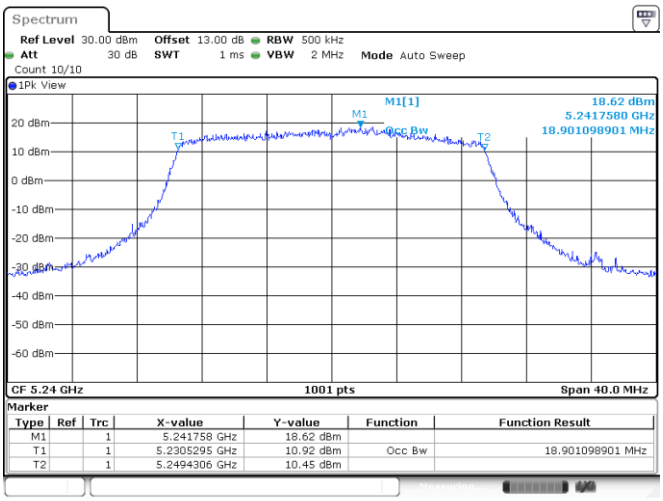
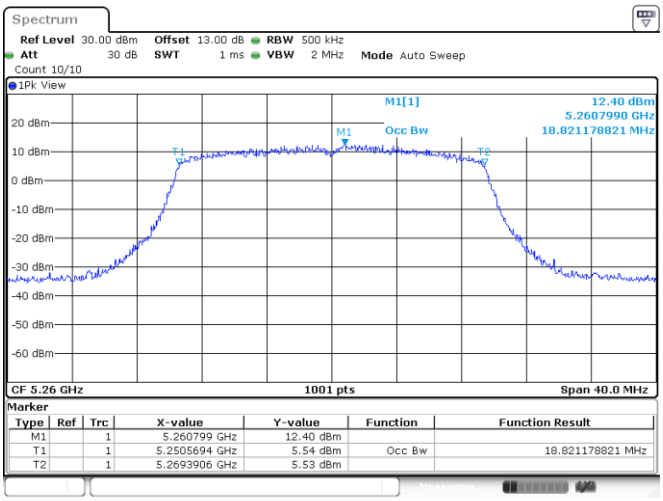
802.11ax HE20

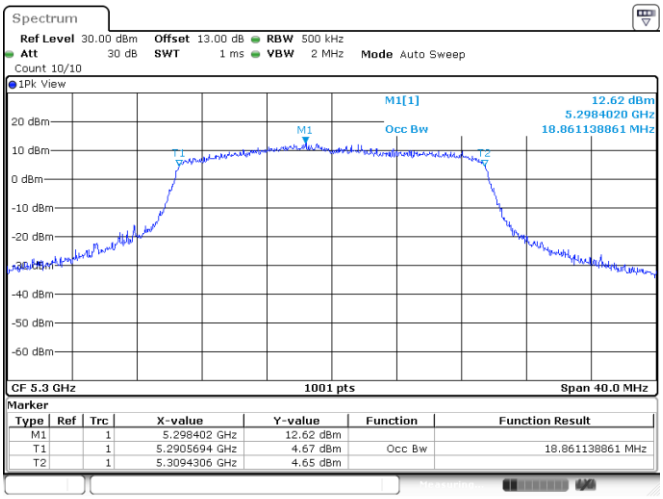
Channel 48



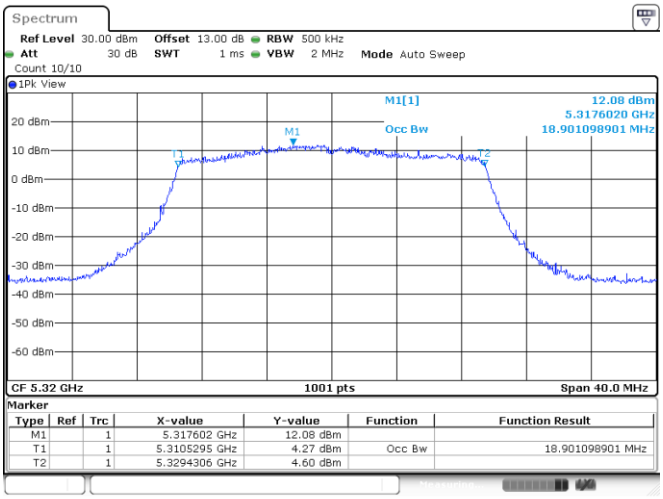
Channel 52



Channel 60

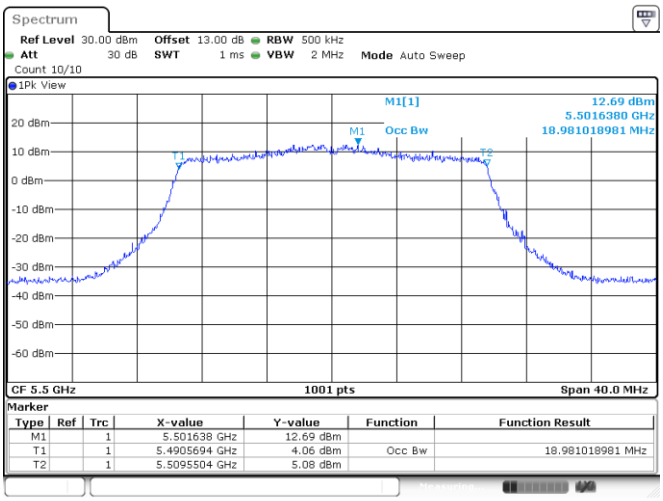


Channel 64

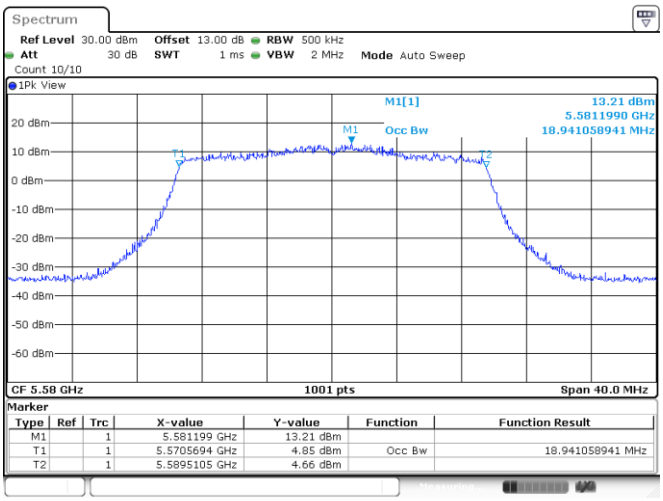


802.11ax HE20

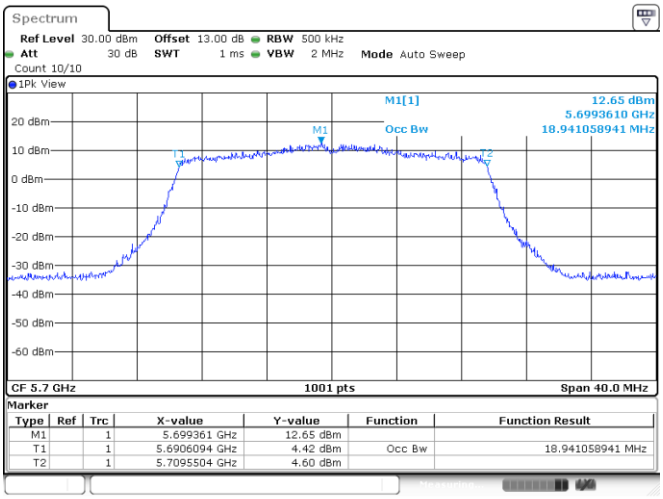
Channel 100



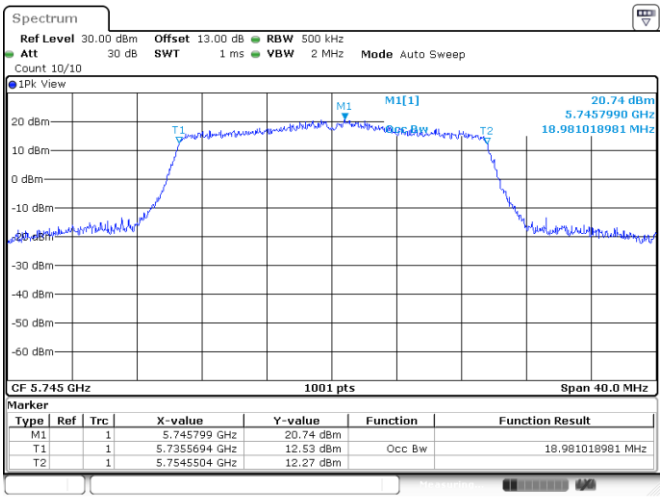
Channel 116



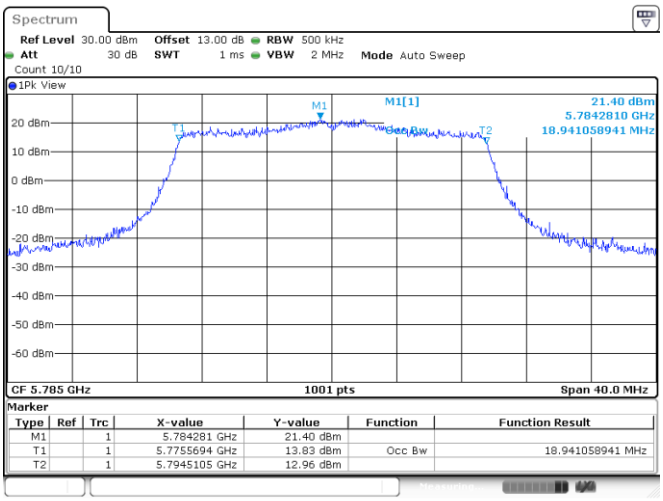
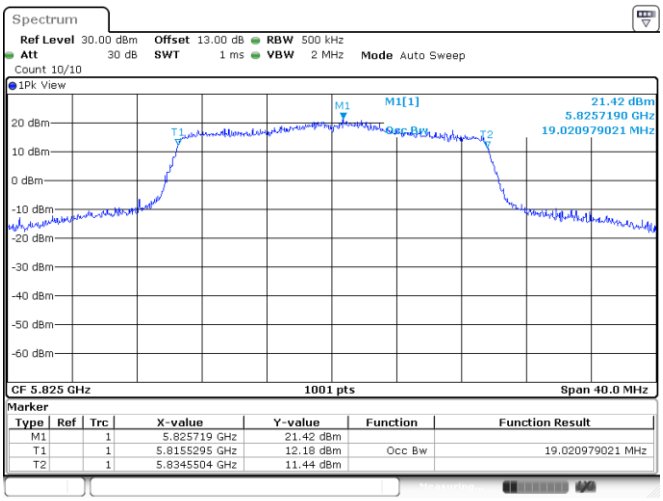
Channel 140



Channel 149



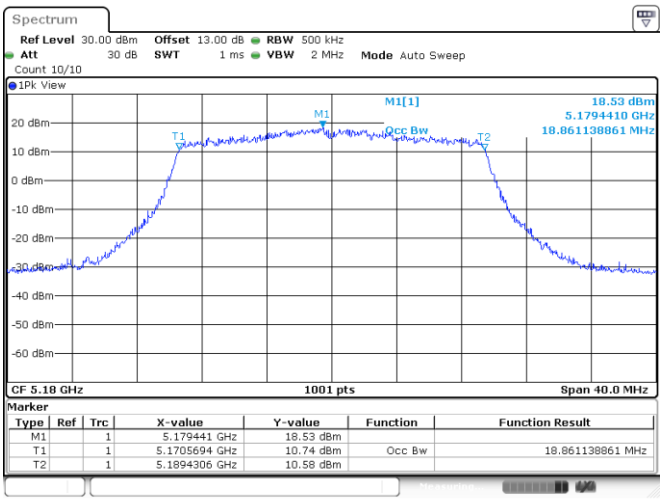
802.11ax HE20

Channel 157	Channel 165
	

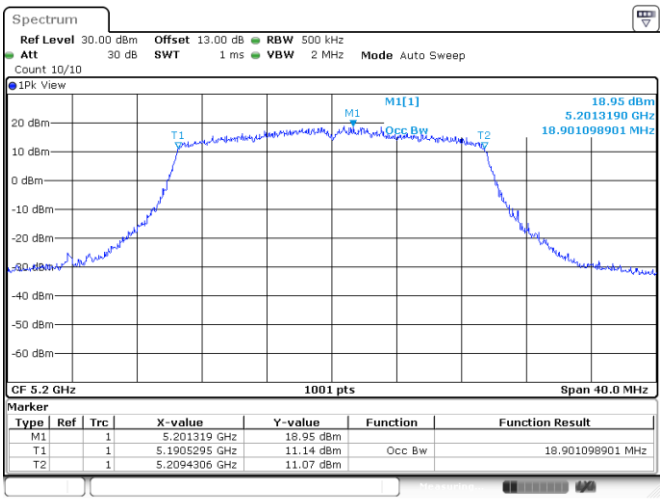
<Chain 1>

802.11ax HE20

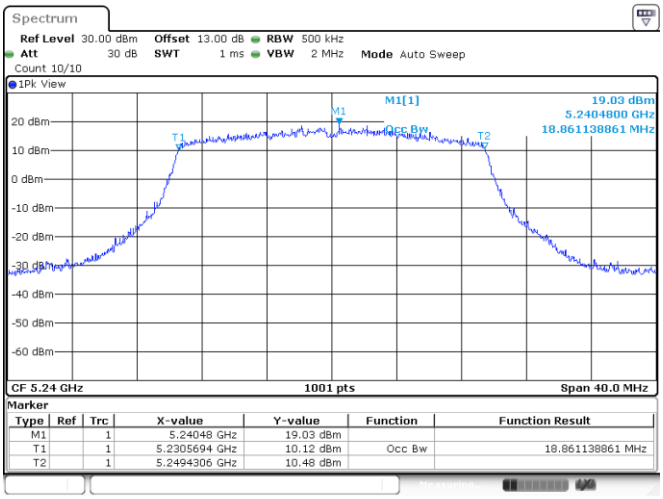
Channel 36



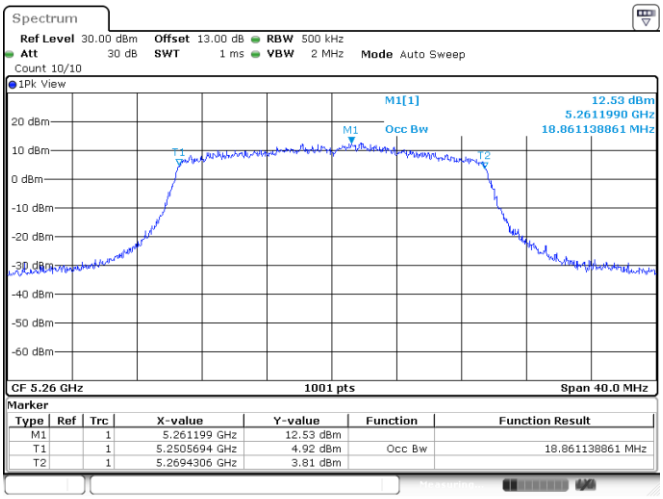
Channel 40



Channel 48

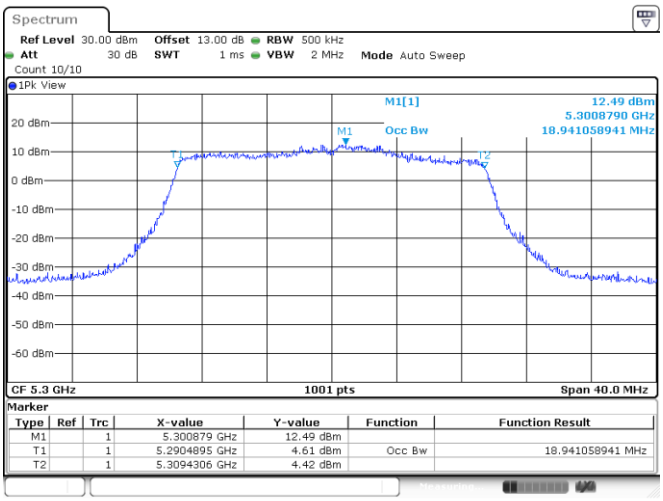


Channel 52

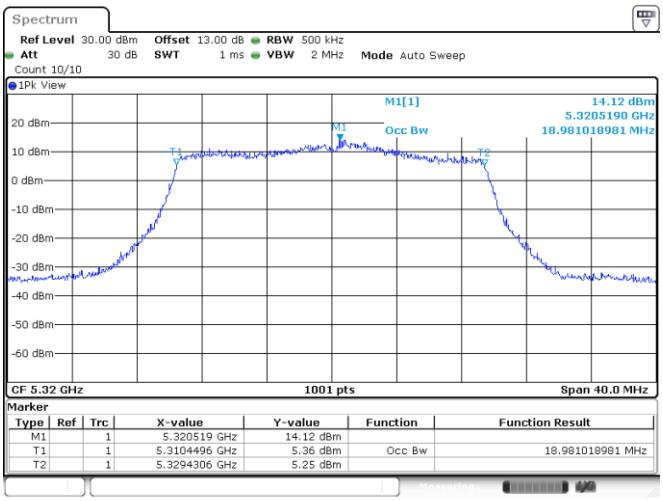


802.11ax HE20

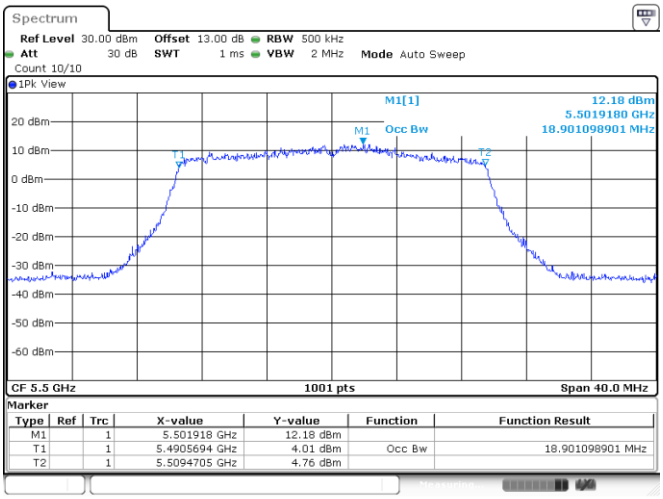
Channel 60



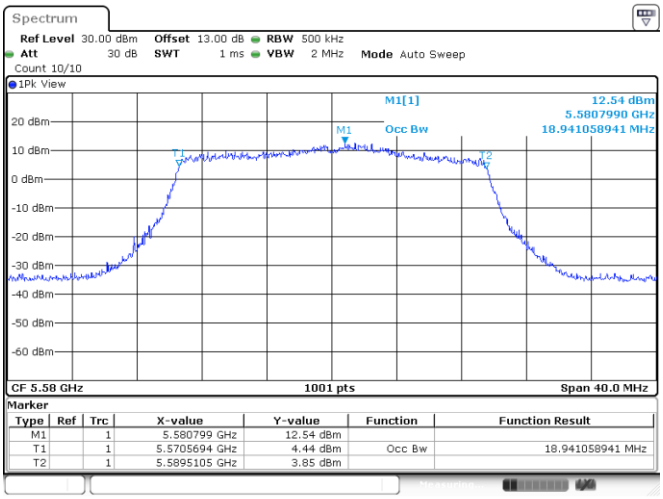
Channel 64



Channel 100

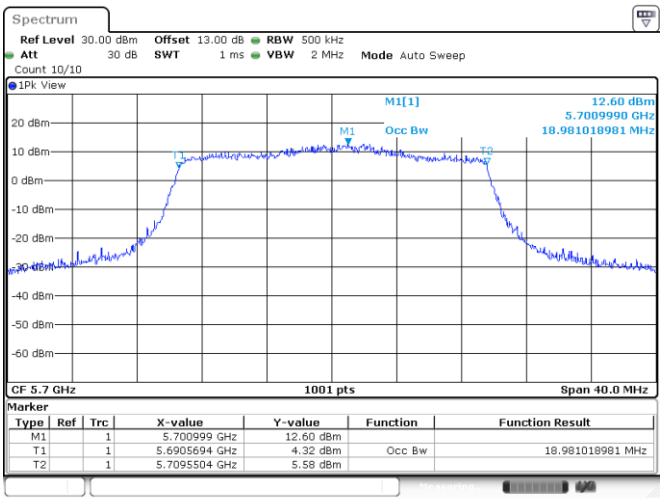


Channel 116

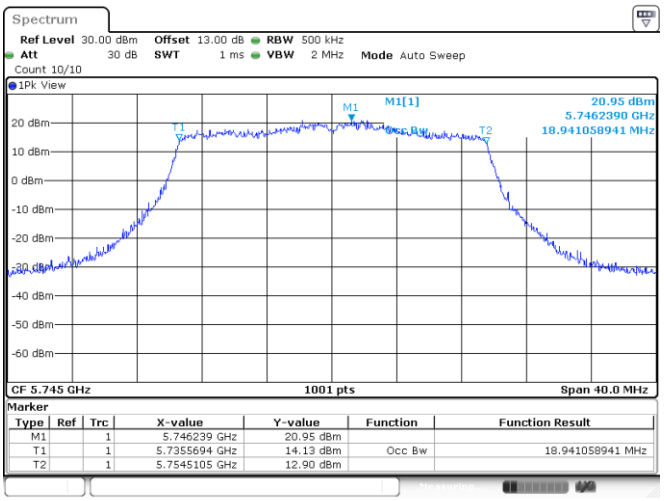


802.11ax HE20

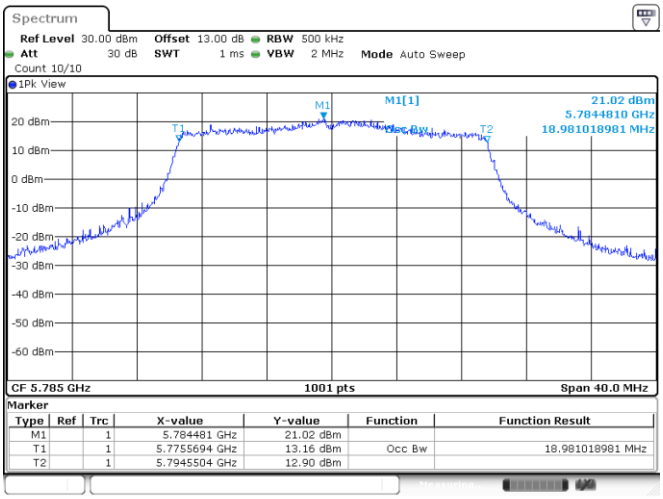
Channel 140



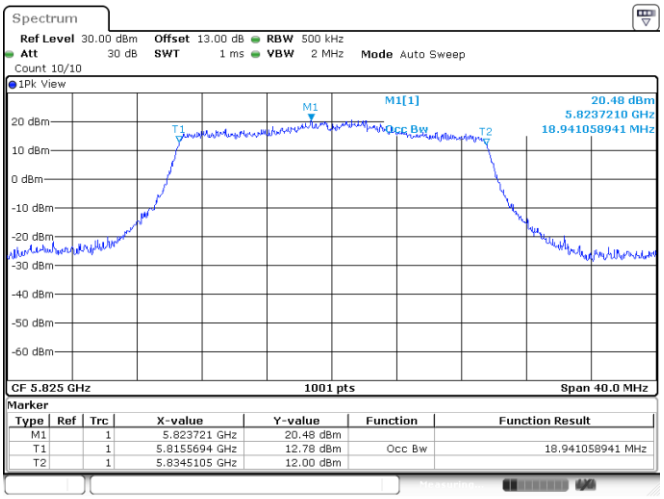
Channel 149



Channel 157



Channel 165



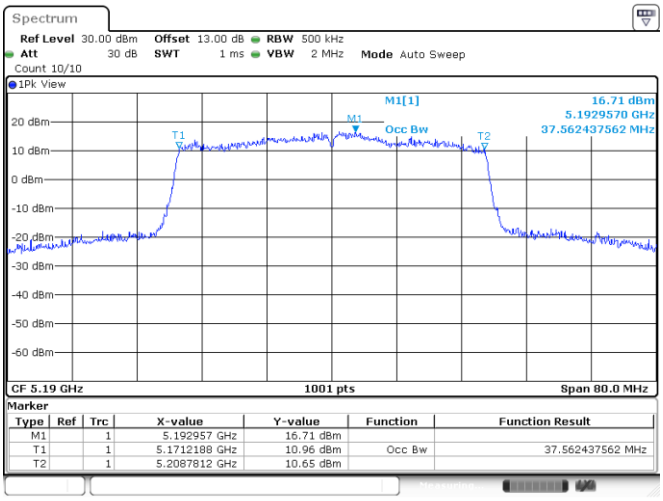
802.11ax HE40

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	38	5190	37.56	37.48
	46	5230	37.56	37.48
U-NII-2A	54	5270	37.40	37.56
	62	5310	37.48	37.56
U-NII-2C	102	5510	37.56	37.64
	110	5550	37.72	37.64
	134	5670	37.56	37.56
U-NII-3	151	5755	37.64	37.64
	159	5795	37.64	37.64

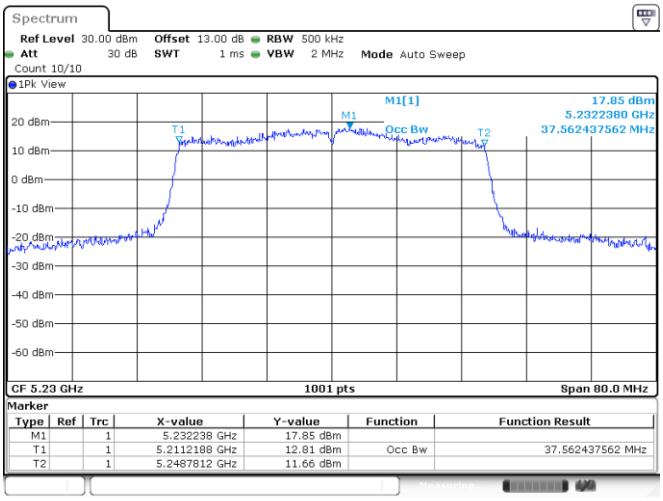
<Chain 0>

802.11ax HE40

Channel 38

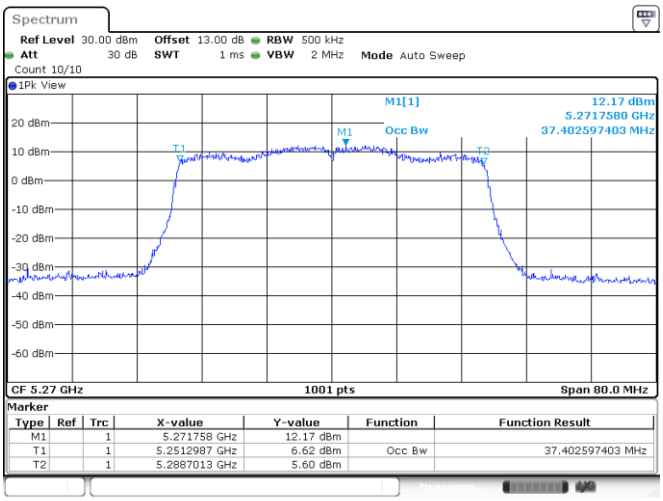


Channel 46

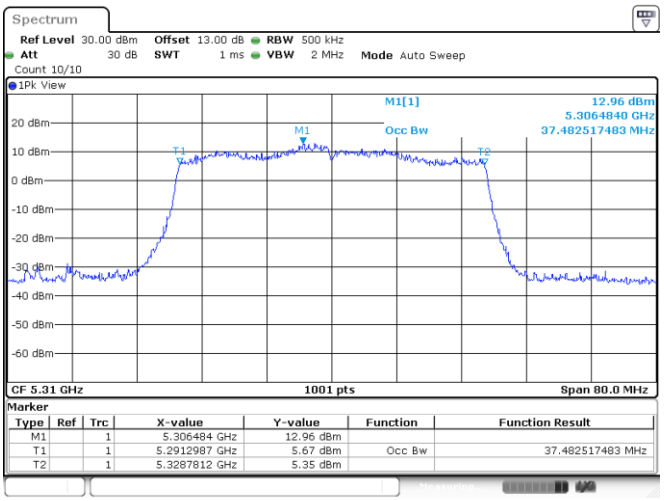


802.11ax HE40

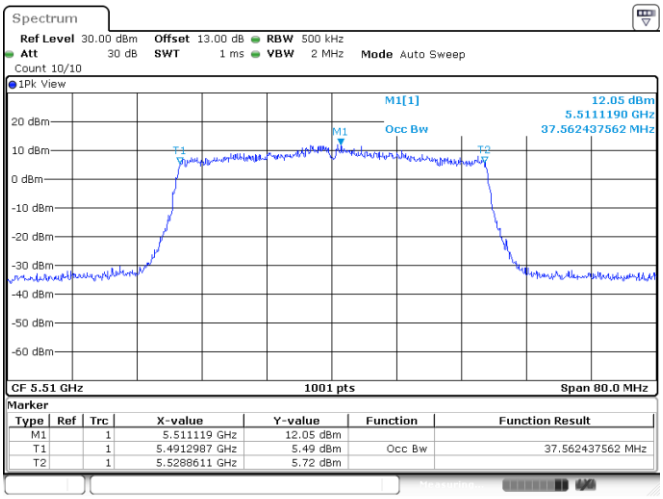
Channel 54



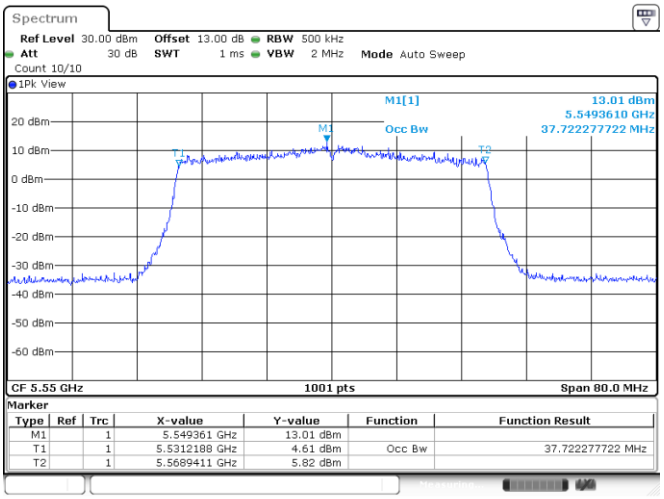
Channel 62



Channel 102

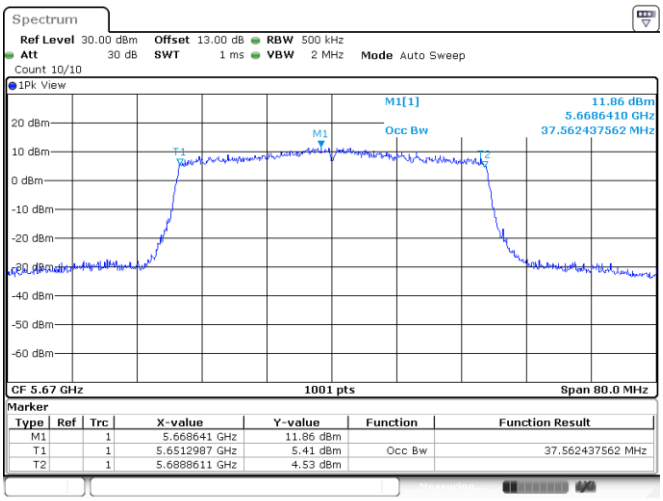


Channel 110

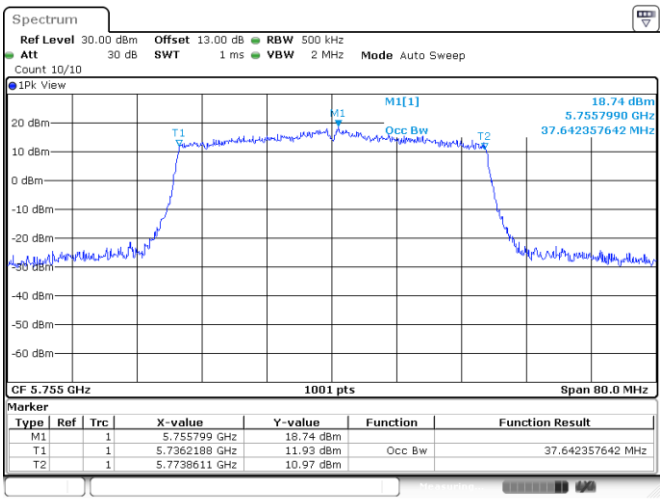


802.11ax HE40

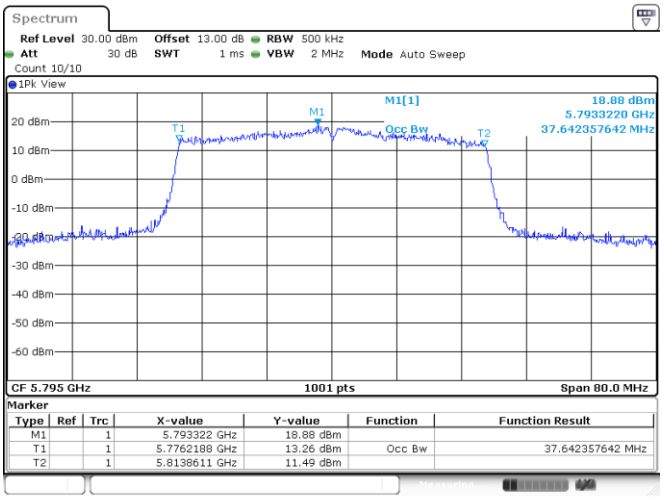
Channel 134



Channel 151



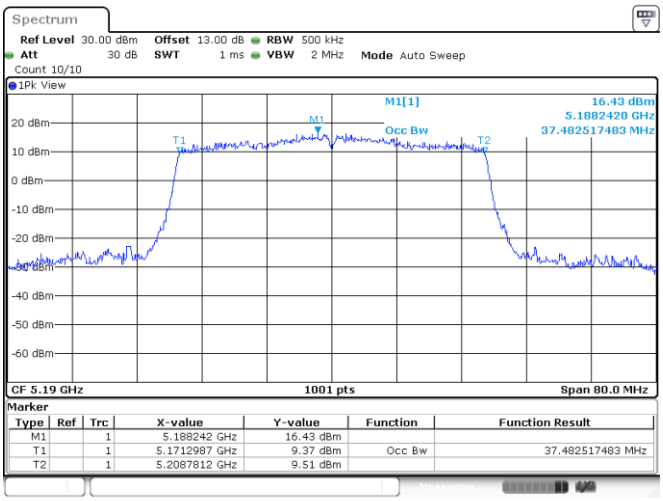
Channel 159



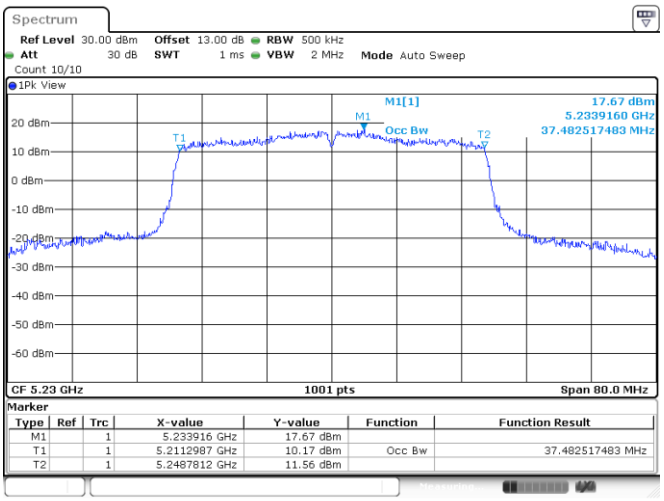
<Chain 1>

802.11ax HE40

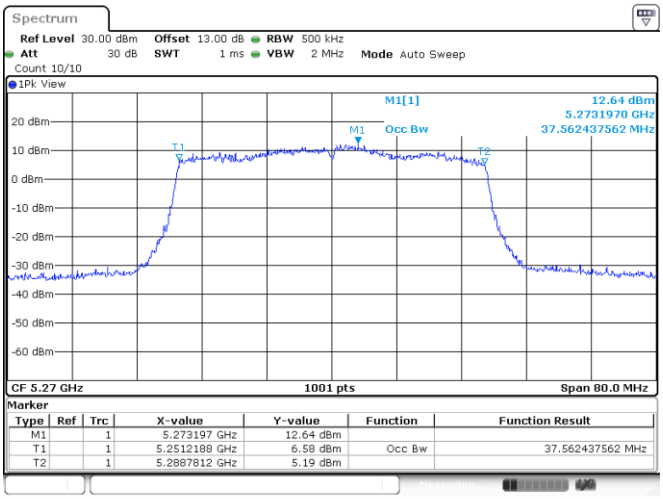
Channel 38



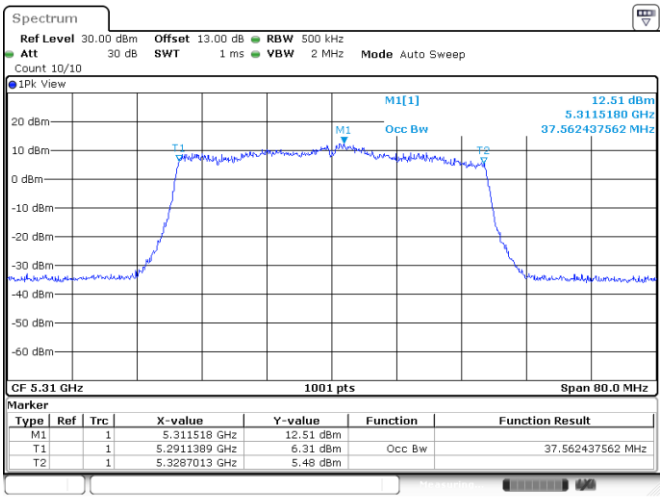
Channel 46



Channel 54

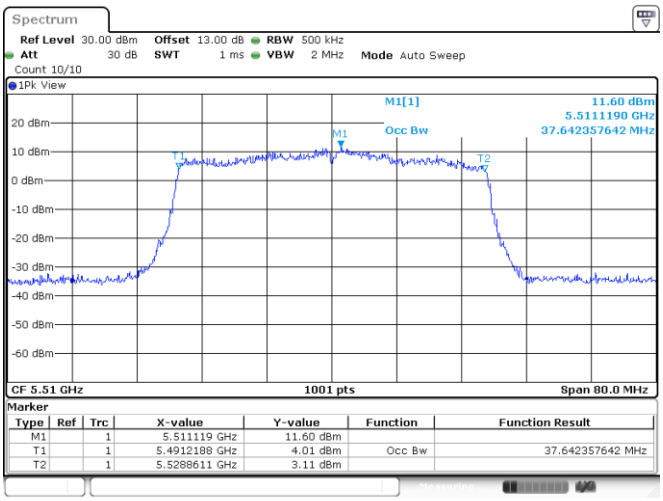


Channel 62

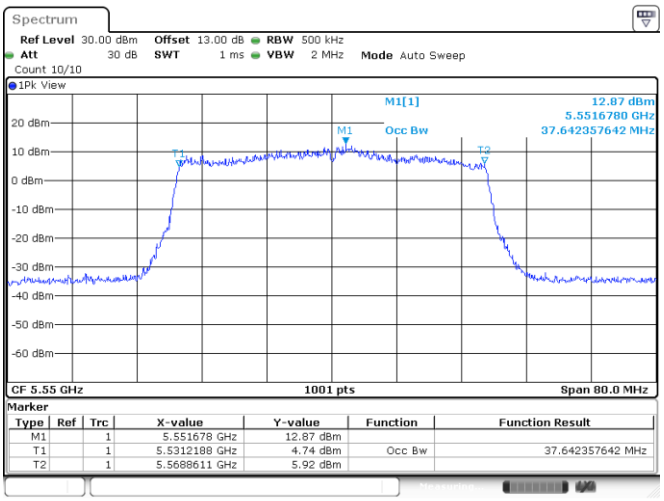


802.11ax HE40

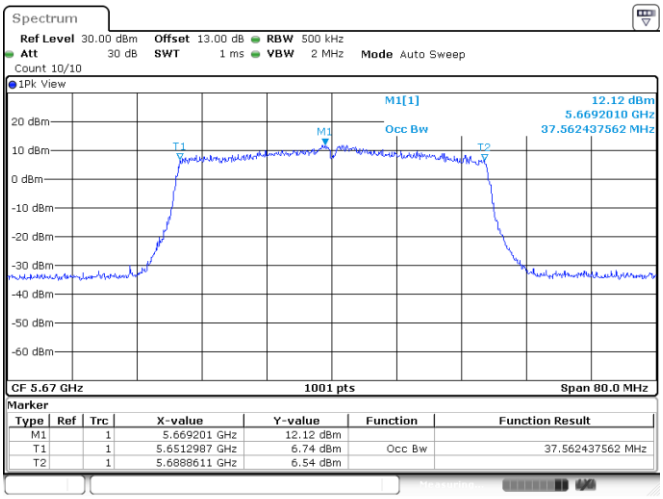
Channel 102



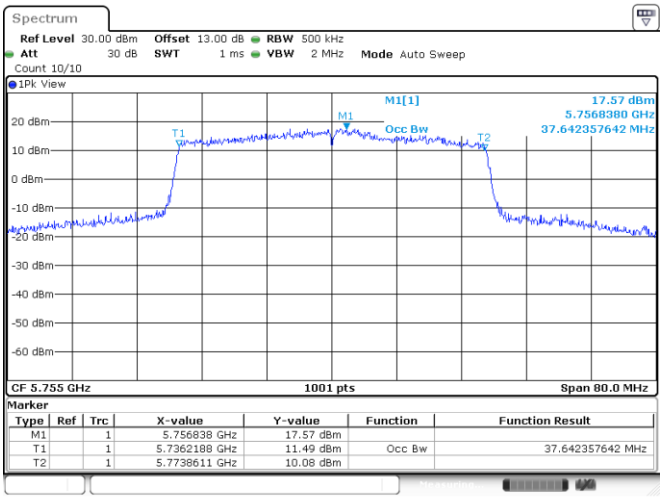
Channel 110

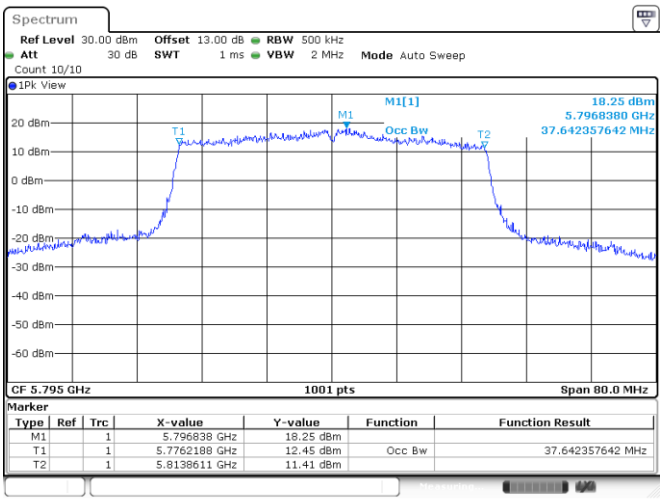


Channel 134



Channel 151



802.11ax HE40	
Channel 159	
	

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.796838 GHz	18.25 dBm		
T1		1	5.7762188 GHz	12.45 dBm	Occ Bw	37.642357642 MHz
T2		1	5.8138611 GHz	11.41 dBm		

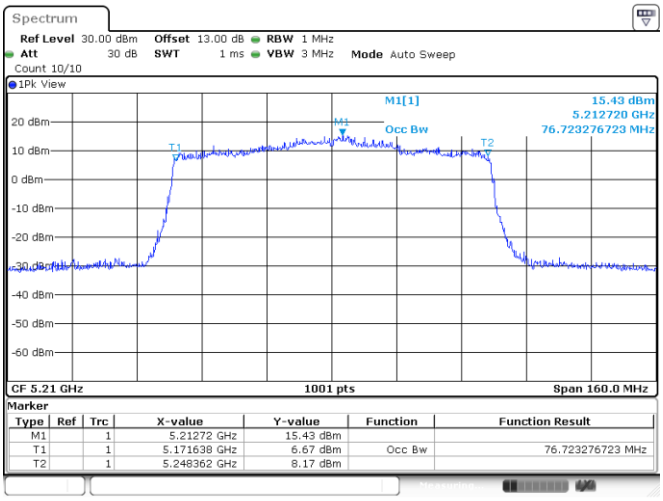
802.11ax HE80

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	76.72	76.56
U-NII-2A	58	5290	76.56	76.40
U-NII-2C	106	5530	76.72	76.56
	122	5610	76.88	76.88
U-NII-3	155	5775	76.72	76.88

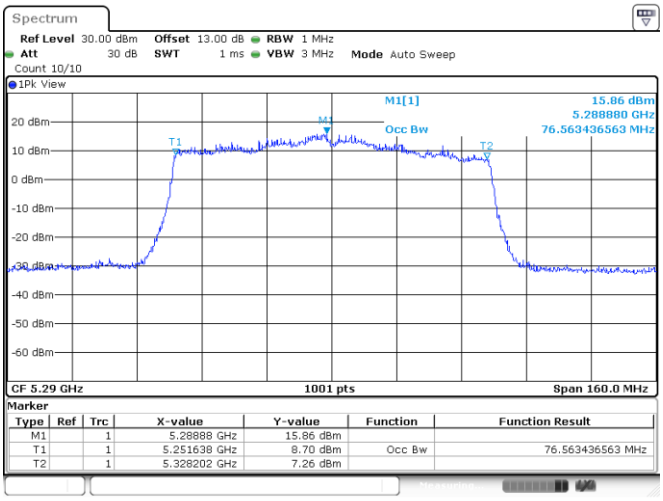
<Chain 0>

802.11ax HE80

Channel 42

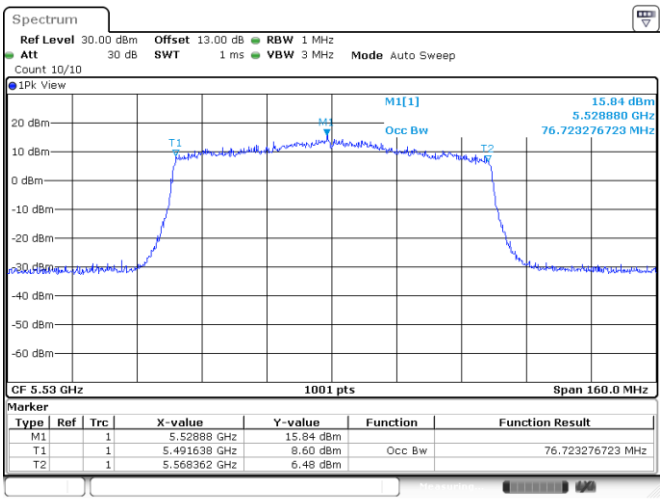


Channel 58

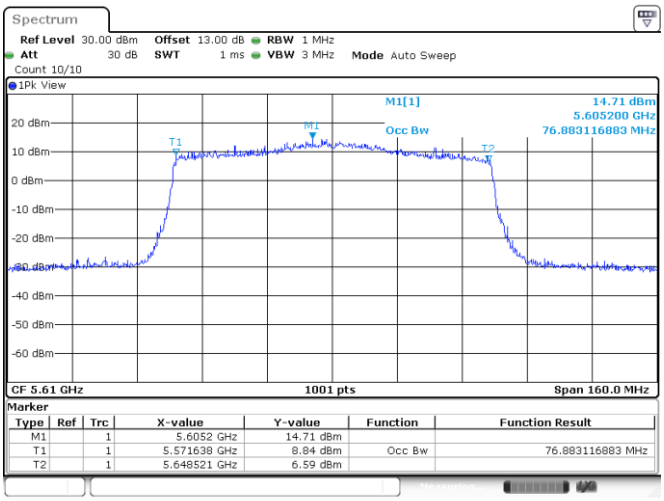


802.11ax HE80

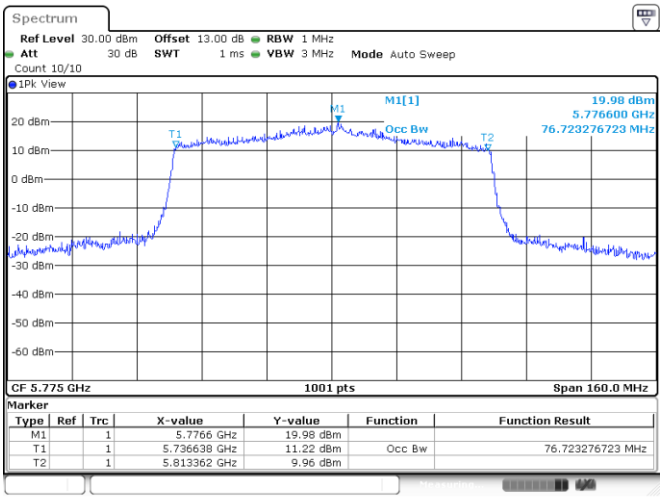
Channel 106



Channel 122



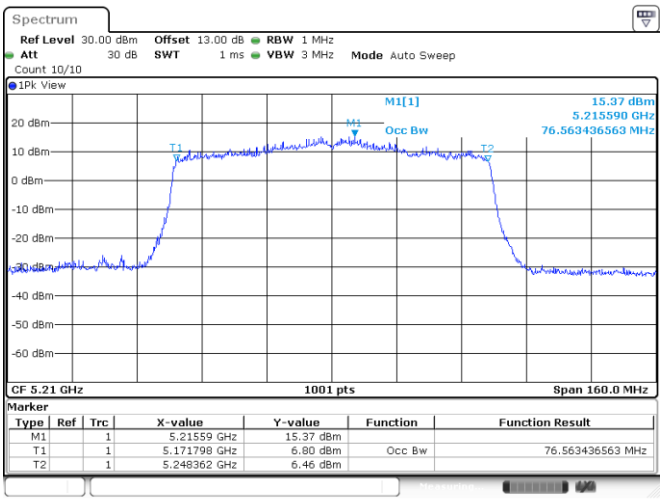
Channel 155



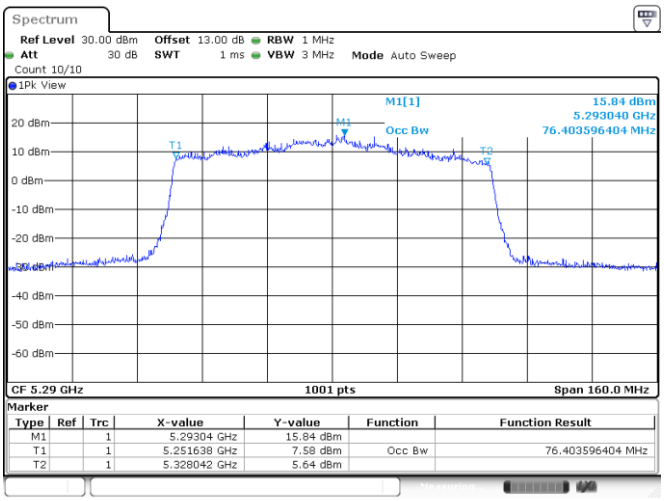
<Chain 1>

802.11ax HE80

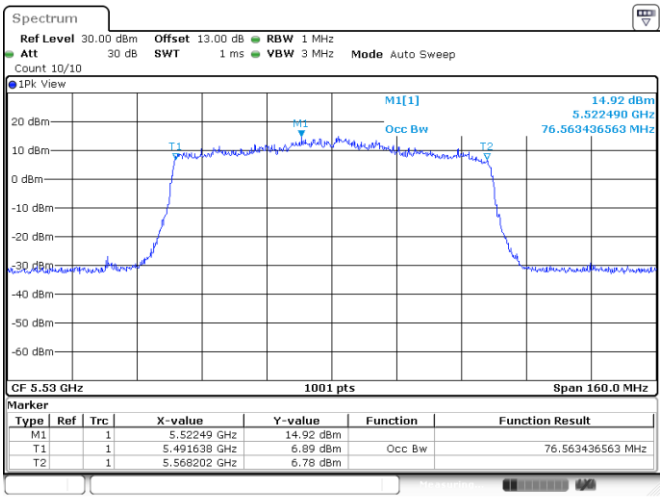
Channel 42



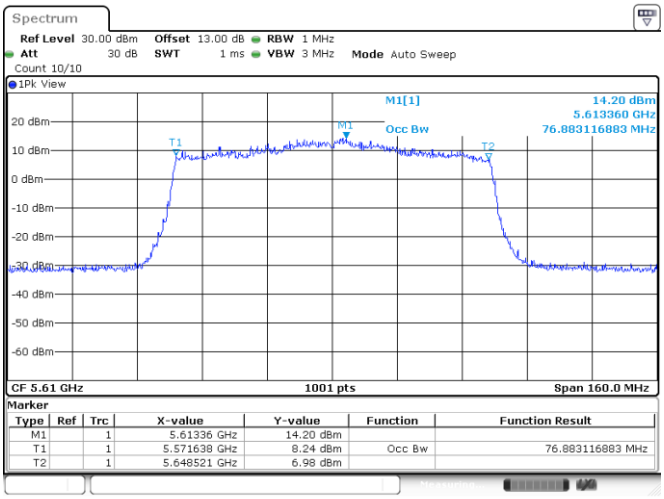
Channel 58



Channel 106

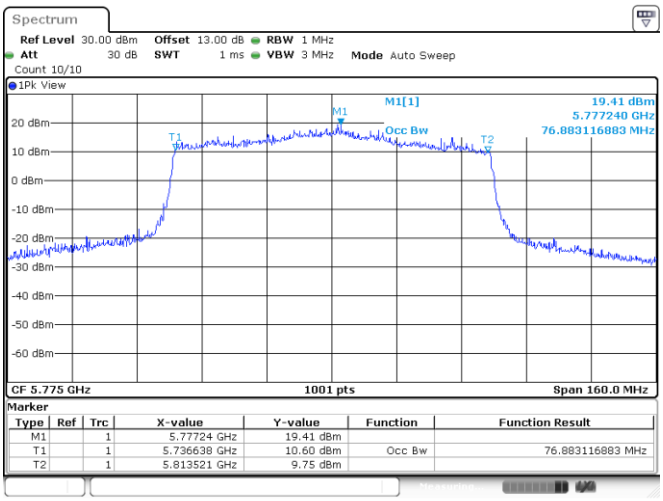


Channel 122



802.11ax HE80

Channel 155



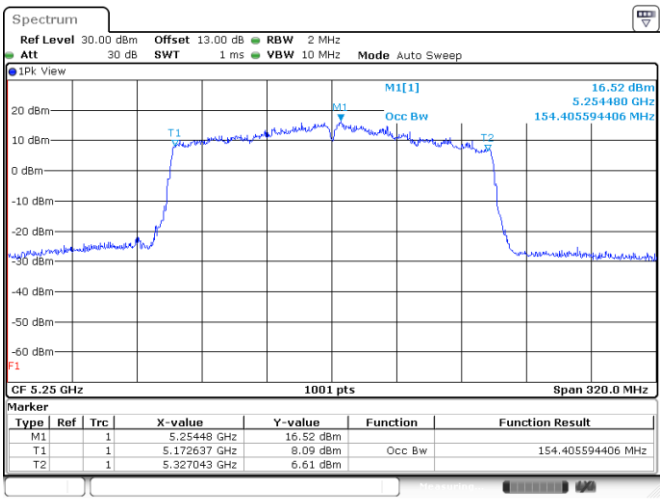
802.11ax HE160

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	50	5250	77.36	77.36
U-NII-2A	50	5250	77.04	77.04
U-NII-2C	114	5570	154.73	155.36

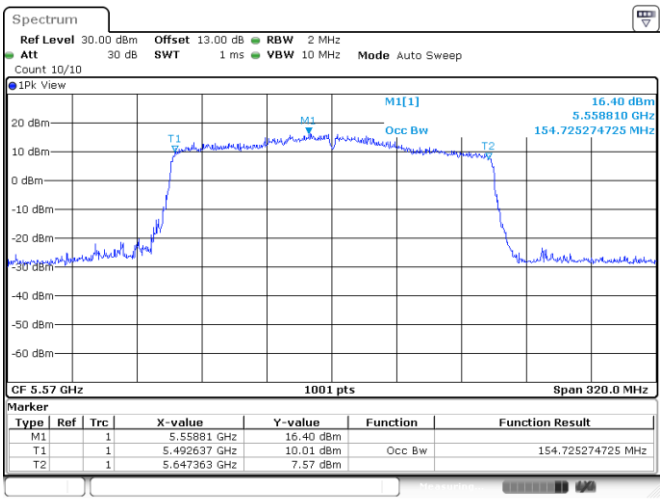
<Chain 0>

802.11ax HE160

Channel 50



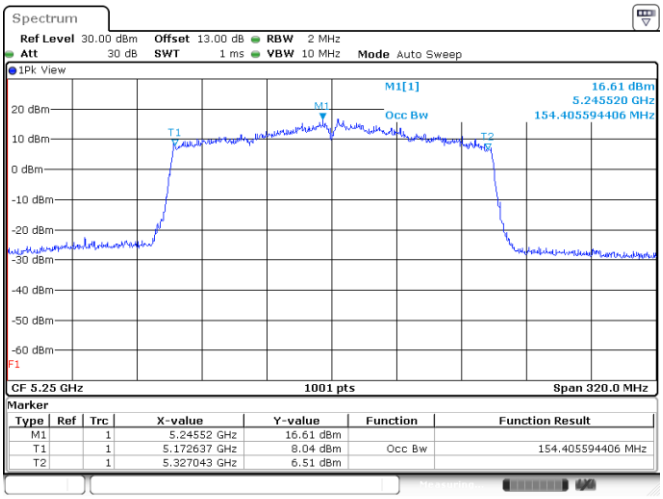
Channel 114



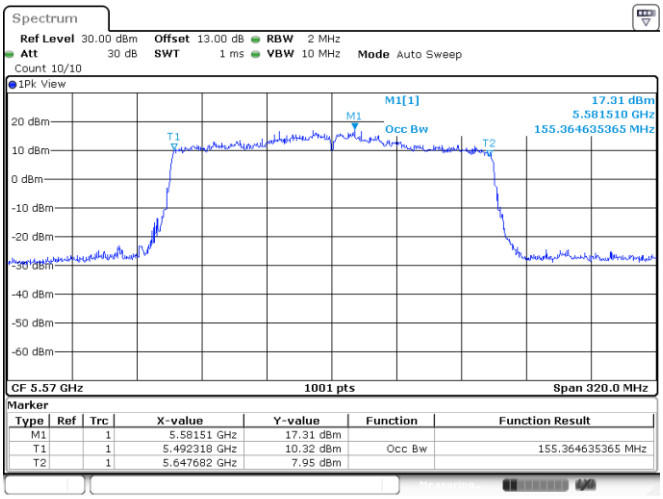
<Chain 1>

802.11ax HE160

Channel 50



Channel 114



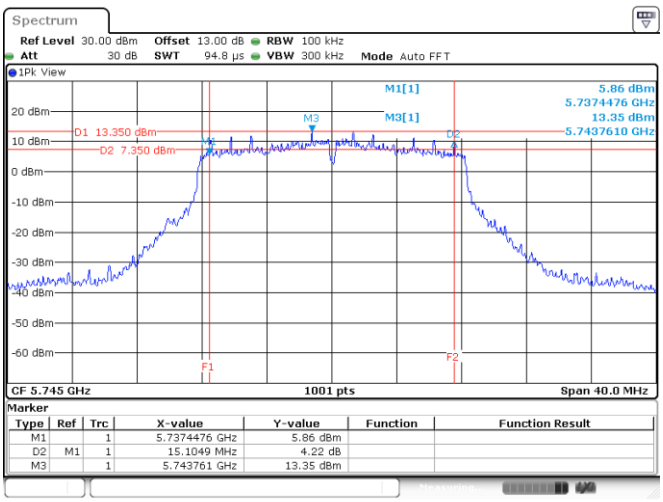
Test Result of 6 dB Bandwidth

802.11a

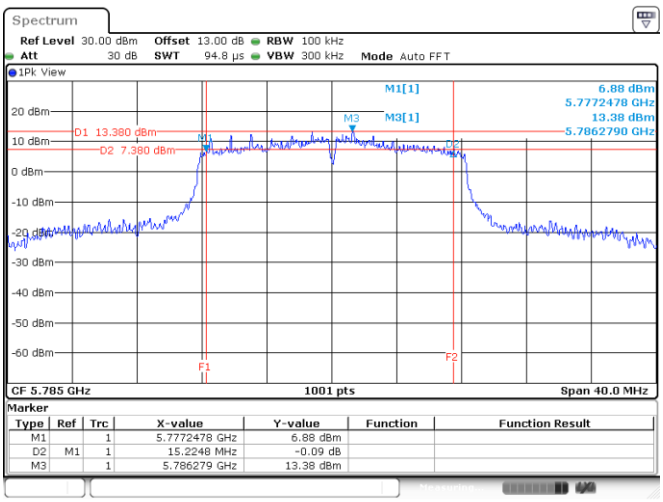
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	149	5745	15.10	15.10
	157	5785	15.22	15.10
	165	5825	15.10	15.06

<Chain 0>

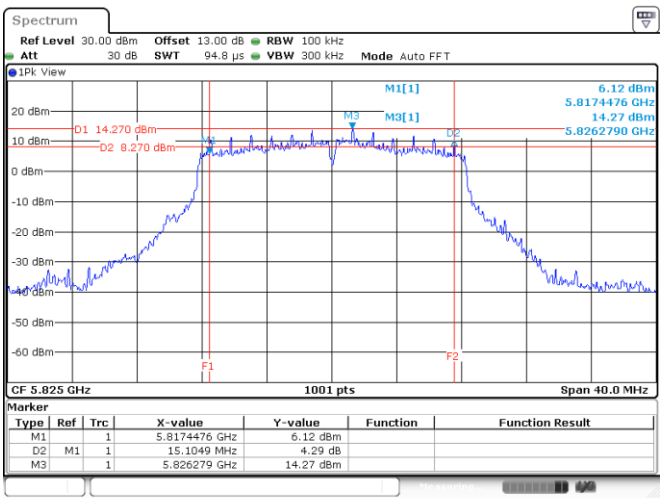
Channel 149



Channel 157

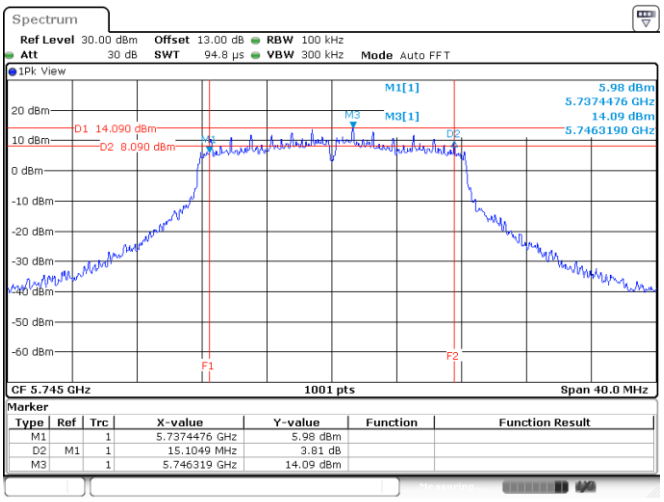


Channel 165

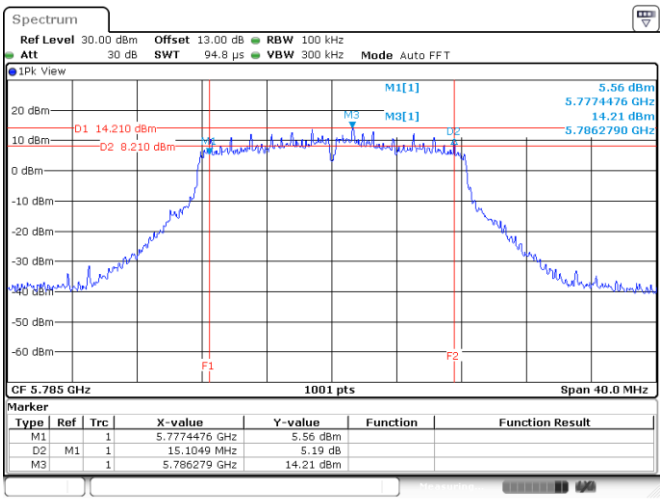


<Chain 1>

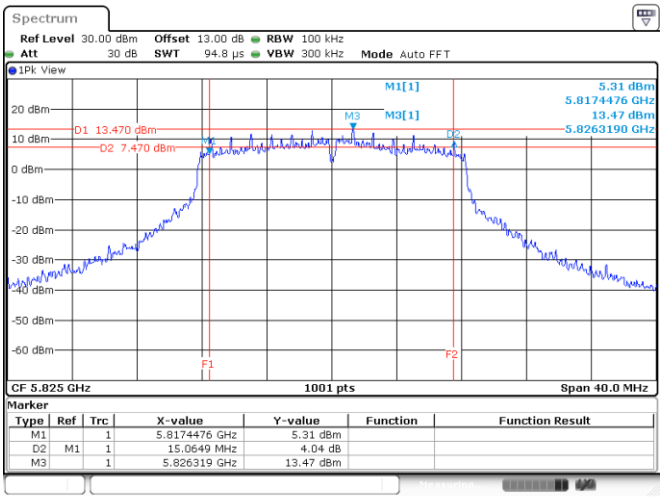
Channel 149



Channel 157



Channel 165

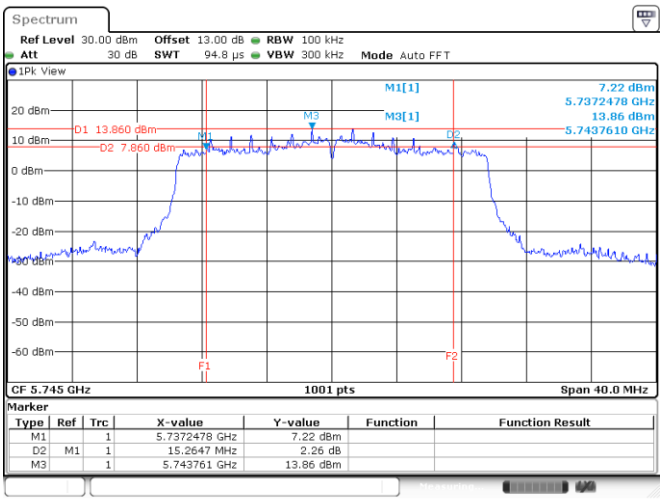


802.11ax HE20

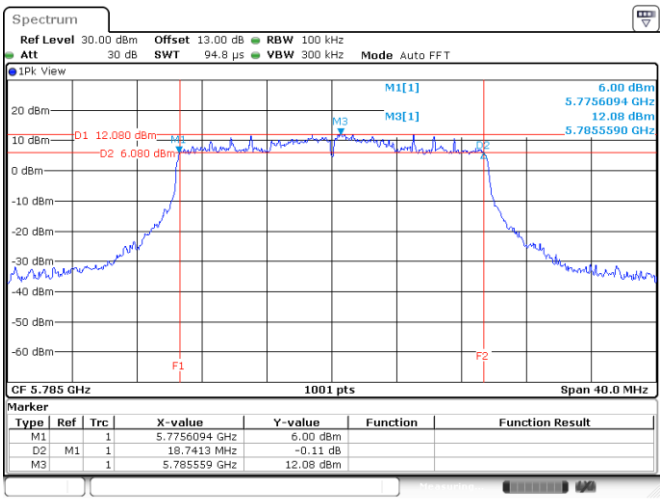
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	149	5745	15.26	13.95
	157	5785	18.74	14.59
	165	5825	15.94	14.99

<Chain 0>

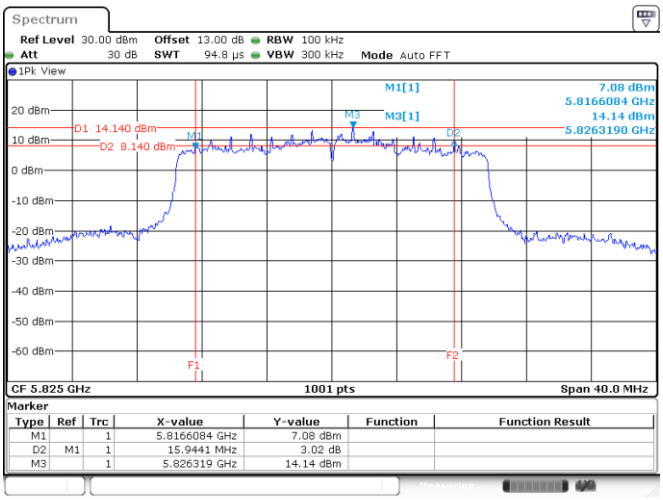
Channel 149



Channel 157

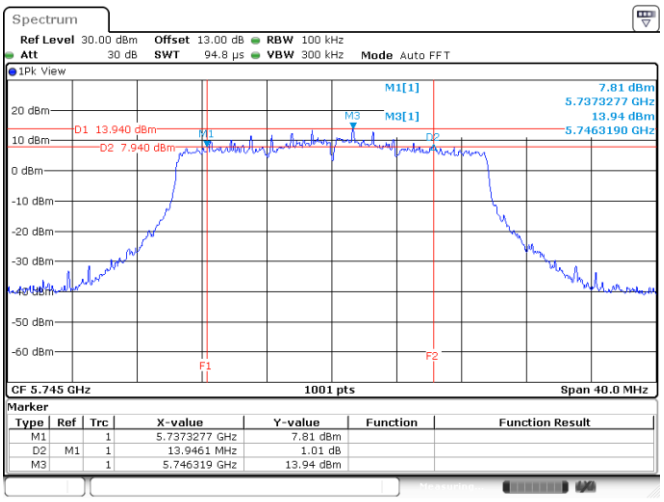


Channel 165

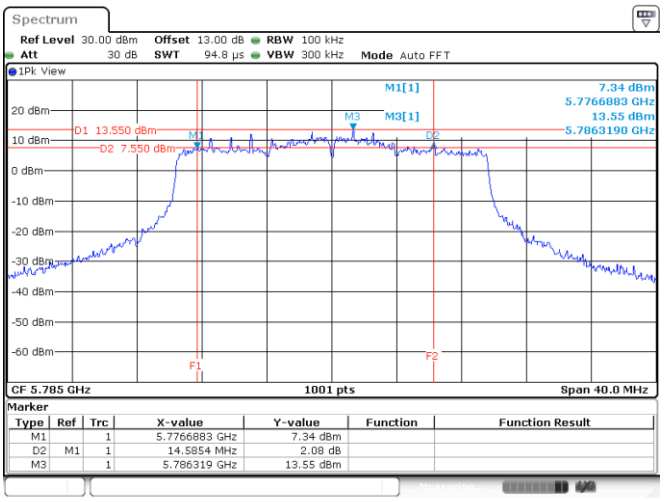


<Chain 1>

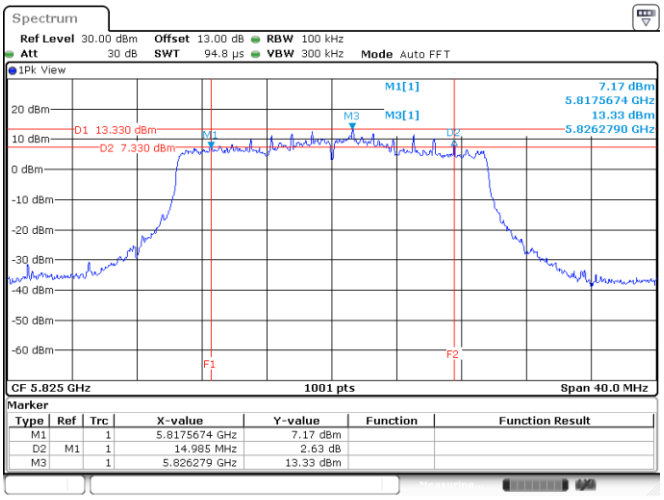
Channel 149



Channel 157



Channel 165

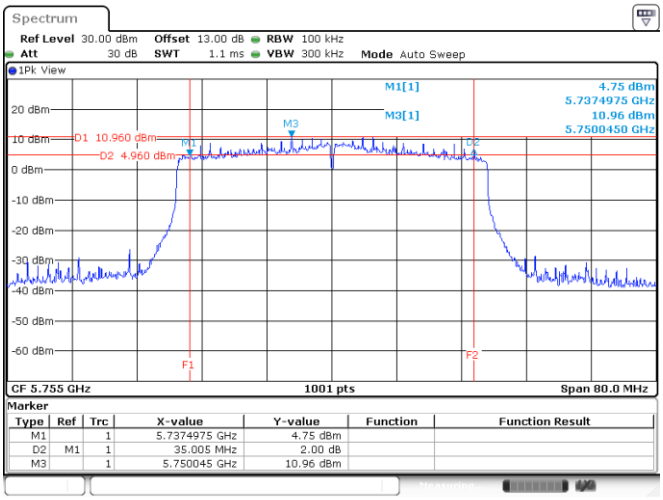


802.11ax HE40

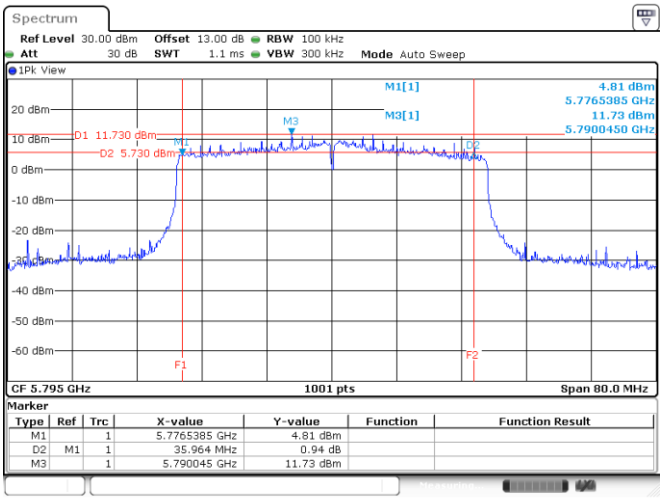
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	151	5755	35.01	35.01
	159	5795	35.96	35.88

<Chain 0>

Channel 151

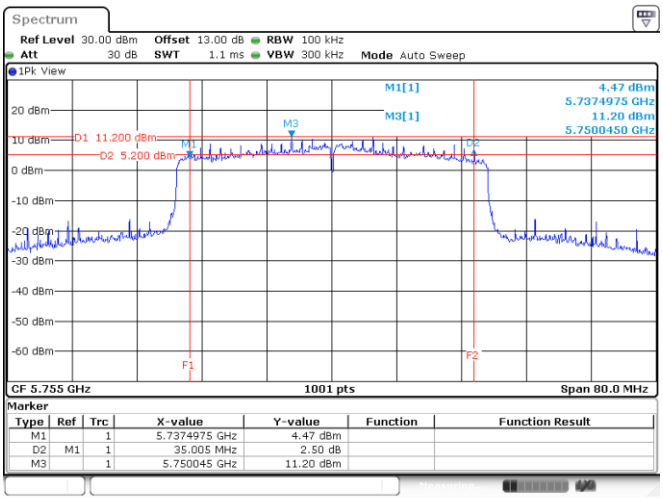


Channel 159

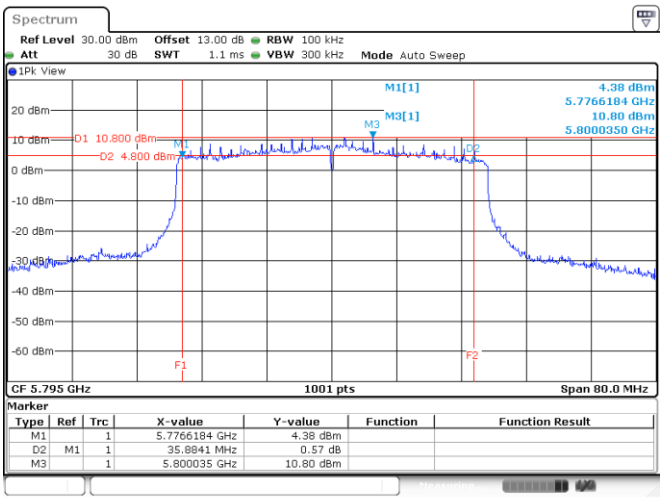


<Chain 1>

Channel 151



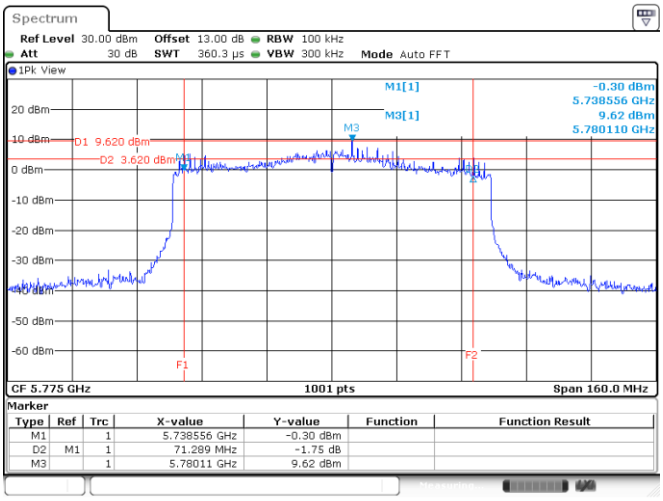
Channel 159



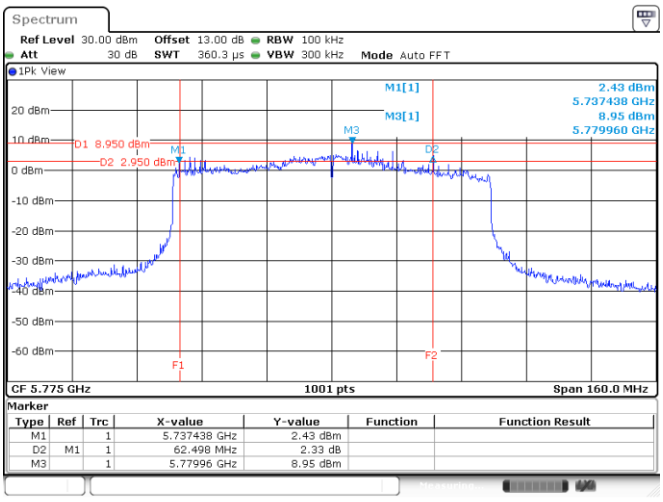
802.11ax HE80

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-3	155	5775	71.29	62.50

<Chain 0>

Channel 155	
	

<Chain 1>

Channel 155	
	

Test Result of Power Spectral Density

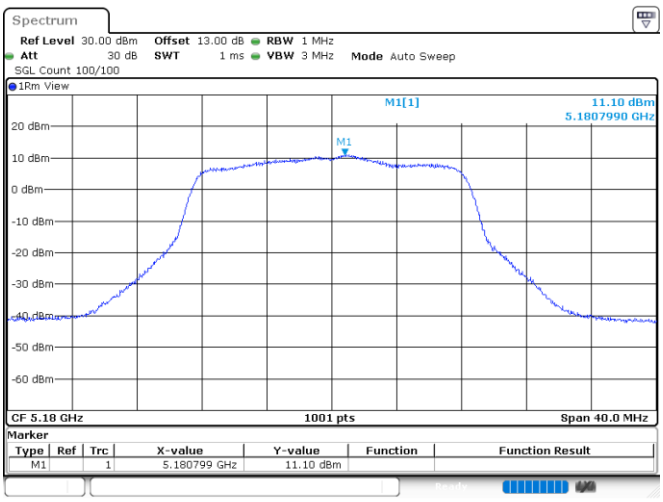
802.11a

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	36	5180	11.10	10.93	14.29	14.78	Pass
	40	5200	11.28	11.39	14.61	14.78	Pass
	48	5240	11.58	11.05	14.60	14.78	Pass
U-NII-2A	52	5260	5.23	4.85	8.32	8.78	Pass
	60	5300	5.49	5.20	8.62	8.78	Pass
	64	5320	5.05	5.06	8.33	8.78	Pass
U-NII-2C	100	5500	4.74	4.64	7.97	8.68	Pass
	116	5580	4.93	4.73	8.11	8.68	Pass
	140	5700	4.80	5.11	8.23	8.68	Pass

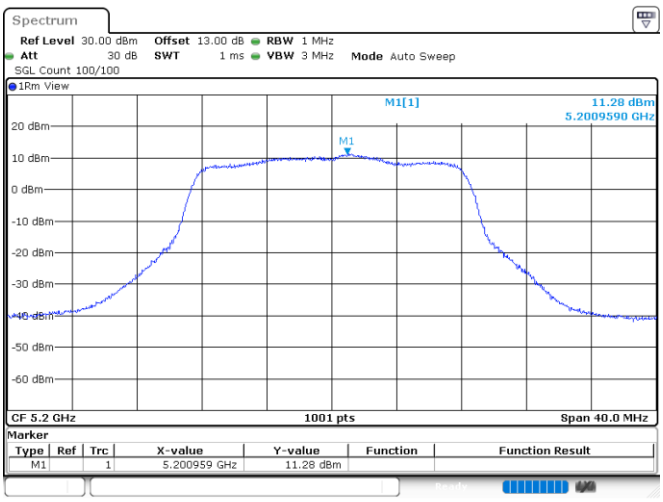
<Chain 0>

802.11a

Channel 36

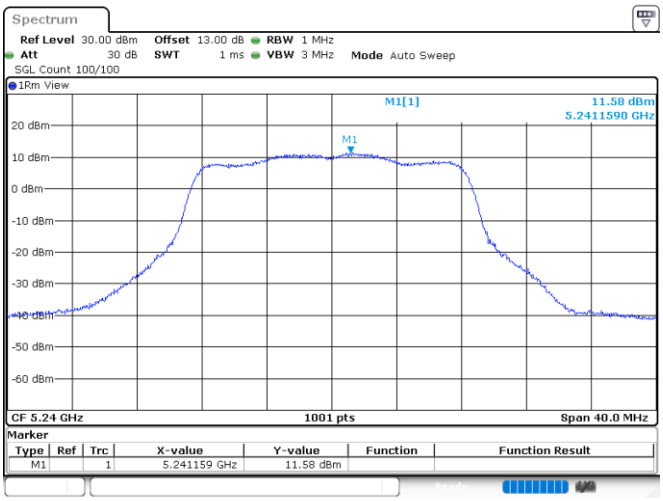


Channel 40

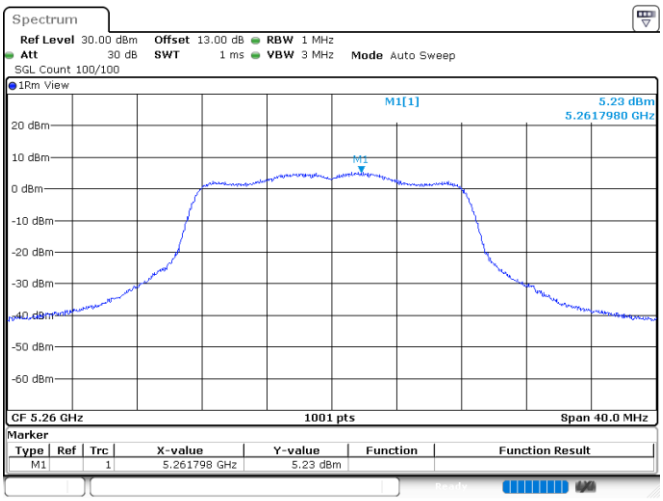


802.11a

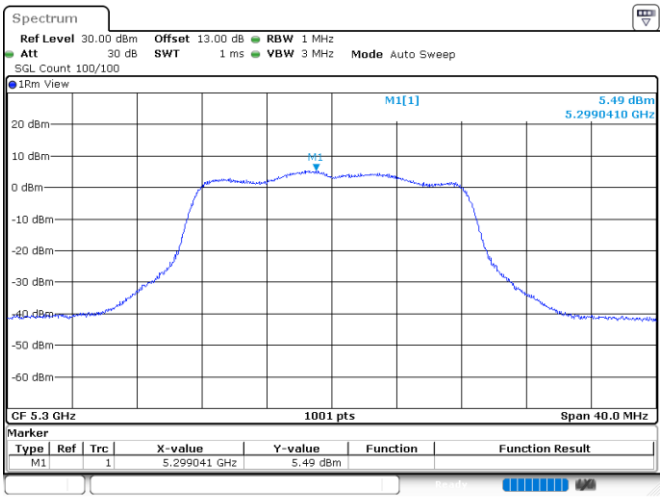
Channel 48



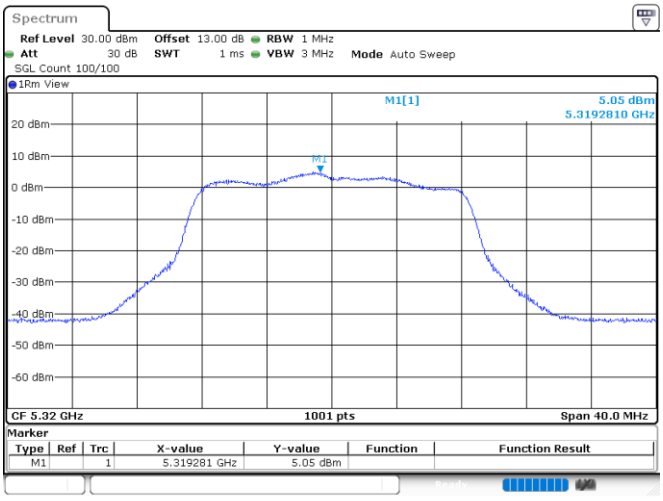
Channel 52



Channel 60

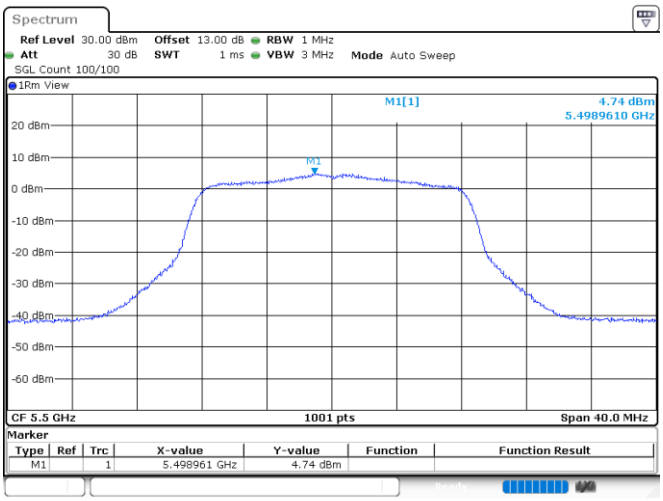


Channel 64

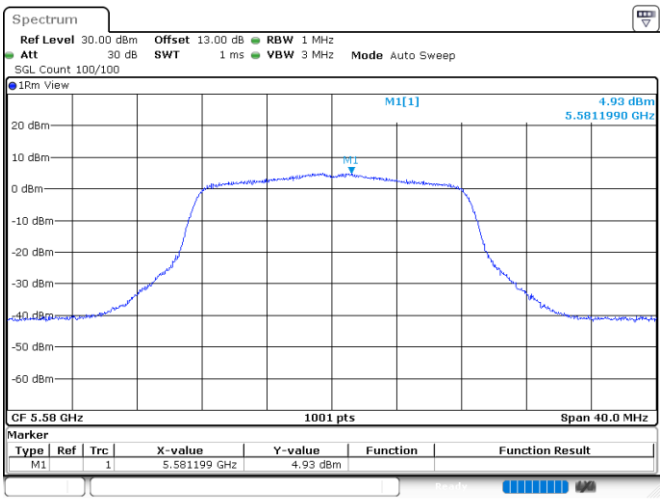


802.11a

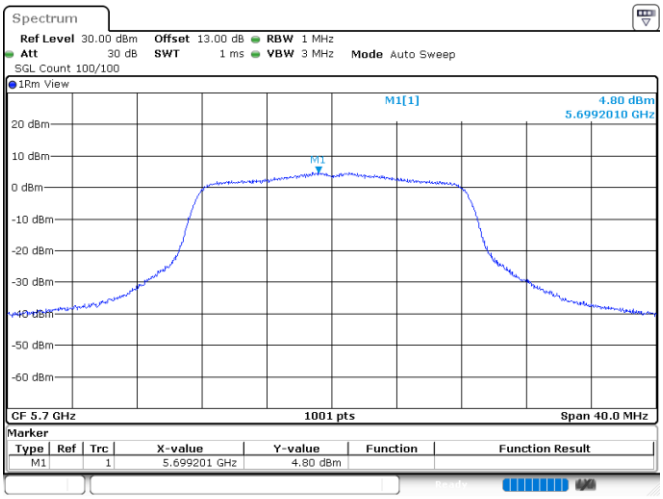
Channel 100



Channel 116



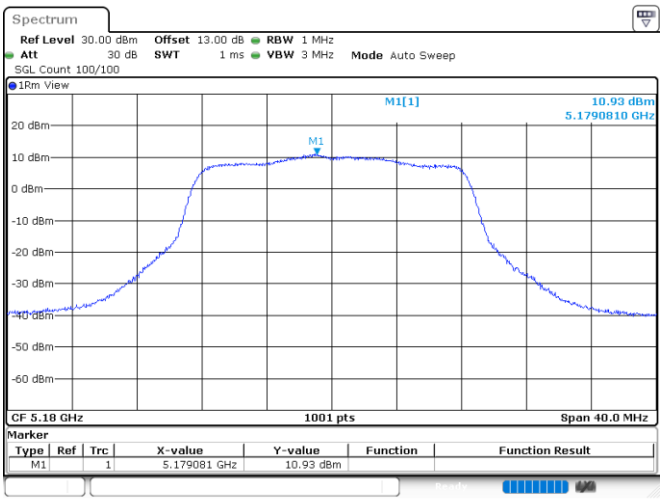
Channel 140



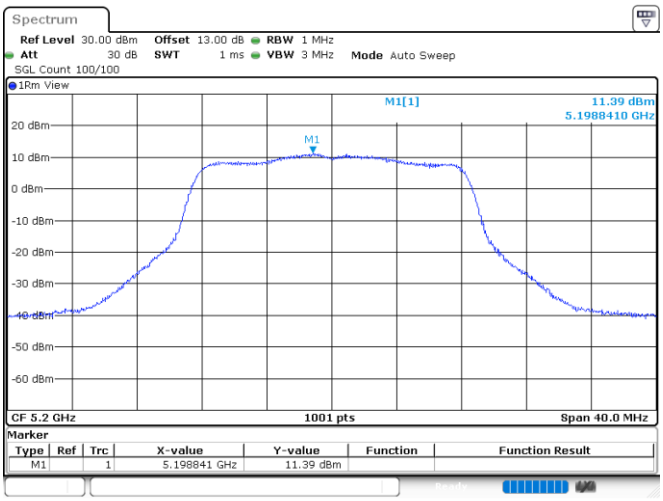
<Chain 1>

802.11a

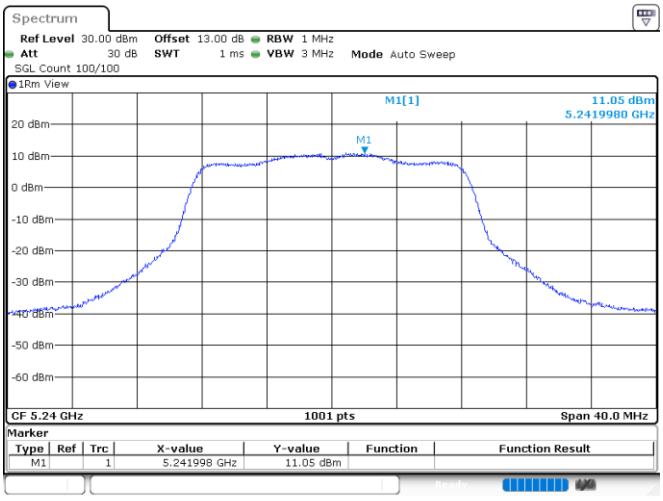
Channel 36



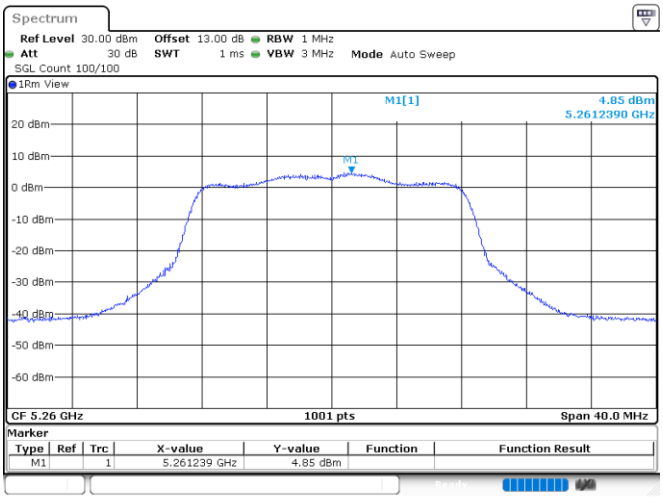
Channel 40



Channel 48

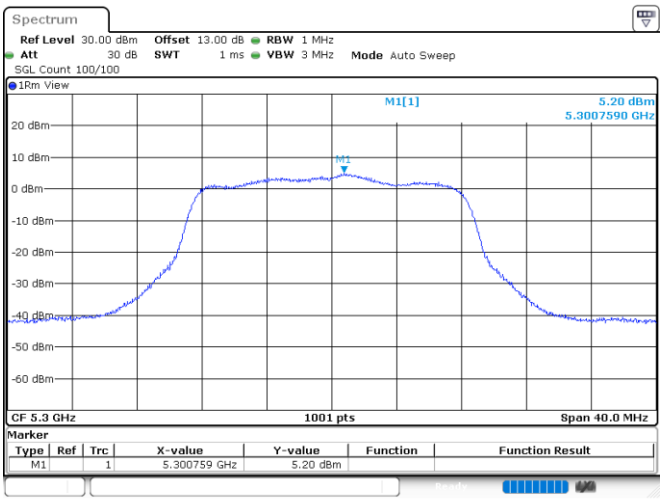


Channel 52

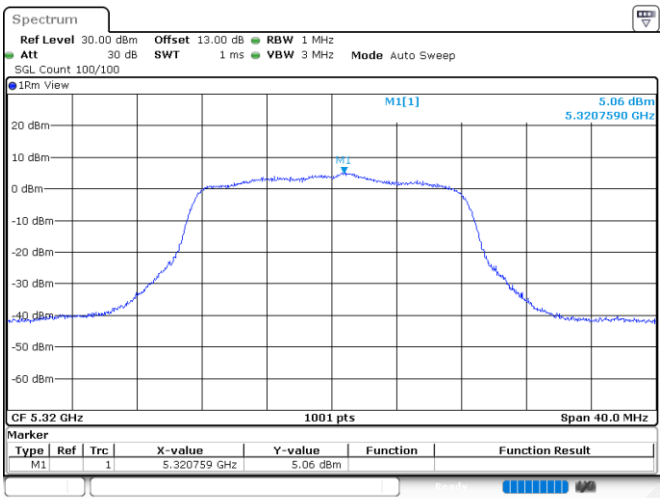


802.11a

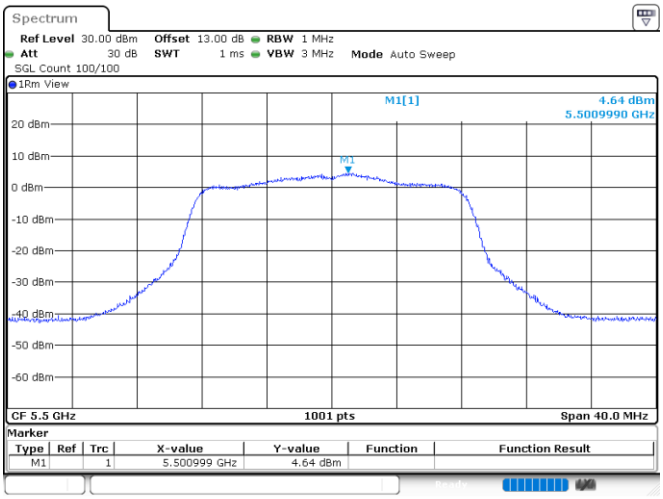
Channel 60



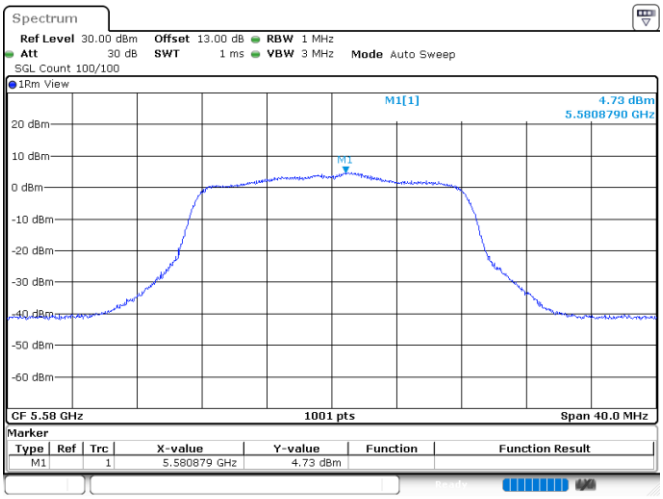
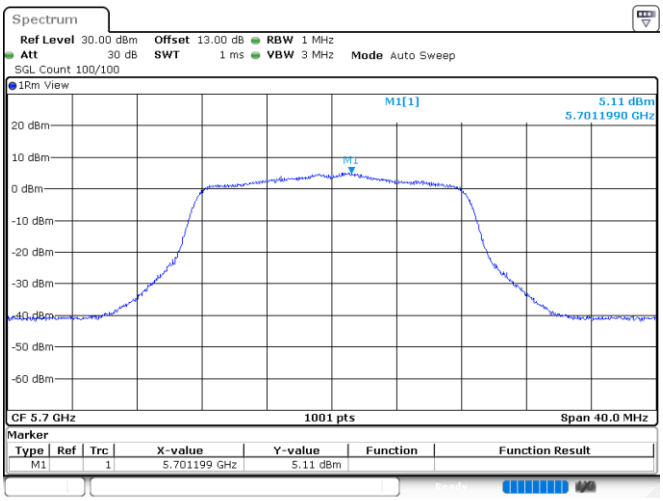
Channel 64



Channel 100



Channel 116



802.11a	
Channel 140