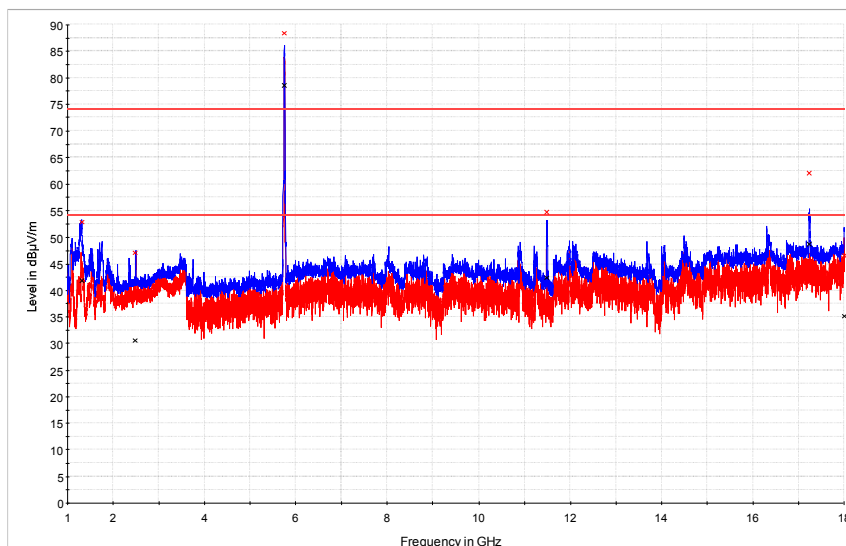
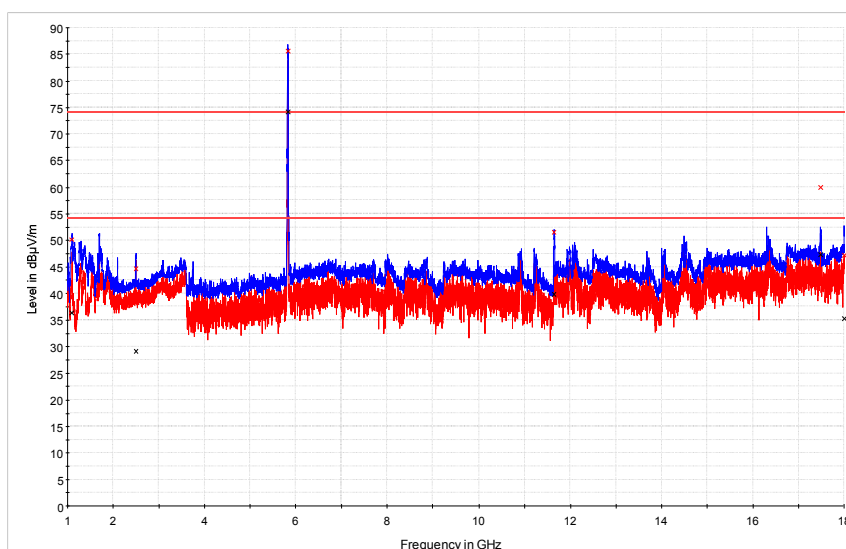


802.11n HT20 Radiated Emissions 1GHz - 18GHz
***802.11n is the Spurious Emissions worst case**



Vertical

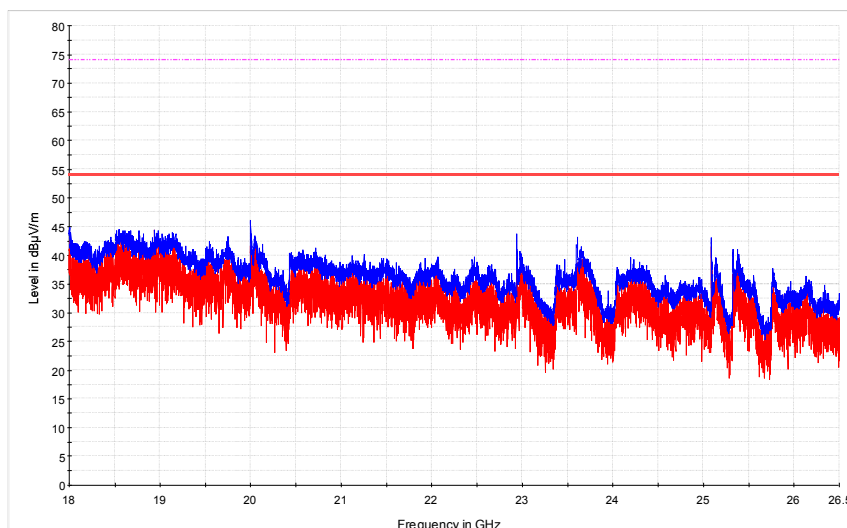


Horizontal

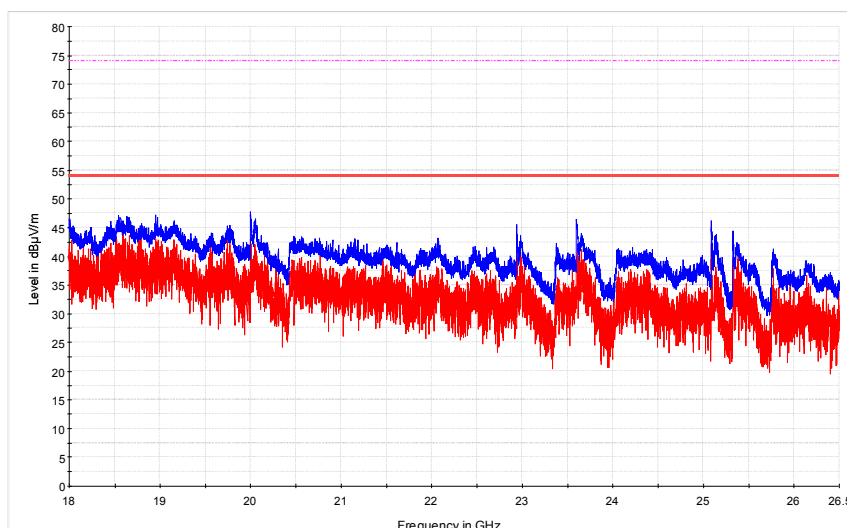
Red frequency markers represent Peak emissions

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802.11n HT20 Radiated Emissions 18GHz – 26.5GHz
***802.11n is the Spurious Emissions worst case**



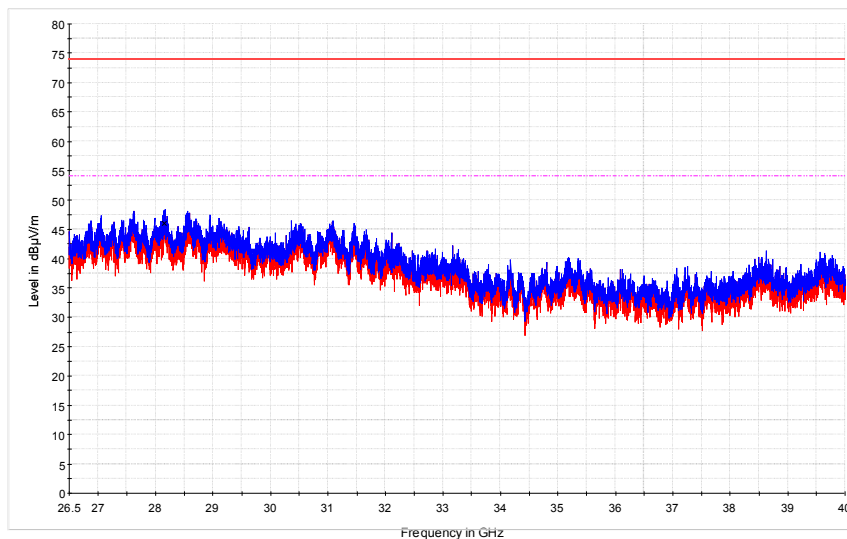
Vertical



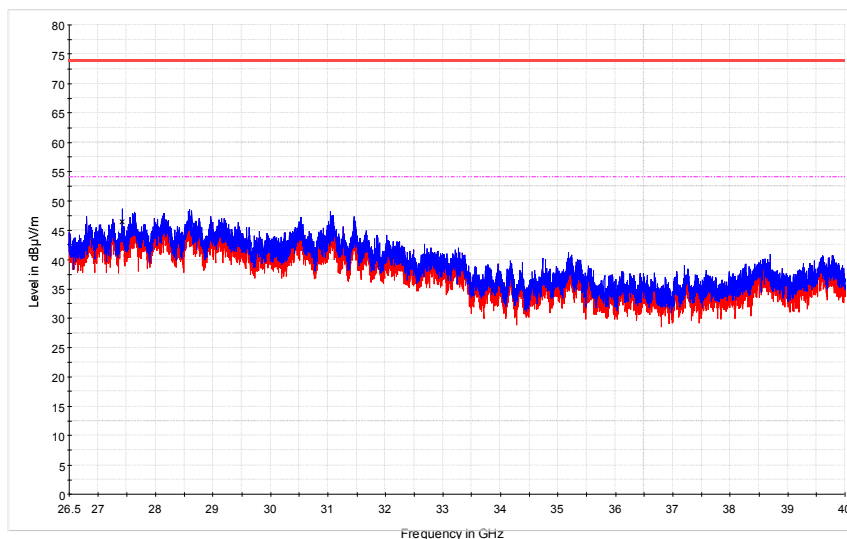
Horizontal

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802.11n HT20 Radiated Emissions 26.5GHz – 40GHz
***802.11n is the Spurious Emissions worst case**



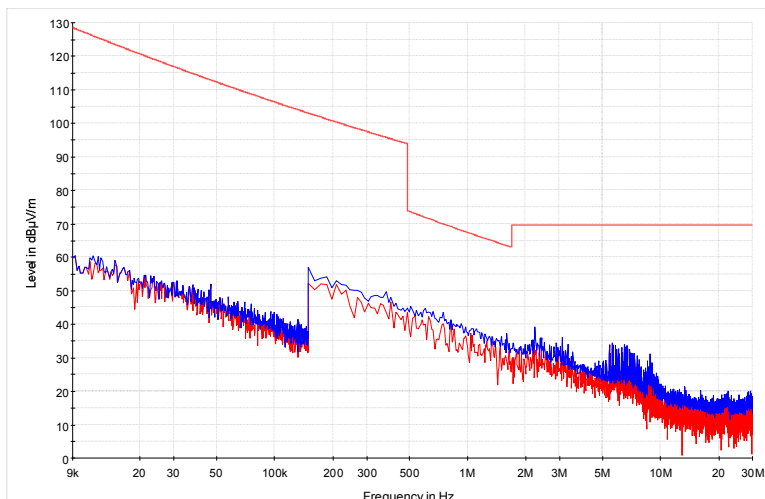
Vertical



Horizontal

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802.11a Radiated Emissions 9 kHz - 30MHz

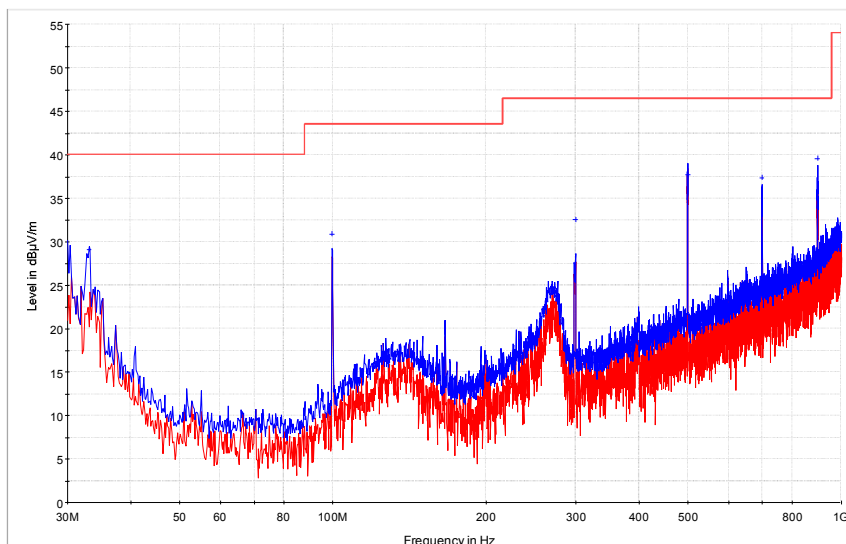


There were no measurable emissions from 9 kHz to 30MHz.

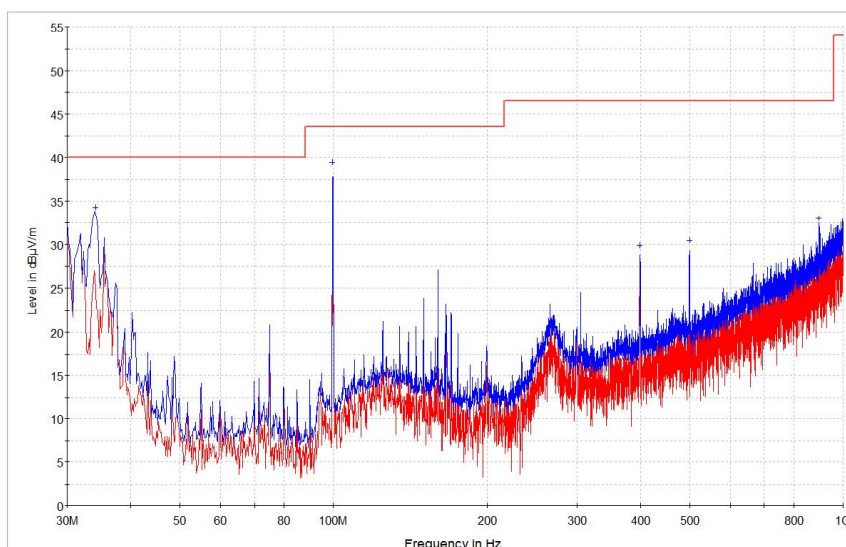
Frequency MHz	QuasiPeak dBµV/m	Height cm	Polarization	Azimuth deg	Corr. dB	Limit dBµV/m	Margin dB
33.1	29.1	100.0	V	354.0	-1.6	40	-10.9
99.6	30.9	100.0	V	225.0	-9.1	43.5	-12.6
299.9	32.6	100.0	V	153.0	-1.7	46.0	-13.4
499.9	37.7	100.0	V	223.0	3.4	46.0	-8.3
699.8	37.4	100.0	V	-2.0	8.5	46.0	-8.6
899.9	39.6	100.0	V	39.0	12.8	46.0	-6.4
34.1	34.3	400.0	H	330.0	-2.3	40	-5.7
99.6	39.4	400.0	H	318.0	-9.1	43.5	-4.1
398.5	29.8	300.0	H	180.0	1.0	46.0	-16.2
499.9	31.4	325.0	H	223.0	3.4	46.0	-14.6
899.9	39.6	300.0	H	39.0	12.8	46.0	-6.4
802.11a Radiated Emissions 30MHz - 1GHz Red is maximum emission for 802.11a							

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802.11a Radiated Emissions 30MHz – 1GHz



Vertical



Horizontal

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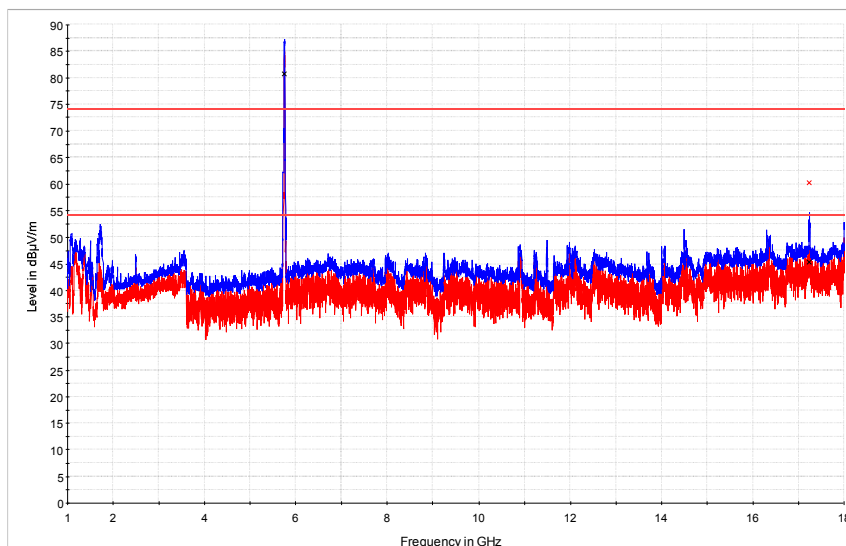
Frequency MHz	CAverage dBμV/m	Height cm	Polarization	Azimuth deg	Corr. dB	Limit dBμV/m	Margin dB
17230.0	45.3	150.0	V	309.0	15.6	54.0	-8.7
1748.0	41.4	200.0	H	58.0	-4.6	54.0	-12.6
16301.8	33.0	190.0	H	24.0	14.3	54.0	-21.0
802.11a Radiated Emissions 1GHz - 18GHz							

Frequency MHz	CAverage dBμV/m	Height cm	Polarization	Azimuth deg	Corr. dB	Limit dBμV/m	Margin dB
20042.6	36.5	160.0	V	320.0	19.8	54.0	-17.5
23603.2	36.5	150.0	V	150.0	19.6	54.0	-17.5
25089.8	36.5	200.0	V	2.0	21.4	54.0	-17.5
25321.9	35.7	210.0	V	190.0	20.1	54.0	-18.3
20051.9	36.3	240.0	H	2.0	20.1	54.0	-17.7
22934.2	36.8	200.0	H	358.0	21.0	54.0	-17.2
23602.4	35.5	190.0	H	310.0	20.0	54.0	-18.5
25084.8	36.2	310.0	H	305.0	20.4	54.0	-17.8
25321.0	35.1	280.0	H	2.0	20.2	54.0	-18.9
802.11a Radiated Emissions 18GHz - 26.5GHz							

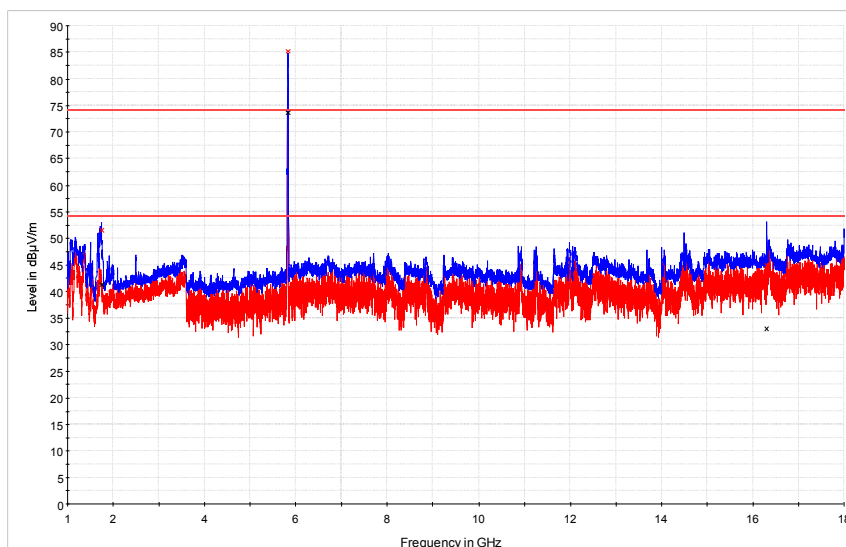
Frequency MHz	CAverage dBμV/m	Height cm	Polarization	Azimuth deg	Corr. dB	Limit dBμV/m	Margin dB
28578.0	48.0	170.0	V	3.0	0.2	54.0	-6.0
28013.0	47.9	210.0	H	3.0	0.2	54.0	-6.1
802.11a Radiated Emissions 26.5GHz - 40GHz							

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802.11a Radiated Emissions 1GHz - 18GHz



Vertical

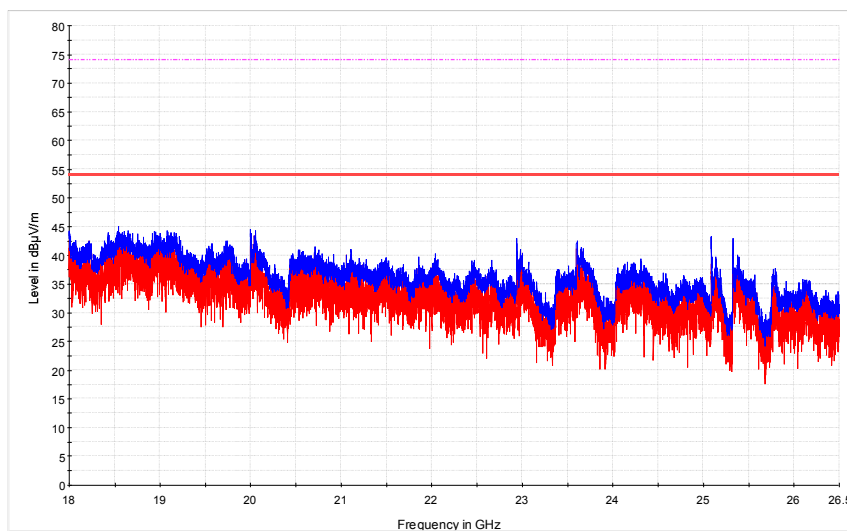


Horizontal

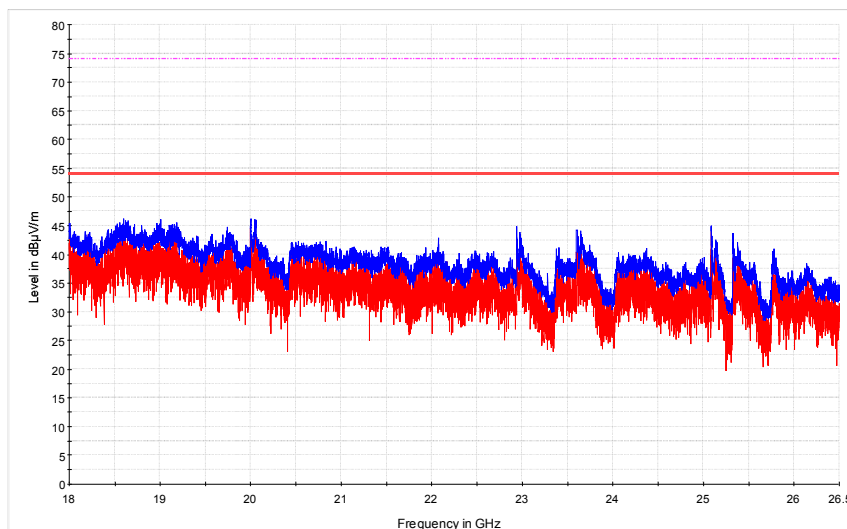
Red frequency markers represent Peak emissions

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802.11a Radiated Emissions 18GHz – 26.5GHz



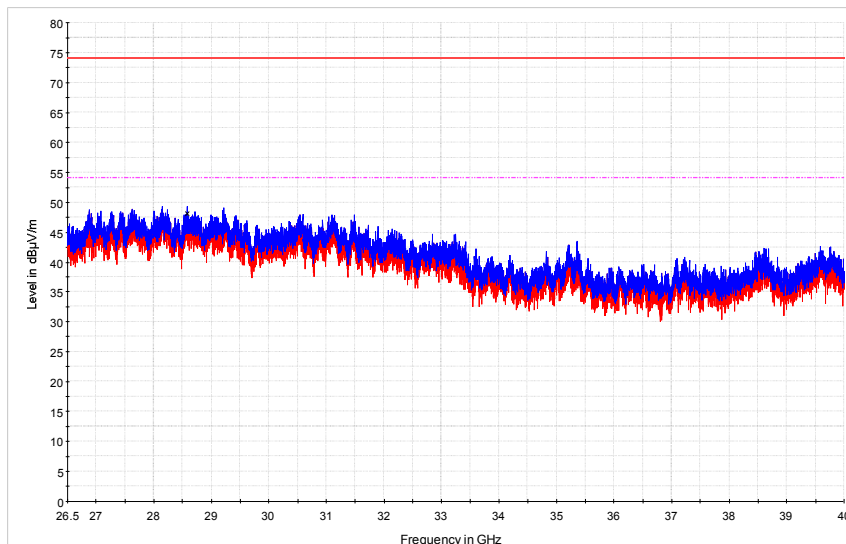
Vertical



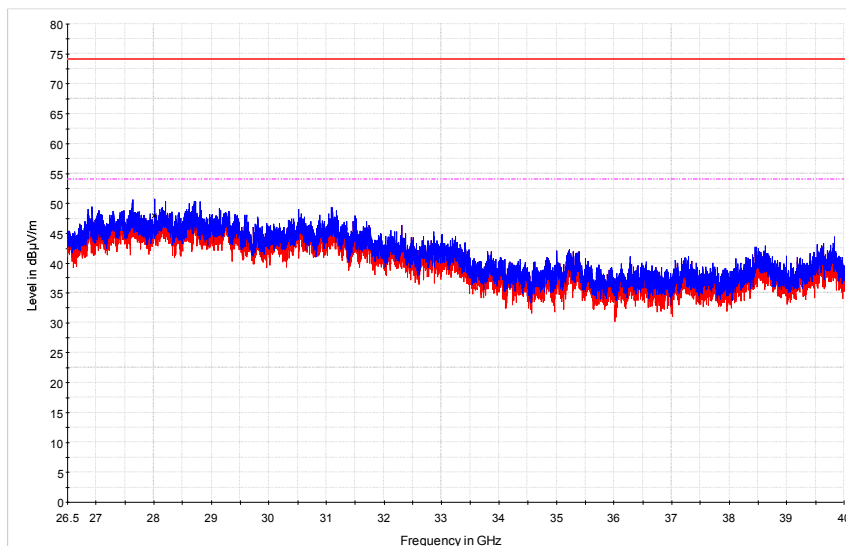
Horizontal

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802.11a Radiated Emissions 26.5GHz – 40GHz



Vertical



Horizontal

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5.2 Band Edge

5.2.1 Test Over View

Results	Complies (as tested per this report)					Date	10/05/2017	
Standard	LP0002, 2.7, 2.8							
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		

5.2.2 Test Procedure

The EUT was using test software to allow the transmitter to transmit continuously. (Duty Cycle > 98%).

5.2.3 Deviations

There were no deviations from the test methodology listed.

5.2.4 Final Test

The EUT met the performance criteria requirement as specified in this report and in the standards.

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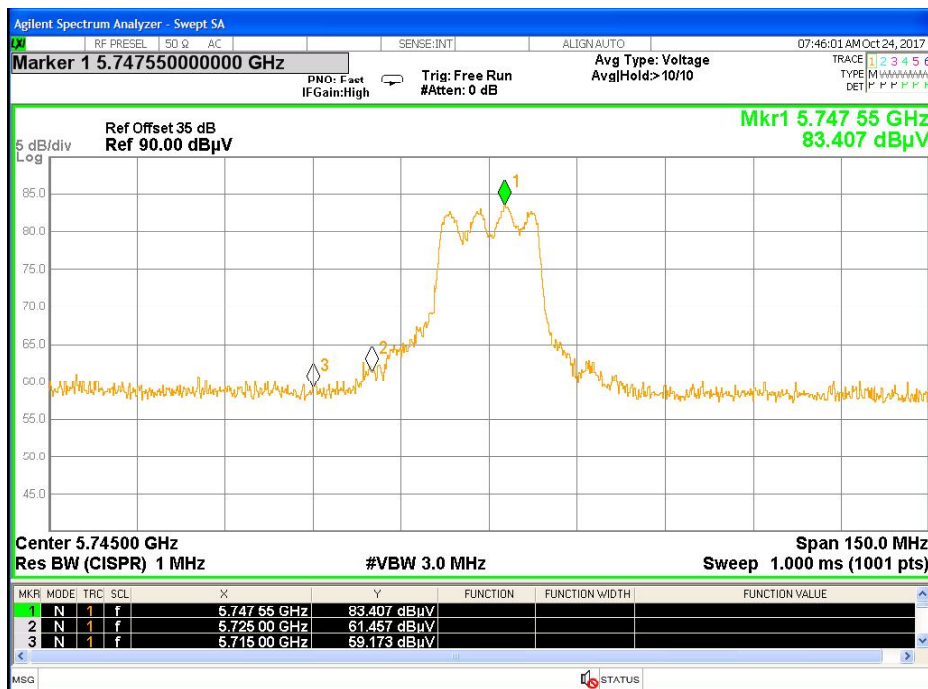


Figure 71 Band Edge, 5745 MHz at 802.11a OFDM Vertical/Peak



Figure 72 Band Edge, 5745 MHz at 802.11a OFDM Vertical/Average

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