





APPENDIX H - POWER SPECTRAL DENSITY

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## Non-Beamforming

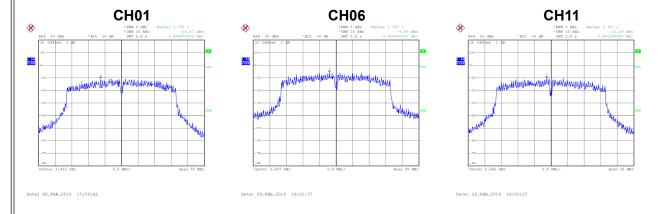
Test Mo	ode	TX	В	Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.30	8	Complies
06	2437	-7.59	8	Complies
11	2462	-4.66	8	Complies



Test Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.67	8	Complies
06	2437	-5.89	8	Complies
11	2462	-10.29	8	Complies

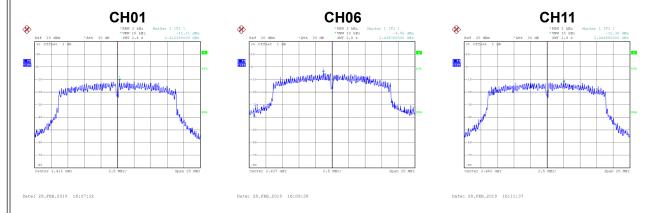






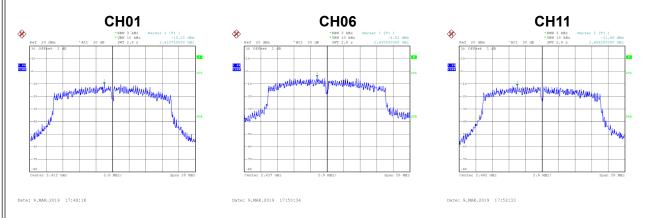
Test Mode	TX N (	(HT20)	) Mode	Ant.	1
100t Widae	1 / \ 1 4 \		, ivioac_	_/ \  \  \  \  \	

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-11.11	8	Complies
06	2437	-4.55	8	Complies
11	2462	-12.35	8	Complies



l	Test Mode	TX N (HT20	) Mode Ant. 2
	1000111000		,cac ,t. =

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.20	8	Complies
06	2437	-4.52	8	Complies
11	2462	-11.55	8	Complies



Test Mode	X N (HT20) Mode Total
TOST WIDGE	X N (11120) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.62	8	Complies
06	2437	-1.52	8	Complies
11	2462	-8.92	8	Complies

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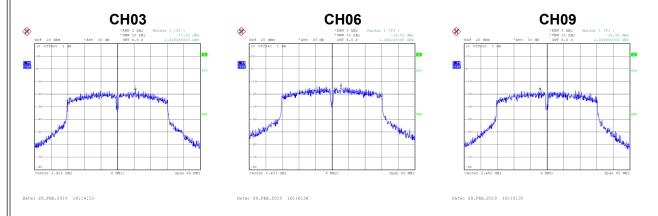
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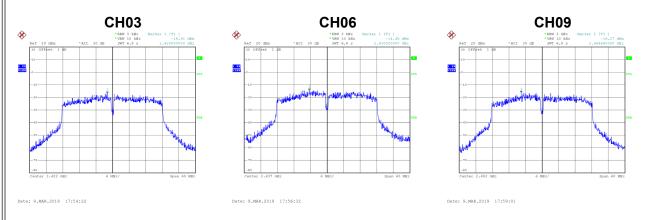
Test Mode	TX N (	HT40	) Mode	Ant.	1
100t Widae	1 / 2   1		, iviouc	/ \III.	

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-17.22	8	Complies
06	2437	-14.01	8	Complies
09	2452	-16.99	8	Complies



Test Mode	TX N (HT40) Mode	Ant 2
rest ivioue	1 A N (1140) MOUE	Ant. Z

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-16.91	8	Complies
06	2437	-14.45	8	Complies
09	2452	-16.27	8	Complies



Test Mode	TX N (HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-14.05	8	Complies
06	2437	-11.21	8	Complies
09	2452	-13.60	8	Complies

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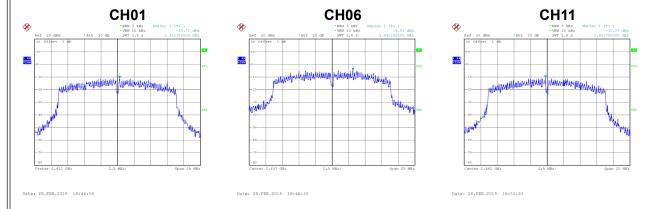




## With Beamforming

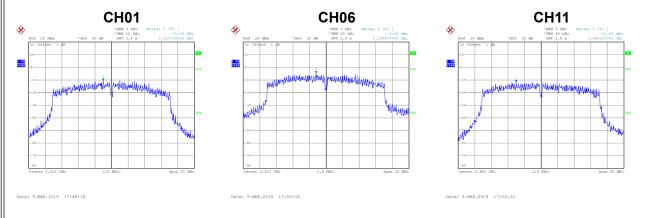
Test Mode	TX N (HT20	) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.71	8	Complies
06	2437	-4.51	8	Complies
11	2462	-10.27	8	Complies



Test Mode	TY N /HT20	Mode Ant C	_
rest ivioue	I X IN (	) Mode Ant. 2	_

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.20	8	Complies
06	2437	-4.52	8	Complies
11	2462	-11.55	8	Complies



Test Mode
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.44	8	Complies
06	2437	-1.50	8	Complies
11	2462	-7.85	8	Complies

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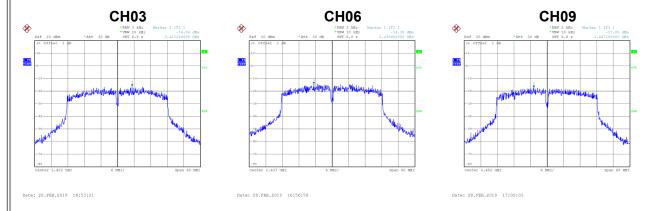
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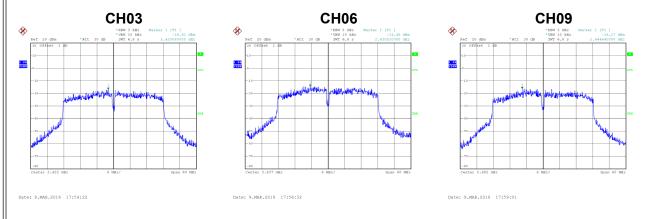


Test Mode	TX N	(HT40)	) Mode	Ant.	1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-16.06	8	Complies
06	2437	-14.35	8	Complies
09	2452	-17.05	8	Complies



Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-16.91	8	Complies
06	2437	-14.45	8	Complies
09	2452	-16.27	8	Complies



Test Mode	TX N (HT4	0) Mode Total	
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-13.45	8	Complies
06	2437	-11.39	8	Complies
09	2452	-13.63	8	Complies

## **End of Test Report**