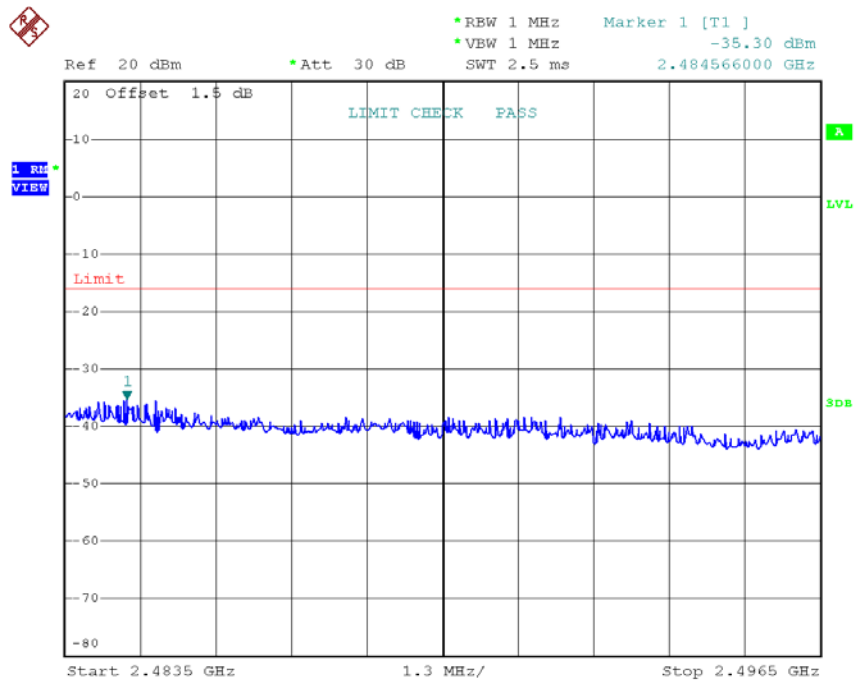


Normal Voltage

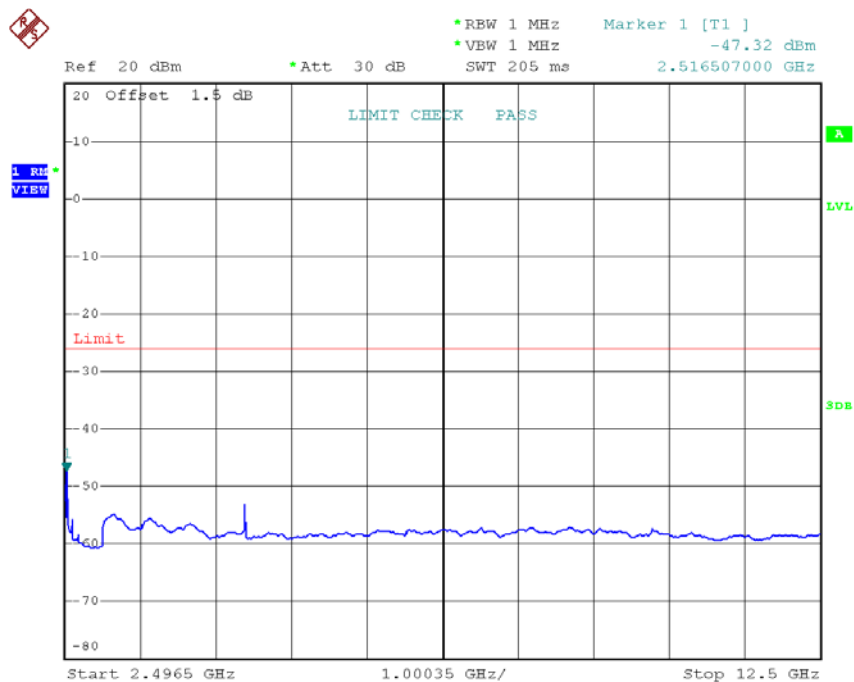
CH07 Frequency Band 4 ($2483.5 \text{ MHz} \leq f < 2496.5 \text{ MHz}$)



Date: 8.MAY.2018 10:15:23

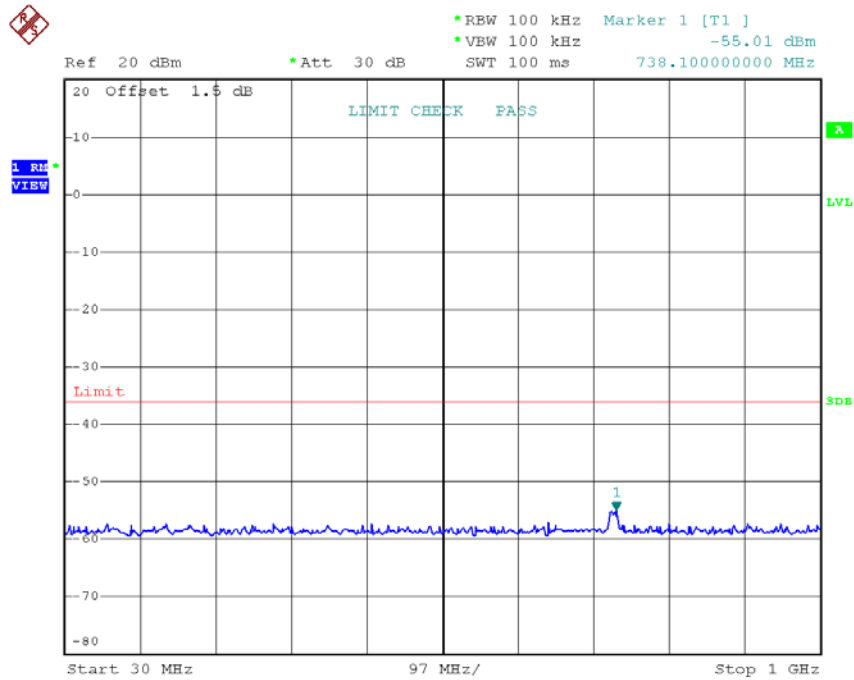
Normal Voltage

CH07 Frequency Band 5 ($2496.5 \text{ MHz} \leq f < 12.5 \text{ GHz}$)



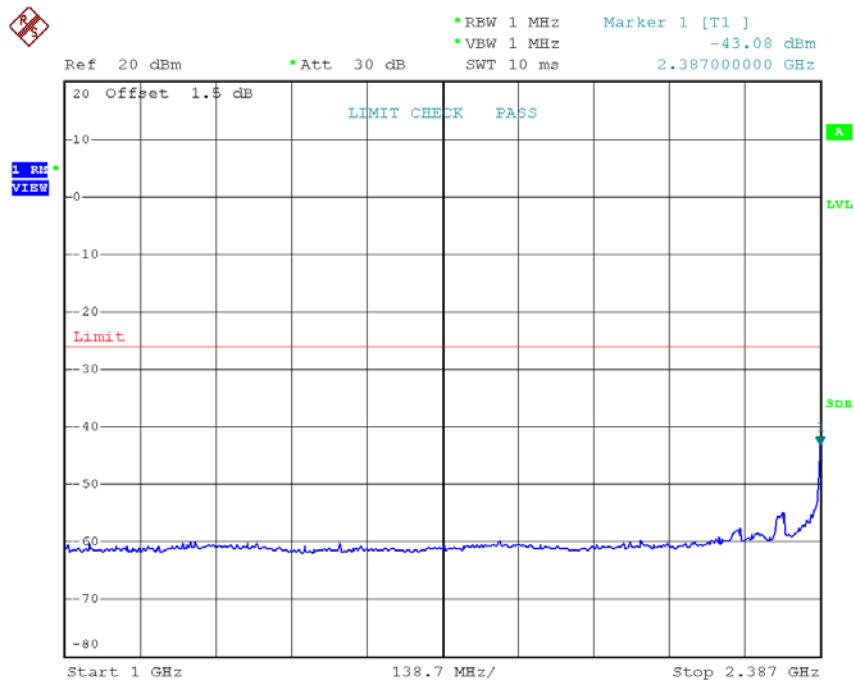
Date: 8.MAY.2018 10:15:34

Normal Voltage
CH13 Frequency Band 1 (30 MHz ≤ f ≤ 1000 MHz)



Date: 8.MAY.2018 10:19:41

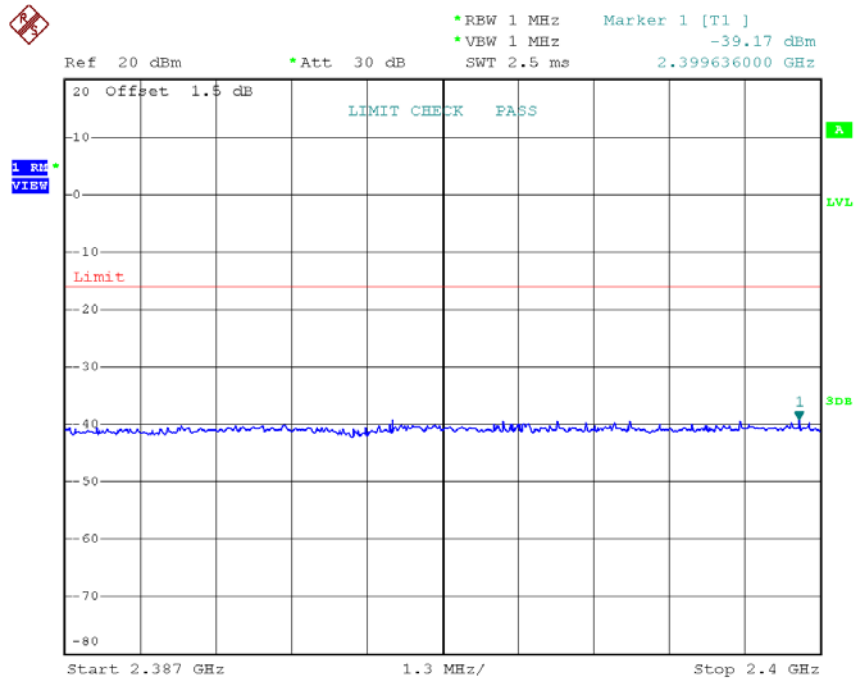
Normal Voltage
CH13 Frequency Band 2 (1000 MHz < f ≤ 2387 MHz)



Date: 8.MAY.2018 10:19:52

Normal Voltage

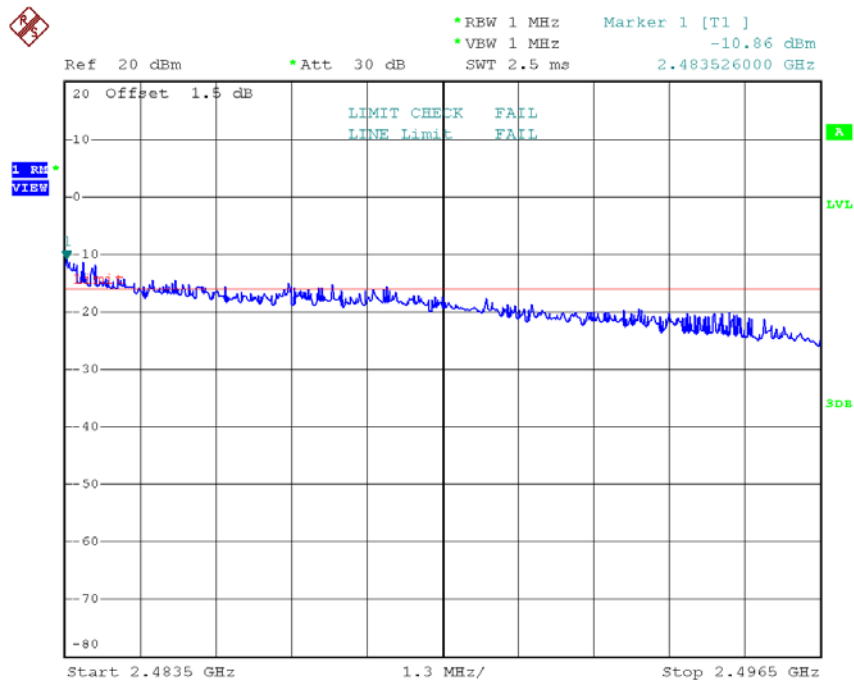
CH13 Frequency Band 3 (2387 MHz \leq f < 2400 MHz)



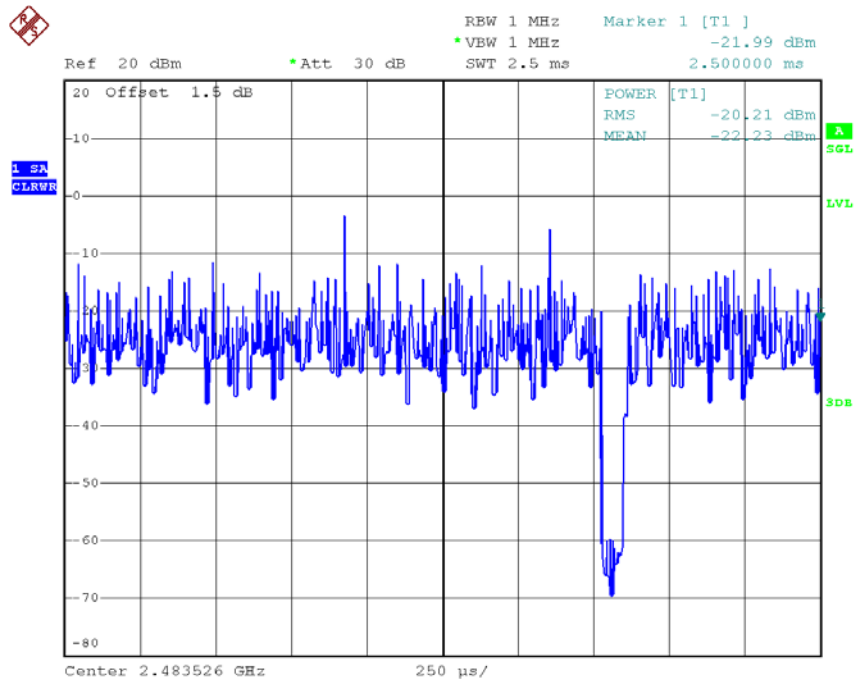
Date: 8.MAY.2018 10:20:04

Normal Voltage

CH13 Frequency Band 4 (2483.5 MHz \leq f < 2496.5 MHz)

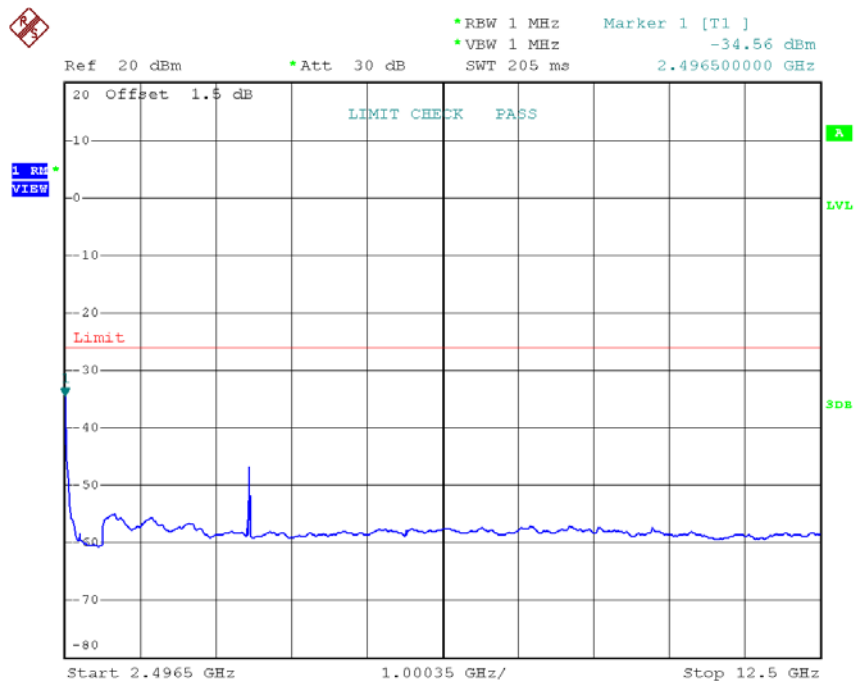


Date: 8.MAY.2018 10:20:14



Date: 8.MAY.2018 10:20:20

Normal Voltage CH13 Frequency Band 5 (2496.5 MHz ≤ f <12.5 GHz)



Date: 8.MAY.2018 10:20:32

Test Mode:	802.11n(HT40)/CH03,CH07,CH11
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Test Voltage		V	Normal Voltage			Remarks
Test Frequency		MHz	2422	2442	2462	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Power emission within 1MHz bandwidth) (units: μW)	※ 1	$\mu\text{W}/\text{MHz}$	0.0021	0.0024	0.0025	Limit $\leq 0.25 \mu\text{W}/\text{MHz}$ (-36 dBm/MHz)
	※ 2	$\mu\text{W}/\text{MHz}$	0.5534	0.1104	0.0479	Limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
	※ 3	$\mu\text{W}/\text{MHz}$	6.5917	1.0280	0.2460	Limit $\leq 25 \mu\text{W}/\text{MHz}$ (-16 dBm/MHz)
	※ 4	$\mu\text{W}/\text{MHz}$	0.3811	2.6546	18.2810	Limit $\leq 25 \mu\text{W}/\text{MHz}$ (-16 dBm/MHz)
	※ 5	$\mu\text{W}/\text{MHz}$	0.0366	0.1194	0.8710	Limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)

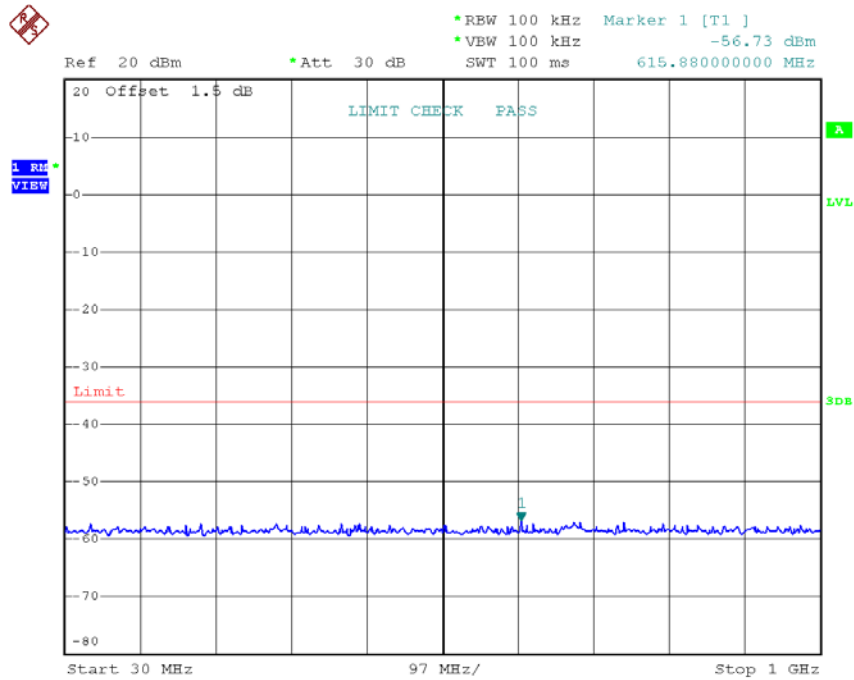
Note:

Emission value = SA measurement value + Directional gain + cable loss

Directional gain = $10 \log (\text{Ant } X)$

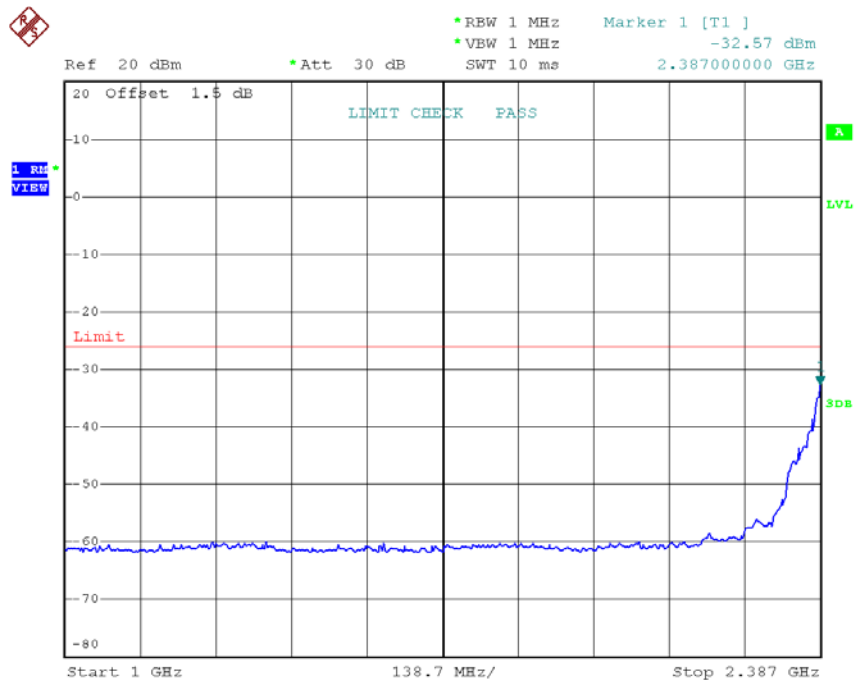
X = the total number of antennas

Normal Voltage
CH03 Frequency Band 1 (30 MHz ≤ f ≤ 1000 MHz)



Date: 8.MAY.2018 10:25:30

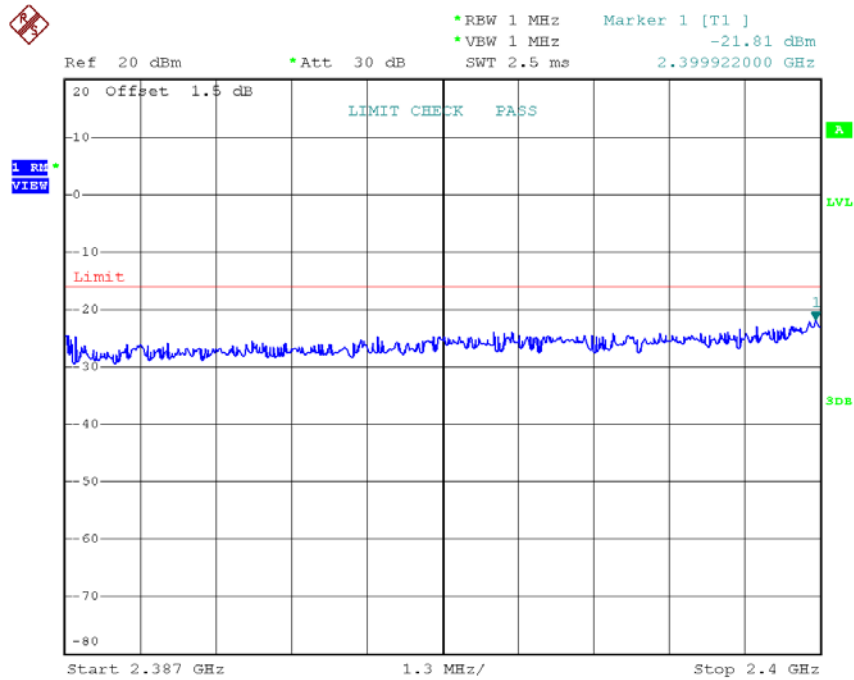
Normal Voltage
CH03 Frequency Band 2 (1000 MHz < f ≤ 2387 MHz)



Date: 8.MAY.2018 10:25:42

Normal Voltage

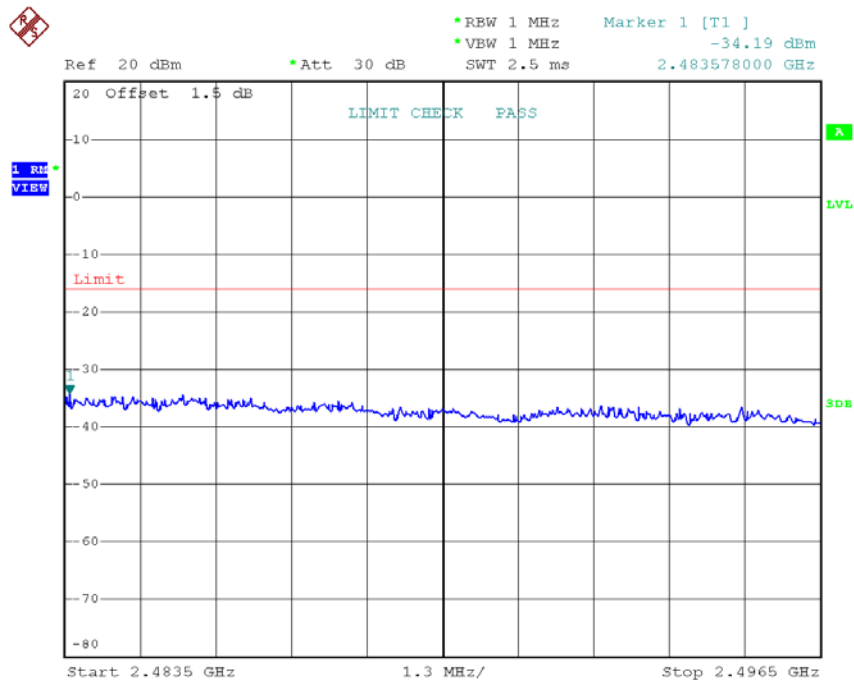
CH03 Frequency Band 3 (2387 MHz \leq f < 2400 MHz)



Date: 8.MAY.2018 10:25:53

Normal Voltage

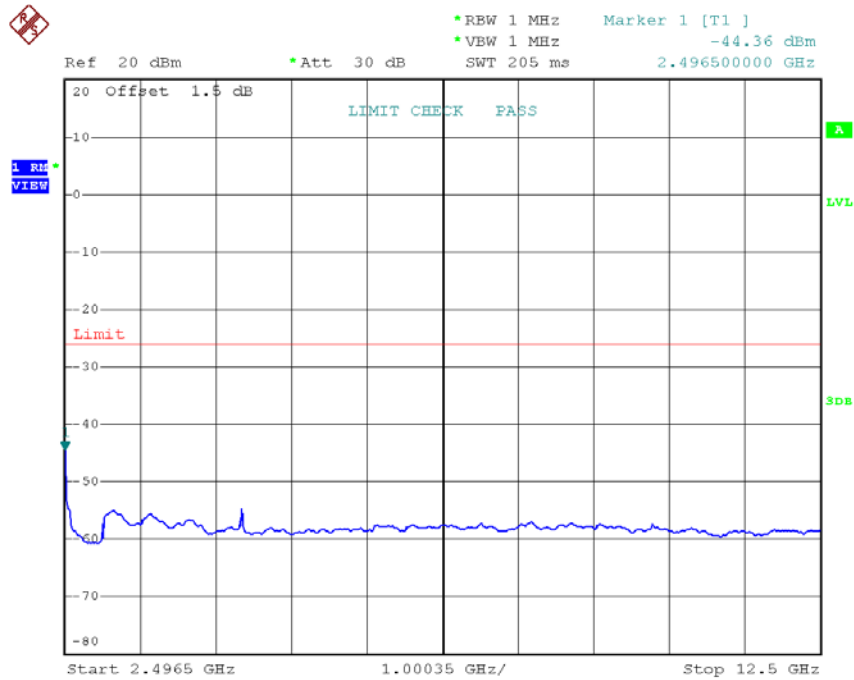
CH03 Frequency Band 4 (2483.5 MHz \leq f < 2496.5 MHz)



Date: 8.MAY.2018 10:26:04

Normal Voltage

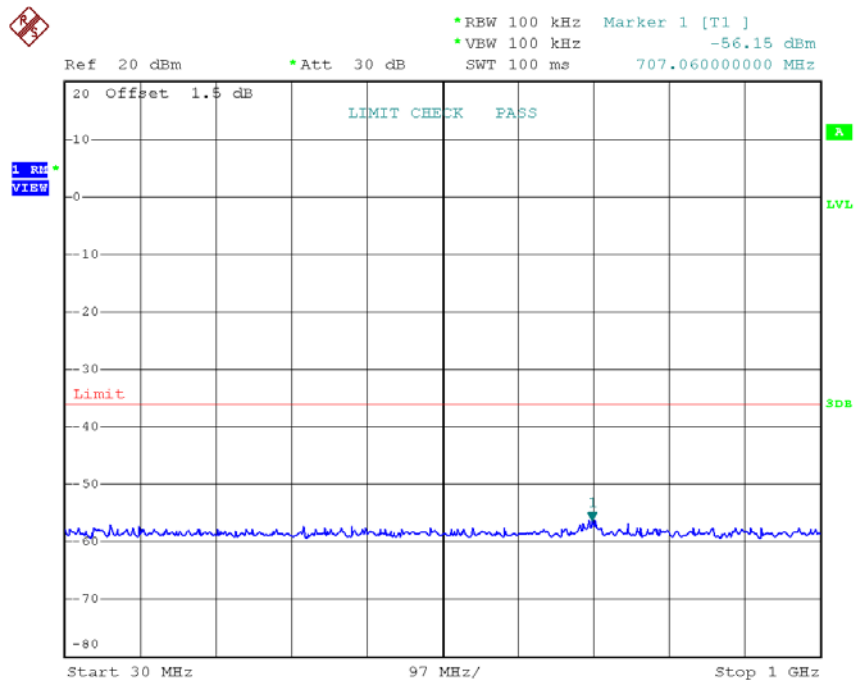
CH03 Frequency Band 5 (2496.5 MHz \leq f < 12.5 GHz)



Date: 8.MAY.2018 10:26:16

Normal Voltage

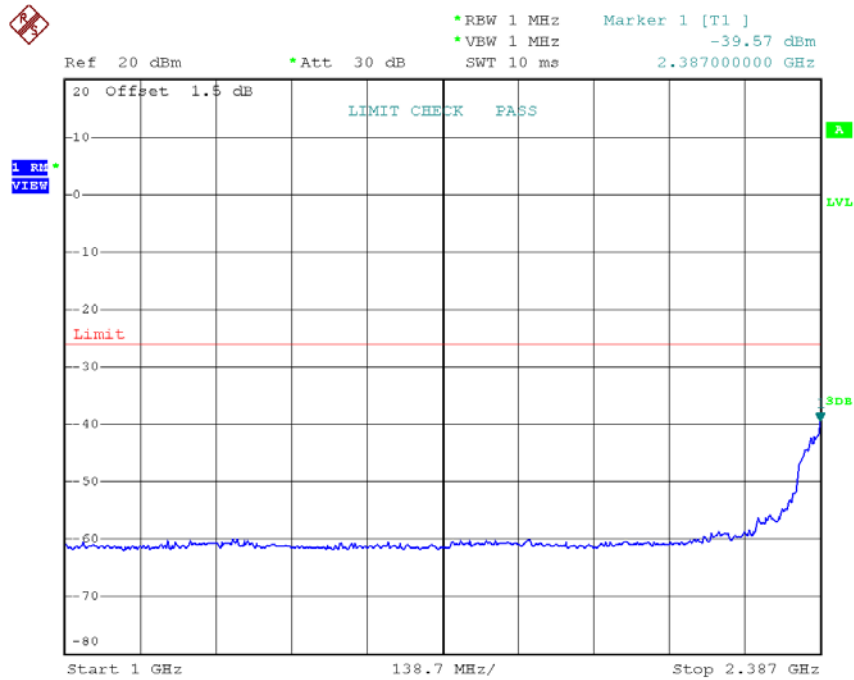
CH07 Frequency Band 1 (30 MHz \leq f \leq 1000 MHz)



Date: 8.MAY.2018 10:28:22

Normal Voltage

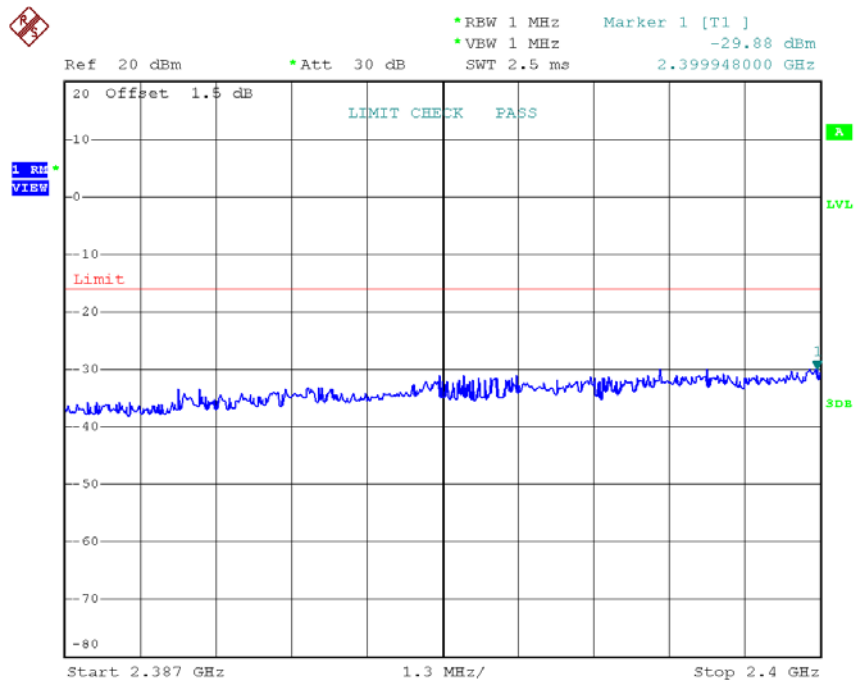
CH07 Frequency Band 2 (1000 MHz < f ≤ 2387 MHz)



Date: 8.MAY.2018 10:28:33

Normal Voltage

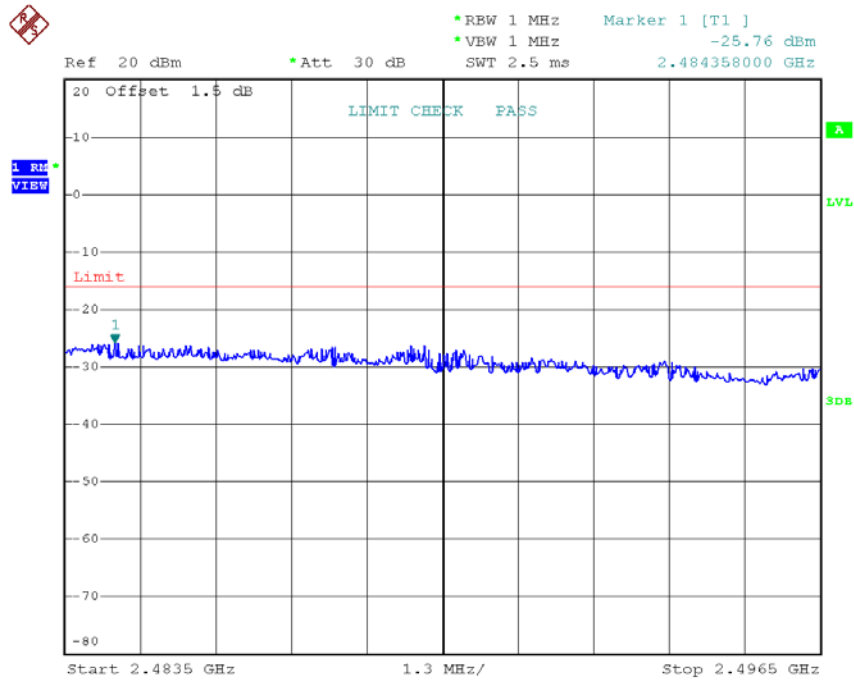
CH07 Frequency Band 3 (2387 MHz ≤ f < 2400 MHz)



Date: 8.MAY.2018 10:28:45

Normal Voltage

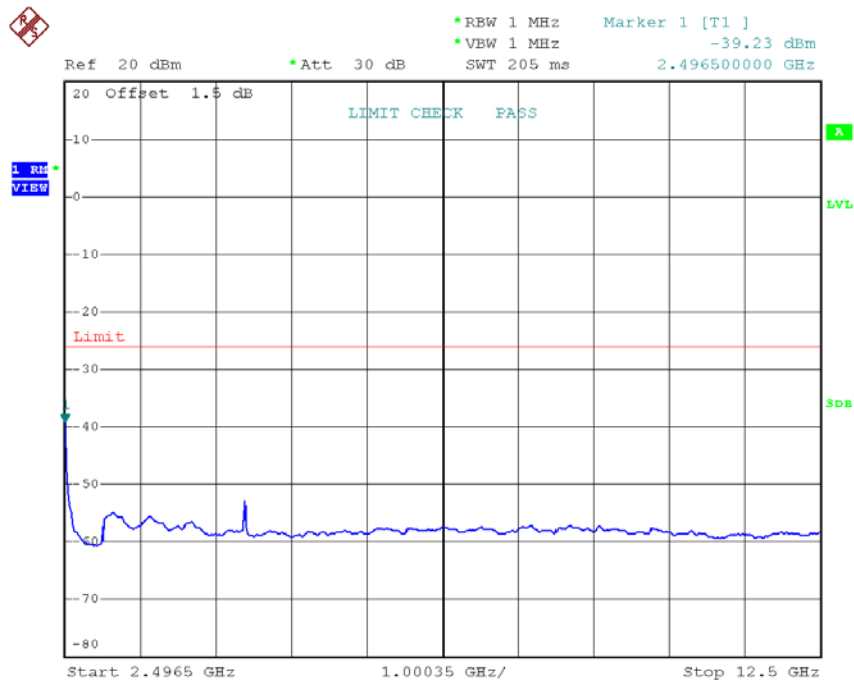
CH07 Frequency Band 4 ($2483.5 \text{ MHz} \leq f < 2496.5 \text{ MHz}$)



Date: 8.MAY.2018 10:28:55

Normal Voltage

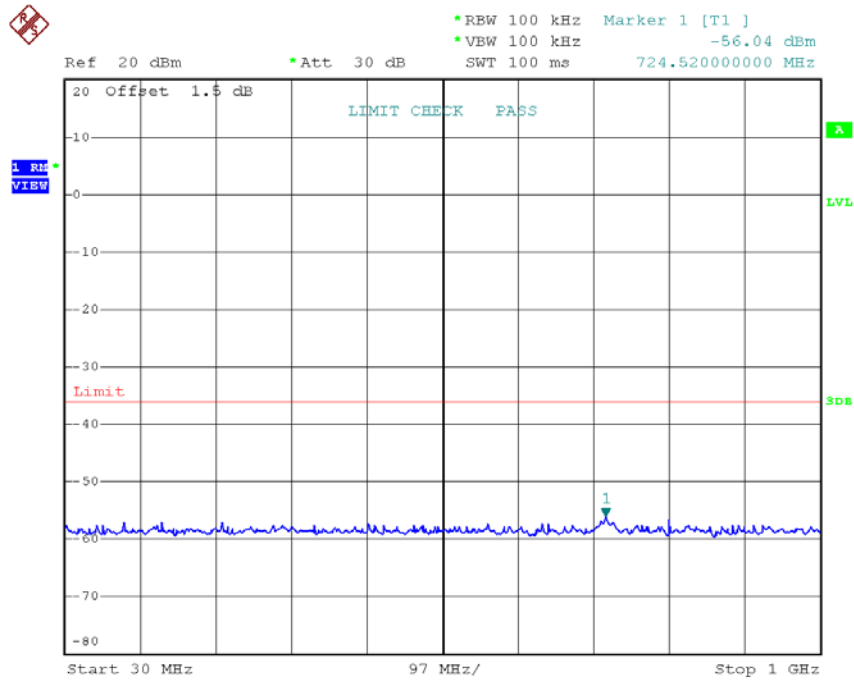
CH07 Frequency Band 5 ($2496.5 \text{ MHz} \leq f < 12.5 \text{ GHz}$)



Date: 8.MAY.2018 10:29:07

Normal Voltage

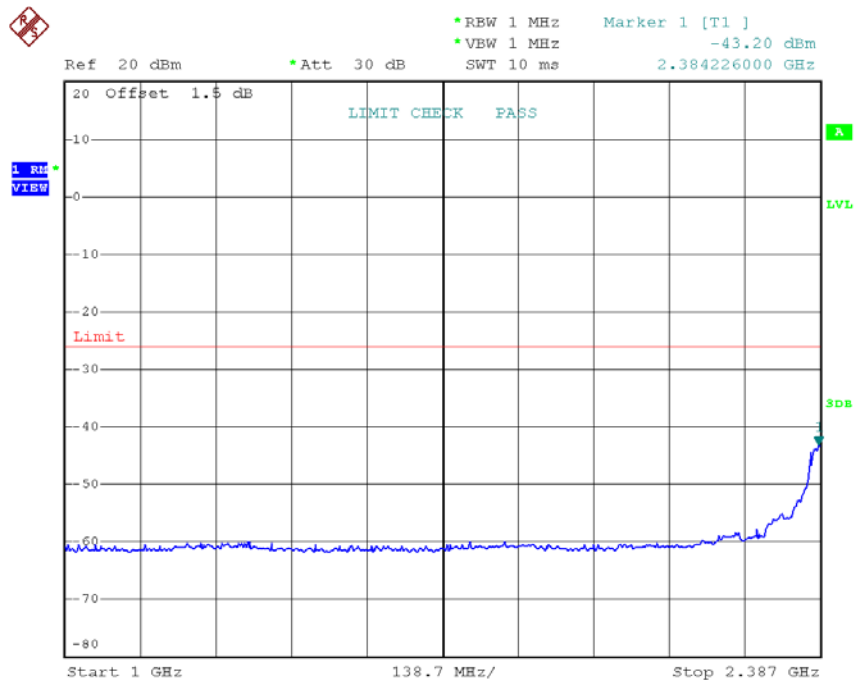
CH11 Frequency Band 1 ($30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$)



Date: 8.MAY.2018 10:31:11

Normal Voltage

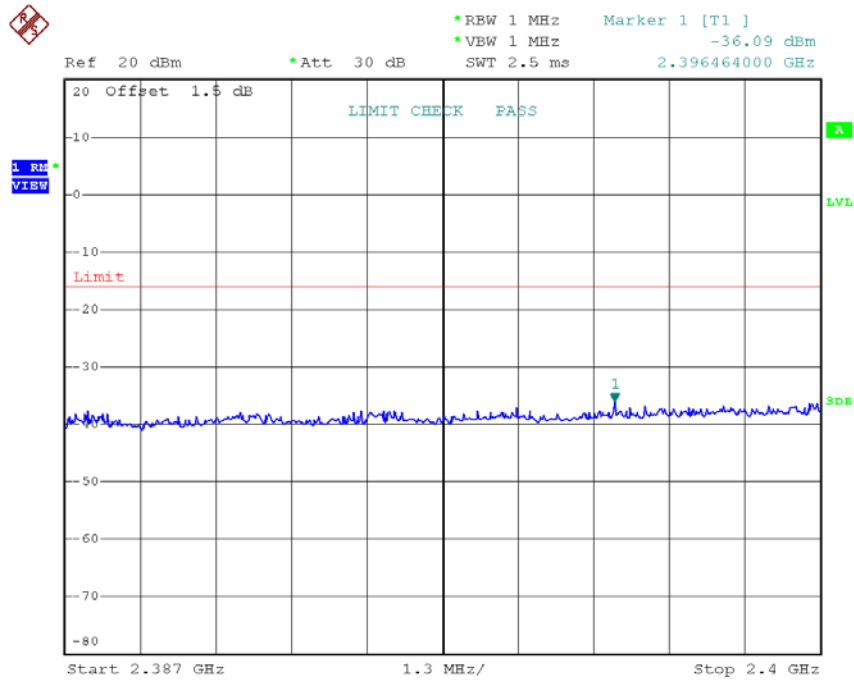
CH11 Frequency Band 2 ($1000 \text{ MHz} < f \leq 2387 \text{ MHz}$)



Date: 8.MAY.2018 10:31:23

Normal Voltage

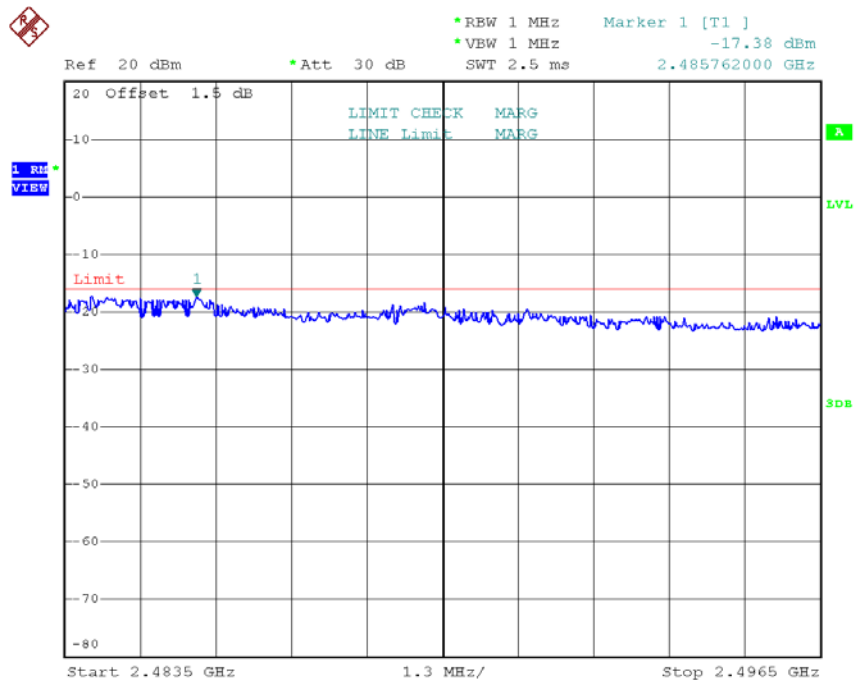
CH11 Frequency Band 3 (2387 MHz \leq f < 2400 MHz)



Date: 8.MAY.2018 10:31:34

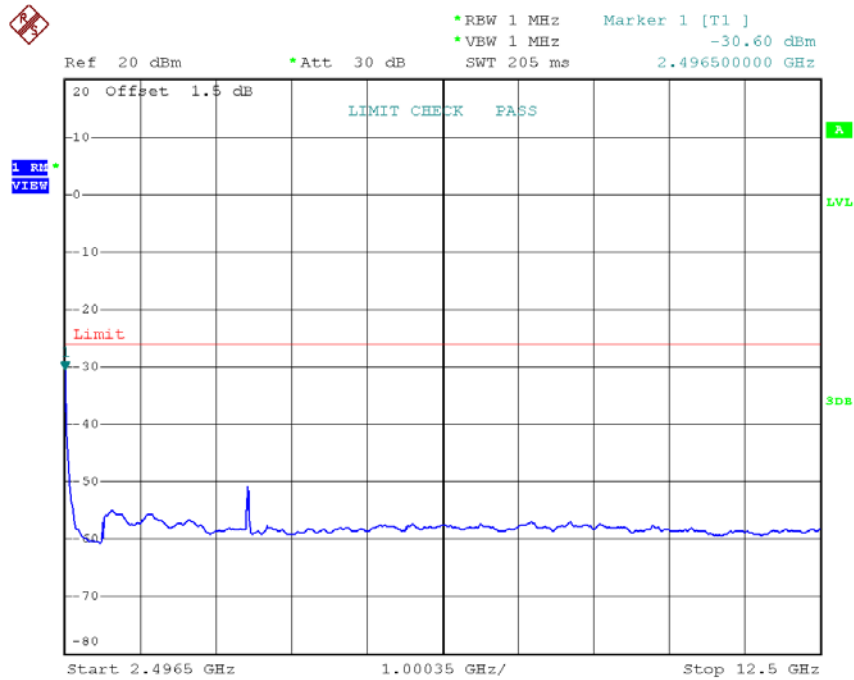
Normal Voltage

CH11 Frequency Band 4 (2483.5 MHz \leq f < 2496.5 MHz)



Date: 8.MAY.2018 10:31:45

Normal Voltage
CH11 Frequency Band 5 (2496.5 MHz \leq f < 12.5 GHz)



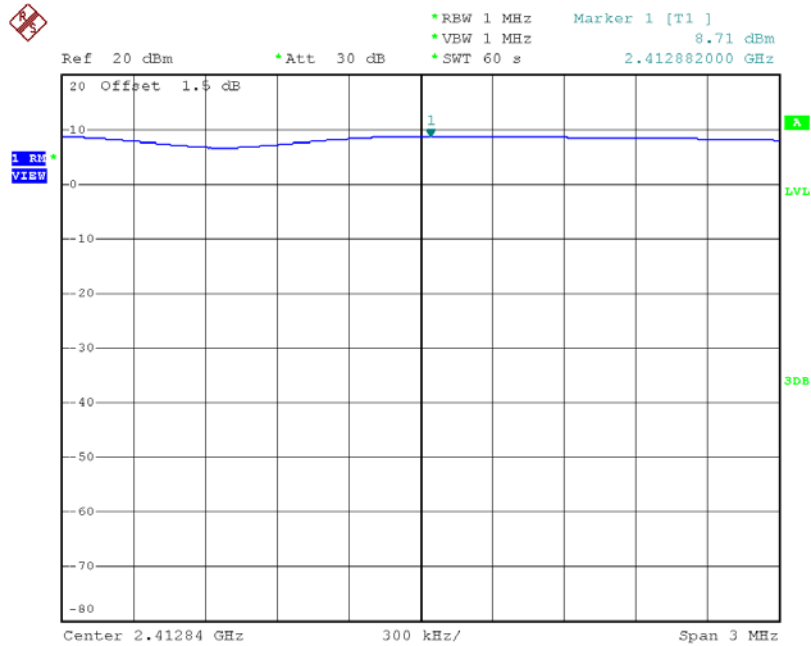
Date: 8.MAY.2018 10:32:03

APPENDIX D - ANTENNA POWER ERROR

Test Mode:	802.11b/CH01,CH07,CH13
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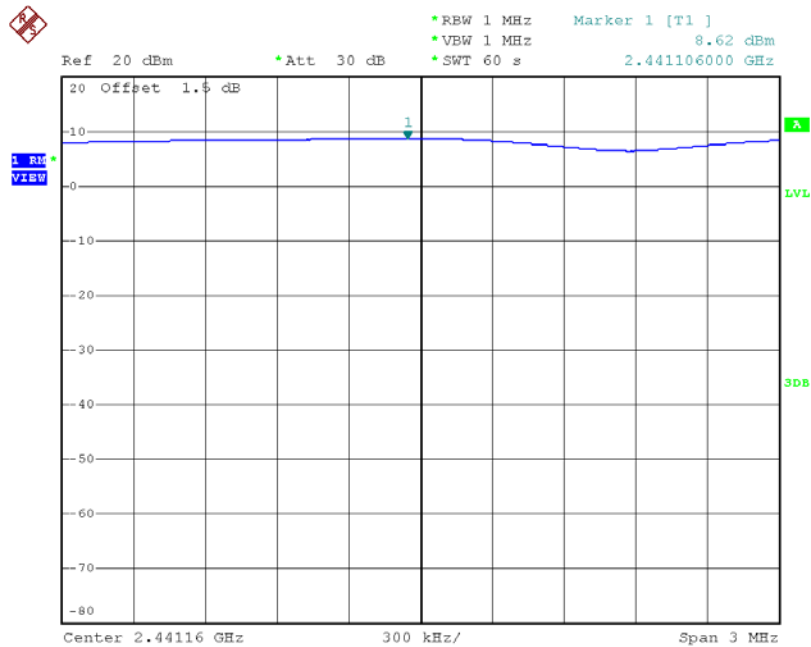
Test Voltage (V)	Normal Voltage			Remarks
Test Frequency (MHz)	2412	2442	2472	Low/Mid/High of test frequency range
Antenna Power (mW/MHz)	7.4302	7.2778	6.8865	-
Antenna Power Error (mW/MHz)	0.0002	-0.1522	-0.5435	-
Antenna Power Error (%)	0.00	-2.05	-7.31	Limit + 20% ~ - 80%
EIRP Antenna Power (mW/MHz)	11.4551	11.2202	10.6170	-

Normal Voltage CH01



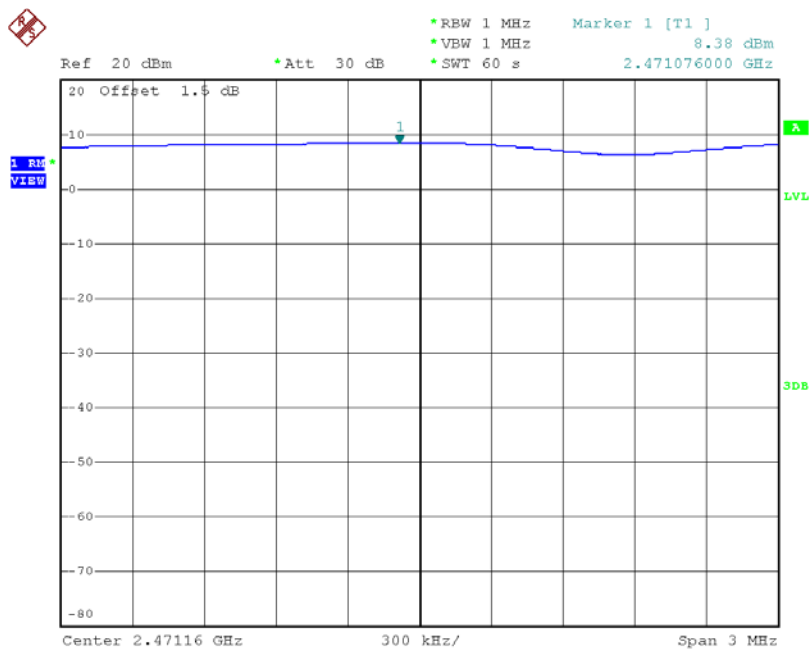
Date: 8.MAY.2018 09:51:15

Normal Voltage CH07



Date: 8.MAY.2018 09:55:13

Normal Voltage CH13

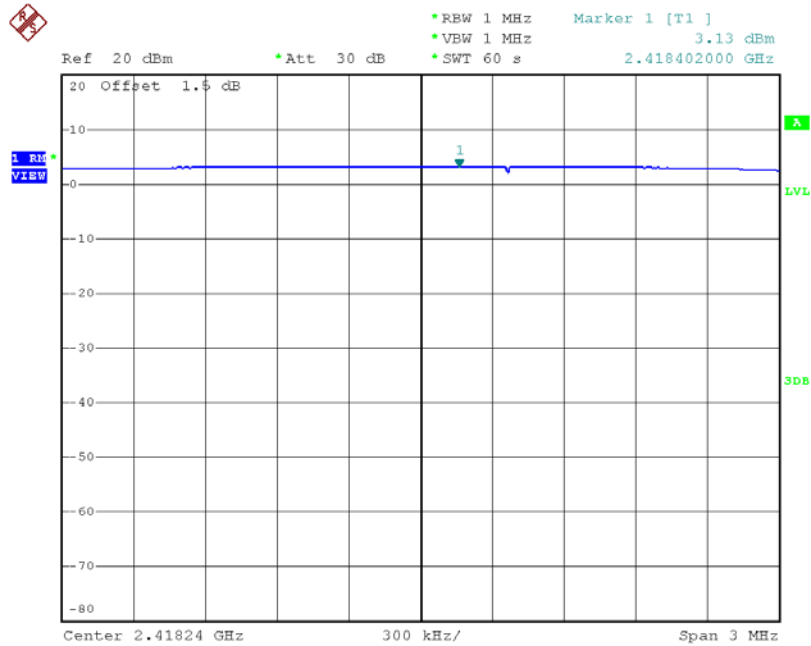


Date: 8.MAY.2018 09:57:59

Test Mode:	802.11g/CH01,CH07,CH13
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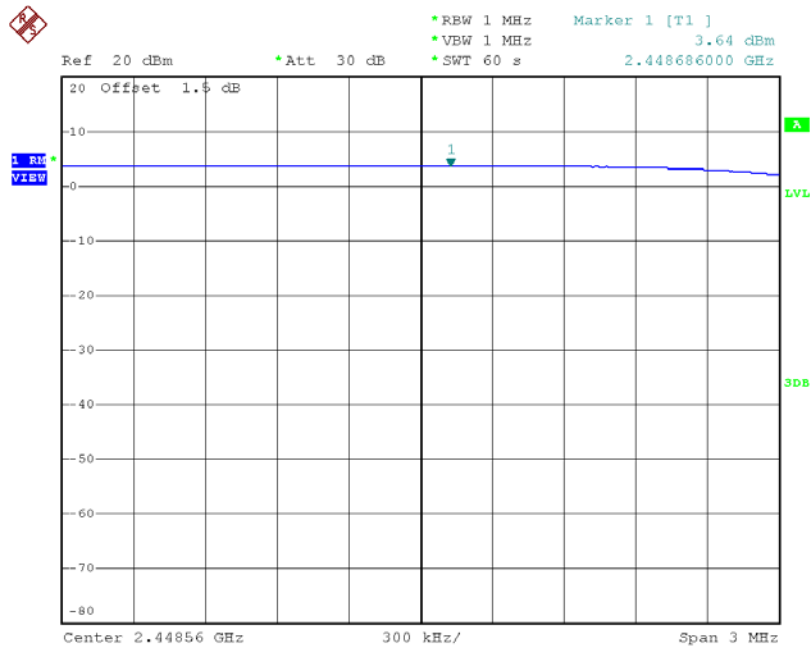
Test Voltage (V)	Normal Voltage			Remarks
Test Frequency (MHz)	2412	2442	2472	Low/Mid/High of test frequency range
Antenna Power (mW/MHz)	2.0559	2.3121	2.3768	-
Antenna Power Error (mW/MHz)	-0.3241	-0.0679	-0.0032	-
Antenna Power Error (%)	-13.62	-2.85	-0.13	Limit + 20% ~ - 80%
EIRP Antenna Power (mW/MHz)	3.1696	3.5645	3.6644	-

Normal Voltage CH01



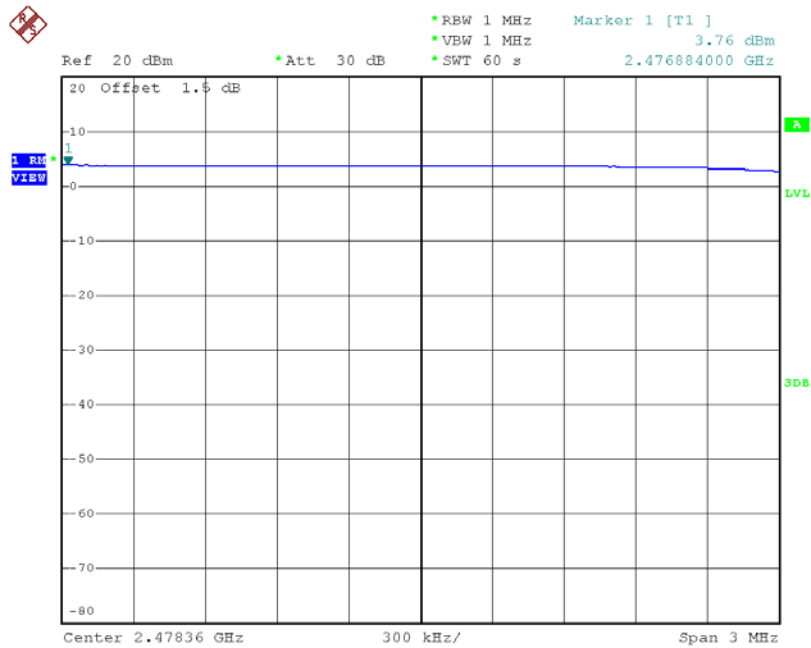
Date: 10.MAY.2018 10:38:55

Normal Voltage CH07



Date: 10.MAY.2018 10:42:50

Normal Voltage CH13

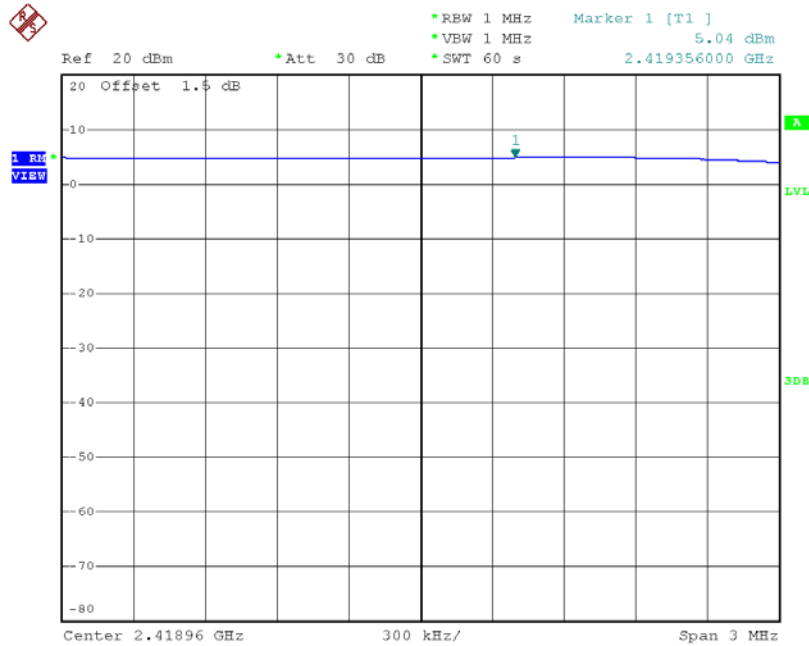


Date: 10.MAY.2018 10:45:06

Test Mode:	802.11n(HT20)/CH01,CH07,CH13
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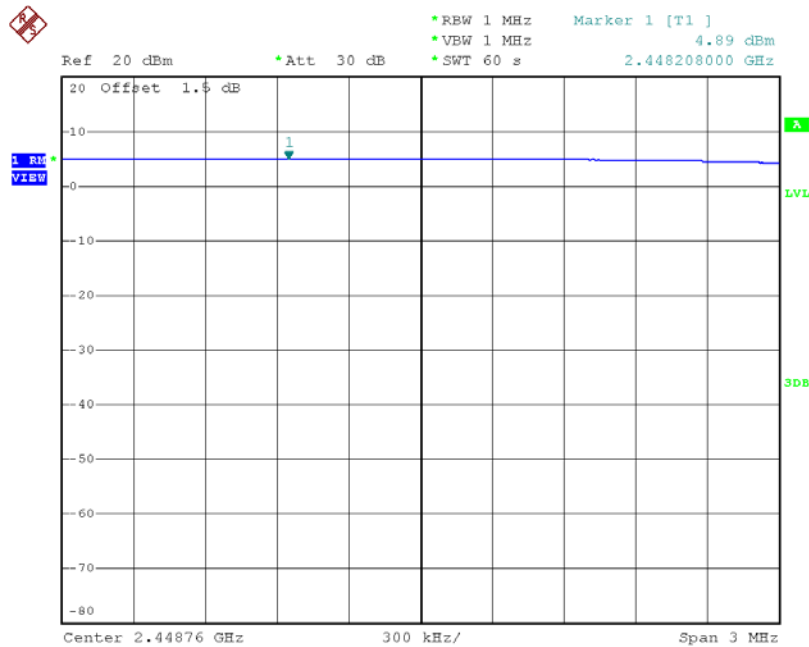
Test Voltage (V)	Normal Voltage			Remarks
Test Frequency (MHz)	2412	2442	2472	Low/Mid/High of test frequency range
Antenna Power (mW/MHz)	3.1915	3.0832	3.5727	-
Antenna Power Error (mW/MHz)	-0.3785	-0.4868	0.0027	-
Antenna Power Error (%)	-10.60	-13.64	0.08	Limit + 20% ~ - 80%
EIRP Antenna Power (mW/MHz)	4.9204	4.7534	5.5081	-

Normal Voltage CH01



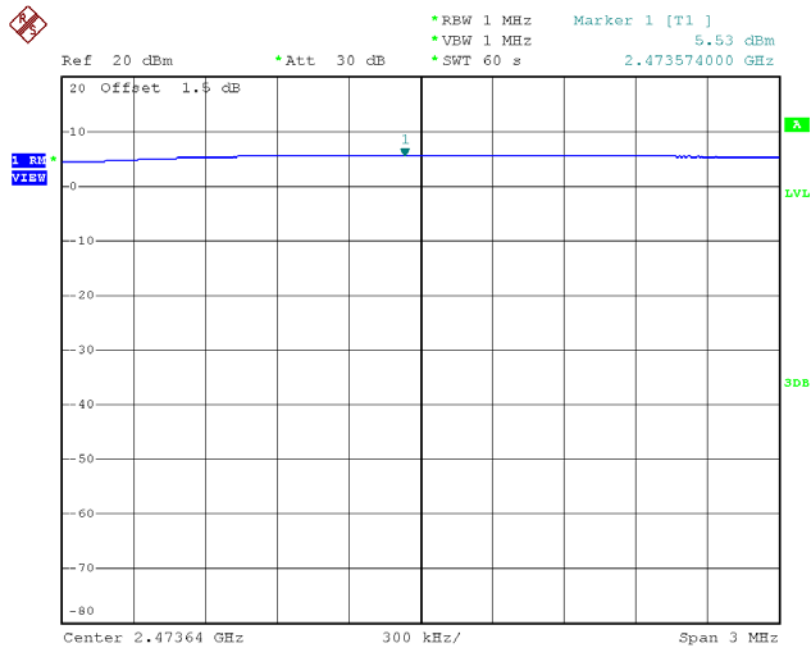
Date: 8.MAY.2018 10:13:59

Normal Voltage CH07



Date: 8.MAY.2018 10:16:47

Normal Voltage CH13

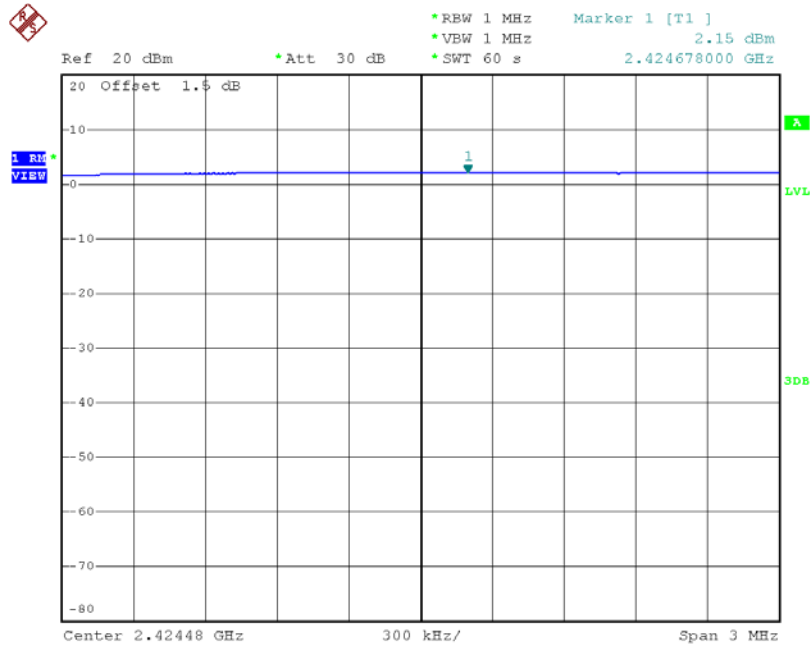


Date: 8.MAY.2018 10:21:46

Test Mode:	802.11n(HT40)/CH03,CH07,CH11
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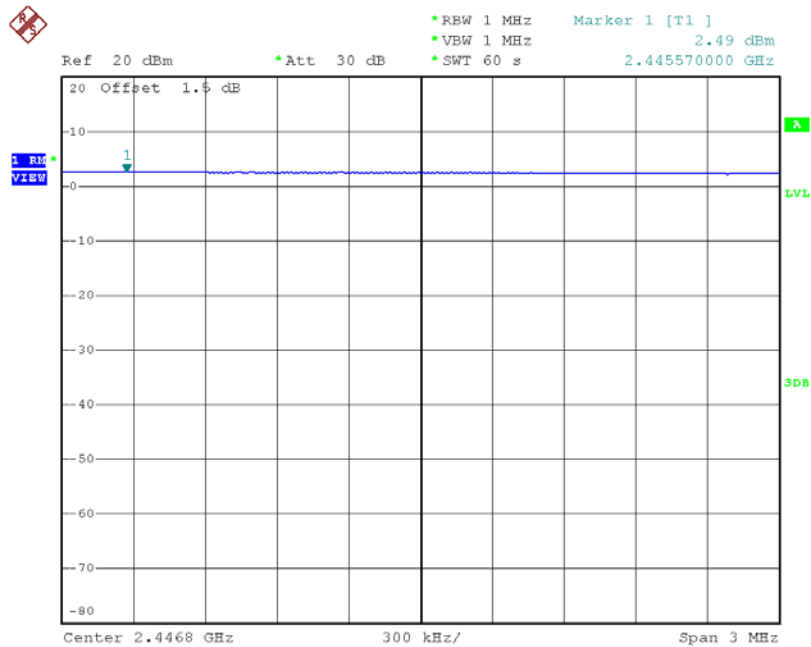
Test Voltage (V)	Normal Voltage			Remarks
Test Frequency (MHz)	2422	2442	2462	Low/Mid/High of test frequency range
Antenna Power (mW/MHz)	1.6406	1.7742	1.8880	-
Antenna Power Error (mW/MHz)	-0.2494	-0.1158	-0.0020	-
Antenna Power Error (%)	-13.20	-6.13	-0.11	Limit + 20% ~ - 80%
EIRP Antenna Power (mW/MHz)	2.5293	2.7353	2.9107	-

Normal Voltage CH03



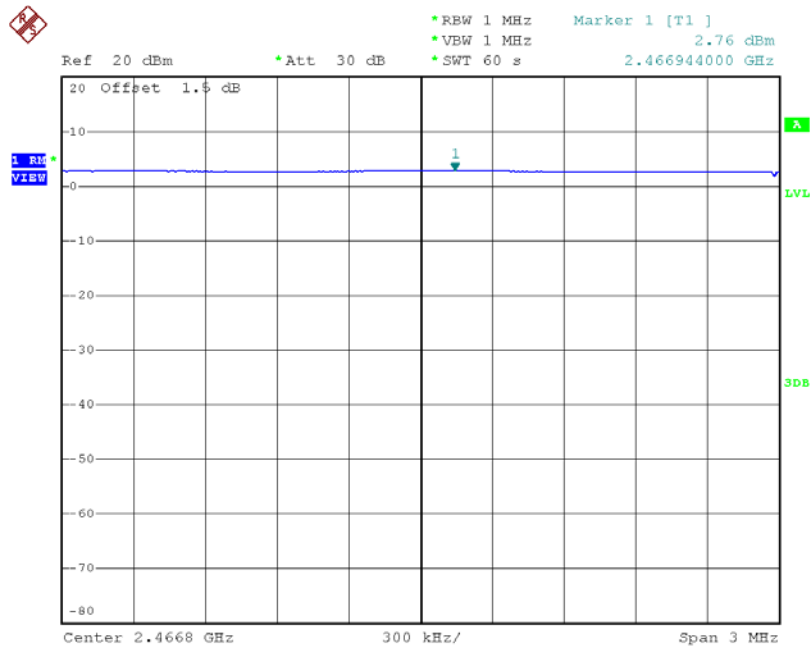
Date: 8.MAY.2018 10:27:29

Normal Voltage CH07



Date: 8.MAY.2018 10:30:20

Normal Voltage CH11



Date: 8.MAY.2018 10:33:16

APPENDIX E - LIMITATION OF COLLATERAL EMISSION OF RECEIVER

Test Mode:	802.11b/CH01,CH07,CH13
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Test Voltage		V	Normal Voltage			Remarks
Test Frequency		MHz	2412	2442	2472	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	※6	nW	0.0064	0.0063	0.0062	Limit \leq 4 nW (-54 dBm)
	※7	nW	1.1885	0.0378	0.0604	Limit \leq 20 nW (-47 dBm)

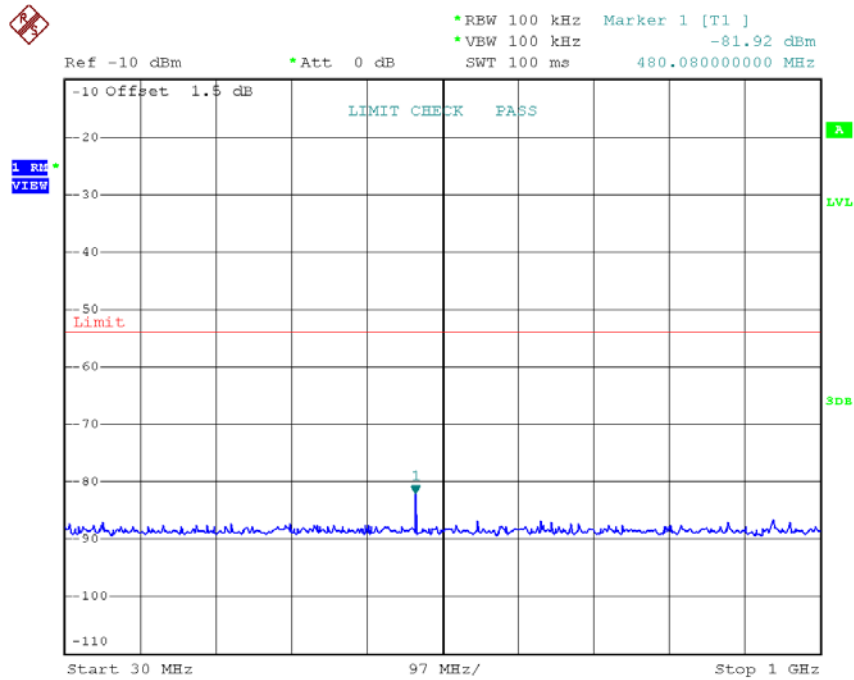
Note:

Emission value = SA measurement value + Directional gain + cable loss

Directional gain = $10 \log (\text{Ant } X)$

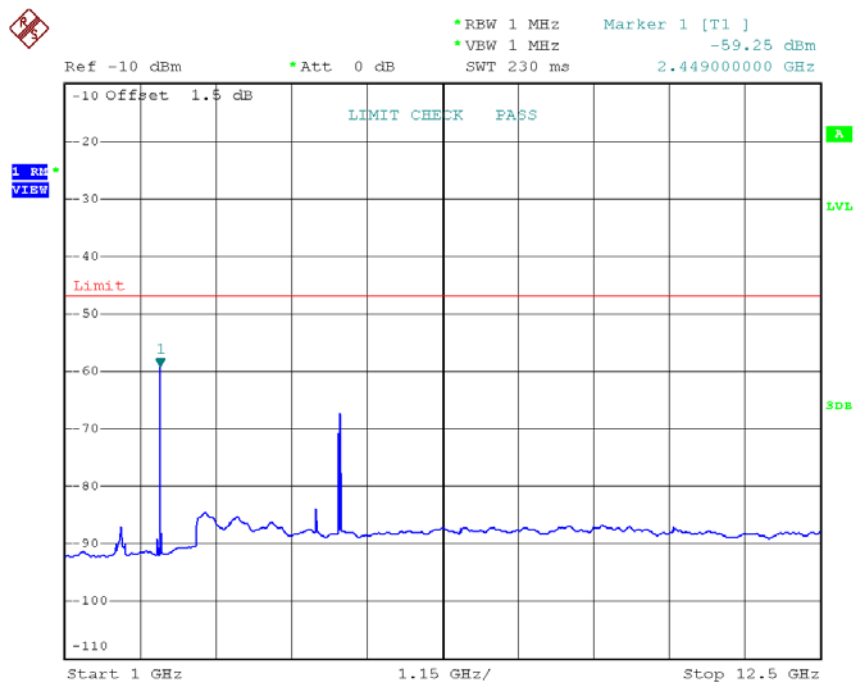
X = the total number of antennas

Normal Voltage
CH01- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



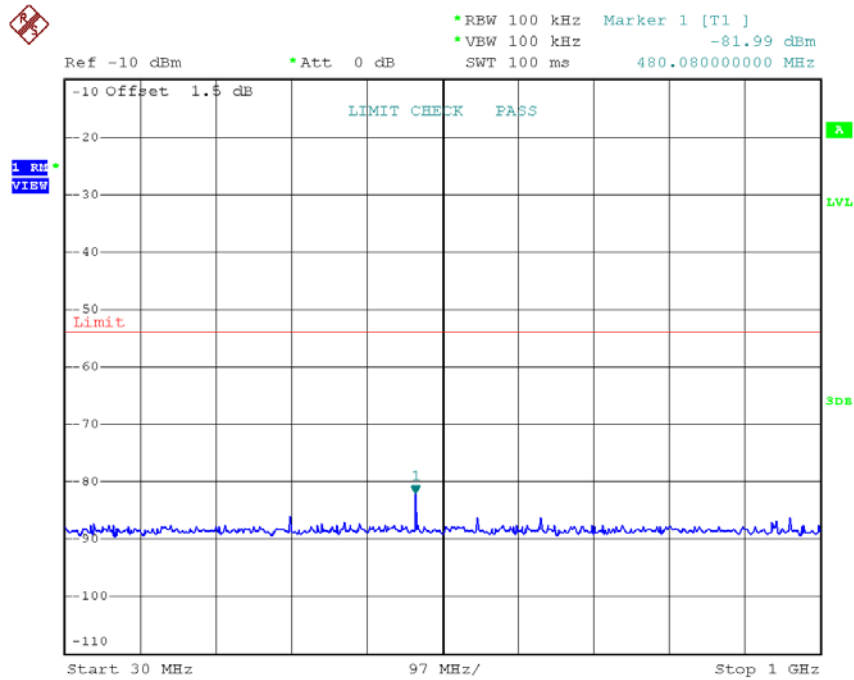
Date: 8.MAY.2018 10:36:40

Normal Voltage
CH01- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



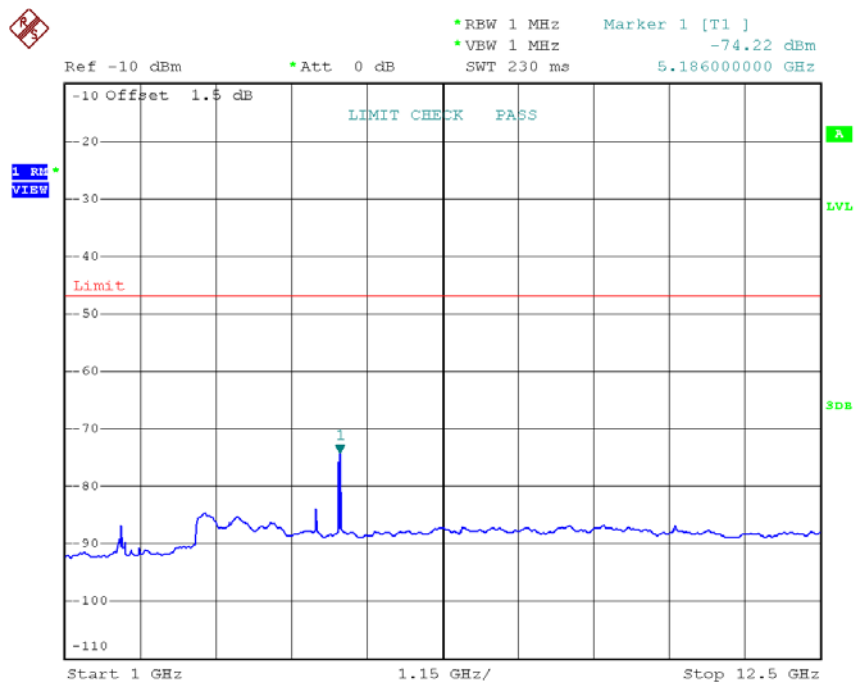
Date: 8.MAY.2018 10:36:52

Normal Voltage CH07- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



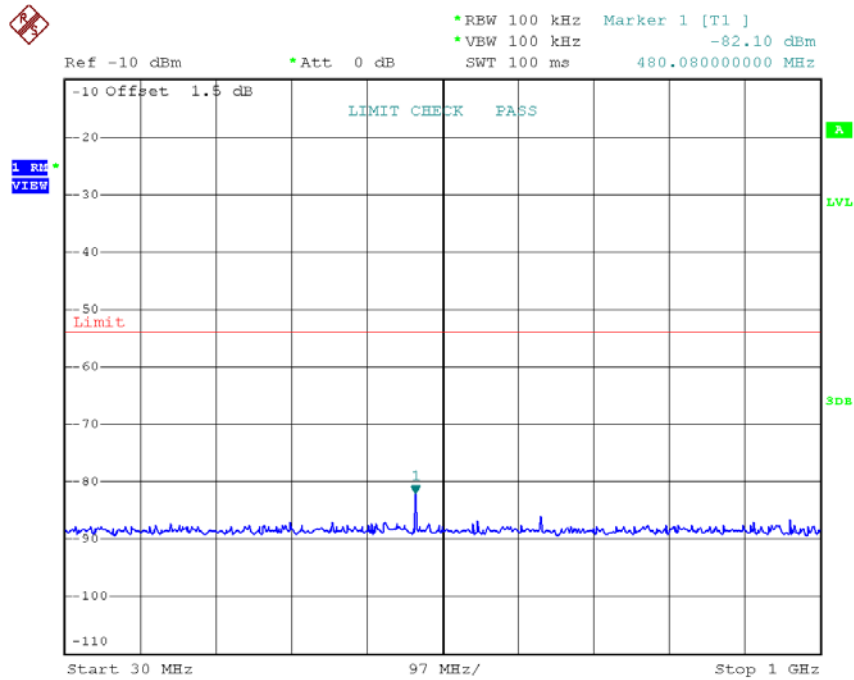
Date: 8.MAY.2018 10:37:08

Normal Voltage CH07- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



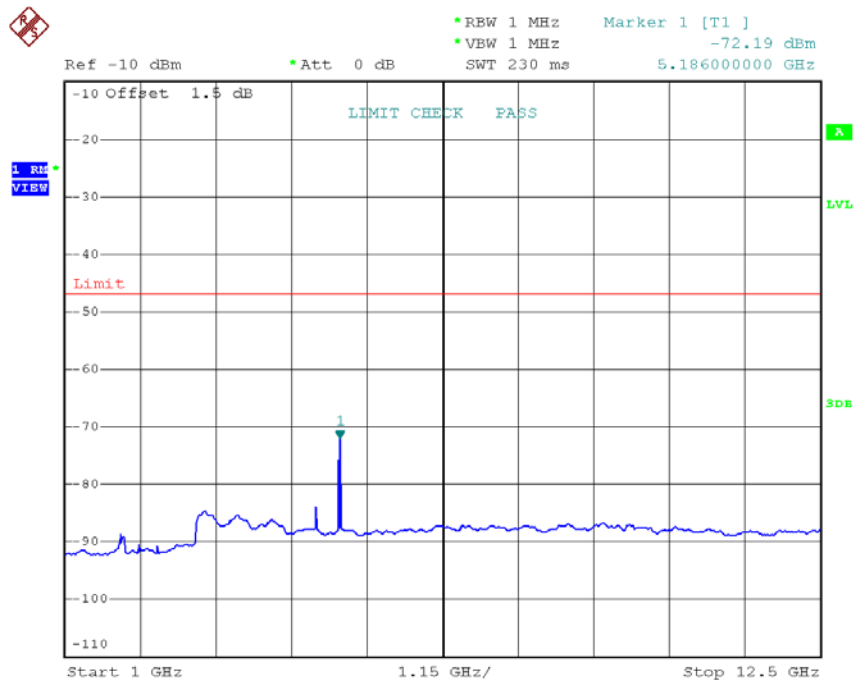
Date: 8.MAY.2018 10:37:19

Normal Voltage CH13- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



Date: 8.MAY.2018 10:37:41

Normal Voltage CH13- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



Date: 8.MAY.2018 10:37:53

Test Mode:	802.11g/CH01,CH07,CH13
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Test Voltage		V	Normal Voltage			Remarks
Test Frequency		MHz	2412	2442	2472	Low/Mid/High of test frequency range
Limitation of Collateral	※6	nW	0.0063	0.0063	0.0068	Limit \leq 4 nW (-54 dBm)
Emission of Receiver	※7	nW	0.0168	0.0721	0.0393	Limit \leq 20 nW (-47 dBm)

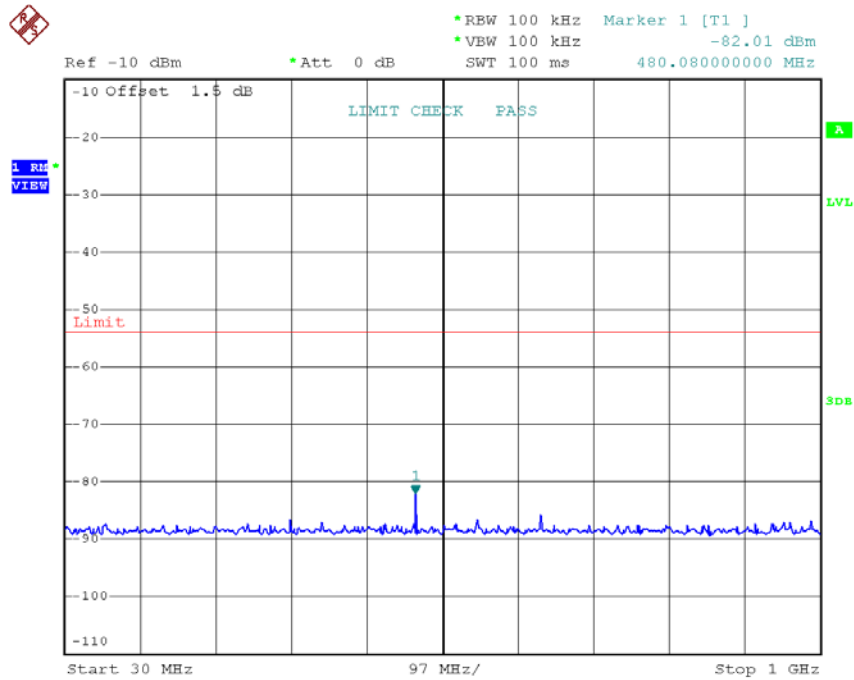
Note:

Emission value = SA measurement value + Directional gain + cable loss

Directional gain = $10 \log (\text{Ant } X)$

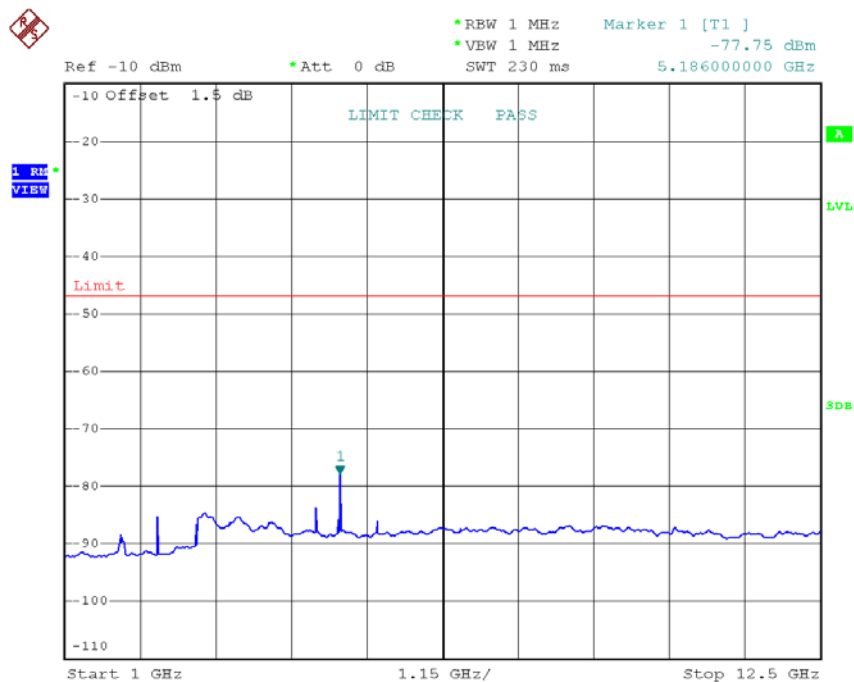
X = the total number of antennas

Normal Voltage CH01- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



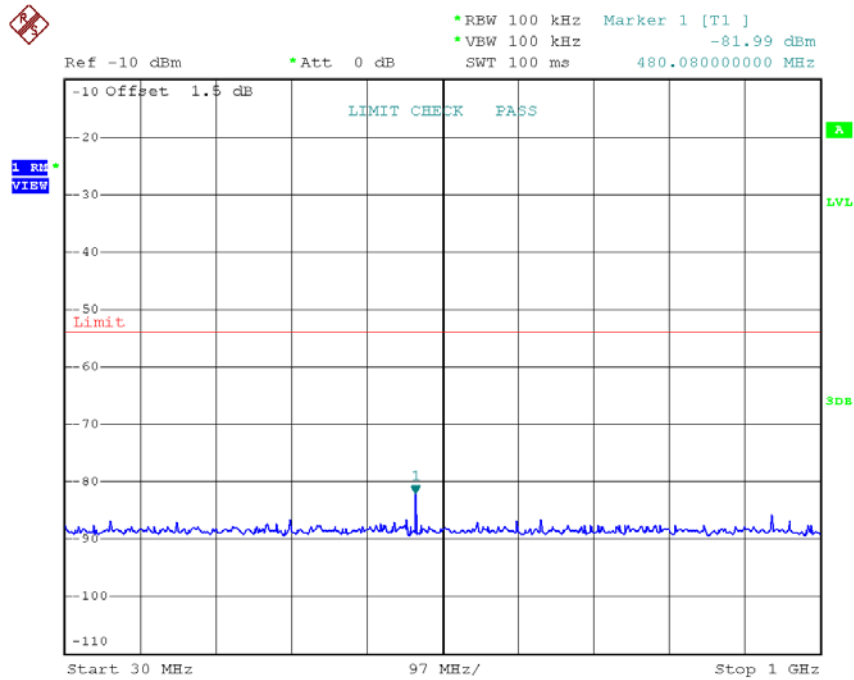
Date: 8.MAY.2018 10:38:06

Normal Voltage CH01- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



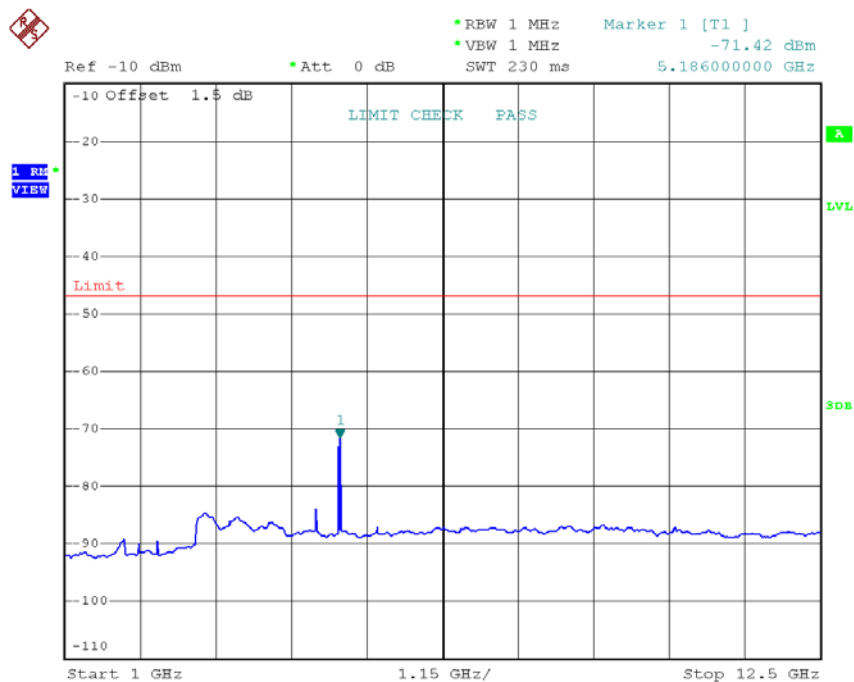
Date: 8.MAY.2018 10:38:18

Normal Voltage
CH07- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



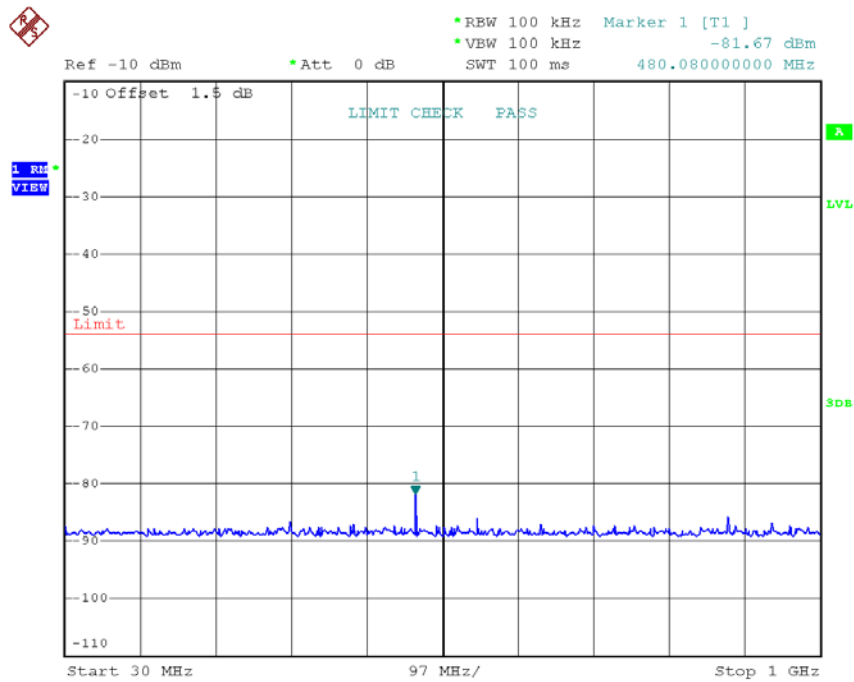
Date: 8.MAY.2018 10:38:37

Normal Voltage
CH07- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



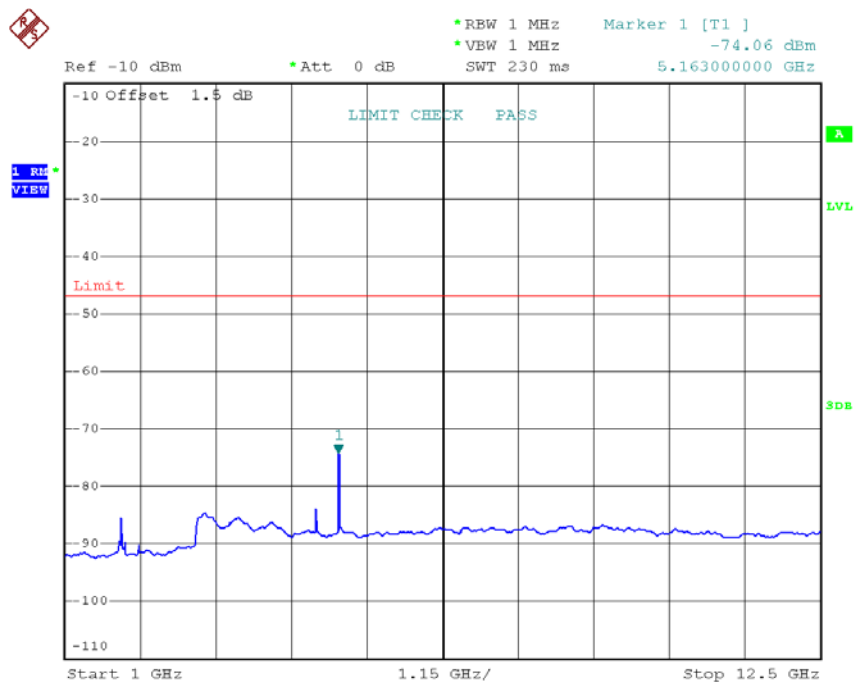
Date: 8.MAY.2018 10:38:49

Normal Voltage
CH13- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



Date: 8.MAY.2018 10:39:02

Normal Voltage
CH13- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



Date: 8.MAY.2018 10:39:13

Test Mode:	802.11n(HT20)/CH01,CH07,CH13
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Test Voltage		V	Normal Voltage			Remarks
Test Frequency		MHz	2412	2442	2472	Low/Mid/Low of test frequency range
Limitation of Collateral	※6	nW	0.0063	0.0063	0.0065	Limit \leq 4 nW (-54 dBm)
Emission of Receiver	※7	nW	0.0229	0.0546	0.0212	Limit \leq 20 nW (-47 dBm)

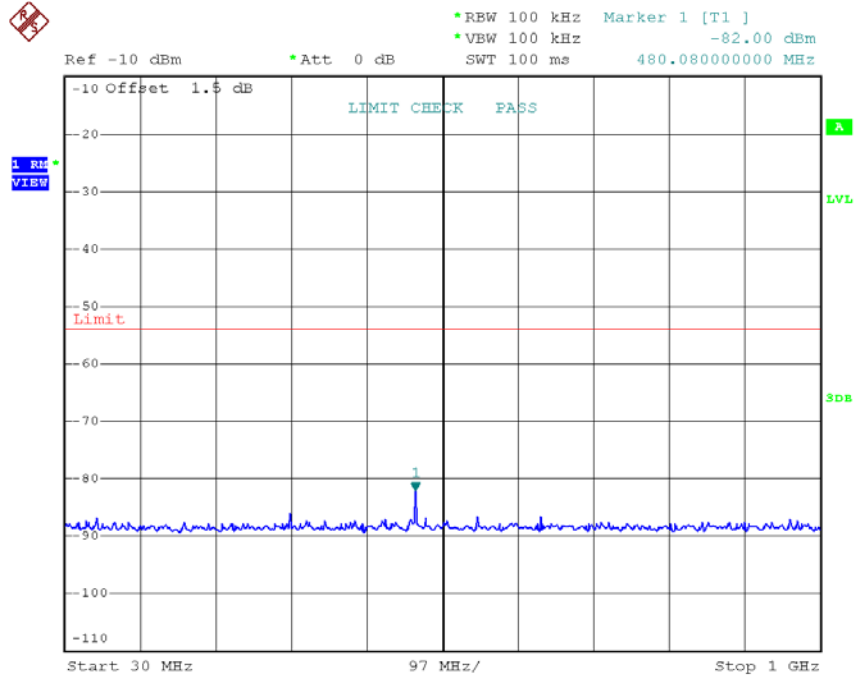
Note:

Emission value = SA measurement value + Directional gain + cable loss

Directional gain = $10 \log (\text{Ant } X)$

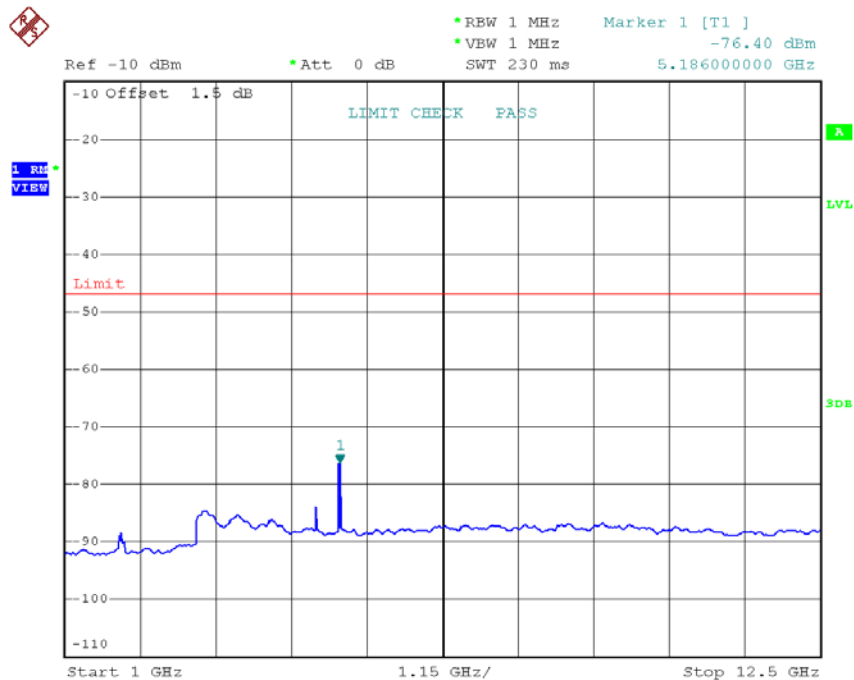
X = the total number of antennas

Normal Voltage
CH01- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



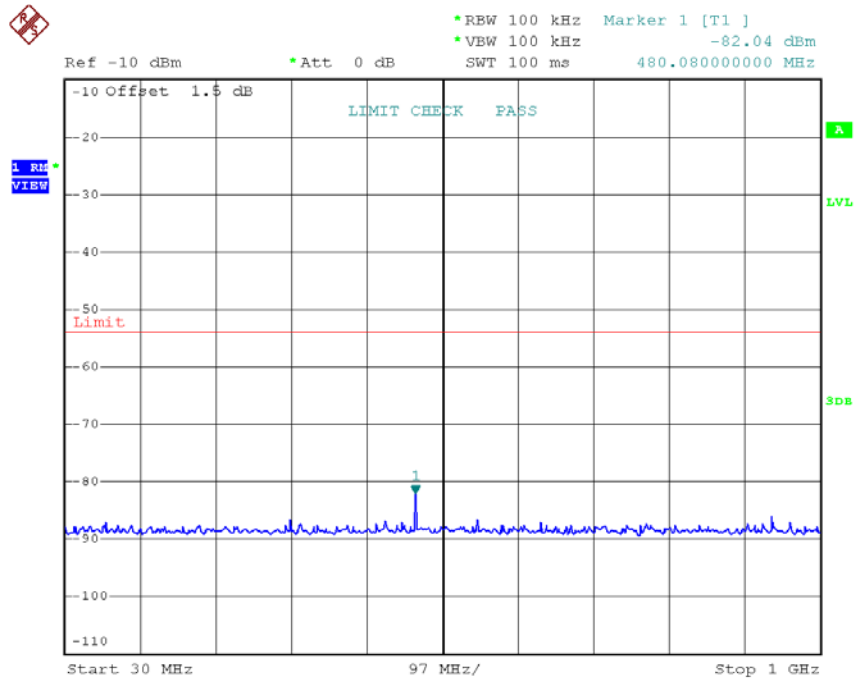
Date: 8.MAY.2018 10:39:27

Normal Voltage
CH01- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



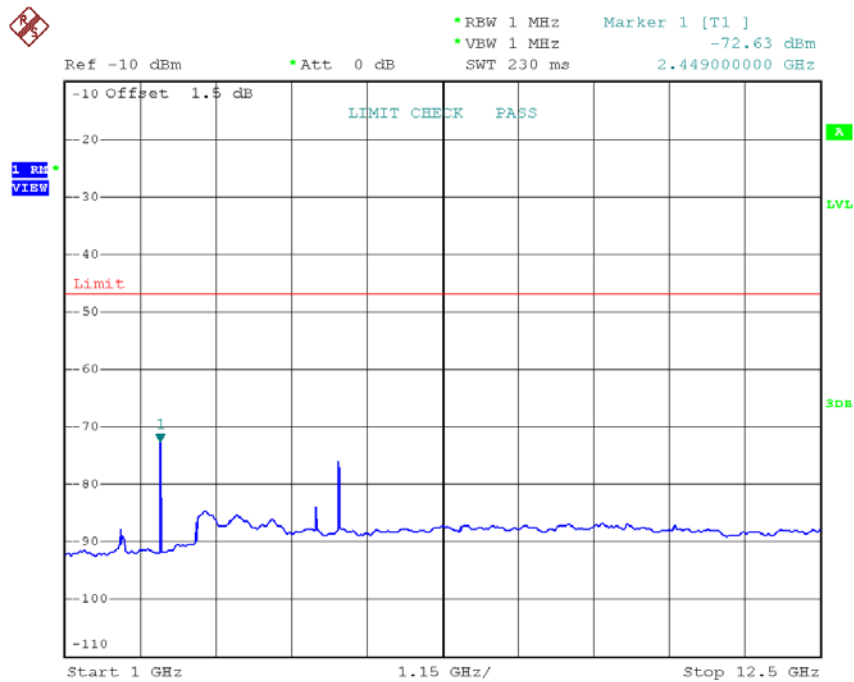
Date: 8.MAY.2018 10:39:38

Normal Voltage
CH07- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



Date: 8.MAY.2018 10:39:51

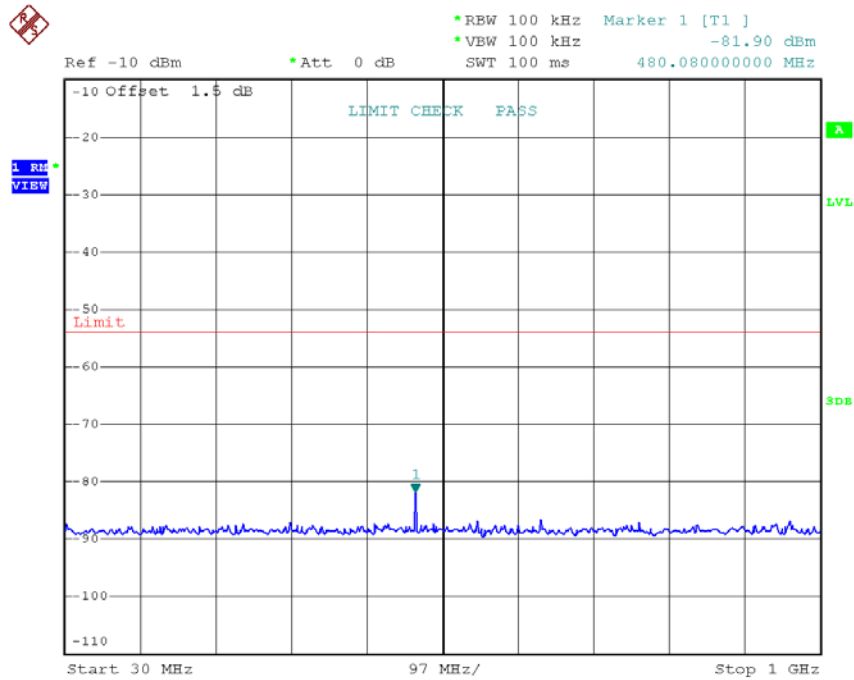
Normal Voltage
CH07- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



Date: 8.MAY.2018 10:40:02

Normal Voltage

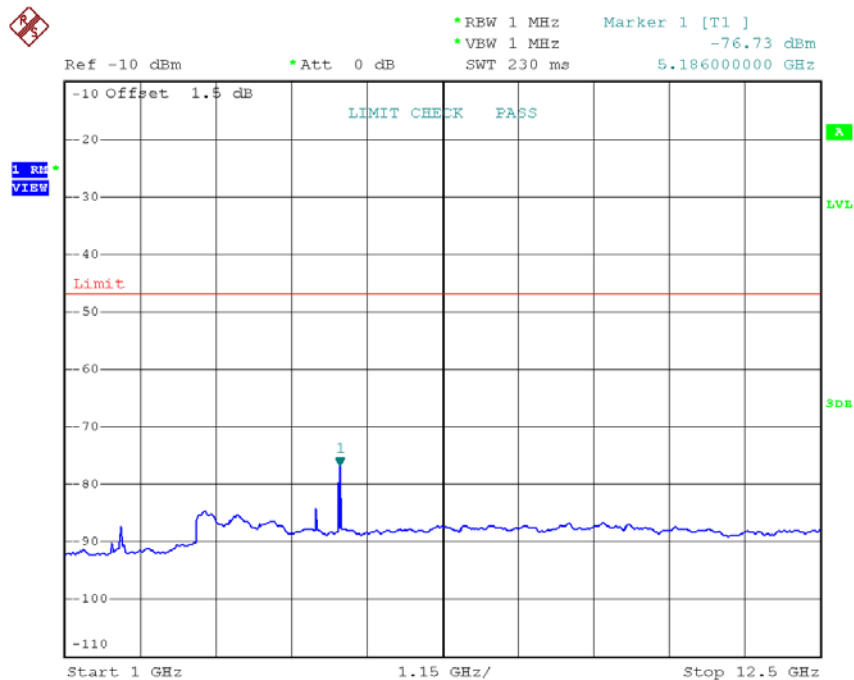
CH13- Frequency Band 6 ($30 \text{ MHz} \leq f < 1000 \text{ MHz}$)



Date: 8.MAY.2018 10:40:17

Normal Voltage

CH13- Frequency Band 7 ($1000 \text{ MHz} \leq f < 12.5 \text{ GHz}$)



Date: 8.MAY.2018 10:40:28

Test Mode:	802.11n(HT40)/CH03,CH07,CH11
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Test Voltage		V	Normal Voltage			Remarks
Test Frequency		MHz	2422	2442	2462	Low/Mid/Low of test frequency range
Limitation of Collateral	※6	nW	0.0059	0.0061	0.0064	Limit \leq 4 nW (-54 dBm)
Emission of Receiver	※7	nW	2.5527	0.0428	0.0656	Limit \leq 20 nW (-47 dBm)

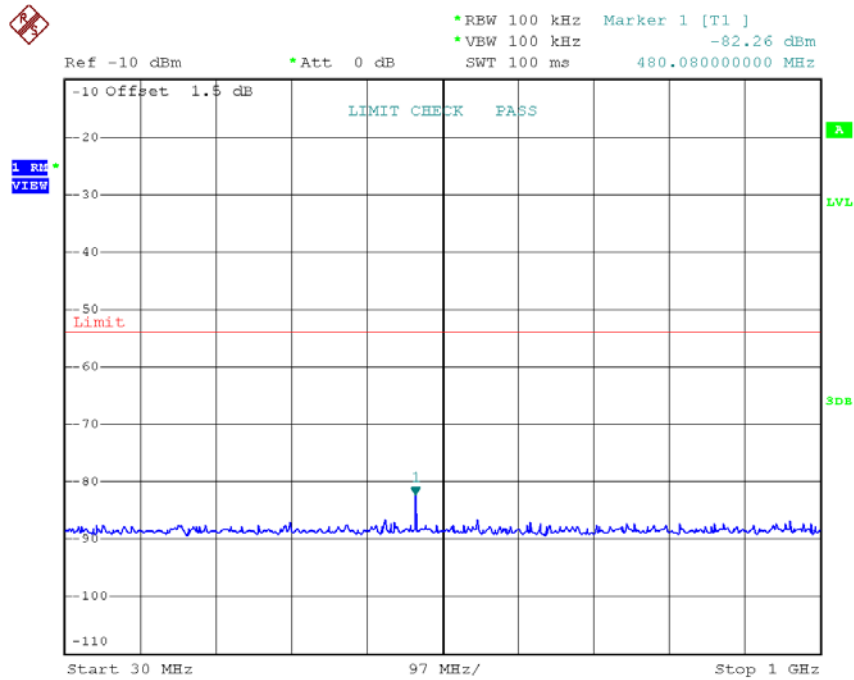
Note:

Emission value = SA measurement value + Directional gain + cable loss

Directional gain = $10 \log (\text{Ant } X)$

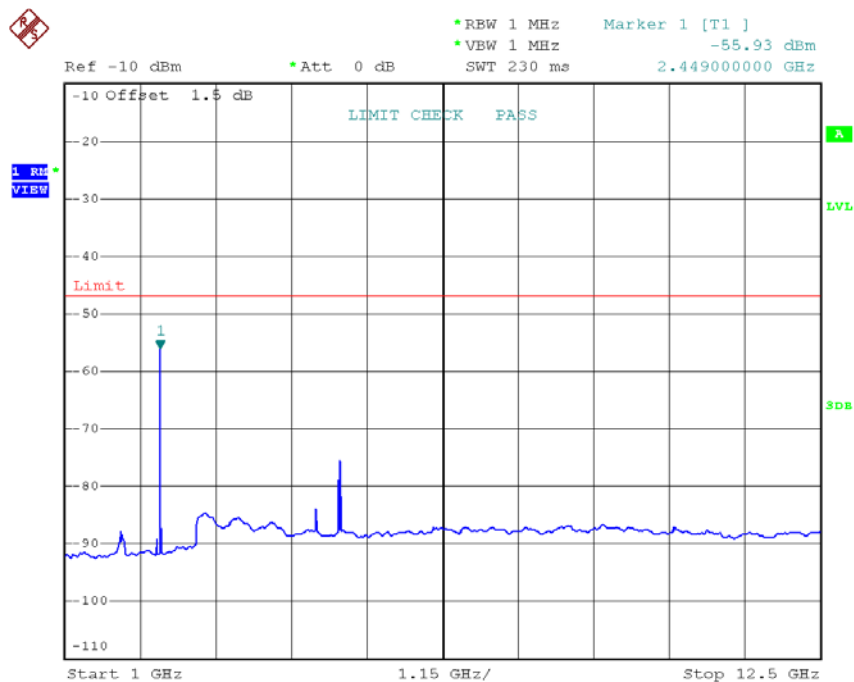
X = the total number of antennas

Normal Voltage
CH03- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



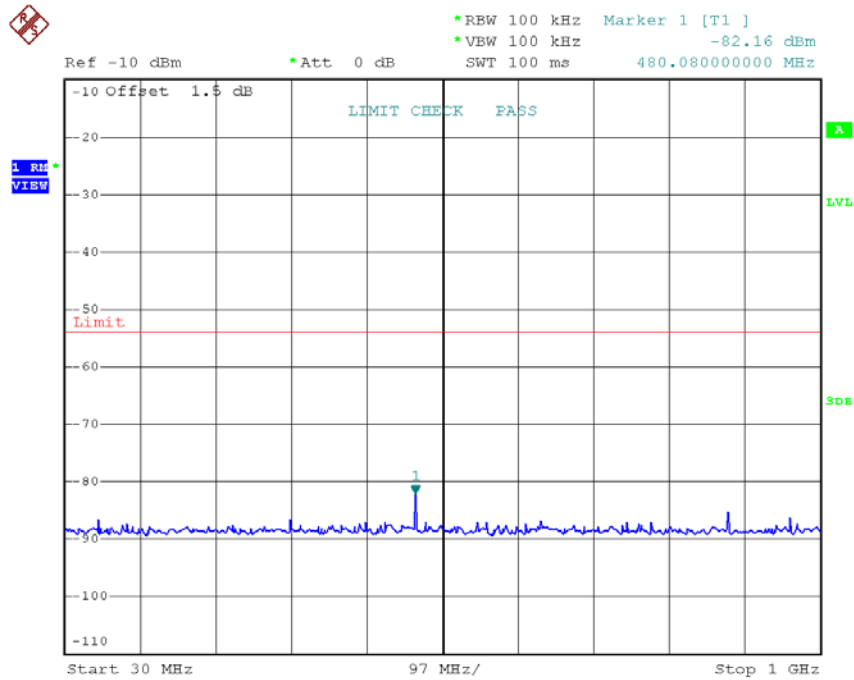
Date: 8.MAY.2018 10:40:42

Normal Voltage
CH03- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



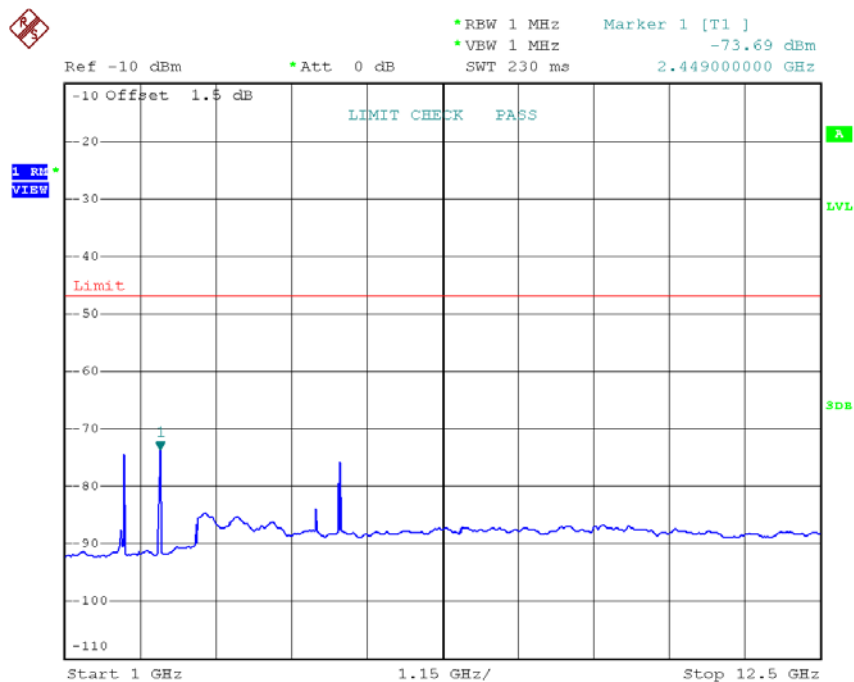
Date: 8.MAY.2018 10:40:53

Normal Voltage CH07- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



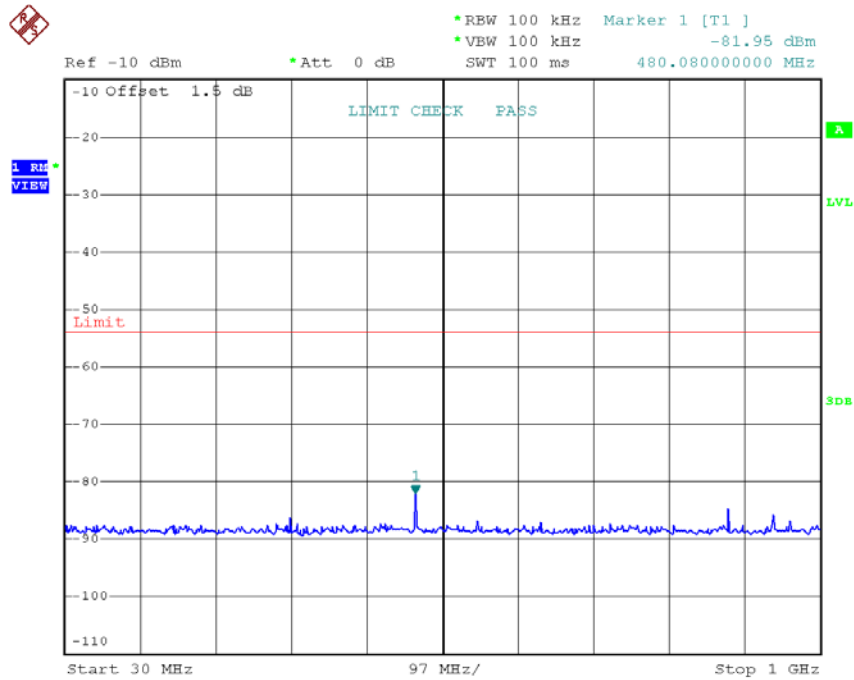
Date: 8.MAY.2018 10:41:06

Normal Voltage CH07- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



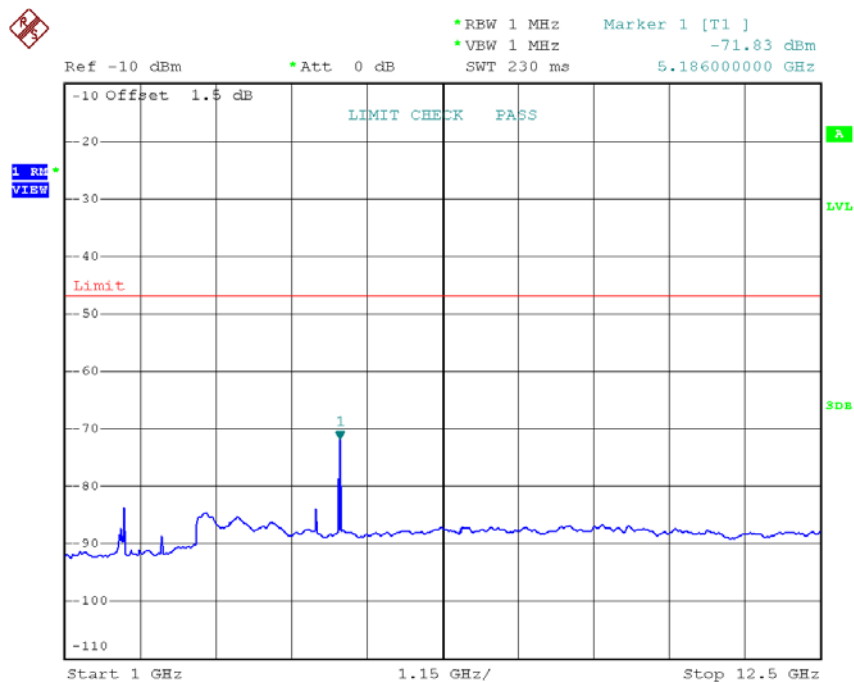
Date: 8.MAY.2018 10:41:18

Normal Voltage CH11- Frequency Band 6 (30 MHz \leq f < 1000 MHz)



Date: 8.MAY.2018 10:41:41

Normal Voltage CH11- Frequency Band 7 (1000 MHz \leq f < 12.5 GHz)



Date: 8.MAY.2018 10:41:52