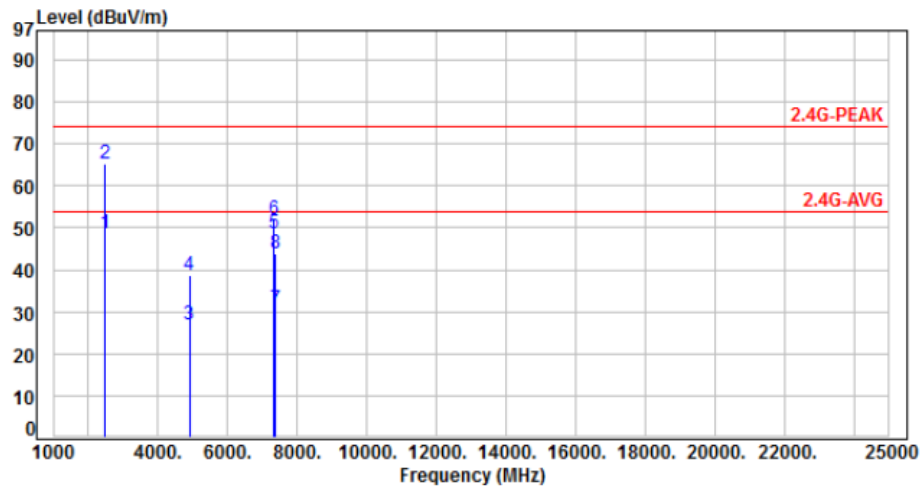




Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH09	Temperature	: 23 °C
Test Date	: Sep. 28, 2018	Humidity	: 62 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-15.36	64.20	48.84	54.00	-5.16	Average	100	110	P
2	2483.50	-15.36	80.60	65.24	74.00	-8.76	Peak	100	110	P
3	4904.00	-8.24	35.12	26.88	54.00	-27.12	Average	100	138	P
4	4904.00	-8.24	46.88	38.64	74.00	-35.36	Peak	100	138	P
5	7333.00	-3.80	52.49	48.69	54.00	-5.31	Average	188	310	P
6	7333.00	-3.80	55.95	52.15	74.00	-21.85	Peak	188	310	P
7	7356.00	-3.74	34.51	30.77	54.00	-23.23	Average	100	85	P
8	7356.00	-3.74	47.66	43.92	74.00	-30.08	Peak	100	85	P

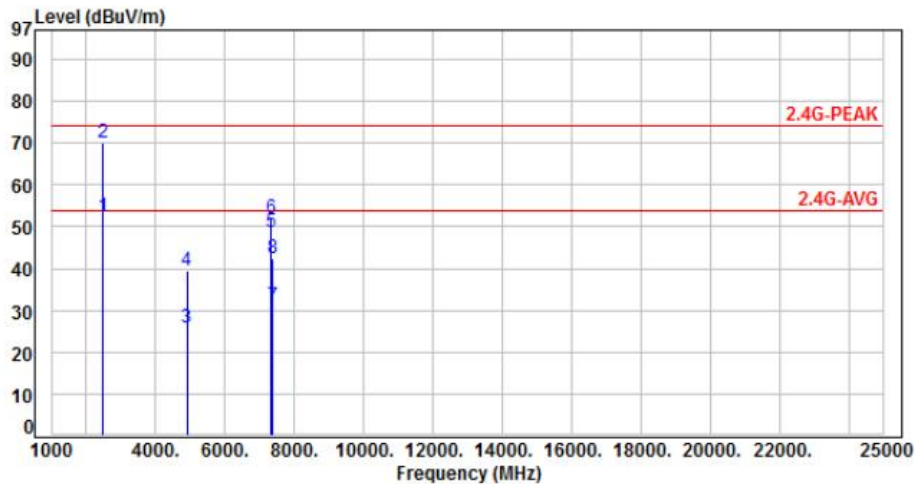
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH09	Temperature	: 23 °C
Test Date	: Sep. 28, 2018	Humidity	: 62 %



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-15.36	67.90	52.54	54.00	-1.46	Average	106	38	P
2	2483.50	-15.36	85.30	69.94	74.00	-4.06	Peak	106	38	P
3	4904.00	-8.24	34.22	25.98	54.00	-28.02	Average	100	331	P
4	4904.00	-8.24	47.66	39.42	74.00	-34.58	Peak	100	331	P
5	7333.00	-3.80	52.66	48.86	54.00	-5.14	Average	100	305	P
6	7333.00	-3.80	55.67	51.87	74.00	-22.13	Peak	100	305	P
7	7356.00	-3.74	34.60	30.86	54.00	-23.14	Average	100	300	P
8	7356.00	-3.74	46.10	42.36	74.00	-31.64	Peak	100	300	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



6.7 Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. Test of Conducted Spurious Emission

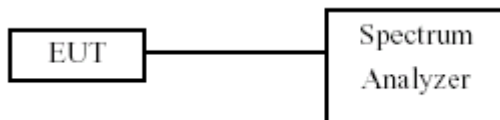
7.1 Test Limit

Below -20dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

7.2 Test Procedure

- The transmitter output was connected to the spectrum analyzer via a low lose cable.
- Set RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- Peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20dB relative to the maximum measured in-band peak PSD level.
- The band edges was measured and recorded.

7.3 Test Setup Layout



7.4 Test Result and Data

Test Result : PASS

Temperature : 21°C

Test Date : Jan. 29, 2019

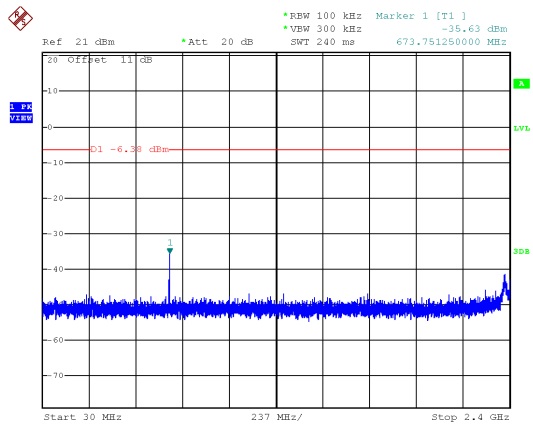
Humidity : 62%

Note: Test plots refers to the following pages.

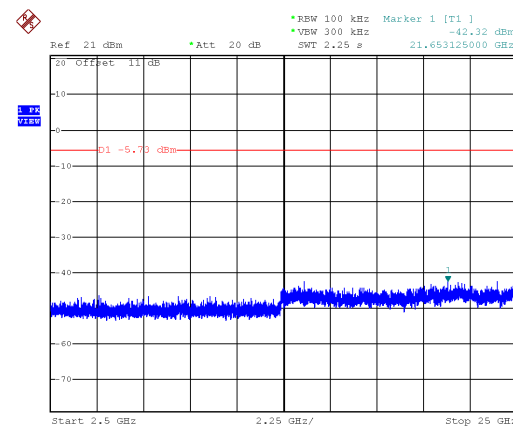
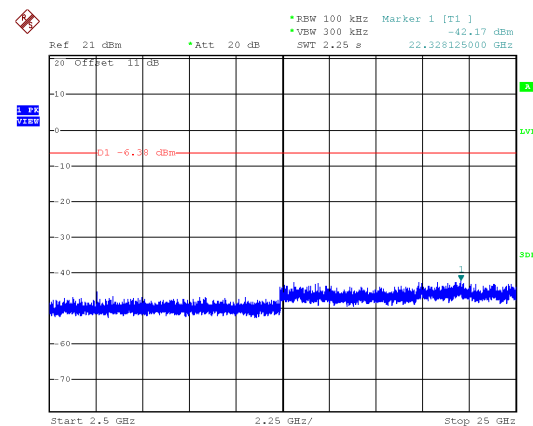
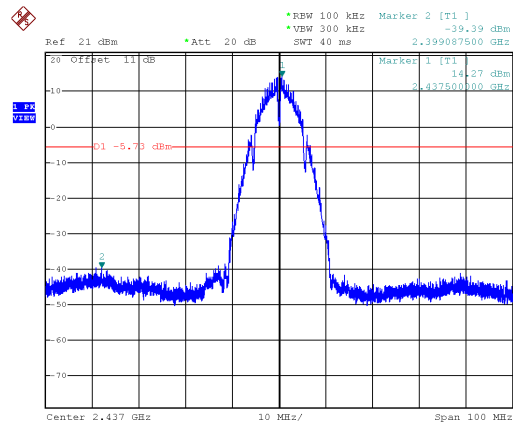
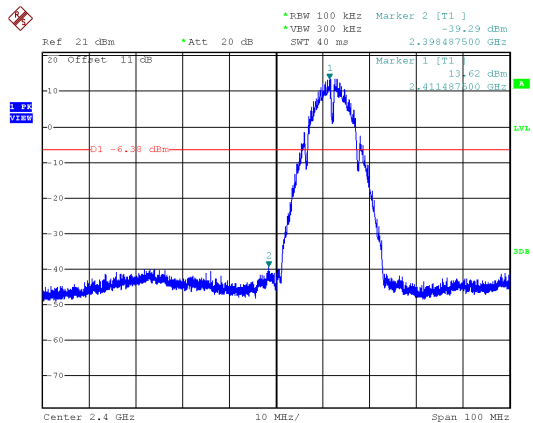
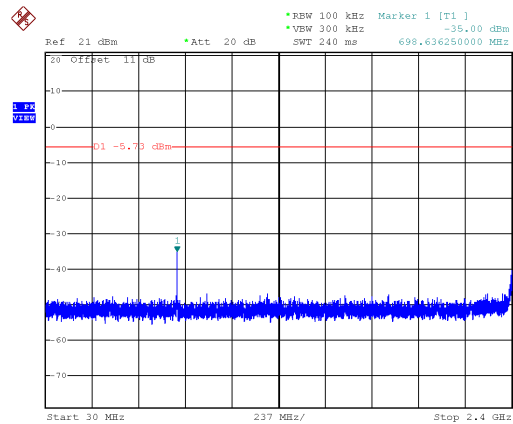


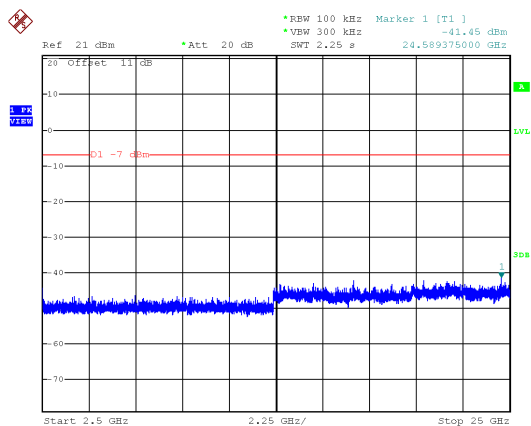
ANT A

Modulation Type: 802.11b, CH01



Modulation Type: 802.11b, CH06

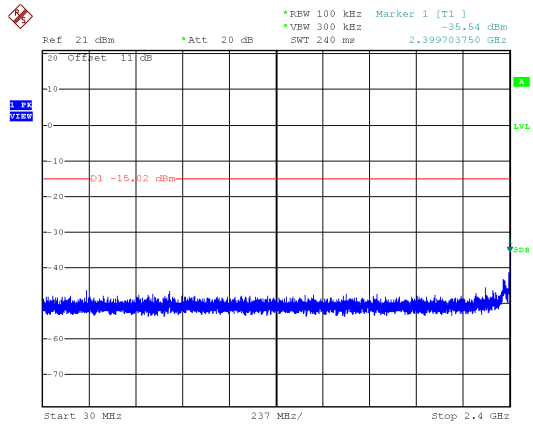




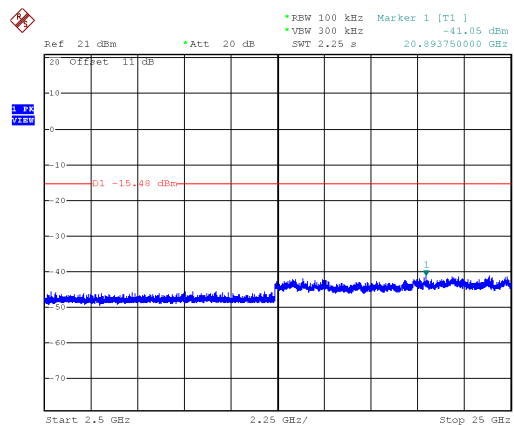
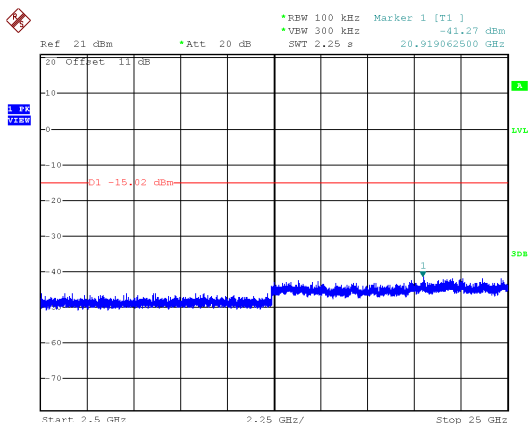
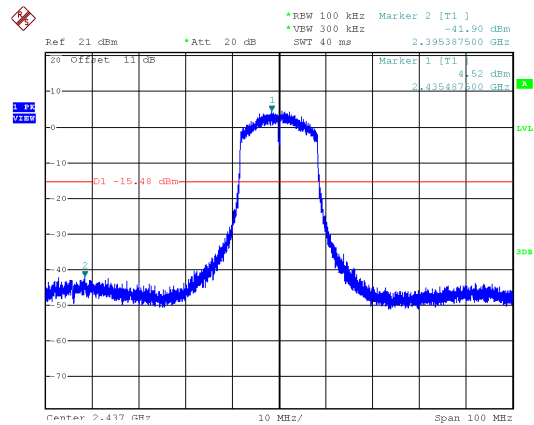
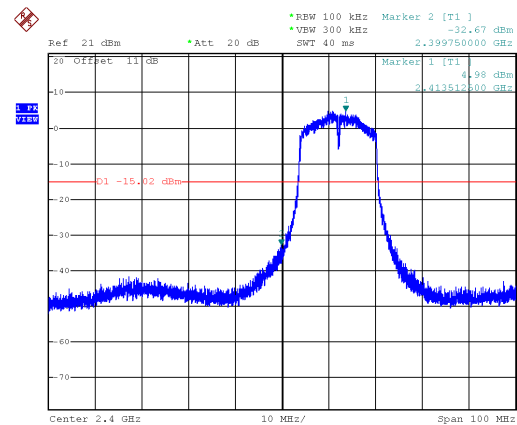
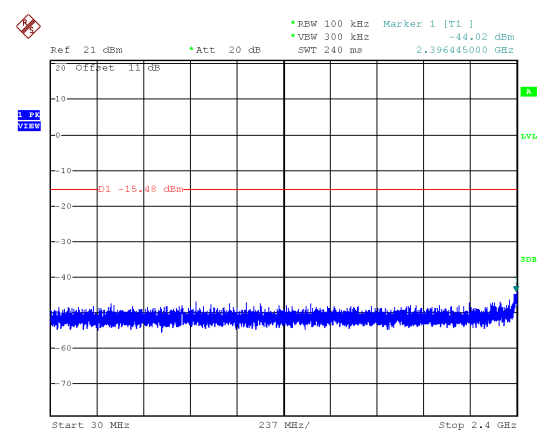


ANT A

Modulation Type: 802.11g, CH01



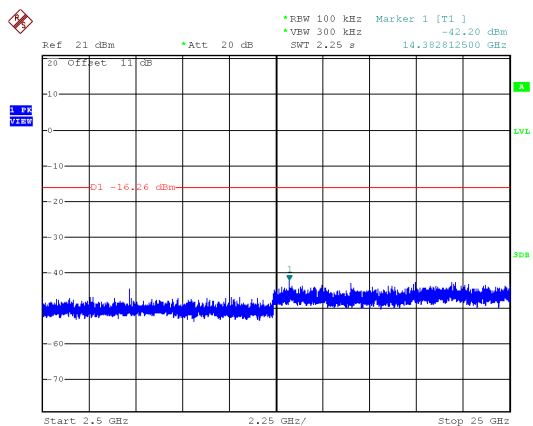
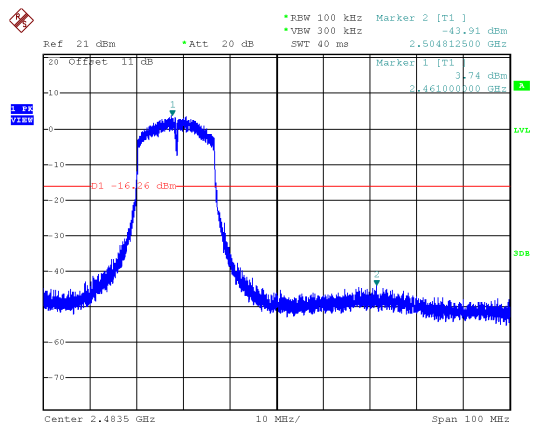
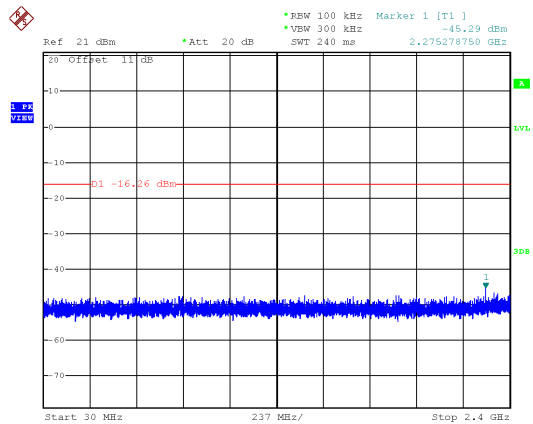
Modulation Type: 802.11g, CH06





ANT A

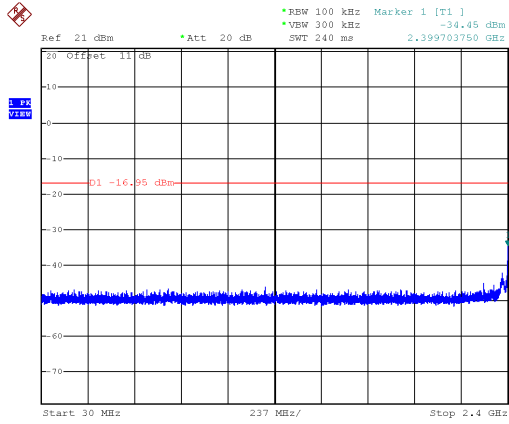
Modulation Type: 802.11g, CH11



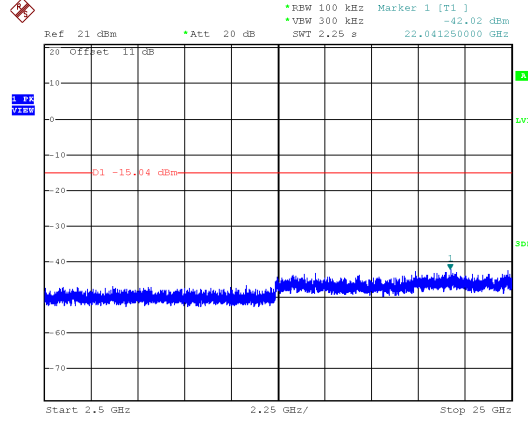
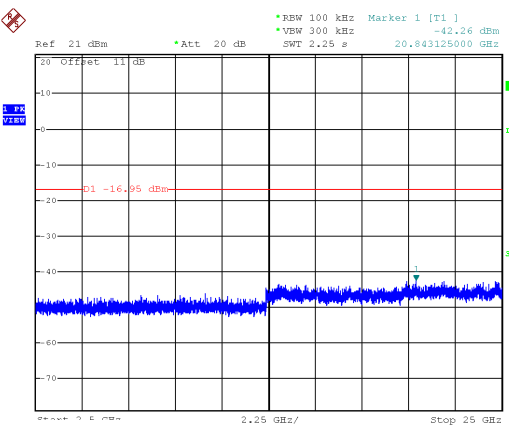
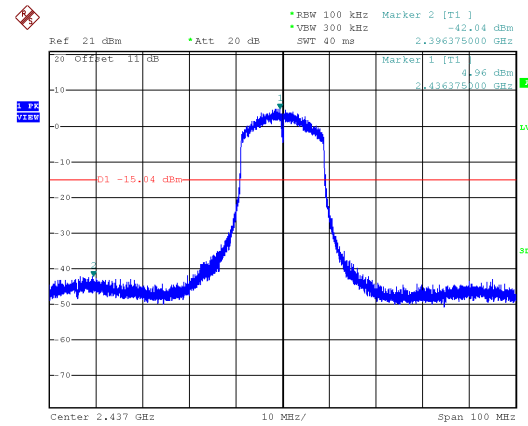
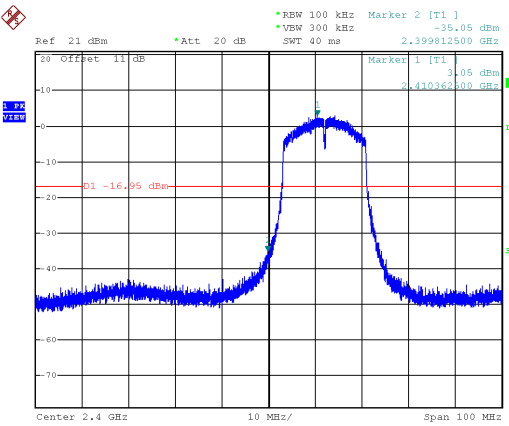
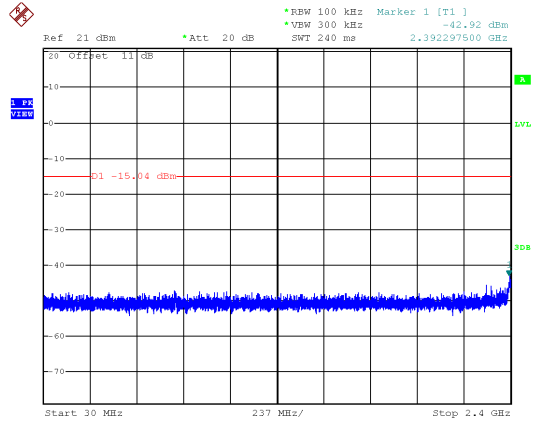


ANT A

Modulation Type: 802.11n HT20, CH01



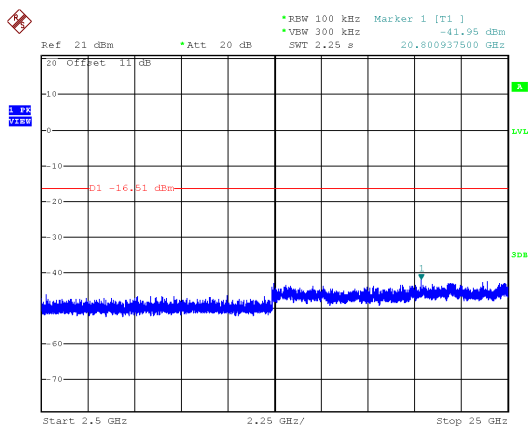
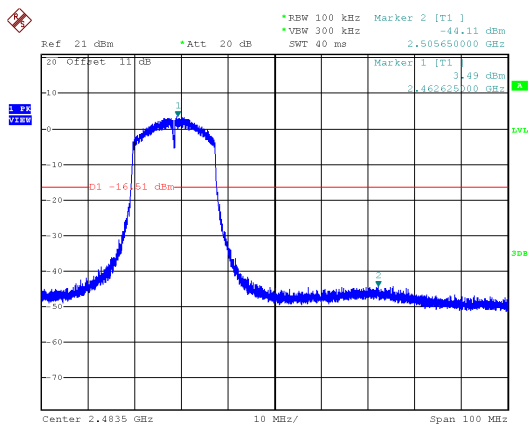
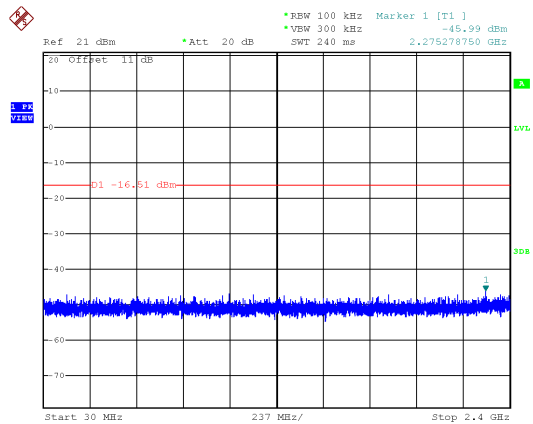
Modulation Type: 802.11n HT20, CH06





ANT A

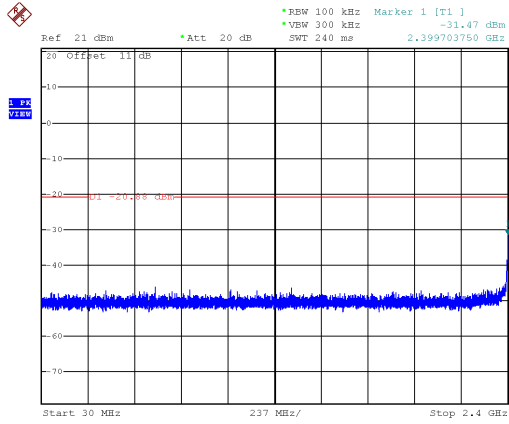
Modulation Type: 802.11n HT20, CH11



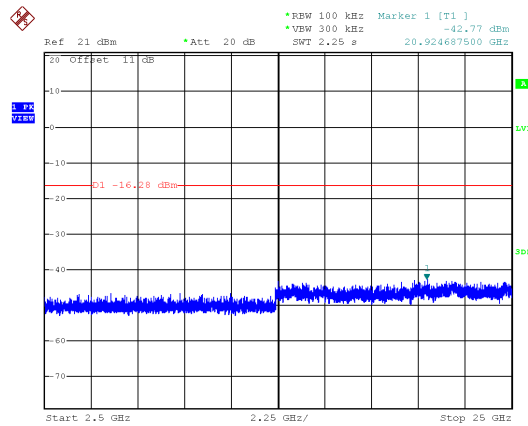
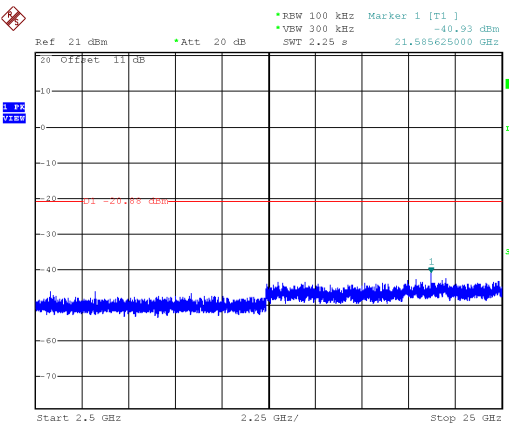
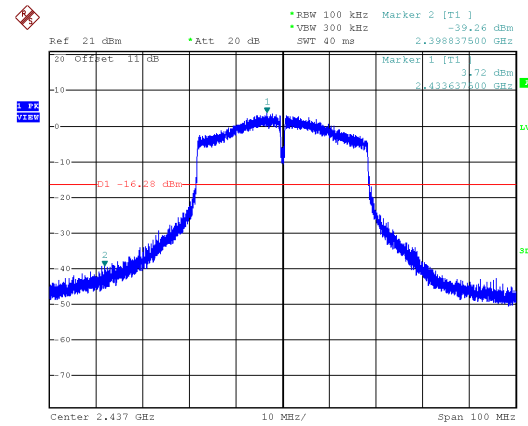
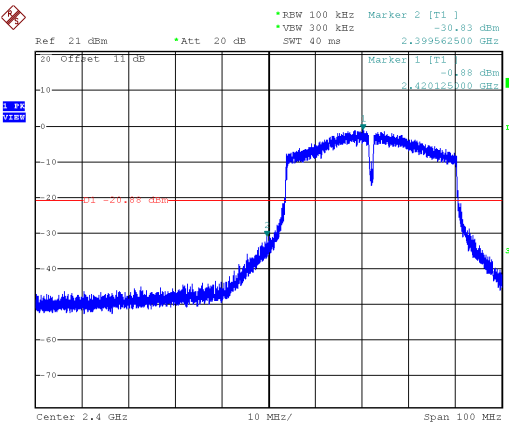
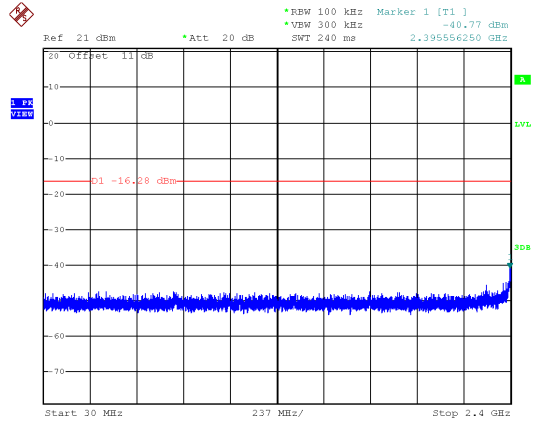


ANT A

Modulation Type: 802.11n HT40, CH03



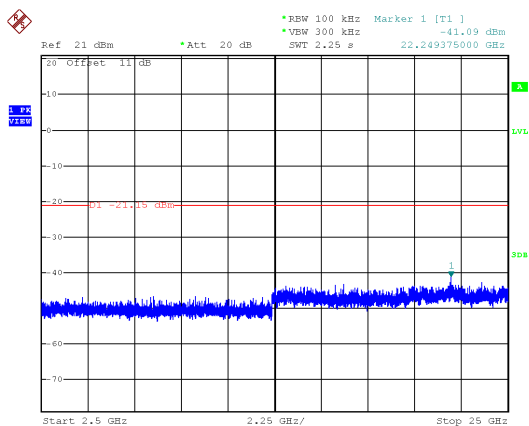
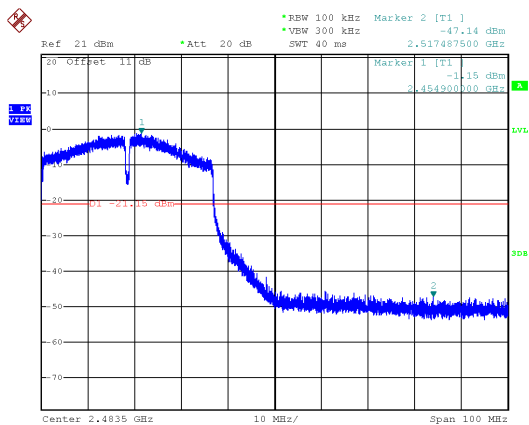
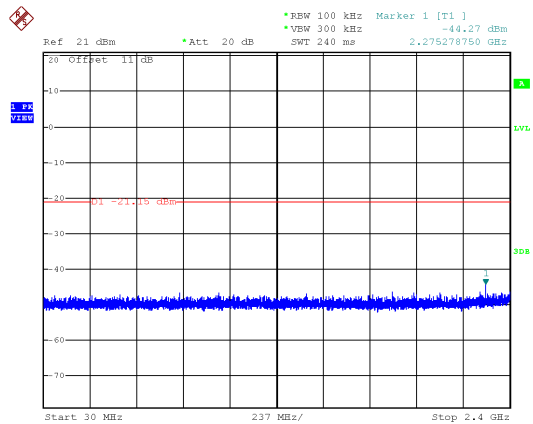
Modulation Type: 802.11n HT40, CH06





ANT A

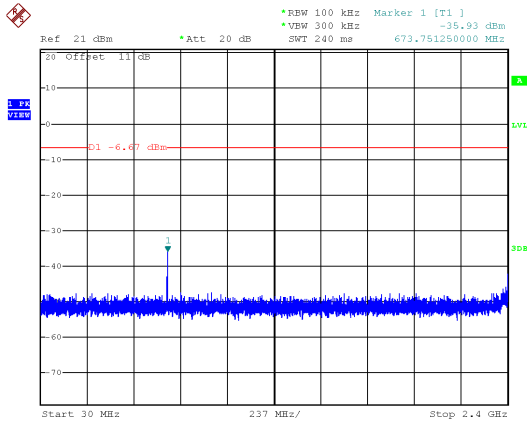
Modulation Type: 802.11n HT40, CH09



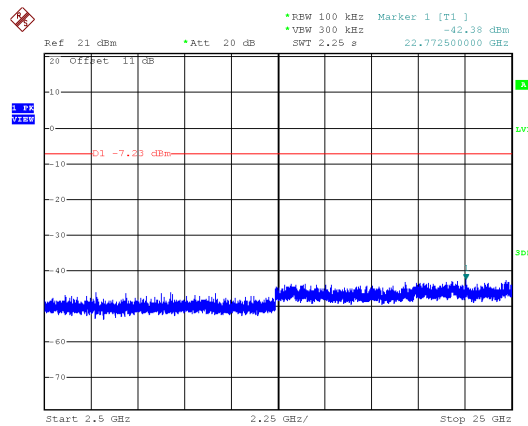
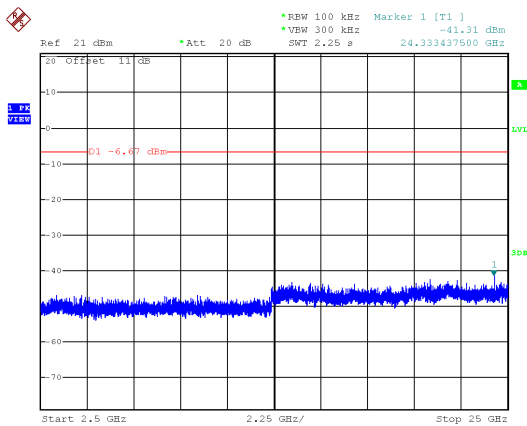
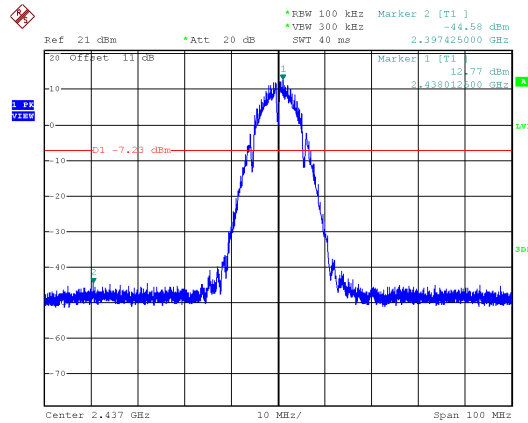
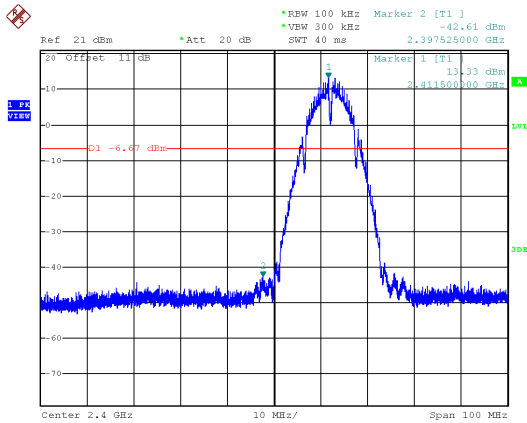
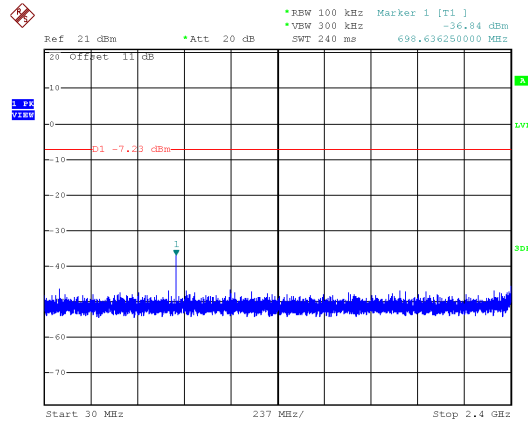


ANT B

Modulation Type: 802.11b, CH01



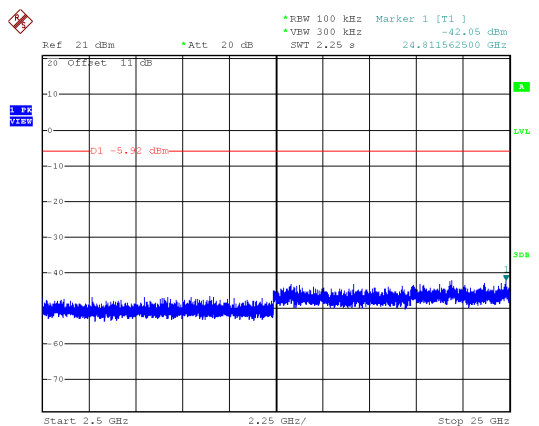
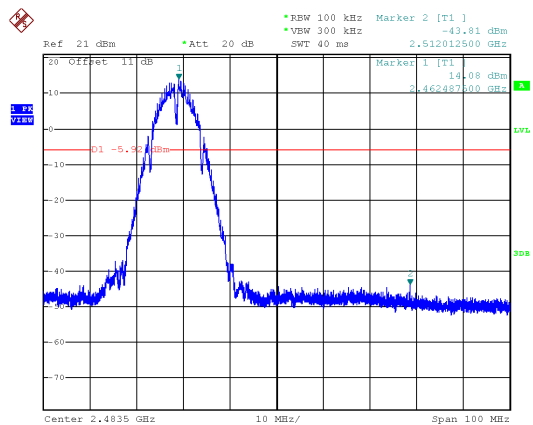
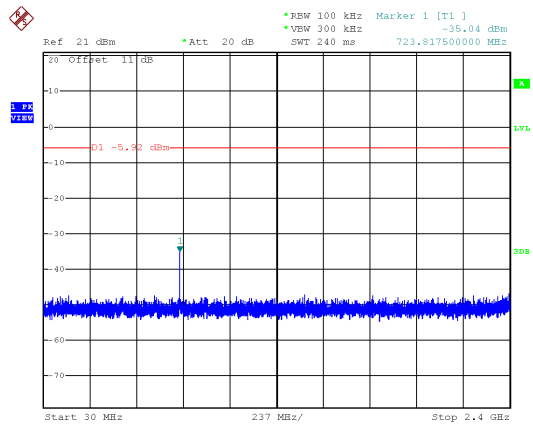
Modulation Type: 802.11b, CH06





ANT B

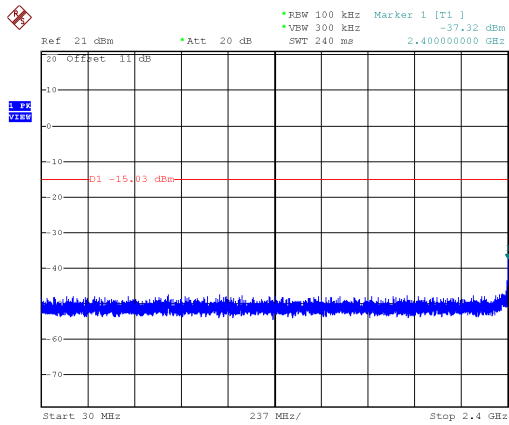
Modulation Type: 802.11b, CH11



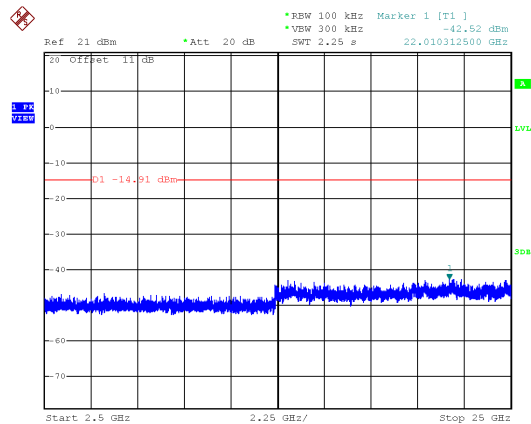
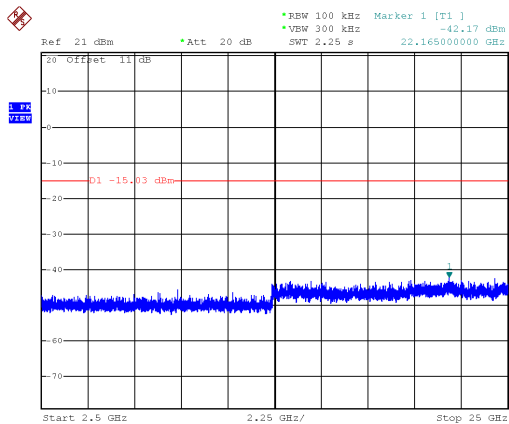
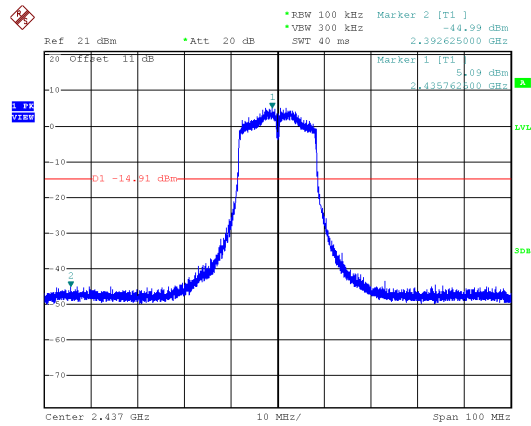
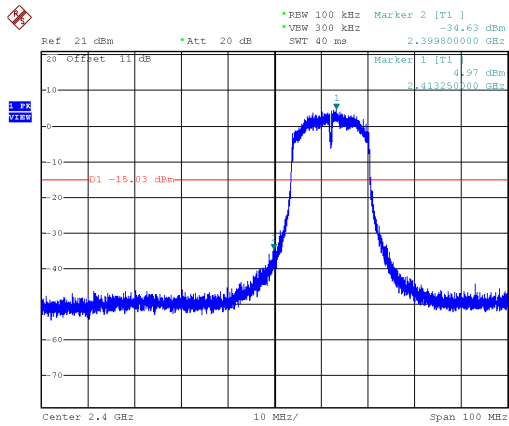
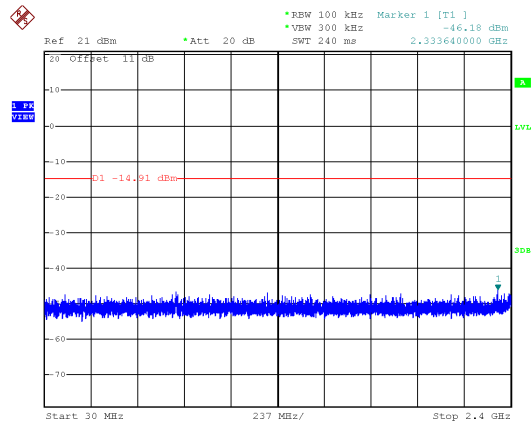


ANT B

Modulation Type: 802.11g, CH01



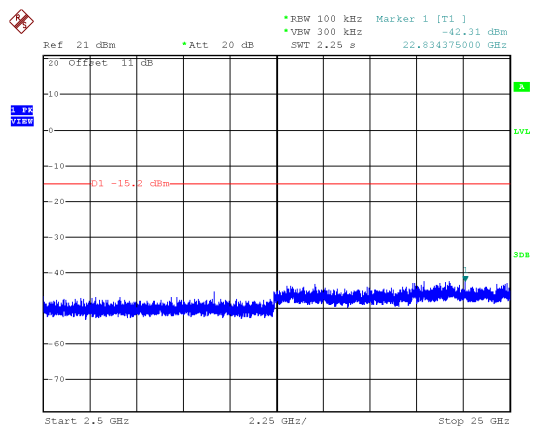
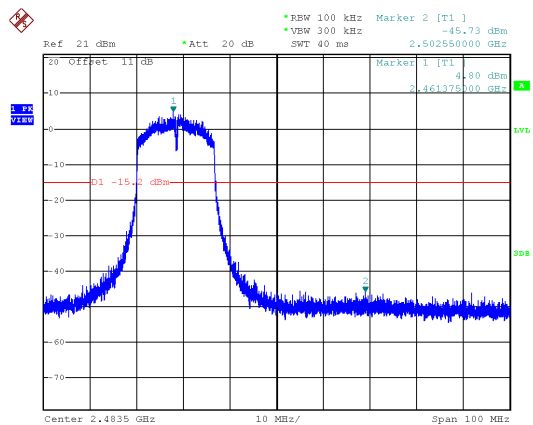
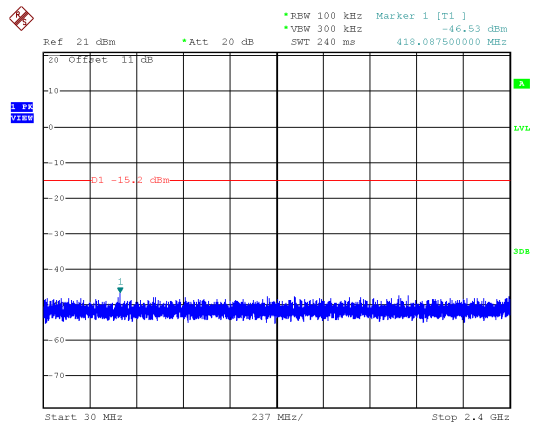
Modulation Type: 802.11g, CH06





ANT B

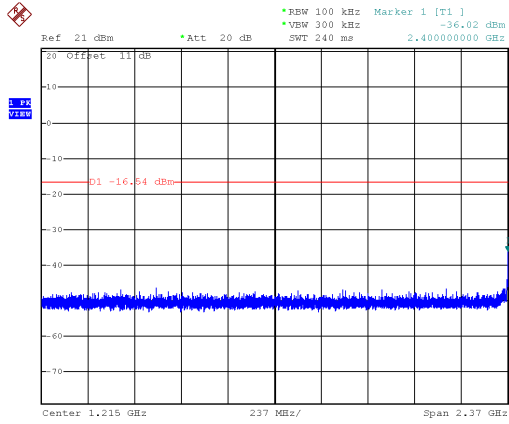
Modulation Type: 802.11g, CH11



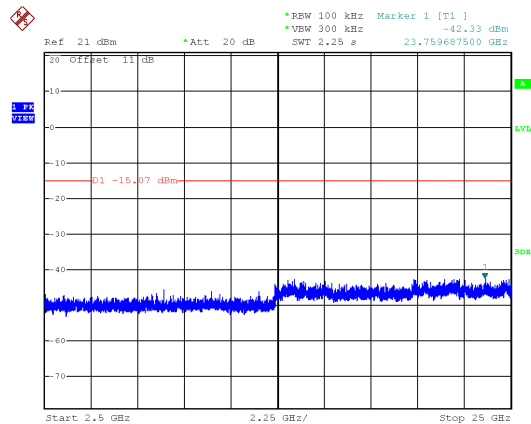
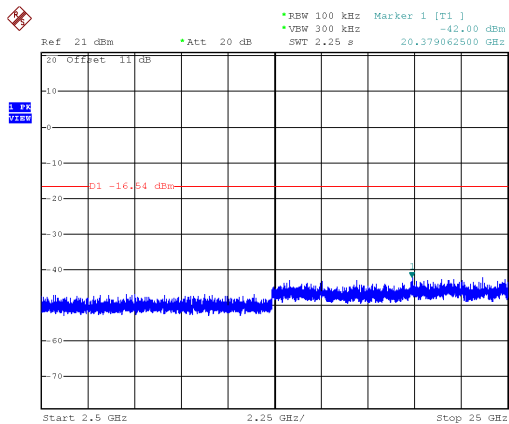
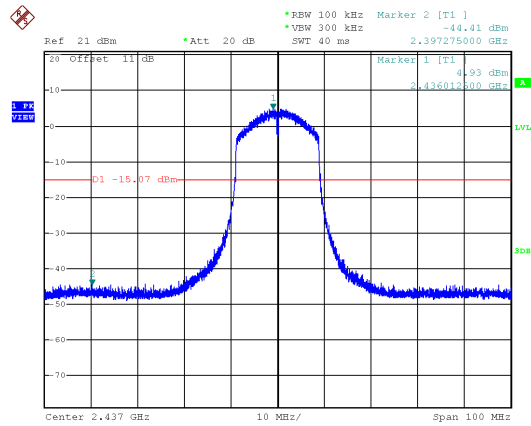
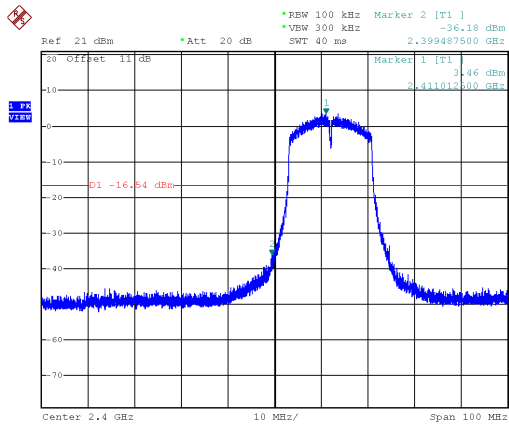
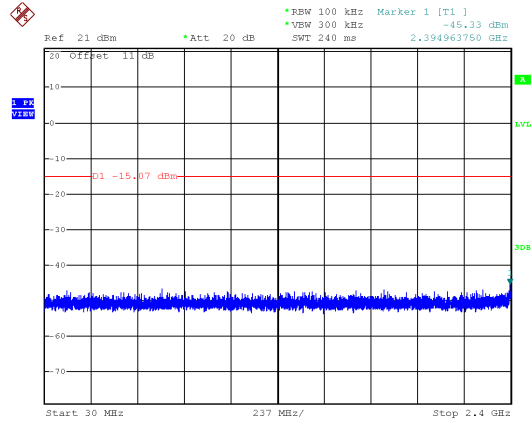


ANT B

Modulation Type: 802.11n HT20, CH01



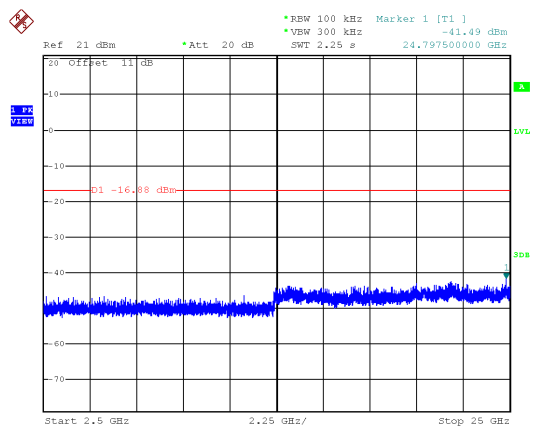
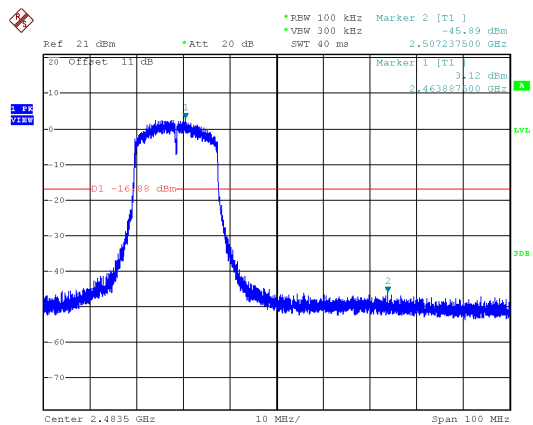
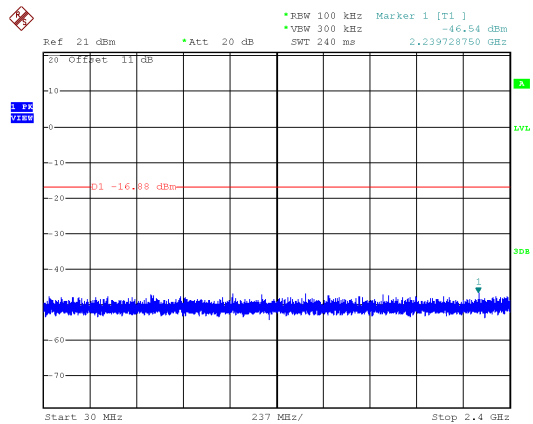
Modulation Type: 802.11n HT20, CH06





ANT B

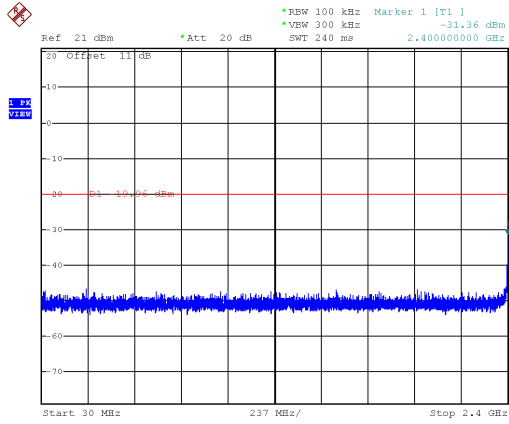
Modulation Type: 802.11n HT20, CH09



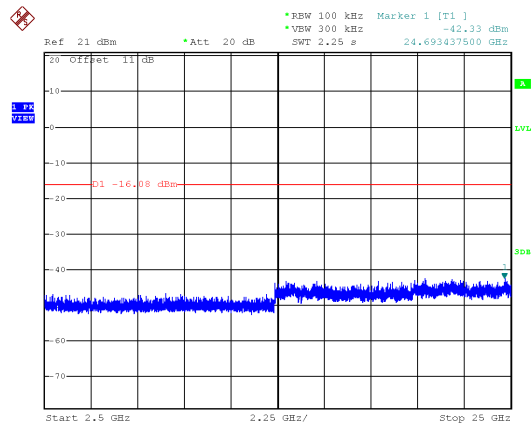
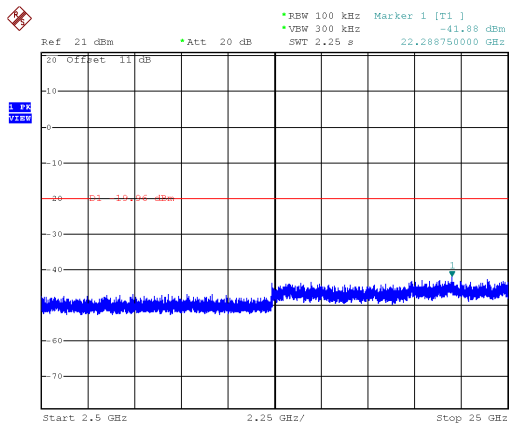
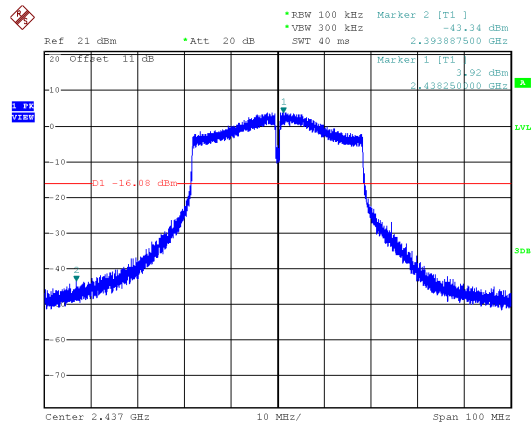
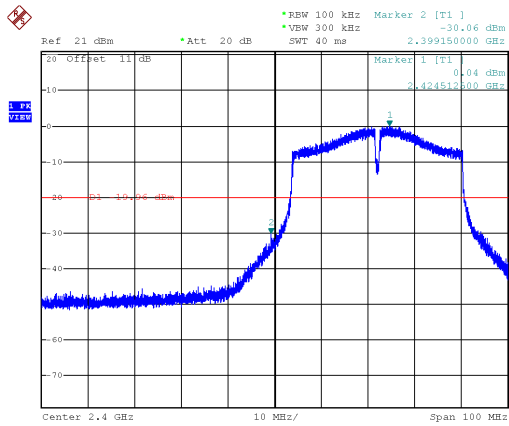
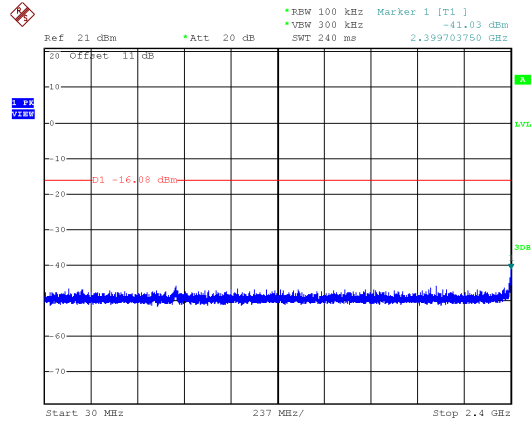


ANT B

Modulation Type: 802.11n HT40, CH03



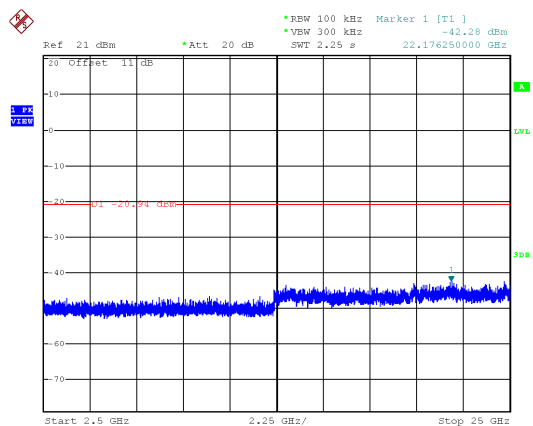
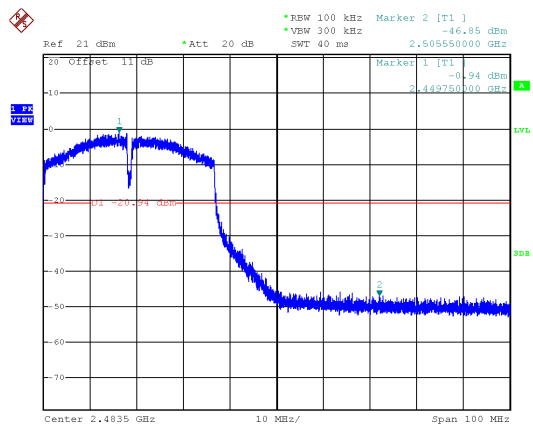
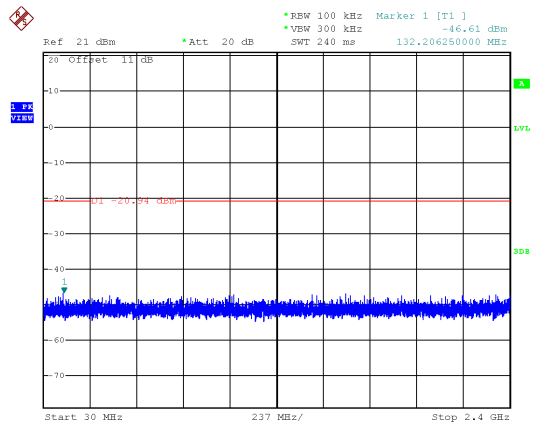
Modulation Type: 802.11n HT40, CH06





ANT B

Modulation Type: 802.11n HT40, CH09





8. On Time, Duty Cycle and Measurement methods

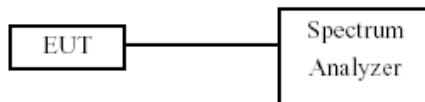
8.1 Test Limit

None; for reporting purposes only.

8.2 Test Procedure

KDB 558074 Zero-Span Spectrum Analyzer Method.

8.3 Test Setup Layout



8.4 Test Result and Data

Temperature : 21°C

Humidity : 62%

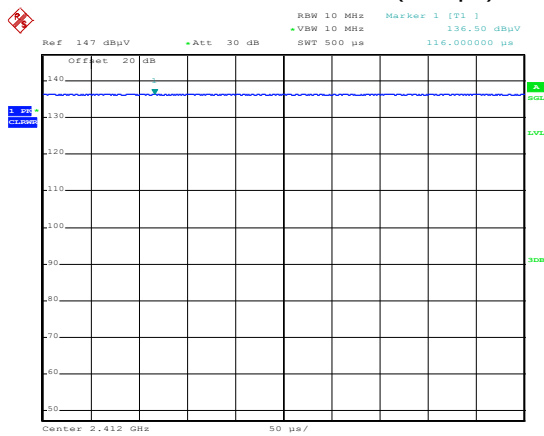
Test Date : Jan. 29, 2019

:

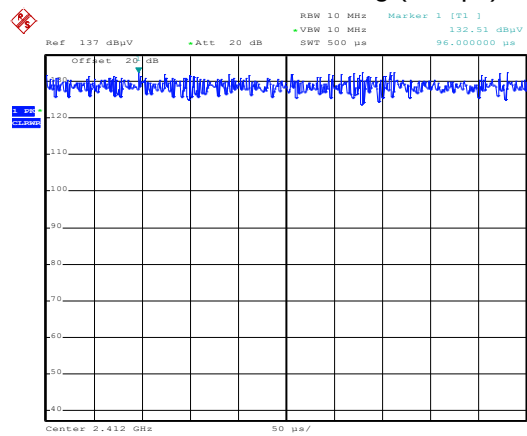
Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)
802.11b,1M	0.50	0.50	100.00%
802.11g,6M	0.50	0.50	100.00%
802.11n HT20,M0	0.50	0.50	100.00%
802.11n HT40,M0	0.50	0.50	100.00%



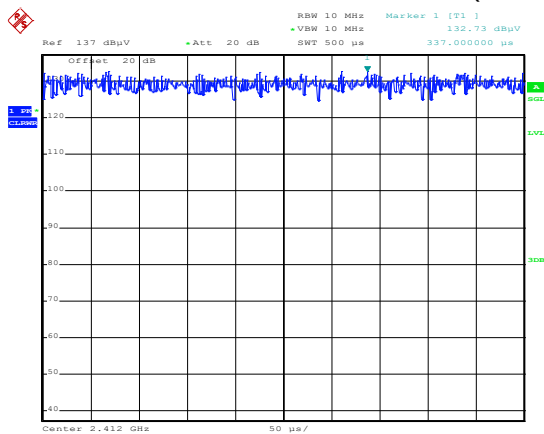
Modulation Standard: 802.11b (1Mbps)



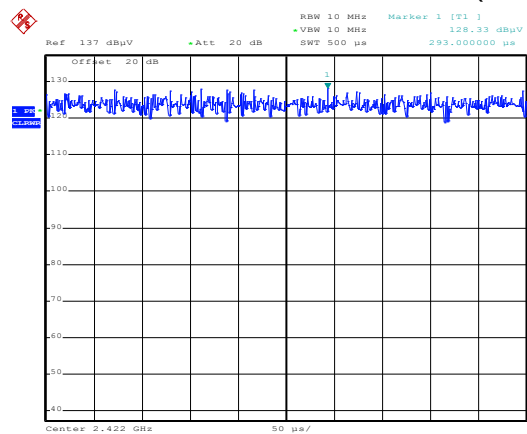
Modulation Standard: 802.11g (6Mbps)



Modulation Standard: 802.11n HT20 (6.5Mbps)



Modulation Standard: 802.11n HT40 (13.5Mbps)





9. 6dB & 99% Bandwidth Measurement Data

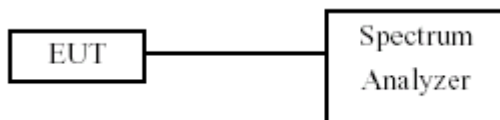
9.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

9.2 Test Procedures

- The transmitter output was connected to the spectrum analyzer.
- Set RBW of spectrum analyzer to 1~5% of the emission bandwidth and VBW $\geq 3 \times$ RBW.
- The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
- The 6dB Bandwidth was measured and recorded.

9.3 Test Setup Layout



9.4 Test Result and Data (6dB Bandwidth)

Temperature : 21°C

Humidity : 62%

Test Date : Jan. 29, 2019

:

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)
			ANT A	ANT B	
802.11b (1Mbps)	01	2412	7.10	7.10	0.5
	06	2437	7.00	7.10	0.5
	11	2462	7.10	7.00	0.5
802.11g (6Mbps)	01	2412	16.00	15.80	0.5
	06	2437	15.50	15.10	0.5
	11	2462	15.50	15.30	0.5
802.11n HT20 (6.5Mbps)	01	2412	16.30	15.10	0.5
	06	2437	16.80	14.80	0.5
	11	2462	15.70	14.40	0.5
802.11n HT40 (13.5Mbps)	03	2422	33.20	32.20	0.5
	06	2437	31.20	28.60	0.5
	09	2452	31.60	32.00	0.5



9.5 Test Result and Data (99% Bandwidth)

Temperature : 21°C

Humidity : 62%

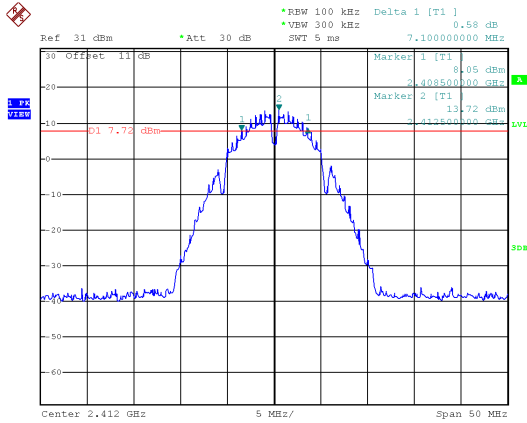
Test Date : Jan. 29, 2019

:

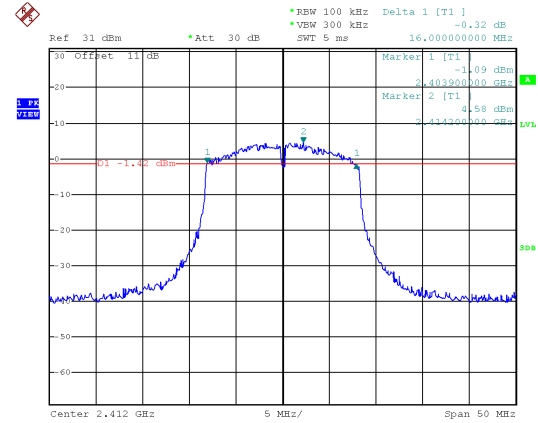
Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
802.11b (1Mbps)	01	2412	11.70	11.10
	06	2437	11.80	11.20
	11	2462	11.80	11.20
802.11g (6Mbps)	01	2412	16.20	16.20
	06	2437	16.30	16.30
	11	2462	16.30	16.40
802.11n HT20 (6.5Mbps)	01	2412	17.40	17.60
	06	2437	17.30	17.40
	11	2462	17.50	17.50
802.11n HT40 (13.5Mbps)	03	2422	36.20	36.00
	06	2437	36.00	36.00
	09	2452	36.00	36.20



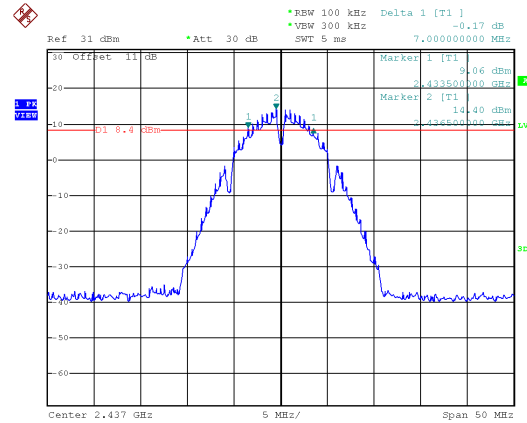
6dB Bandwidth
ANT A
Modulation Type: 802.11b
CH01



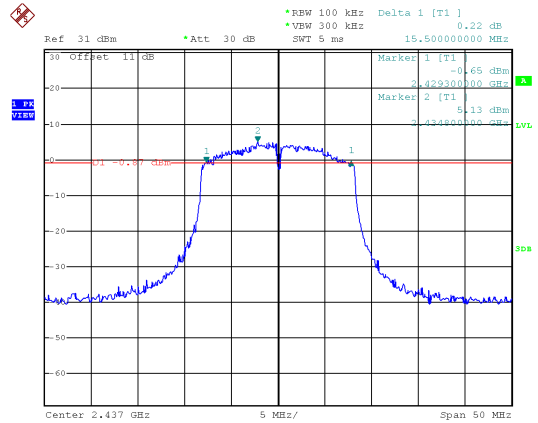
Modulation Type: 802.11g
CH01



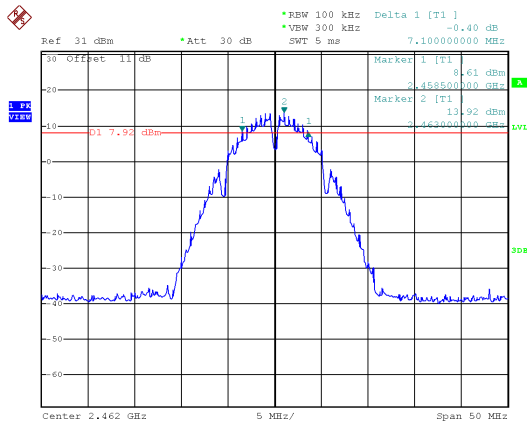
CH06



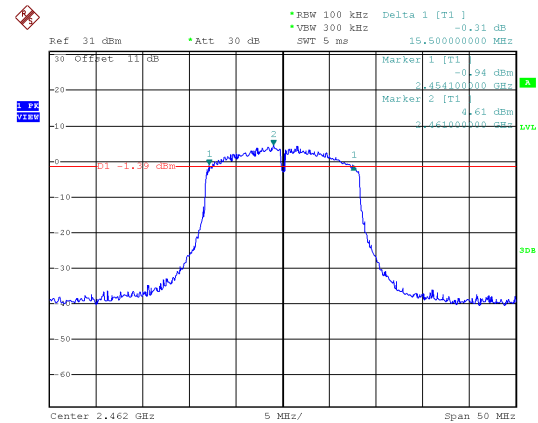
CH06



CH11

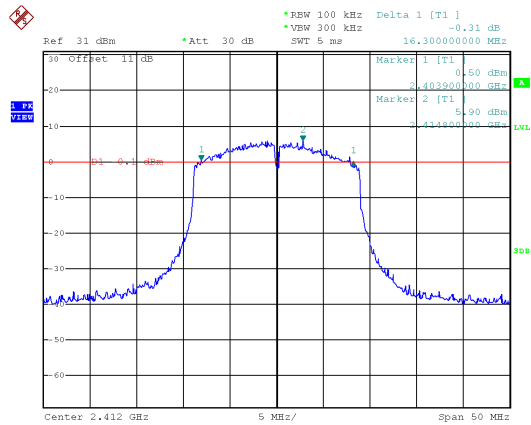


CH11

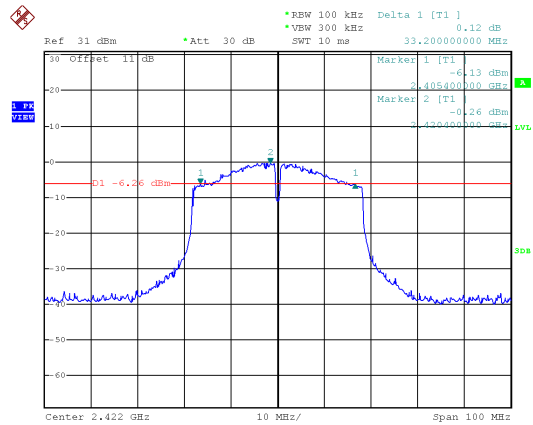




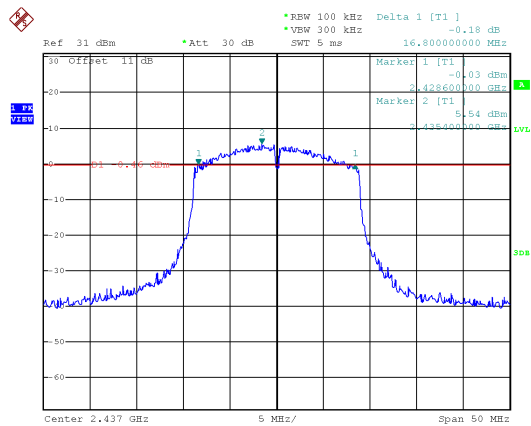
ANT A
Modulation Type: 802.11n HT20
CH01



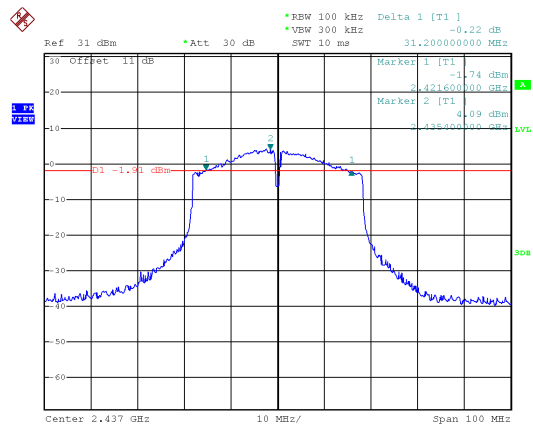
Modulation Type: 802.11n HT40
CH03



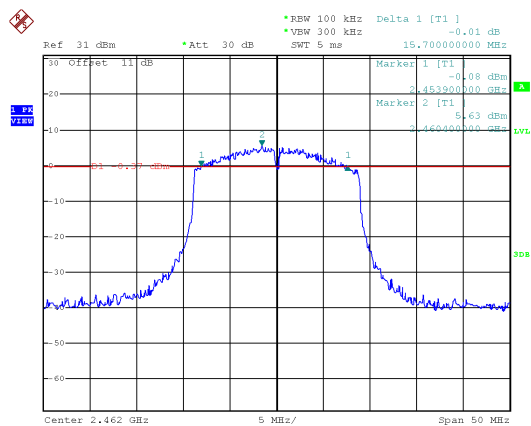
CH06



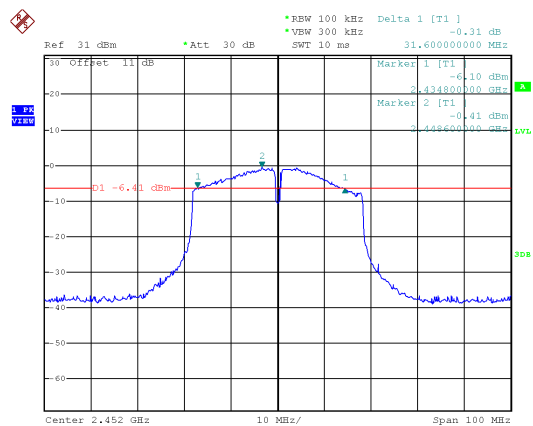
CH06



CH11

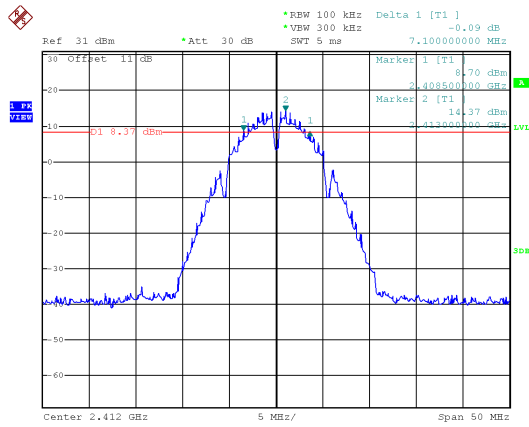


CH09

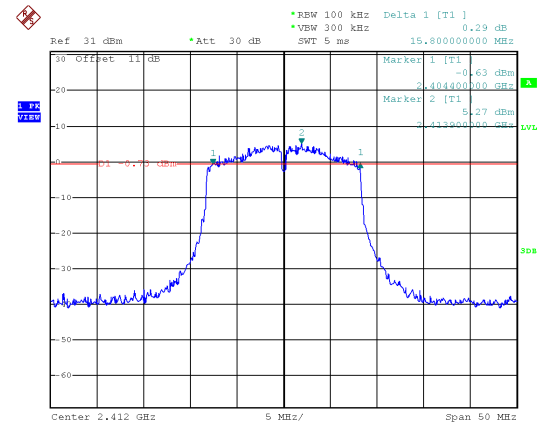




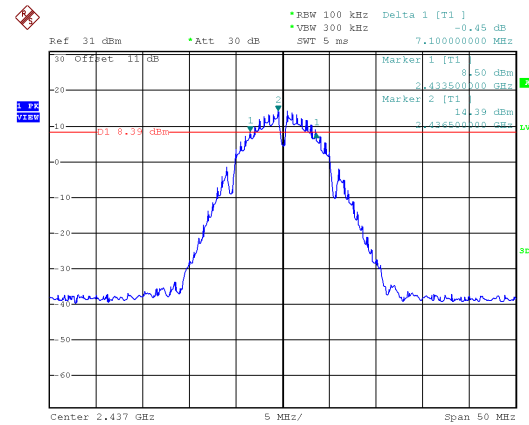
ANT B
Modulation Type: 802.11b
CH01



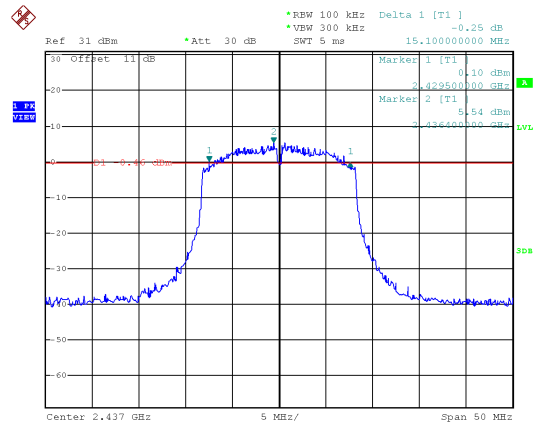
Modulation Type: 802.11g
CH01



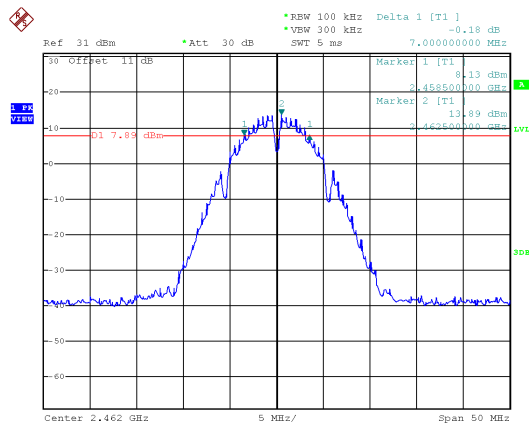
CH06



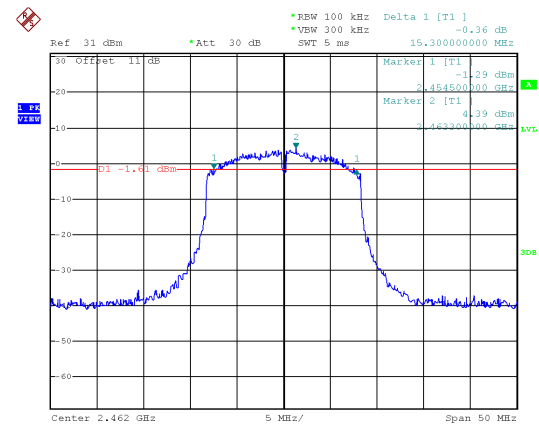
CH06



CH11

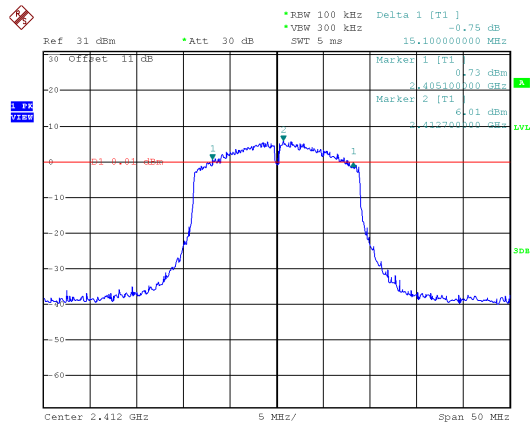


CH11

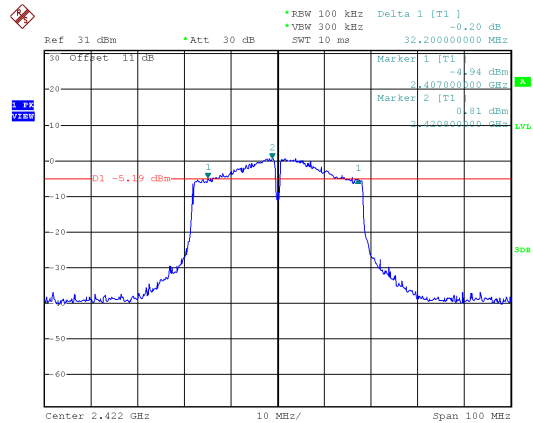




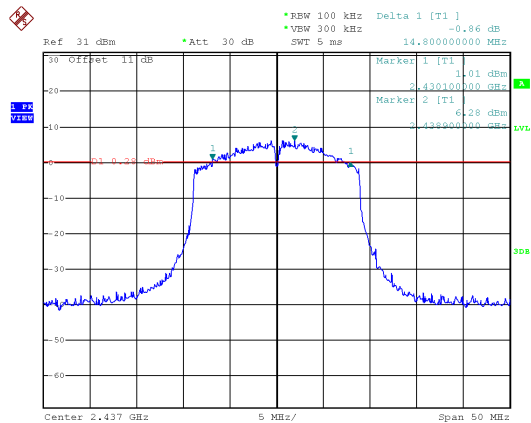
ANT B
Modulation Type: 802.11n HT20
CH01



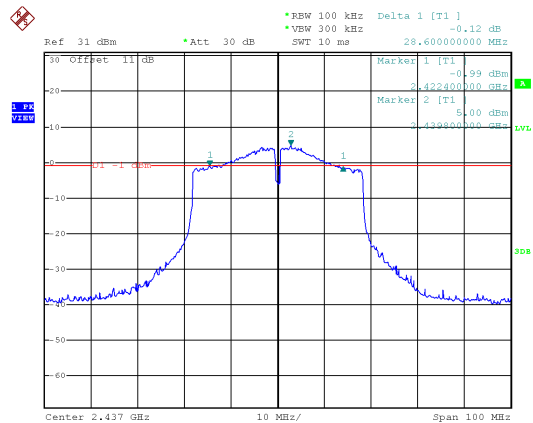
Modulation Type: 802.11n HT40
CH03



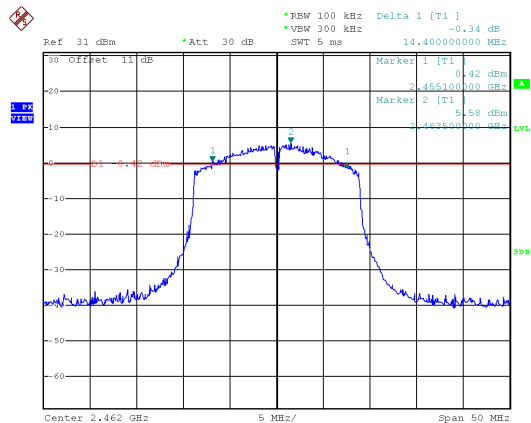
CH06



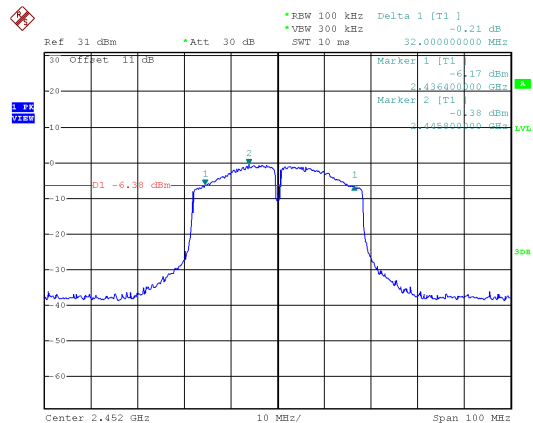
CH06



CH11

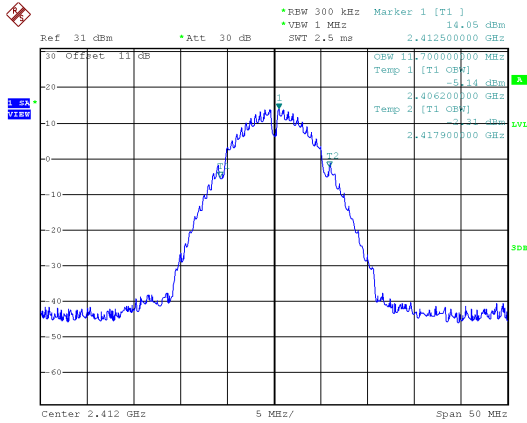


CH09

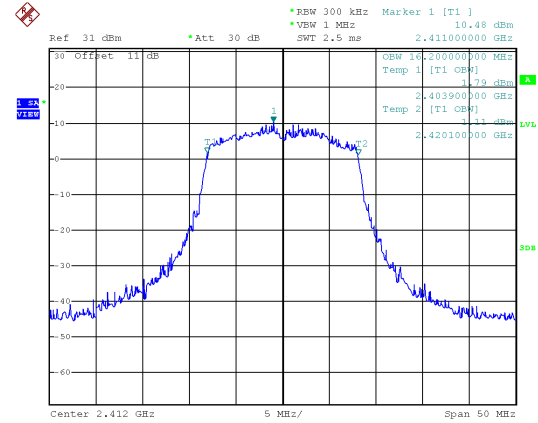




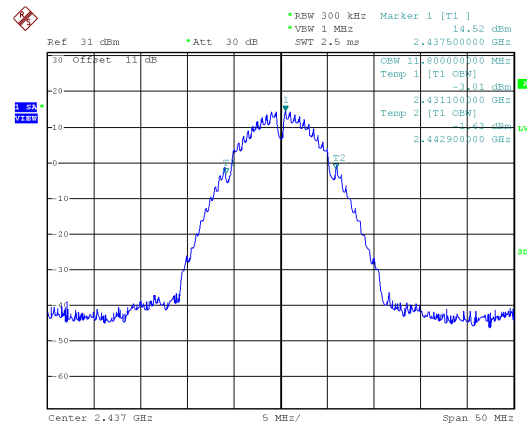
99% Bandwidth
ANT A
Modulation Type: 802.11b
CH01



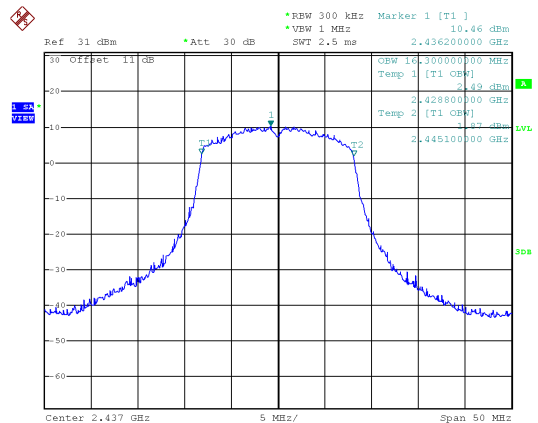
Modulation Type: 802.11g
CH01



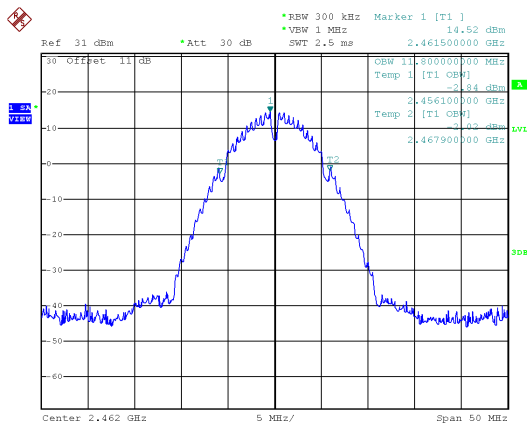
CH06



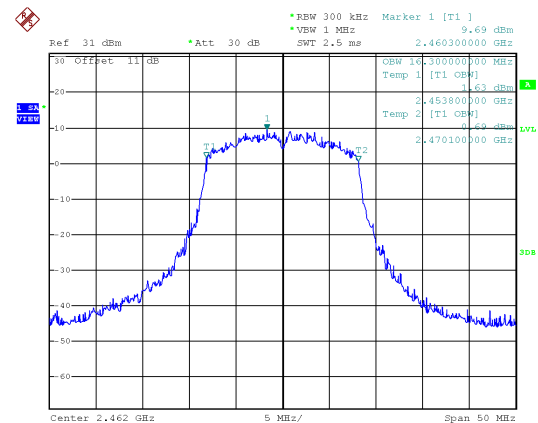
CH06



CH11

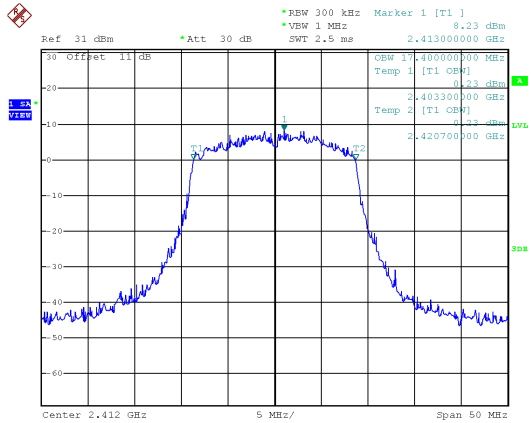


CH11

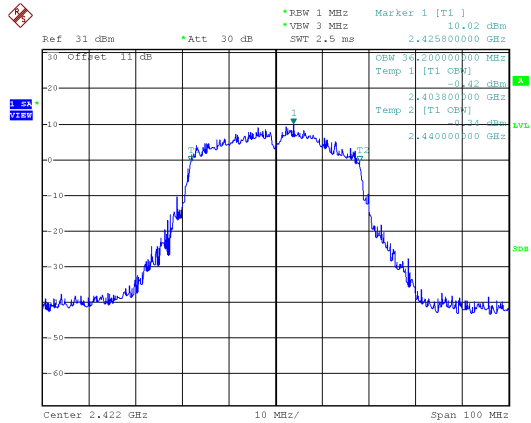




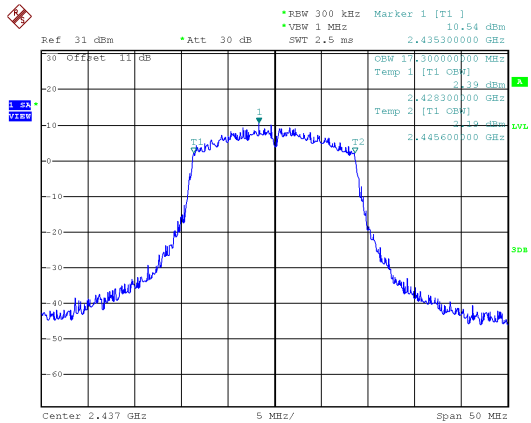
ANT A
Modulation Type: 802.11n HT20
CH01



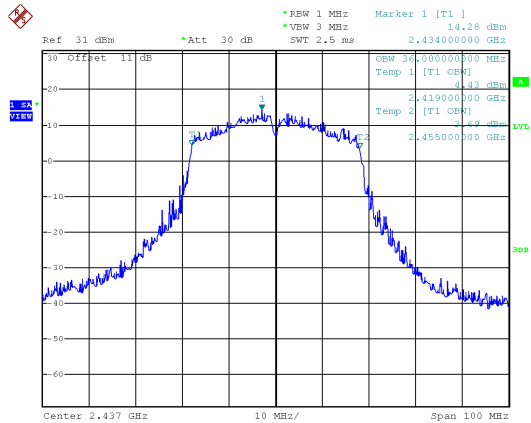
Modulation Type: 802.11n HT40
CH03



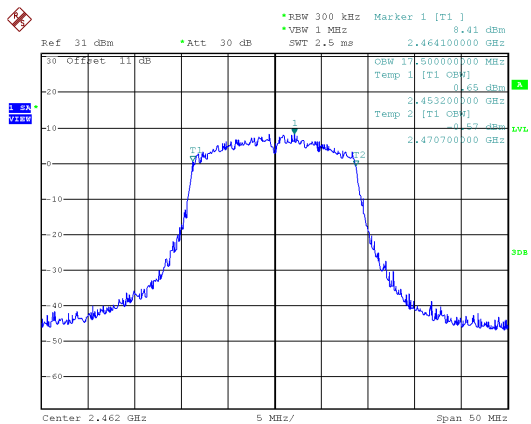
CH06



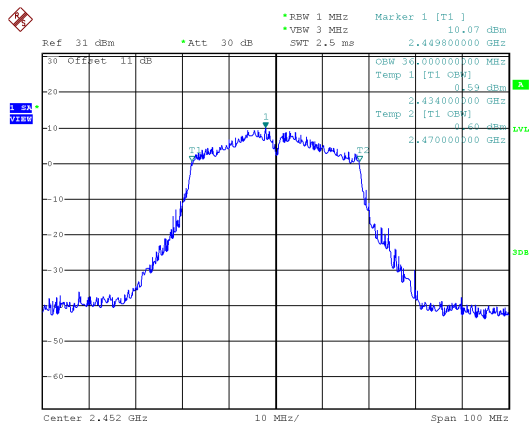
CH06



CH11



CH09

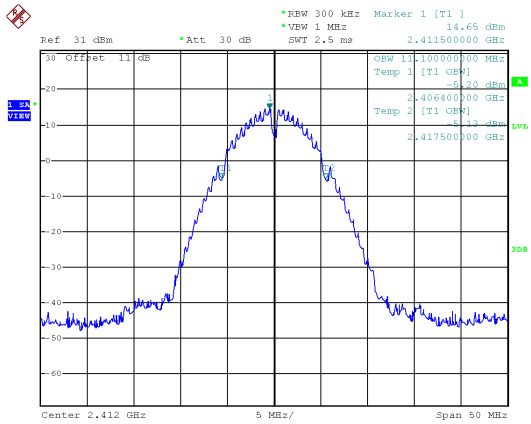




ANT B

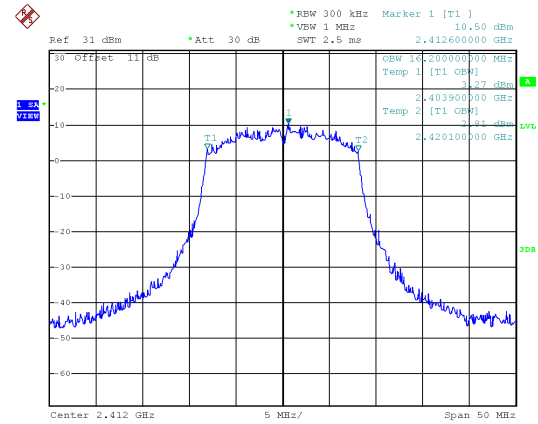
Modulation Type: 802.11b

CH01

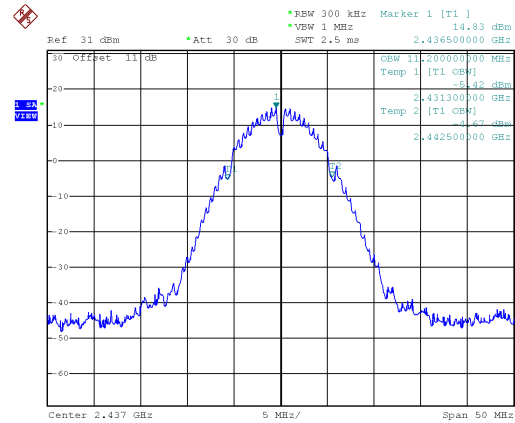


Modulation Type: 802.11g

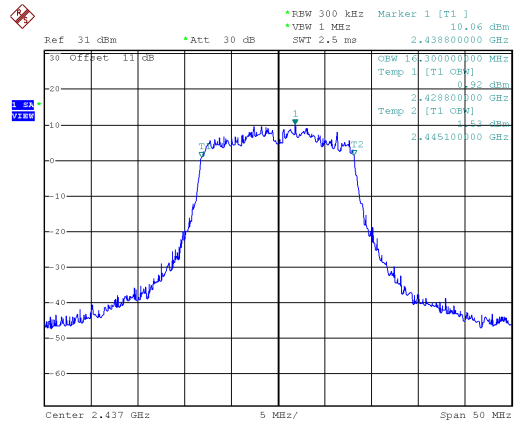
CH01



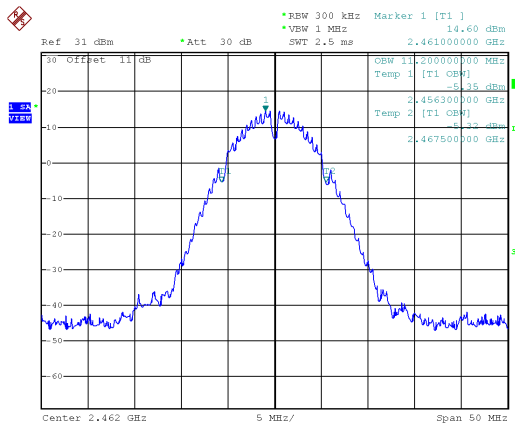
CH06



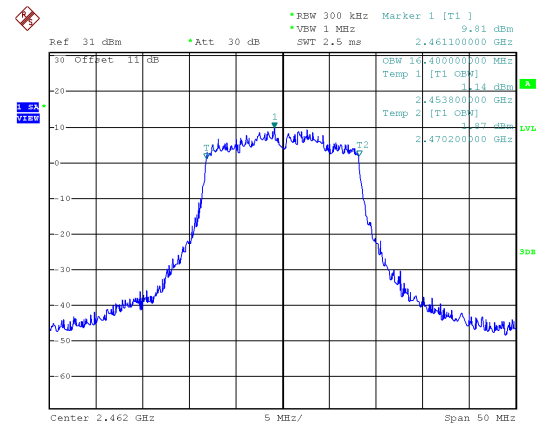
CH06



CH11



CH11

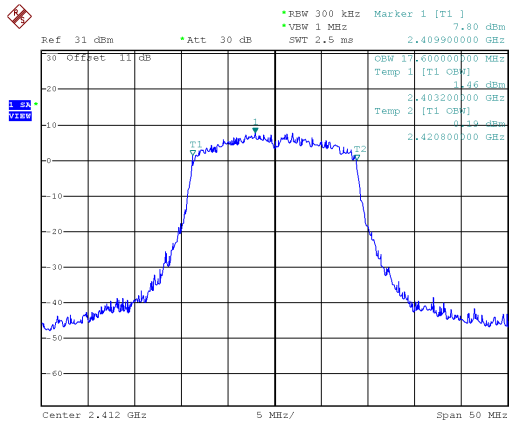




ANT B

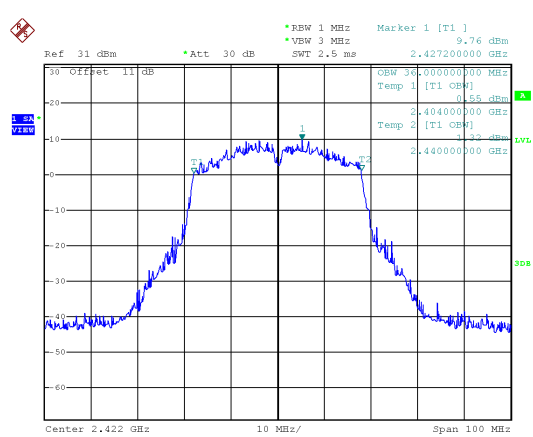
Modulation Type: 802.11n HT20

CH01

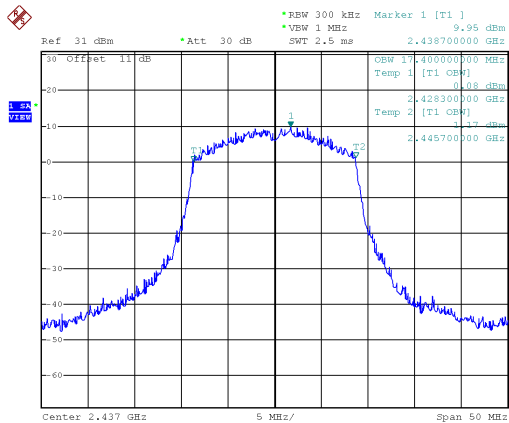


Modulation Type: 802.11n HT40

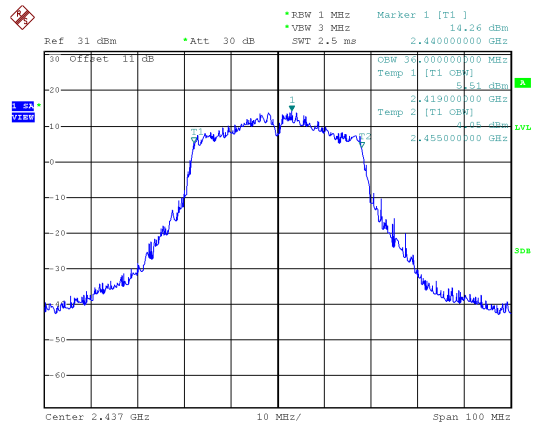
CH03



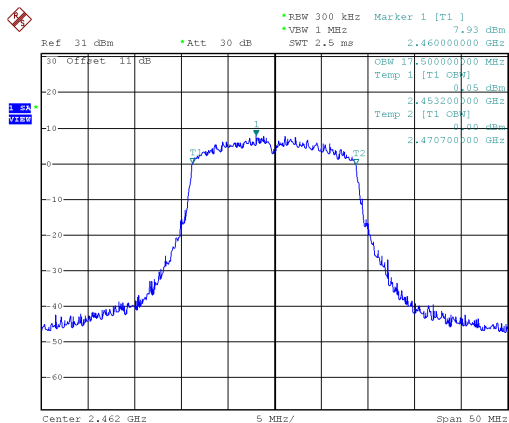
CH06



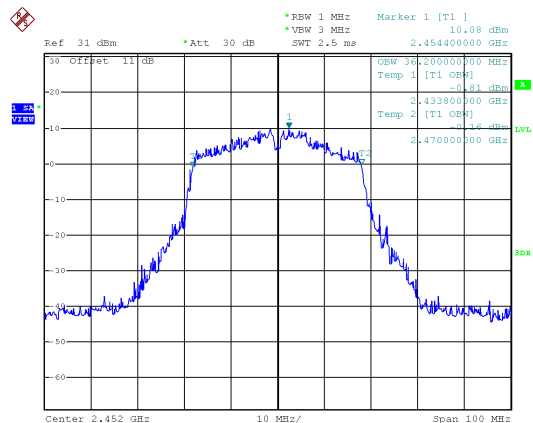
CH06



CH11



CH09





10. Maximum Peak & Average Output Power

10.1 Test Limit

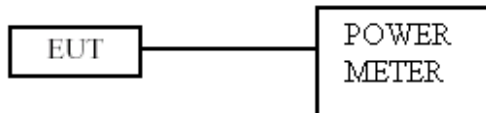
The Maximum Peak Output Power Measurement is 30dBm.

If transmitting antennas of directional gain greater than 6 dBi are used, the average output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

10.2 Test Procedures

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

10.3 Test Setup Layout





10.4 Test Result and Data

Temperature : 21°C

Humidity : 62%

Test Date : Jan. 29, 2019

Modulation Type	CH	Frequency (MHz)	Peak Power Output (dBm)		Total PK power (dBm)	Total PK power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11b	01	2412	25.56	25.89	28.74	747.900	30.00
	06	2437	25.88	25.48	28.69	740.441	30.00
	11	2462	26.11	25.93	29.03	800.061	30.00
802.11g	01	2412	26.51	26.95	29.75	943.163	30.00
	06	2437	26.94	26.98	29.97	993.195	30.00
	11	2462	26.70	26.91	29.82	958.643	30.00
802.11n HT20	01	2412	25.42	25.91	28.68	738.279	30.00
	06	2437	26.94	26.96	29.96	990.903	30.00
	11	2462	26.20	26.42	29.32	855.400	30.00
802.11n HT40	03	2422	23.86	23.42	26.66	463.006	30.00
	06	2437	26.62	26.62	29.63	918.396	30.00
	09	2452	23.28	23.47	26.39	435.145	30.00

Modulation Type	CH	Frequency (MHz)	Avg. Power Output (dBm)		Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11b	01	2412	22.48	22.78	25.64	366.681	NA
	06	2437	22.78	22.59	25.70	371.222	NA
	11	2462	22.98	22.84	25.92	390.919	NA
802.11g	01	2412	19.21	19.18	22.21	166.162	NA
	06	2437	19.18	19.18	22.19	165.588	NA
	11	2462	18.75	19.10	21.94	156.272	NA
802.11n HT20	01	2412	18.12	18.31	21.23	132.628	NA
	06	2437	19.12	19.20	22.17	164.835	NA
	11	2462	18.27	18.52	21.41	138.264	NA
802.11n HT40	03	2422	16.26	15.97	19.13	81.804	NA
	06	2437	19.98	19.91	22.96	197.490	NA
	09	2452	15.70	16.01	18.87	77.056	NA

* Average Power is reference Only



11. Power Spectral Density

11.1 Test Limit

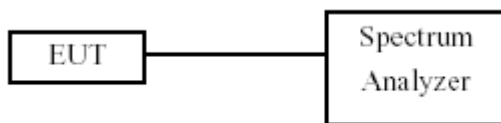
The Maximum of Power Spectral Density Measurement is 8dBm.

If transmitting antennas of directional gain greater than 6 dBi are used, the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

11.2 Test Procedures

Reference to KDB558074 DTS Meas Guidance

11.3 Test Setup Layout



11.4 Test Result and Data

Temperature : 21°C

Humidity : 62%

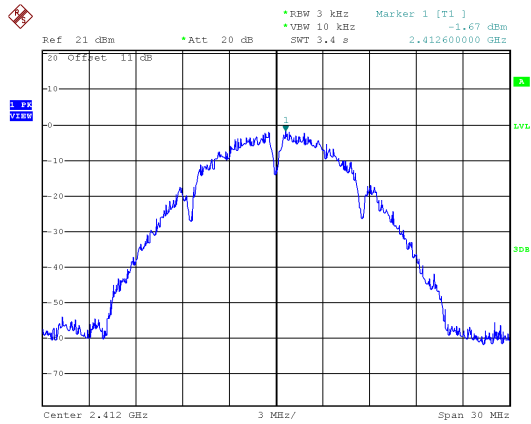
Test Date : Jan. 29, 2019

:

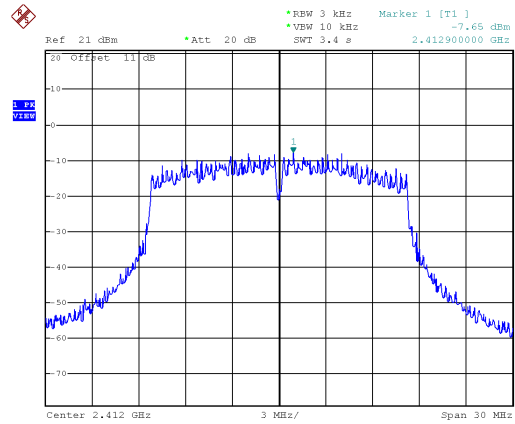
Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 10 kHz Bandwidth (dBm)		Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A	ANT B				
IEEE 802.11b (1Mbps)	01	2412	-1.67	-0.63	1.89	0.00	1.89	8.00
	06	2437	-0.54	-0.81	2.34	0.00	2.34	8.00
	11	2462	-0.51	-1.16	2.19	0.00	2.19	8.00
IEEE 802.11g (6Mbps)	01	2412	-7.65	-7	-4.30	0.00	-4.30	8.00
	06	2437	-7.18	-7.36	-4.26	0.00	-4.26	8.00
	11	2462	-7.68	-7.9	-4.78	0.00	-4.78	8.00
802.11n HT20 (6.5Mbps)	01	2412	-8.45	-8.18	-5.30	0.00	-5.30	8.00
	06	2437	-7.06	-7.63	-4.33	0.00	-4.33	8.00
	11	2462	-8.52	-8.37	-5.43	0.00	-5.43	8.00
802.11n HT40 (6.5Mbps)	03	2422	-12.59	-12.18	-9.37	0.00	-9.37	8.00
	06	2437	-11.26	-11.05	-8.14	0.00	-8.14	8.00
	09	2452	-13.65	-13.4	-10.51	0.00	-10.51	8.00



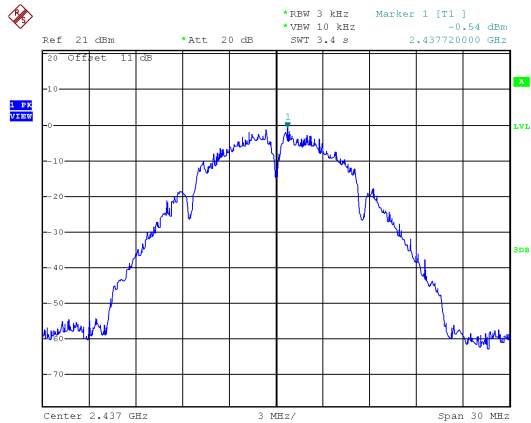
ANT A
Modulation Type: 802.11b
CH01



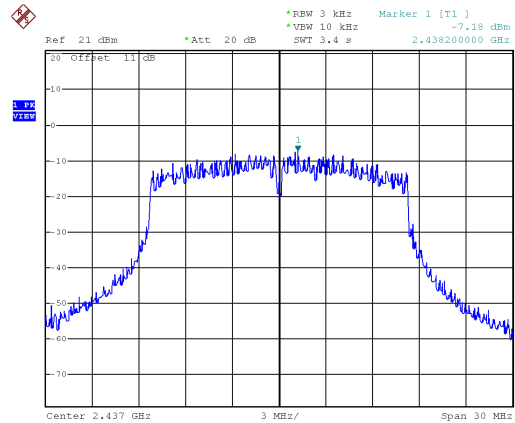
Modulation Type: 802.11g
CH01



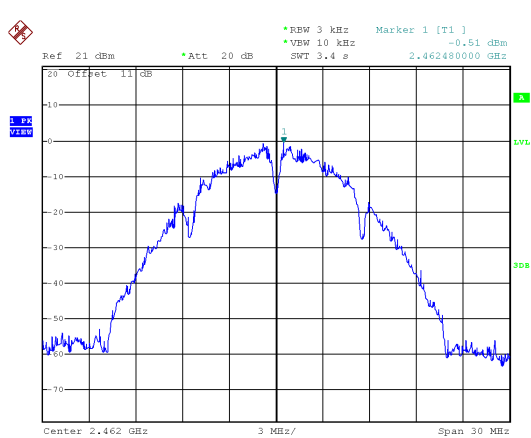
CH06



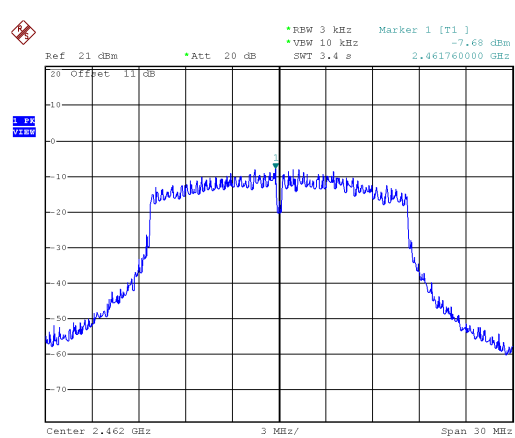
CH06



CH11

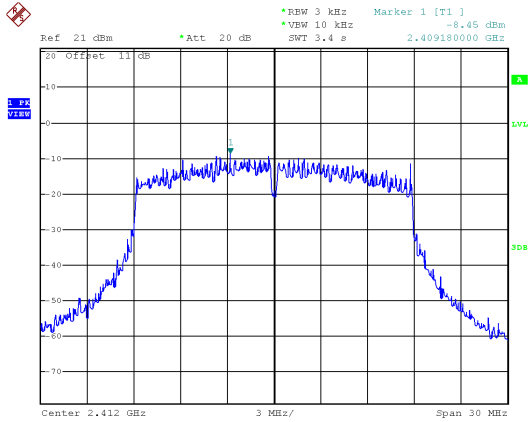


CH11

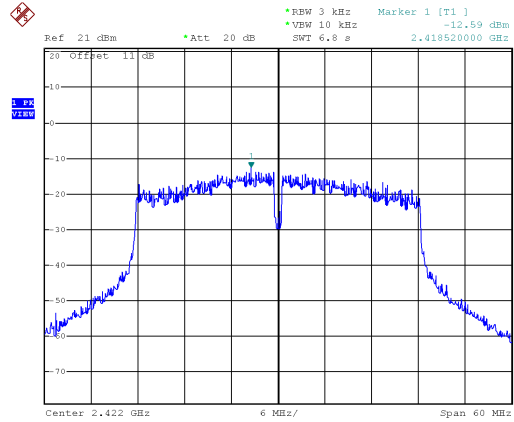




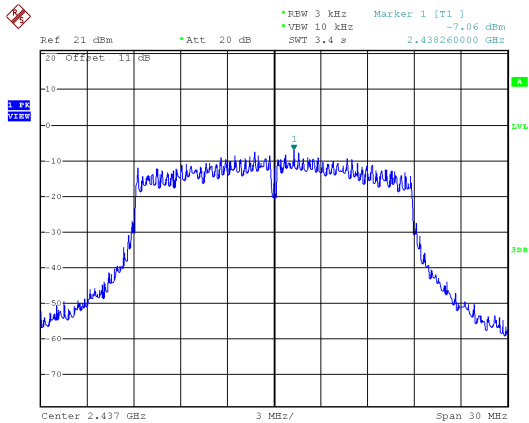
ANT A
Modulation Type: 802.11n HT20
CH01



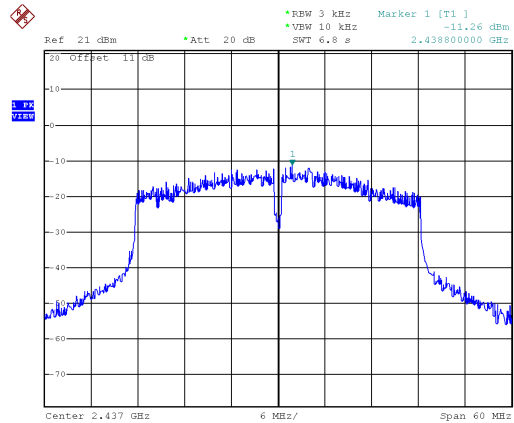
Modulation Type: 802.11n HT40
CH03



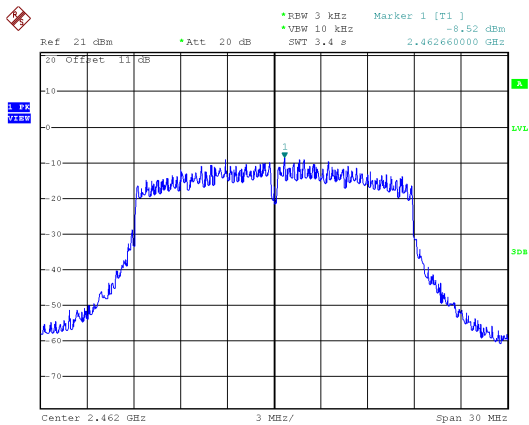
CH06



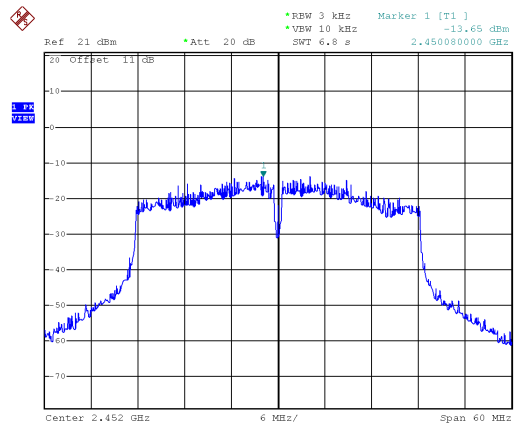
CH06



CH11

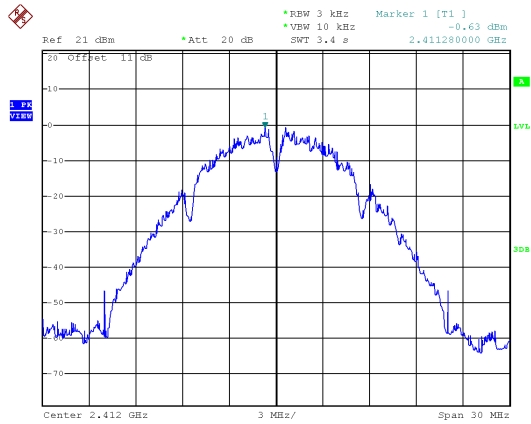


CH09

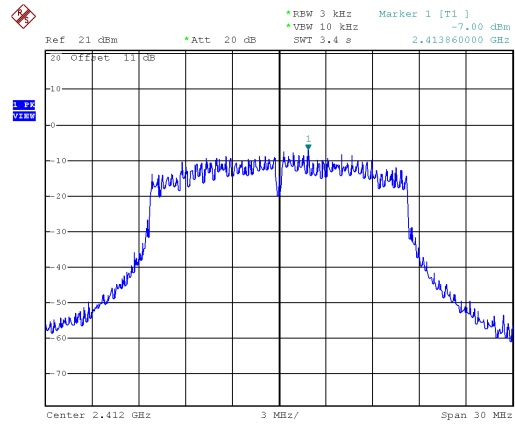




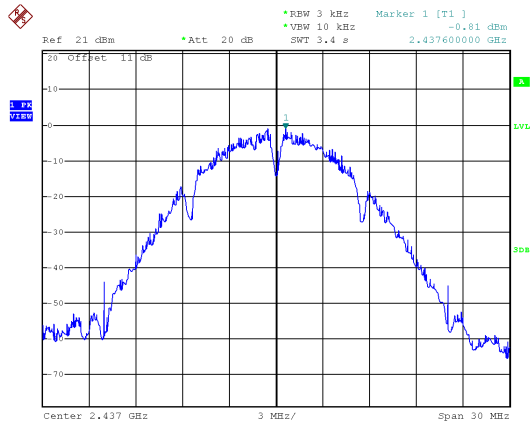
ANT B
Modulation Type: 802.11b
CH01



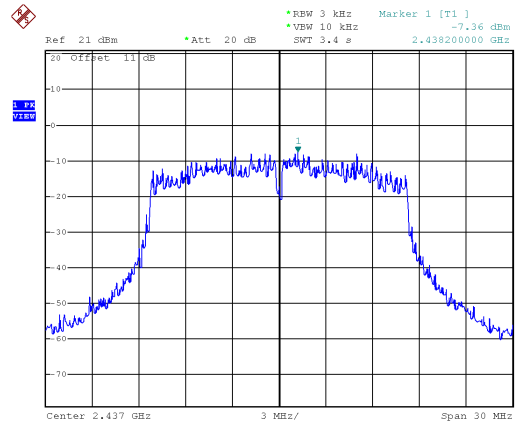
Modulation Type: 802.11g
CH01



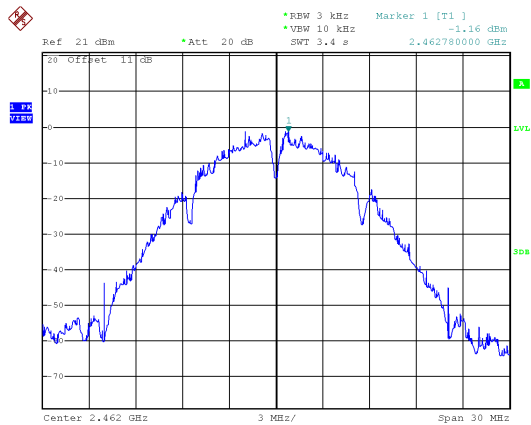
CH06



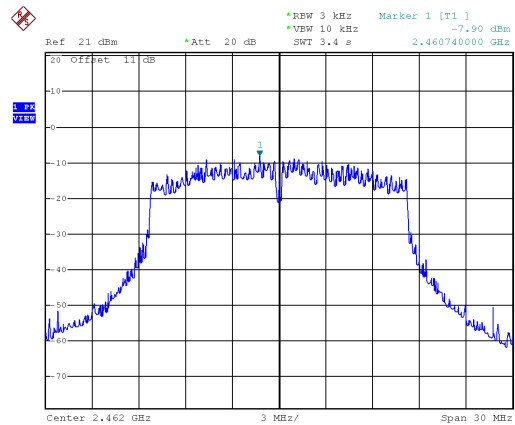
CH06



CH11

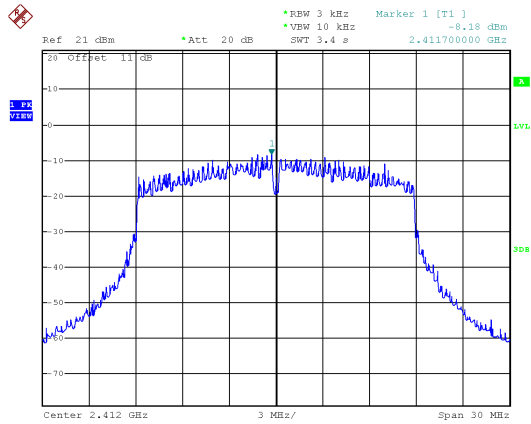


CH11

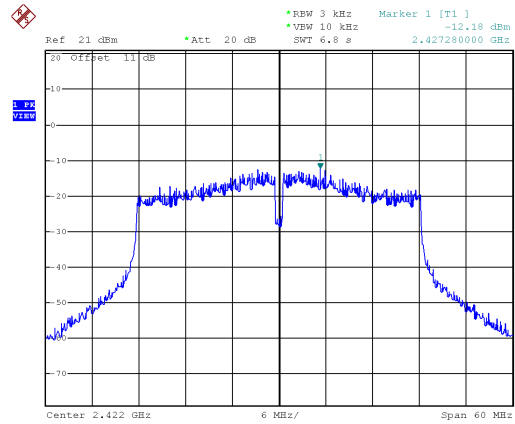




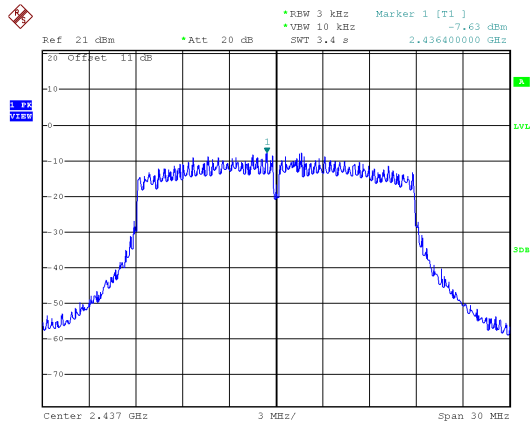
ANT B
Modulation Type: 802.11n HT20
CH01



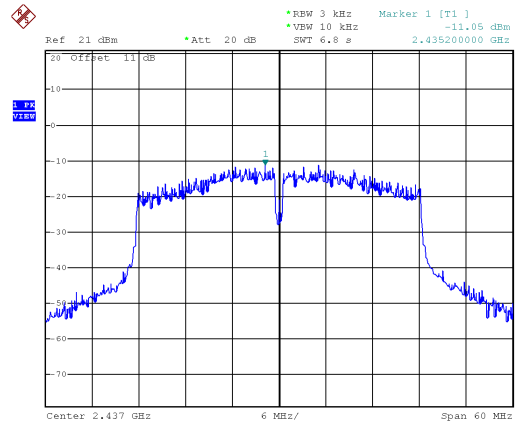
Modulation Type: 802.11n HT40
CH03



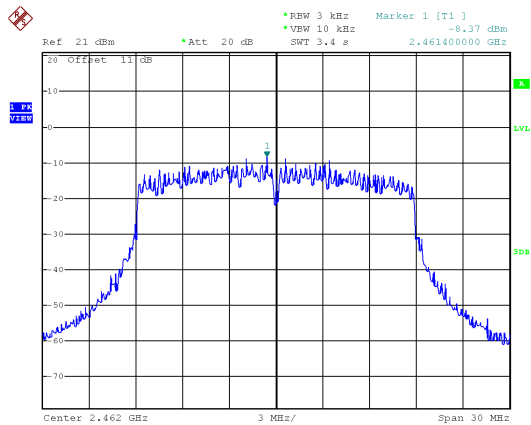
CH06



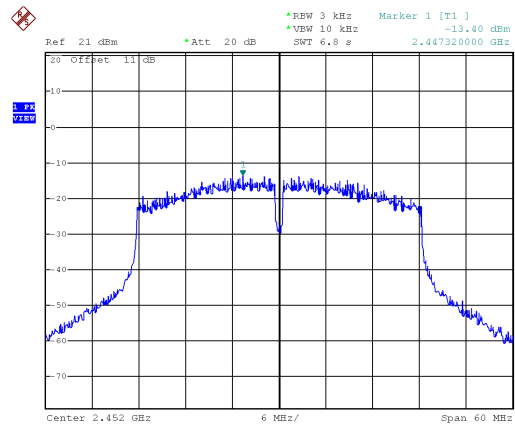
CH06



CH11



CH09





12. Radio Frequency Exposure

12.1 Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in FCC Part 2 (Section 2.1091)
KDB 447498

12.2 EUT Specification

Frequency band (Operating)	☒ WLAN: 2412MHz ~ 2462MHz ☒ WLAN: 5150MHz ~ 5250MHz ☐ WLAN: 5250MHz ~ 5350MHz ☐ WLAN: 5470MHz ~ 5725MHz ☒ WLAN: 5725MHz ~ 5850MHz ☐ Bluetooth: 2402MHz ~ 2480MHz
Device category	☐ Portable (<20cm separation) ☒ Mobile (>20cm separation)
Exposure classification	☐ Occupational/Controlled exposure ($S = 5\text{mW}/\text{cm}^2$) ☒ General Population/Uncontrolled exposure ($S=1\text{mW}/\text{cm}^2$)
Antenna diversity	☐ Single antenna ☒ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☒ Tx/Rx diversity
Evaluation applied	☒ MPE Evaluation* ☐ SAR Evaluation ☐ N/A

Remark:

1. The maximum output power is 29.97dBm at 2437MHz (with 1.9 antenna gain.)
2. DTS device is not subject to routine RF evaluation; MPE estimate is used to justify the compliance.
3. For mobile or fixed location transmitters, no SAR consideration applied. The maximum power density is $0.306\text{ mW}/\text{cm}^2$ even if the calculation indicates that the power density would be larger.



12.3 Test Results

No non-compliance noted.

12.4 Calculation

$$\text{Given } E = \frac{\sqrt{30 \times P \times G}}{d} \quad \& \quad S = \frac{E^2}{3770}$$

Where E = Field strength in Volts / meter

P = Power in Watts

G = Numeric antenna gain

d = Distance in meters

S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{3770 d^2}$$

Changing to units of mW and cm, using:

$P \text{ (mW)} = P \text{ (W)} / 1000$ and

$d \text{ (cm)} = d \text{ (m)} / 100$

Yields

$$S = \frac{30 \times (P/1000) \times G}{3770 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2} \quad \text{Equation 1}$$

Where d = Distance in cm

P = Power in mW

G = Numeric antenna gain

S = Power density in mW / cm²

**12.5 Maximum Permissible Exposure**

Channel Frequency (MHz)	Max. Conducted output power(dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
2412-2462	29.97	1.9	20	0.306	1

Maximum Permissible Exposure (Co-location)**(2.4G Non-Beamforming + 5G Non-Beamforming)**

Modulation Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)
802.11g	2412-2462	29.97	1.9	20	0.306
802.11ac VHT40	5725-5850	21.95	3.7	20	0.073
Co-location Total					0.379
Maximum Permissible Exposure Limit					1

(2.4G Non-Beamforming + 5G Beamforming)

Modulation Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)
802.11g	2412-2462	29.97	1.9	20	0.306
802.11ac VHT40	5725-5850	18.94	6.71	20	0.073
Co-location Total					0.379
Maximum Permissible Exposure Limit					1