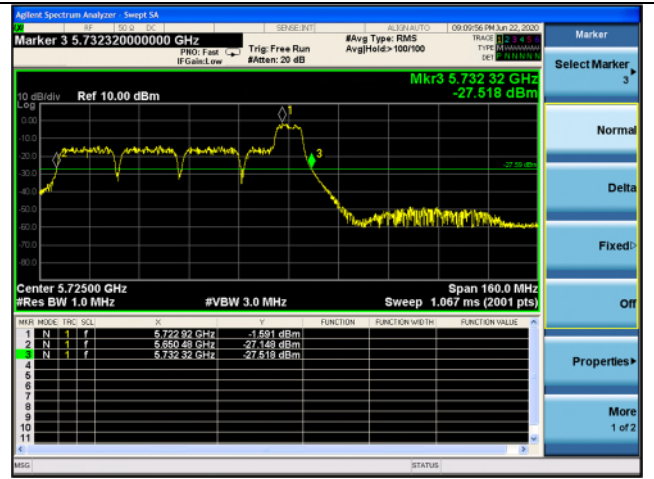
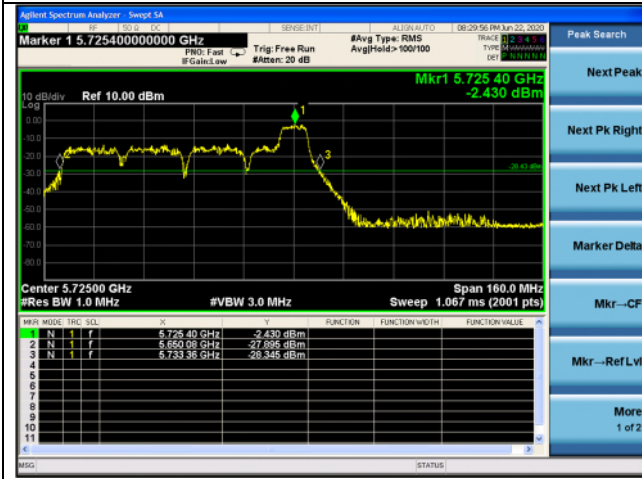


802.11ax_HE80 Band 2C_106T_60 RU

Ant.1

Ant.2

Straddle channel

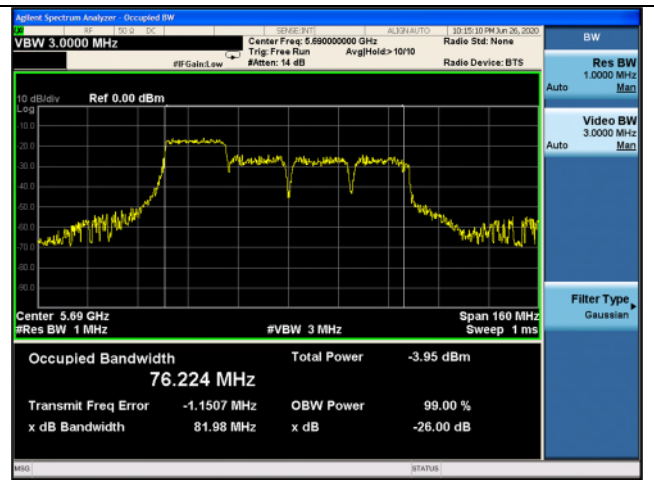
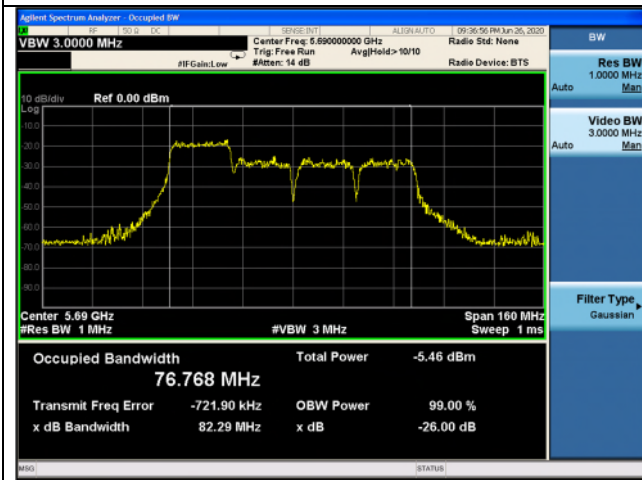


802.11ax_HE80 Band 2C_242T_61 RU

Ant.1

Ant.2

Straddle channel

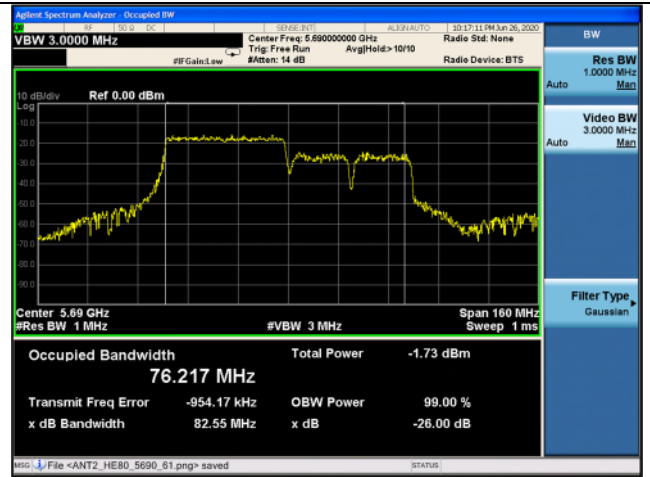
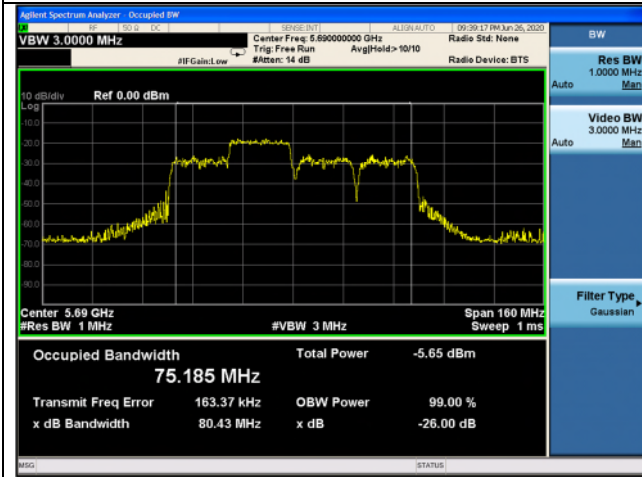


802.11ax_HE80 Band 2C_242T_62 RU

Ant.1

Ant.2

Straddle channel

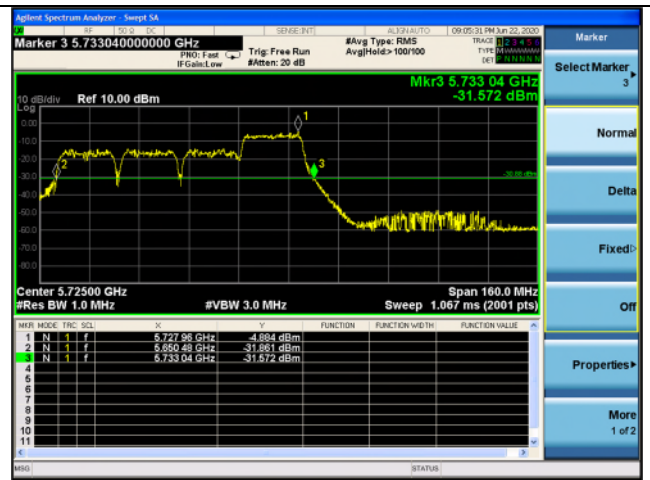
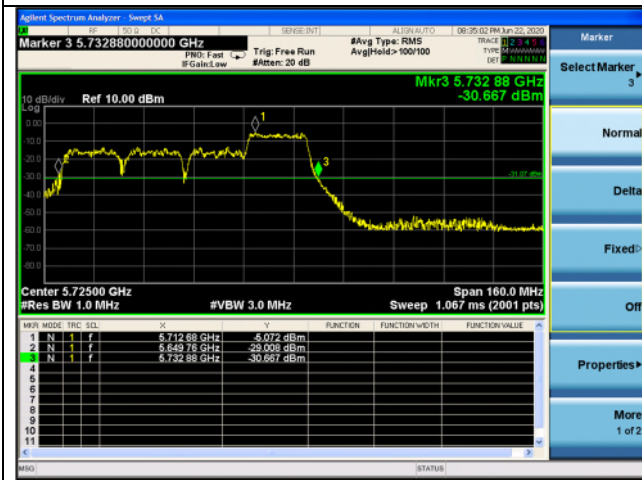


802.11ax_HE80 Band 2C_242T_64 RU

Ant.1

Ant.2

Straddle channel

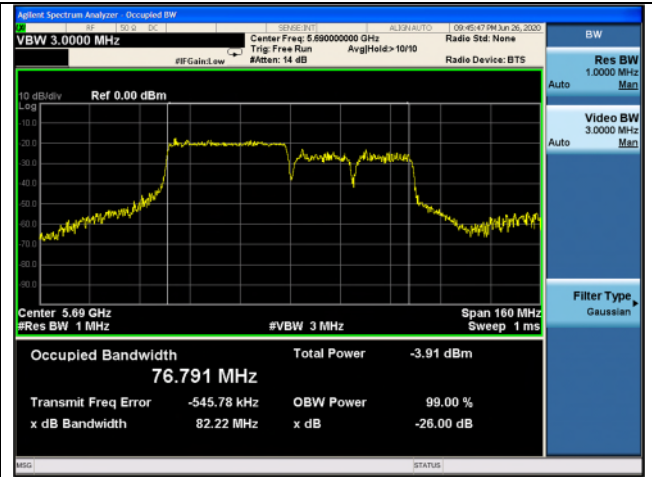
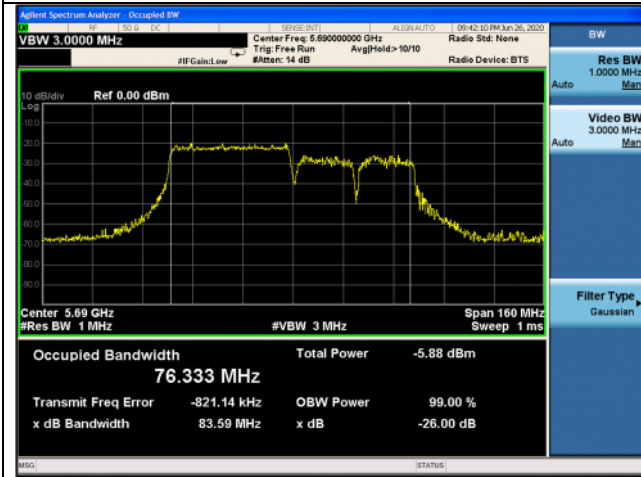


802.11ax_HE80 Band 2C_484T_65 RU

Ant.1

Ant.2

Straddle channel

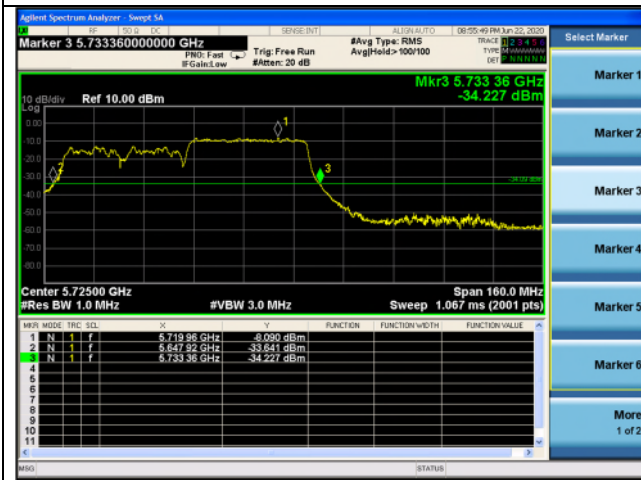


802.11ax_HE80 Band 2C_484T_66 RU

Ant.1

Ant.2

Straddle channel

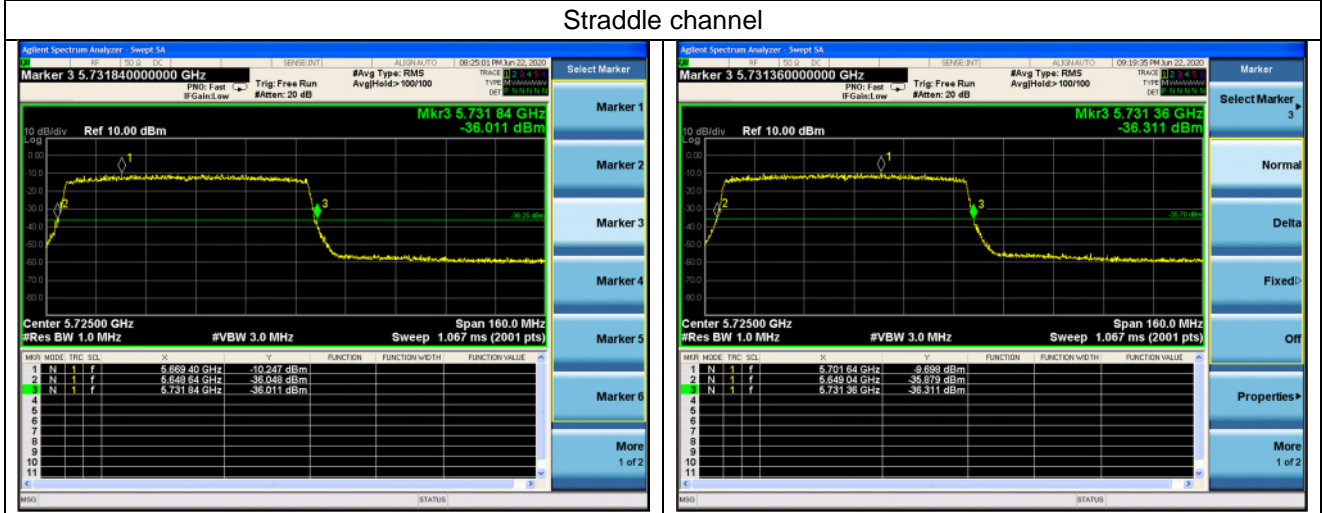


802.11ax_HE80 Band 2C_SU

Ant.1

Ant.2

Straddle channel



4. 6 dB Bandwidth

4.1. Test Setup



4.2. Limit

According to §15.407(e), within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

4.3. Test Procedure

All data rates and modes were investigated for this test. The full data for the worst case data rate are reported in this section.

1. This measurement settings are specified in section II.C.2 of KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set RBW = 100 kHz.
3. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Remark;

In case of band crossing channels 138, 142 and 144, the measurement is complied with section III.A of KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

4.4. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

U-NII 3

Mode	Tones	RU offset	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Bandwidth (kHz)
					Ant.1	Ant.2	
11ax_HE20	26T	0	Low	5 745	2.082	2.010	500
			Middle	5 785	2.043	2.020	
			High	5 825	2.085	2.040	
11ax_HE40	26T	0	Low	5 755	2.068	2.056	
			High	5 795	2.068	2.016	
11ax_HE80	26T	0	Middle	5 775	2.109	2.130	

- Straddle channels

Mode	Tones	RU offset	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Bandwidth (kHz)
					Ant.1	Ant.2	
11ax_HE20	26T	8	Straddle	5 720	1.996	2.064	500
	52T	40			14.500	16.960	
	106T	54			4.520	4.560	
	SU	-			3.640	3.800	
11ax_HE40	26T	17	Straddle	5 710	2.041	2.064	
	52T	44			4.110	4.110	
	106T	56			4.040	4.040	
	242T	62			4.120	4.120	
	SU	-			4.040	2.760	
11ax_HE80	26T	36	Straddle	5 690	2.166	2.138	
	52T	52			4.262	4.183	
	106T	60			4.040	4.040	
	242T	64			4.200	4.200	
	484T	66			4.200	4.200	
	SU	-			4.040	3.880	

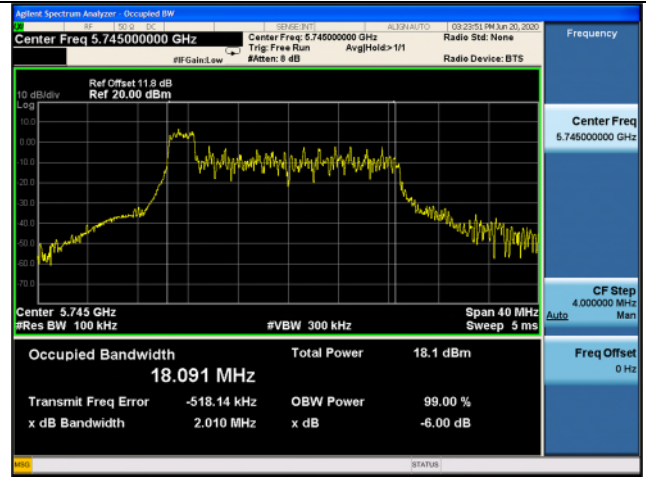
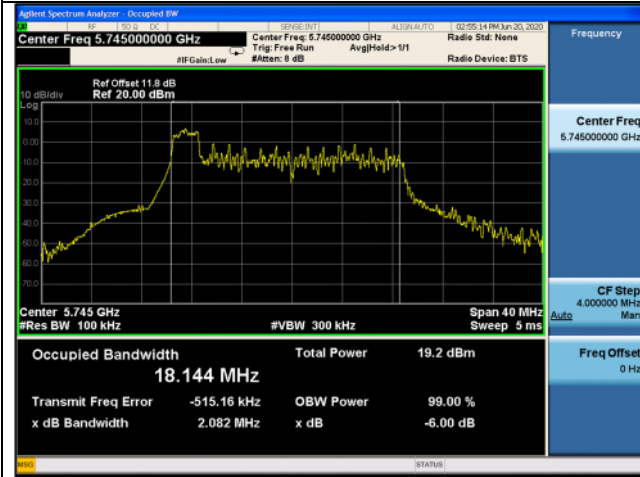
- Test plots

802.11ax_HE20 Band 3_26T_0 RU

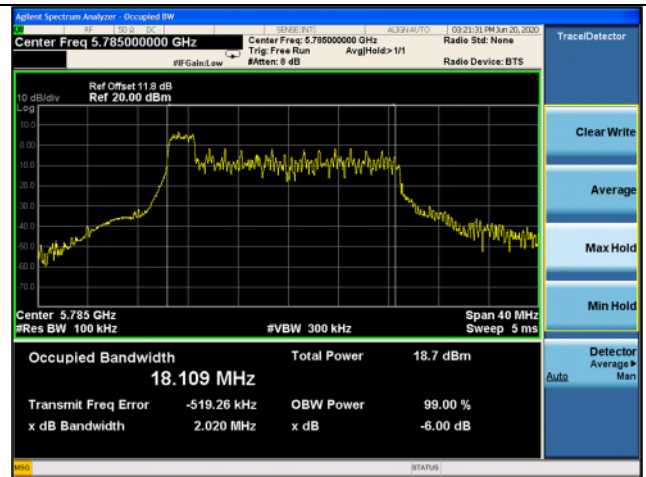
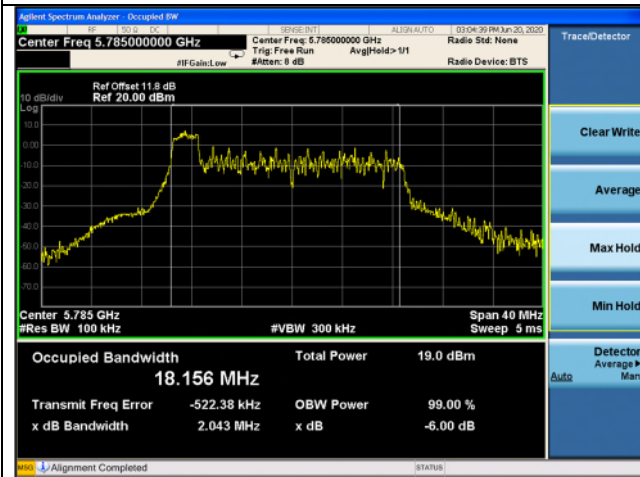
Ant.1

Ant.2

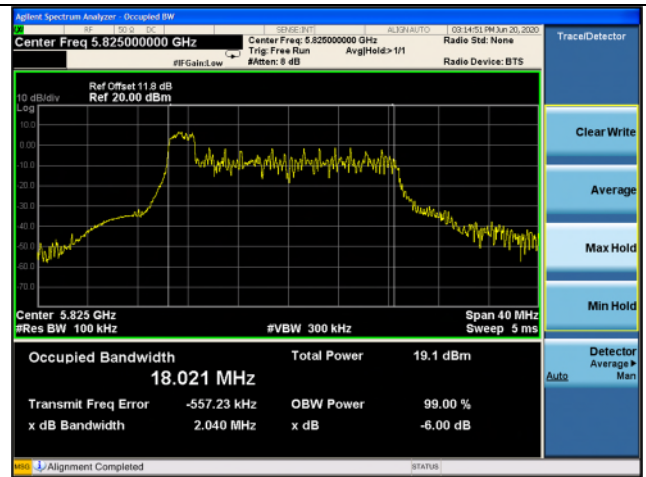
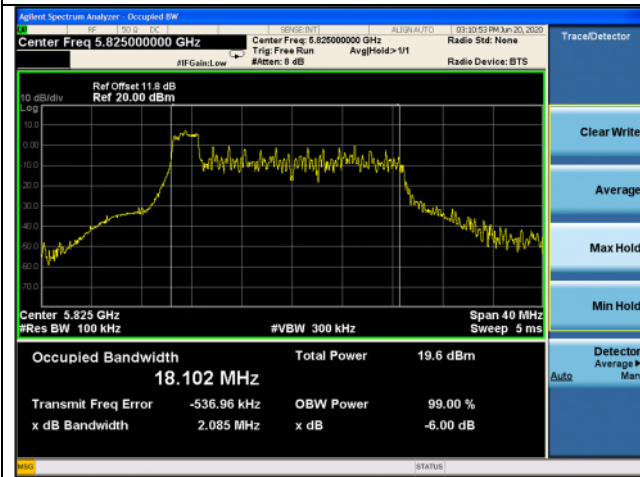
Low channel



Middle channel



High channel

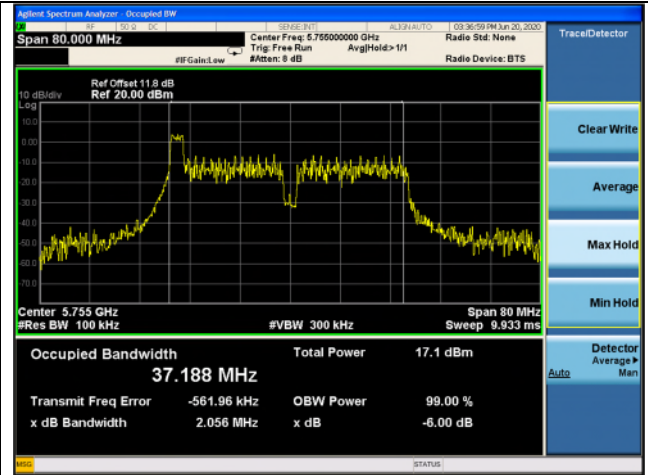
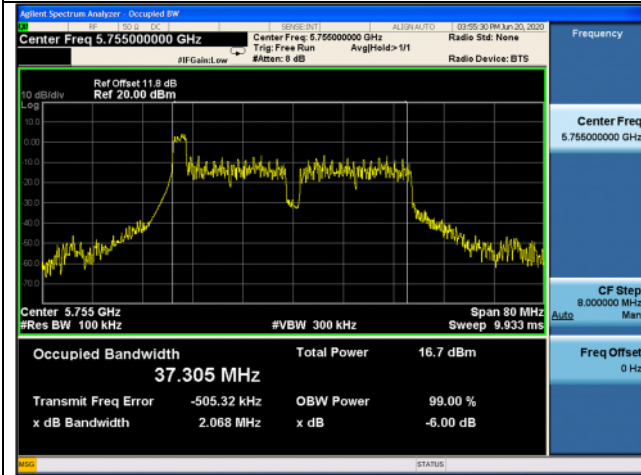


802.11ax_HE40 Band 3_26T_0 RU

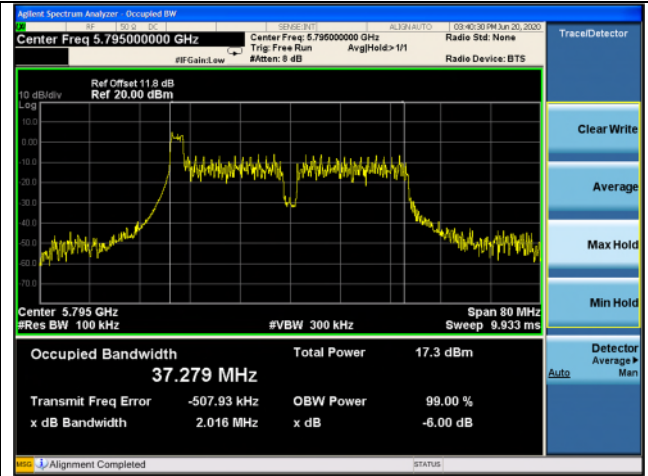
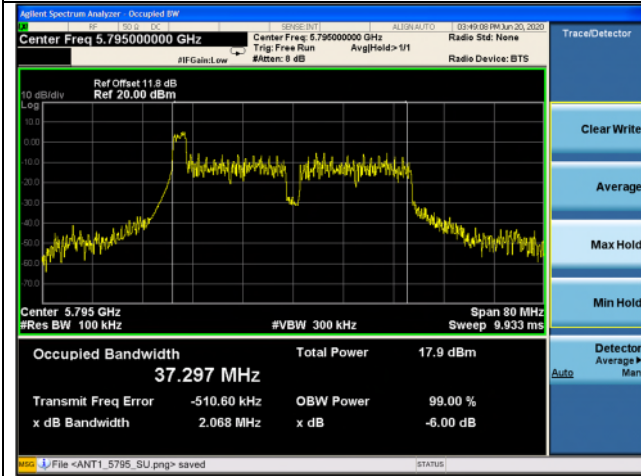
Ant.1

Ant.2

Low channel



High channel

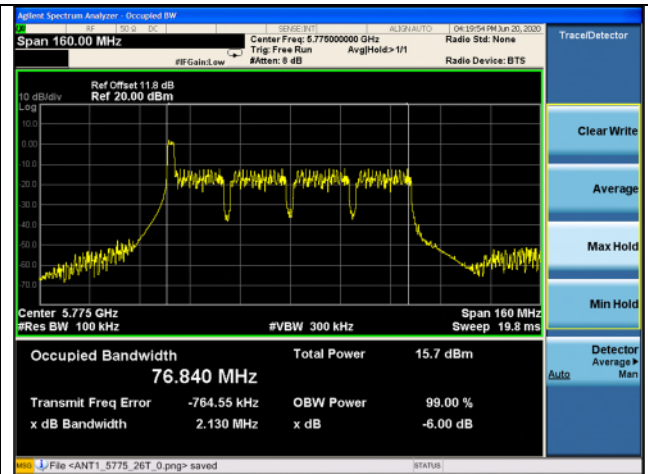
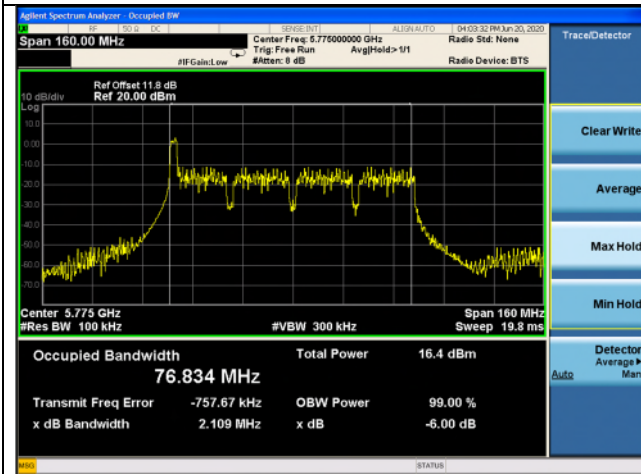


802.11ax_HE80 Band 3_26T_0 RU

Ant.1

Ant.2

Middle channel

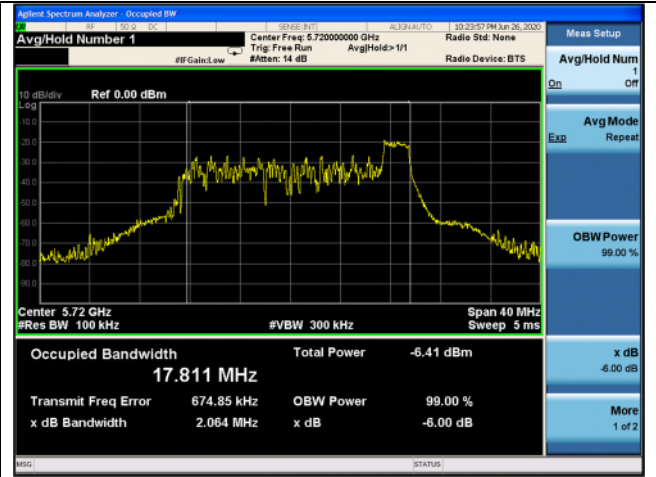
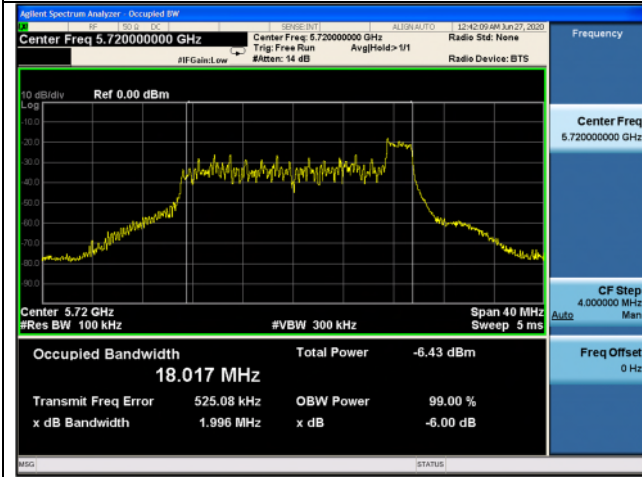


802.11ax_HE20 Band 3_26T_8 RU

Ant.1

Ant.2

Straddle channel

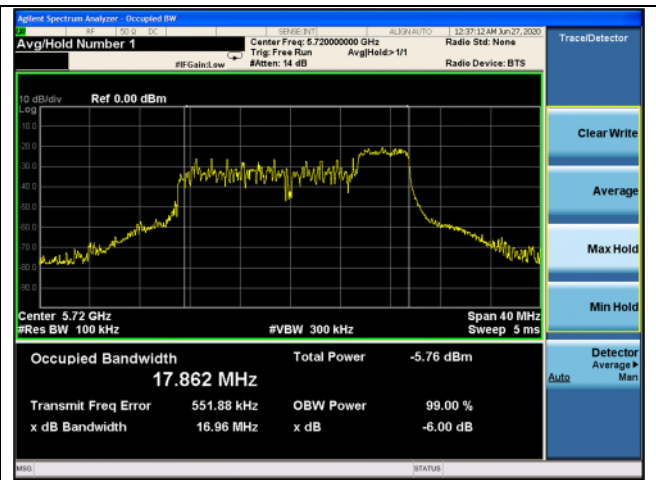
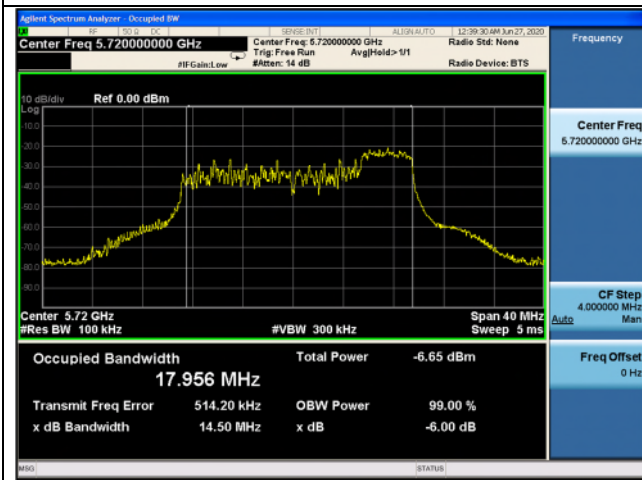


802.11ax_HE20 Band 3_52T_40 RU

Ant.1

Ant.2

Straddle channel



802.11ax_HE20 Band 3_106T_54 RU

Ant.1

Ant.2

Straddle channel



802.11ax_HE20 Band 3_SU

Ant.1

Ant.2

Straddle channel

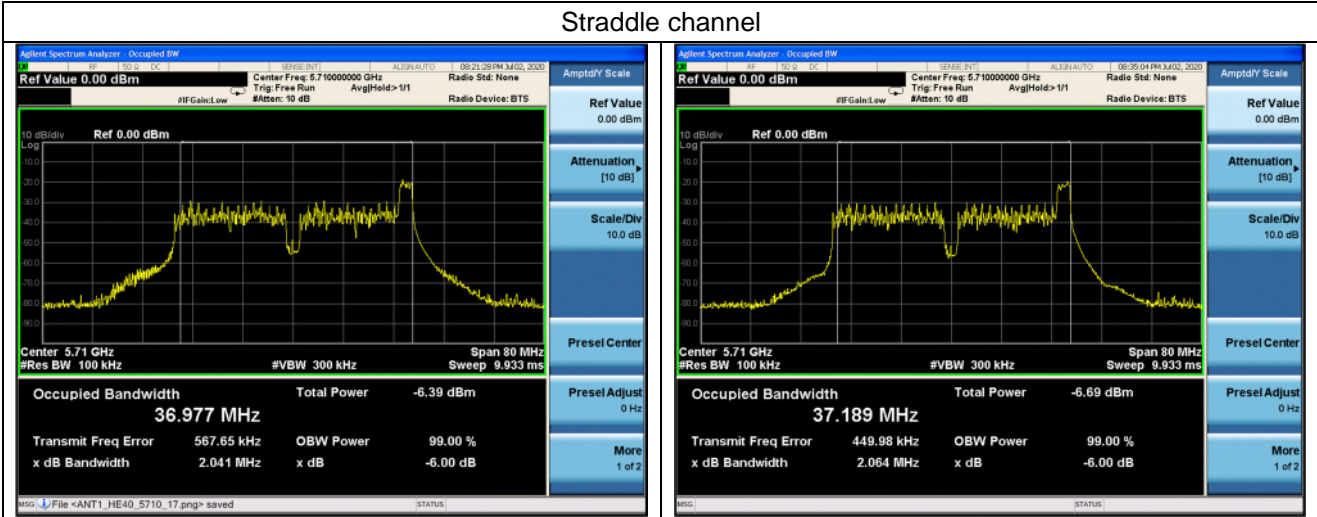


802.11ax_HE40 Band 3_26T_17 RU

Ant.1

Ant.2

Straddle channel

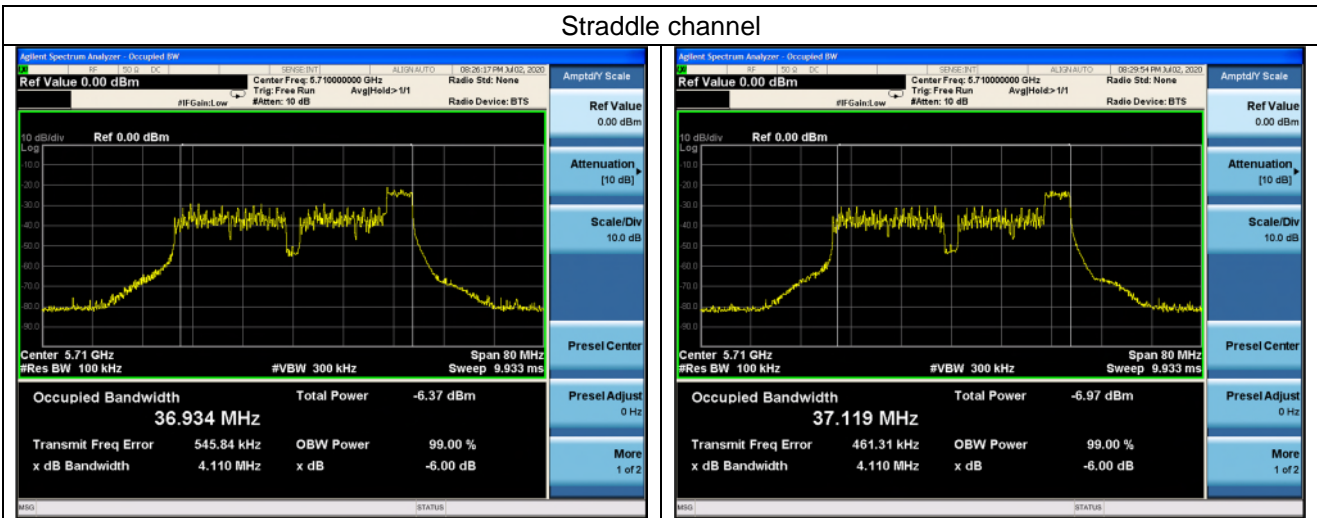


802.11ax_HE40 Band 3_52T_44 RU

Ant.1

Ant.2

Straddle channel

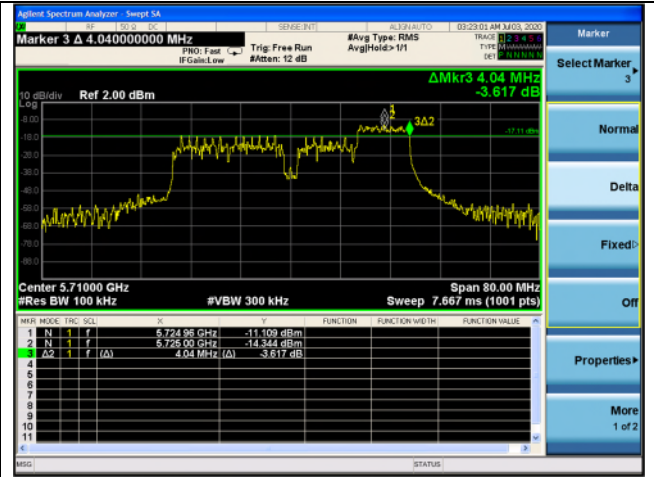


802.11ax_HE40 Band 3_106T_56 RU

Ant.1

Ant.2

Straddle channel

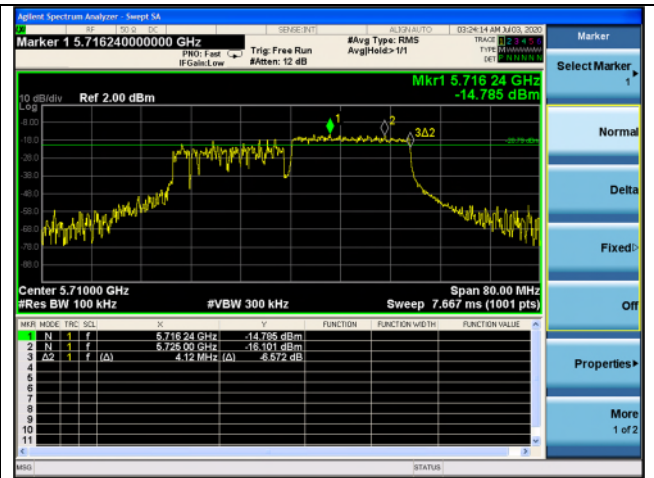
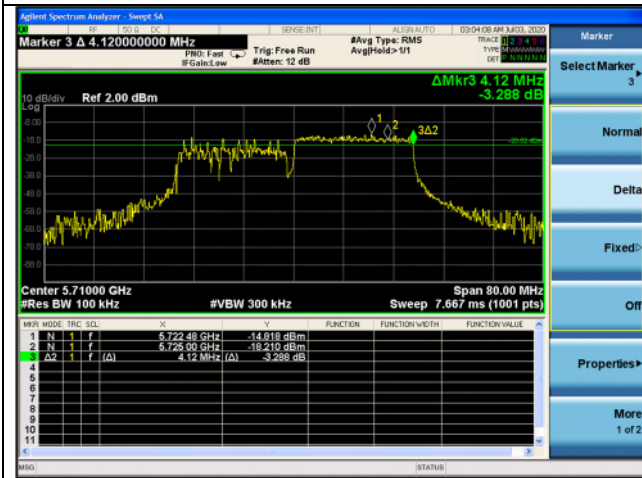


802.11ax_HE40 Band 3_242T_62 RU

Ant.1

Ant.2

Straddle channel

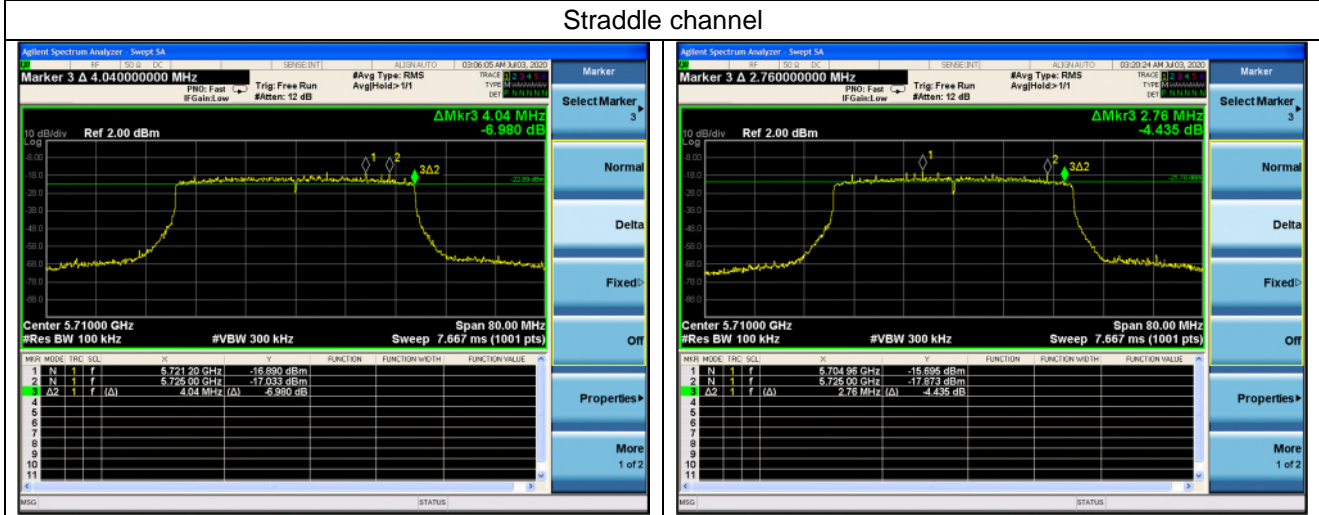


802.11ax_HE40 Band 3_SU

Ant.1

Ant.2

Straddle channel

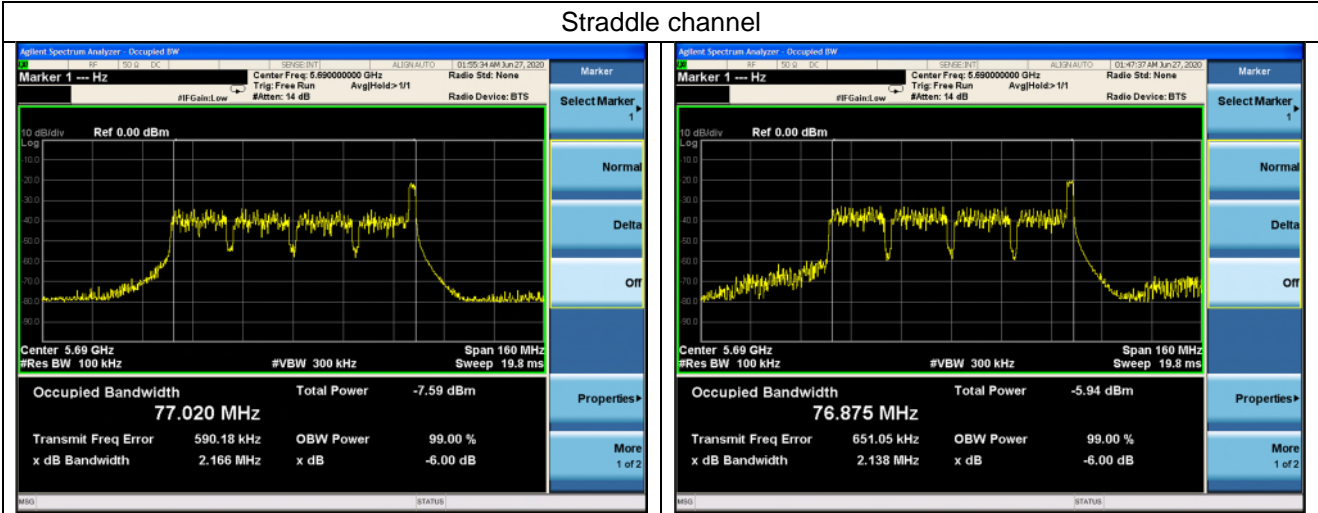


802.11ax_HE80 Band 3_26T_36 RU

Ant.1

Ant.2

Straddle channel

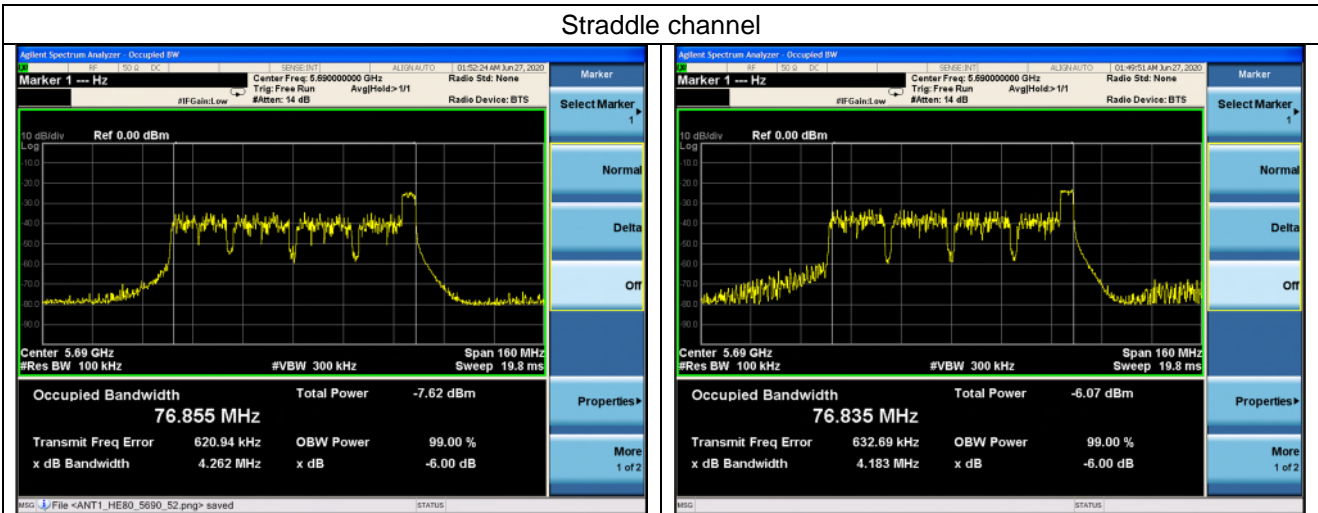


802.11ax_HE80 Band 3_52T_52 RU

Ant.1

Ant.2

Straddle channel

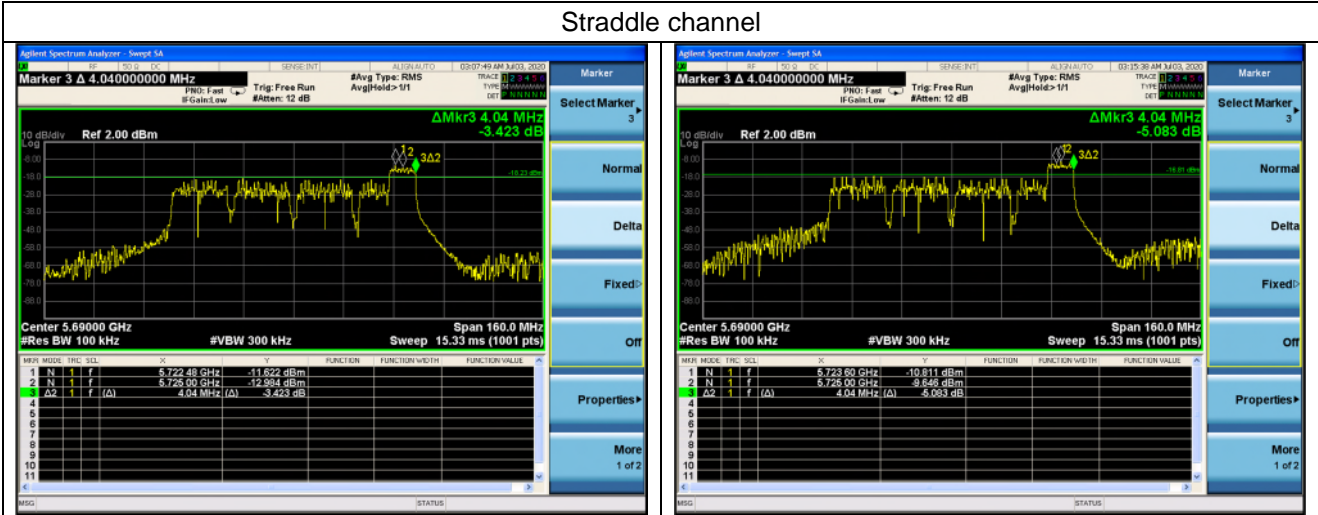


802.11ax_HE80 Band 3_106T_60 RU

Ant.1

Ant.2

Straddle channel



802.11ax_HE80 Band 3_242T_64 RU

Ant.1

Ant.2

Straddle channel

