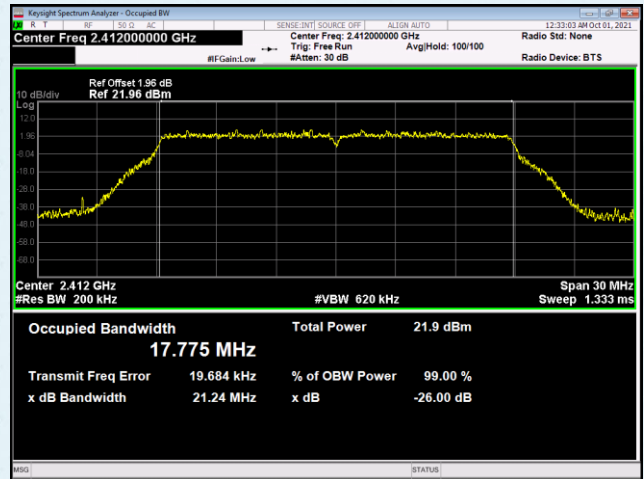
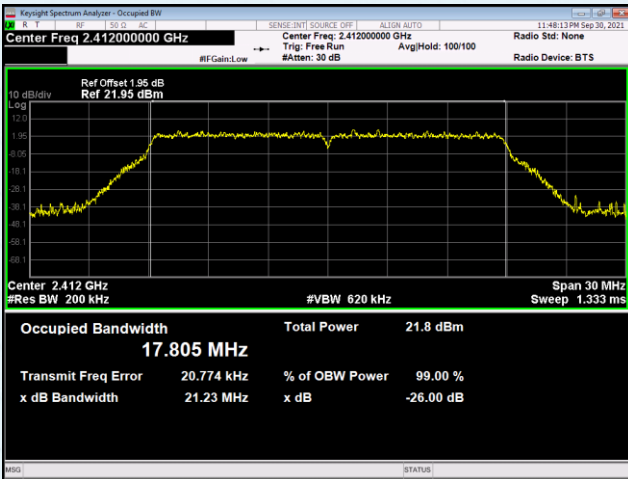
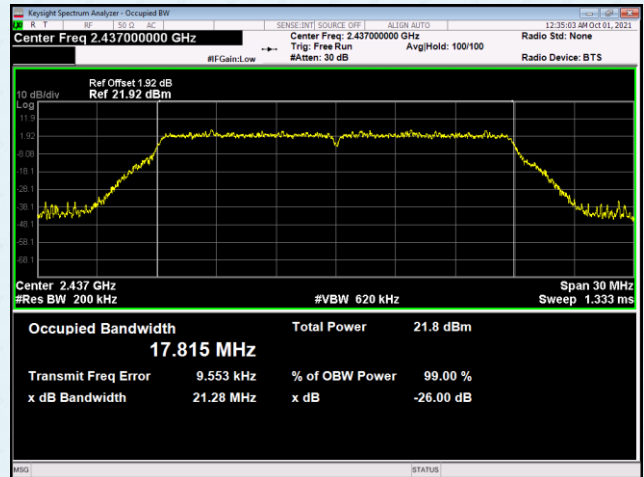
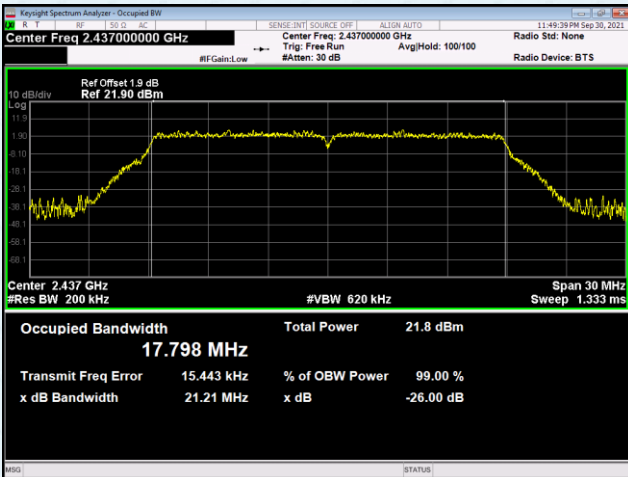


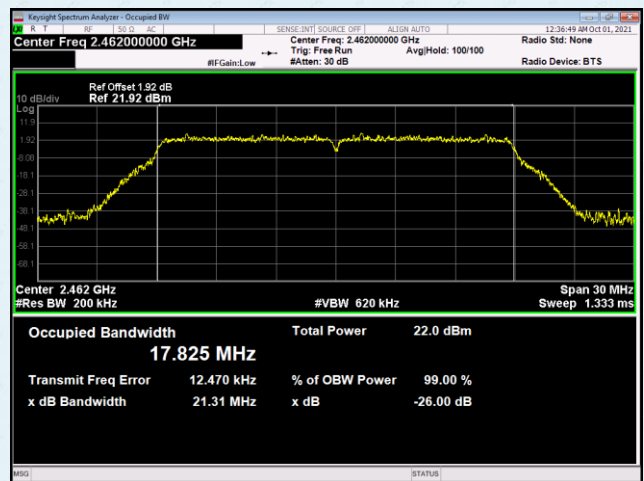
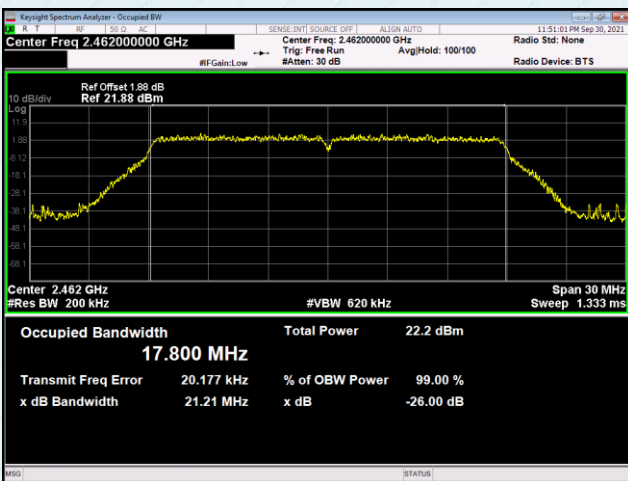
Test mode:	IEEE VHT20 Ant A	Test mode:	IEEE VHT20 (Ant B)
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Lowest channel

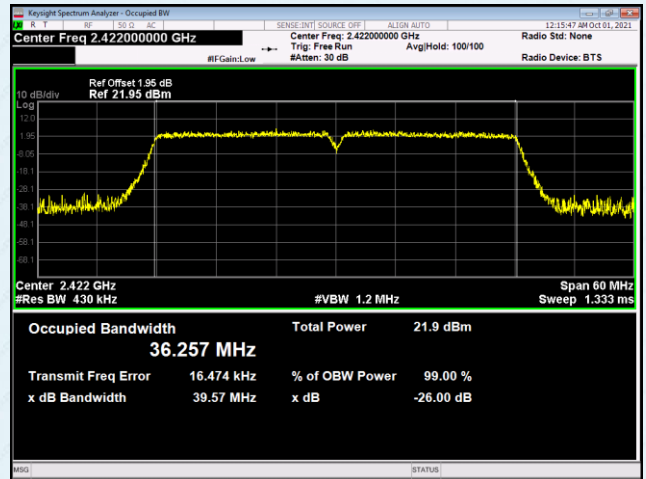
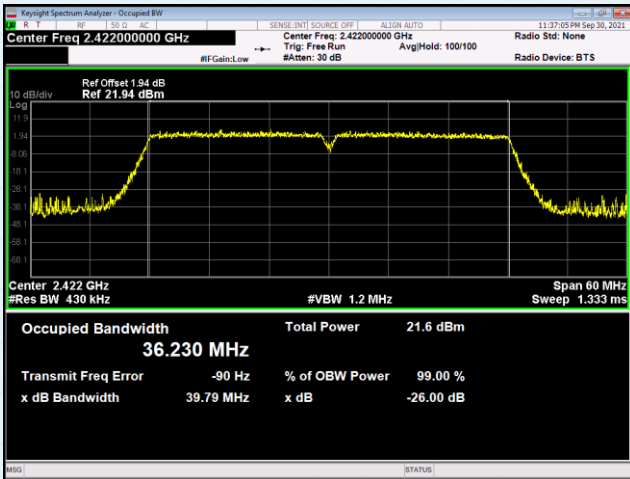


Middle channel

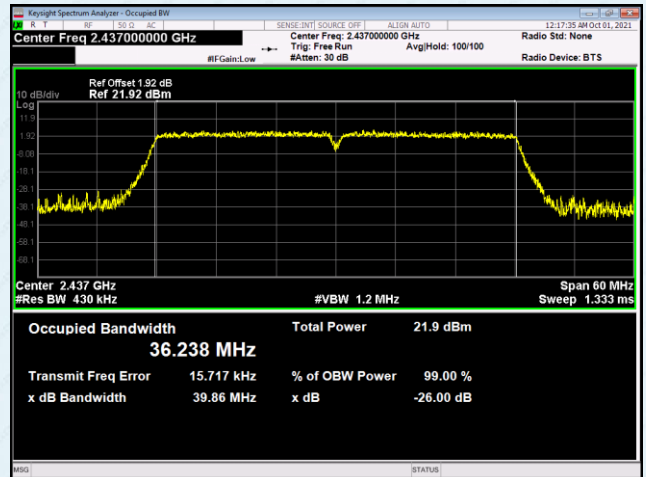
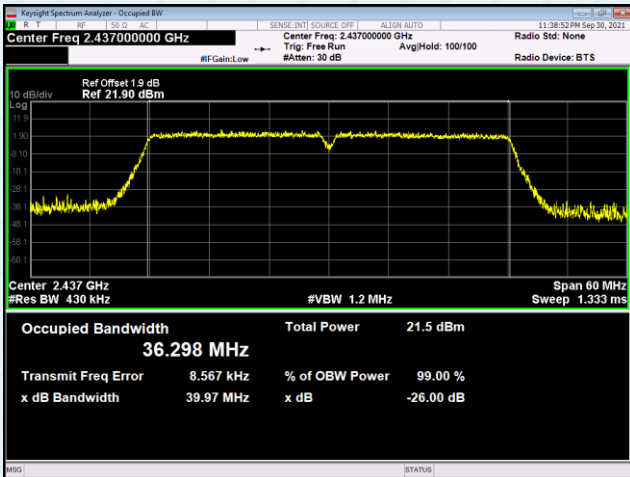


Highest channel

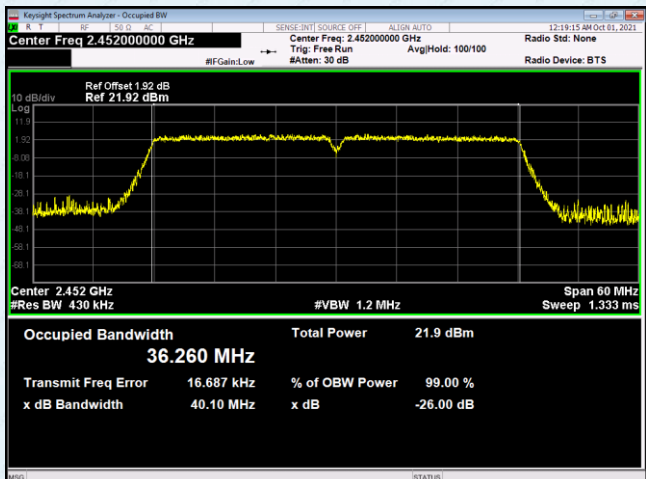
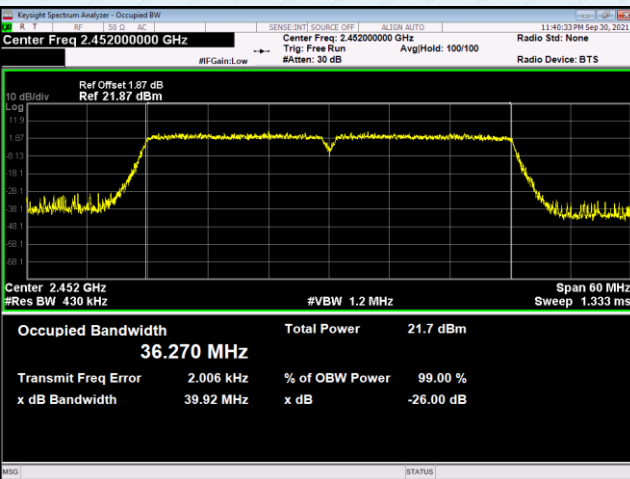
Test mode:	IEEE VHT40 Ant A	Test mode:	IEEE VHT40 (Ant B)
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Lowest channel

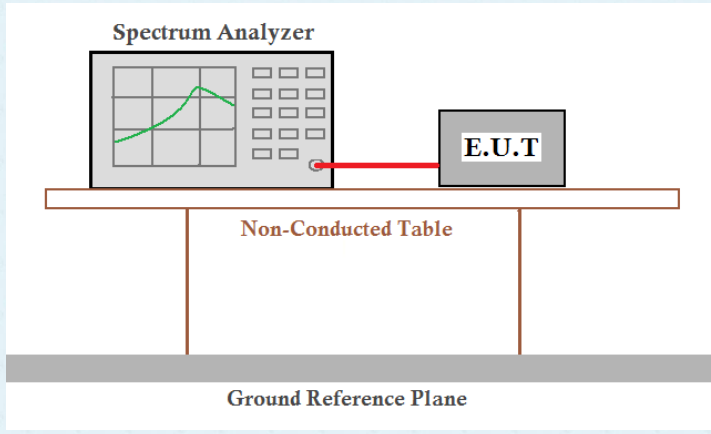


Middle channel



Highest channel

## 7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02
Limit:	8dBm/3kHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

### Measurement Data

Test CH	Power Spectral Density (dBm/3kHz)						Limit (dBm/3kHz)	Result
	802.11b			802.11g				
	ANT A	ANT B	ANT A+B	ANT A	ANT B	ANT A+B		
01	-6.097	-14.311	--	-8.236	-17.539	--	8.00	Pass
06	-4.972	-14.865	--	-8.902	-17.441	--		
11	-5.328	-14.556	--	-8.582	-17.373	--		

Test CH	Power Spectral Density (dBm/3kHz)						Limit (dBm/3kHz)	Result
	802.11n(HT20)			802.11ax(HE20)				
	ANT A	ANT B	ANT A+B	ANT A	ANT B	ANT A+B		
01	-13.745	-14.278	-10.993	-13.626	-15.689	-11.526	5.99	Pass
06	-13.485	-13.635	-10.549	-14.226	-15.377	-11.753		
11	-13.233	-13.645	-10.424	-13.527	-15.72	-11.476		

Test CH	Power Spectral Density (dBm/3kHz)						Limit (dBm/3kHz)	Result
	IEEE VHT20			802.11ax(HE20)				
	ANT A	ANT B	ANT A+B	ANT A	ANT B	ANT A+B		
01	-13.891	-14.517	-11.182	/	//	/	5.99	Pass
06	-13.612	-14.709	-11.116	/	/	/		
11	-13.827	-14.809	-11.28	/	/	/		

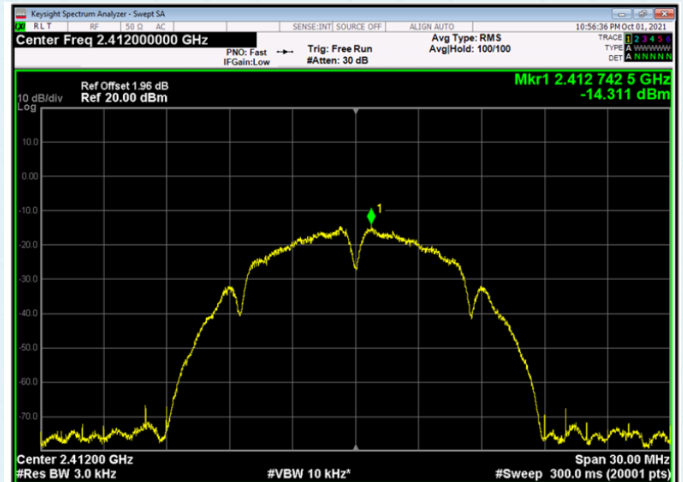
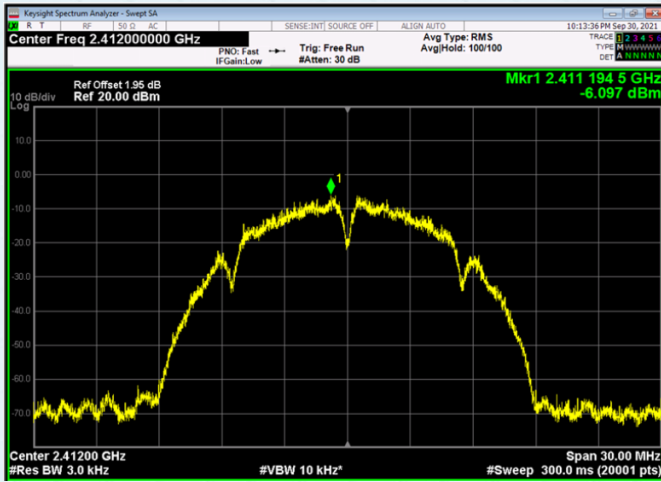
Test CH	Power Spectral Density (dBm/3kHz)						Limit (dBm/3kHz)	Result
	802.11 n(HT40)			802.11ax(HE40)				
	ANT A	ANT B	ANT A+B	ANT A	ANT B	ANT A+B		
03	-15.324	-16.546	-12.882	-19.111	-18.688	-15.884	5.99	Pass
06	-15.689	-16.612	-13.116	-19.172	-18.667	-15.902		
09	-15.524	-16.712	-13.067	-18.809	-18.407	-15.593		

Test CH	Power Spectral Density (dBm/3kHz)						Limit (dBm/3kHz)	Result
	IEEE VHT40			/				
	ANT A	ANT B	ANT A+B	ANT A	ANT B	ANT A+B		
03	-17.884	-18.794	-15.305	/	/	/	5.99	Pass
06	-18.058	-18.381	-15.206	/	/	/		
09	-18.979	-19.256	-16.105	/	/	/		

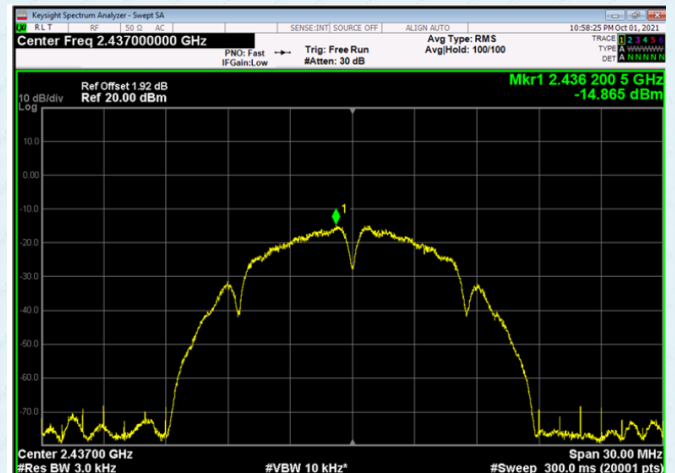
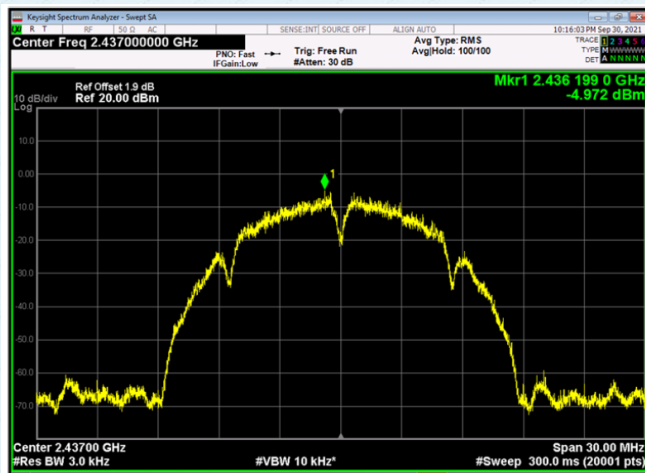
Note:For MIMO mode , PSD Limit = 8 - 2.01 = 5.99 dBm/3KHz

Test plot as follows:

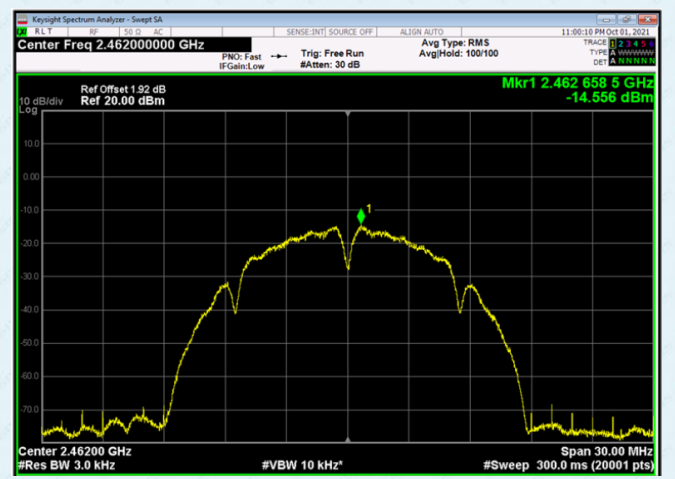
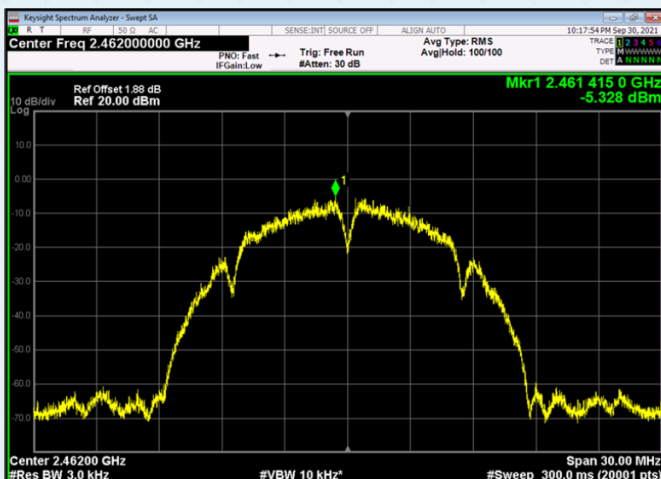
Test mode:	802.11b(Ant A)	Test mode:	802.11b(Ant B)
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Lowest channel



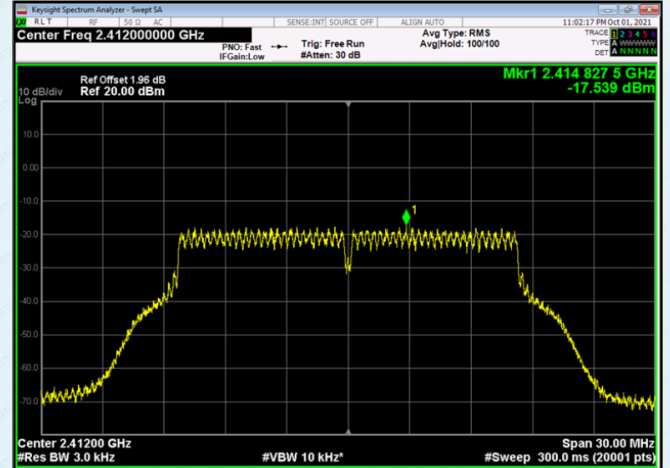
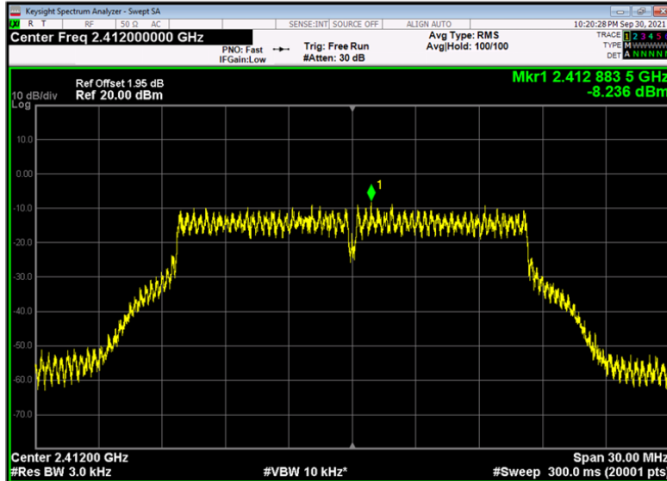
Middle channel



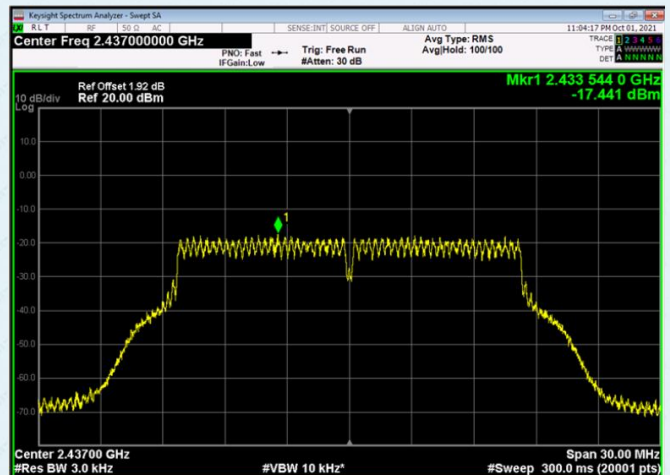
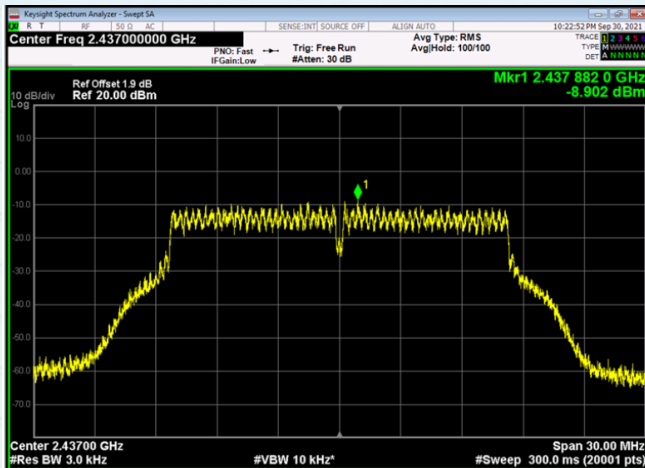
Highest channel



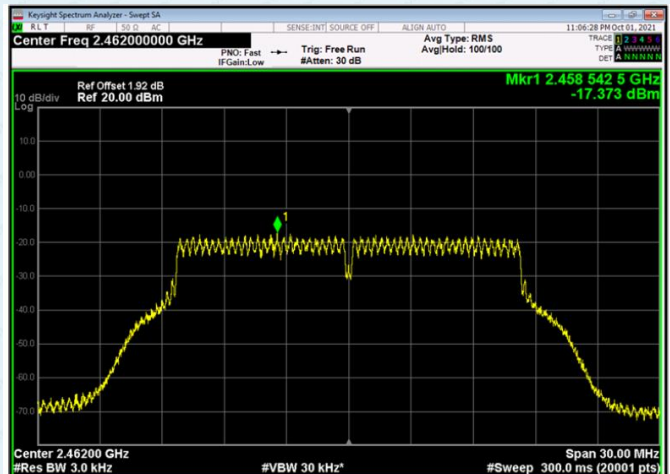
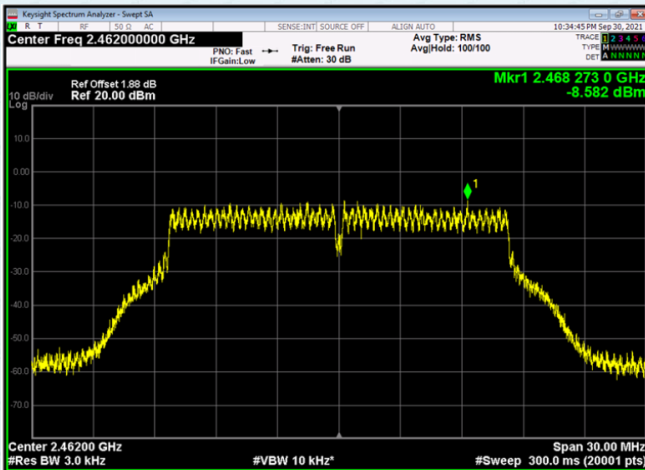
Test mode:	802.11g(Ant A)	Test mode:	802.11g(Ant B)
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Lowest channel

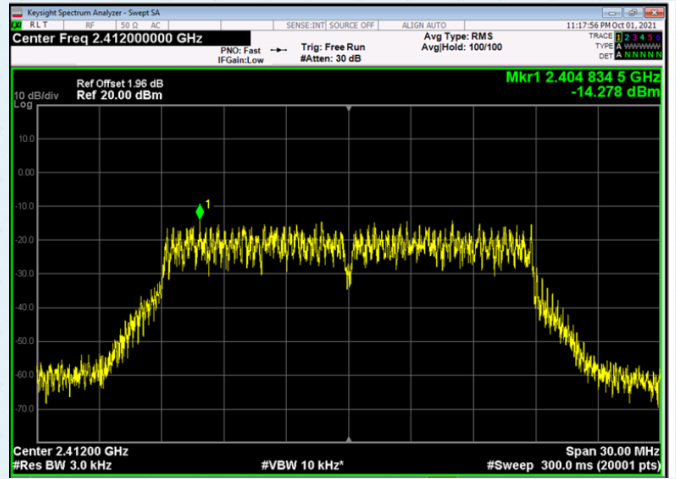
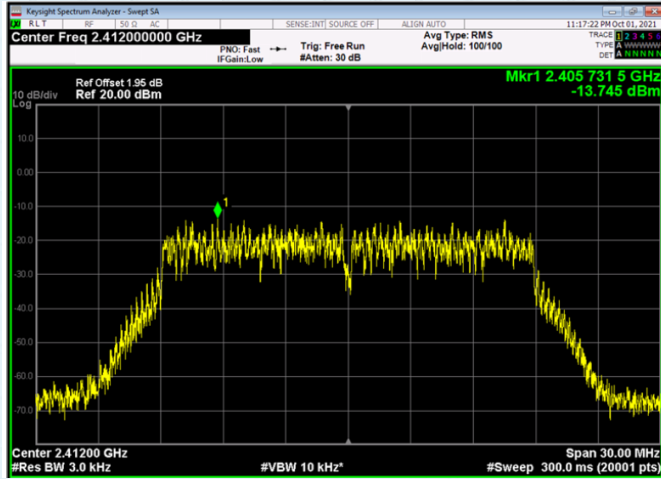


Middle channel

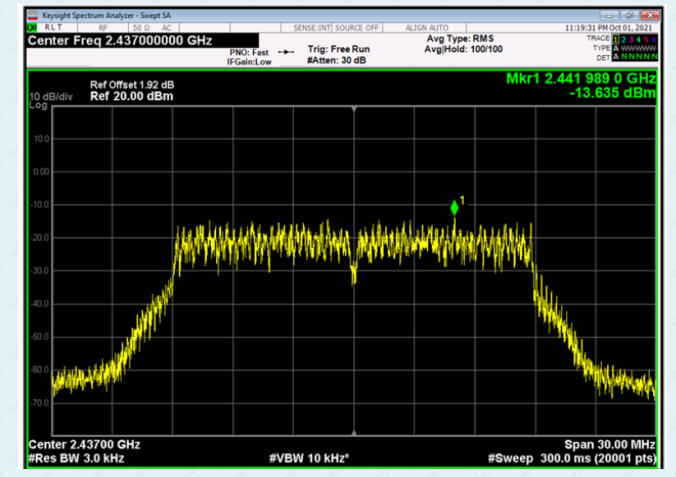
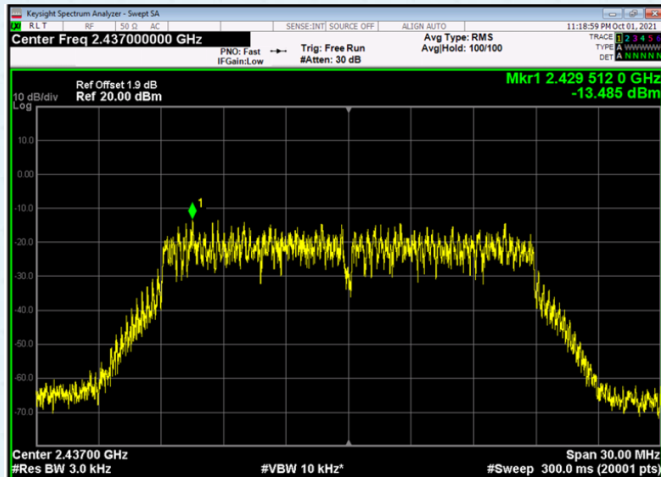


Highest channel

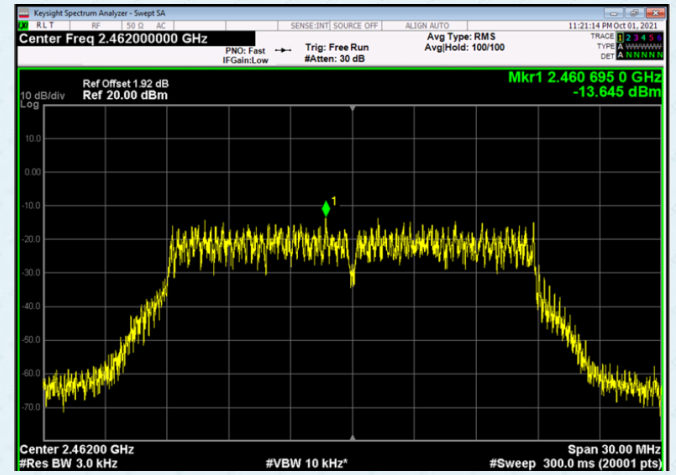
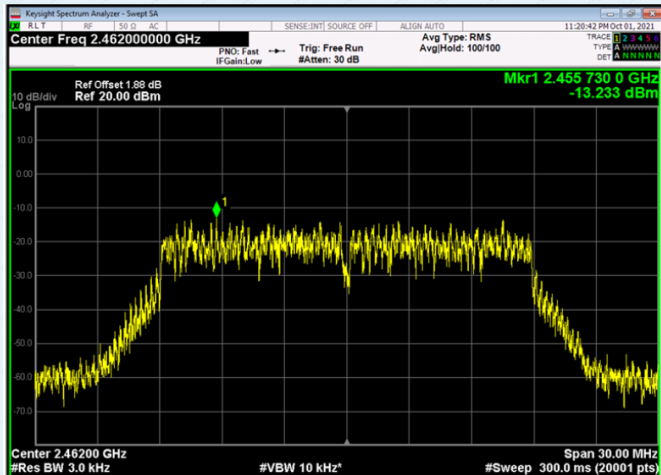
Test mode:	802.11n (HT20) Ant A	Test mode:	802.11n (HT20) (Ant B)
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Lowest channel

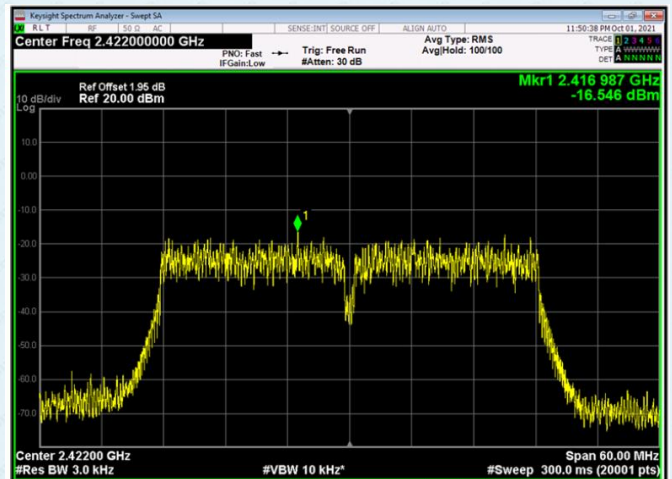
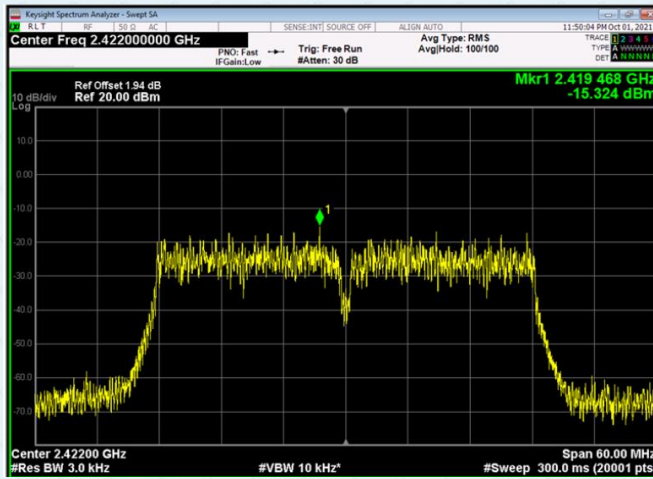


Middle channel

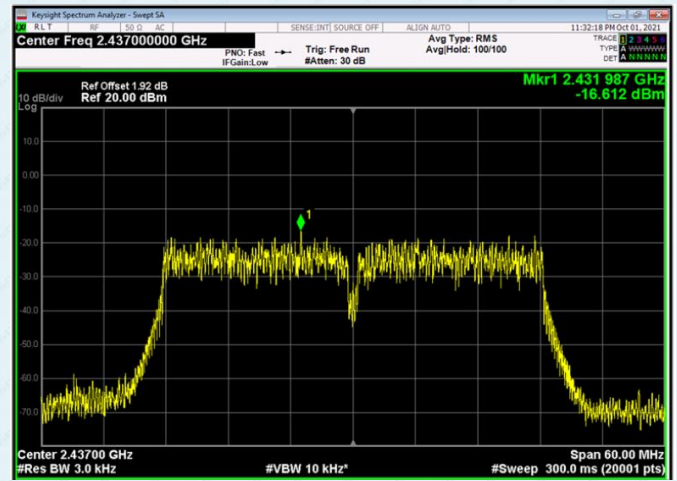
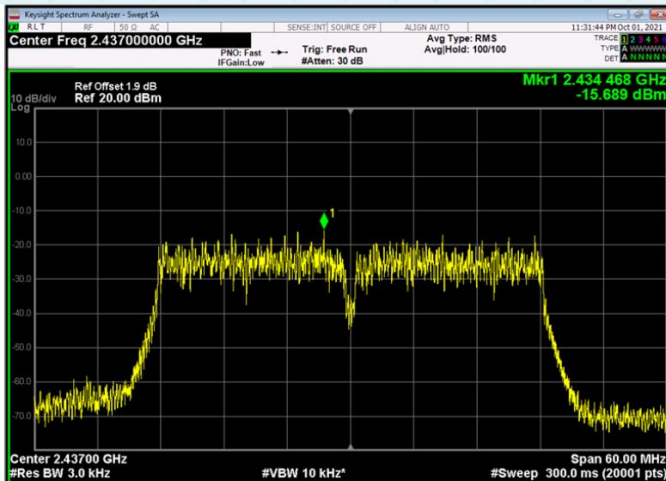


Highest channel

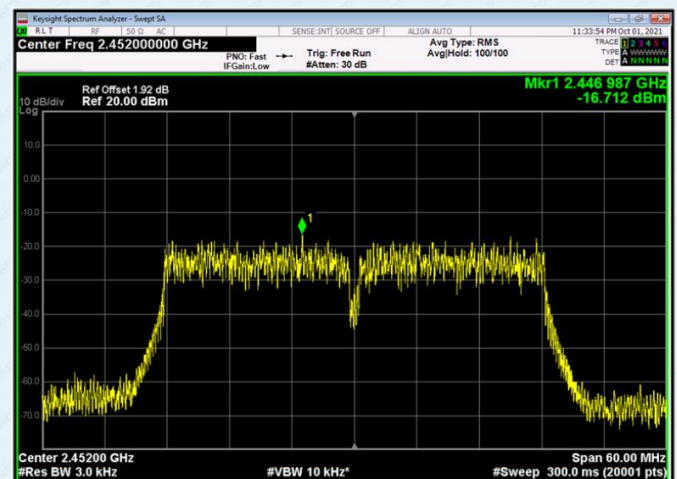
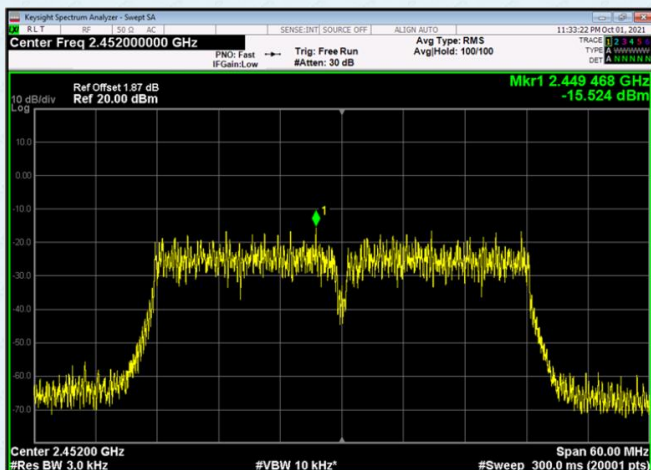
Test mode:	802.11n (HT40) Ant A	Test mode:	802.11n (HT40) (Ant B)
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Lowest channel



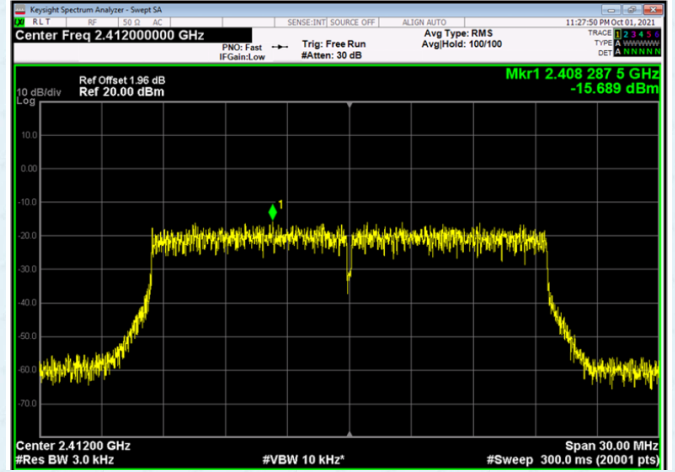
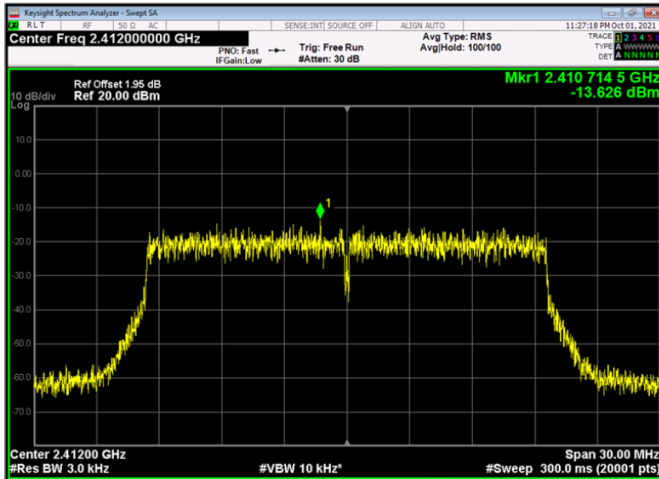
Middle channel



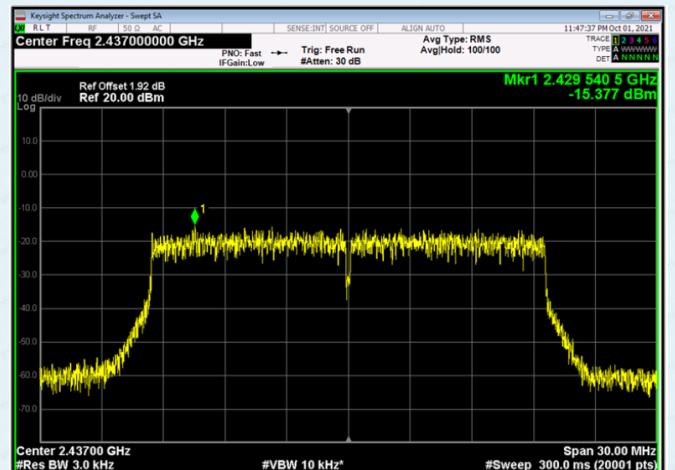
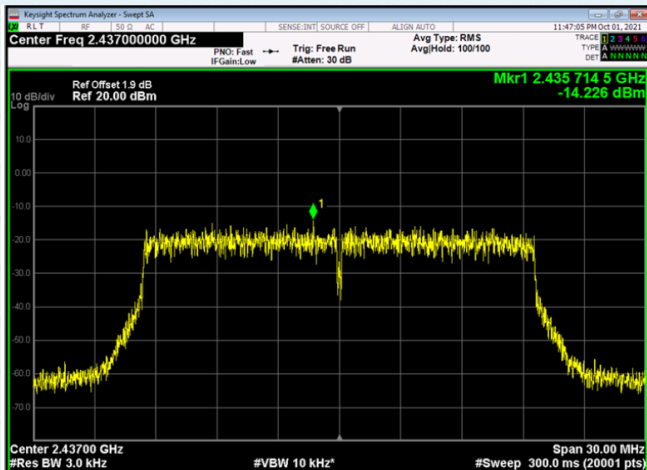
Highest channel



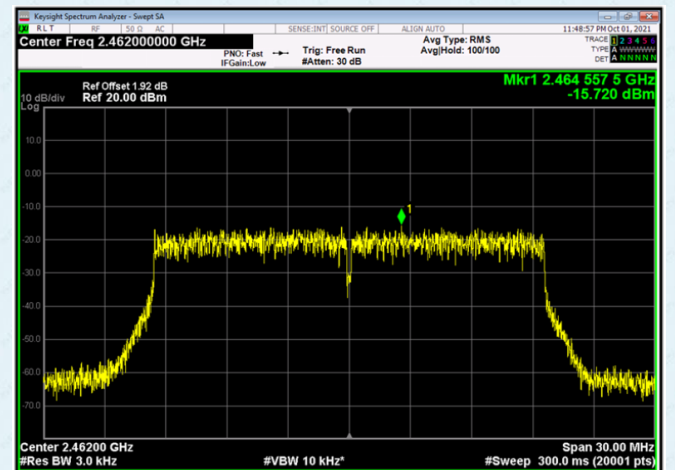
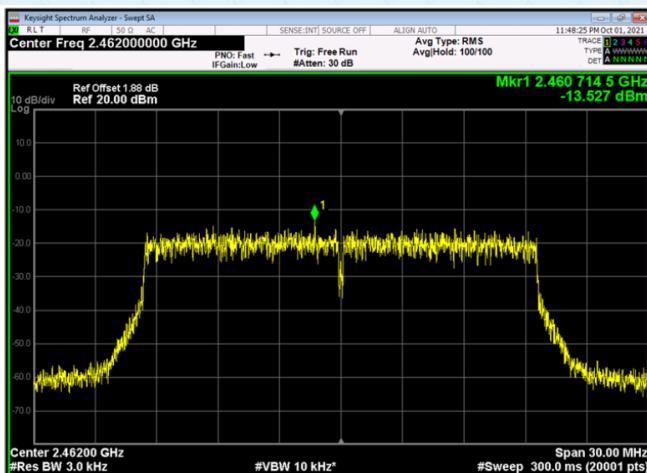
Test mode:	802.11ax (HE20) Ant A	Test mode:	802.11ax (HE20) (Ant B)
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Lowest channel

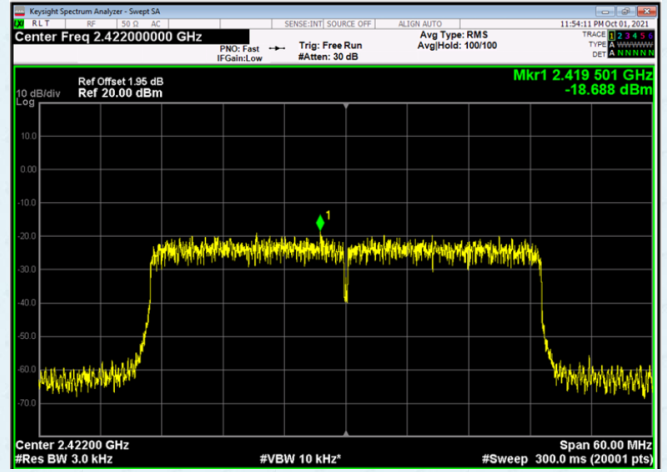
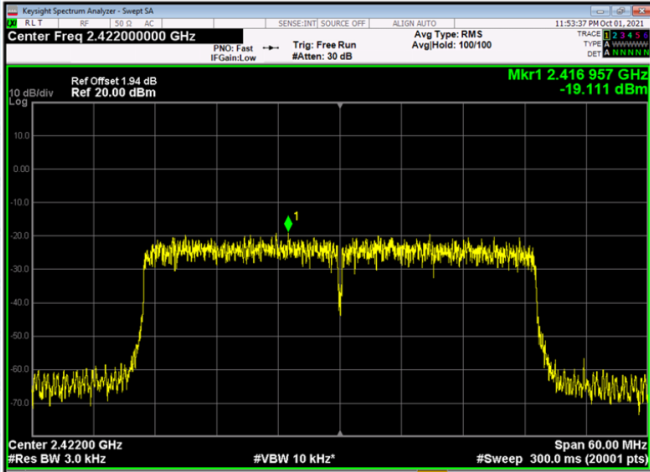


Middle channel

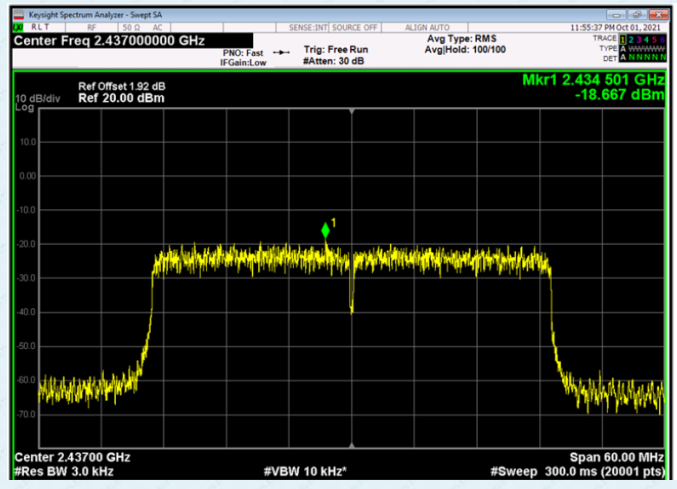
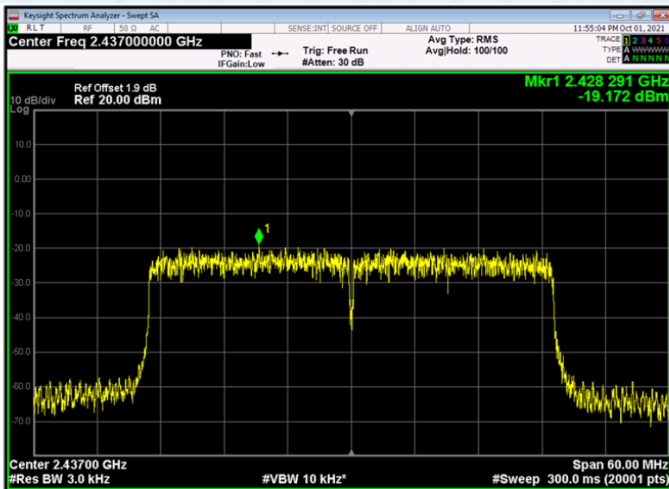


Highest channel

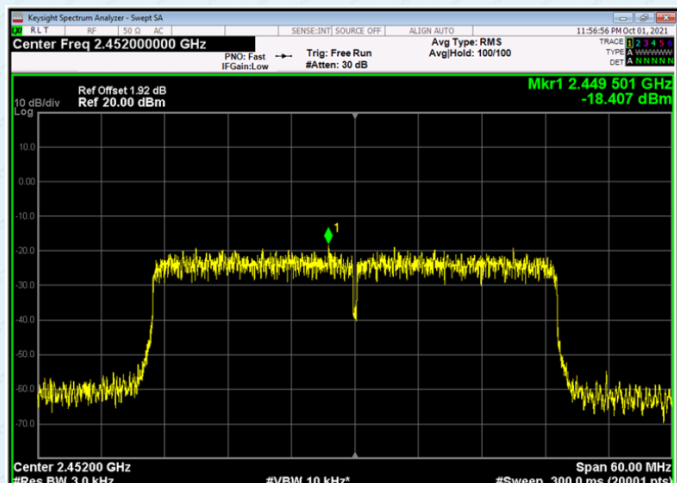
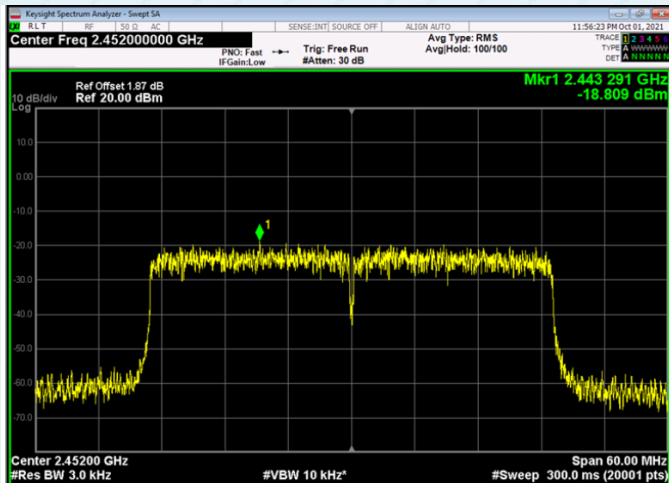
Test mode:	802.11ax (HE40) Ant A	Test mode:	802.11ax (HE40) (Ant B)
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Lowest channel

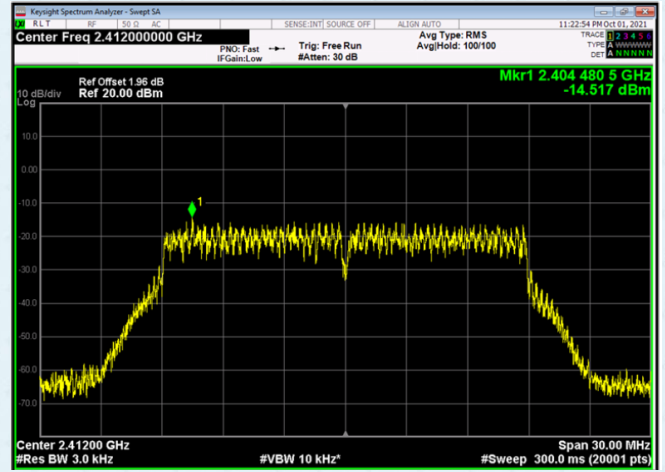
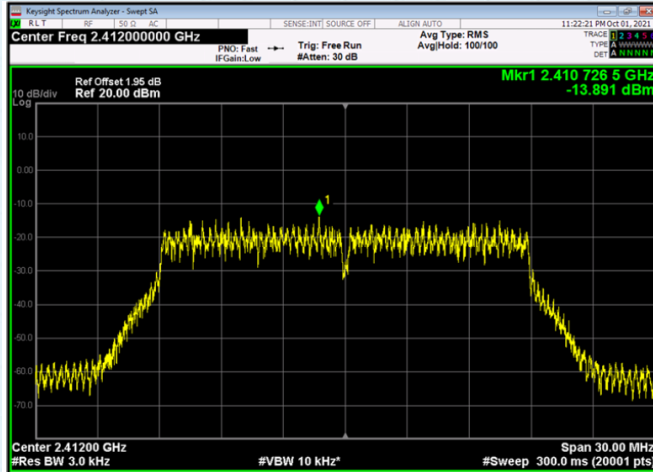


Middle channel

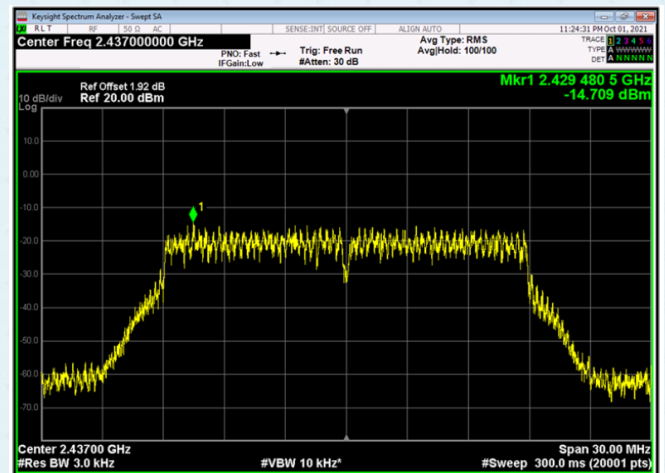
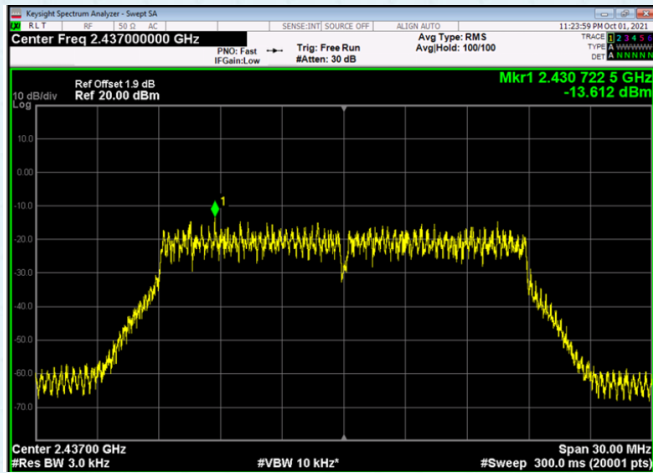


Highest channel

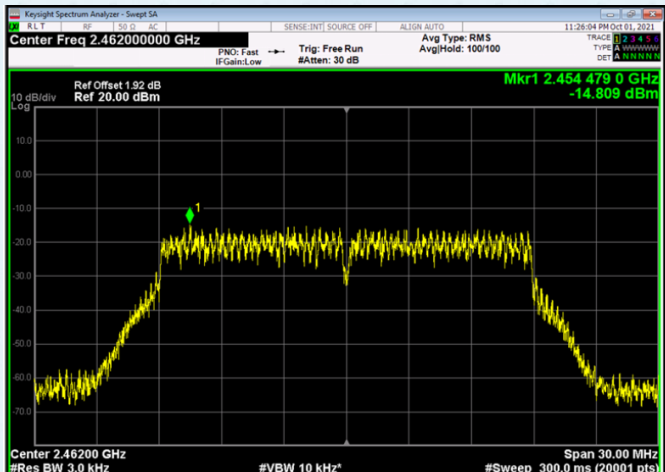
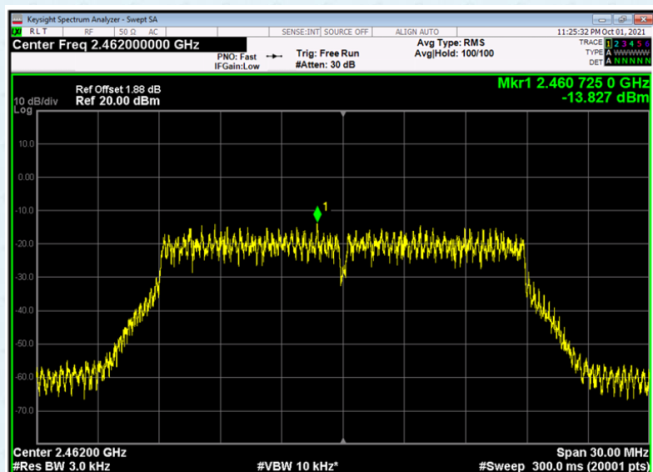
Test mode:	IEEE VHT20 Ant A	Test mode:	IEEE VHT20 (Ant B)
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Lowest channel



Middle channel



Highest channel