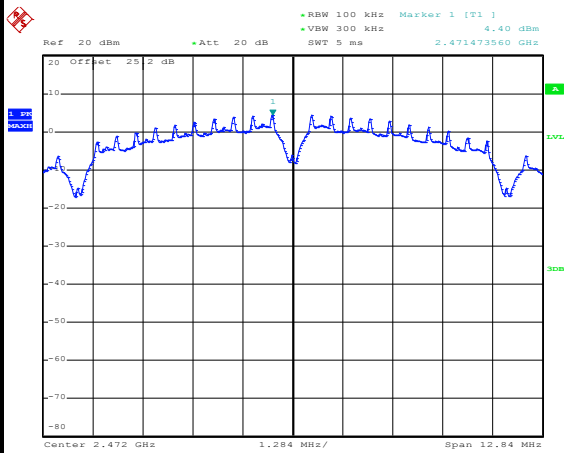




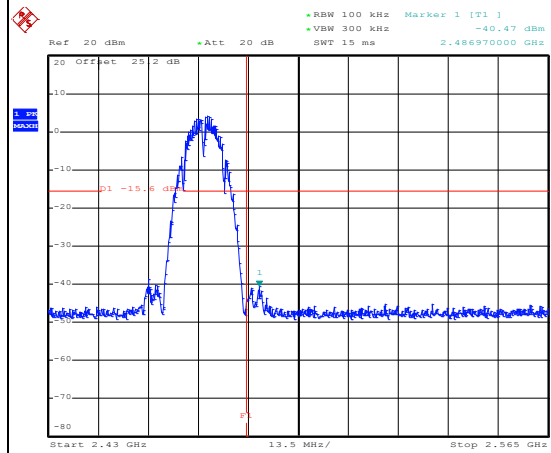
Test Mode :	802.11b	Test Channel :	13
-------------	---------	----------------	----

100kHz PSD reference Level



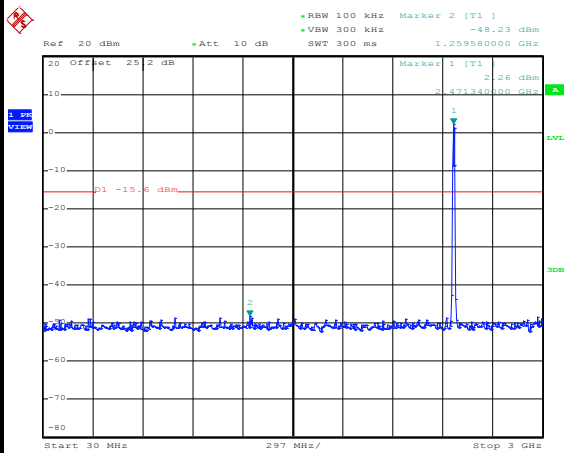
Date: 16.JUL.2018 23:33:20

Channel Plot



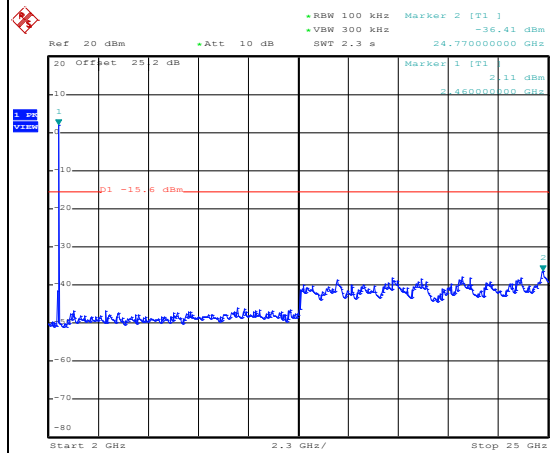
Date: 16.JUL.2018 23:34:01

Spurious Emission 30MHz~3GHz



Date: 16.JUL.2018 23:34:26

Spurious Emission 2GHz~25GHz

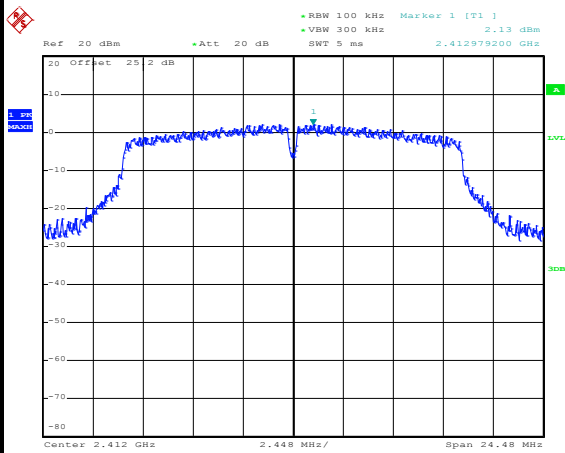


Date: 16.JUL.2018 23:34:40



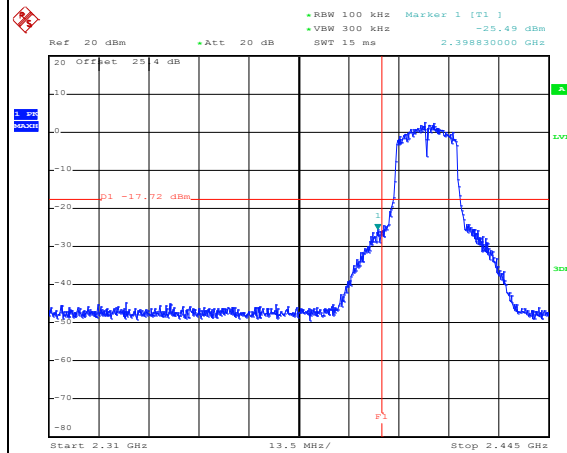
Test Mode :	802.11g	Test Channel :	01
-------------	---------	----------------	----

100kHz PSD reference Level



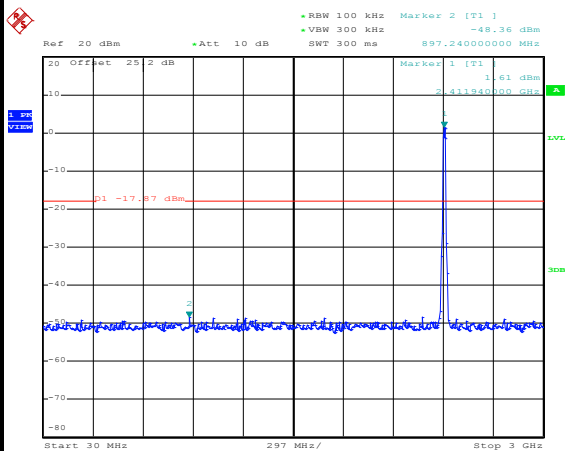
Date: 17.JUL.2018 00:10:32

Channel Plot



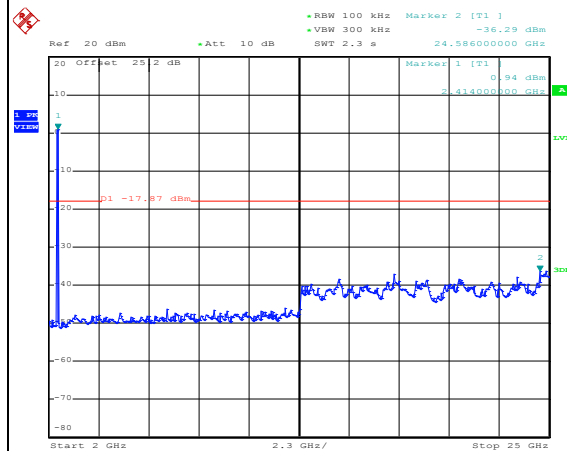
Date: 3.AUG.2018 03:01:59

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 00:11:35

Spurious Emission 2GHz~25GHz

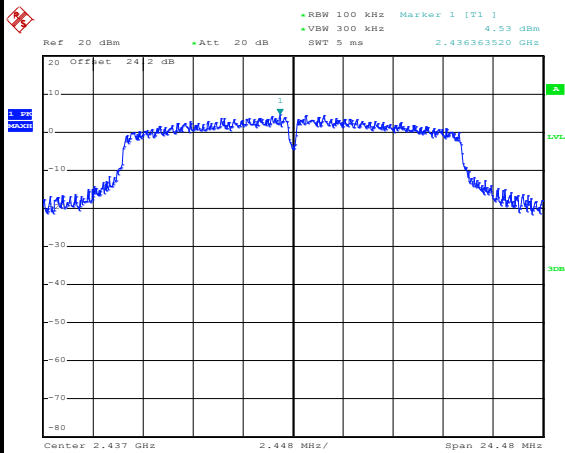


Date: 17.JUL.2018 00:11:59



Test Mode :	802.11g	Test Channel :	06
-------------	---------	----------------	----

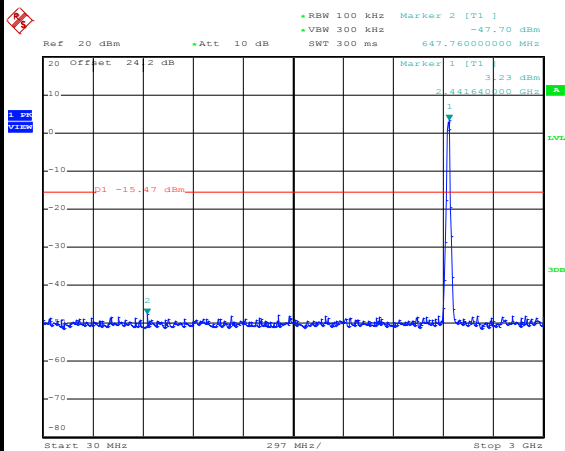
100kHz PSD reference Level



Date: 27.JUL.2018 02:37:49

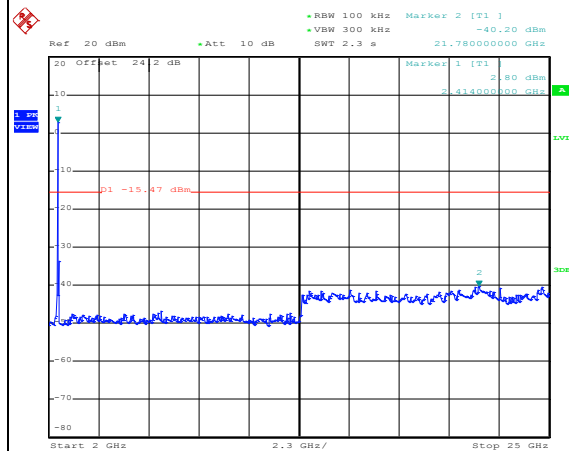
Channel Plot

Spurious Emission 30MHz~3GHz



Date: 27.JUL.2018 02:39:26

Spurious Emission 2GHz~25GHz

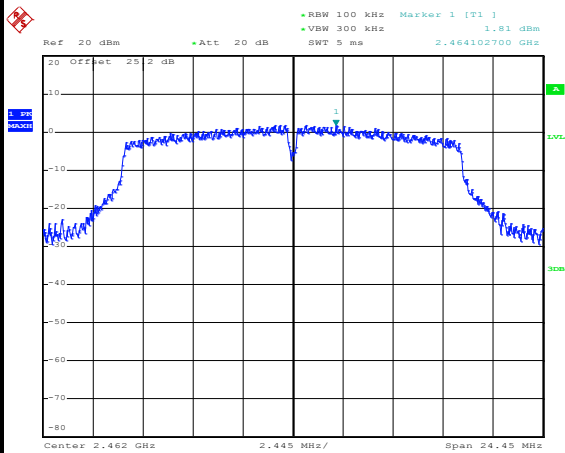


Date: 27.JUL.2018 02:39:40



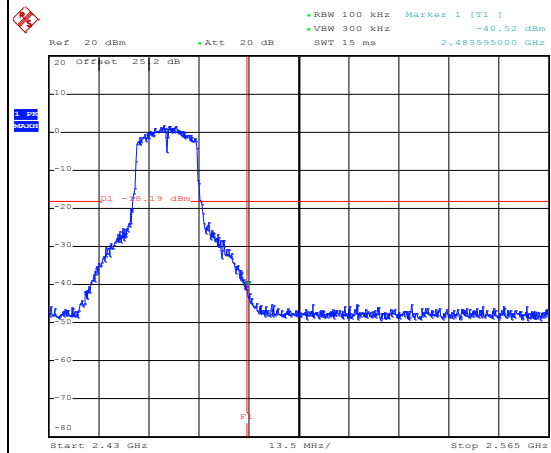
Test Mode :	802.11g	Test Channel :	11
-------------	---------	----------------	----

100kHz PSD reference Level



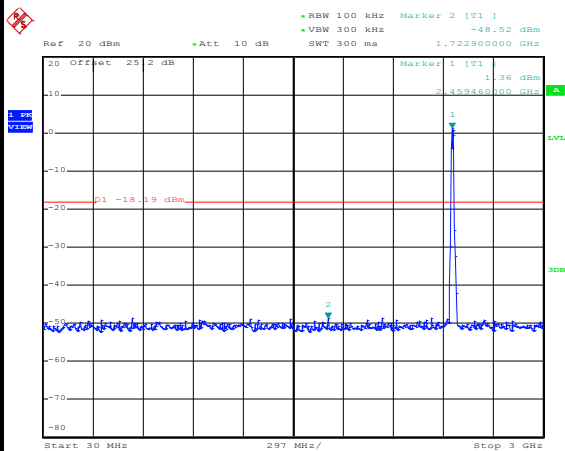
Date: 17.JUL.2018 00:20:57

Channel Plot



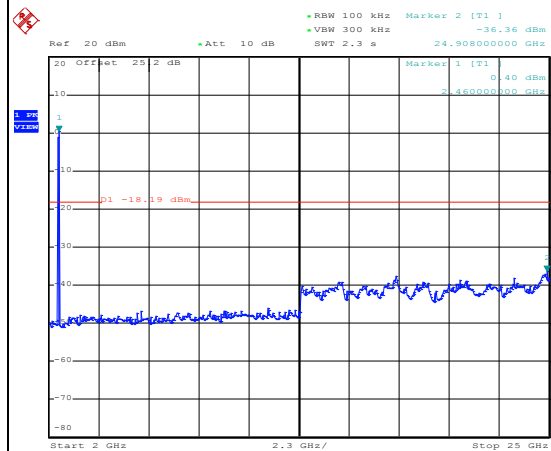
Date: 17.JUL.2018 00:21:19

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 00:21:49

Spurious Emission 2GHz~25GHz

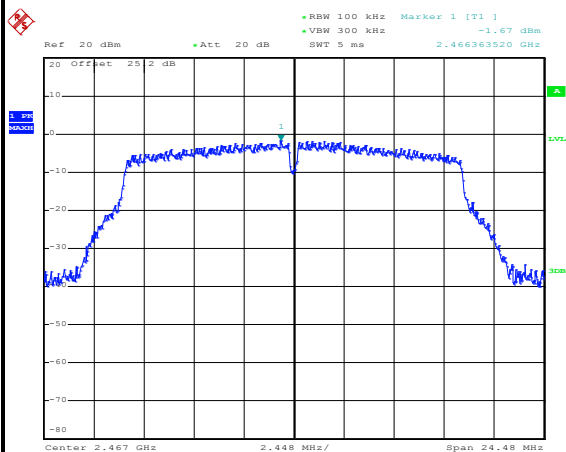


Date: 17.JUL.2018 00:22:04



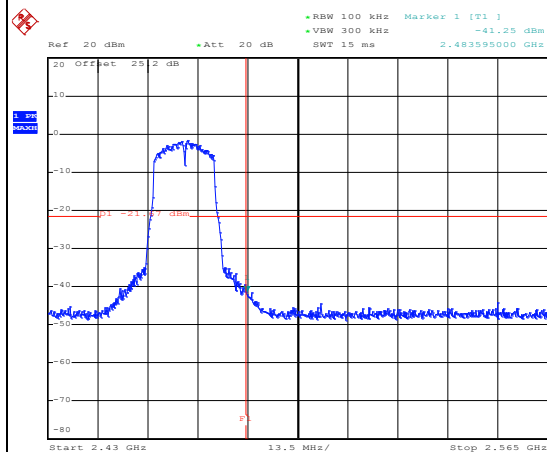
Test Mode :	802.11g	Test Channel :	12
-------------	---------	----------------	----

100kHz PSD reference Level



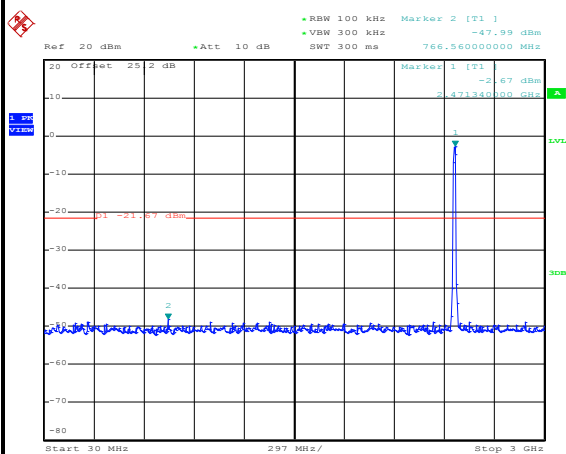
Date: 17.JUL.2018 00:25:36

Channel Plot



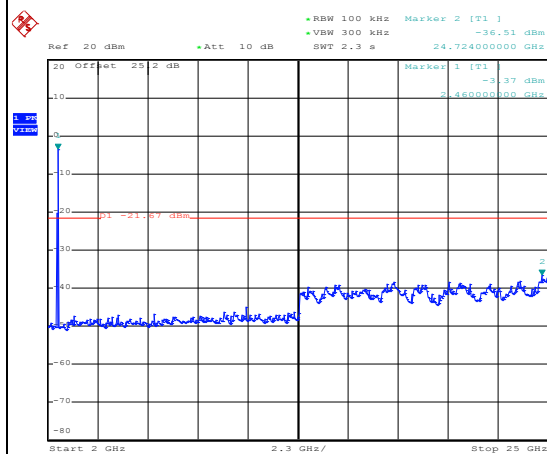
Date: 17.JUL.2018 00:28:41

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 00:25:55

Spurious Emission 2GHz~25GHz

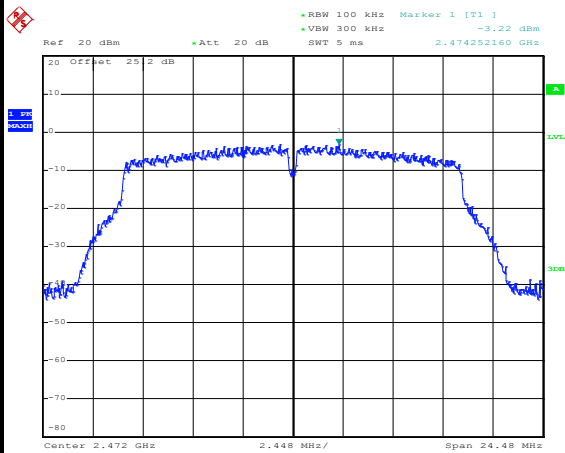


Date: 17.JUL.2018 00:26:13

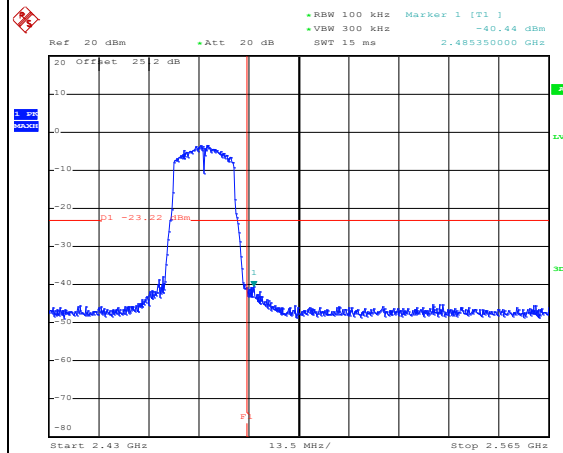


Test Mode :	802.11g	Test Channel :	13
-------------	---------	----------------	----

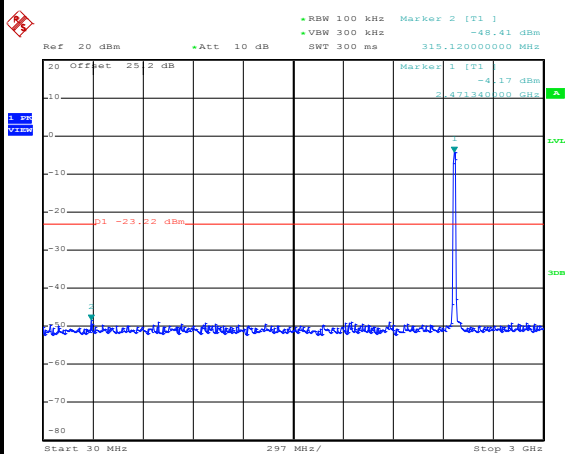
100kHz PSD reference Level



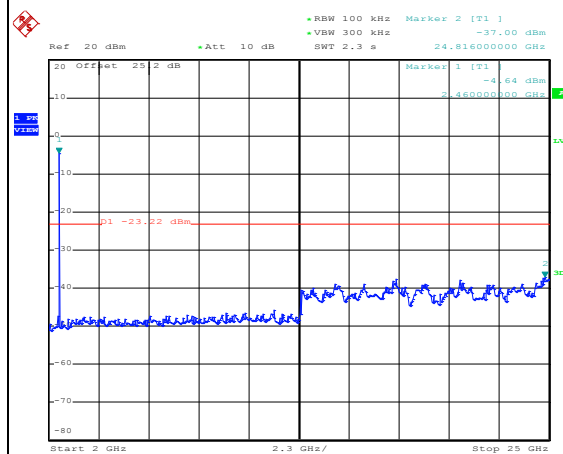
Channel Plot



Spurious Emission 30MHz~3GHz



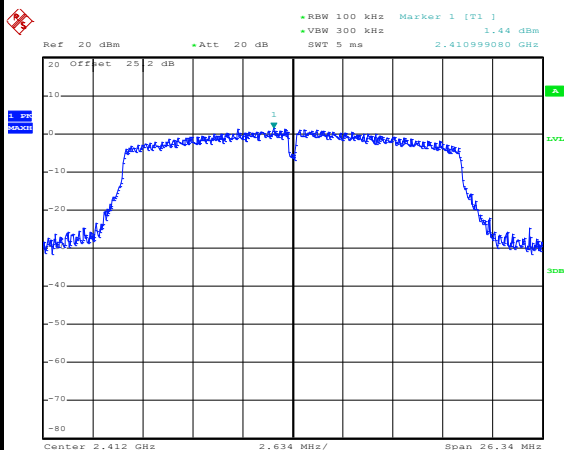
Spurious Emission 2GHz~25GHz





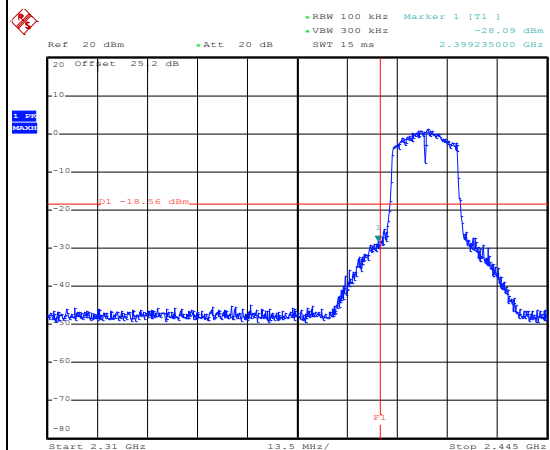
Test Mode :	802.11n HT20	Test Channel :	01
-------------	--------------	----------------	----

100kHz PSD reference Level



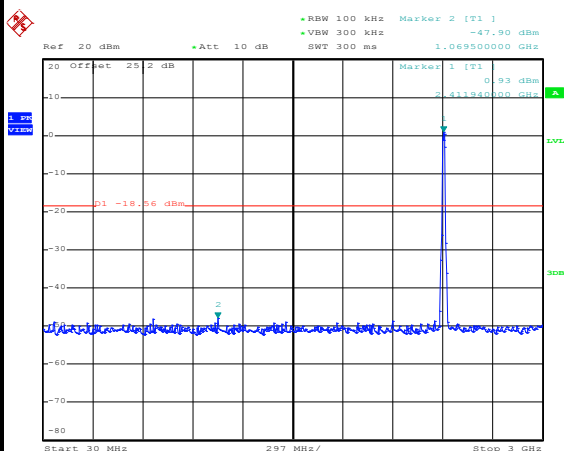
Date: 17.JUL.2018 01:13:24

Channel Plot



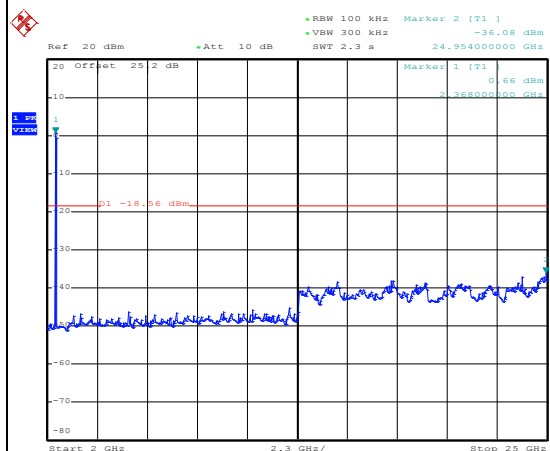
Date: 17.JUL.2018 01:13:43

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 01:14:07

Spurious Emission 2GHz~25GHz

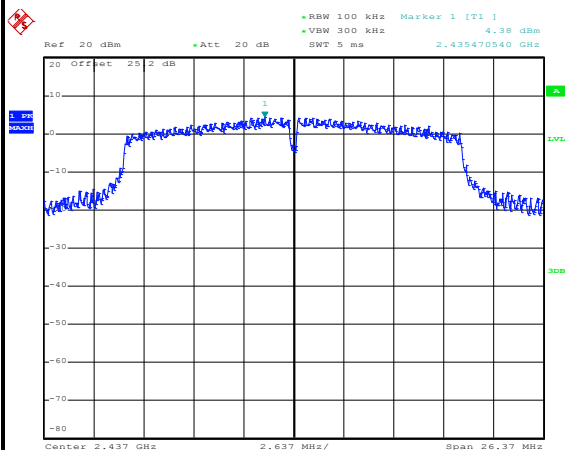


Date: 17.JUL.2018 01:14:24



Test Mode :	802.11n HT20	Test Channel :	06
-------------	--------------	----------------	----

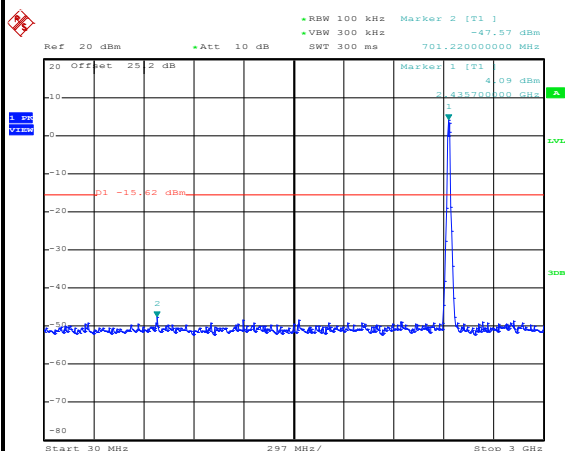
100kHz PSD reference Level



Date: 17.JUL.2018 01:22:02

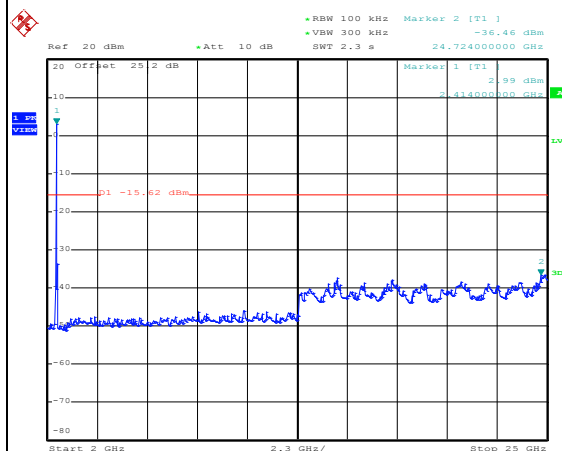
Channel Plot

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 01:22:49

Spurious Emission 2GHz~25GHz

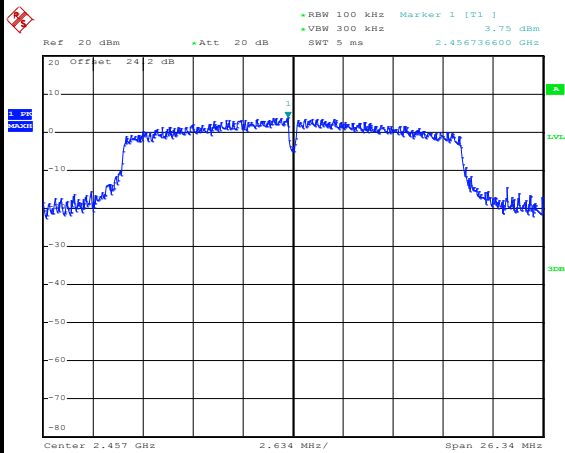


Date: 17.JUL.2018 01:23:05



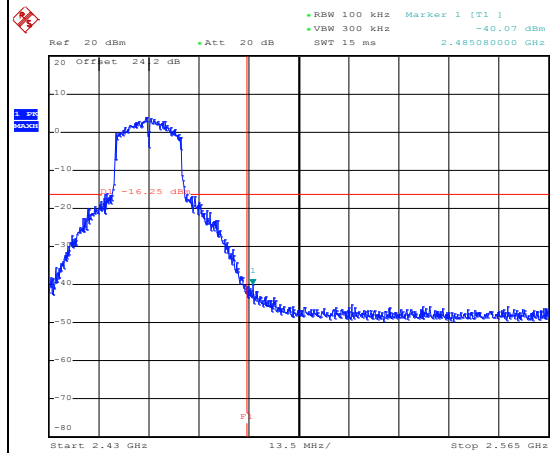
Test Mode :	802.11n HT20	Test Channel :	10
-------------	--------------	----------------	----

100kHz PSD reference Level



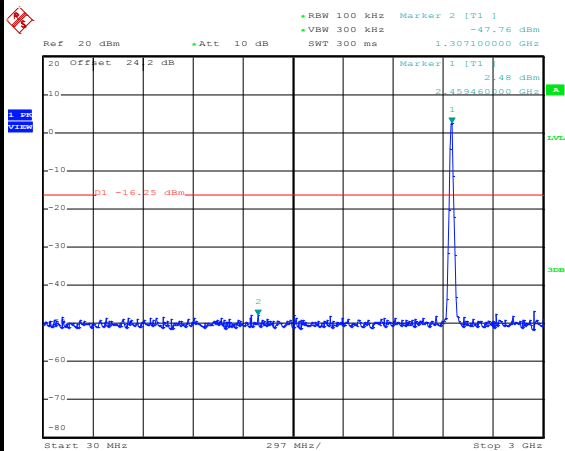
Date: 27.JUL.2018 02:42:35

Channel Plot



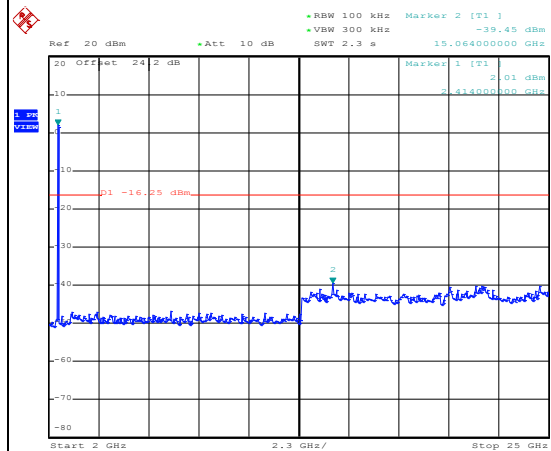
Date: 27.JUL.2018 02:43:12

Spurious Emission 30MHz~3GHz



Date: 27.JUL.2018 02:43:35

Spurious Emission 2GHz~25GHz

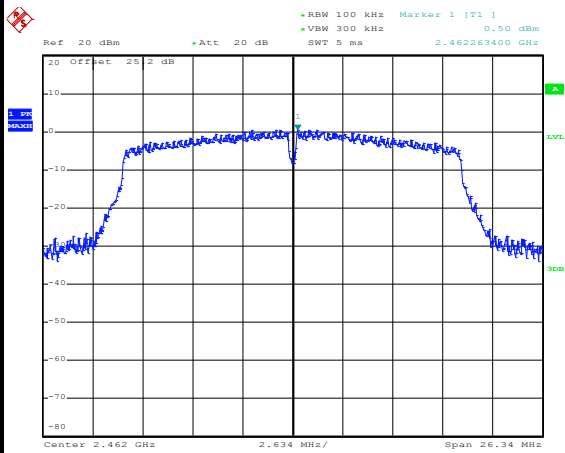


Date: 27.JUL.2018 02:43:50



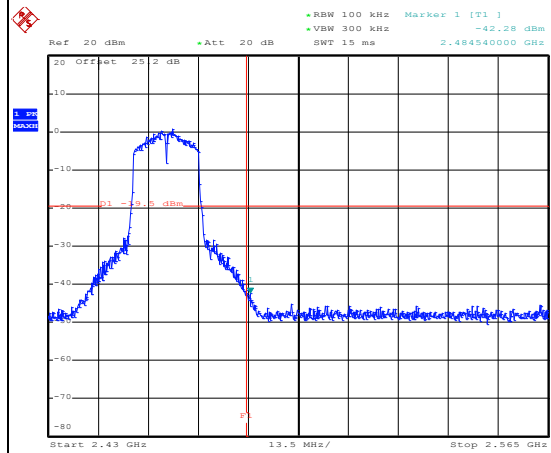
Test Mode :	802.11n HT20	Test Channel :	11
-------------	--------------	----------------	----

100kHz PSD reference Level



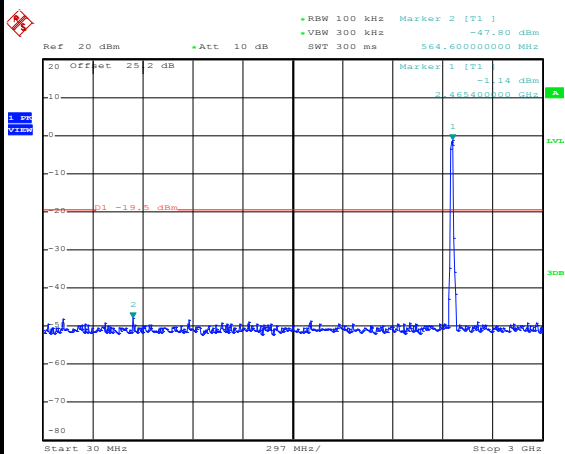
Date: 17.JUL.2018 01:30:36

Channel Plot



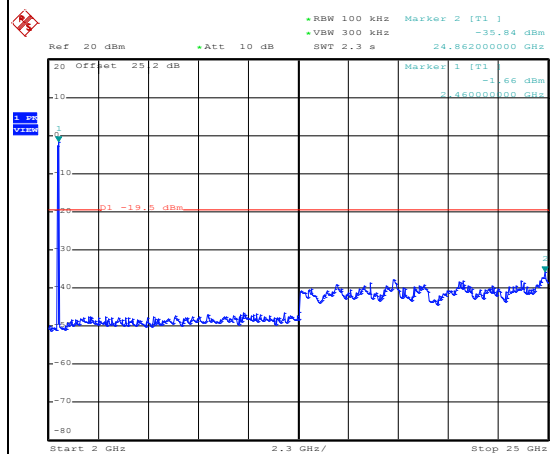
Date: 17.JUL.2018 01:32:00

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 01:32:53

Spurious Emission 2GHz~25GHz

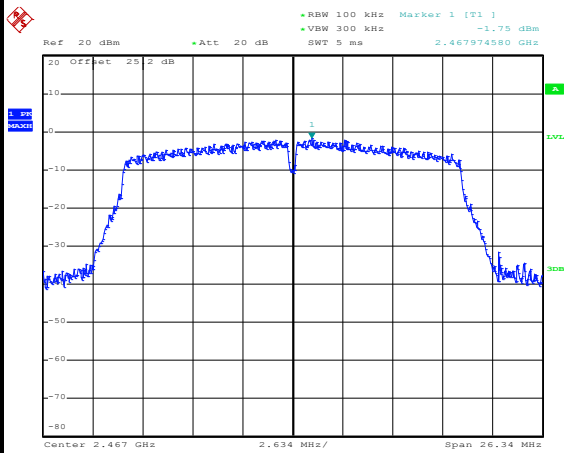


Date: 17.JUL.2018 01:33:09



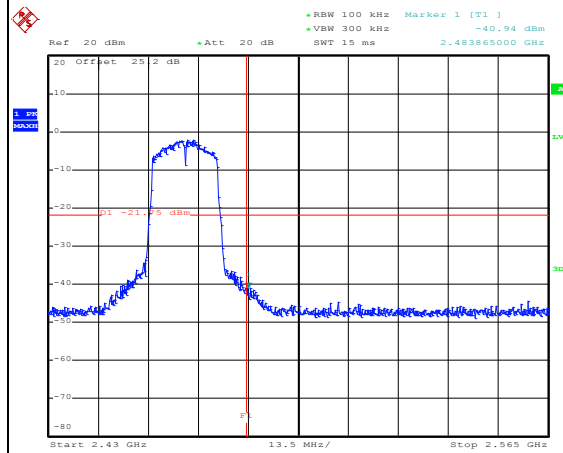
Test Mode :	802.11n HT20	Test Channel :	12
-------------	--------------	----------------	----

100kHz PSD reference Level



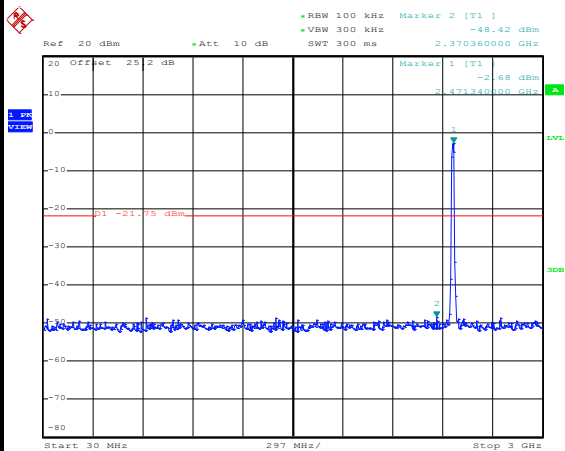
Date: 17.JUL.2018 01:36:05

Channel Plot



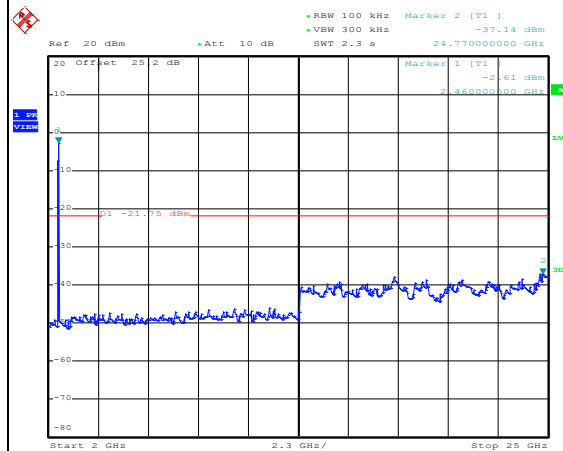
Date: 17.JUL.2018 01:41:16

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 01:37:07

Spurious Emission 2GHz~25GHz

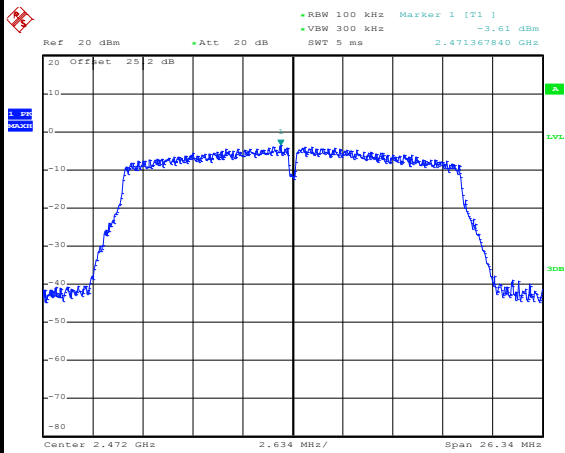


Date: 17.JUL.2018 01:37:32



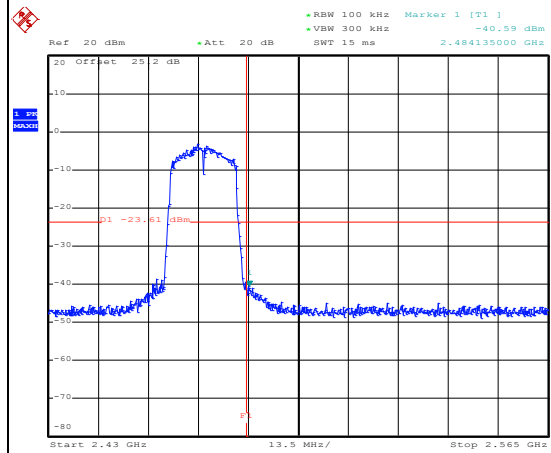
Test Mode :	802.11n HT20	Test Channel :	13
-------------	--------------	----------------	----

100kHz PSD reference Level



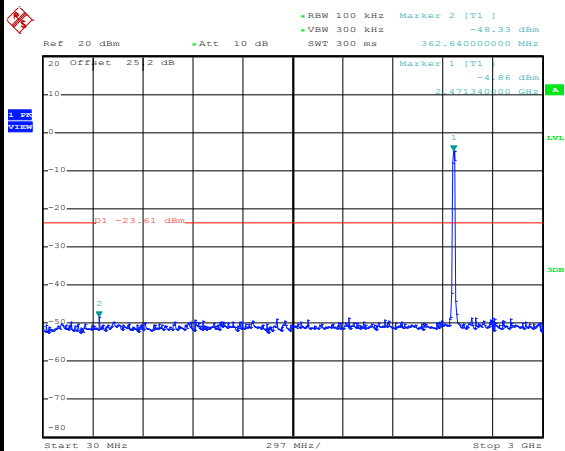
Date: 17.JUL.2018 01:49:49

Channel Plot



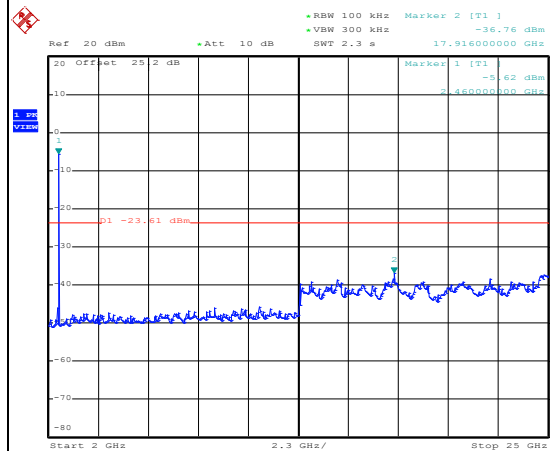
Date: 17.JUL.2018 01:50:49

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 01:51:07

Spurious Emission 2GHz~25GHz



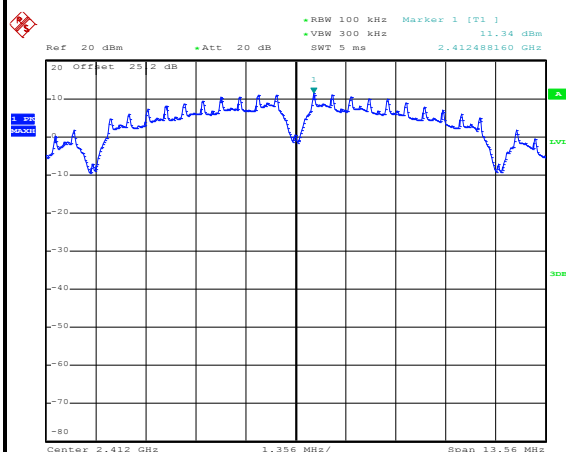
Date: 17.JUL.2018 01:51:29



Number of TX = 1, Ant. 2 (Measured)

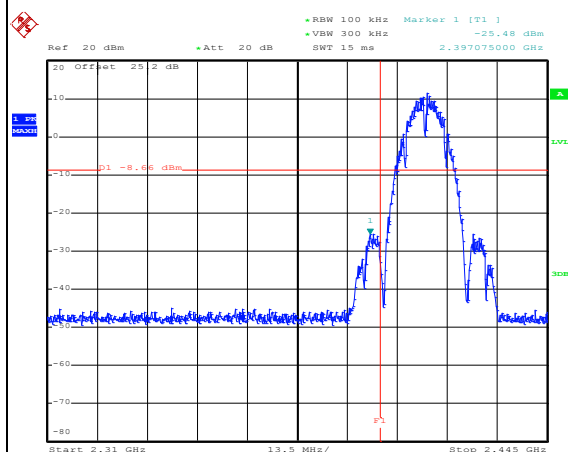
Test Mode :	802.11b	Test Channel :	01
-------------	---------	----------------	----

100kHz PSD reference Level



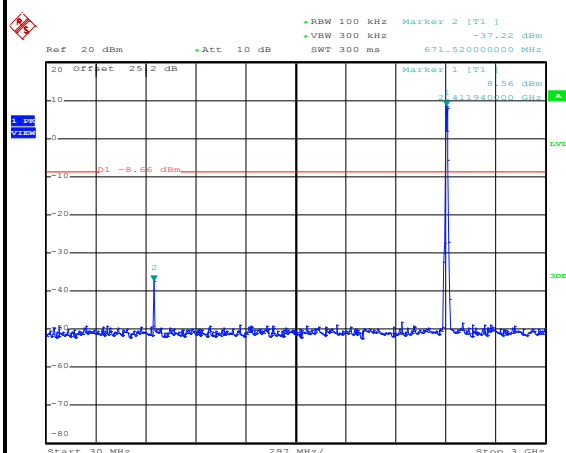
Date: 16.JUL.2018 23:40:14

Channel Plot



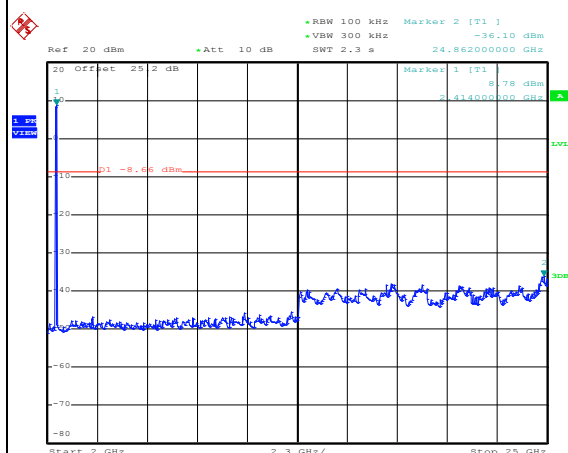
Date: 16.JUL.2018 23:40:29

Spurious Emission 30MHz~3GHz



Date: 16.JUL.2018 23:40:59

Spurious Emission 2GHz~25GHz

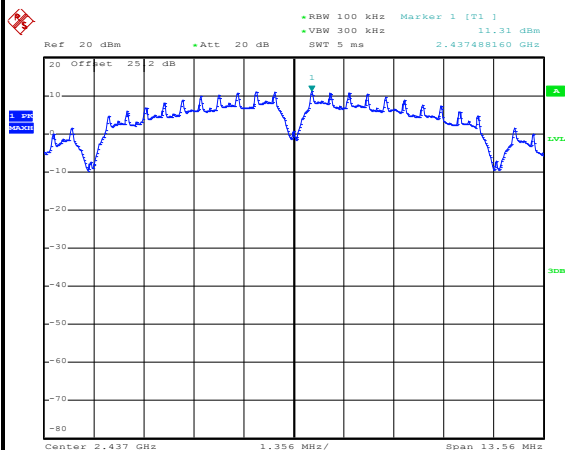


Date: 16.JUL.2018 23:41:13



Test Mode :	802.11b	Test Channel :	06
-------------	---------	----------------	----

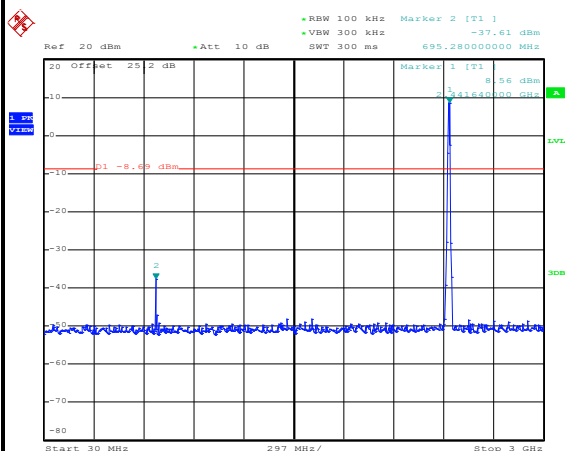
100kHz PSD reference Level



Date: 16.JUL.2018 23:44:31

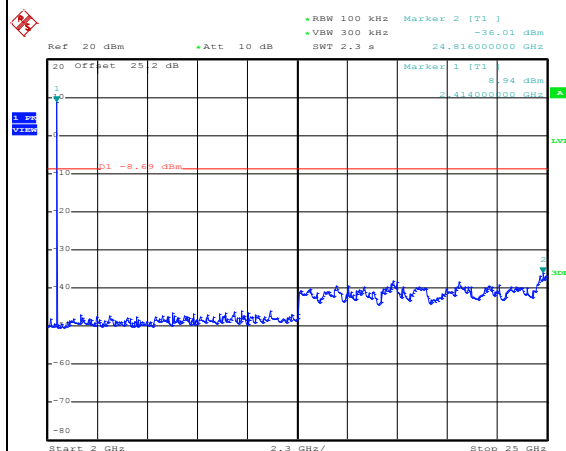
Channel Plot

Spurious Emission 30MHz~3GHz



Date: 16.JUL.2018 23:44:51

Spurious Emission 2GHz~25GHz

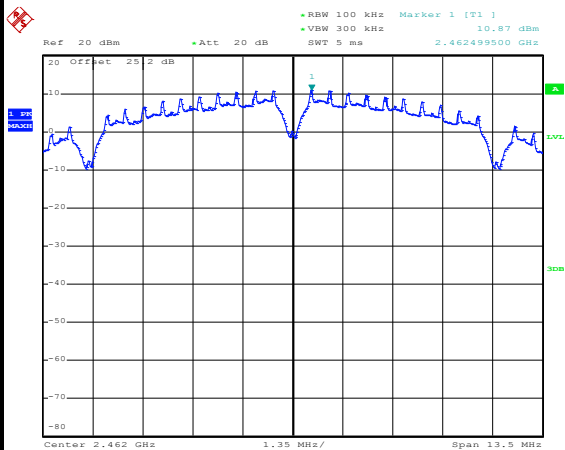


Date: 16.JUL.2018 23:45:18



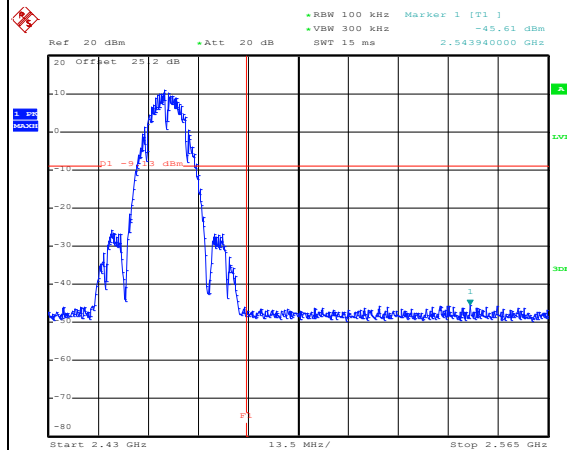
Test Mode :	802.11b	Test Channel :	11
-------------	---------	----------------	----

100kHz PSD reference Level



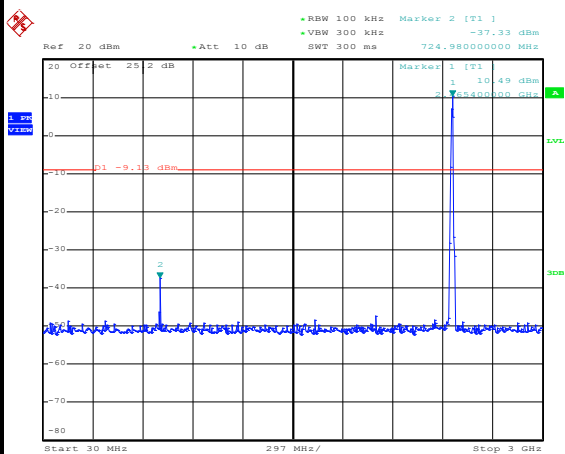
Date: 16.JUL.2018 23:47:51

Channel Plot



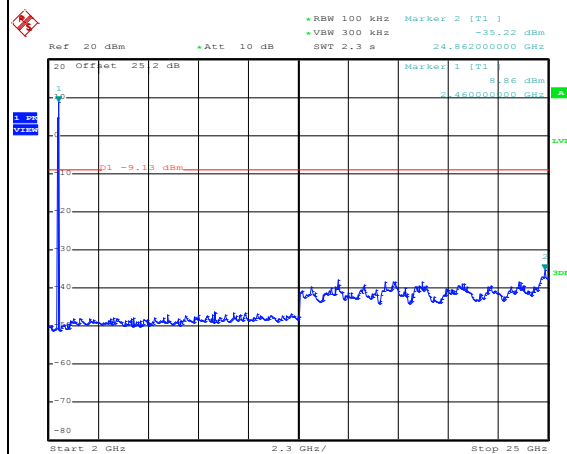
Date: 16.JUL.2018 23:48:05

Spurious Emission 30MHz~3GHz



Date: 16.JUL.2018 23:48:22

Spurious Emission 2GHz~25GHz

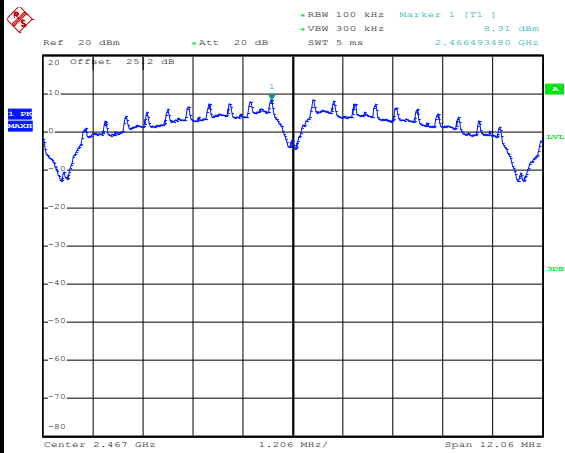


Date: 16.JUL.2018 23:48:37



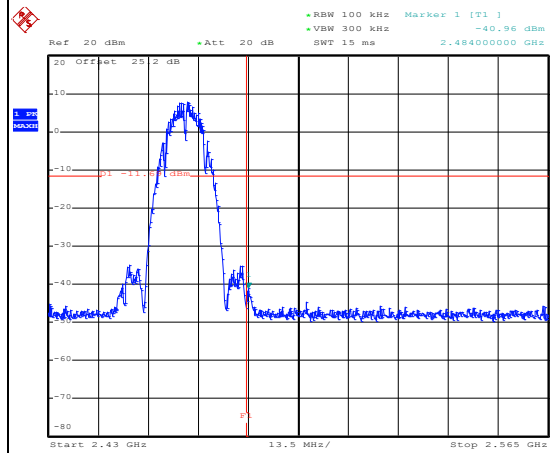
Test Mode :	802.11b	Test Channel :	12
-------------	---------	----------------	----

100kHz PSD reference Level



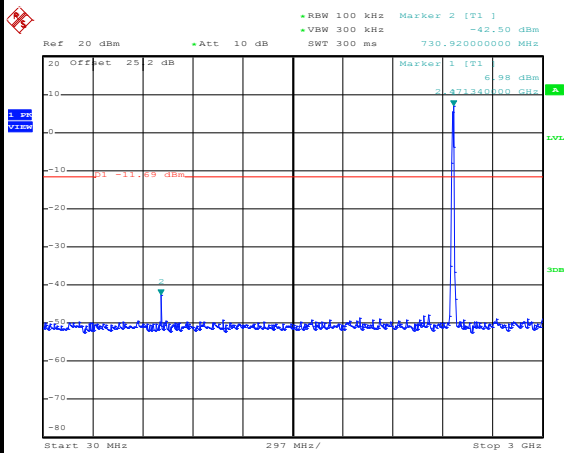
Date: 16.JUL.2018 23:51:32

Channel Plot



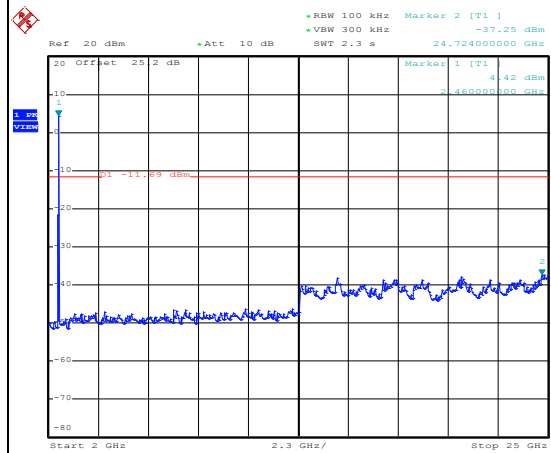
Date: 16.JUL.2018 23:53:24

Spurious Emission 30MHz~3GHz

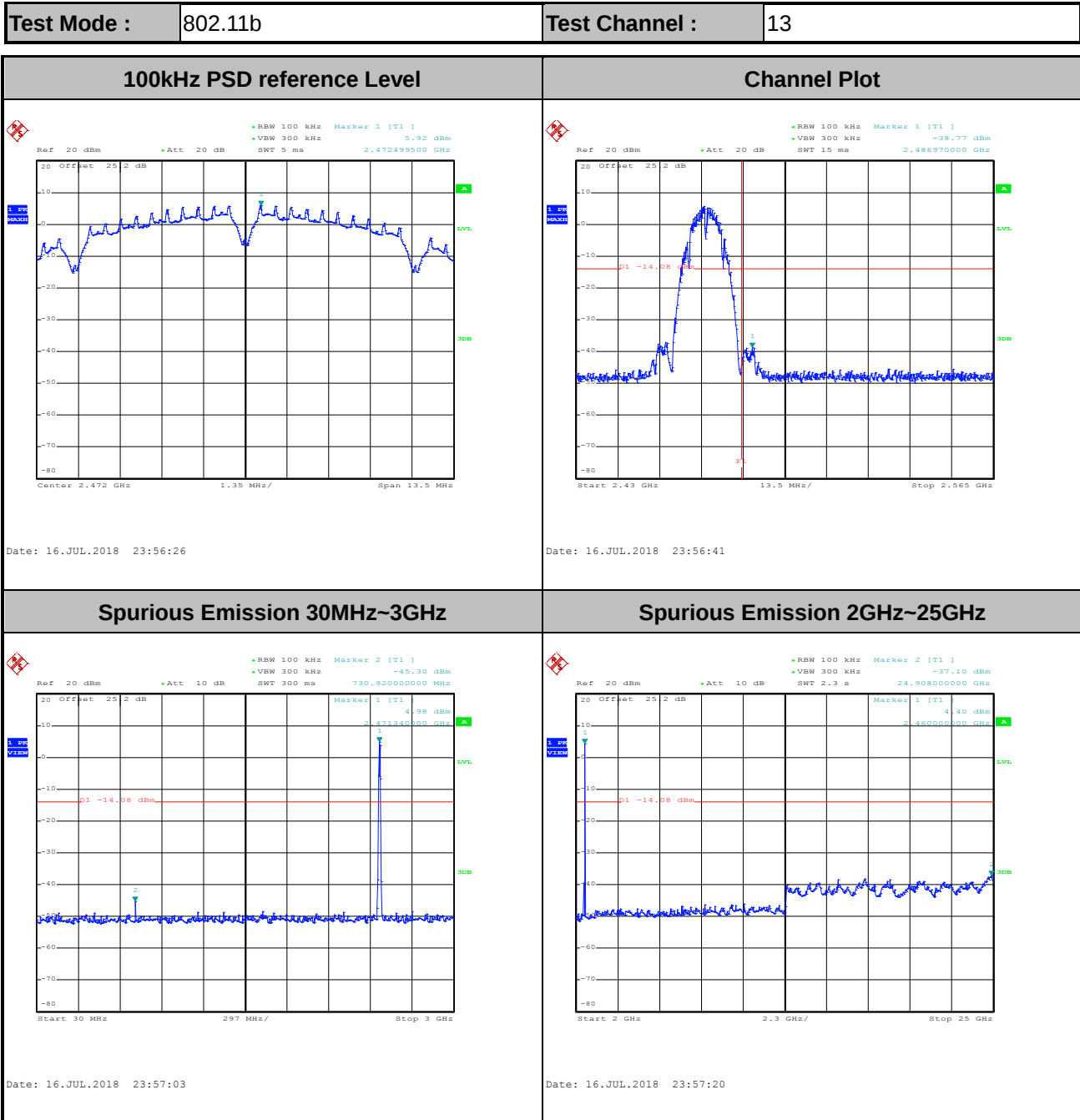


Date: 16.JUL.2018 23:52:30

Spurious Emission 2GHz~25GHz



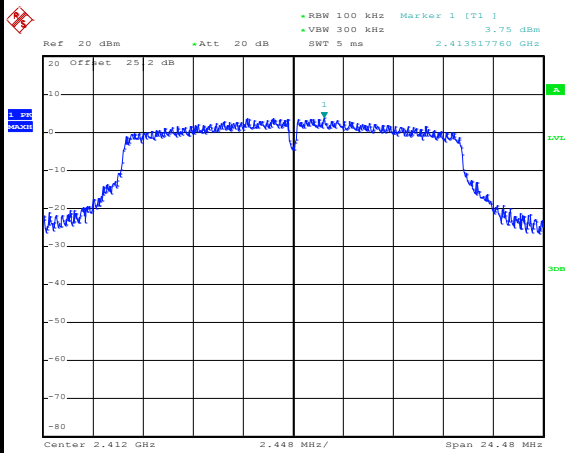
Date: 16.JUL.2018 23:52:46





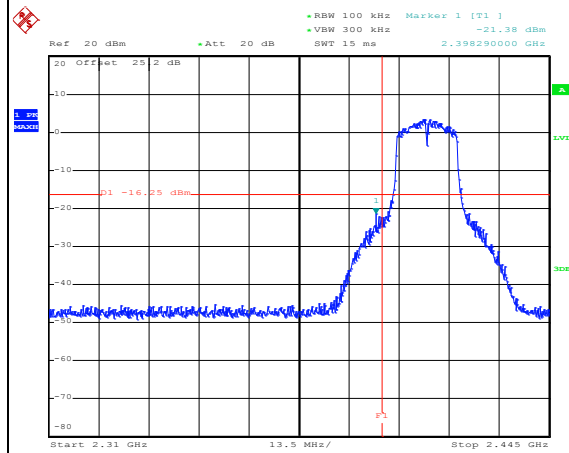
Test Mode :	802.11g	Test Channel :	01
-------------	---------	----------------	----

100kHz PSD reference Level



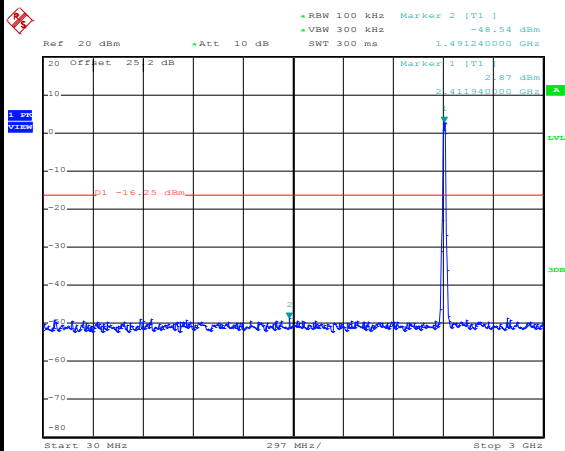
Date: 17.JUL.2018 00:39:52

Channel Plot



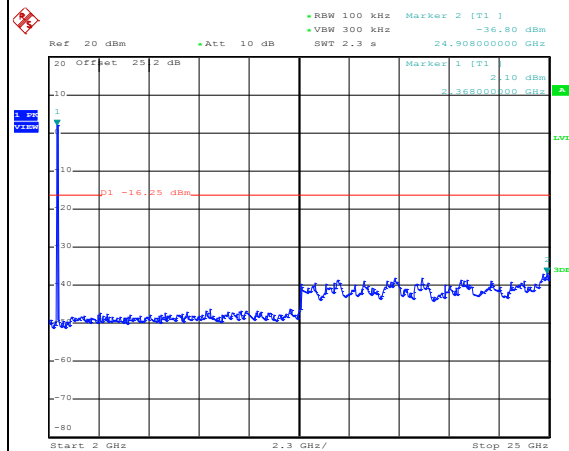
Date: 17.JUL.2018 00:40:35

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 00:41:36

Spurious Emission 2GHz~25GHz

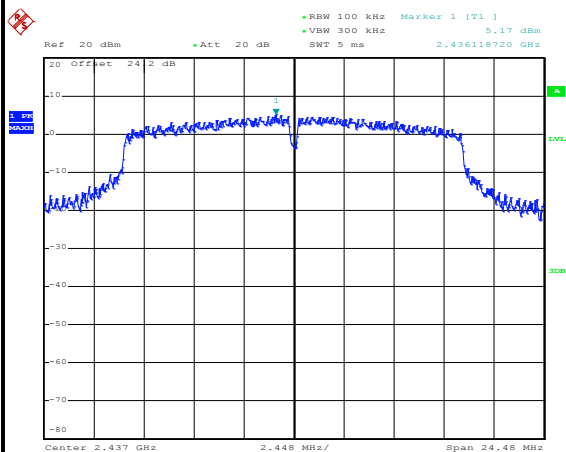


Date: 17.JUL.2018 00:41:53



Test Mode :	802.11g	Test Channel :	06
-------------	---------	----------------	----

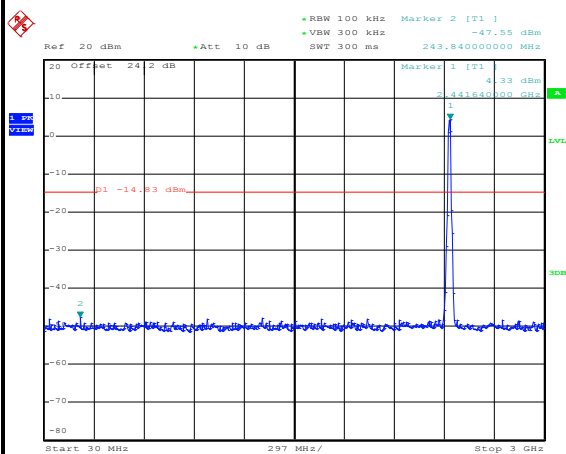
100kHz PSD reference Level



Date: 27.JUL.2018 02:47:51

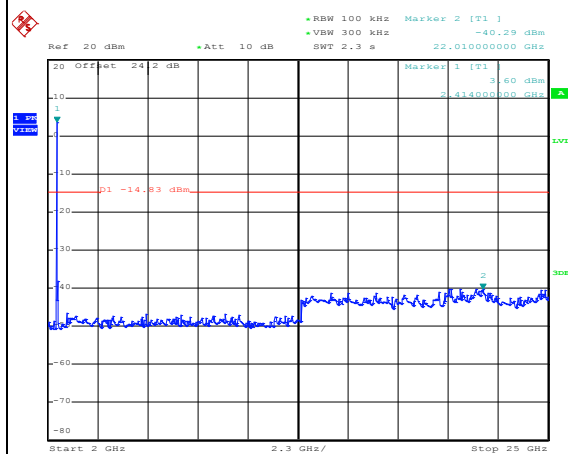
Channel Plot

Spurious Emission 30MHz~3GHz



Date: 27.JUL.2018 02:48:07

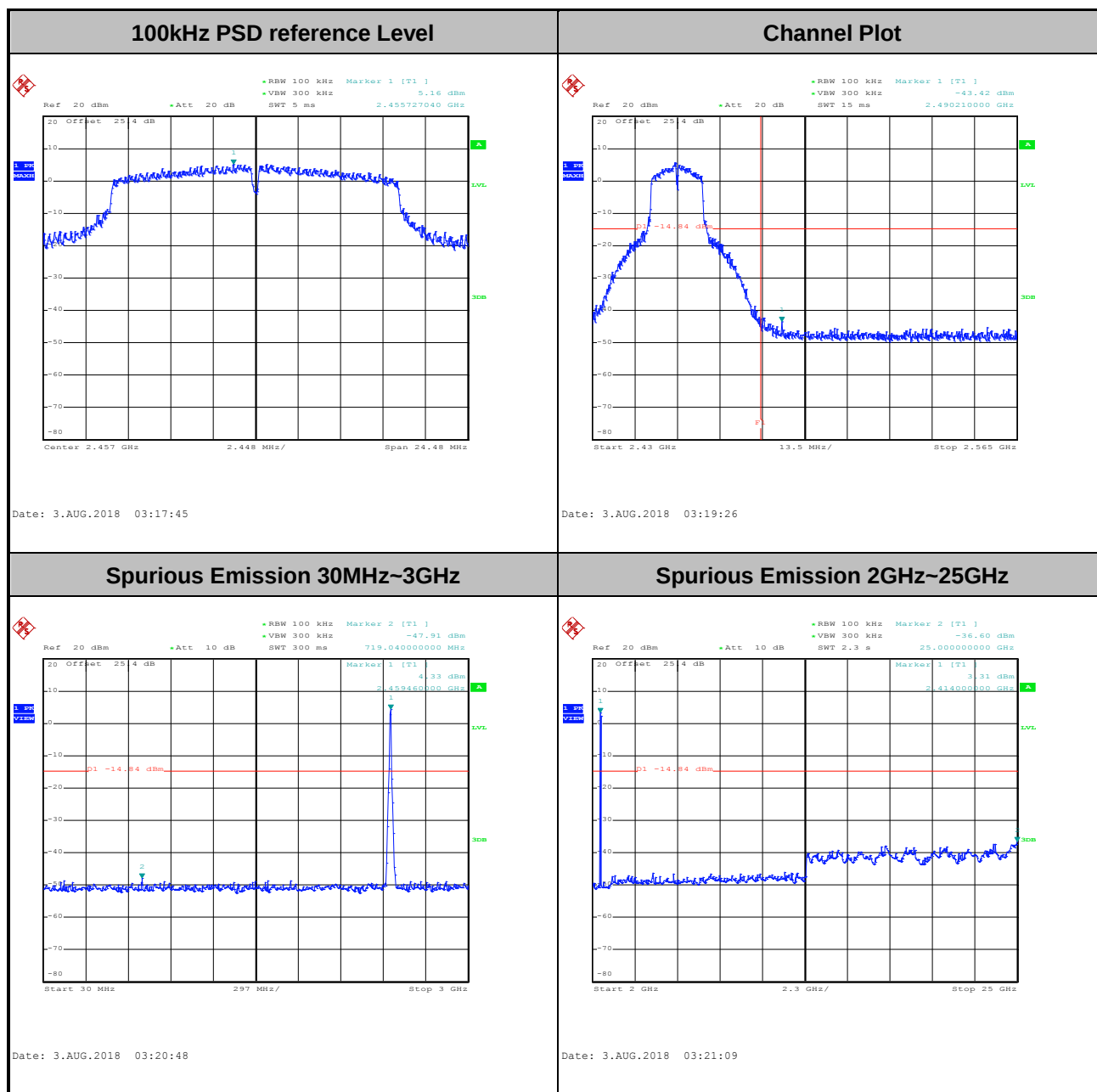
Spurious Emission 2GHz~25GHz



Date: 27.JUL.2018 02:48:21

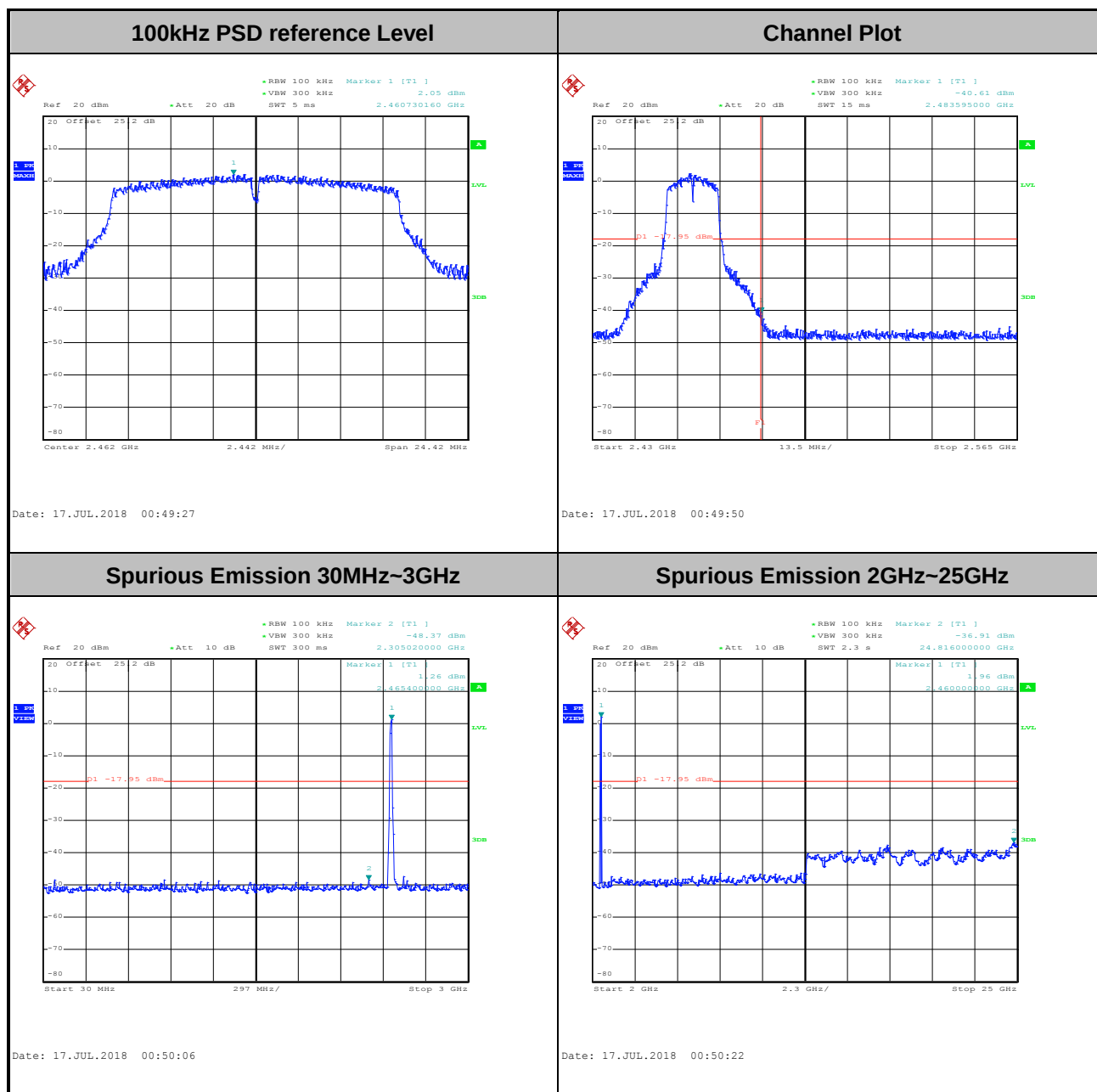


Test Mode :	802.11g	Test Channel :	10
-------------	---------	----------------	----





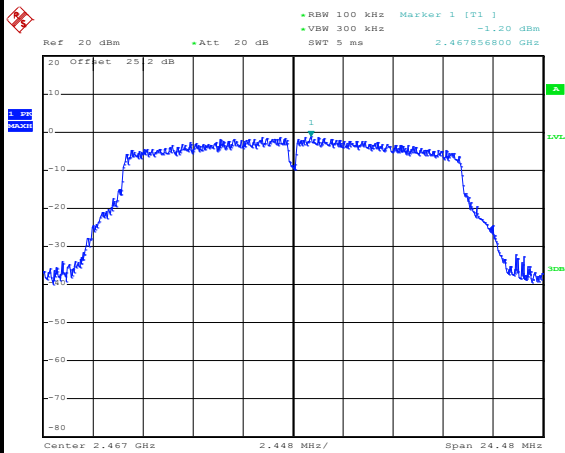
Test Mode :	802.11g	Test Channel :	11
-------------	---------	----------------	----





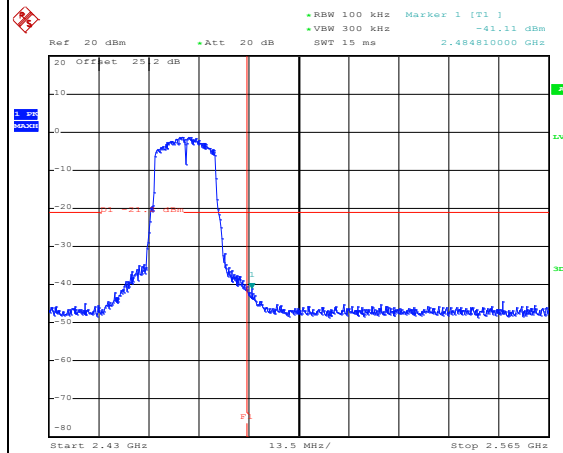
Test Mode :	802.11g	Test Channel :	12
-------------	---------	----------------	----

100kHz PSD reference Level



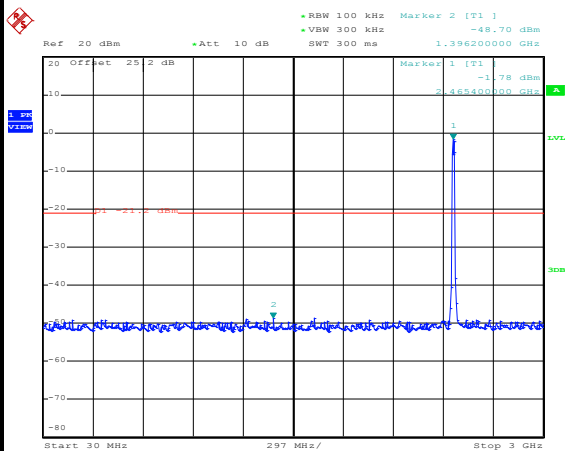
Date: 17.JUL.2018 00:53:32

Channel Plot



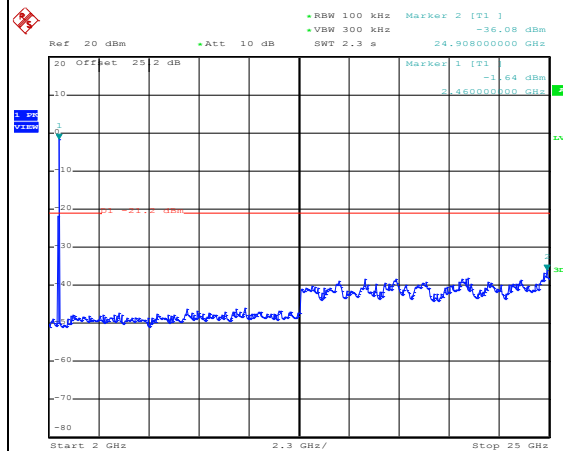
Date: 17.JUL.2018 00:55:35

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 00:53:51

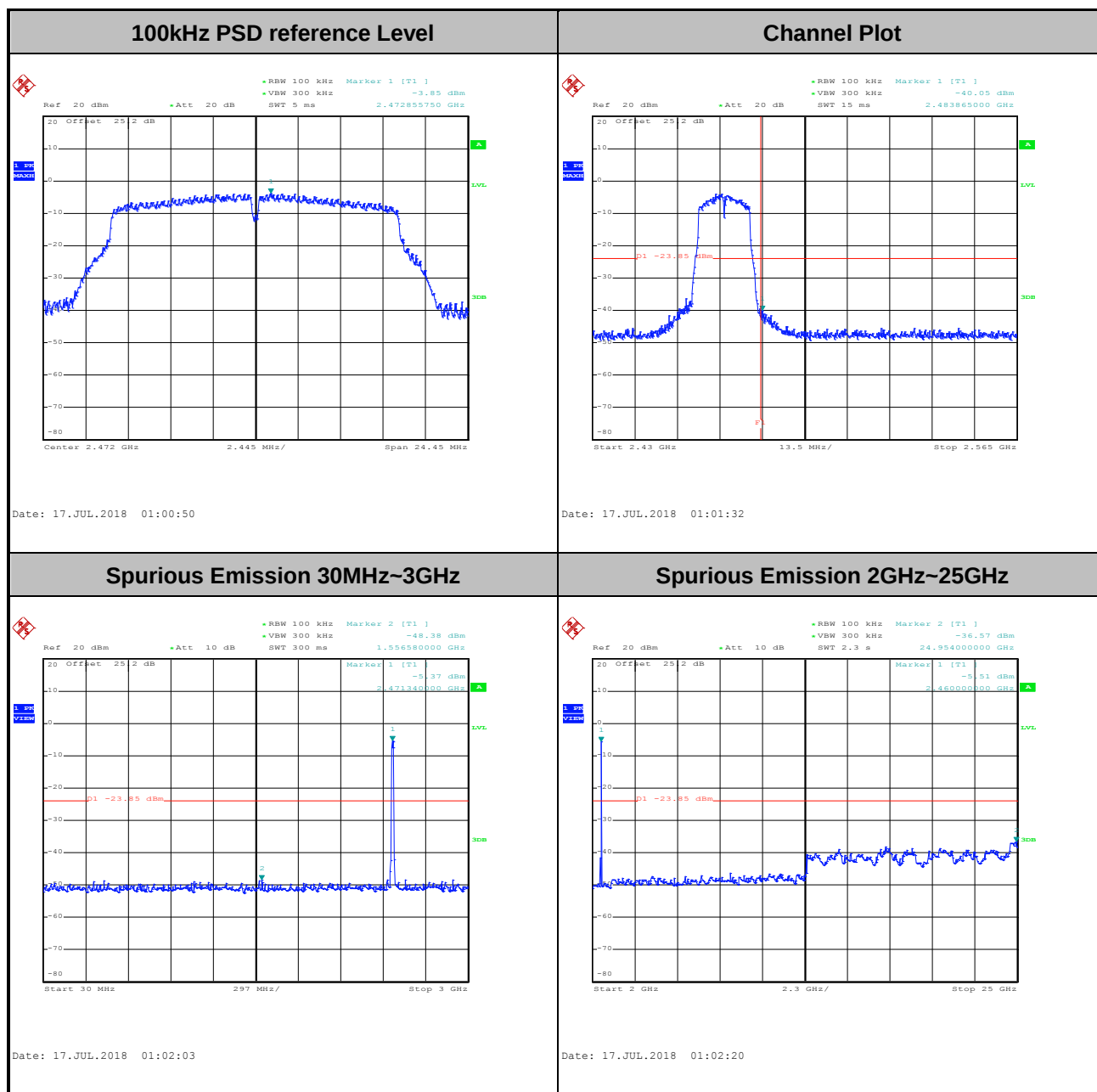
Spurious Emission 2GHz~25GHz



Date: 17.JUL.2018 00:54:07



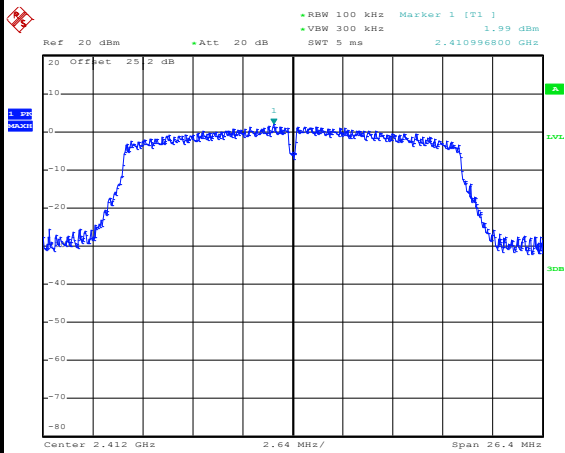
Test Mode :	802.11g	Test Channel :	13
-------------	---------	----------------	----





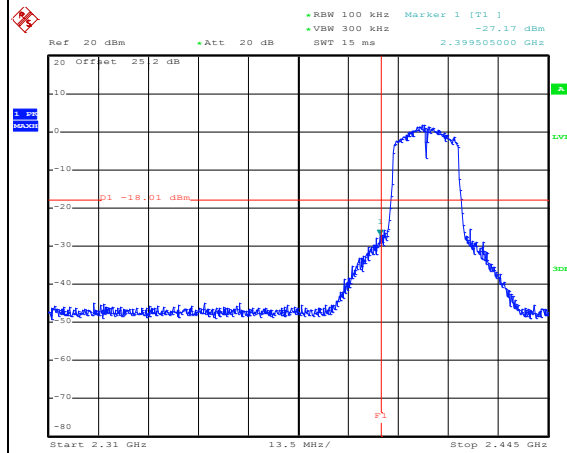
Test Mode :	802.11n HT20	Test Channel :	01
-------------	--------------	----------------	----

100kHz PSD reference Level



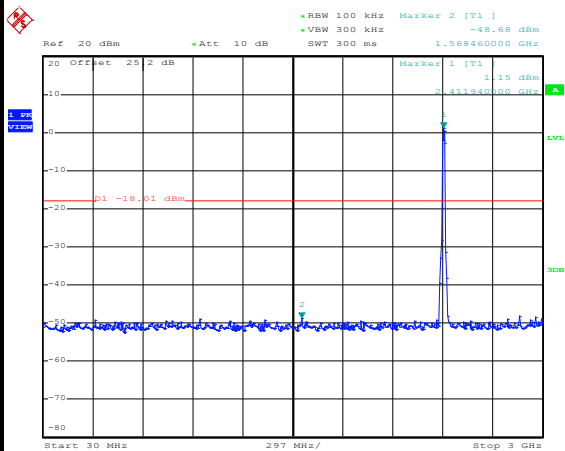
Date: 17.JUL.2018 02:01:03

Channel Plot



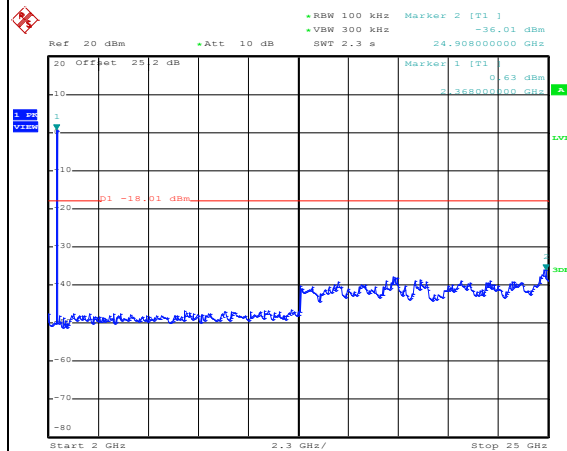
Date: 17.JUL.2018 02:01:23

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 02:01:49

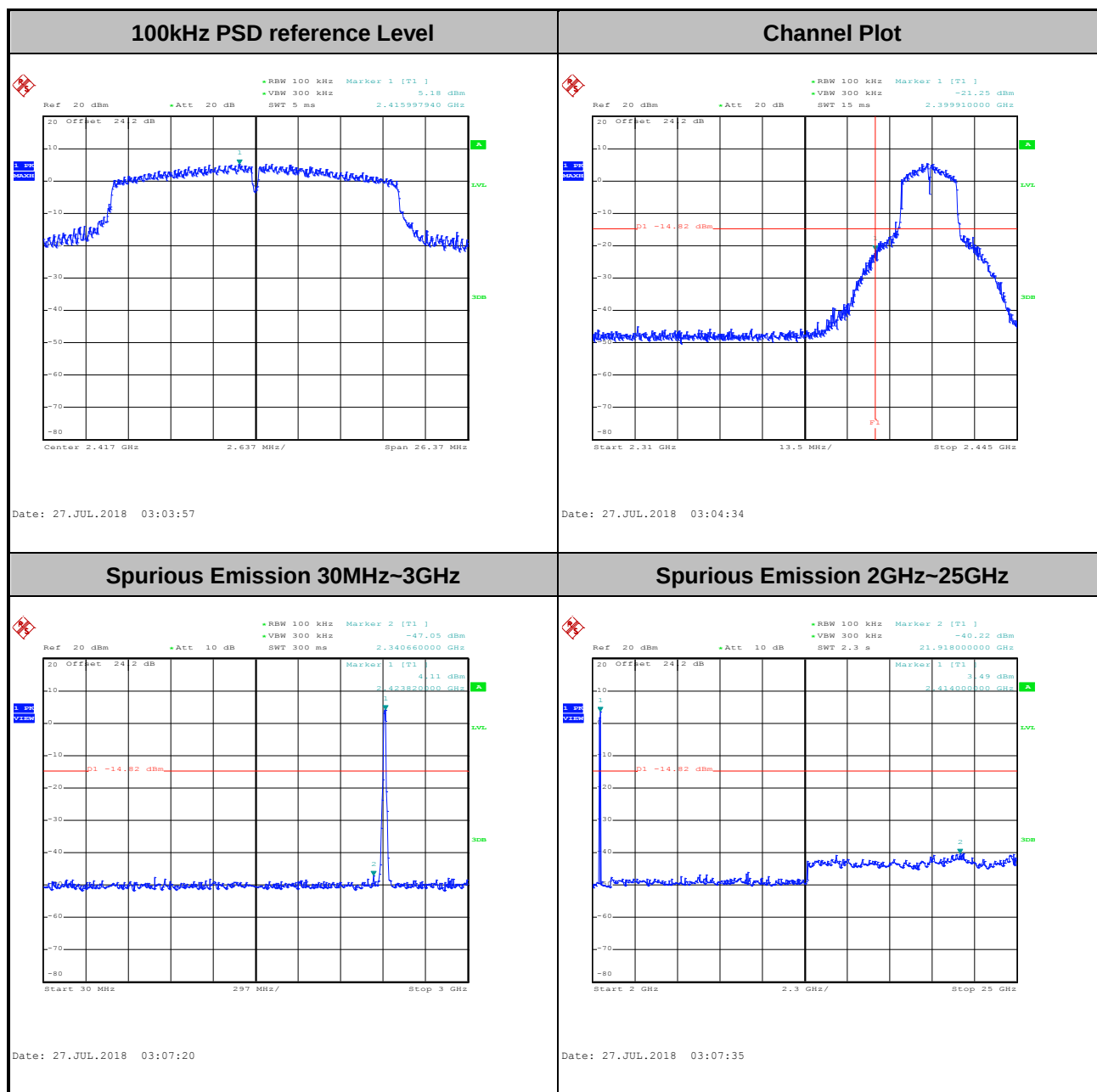
Spurious Emission 2GHz~25GHz



Date: 17.JUL.2018 02:02:16



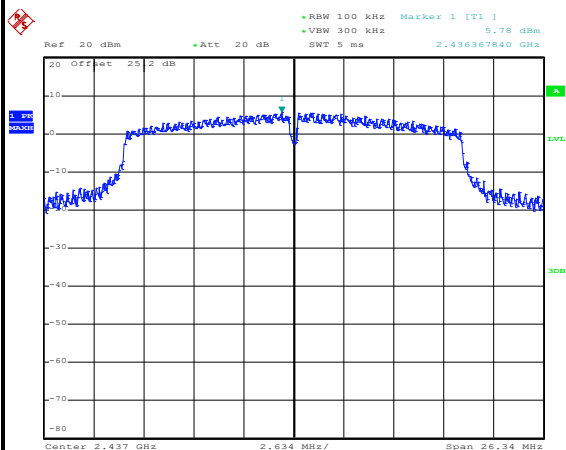
Test Mode :	802.11n HT20	Test Channel :	02
-------------	--------------	----------------	----





Test Mode :	802.11n HT20	Test Channel :	06
-------------	--------------	----------------	----

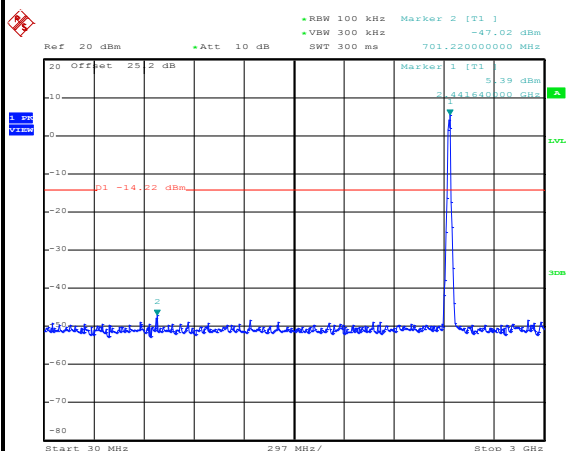
100kHz PSD reference Level



Date: 17.JUL.2018 02:06:37

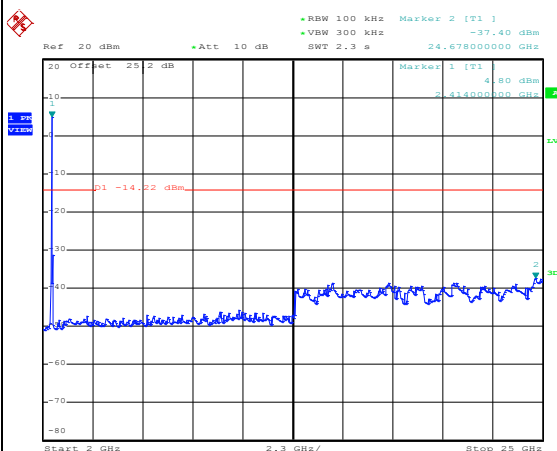
Channel Plot

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 02:06:56

Spurious Emission 2GHz~25GHz

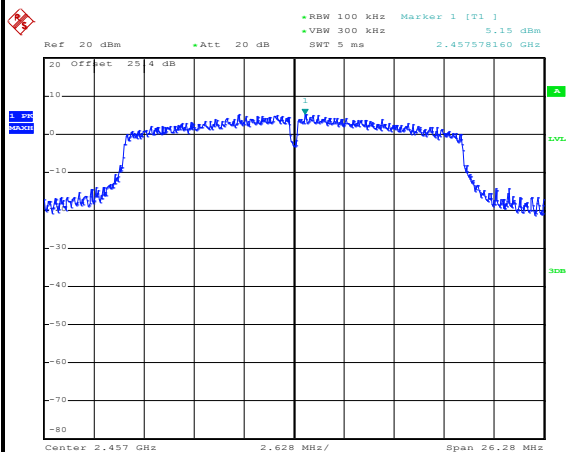


Date: 17.JUL.2018 02:07:13



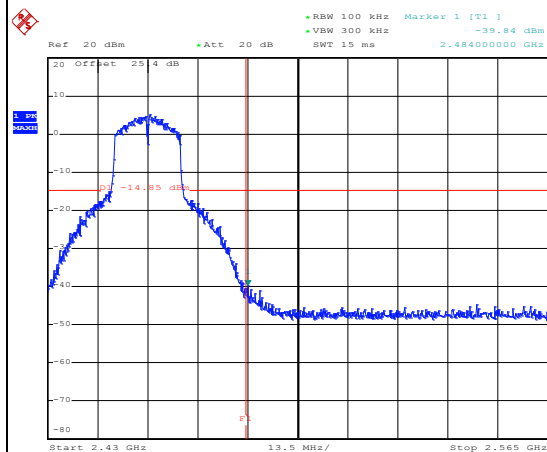
Test Mode :	802.11n HT20	Test Channel :	10
-------------	--------------	----------------	----

100kHz PSD reference Level



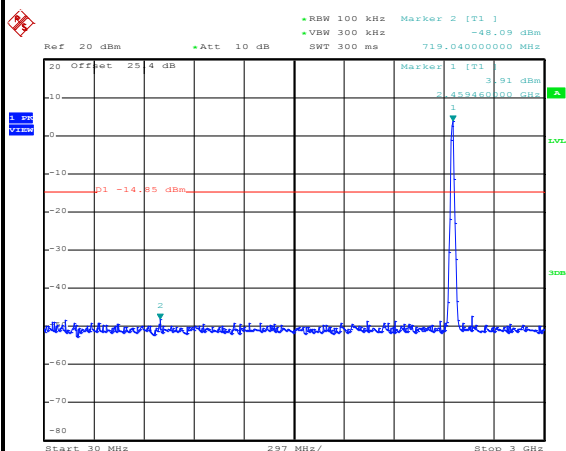
Date: 3.AUG.2018 03:25:00

Channel Plot



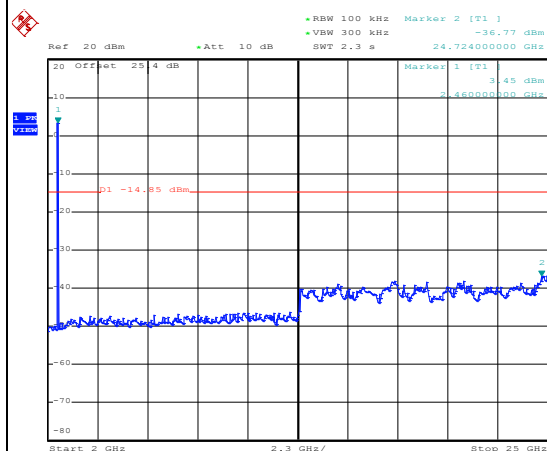
Date: 3.AUG.2018 03:25:31

Spurious Emission 30MHz~3GHz



Date: 3.AUG.2018 03:27:05

Spurious Emission 2GHz~25GHz

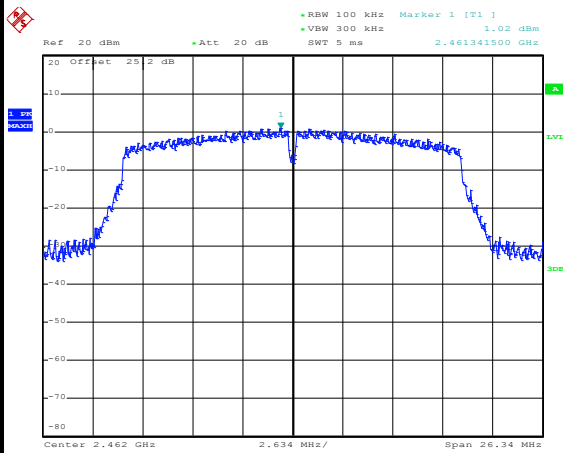


Date: 3.AUG.2018 03:27:22



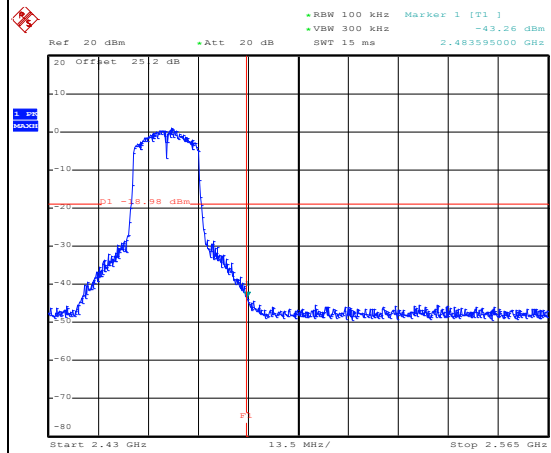
Test Mode :	802.11n HT20	Test Channel :	11
-------------	--------------	----------------	----

100kHz PSD reference Level



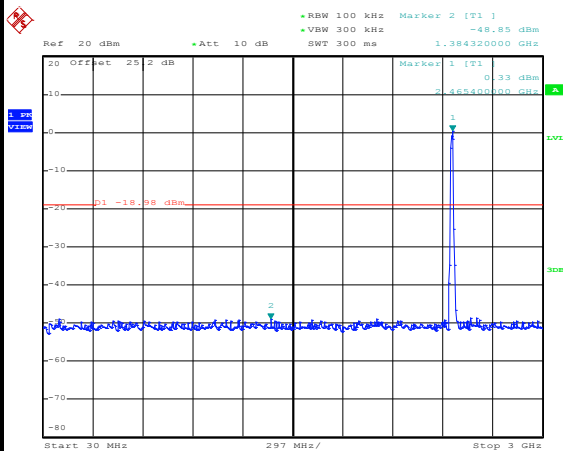
Date: 17.JUL.2018 02:13:37

Channel Plot



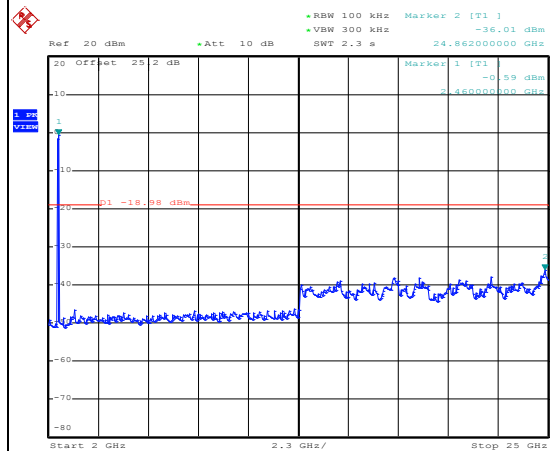
Date: 17.JUL.2018 02:14:27

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 02:15:06

Spurious Emission 2GHz~25GHz

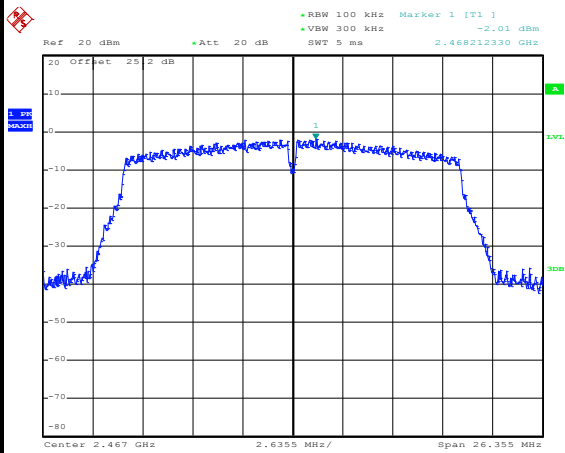


Date: 17.JUL.2018 02:15:24



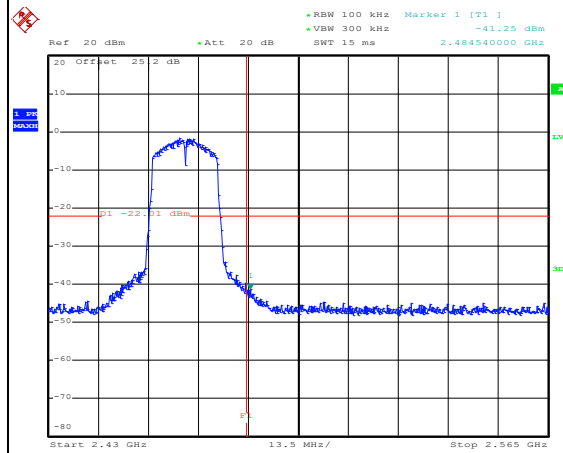
Test Mode :	802.11n HT20	Test Channel :	12
-------------	--------------	----------------	----

100kHz PSD reference Level



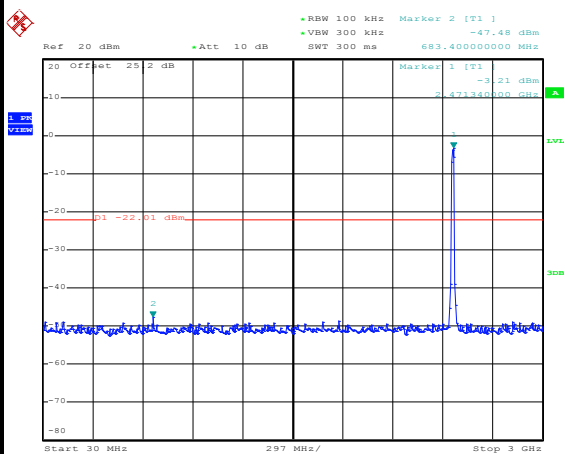
Date: 17.JUL.2018 02:18:51

Channel Plot



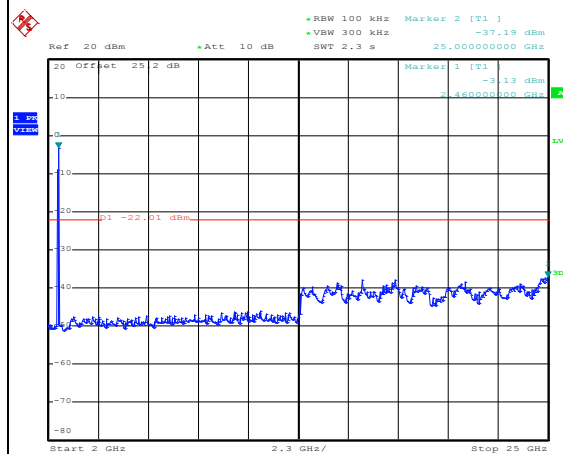
Date: 17.JUL.2018 02:23:14

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 02:19:12

Spurious Emission 2GHz~25GHz

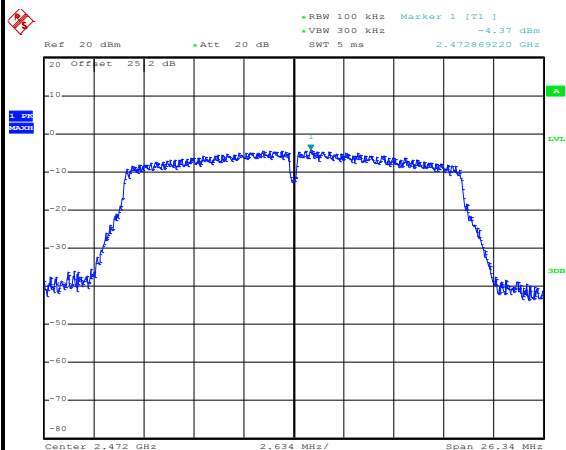


Date: 17.JUL.2018 02:19:29



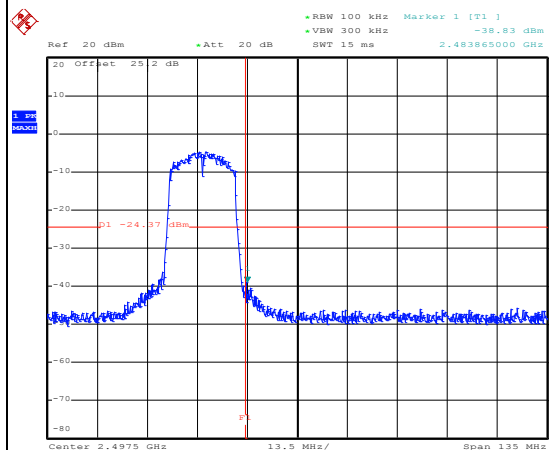
Test Mode :	802.11n HT20	Test Channel :	13
-------------	--------------	----------------	----

100kHz PSD reference Level



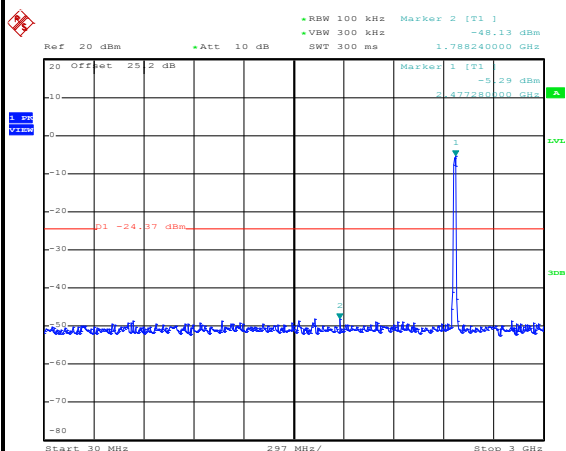
Date: 17.JUL.2018 02:28:37

Channel Plot



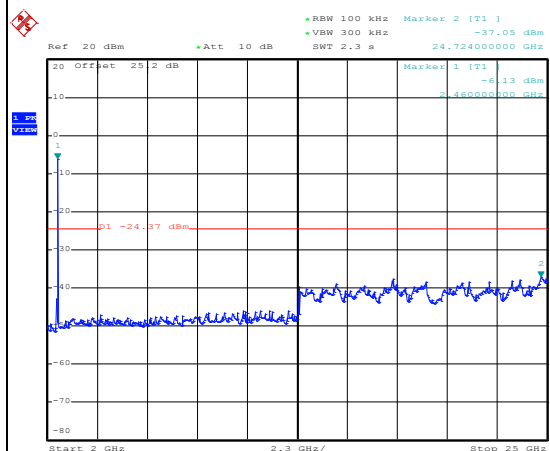
Date: 17.JUL.2018 02:29:51

Spurious Emission 30MHz~3GHz



Date: 17.JUL.2018 02:30:25

Spurious Emission 2GHz~25GHz



Date: 17.JUL.2018 02:30:45

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

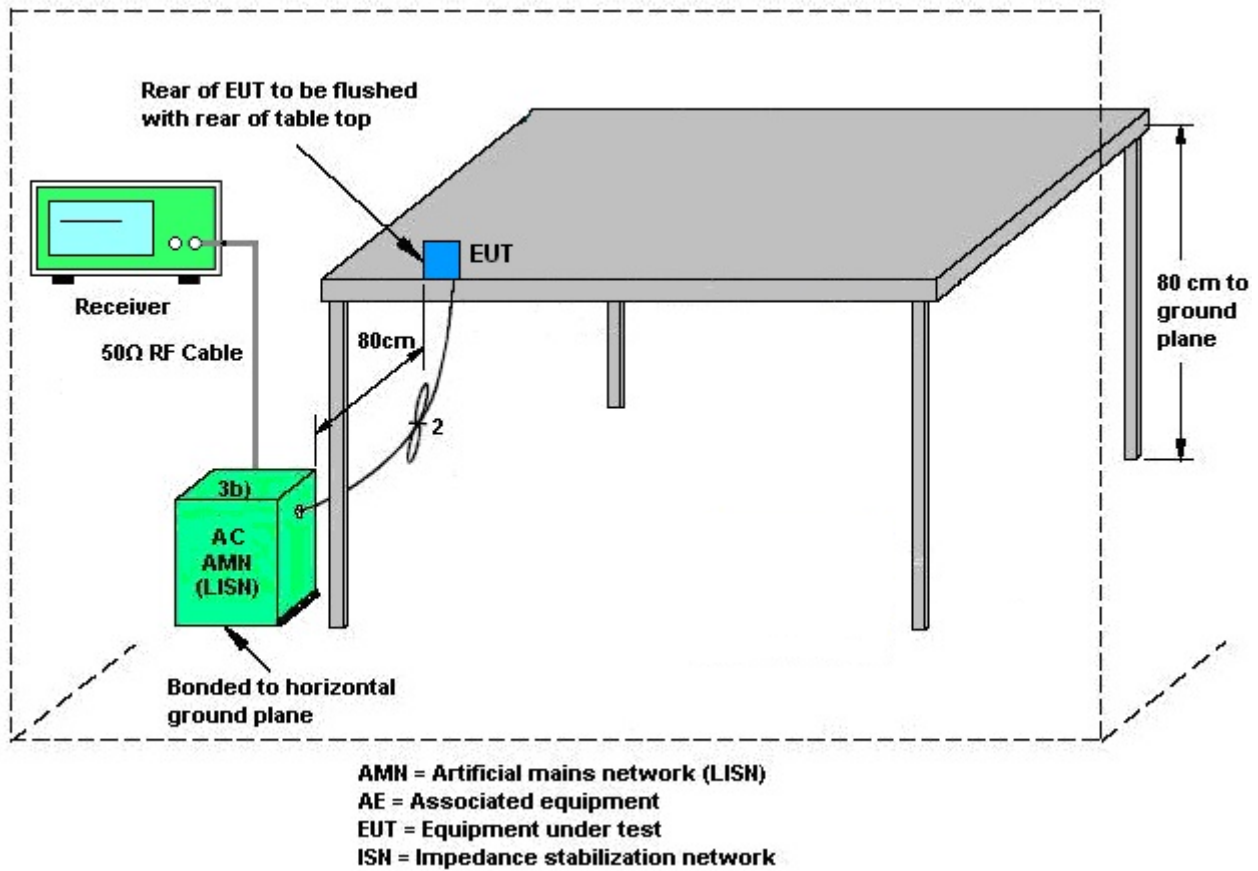
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	Jul. 04, 2018~ Aug. 03, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz z	Sep. 26, 2017	Jul. 04, 2018~ Aug. 03, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	Jul. 04, 2018~ Aug. 03, 2018	Nov. 12, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Mar. 01, 2018	Jul. 04, 2018~ Aug. 03, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 25, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Jun. 25, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jun. 25, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 25, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Jun. 25, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Jun. 25, 2018	Jan. 02, 2019	Conduction (CO05-HY)



5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.70
---	------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Luffy Lin / Derek Hsu	Temperature:	21~25	°C
Test Date:	2018/7/4 ~ 2018/08/03	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	14.85	14.20	10.00	9.04	0.50	Pass
11b	1Mbps	1	6	2437	15.00	14.15	10.00	9.04	0.50	Pass
11b	1Mbps	1	11	2462	15.05	14.15	9.08	9.00	0.50	Pass
11b	1Mbps	1	12	2467	13.65	13.70	9.04	8.04	0.50	Pass
11b	1Mbps	1	13	2472	13.60	13.75	8.56	9.00	0.50	Pass
11g	6Mbps	1	1	2412	16.85	16.80	16.32	16.32	0.50	Pass
11g	6Mbps	1	6	2437	17.50	17.25	16.32	16.32	0.50	Pass
11g	6Mbps	1	10	2457	-	17.35	-	16.32	0.50	Pass
11g	6Mbps	1	11	2462	16.75	16.70	16.30	16.28	0.50	Pass
11g	6Mbps	1	12	2467	16.70	16.60	16.32	16.32	0.50	Pass
11g	6Mbps	1	13	2472	16.60	16.65	16.32	16.30	0.50	Pass
HT20	MCS0	1	1	2412	17.75	17.80	17.56	17.60	0.50	Pass
HT20	MCS0	1	2	2417	-	18.35	-	17.58	0.50	Pass
HT20	MCS0	1	6	2437	18.65	18.50	17.58	17.56	0.50	Pass
HT20	MCS0	1	10	2457	18.35	18.30	17.56	17.52	0.50	Pass
HT20	MCS0	1	11	2462	17.75	17.75	17.56	17.56	0.50	Pass
HT20	MCS0	1	12	2467	17.70	17.70	17.56	17.57	0.50	Pass
HT20	MCS0	1	13	2472	17.75	17.70	17.56	17.56	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	21.60	21.46	-	30.00	30.00	2.10	1.90	23.70	23.36	36.00	36.00	Pass
11b	1Mbps	1	6	2437	21.45	21.42	-	30.00	30.00	2.10	1.90	23.55	23.32	36.00	36.00	Pass
11b	1Mbps	1	11	2462	21.49	21.31	-	30.00	30.00	2.10	1.90	23.59	23.21	36.00	36.00	Pass
11b	1Mbps	1	12	2467	16.98	18.72	-	30.00	30.00	2.10	1.90	19.08	20.62	36.00	36.00	Pass
11b	1Mbps	1	13	2472	14.96	16.03	-	30.00	30.00	2.10	1.90	17.06	17.93	36.00	36.00	Pass
11g	6Mbps	1	1	2412	21.94	23.15	-	30.00	30.00	2.10	1.90	24.04	25.05	36.00	36.00	Pass
11g	6Mbps	1	6	2437	22.54	23.62	-	30.00	30.00	2.10	1.90	24.64	25.52	36.00	36.00	Pass
11g	6Mbps	1	10	2457	-	22.85	-	30.00	30.00	2.10	1.90	-	24.75	-	36.00	Pass
11g	6Mbps	1	11	2462	21.41	22.22	-	30.00	30.00	2.10	1.90	23.51	24.12	36.00	36.00	Pass
11g	6Mbps	1	12	2467	19.78	21.10	-	30.00	30.00	2.10	1.90	21.88	23.00	36.00	36.00	Pass
11g	6Mbps	1	13	2472	18.89	18.01	-	30.00	30.00	2.10	1.90	20.99	19.91	36.00	36.00	Pass
HT20	MCS0	1	1	2412	21.54	22.57	-	30.00	30.00	2.10	1.90	23.64	24.47	36.00	36.00	Pass
HT20	MCS0	1	2	2417	-	23.33	-	30.00	30.00	2.10	1.90	-	25.23	-	36.00	Pass
HT20	MCS0	1	6	2437	22.45	23.57	-	30.00	30.00	2.10	1.90	24.55	25.47	36.00	36.00	Pass
HT20	MCS0	1	10	2457	21.75	22.70	-	30.00	30.00	2.10	1.90	23.85	24.60	36.00	36.00	Pass
HT20	MCS0	1	11	2462	21.19	21.95	-	30.00	30.00	2.10	1.90	23.29	23.85	36.00	36.00	Pass
HT20	MCS0	1	12	2467	19.93	20.49	-	30.00	30.00	2.10	1.90	22.03	22.39	36.00	36.00	Pass
HT20	MCS0	1	13	2472	18.62	18.01	-	30.00	30.00	2.10	1.90	20.72	19.91	36.00	36.00	Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA**Average Output Power**

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	1	1	2412	0.00	0.00	19.93	19.49	-
11b	1Mbps	1	6	2437	0.00	0.00	19.81	19.47	
11b	1Mbps	1	11	2462	0.00	0.00	19.85	19.37	
11b	1Mbps	1	12	2467	0.00	0.00	14.88	16.67	
11b	1Mbps	1	13	2472	0.00	0.00	12.77	14.08	
11g	6Mbps	1	1	2412	0.00	0.00	15.18	16.55	
11g	6Mbps	1	6	2437	0.00	0.00	16.75	18.05	
11g	6Mbps	1	10	2457	0.00	0.00	-	17.52	
11g	6Mbps	1	11	2462	0.00	0.00	14.57	14.86	
11g	6Mbps	1	12	2467	0.00	0.00	10.96	11.86	
11g	6Mbps	1	13	2472	0.00	0.00	9.45	8.82	
HT20	MCS0	1	1	2412	0.00	0.00	14.52	14.88	
HT20	MCS0	1	2	2417	0.00	0.00	-	18.05	
HT20	MCS0	1	6	2437	0.00	0.00	17.38	18.60	
HT20	MCS0	1	10	2457	0.00	0.00	16.84	17.36	
HT20	MCS0	1	11	2462	0.00	0.00	13.45	13.85	
HT20	MCS0	1	12	2467	0.00	0.00	10.98	11.28	
HT20	MCS0	1	13	2472	0.00	0.00	9.23	8.83	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-3.13	-2.58	-	2.10	1.90	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-3.56	-2.16	-	2.10	1.90	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-2.70	-3.60	-	2.10	1.90	8.00	8.00	Pass
11b	1Mbps	1	12	2467	-7.60	-5.25	-	2.10	1.90	8.00	8.00	Pass
11b	1Mbps	1	13	2472	-10.03	-8.56	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-9.79	-8.55	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-8.24	-6.15	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	10	2457	-	-6.31	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-8.94	-9.15	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	12	2467	-13.91	-11.59	-	2.10	1.90	8.00	8.00	Pass
11g	6Mbps	1	13	2472	-14.47	-16.05	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	1	2412	-9.76	-10.47	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	2	2417	-	-6.80	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	6	2437	-7.98	-6.30	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	10	2457	-8.32	-5.52	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	11	2462	-11.36	-10.93	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	12	2467	-13.41	-13.24	-	2.10	1.90	8.00	8.00	Pass
HT20	MCS0	1	13	2472	-14.77	-15.63	-	2.10	1.90	8.00	8.00	Pass

Measured power density (dBm) has offset with cable loss.



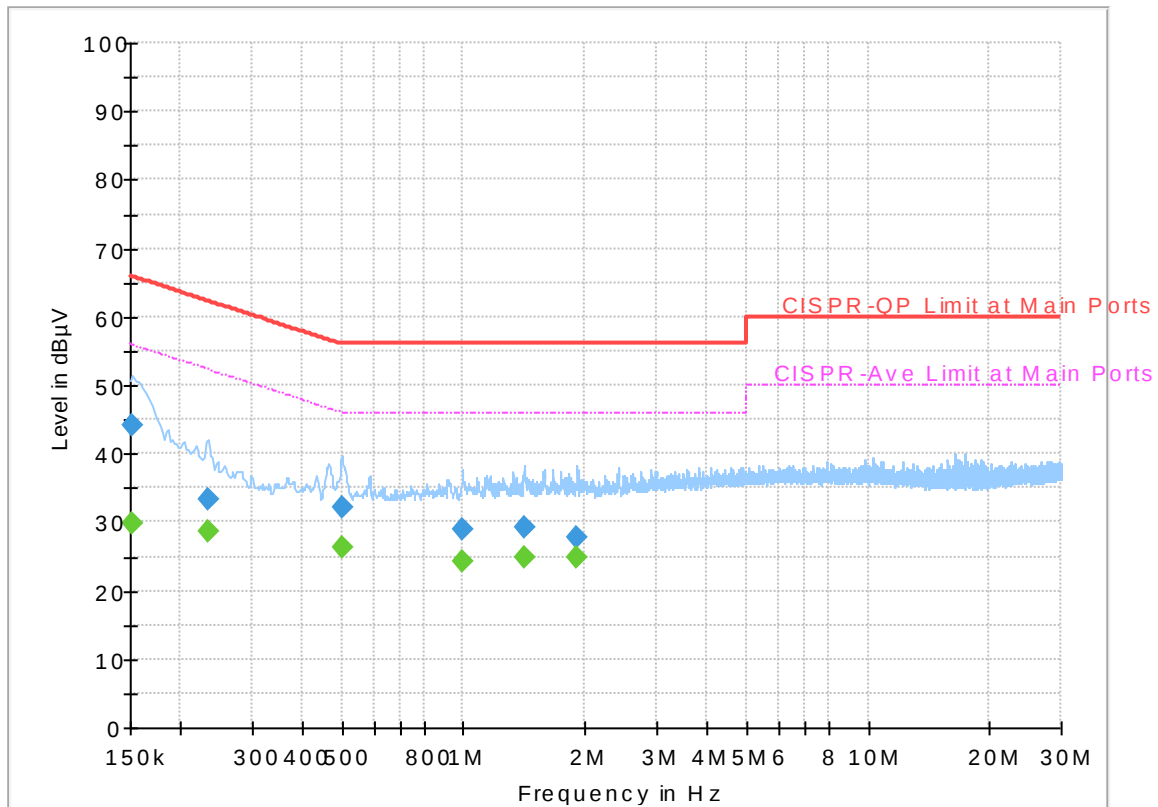
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Kai-Chun Chu	Temperature :	25~27°C
		Relative Humidity :	50~52%

EUT Information

Report NO : 840308-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



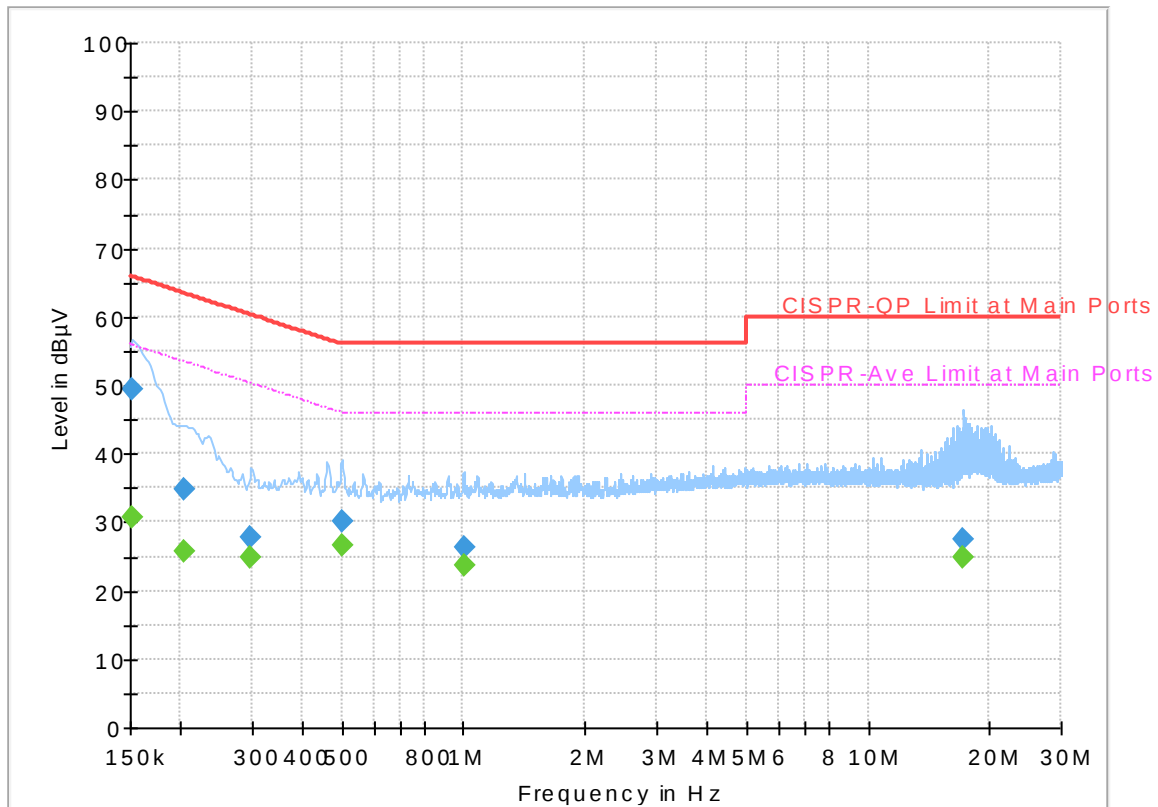
Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.77	55.88	26.11	L1	OFF	19.5
0.152250	44.10	---	65.88	21.78	L1	OFF	19.5
0.233250	---	28.51	52.33	23.82	L1	OFF	19.5
0.233250	33.27	---	62.33	29.06	L1	OFF	19.5
0.501000	---	26.42	46.00	19.58	L1	OFF	19.5
0.501000	32.06	---	56.00	23.94	L1	OFF	19.5
0.996000	---	24.38	46.00	21.62	L1	OFF	19.6
0.996000	28.84	---	56.00	27.16	L1	OFF	19.6
1.410000	---	24.78	46.00	21.22	L1	OFF	19.6
1.410000	29.17	---	56.00	26.83	L1	OFF	19.6
1.909500	---	24.87	46.00	21.13	L1	OFF	19.6
1.909500	27.76	---	56.00	28.24	L1	OFF	19.6

EUT Information

Report NO : 840308-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.56	55.88	25.32	N	OFF	19.5
0.152250	49.55	---	65.88	16.33	N	OFF	19.5
0.204000	---	25.73	53.45	27.72	N	OFF	19.5
0.204000	34.67	---	63.45	28.78	N	OFF	19.5
0.298500	---	24.95	50.28	25.33	N	OFF	19.5
0.298500	27.76	---	60.28	32.52	N	OFF	19.5
0.501000	---	26.64	46.00	19.36	N	OFF	19.5
0.501000	30.13	---	56.00	25.87	N	OFF	19.5
1.000500	---	23.59	46.00	22.41	N	OFF	19.6
1.000500	26.29	---	56.00	29.71	N	OFF	19.6
17.259000	---	24.78	50.00	25.22	N	OFF	20.2
17.259000	27.47	---	60.00	32.53	N	OFF	20.2