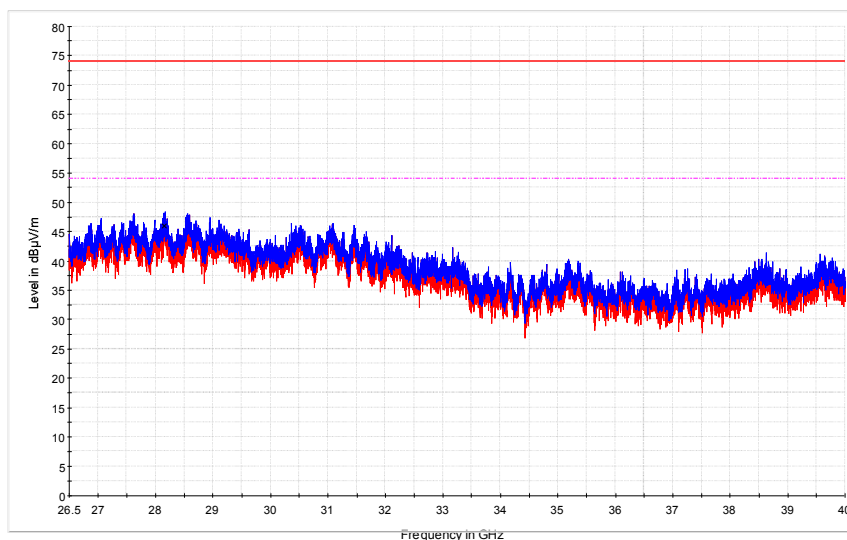
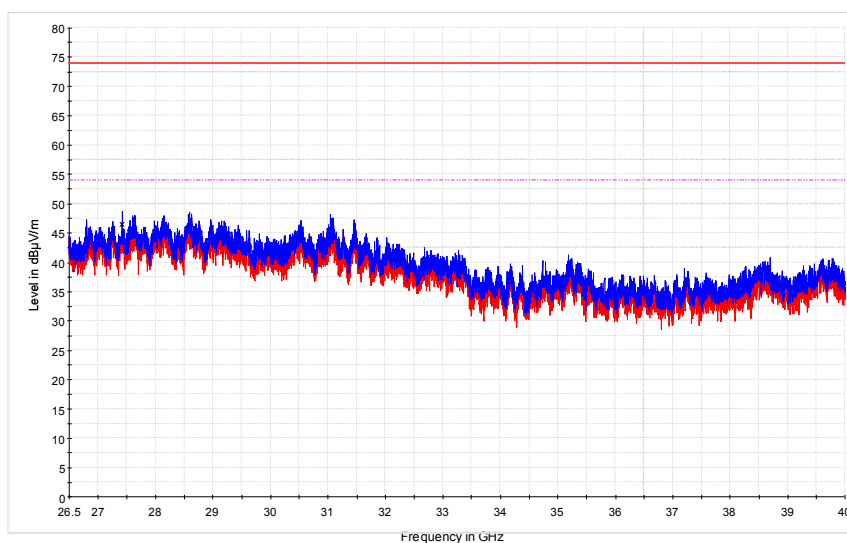


Receive Mode 802.11n HT20 Radiated Emissions 26.5GHz – 40GHz



Vertical



Horizontal

*802.11n is the Emissions in receive mode worst case

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5.8 Undesirable emission limits

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

For transmitters operating in the 5.725 GHz~5.850 GHz band: All emissions within the frequency range from the band edge to 5 MHz above or below the band edge shall be less than or equal to an EIRP of 27 dBm/MHz~15.6 dBm/MHz (limits corresponding to linear method); all emissions within the frequency range from the band edge to 5 MHz~25 MHz above or below the band edge shall be less than or equal to an EIRP of 15.6 dBm/MHz~10 dBm/MHz (limits corresponding to linear method); all emissions within the frequency range from the band edge to 25 MHz~75 MHz above or below the band edge shall be less than or equal to an EIRP of 10 dBm/MHz~ -27 dBm/MHz (limits corresponding to linear method); for frequencies 75 MHz or greater above or below the band edge, emissions shall be less than or equal to an EIRP of -27 dBm/MHz.

5.8.1 Test Overview

Results	Complies (as tested per this report)					Date	11/17/2017	
Standard	LP0002, 4.7.4							
Product Model	DRX PLUS DETECTOR RADIO				Serial#	13A32S1011361		
Test Set-up	Per LP0002, APPENDIX I							
EUT Powered By	DC	Temp	74° F	Humidity	32%	Pressure	1010mbar	
Perf. Criteria	(Below Limit)			Perf. Verification		Readings Under Limit		
Mod. to EUT	None			Test Performed By		Richard Decker		

5.8.2 Test Procedure

Testing was performed in accordance with LP0002, (23 - Aug - 2016). These test methods are listed under the laboratory's A2LA Scope of Accreditation. This test measures the levels emanating from the EUT, thus evaluating the potential for the EUT to cause radio frequency interference to other electronic devices.

When measuring the unwanted emission limits, the carrier frequency for the equipment under test shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

5.8.3 Deviations

The EUT is compliant to the standard(s).

5.8.4 Final Test

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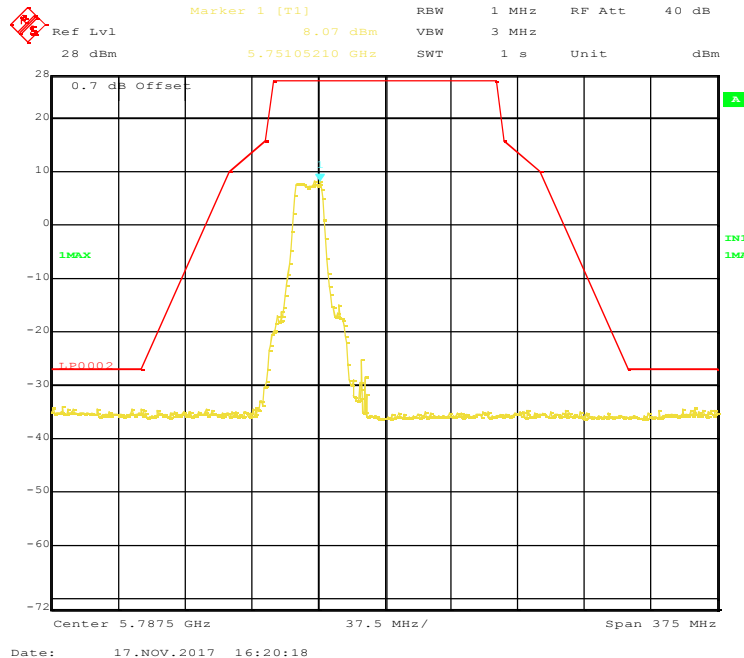


Figure 117, 5745 MHz at 802.11a OFDM, ch0

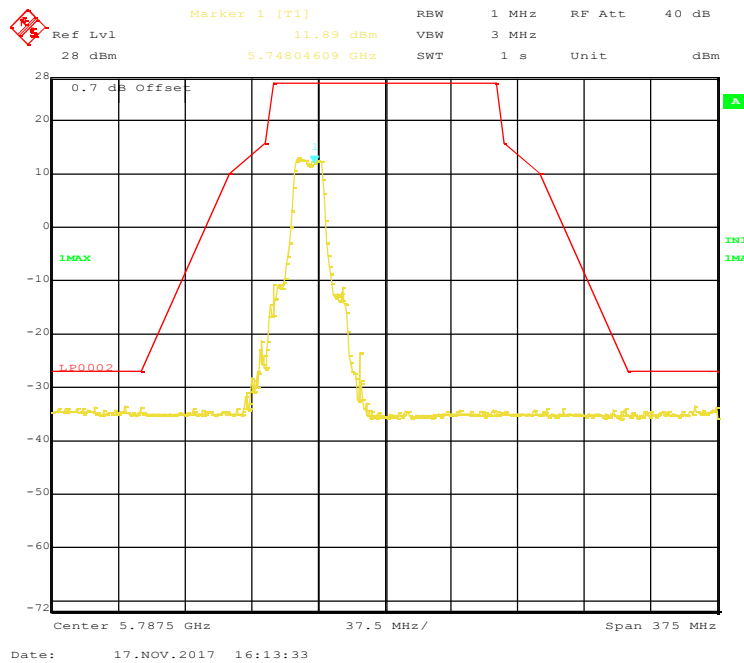


Figure 118, 5745 MHz at 802.11a OFDM, ch1

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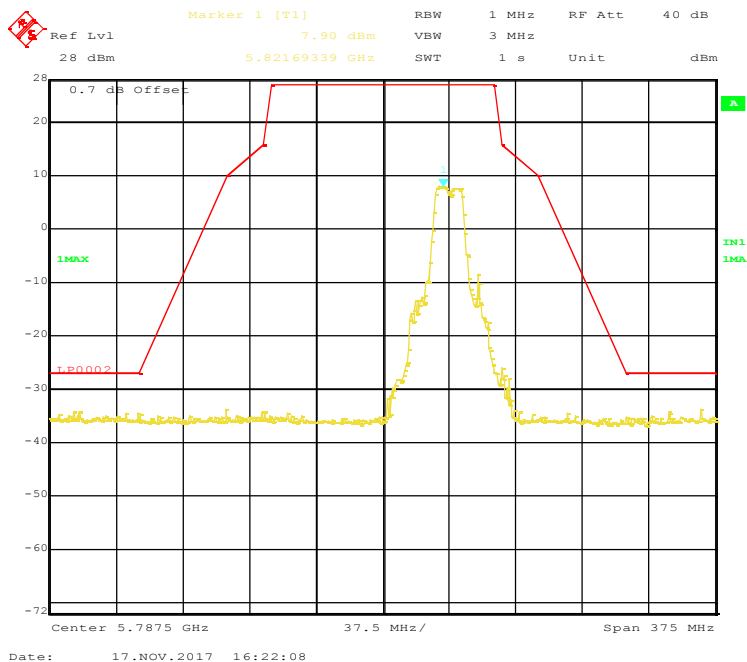


Figure 119, 5825 MHz at 802.11a OFDM, ch0

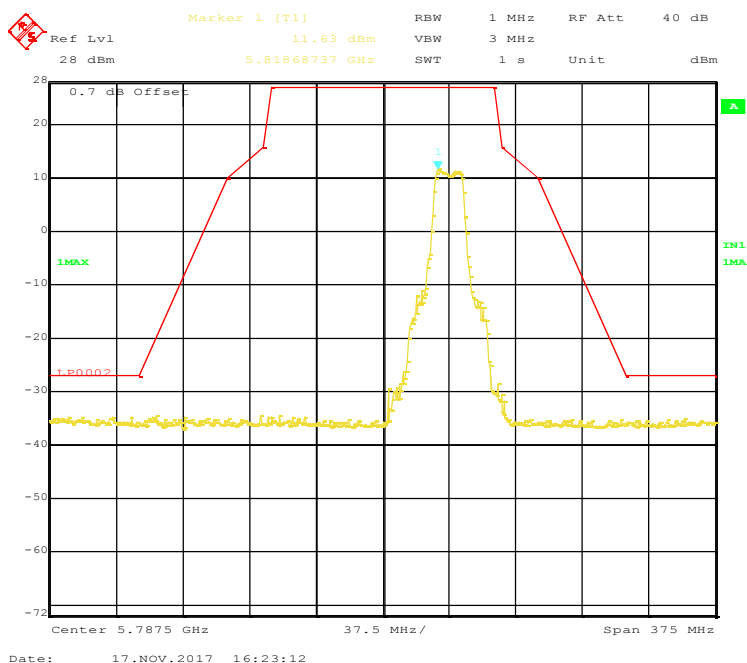


Figure 120, 5825 MHz at 802.11a OFDM, ch1

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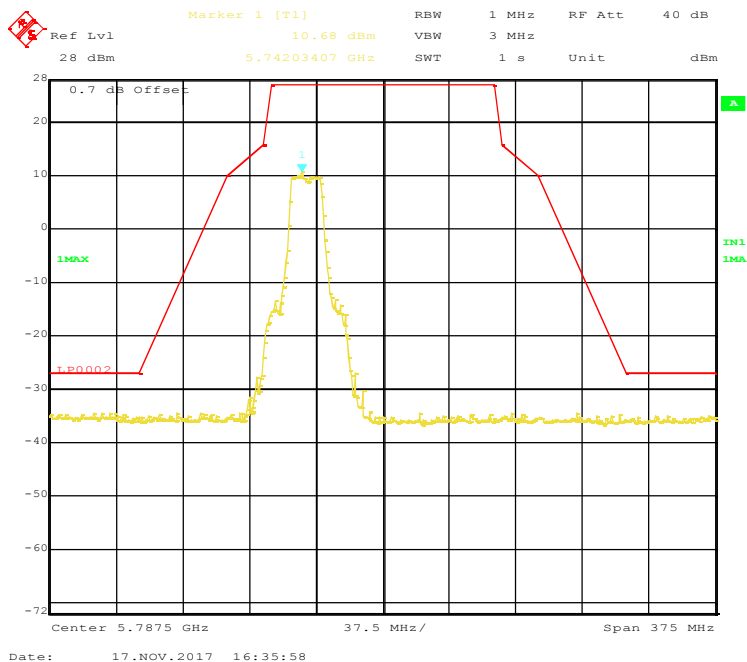


Figure 121, 5745 MHz at 802.11n MCS0, ch0

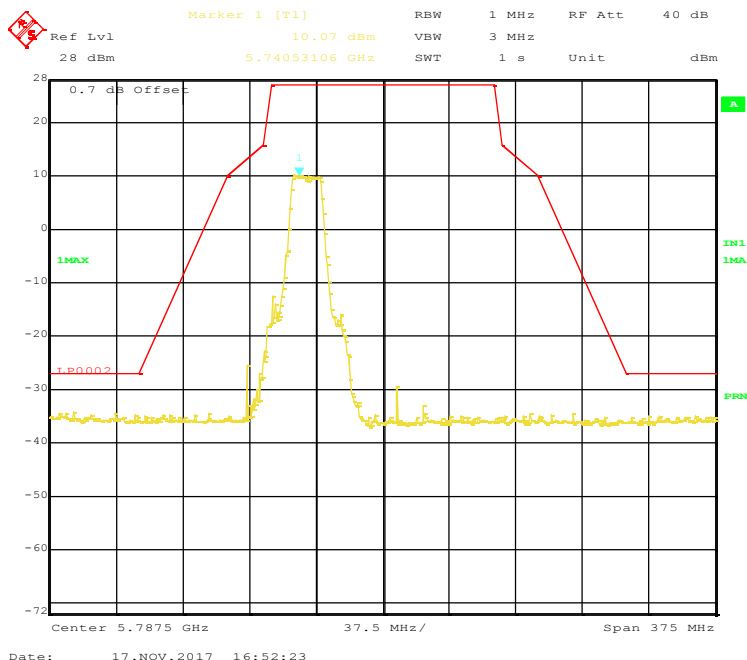


Figure 122, 5745 MHz at 802.11n MSC0, ch1

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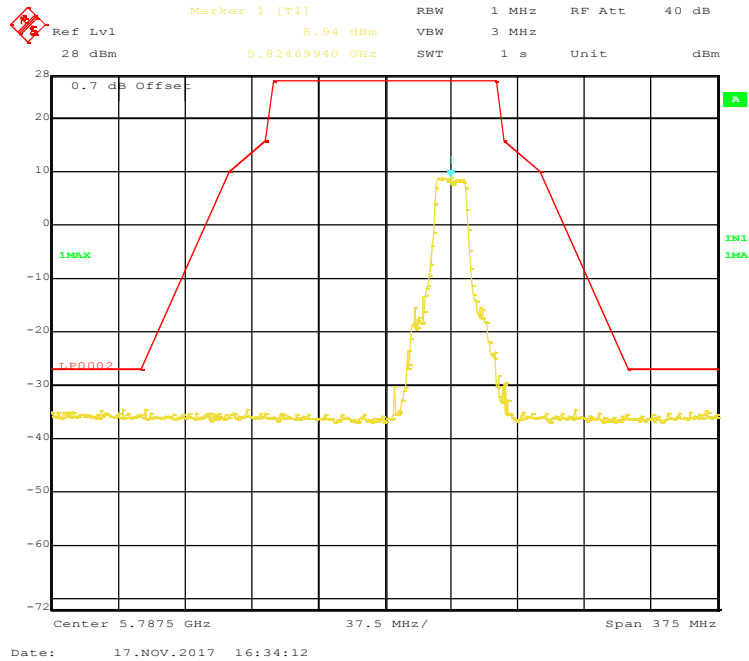


Figure 123, 5825 MHz at 802.11n MSC0, ch0

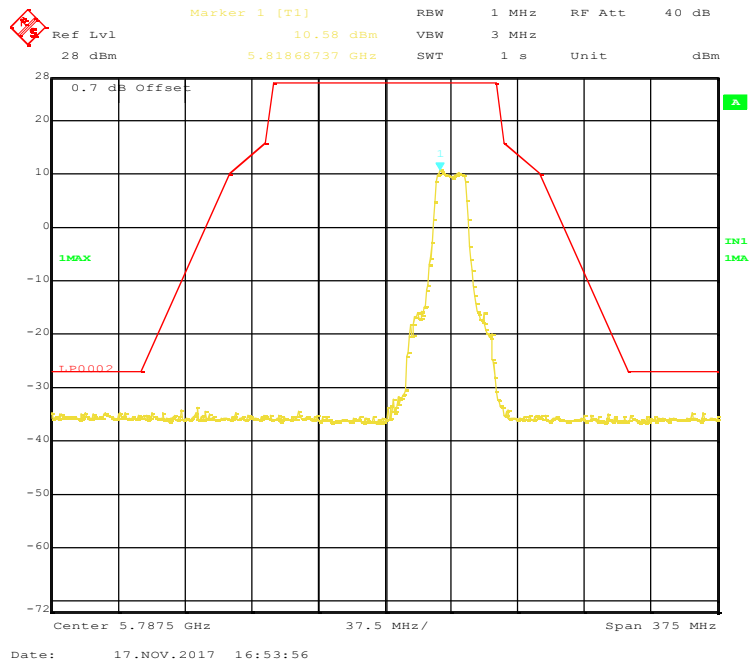


Figure 124, 5825 MHz at 802.11n MSC0, ch1

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6 RF Exposure Measurement (Mobile Device)

SAR testing was performed on the EUT, see SAR report.

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