Appendix Data

1. MINIMUM 6 DB BANDWIDTH.....1

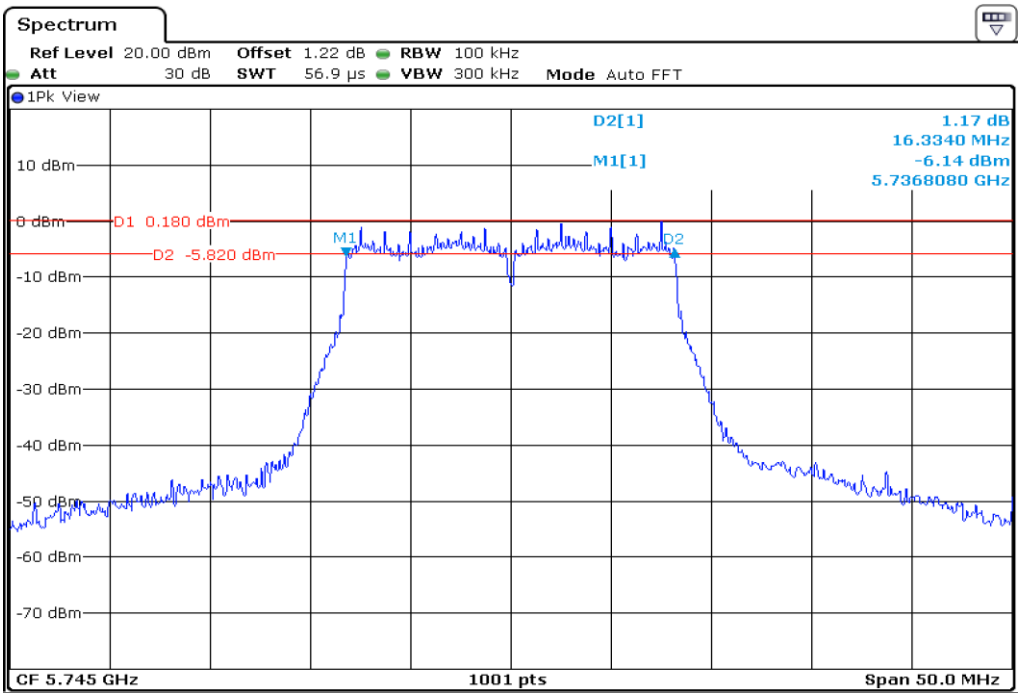
2. MIMIMUM 26 DB BANDWIDTH.....22

3. 99% OCCUPIED BANDWIDTH.....86

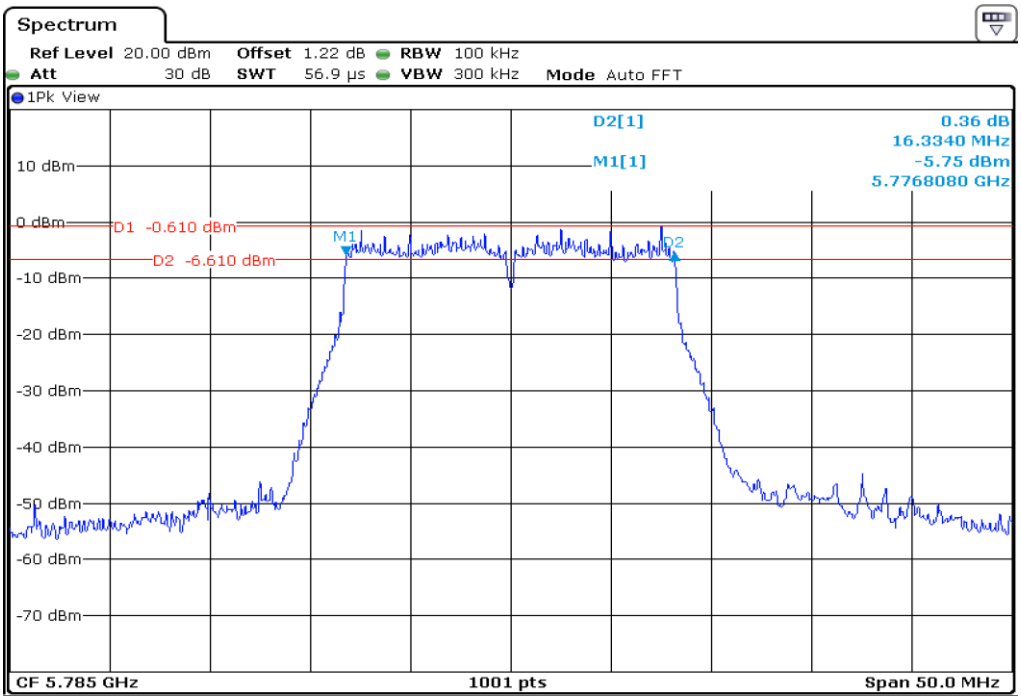
4. PEAK POWER SPECTRAL DENSITY.....144

5. MAXIMUM CONDUCTED OUTPUT POWER(STADDLE CHANNEL).....212

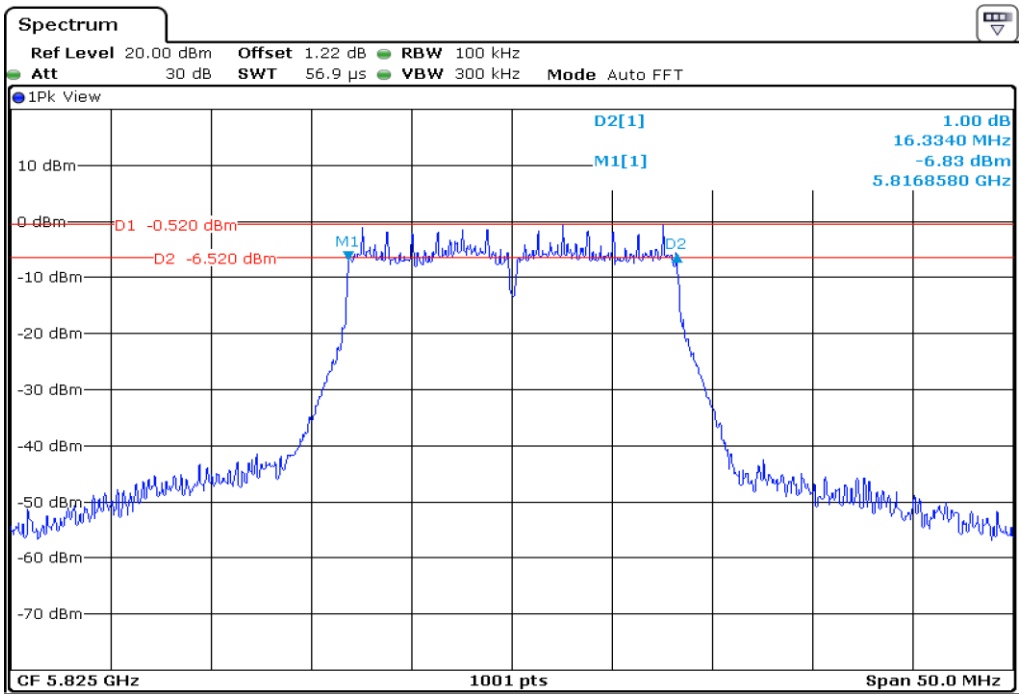
Test Band				WLAN_UNII3			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
6 dB Bandwidth	1	802.11 a	149	20 MHz	-	-	Pass
	2	802.11 a	157	20 MHz	-	-	Pass
	3	802.11 a	165	20 MHz	-	-	Pass
	4	802.11 n20	149	20 MHz	-	-	Pass
	5	802.11 n20	157	20 MHz	-	-	Pass
	6	802.11 n20	165	20 MHz	-	-	Pass
	7	802.11 n40	151	40 MHz	-	-	Pass
	8	802.11 n40	159	40 MHz	-	-	Pass
	9	802.11 ac80	155	80 MHz	-	-	Pass



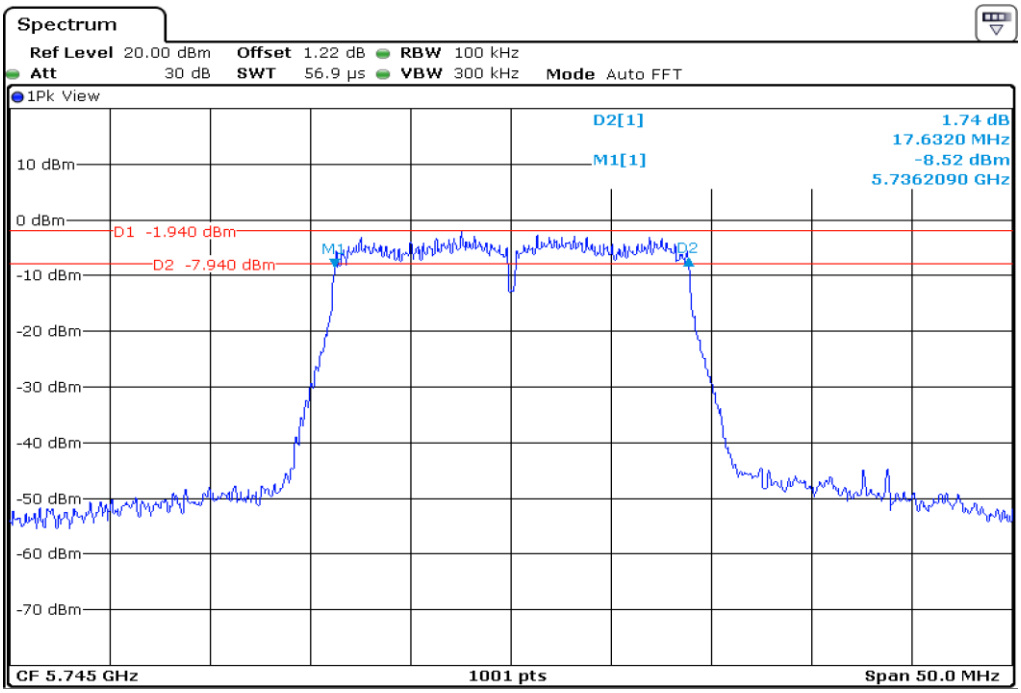
1	6 dB Bandwitdh



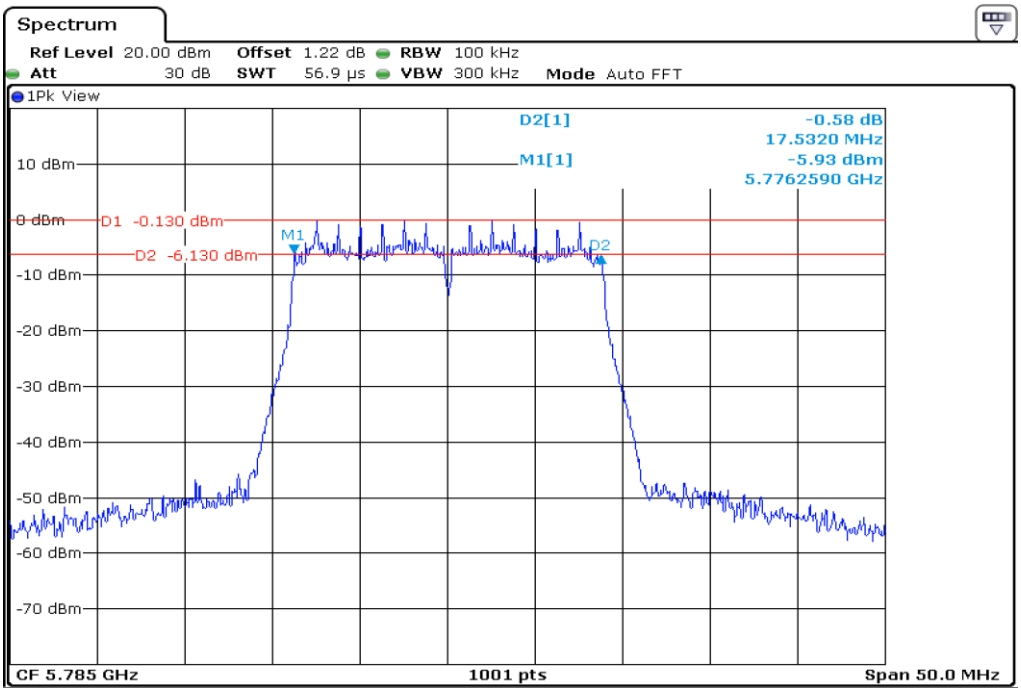
2	6 dB Bandwitdh



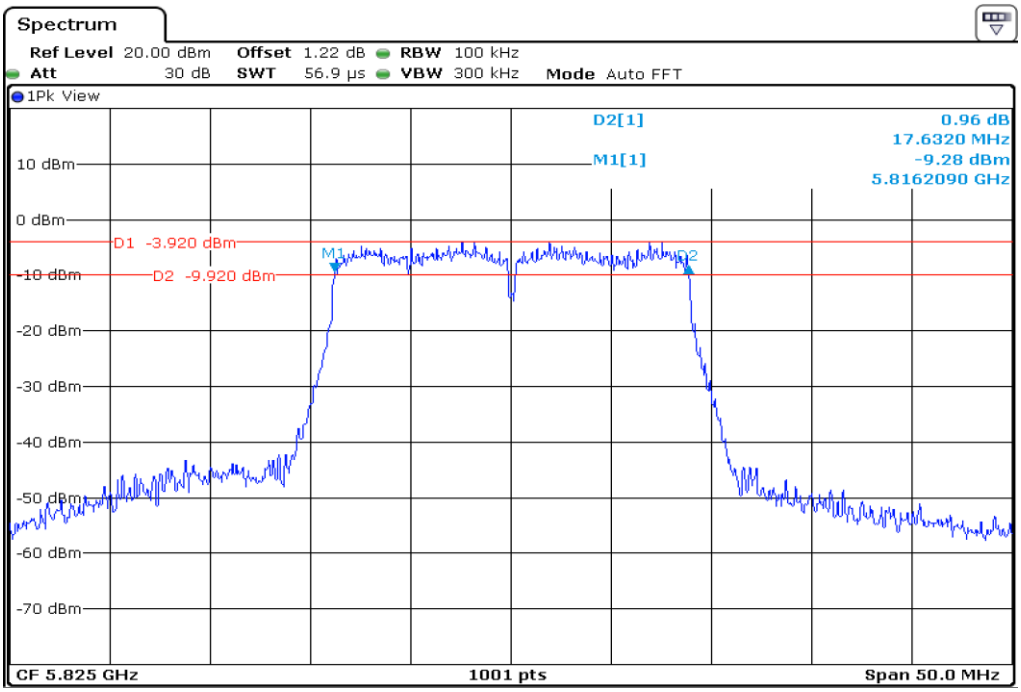
3	**6 dB Bandwitdh**



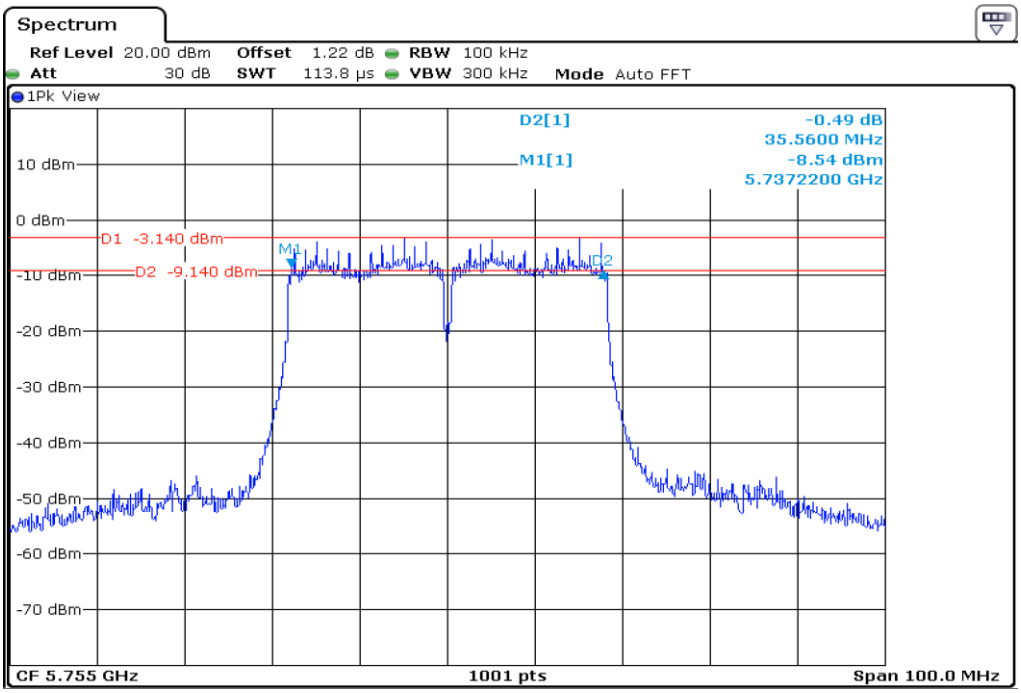
4	6 dB Bandwitdh



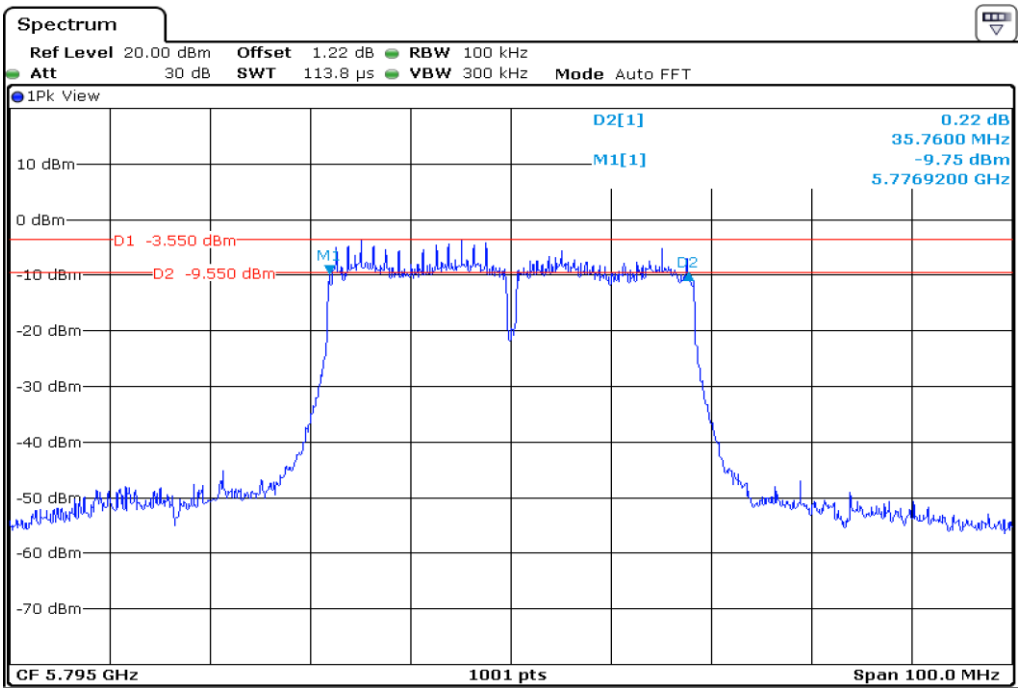
5	6 dB Bandwitdh



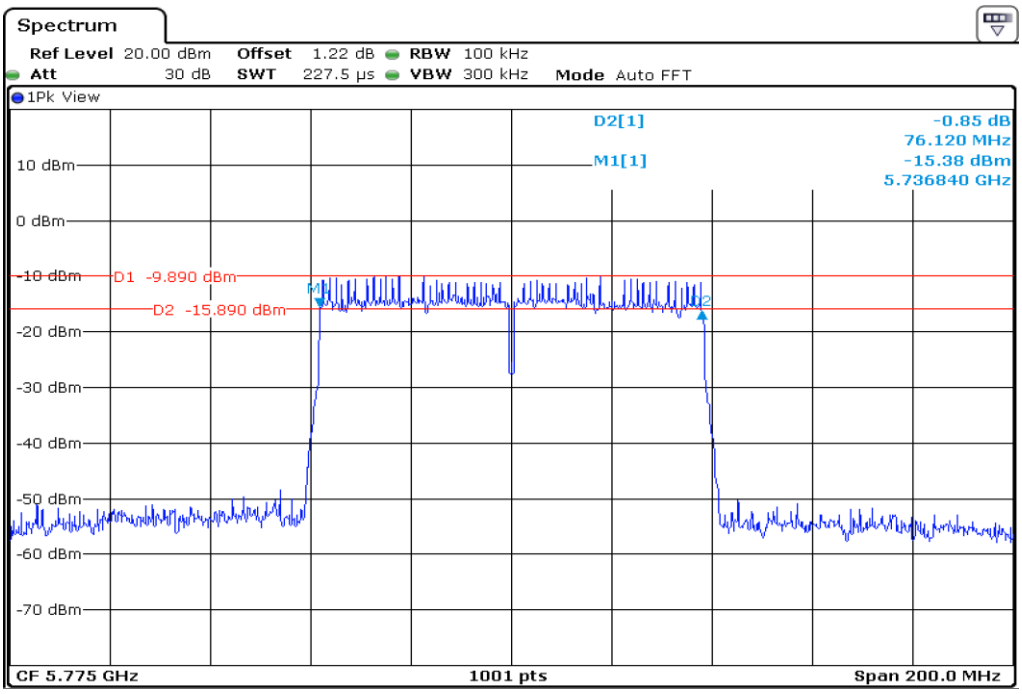
6	6 dB Bandwitdh



7	6 dB Bandwitdh

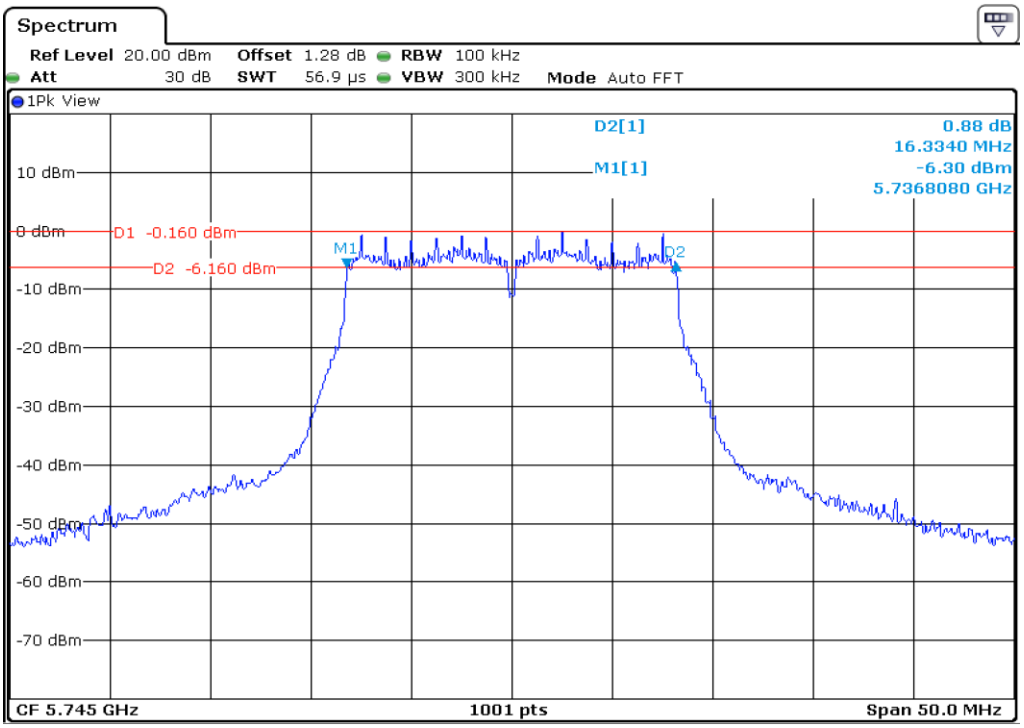


8	6 dB Bandwitdh

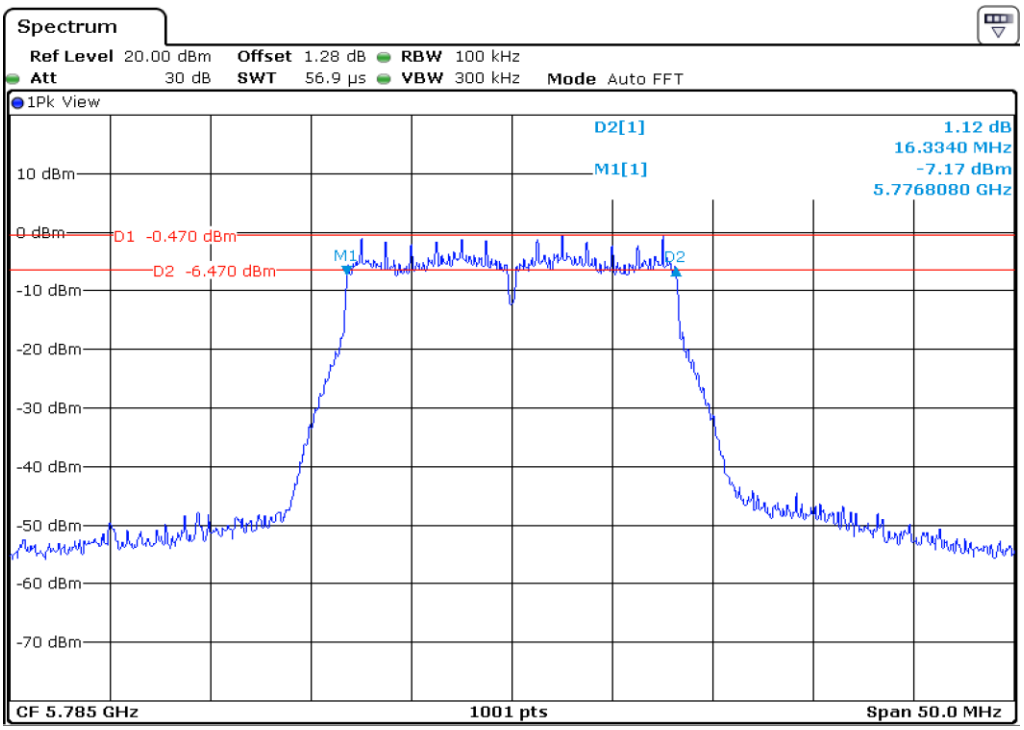


9	6 dB Bandwitdh

Test Band				WLAN_UNII3			
Antenna				Ant 1			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
6 dB Bandwidth	1	802.11 a	149	20 MHz	-	-	Pass
	2	802.11 a	157	20 MHz	-	-	Pass
	3	802.11 a	165	20 MHz	-	-	Pass
	4	802.11 n20	149	20 MHz	-	-	Pass
	5	802.11 n20	157	20 MHz	-	-	Pass
	6	802.11 n20	165	20 MHz	-	-	Pass
	7	802.11 n40	151	40 MHz	-	-	Pass
	8	802.11 n40	159	40 MHz	-	-	Pass
	9	802.11 ac80	155	80 MHz	-	-	Pass



1	6 dB Bandwitdh



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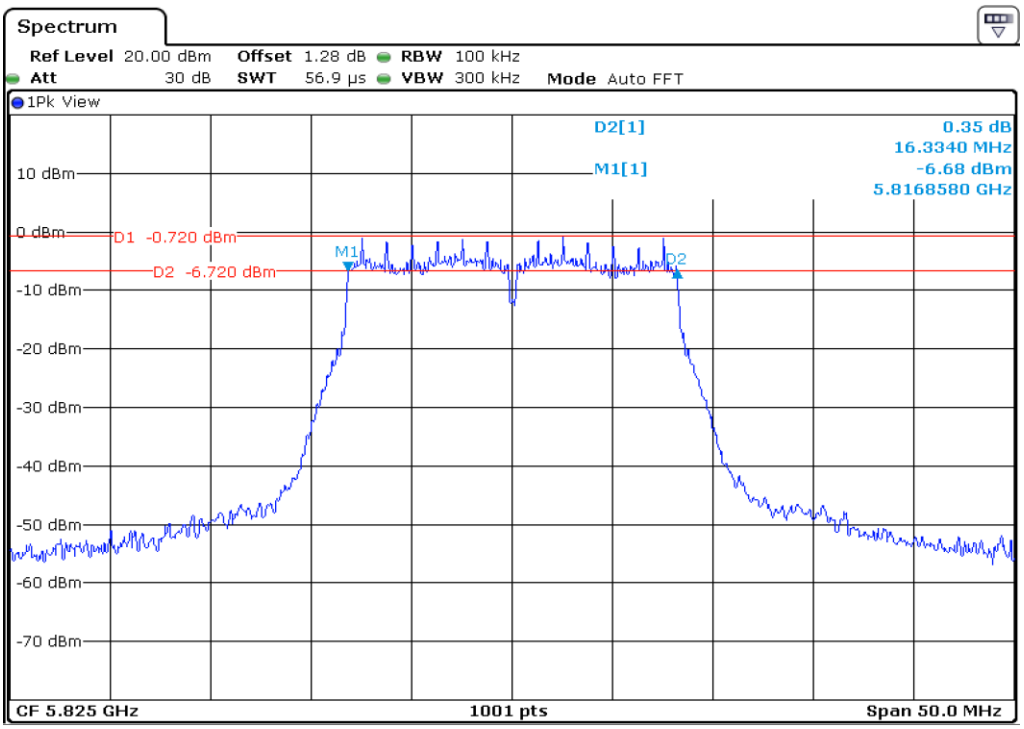
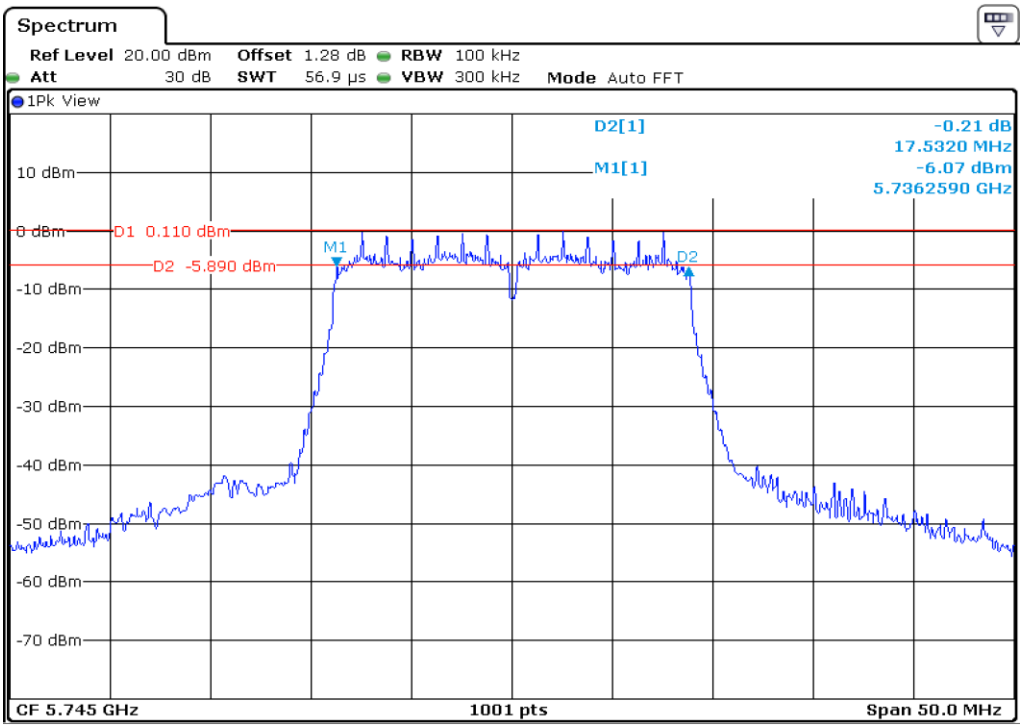
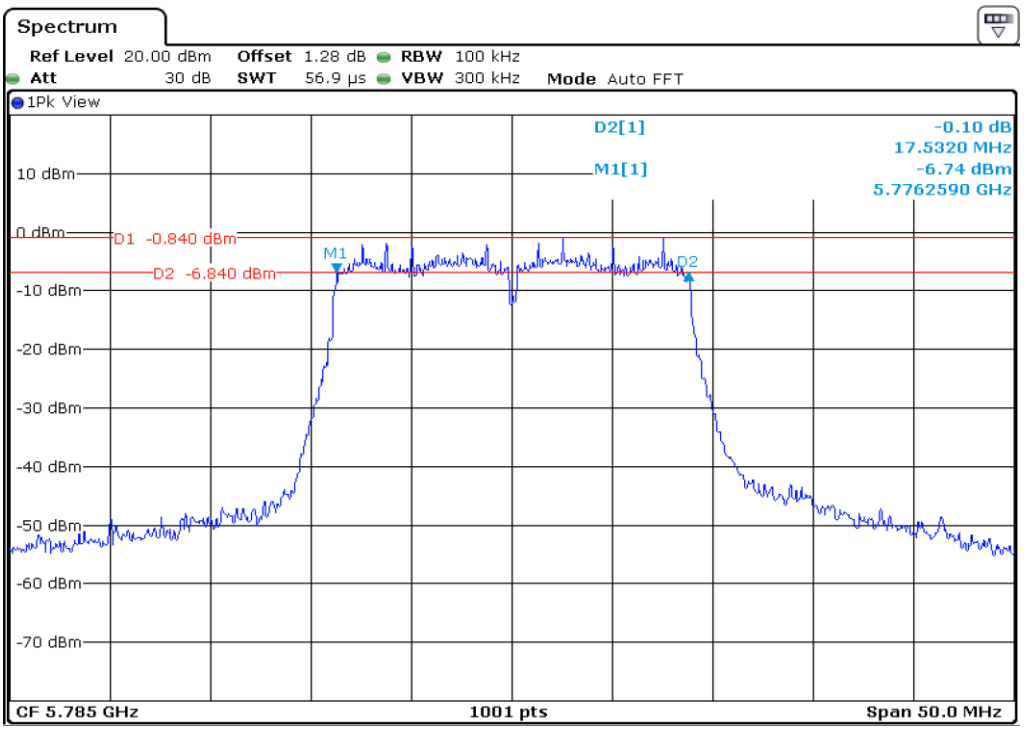


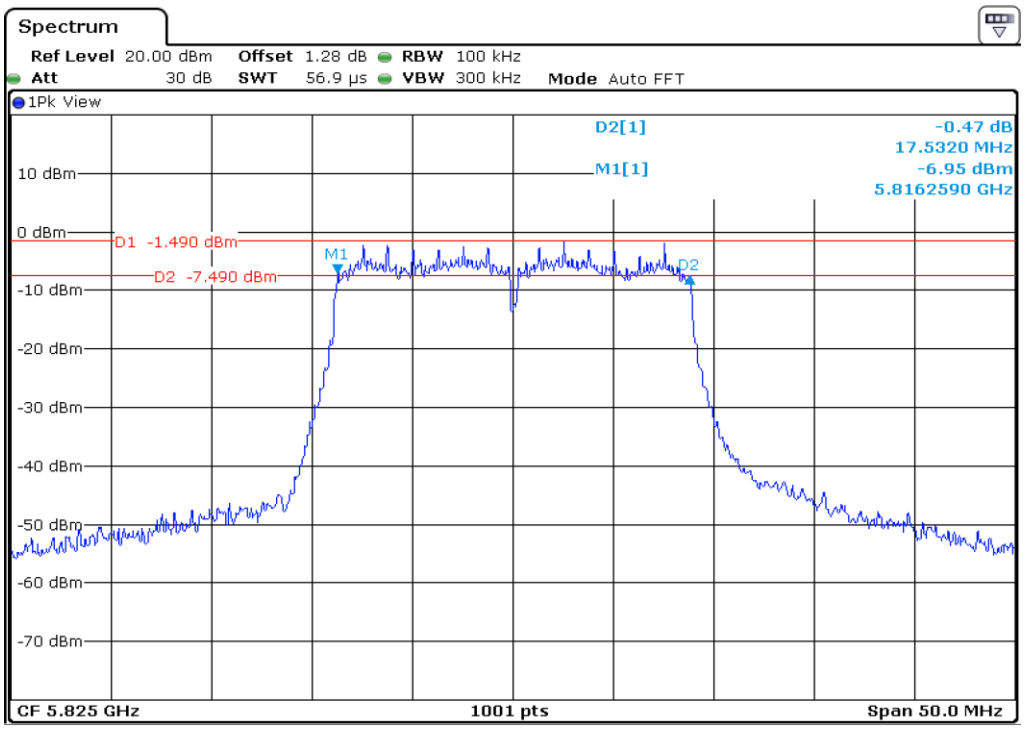
3	6 dB Bandwitdh



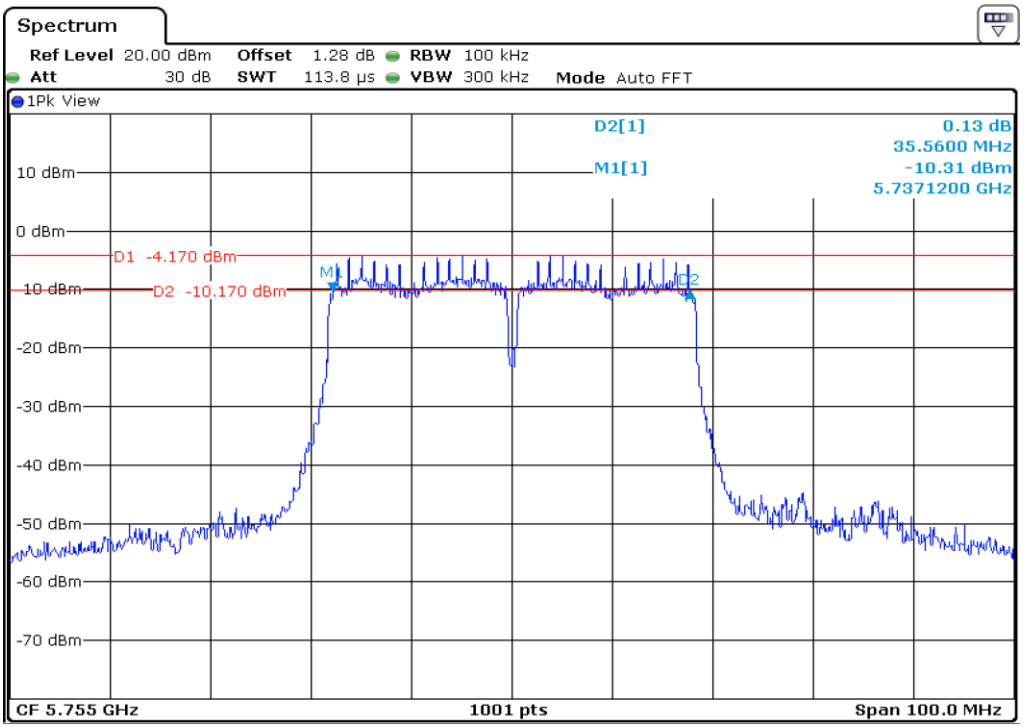
4	6 dB Bandwitdh



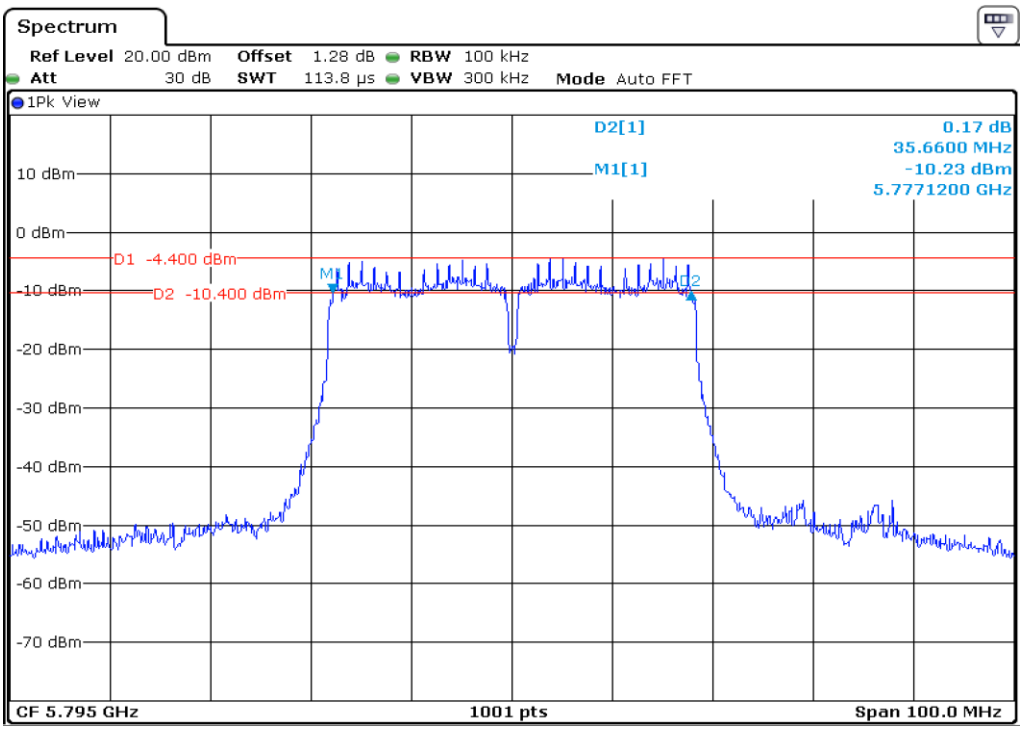
5	6 dB Bandwitdh



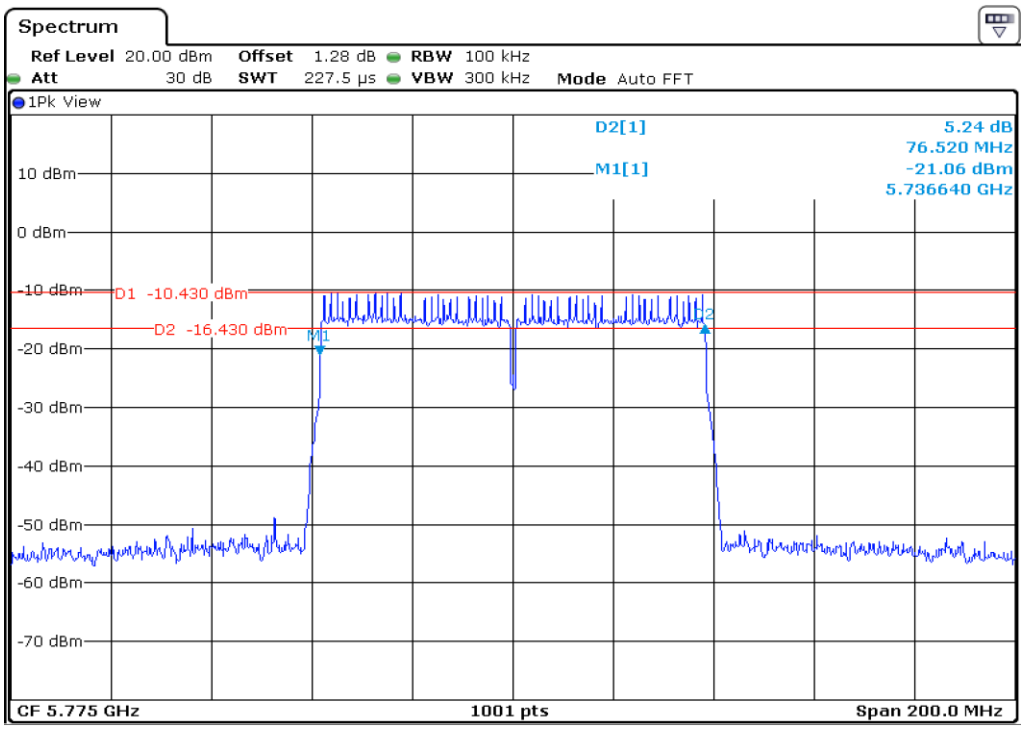
6	6 dB Bandwitdh



7	6 dB Bandwitdh

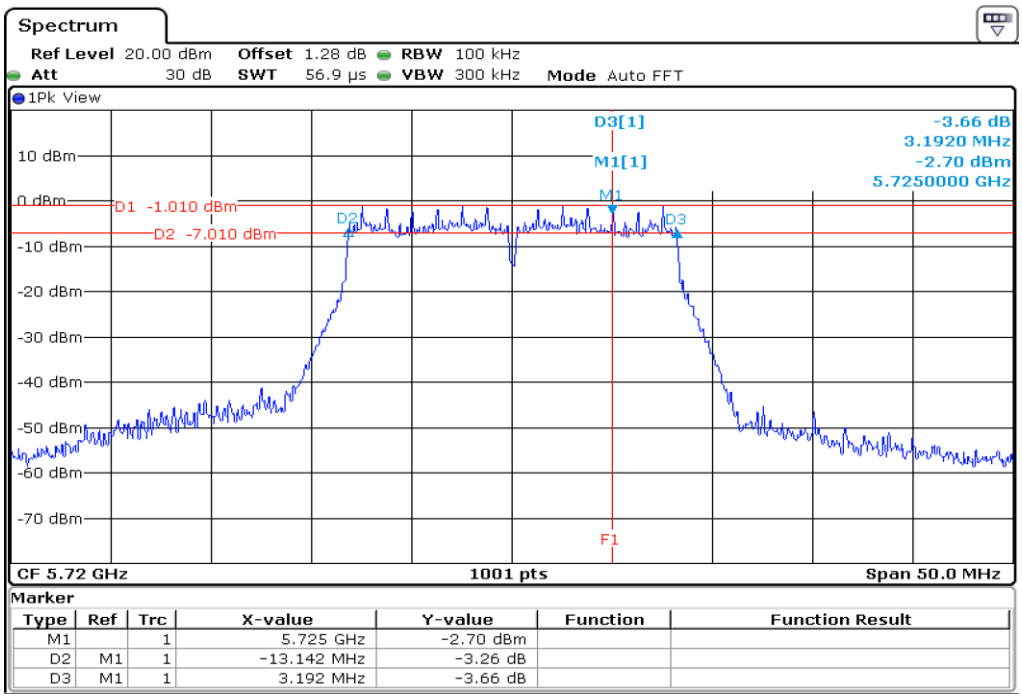


8	6 dB Bandwitdh

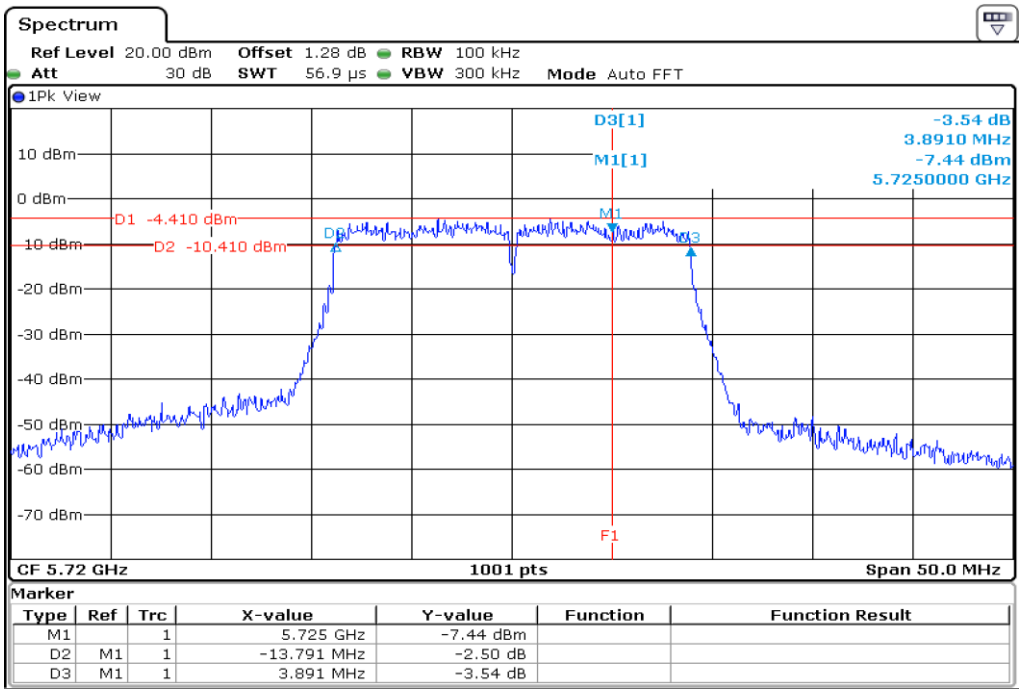


9	6 dB Bandwitdh

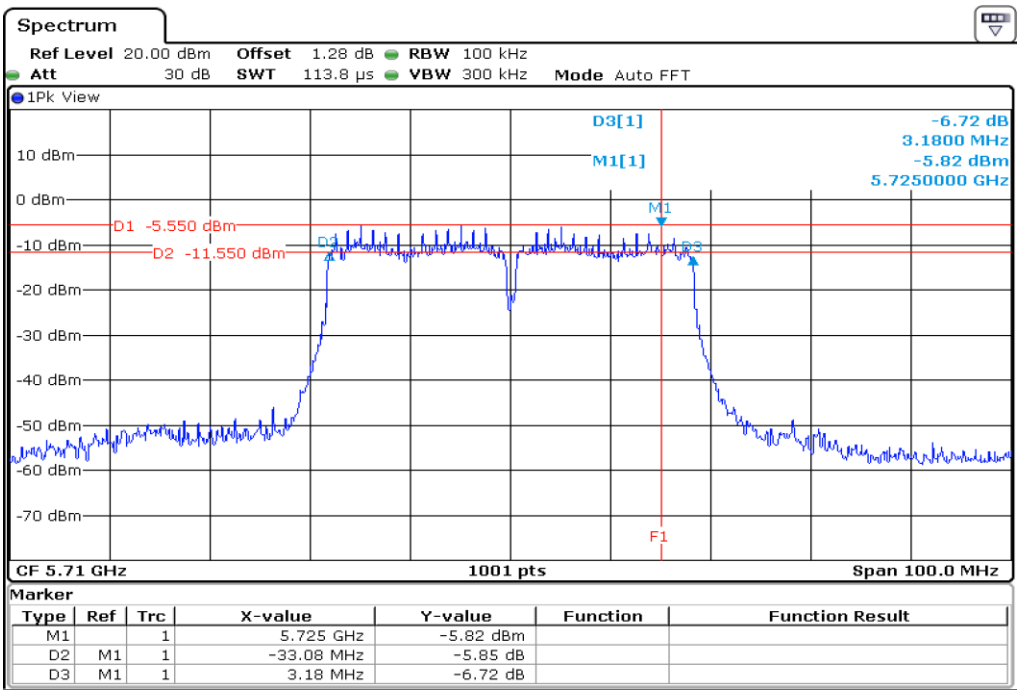
Test Band				WLAN_UNII2C / UNII3			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
Straddle 6 dB Bandwidth	1	802.11 a	144	20 MHz	-	-	Pass
	2	802.11 n20	144	20 MHz	-	-	Pass
	3	802.11 n40	142	40 MHz	-	-	Pass
	4	802.11 ac80	138	80 MHz	-	-	Pass



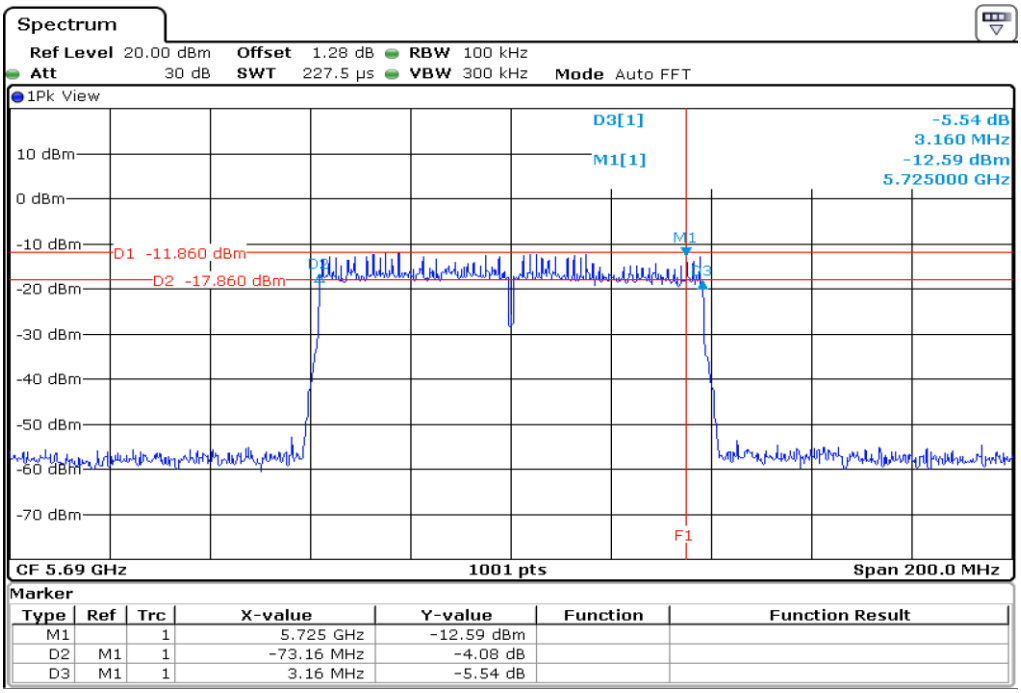
1	Starddle 6 dB Bandwitdh



2	Starddle 6 dB Bandwitdh

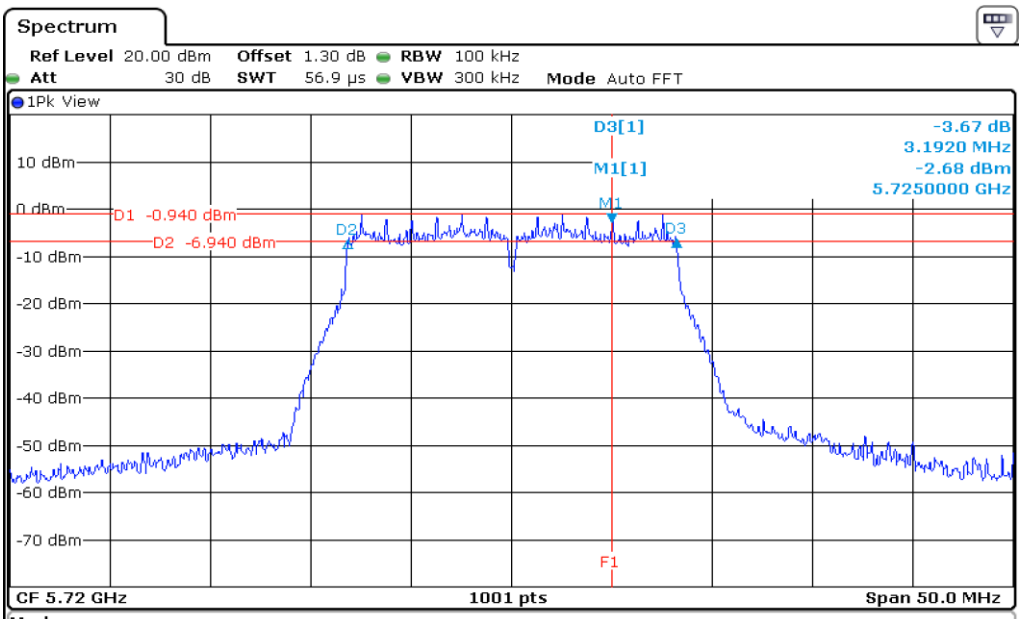


3	Starddle 6 dB Bandwitdh



4	Starddle 6 dB Bandwitdh

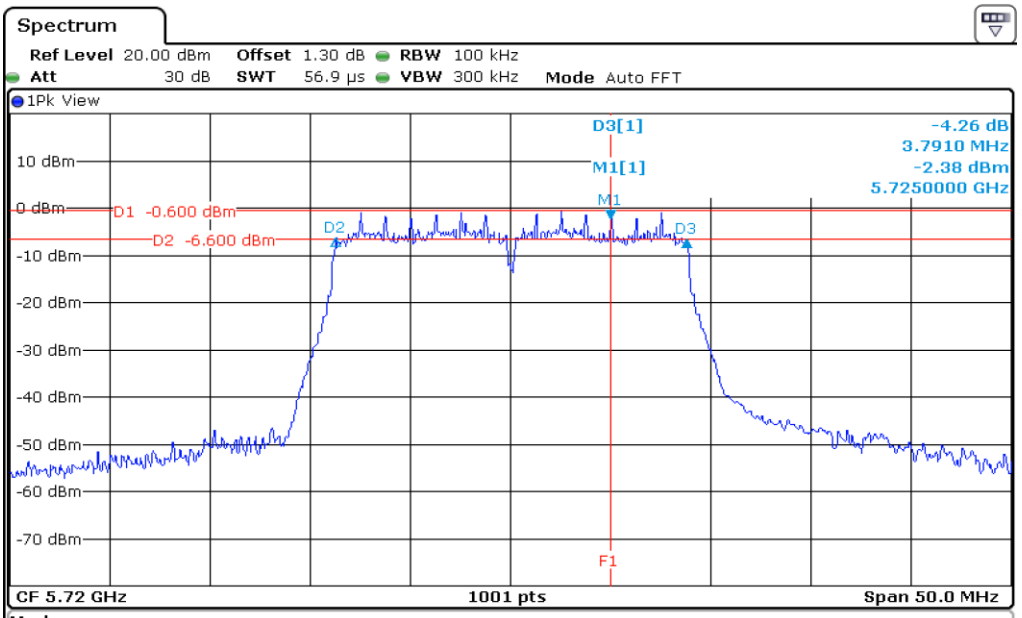
Test Band				WLAN_UNII2C / UNII3			
Antenna				Ant 1			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
Straddle 6 dB Bandwidth	1	802.11 a	144	20 MHz	-	-	Pass
	2	802.11 n20	144	20 MHz	-	-	Pass
	3	802.11 n40	142	40 MHz	-	-	Pass
	4	802.11 ac80	138	80 MHz	-	-	Pass



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.725 GHz	-2.68 dBm		
D2	M1	1	-13.142 MHz	-3.89 dB		
D3	M1	1	3.192 MHz	-3.67 dB		

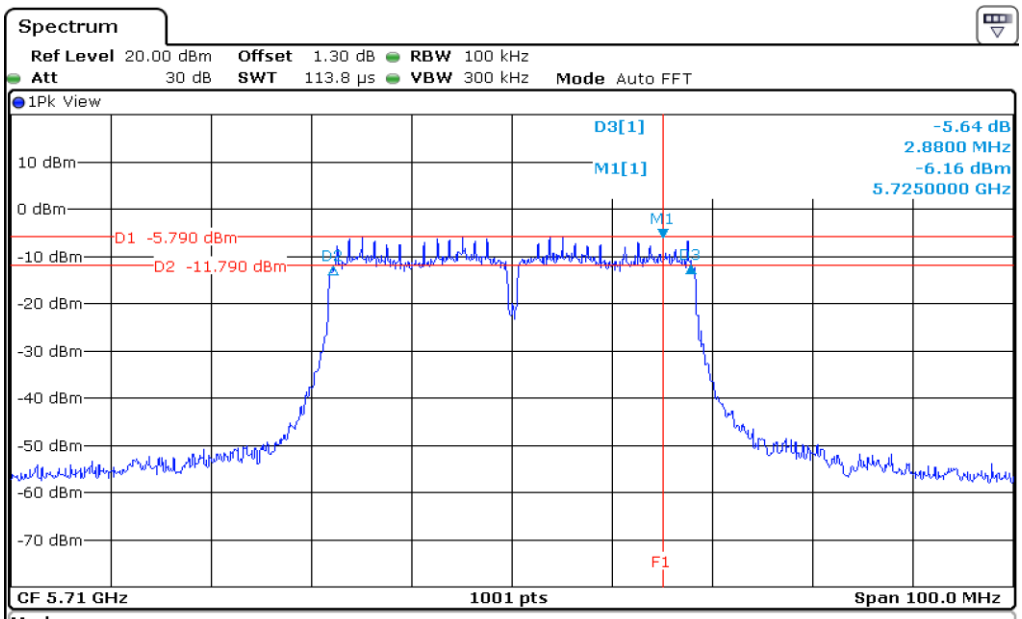
1	Starddle 6 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.725 GHz	-2.38 dBm		
D2	M1	1	-13.741 MHz	-3.94 dB		
D3	M1	1	3.791 MHz	-4.26 dB		

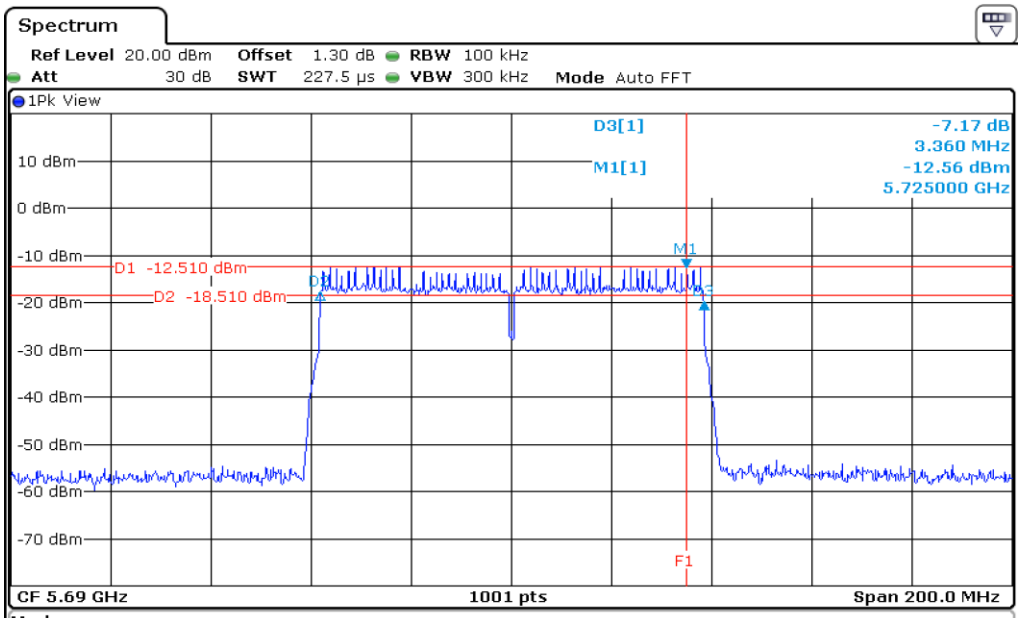
2	Starddle 6 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.725 GHz	-6.16 dBm		
D2	M1	1	-32.78 MHz	-5.92 dB		
D3	M1	1	2.88 MHz	-5.64 dB		

3	Starddle 6 dB Bandwitdh

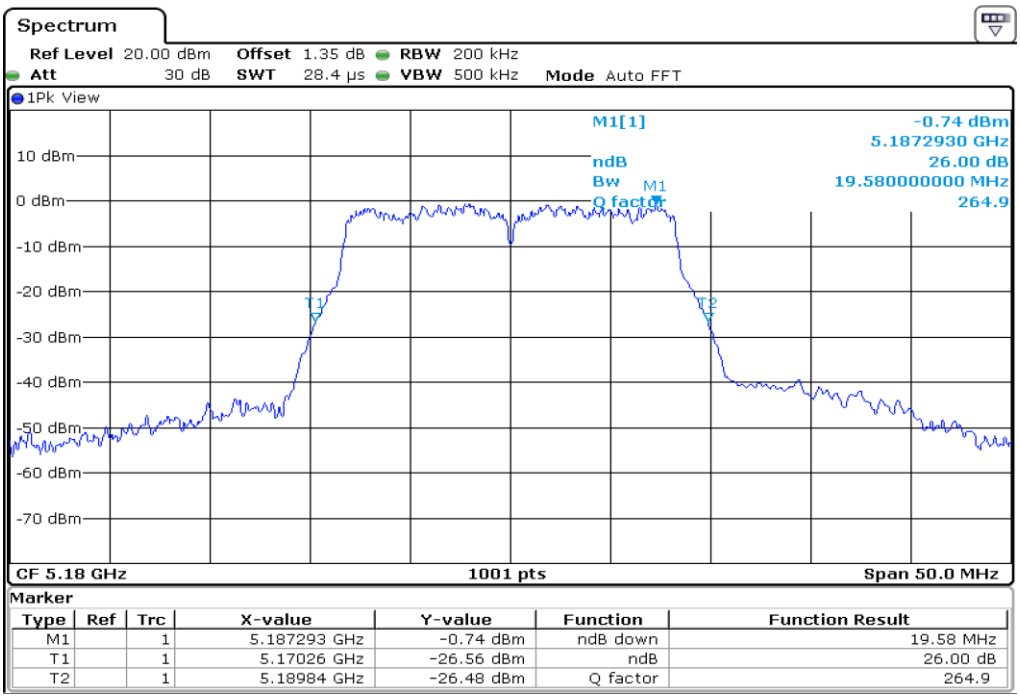


Marker

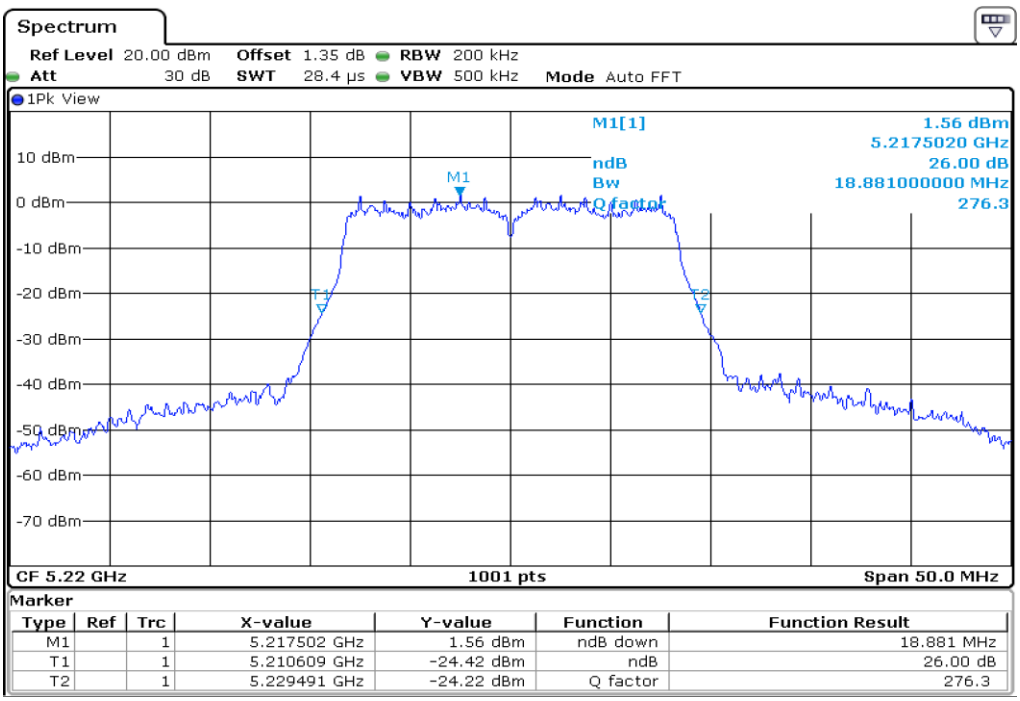
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.725 GHz	-12.56 dBm		
D2	M1	1	-73.16 MHz	-5.28 dB		
D3	M1	1	3.36 MHz	-7.17 dB		

4	Starddle 6 dB Bandwitdh

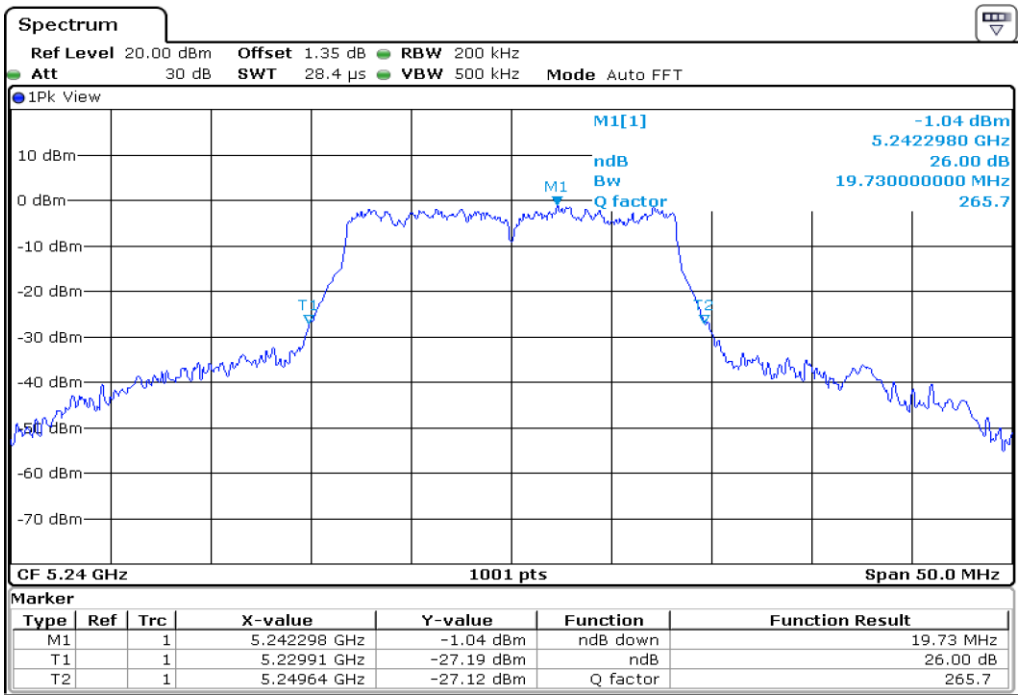
Test Band				WLAN_UNII1			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
26 dB Bandwidth	1	802.11 a	36	20 MHz	-	-	Pass
	2	802.11 a	44	20 MHz	-	-	Pass
	3	802.11 a	48	20 MHz	-	-	Pass
	4	802.11 n20	36	20 MHz	-	-	Pass
	5	802.11 n20	44	20 MHz	-	-	Pass
	6	802.11 n20	48	20 MHz	-	-	Pass
	7	802.11 n40	38	40 MHz	-	-	Pass
	8	802.11 n40	46	40 MHz	-	-	Pass
	9	802.11 ac80	42	80 MHz	-	-	Pass



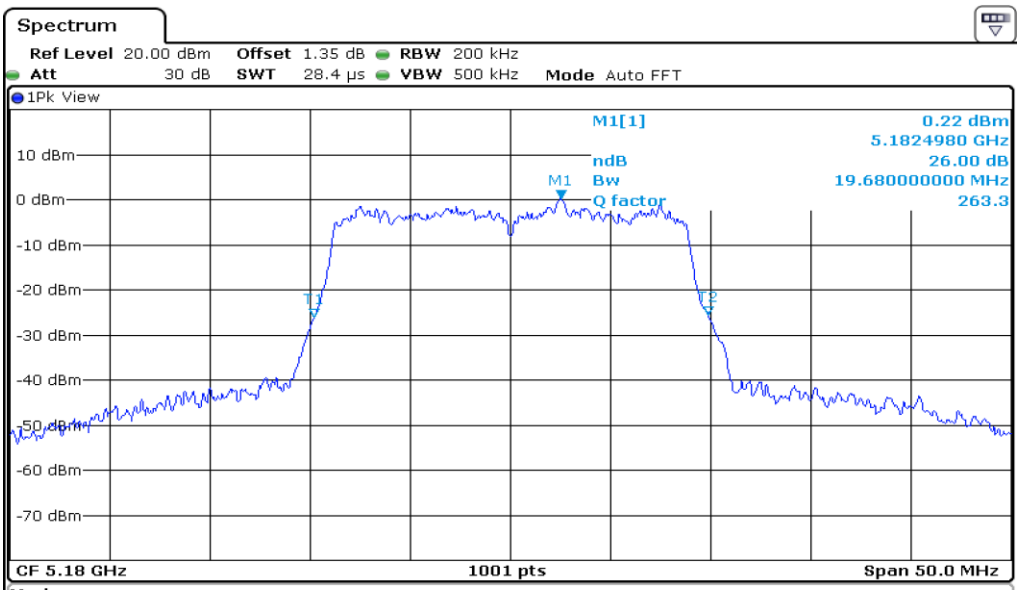
1	26 dB Bandwitdh



2	26 dB Bandwitdh



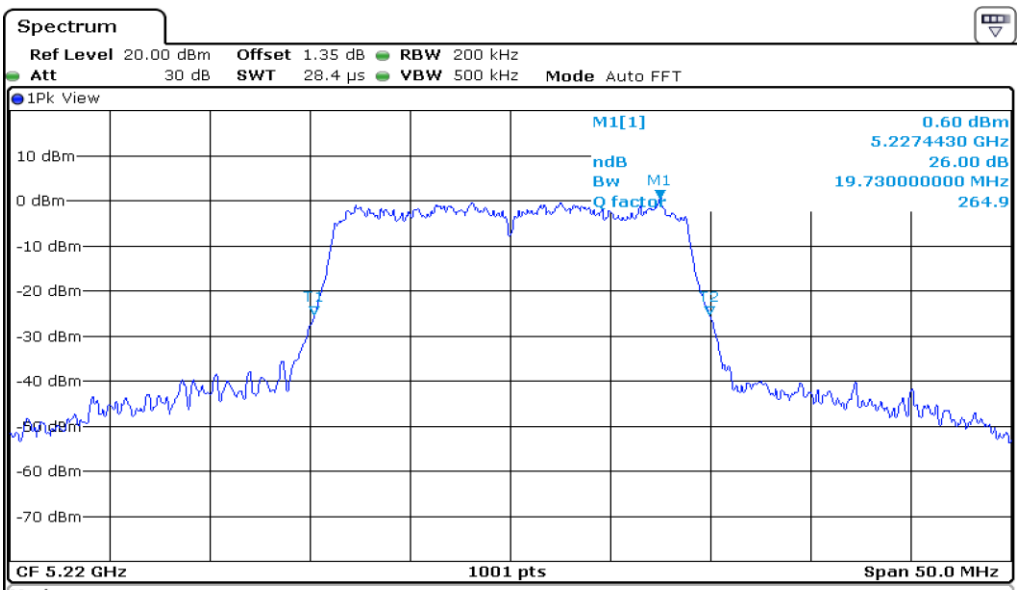
3	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.182498 GHz	0.22 dBm	ndB down	19.68 MHz
T1		1	5.17021 GHz	-26.07 dBm	ndB	26.00 dB
T2		1	5.18989 GHz	-25.62 dBm	Q factor	263.3

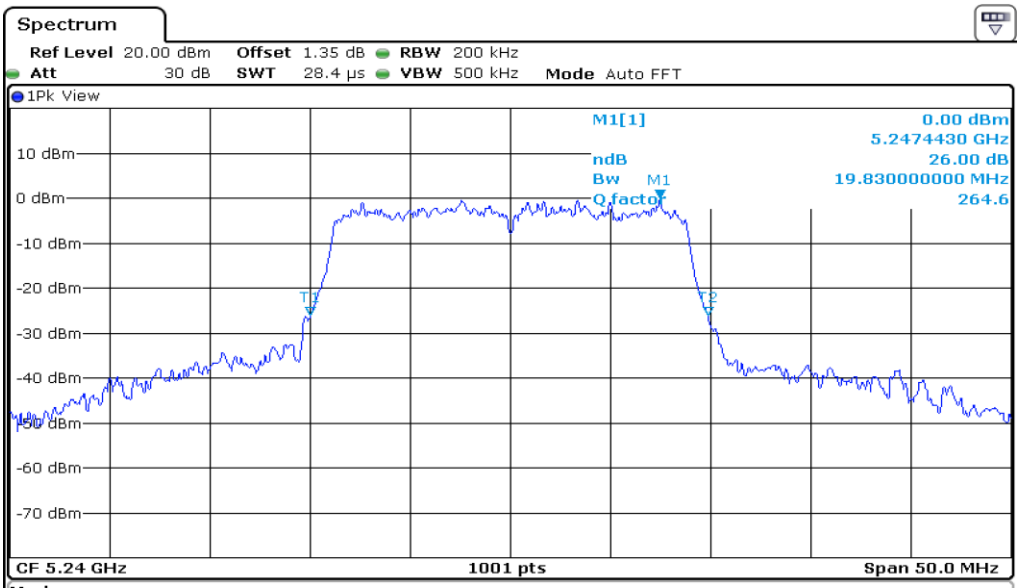
4	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.227443 GHz	0.60 dBm	ndB down	19.73 MHz
T1		1	5.21021 GHz	-25.42 dBm	ndB	26.00 dB
T2		1	5.22994 GHz	-25.33 dBm	Q factor	264.9

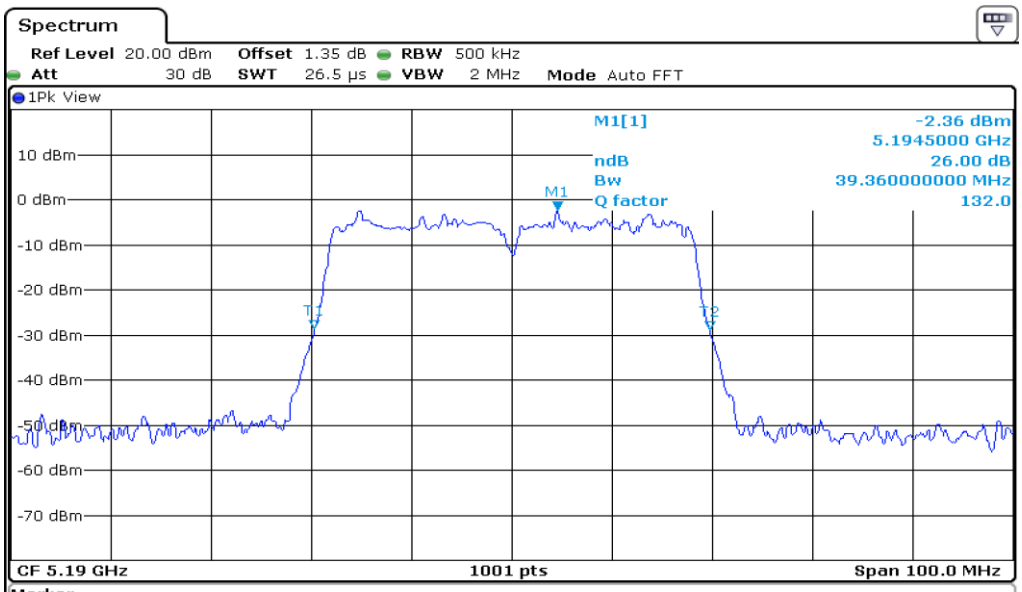
5	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.247443 GHz	0.00 dBm	ndB down	19.83 MHz
T1		1	5.23001 GHz	-26.01 dBm	ndB	26.00 dB
T2		1	5.24984 GHz	-26.18 dBm	Q factor	264.6

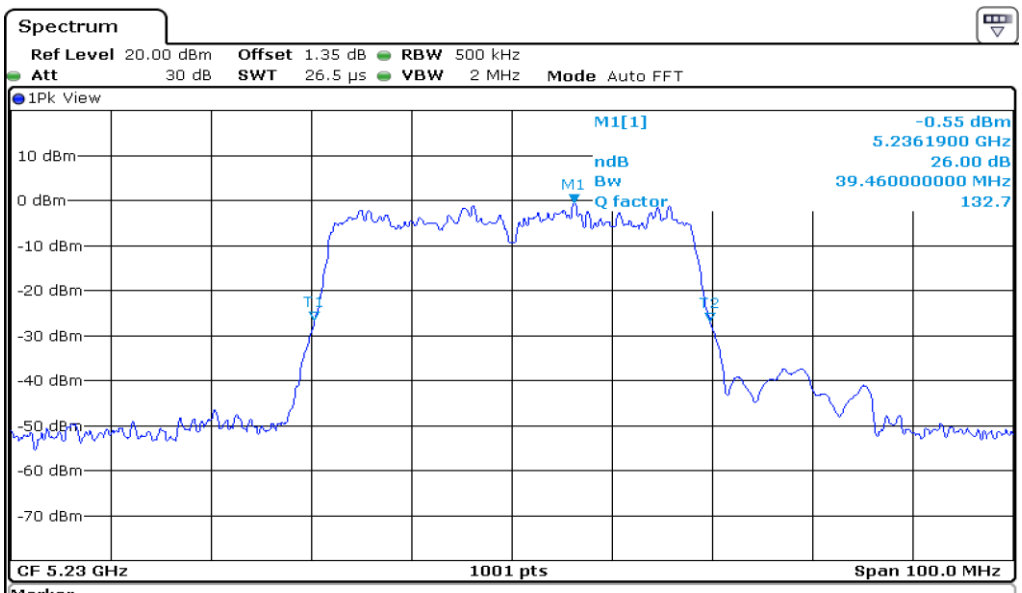
6	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1945 GHz	-2.36 dBm	ndB down	39.36 MHz
T1		1	5.17032 GHz	-28.66 dBm	ndB	26.00 dB
T2		1	5.20968 GHz	-28.74 dBm	Q factor	132.0

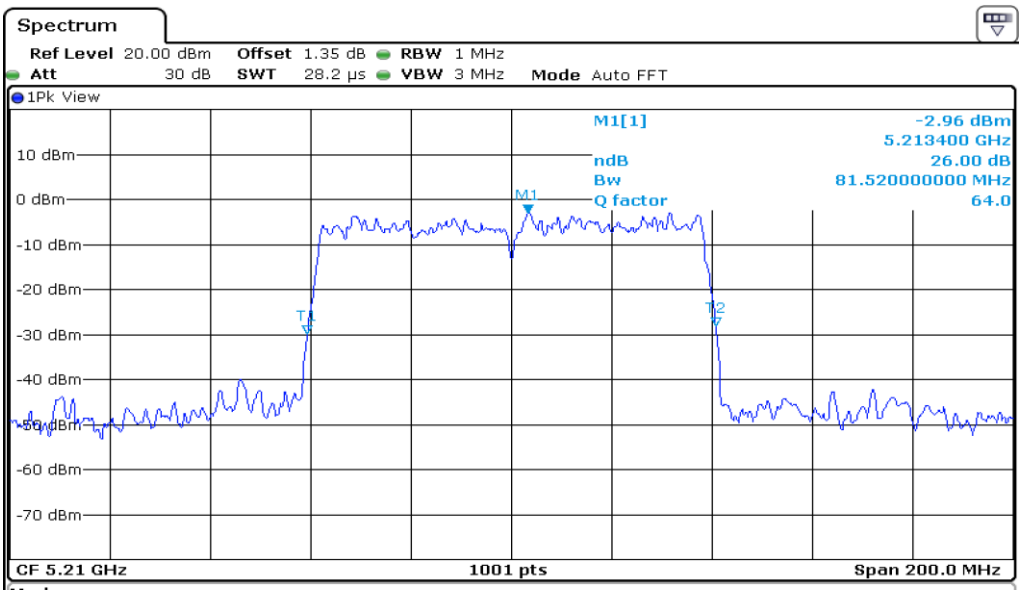
7	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.23619 GHz	-0.55 dBm	ndB down	39.46 MHz
T1		1	5.21032 GHz	-26.49 dBm	ndB	26.00 dB
T2		1	5.24978 GHz	-26.89 dBm	Q factor	132.7

8	26 dB Bandwitdh

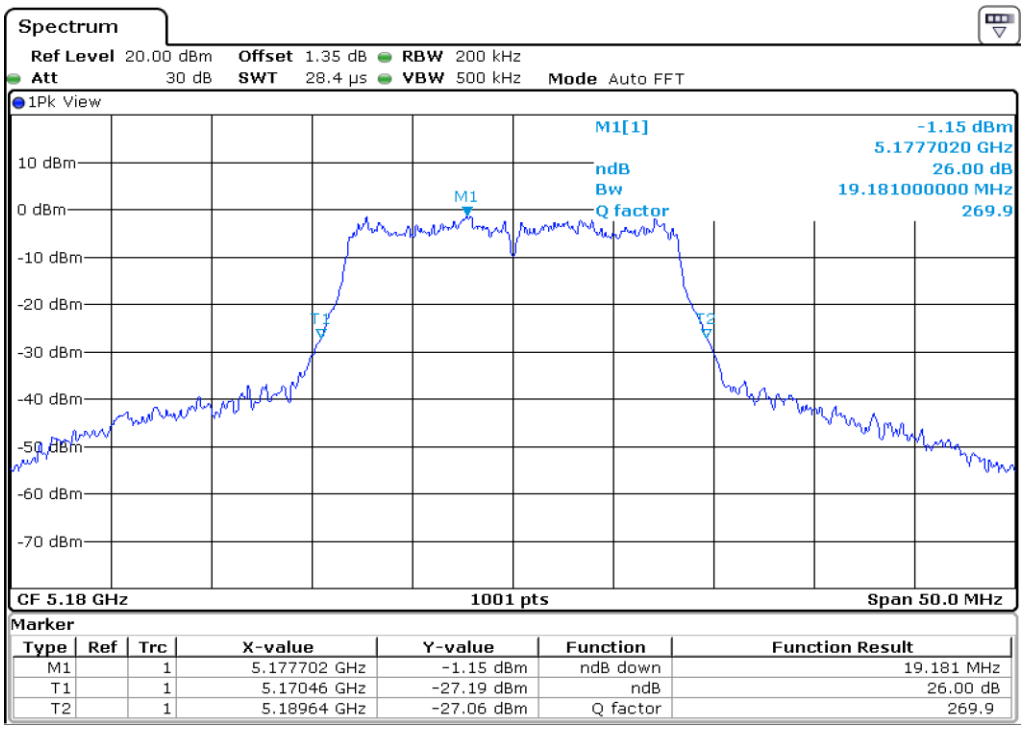


Marker

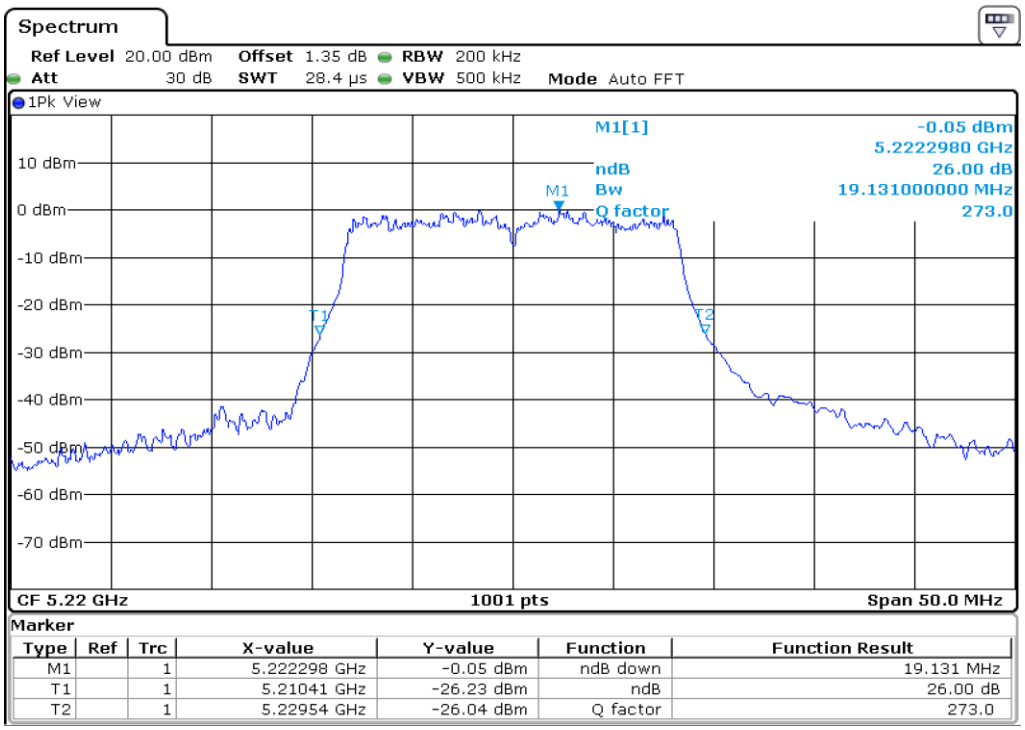
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2134 GHz	-2.96 dBm	ndB down	81.52 MHz
T1		1	5.16924 GHz	-29.79 dBm	ndB	26.00 dB
T2		1	5.25076 GHz	-28.07 dBm	Q factor	64.0

9	26 dB Bandwitdh

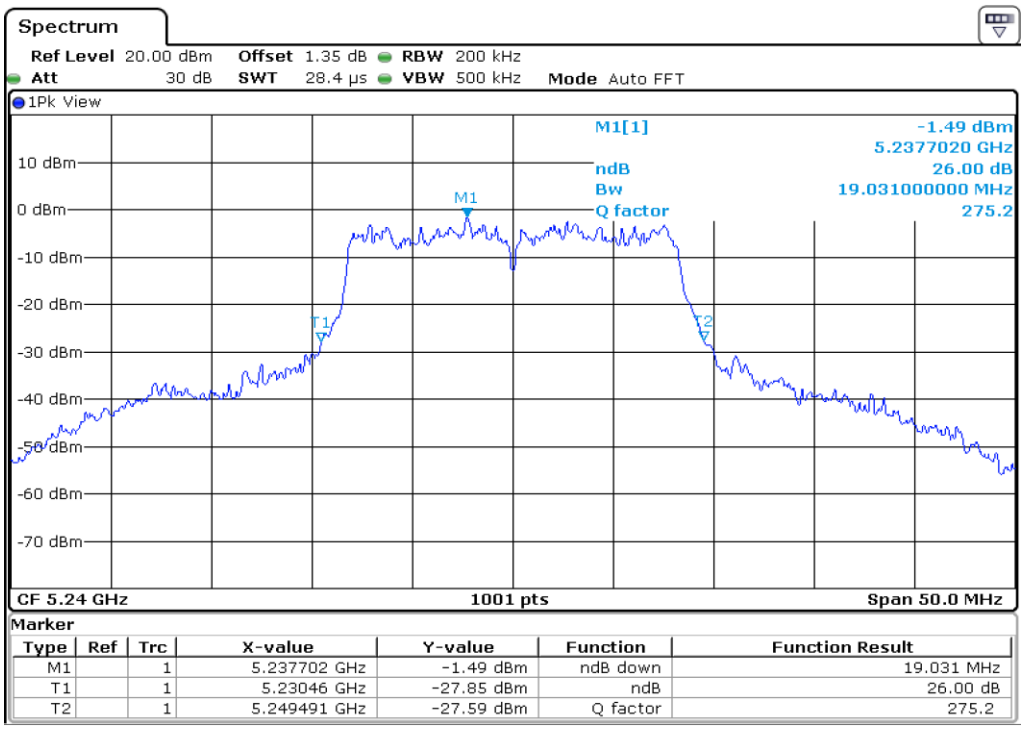
Test Band				WLAN_UNII1			
Antenna				Ant 1			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
26 dB Bandwidth	1	802.11 a	36	20 MHz	-	-	Pass
	2	802.11 a	44	20 MHz	-	-	Pass
	3	802.11 a	48	20 MHz	-	-	Pass
	4	802.11 n20	36	20 MHz	-	-	Pass
	5	802.11 n20	44	20 MHz	-	-	Pass
	6	802.11 n20	48	20 MHz	-	-	Pass
	7	802.11 n40	38	40 MHz	-	-	Pass
	8	802.11 n40	46	40 MHz	-	-	Pass
	9	802.11 ac80	42	80 MHz	-	-	Pass



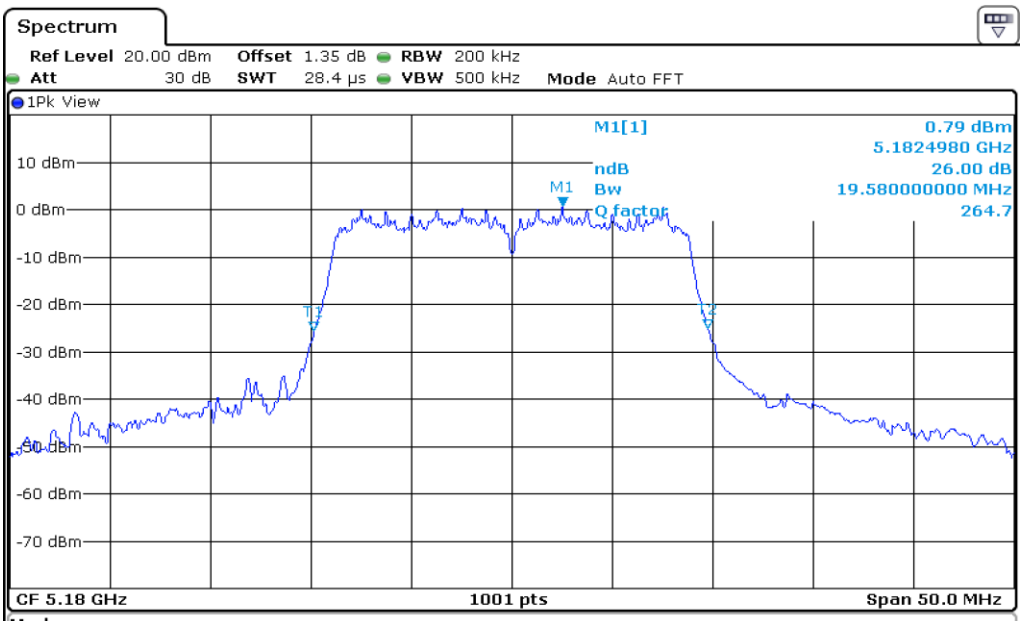
1	26 dB Bandwitdh



2	26 dB Bandwitdh



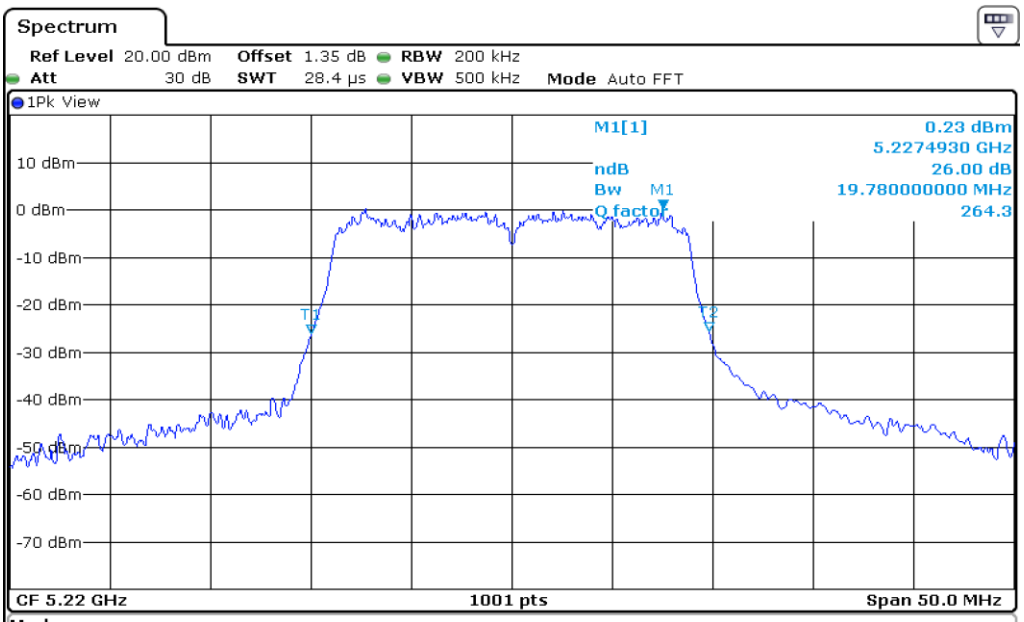
3	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.182498 GHz	0.79 dBm	ndB down	19.58 MHz
T1		1	5.17016 GHz	-25.46 dBm	ndB	26.00 dB
T2		1	5.18974 GHz	-25.00 dBm	Q factor	264.7

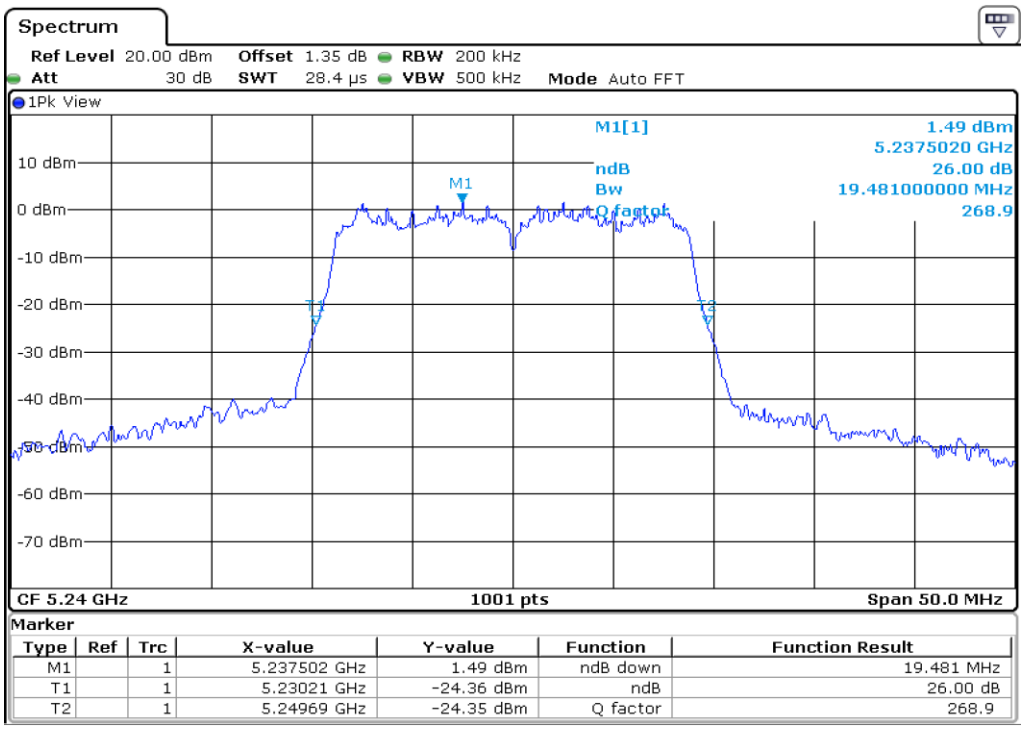
4	26 dB Bandwitdh



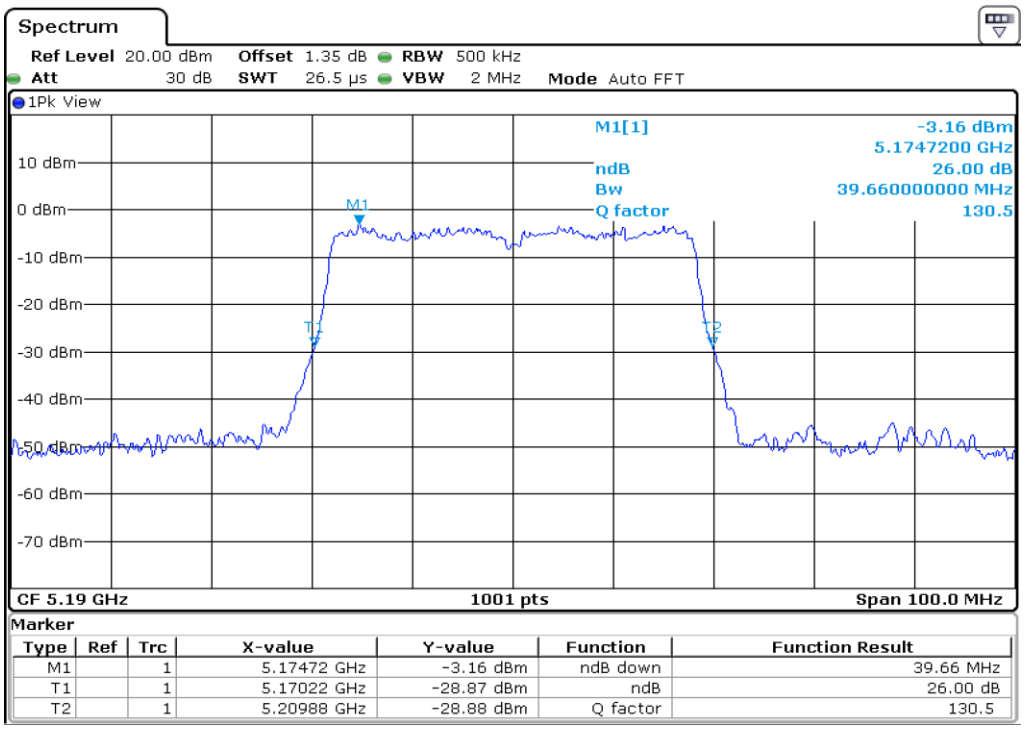
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.227493 GHz	0.23 dBm	ndB down	19.78 MHz
T1		1	5.21001 GHz	-26.04 dBm	ndB	26.00 dB
T2		1	5.22979 GHz	-25.63 dBm	Q factor	264.3

5	26 dB Bandwitdh



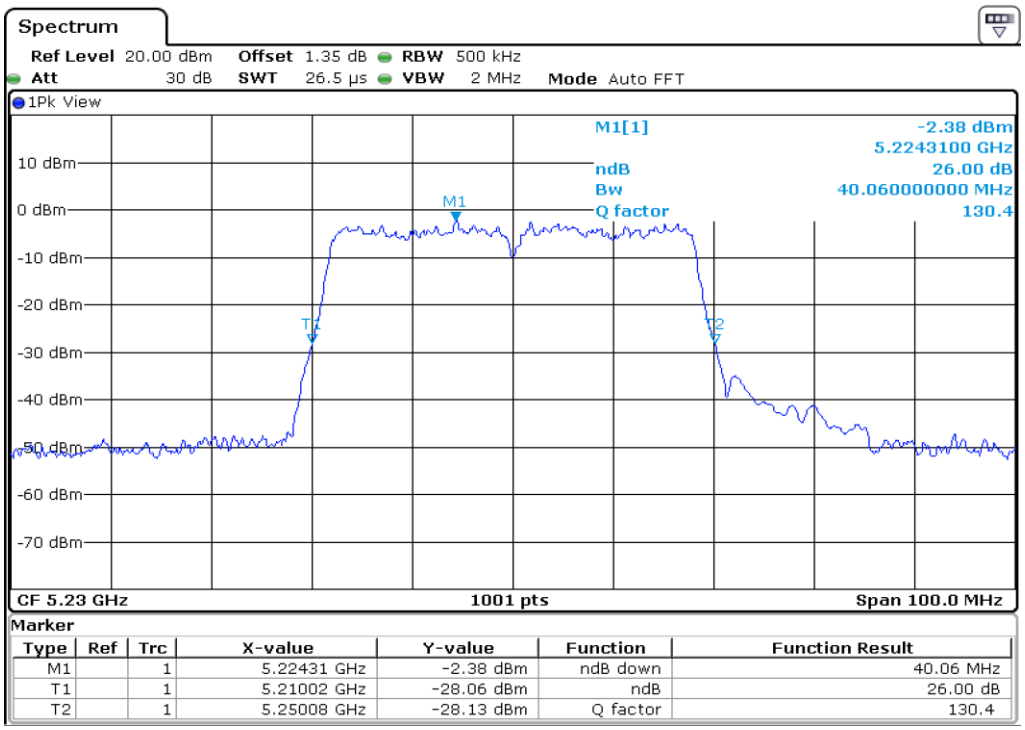
6	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.17472 GHz	-3.16 dBm	ndB down	39.66 MHz
T1		1	5.17022 GHz	-28.87 dBm	ndB	26.00 dB
T2		1	5.20988 GHz	-28.88 dBm	Q factor	130.5

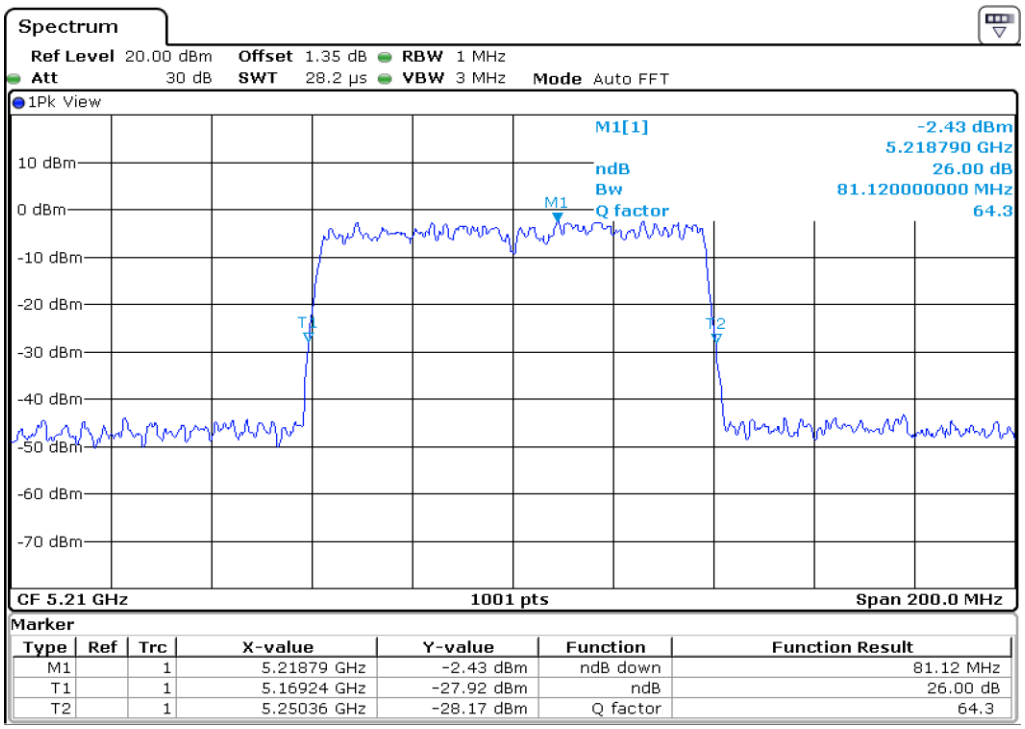
7	26 dB Bandwitdh



Marker

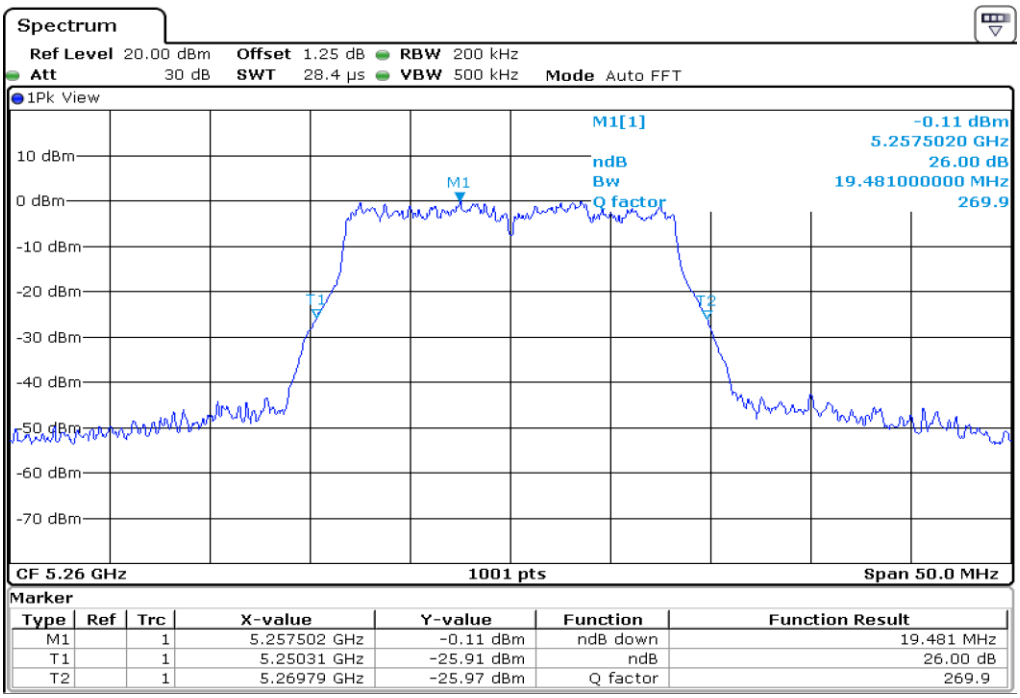
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22431 GHz	-2.38 dBm	ndB down	40.06 MHz
T1		1	5.21002 GHz	-28.06 dBm	ndB	26.00 dB
T2		1	5.25008 GHz	-28.13 dBm	Q factor	130.4

8	26 dB Bandwitdh

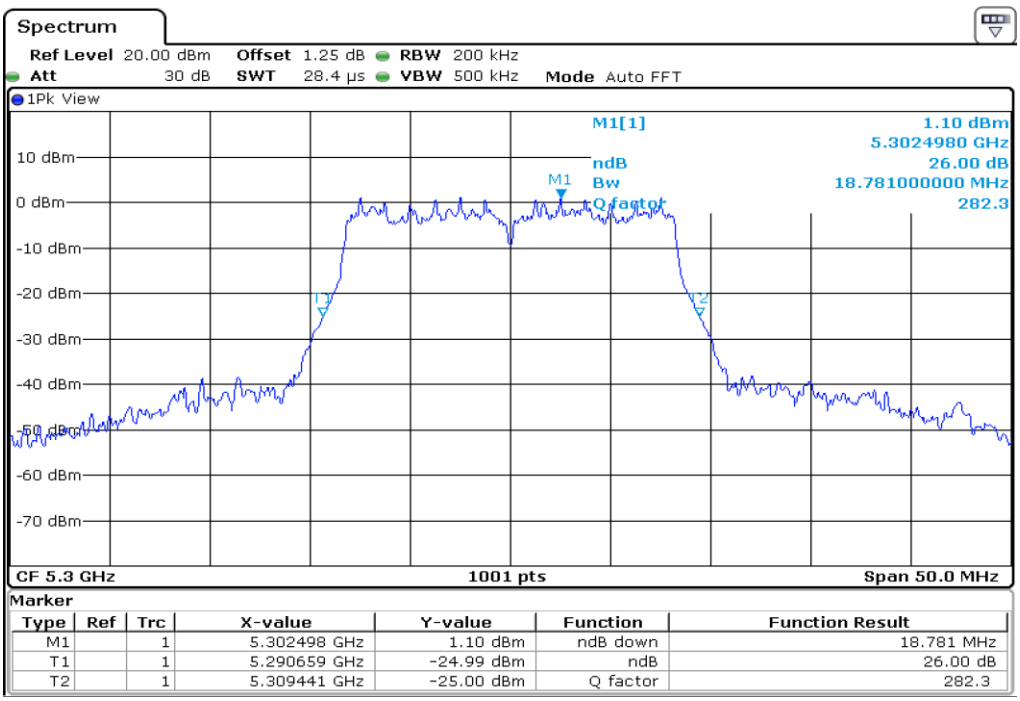


9	26 dB Bandwitdh

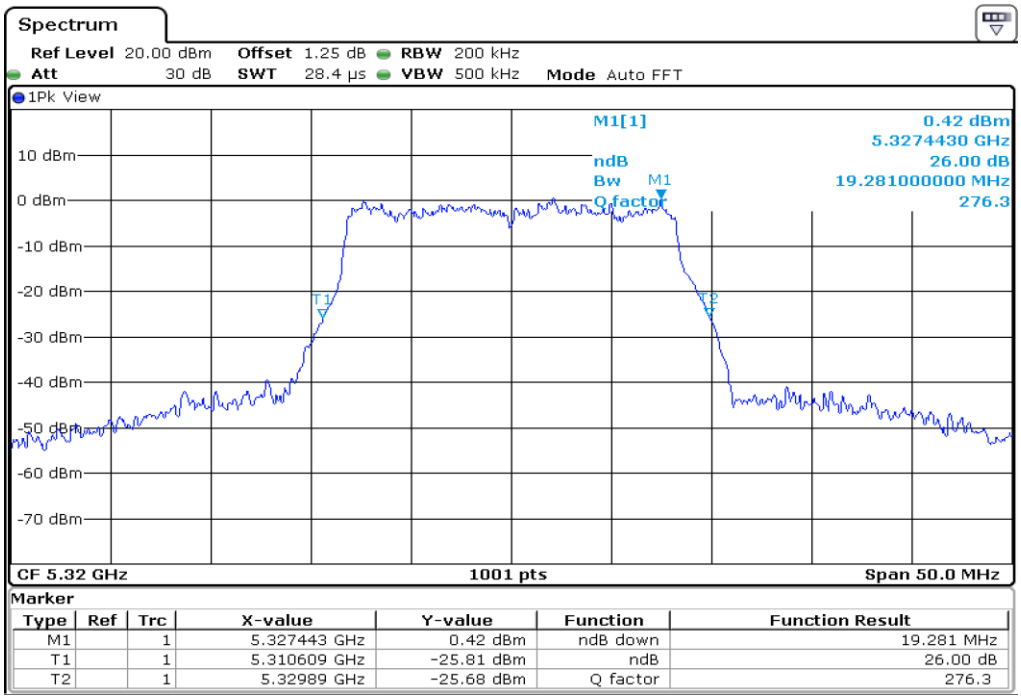
Test Band				WLAN_UNII2A			
Antenna				Ant 0			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
26 dB Bandwidth	1	802.11 a	52	20 MHz	-	-	Pass
	2	802.11 a	60	20 MHz	-	-	Pass
	3	802.11 a	64	20 MHz	-	-	Pass
	4	802.11 n20	52	20 MHz	-	-	Pass
	5	802.11 n20	60	20 MHz	-	-	Pass
	6	802.11 n20	64	20 MHz	-	-	Pass
	7	802.11 n40	54	40 MHz	-	-	Pass
	8	802.11 n40	62	40 MHz	-	-	Pass
	9	802.11 ac80	58	80 MHz	-	-	Pass



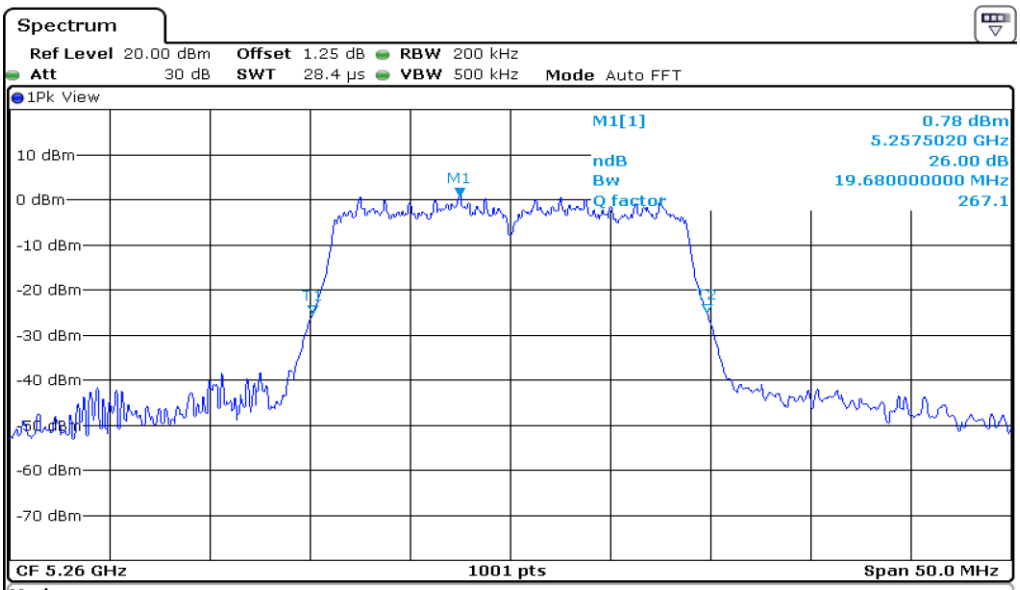
1	26 dB Bandwitdh



2	26 dB Bandwitdh



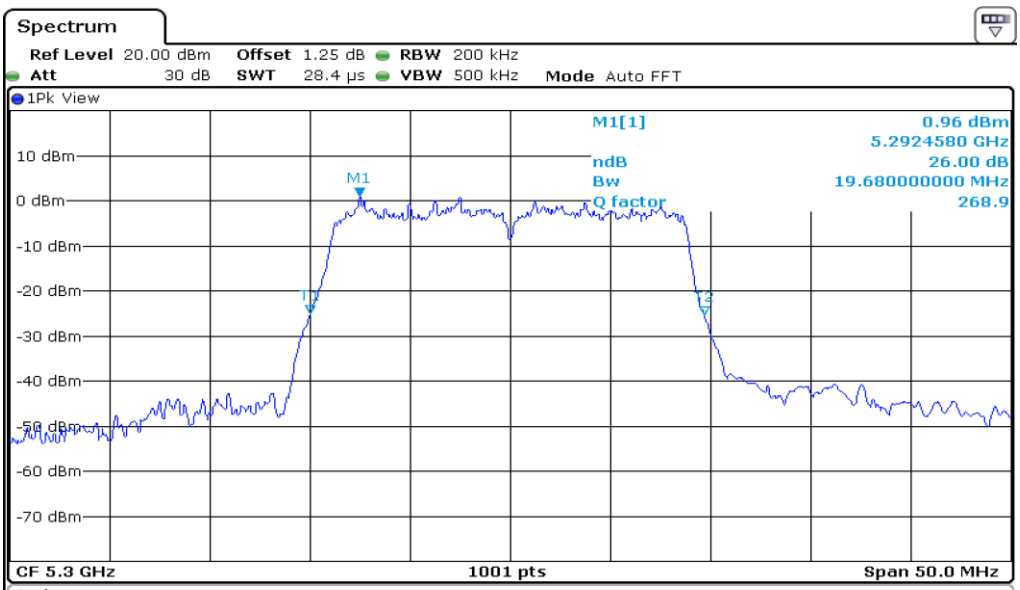
3	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.257502 GHz	0.78 dBm	ndB down	19.68 MHz
T1		1	5.25011 GHz	-25.40 dBm	ndB	26.00 dB
T2		1	5.26979 GHz	-25.09 dBm	Q factor	267.1

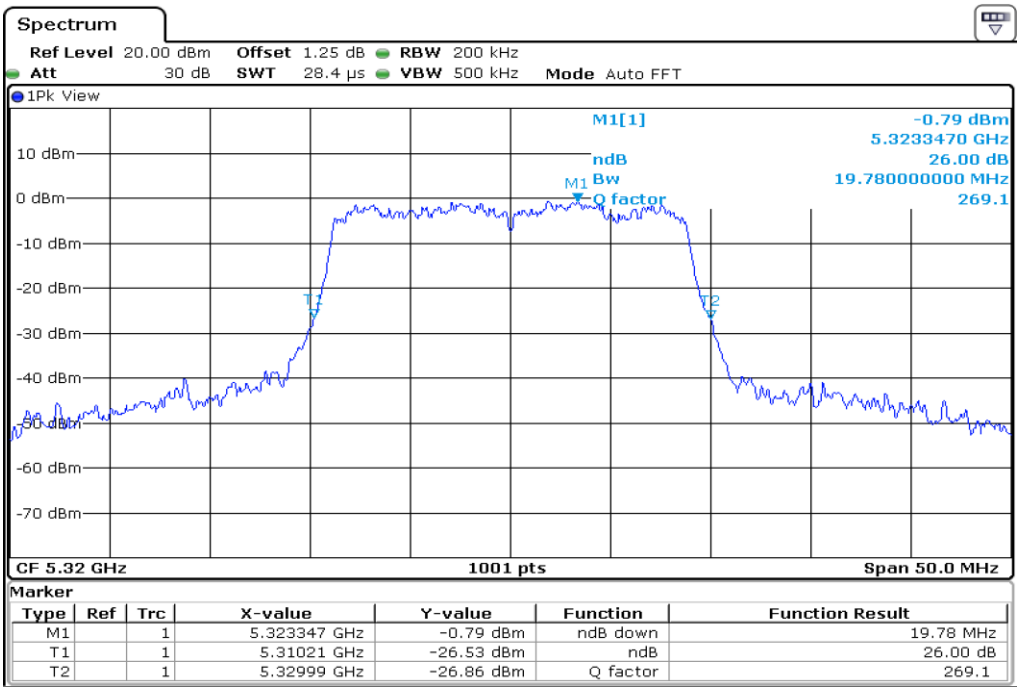
4	26 dB Bandwitdh



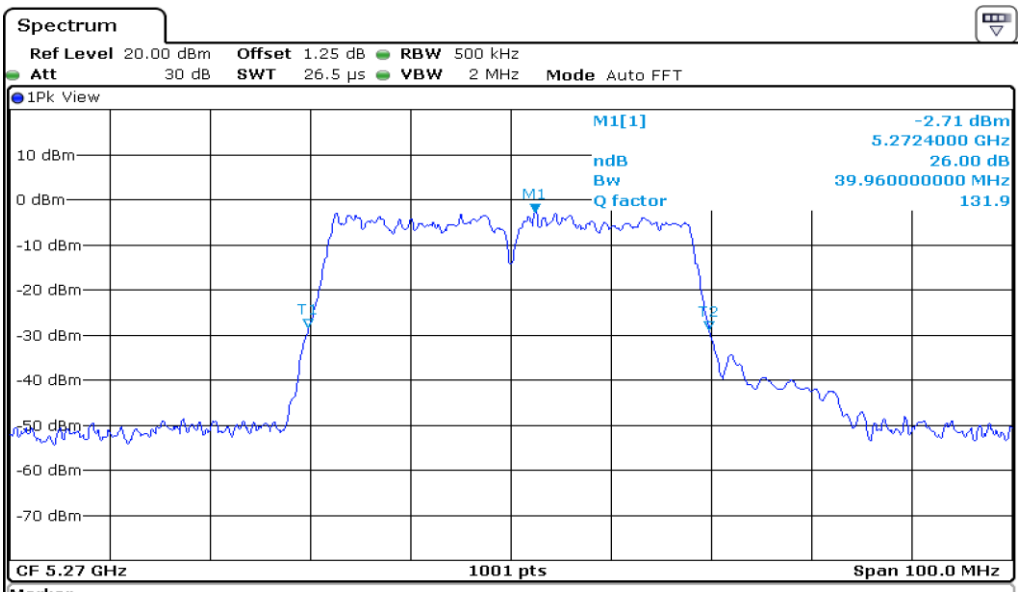
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.292458 GHz	0.96 dBm	ndB down	19.68 MHz
T1		1	5.29001 GHz	-25.14 dBm	ndB	26.00 dB
T2		1	5.30969 GHz	-25.27 dBm	Q factor	268.9

5	26 dB Bandwitdh



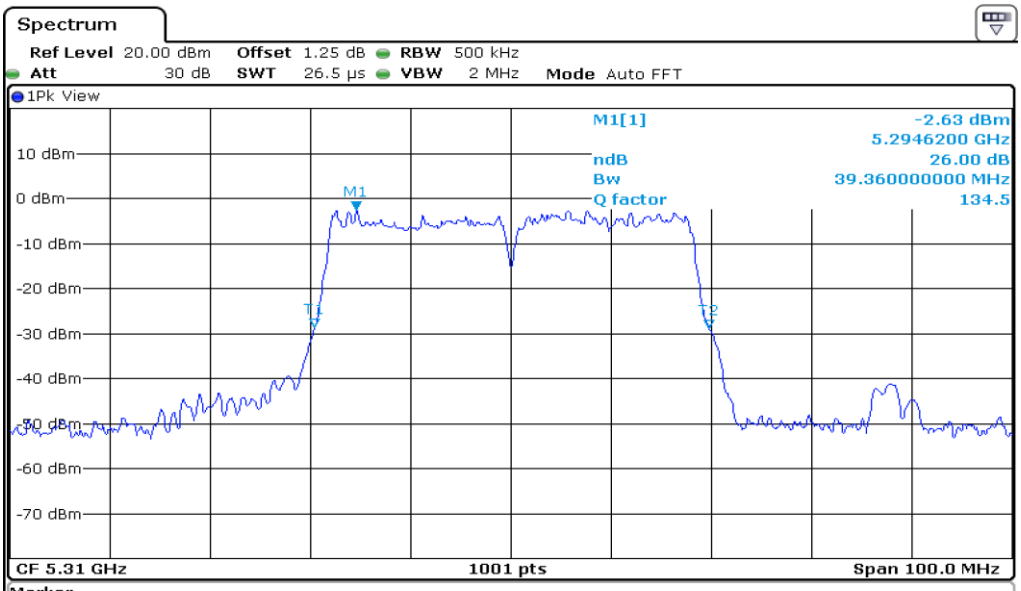
6	26 dB Bandwitdh



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2724 GHz	-2.71 dBm	ndB down	39.96 MHz
T1		1	5.24982 GHz	-28.46 dBm	ndB	26.00 dB
T2		1	5.28978 GHz	-28.74 dBm	Q factor	131.9

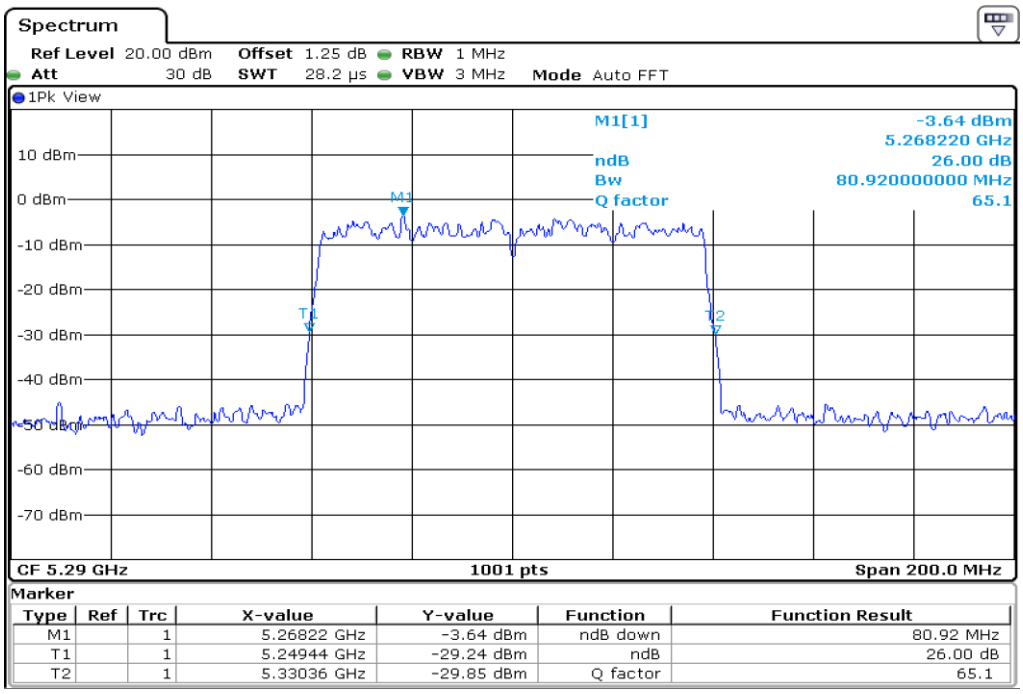
7	26 dB Bandwitdh



Marker

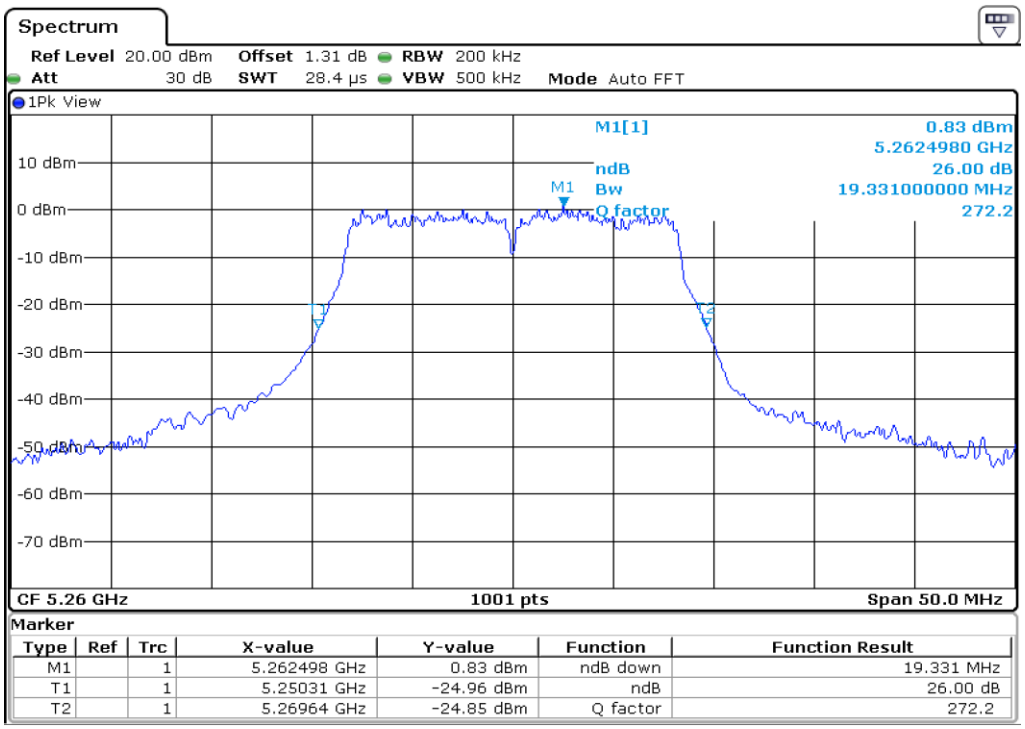
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.29462 GHz	-2.63 dBm	ndB down	39.36 MHz
T1		1	5.29042 GHz	-28.72 dBm	ndB	26.00 dB
T2		1	5.32978 GHz	-28.85 dBm	Q factor	134.5

8	26 dB Bandwitdh

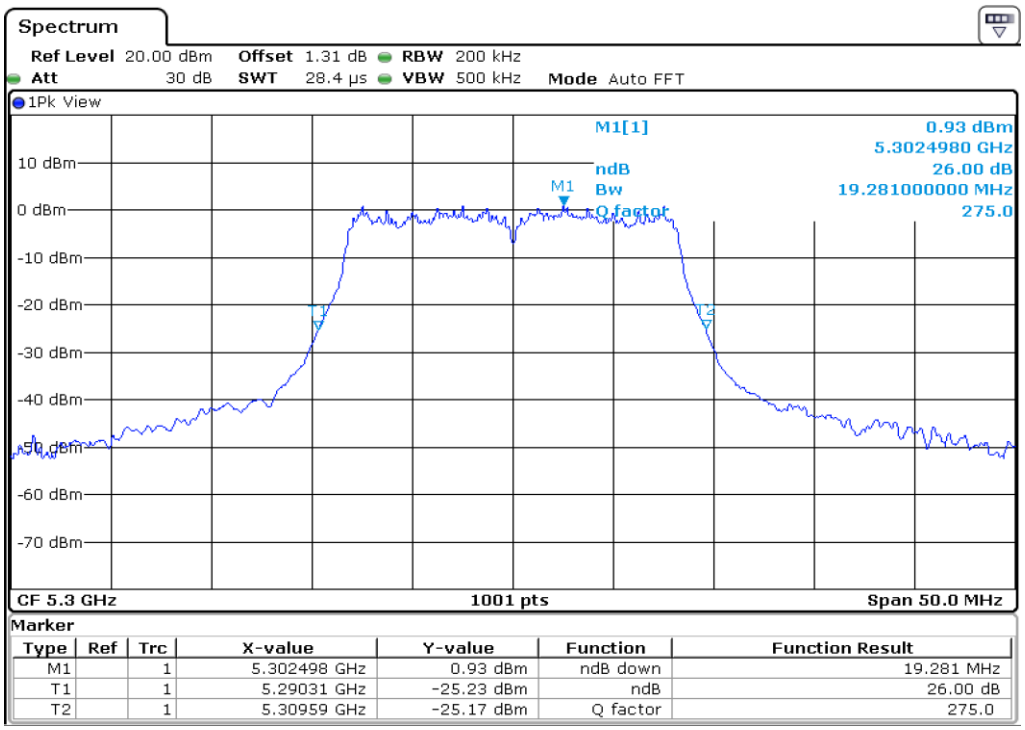


9	26 dB Bandwitdh

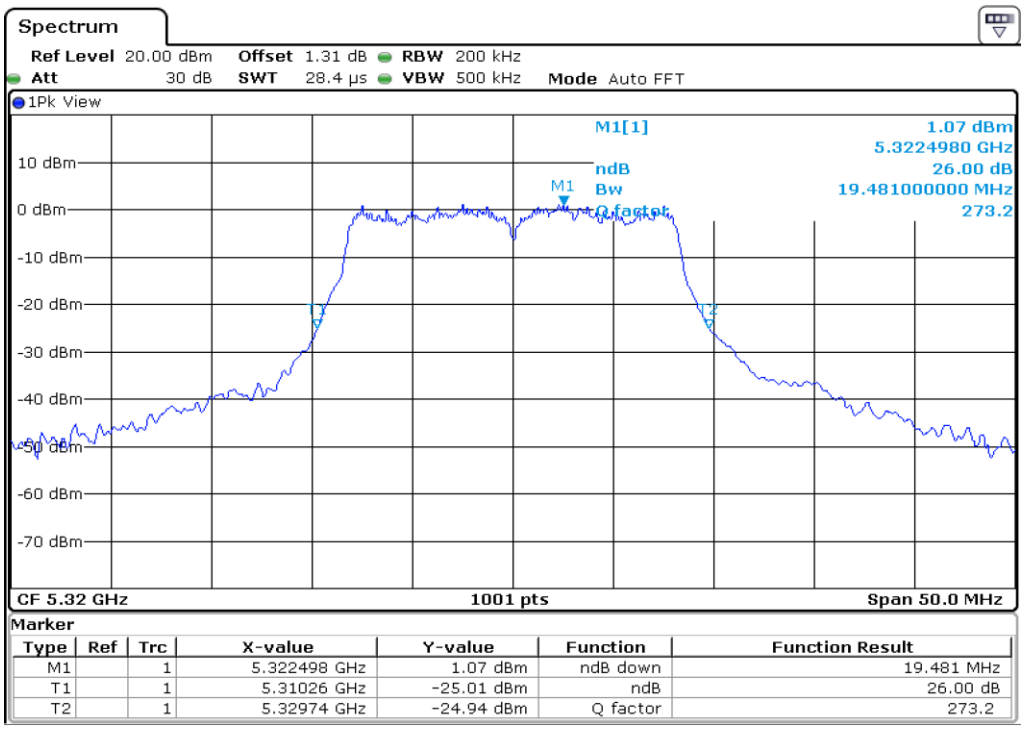
Test Band				WLAN_UNII2A			
Antenna				Ant 1			
Test Parameters for Channel Bandwidths							
Test Item	No.	Mode	Channel	Bandwitdh	RU Tone	RB index	Verdict
26 dB Bandwidth	1	802.11 a	52	20 MHz	-	-	Pass
	2	802.11 a	60	20 MHz	-	-	Pass
	3	802.11 a	64	20 MHz	-	-	Pass
	4	802.11 n20	52	20 MHz	-	-	Pass
	5	802.11 n20	60	20 MHz	-	-	Pass
	6	802.11 n20	64	20 MHz	-	-	Pass
	7	802.11 n40	54	40 MHz	-	-	Pass
	8	802.11 n40	62	40 MHz	-	-	Pass
	9	802.11 ac80	58	80 MHz	-	-	Pass



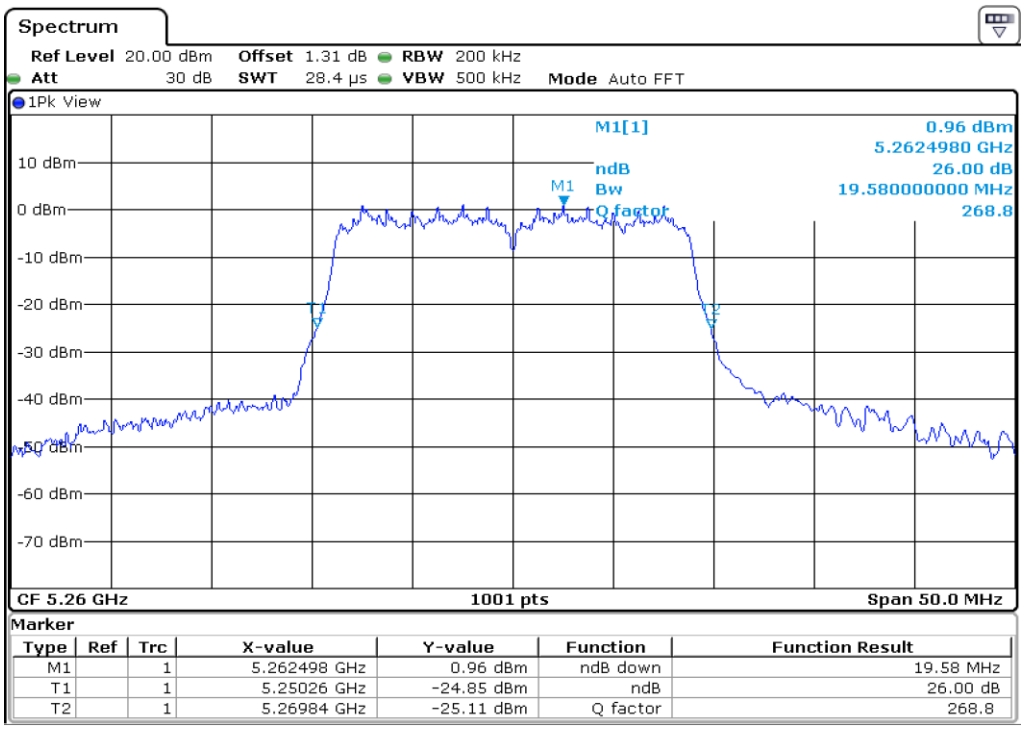
1	26 dB Bandwitdh



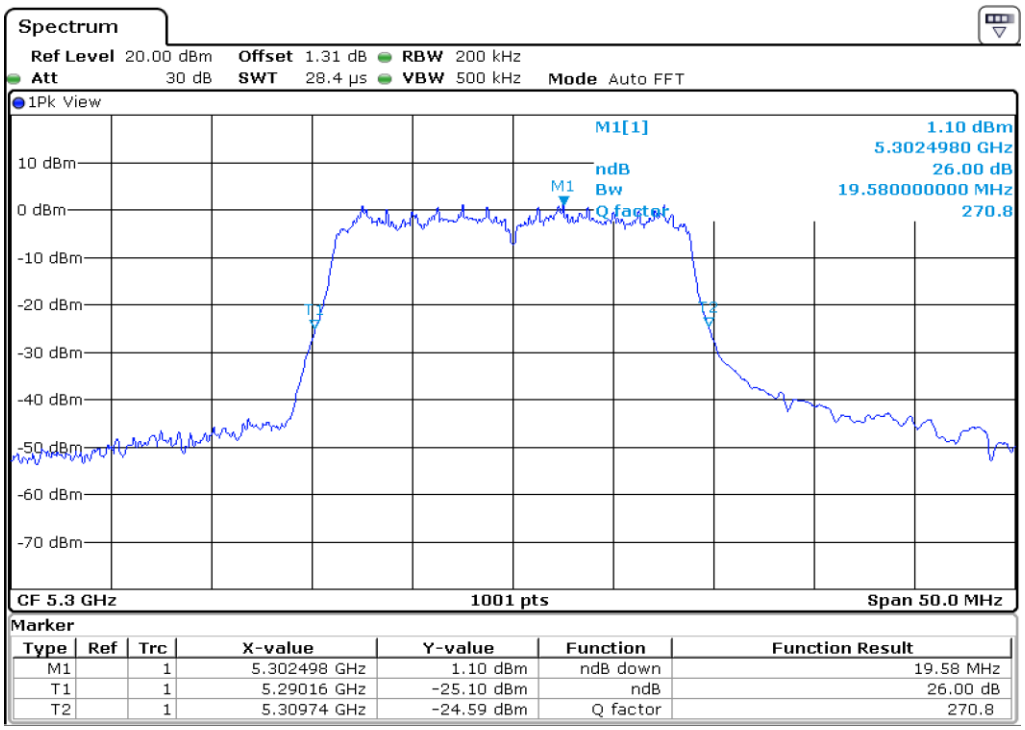
2	26 dB Bandwitdh



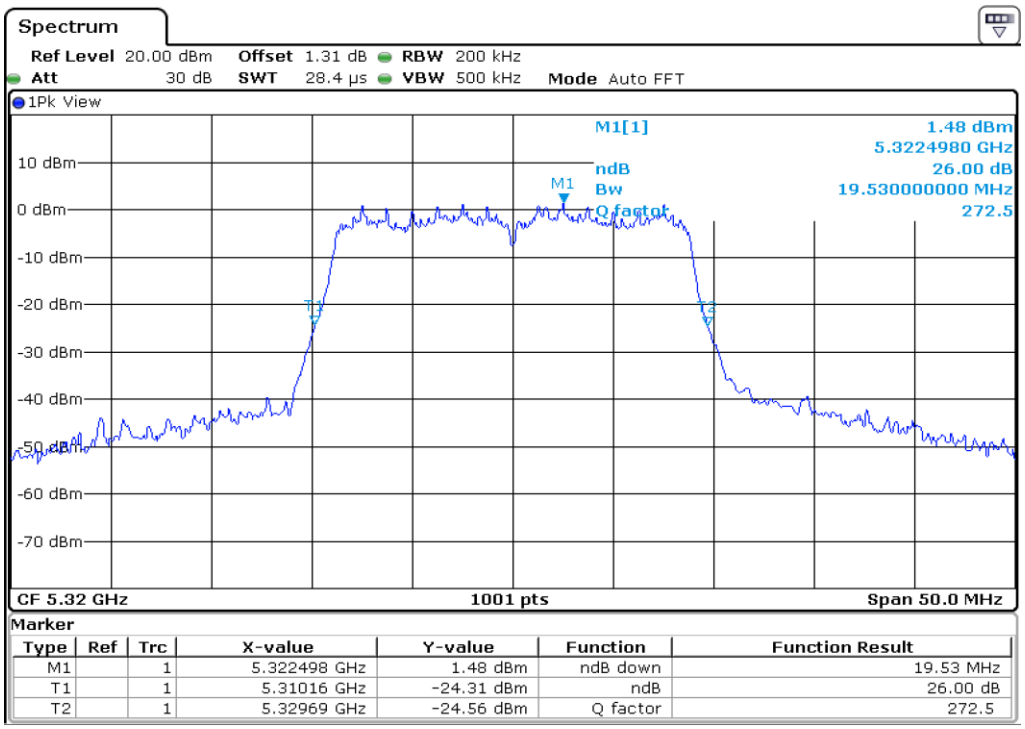
3	26 dB Bandwitdh



4	26 dB Bandwitdh



5	26 dB Bandwitdh



6	26 dB Bandwitdh