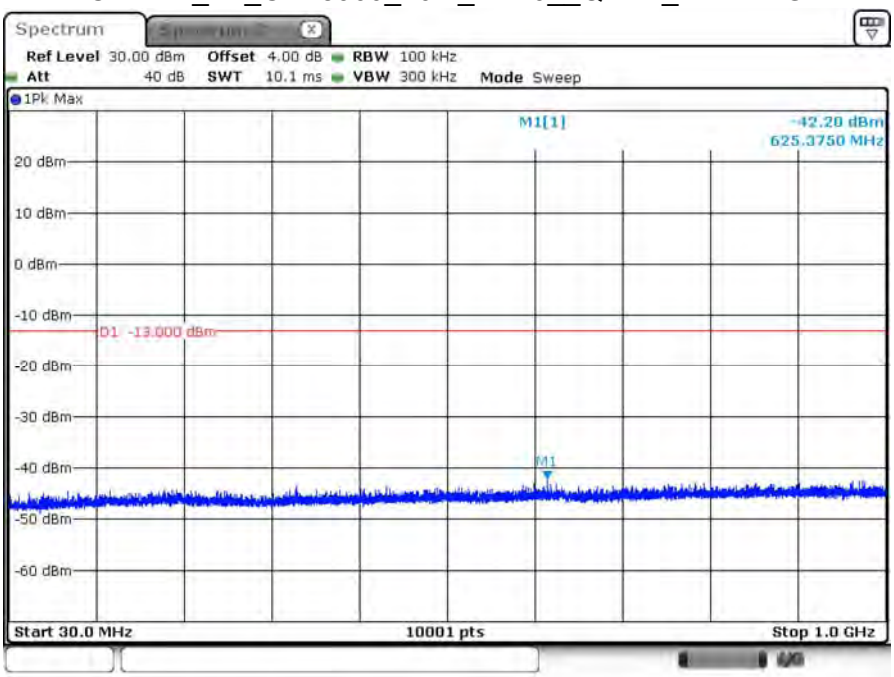

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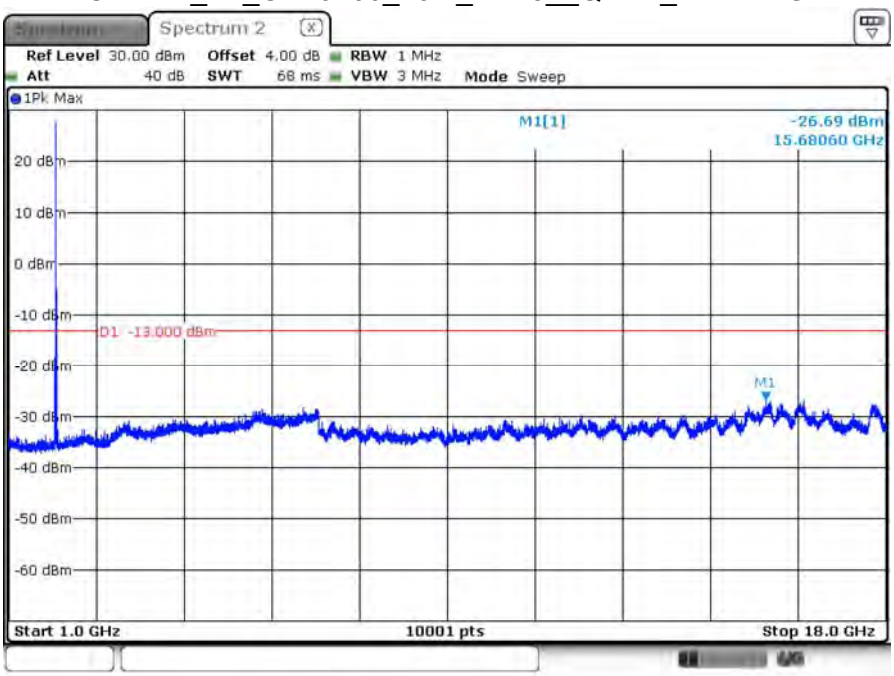

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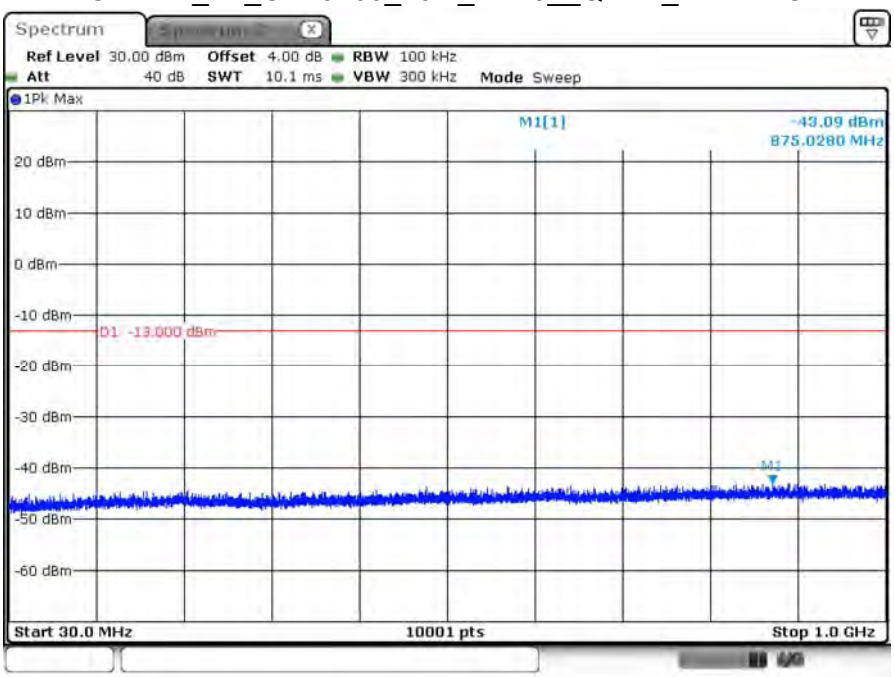
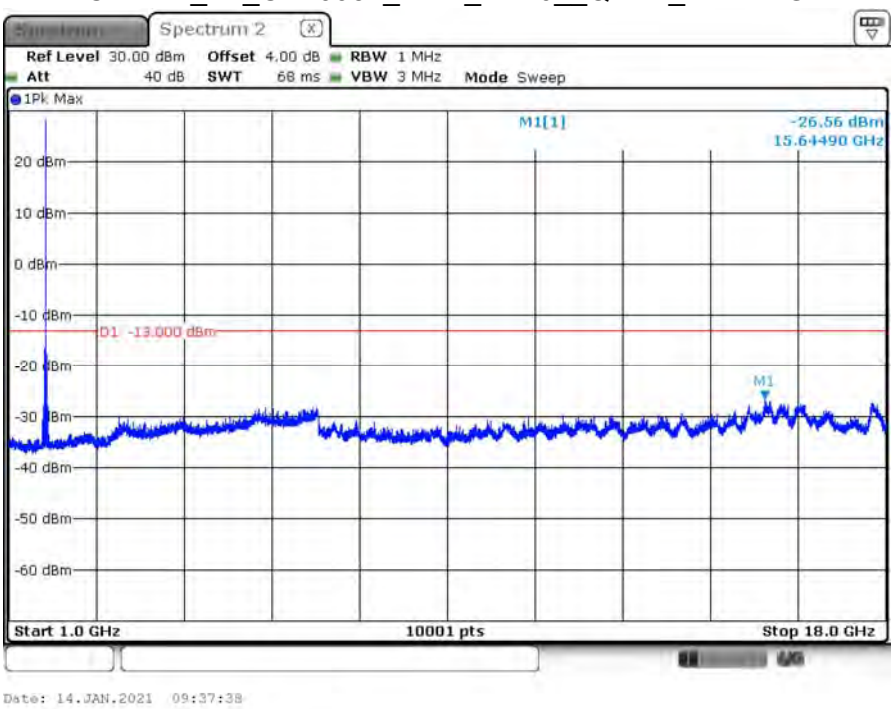


Date: 13.JAN.2021 17:15:32

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 2: Band4 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

CAT-M1_B4_CH19957_1.4M_1RB0__QPSK_Above1G



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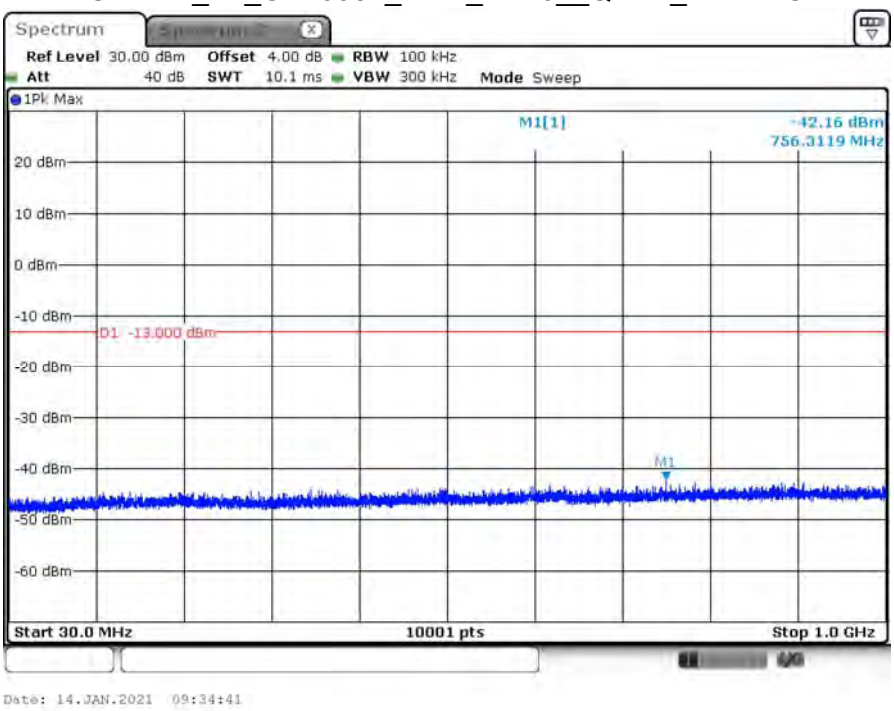

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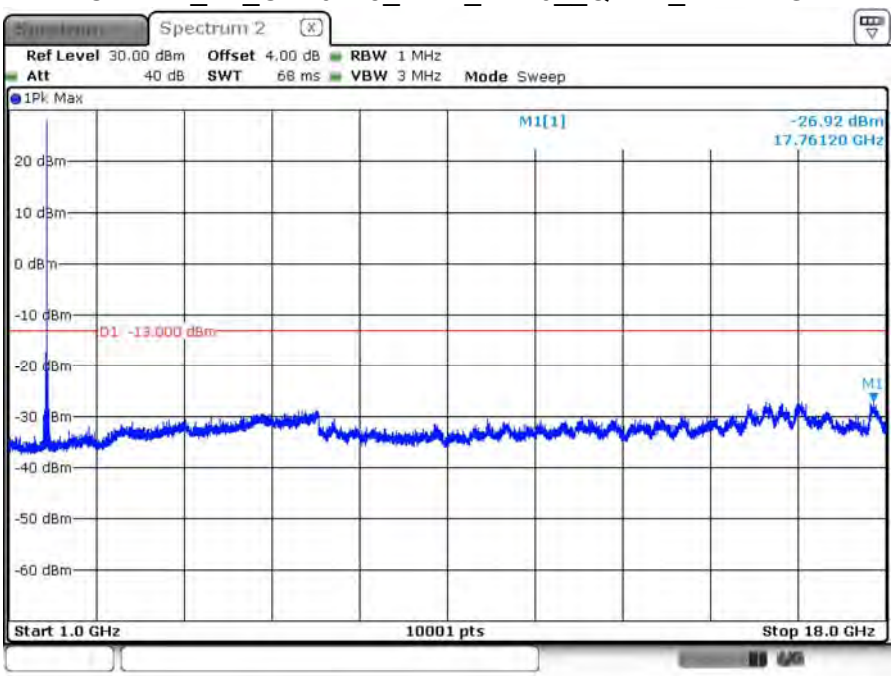

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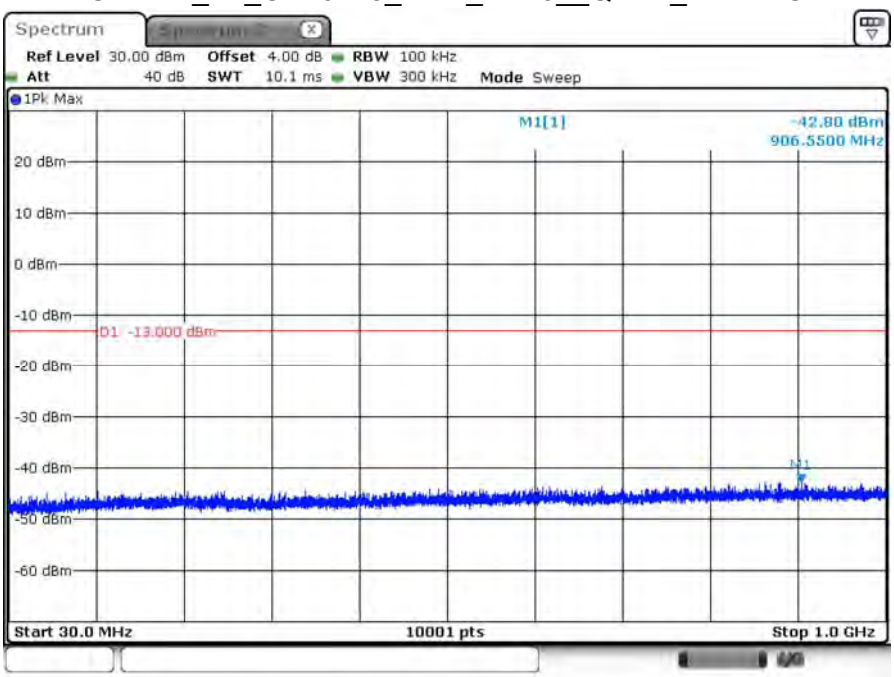

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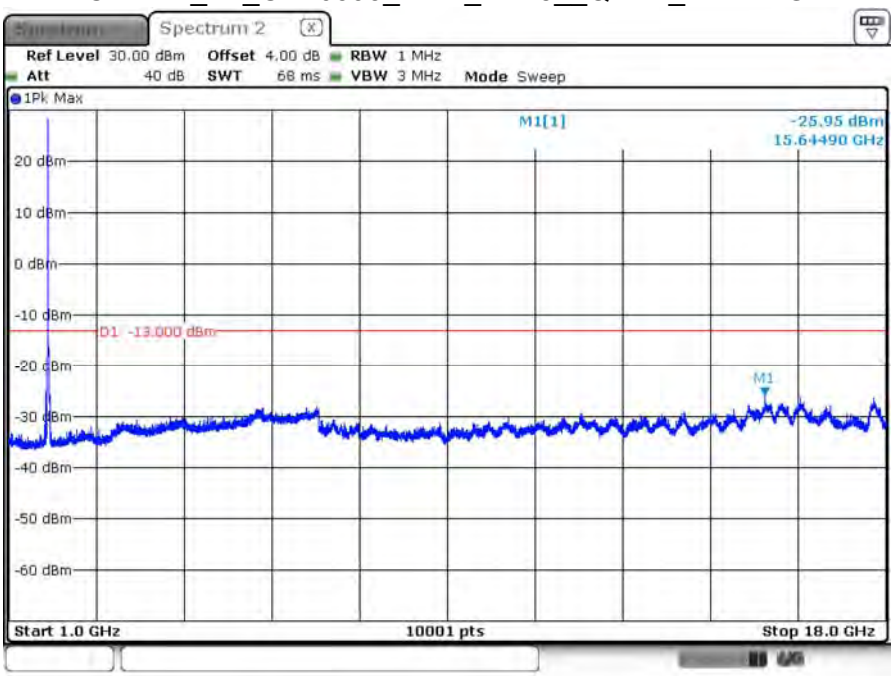

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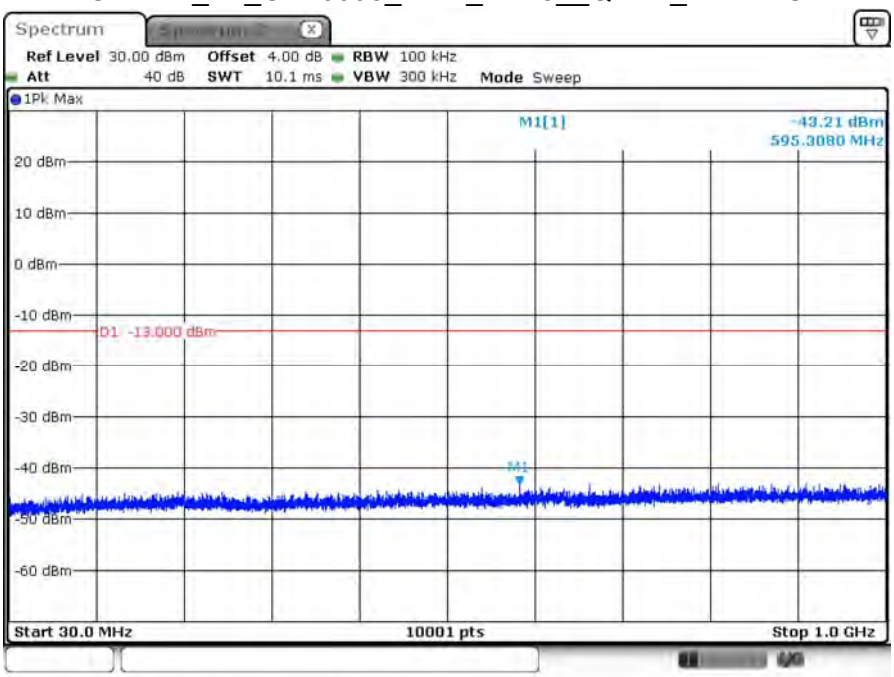

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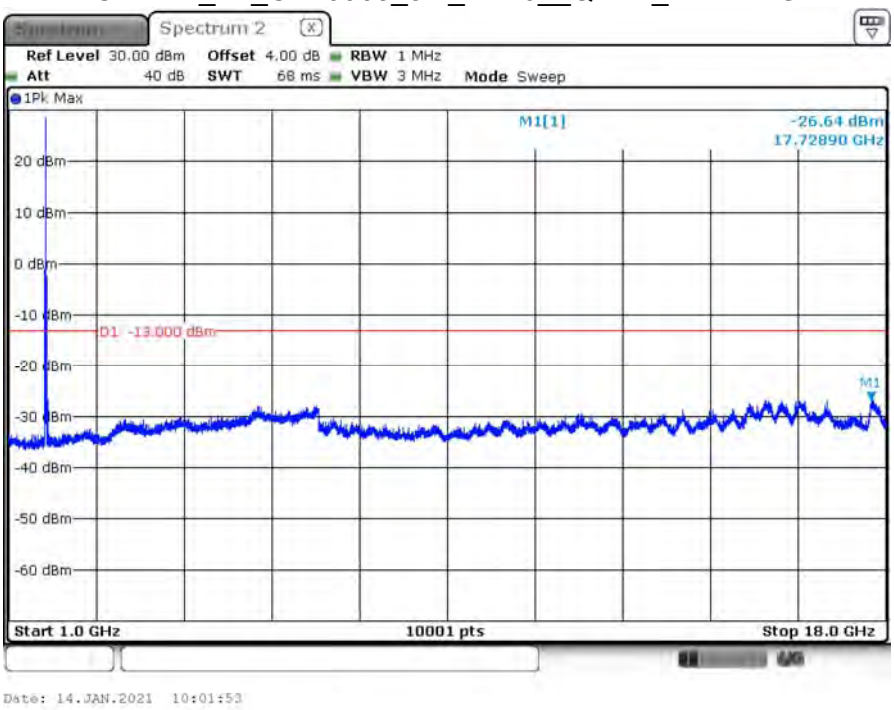

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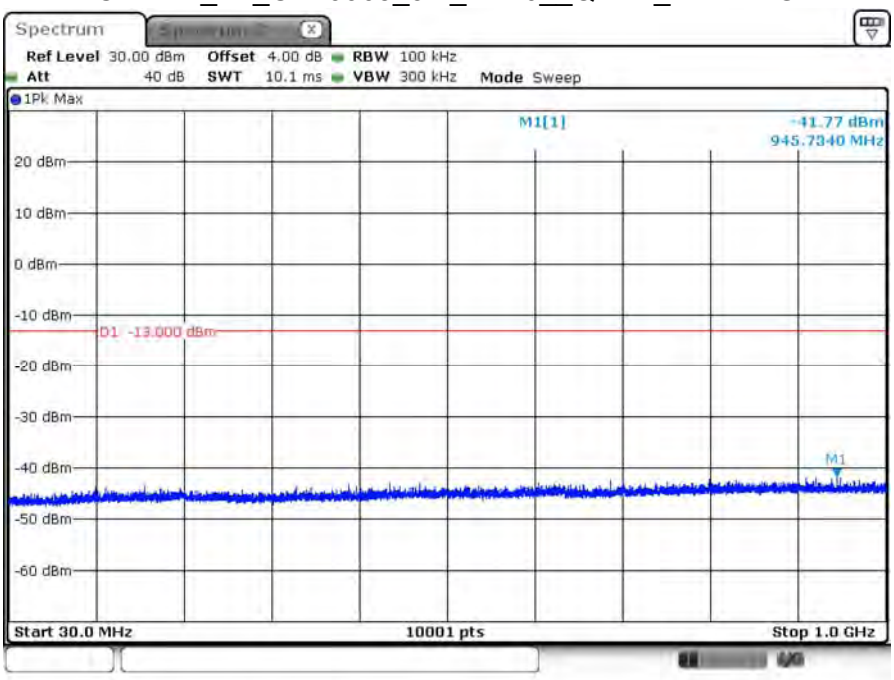

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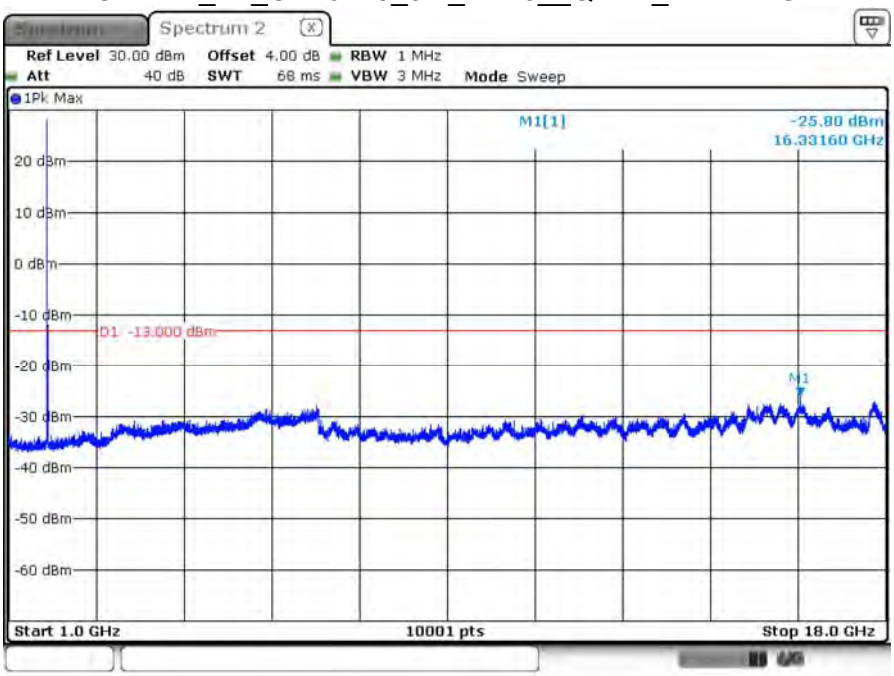

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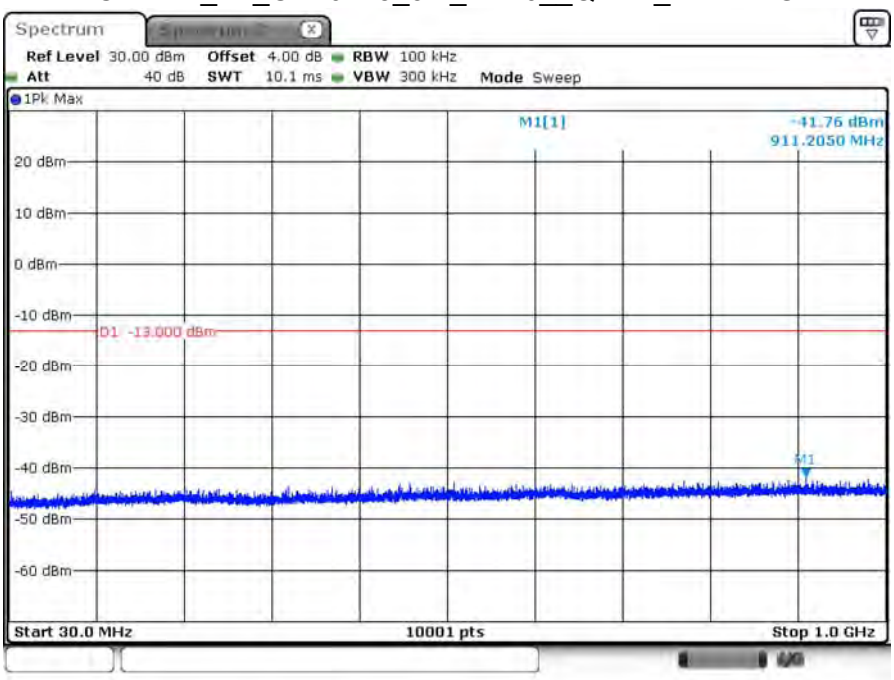

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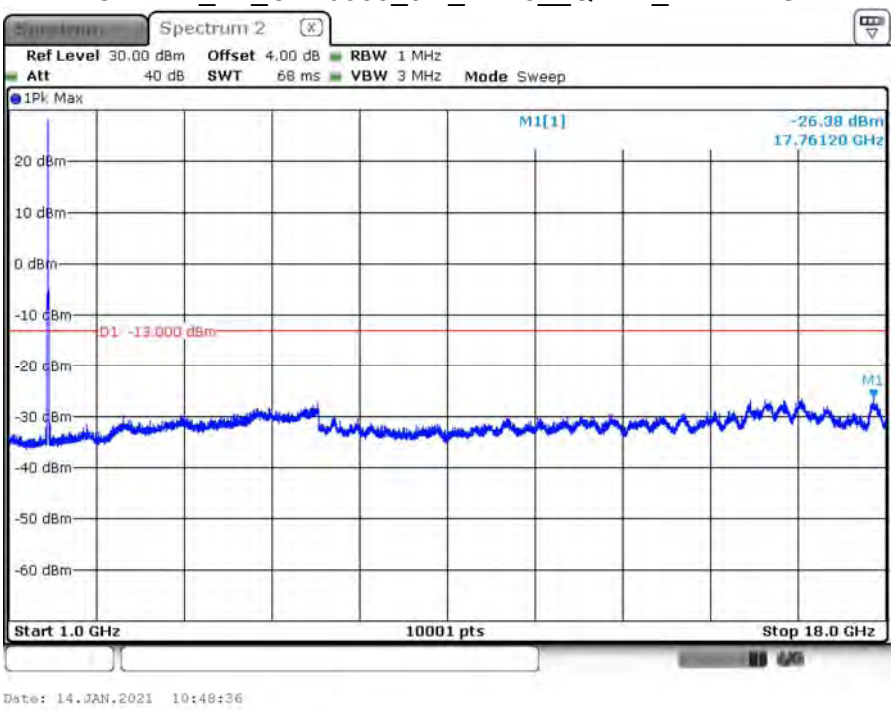

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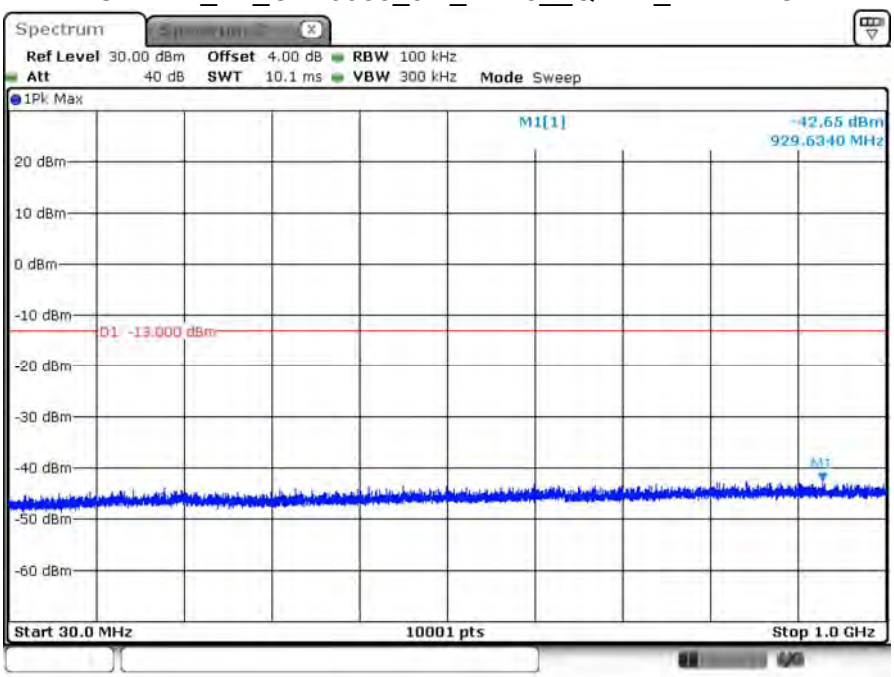

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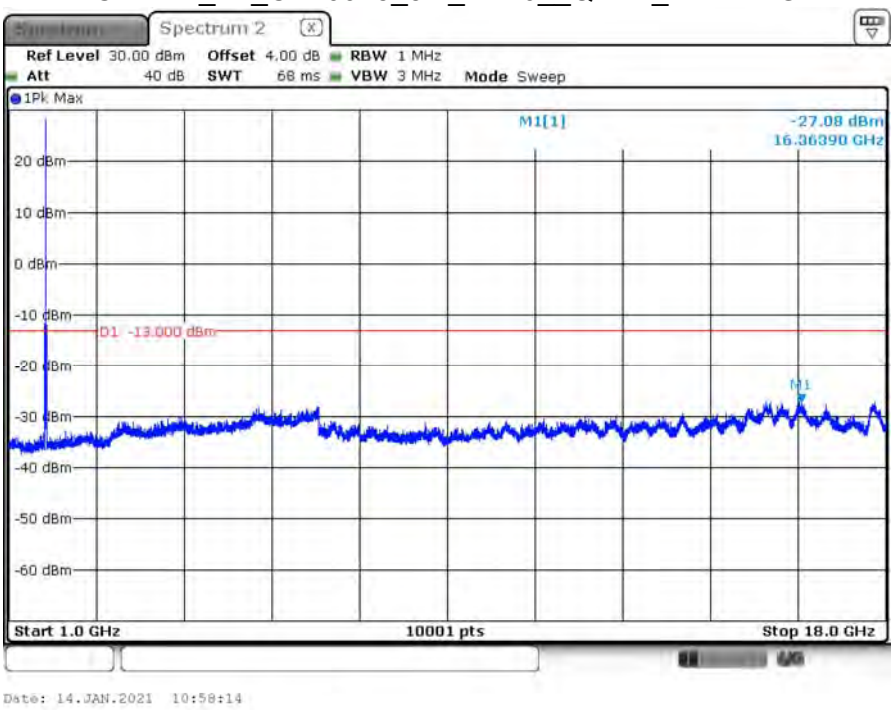

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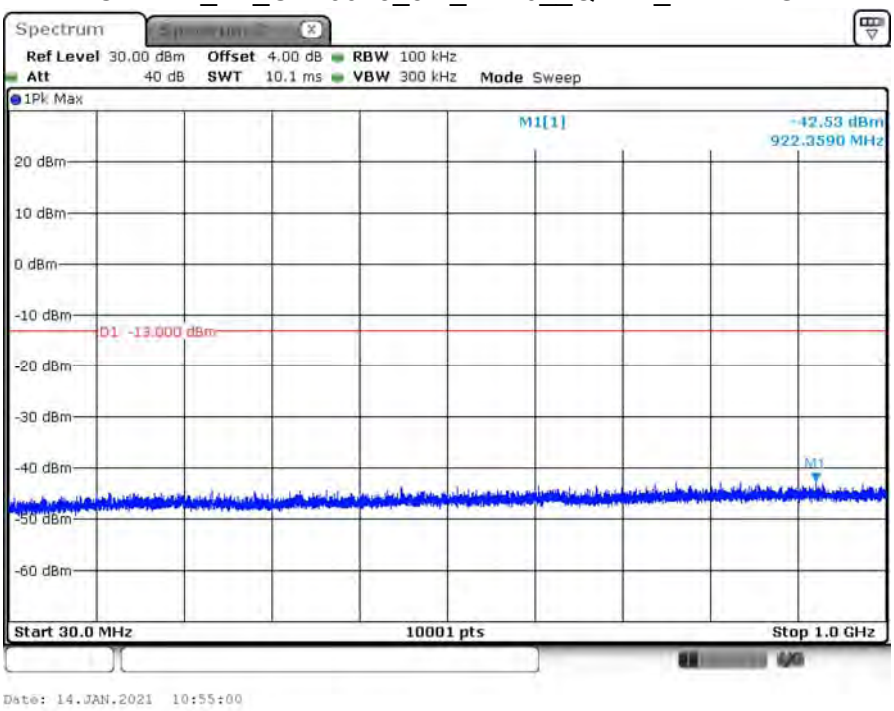

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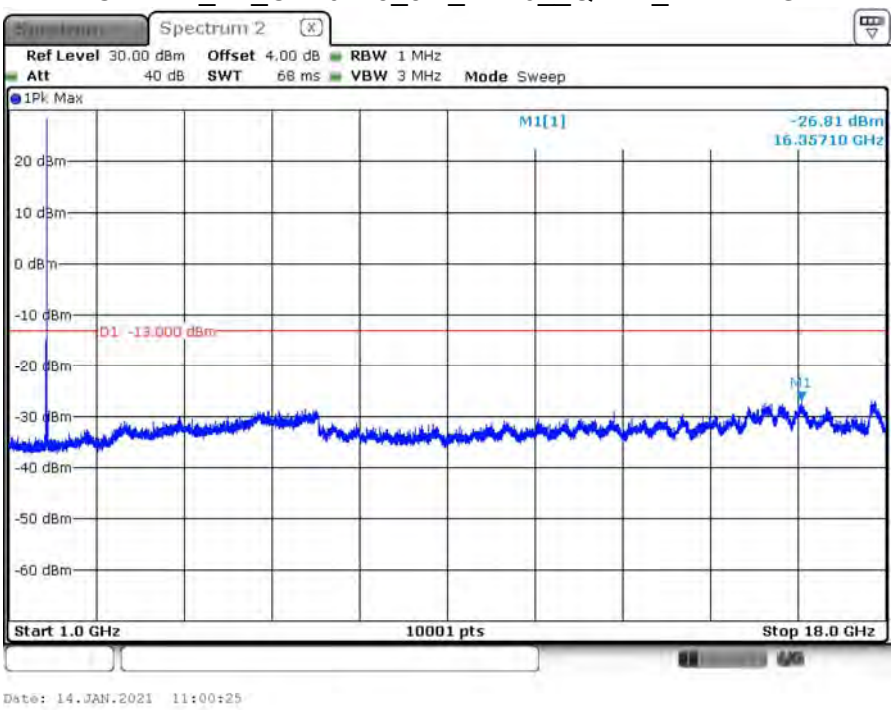

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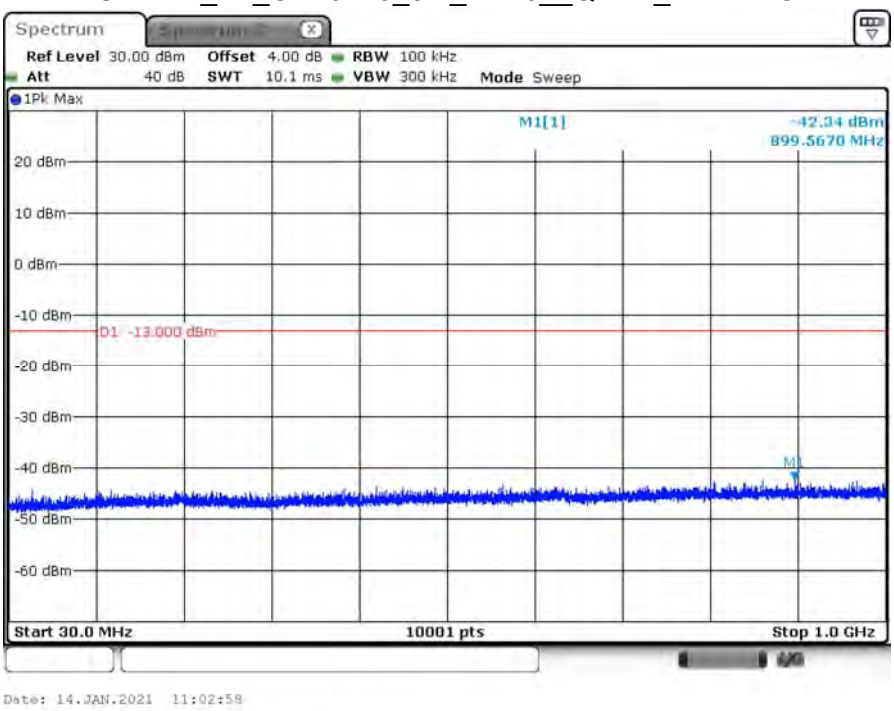

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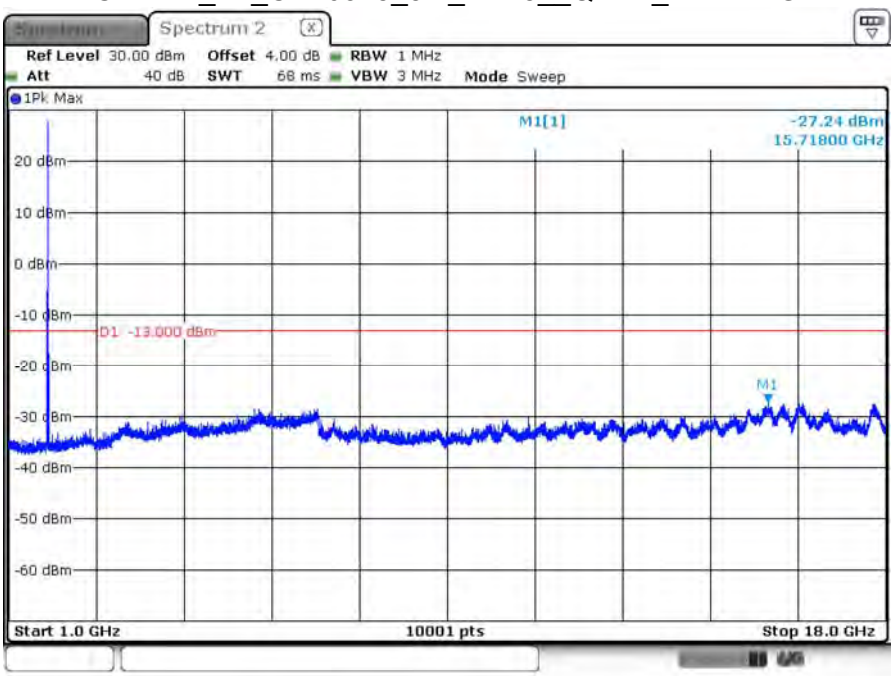

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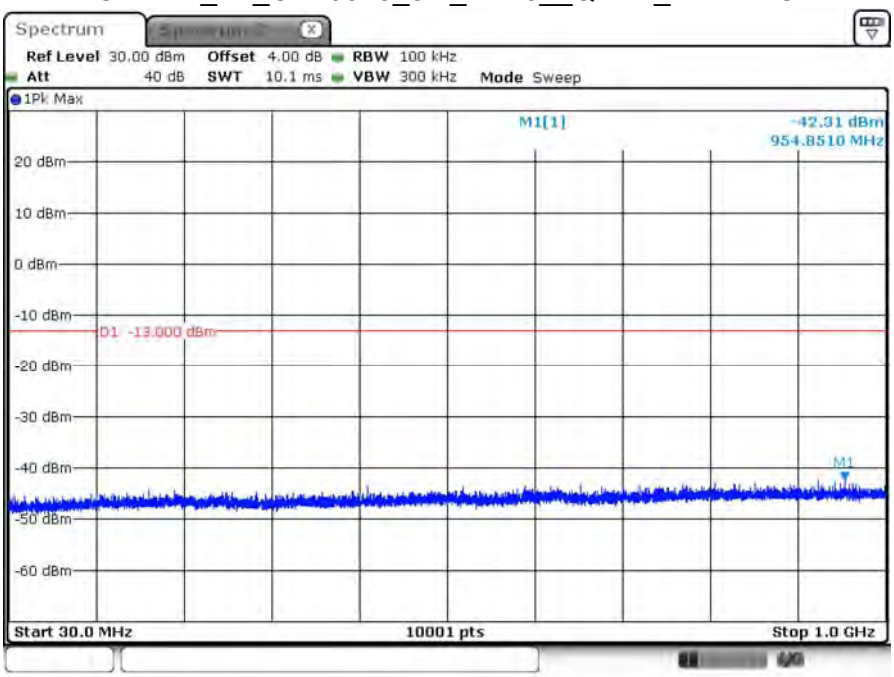

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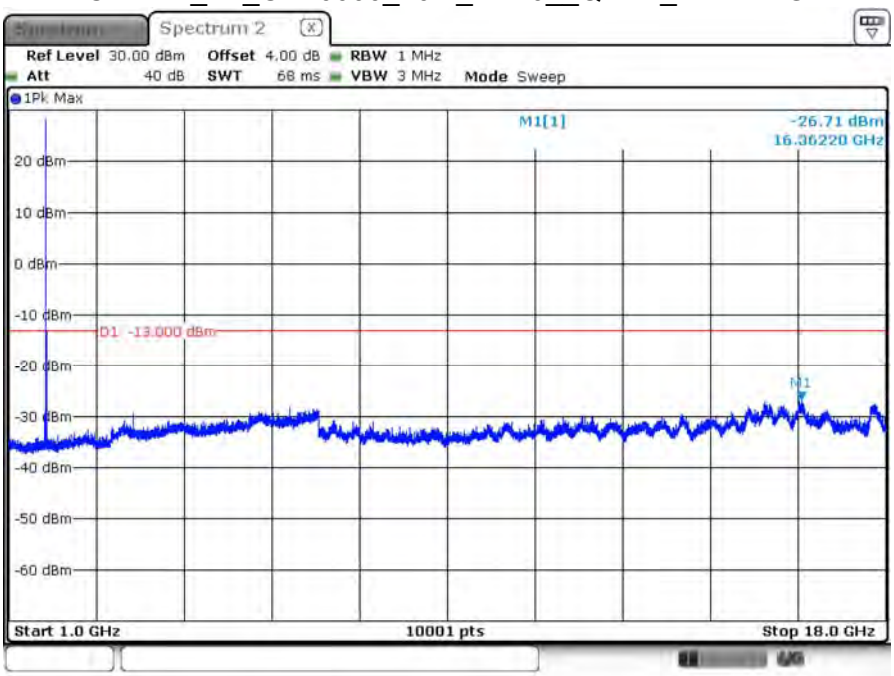

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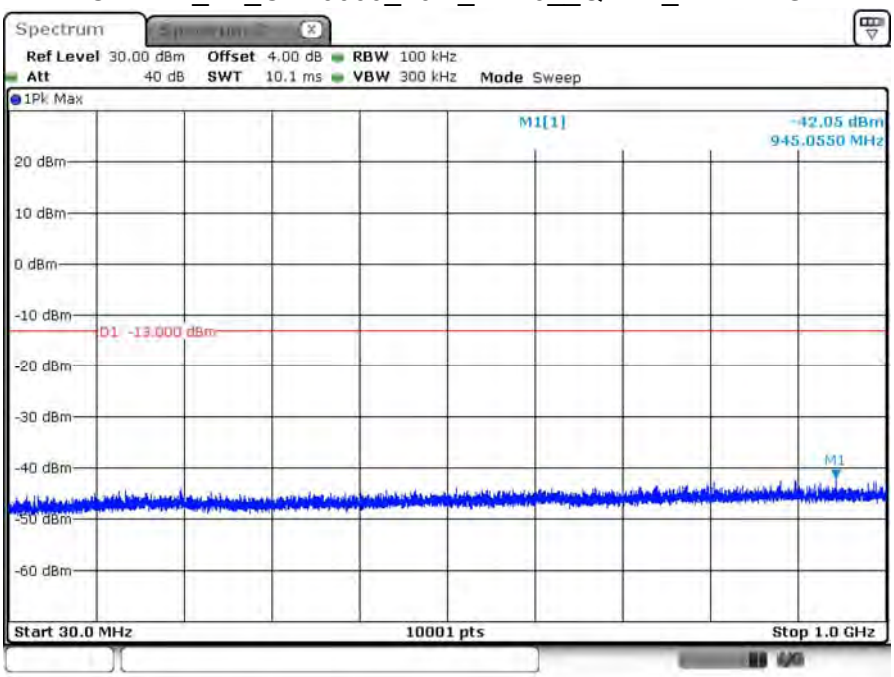

Date: 14.JAN.2021 11:11:48

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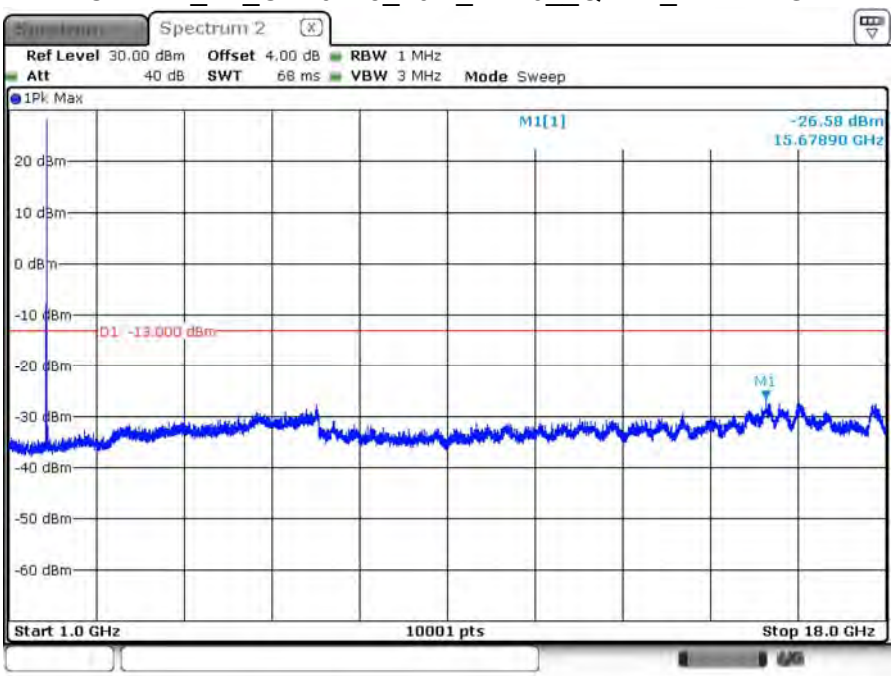

Date: 14.JAN.2021 11:15:05

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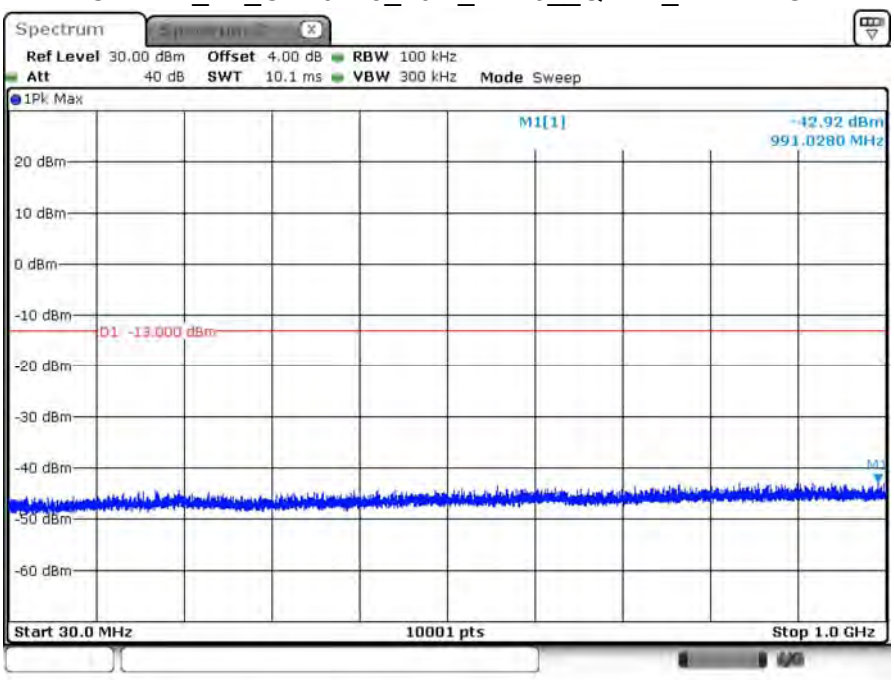

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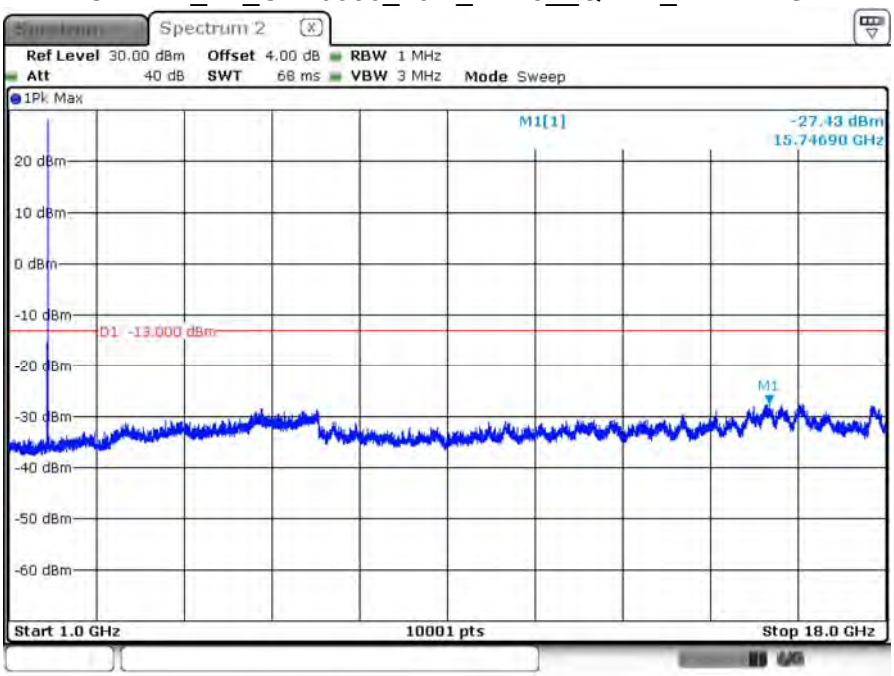

Date: 14.JAN.2021 11:16:21

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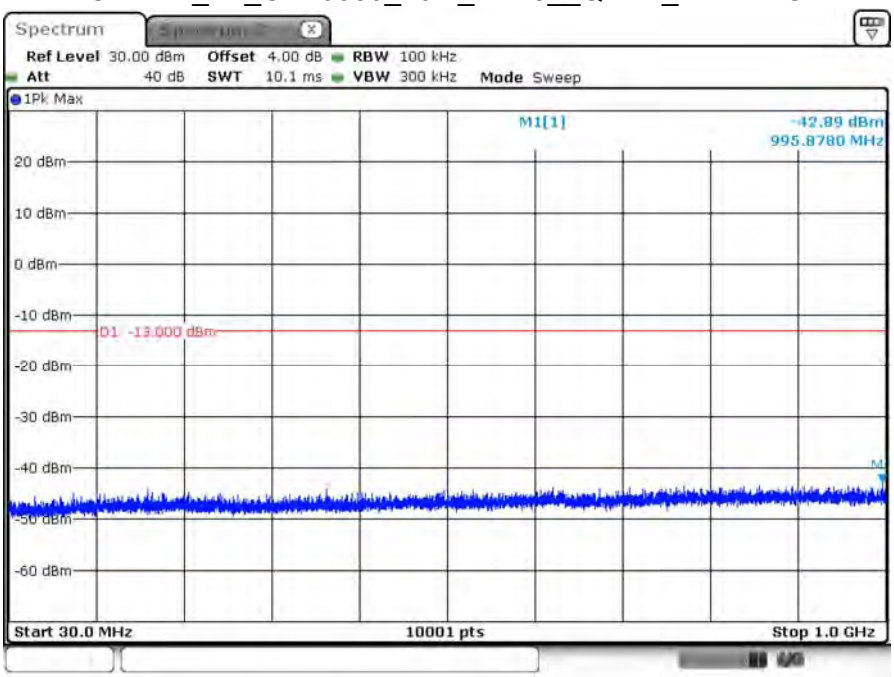

Date: 14.JAN.2021 11:16:59

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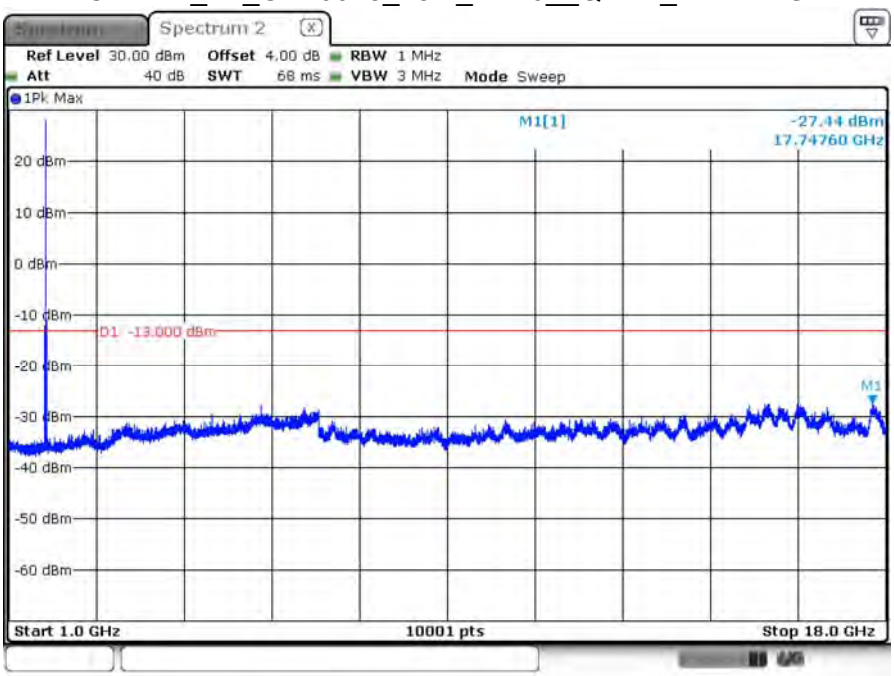

Date: 14.JAN.2021 11:19:53

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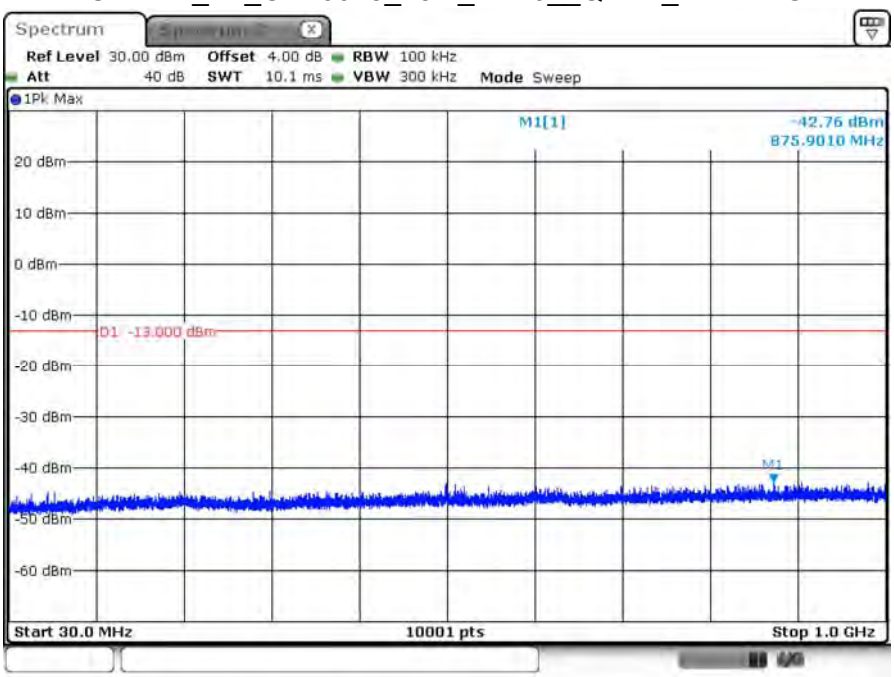

Date: 14.JAN.2021 11:18:41

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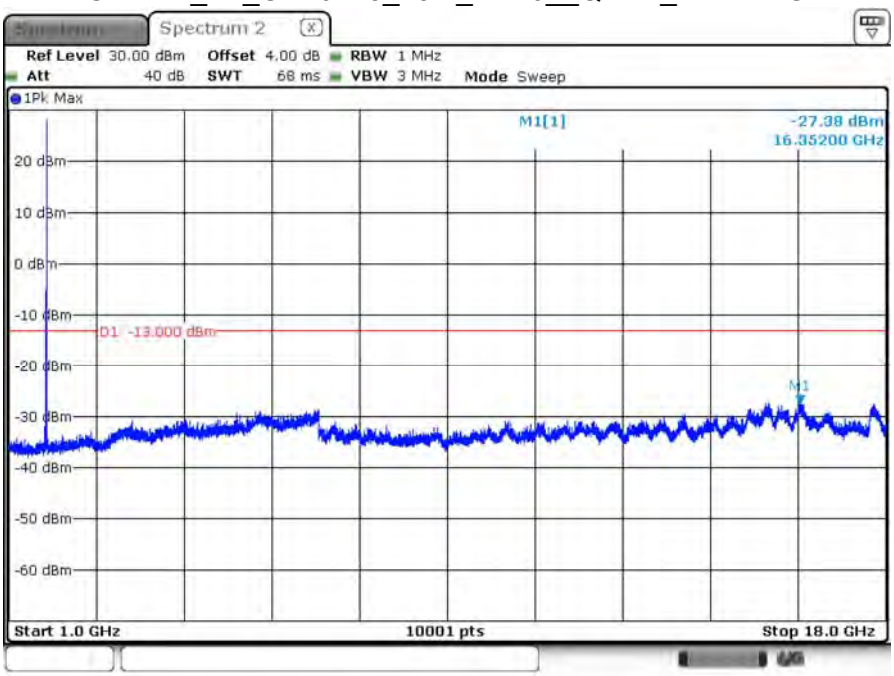

Date: 14.JAN.2021 11:21:01

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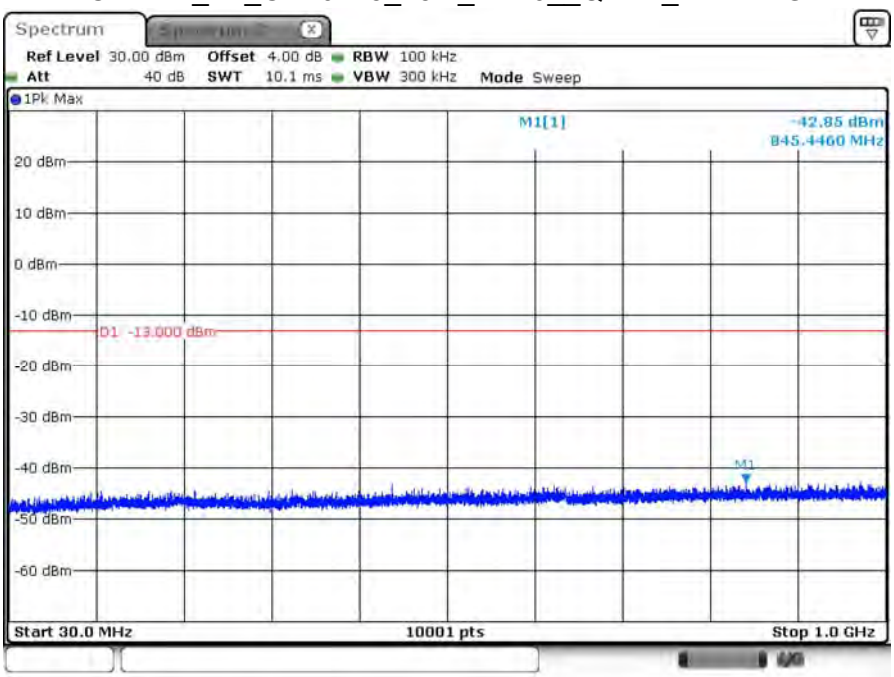

Date: 14.JAN.2021 11:22:47

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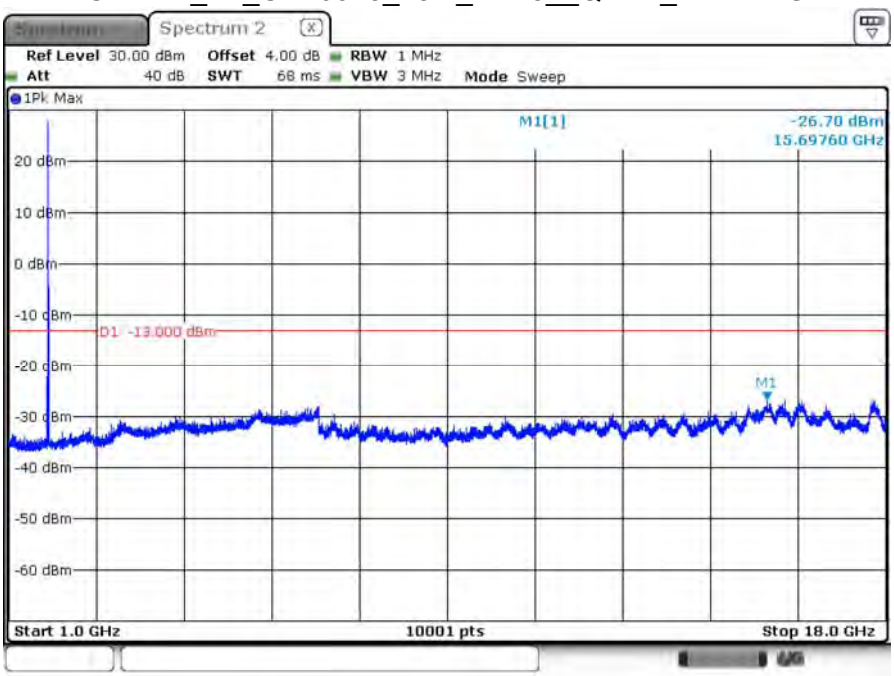

Date: 14.JAN.2021 11:41:52

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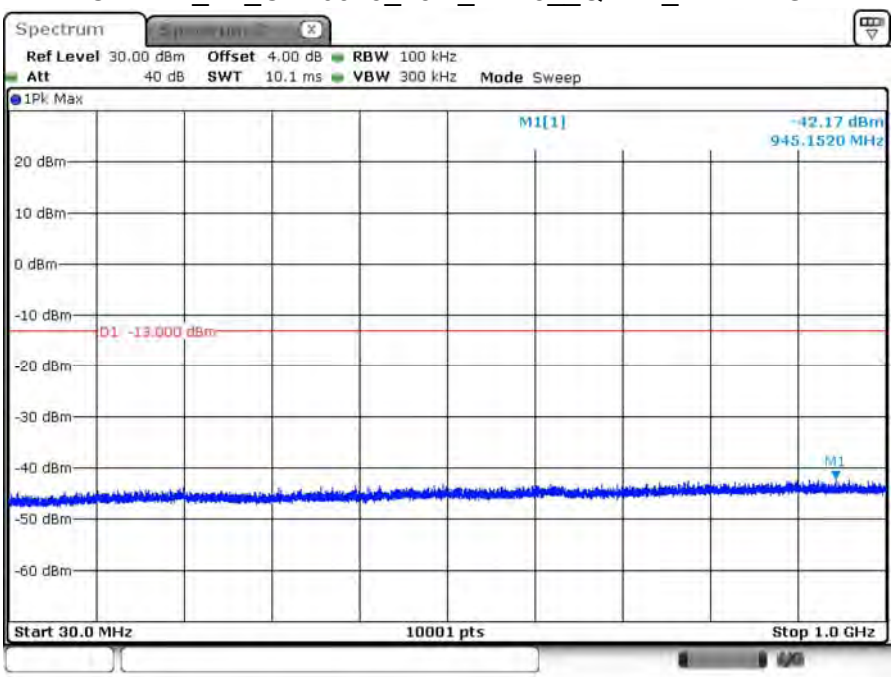

Date: 14.JAN.2021 11:37:35

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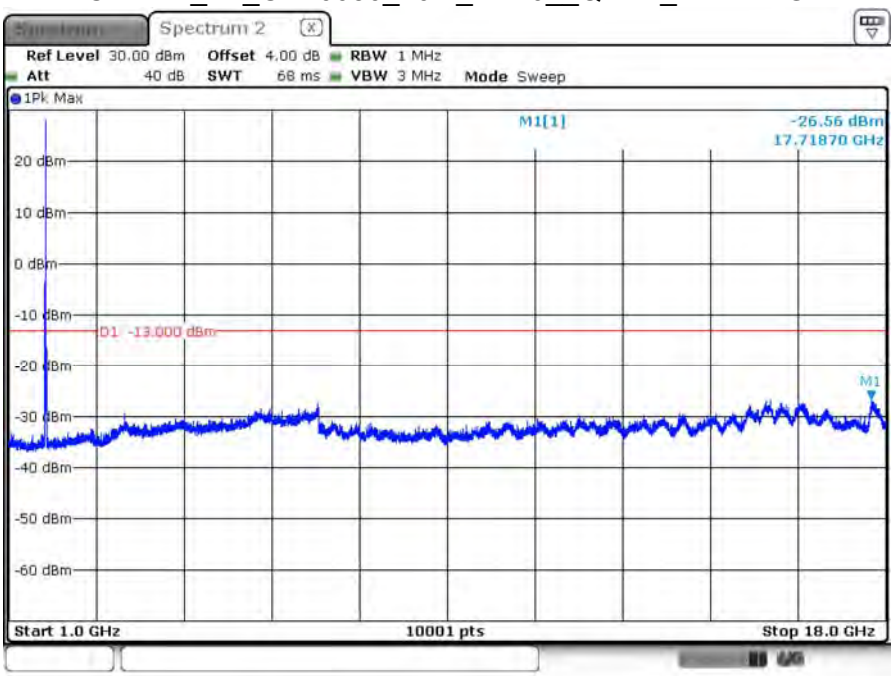

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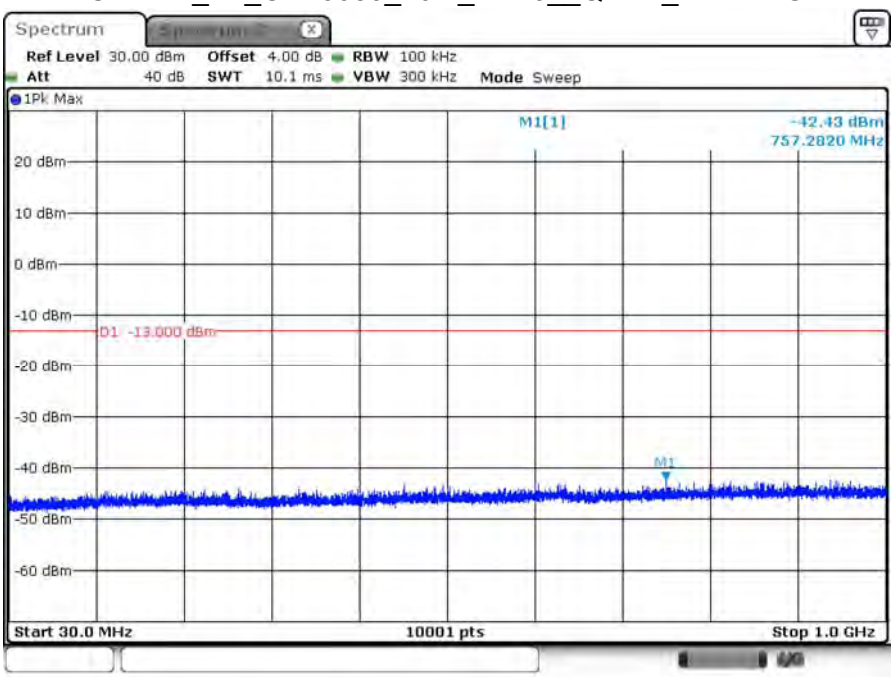

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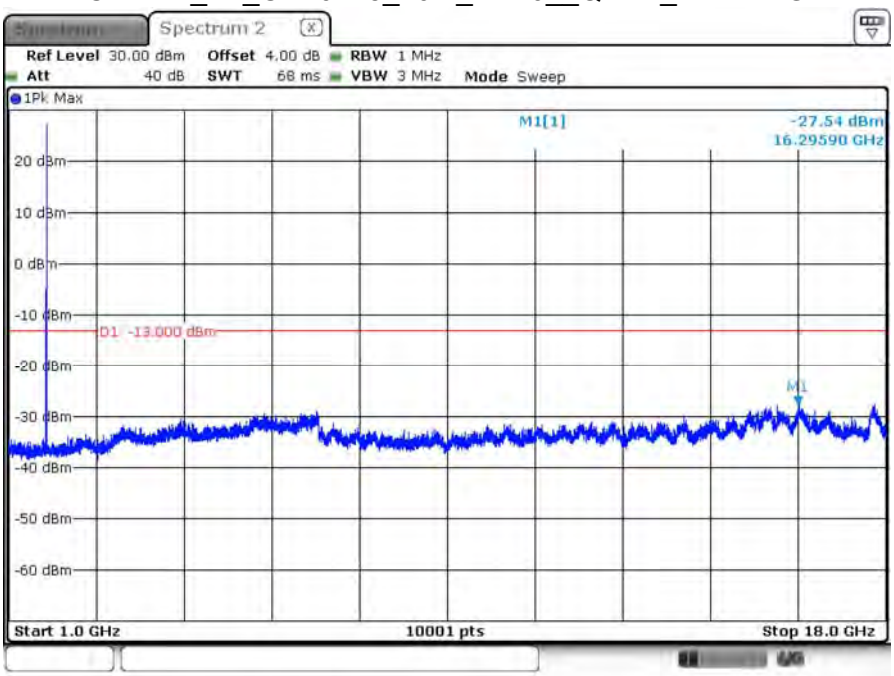

Date: 14.JAN.2021 11:54:20

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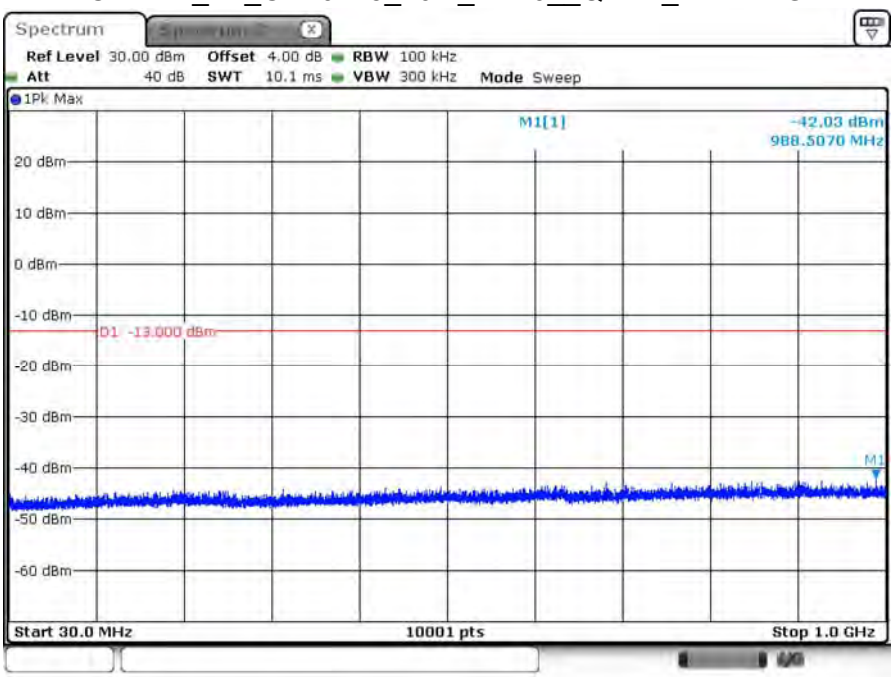

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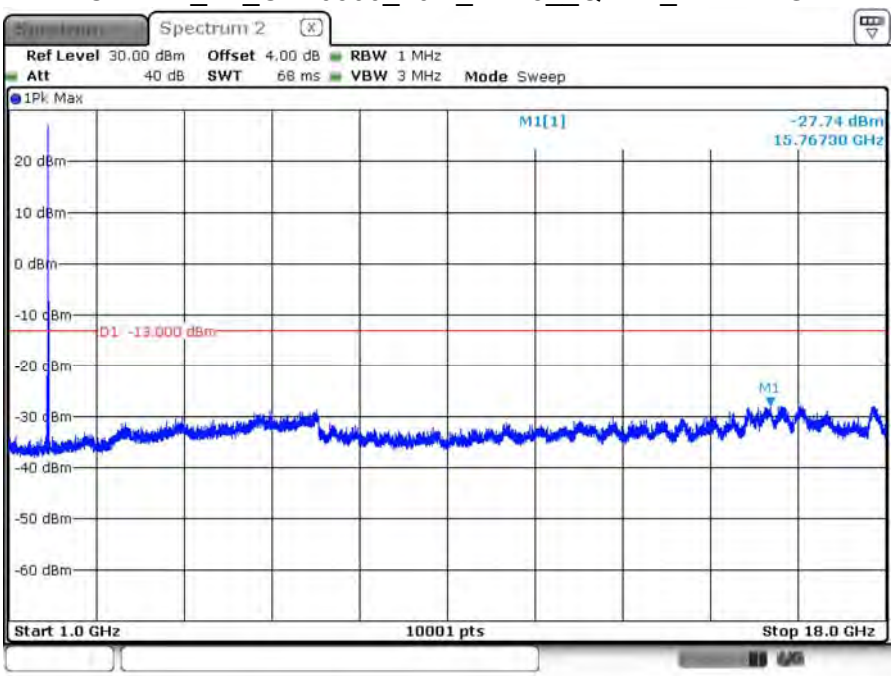

Date: 14.JAN.2021 11:55:17

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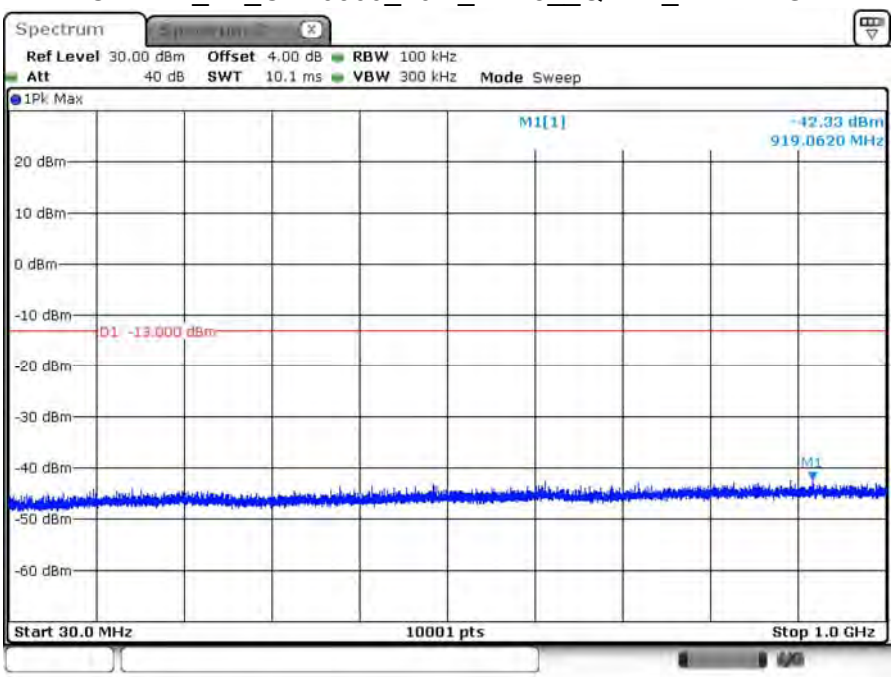
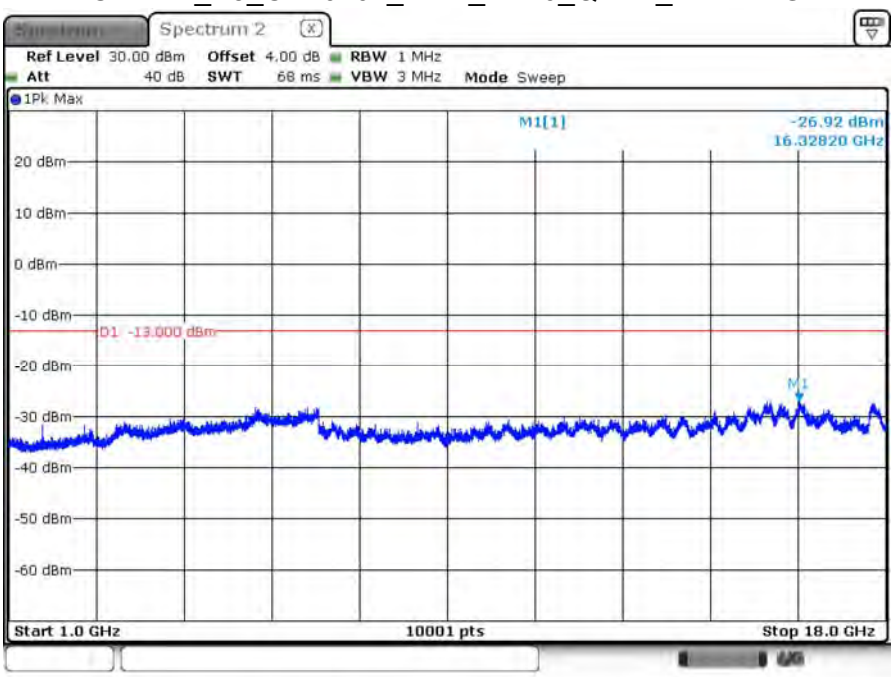


Date: 14.JAN.2021 11:59:05

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 3: Band5 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

CAT-M1_B5_CH20407_1.4M_1RB0_QPSK_Above 1G



Date: 14.JAN.2021 13:47:33

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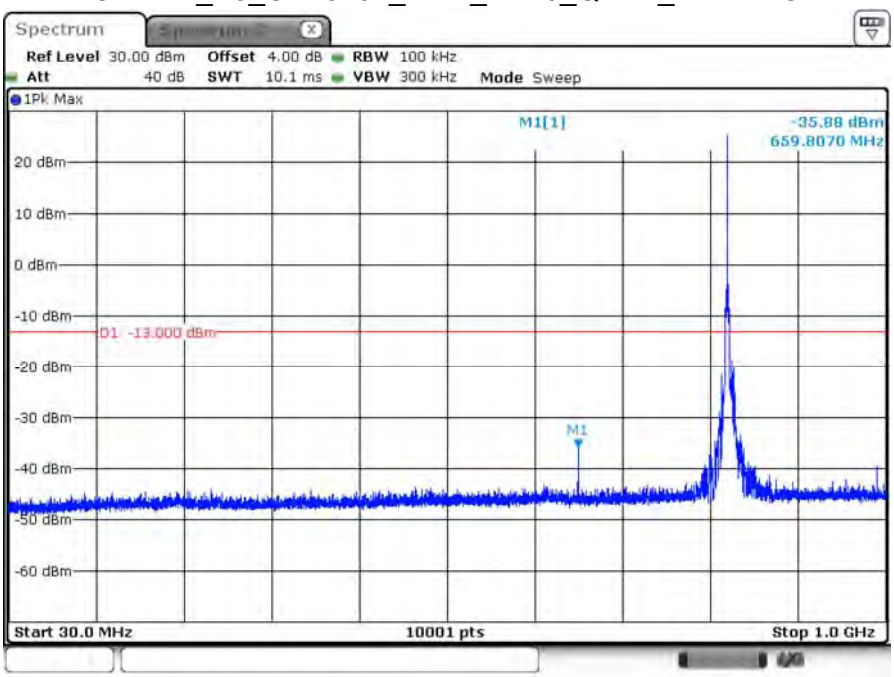

Date: 14.JAN.2021 13:44:13

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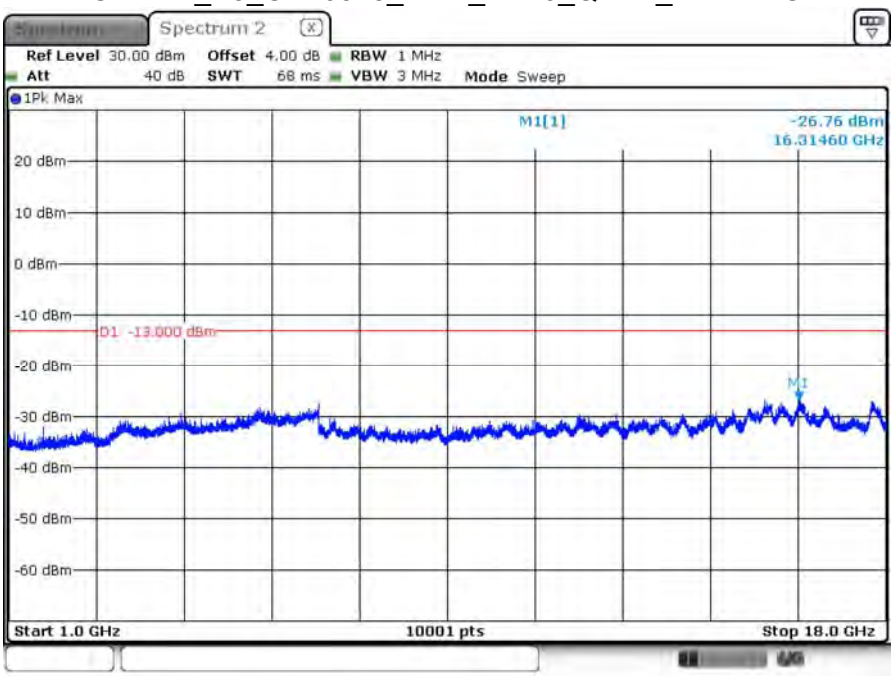

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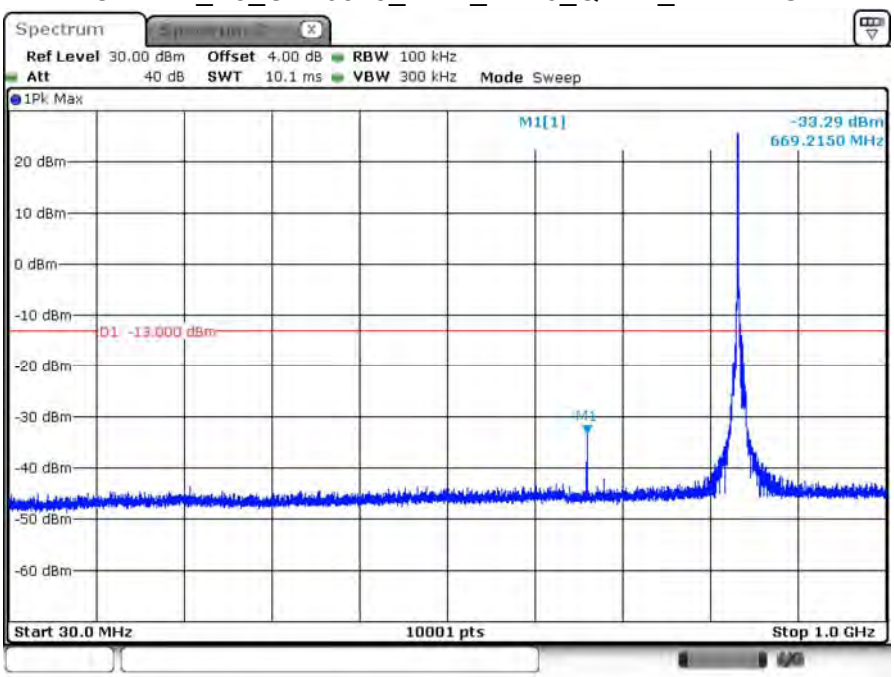

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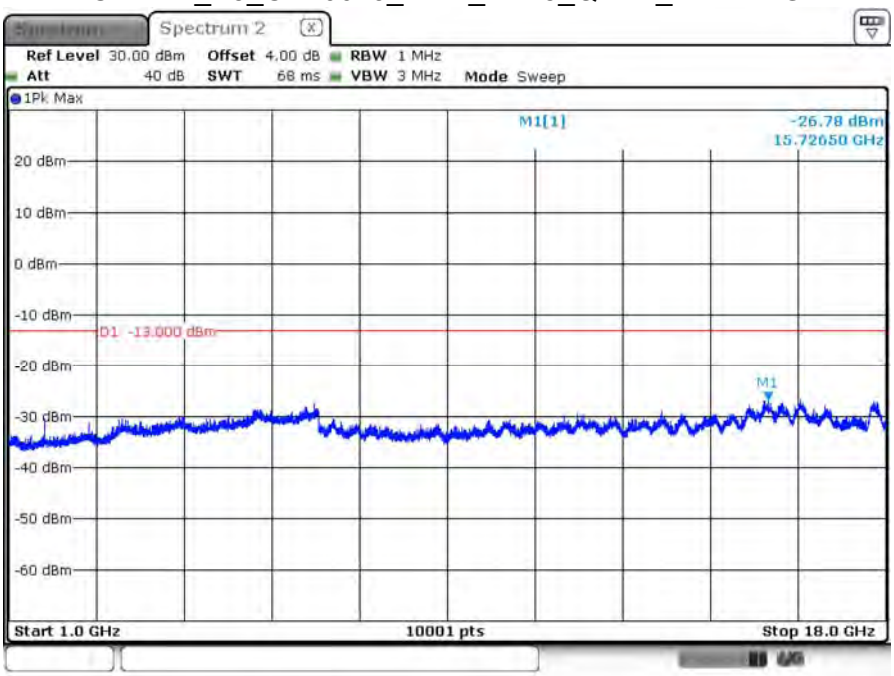

Date: 14.JAN.2021 14:08:29

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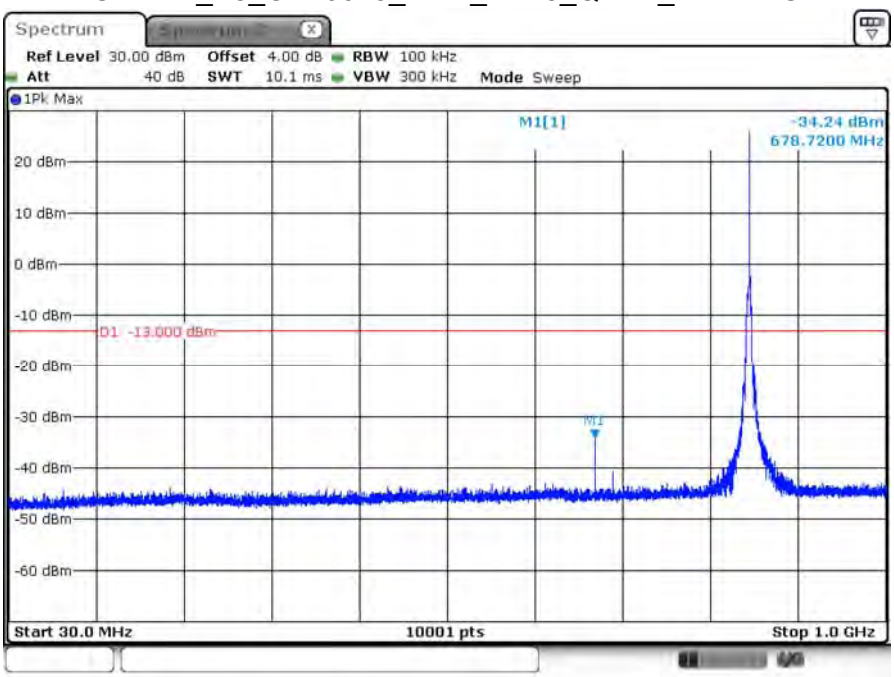

Date: 14.JAN.2021 14:00:25

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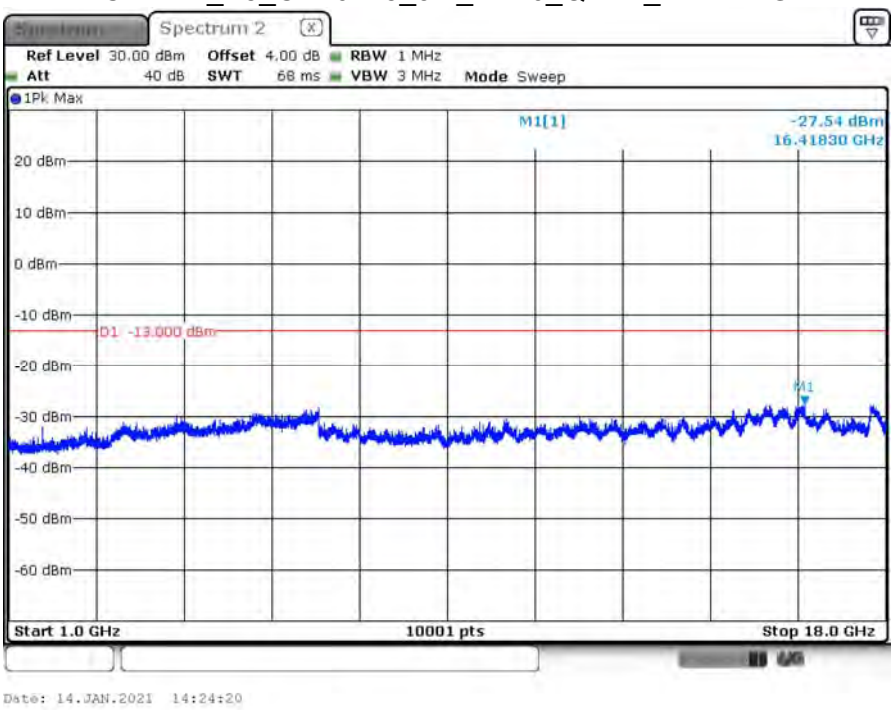

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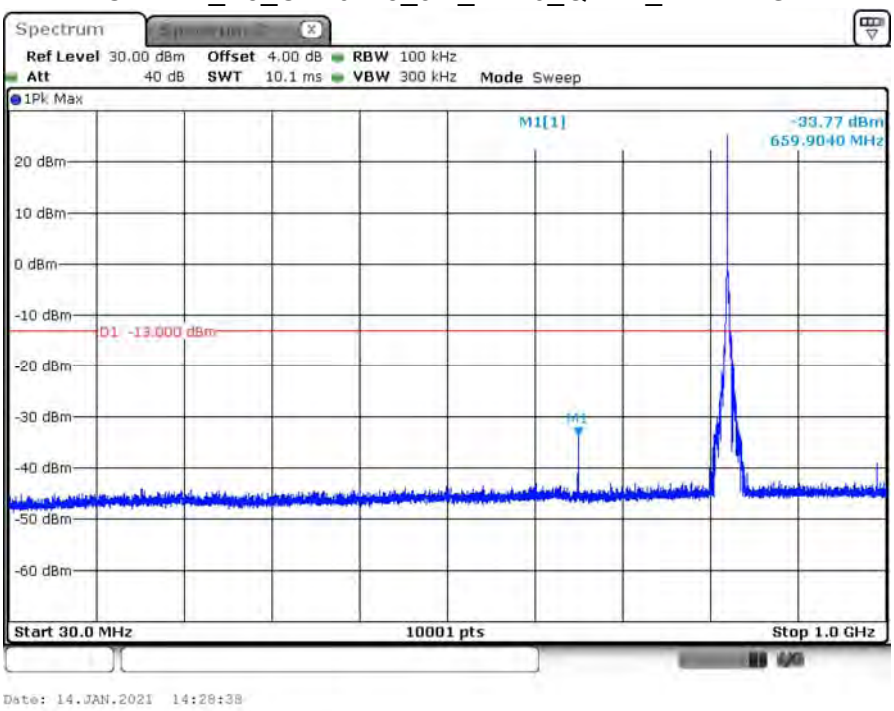

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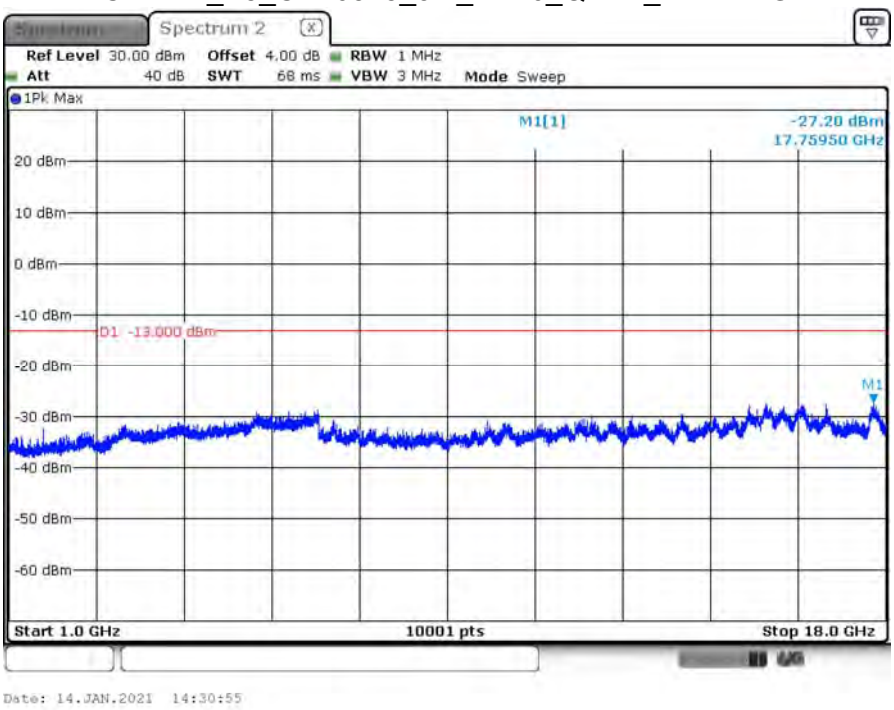

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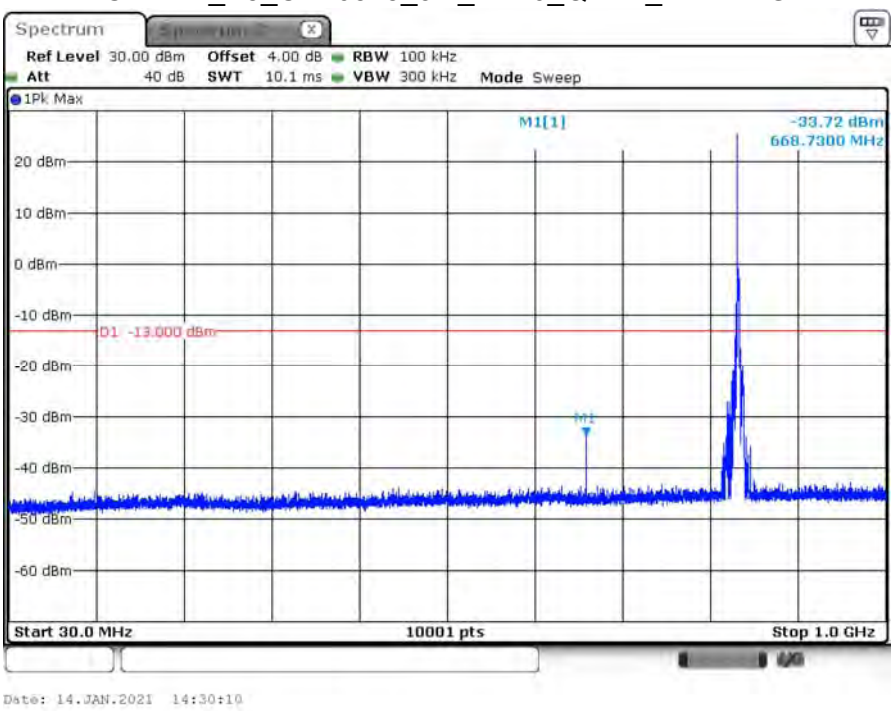

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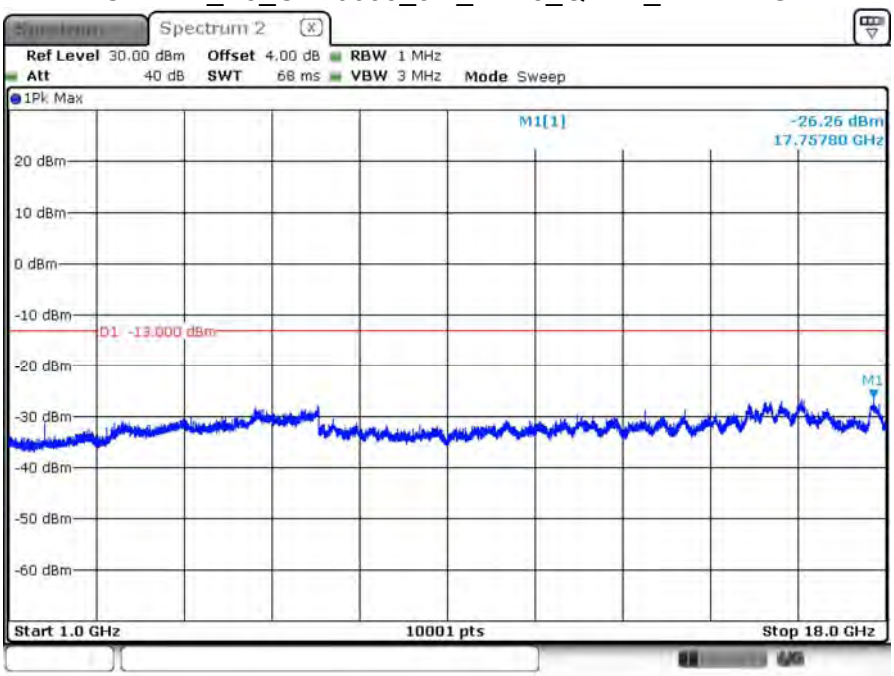

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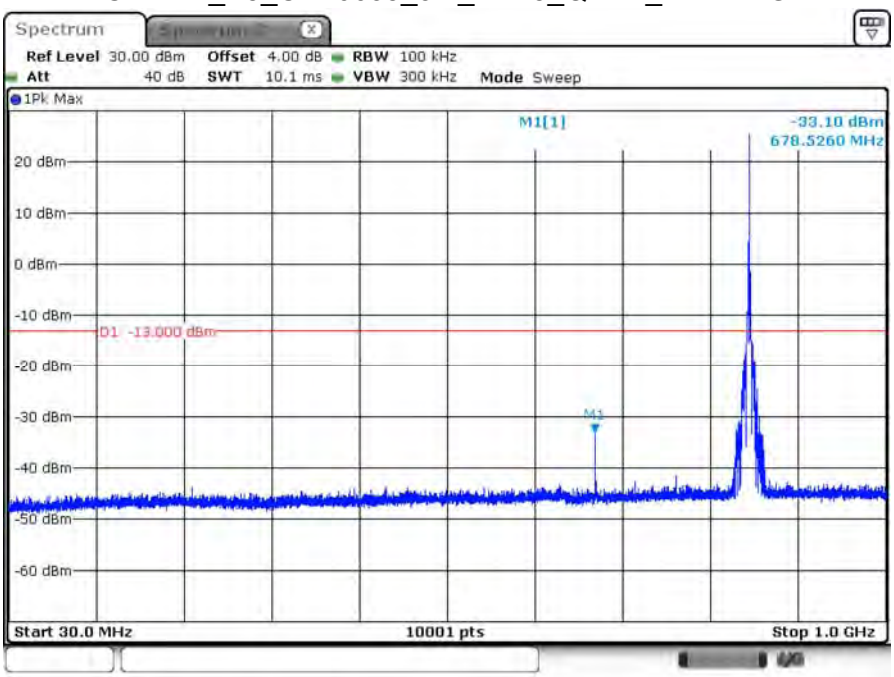

Date: 14.JAN.2021 14:38:46

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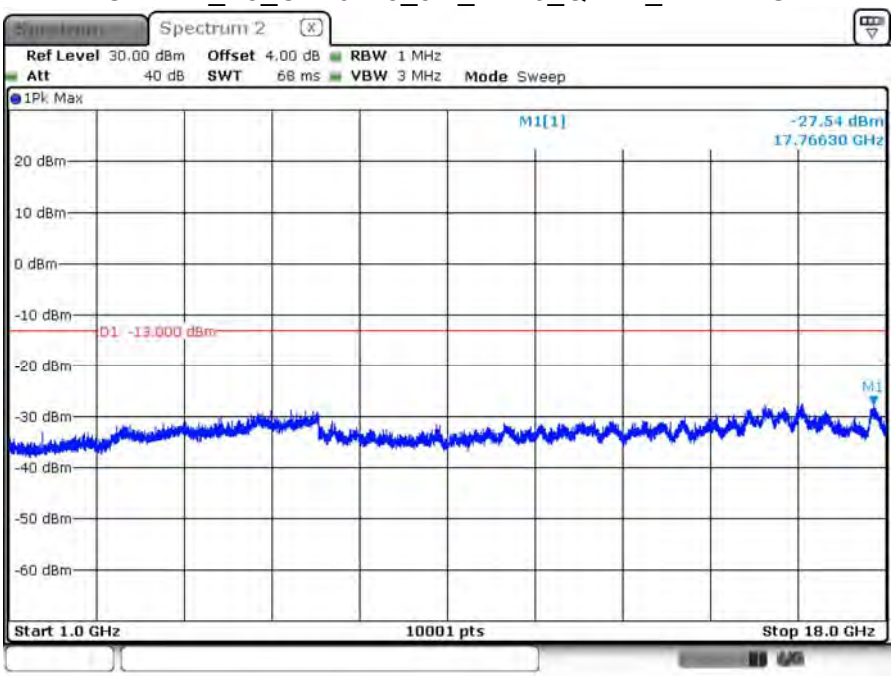

Date: 14.JAN.2021 14:54:57

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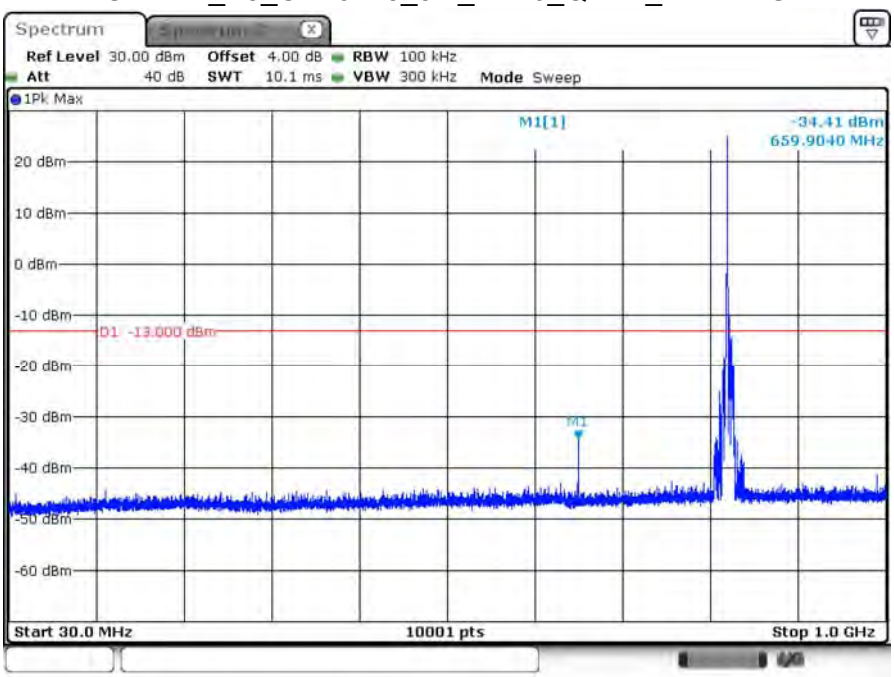

Date: 14.JAN.2021 14:54:07

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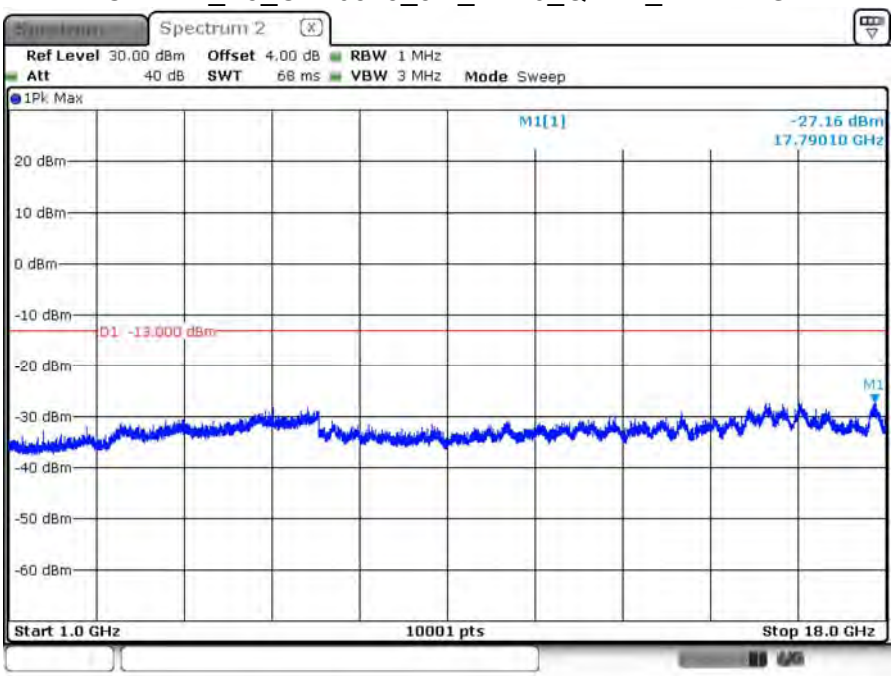

Date: 14.JAN.2021 14:51:48

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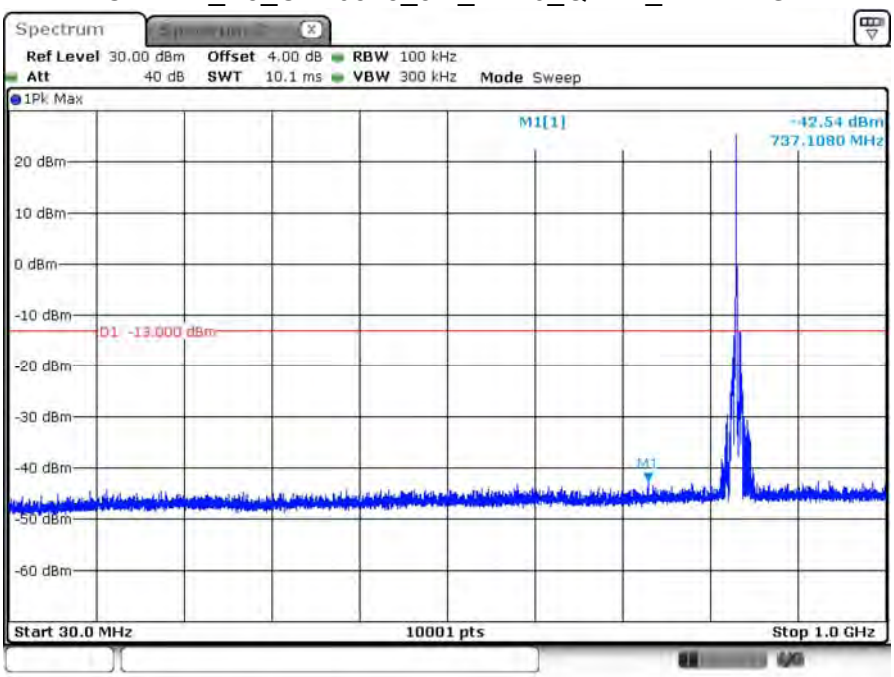

Date: 14.JAN.2021 14:53:02

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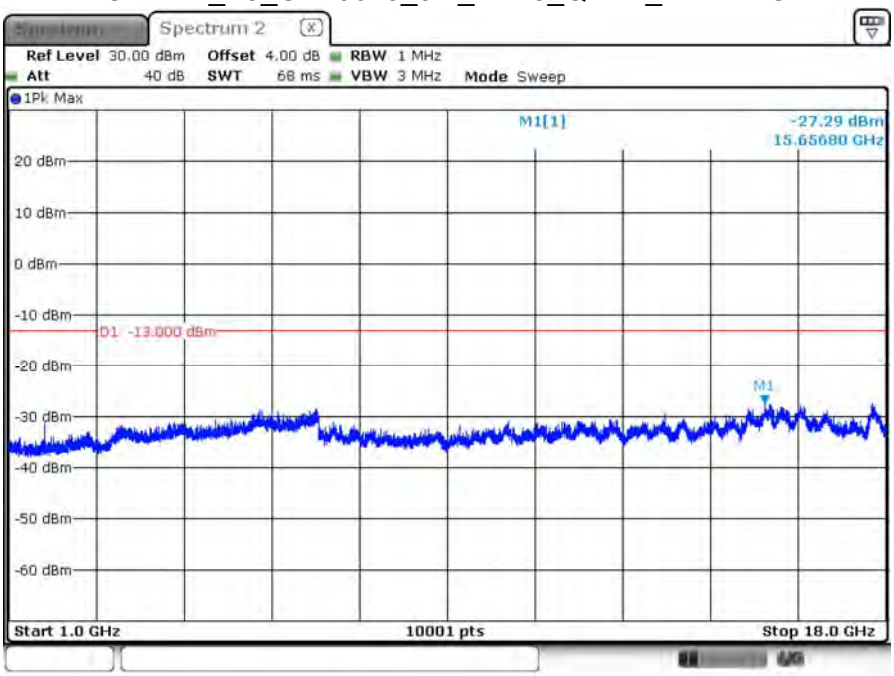

Date: 14.JAN.2021 14:50:11

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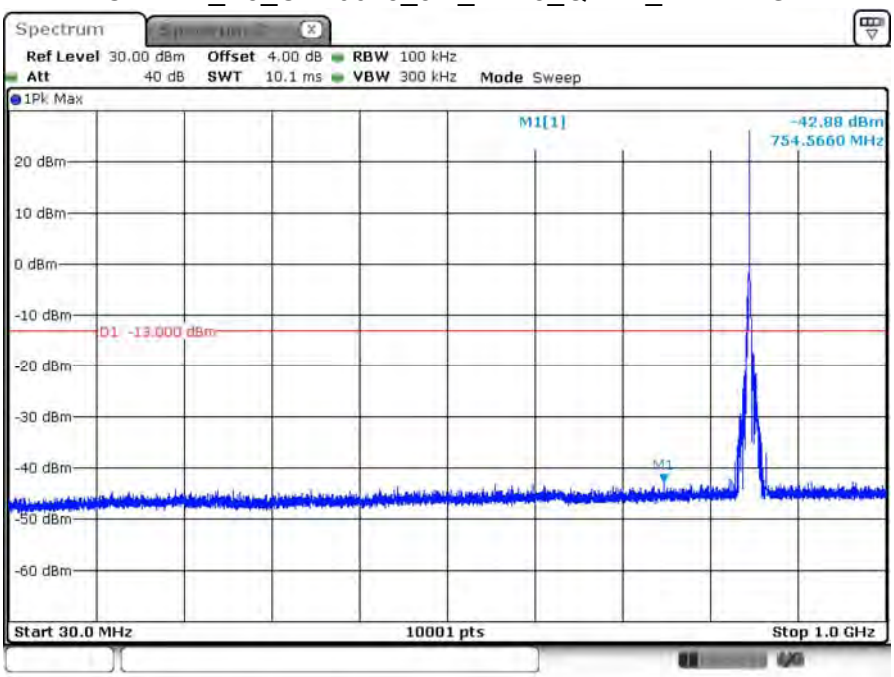
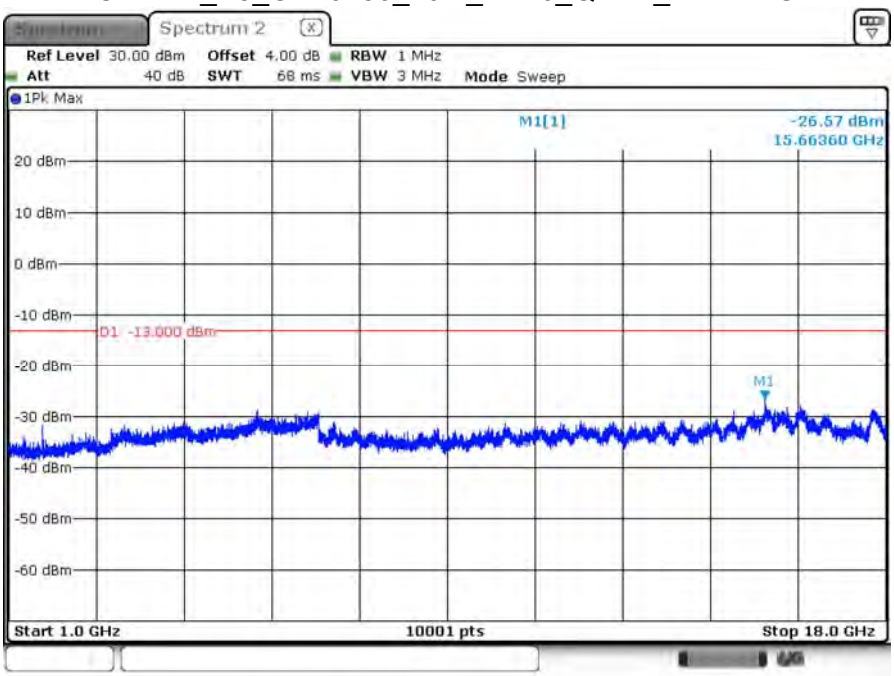


Date: 14.JAN.2021 14:49:18

CAT-M1_B5_CH20450_10M_1RB0_QPSK_above 1G



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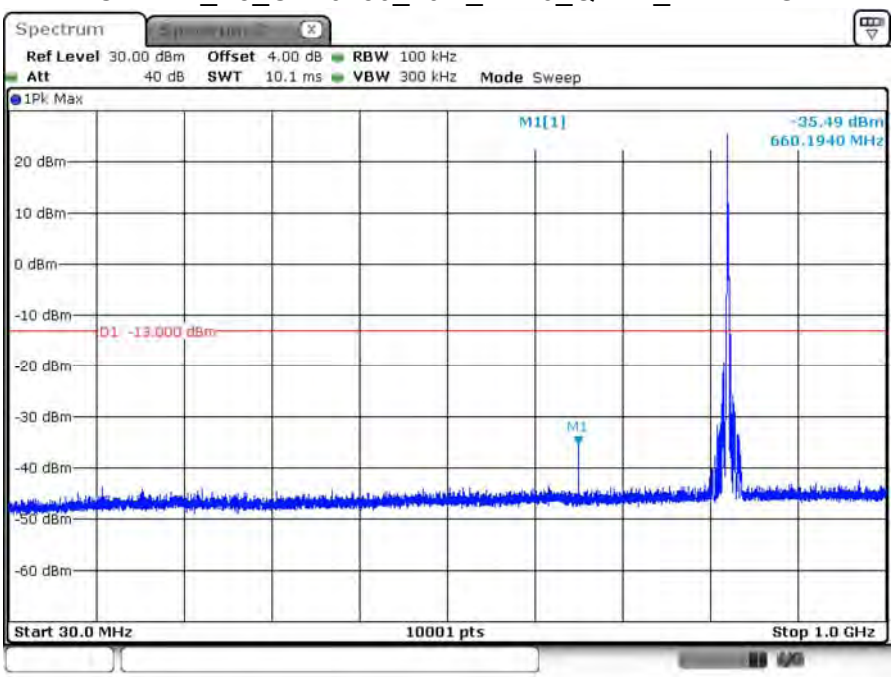

Date: 14.JAN.2021 15:03:31

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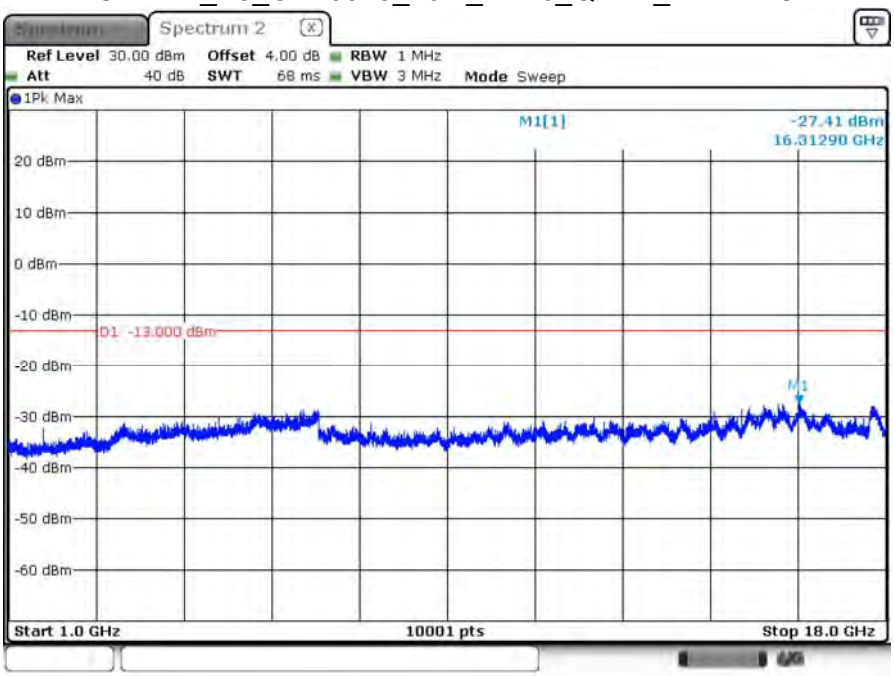

Date: 14.JAN.2021 15:01:41

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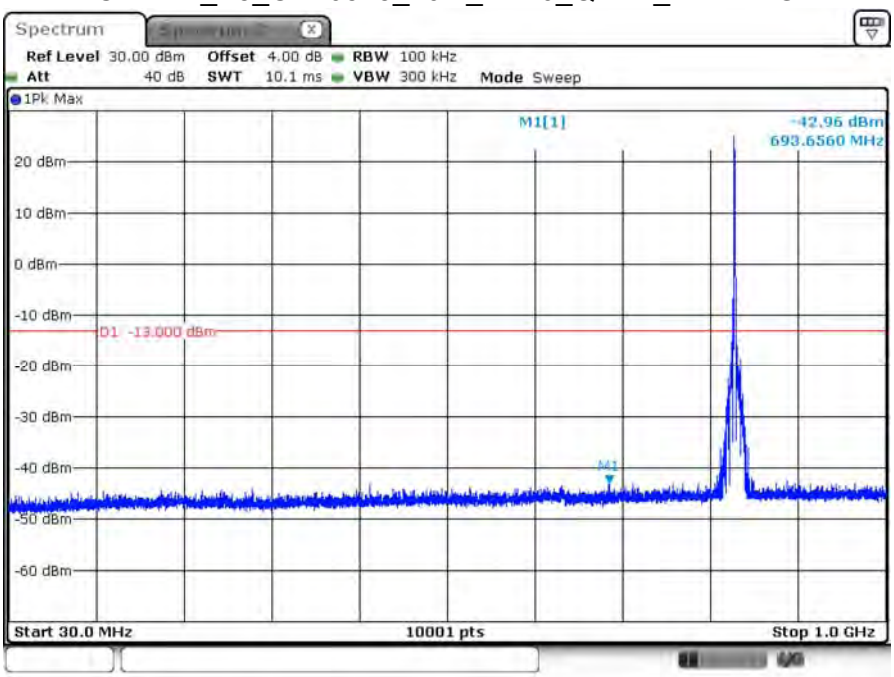

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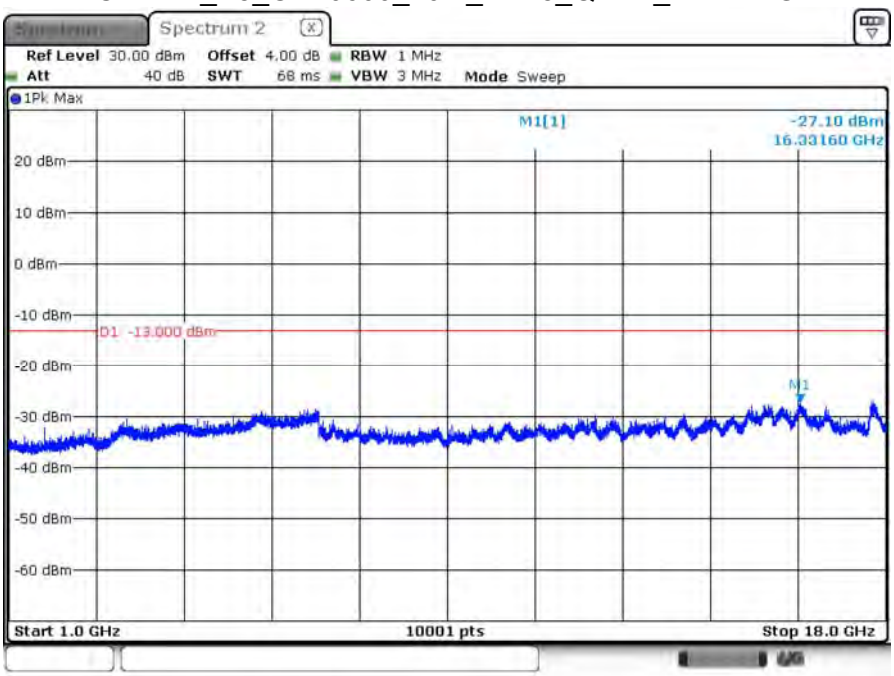

Date: 14.JAN.2021 14:57:07

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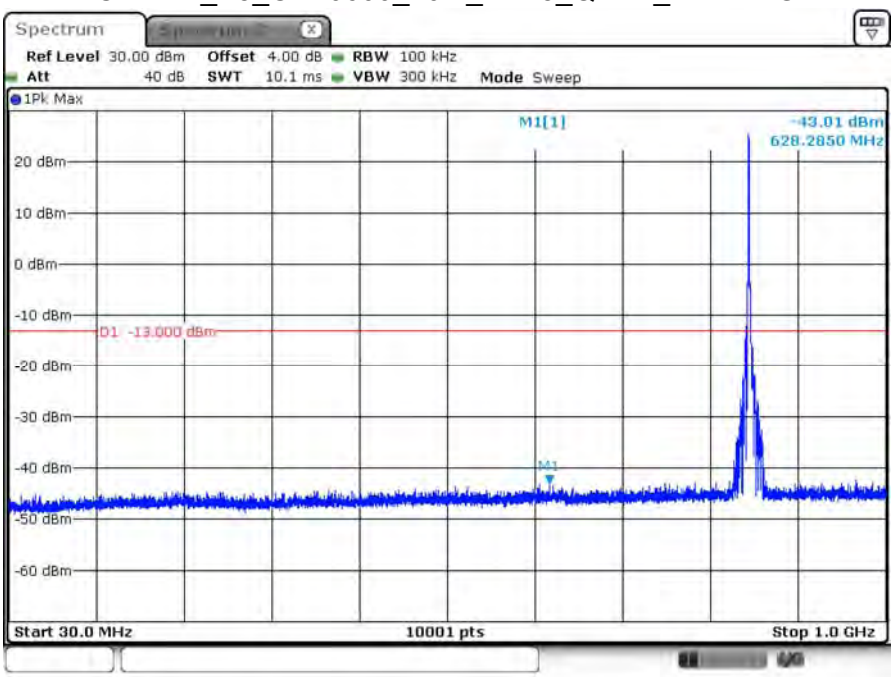
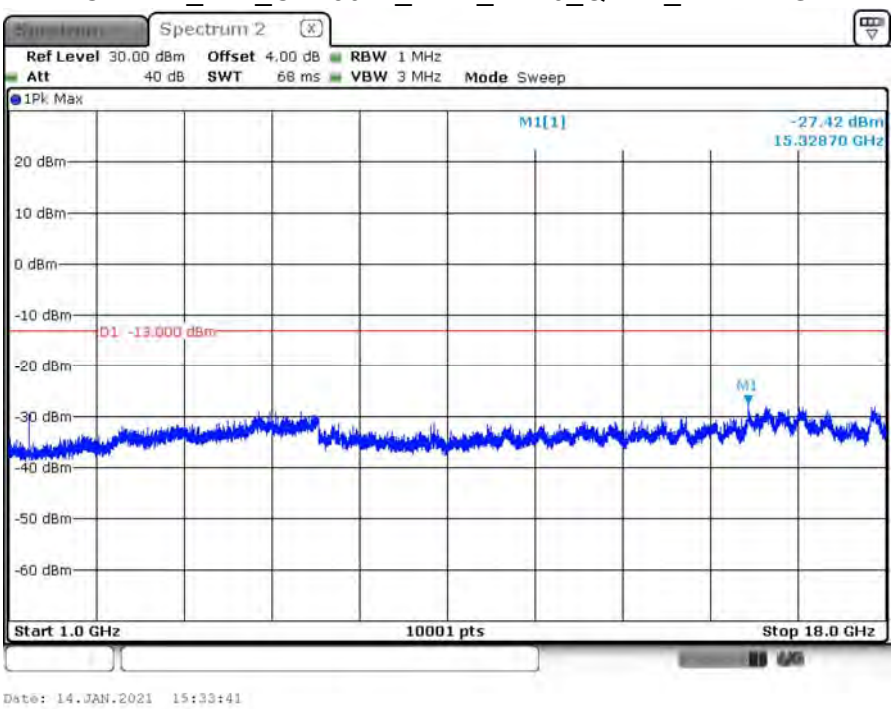


Date: 14.JAN.2021 14:59:01

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 4: Band12 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

CAT-M1_B12_CH23017_1.4M_1RB0_QPSK_Above 1G



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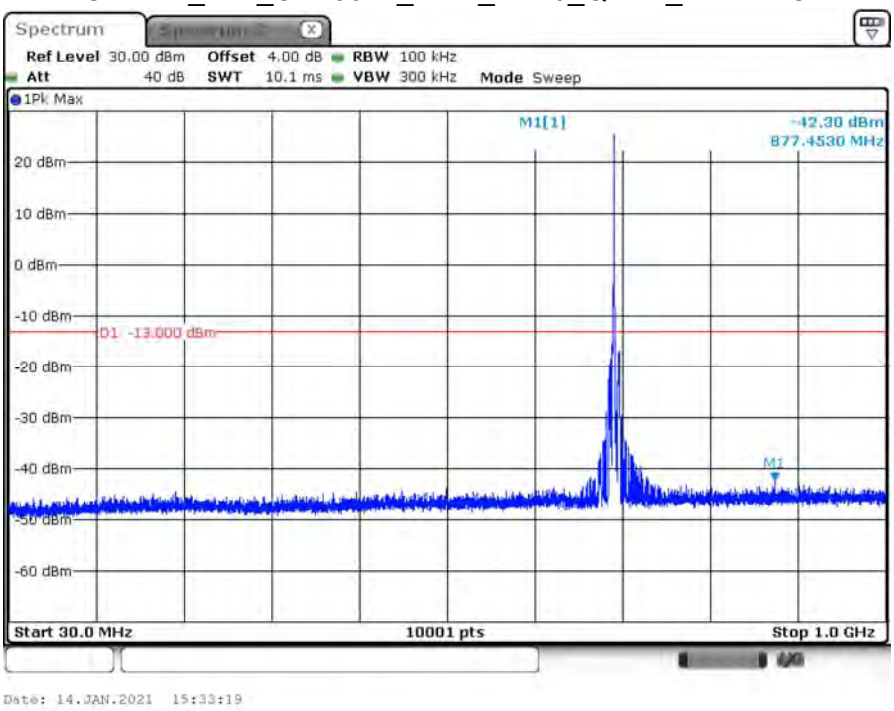
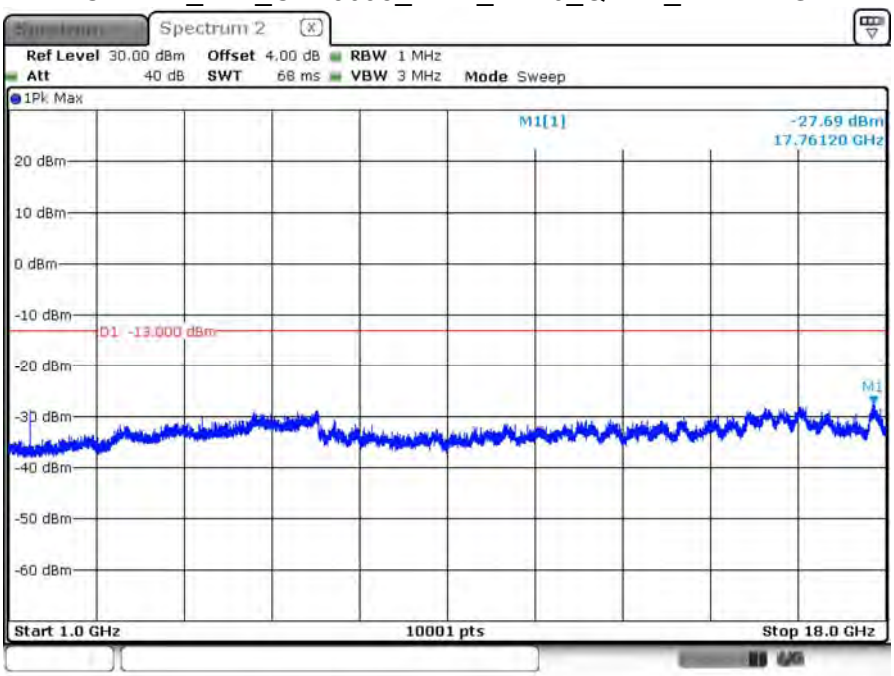


CAT-M1_B12_CH23095_1.4M_1RB0_QPSK_Above 1G



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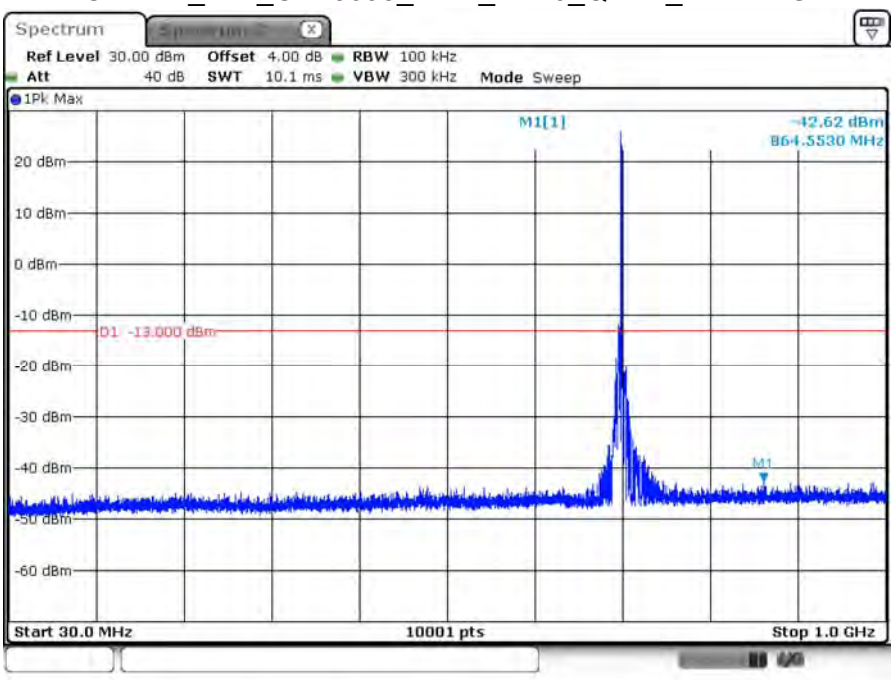
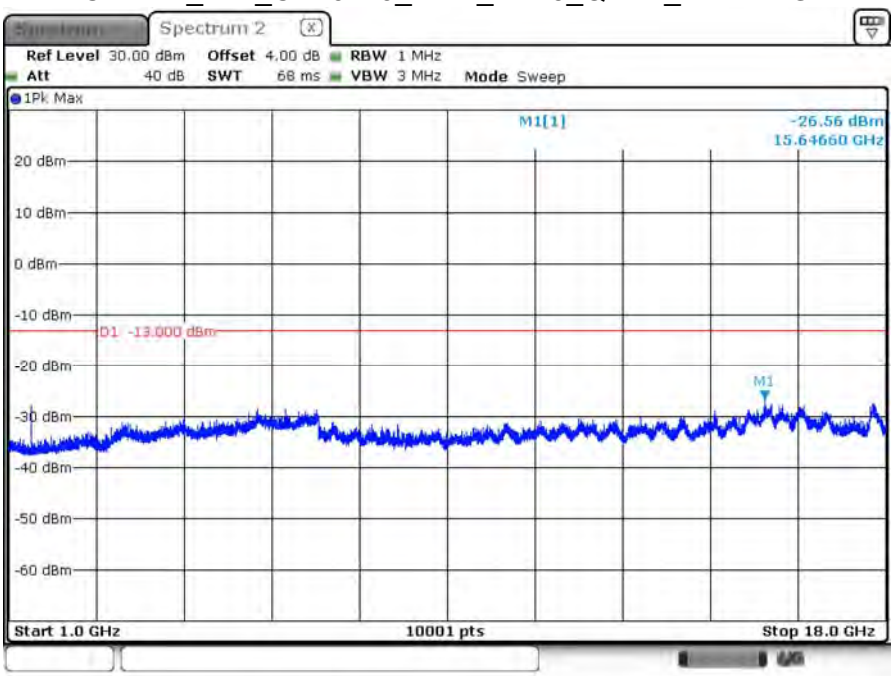
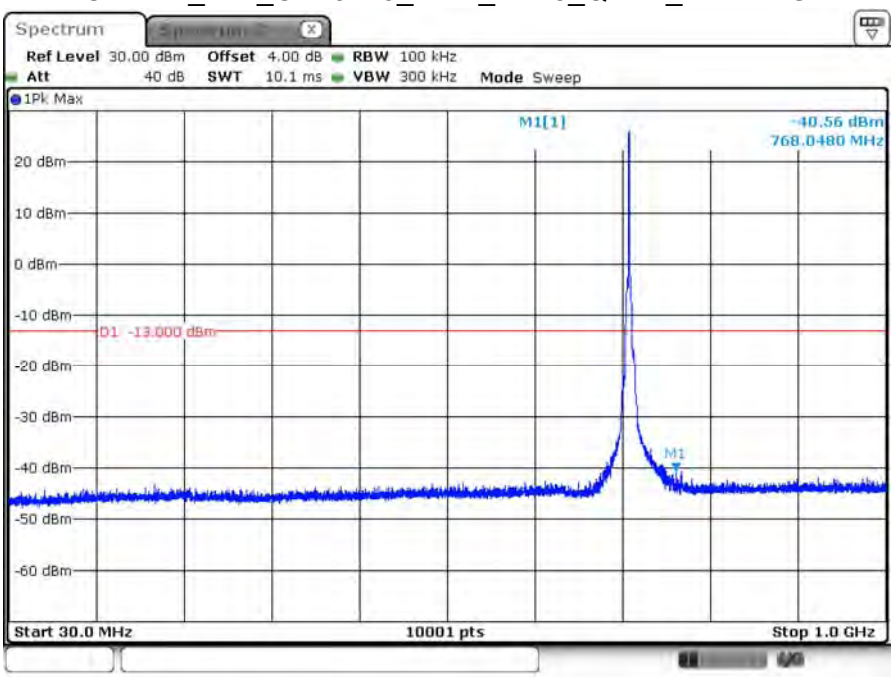


CAT-M1_B12_CH23173_1.4M_1RB5_QPSK_Above 1G



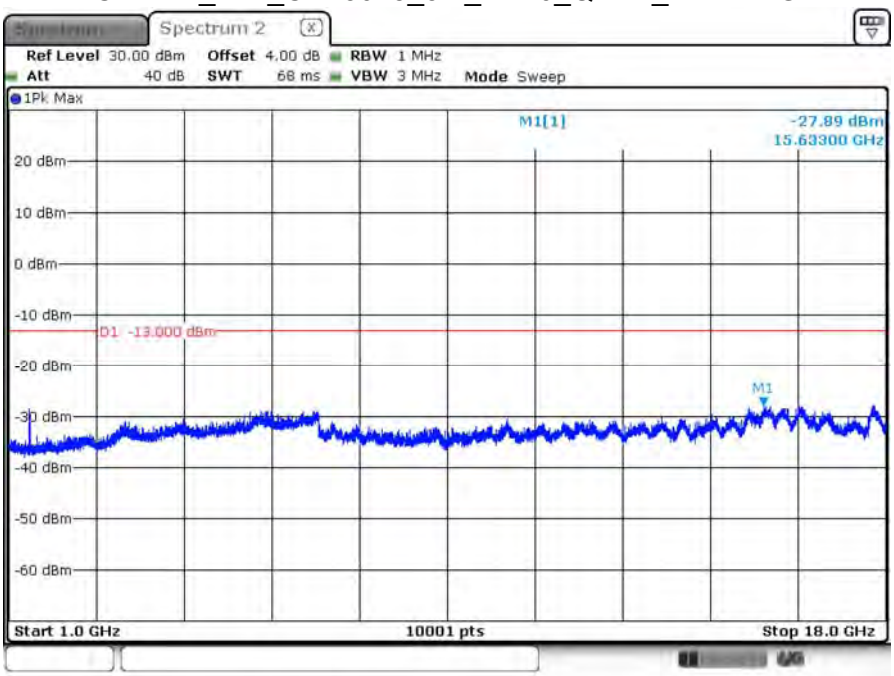
Date: 14.JAN.2021 15:30:57

CAT-M1_B12_CH23173_1.4M_1RB5_QPSK_Below 1G



Date: 14.JAN.2021 15:29:49

CAT-M1_B12_CH23025_3M_1RB0_QPSK_Above 1G



Date: 14.JAN.2021 15:35:12

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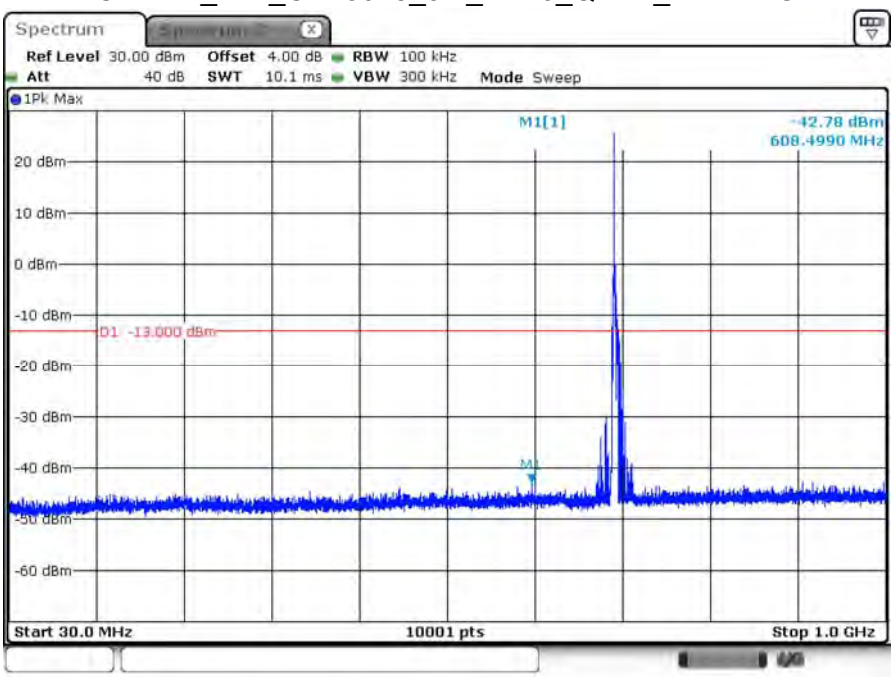
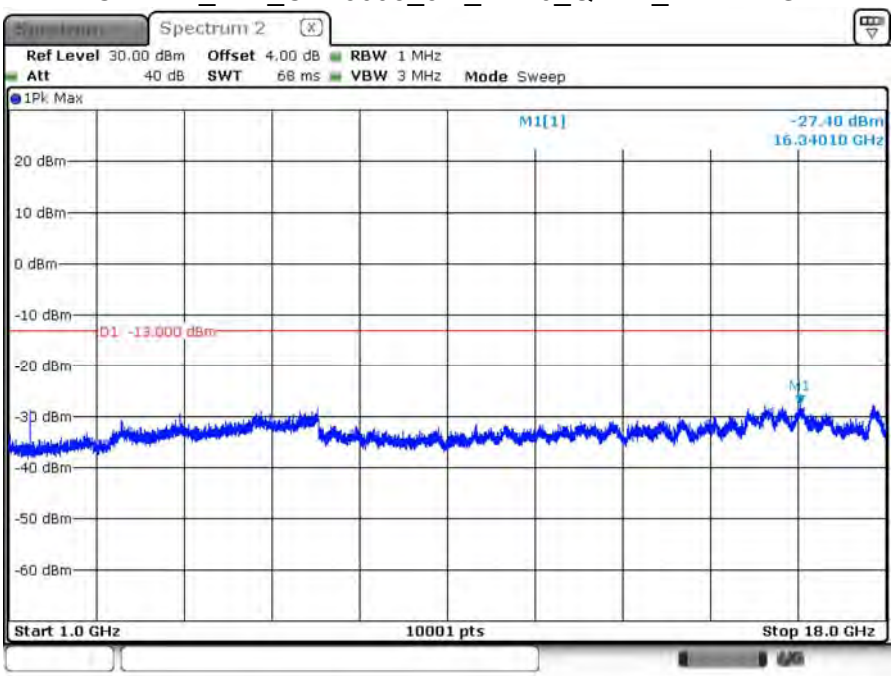


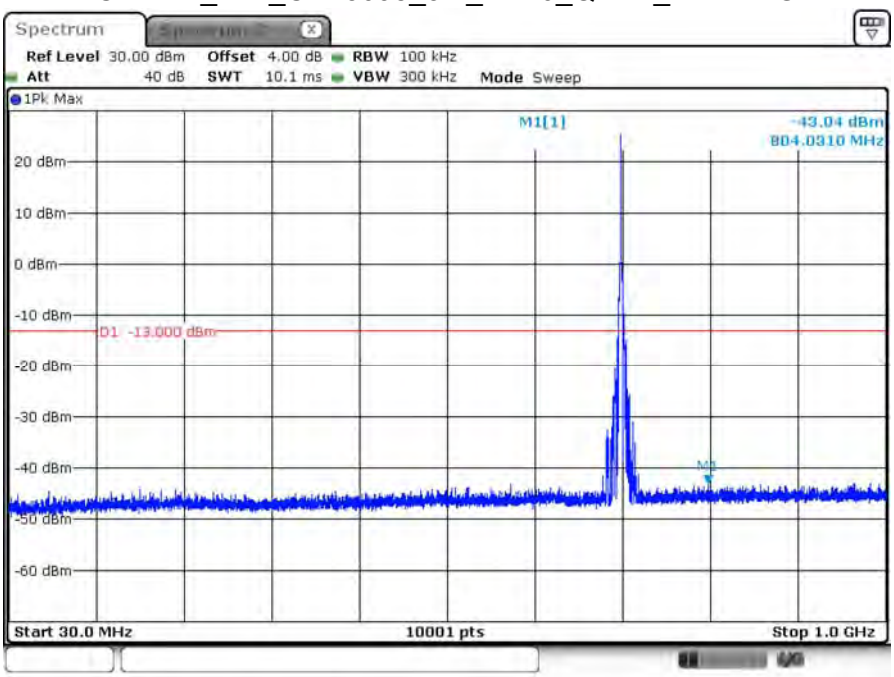
Date: 14.JAN.2021 15:36:05

CAT-M1_B12_CH23095_3M_1RB0_QPSK_Above 1G



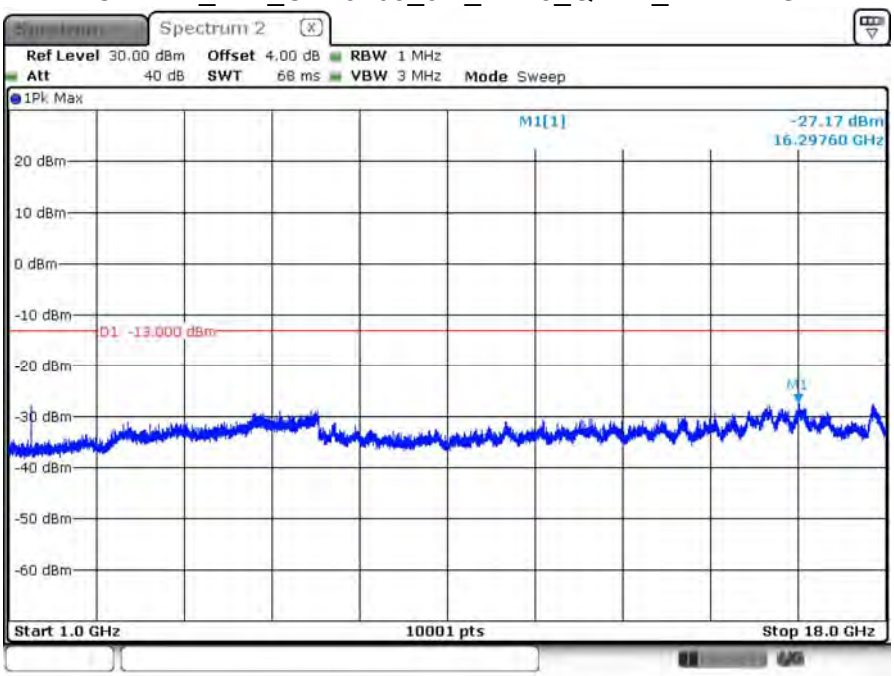
Date: 14.JAN.2021 15:37:59

CAT-M1_B12_CH23095_3M_1RB0_QPSK_Below 1G



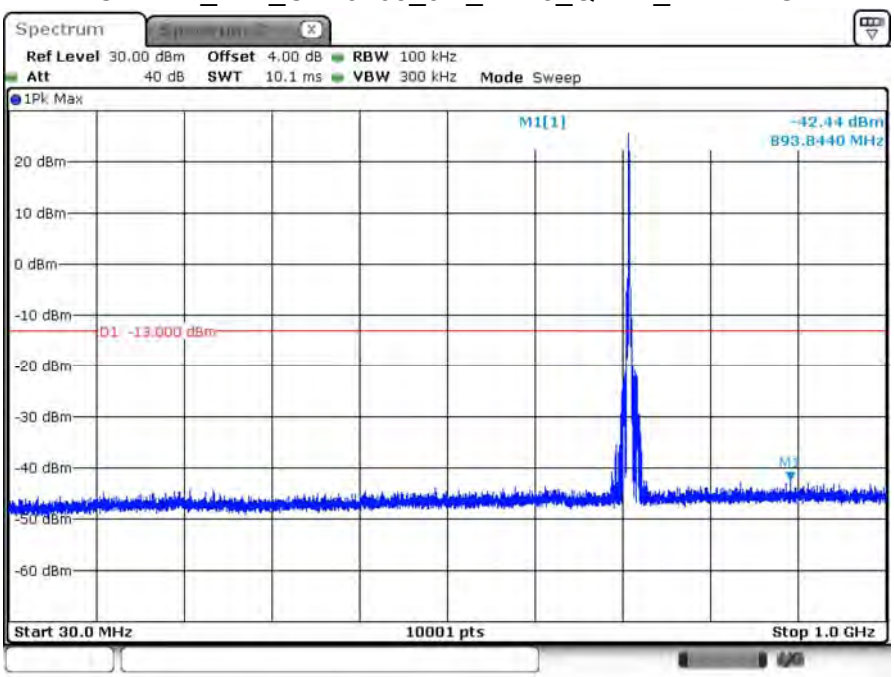
Date: 14.JAN.2021 15:37:18

CAT-M1_B12_CH23165_3M_1RB5_QPSK_Above 1G



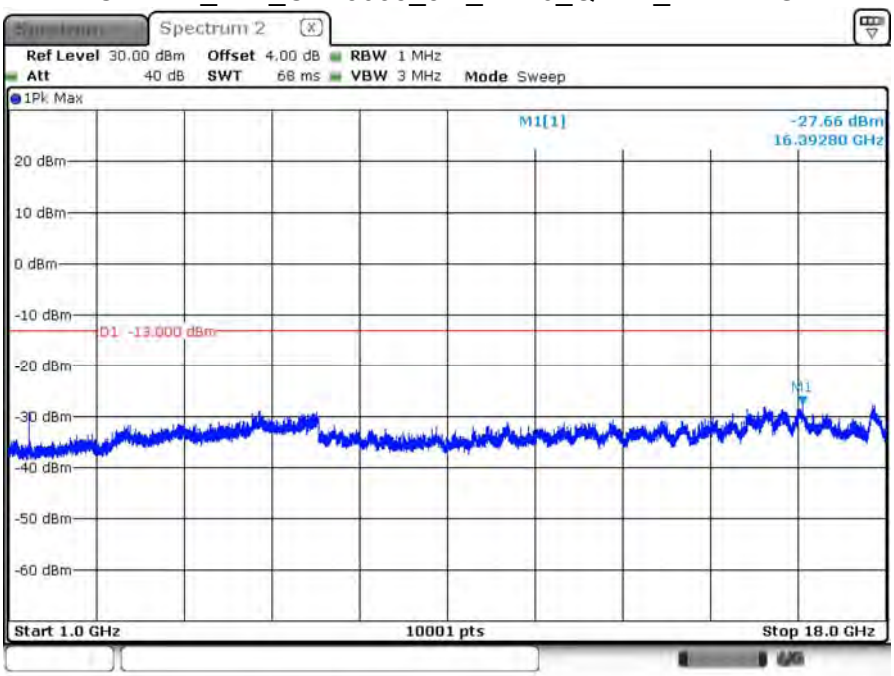
Date: 14.JAN.2021 15:38:58

CAT-M1_B12_CH23165_3M_1RB5_QPSK_Below 1G



Date: 14.JAN.2021 15:39:52

CAT-M1_B12_CH23035_5M_1RB0_QPSK_above 1G



Date: 14.JAN.2021 15:41:32

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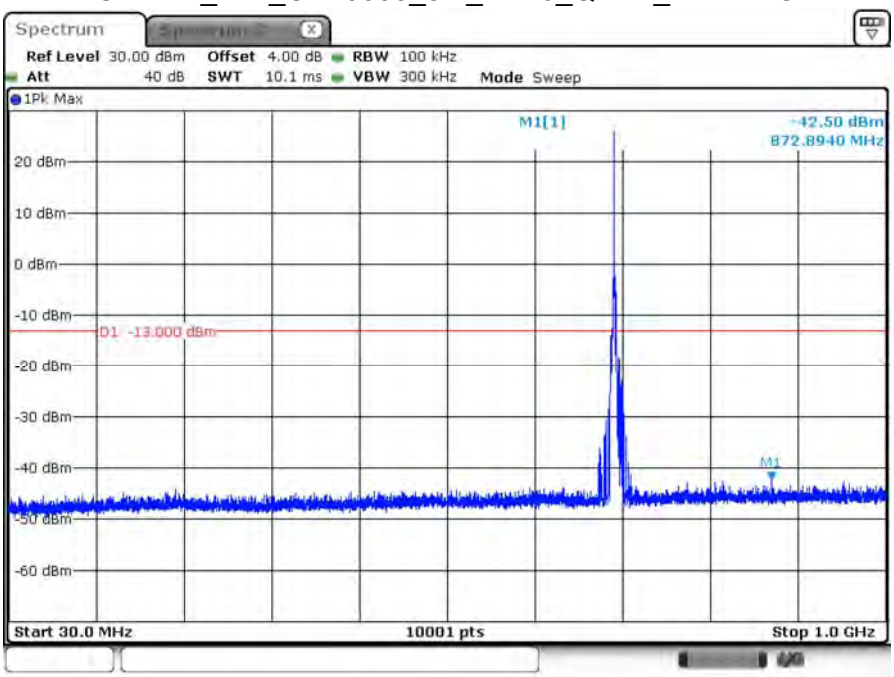
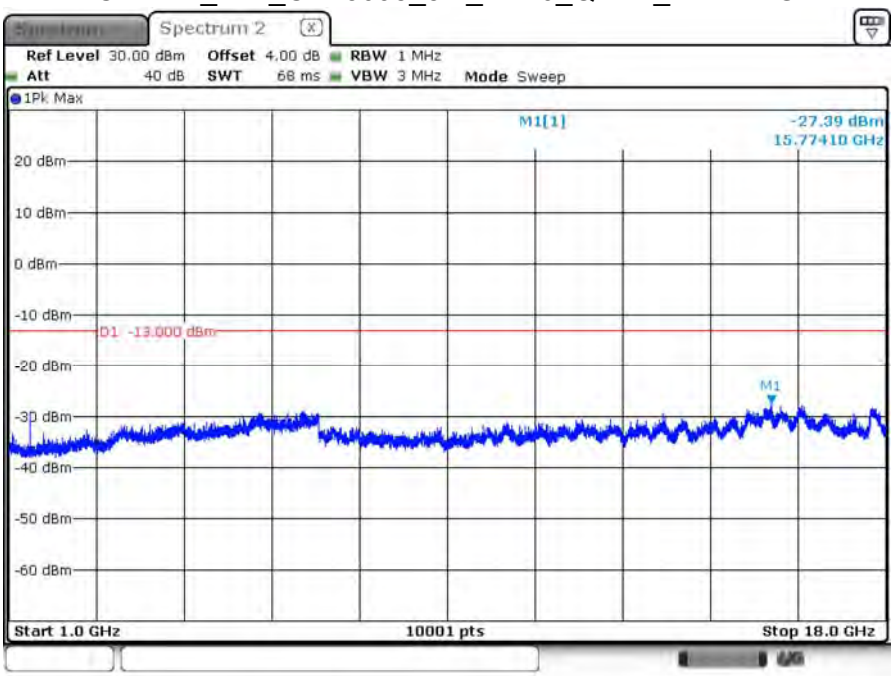


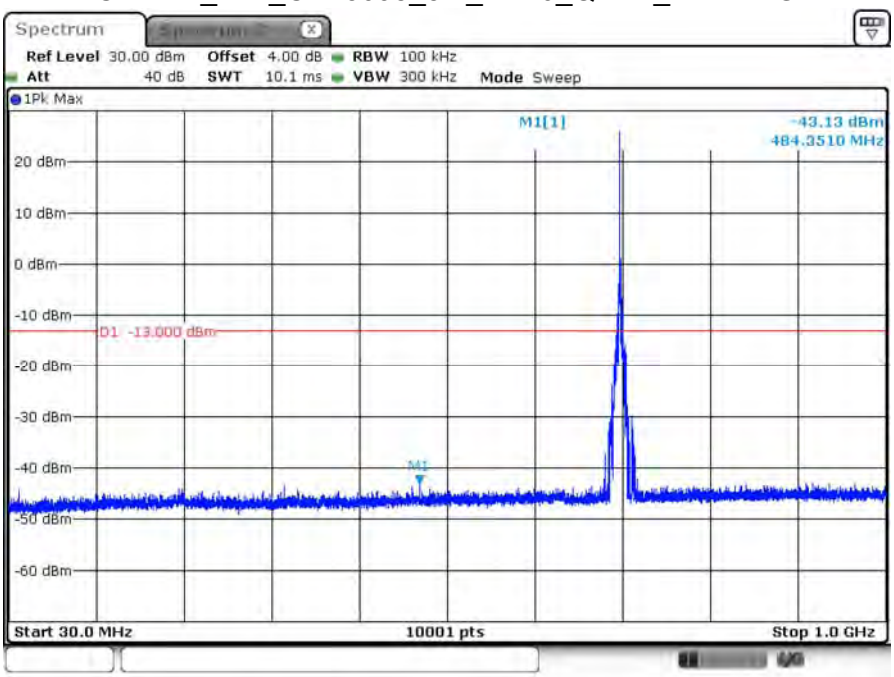
Date: 14.JAN.2021 15:41:04

CAT-M1_B12_CH23095_5M_1RB0_QPSK_above 1G



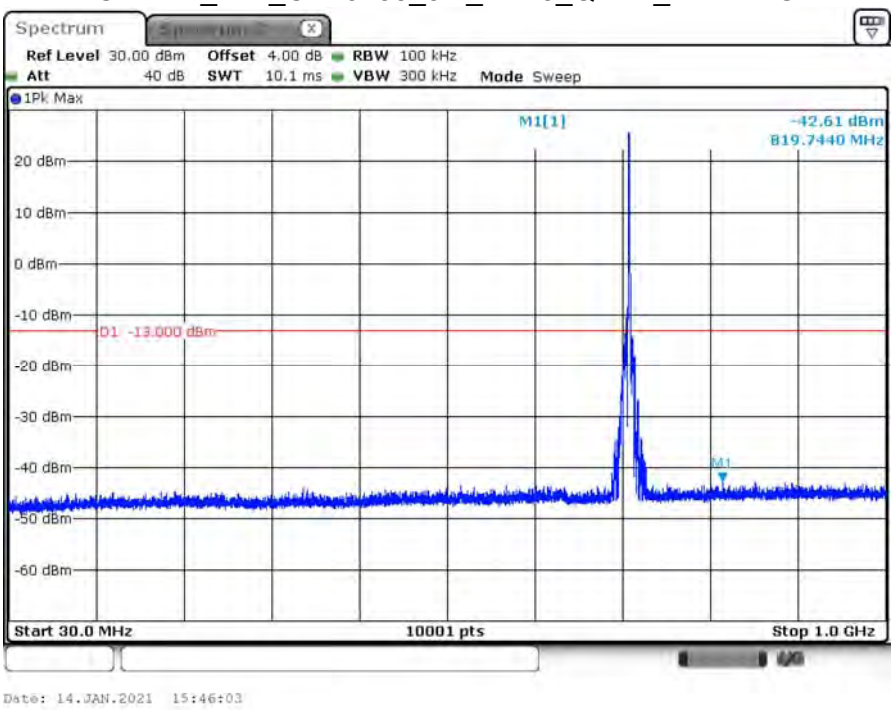
Date: 14.JAN.2021 15:42:35

CAT-M1_B12_CH23095_5M_1RB0_QPSK_Below 1G



Date: 14.JAN.2021 15:44:07

CAT-M1_B12_CH23155_5M_1RB5_QPSK_above 1G



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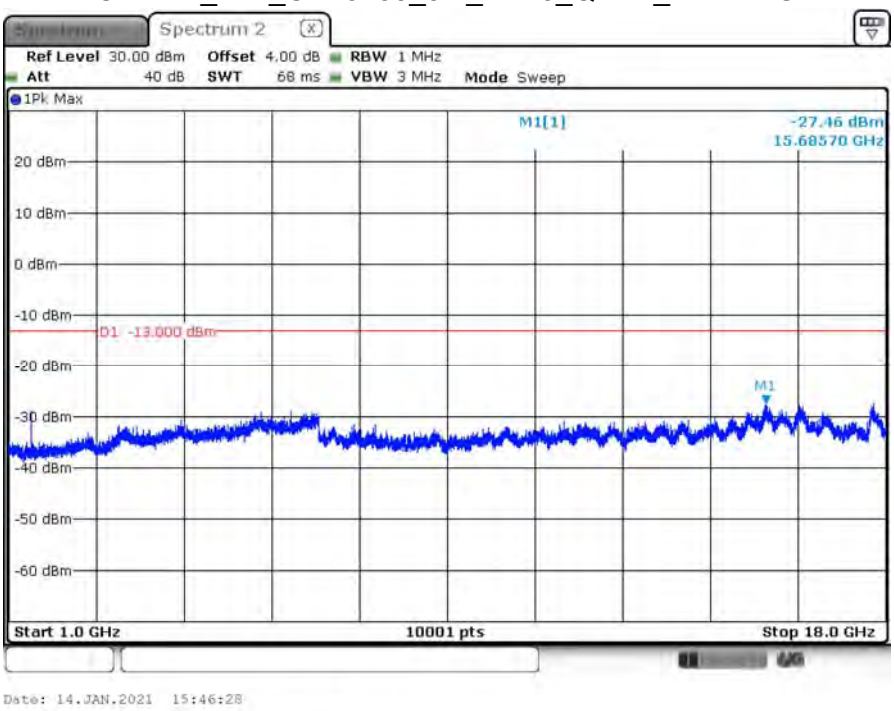

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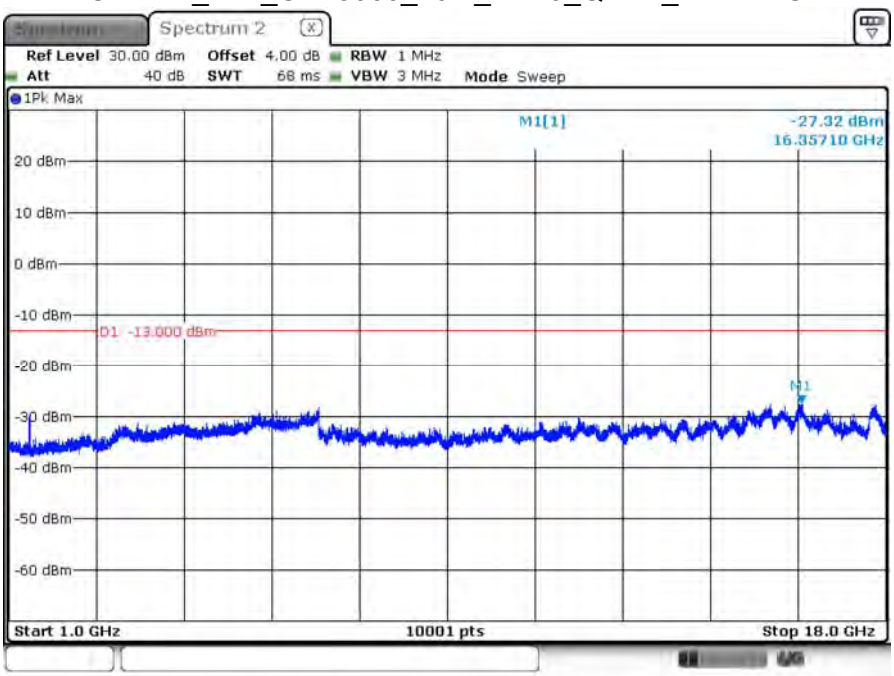

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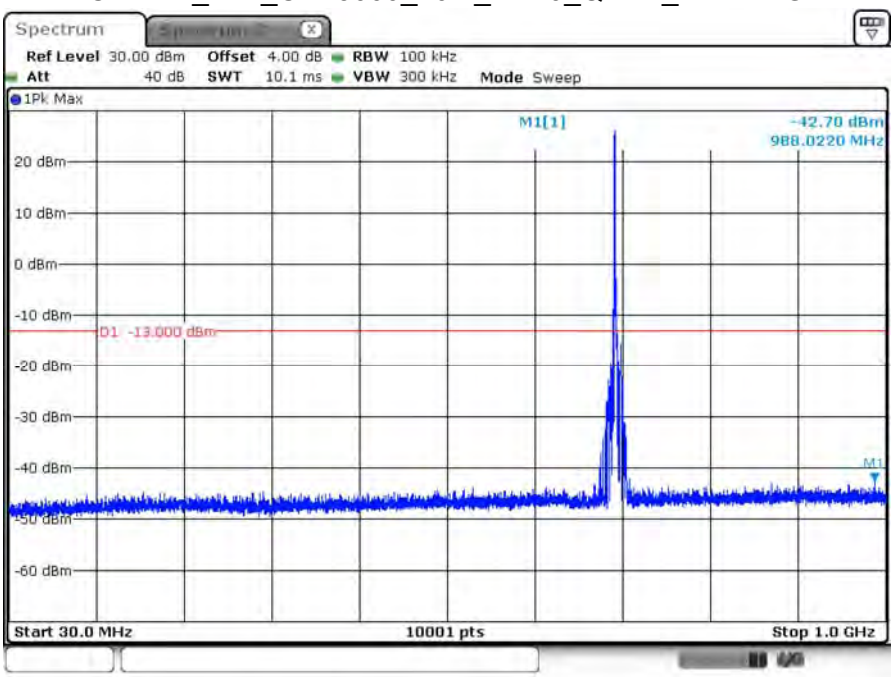
CAT-M1_B12_CH23060_10M_1RB0_QPSK_Below 1G



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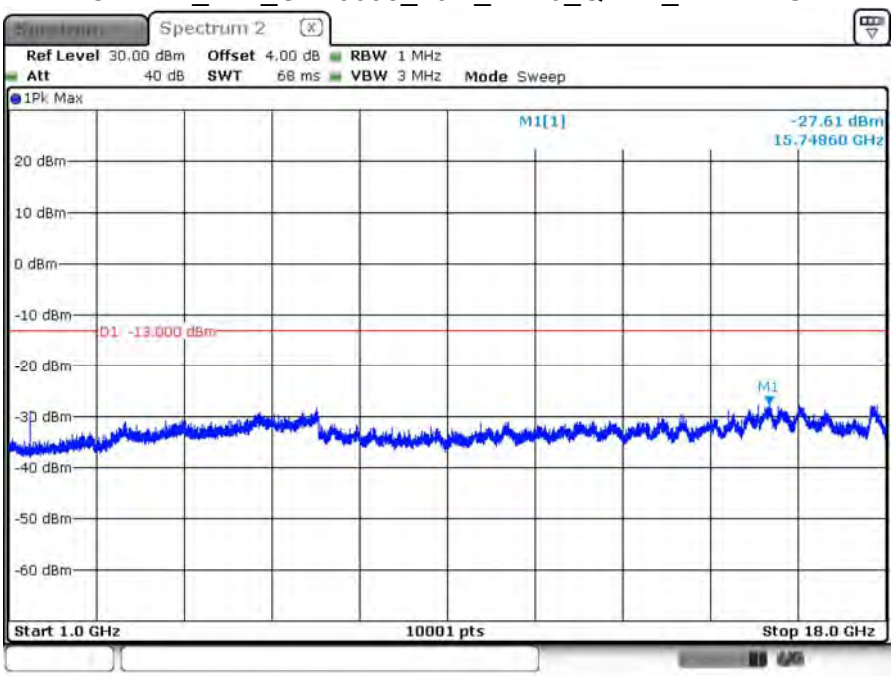
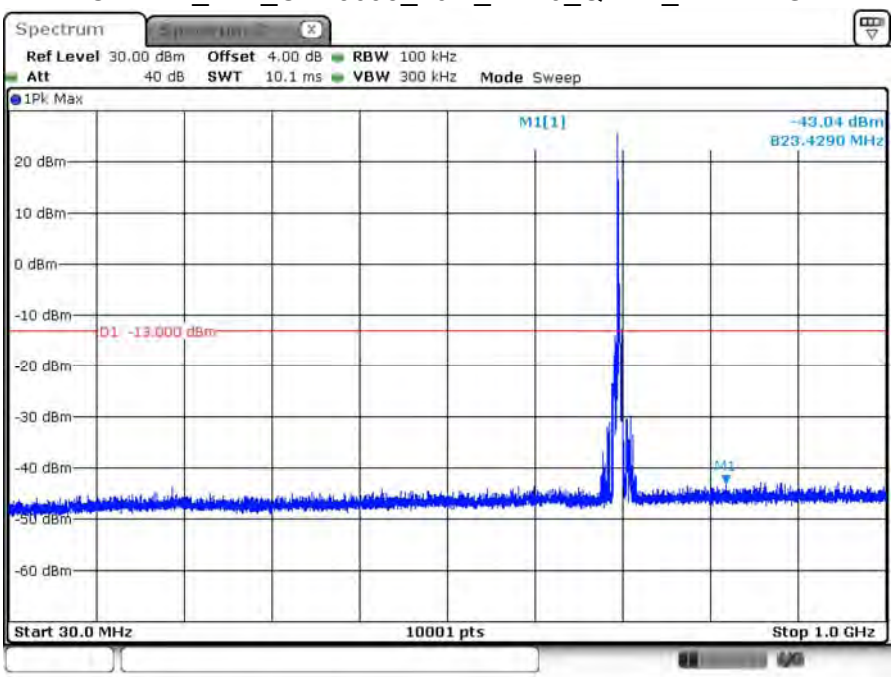


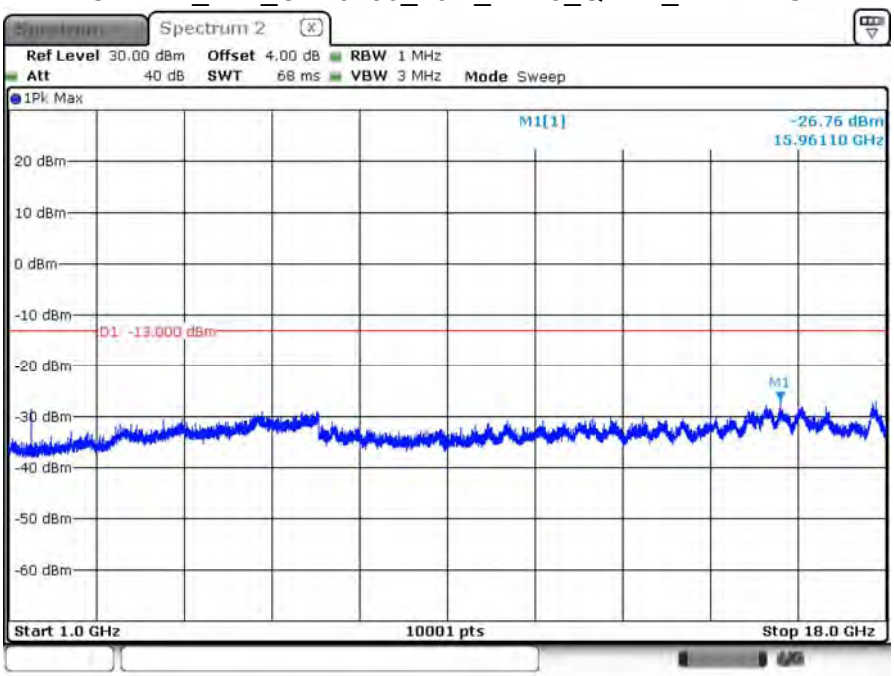
Date: 14.JAN.2021 15:50:39

CAT-M1_B12_CH23095_10M_1RB0_QPSK_Below 1G



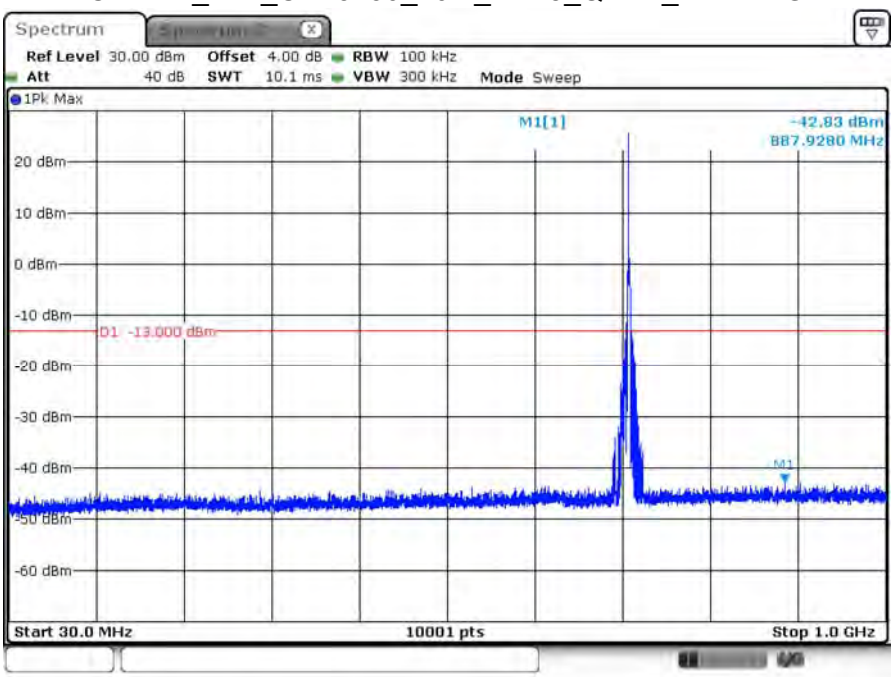
Date: 14.JAN.2021 15:49:44

CAT-M1_B12_CH23130_10M_1RB5_QPSK_above 1G



Date: 14.JAN.2021 15:51:39

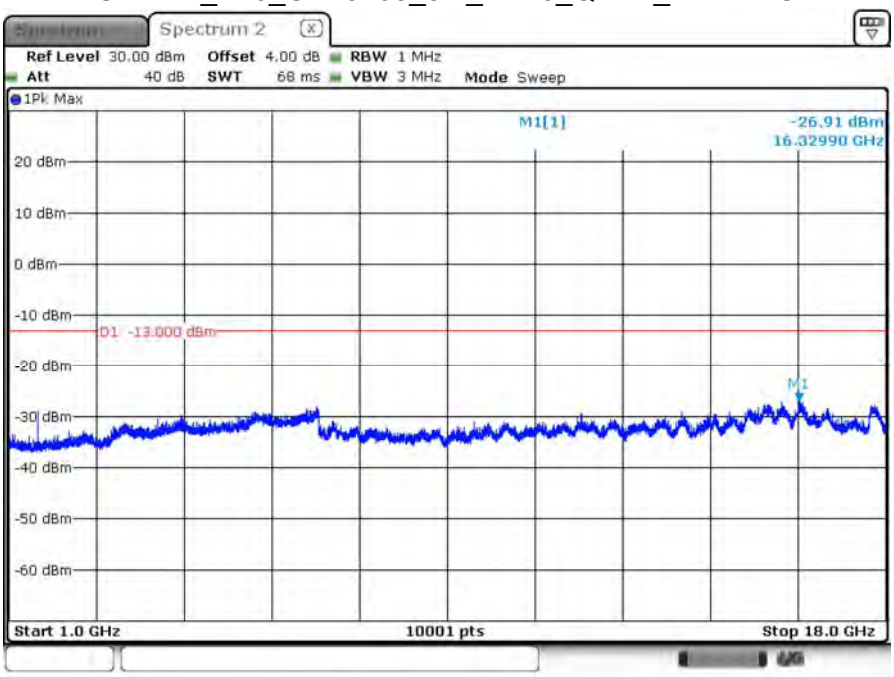
CAT-M1_B12_CH23130_10M_1RB5_QPSK_Below 1G



Date: 14.JAN.2021 15:52:37

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 5: Band13 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

CAT-M1_B13_CH23205_5M_1RB0_QPSK_above 1G



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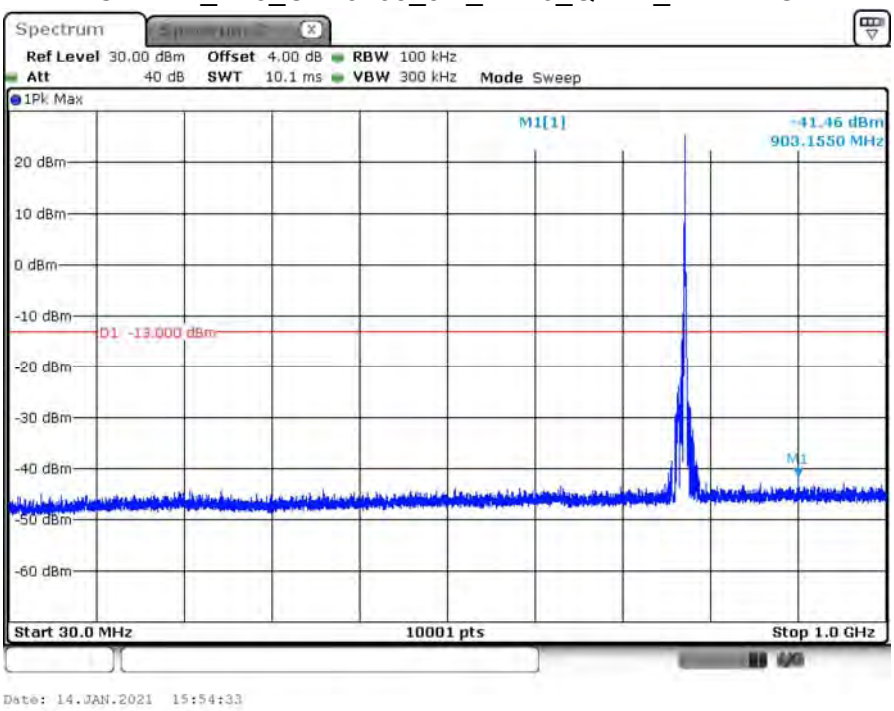

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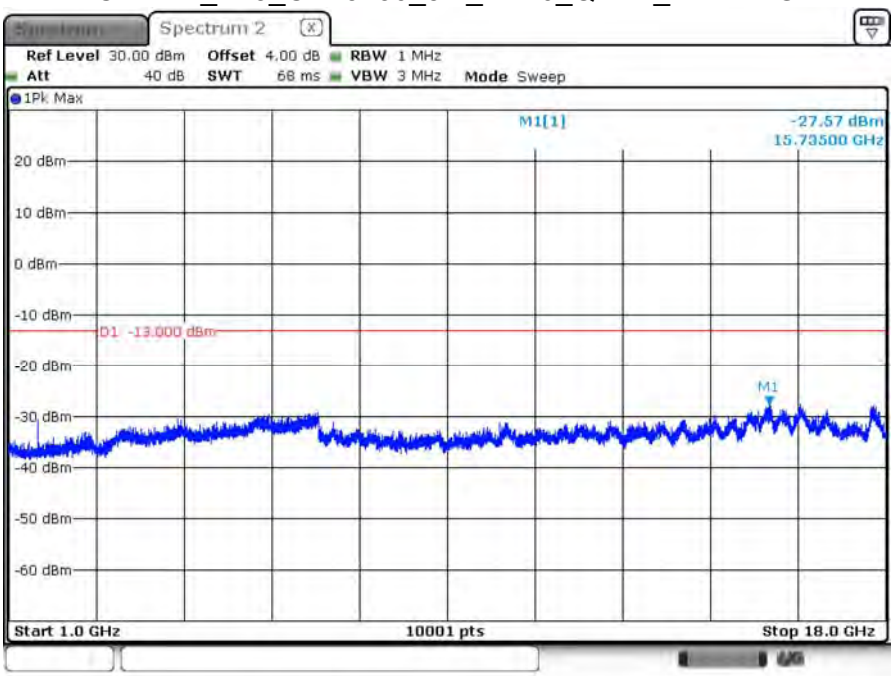

Date: 14.JAN.2021 15:58:16

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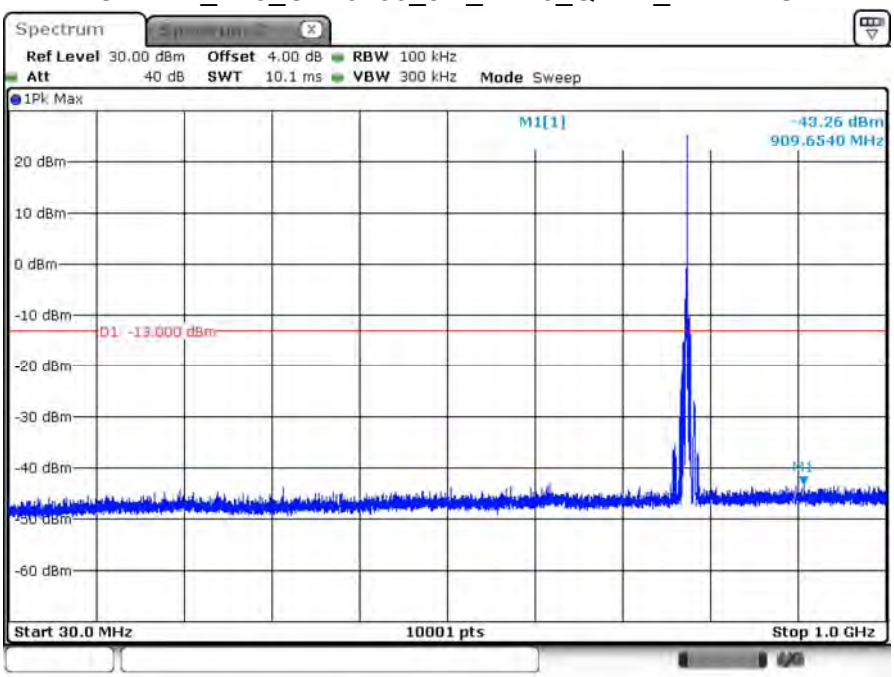
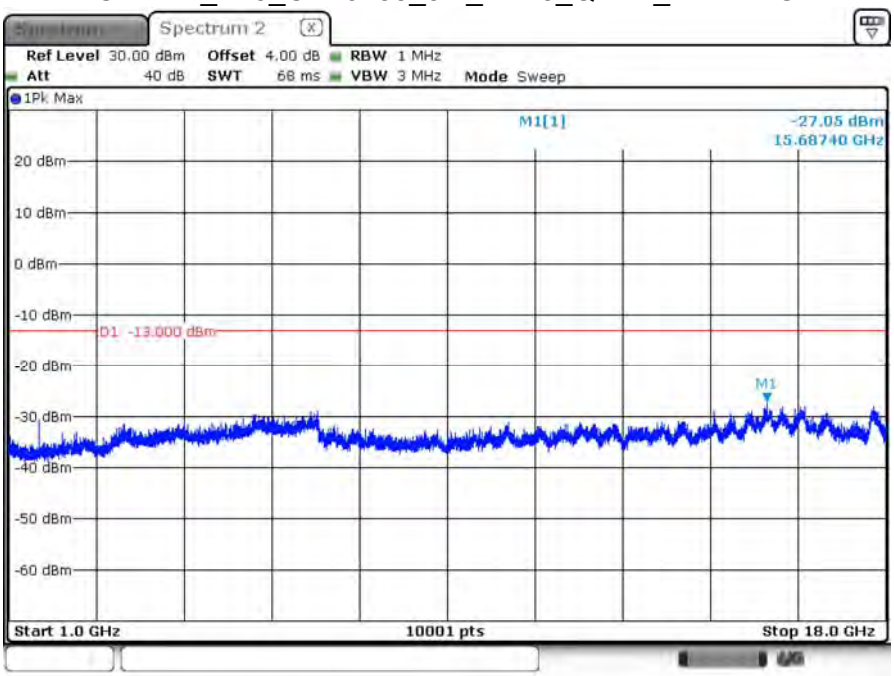


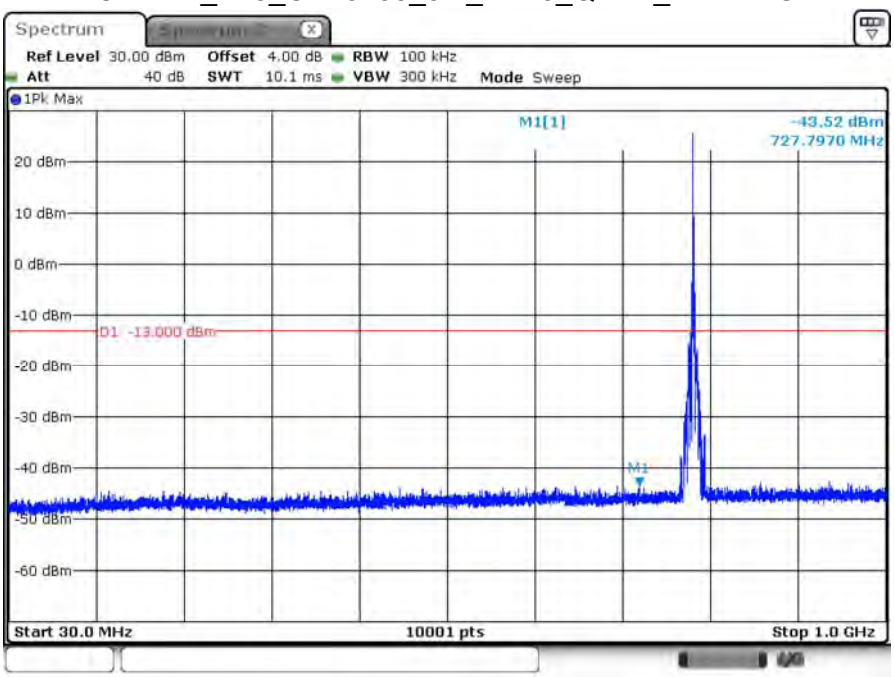
Date: 14.JAN.2021 15:58:57

CAT-M1_B13_CH23255_5M_1RB5_QPSK_above 1G



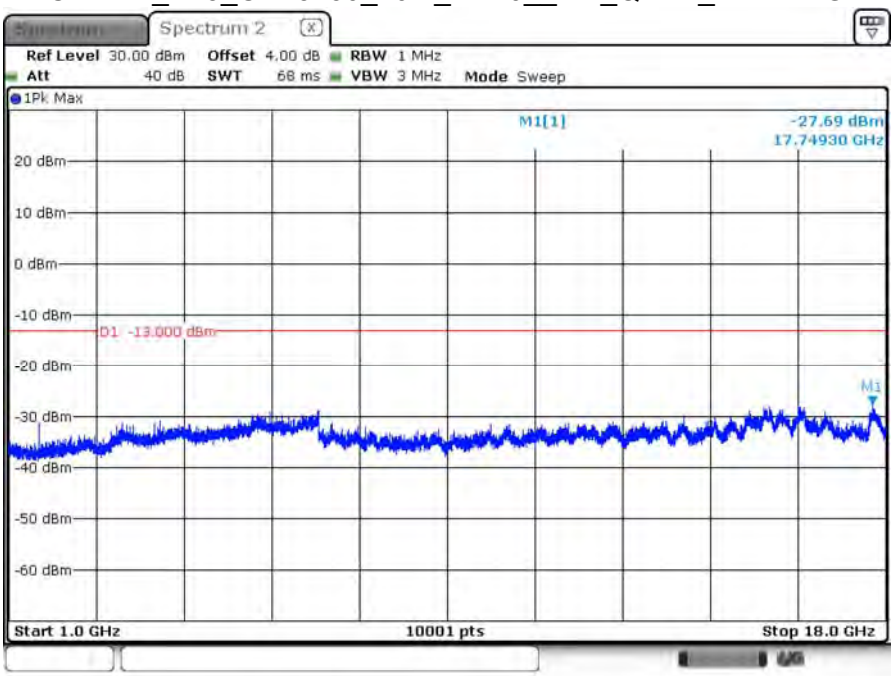
Date: 14.JAN.2021 16:00:35

CAT-M1_B13_CH23255_5M_1RB5_QPSK_Below 1G



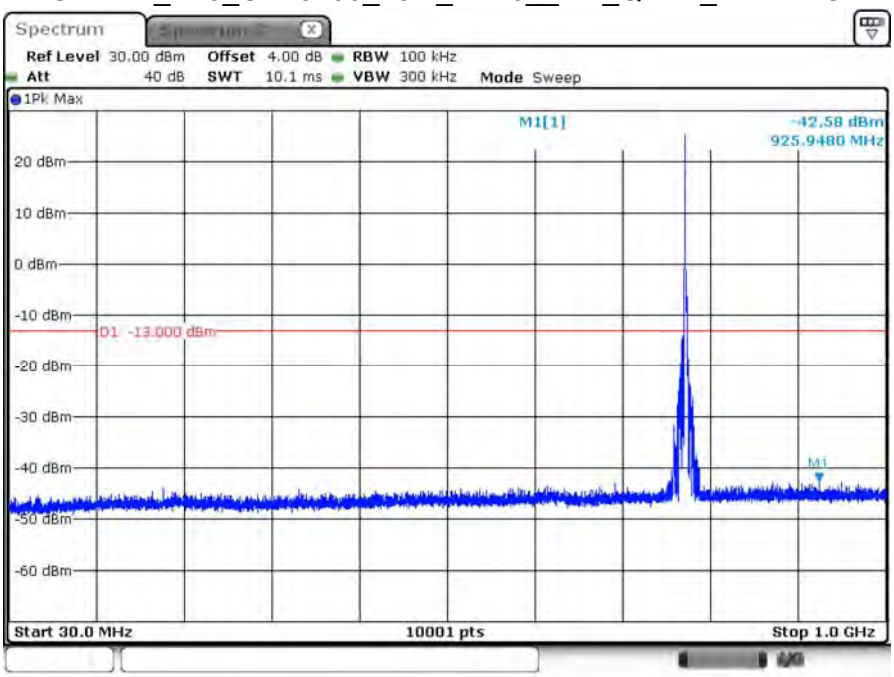
Date: 14.JAN.2021 16:00:14

CAT-M1_B13_CH23230_10M_1RB0__low_QPSK_Above 1G



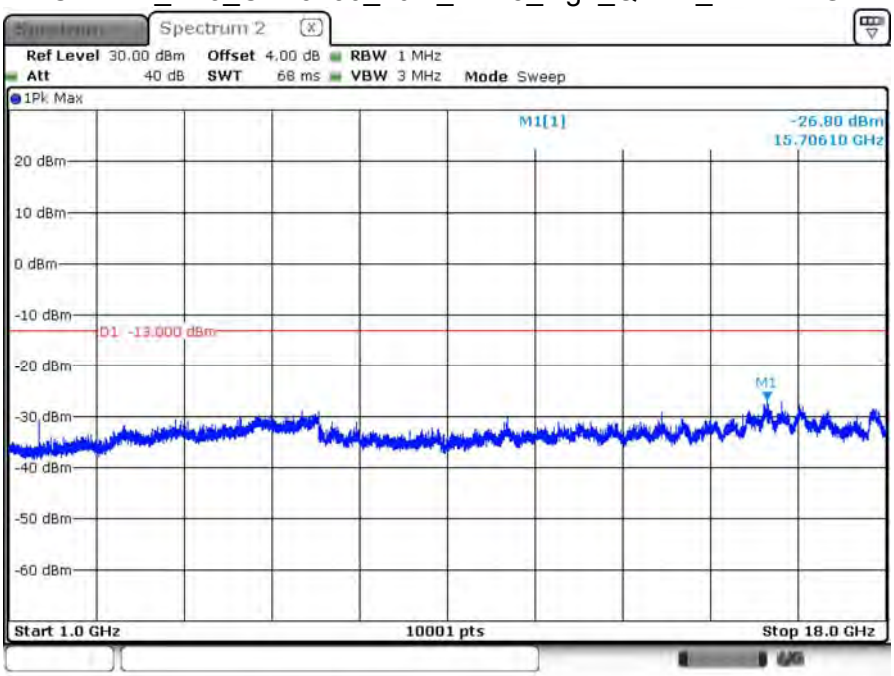
Date: 14.JAN.2021 16:01:57

CAT-M1_B13_CH23230_10M_1RB0__low_QPSK_Below 1G



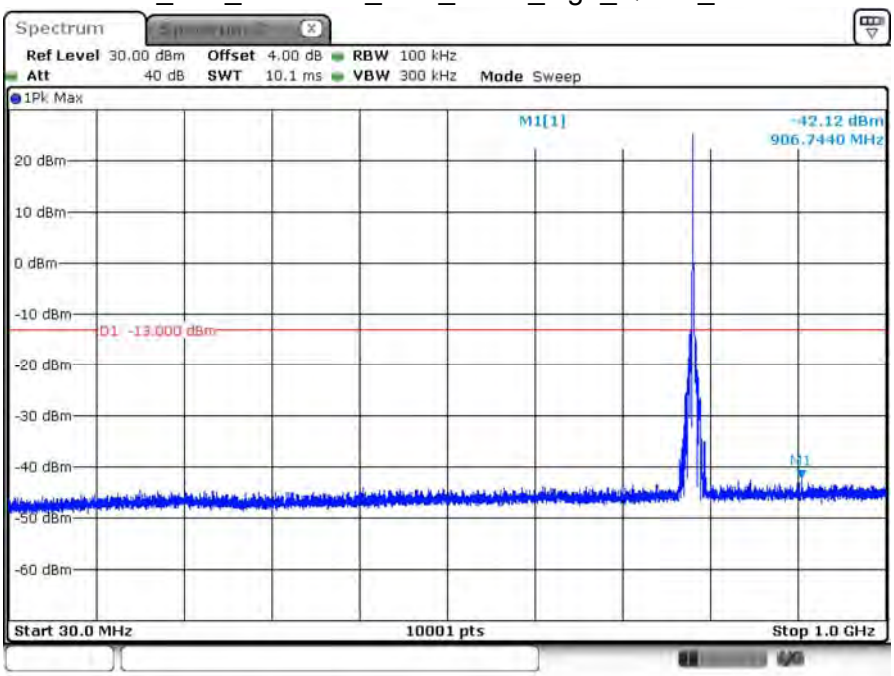
Date: 14.JAN.2021 16:04:52

CAT-M1_B13_CH23230_10M_1RB5_high_QPSK_Above 1G



Date: 14.JAN.2021 16:01:32

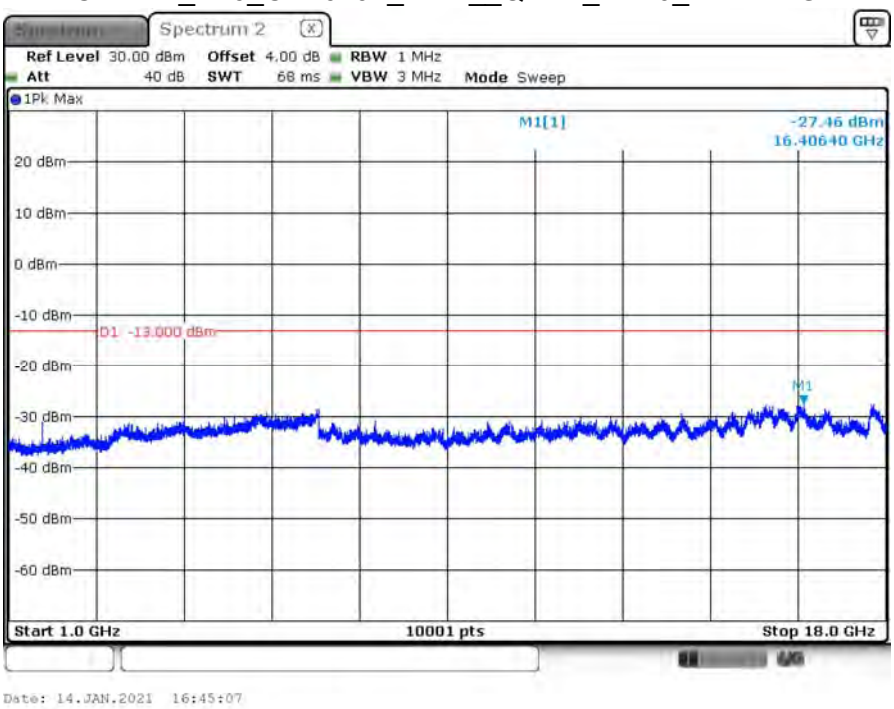
CAT-M1_B13_CH23230_10M_1RB5_high_QPSK_Below 1G



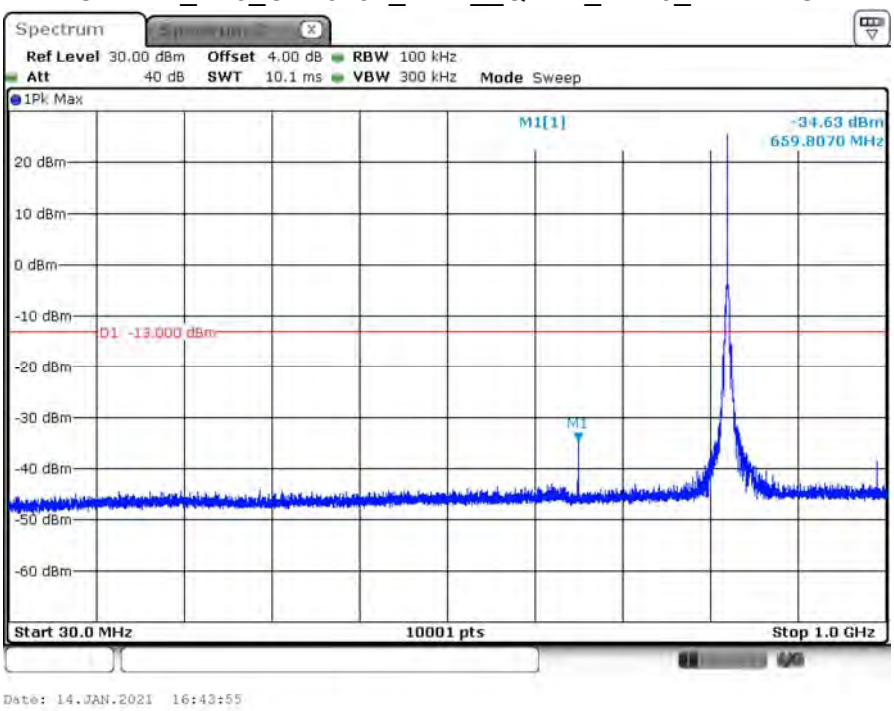
Date: 14.JAN.2021 16:03:24

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 6: Band26_Part22 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

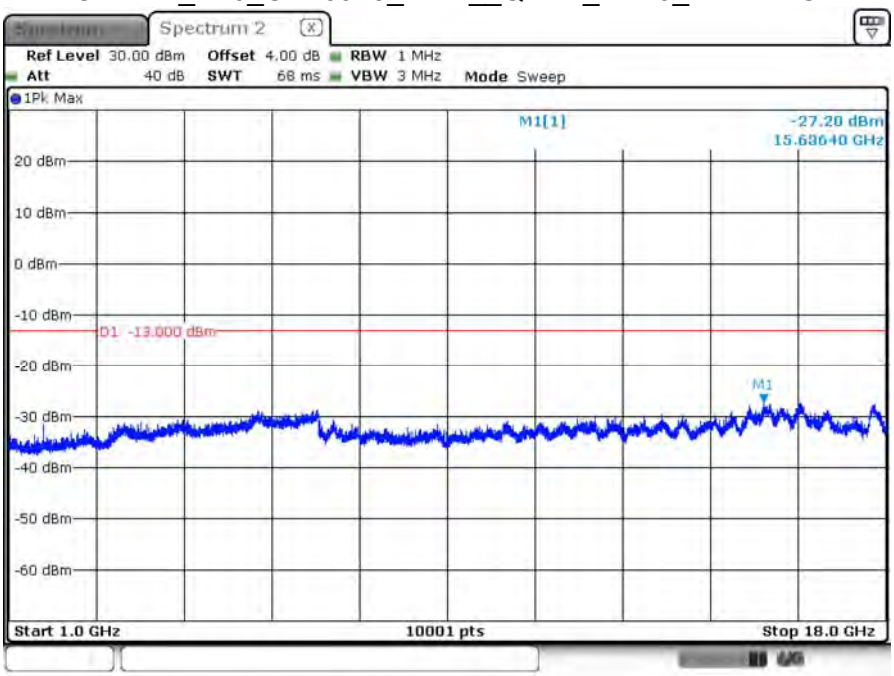
CAT-M1_B26_CH26797_1.4M__QPSK_1RB0_Above 1G



CAT-M1_B26_CH26797_1.4M__QPSK_1RB0_Below 1G

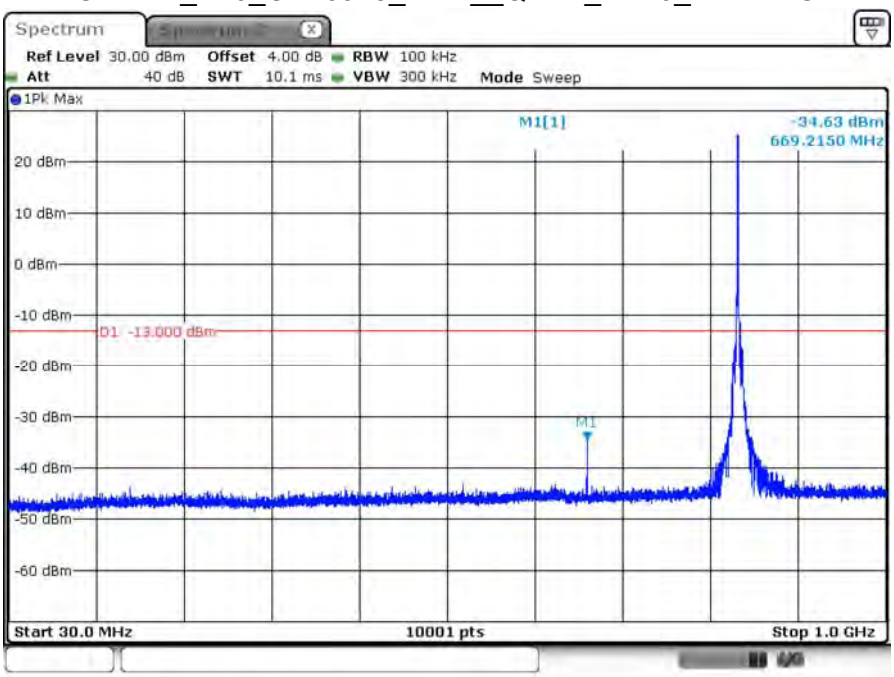


CAT-M1_B26_CH26915_1.4M__QPSK_1RB0_Above 1G



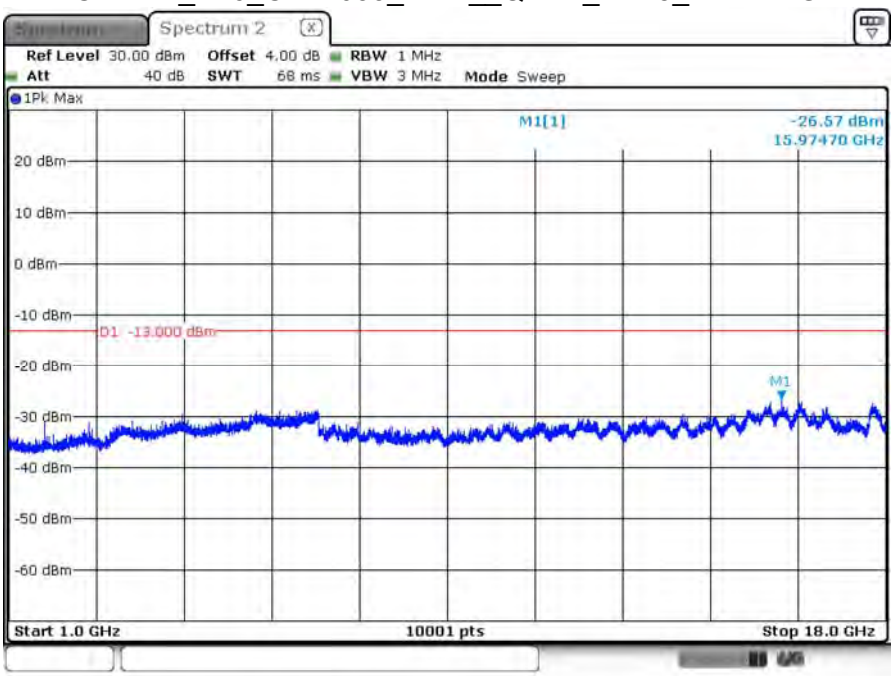
Date: 14.JAN.2021 16:47:00

CAT-M1_B26_CH26915_1.4M__QPSK_1RB0_Below 1G



Date: 14.JAN.2021 16:49:47

CAT-M1_B26_CH27033_1.4M__QPSK_1RB5_Above 1G



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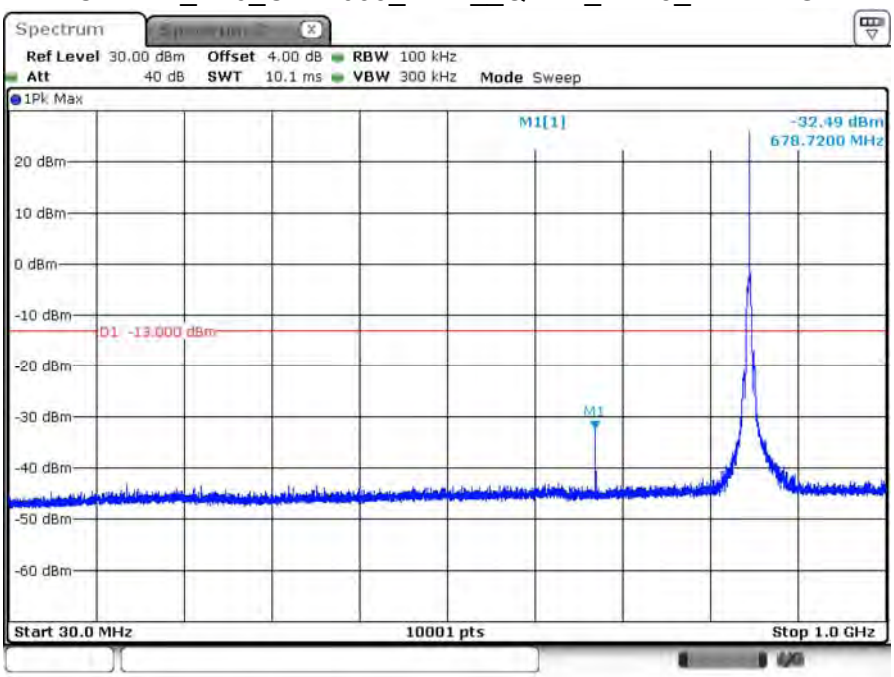
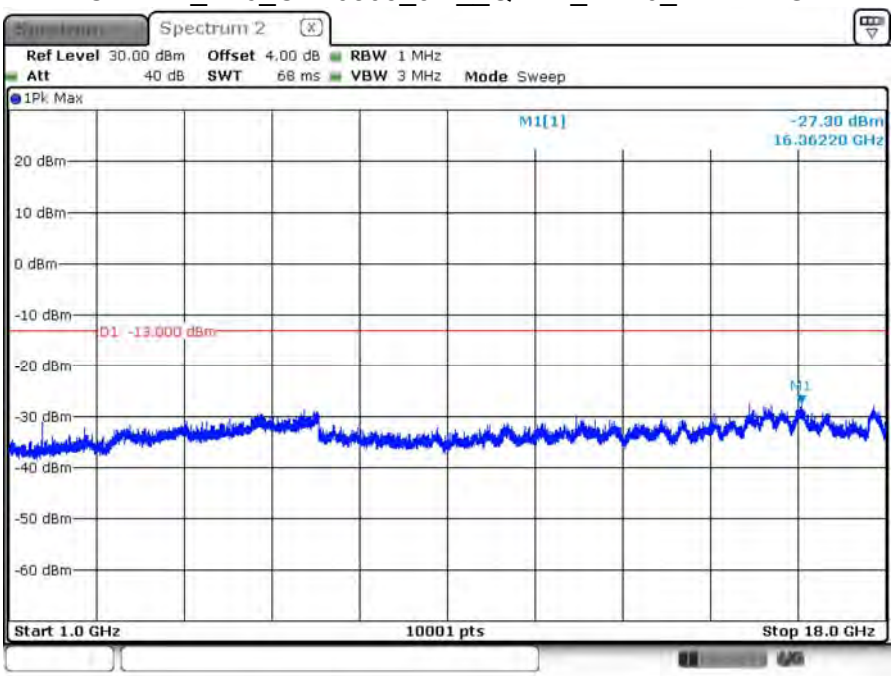
CAT-M1_B26_CH27033_1.4M__QPSK_1RB5_Below 1G



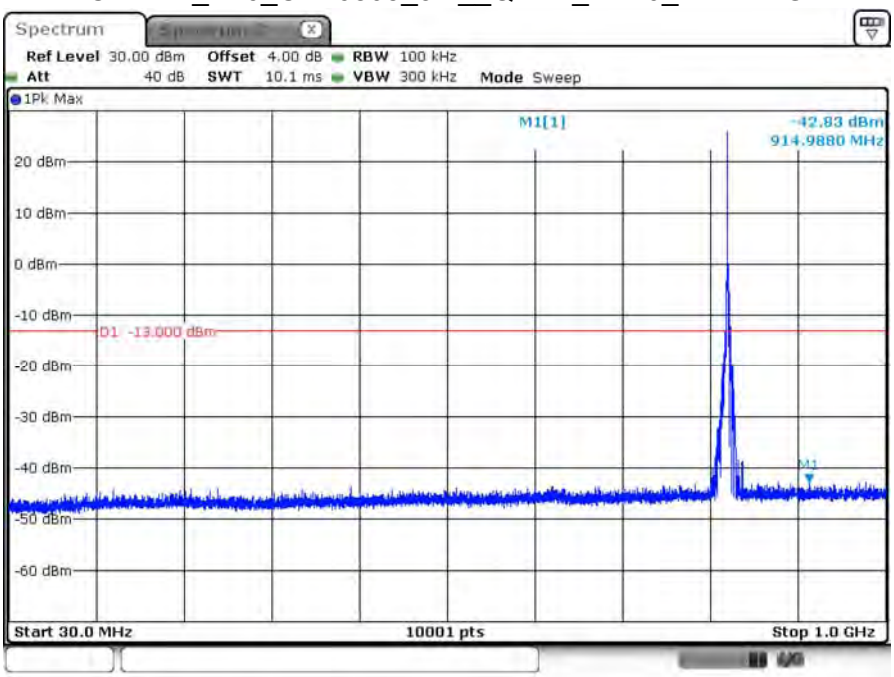
Date: 14.JAN.2021 16:59:09

CAT-M1_B26_CH26805_3M__QPSK_1RB0_Above 1G



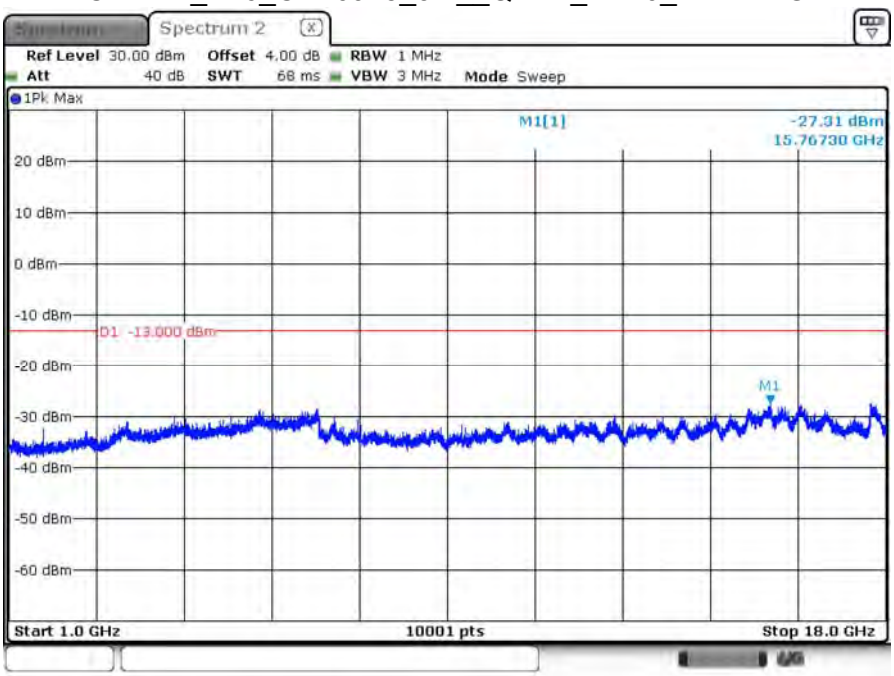
Date: 14.JAN.2021 17:02:16

CAT-M1_B26_CH26805_3M__QPSK_1RB0_Below 1G



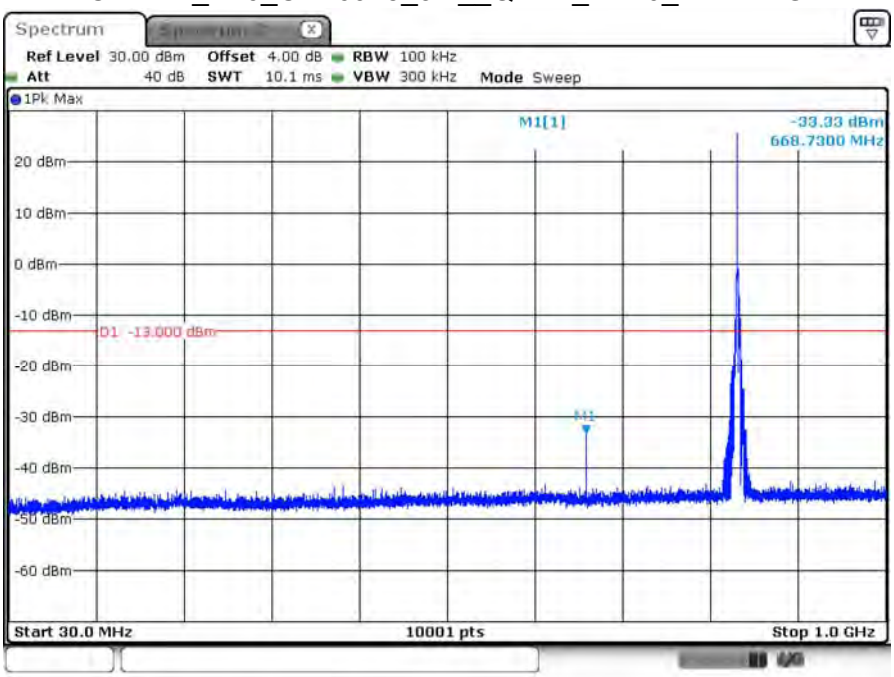
Date: 14.JAN.2021 17:04:00

CAT-M1_B26_CH26915_3M__QPSK_1RB0_Above 1G



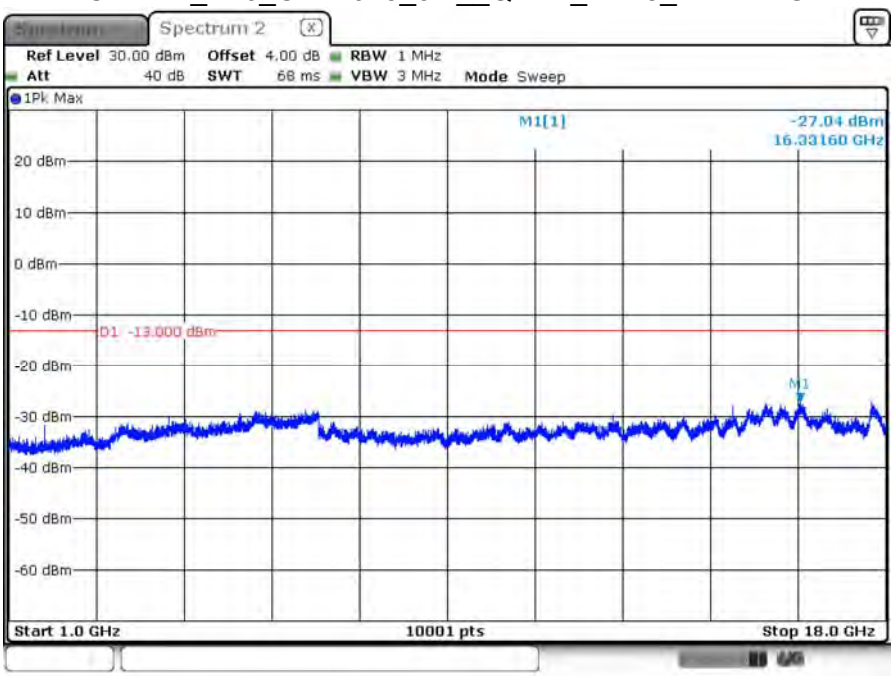
Date: 14.JAN.2021 17:06:23

CAT-M1_B26_CH26915_3M__QPSK_1RB0_Below 1G



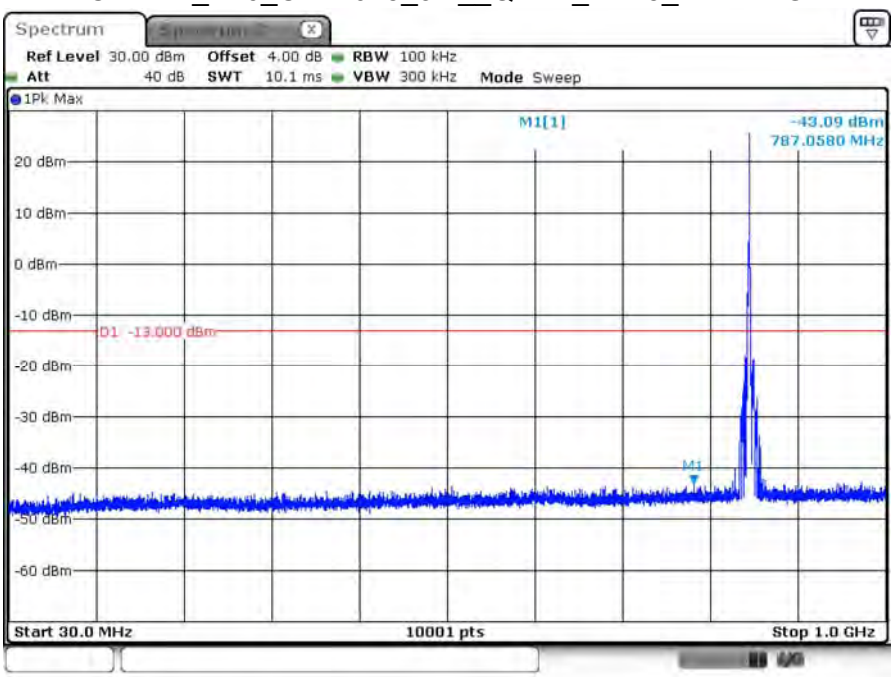
Date: 14.JAN.2021 17:05:25

CAT-M1_B26_CH27025_3M__QPSK_1RB5_Above 1G



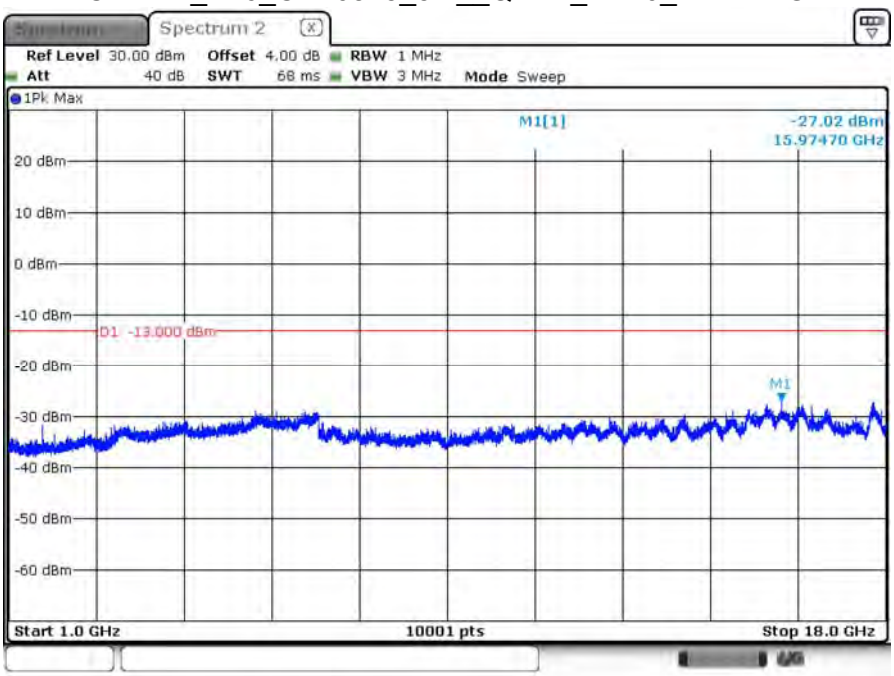
Date: 14.JAN.2021 17:08:13

CAT-M1_B26_CH27025_3M__QPSK_1RB5_Below 1G



Date: 14.JAN.2021 17:09:19

CAT-M1_B26_CH26815_5M__QPSK_1RB0_Above 1G



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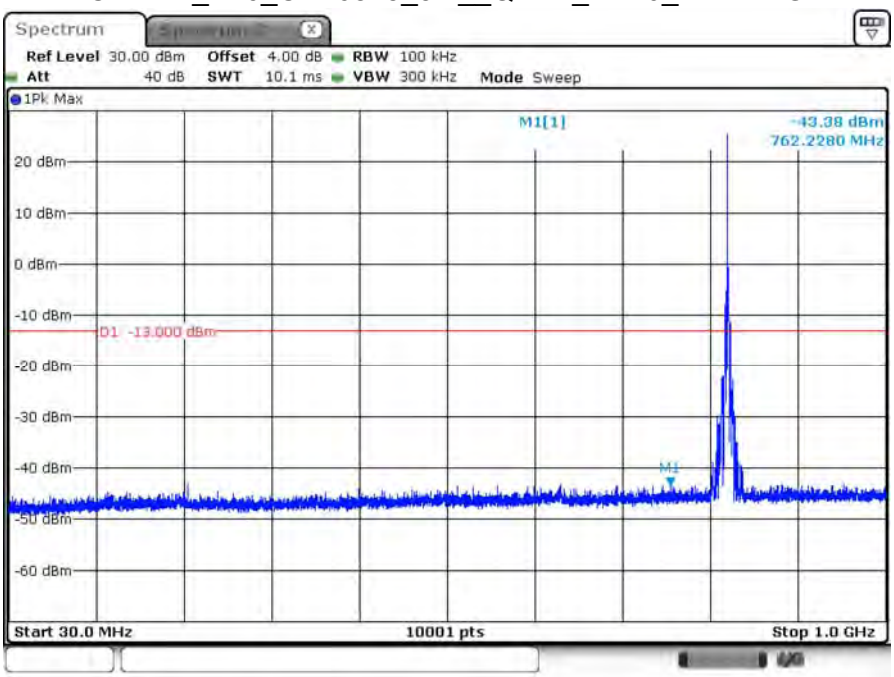

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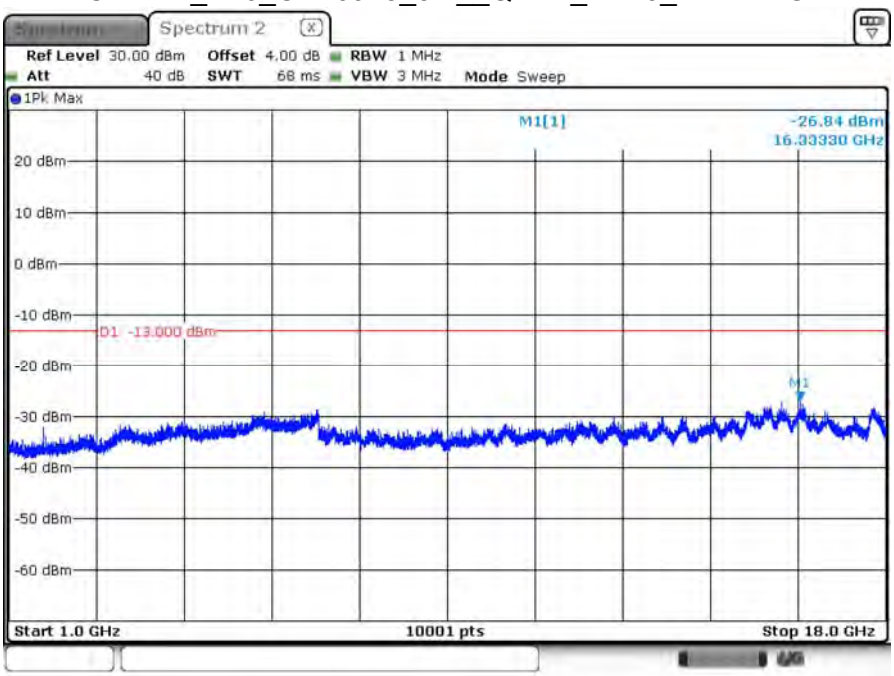

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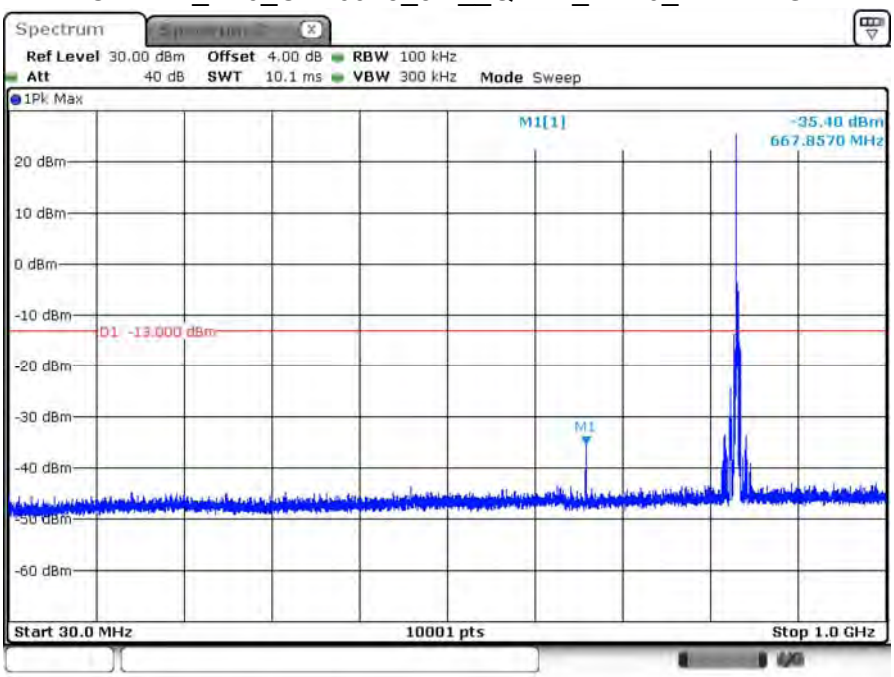

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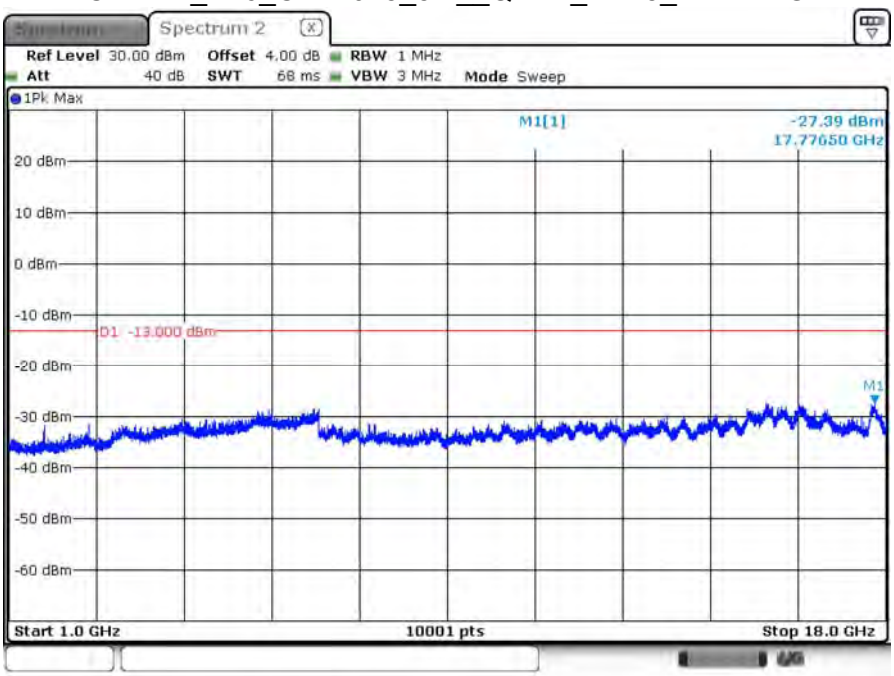

Date: 14.JAN.2021 17:15:49

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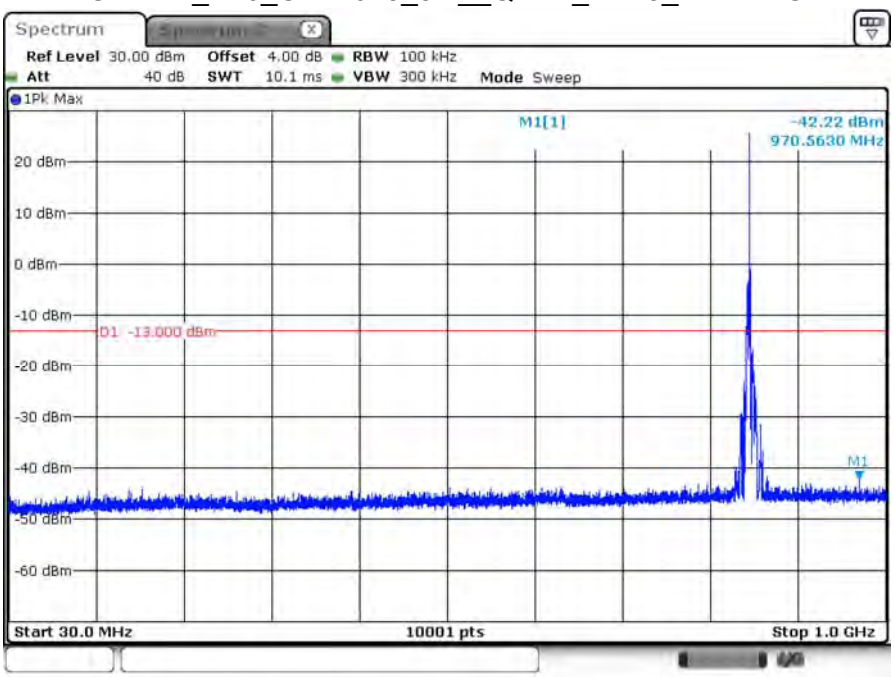

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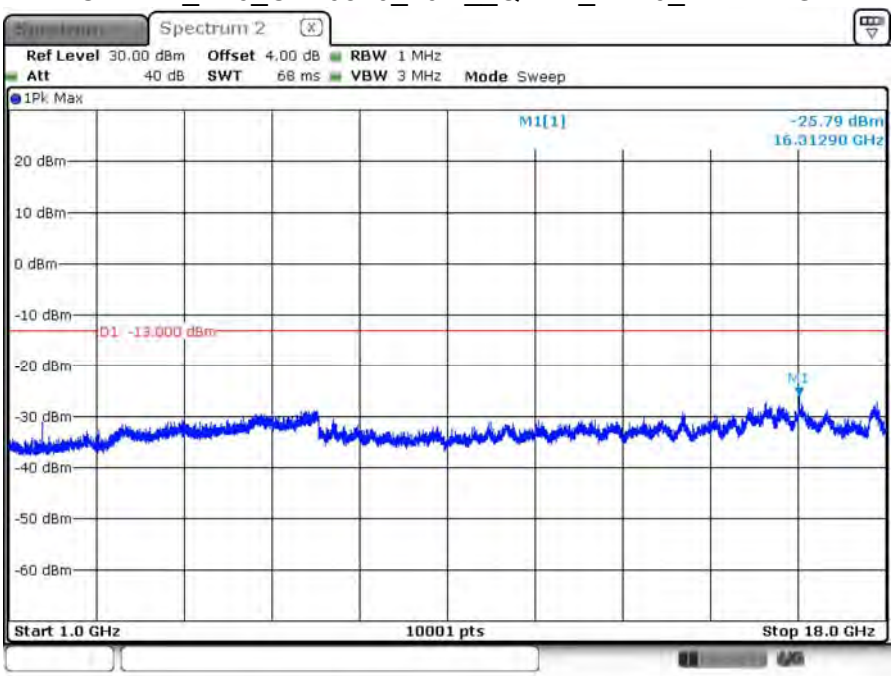

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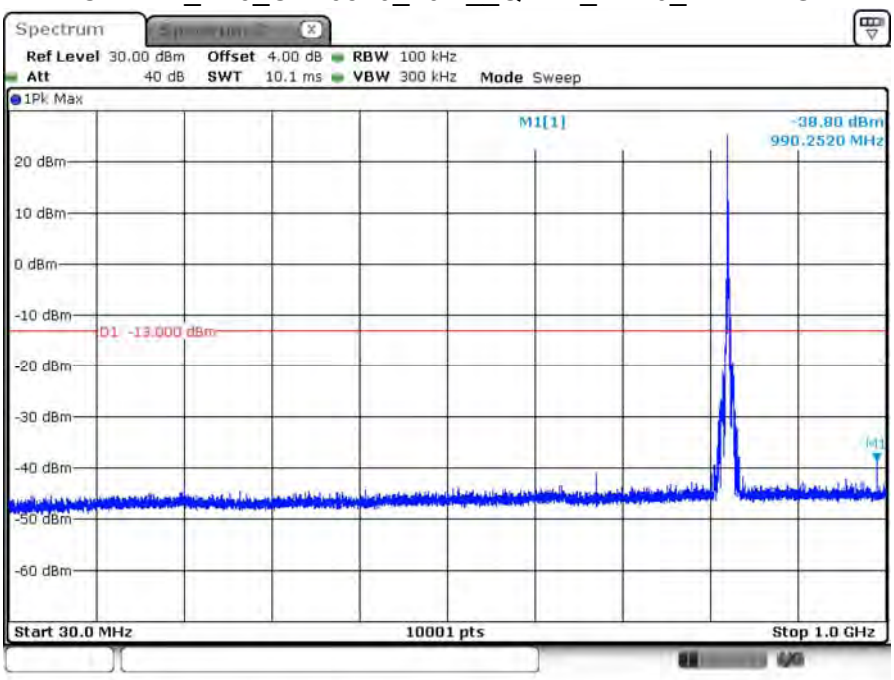

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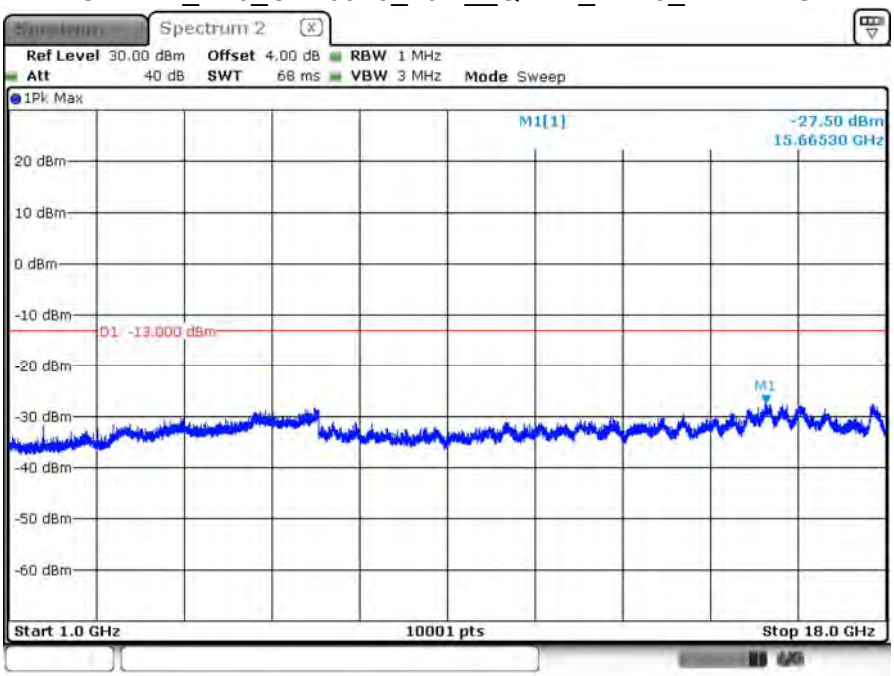

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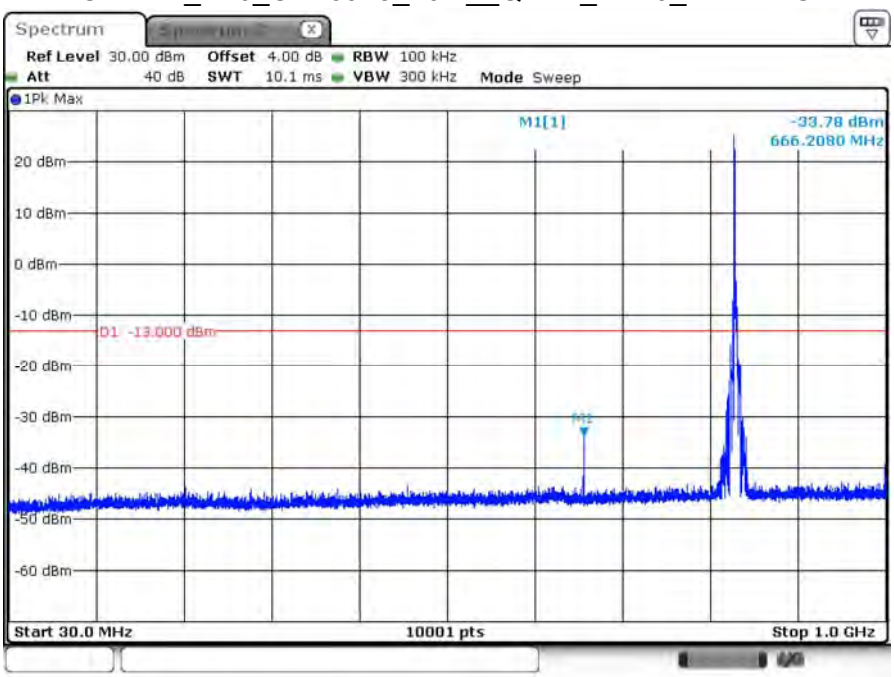

Date: 14.JAN.2021 17:20:42

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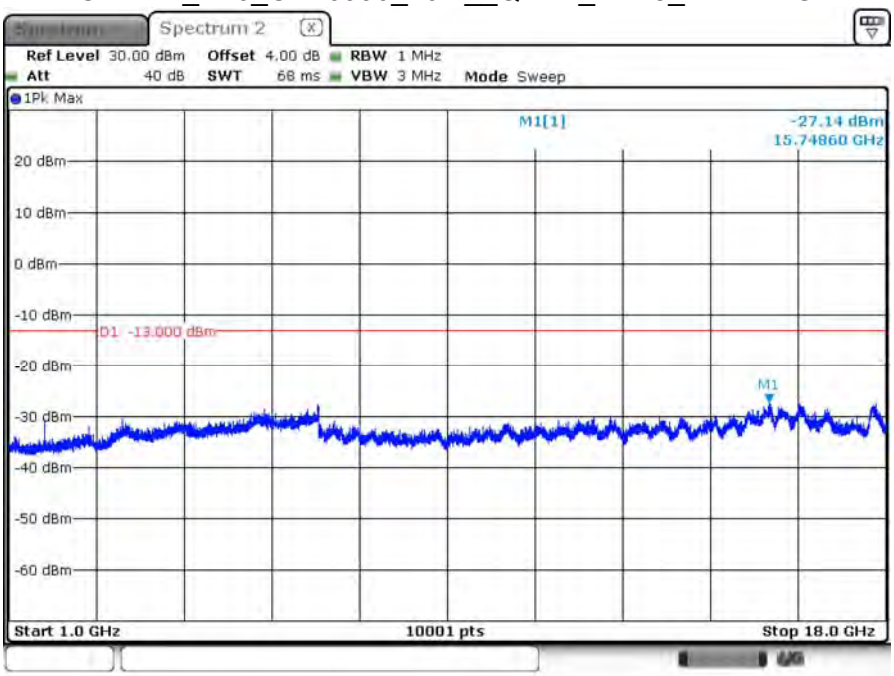

Date: 14.JAN.2021 17:23:53

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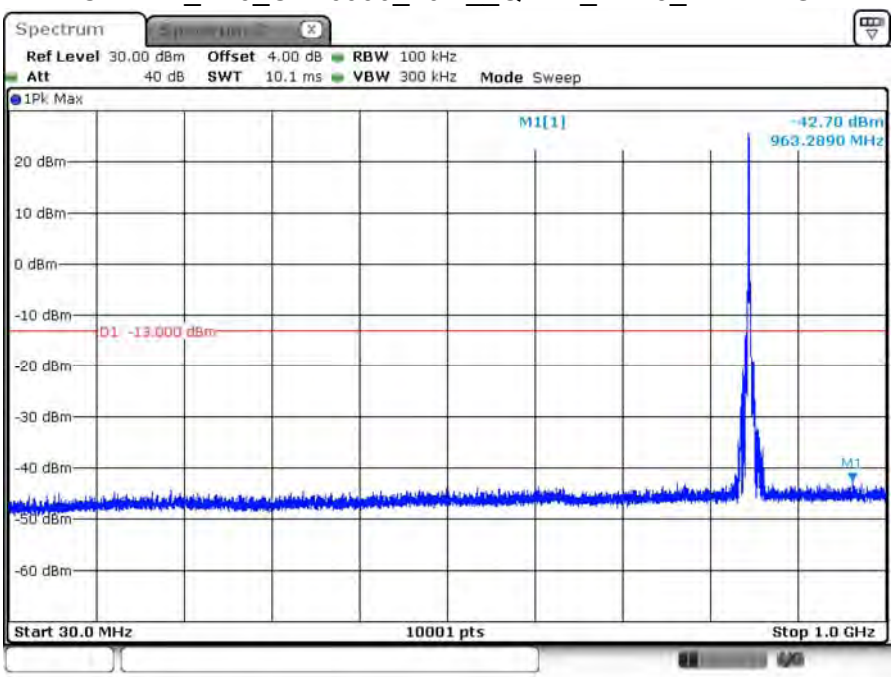

Date: 14.JAN.2021 17:25:11

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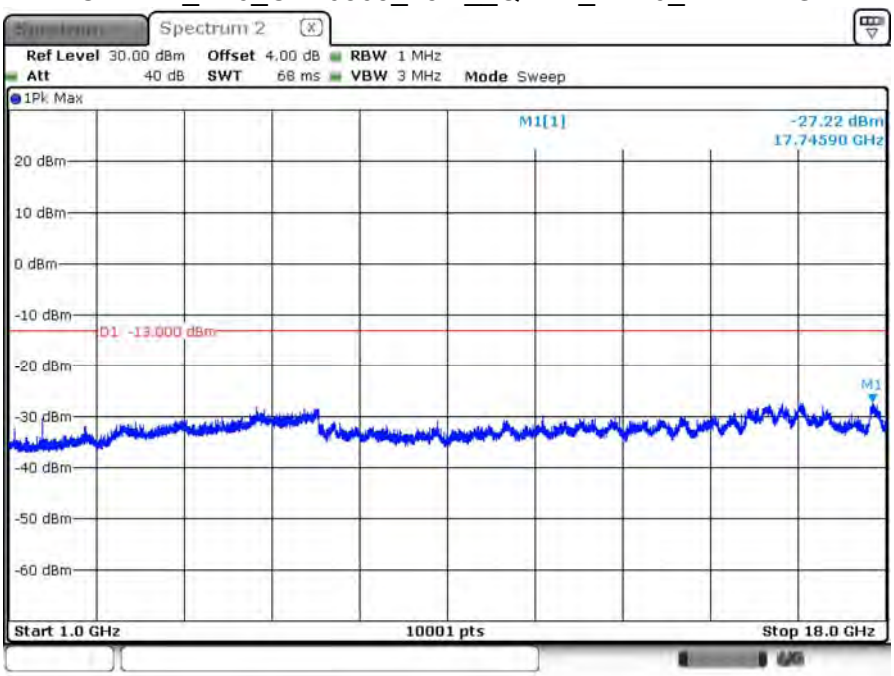

Date: 14.JAN.2021 17:30:35

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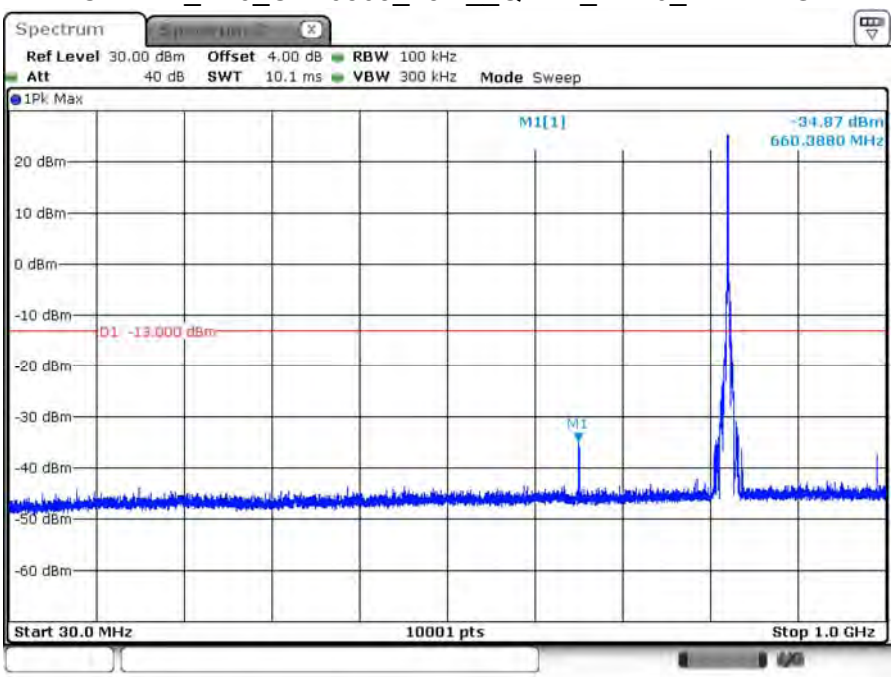

Date: 14.JAN.2021 17:27:19

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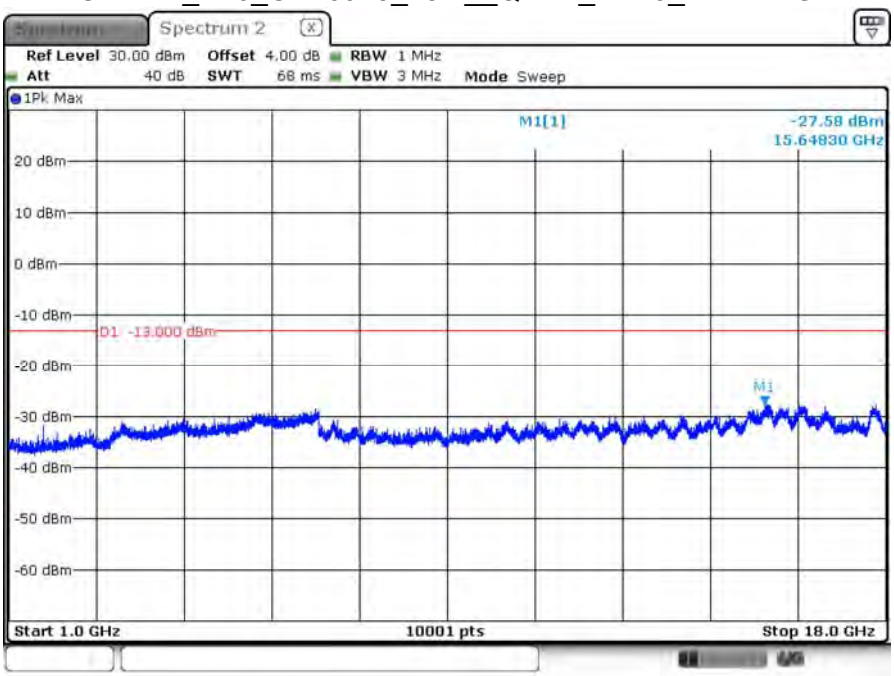

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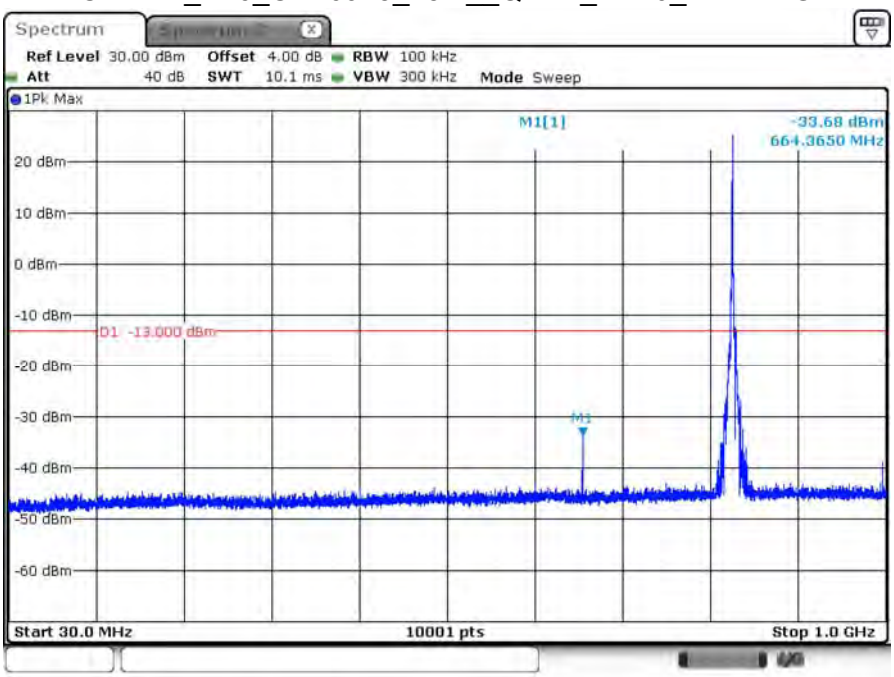

Date: 14.JAN.2021 17:34:34

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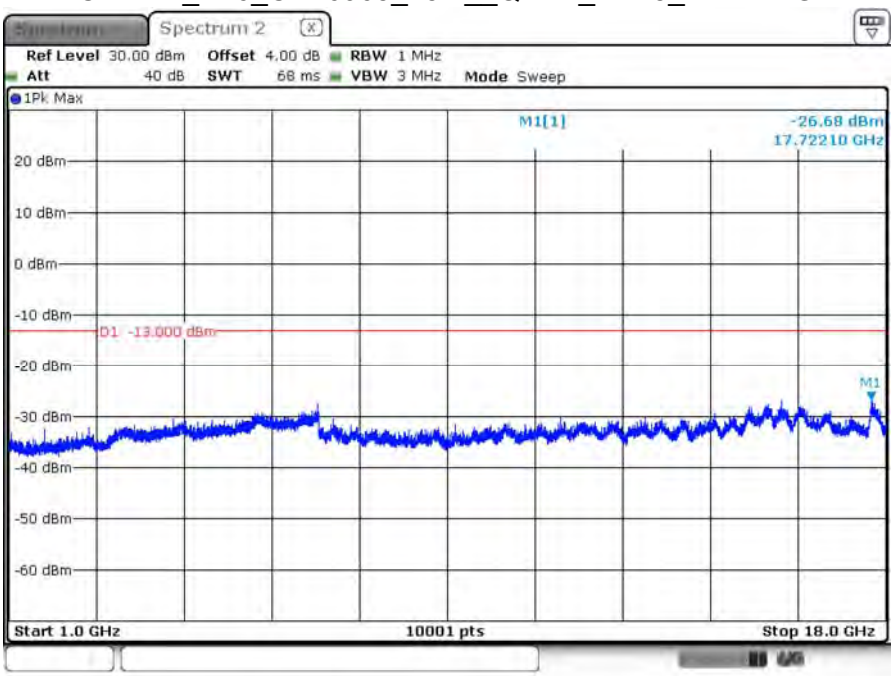

Date: 14.JAN.2021 17:38:06

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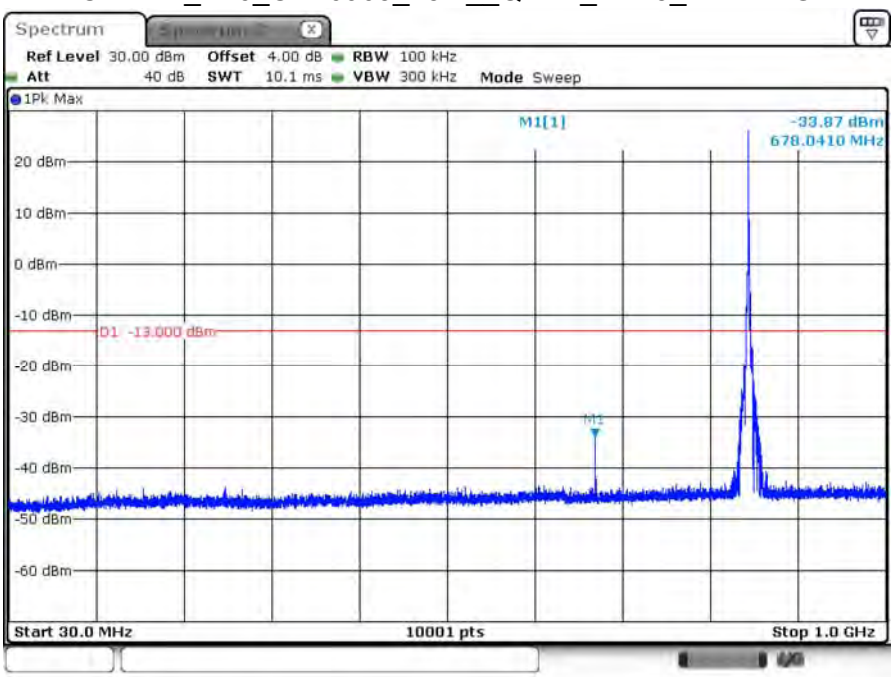
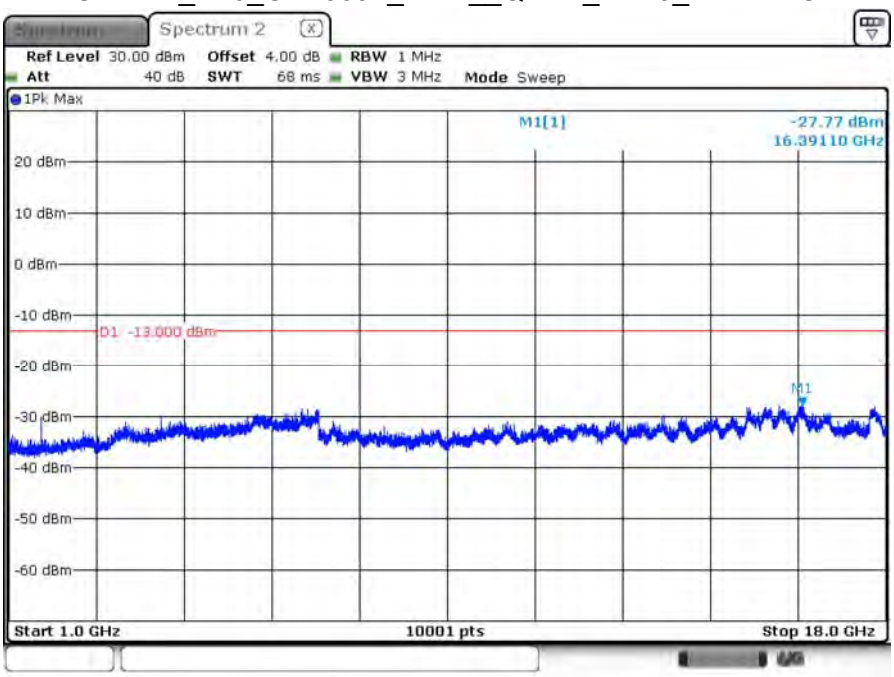


Date: 14.JAN.2021 17:37:02

Product	Connectivity Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 7: Band26_Part90 Link		
Date of Test	2021/01/14	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	56

CAT-M1_B26_CH26697_1.4M__QPSK_1RB0_Above 1G



Date: 14.JAN.2021 16:10:46

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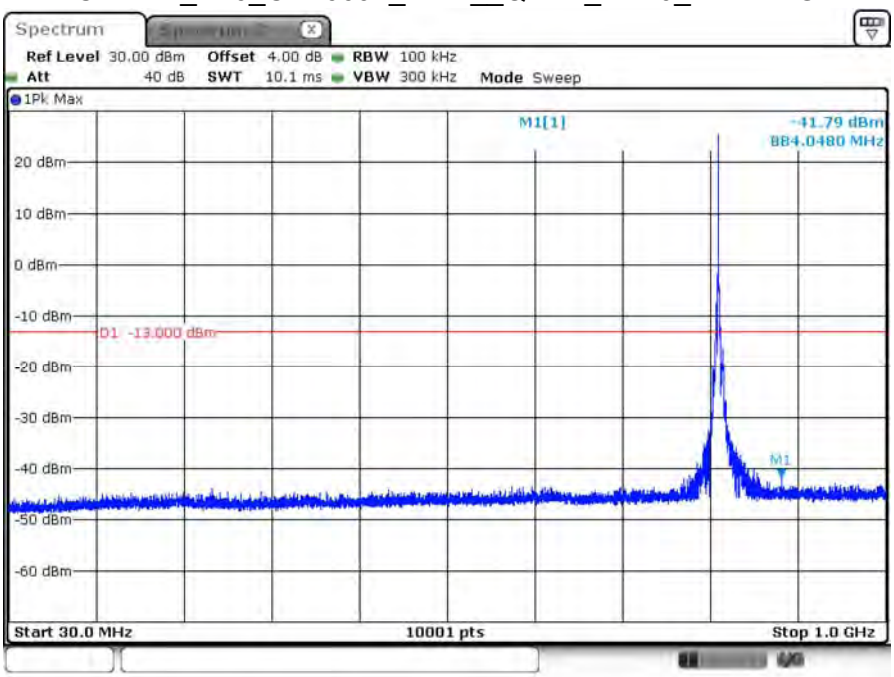

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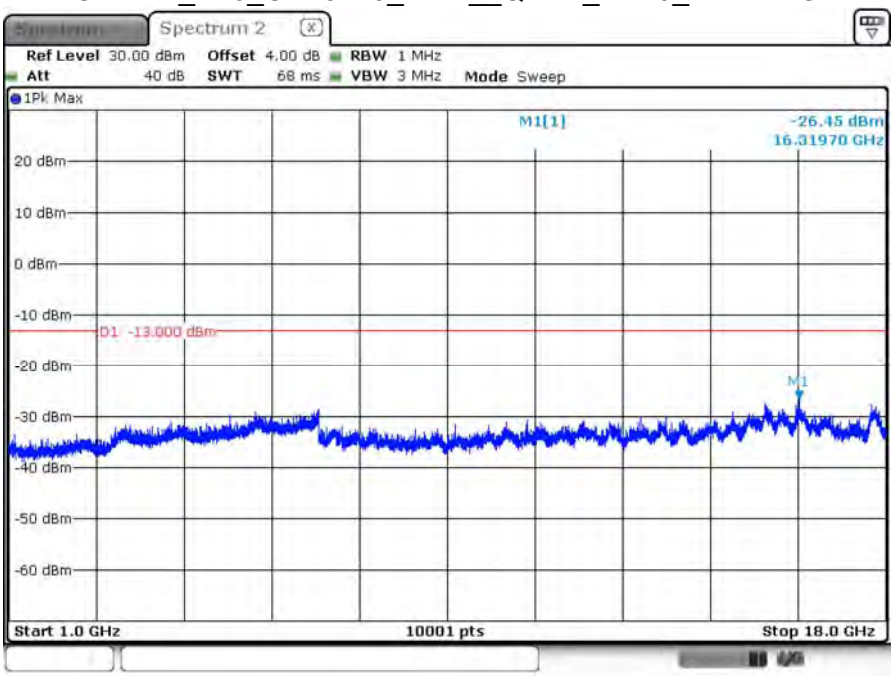

Date: 14.JAN.2021 16:11:10

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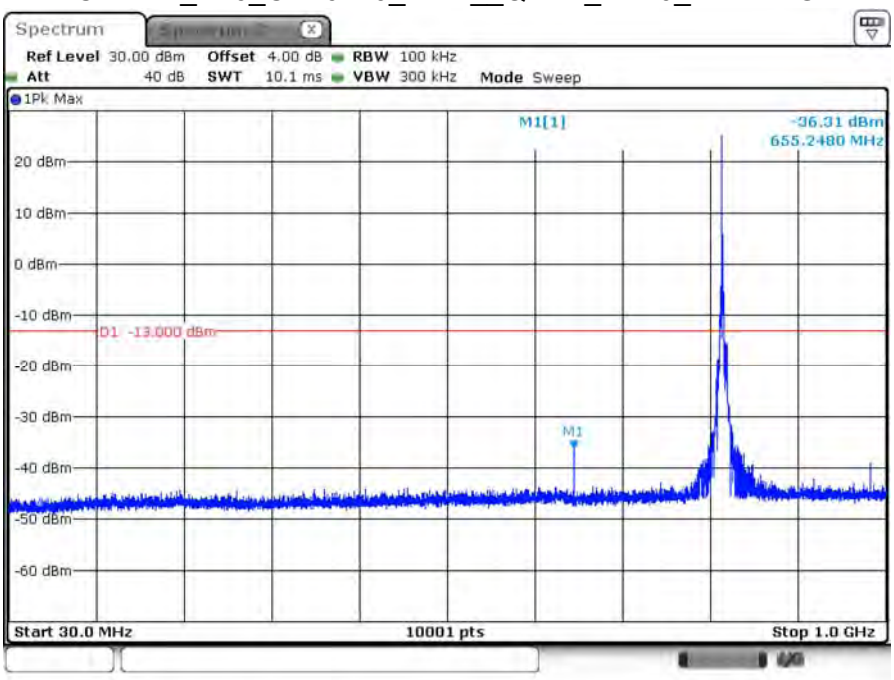

Date: 14.JAN.2021 16:12:48

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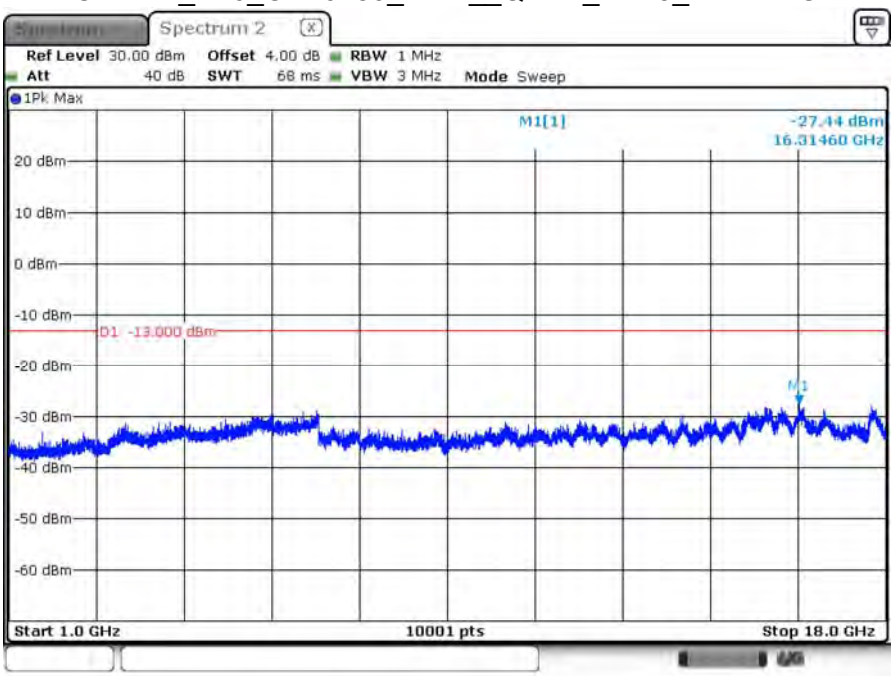

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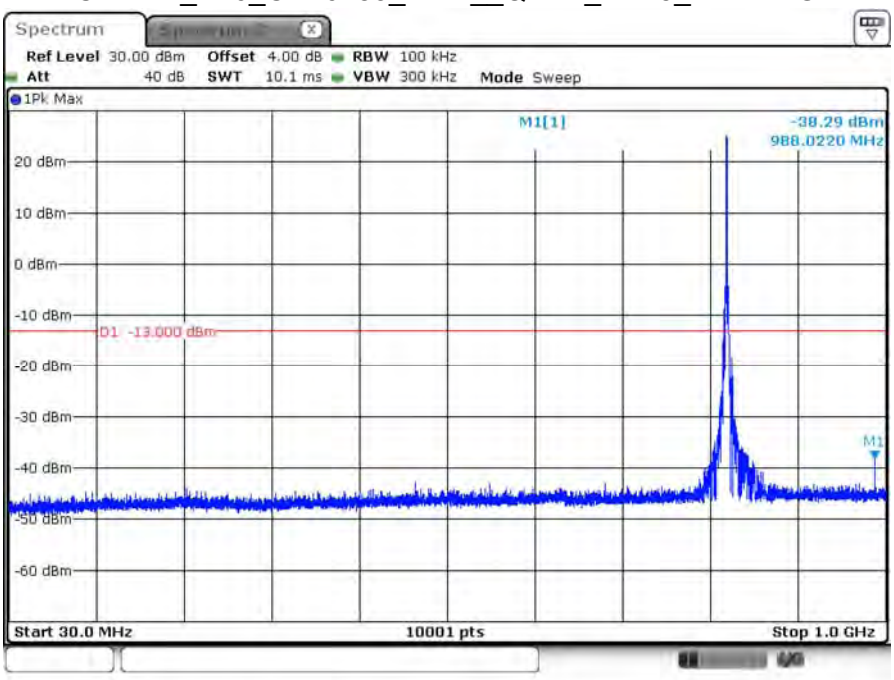

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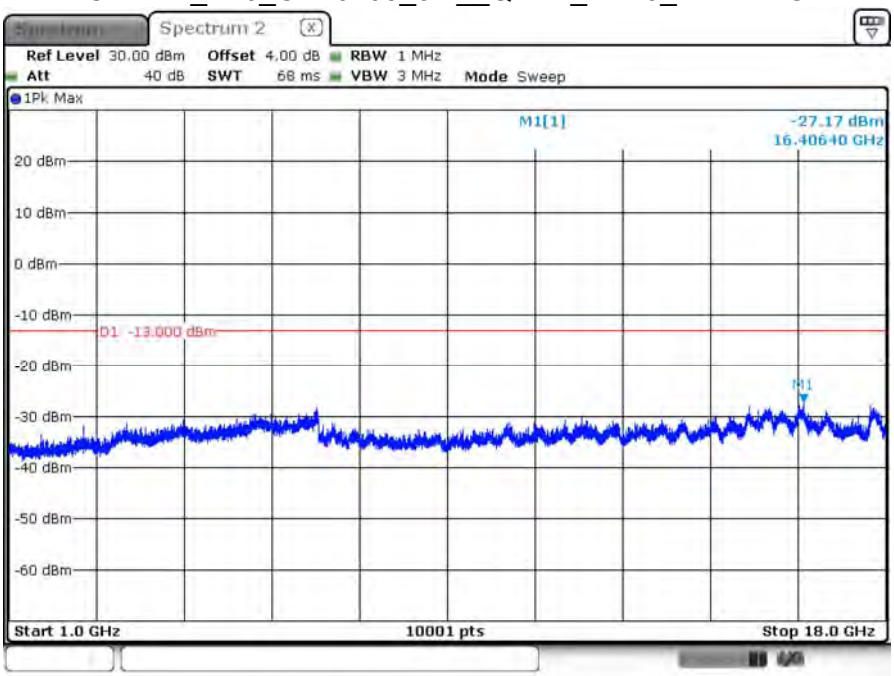

Date: 14.JAN.2021 16:15:24

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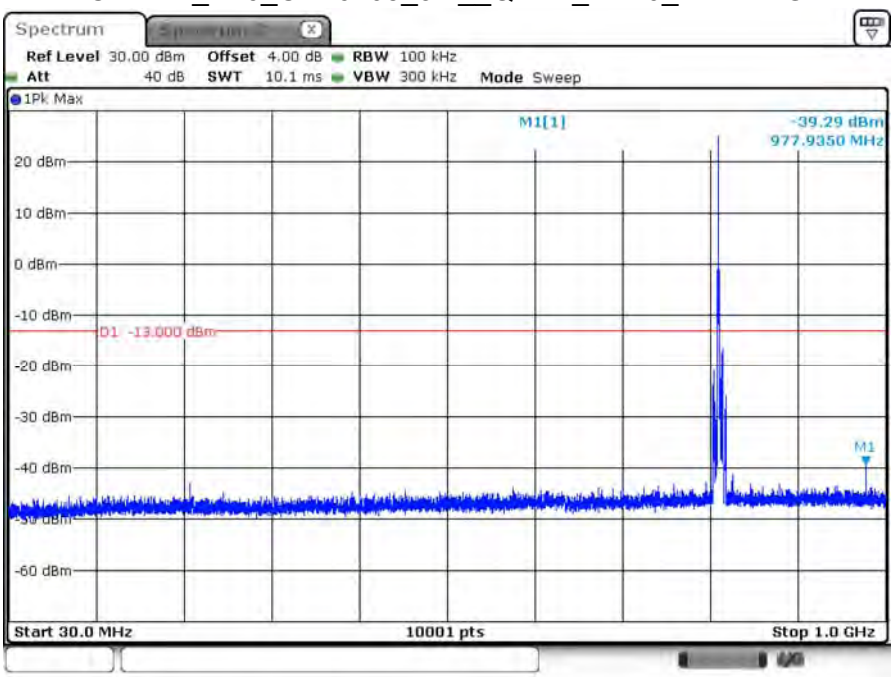

Date: 14.JAN.2021 16:15:53

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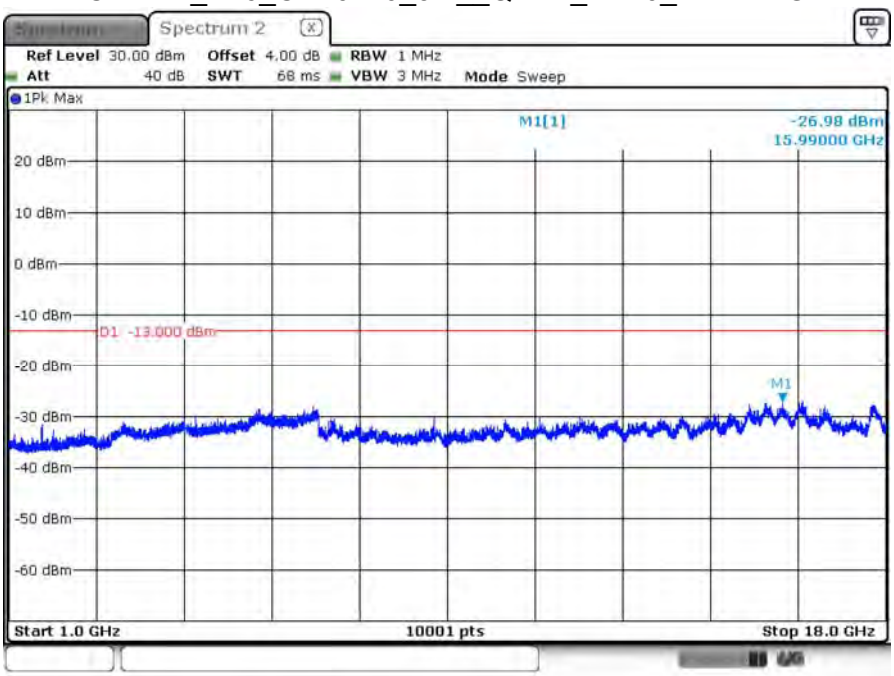

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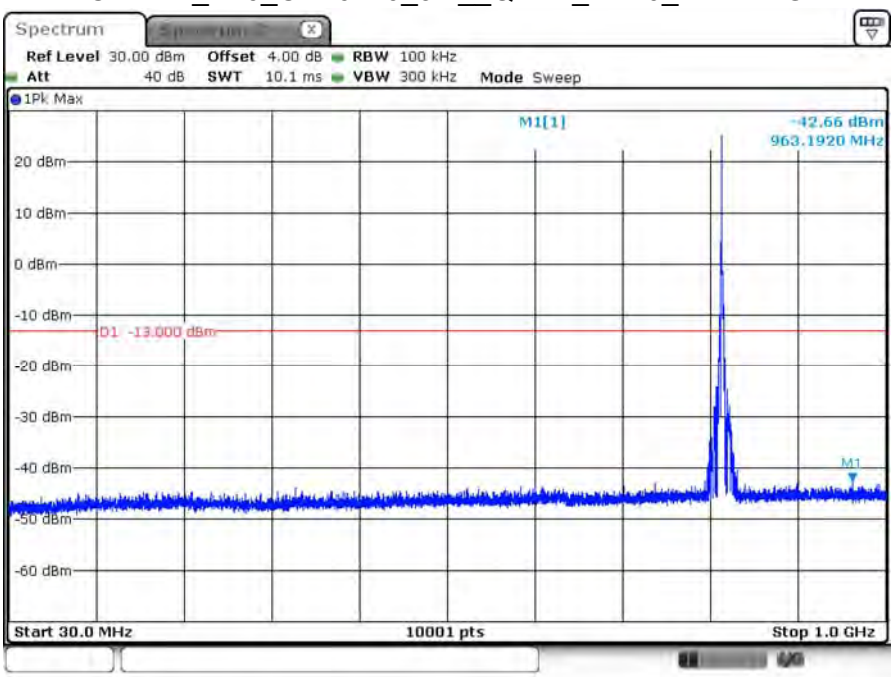

Date: 14.JAN.2021 16:17:16

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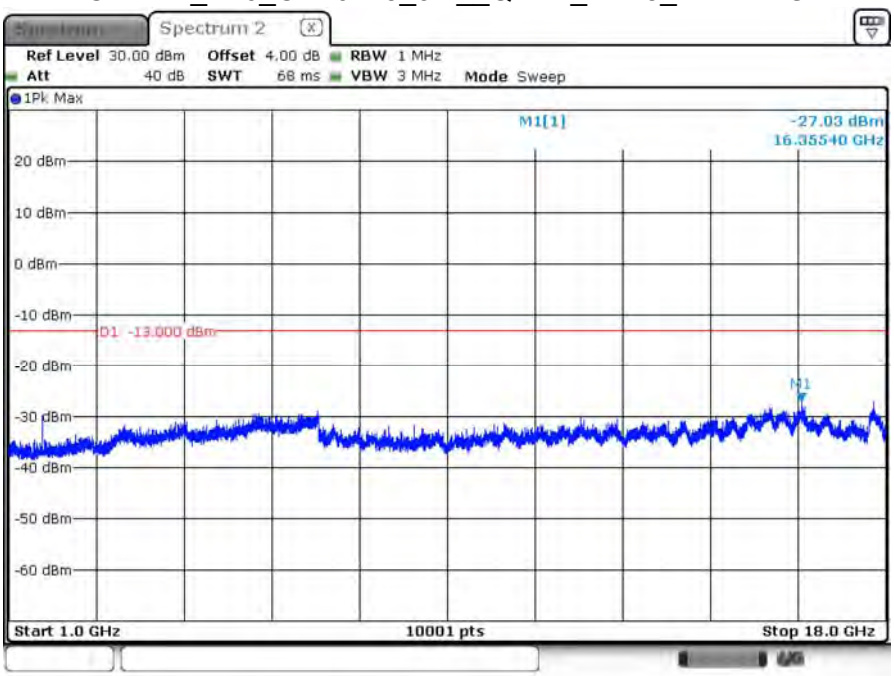

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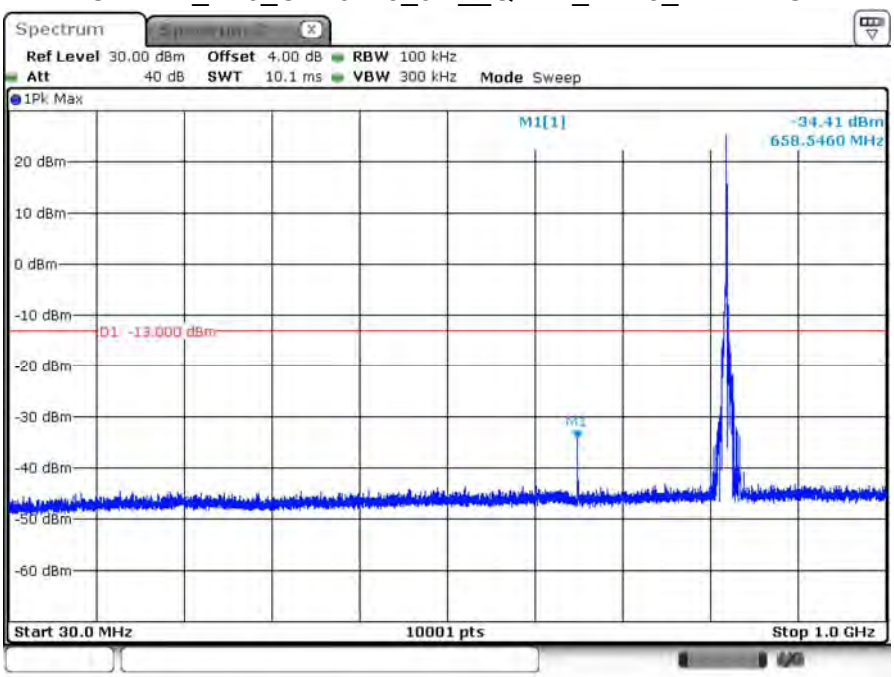

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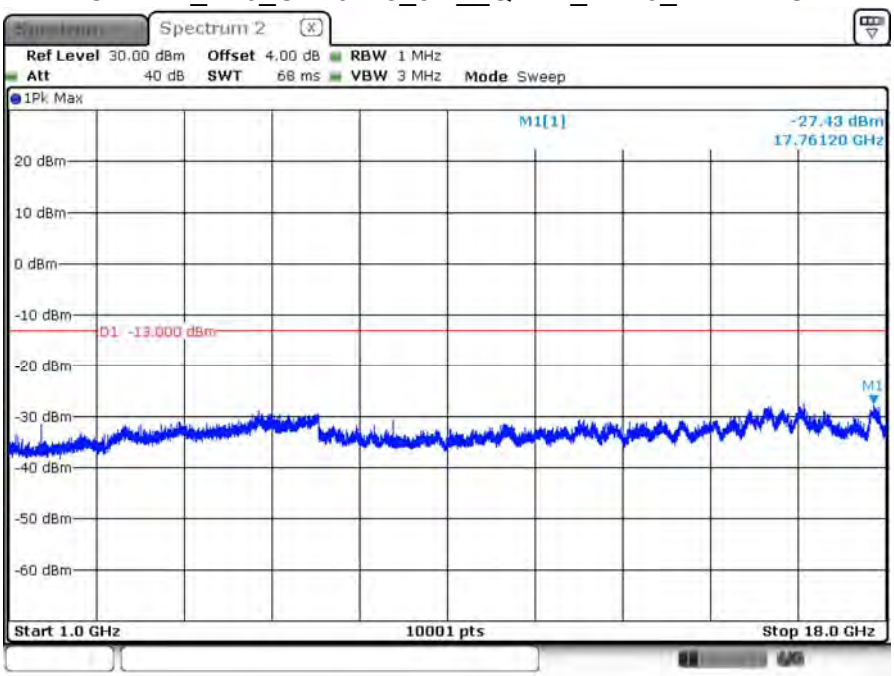

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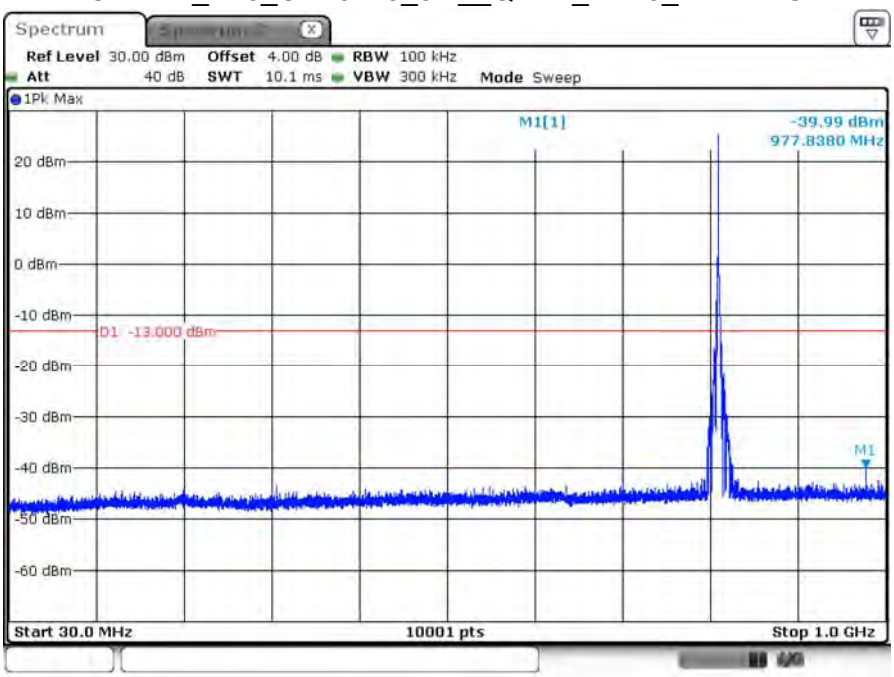

Date: 14.JAN.2021 16:24:05

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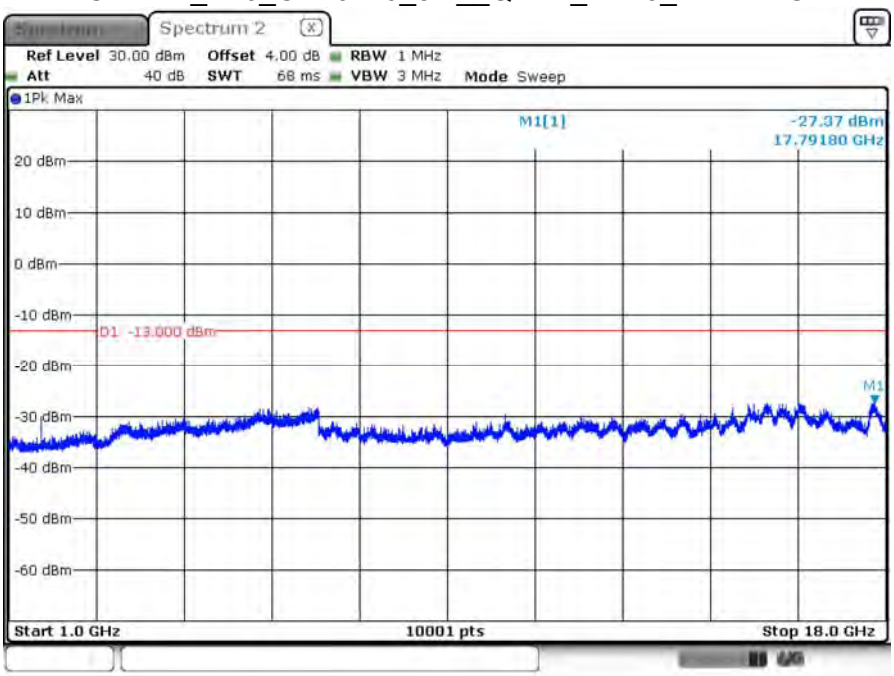

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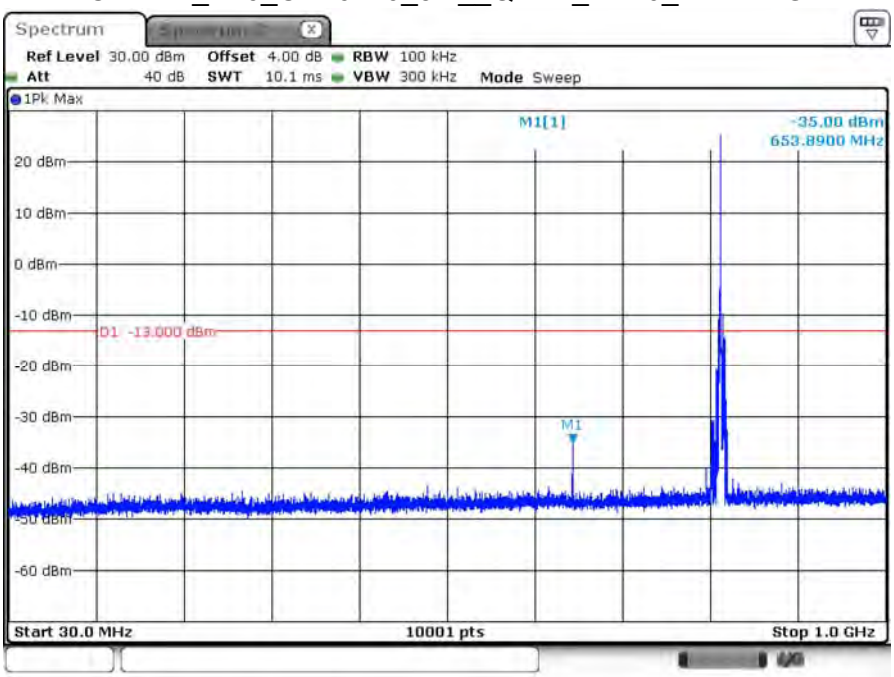

Date: 14.JAN.2021 16:28:16

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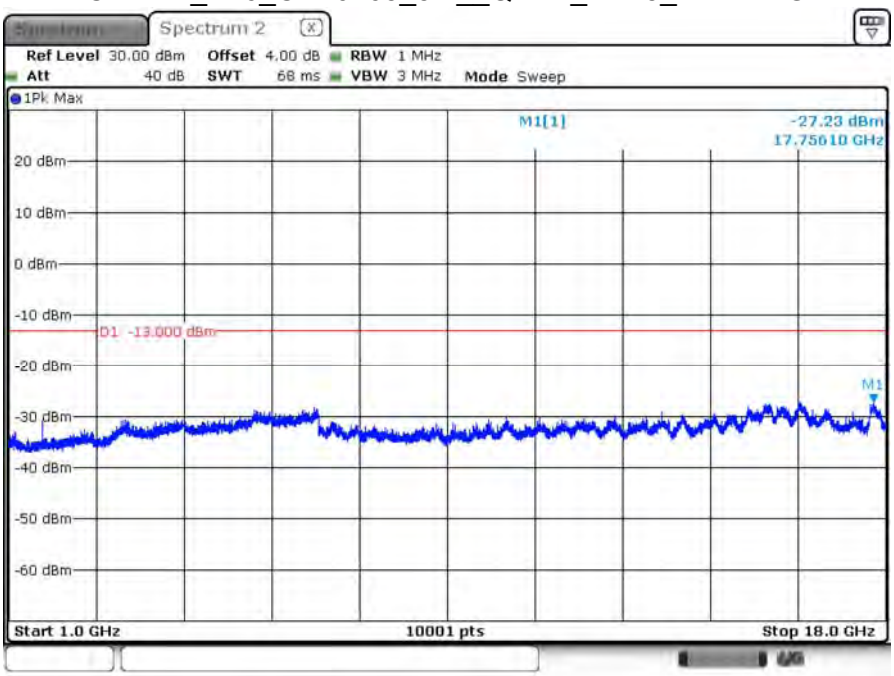

Date: 14.JAN.2021 16:34:01

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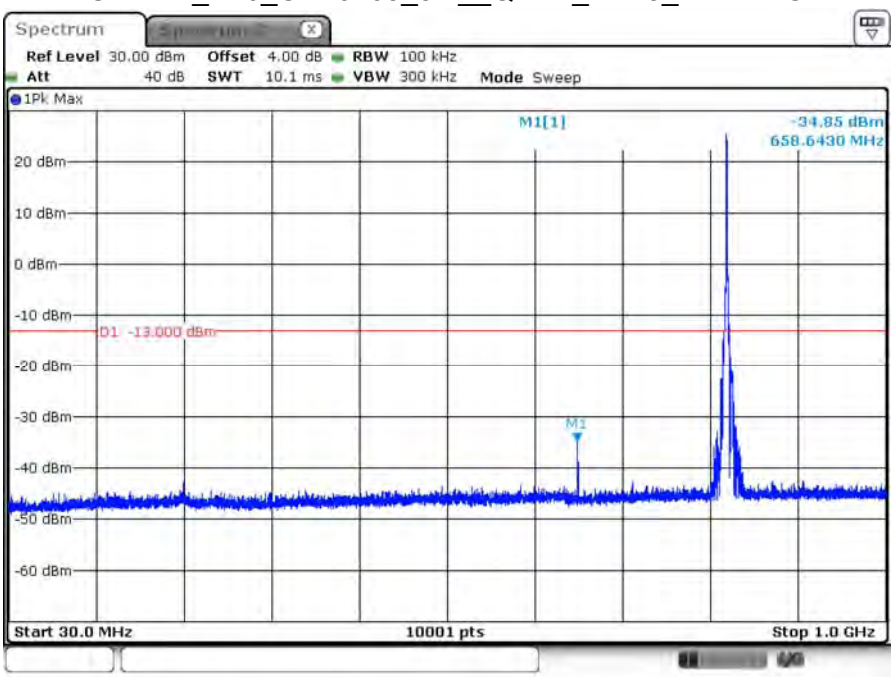
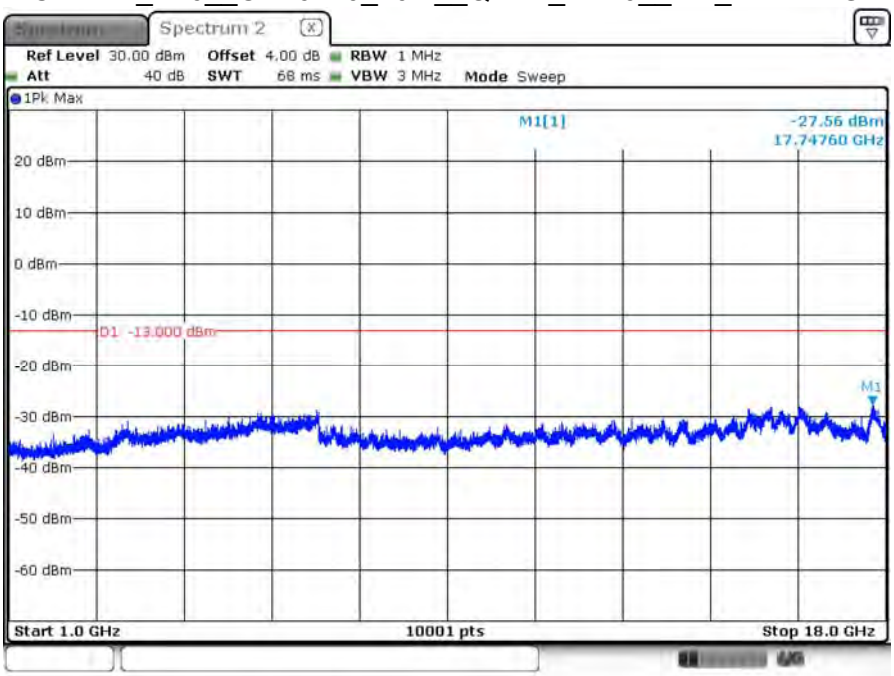


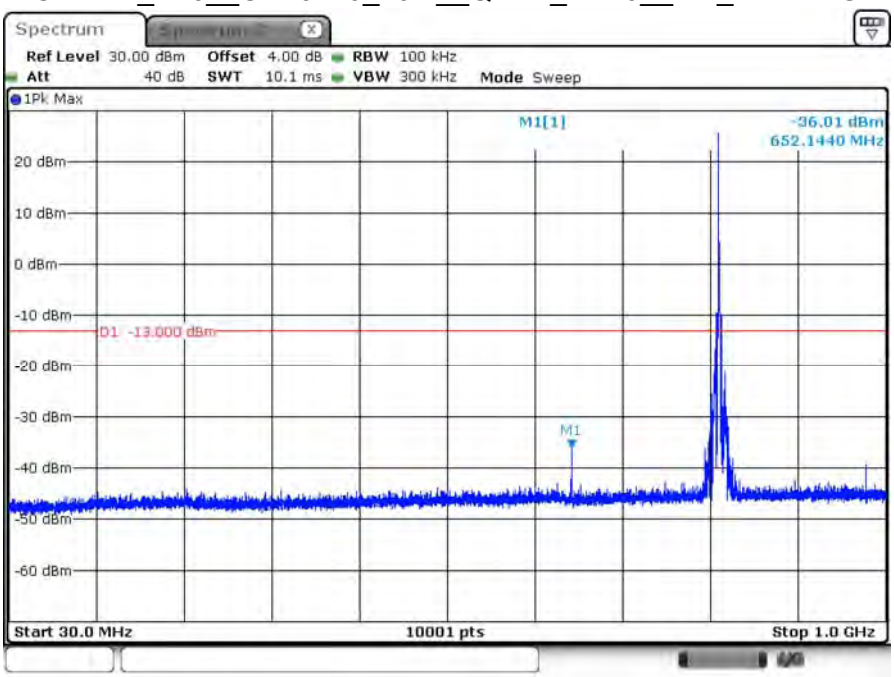
Date: 14.JAN.2021 16:30:22

CAT-M1_B26__CH26740_10M__QPSK_1RB0__low_Above 1G



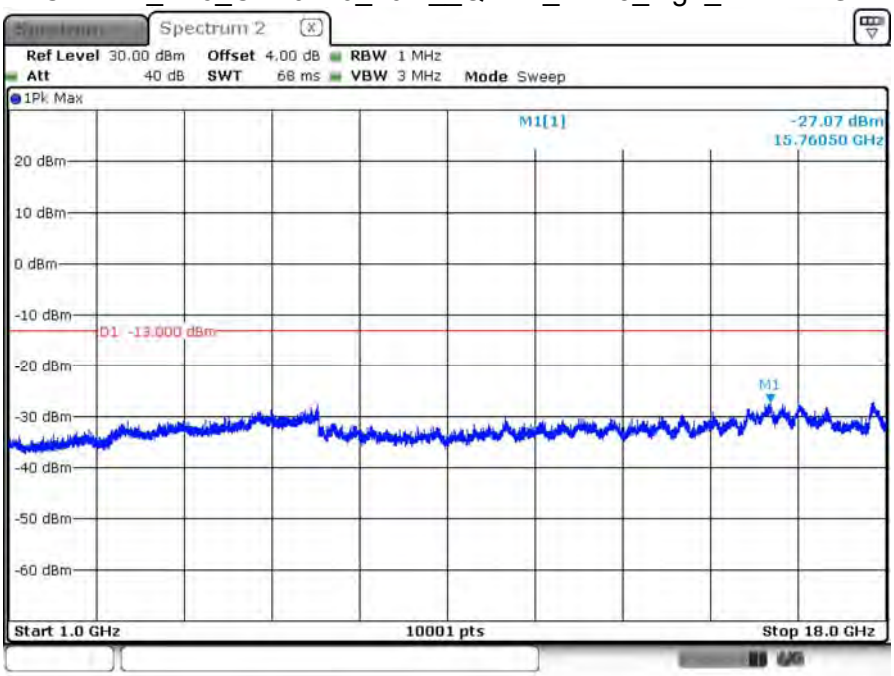
Date: 14.JAN.2021 16:35:34

CAT-M1_B26__CH26740_10M__QPSK_1RB0__low_Below 1G



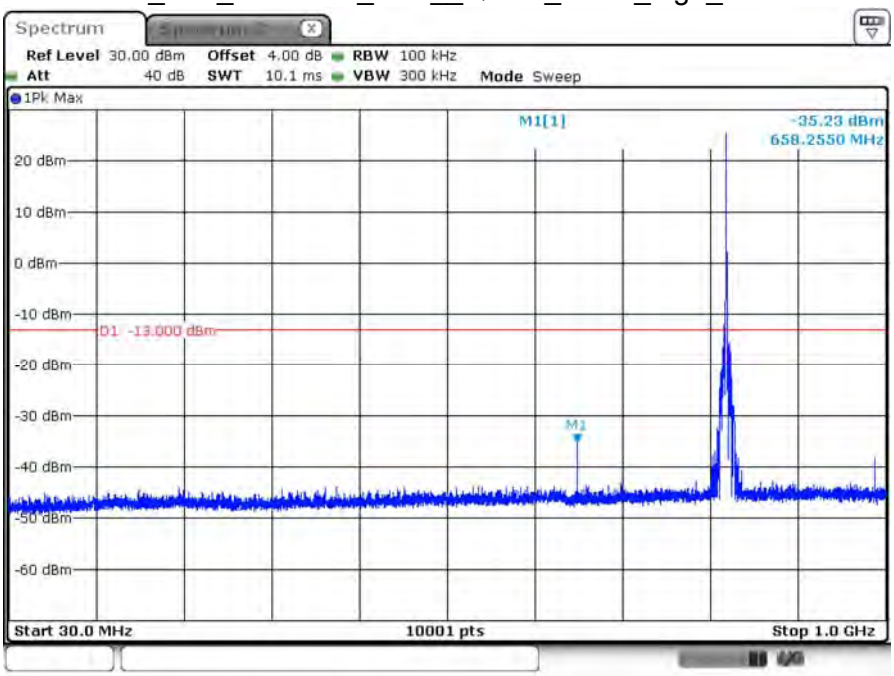
Date: 14.JAN.2021 16:39:19

CAT-M1_B26_CH26740_10M__QPSK_1RB5_high_Above 1G



Date: 14.JAN.2021 16:37:24

CAT-M1_B26_CH26740_10M__QPSK_1RB5_high_Below 1G



Date: 14.JAN.2021 16:40:34

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 1: Band2 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW20M_Ch 18700_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3720.000	-46.88	-13	-33.88	-54.97	12.61	4.52
	5580.000	-36.67	-13	-23.67	-44.11	13.12	5.68
V	3720.000	-51.94	-13	-38.94	-60.03	12.61	4.52
	5580.000	-41.18	-13	-28.18	-48.62	13.12	5.68

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW20M_Ch 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-48.54	-13	-35.54	-56.61	12.60	4.54
	5640.000	-43.22	-13	-30.22	-50.62	13.10	5.70
V	3760.000	-50.03	-13	-37.03	-58.10	12.60	4.54
	5640.000	-46.20	-13	-33.20	-53.60	13.10	5.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW20M_Ch 19100_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3800.000	-46.62	-13	-33.62	-54.67	12.60	4.56
	5700.000	-41.81	-13	-28.81	-49.18	13.08	5.72
V	3800.000	-51.17	-13	-38.17	-59.22	12.60	4.56
	5700.000	-39.84	-13	-26.84	-47.21	13.08	5.72

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 2: Band4 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW20M_Ch 20050_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3440.000	-37.12	-13	-24.12	-45.23	12.48	4.37
	5160.000	-34.68	-13	-21.68	-42.08	12.81	5.41
V	3440.000	-47.33	-13	-34.33	-55.44	12.48	4.37
	5160.000	-44.46	-13	-31.46	-51.86	12.81	5.41

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW20M_Ch 20175_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3465.000	-39.61	-13	-26.61	-47.76	12.53	4.38
	5197.500	-46.43	-13	-33.43	-53.84	12.84	5.43
V	3465.000	-45.42	-13	-32.42	-53.57	12.53	4.38
	5197.500	-44.32	-13	-31.32	-51.73	12.84	5.43

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW20M_Ch 20300_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3490.000	-41.73	-13	-28.73	-49.92	12.59	4.40
	5235.000	-46.52	-13	-33.52	-53.94	12.88	5.46
V	3490.000	-47.38	-13	-34.38	-55.57	12.59	4.40
	5235.000	-44.00	-13	-31.00	-51.42	12.88	5.46

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 3: Band5 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW10M_Ch 20450_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1658.000	-31.52	-13	-18.52	-37.84	9.32	3.00
	2487.000	-51.48	-13	-38.48	-58.38	10.59	3.69
V	1658.000	-40.86	-13	-27.86	-47.18	9.32	3.00
	2487.000	-47.90	-13	-34.90	-54.80	10.59	3.69

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 20525_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1673.000	-36.32	-13	-23.32	-42.67	9.36	3.01
	2509.500	-42.31	-13	-29.31	-49.22	10.62	3.71
	3346.000	-48.20	-13	-35.20	-56.18	12.27	4.30
V	1673.000	-44.46	-13	-31.46	-50.81	9.36	3.01
	2509.500	-51.37	-13	-38.37	-58.28	10.62	3.71

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 20600_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1688.000	-40.31	-13	-27.31	-46.69	9.41	3.02
	2532.000	-38.86	-13	-25.86	-45.79	10.66	3.73
	3376.000	-37.44	-13	-24.44	-45.46	12.34	4.32
	4220.000	-43.06	-13	-30.06	-50.88	12.63	4.81
V	1688.000	-40.31	-13	-27.31	-46.69	9.41	3.02
	2532.000	-38.86	-13	-25.86	-45.79	10.66	3.73
	3376.000	-37.44	-13	-24.44	-45.46	12.34	4.32
	4220.000	-43.06	-13	-30.06	-50.88	12.63	4.81

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 4: Band12 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW10M_Ch 23060_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1408.000	-39.09	-13	-26.09	-44.65	8.31	2.75
	2112.000	-56.56	-13	-43.56	-63.56	10.41	3.41
	2816.000	-48.48	-13	-35.48	-55.74	11.18	3.92
V	1408.000	-39.46	-13	-26.46	-45.02	8.31	2.75

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 23095_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1415.000	-39.05	-13	-26.05	-44.65	8.35	2.75
	2122.500	-51.58	-13	-38.58	-58.57	10.41	3.42
	2830.000	-51.58	-13	-38.58	-58.86	11.21	3.93
	3537.500	-44.70	-13	-31.70	-52.88	12.61	4.43
V	1415.000	-39.73	-13	-26.73	-45.33	8.35	2.75

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 23130_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1422.000	-30.37	-13	-17.37	-36.00	8.39	2.76
	2133.000	-50.55	-13	-37.55	-57.54	10.42	3.42
	2844.000	-50.55	-13	-37.55	-57.85	11.23	3.94
	3555.000	-42.90	-13	-29.90	-51.07	12.61	4.44
V	1422.000	-30.37	-13	-17.37	-36.00	8.39	2.76
	2133.000	-50.55	-13	-37.55	-57.54	10.42	3.42
	2844.000	-50.55	-13	-37.55	-57.85	11.23	3.94
	3555.000	-42.90	-13	-29.90	-51.07	12.61	4.44

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 5: Band13 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW10M_Ch 23230_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1564.000	-41.08	-40	-1.08	-47.21	9.03	2.91
	2346.000	-40.08	-13	-27.08	-47.02	10.52	3.59
	3128.000	-44.63	-13	-31.63	-52.29	11.80	4.14
	3910.000	-37.08	-13	-24.08	-45.07	12.60	4.61
V	1564.000	-45.60	-40	-5.60	-51.73	9.03	2.91
	2346.000	-44.08	-13	-31.08	-51.02	10.52	3.59
	3128.000	-43.40	-13	-30.40	-51.06	11.80	4.14
	3910.000	-43.40	-13	-30.40	-51.39	12.60	4.61

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 23230_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1564.000	-40.49	-40	-0.49	-46.62	9.03	2.91
	2346.000	-41.16	-13	-28.16	-48.10	10.52	3.59
	3128.000	-42.57	-13	-29.57	-50.23	11.80	4.14
	3910.000	-40.04	-13	-27.04	-48.03	12.60	4.61
V	1564.000	-41.24	-40	-1.24	-47.37	9.03	2.91
	2346.000	-43.21	-13	-30.21	-50.15	10.52	3.59
	3128.000	-44.72	-13	-31.72	-52.38	11.80	4.14
	3910.000	-41.35	-13	-28.35	-49.34	12.60	4.61

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 6: Band26_Part22 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW10M_Ch 26740_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1638.000	-38.53	-13	-25.53	-44.81	9.26	2.98
	2457.000	-43.27	-13	-30.27	-50.18	10.58	3.67
	3276.000	-43.27	-13	-30.27	-51.15	12.12	4.25
V	1638.000	-44.66	-13	-31.66	-50.94	9.26	2.98
	2457.000	-49.46	-13	-36.46	-56.37	10.58	3.67
	3276.000	-49.46	-13	-36.46	-57.34	12.12	4.25

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 26740_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1638.000	-33.00	-13	-20.00	-39.28	9.26	2.98
	2457.000	-42.10	-13	-29.10	-49.01	10.58	3.67
	3276.000	-43.13	-13	-30.13	-51.01	12.12	4.25
V	1638.000	-42.93	-13	-29.93	-49.21	9.26	2.98
	2457.000	-48.86	-13	-35.86	-55.77	10.58	3.67
	3276.000	-47.55	-13	-34.55	-55.43	12.12	4.25

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	Connectivity Module		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 7: Band26_Part90 Link		
Date of Test	2021/05/04	Test Site	CB2-H
Temperature (°C)	20.6	Humidity	52.3

BW10M_Ch 26865_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1663.000	-32.00	-13	-19.00	-38.33	9.33	3.00
	2494.500	-40.97	-13	-27.97	-47.87	10.60	3.70
	3326.000	-44.88	-13	-31.88	-52.83	12.23	4.28
V	1663.000	-40.44	-13	-27.44	-46.77	9.33	3.00
	2494.500	-43.28	-13	-30.28	-50.18	10.60	3.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW10M_Ch 26915_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1673.000	-32.47	-13	-19.47	-38.82	9.36	3.01
	2509.500	-55.79	-13	-42.79	-62.70	10.62	3.71
	3346.000	-49.38	-13	-36.38	-57.36	12.27	4.30
V	1673.000	-36.75	-13	-23.75	-43.10	9.36	3.01
	2509.500	-47.45	-13	-34.45	-54.36	10.62	3.71

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

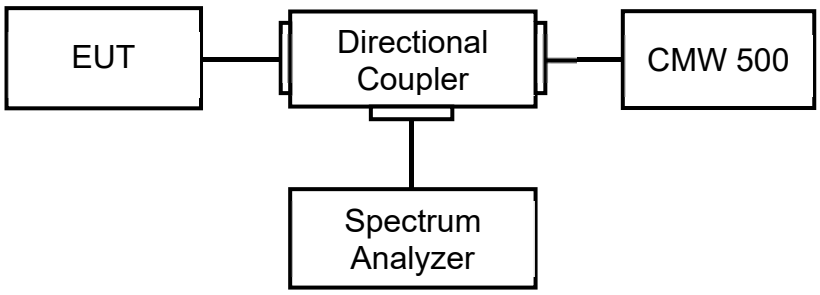
BW10M_Ch 26965_QPSK_1RB5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1683.000	-42.03	-13	-29.03	-48.40	9.39	3.02
	2524.500	-37.73	-13	-24.73	-44.65	10.65	3.72
	3366.000	-40.88	-13	-27.88	-48.89	12.32	4.31
	4207.500	-45.29	-13	-32.29	-53.12	12.62	4.80
V	1683.000	-42.61	-13	-29.61	-48.98	9.39	3.02
	2524.500	-48.60	-13	-35.60	-55.52	10.65	3.72
	3366.000	-51.86	-13	-38.86	-59.87	12.32	4.31

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

7. Spurious Emissions at Antenna Terminals

7.1. Test Setup



7.2. Test Procedure

a) Place the EUT on a bench and set it in transmitting mode.
b) Connect a low loss RF cable from the antenna port to a spectrum analyzer and CMW500 by a Directional Couple.
c) EUT Communicate with CMW500, then select a channel for testing.
d) Add a correction factor to the display of spectrum, and then test.
e) The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic.

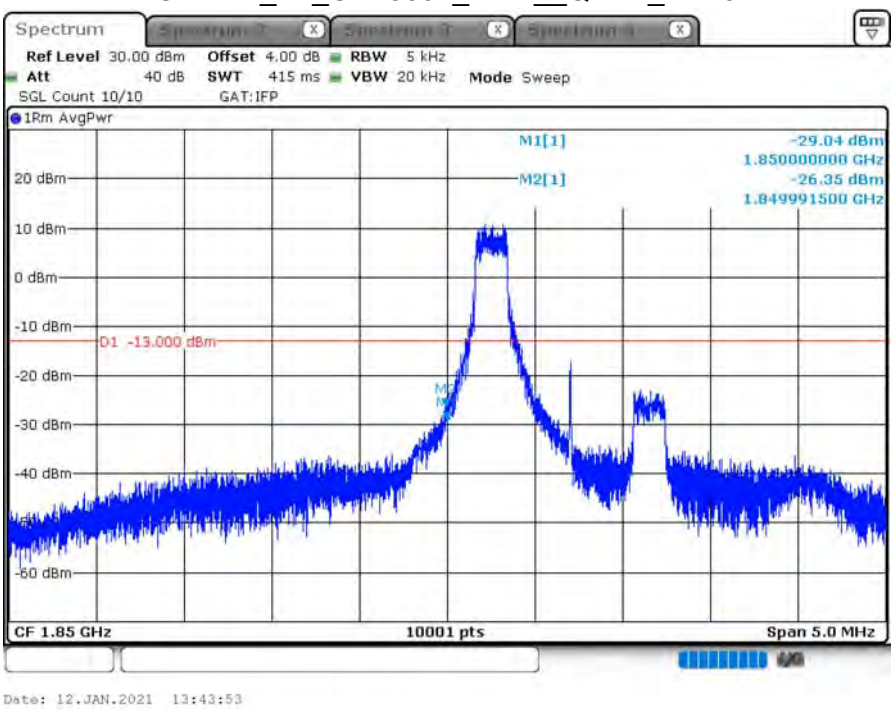
7.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 6.1
ANSI C63.26: 2015 Sub-clause 5.7

7.4. Test Result

Product	Connectivity Module		
Test Item	Spurious Emissions at Antenna Terminals		
Test Mode	Mode 1: Band2 Link		
Date of Test	2021/01/12	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	58

CAT-M1_B2_CH18607_1.4M__QPSK_1RB0



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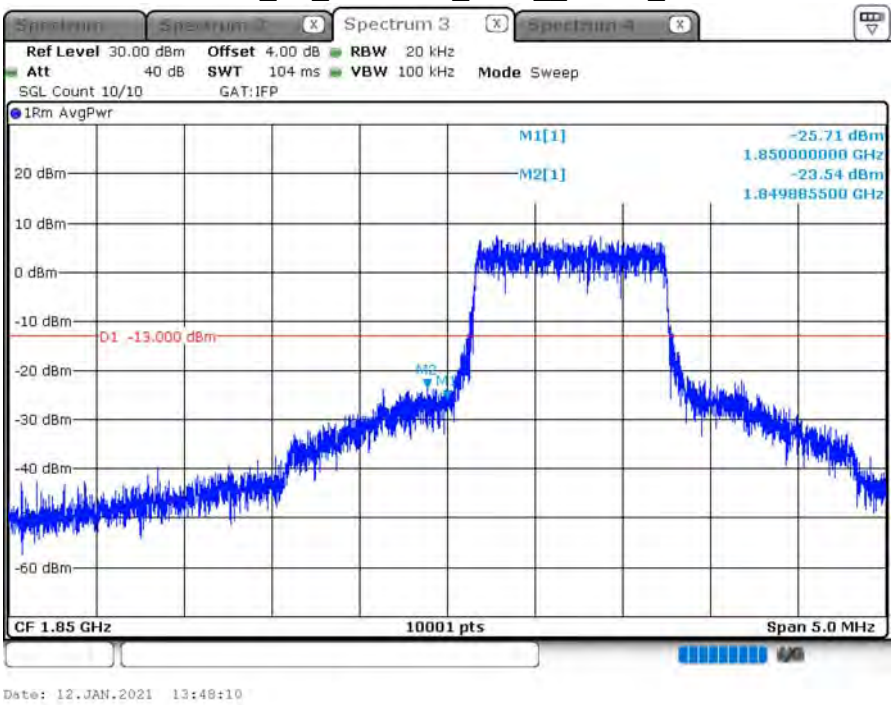

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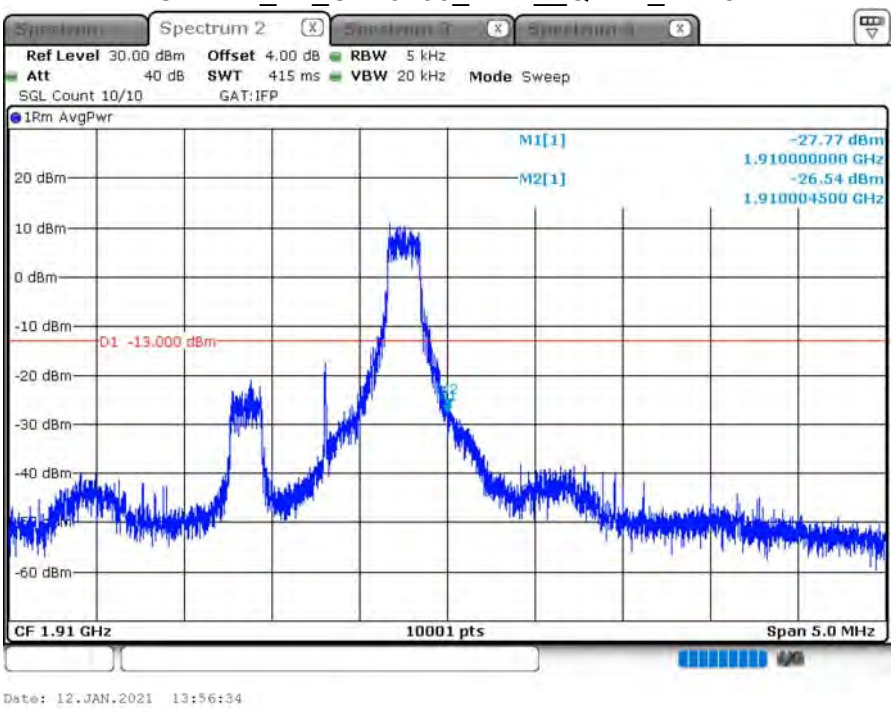

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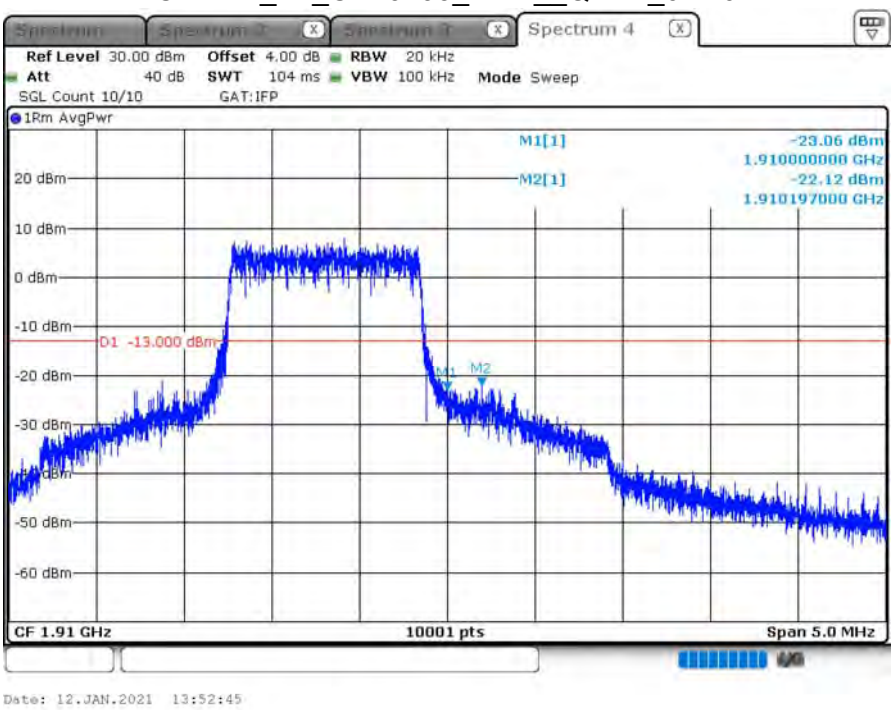

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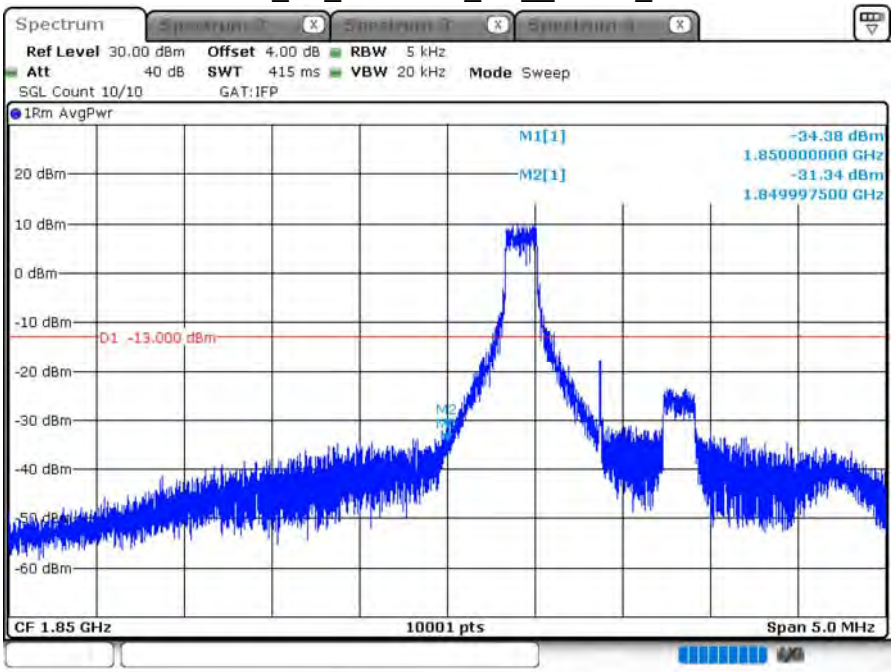

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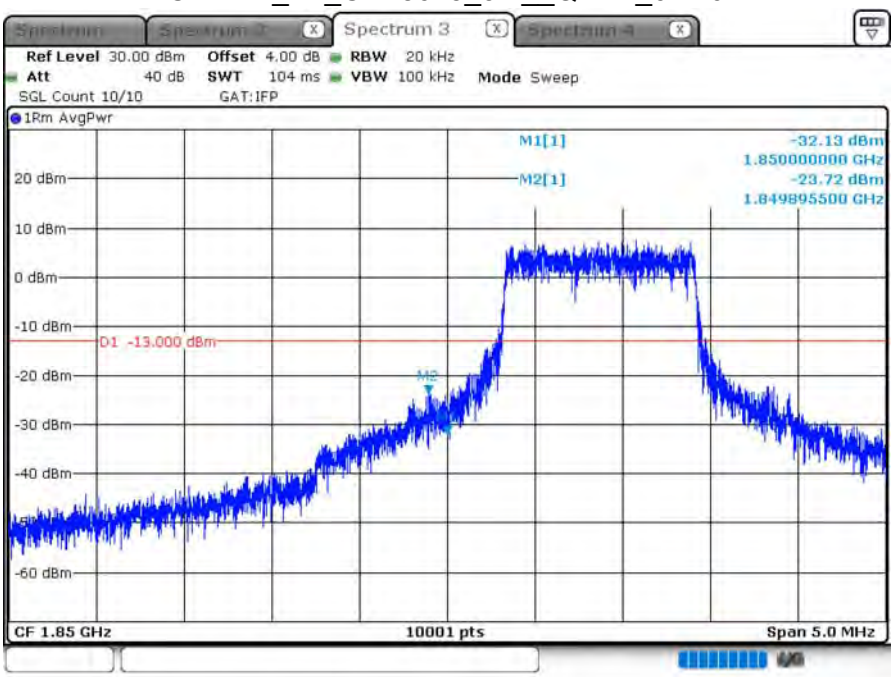

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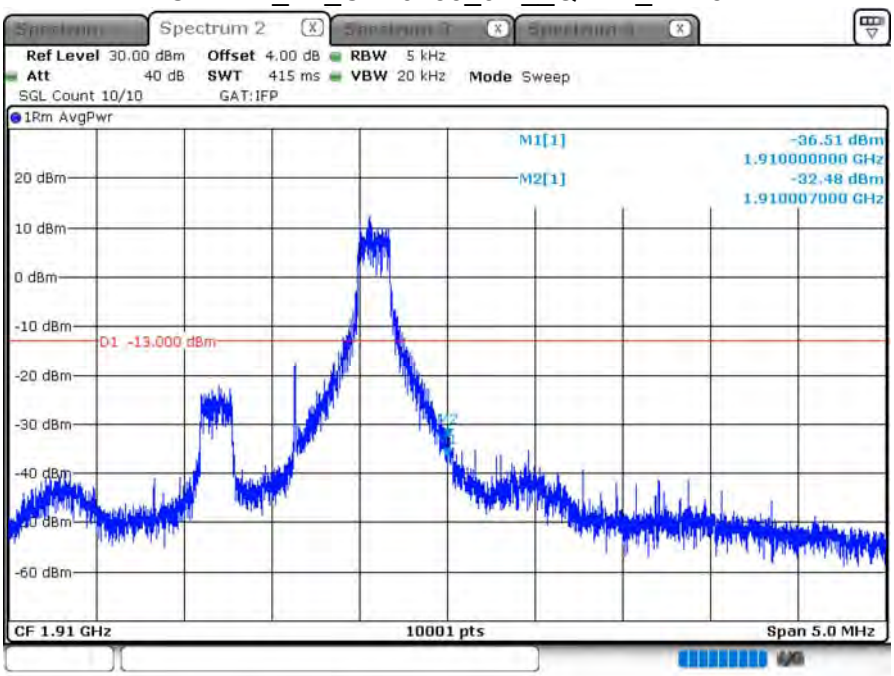

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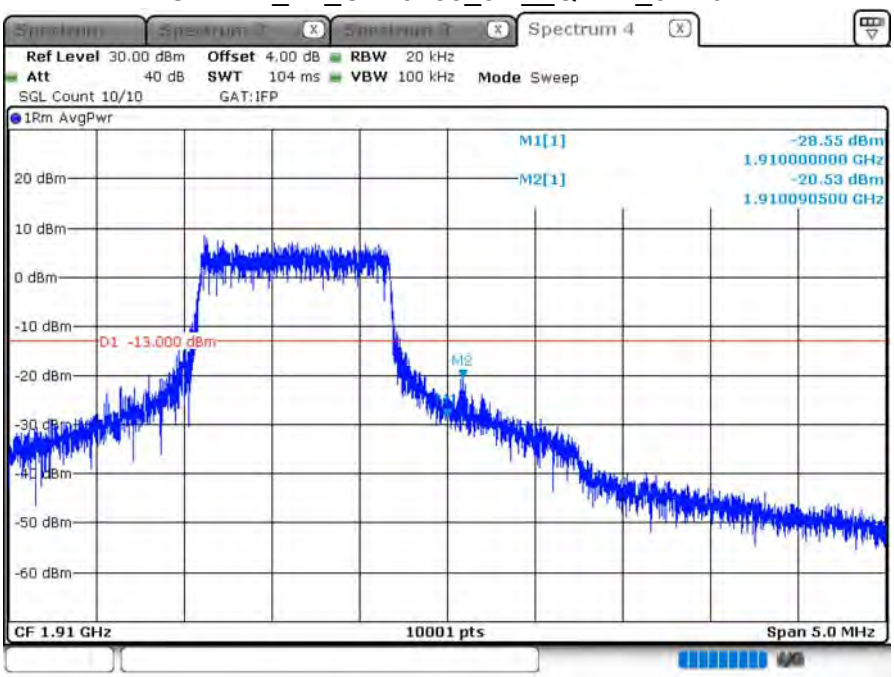

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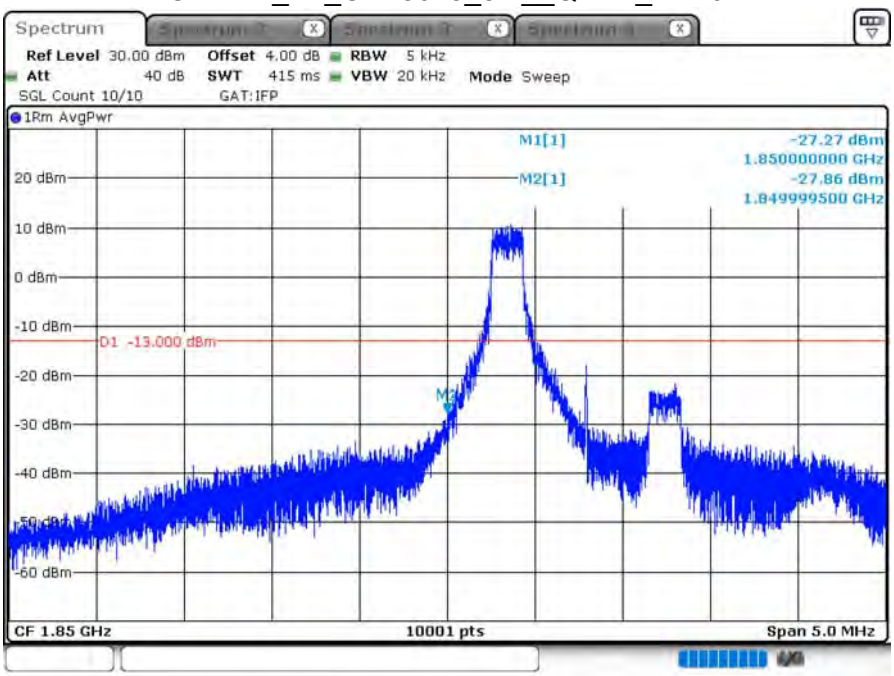

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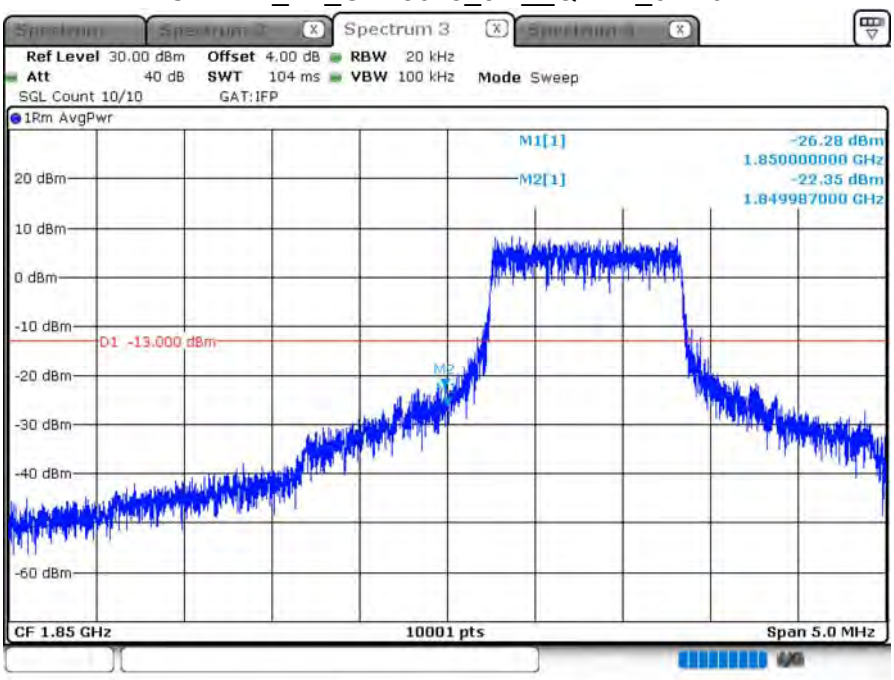

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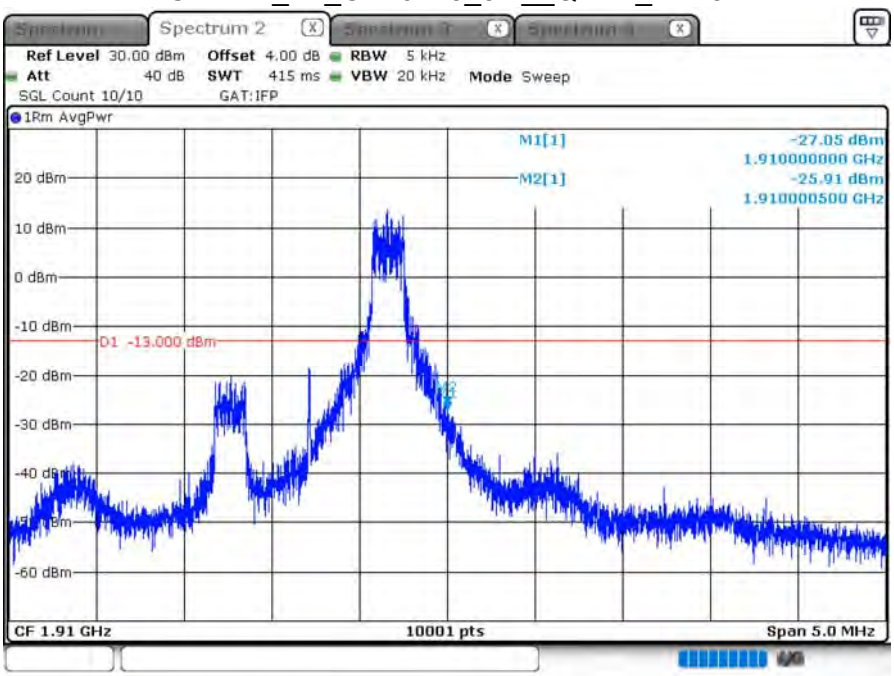

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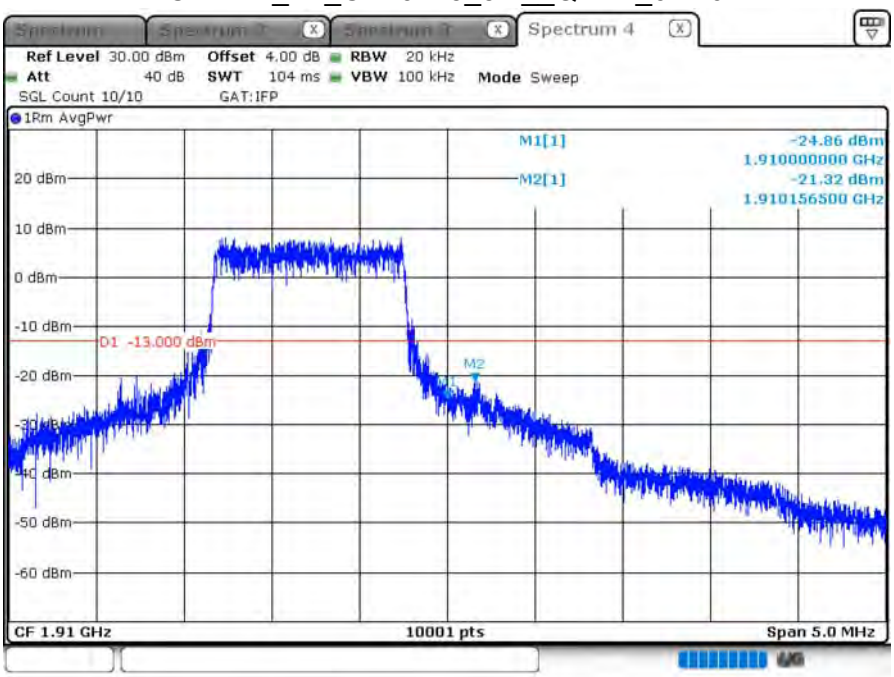

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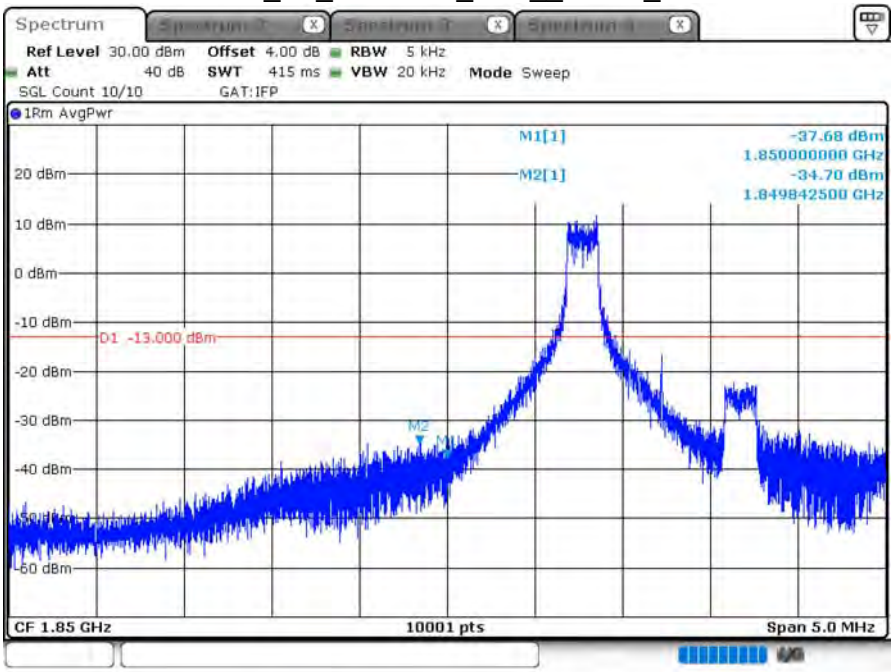

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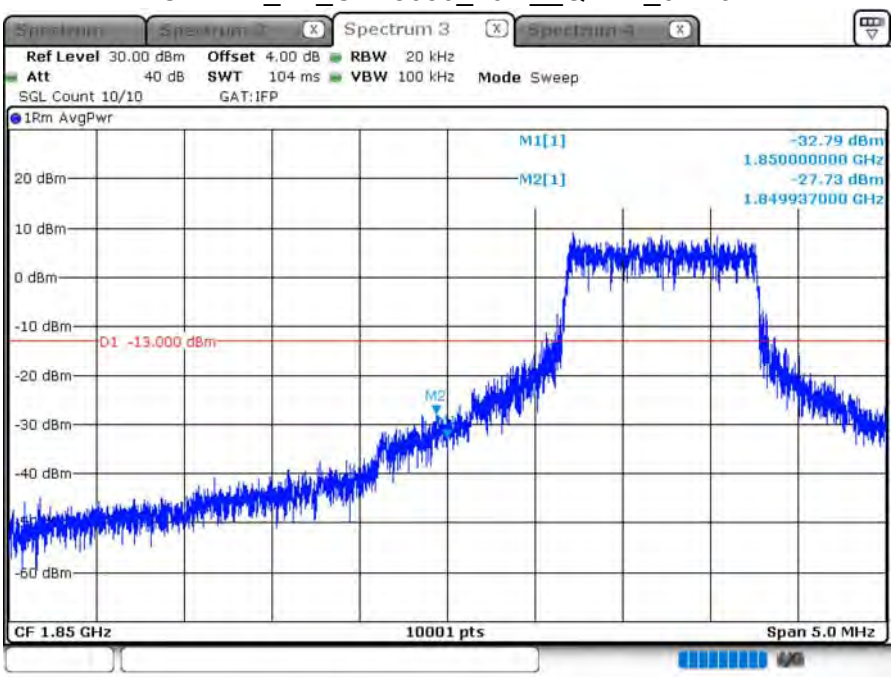

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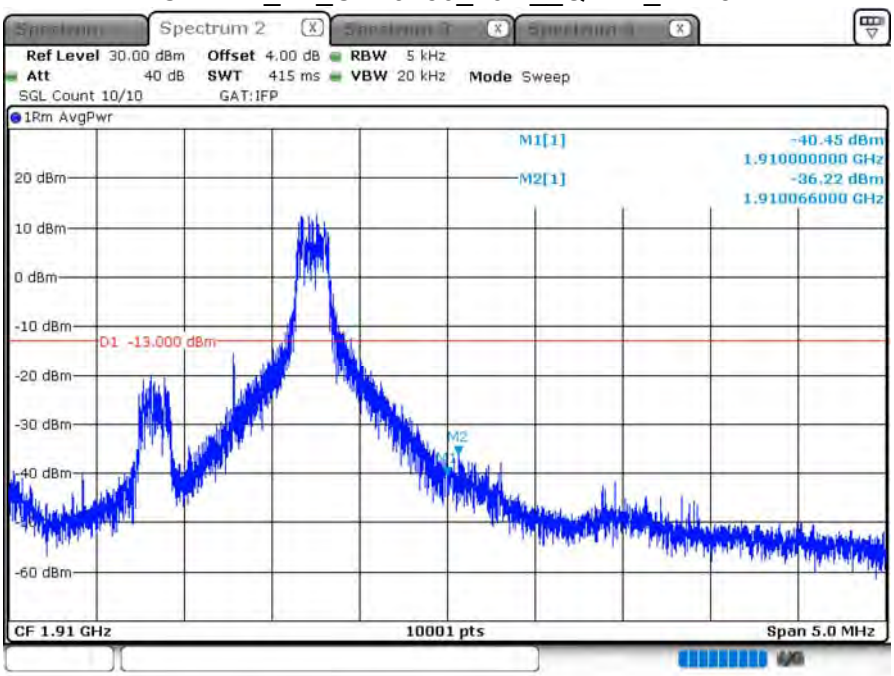

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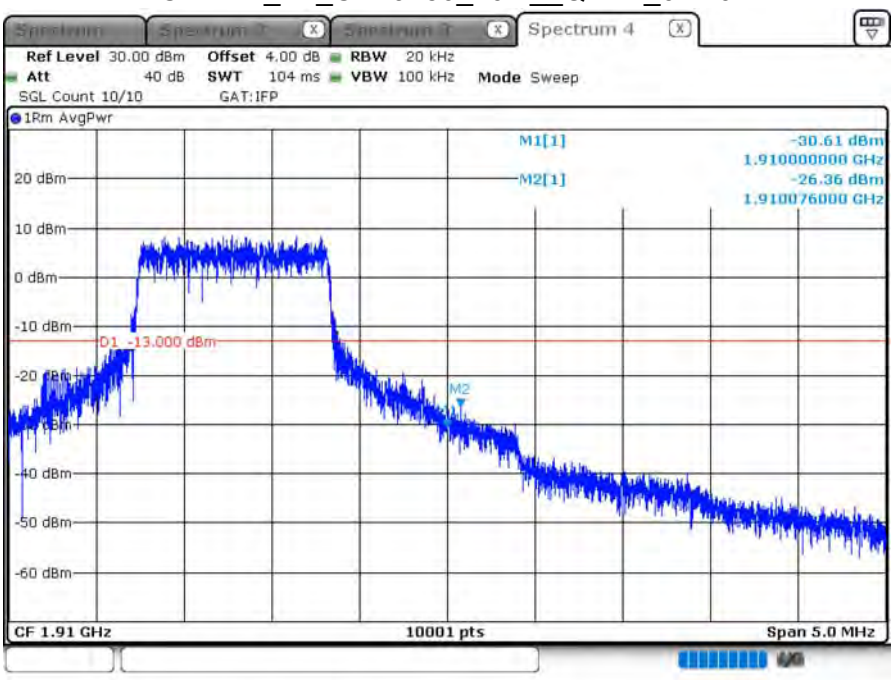
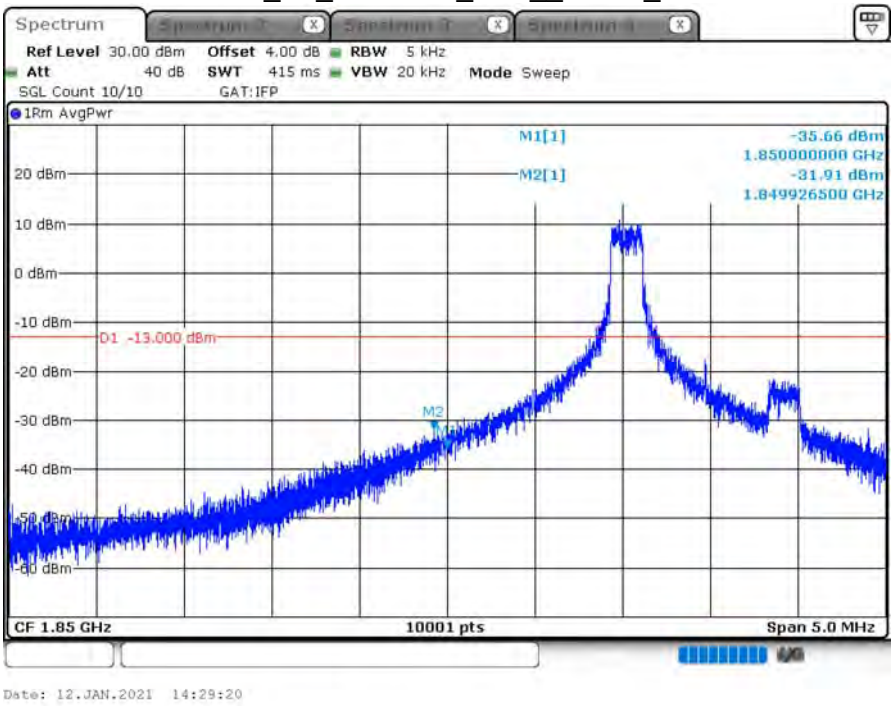


CAT-M1_B2_CH18675_15M__QPSK_1RB0



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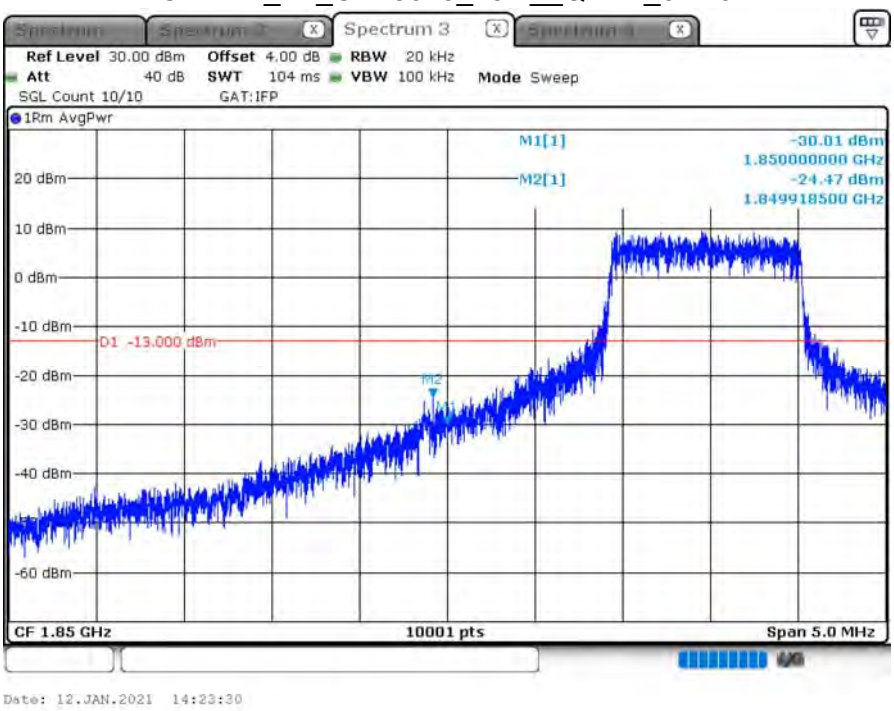
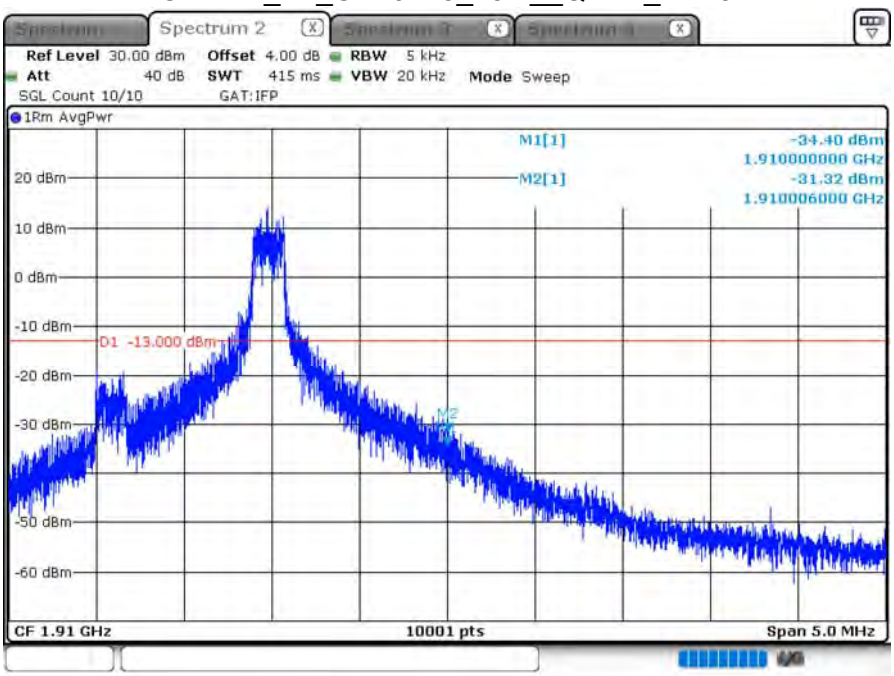
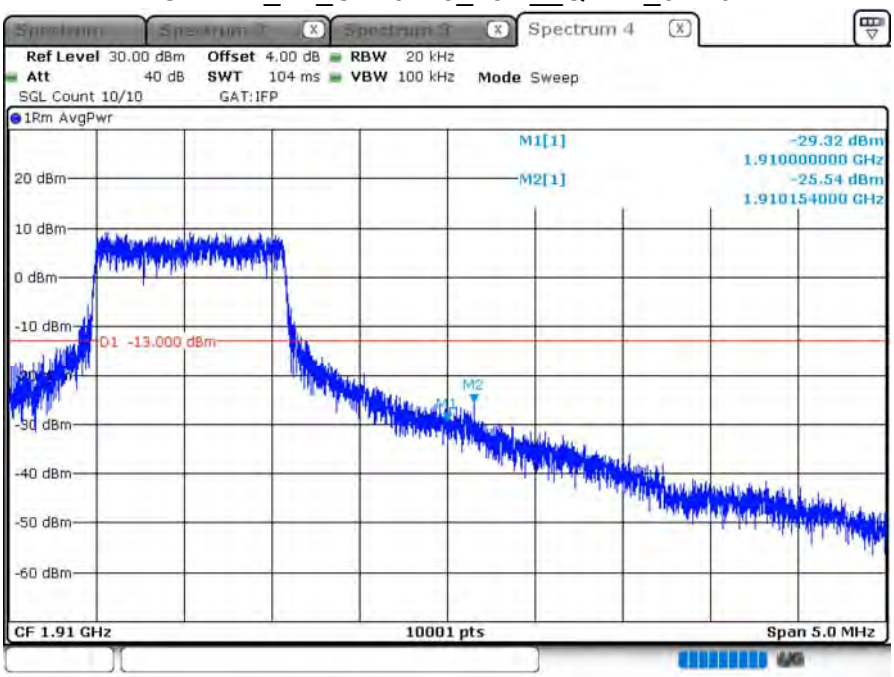


CAT-M1_B2_CH19125_15M__QPSK_1RB5



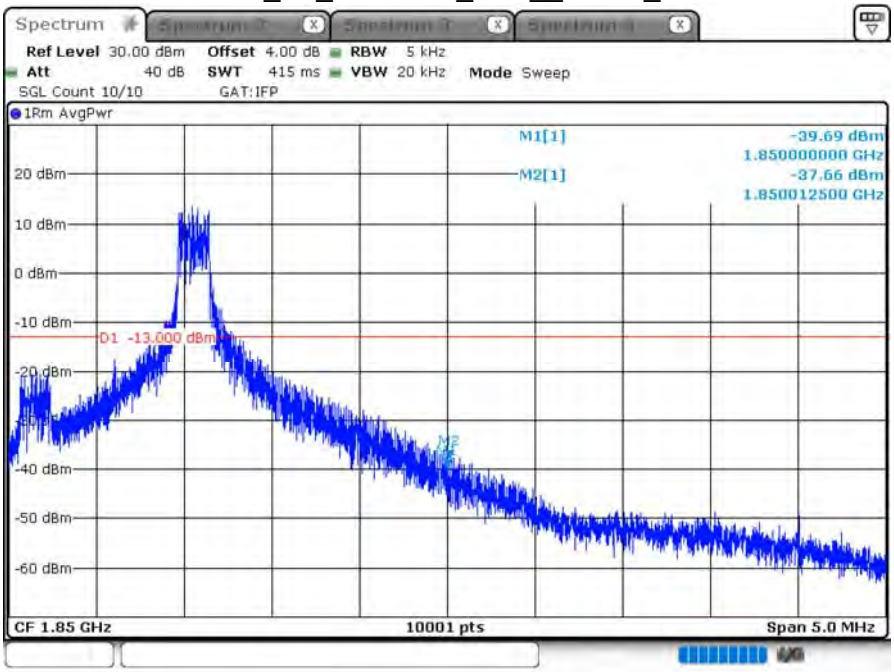
Date: 12.JAN.2021 14:31:56

CAT-M1_B2_CH19125_15M__QPSK_6RB0

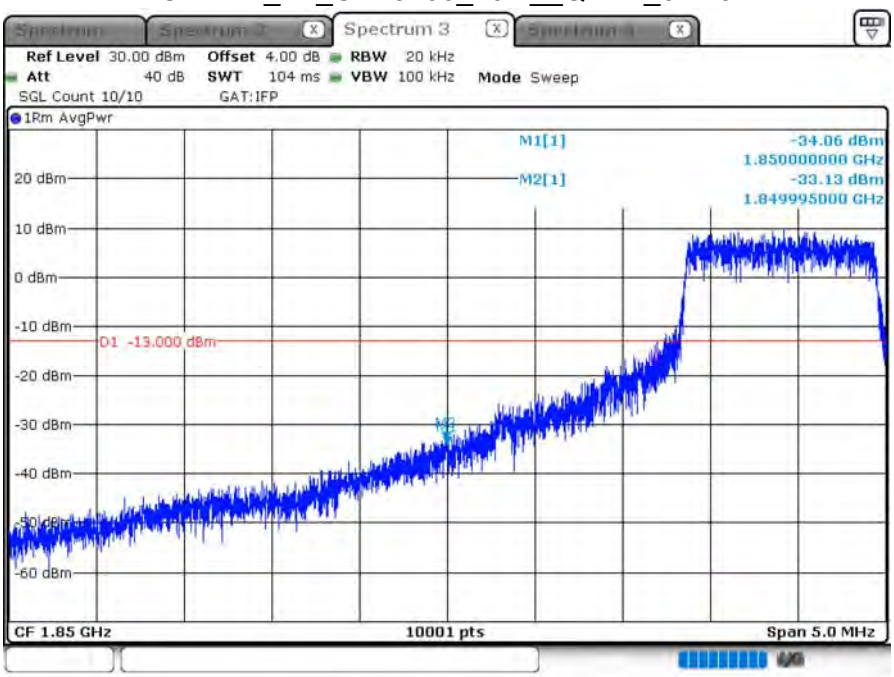


Date: 12.JAN.2021 14:33:17

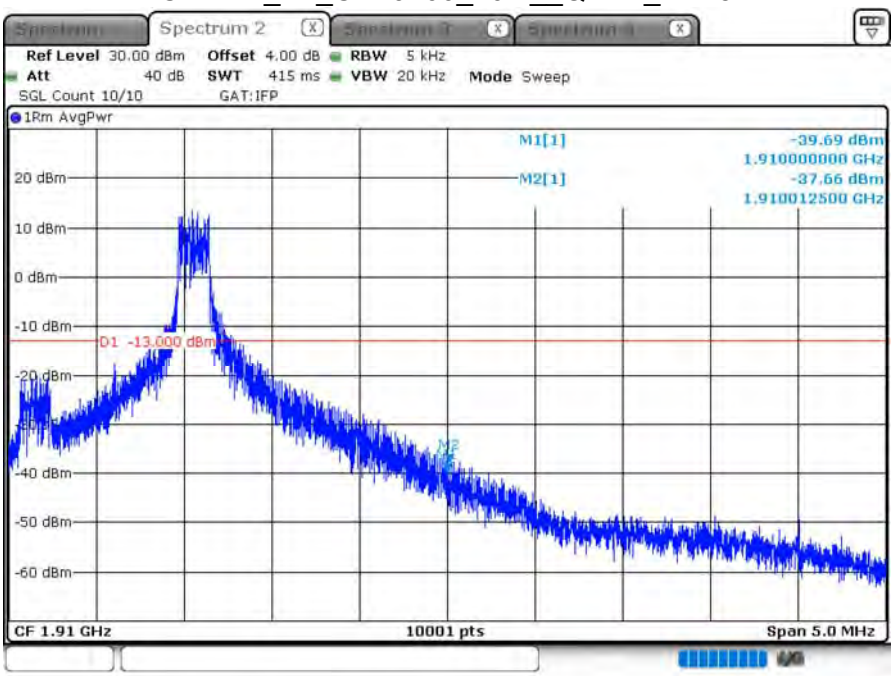
CAT-M1_B2_CH18700_20M__QPSK_1RB0



CAT-M1_B2_CH18700_20M__QPSK_6RB0



CAT-M1_B2_CH19100_20M__QPSK_1RB5



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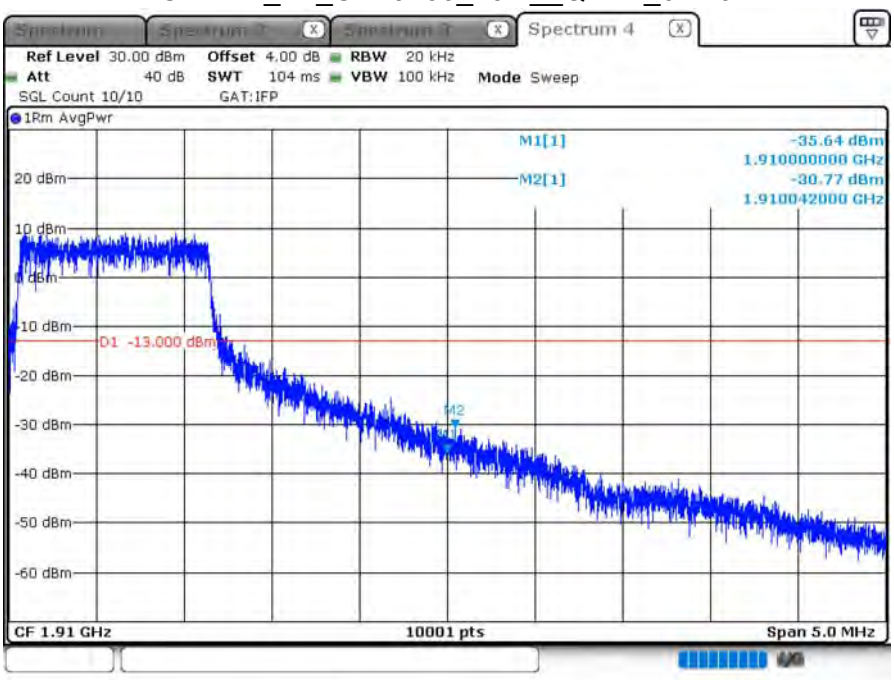
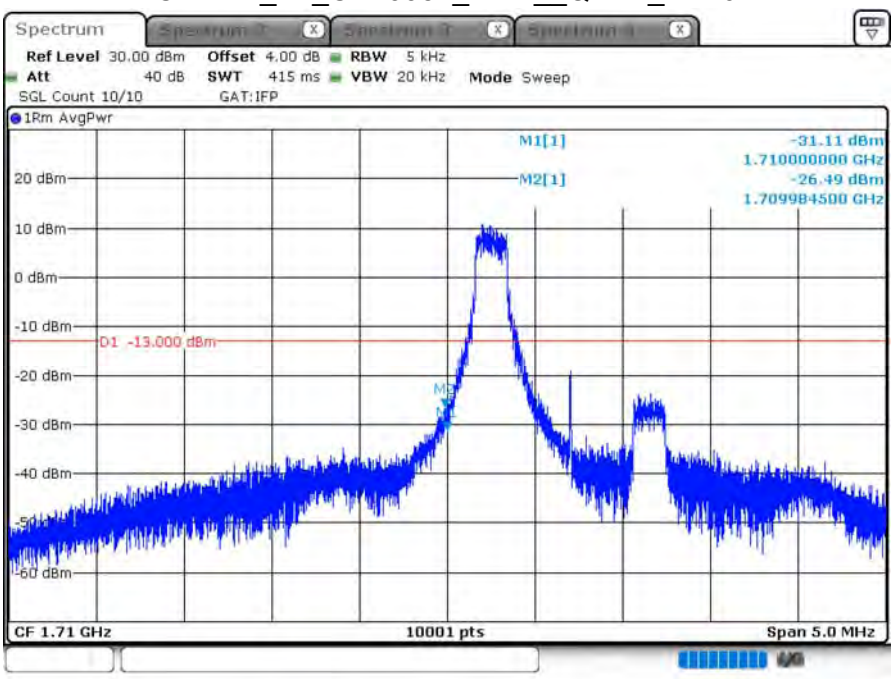


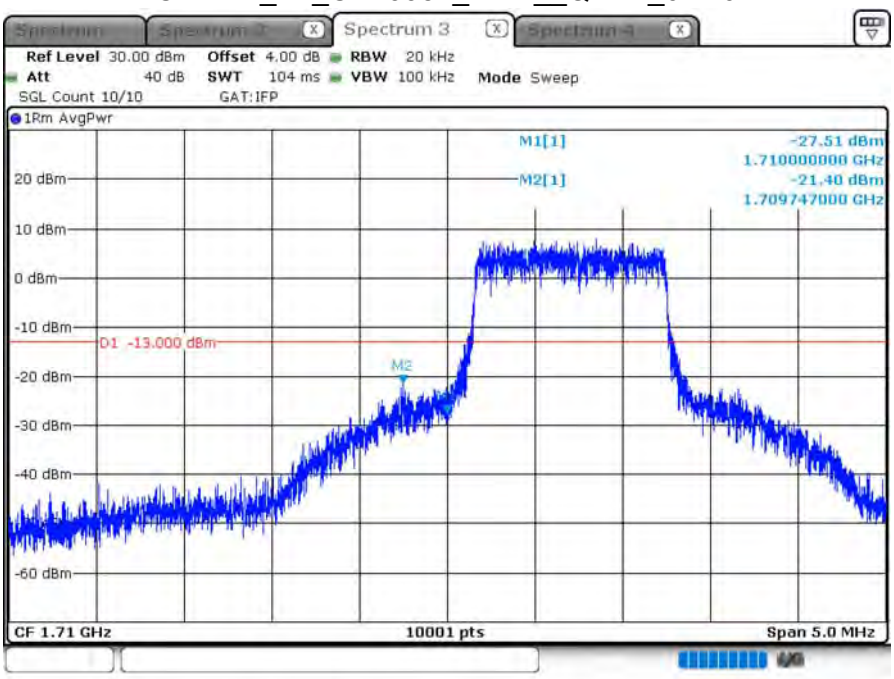
Product	Connectivity Module		
Test Item	Spurious Emissions at Antenna Terminals		
Test Mode	Mode 2: Band4 Link		
Date of Test	2021/01/12	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	58

CAT-M1_B4_CH19957_1.4M__QPSK_1RB0



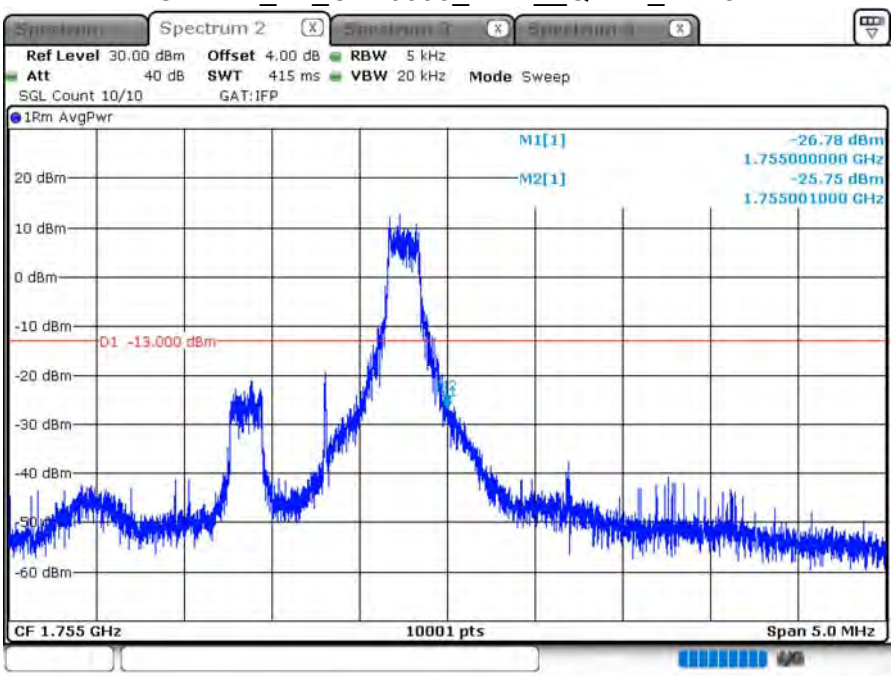
Date: 12.JAN.2021 14:50:02

CAT-M1_B4_CH19957_1.4M__QPSK_6RB0



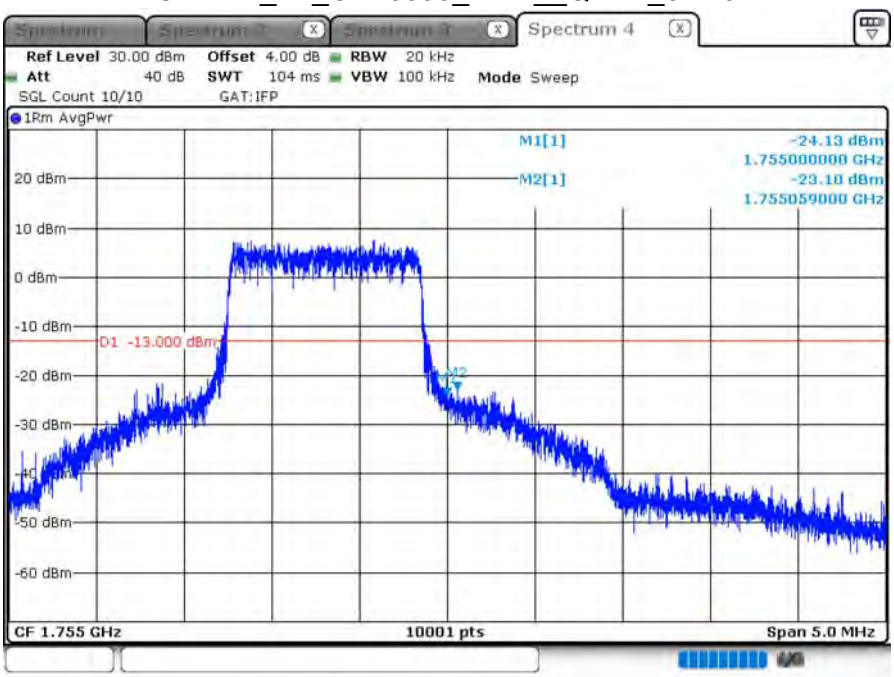
Date: 12.JAN.2021 14:53:15

CAT-M1_B4_CH20393_1.4M__QPSK_1RB5



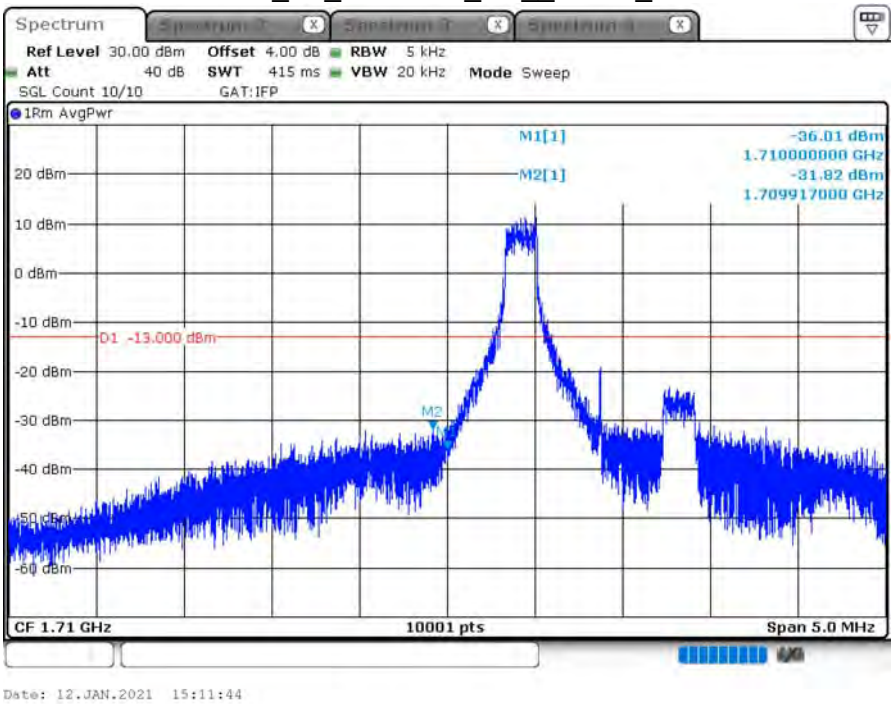
Date: 12.JAN.2021 15:05:04

CAT-M1_B4_CH20393_1.4M__QPSK_6RB0

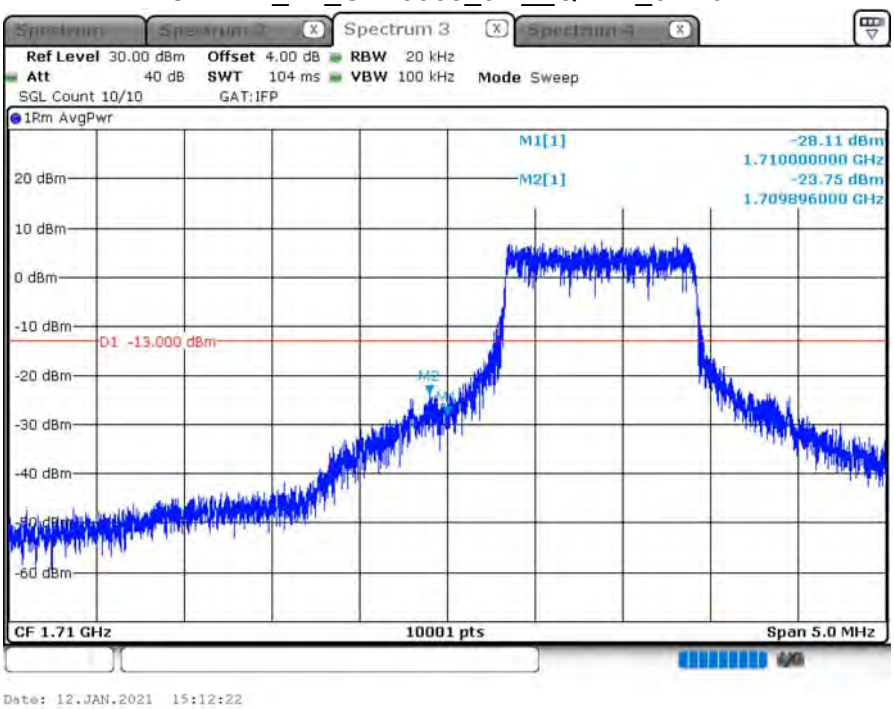


Date: 12.JAN.2021 14:54:24

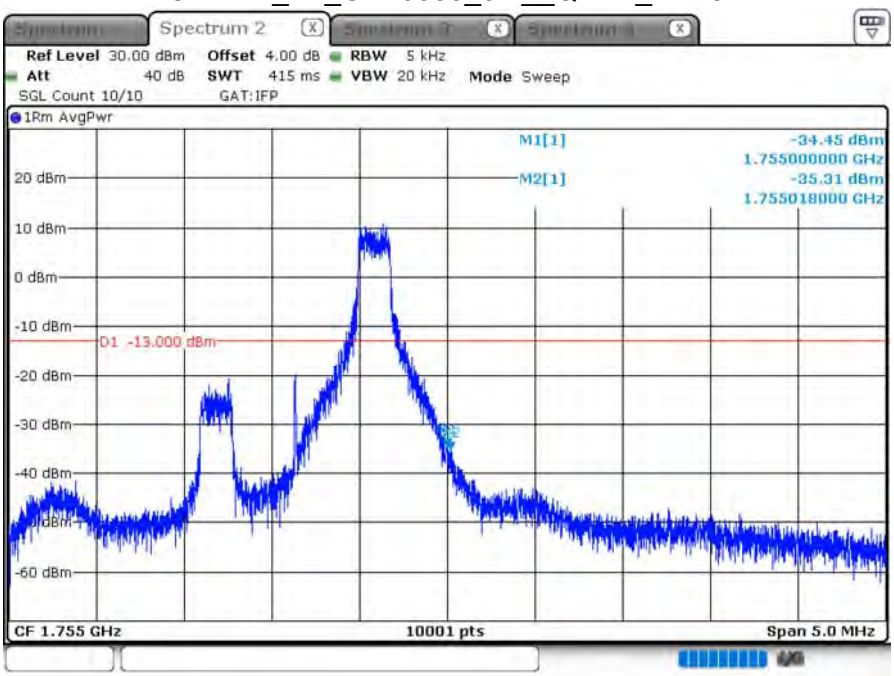
CAT-M1_B4_CH19965_3M__QPSK_1RB0



CAT-M1_B4_CH19965_3M__QPSK_6RB0



CAT-M1_B4_CH20385_3M__QPSK_1RB5



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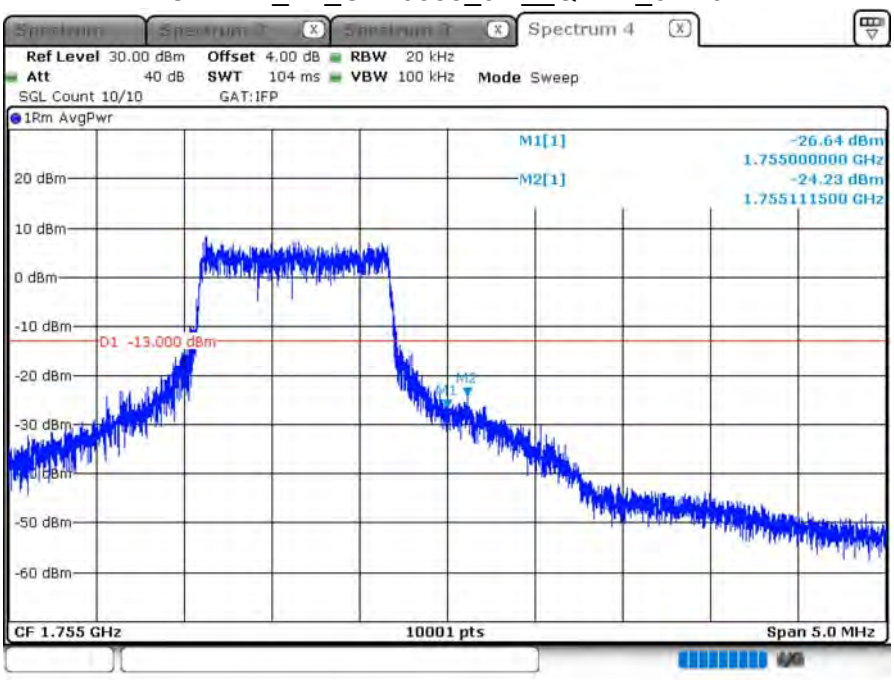
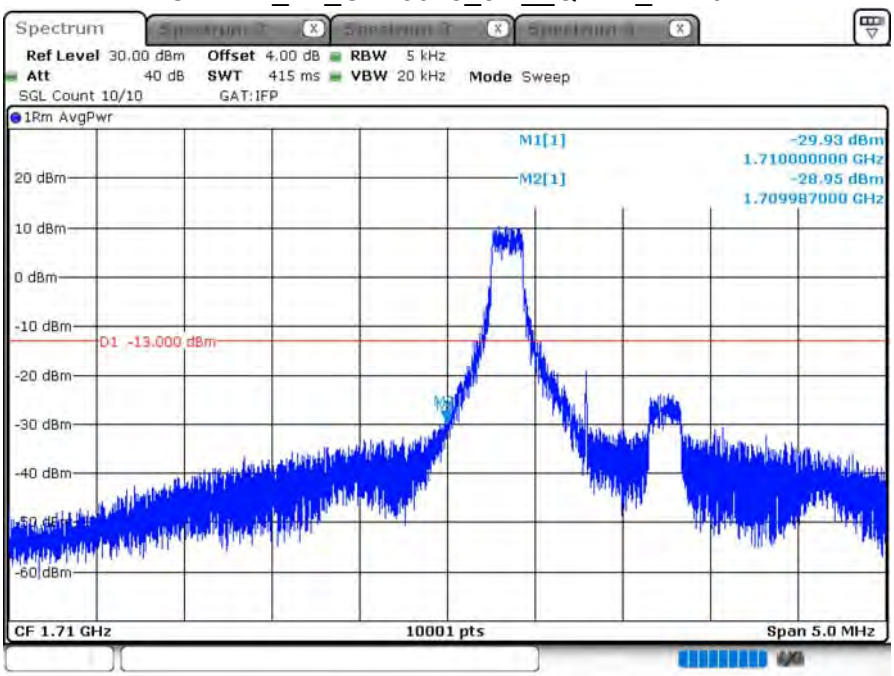
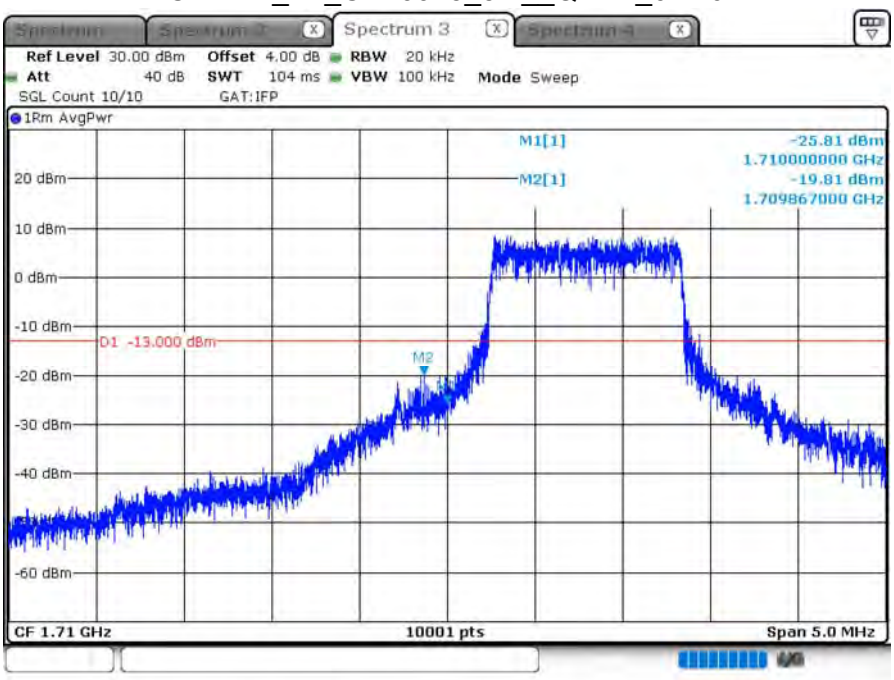


CAT-M1_B4_CH19975_5M__QPSK_1RB0



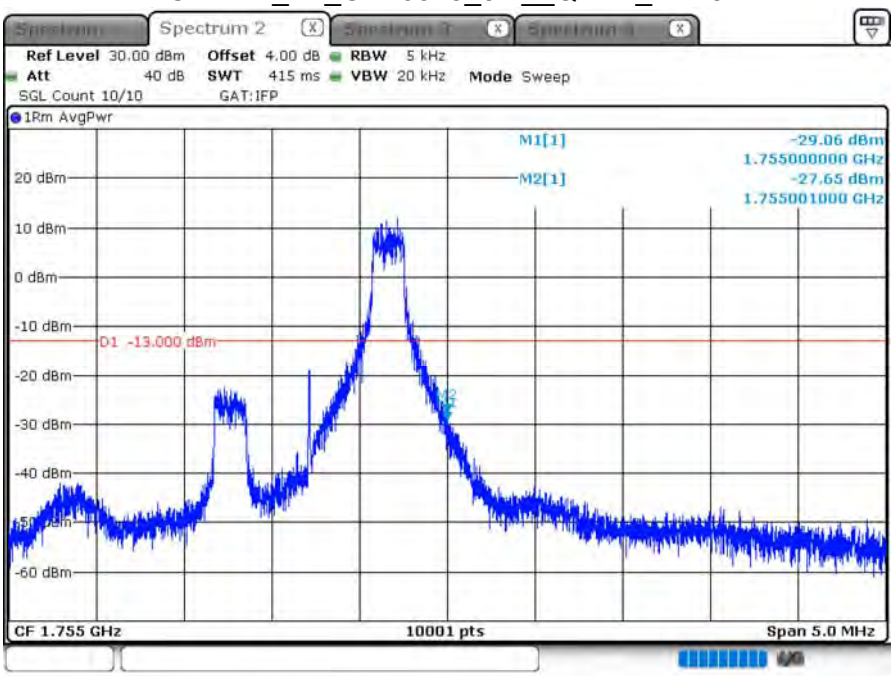
Date: 12.JAN.2021 15:14:52

CAT-M1_B4_CH19975_5M__QPSK_6RB0



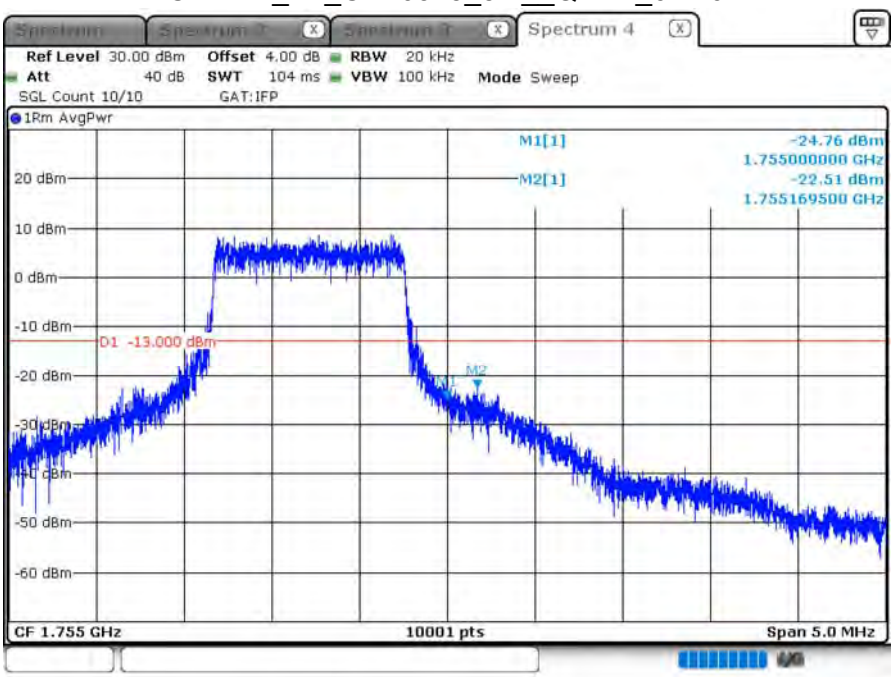
Date: 12.JAN.2021 15:13:25

CAT-M1_B4_CH20375_5M__QPSK_1RB5



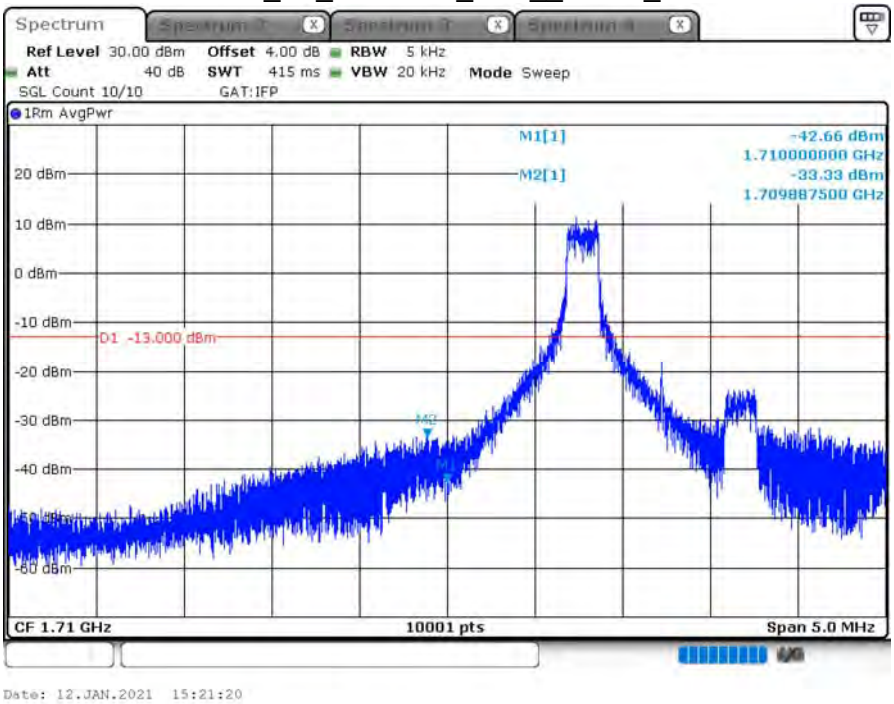
Date: 12.JAN.2021 15:17:02

CAT-M1_B4_CH20375_5M__QPSK_6RB0



Date: 12.JAN.2021 15:17:45

CAT-M1_B4_CH20000_10M__QPSK_1RB0



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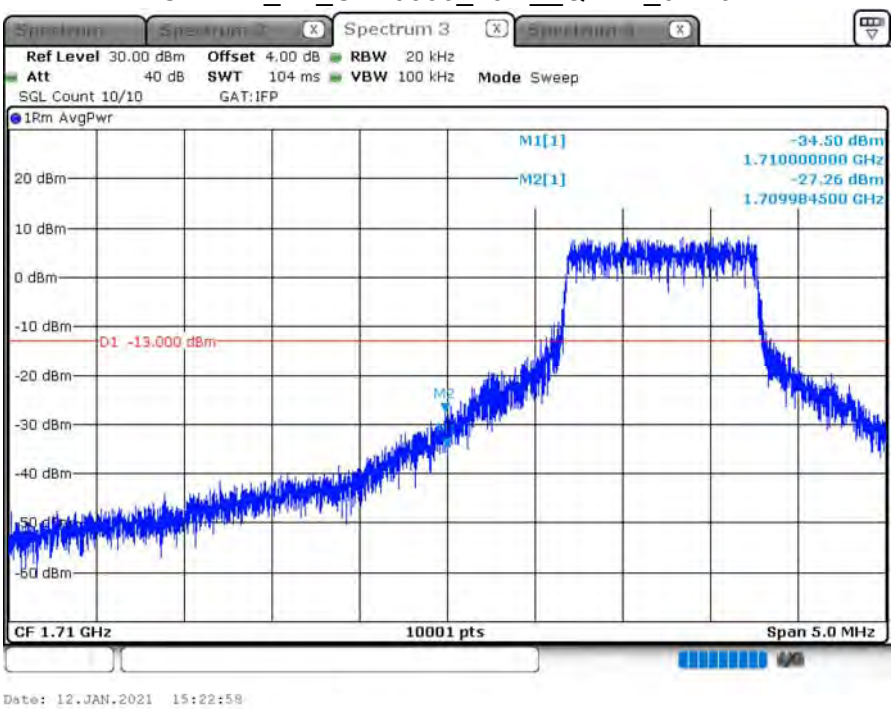
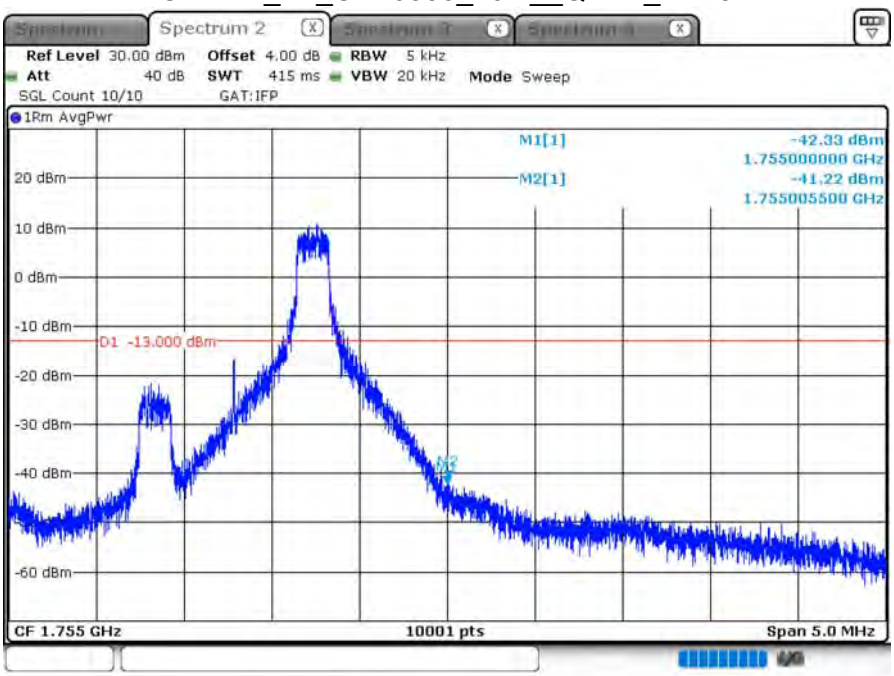
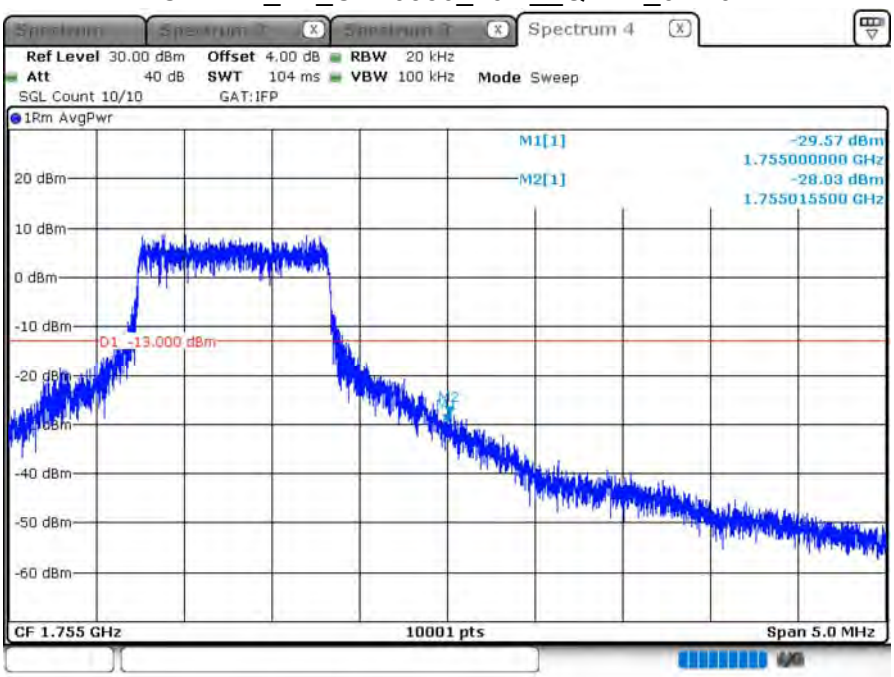


CAT-M1_B4_CH20350_10M__QPSK_1RB5



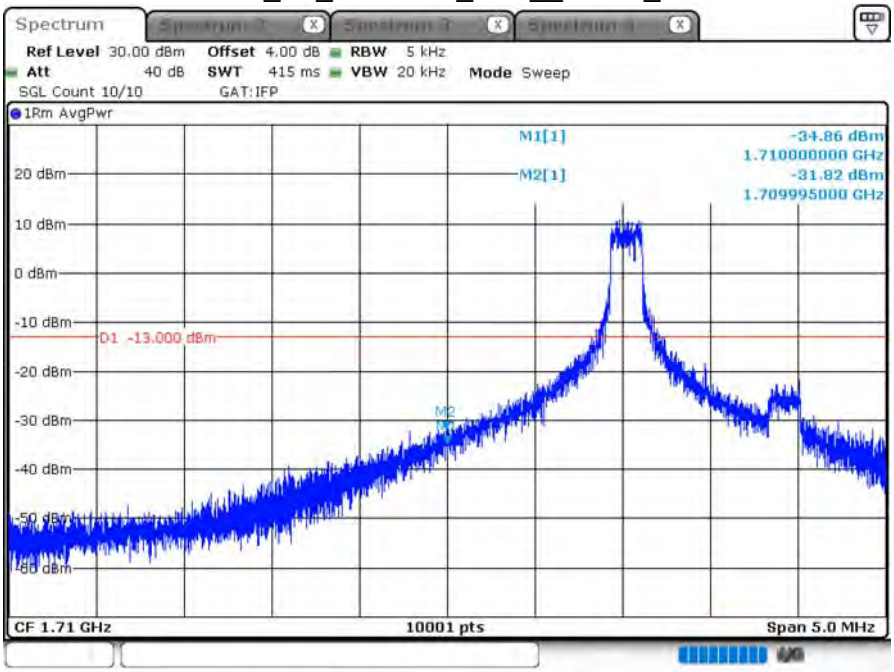
Date: 12.JAN.2021 15:19:59

CAT-M1_B4_CH20350_10M__QPSK_6RB0



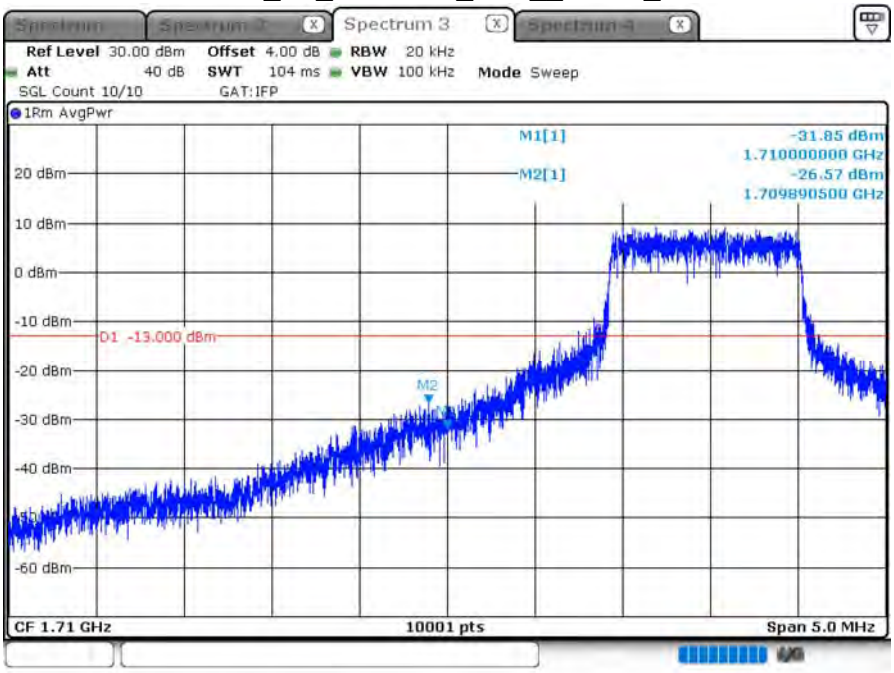
Date: 12.JAN.2021 15:19:12

CAT-M1_B4_CH20025_15M__QPSK_1RB0



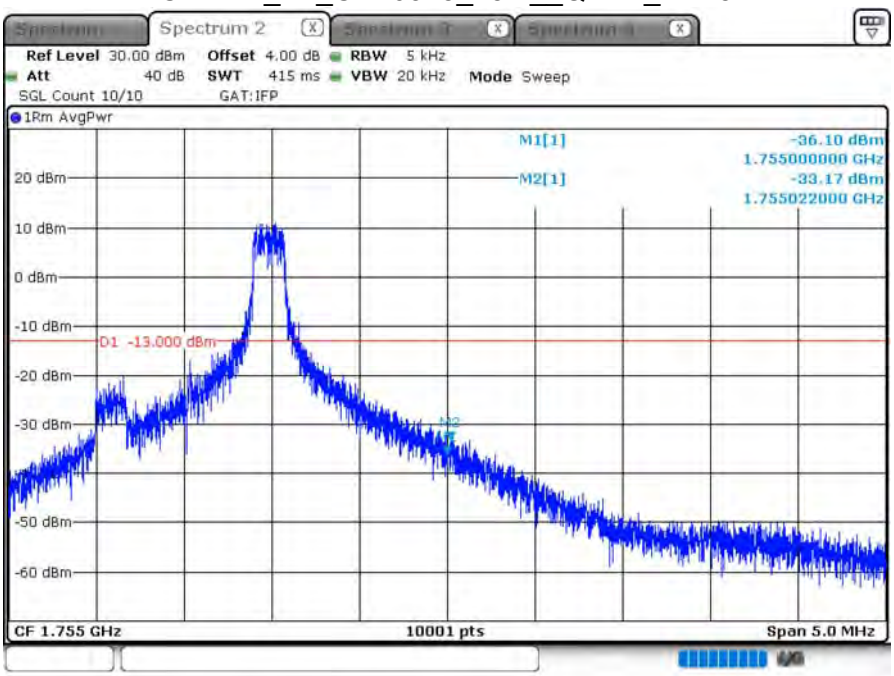
Date: 12.JAN.2021 15:27:50

CAT-M1_B4_CH20025_15M__QPSK_6RB0



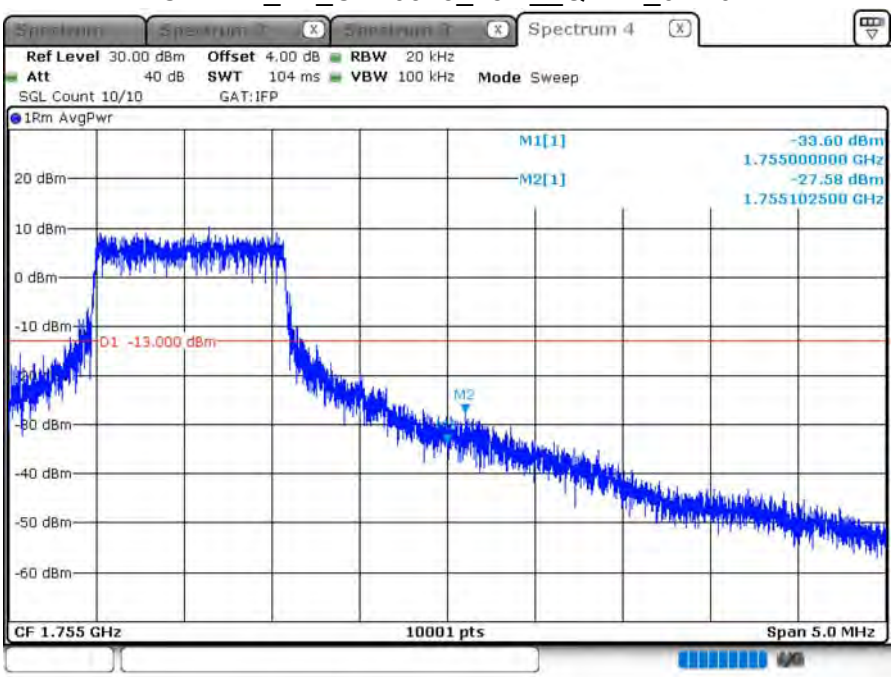
Date: 12.JAN.2021 15:25:05

CAT-M1_B4_CH20325_15M__QPSK_1RB5



Date: 12.JAN.2021 15:28:45

CAT-M1_B4_CH20325_15M__QPSK_6RB0



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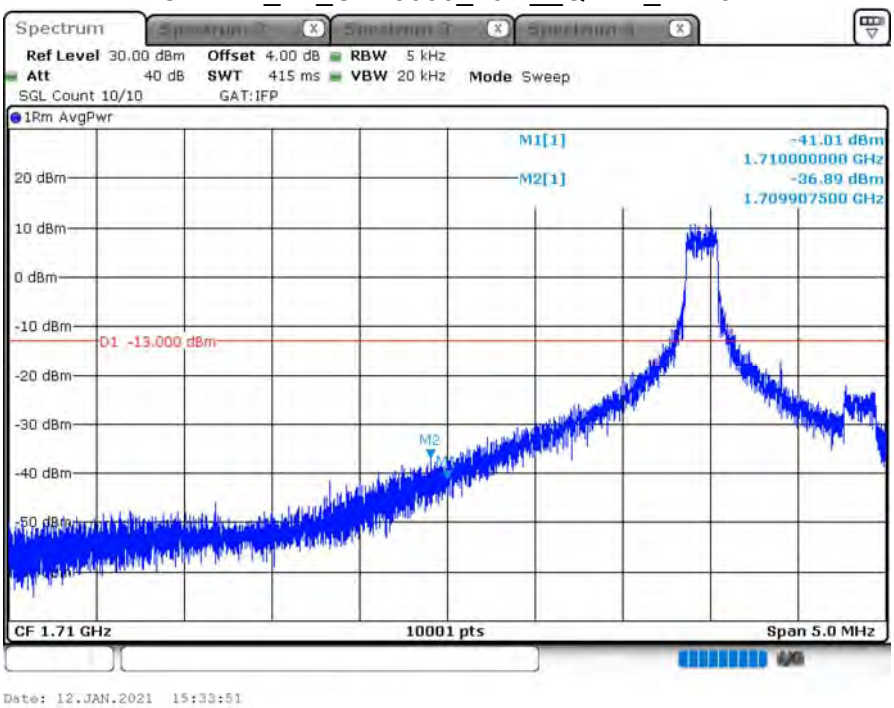
CAT-M1_B4_CH20050_20M__QPSK_1RB0



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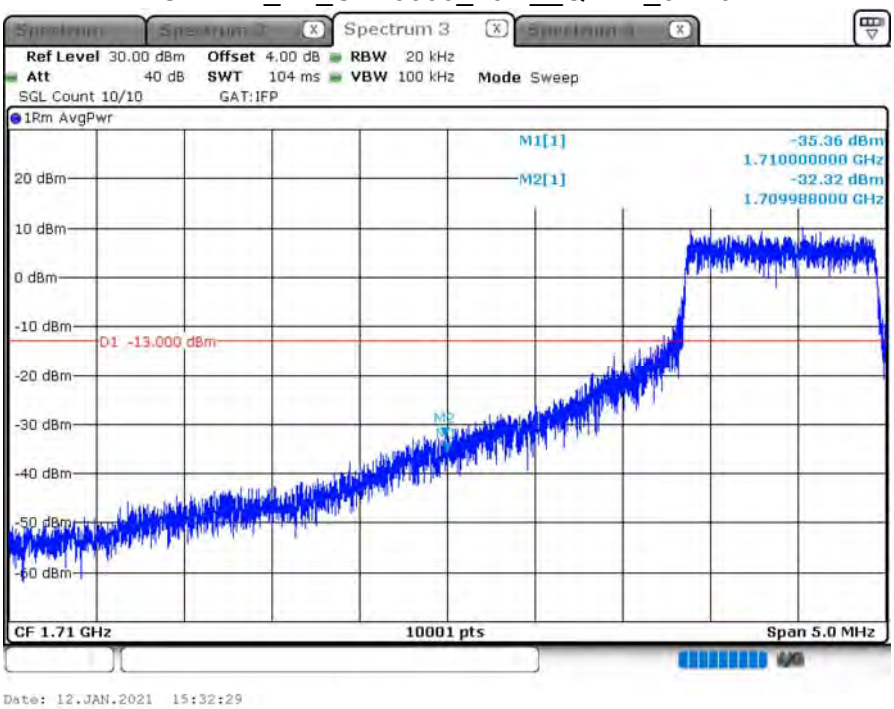
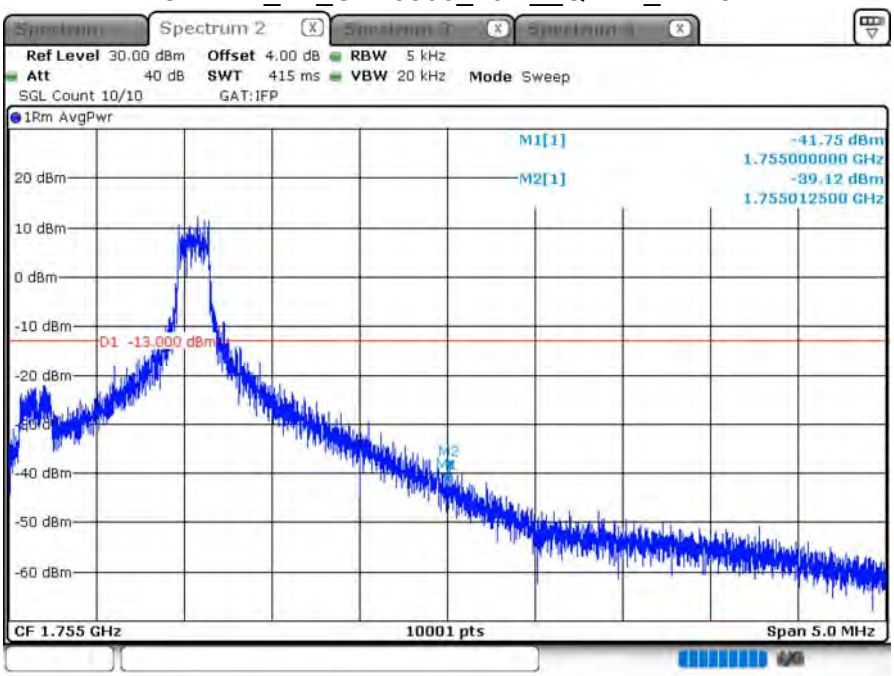


CAT-M1_B4_CH20300_20M__QPSK_1RB5



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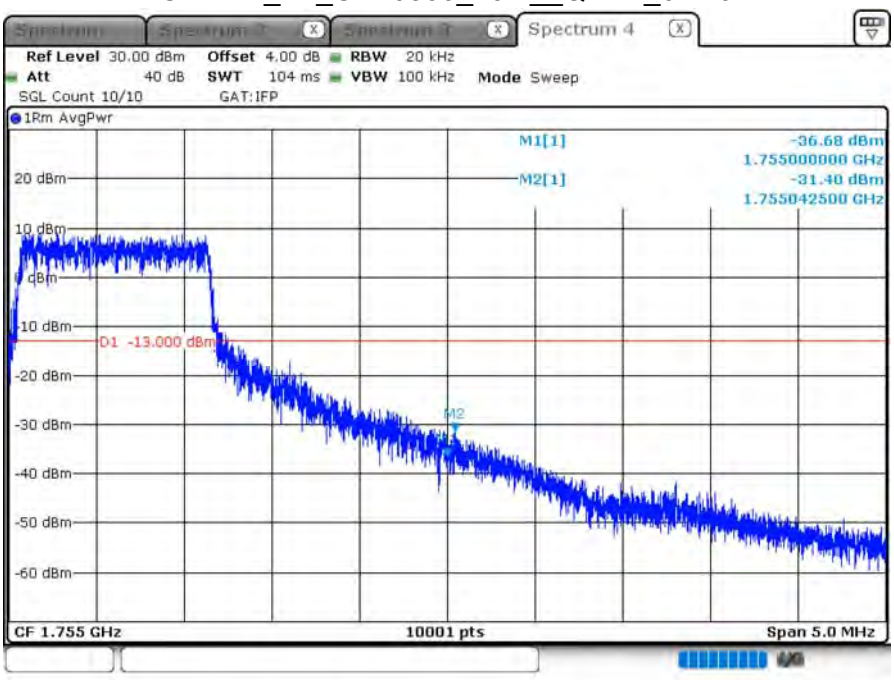
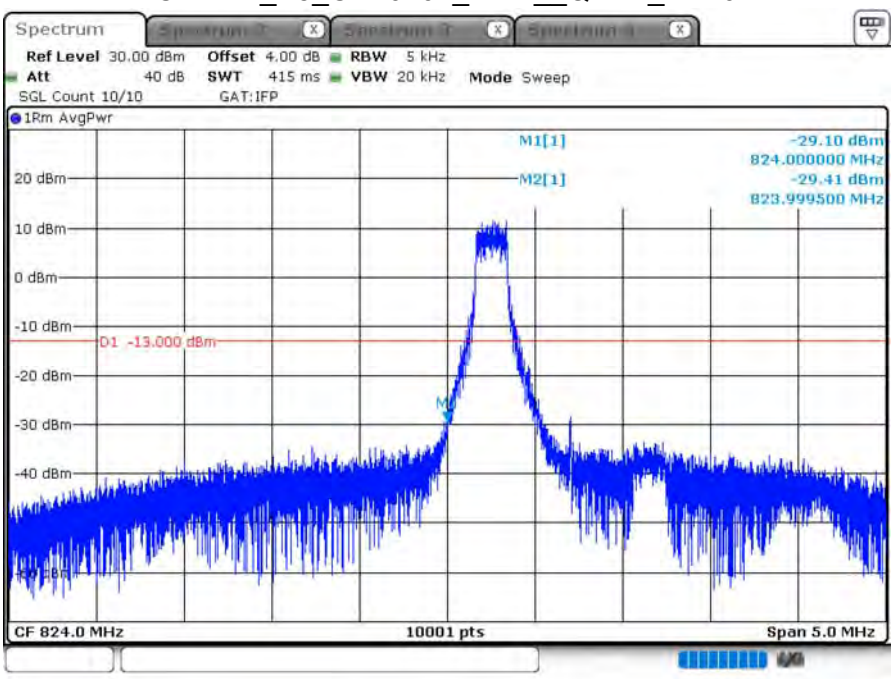


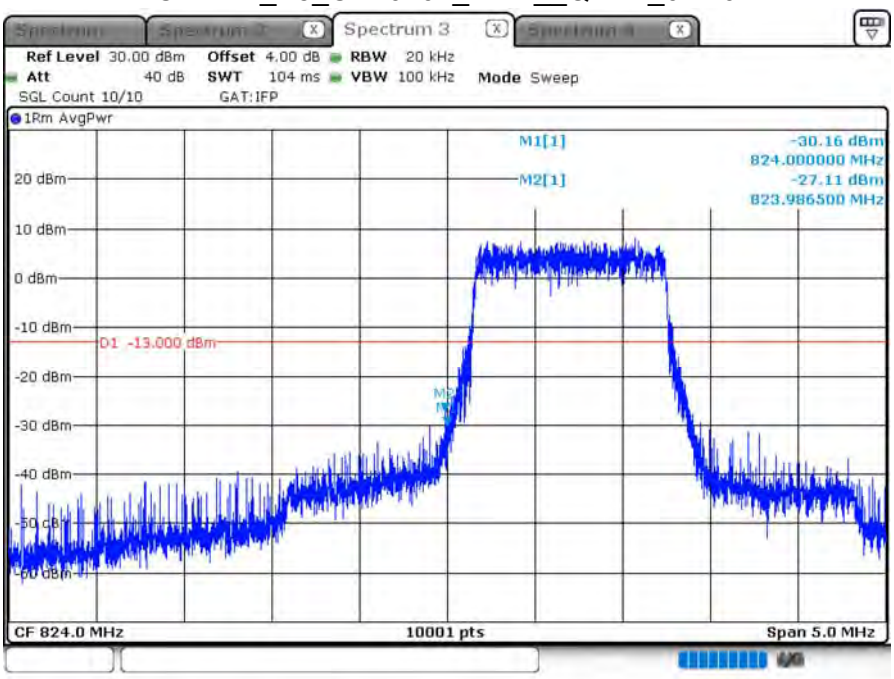
Product	Connectivity Module		
Test Item	Spurious Emissions at Antenna Terminals		
Test Mode	Mode 3: Band5 Link		
Date of Test	2021/01/12	Test Site	SR12-H
Temperature (°C)	18	Humidity (%RH)	58

CAT-M1_B5_CH20407_1.4M__QPSK_1RB0



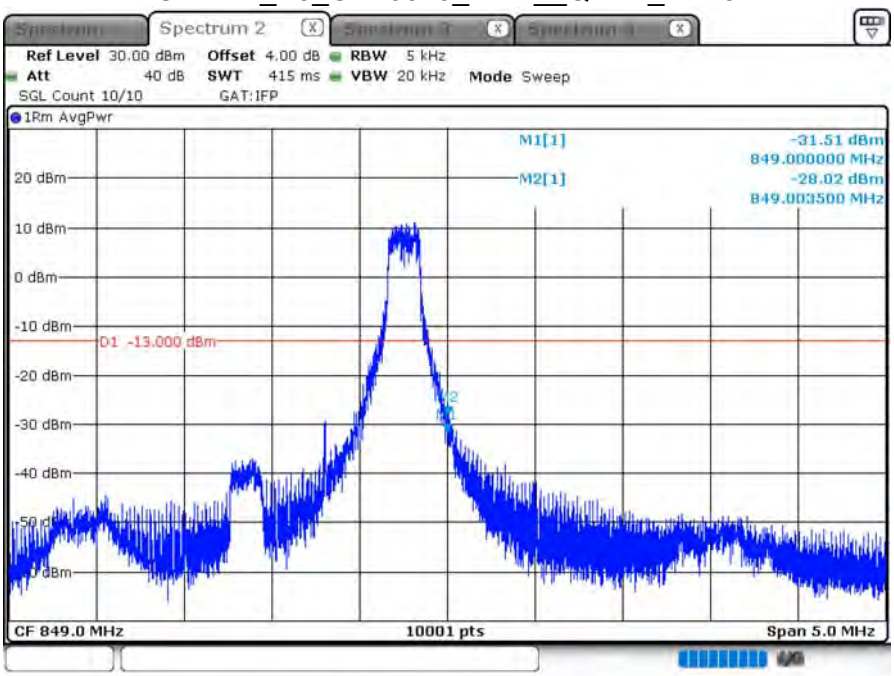
Date: 12.JAN.2021 15:40:35

CAT-M1_B5_CH20407_1.4M__QPSK_6RB0

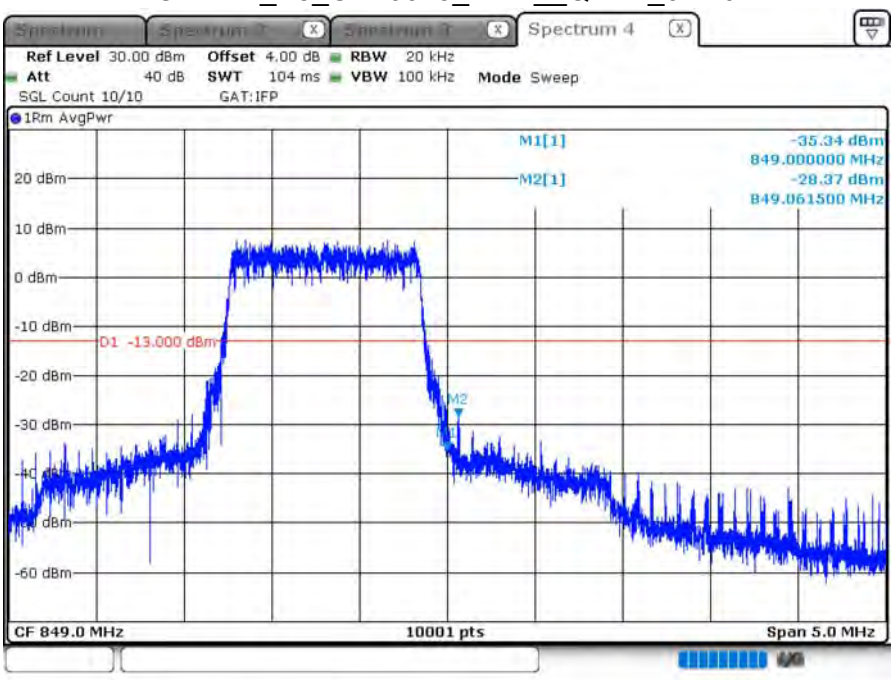


Date: 12.JAN.2021 15:41:33

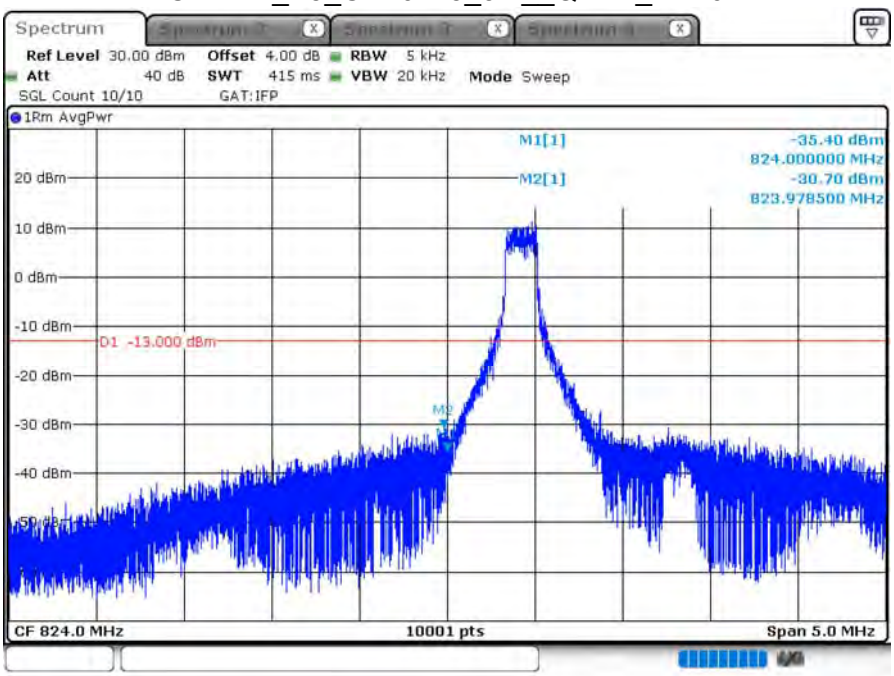
CAT-M1_B5_CH20643_1.4M__QPSK_1RB5



CAT-M1_B5_CH20643_1.4M__QPSK_6RB0



CAT-M1_B5_CH20415_3M__QPSK_1RB0



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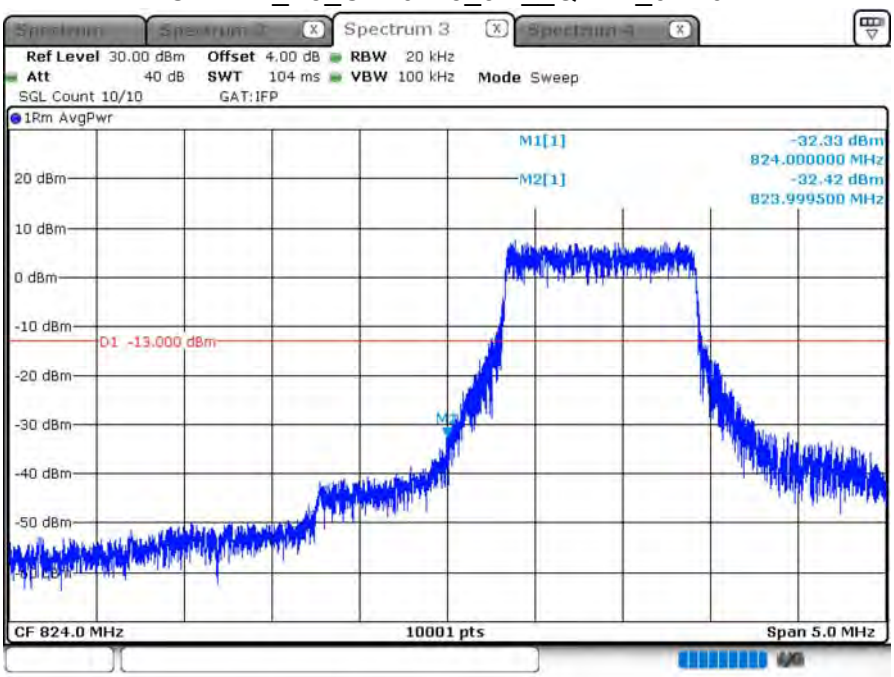
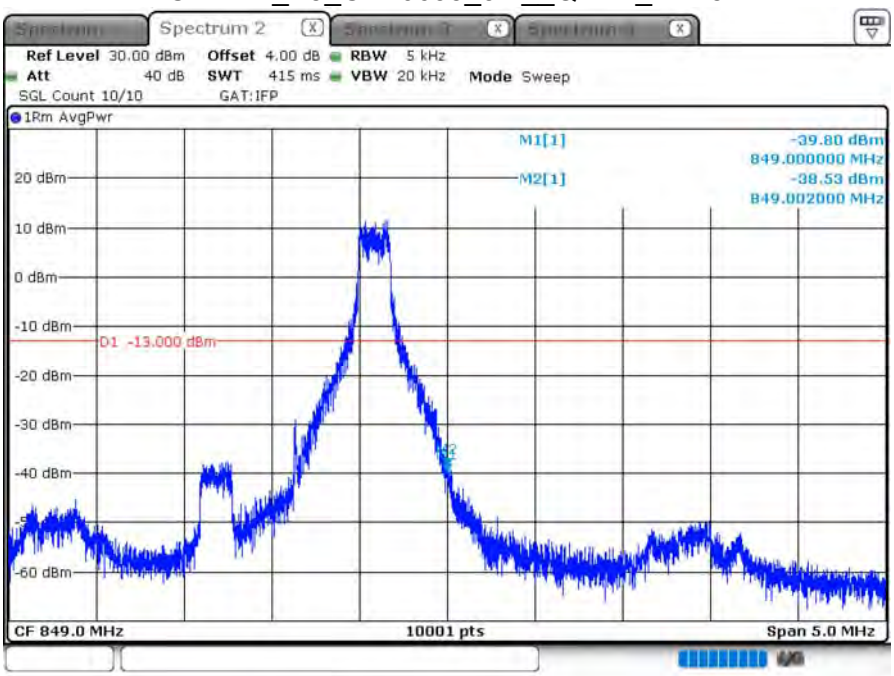
CAT-M1_B5_CH20415_3M__QPSK_6RB0

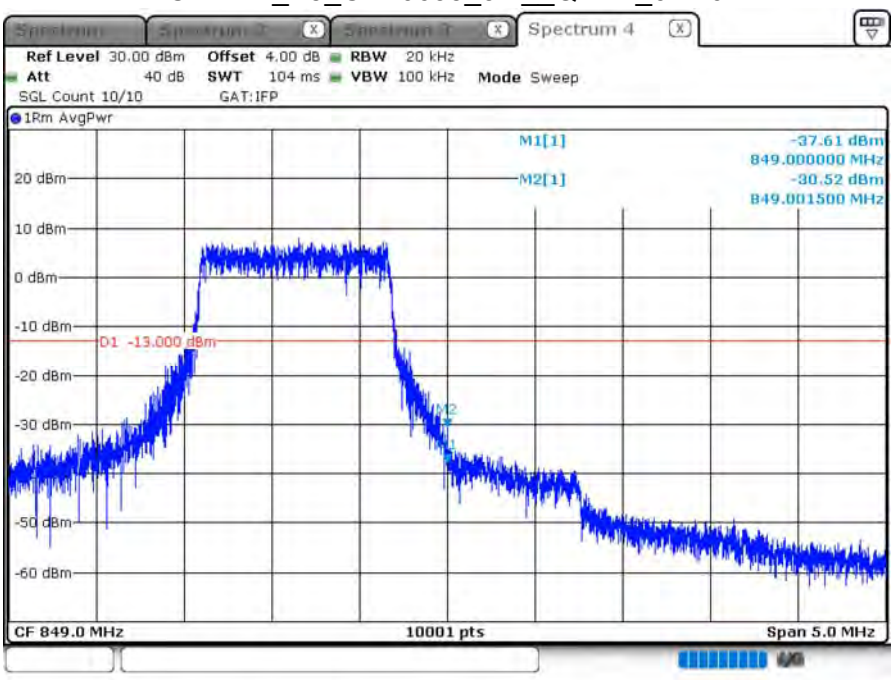


Date: 12.JAN.2021 15:50:41

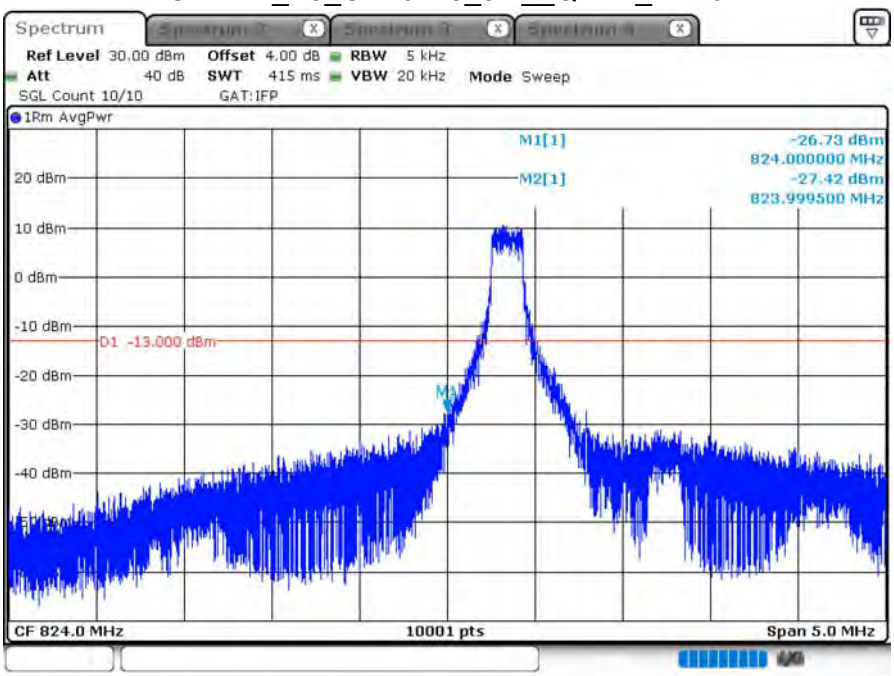
CAT-M1_B5_CH20635_3M__QPSK_1RB5



CAT-M1_B5_CH20635_3M__QPSK_6RB0

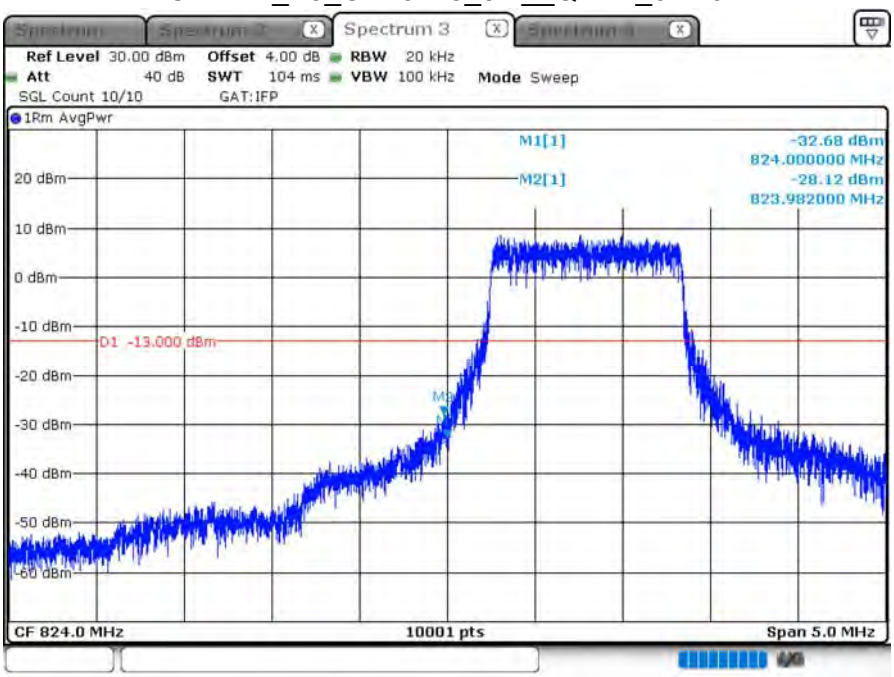


CAT-M1_B5_CH20425_5M__QPSK_1RB0



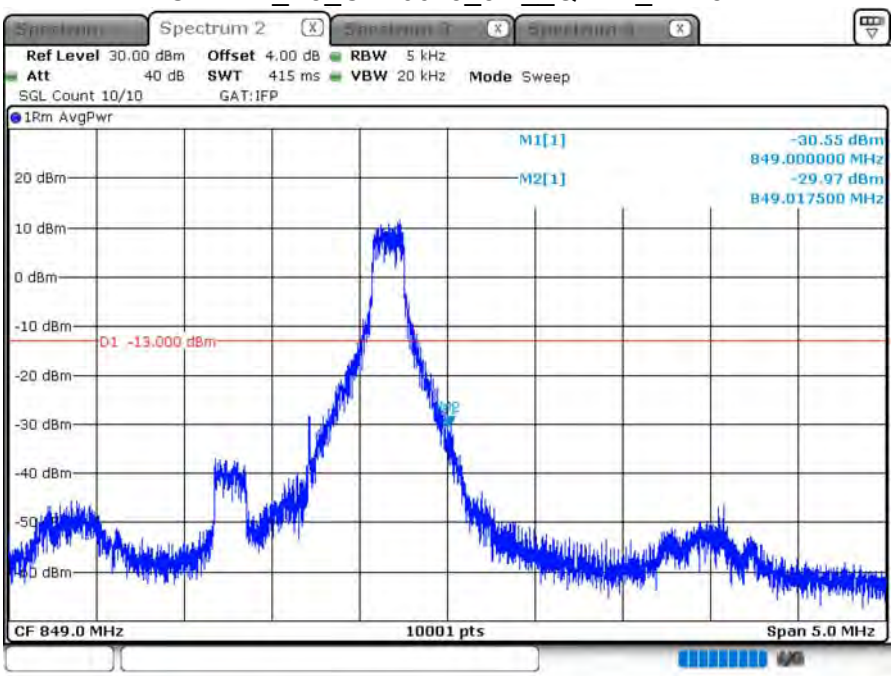
Date: 12.JAN.2021 16:04:51

CAT-M1_B5_CH20425_5M__QPSK_6RB0



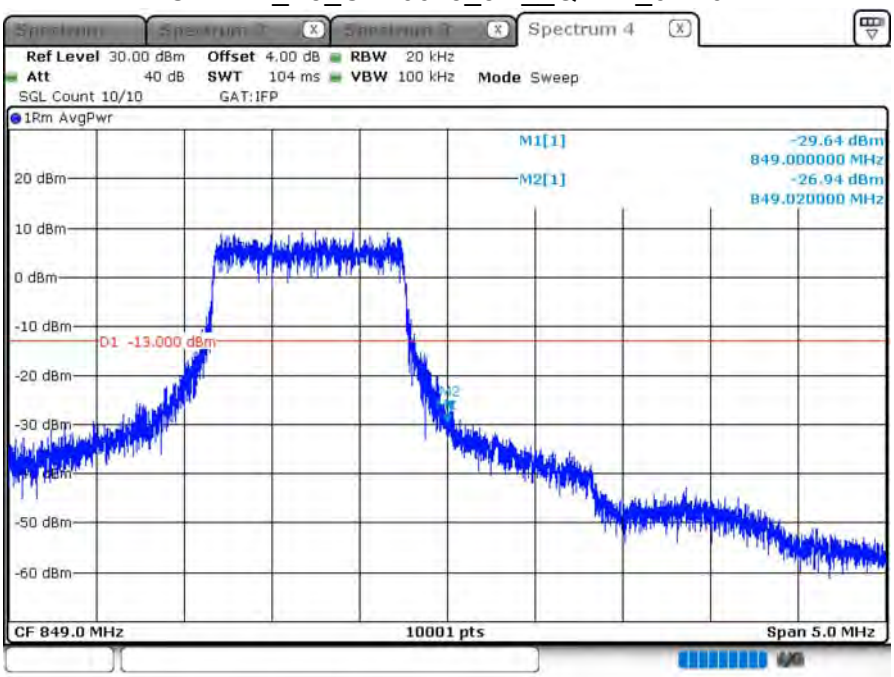
Date: 12.JAN.2021 16:00:58

CAT-M1_B5_CH20625_5M__QPSK_1RB5



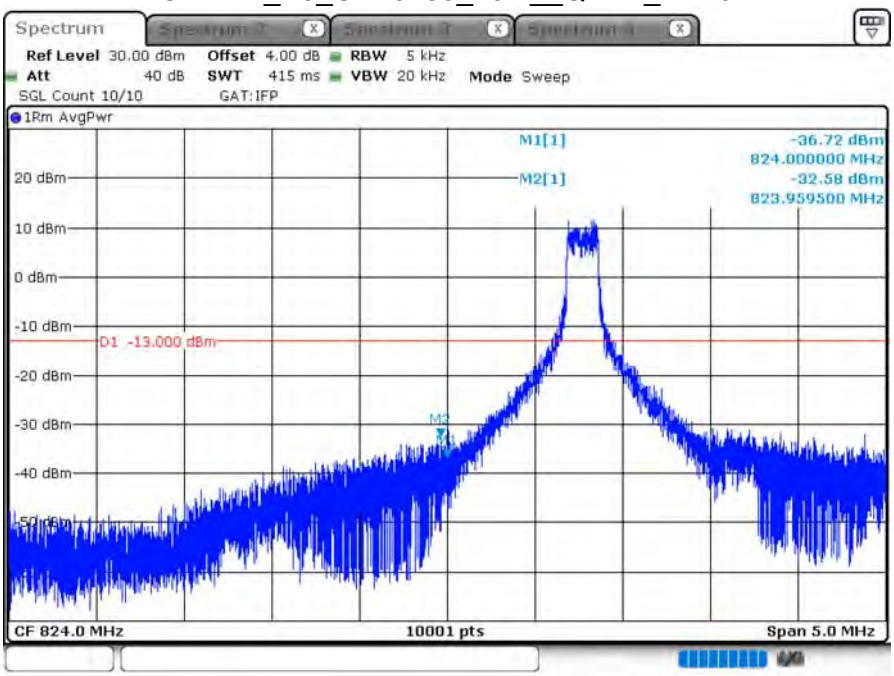
Date: 12.JAN.2021 16:06:33

CAT-M1_B5_CH20625_5M__QPSK_6RB0



Date: 12.JAN.2021 16:06:55

CAT-M1_B5_CH20450_10M__QPSK_1RB0



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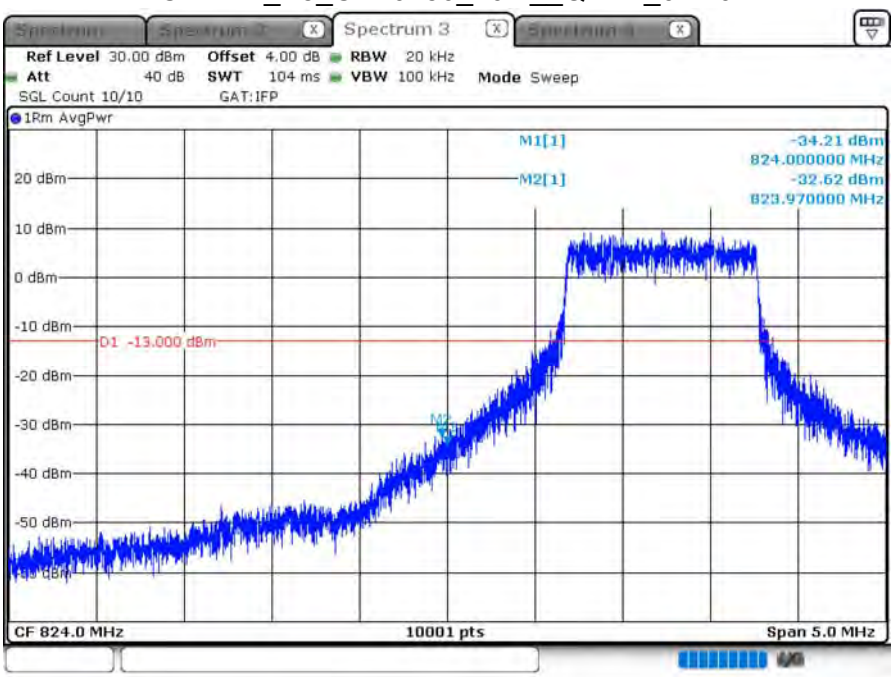

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