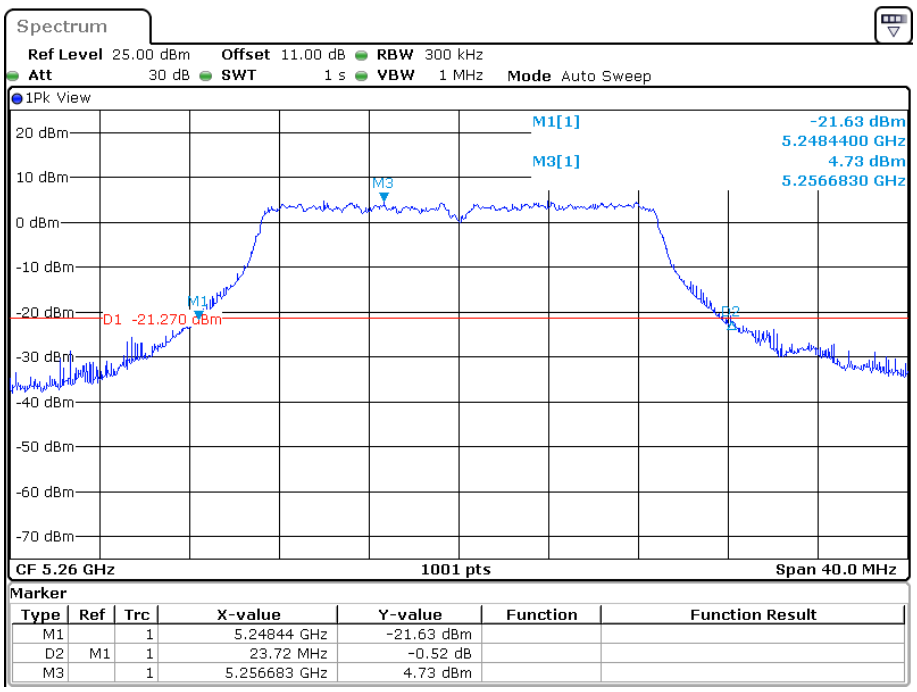
802.11ac20 mode, 5260 MHz

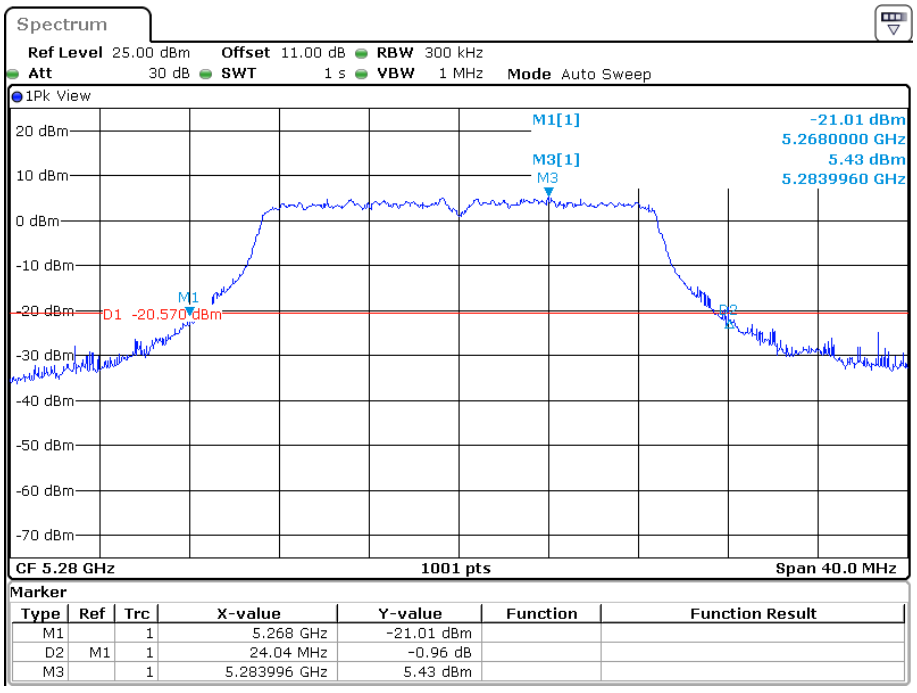


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24844 GHz	-21.63 dBm		
D2	M1	1	23.72 MHz	-0.52 dB		
M3		1	5.256683 GHz	4.73 dBm		

Date: 29.JUN.2022 19:52:33

802.11ac20 mode, 5280 MHz

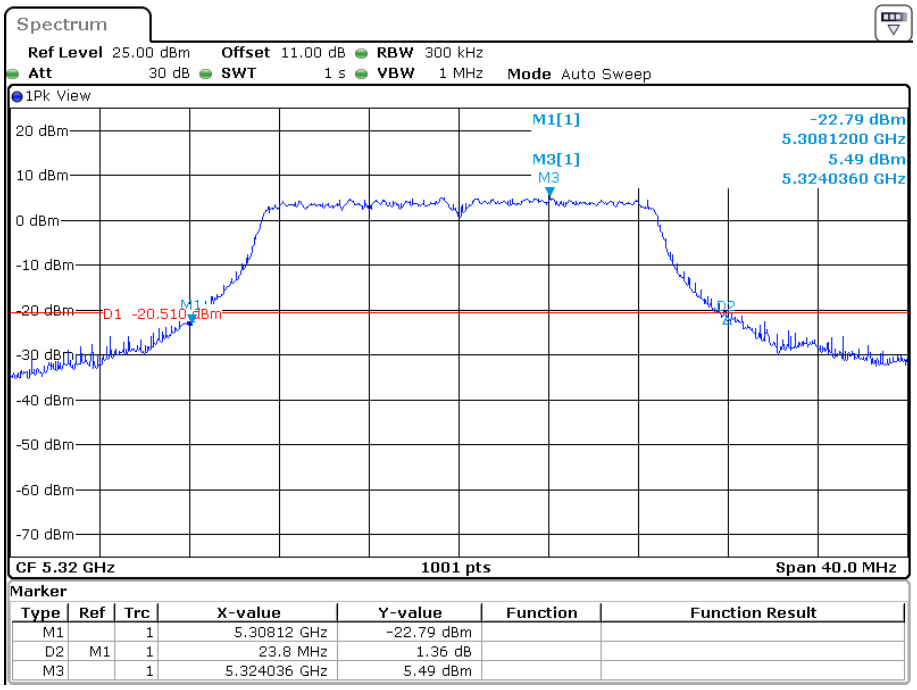


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.268 GHz	-21.01 dBm		
D2	M1	1	24.04 MHz	-0.96 dB		
M3		1	5.283996 GHz	5.43 dBm		

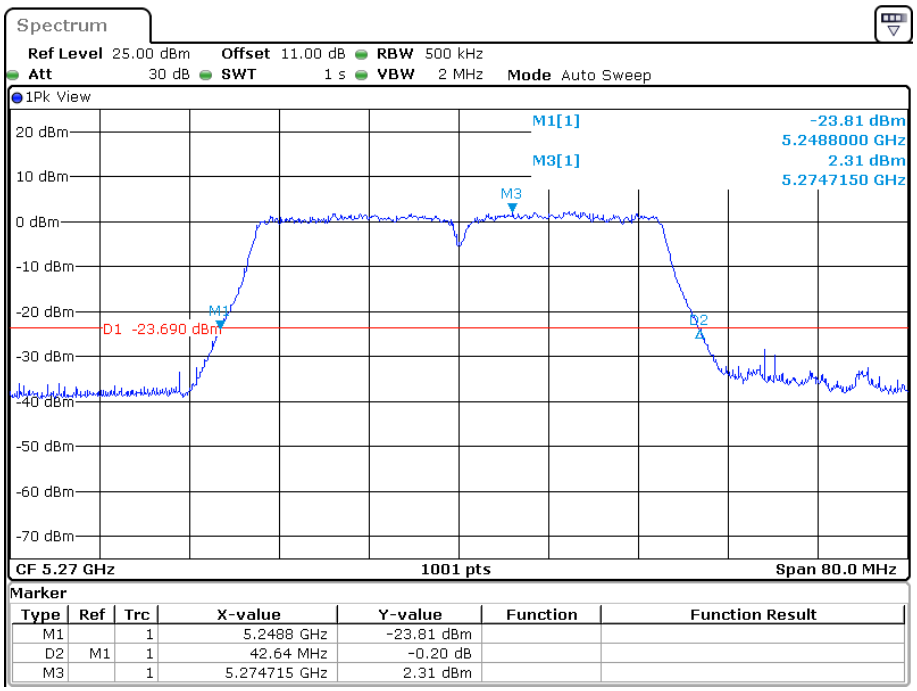
Date: 29.JUN.2022 22:58:31

802.11ac20 mode, 5320 MHz



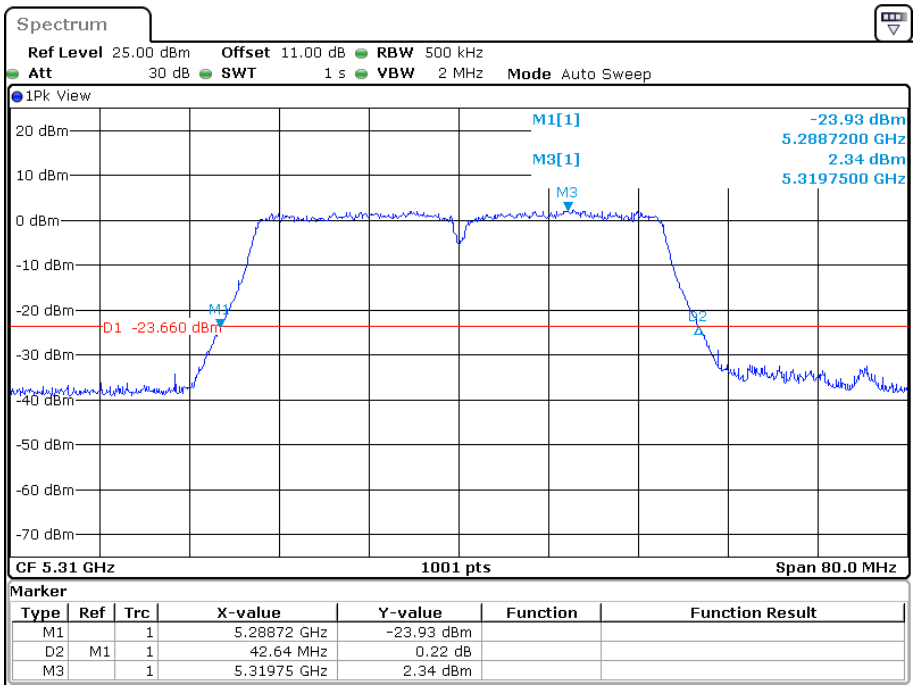
Date: 29.JUN.2022 23:01:08

802.11ac40 mode, 5270 MHz



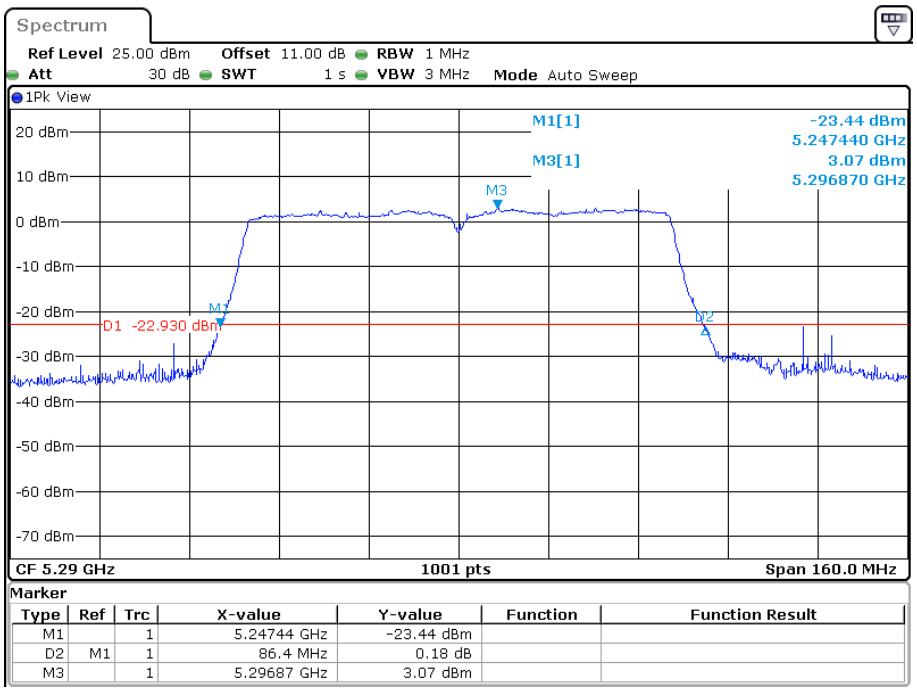
Date: 30.JUN.2022 00:30:36

802.11ac40 mode, 5310MHz



Date: 30.JUN.2022 00:33:32

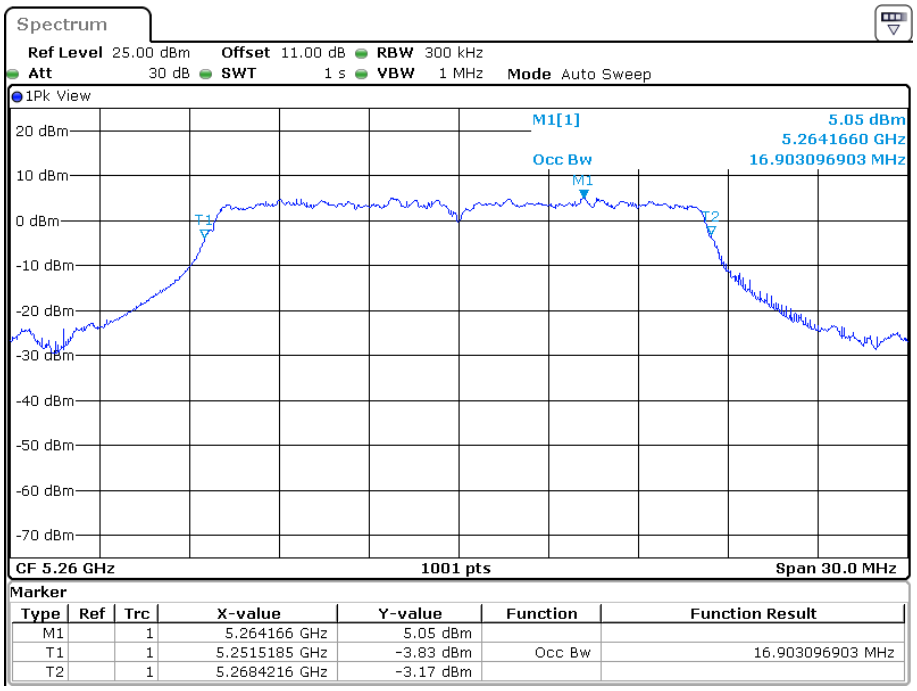
802.11ac80 mode, 5290 MHz



Date: 30.JUN.2022 00:48:38

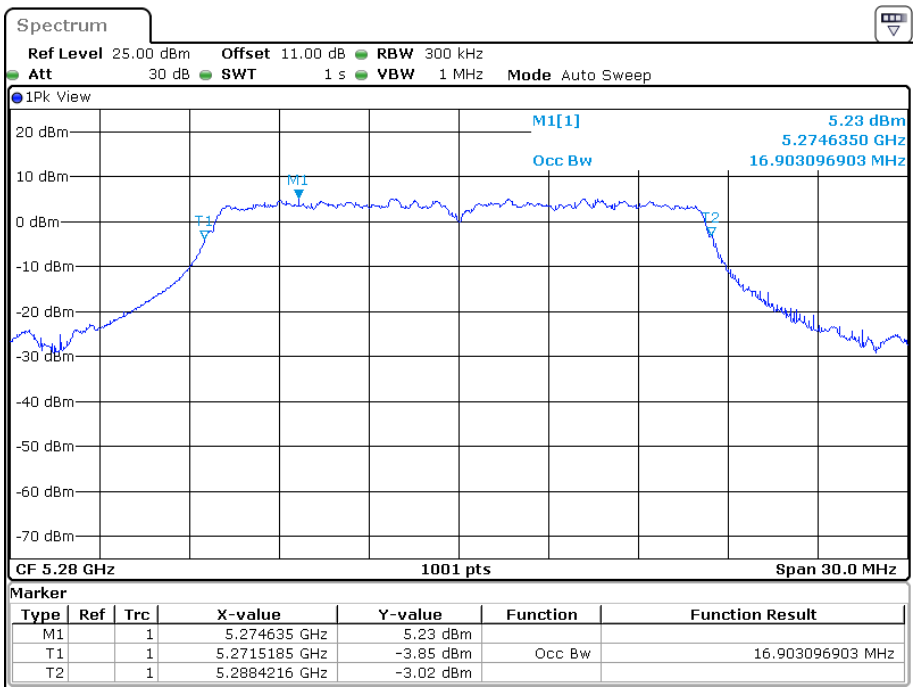
99% Occupied Bandwidth

802.11a mode, 5260 MHz



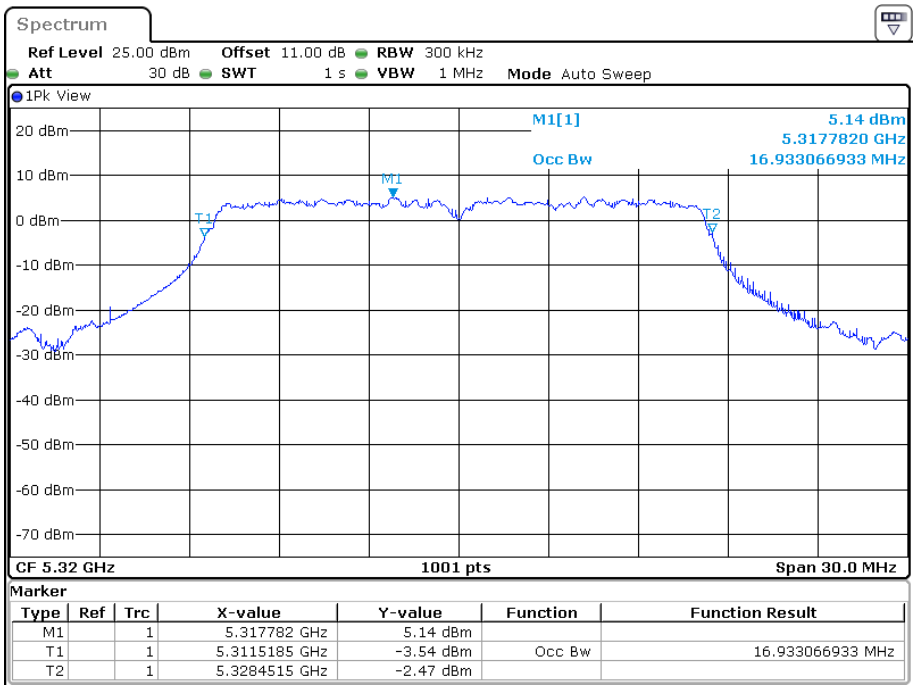
Date: 28.JUN.2022 21:05:29

802.11a mode, 5280MHz



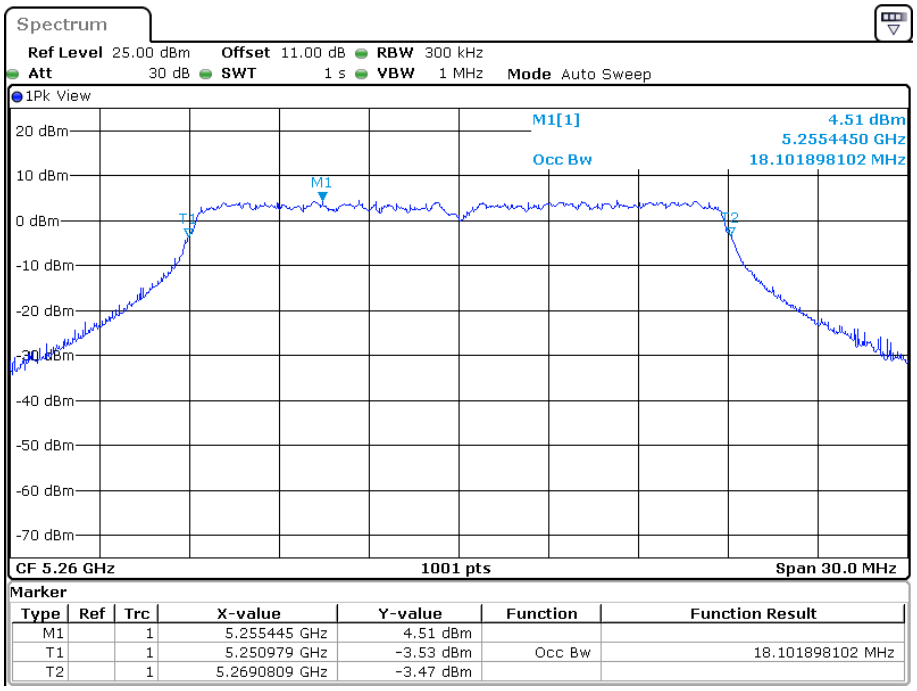
Date: 28.JUN.2022 21:26:25

802.11a mode, 5320MHz



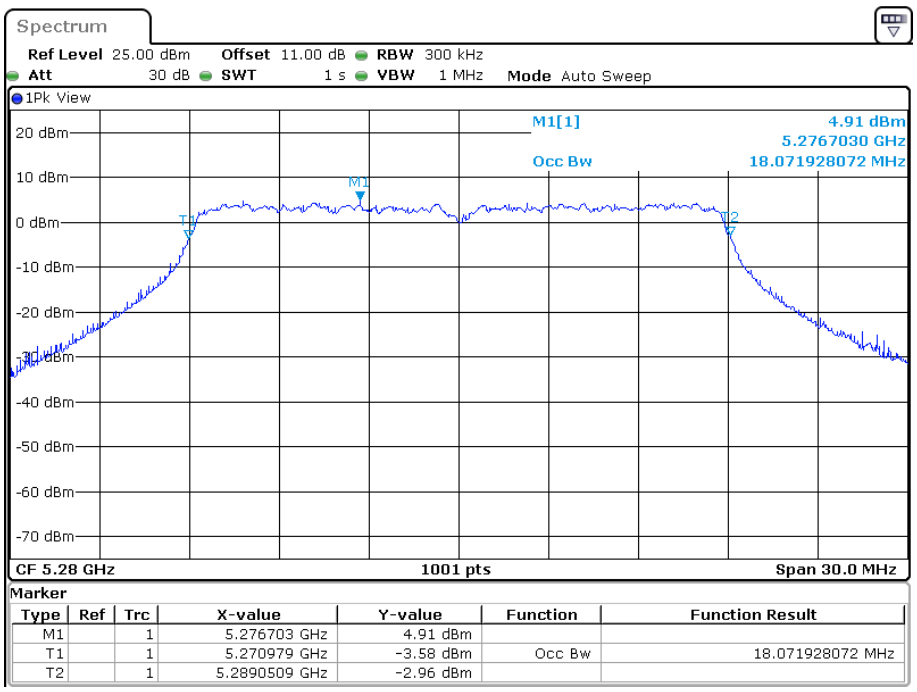
Date: 28.JUN.2022 21:41:45

802.11n20 mode,5260 MHz



Date: 29.JUN.2022 00:12:58

802.11n20 mode, 5280MHz

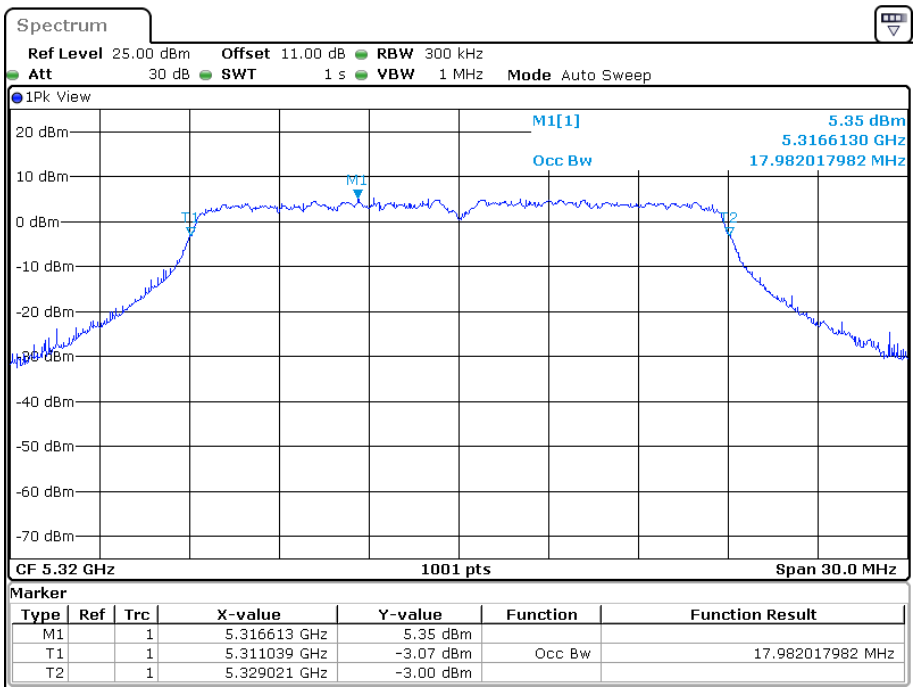


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.276703 GHz	4.91 dBm		
T1		1	5.270979 GHz	-3.58 dBm	Occ Bw	18.071928072 MHz
T2		1	5.2890509 GHz	-2.96 dBm		

Date: 29.JUN.2022 00:15:25

802.11n20 mode, 5320 MHz

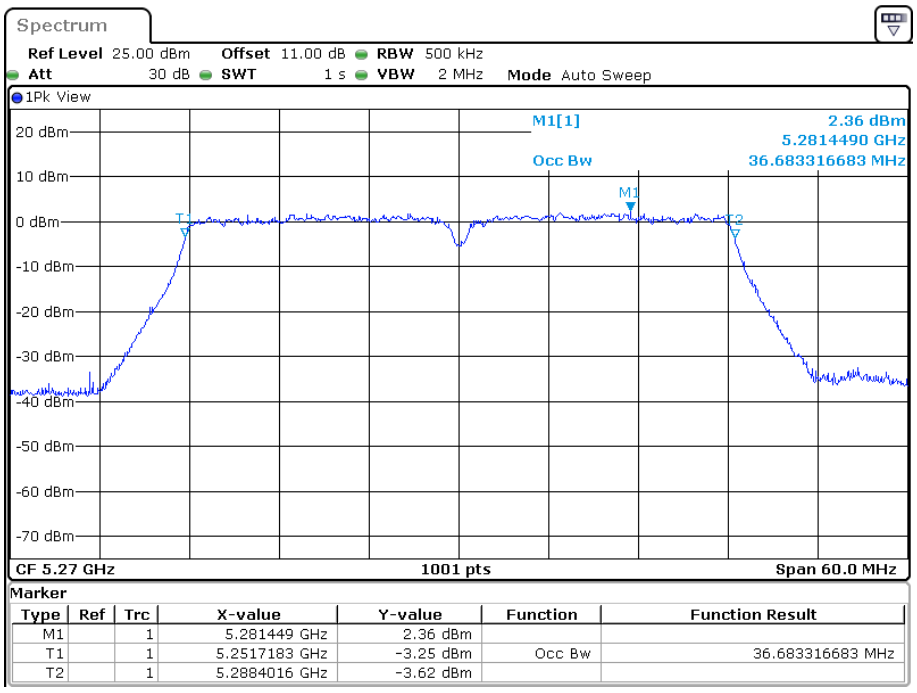


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.316613 GHz	5.35 dBm		
T1		1	5.311039 GHz	-3.07 dBm	Occ Bw	17.982017982 MHz
T2		1	5.329021 GHz	-3.00 dBm		

Date: 29.JUN.2022 00:17:56

802.11n40 mode, 5270 MHz

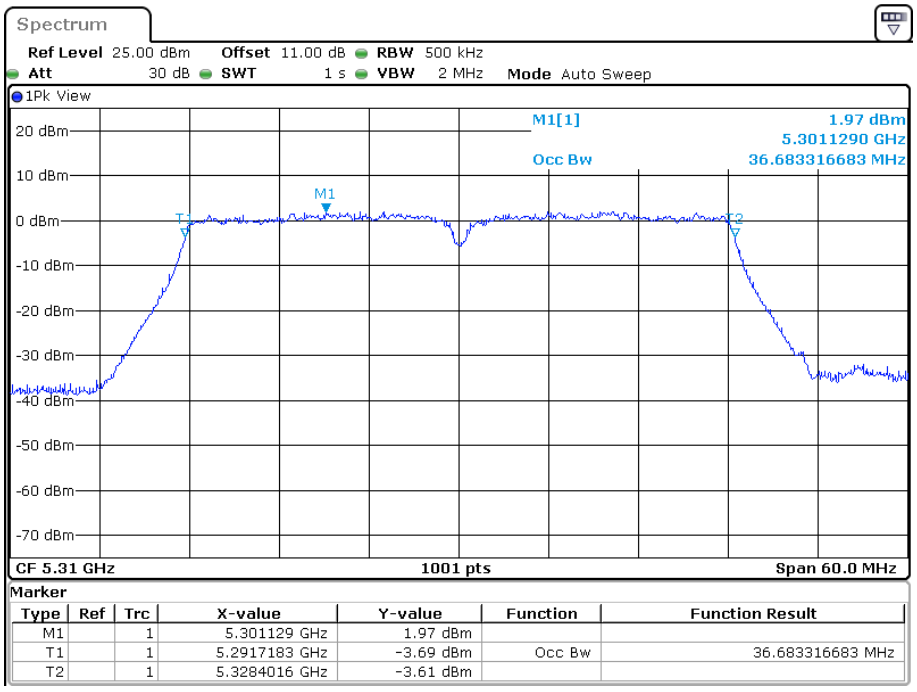


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.281449 GHz	2.36 dBm		
T1		1	5.2517183 GHz	-3.25 dBm	Occ Bw	36.683316683 MHz
T2		1	5.2884016 GHz	-3.62 dBm		

Date: 29.JUN.2022 00:34:29

802.11n40 mode, 5310 MHz

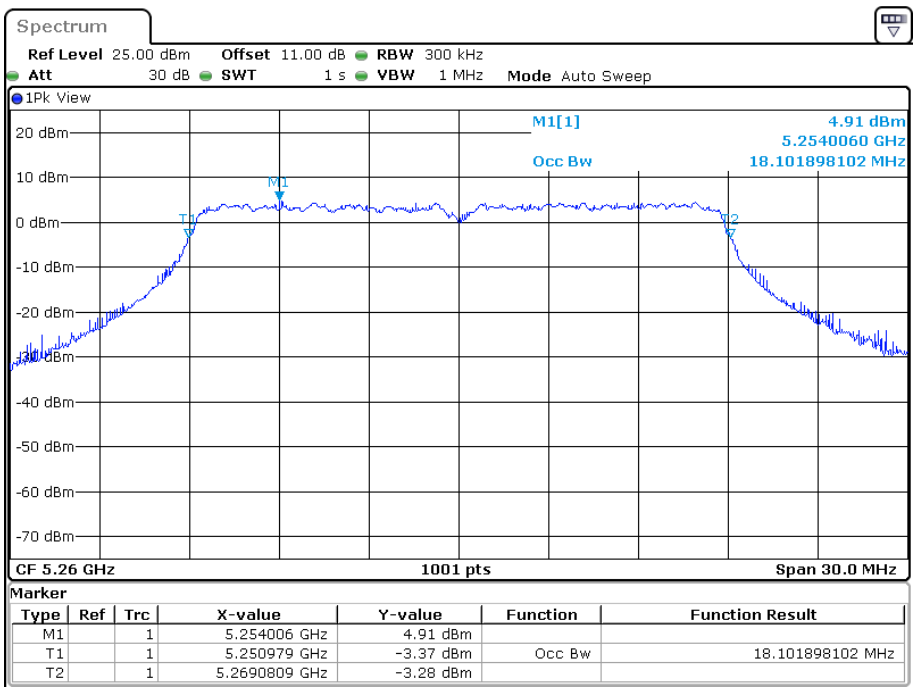


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.301129 GHz	1.97 dBm		
T1		1	5.2917183 GHz	-3.69 dBm	Occ Bw	36.683316683 MHz
T2		1	5.3284016 GHz	-3.61 dBm		

Date: 29.JUN.2022 00:37:06

802.11ac20 mode, 5260 MHz

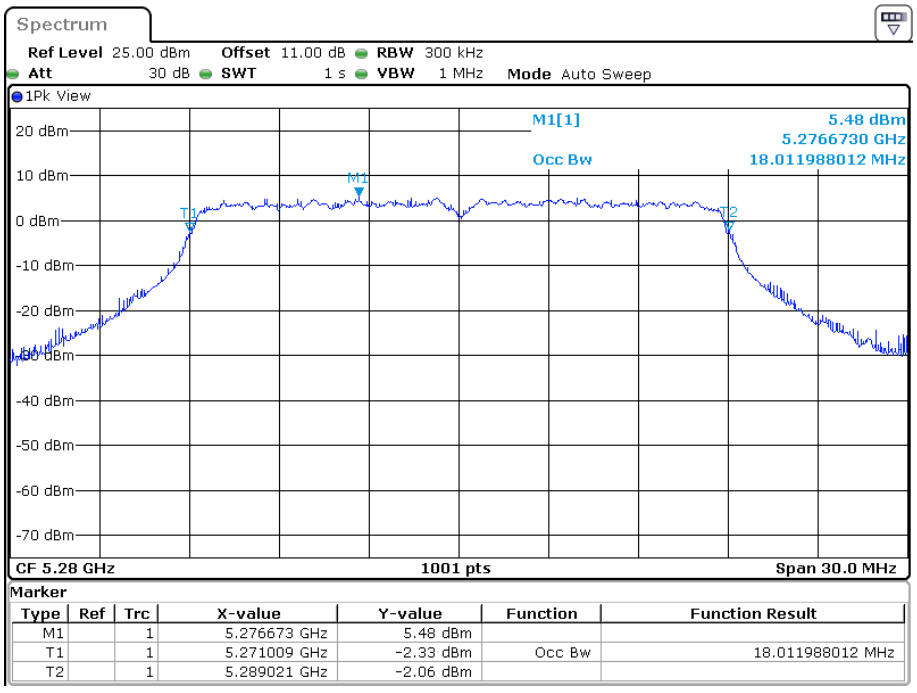


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.254006 GHz	4.91 dBm		
T1		1	5.250979 GHz	-3.37 dBm	Occ Bw	18.101898102 MHz
T2		1	5.2690809 GHz	-3.28 dBm		

Date: 29.JUN.2022 19:52:03

802.11ac20 mode, 5280 MHz

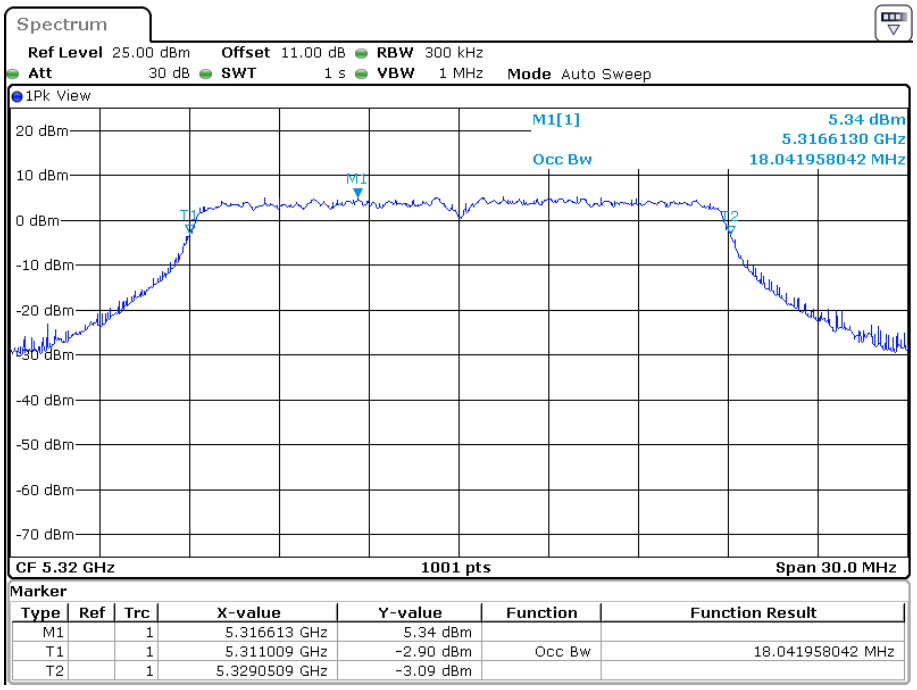


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.276673 GHz	5.48 dBm		
T1		1	5.271009 GHz	-2.33 dBm	Occ Bw	18.011988012 MHz
T2		1	5.289021 GHz	-2.06 dBm		

Date: 29.JUN.2022 22:58:01

802.11ac20 mode, 5320 MHz

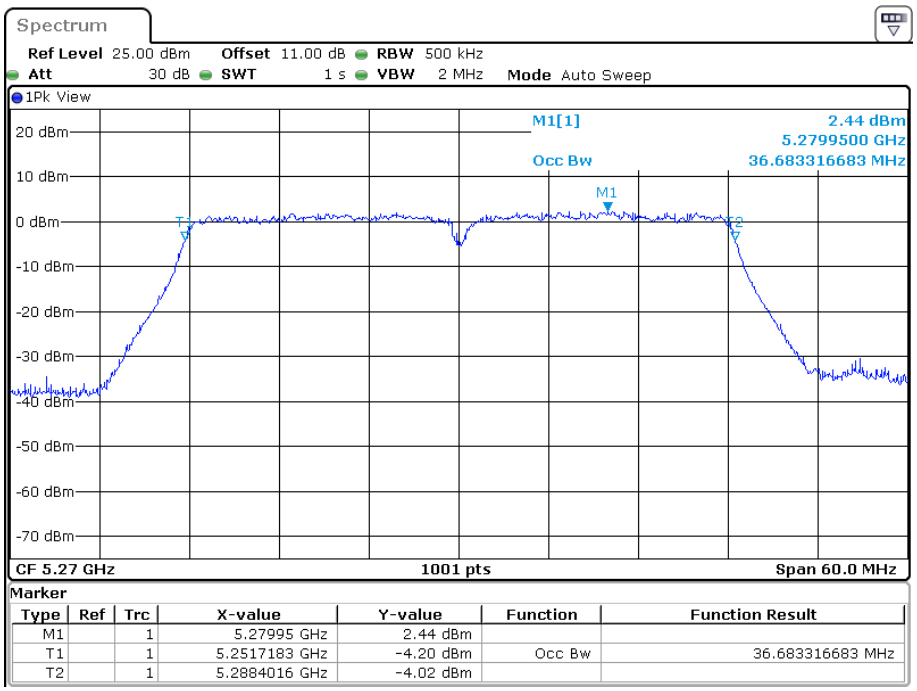


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.316613 GHz	5.34 dBm		
T1		1	5.311009 GHz	-2.90 dBm	Occ Bw	18.041958042 MHz
T2		1	5.3290509 GHz	-3.09 dBm		

Date: 29.JUN.2022 23:00:38

802.11ac40 mode, 5270 MHz

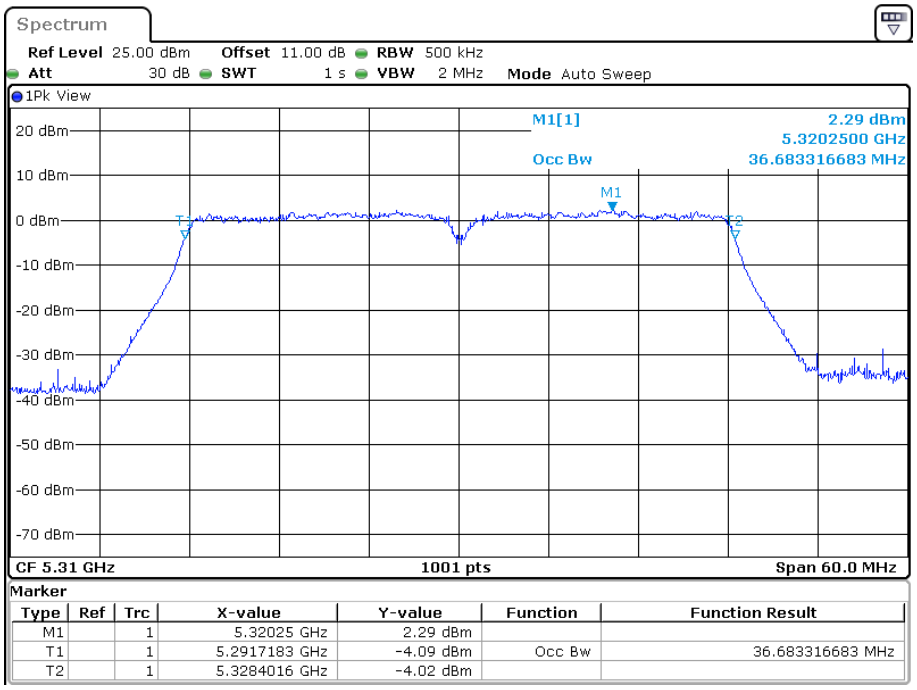


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.27995 GHz	2.44 dBm		
T1		1	5.2517183 GHz	-4.20 dBm	Occ Bw	36.683316683 MHz
T2		1	5.2884016 GHz	-4.02 dBm		

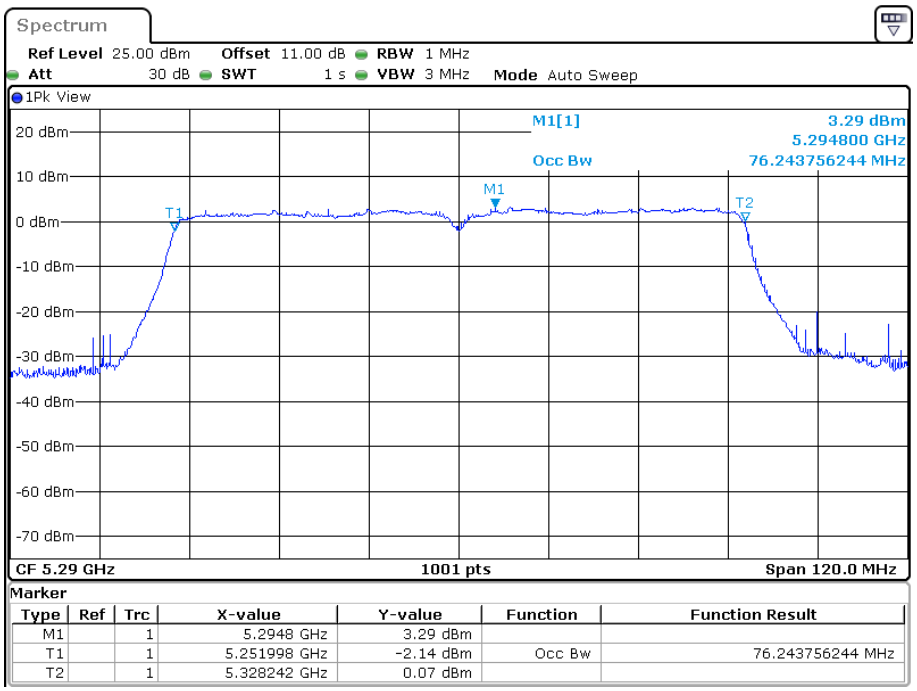
Date: 30.JUN.2022 00:30:06

802.11ac40 mode, 5310MHz



Date: 30.JUN.2022 00:33:03

802.11ac80 mode, 5290 MHz



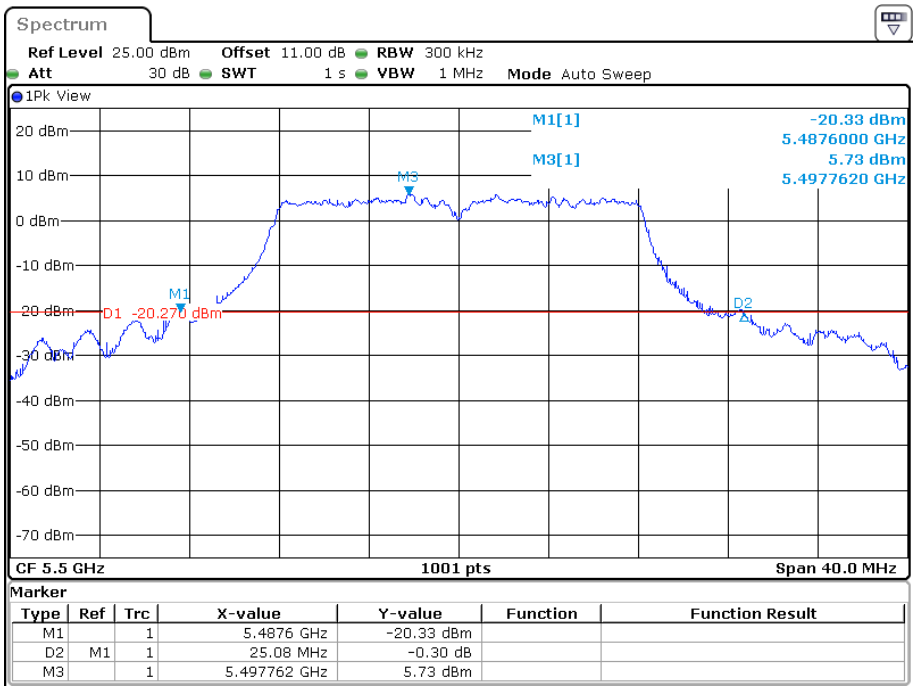
Date: 30.JUN.2022 00:48:09

5470-5725MHz:

Frequency (MHz)	Antenna Port	26dB bandwidth (MHz)	99% Bandwidth (MHz)
802.11a			
5500	Ant1	25.08	16.96
5580	Ant1	23.12	16.96
5700	Ant1	22.32	16.96
802.11n20			
5500	Ant1	24.24	17.98
5580	Ant1	24.40	17.95
5700	Ant1	23.64	17.98
802.11n40			
5510	Ant1	42.80	36.80
5550	Ant1	43..12	36.80
5670	Ant1	42.88	36.68
802.11ac20			
5500	Ant1	24.16	18.07
5580	Ant1	23.80	17.98
5700	Ant1	23.32	18.10
802.11ac40			
5510	Ant1	43.04	36.74
5550	Ant1	42.80	36.68
5670	Ant1	42.80	36.68
802.11ac80			
5530	Ant1	86.72	76.48
5610	Ant1	86.40	76.48

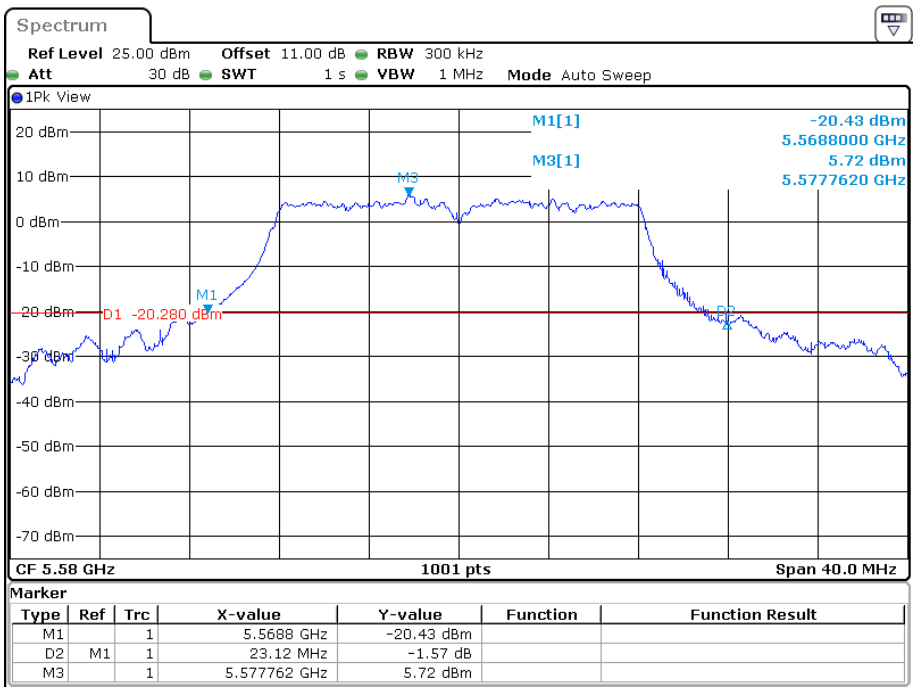
26 dB Emission Bandwidth

802.11a mode, 5500MHz



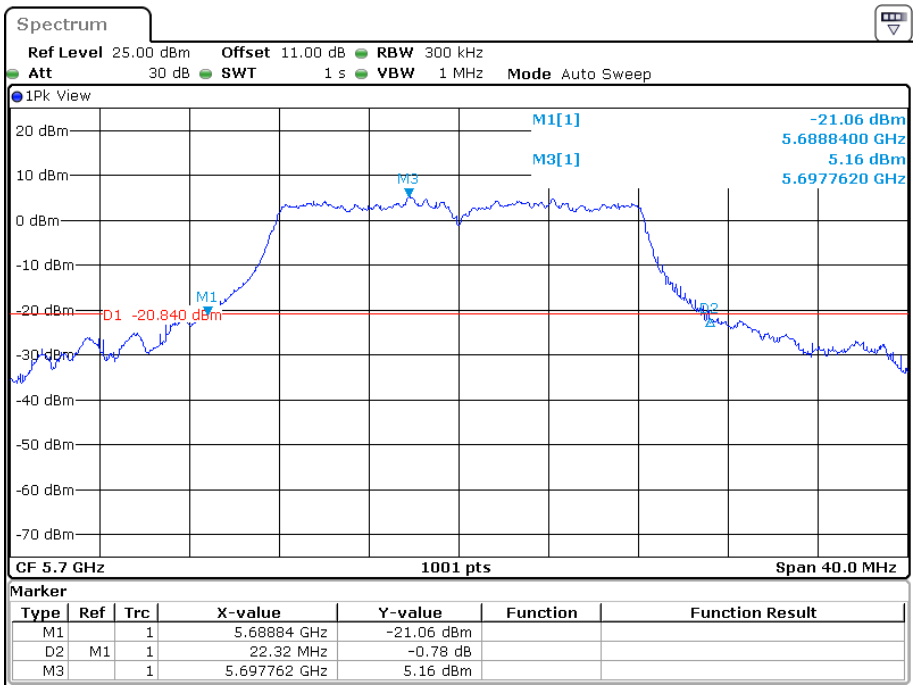
Date: 28.JUN.2022 21:46:28

802.11a mode, 5580MHz



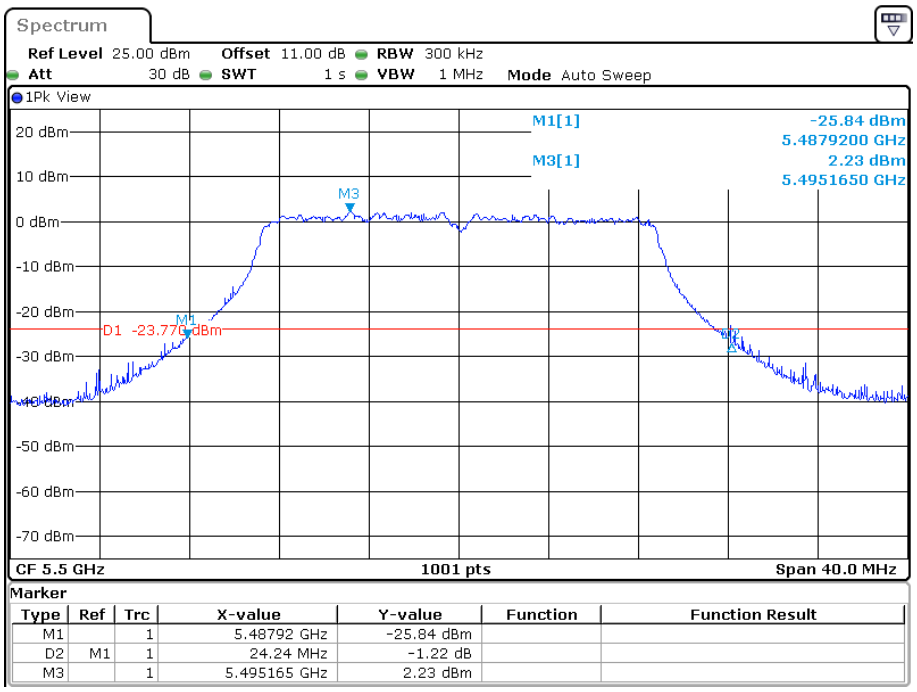
Date: 28.JUN.2022 21:48:26

802.11a mode, 5700MHz



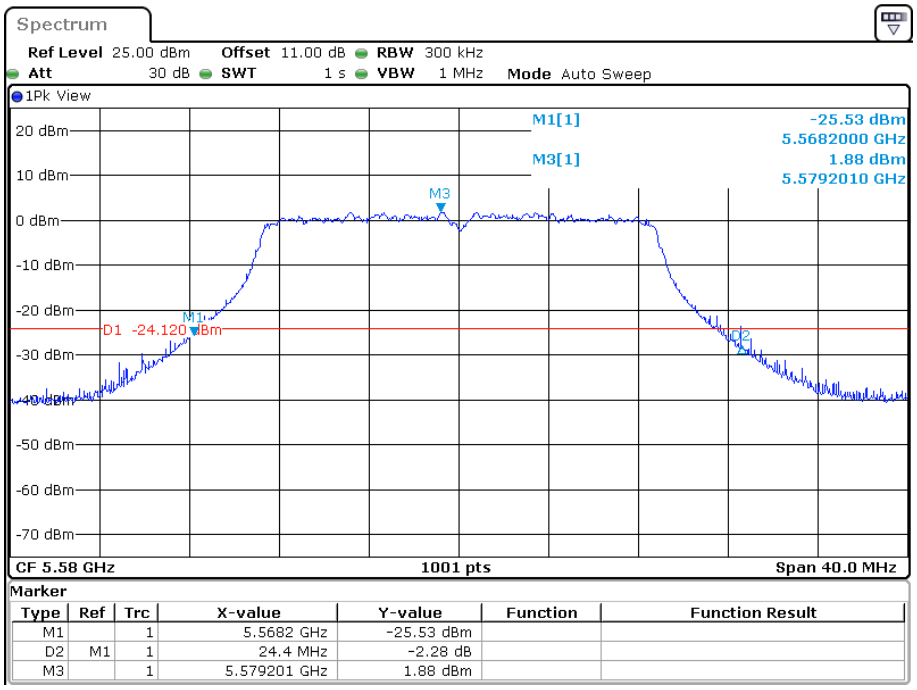
Date: 28.JUN.2022 21:50:54

802.11n20 mode,5500 MHz



Date: 29.JUN.2022 00:21:04

802.11n20 mode, 5580 MHz

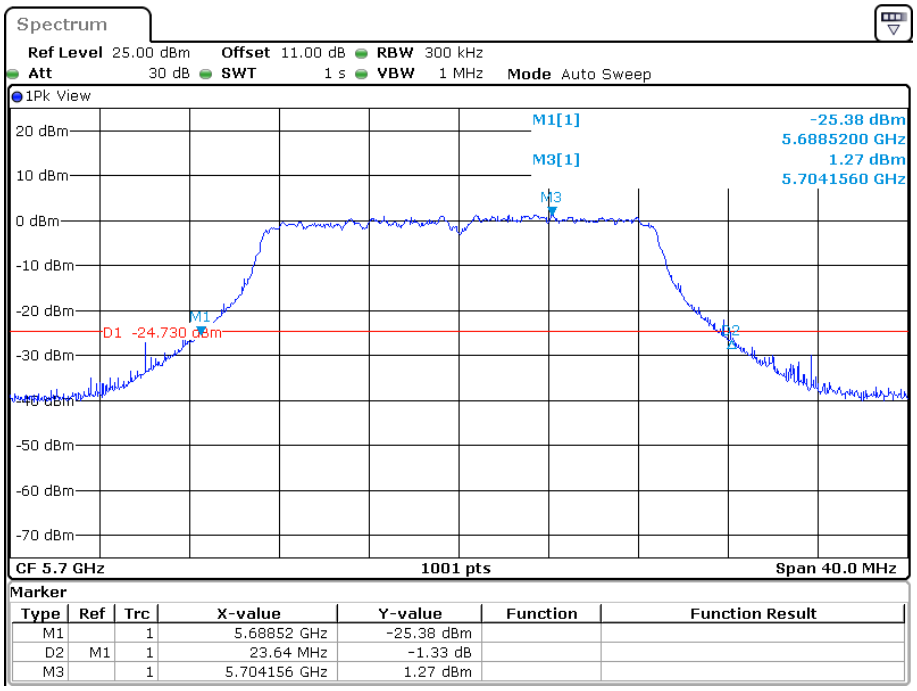


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5682 GHz	-25.53 dBm		
D2	M1	1	24.4 MHz	-2.28 dB		
M3		1	5.579201 GHz	1.88 dBm		

Date: 29.JUN.2022 00:23:39

802.11n20 mode, 5700 MHz

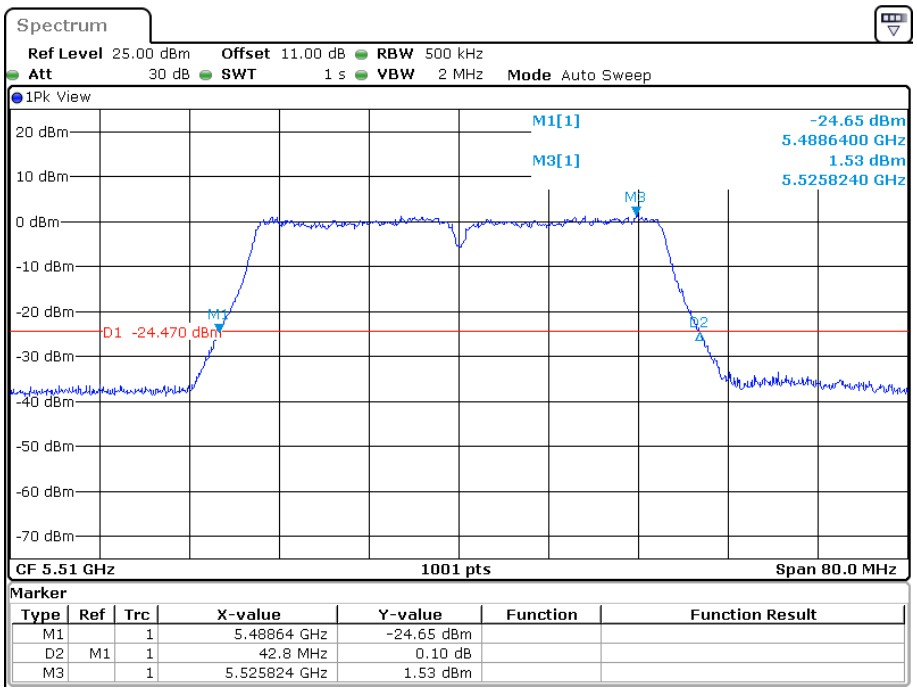


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68852 GHz	-25.38 dBm		
D2	M1	1	23.64 MHz	-1.33 dB		
M3		1	5.704156 GHz	1.27 dBm		

Date: 29.JUN.2022 00:26:09

802.11n40 mode, 5510 MHz

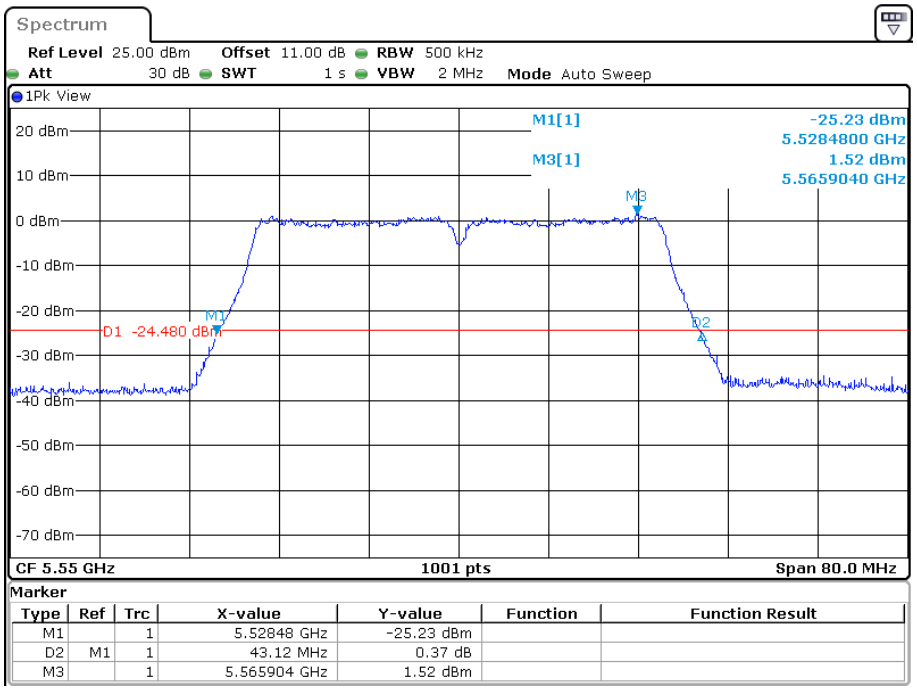


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48864 GHz	-24.65 dBm		
D2	M1	1	42.8 MHz	0.10 dB		
M3		1	5.525824 GHz	1.53 dBm		

Date: 29.JUN.2022 00:40:01

802.11n40 mode, 5550 MHz

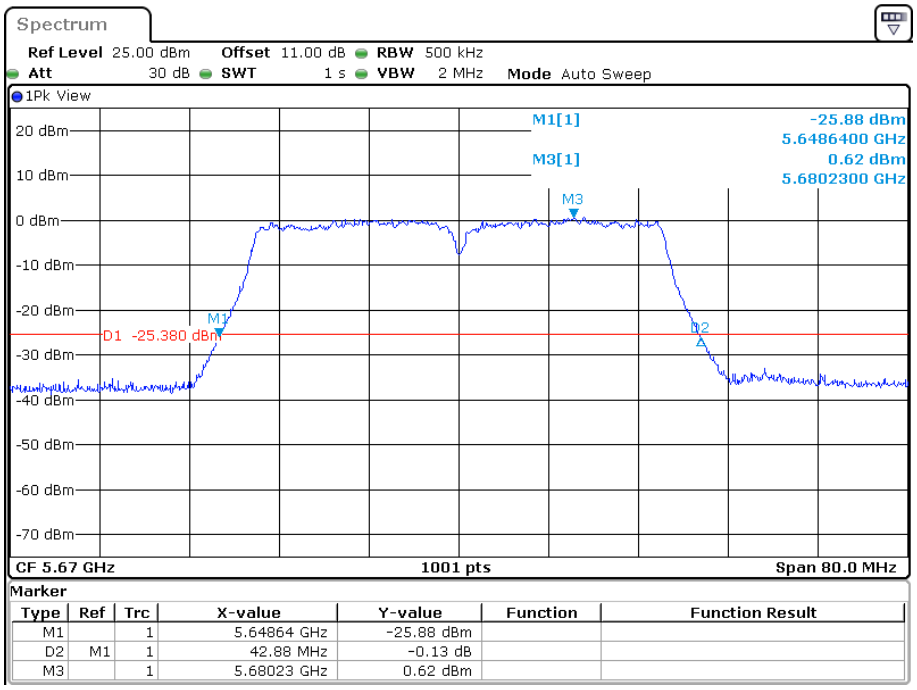


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52848 GHz	-25.23 dBm		
D2	M1	1	43.12 MHz	0.37 dB		
M3		1	5.565904 GHz	1.52 dBm		

Date: 29.JUN.2022 00:42:31

802.11n40 mode, 5670MHz

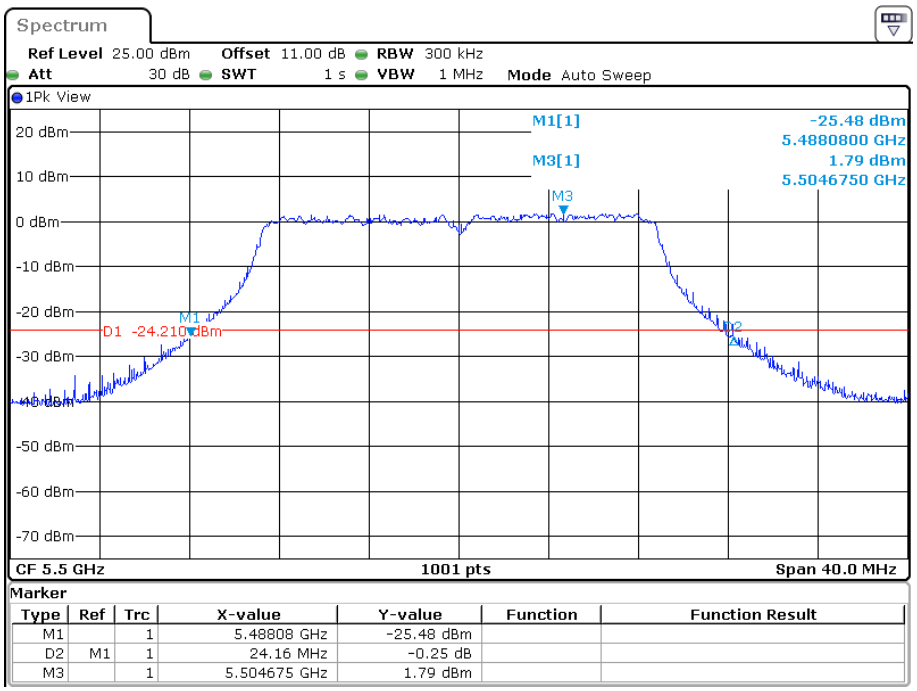


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.64864 GHz	-25.88 dBm		
D2	M1	1	42.88 MHz	-0.13 dB		
M3		1	5.68023 GHz	0.62 dBm		

Date: 29.JUN.2022 00:45:10

802.11ac20 mode, 5500MHz

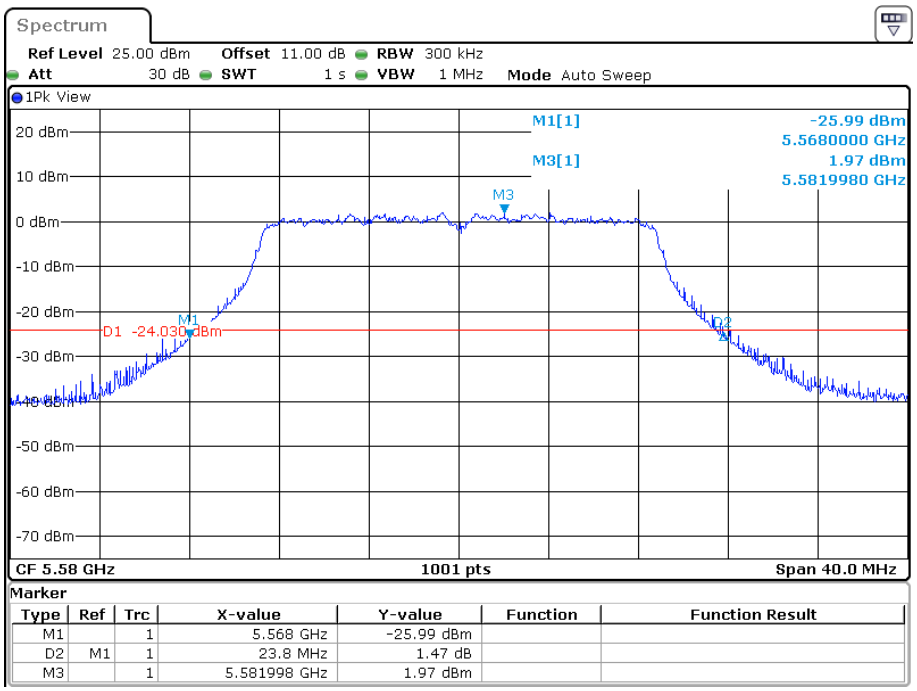


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48808 GHz	-25.48 dBm		
D2	M1	1	24.16 MHz	-0.25 dB		
M3		1	5.504675 GHz	1.79 dBm		

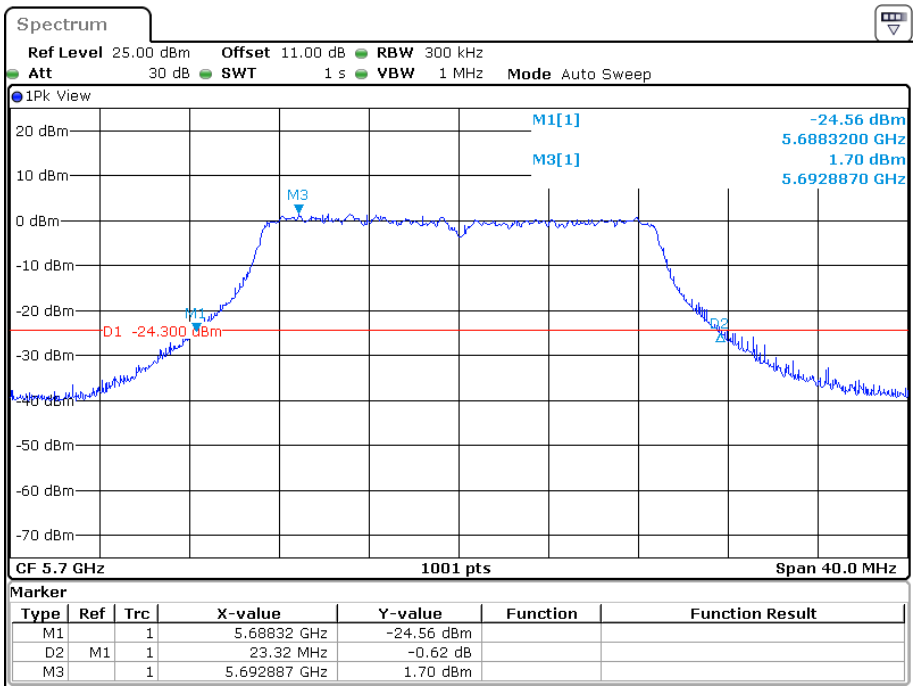
Date: 29.JUN.2022 23:03:40

802.11ac20 mode, 5580 MHz



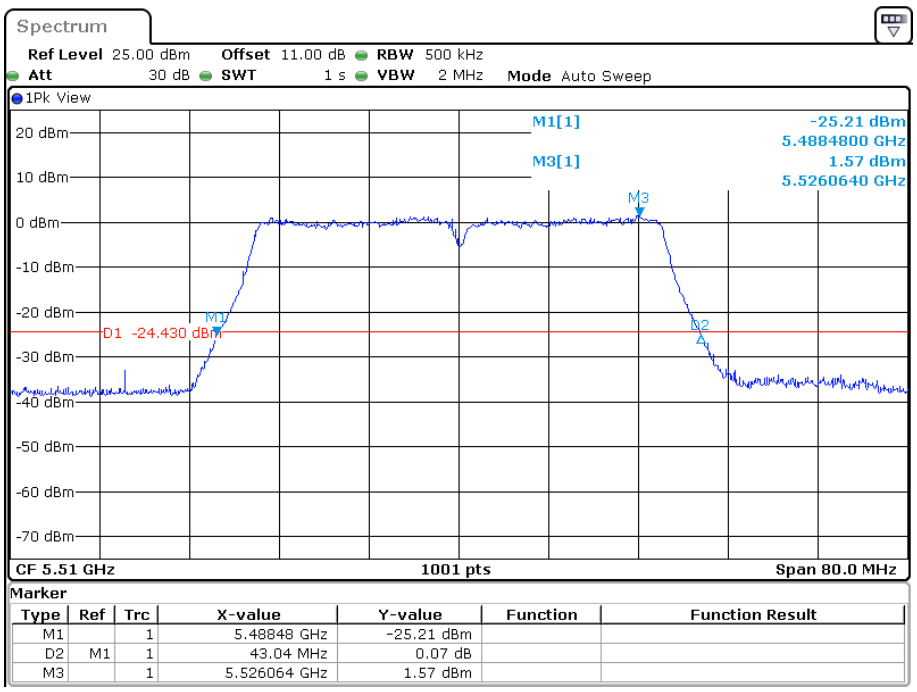
Date: 29.JUN.2022 23:06:10

802.11ac20 mode, 5700MHz



Date: 29.JUN.2022 23:08:40

802.11ac40 mode, 5510MHz

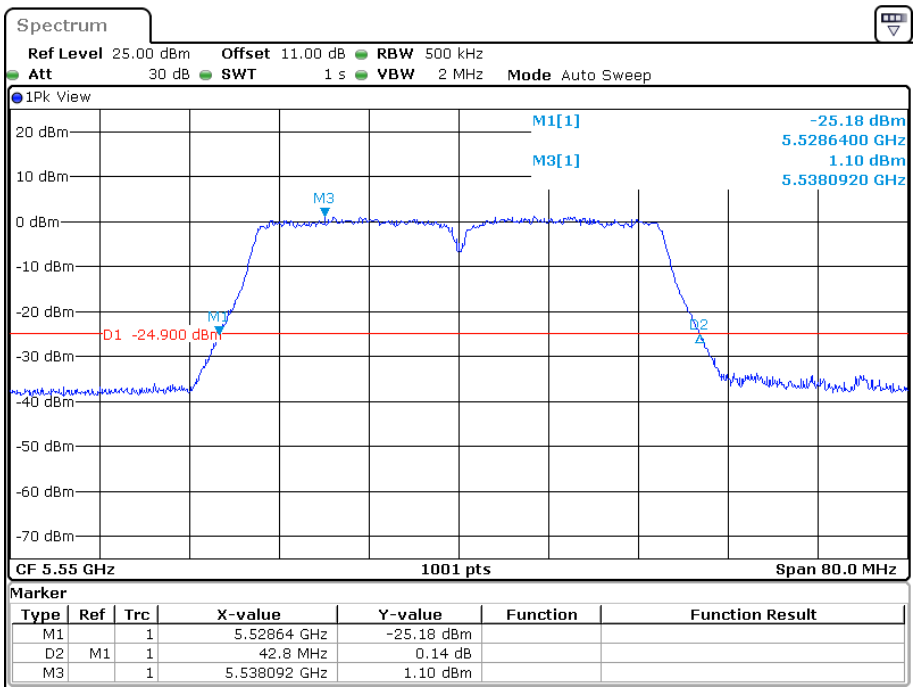


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48848 GHz	-25.21 dBm		
D2	M1	1	43.04 MHz	0.07 dB		
M3		1	5.526064 GHz	1.57 dBm		

Date: 30.JUN.2022 00:36:19

802.11ac40 mode, 5550 MHz

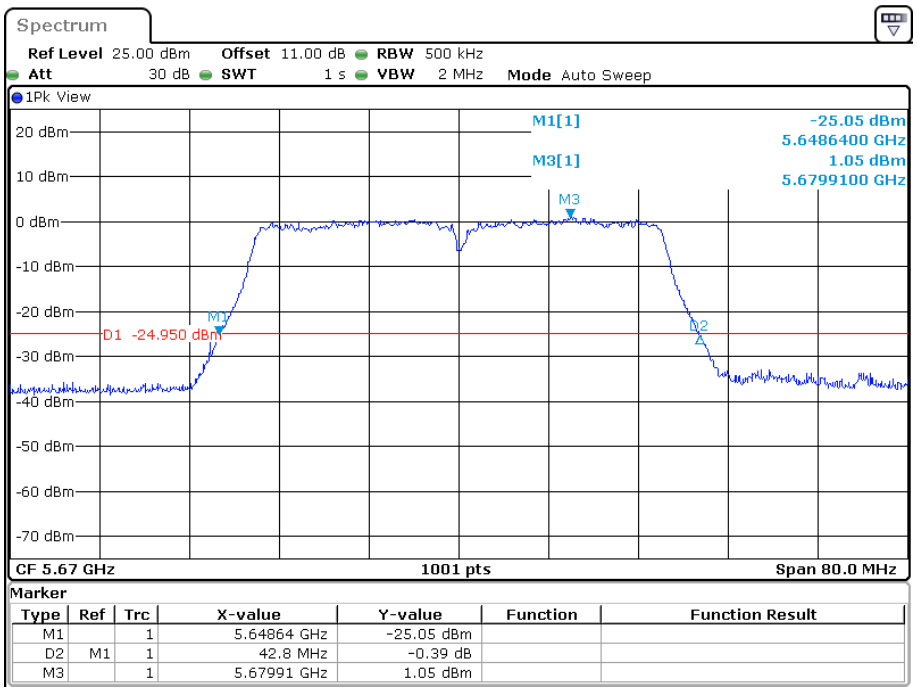


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52864 GHz	-25.18 dBm		
D2	M1	1	42.8 MHz	0.14 dB		
M3		1	5.538092 GHz	1.10 dBm		

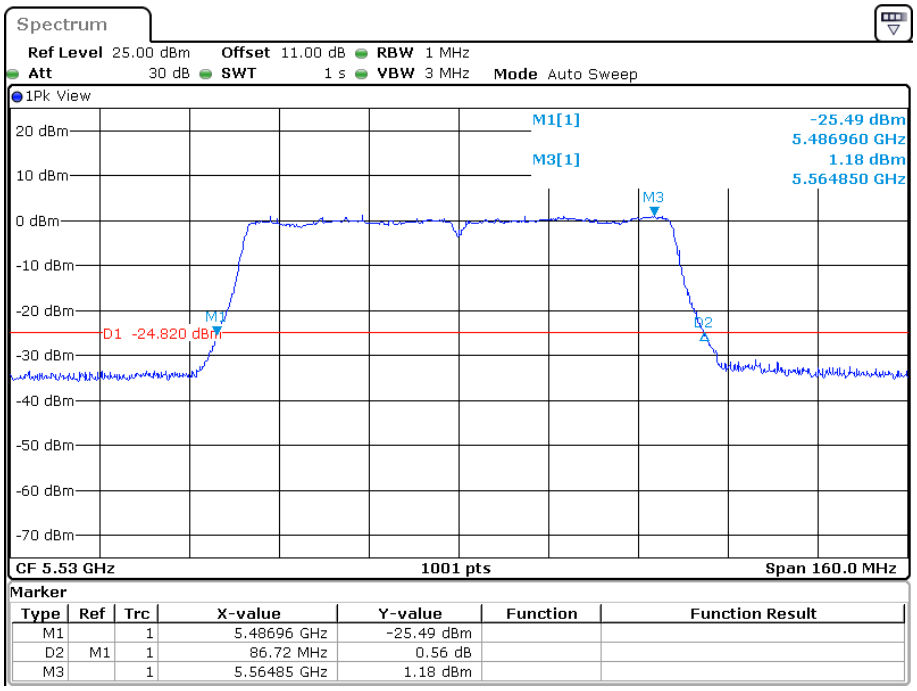
Date: 30.JUN.2022 00:38:45

802.11ac40 mode, 5670 MHz



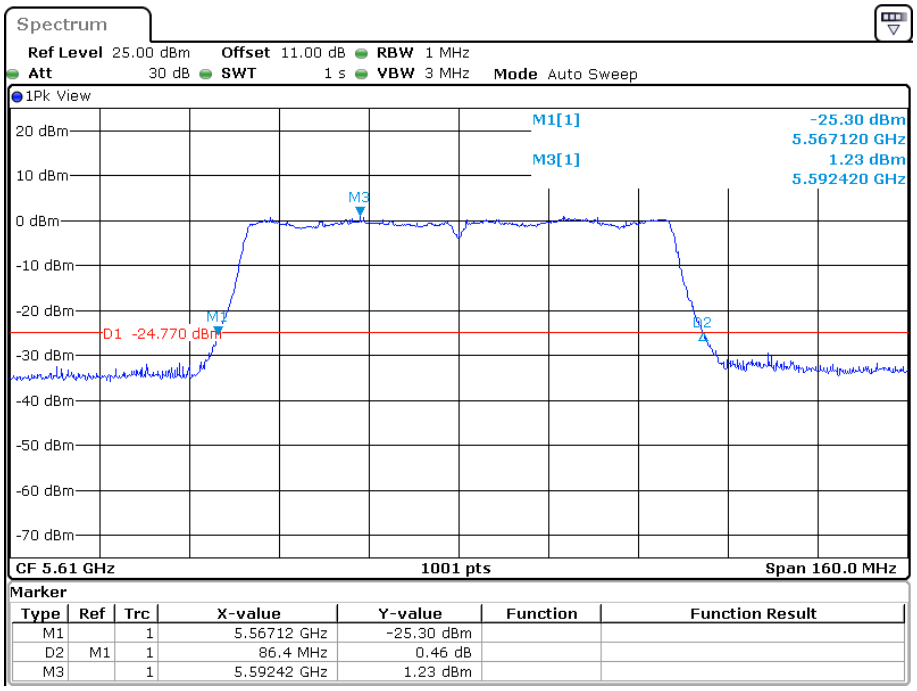
Date: 30.JUN.2022 00:41:40

802.11ac80 mode, 5530MHz



Date: 30.JUN.2022 00:52:34

802.11ac80 mode, 5610MHz

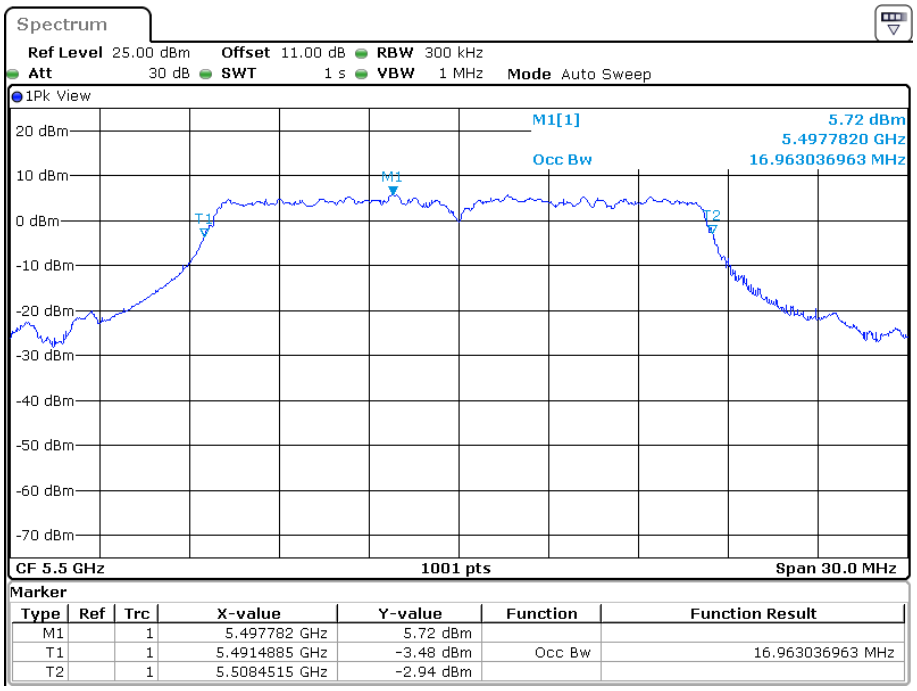


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.56712 GHz	-25.30 dBm		
D2	M1	1	86.4 MHz	0.46 dB		
M3		1	5.59242 GHz	1.23 dBm		

Date: 30.JUN.2022 00:55:09

99% Occupied Bandwidth

802.11a mode, 5500MHz

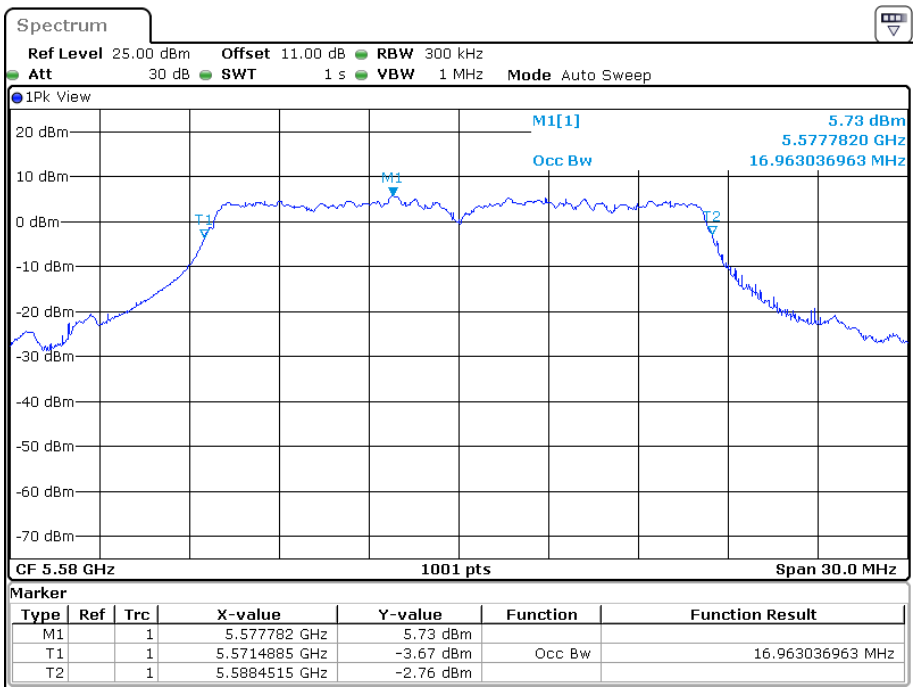


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.497782 GHz	5.72 dBm		
T1		1	5.4914885 GHz	-3.48 dBm	Occ Bw	16.963036963 MHz
T2		1	5.5084515 GHz	-2.94 dBm		

Date: 28.JUN.2022 21:44:17

802.11a mode, 5580MHz

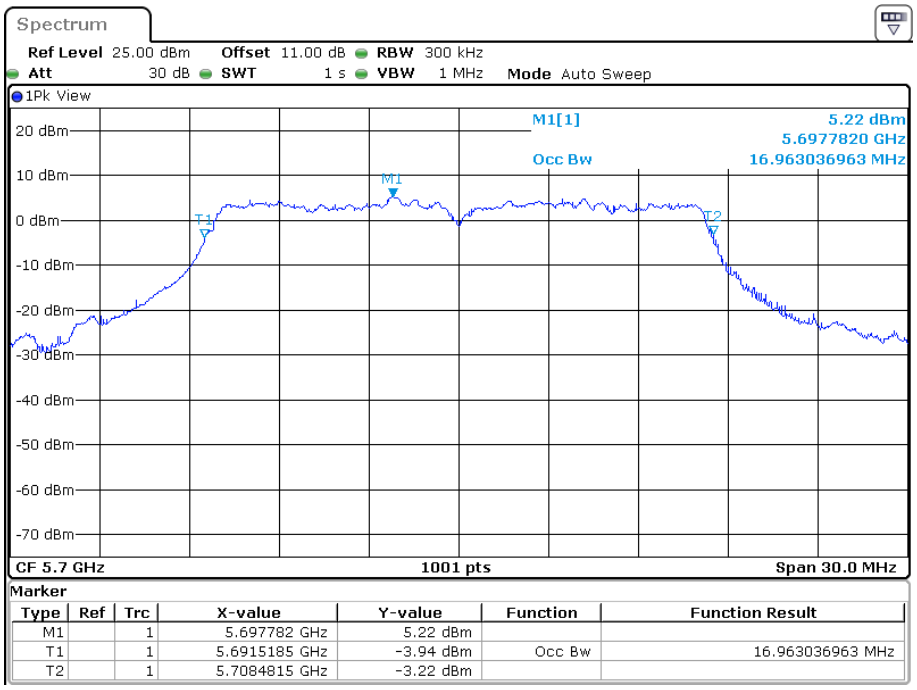


Marker

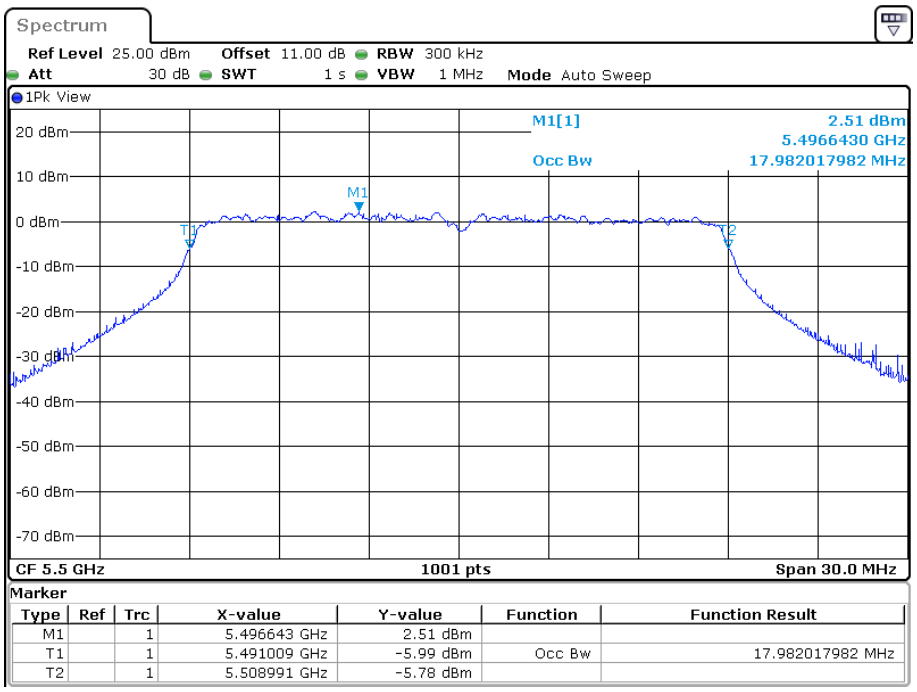
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.577782 GHz	5.73 dBm		
T1		1	5.5714885 GHz	-3.67 dBm	Occ Bw	16.963036963 MHz
T2		1	5.5884515 GHz	-2.76 dBm		

Date: 28.JUN.2022 21:47:56

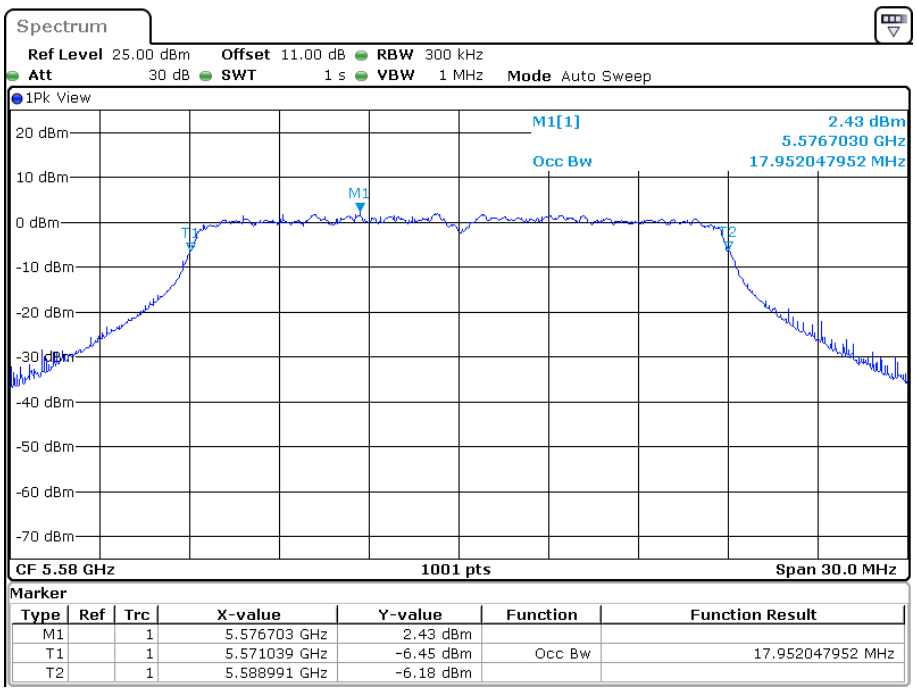
802.11a mode, 5700MHz



802.11n20 mode,5500 MHz



802.11n20 mode, 5580 MHz

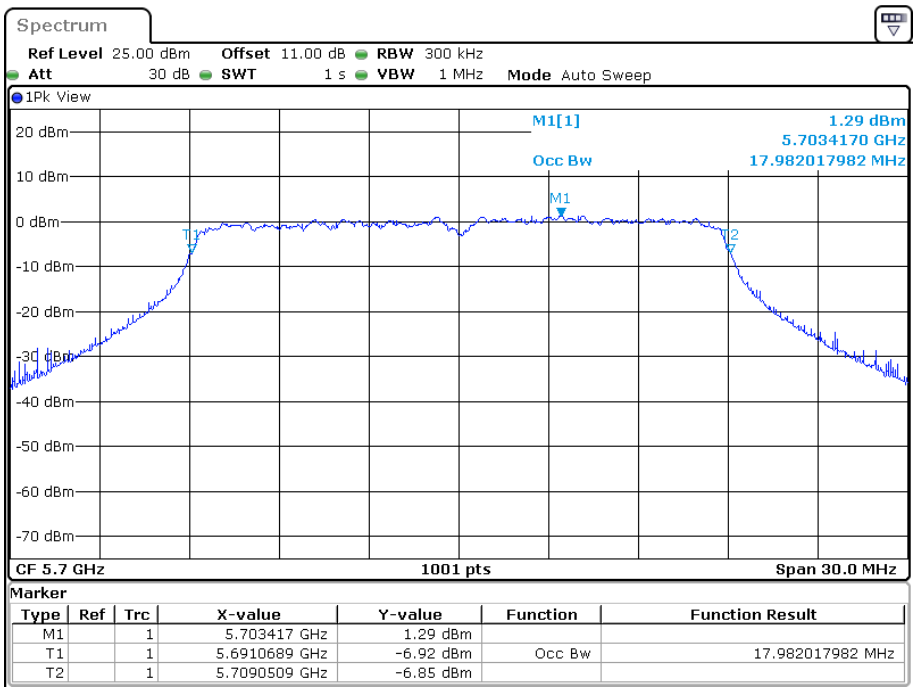


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.576703 GHz	2.43 dBm		
T1		1	5.571039 GHz	-6.45 dBm	Occ Bw	17.952047952 MHz
T2		1	5.588991 GHz	-6.18 dBm		

Date: 29.JUN.2022 00:23:10

802.11n20 mode, 5700 MHz

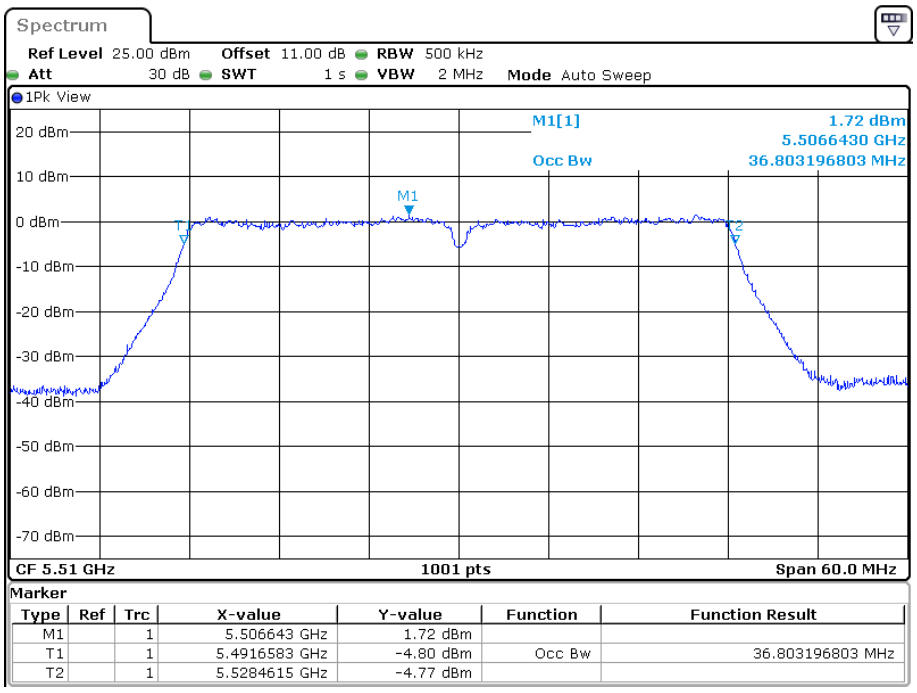


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.703417 GHz	1.29 dBm		
T1		1	5.6910689 GHz	-6.92 dBm	Occ Bw	17.982017982 MHz
T2		1	5.7090509 GHz	-6.85 dBm		

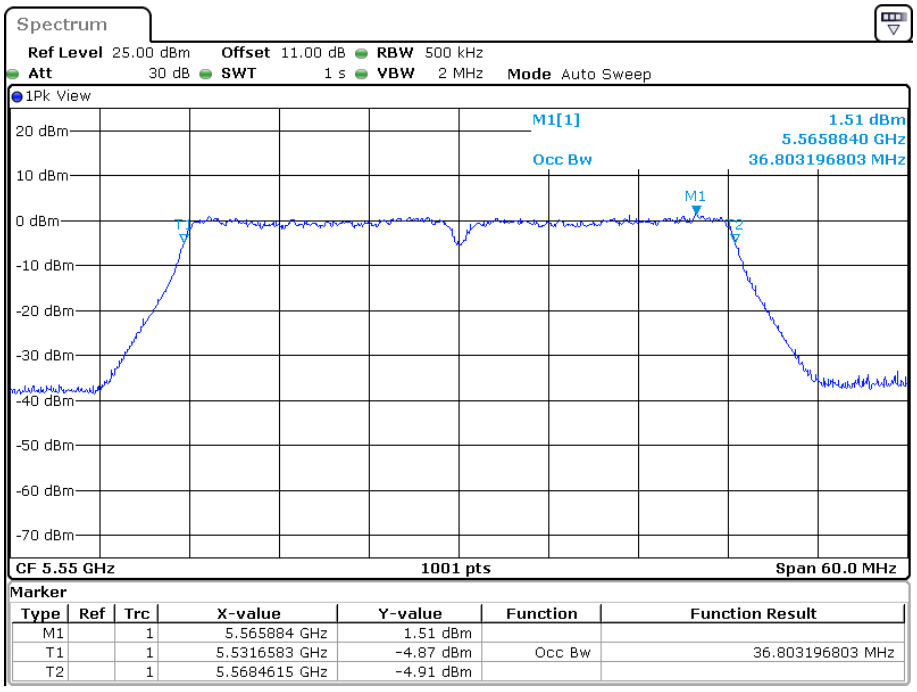
Date: 29.JUN.2022 00:25:40

802.11n40 mode, 5510 MHz



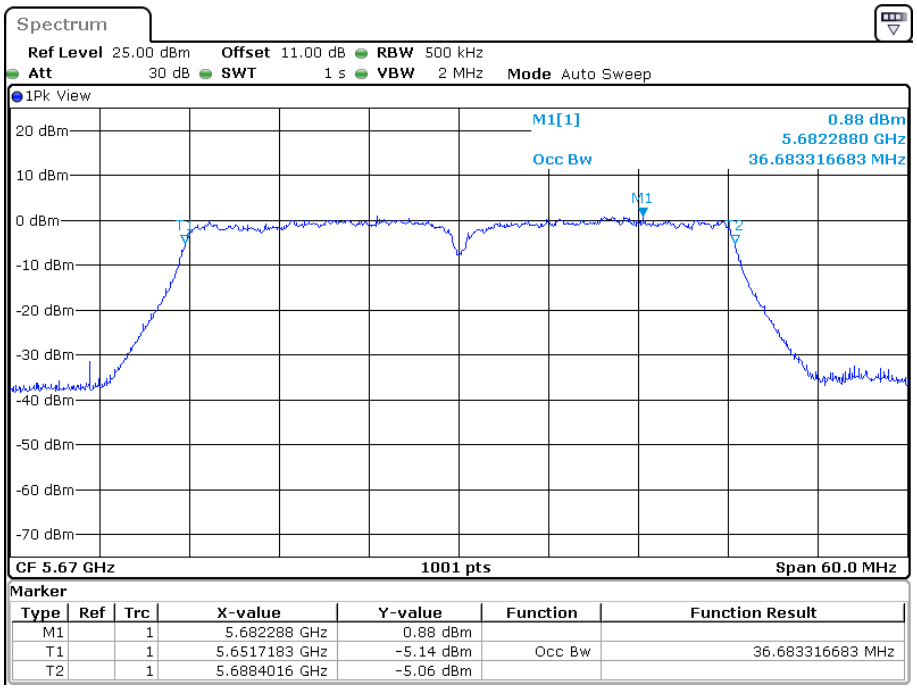
Date: 29.JUN.2022 00:39:32

802.11n40 mode, 5550 MHz



Date: 29.JUN.2022 00:42:02

802.11n40 mode, 5670 MHz

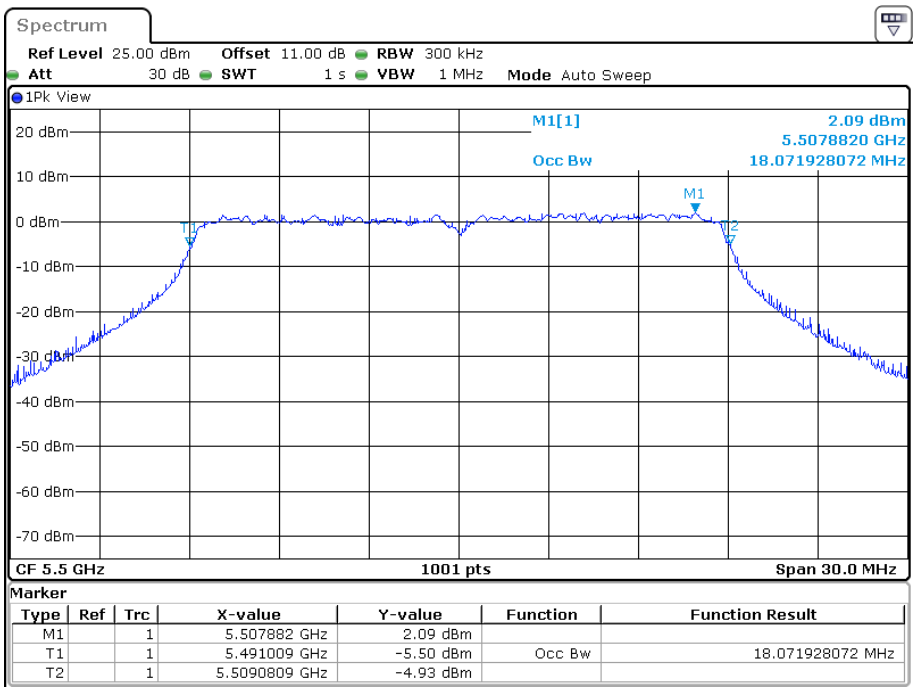


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.682288 GHz	0.88 dBm		
T1		1	5.6517183 GHz	-5.14 dBm	Occ Bw	36.683316683 MHz
T2		1	5.6884016 GHz	-5.06 dBm		

Date: 29.JUN.2022 00:44:40

802.11ac20 mode, 5500MHz

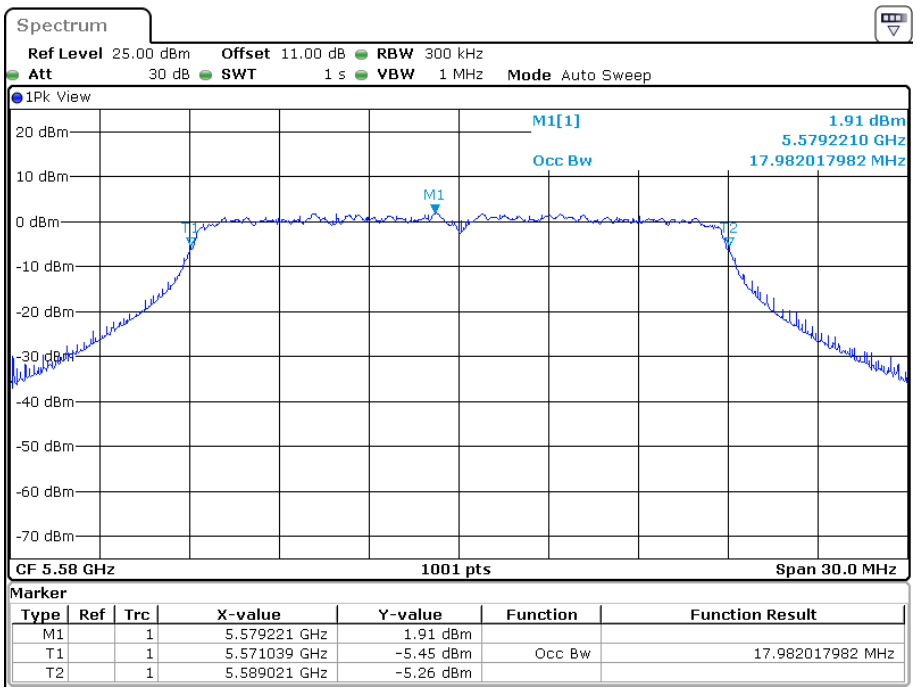


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.507882 GHz	2.09 dBm		
T1		1	5.491009 GHz	-5.50 dBm	Occ Bw	18.071928072 MHz
T2		1	5.5090809 GHz	-4.93 dBm		

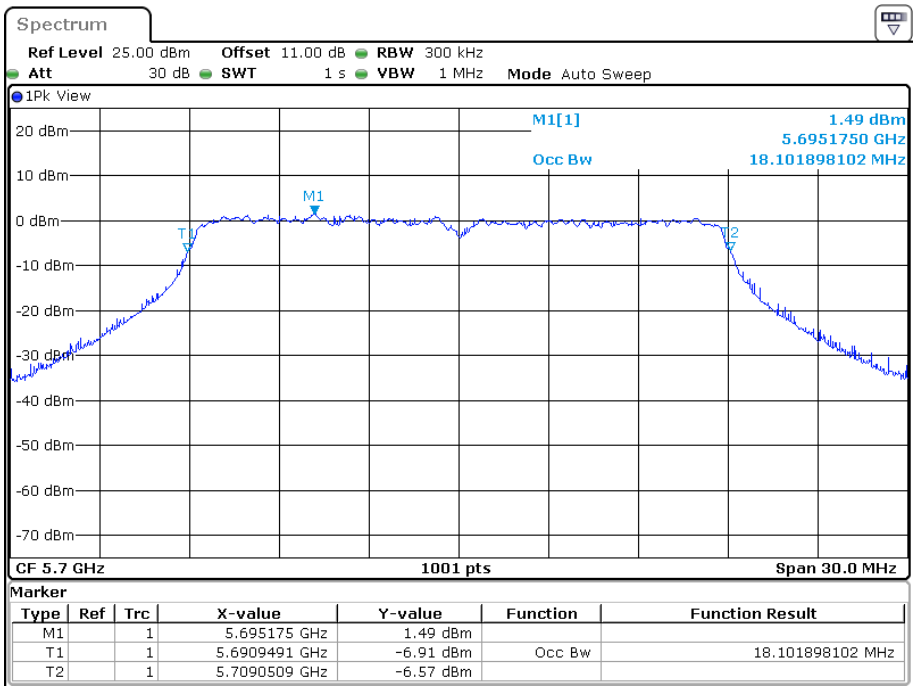
Date: 29.JUN.2022 23:03:10

802.11ac20 mode, 5580 MHz



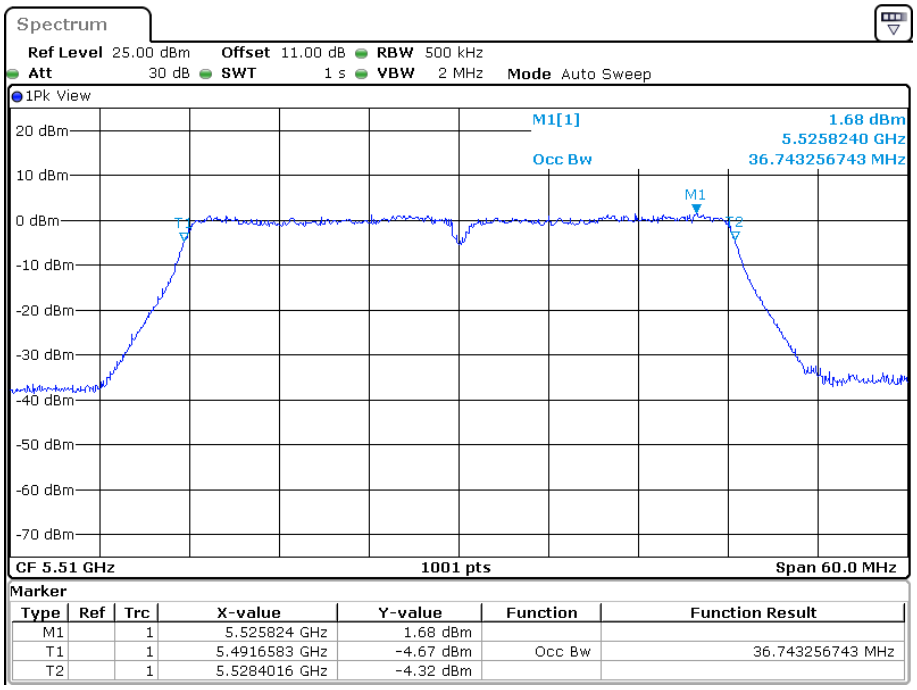
Date: 29.JUN.2022 23:05:41

802.11ac20 mode, 5700MHz



Date: 29.JUN.2022 23:08:11

802.11ac40 mode, 5510MHz

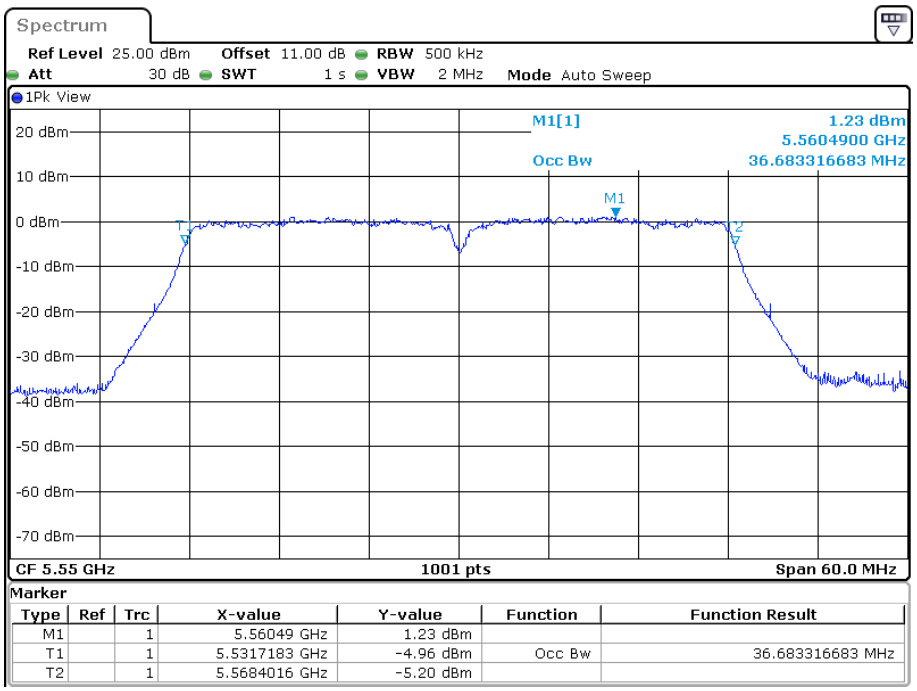


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.525824 GHz	1.68 dBm		
T1		1	5.4916583 GHz	-4.67 dBm	Occ Bw	36.743256743 MHz
T2		1	5.5284016 GHz	-4.32 dBm		

Date: 30.JUN.2022 00:35:49

802.11ac40 mode, 5550 MHz

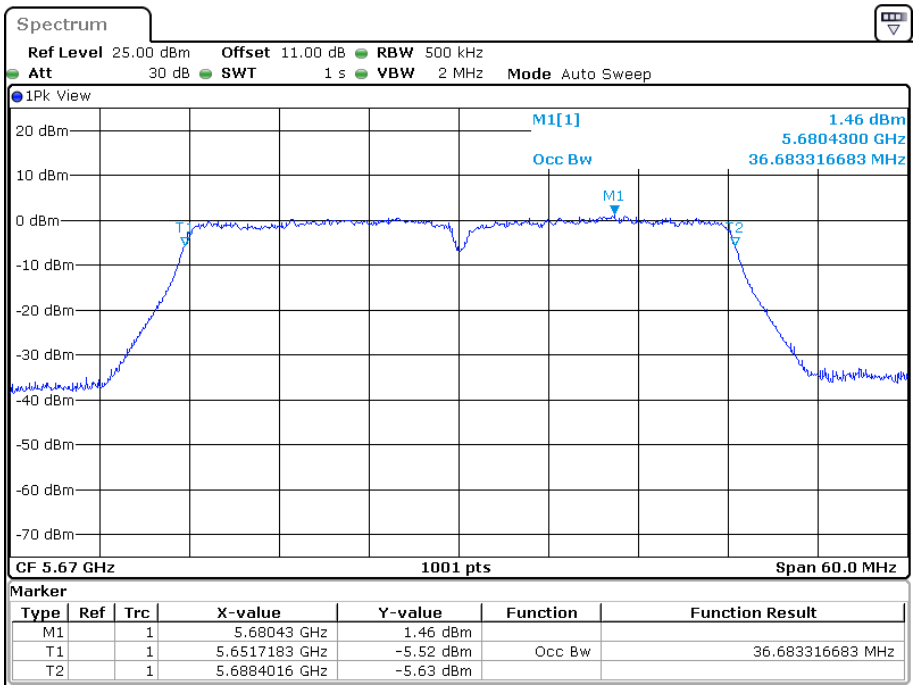


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.56049 GHz	1.23 dBm		
T1		1	5.5317183 GHz	-4.96 dBm	Occ Bw	36.683316683 MHz
T2		1	5.5684016 GHz	-5.20 dBm		

Date: 30.JUN.2022 00:38:16

802.11ac40 mode, 5670 MHz

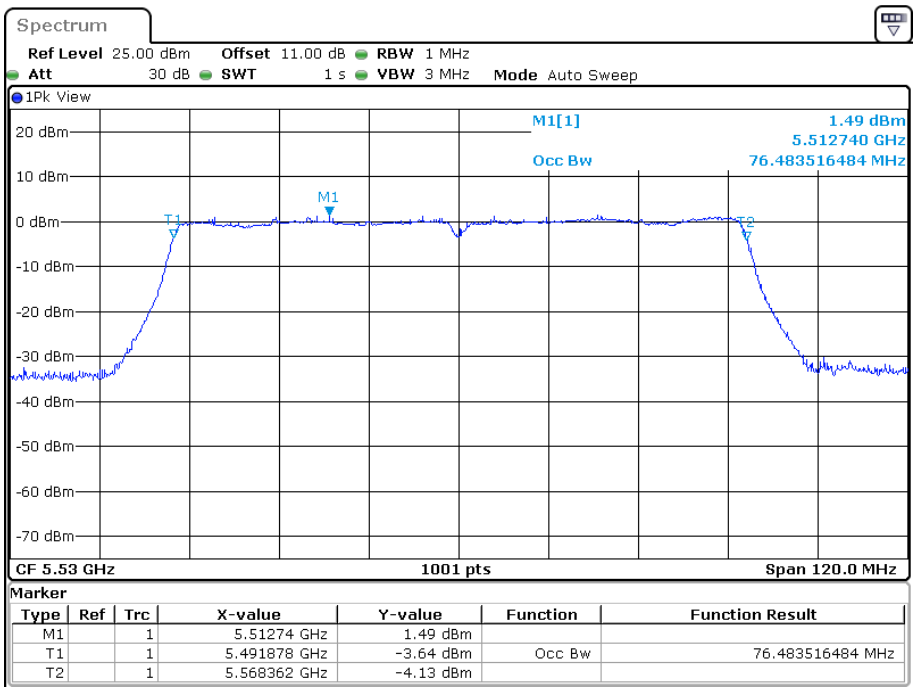


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.68043 GHz	1.46 dBm		
T1		1	5.6517183 GHz	-5.52 dBm	Occ Bw	36.683316683 MHz
T2		1	5.6884016 GHz	-5.63 dBm		

Date: 30.JUN.2022 00:41:09

802.11ac80 mode, 5530MHz

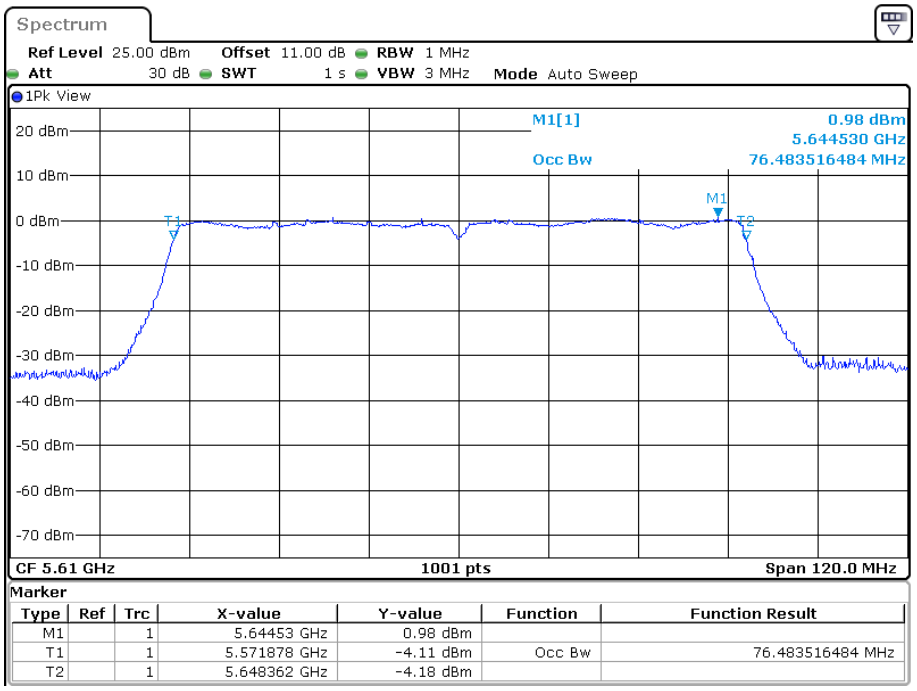


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.51274 GHz	1.49 dBm		
T1		1	5.491878 GHz	-3.64 dBm	Occ Bw	76.483516484 MHz
T2		1	5.568362 GHz	-4.13 dBm		

Date: 30.JUN.2022 00:52:04

802.11ac80 mode, 5610MHz



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.64453 GHz	0.98 dBm		
T1		1	5.571878 GHz	-4.11 dBm	Occ Bw	76.483516484 MHz
T2		1	5.648362 GHz	-4.18 dBm		

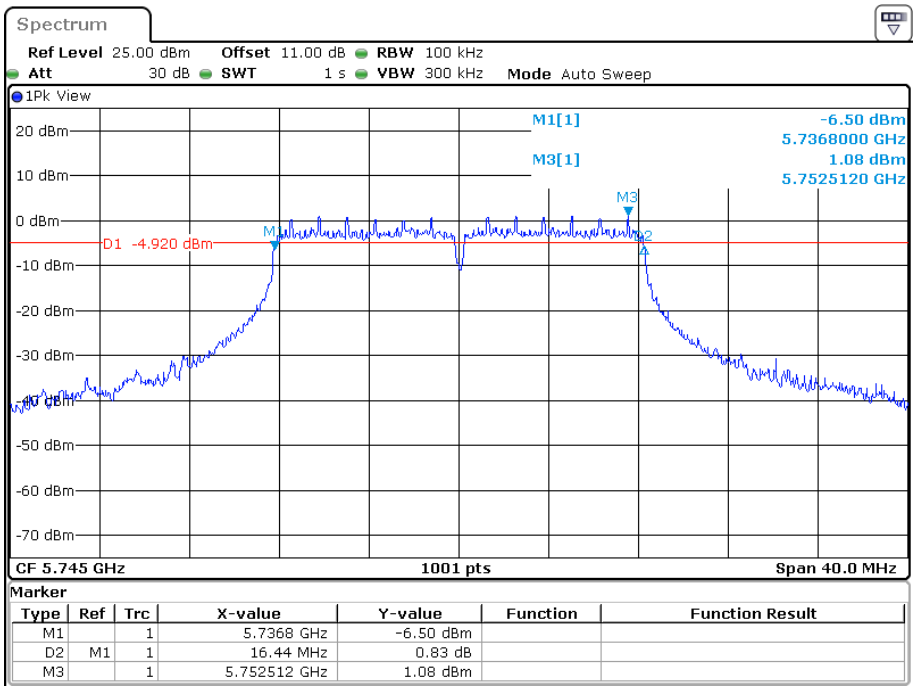
Date: 30.JUN.2022 00:54:40

5725 MHz – 5850 MHz:

Frequency (MHz)	Antenna Port	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Remark
802.11a					No transmitted signal in the 99% bandwidth extends into the U-NII-2C band
5745	Ant1	16.44	16.93	0.5	
5785	Ant1	16.44	16.93	0.5	
5825	Ant1	16.44	16.93	0.5	
802.11n20					
5745	Ant1	17.64	18.04	0.5	
5785	Ant1	17.64	18.01	0.5	
5825	Ant1	17.68	18.10	0.5	
802.11n40					
5755	Ant1	36.56	36.74	0.5	
5795	Ant1	36.56	36.80	0.5	
802.11ac20					
5745	Ant1	17.64	18.10	0.5	
5785	Ant1	17.68	18.07	0.5	
5825	Ant1	17.64	17.98	0.5	
802.11ac40					
5755	Ant1	36.56	36.74	0.5	
5795	Ant1	36.56	36.74	0.5	
11ac80					
5775	Ant1	76.64	76.48	0.5	

26 dB Emission Bandwidth

802.11a mode, 5475MHz

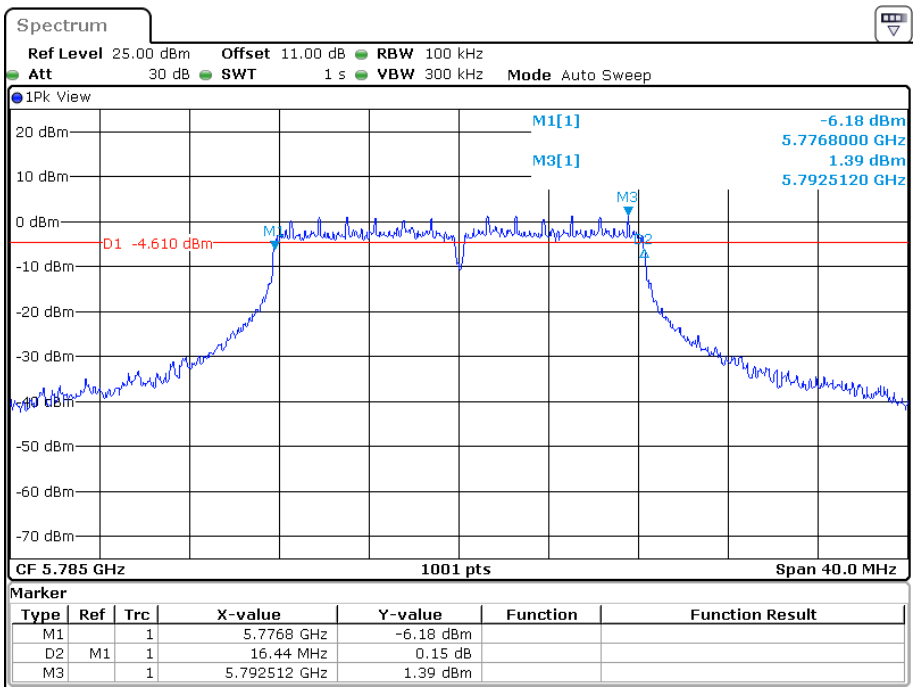


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7368 GHz	-6.50 dBm		
D2	M1	1	16.44 MHz	0.83 dB		
M3		1	5.752512 GHz	1.08 dBm		

Date: 28.JUN.2022 21:59:55

802.11a mode, 5785MHz

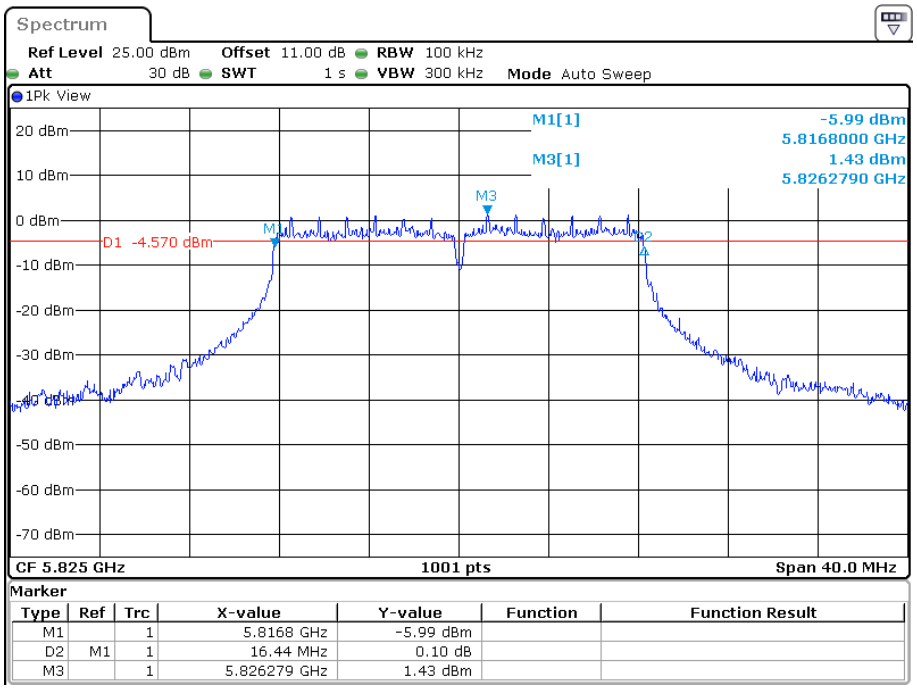


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7768 GHz	-6.18 dBm		
D2	M1	1	16.44 MHz	0.15 dB		
M3		1	5.792512 GHz	1.39 dBm		

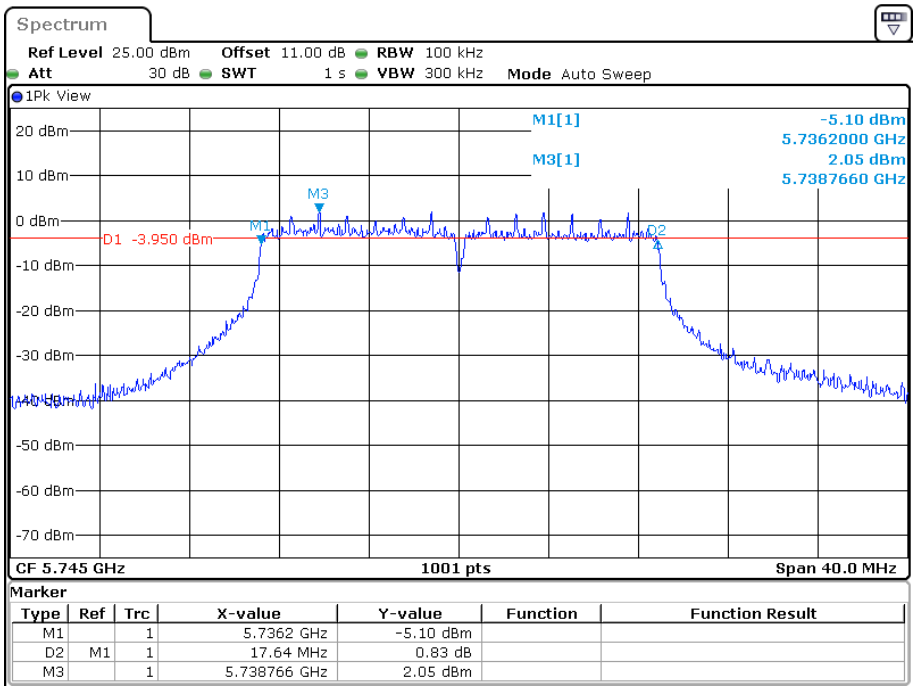
Date: 28.JUN.2022 22:04:25

802.11a mode, 5825 MHz



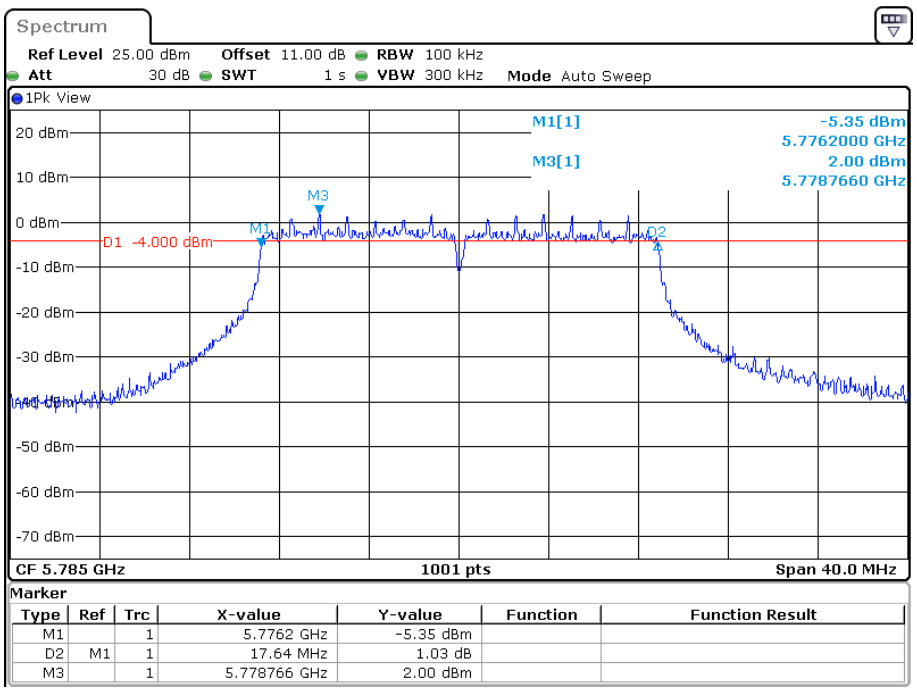
Date: 28.JUN.2022 22:06:55

802.11n20 mode,5745 MHz



Date: 29.JUN.2022 00:03:02

802.11n20 mode, 5785 MHz

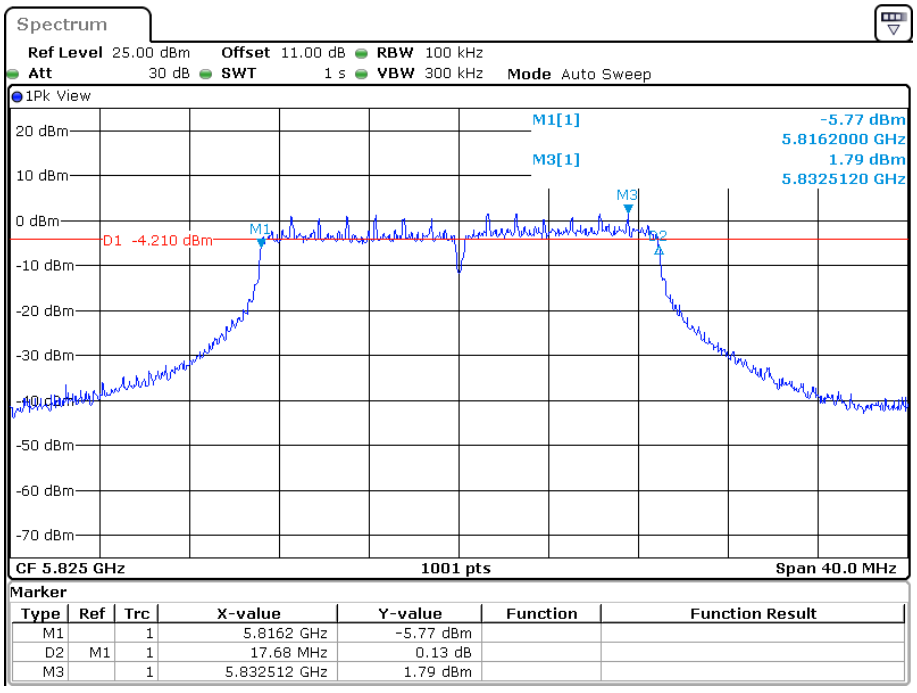


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7762 GHz	-5.35 dBm		
D2	M1	1	17.64 MHz	1.03 dB		
M3		1	5.778766 GHz	2.00 dBm		

Date: 29.JUN.2022 00:00:08

802.11n20 mode, 5825 MHz

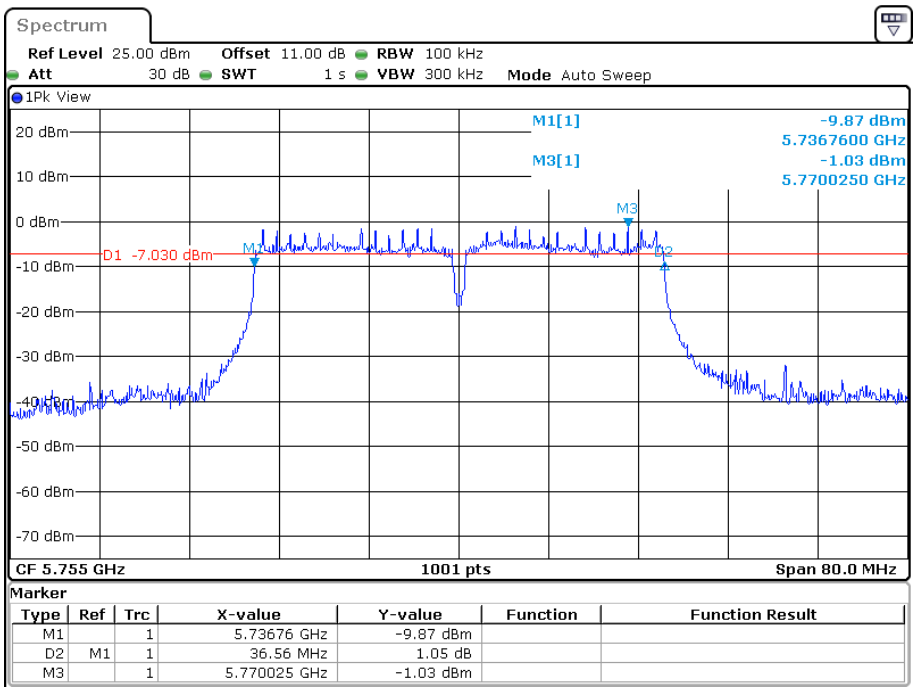


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8162 GHz	-5.77 dBm		
D2	M1	1	17.68 MHz	0.13 dB		
M3		1	5.832512 GHz	1.79 dBm		

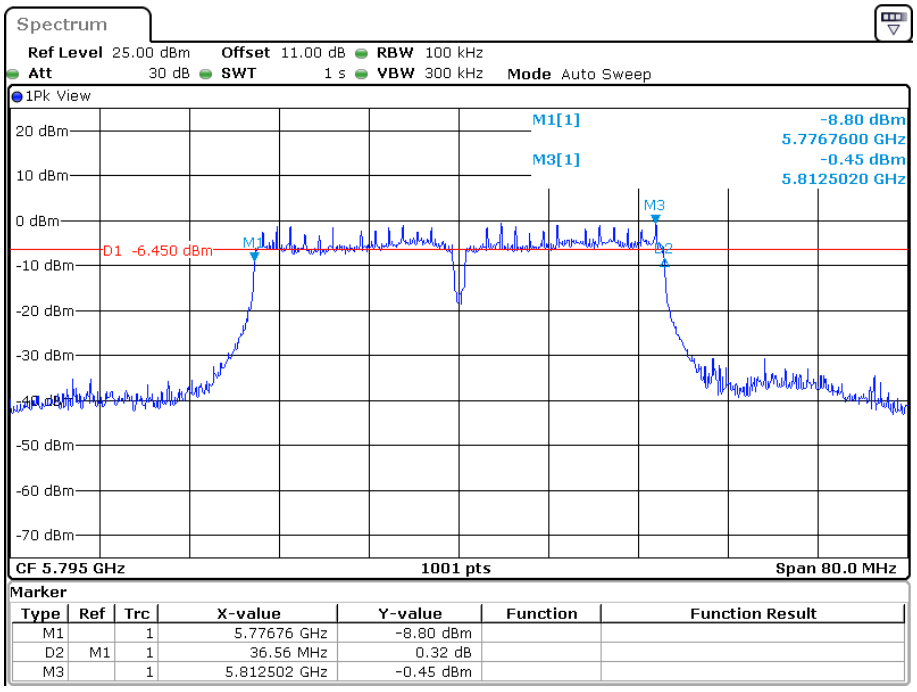
Date: 28.JUN.2022 23:57:09

802.11n40 mode, 5755MHz



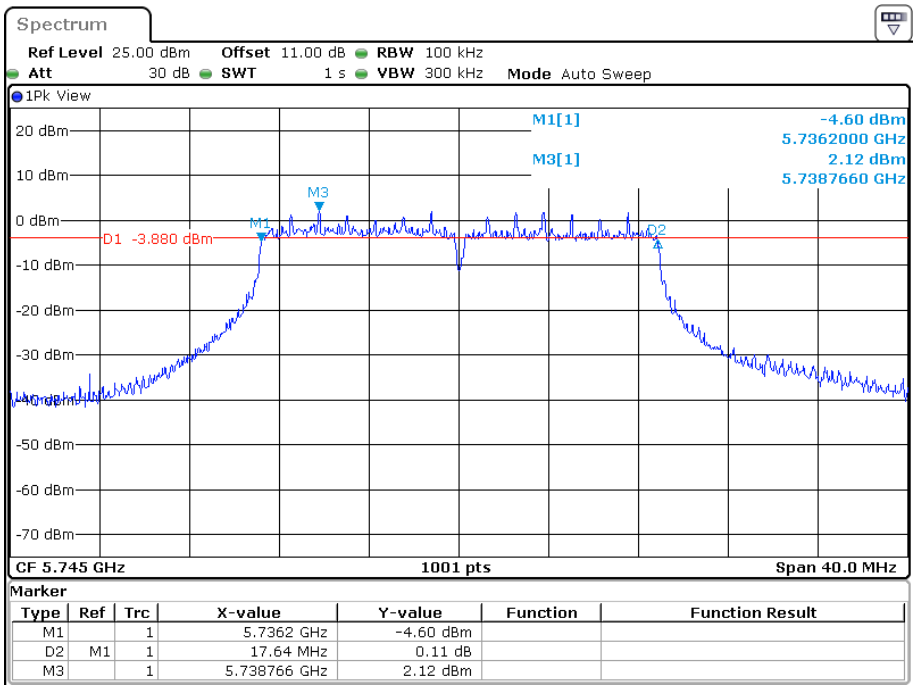
Date: 29.JUN.2022 00:48:28

802.11n40 mode, 5795 MHz



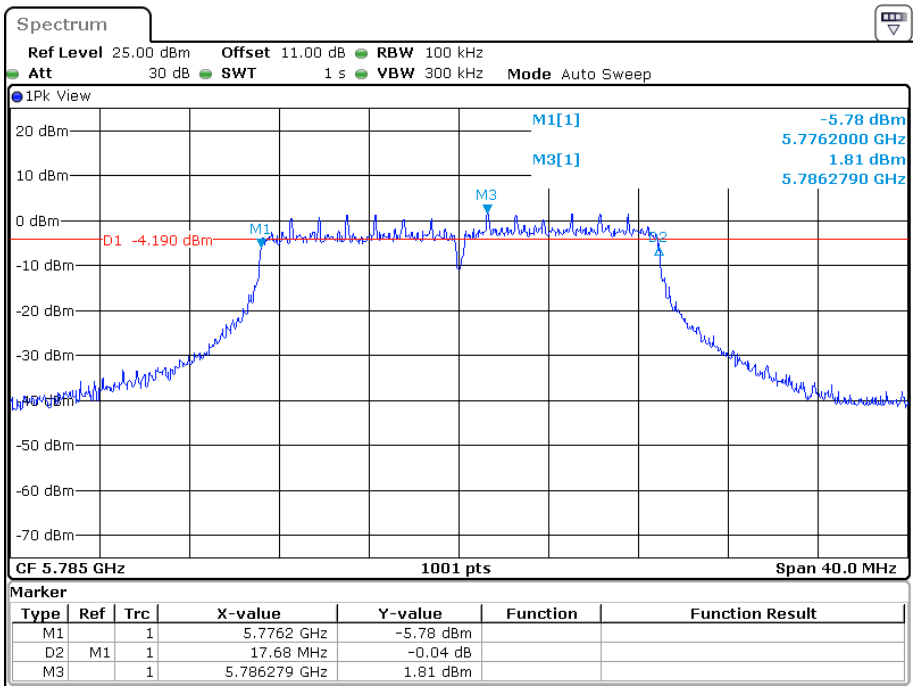
Date: 29.JUN.2022 00:50:59

802.11ac20 mode, 5745 MHz



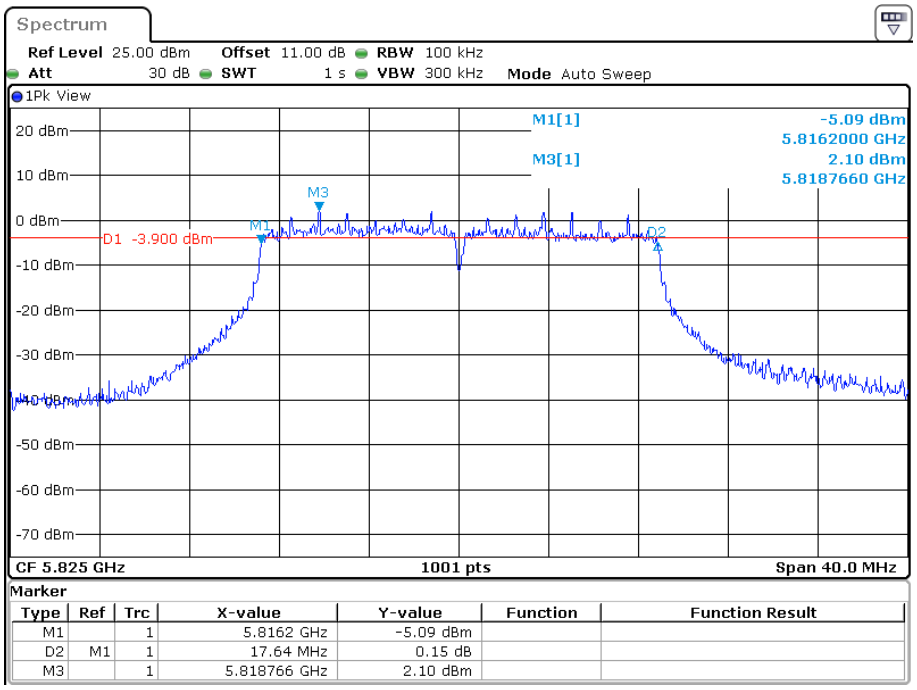
Date: 29.JUN.2022 23:11:17

802.11ac20 mode, 5785 MHz



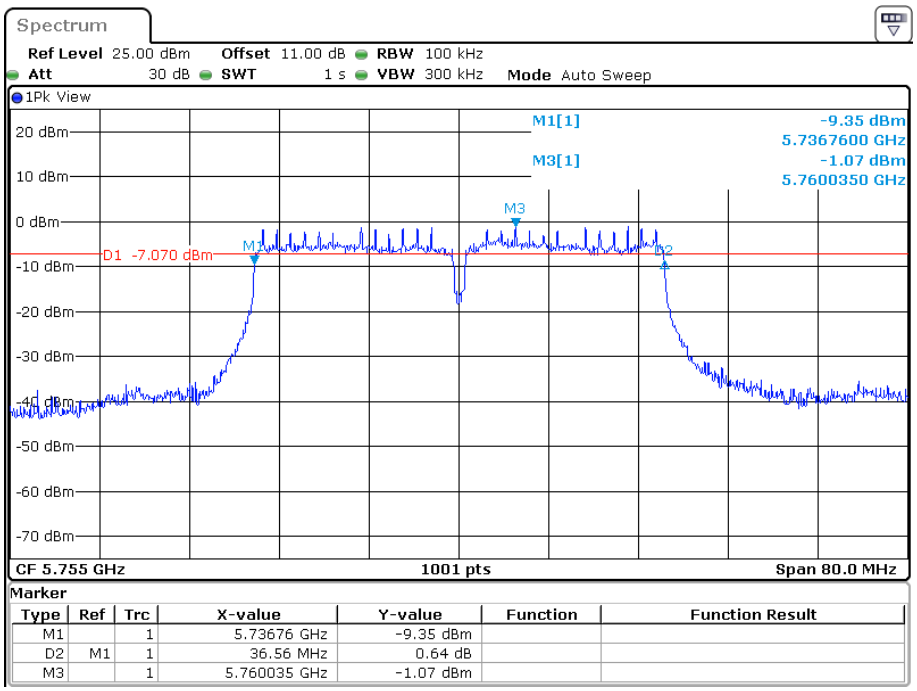
Date: 29.JUN.2022 23:13:41

802.11ac20 mode, 5825 MHz



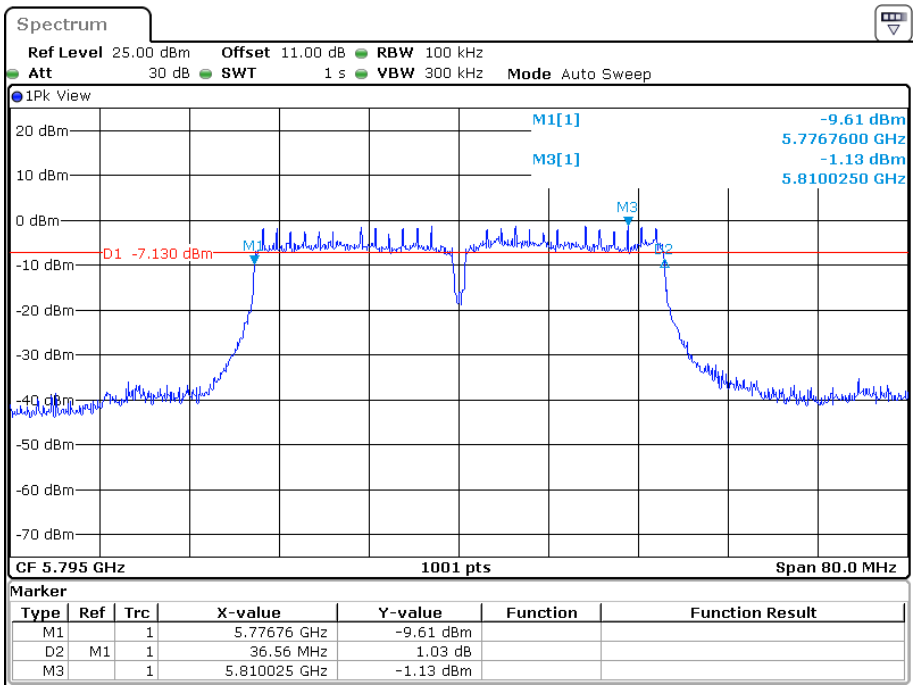
Date: 29.JUN.2022 23:16:13

802.11ac40 mode, 5755MHz



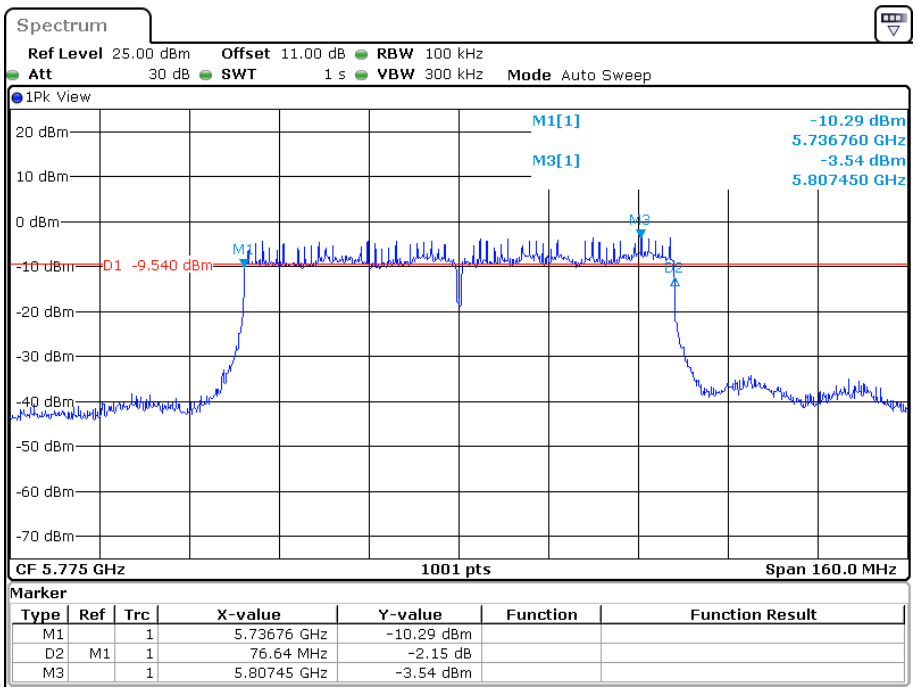
Date: 30.JUN.2022 00:22:47

802.11ac40 mode, 5795 MHz



Date: 30.JUN.2022 00:20:21

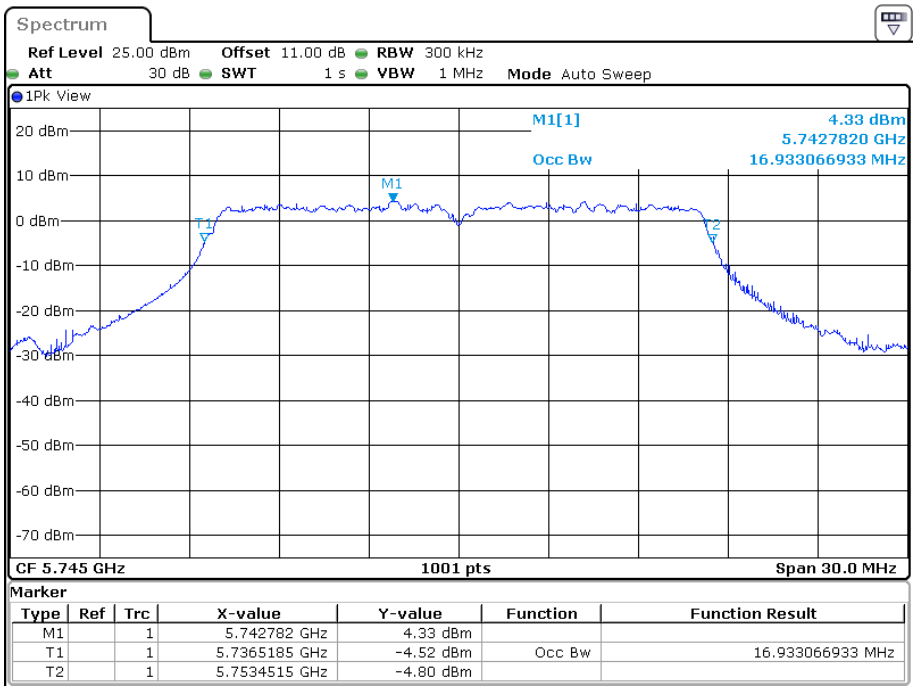
802.11ac80 mode, 5775MHz



Date: 30.JUN.2022 00:59:16

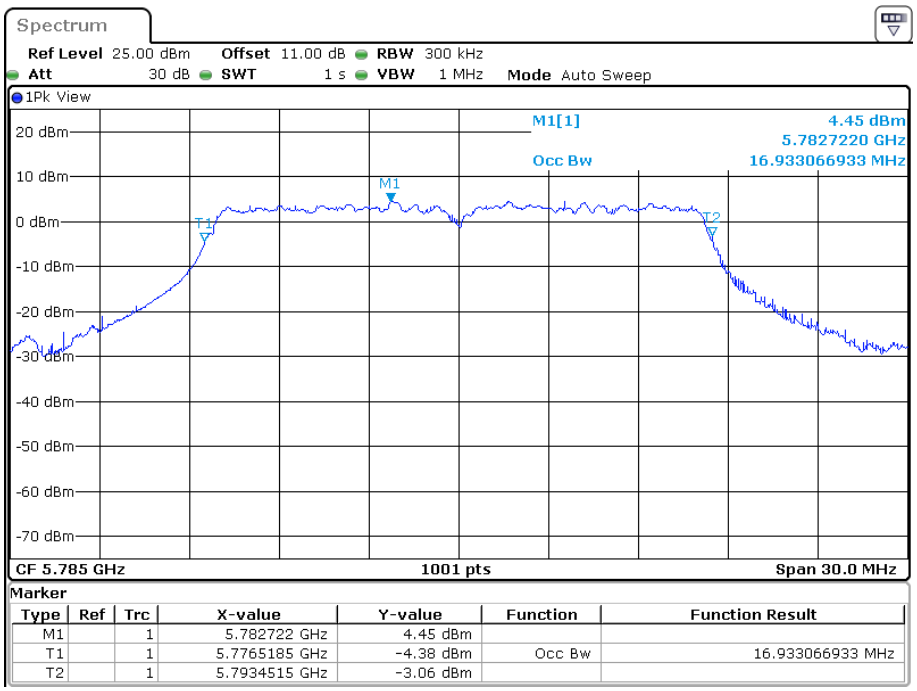
99% Occupied Bandwidth

802.11a mode, 5475MHz



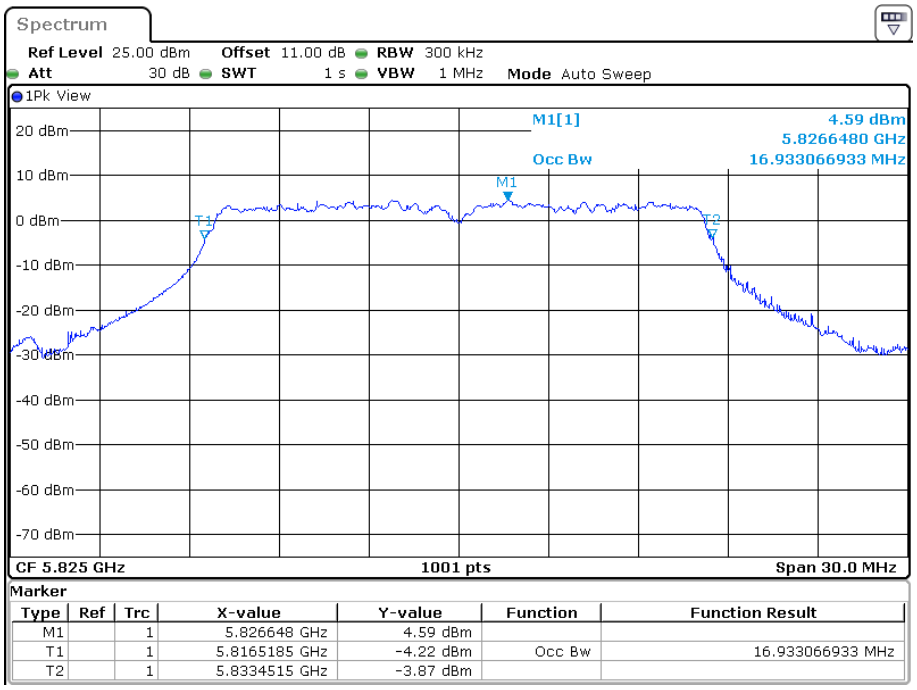
Date: 28.JUN.2022 21:59:27

802.11a mode, 5785MHz



Date: 28.JUN.2022 22:03:57

802.11a mode, 5825 MHz

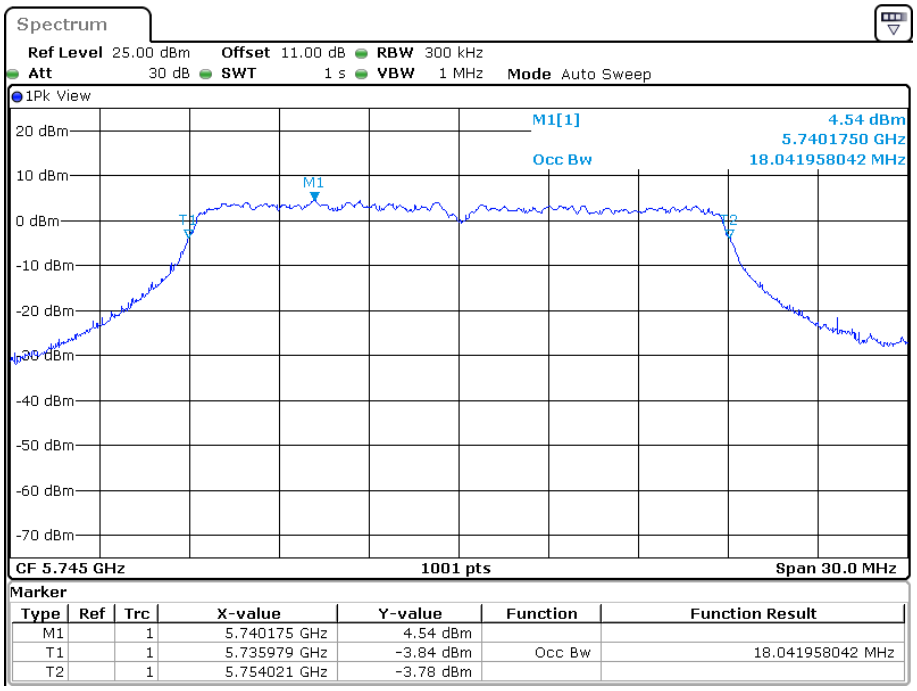


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.826648 GHz	4.59 dBm		
T1		1	5.8165185 GHz	-4.22 dBm	Occ Bw	16.933066933 MHz
T2		1	5.8334515 GHz	-3.87 dBm		

Date: 28.JUN.2022 22:06:27

802.11n20 mode,5745 MHz

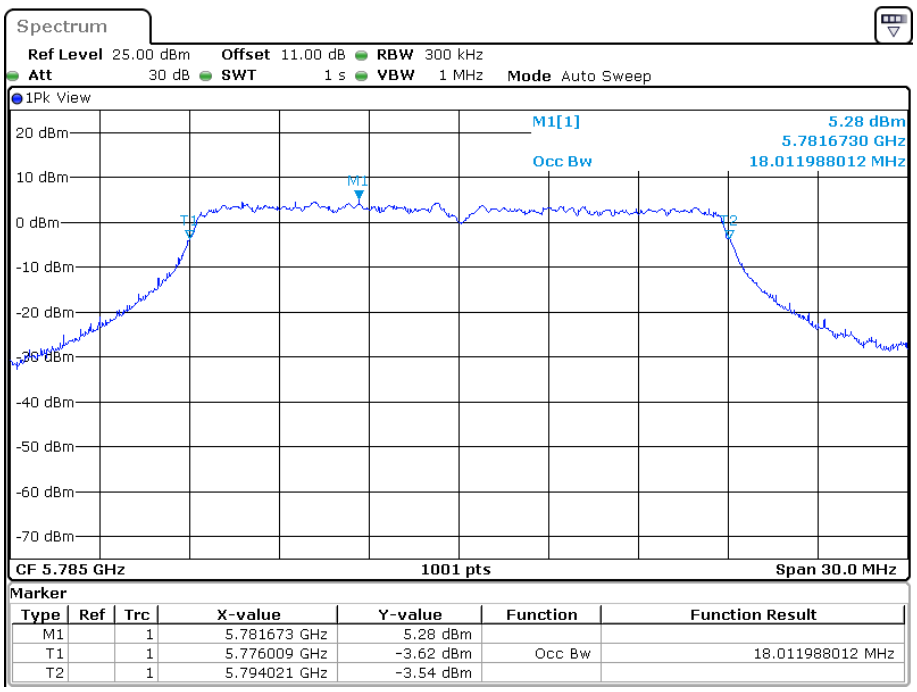


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.740175 GHz	4.54 dBm		
T1		1	5.735979 GHz	-3.84 dBm	Occ Bw	18.041958042 MHz
T2		1	5.754021 GHz	-3.78 dBm		

Date: 29.JUN.2022 00:02:32

802.11n20 mode, 5785 MHz

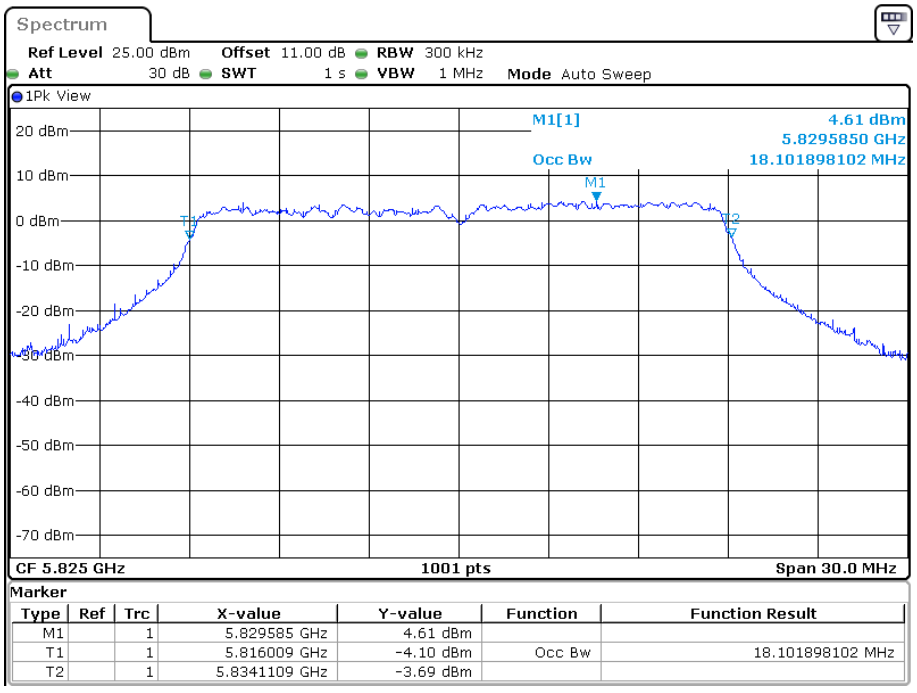


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.781673 GHz	5.28 dBm		
T1		1	5.776009 GHz	-3.62 dBm	Occ Bw	18.011988012 MHz
T2		1	5.794021 GHz	-3.54 dBm		

Date: 28.JUN.2022 23:59:39

802.11n20 mode, 5825 MHz

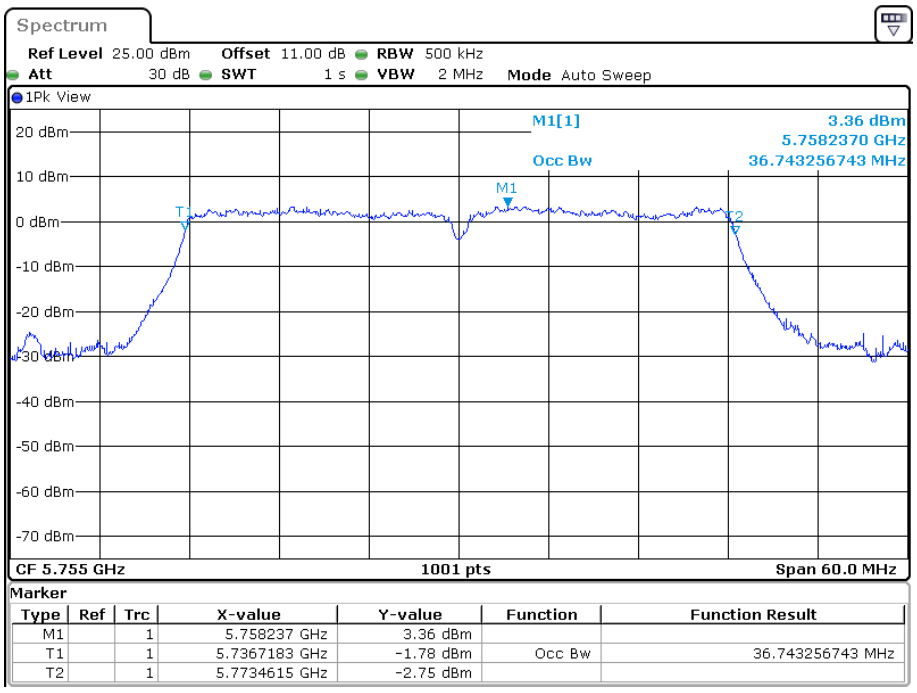


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.829585 GHz	4.61 dBm		
T1		1	5.816009 GHz	-4.10 dBm	Occ Bw	18.101898102 MHz
T2		1	5.8341109 GHz	-3.69 dBm		

Date: 28.JUN.2022 23:56:39

802.11n40 mode, 5755MHz

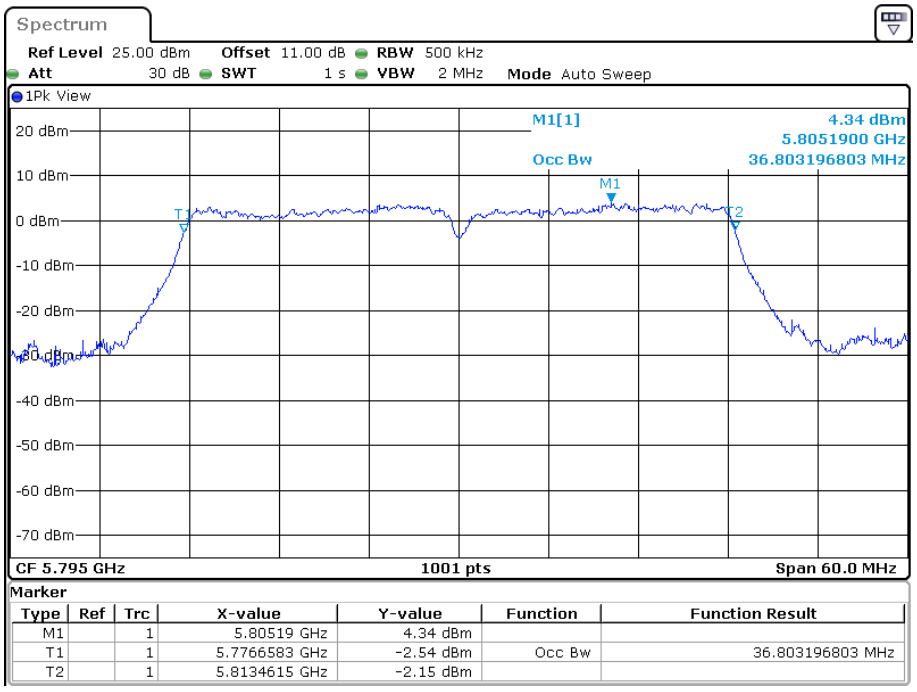


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.758237 GHz	3.36 dBm		
T1		1	5.7367183 GHz	-1.78 dBm	Occ Bw	36.743256743 MHz
T2		1	5.7734615 GHz	-2.75 dBm		

Date: 29.JUN.2022 00:47:58

802.11n40 mode, 5795 MHz

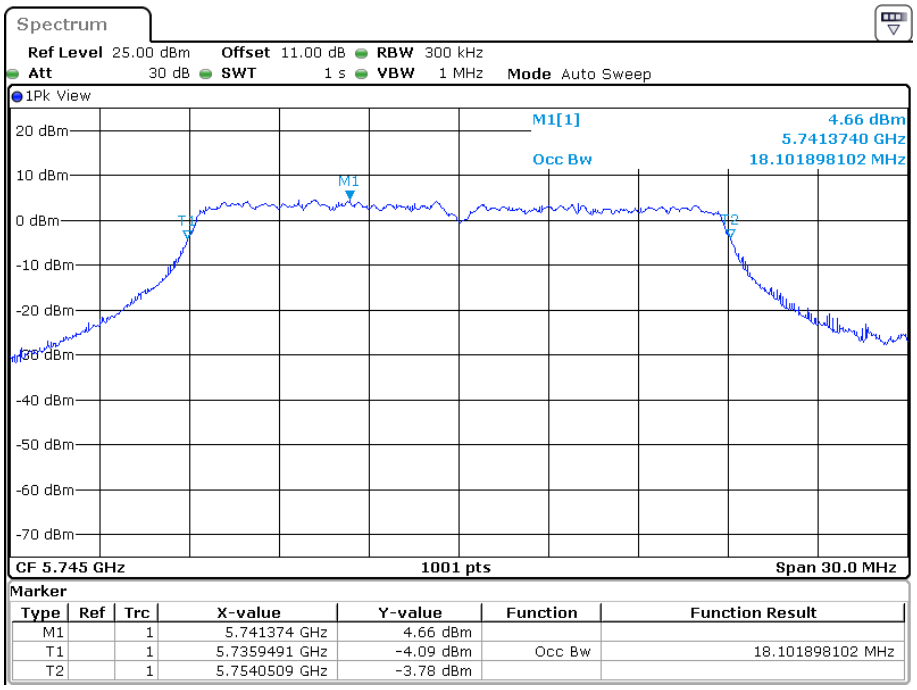


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80519 GHz	4.34 dBm		
T1		1	5.7766583 GHz	-2.54 dBm	Occ Bw	36.803196803 MHz
T2		1	5.8134615 GHz	-2.15 dBm		

Date: 29.JUN.2022 00:50:29

802.11ac20 mode, 5745 MHz

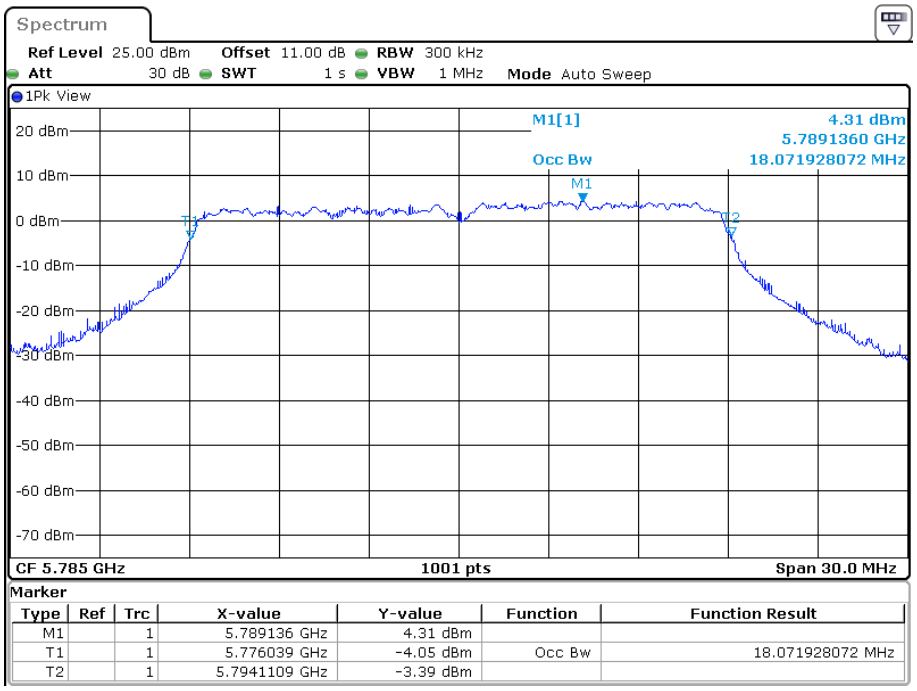


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.741374 GHz	4.66 dBm		
T1		1	5.7359491 GHz	-4.09 dBm	Occ Bw	18.101898102 MHz
T2		1	5.7540509 GHz	-3.78 dBm		

Date: 29.JUN.2022 23:10:48

802.11ac20 mode, 5785 MHz

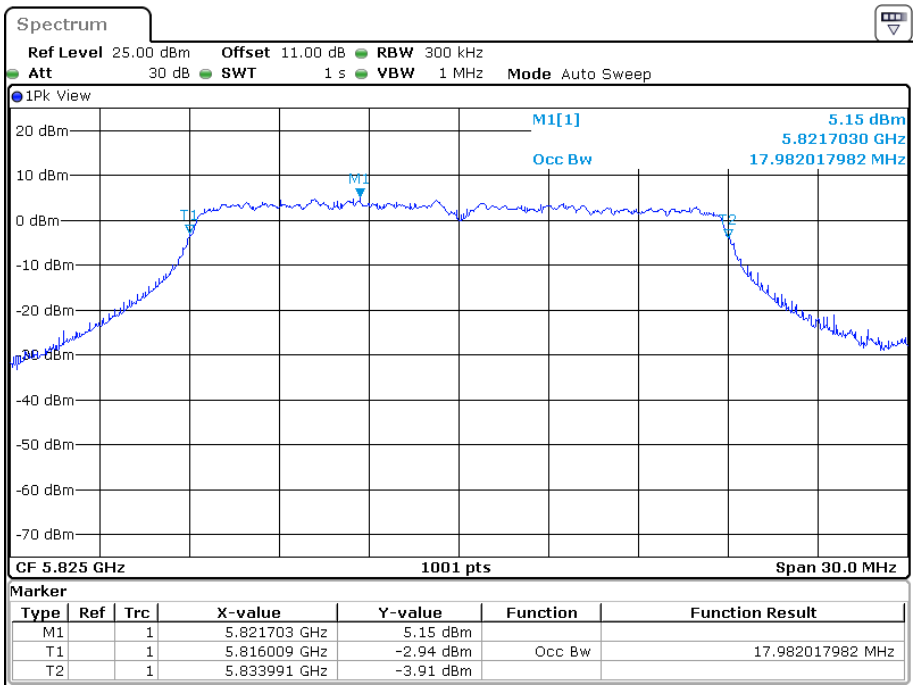


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.789136 GHz	4.31 dBm		
T1		1	5.776039 GHz	-4.05 dBm	Occ Bw	18.071928072 MHz
T2		1	5.7941109 GHz	-3.39 dBm		

Date: 29.JUN.2022 23:13:12

802.11ac20 mode, 5825 MHz

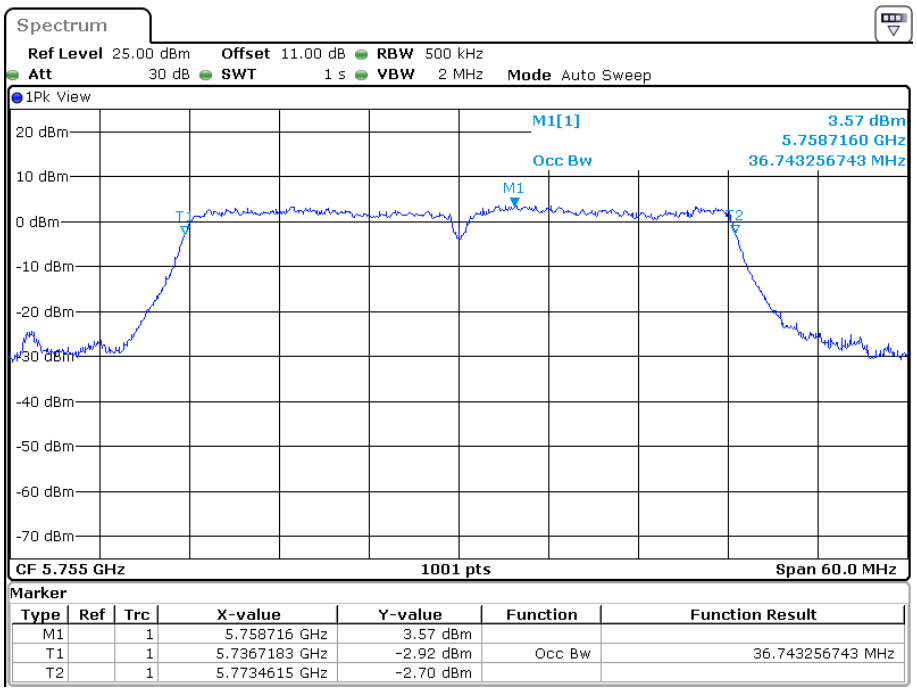


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.821703 GHz	5.15 dBm		
T1		1	5.816009 GHz	-2.94 dBm	Occ Bw	17.982017982 MHz
T2		1	5.833991 GHz	-3.91 dBm		

Date: 29.JUN.2022 23:15:43

802.11ac40 mode, 5755MHz

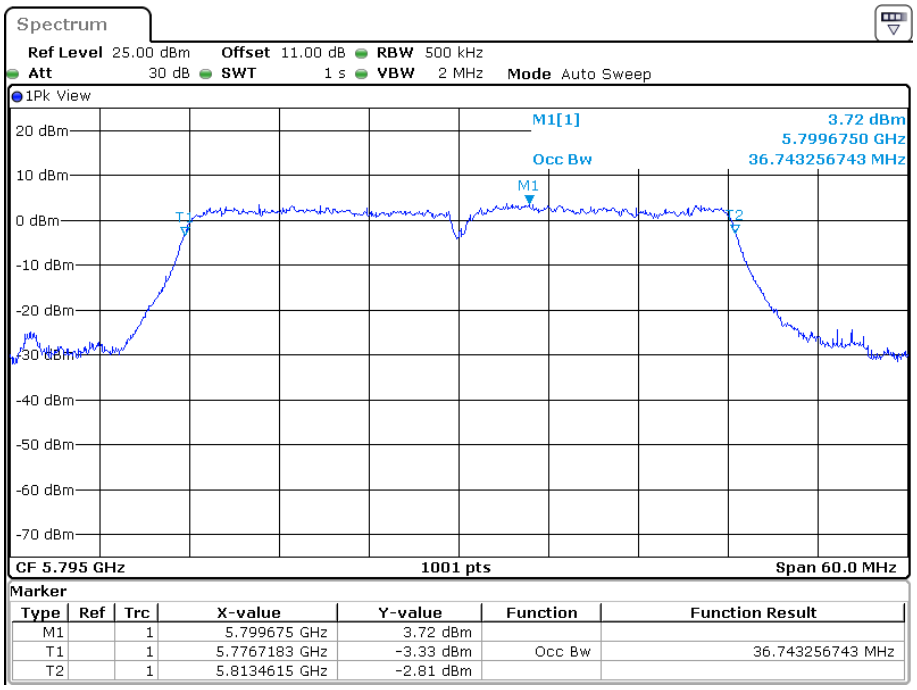


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.758716 GHz	3.57 dBm		
T1		1	5.7367183 GHz	-2.92 dBm	Occ Bw	36.743256743 MHz
T2		1	5.7734615 GHz	-2.70 dBm		

Date: 30.JUN.2022 00:22:18

802.11ac40 mode, 5795 MHz

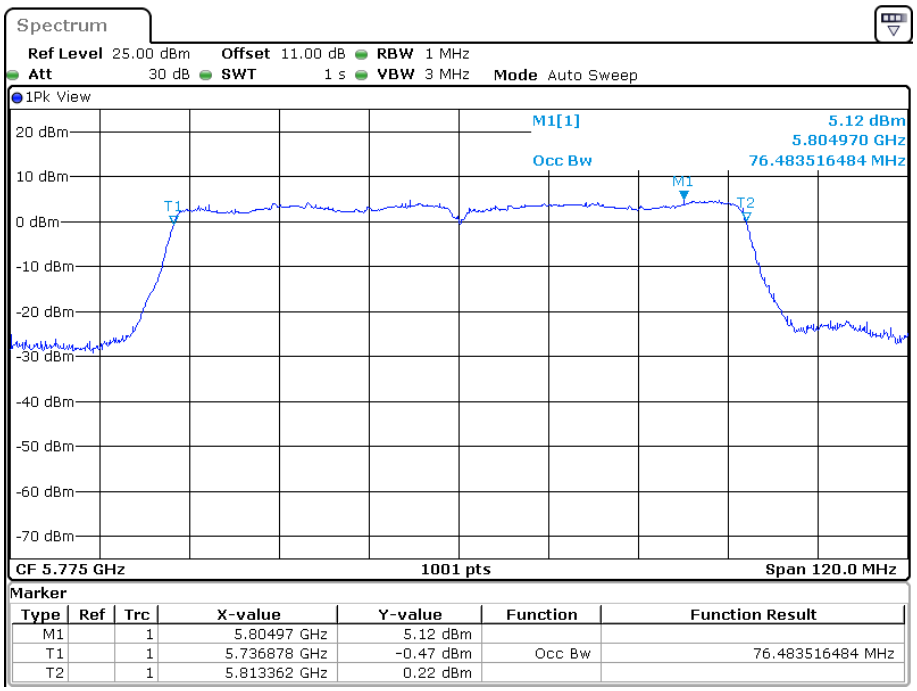


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.799675 GHz	3.72 dBm		
T1		1	5.7767183 GHz	-3.33 dBm	Occ Bw	36.743256743 MHz
T2		1	5.8134615 GHz	-2.81 dBm		

Date: 30.JUN.2022 00:19:51

802.11ac80 mode, 5775MHz



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80497 GHz	5.12 dBm		
T1		1	5.736878 GHz	-0.47 dBm	Occ Bw	76.483516484 MHz
T2		1	5.813362 GHz	0.22 dBm		

Date: 30.JUN.2022 00:58:47

FCC §15.407(a)–CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

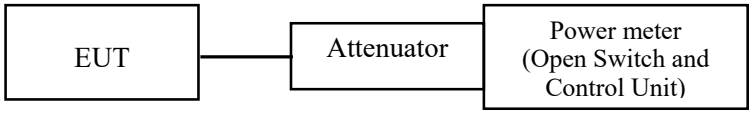
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

c. Place the EUT on a bench and set it in transmitting mode.

d. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.

e. Add a correction factor to the display.



Note: the Open Switch and Control Unit has a built-in power sensor.

Test Data

Environmental Conditions

Temperature:	25.2~27.3 ℃
Relative Humidity:	46~55 %
ATM Pressure:	100.2~101.3 kPa

The testing was performed by Roger Ling from 2022-06-27 to 2022-06-30.

EUT operation mode: Transmitting

Test Result: Pass

Please refer to the following tables.

For module: YL43455

5150 MHz – 5250 MHz

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Limit (dBm)
802.11a					
5180	0	14.25	0.31	14.56	24
5200	0	14.12	0.31	14.43	
5240	0	13.92	0.31	14.23	
802.11n20					
5180	0	13.78	0.32	14.10	24
5200	0	13.65	0.32	13.97	
5240	0	13.57	0.32	13.89	
802.11n40					
5190	0	12.22	0.64	12.86	24
5230	0	11.94	0.64	12.58	
802.11ac20					
5180	0	13.80	0.33	14.13	24
5200	0	13.80	0.33	14.13	
5240	0	13.49	0.33	13.82	
802.11ac40					
5190	0	12.11	0.63	12.74	24
5230	0	11.90	0.63	12.53	
802.11ac80					
5210	0	9.57	1.19	10.76	24

5250 MHz – 5350 MHz

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Limit (dBm)
802.11a					
5260	0	13.48	0.31	13.79	24
5280	0	13.43	0.31	13.74	
5320	0	13.66	0.31	13.97	
802.11n20					
5260	0	13.10	0.32	13.42	24
5280	0	13.02	0.32	13.34	
5320	0	13.18	0.32	13.50	
802.11n40					
5270	0	11.48	0.64	12.12	24
5310	0	11.58	0.64	12.22	
802.11ac20					
5260	0	13.12	0.33	13.45	24
5280	0	13.11	0.33	13.44	
5320	0	13.15	0.33	13.48	
802.11ac40					
5270	0	11.42	0.63	12.05	24
5310	0	11.49	0.63	12.12	
802.11ac80					
5290	0	9.27	1.19	10.46	24

5470 MHz – 5725 MHz:

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Limit (dBm)
802.11a					
5500	0	8.97	0.31	9.28	24
5580	0	8.24	0.31	8.55	
5700	0	8.70	0.31	9.01	
802.11n20					
5500	0	8.71	0.32	9.03	24
5580	0	7.83	0.32	8.15	
5700	0	8.45	0.32	8.77	
802.11n40					
5510	0	6.83	0.64	7.47	24
5550	0	6.36	0.64	7.00	
5670	0	6.14	0.64	6.78	
802.11ac20					
5500	0	8.80	0.33	9.13	24
5580	0	8.10	0.33	8.43	
5700	0	8.47	0.33	8.80	
802.11ac40					
5510	0	6.77	0.63	7.40	24
5550	0	6.29	0.63	6.92	
5670	0	6.10	0.63	6.73	
802.11ac80					
5530	0	5.69	1.19	6.88	24
5610	0	5.23	1.19	6.42	

5725 MHz – 5850 MHz:

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Limit (dBm)
802.11a					
5745	0	13.20	0.31	13.51	30
5785	0	13.06	0.31	13.37	
5825	0	12.71	0.31	13.02	
802.11n20					
5745	0	12.93	0.32	13.25	30
5785	0	12.79	0.32	13.11	
5825	0	12.30	0.32	12.62	
802.11n40					
5755	0	13.08	0.64	13.72	30
5795	0	12.88	0.64	13.52	
802.11ac20					
5745	0	12.85	0.33	13.18	30
5785	0	12.74	0.33	13.07	
5825	0	12.35	0.33	12.68	
802.11ac40					
5755	0	13.05	0.64	13.69	30
5795	0	12.83	0.64	13.47	
802.11ac80					
5775	0	12.22	1.19	13.41	30

For module: D845

5150 MHz – 5250 MHz

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Total Power (dBm)	Limit (dBm)
802.11a						
5180	0	13.72	/	13.72	\	24
	1	14.86	/	14.86		
5200	0	13.62	/	13.62	\	
	1	14.88	/	14.88		
5240	0	13.56	/	13.56	\	
	1	14.82	/	14.82		
802.11n20						
5180	0	13.90	/	13.90	17.54	24
	1	15.08	/	15.08		
5200	0	13.55	/	13.55	17.34	
	1	14.99	/	14.99		
5240	0	13.65	/	13.65	17.36	
	1	14.95	/	14.95		
802.11n40						
5190	0	11.75	0.16	11.91	15.36	24
	1	12.59	0.16	12.75		
5230	0	11.56	0.16	11.72	14.89	
	1	11.88	0.16	12.04		
802.11ac20						
5180	0	13.48	/	13.48	17.54	24
	1	15.24	/	15.24		
5200	0	13.41	/	13.41	17.54	
	1	15.29	/	15.29		
5240	0	13.73	/	13.73	17.65	
	1	15.26	/	15.26		
802.11ac40						
5190	0	11.79	0.17	11.96	15.69	24
	1	13.13	0.17	13.30		
5230	0	11.97	0.17	12.14	15.80	
	1	13.18	0.17	13.35		
802.11ac80						
5210	0	11.82	0.34	12.16	15.87	24
	1	13.13	0.34	13.47		

5250 MHz – 5350 MHz

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Total Power (dBm)	Limit (dBm)
802.11a						
5260	0	13.47	/	13.47	\	24
	1	14.79	/	14.79		
5280	0	13.44	/	13.44	\	
	1	14.87	/	14.87		
5320	0	13.58	/	13.58	\	
	1	15.03	/	15.03		
802.11n20						
5260	0	13.34	/	13.34	17.25	24
	1	14.98	/	14.98		
5280	0	13.33	/	13.33	17.26	
	1	15.01	/	15.01		
5320	0	13.79	/	13.79	17.61	
	1	15.28	/	15.28		
802.11n40						
5270	0	11.39	0.16	11.55	15.18	24
	1	12.54	0.16	12.70		
5310	0	11.42	0.16	11.58	15.38	
	1	12.86	0.16	13.02		
802.11ac20						
5260	0	13.33	/	13.33	17.42	24
	1	15.28	/	15.28		
5280	0	13.79	/	13.79	17.56	
	1	15.19	/	15.19		
5320	0	13.94	/	13.94	17.71	
	1	15.35	/	15.35		
802.11ac40						
5270	0	11.63	0.17	11.80	15.58	24
	1	13.06	0.17	13.23		
5310	0	11.70	0.17	11.87	15.63	
	1	13.09	0.17	13.26		
802.11ac80						
5290	0	11.71	0.34	12.05	15.80	24
	1	13.09	0.34	13.43		

5470 MHz – 5725 MHz

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Total Power (dBm)	Limit (dBm)
802.11a						
5500	0	13.90	/	13.90	\	24
	1	15.57	/	15.57		
5580	0	13.62	/	13.62	\	
	1	15.50	/	15.50		
5700	0	12.95	/	12.95	\	
	1	15.52	/	15.52		
802.11n20						
5500	0	10.81	/	10.81	15.00	24
	1	12.78	/	12.78		
5580	0	10.60	/	10.60	14.84	
	1	12.66	/	12.66		
5700	0	9.93	/	9.93	14.64	
	1	12.72	/	12.72		
802.11n40						
5510	0	10.71	0.16	10.87	14.94	24
	1	12.62	0.16	12.78		
5550	0	10.58	0.16	10.74	14.85	
	1	12.56	0.16	12.72		
5670	0	9.95	0.16	10.11	14.50	
	1	12.38	0.16	12.54		
802.11ac20						
5500	0	10.74	/	10.74	14.97	24
	1	12.78	/	12.78		
5580	0	10.59	/	10.59	14.96	
	1	12.85	/	12.85		
5700	0	9.99	/	9.99	14.70	
	1	12.78	/	12.78		
802.11ac40						
5510	0	10.80	0.17	10.97	15.03	24
	1	12.70	0.17	12.87		
5550	0	10.60	0.17	10.77	14.96	
	1	12.70	0.17	12.87		
5670	0	10.22	0.17	10.39	14.81	
	1	12.69	0.17	12.86		
802.11ac80						
5530	0	9.67	0.34	10.01	14.01	24
	1	11.47	0.34	11.81		
5610	0	9.20	0.34	9.54	13.88	
	1	11.54	0.34	11.88		

5725 MHz – 5850 MHz:

Frequency (MHz)	Antenna Port	Reading (dBm)	Duty Cycle Factor (dB)	Average Output Power (dBm)	Total Power (dBm)	Limit (dBm)
802.11a						
5745	0	12.72	/	12.72	\	30
	1	15.53	/	15.53		
5785	0	12.73	/	12.73	\	
	1	15.81	/	15.81		
5825	0	12.60	/	12.60	\	
	1	16.15	/	16.15		
802.11n20						
5745	0	13.03	/	13.03	17.56	30
	1	15.67	/	15.67		
5785	0	13.02	/	13.02	17.61	
	1	15.76	/	15.76		
5825	0	12.83	/	12.83	17.88	
	1	16.25	/	16.25		
802.11n40						
5755	0	12.78	0.16	12.94	17.66	30
	1	15.71	0.16	15.87		
5795	0	13.07	0.16	13.23	17.87	
	1	15.88	0.16	16.04		
802.11ac20						
5745	0	13.04	/	13.04	17.57	30
	1	15.69	/	15.69		
5785	0	12.84	/	12.84	17.54	
	1	15.74	/	15.74		
5825	0	12.99	/	12.99	17.81	
	1	16.08	/	16.08		
802.11ac40						
5755	0	12.87	0.17	13.04	17.76	30
	1	15.80	0.17	15.97		
5795	0	12.81	0.17	12.98	17.85	
	1	15.97	0.17	16.14		
802.11ac80						
5775	0	13.27	0.34	13.61	17.92	30
	1	15.57	0.34	15.91		

Note: For 802.11n/ac mode, the EUT employ CDD
Directional Gain = G_{ANT} + *Array Gain*
For Output Power Measurement, *Array Gain* = 0dB for $N_{ANT} \leqslant 4$
G_{ANT} = 2.47dBi
Directional Gain = 2.47dBi + 0dB = 2.47dBi < 6dBi

FCC §15.407(a)- POWER SPECTRAL DENSITY

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

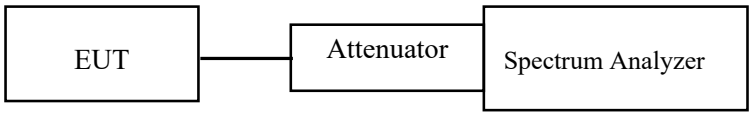
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, "provided that the measured power is integrated over the full reference bandwidth" to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW $\geqslant$ 1/T, where T is defined in section II.B.l.a).
b) Set VBW $\geqslant$ 3 RBW.
c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500 kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10 log (1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.



Test Data

Environmental Conditions

Temperature:	25.2~27.3 ℃
Relative Humidity:	46~55 %
ATM Pressure:	100.2~101.3 kPa

The testing was performed by Roger Ling from 2022-06-27 to 2022-06-30.

EUT operation mode: Transmitting

Test Result: Pass

Please refer to the following tables and plots.

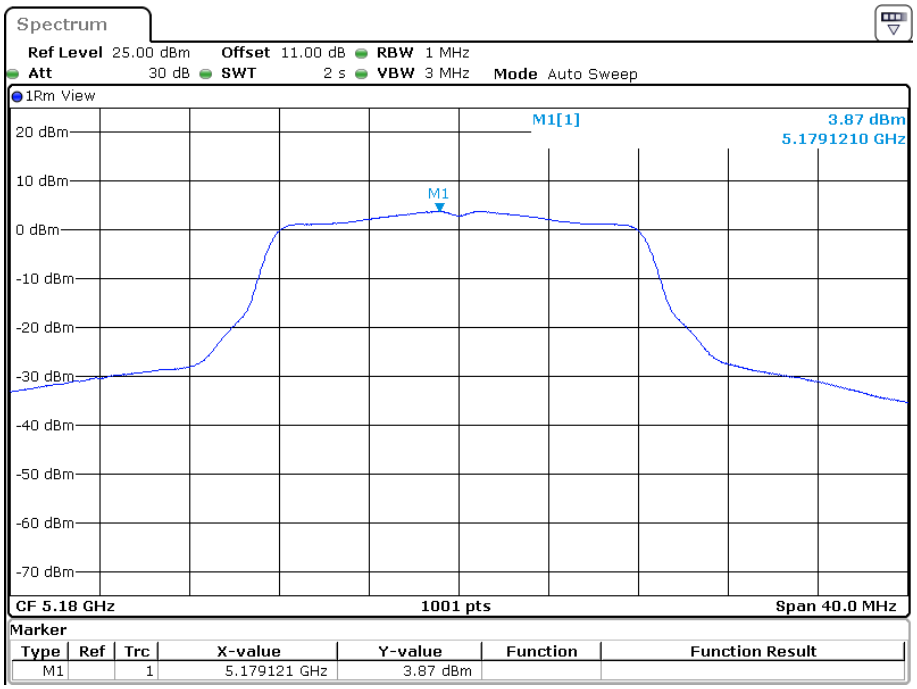
For module : YL43455

5150 MHz – 5250 MHz:

Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Limit (dBm/MHz)
802.11a					
5180	0	3.87	0.31	4.18	11
5200	0	3.71	0.31	4.02	
5240	0	3.47	0.31	3.78	
802.11n20					
5180	0	3.09	0.32	3.41	11
5200	0	3.20	0.32	3.52	
5240	0	2.99	0.32	3.31	
802.11n40					
5190	0	-1.46	0.64	-0.82	11
5230	0	-1.72	0.64	-1.08	
802.11ac20					
5180	0	3.15	0.33	3.48	11
5200	0	3.12	0.33	3.45	
5240	0	2.80	0.33	3.13	
802.11ac40					
5190	0	-1.54	0.63	-0.91	11
5230	0	-1.66	0.63	-1.03	
802.11ac80					
5210	0	-6.91	1.19	-5.72	11

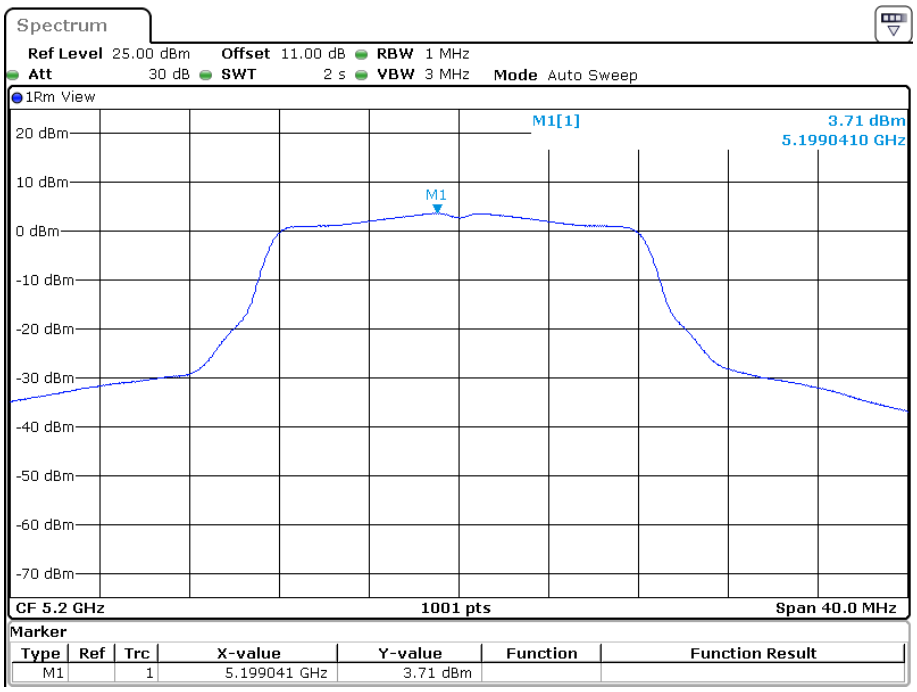
Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

802.11a mode, Power Spectral Density, 5180 MHz



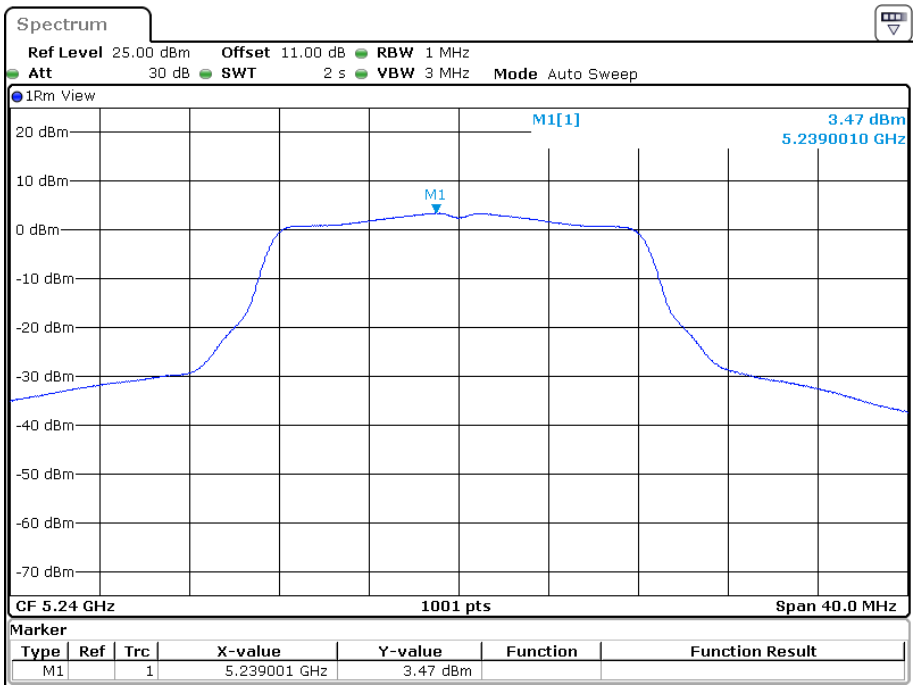
Date: 27.JUN.2022 21:18:20

802.11a mode, Power Spectral Density, 5200 MHz



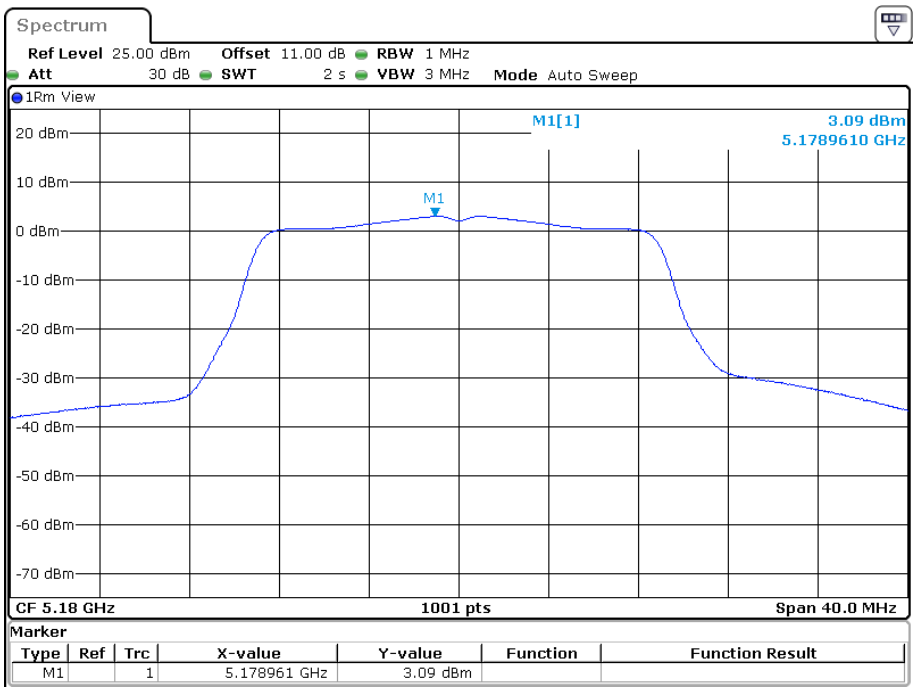
Date: 27.JUN.2022 21:20:57

802.11a mode, Power Spectral Density, 5240 MHz



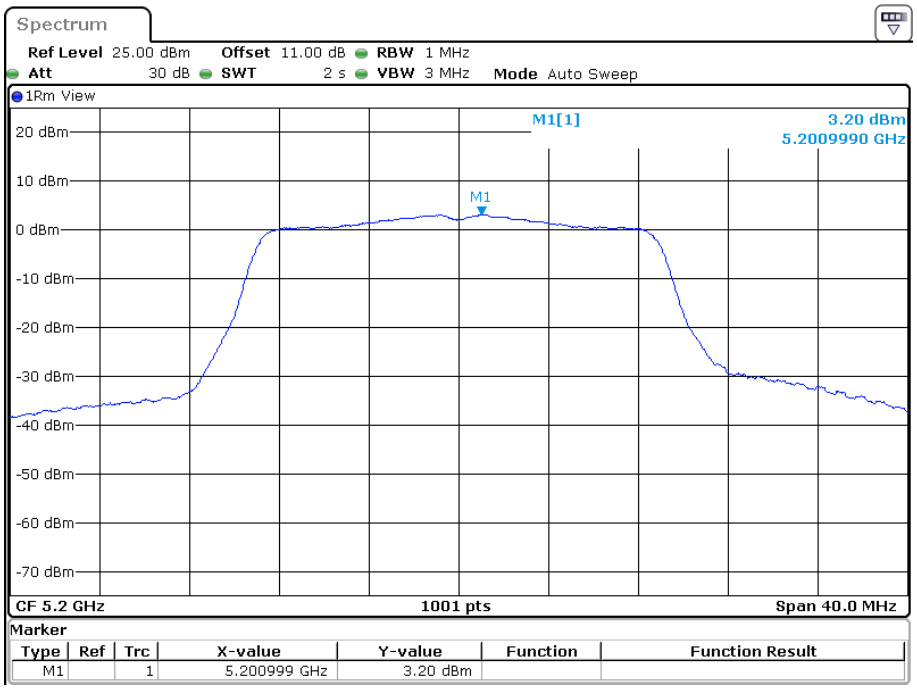
Date: 27.JUN.2022 21:23:26

802.11n20 mode, Power Spectral Density, 5180 MHz



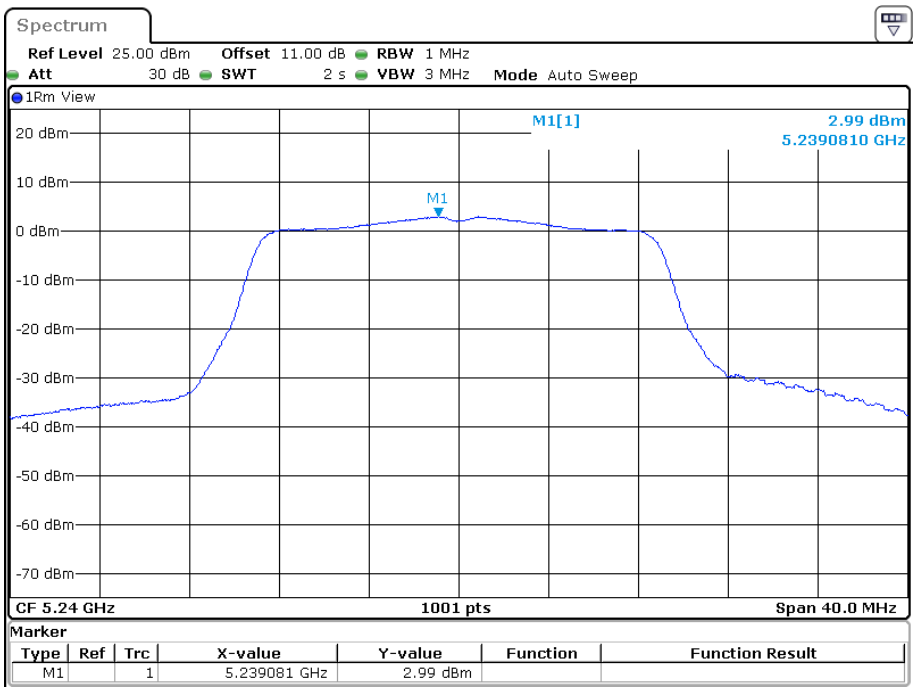
Date: 27.JUN.2022 22:11:02

802.11n20 mode, Power Spectral Density, 5200 MHz



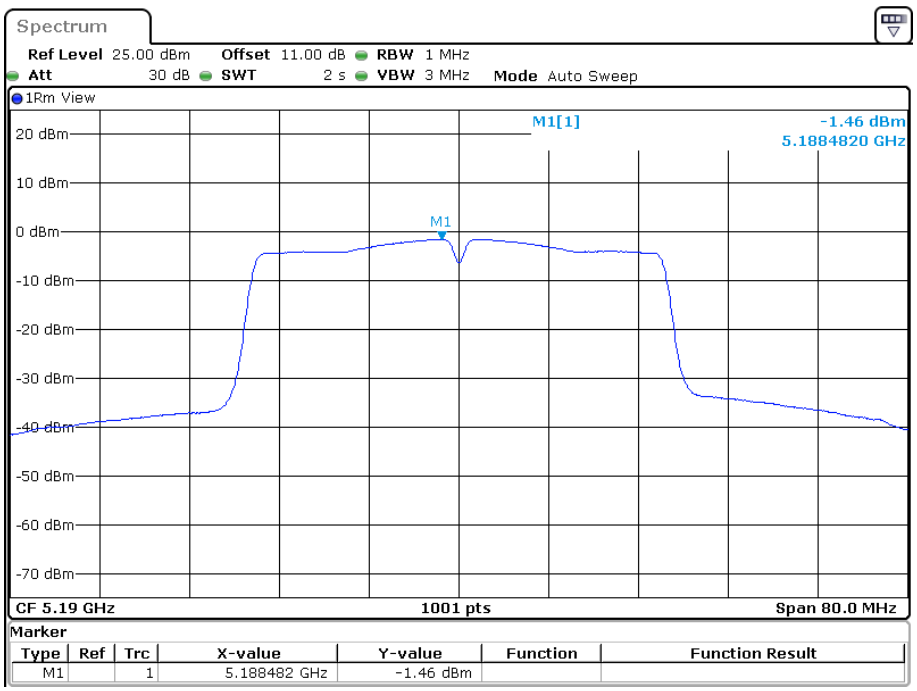
Date: 27.JUN.2022 22:13:55

802.11n20 mode, Power Spectral Density, 5240 MHz



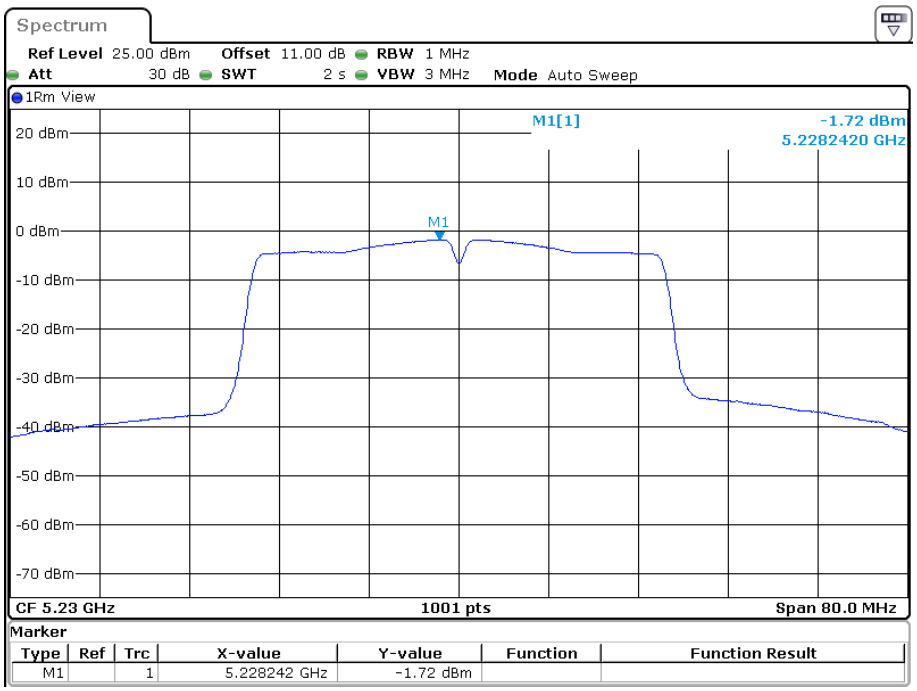
Date: 27.JUN.2022 22:16:37

802.11n40 mode, Power Spectral Density, 5190 MHz



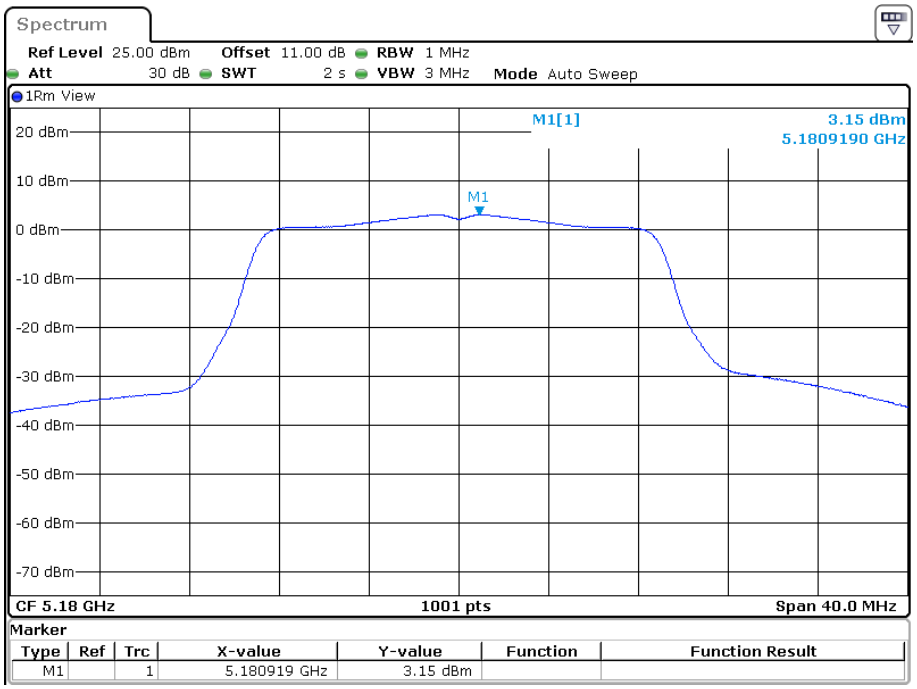
Date: 27.JUN.2022 23:24:42

802.11n40 mode, Power Spectral Density, 5230 MHz



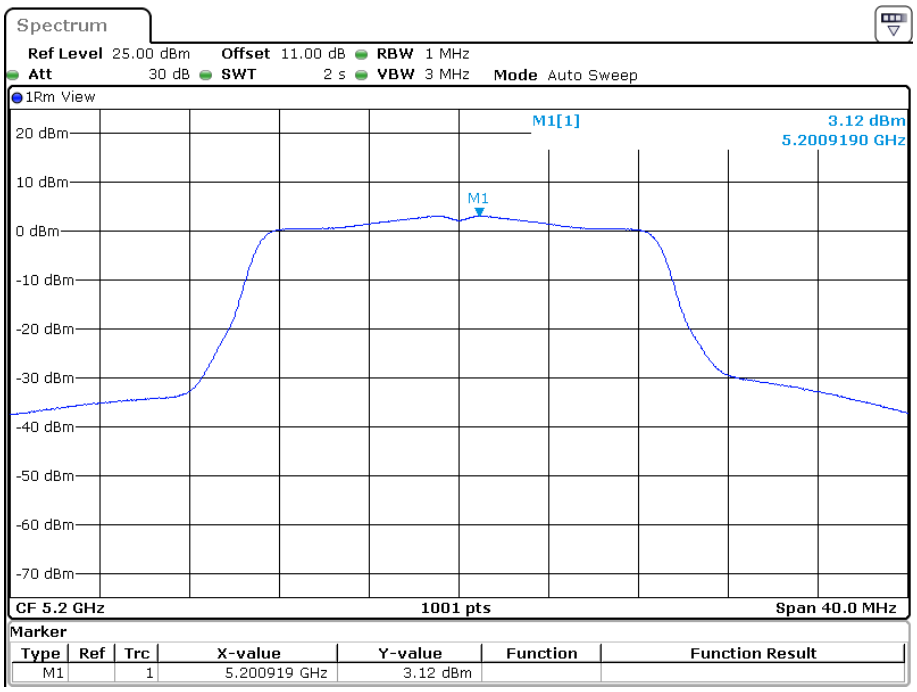
Date: 27.JUN.2022 23:34:27

802.11ac20 mode, Power Spectral Density, 5180 MHz



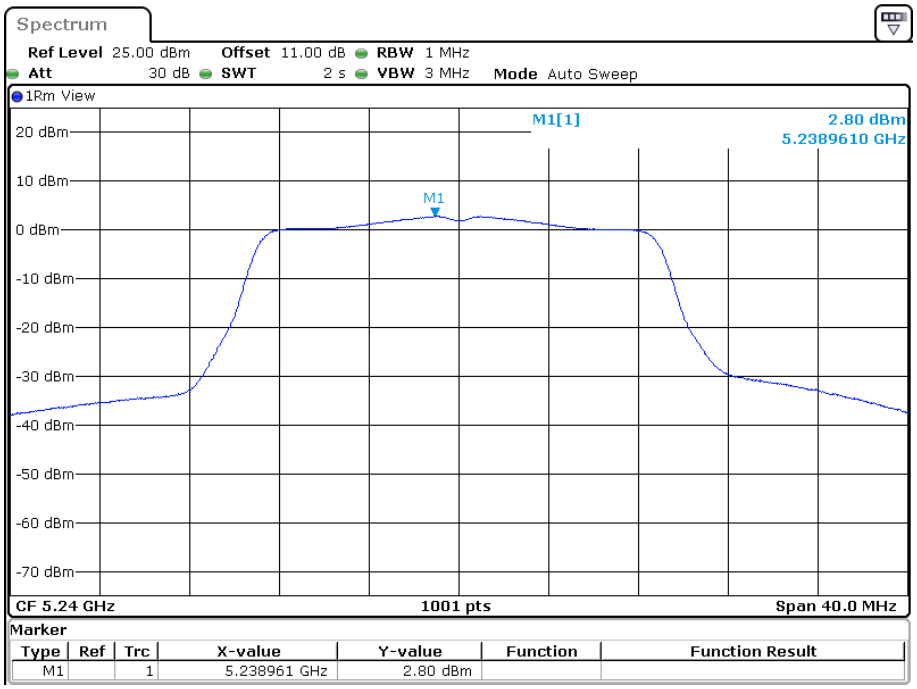
Date: 27.JUN.2022 22:44:45

802. 11ac20 mode, Power Spectral Density, 5200 MHz



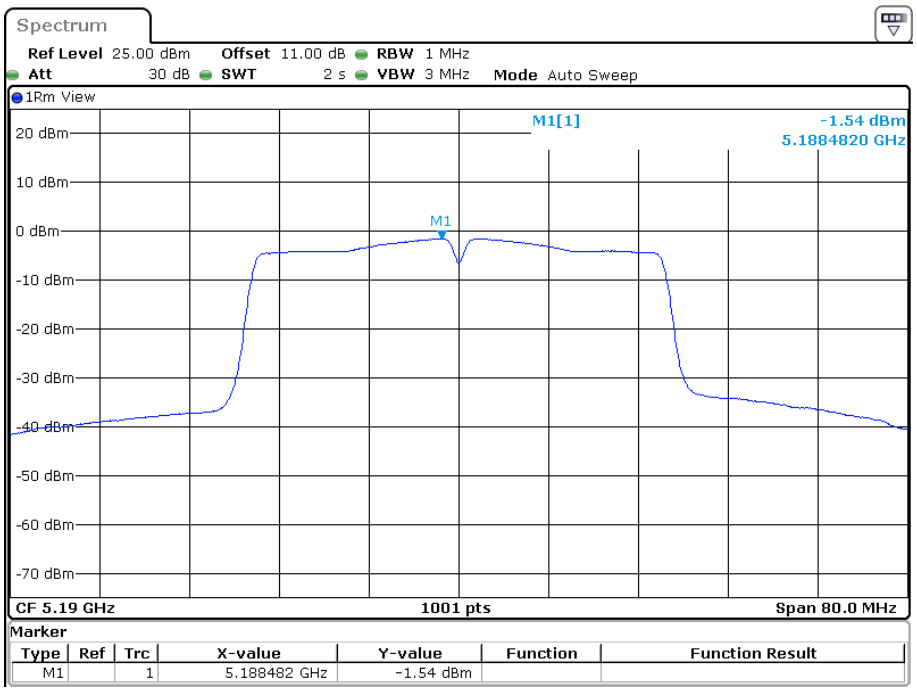
Date: 27.JUN.2022 22:48:17

802. 11ac20 mode, Power Spectral Density, 5240 MHz



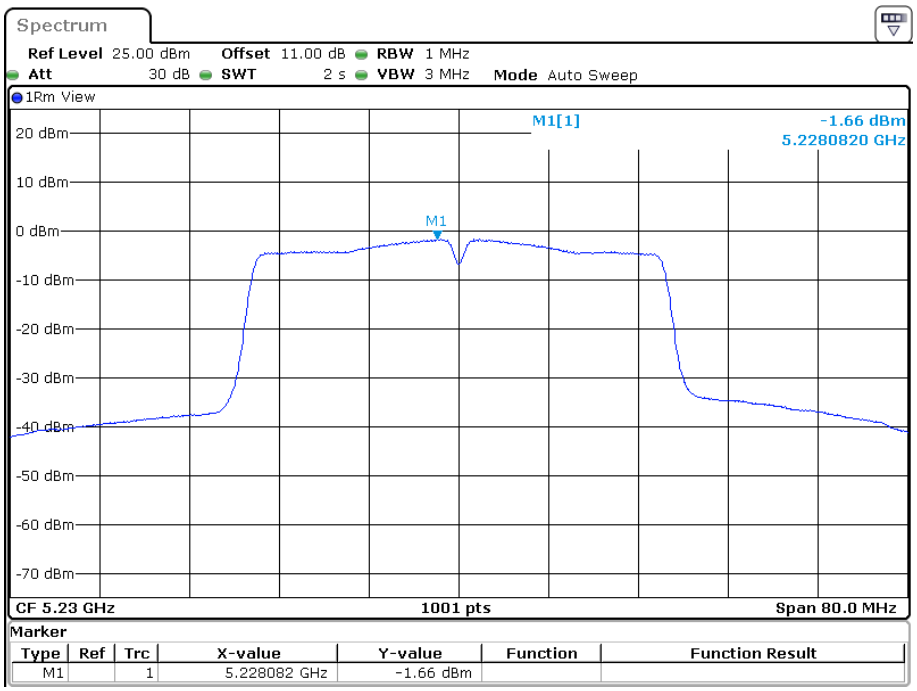
Date: 27.JUN.2022 22:50:44

802. 11ac40 mode, Power Spectral Density, 5190 MHz



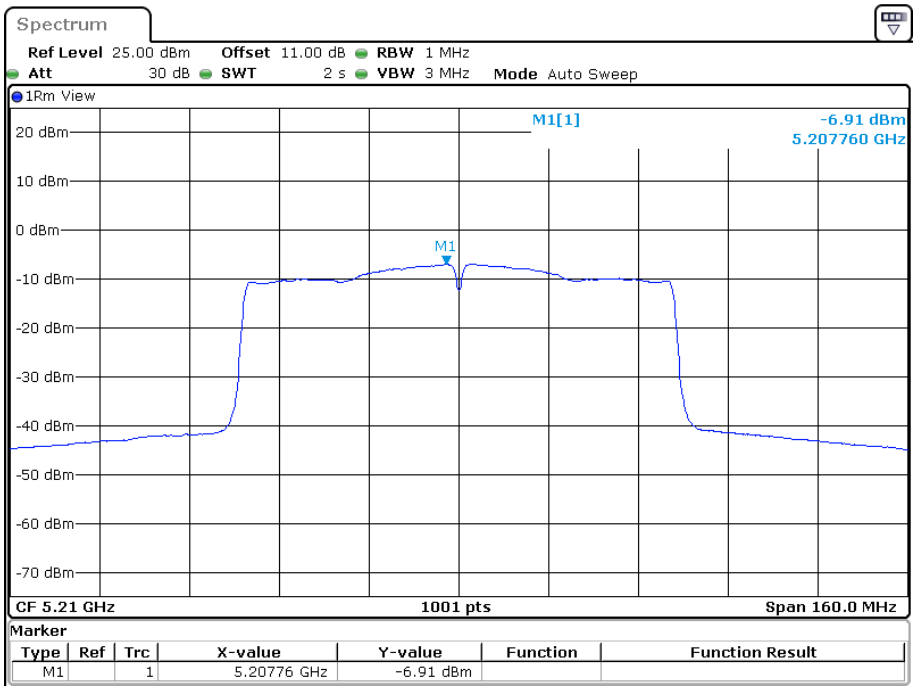
Date: 27.JUN.2022 23:56:49

802. 11ac40 mode, Power Spectral Density, 5230 MHz



Date: 27.JUN.2022 23:59:24

802. 11ac80 mode, Power Spectral Density, 5210 MHz



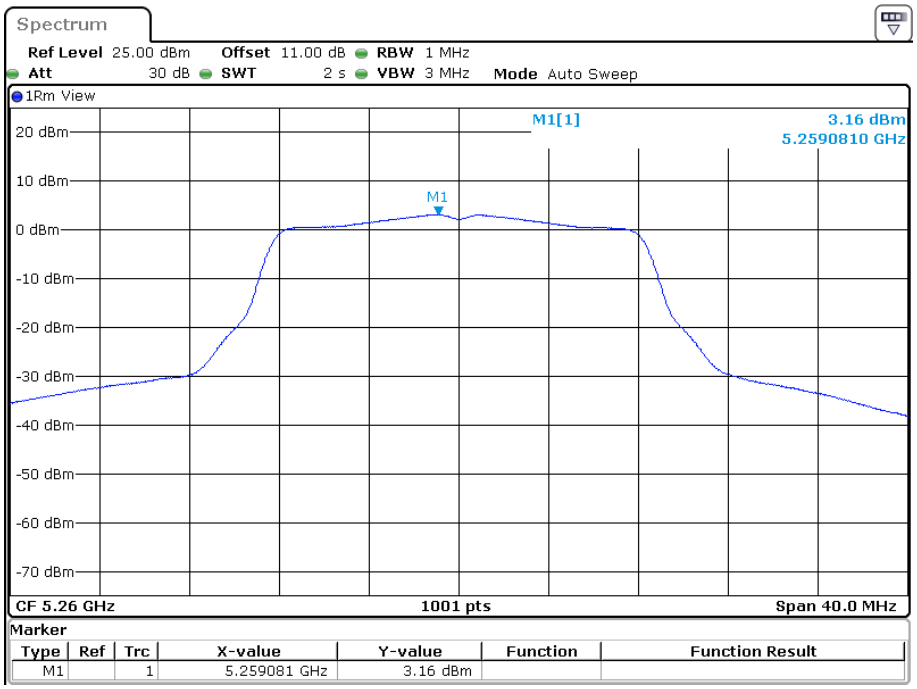
Date: 28.JUN.2022 00:20:36

5250 MHz – 5350 MHz:

Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Limit (dBm/MHz)
802.11a					
5260	0	3.16	0.31	3.47	11
5280	0	3.15	0.31	3.46	
5320	0	3.23	0.31	3.54	
802.11n20					
5260	0	2.48	0.32	2.80	11
5280	0	2.36	0.32	2.68	
5320	0	2.58	0.32	2.90	
802.11n40					
5270	0	-2.15	1.64	-0.51	11
5310	0	-2.00	1.64	-0.36	
802.11ac20					
5260	0	2.51	0.33	2.84	11
5280	0	2.52	0.33	2.85	
5320	0	2.45	0.33	2.78	
802.11ac40					
5270	0	-2.26	0.63	-1.63	11
5310	0	-2.06	0.63	-1.43	
802.11ac80					
5290	0	-7.19	1.21	-5.98	11

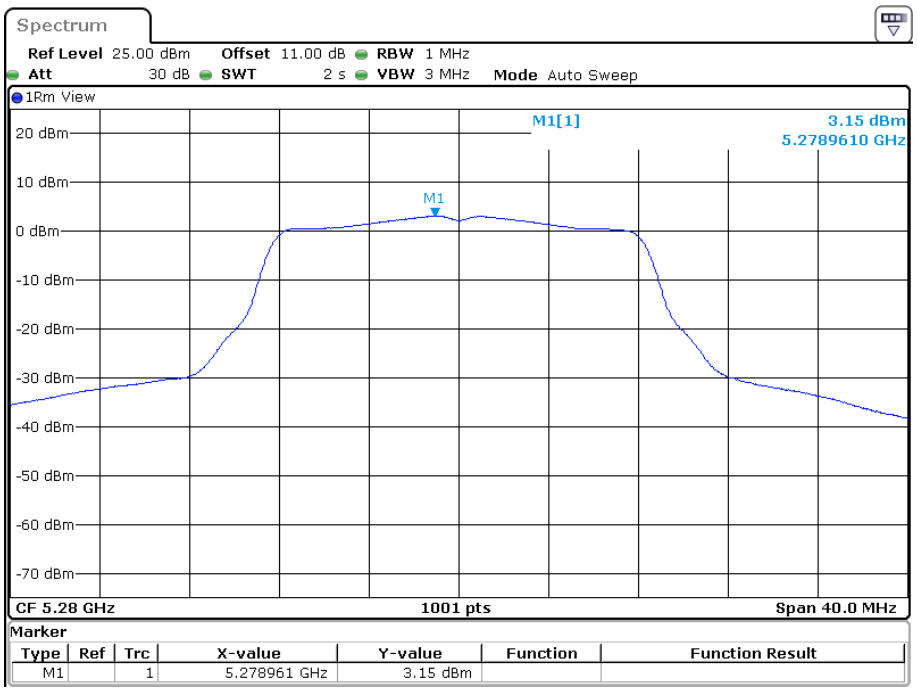
Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

802.11a mode, Power Spectral Density, 5260MHz



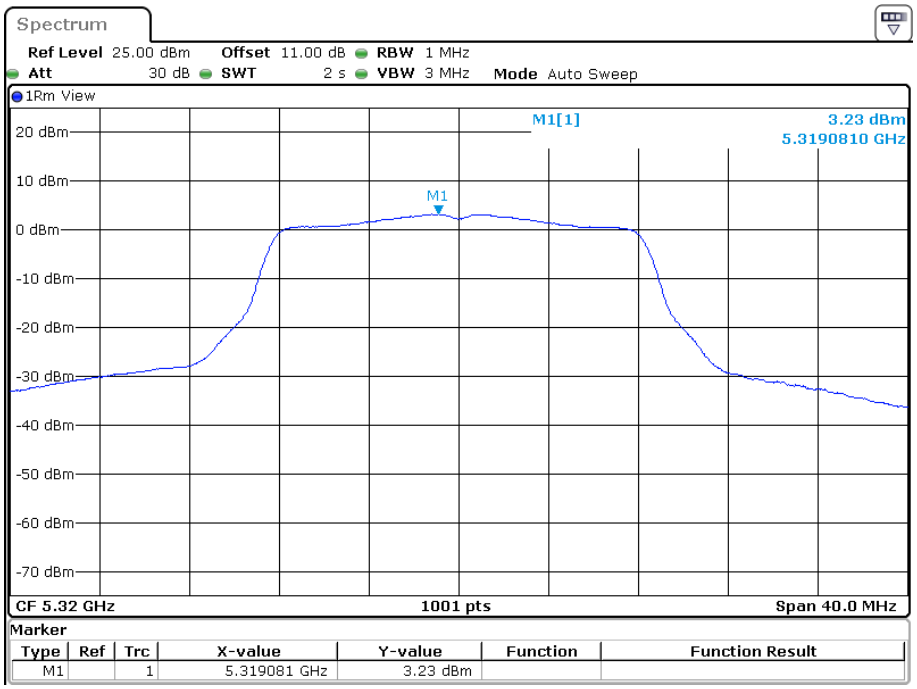
Date: 27.JUN.2022 21:26:18

802.11a mode, Power Spectral Density, 5280MHz



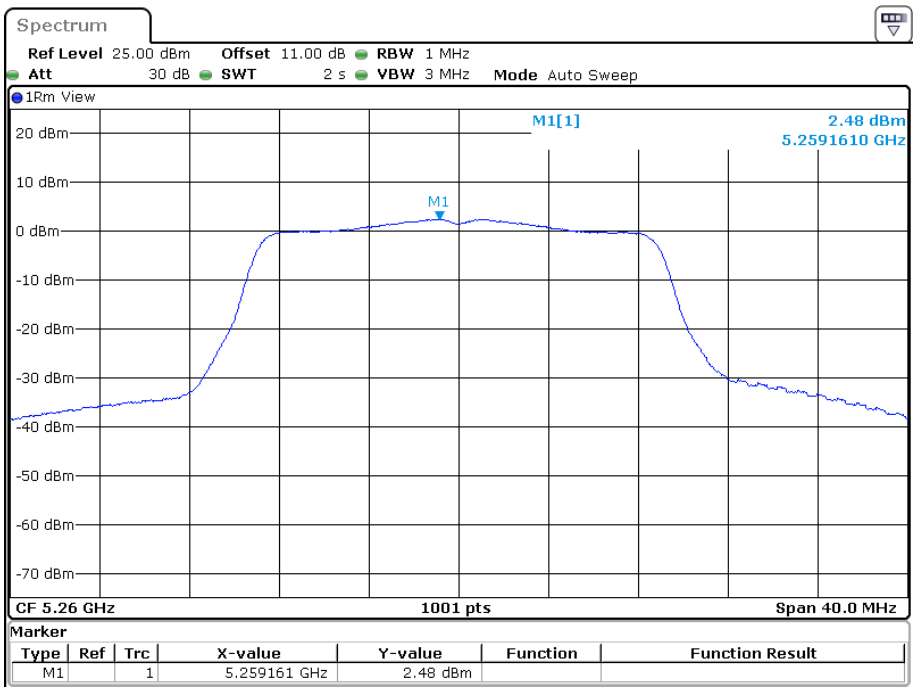
Date: 27.JUN.2022 21:28:56

802.11a mode, Power Spectral Density, 5320 MHz



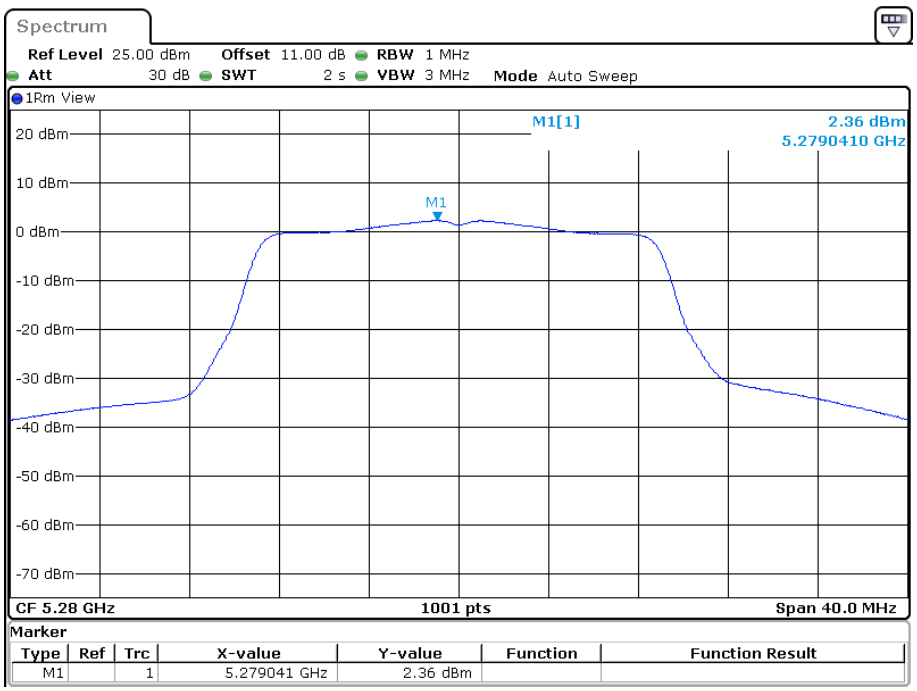
Date: 27.JUN.2022 21:32:24

802.11n20 mode, Power Spectral Density, 5260 MHz



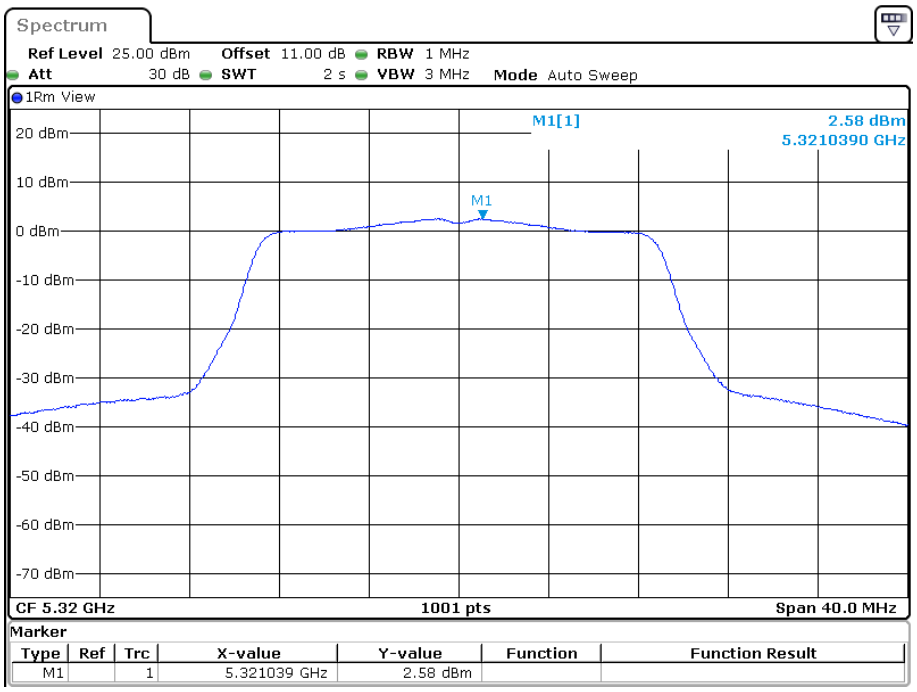
Date: 27.JUN.2022 22:19:14

802.11n20 mode, Power Spectral Density, 5280MHz



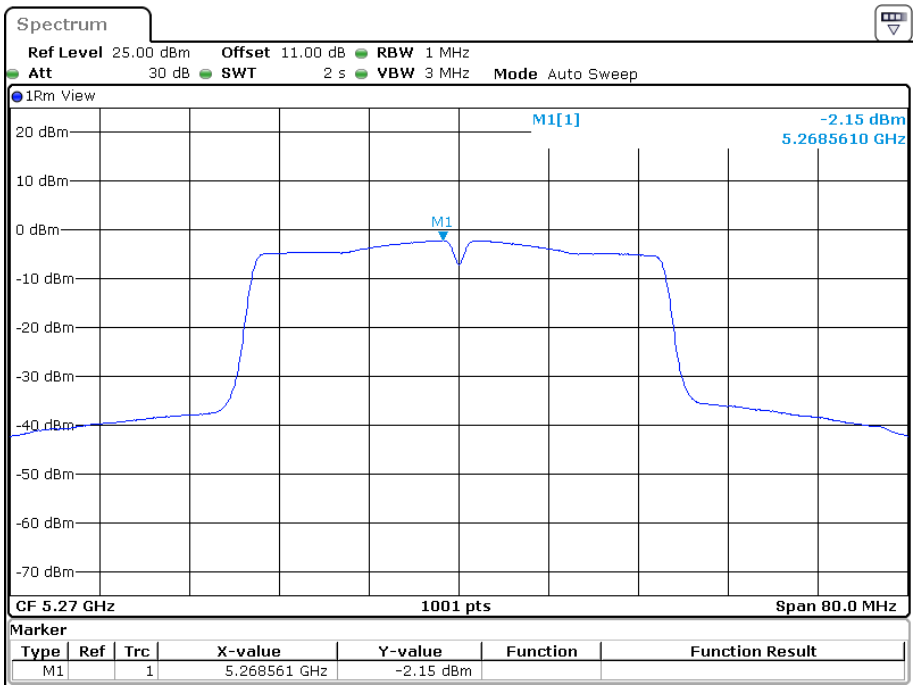
Date: 27.JUN.2022 22:23:31

802.11n20 mode, Power Spectral Density, 5320MHz



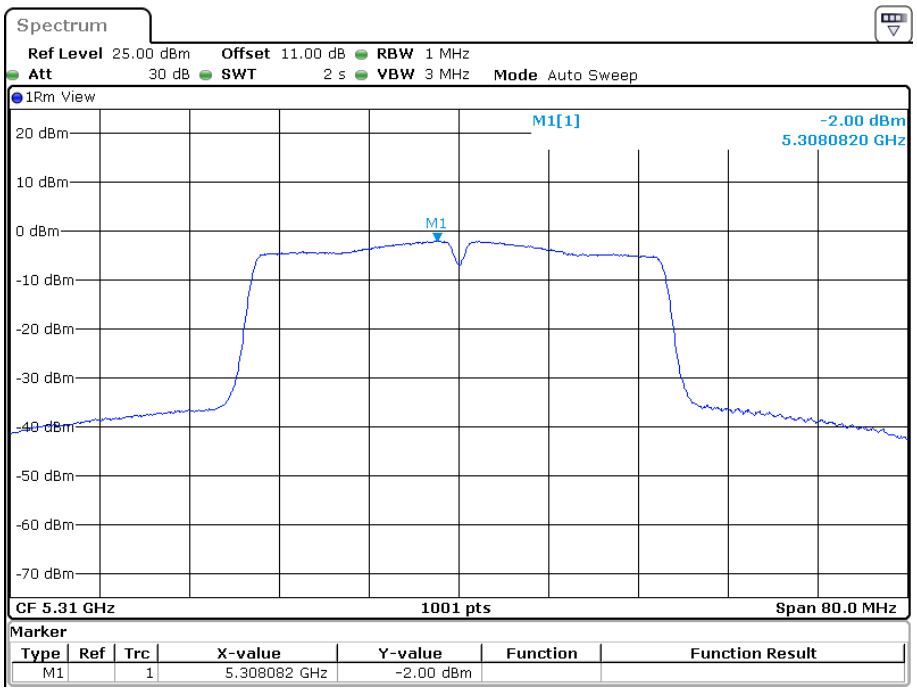
Date: 27.JUN.2022 22:25:58

802.11n40 mode, Power Spectral Density, 5270MHz



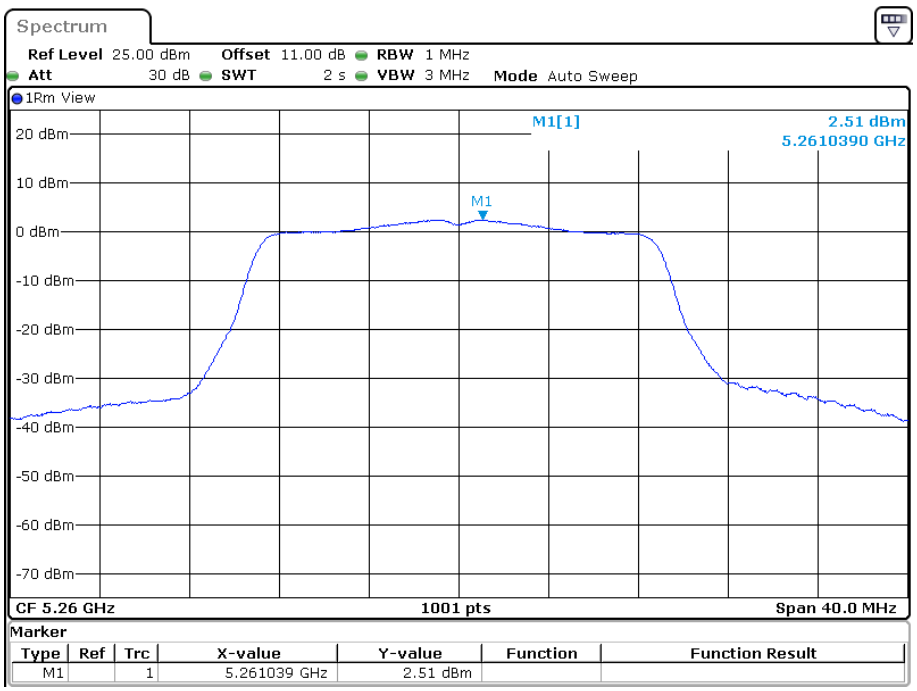
Date: 27.JUN.2022 23:37:04

802.11n40 mode, Power Spectral Density, 5310MHz



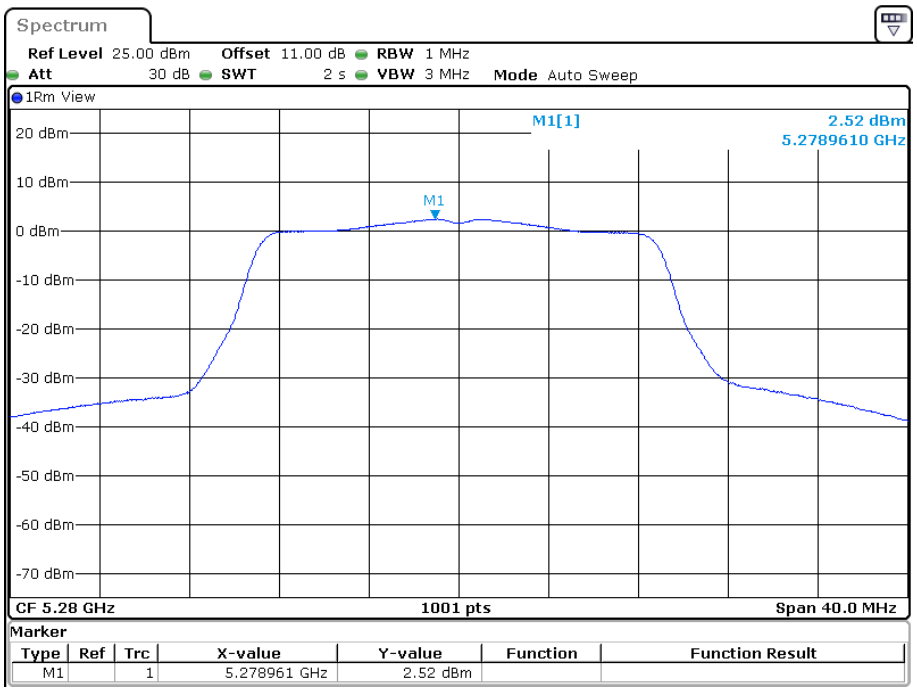
Date: 27.JUN.2022 23:39:33

802.11ac20 mode, Power Spectral Density, 5260 MHz



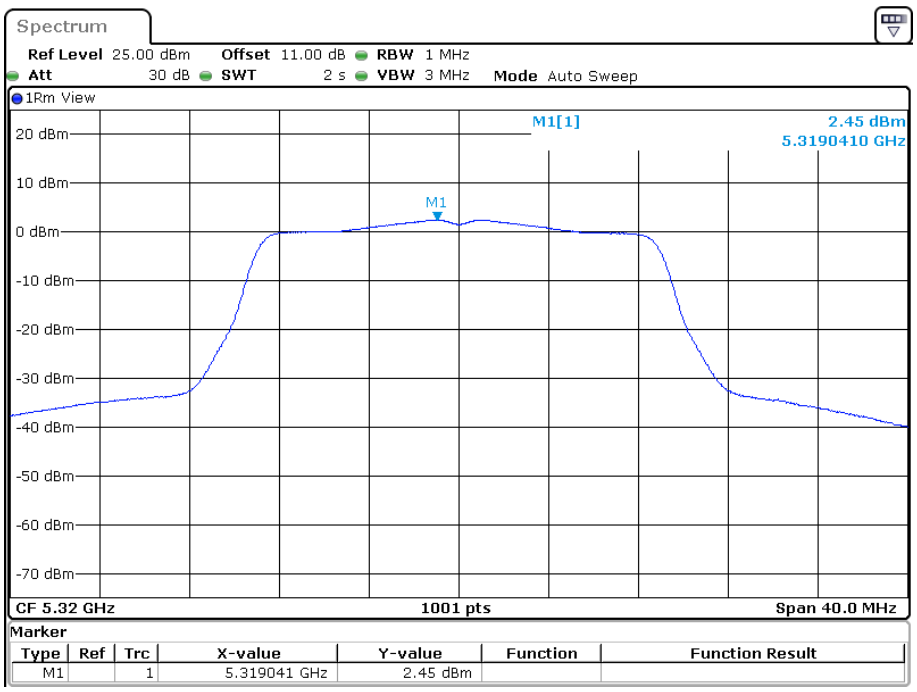
Date: 27.JUN.2022 22:57:29

802. 11ac20 mode, Power Spectral Density, 5280MHz



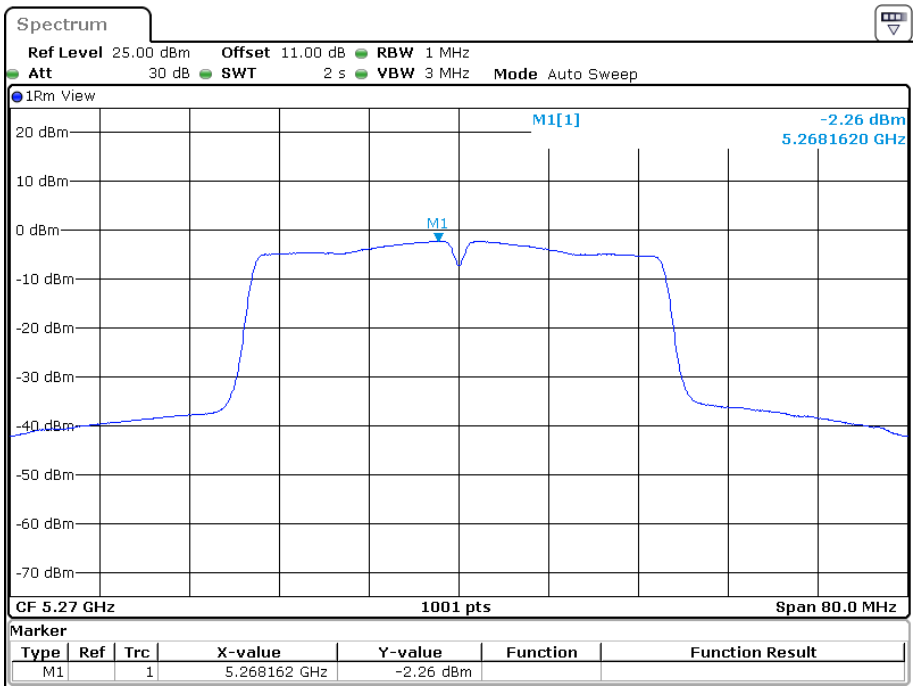
Date: 27.JUN.2022 23:05:12

802. 11ac20 mode, Power Spectral Density, 5320MHz



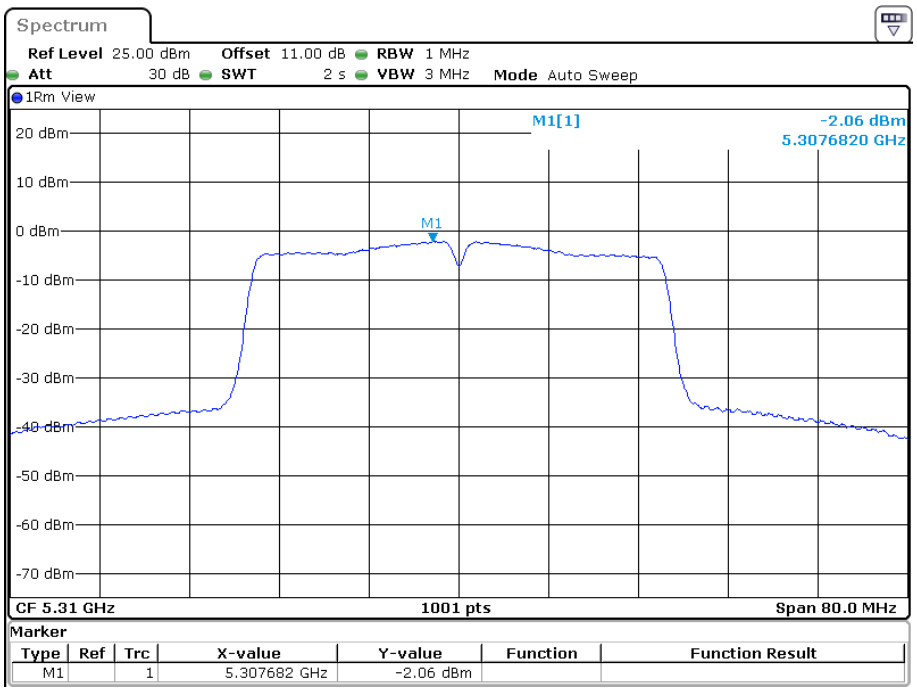
Date: 27.JUN.2022 23:00:04

802. 11ac40 mode, Power Spectral Density, 5270MHz



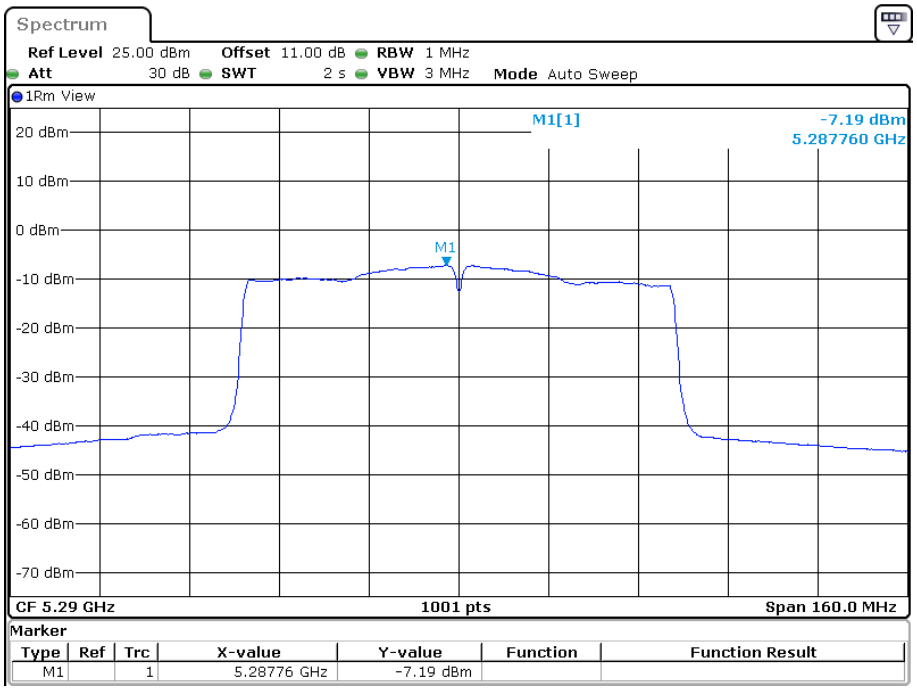
Date: 28.JUN.2022 00:02:08

802. 11ac40 mode, Power Spectral Density, 5310 MHz



Date: 28.JUN.2022 00:04:40

802. 11ac80 mode, Power Spectral Density, 5290 MHz



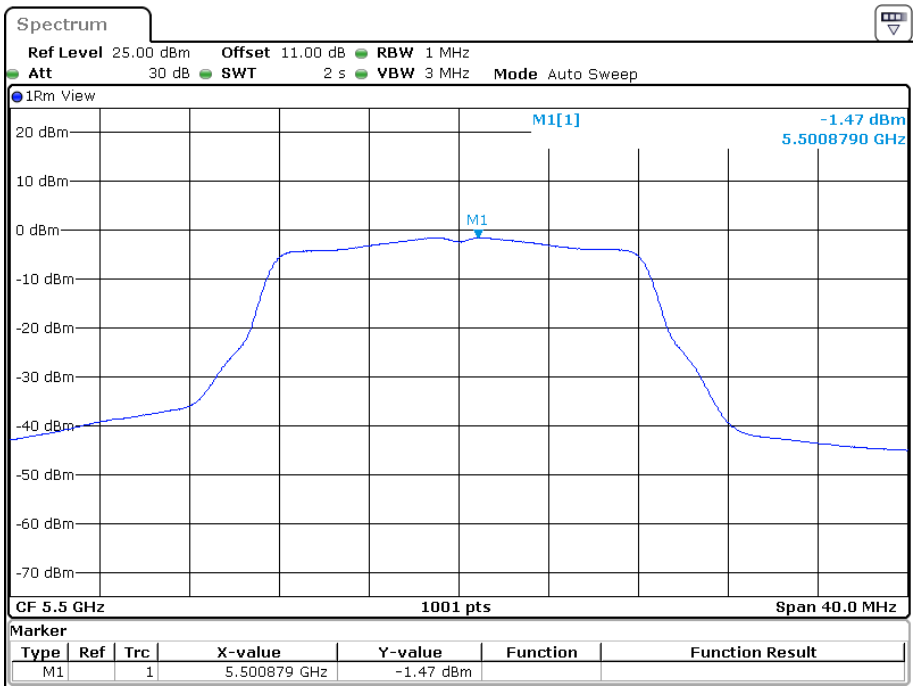
Date: 28.JUN.2022 00:23:28

5470 MHz – 5725 MHz

Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Limit (dBm/MHz)
802.11a					
5500	0	-1.47	0.31	-1.16	11
5580	0	-2.14	0.31	-1.83	
5700	0	-1.67	0.31	-1.36	
802.11n20					
5500	0	-1.94	0.32	-1.62	11
5580	0	-2.85	0.32	-2.53	
5700	0	-2.25	0.32	-1.93	
802.11n40					
5510	0	-6.87	0.65	-6.22	11
5550	0	-7.35	0.65	-6.70	
5670	0	-7.36	0.65	-6.71	
802.11ac20					
5500	0	-1.84	0.33	-1.51	11
5580	0	-2.58	0.33	-2.25	
5700	0	-2.22	0.33	-1.89	
802.11ac40					
5510	0	-6.91	0.63	-6.28	11
5550	0	-7.37	0.63	-6.74	
5670	0	-7.40	0.63	-6.77	
802.11ac80					
5530	0	-10.84	1.19	-9.65	11
5610	0	-11.23	1.19	-10.04	

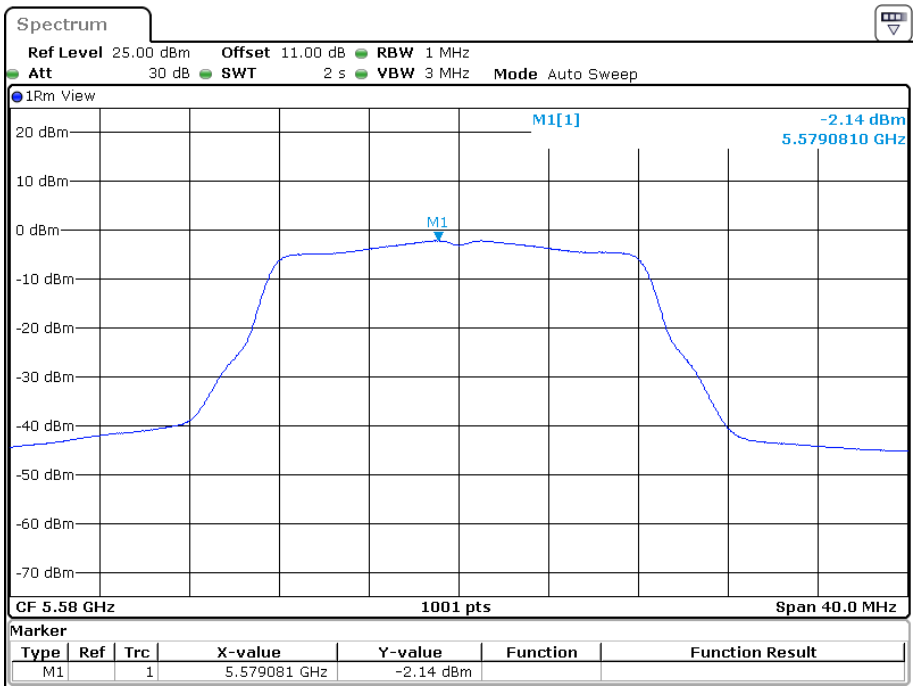
Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

802.11a mode, Power Spectral Density, 5500MHz



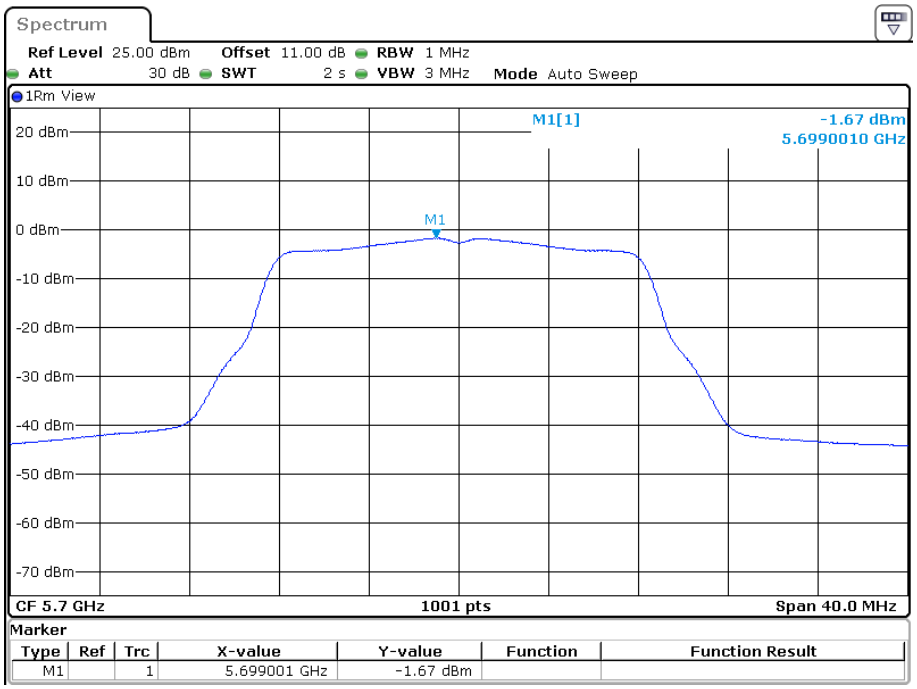
Date: 27.JUN.2022 21:35:03

802.11a mode, Power Spectral Density, 5580MHz



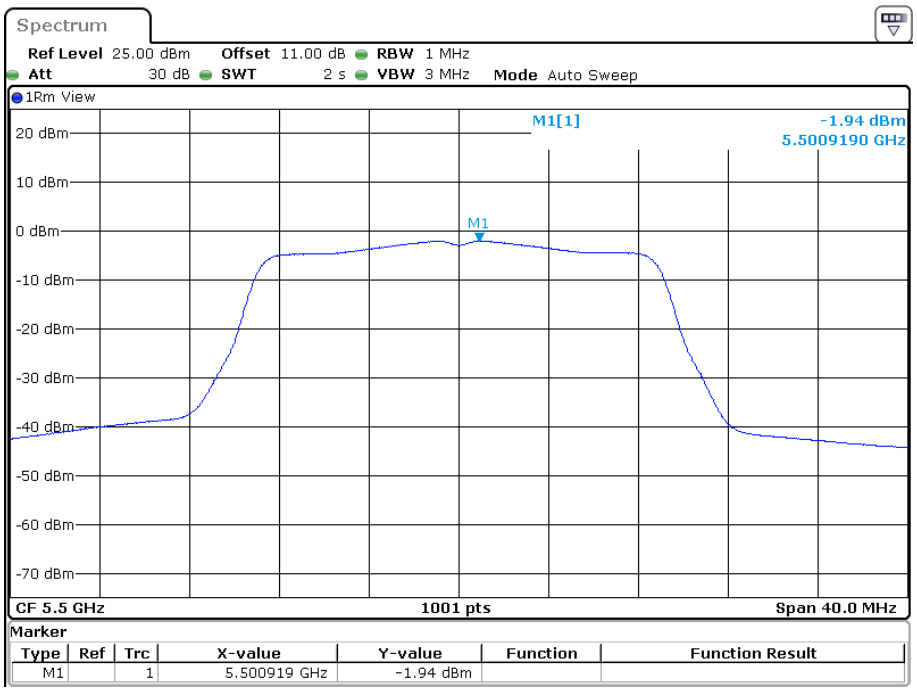
Date: 27.JUN.2022 21:37:40

802.11a mode, Power Spectral Density, 5700MHz



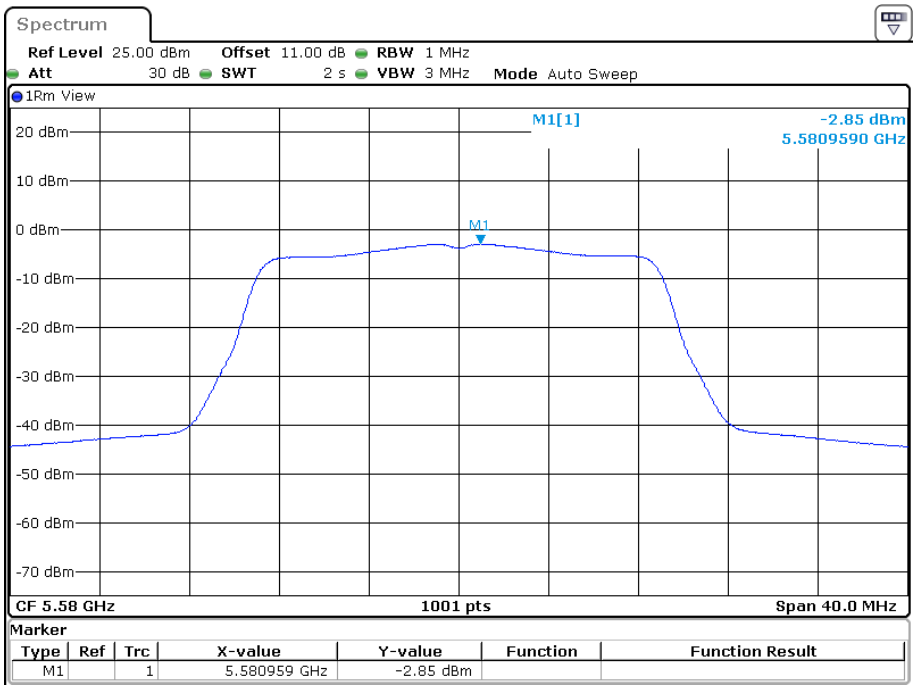
Date: 27.JUN.2022 21:40:15

802.11n20 mode, Power Spectral Density, 5500MHz



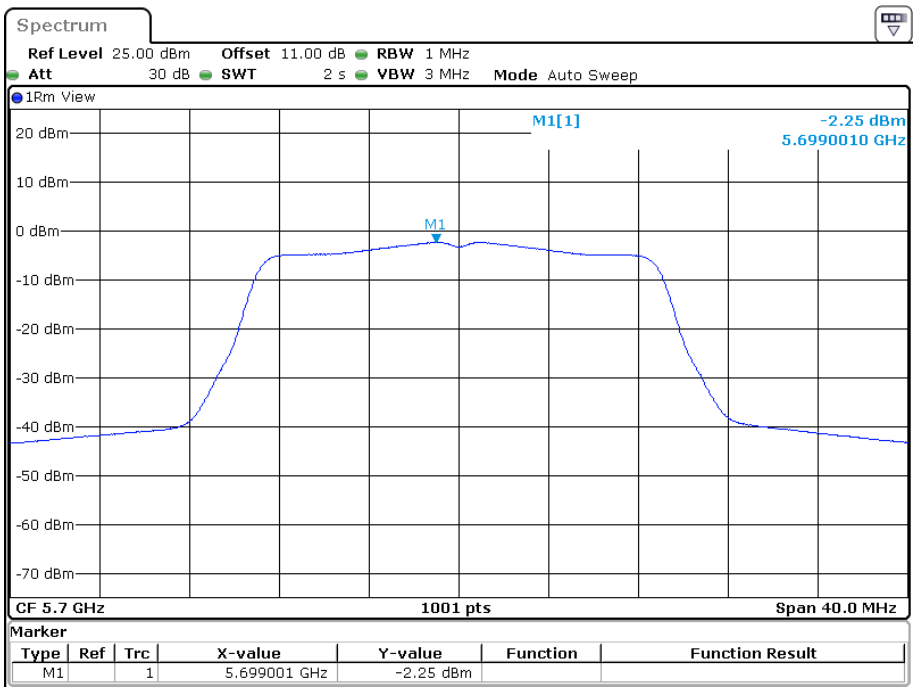
Date: 27.JUN.2022 22:28:53

802.11n20 mode, Power Spectral Density, 5580MHz



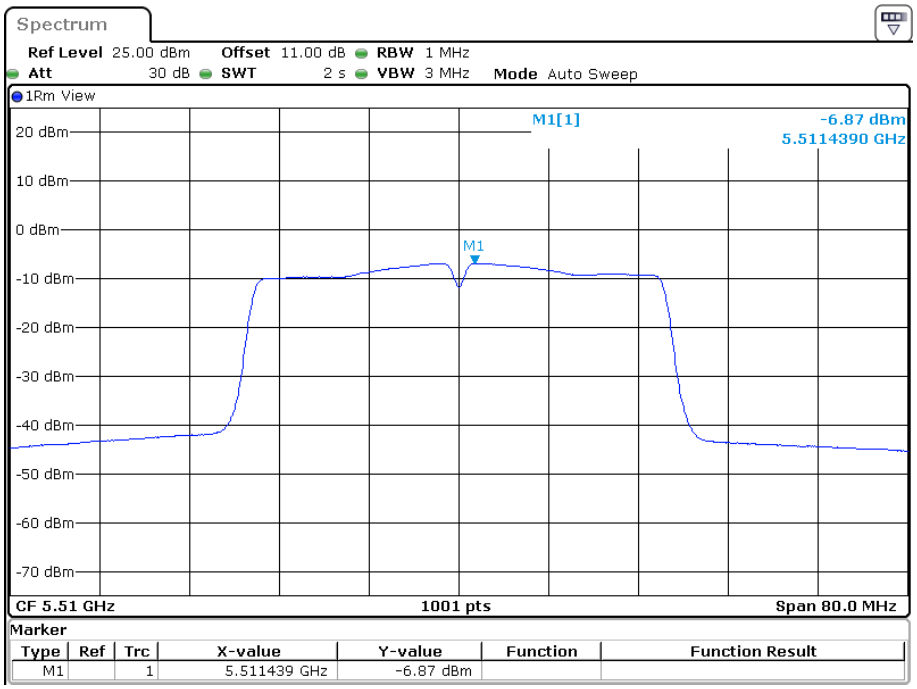
Date: 27.JUN.2022 22:31:33

802.11n20 mode, Power Spectral Density, 5700MHz



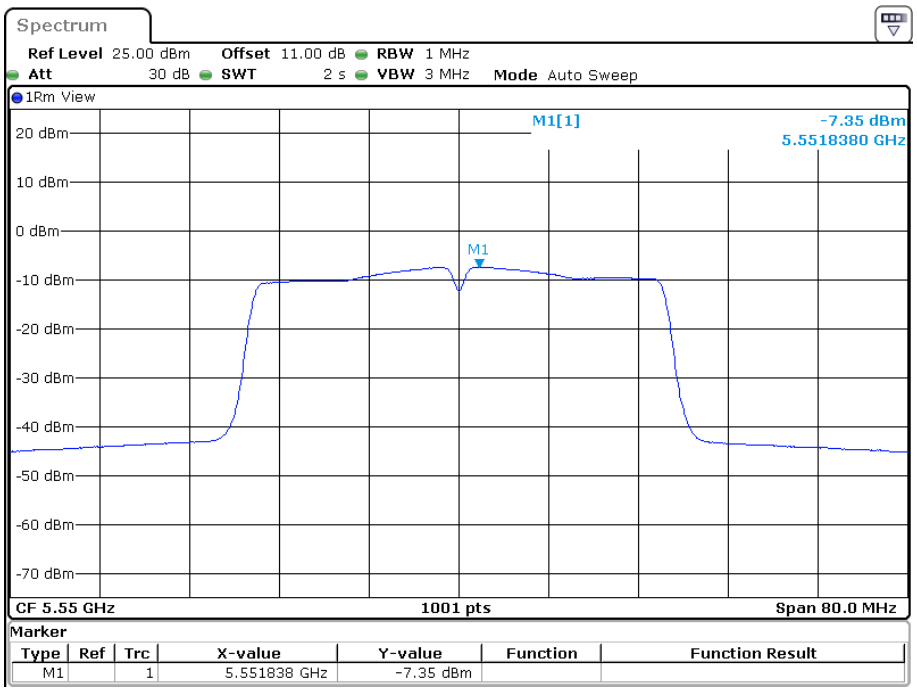
Date: 27.JUN.2022 22:34:04

802.11n40 mode, Power Spectral Density, 5510MHz



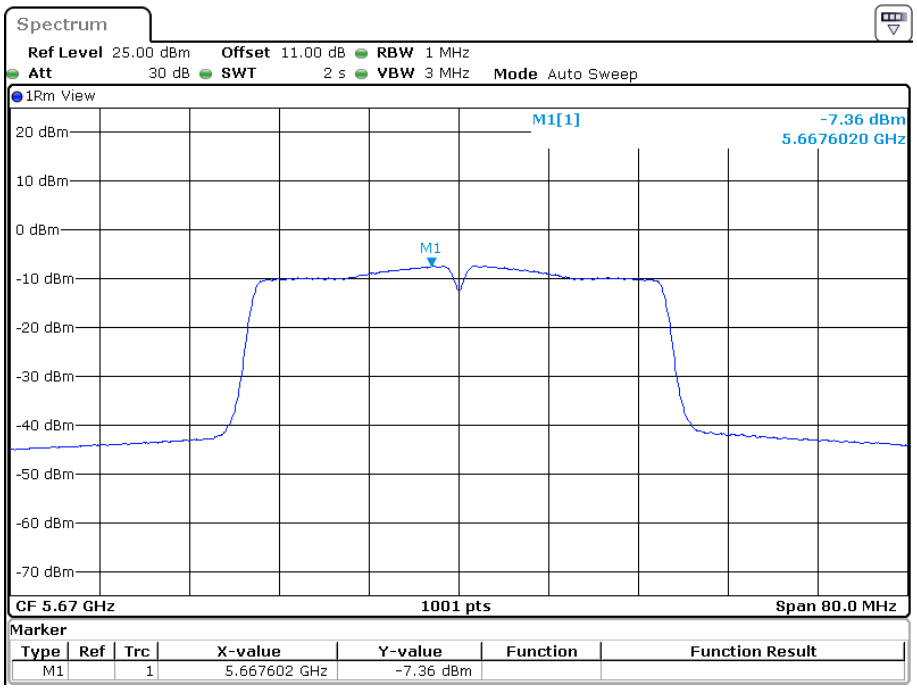
Date: 27.JUN.2022 23:42:11

802.11n40 mode, Power Spectral Density, 5550MHz



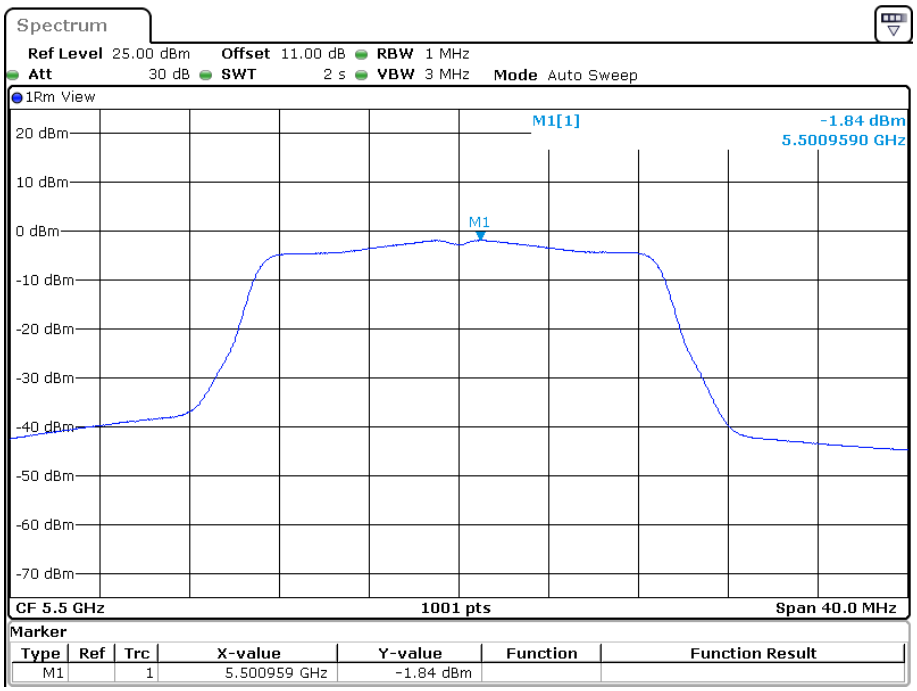
Date: 27.JUN.2022 23:44:55

802.11n40 mode, Power Spectral Density, 5670MHz



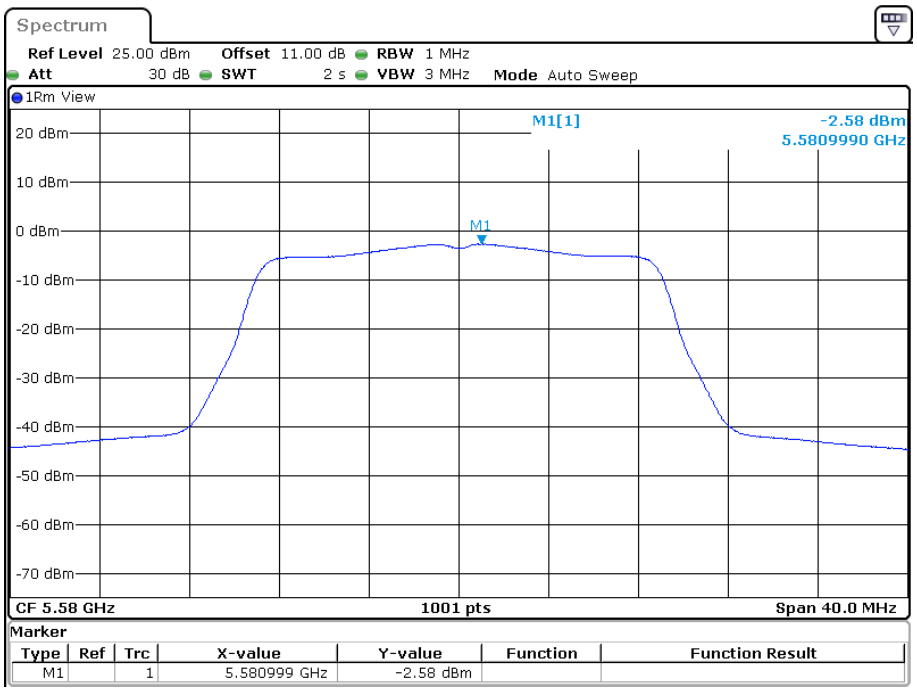
Date: 27.JUN.2022 23:47:40

802.11ac20 mode, Power Spectral Density, 5500 MHz



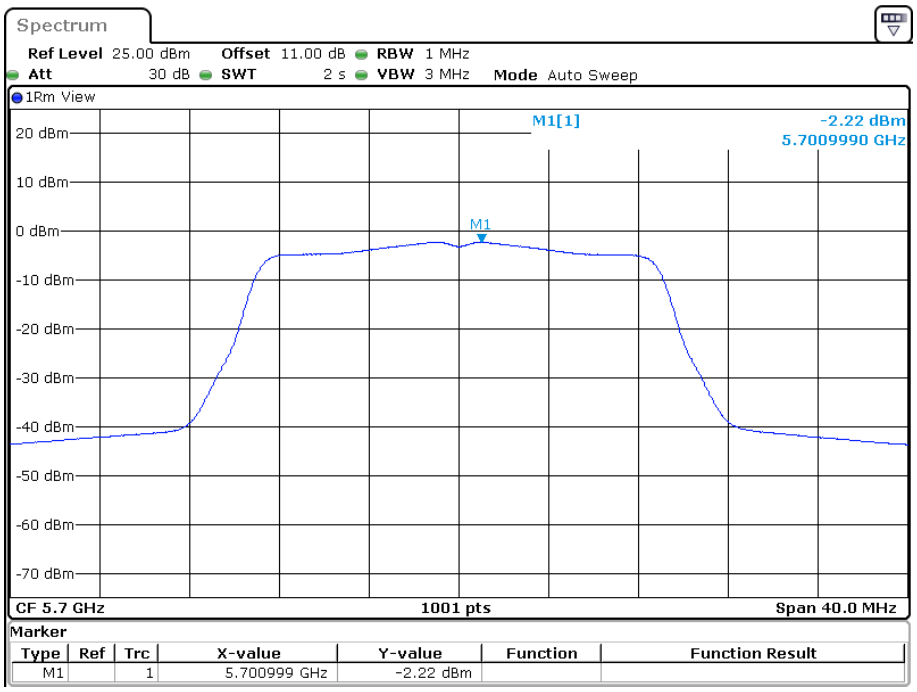
Date: 27.JUN.2022 23:02:44

802. 11ac20 mode, Power Spectral Density, 5580MHz



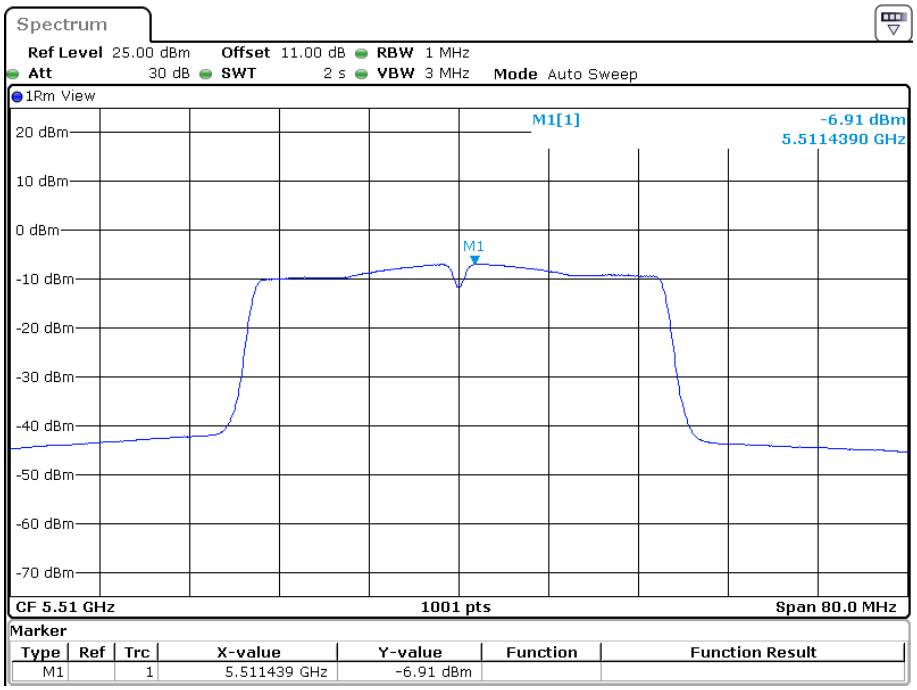
Date: 27.JUN.2022 23:08:07

802. 11ac20 mode, Power Spectral Density, 5700MHz



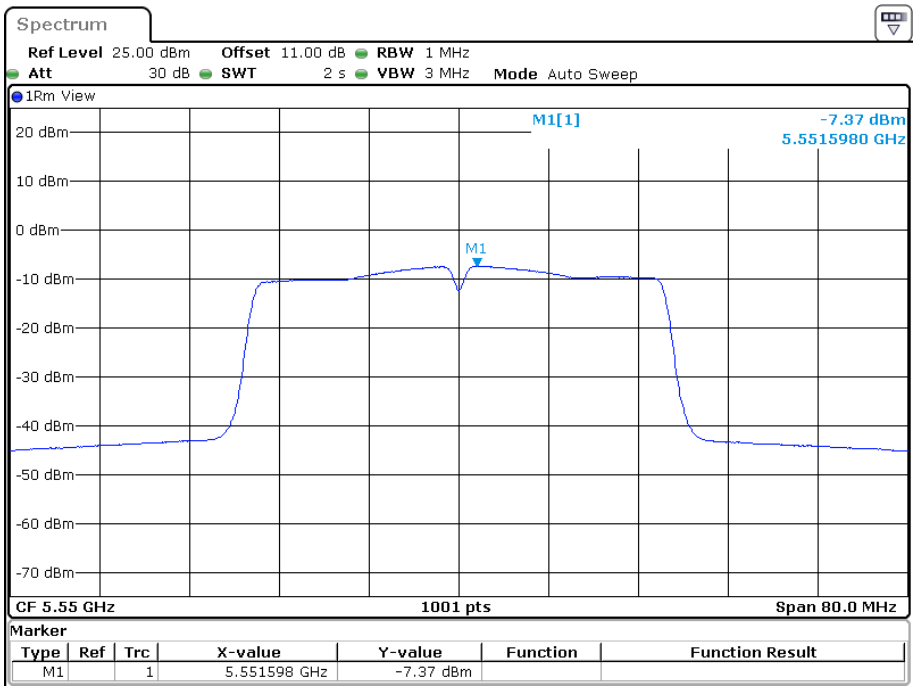
Date: 27.JUN.2022 23:10:54

802. 11ac40 mode, Power Spectral Density, 5510MHz



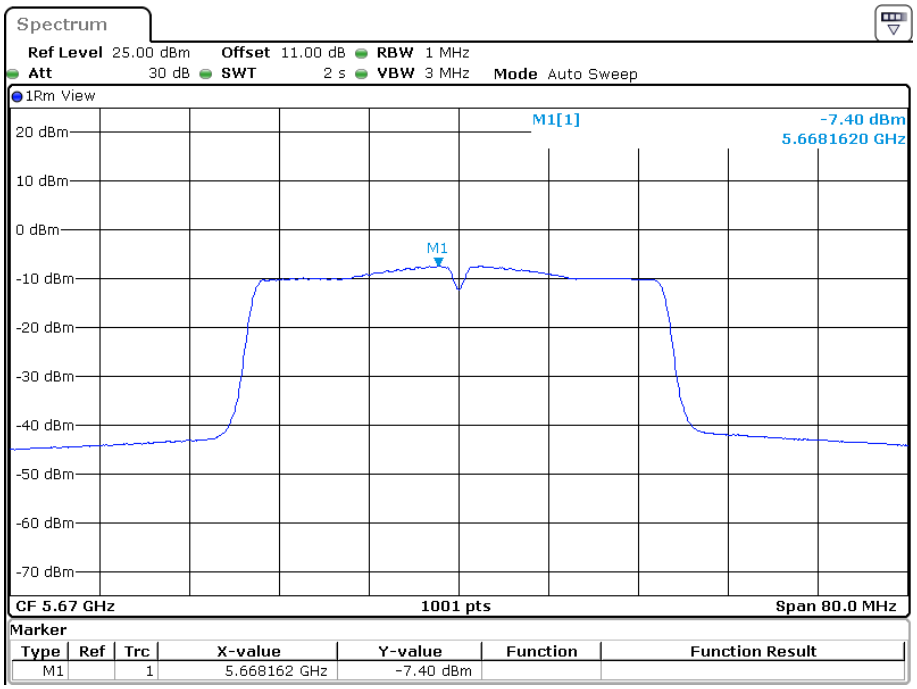
Date: 28.JUN.2022 00:07:18

802. 11ac40 mode, Power Spectral Density,5550MHz



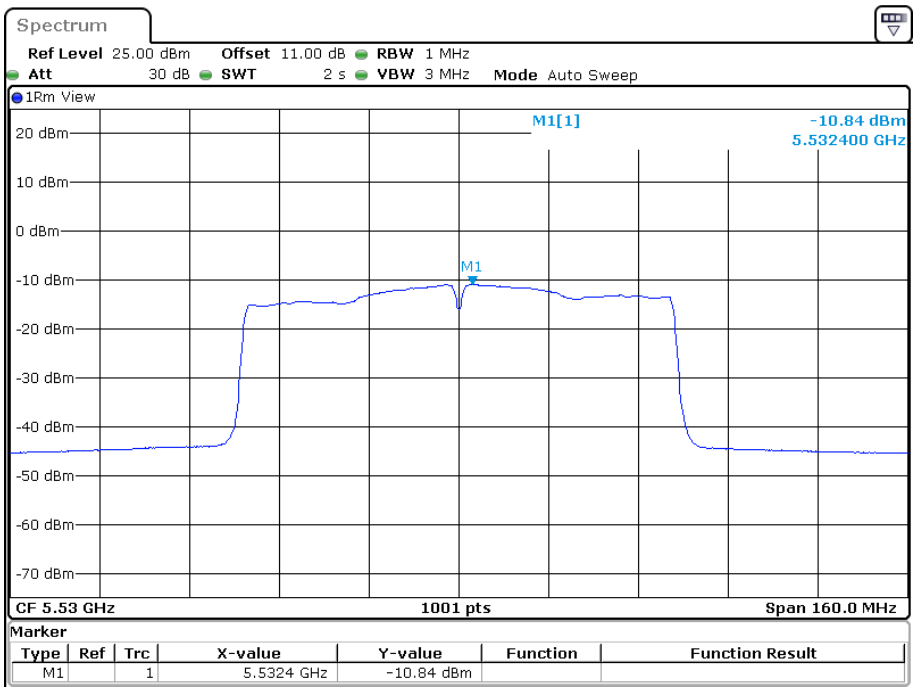
Date: 28.JUN.2022 00:10:07

802. 11ac40 mode, Power Spectral Density,5670MHz

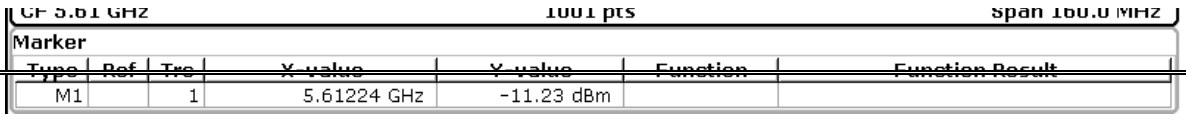


Date: 28.JUN.2022 00:12:41

802. 11ac80 mode, Power Spectral Density, 5530 MHz

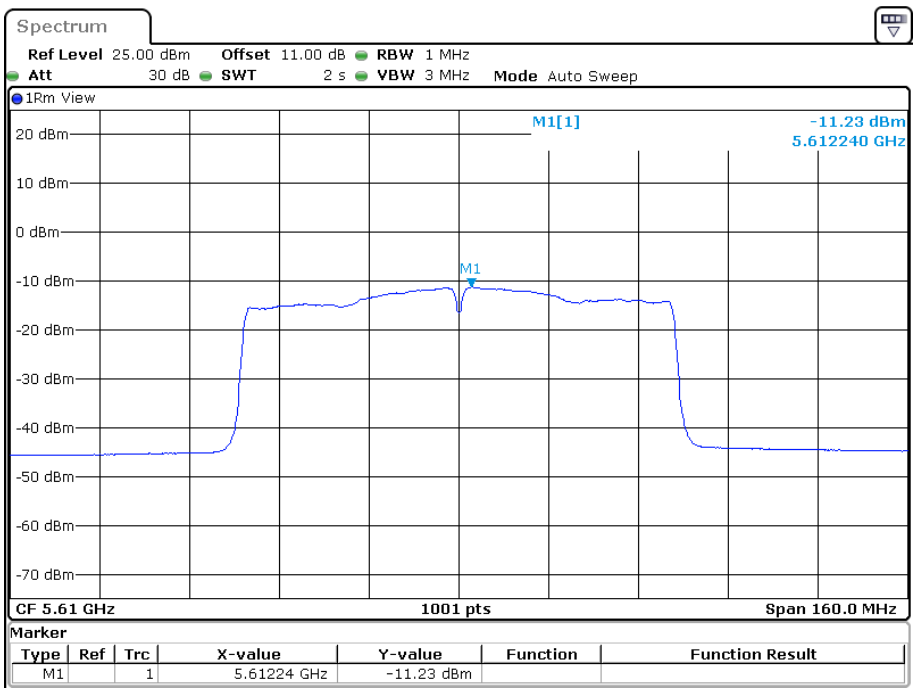


Date: 28.JUN.2022 00:26:12



SDate: 28.JUN.2022 00:29:16 0

802. 11ac80 mode, Power Spectral Density, 5610 MHz



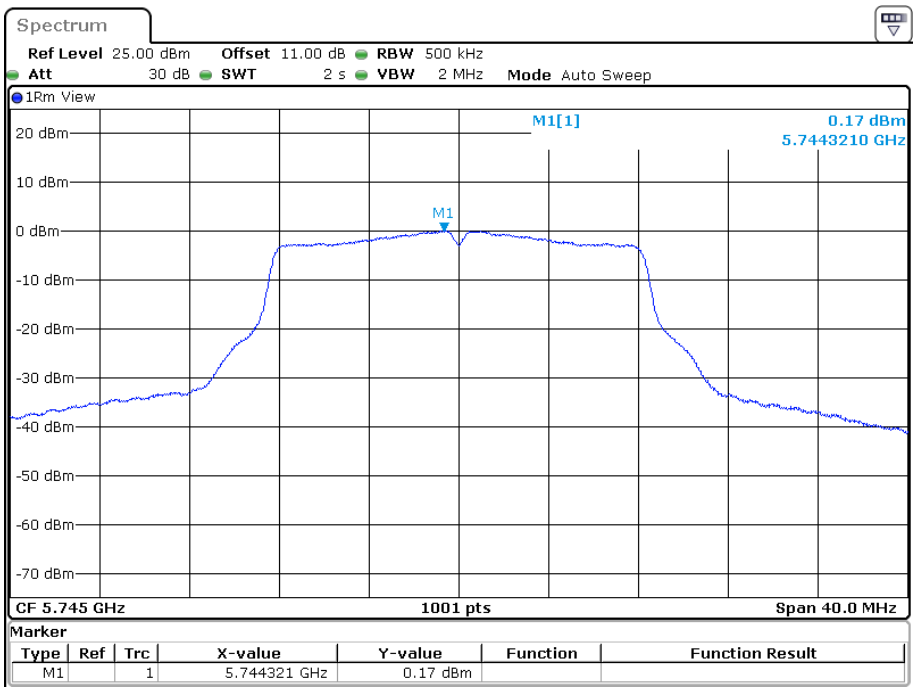
Date: 28.JUN.2022 00:29:16

5725 MHz – 5850MHz:

Frequency (MHz)	Antenna Port	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)
802.11a					
5745	0	0.17	0.31	0.48	30
5785	0	-0.02	0.31	0.29	
5825	0	-0.48	0.31	-0.17	
802.11n20					
5745	0	-0.54	0.32	-0.22	30
5785	0	-0.60	0.32	-0.28	
5825	0	-1.03	0.32	-0.71	
802.11n40					
5755	0	-3.50	0.64	-2.86	30
5795	0	-3.68	0.64	-3.04	
802.11ac20					
5745	0	-0.56	0.33	-0.23	30
5785	0	-0.69	0.33	-0.36	
5825	0	-1.12	0.33	-0.79	
802.11ac40					
5755	0	-3.50	0.64	-2.86	30
5795	0	-3.79	0.64	-3.15	
802.11ac80					
5775	0	-7.20	1.19	-6.01	30

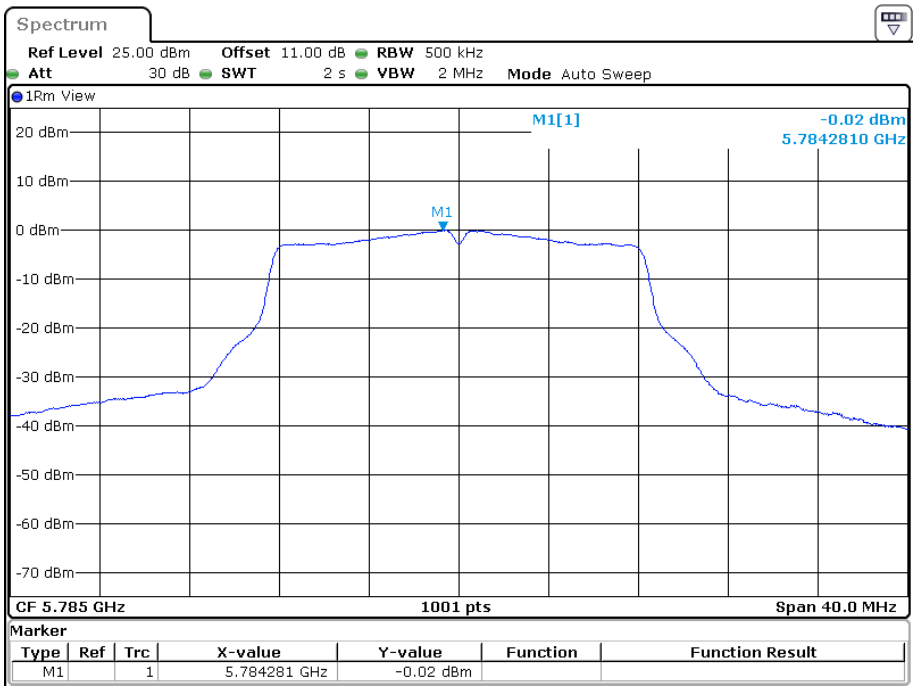
Note:
1) Power Spectral Density = Reading + Duty Cycle Factor.
2) Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

802.11a mode, Power Spectral Density, 5745MHz



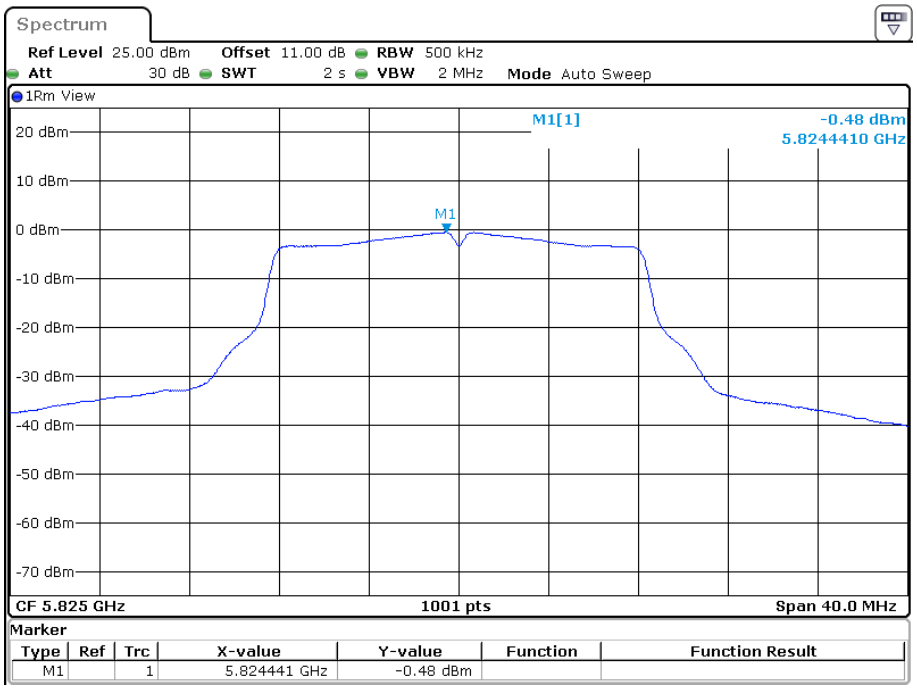
Date: 27.JUN.2022 21:42:52

802.11a mode, Power Spectral Density, 5785MHz



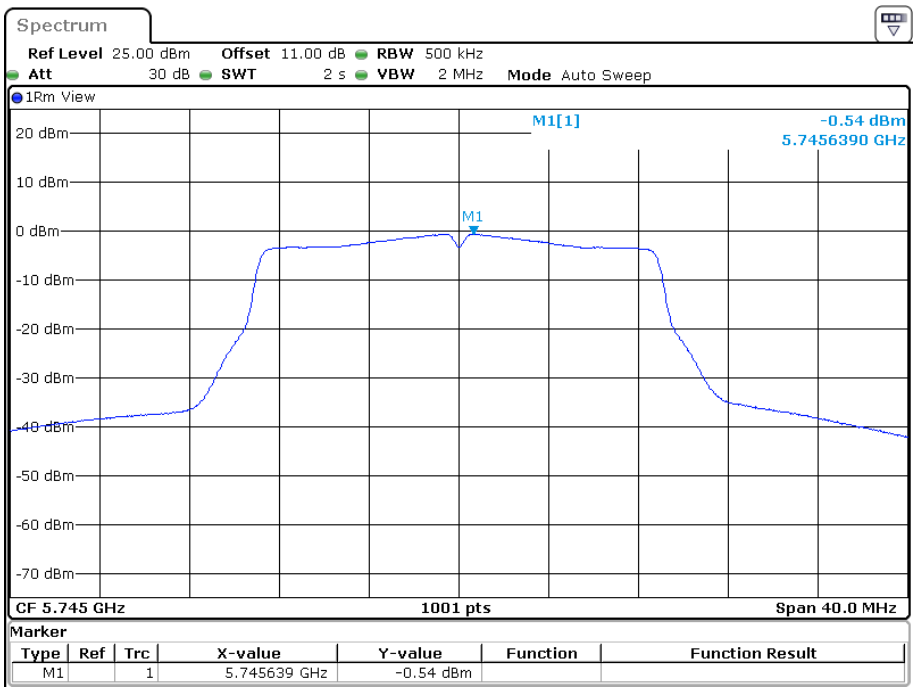
Date: 27.JUN.2022 21:45:24

802.11a mode, Power Spectral Density, 5825MHz



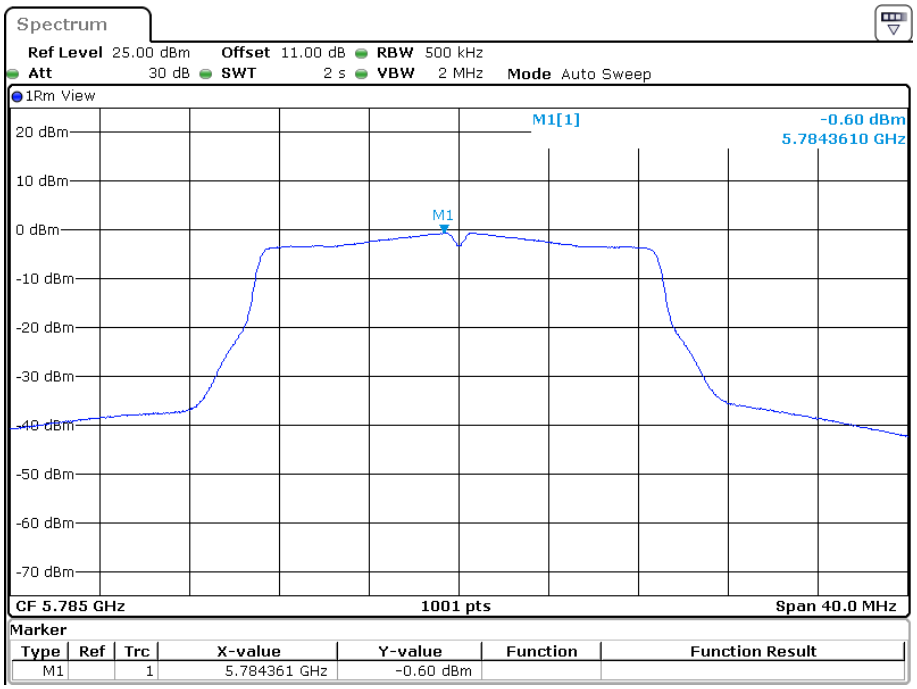
Date: 27.JUN.2022 21:47:56

802.11n20 mode, Power Spectral Density, 5745MHz



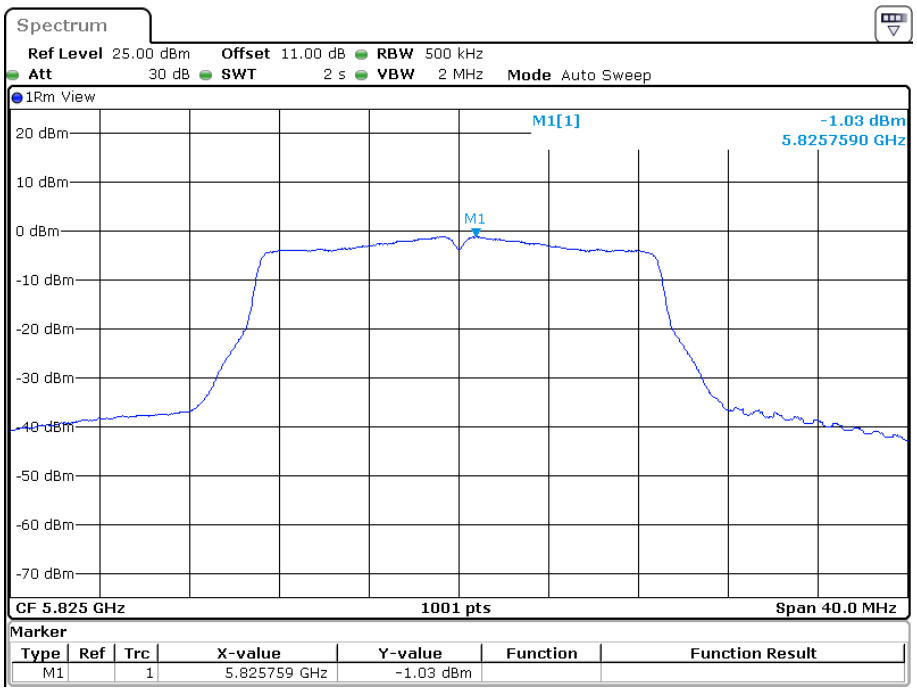
Date: 27.JUN.2022 22:36:46

802.11n20 mode, Power Spectral Density, 5785MHz



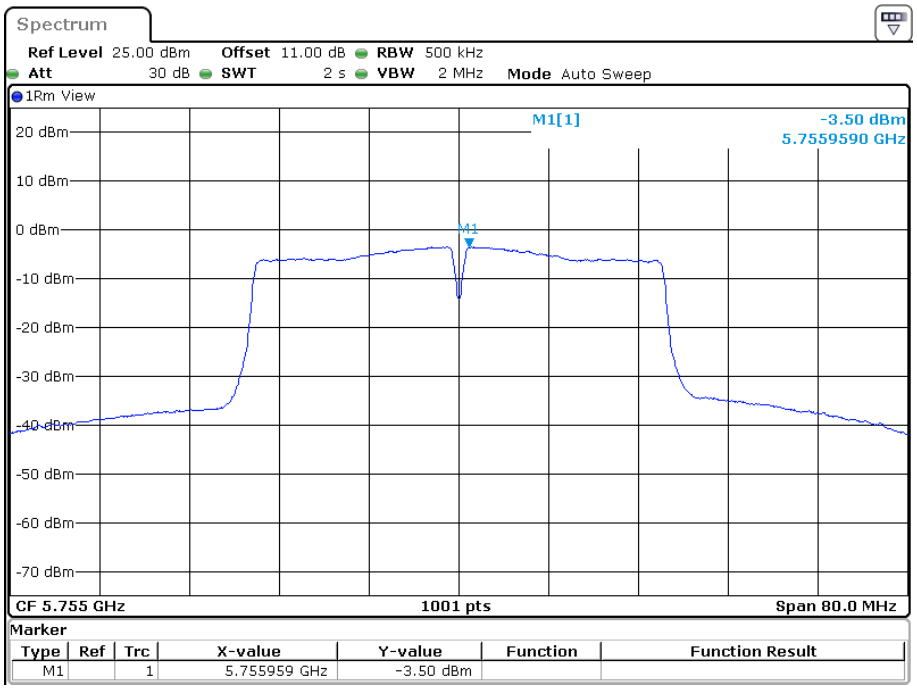
Date: 27.JUN.2022 22:39:30

802.11n20 mode, Power Spectral Density, 5825MHz



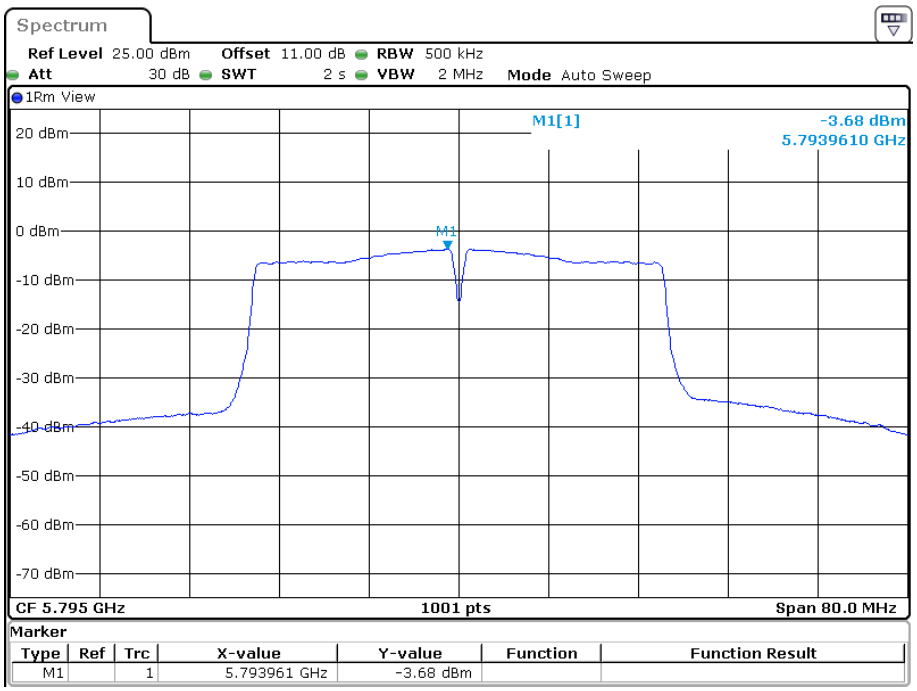
Date: 27.JUN.2022 22:41:59

802.11n40 mode, Power Spectral Density, 5755MHz



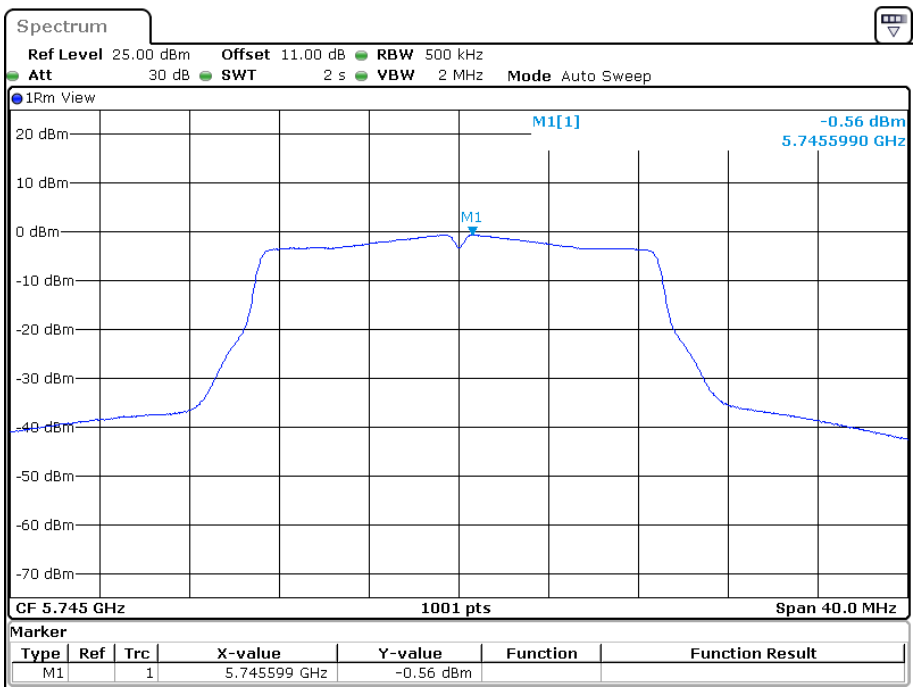
Date: 27.JUN.2022 23:50:17

802.11n40 mode, Power Spectral Density, 5795MHz



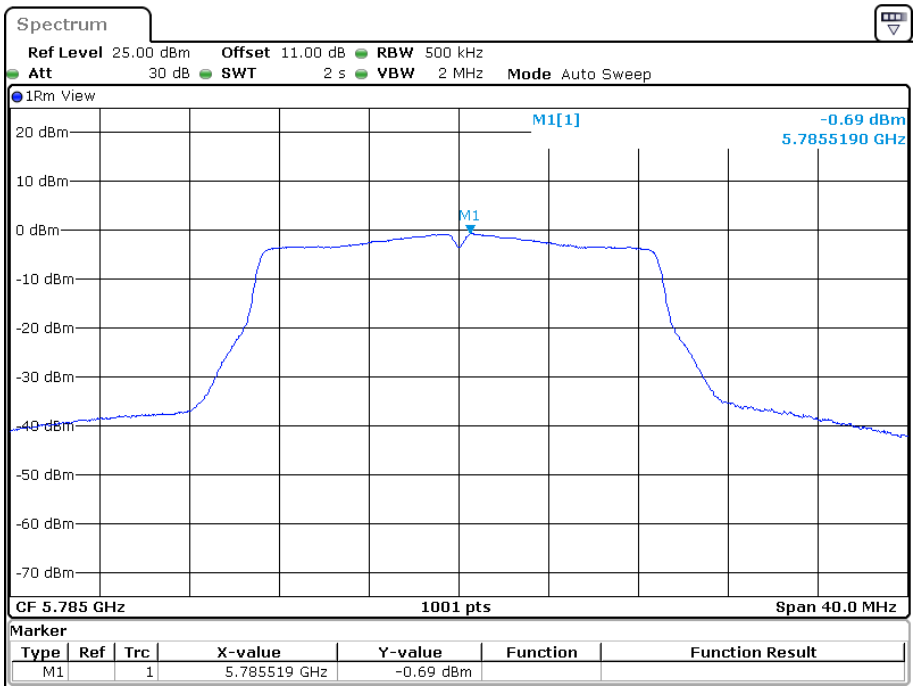
Date: 27.JUN.2022 23:53:58

802.11ac20 mode, Power Spectral Density, 5745 MHz



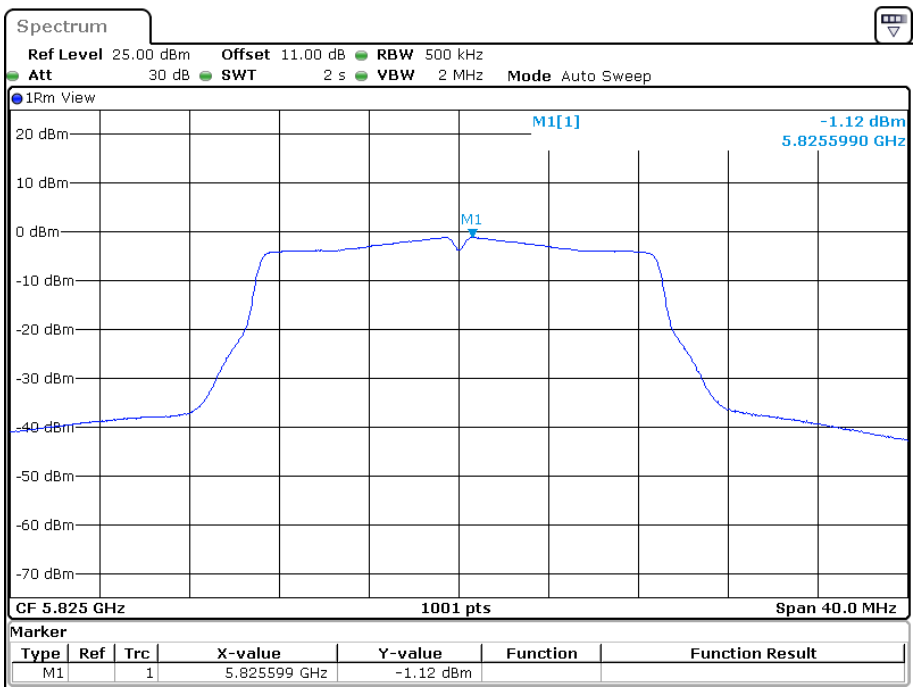
Date: 27.JUN.2022 23:13:23

802. 11ac20 mode, Power Spectral Density, 5785MHz



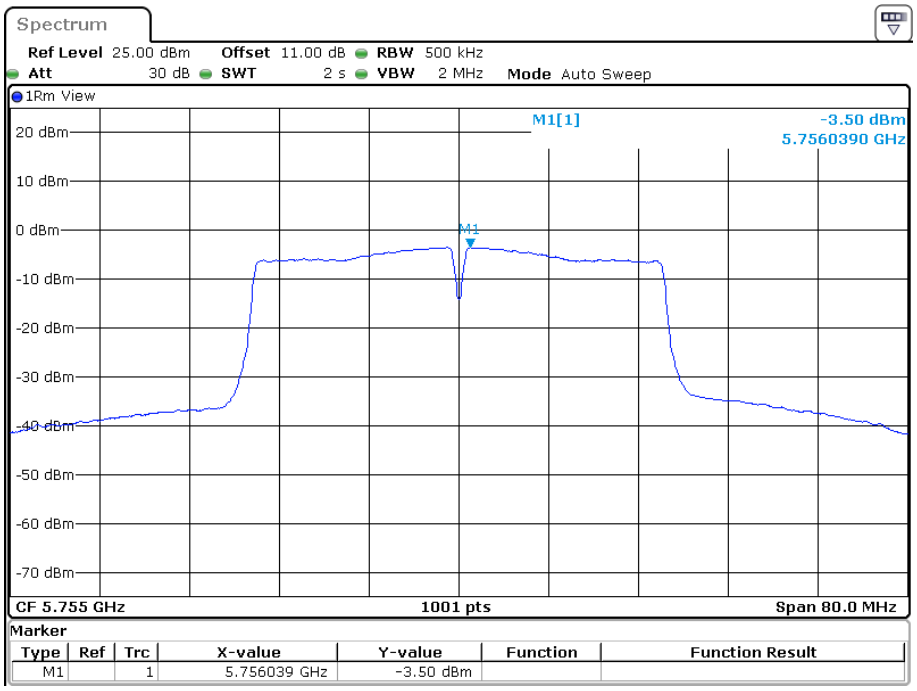
Date: 27.JUN.2022 23:15:59

802. 11ac20 mode, Power Spectral Density, 5825MHz



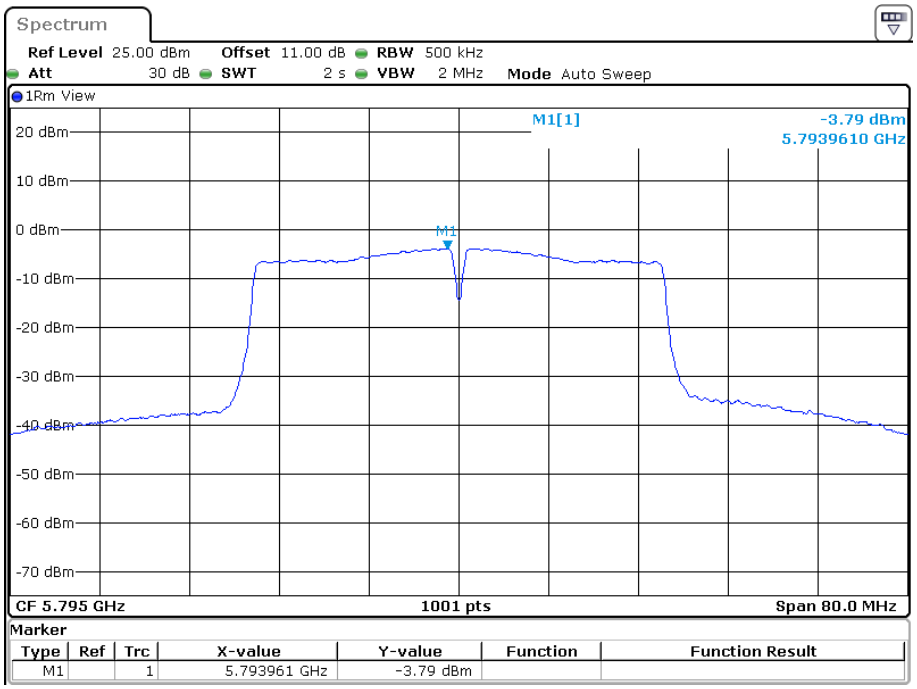
Date: 27.JUN.2022 23:18:42

802. 11ac40 mode, Power Spectral Density, 5755MHz



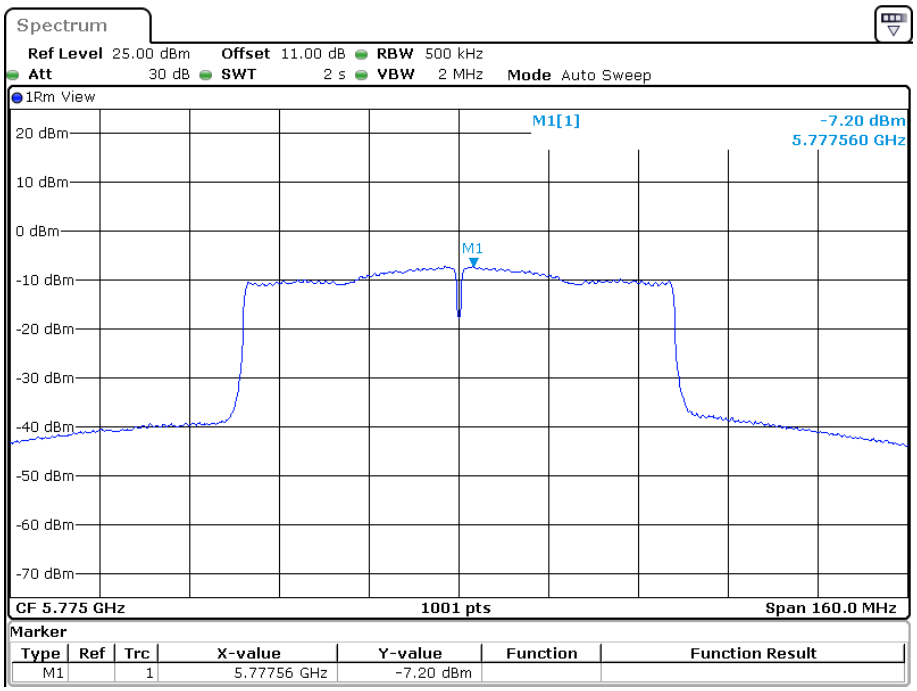
Date: 28.JUN.2022 00:15:17

802. 11ac40 mode, Power Spectral Density,5795MHz



Date: 28.JUN.2022 00:17:51

802. 11ac80 mode, Power Spectral Density, 5775 MHz



Date: 28.JUN.2022 00:32:01

For module:D845

5150 MHz – 5250 MHz:

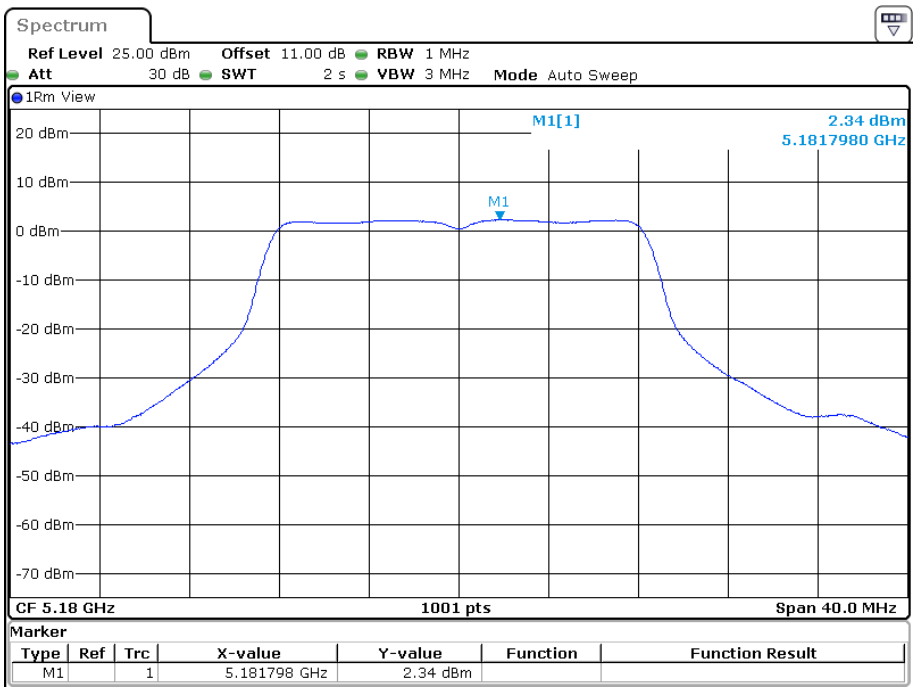
Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	TotalPSD (dBm/MHz)	Limit (dBm/MHz)
802.11a						
5180	0	2.34	/	2.34	\	11
	1	3.30	/	3.30		
5200	0	2.17	/	2.17	\	
	1	3.31	/	3.31		
5240	0	1.93	/	1.93	\	
	1	3.27	/	3.27		
802.11n20						
5180	0	2.02	/	2.02	5.70	11
	1	3.27	/	3.27		
5200	0	1.83	/	1.83	5.46	
	1	3.00	/	3.00		
5240	0	1.84	/	1.84	5.56	
	1	3.16	/	3.16		
802.11n40						
5190	0	-2.74	0.16	-2.58	0.57	11
	1	-2.47	0.16	-2.31		
5230	0	-3.12	0.16	-2.96	0.22	
	1	-2.78	0.16	-2.62		
802.11ac20						
5180	0	1.78	/	1.78	5.62	11
	1	3.30	/	3.30		
5200	0	1.78	/	1.78	5.74	
	1	3.51	/	3.51		
5240	0	1.75	/	1.75	5.72	
	1	3.50	/	3.50		
802.11ac40						
5190	0	-2.90	0.17	-2.73	1.00	11
	1	-1.56	0.17	-1.39		
5230	0	-2.47	0.17	-2.30	1.25	
	1	-1.45	0.17	-1.28		
802.11ac80						
5210	0	-5.74	0.34	-5.40	-1.42	11
	1	-3.97	0.34	-3.63		

Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

For 802.11n/ac mode, the EUT employ CDD
Directional Gain = G_{ANT} + *Array Gain*
For PSD Measurement, *Array Gain* = 10*logN_{ANT}=*10*log2=3dB*
G_{ANT} = 2.47dBi
Directional Gain = 2.47dBi + 3dB = 5.47dBi < 6dBi

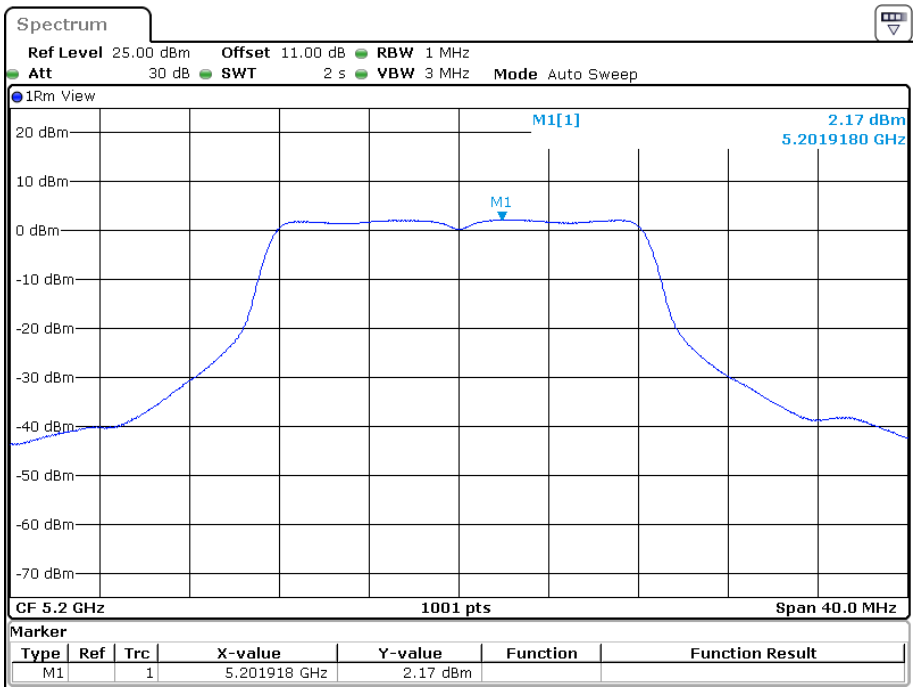
ANT0:

802.11a mode, Power Spectral Density, 5180 MHz



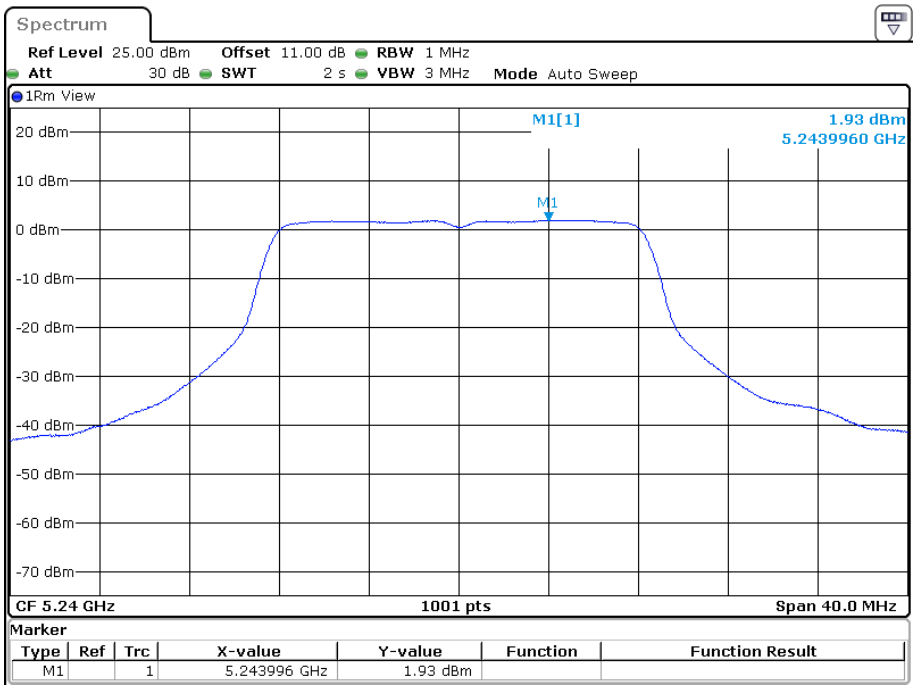
Date: 28.JUN.2022 20:58:17

802.11a mode, Power Spectral Density, 5200 MHz



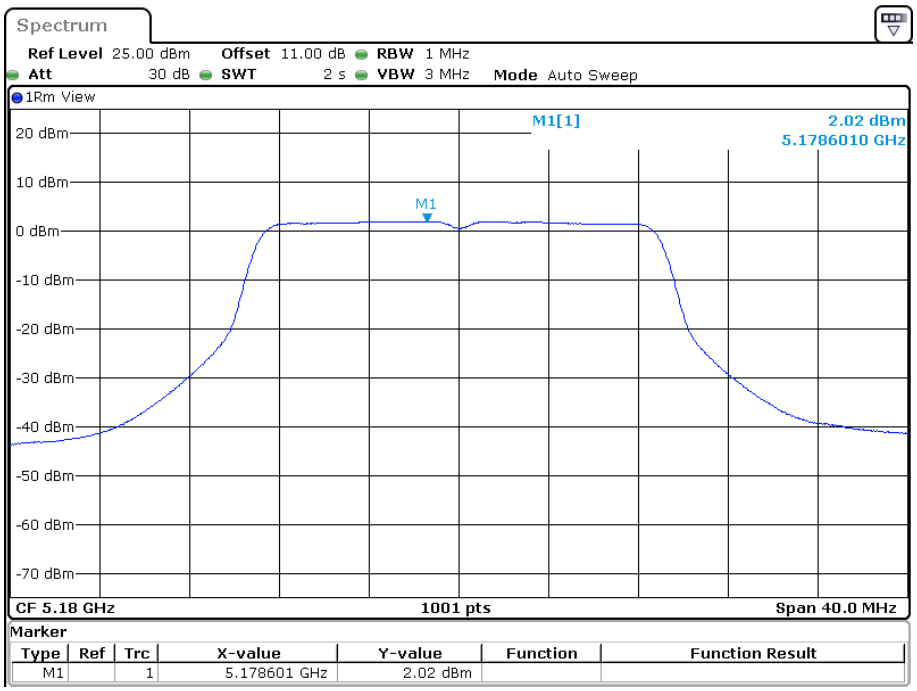
Date: 28.JUN.2022 21:00:50

802.11a mode, Power Spectral Density, 5240 MHz



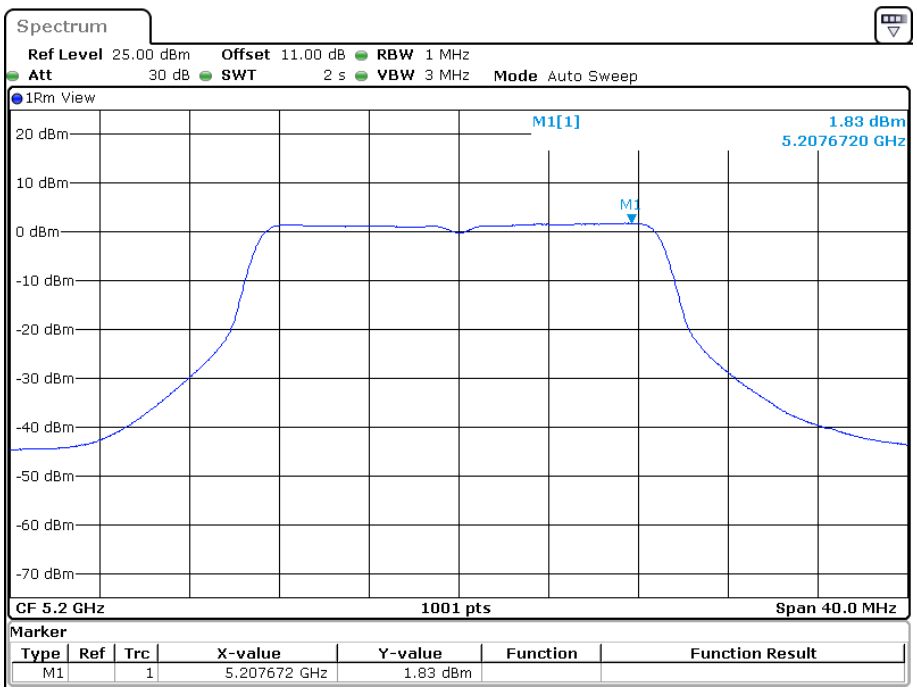
Date: 28.JUN.2022 21:04:00

802.11n20 mode, Power Spectral Density, 5180 MHz



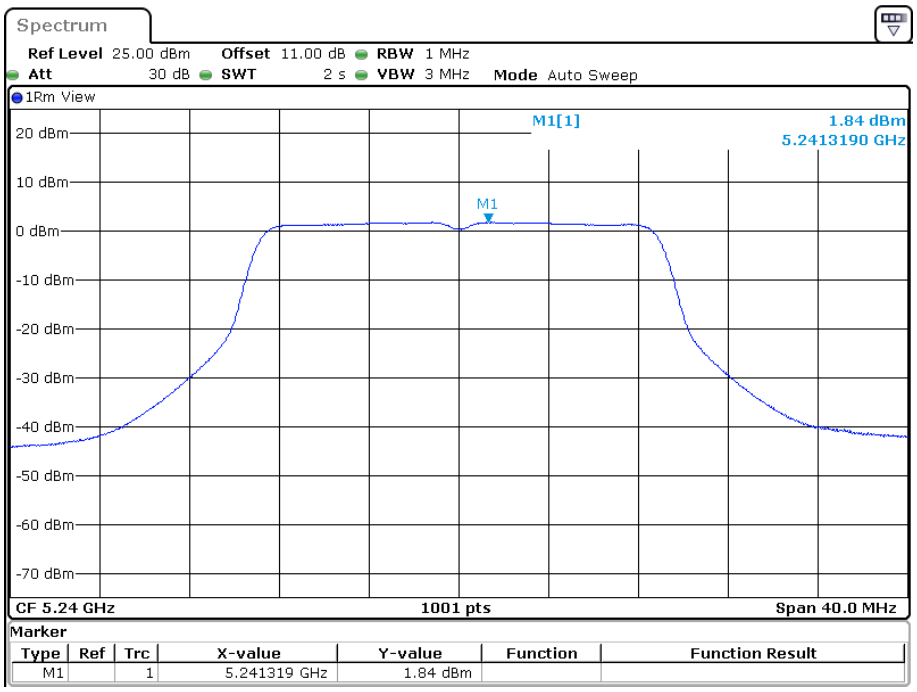
Date: 29.JUN.2022 00:06:31

802.11n20 mode, Power Spectral Density, 5200 MHz



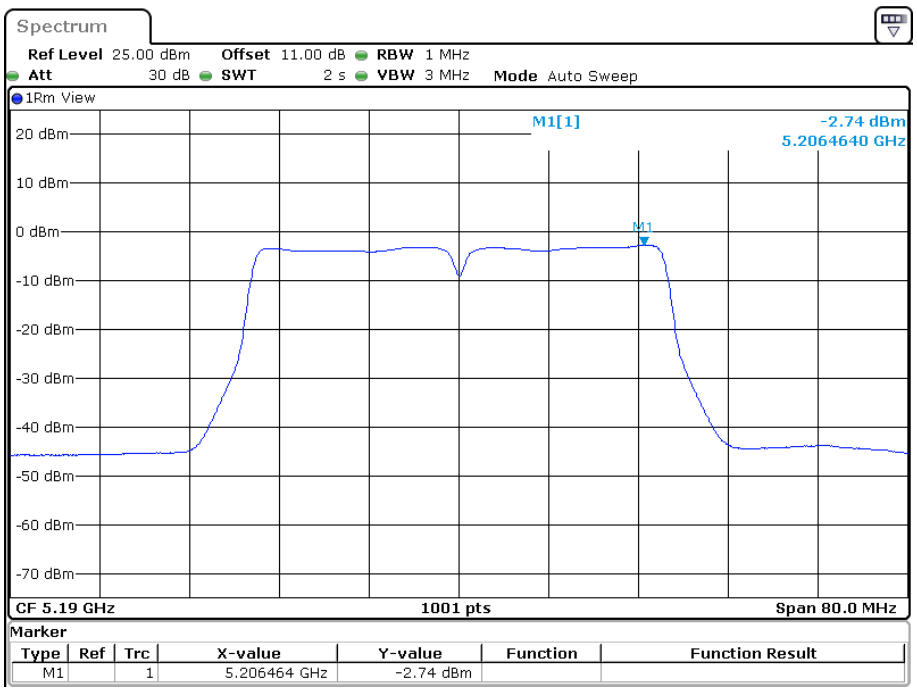
Date: 29.JUN.2022 00:08:59

802.11n20 mode, Power Spectral Density, 5240 MHz



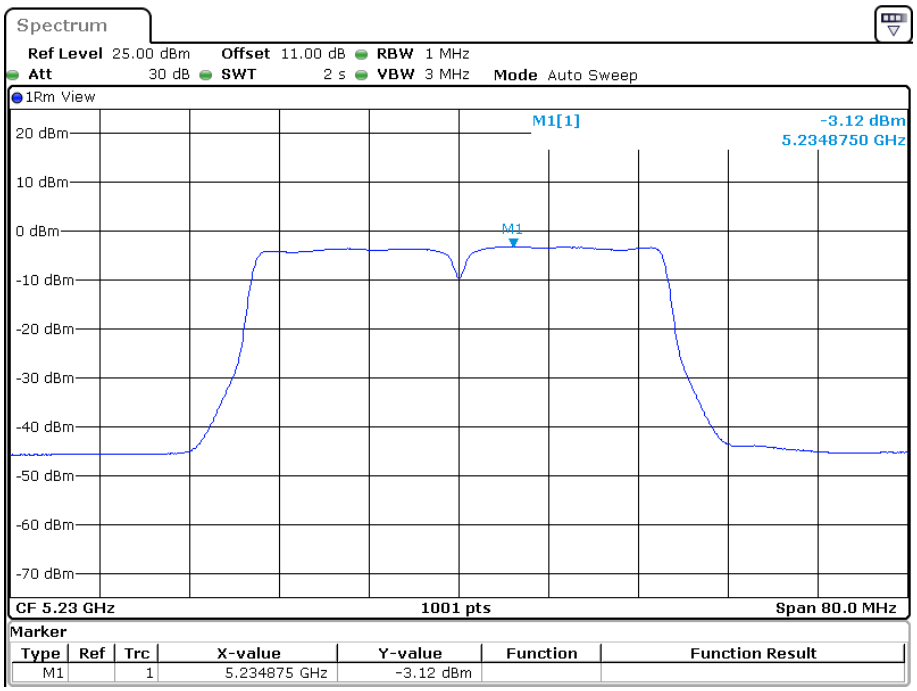
Date: 29.JUN.2022 00:11:30

802.11n40 mode, Power Spectral Density, 5190 MHz



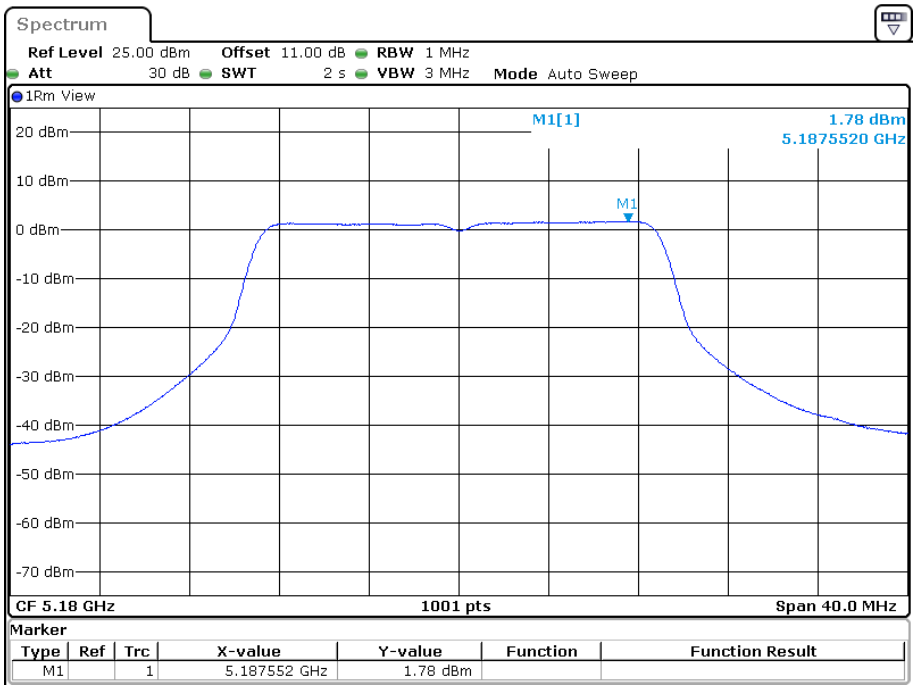
Date: 29.JUN.2022 00:30:26

802.11n40 mode, Power Spectral Density, 5230 MHz



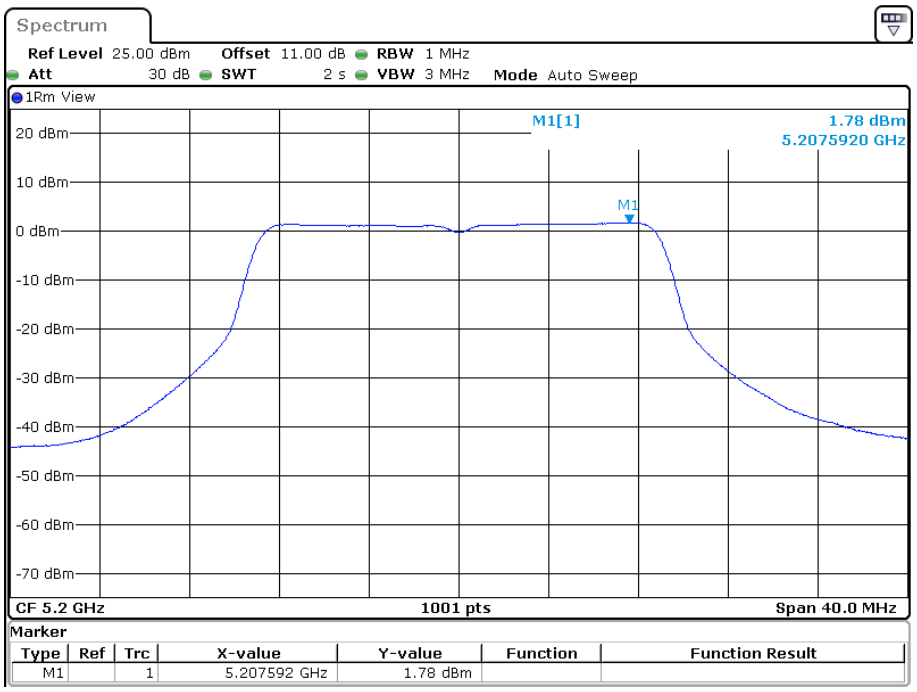
Date: 29.JUN.2022 00:32:55

802.11ac20 mode, Power Spectral Density, 5180 MHz



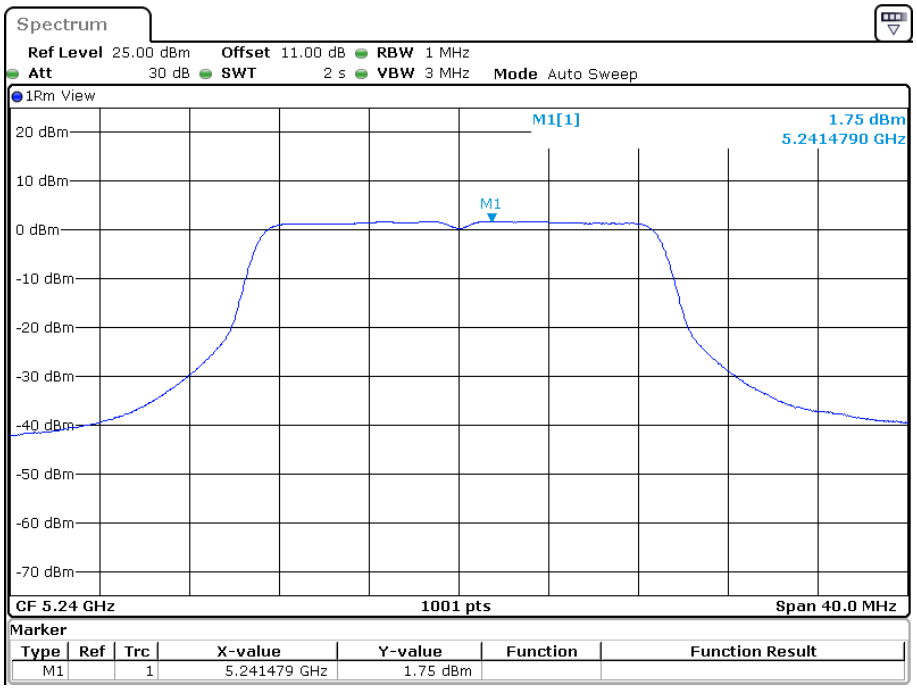
Date: 29.JUN.2022 19:42:58

802. 11ac20 mode, Power Spectral Density, 5200 MHz



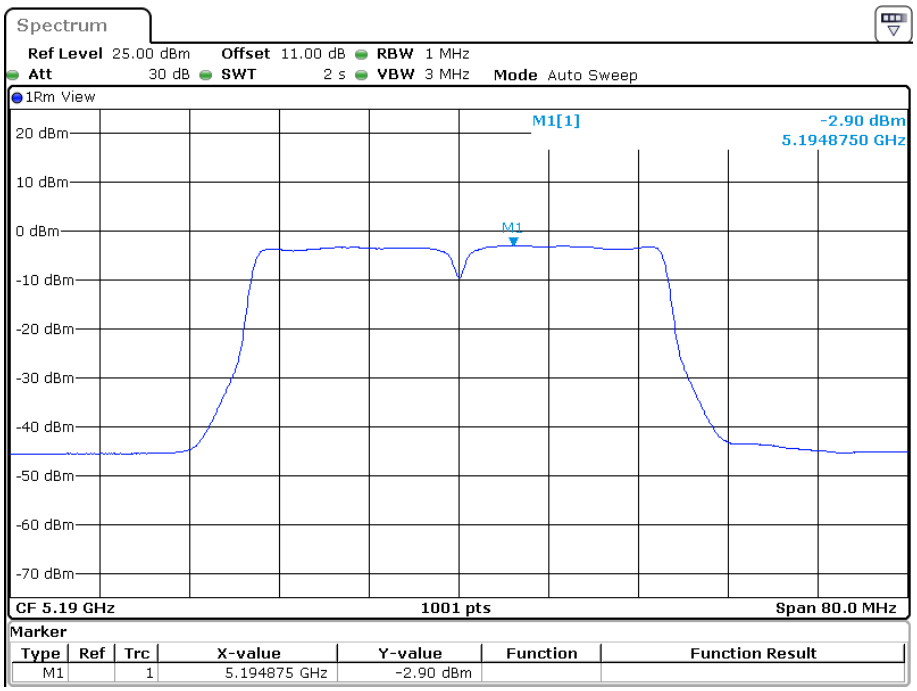
Date: 29.JUN.2022 19:45:23

802. 11ac20 mode, Power Spectral Density, 5240 MHz



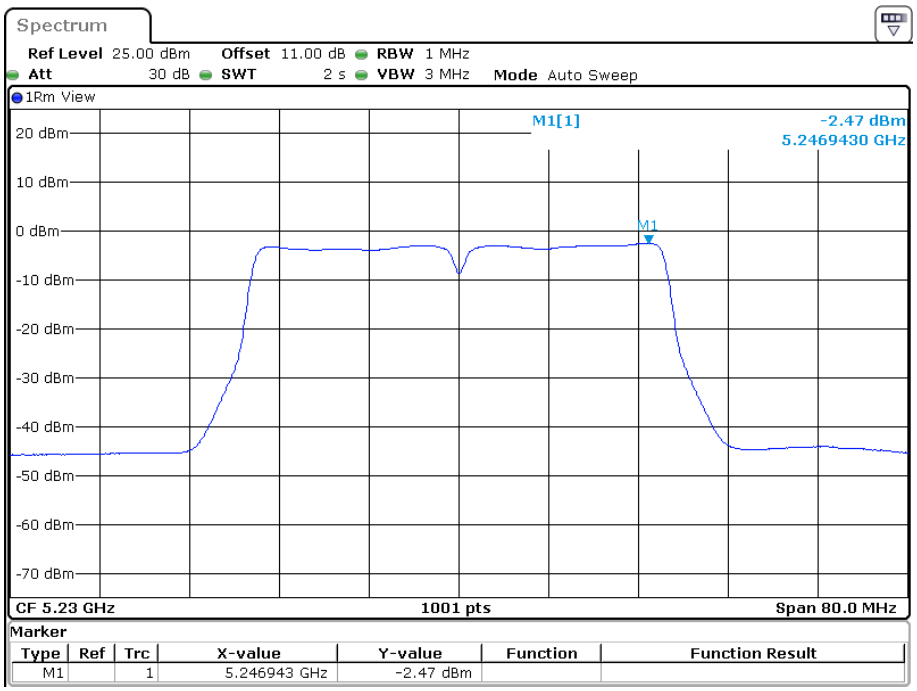
Date: 29.JUN.2022 19:48:55

802. 11ac40 mode, Power Spectral Density, 5190 MHz



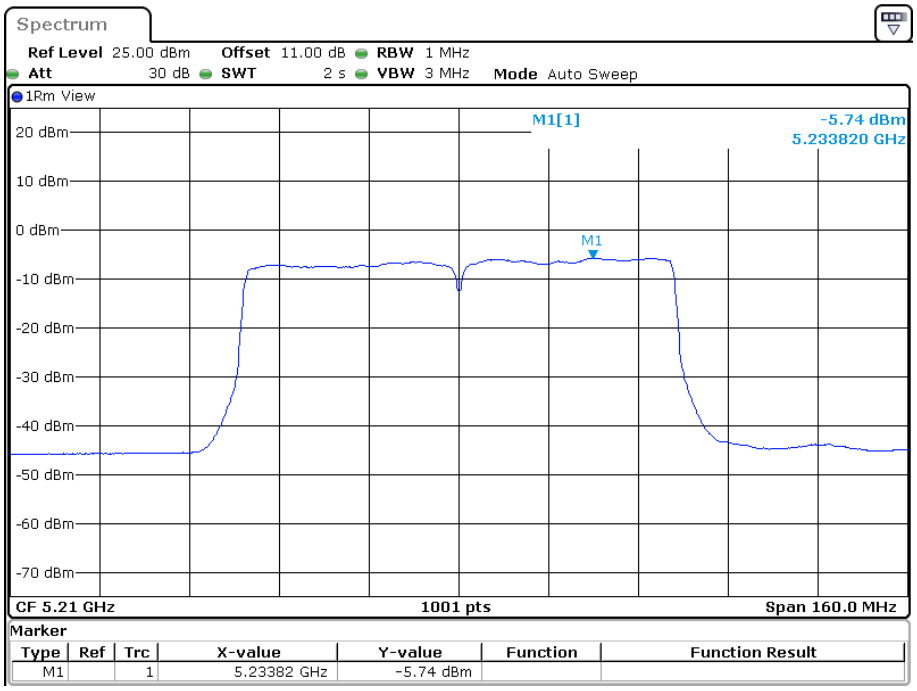
Date: 30.JUN.2022 00:26:13

802. 11ac40 mode, Power Spectral Density, 5230 MHz



Date: 30.JUN.2022 00:28:48

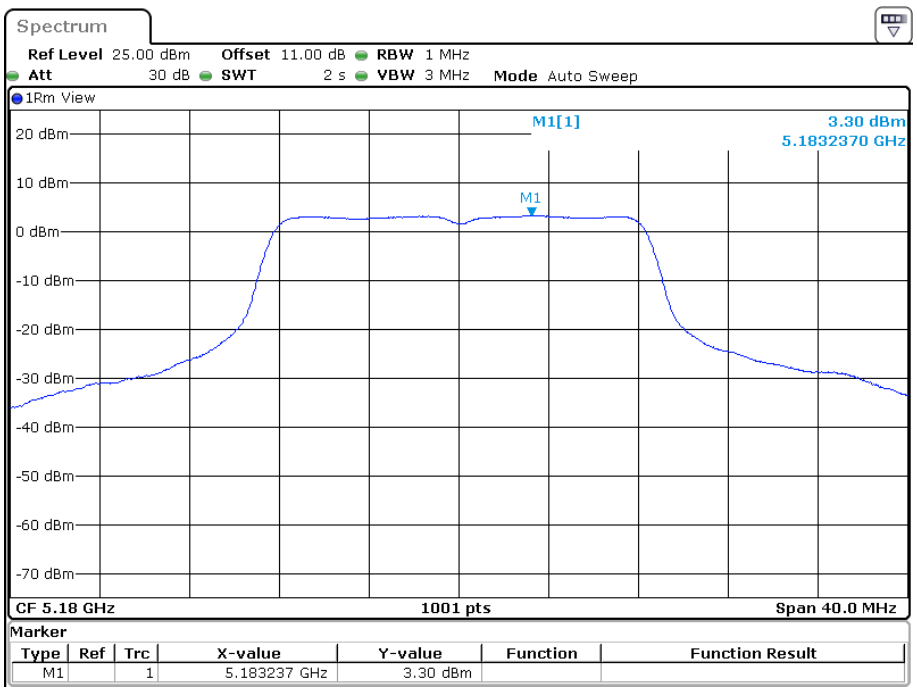
802. 11ac80 mode, Power Spectral Density, 5210 MHz



Date: 30.JUN.2022 00:50:44

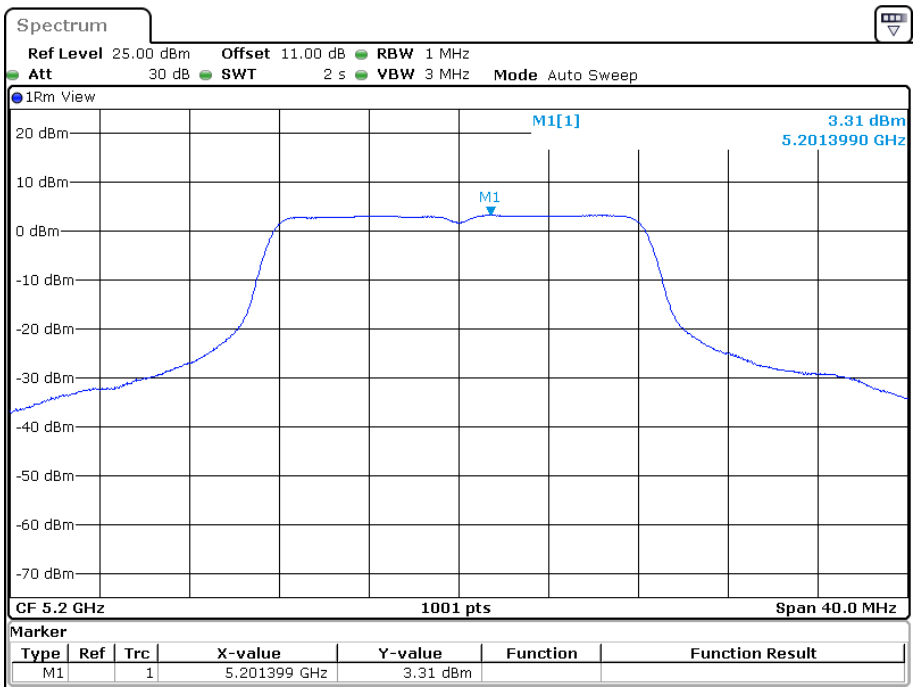
ANT1:

802.11a mode, Power Spectral Density, 5180 MHz



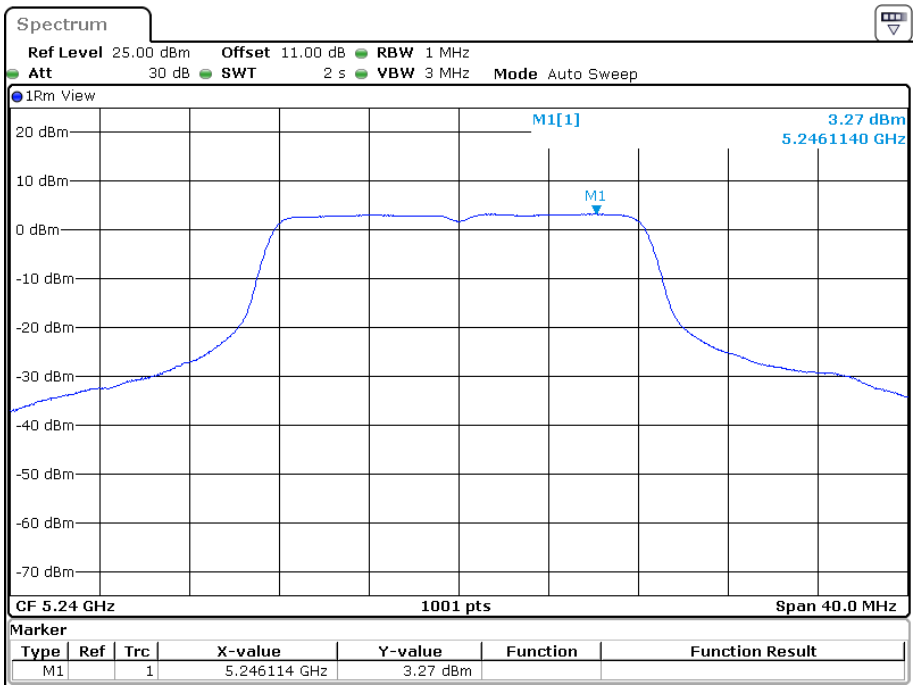
Date: 28.JUN.2022 22:37:44

802.11a mode, Power Spectral Density, 5200 MHz



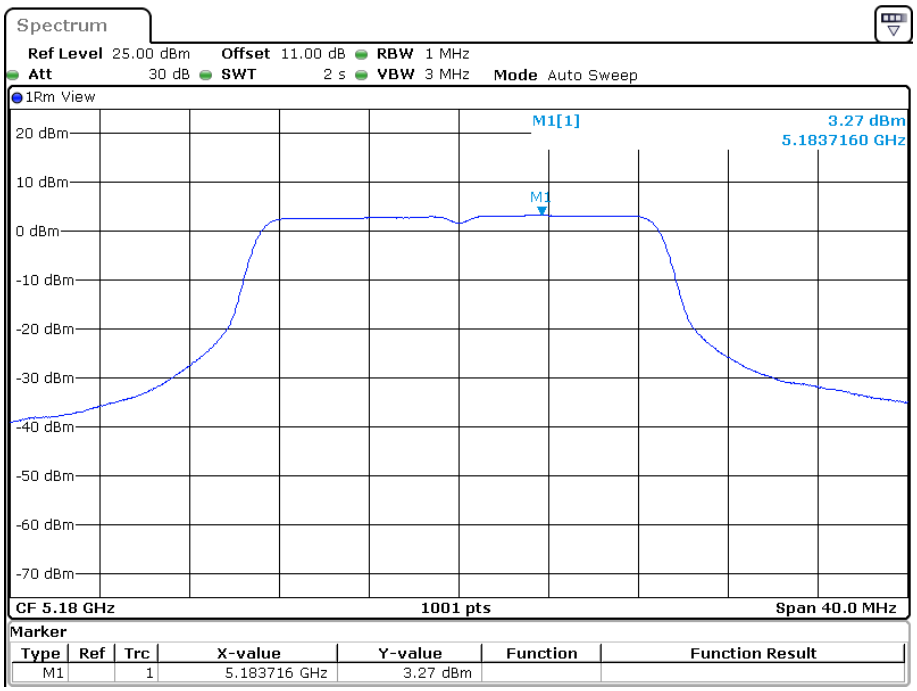
Date: 28.JUN.2022 22:44:15

802.11a mode, Power Spectral Density, 5240 MHz



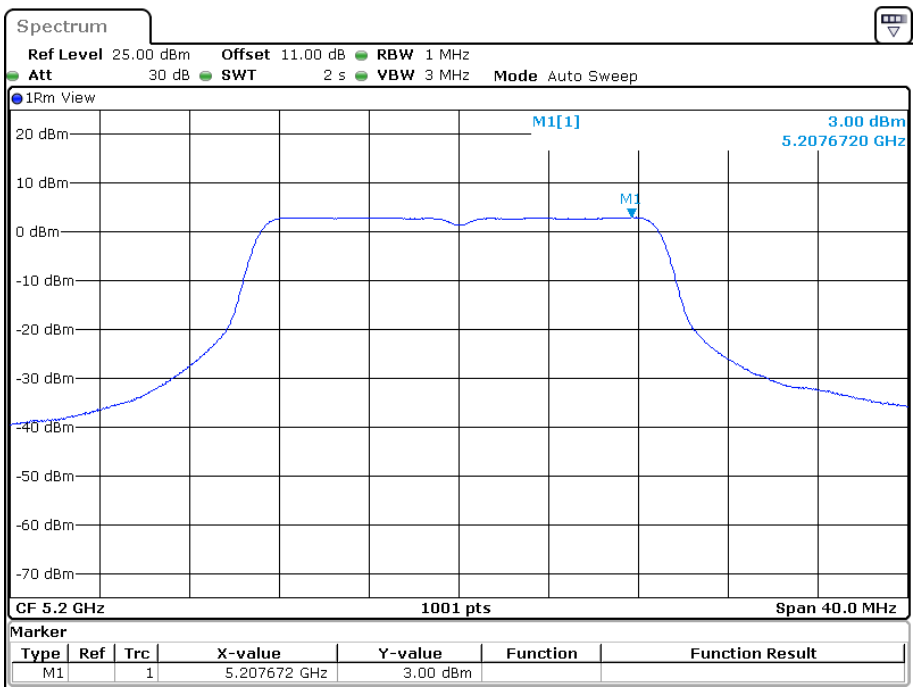
Date: 28.JUN.2022 22:46:52

802.11n20 mode, Power Spectral Density, 5180 MHz



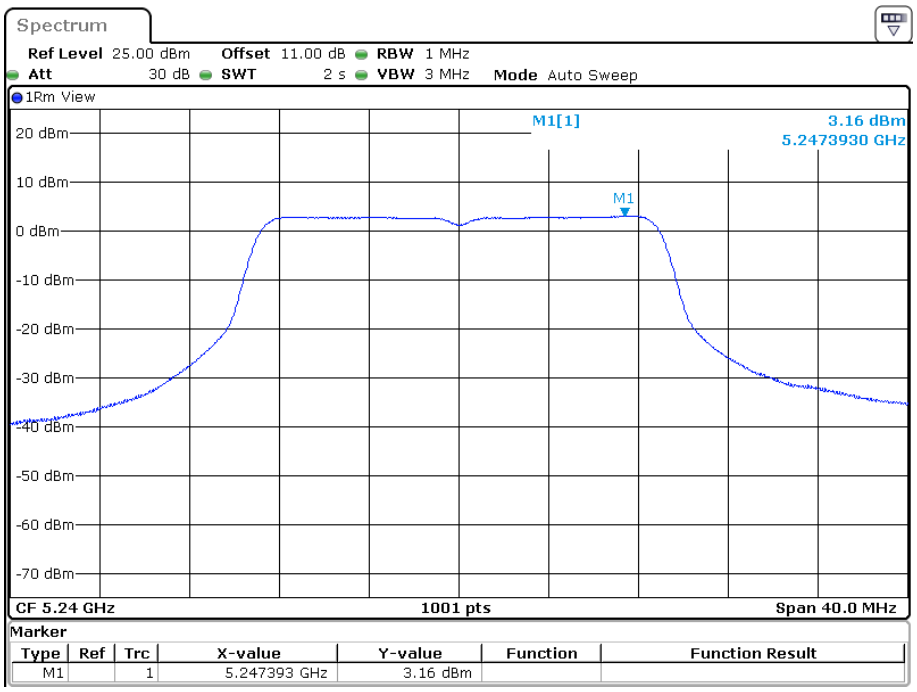
Date: 28.JUN.2022 23:22:42

802.11n20 mode, Power Spectral Density, 5200 MHz



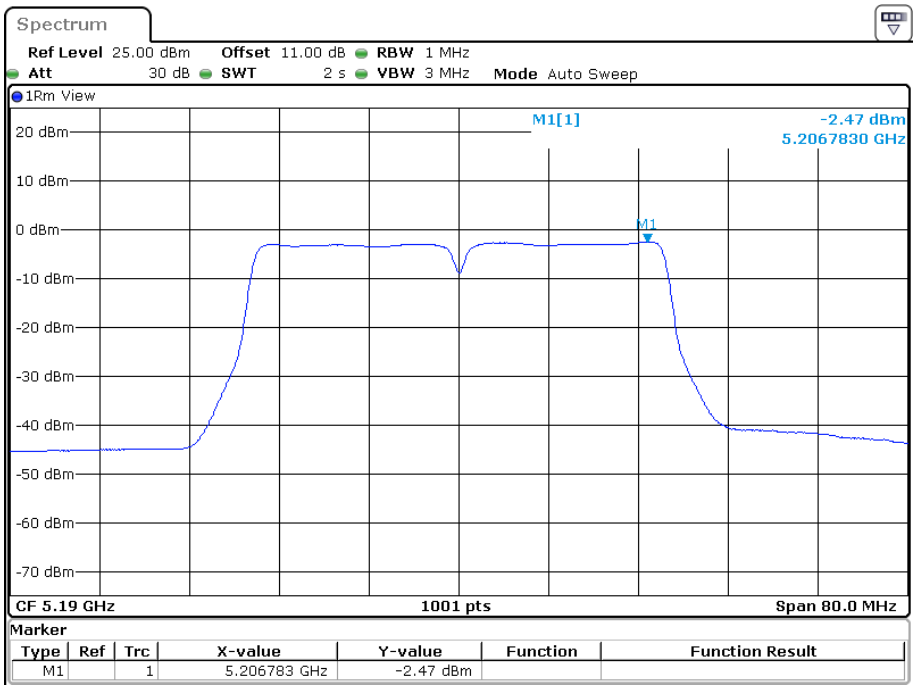
Date: 28.JUN.2022 23:26:16

802.11n20 mode, Power Spectral Density, 5240 MHz



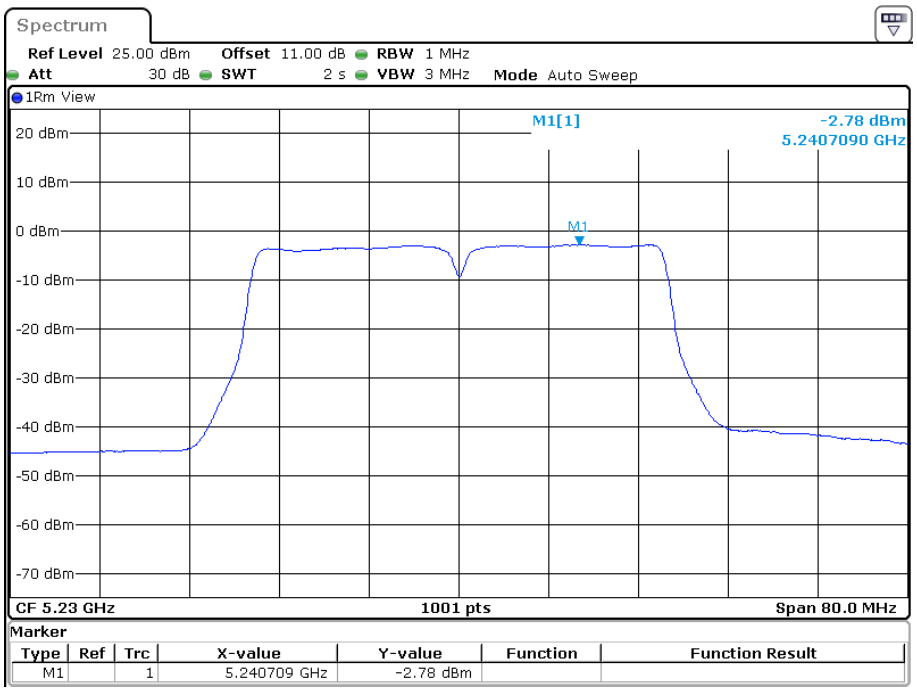
Date: 28.JUN.2022 23:30:08

802.11n40 mode, Power Spectral Density, 5190 MHz



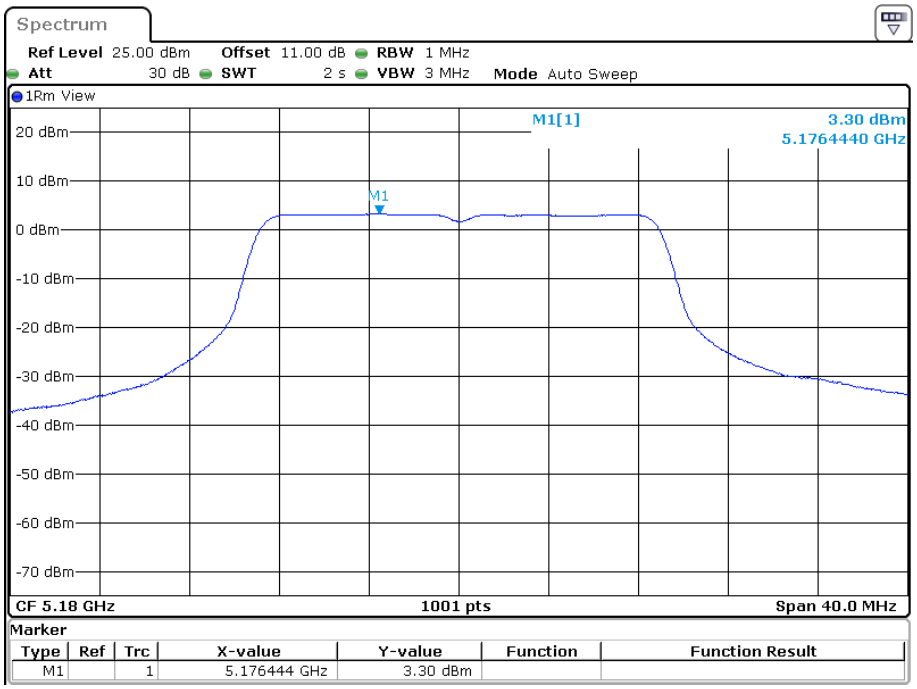
Date: 29.JUN.2022 01:28:10

802.11n40 mode, Power Spectral Density, 5230 MHz



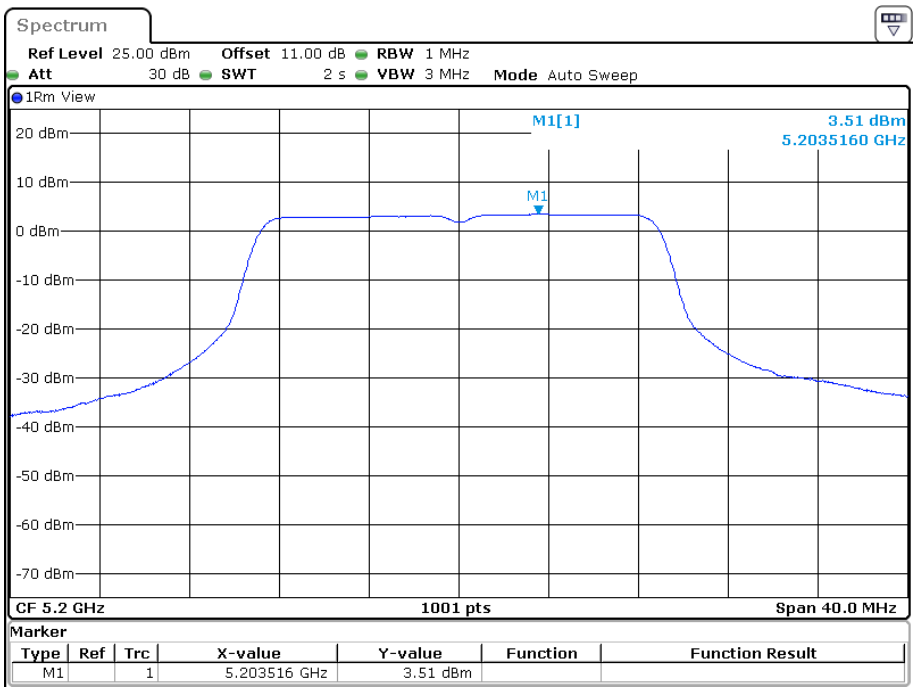
Date: 29.JUN.2022 01:30:42

802.11ac20 mode, Power Spectral Density, 5180 MHz



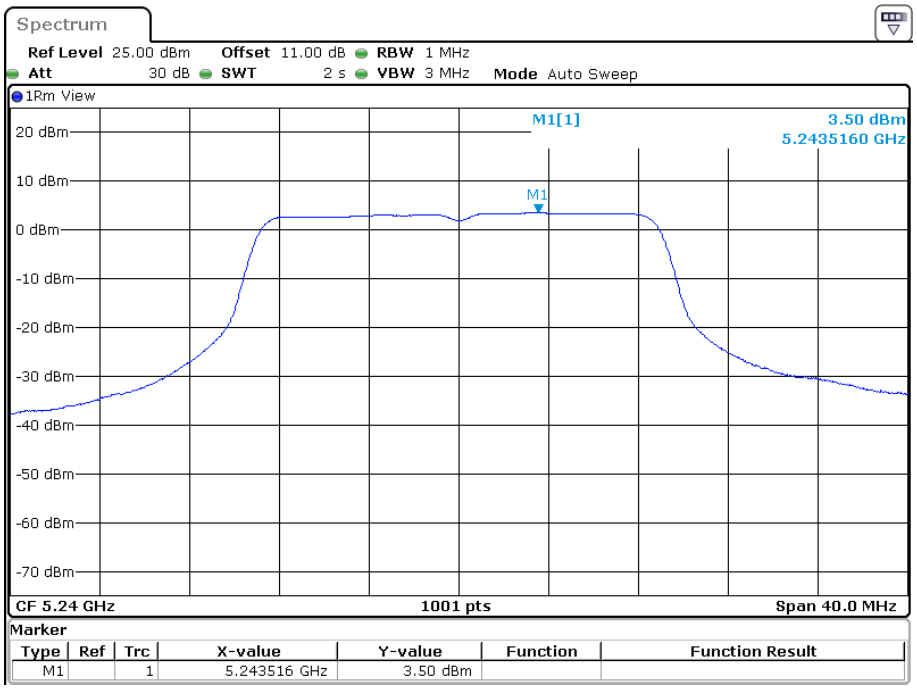
Date: 29.JUN.2022 23:27:11

802. 11ac20 mode, Power Spectral Density, 5200 MHz



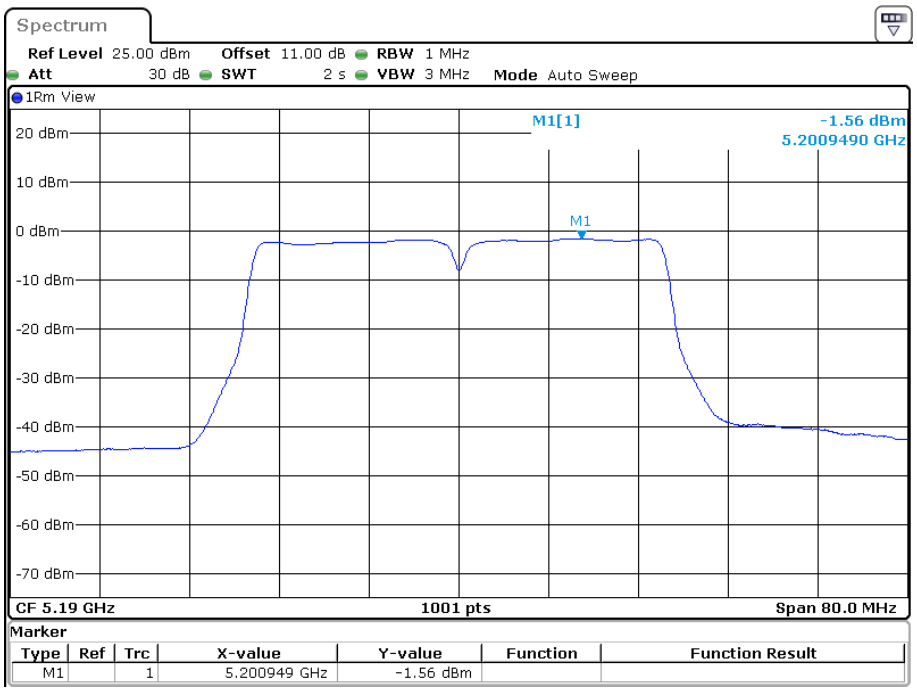
Date: 29.JUN.2022 23:30:50

802. 11ac20 mode, Power Spectral Density, 5240 MHz



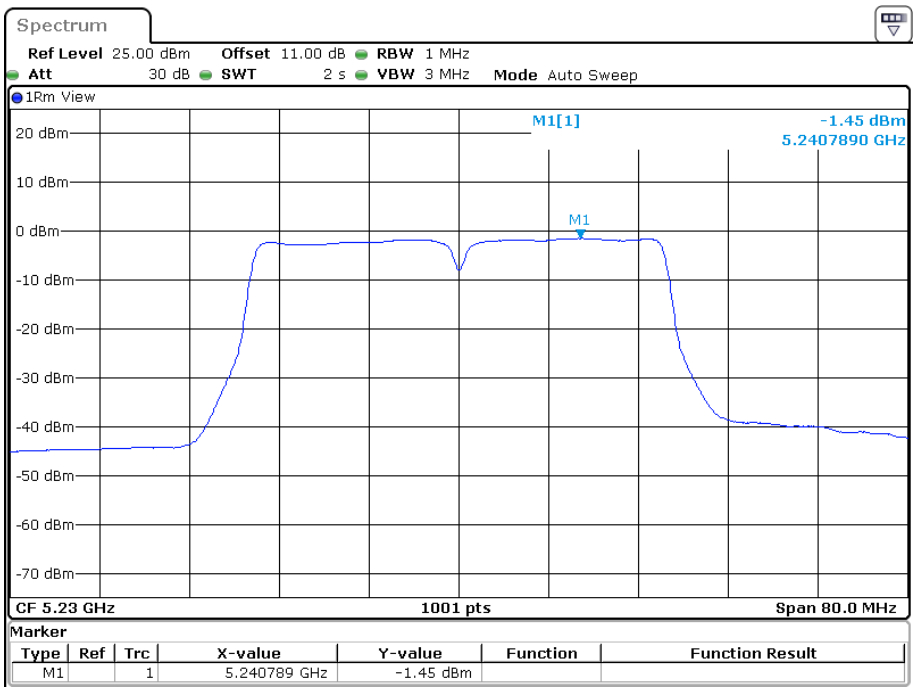
Date: 29.JUN.2022 23:33:22

802. 11ac40 mode, Power Spectral Density, 5190 MHz



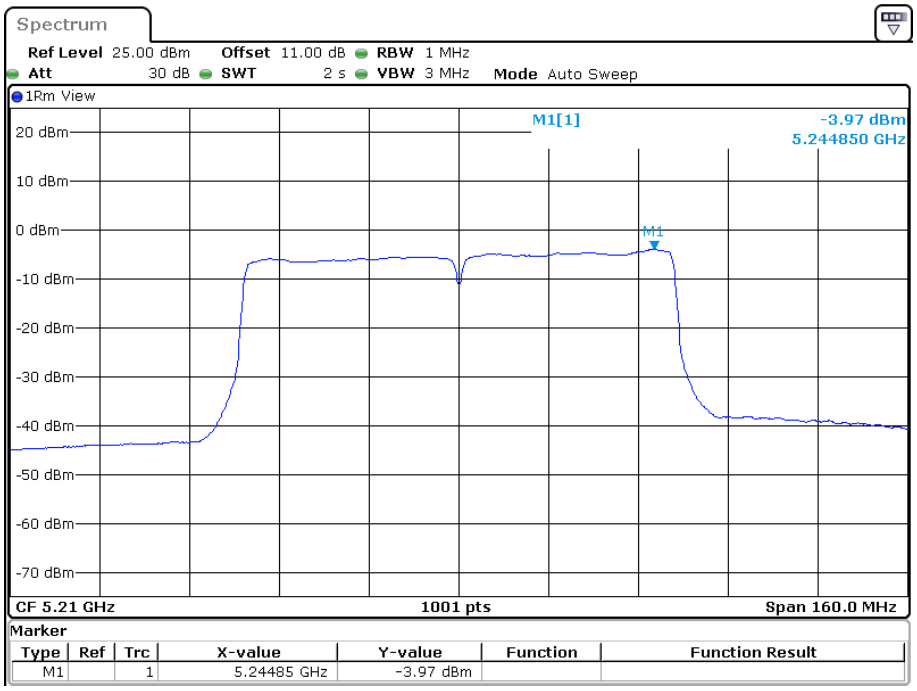
Date: 29.JUN.2022 23:56:48

802. 11ac40 mode, Power Spectral Density, 5230 MHz



Date: 29.JUN.2022 23:59:18

802. 11ac80 mode, Power Spectral Density, 5210 MHz



Date: 30.JUN.2022 01:05:21

5250 MHz – 5350 MHz:

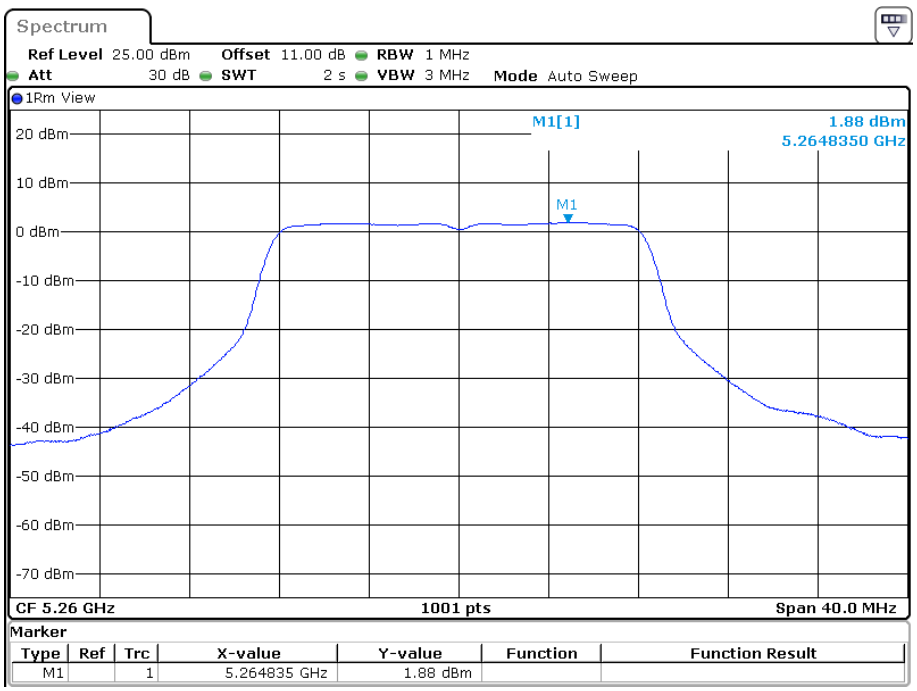
Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	TotalPSD (dBm/MHz)	Limit (dBm/MHz)
802.11a						
5260	0	1.88	/	1.88	\	11
	1	3.24	/	3.24		
5280	0	1.94	/	1.94	\	
	1	3.28	/	3.28		
5320	0	1.98	/	1.98	\	
	1	3.40	/	3.40		
802.11n20						
5260	0	1.68	/	1.68	5.52	11
	1	3.20	/	3.20		
5280	0	1.57	/	1.57	5.50	
	1	3.25	/	3.25		
5320	0	2.09	/	2.09	5.78	
	1	3.36	/	3.36		
802.11n40						
5270	0	-3.27	0.16	-3.11	0.45	11
	1	-2.24	0.16	-2.08		
5310	0	-3.23	0.16	-3.07	0.64	
	1	-1.93	0.16	-1.77		
802.11ac20						
5260	0	1.56	/	1.56	5.67	11
	1	3.54	/	3.54		
5280	0	2.00	/	2.00	5.73	
	1	3.33	/	3.33		
5320	0	2.23	/	2.23	5.94	
	1	3.53	/	3.53		
802.11ac40						
5270	0	-3.01	0.17	-2.84	0.91	11
	1	-1.63	0.17	-1.46		
5310	0	-2.97	0.17	-2.80	0.89	
	1	-1.70	0.17	-1.53		
802.11ac80						
5290	0	-5.93	0.34	-5.59	-1.60	11
	1	-4.15	0.34	-3.81		

Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

For 802.11n/ac mode, the EUT employ CDD
Directional Gain = G_{ANT} + *Array Gain*
For PSD Measurement, *Array Gain* = 10*logN_{ANT}=*10*log2=3dB*
G_{ANT} = 2.47dBi
Directional Gain = 2.47dBi + 3dB = 5.47dBi < 6dBi

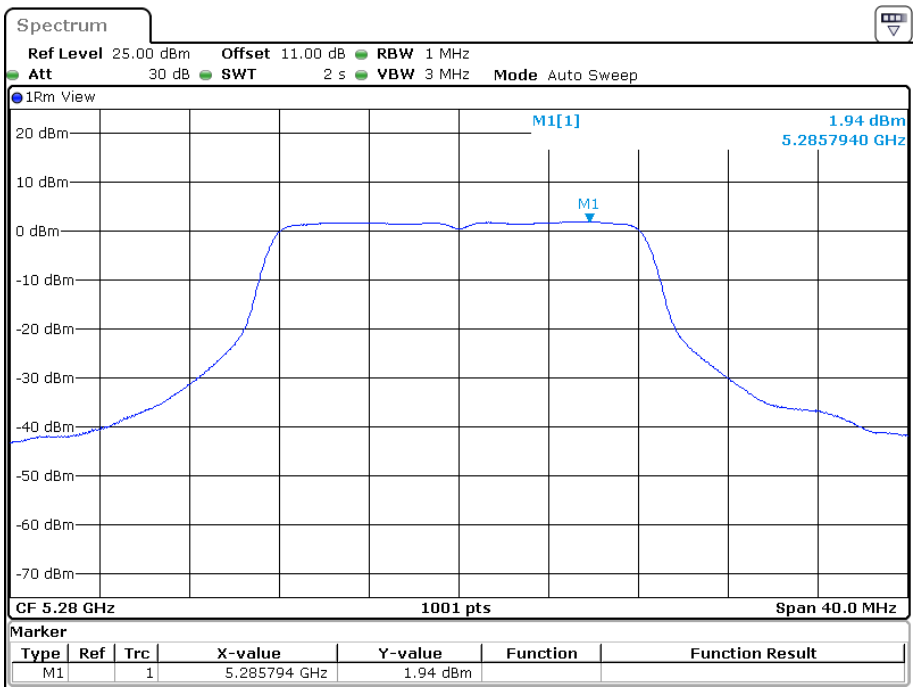
ANT0:

802.11a mode, Power Spectral Density, 5260MHz



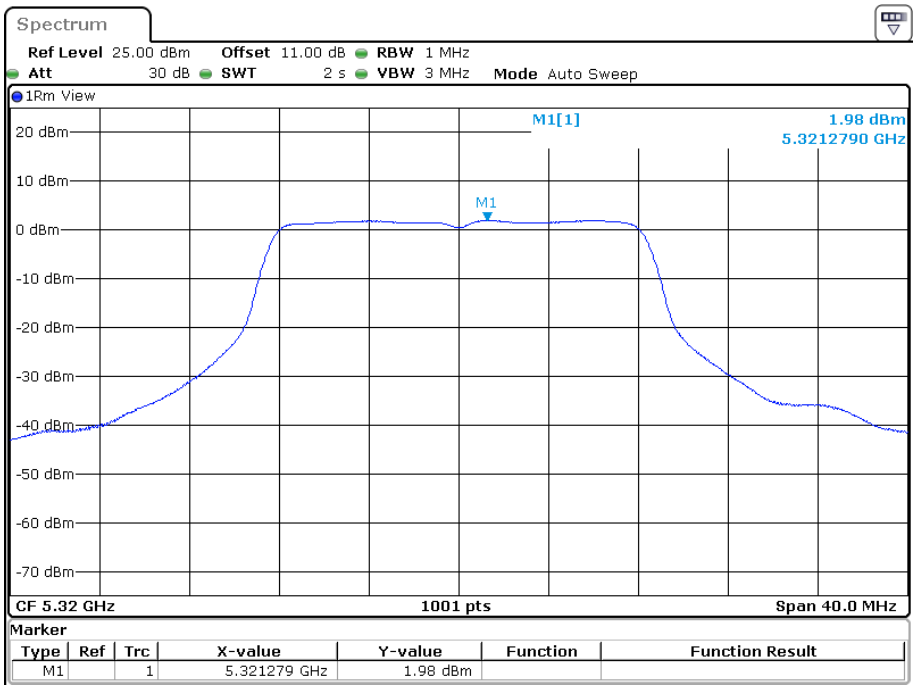
Date: 28.JUN.2022 21:06:38

802.11a mode, Power Spectral Density, 5280MHz



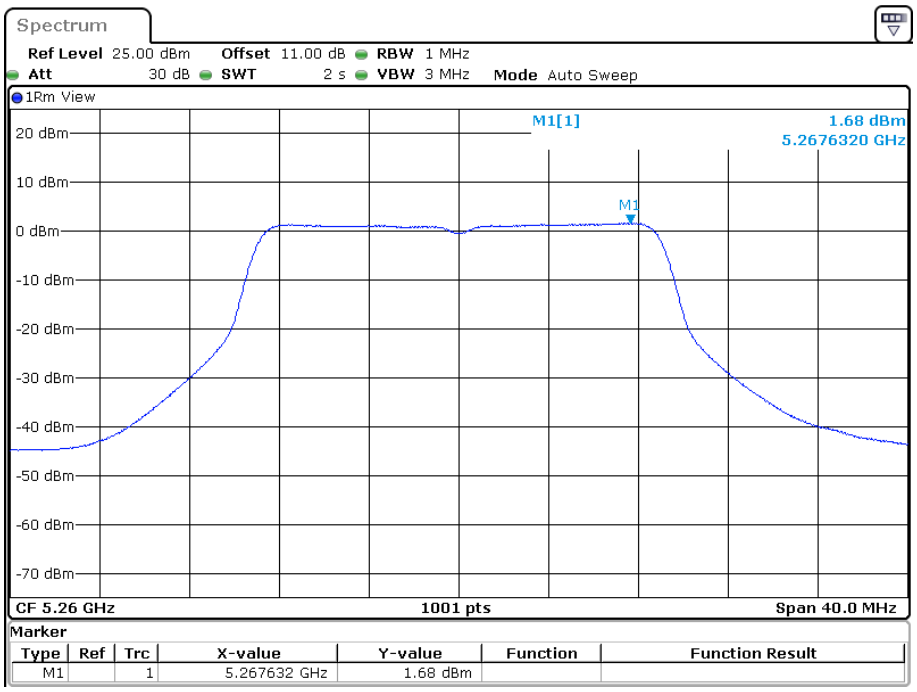
Date: 28.JUN.2022 21:27:34

802.11a mode, Power Spectral Density, 5320 MHz



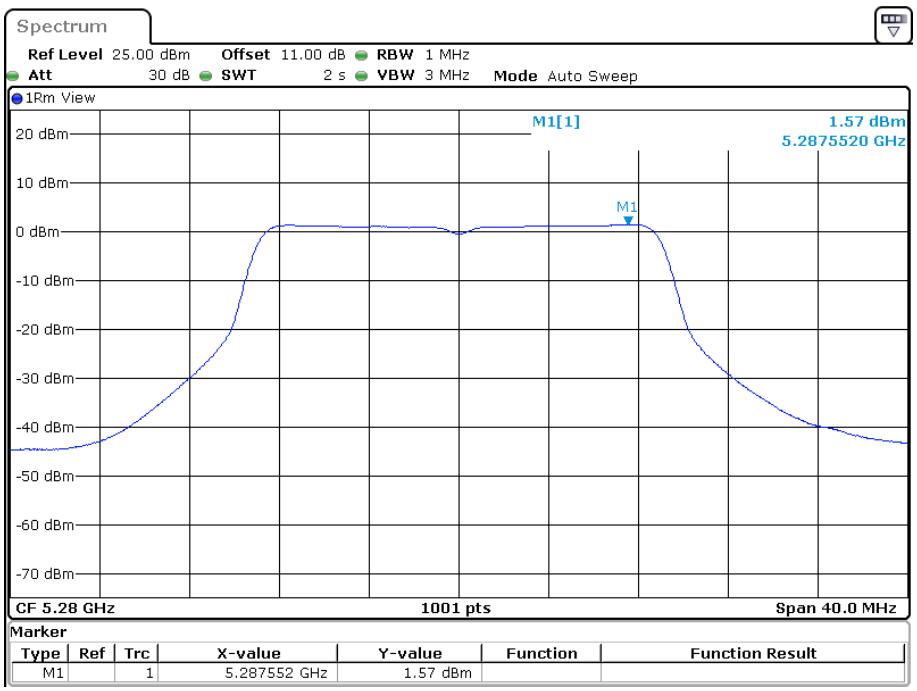
Date: 28.JUN.2022 21:42:55

802.11n20 mode, Power Spectral Density, 5260 MHz



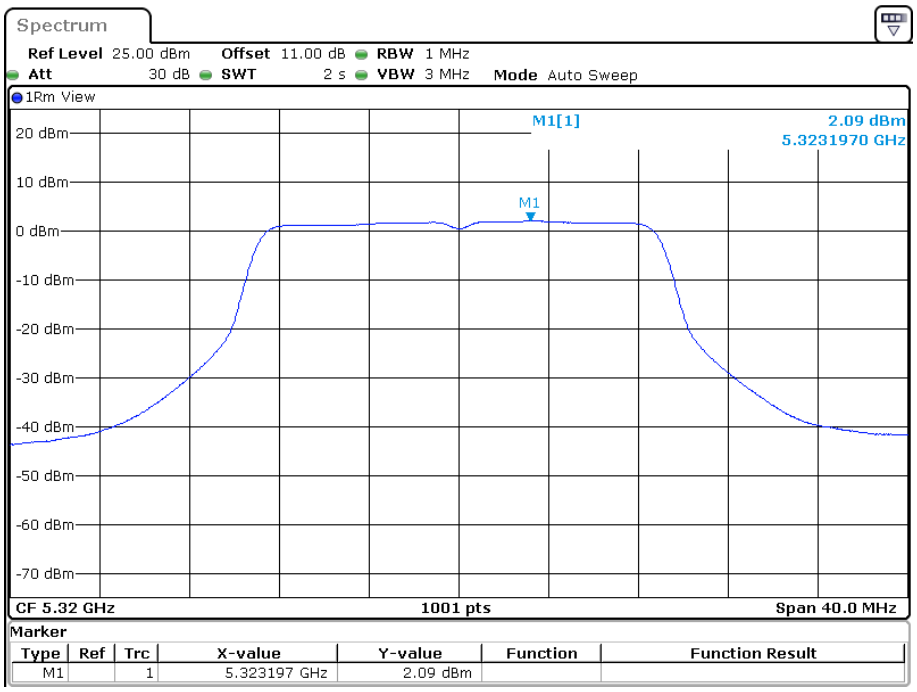
Date: 29.JUN.2022 00:14:08

802.11n20 mode, Power Spectral Density, 5280MHz



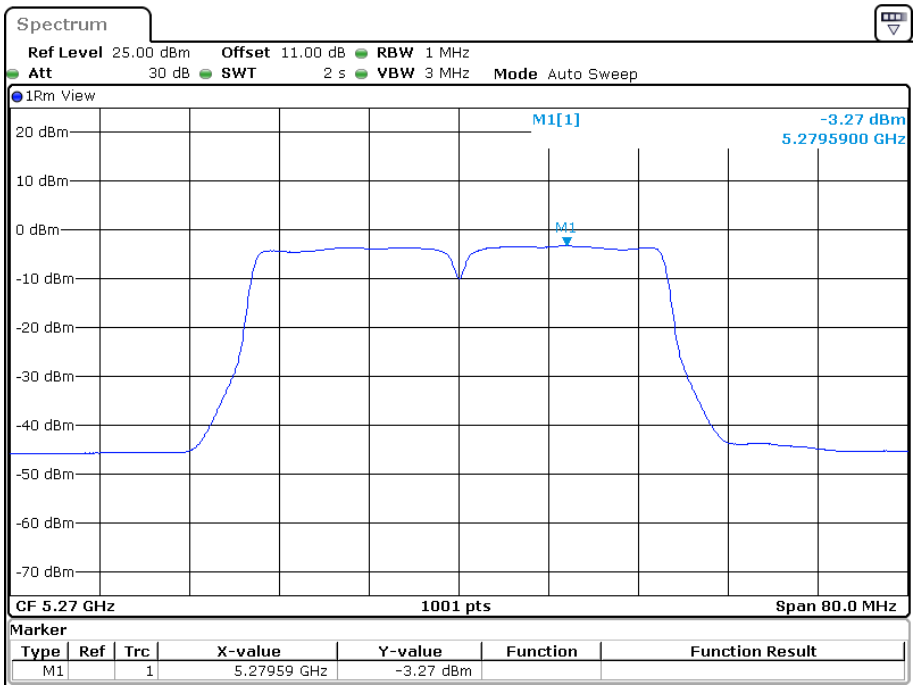
Date: 29.JUN.2022 00:16:35

802.11n20 mode, Power Spectral Density, 5320MHz



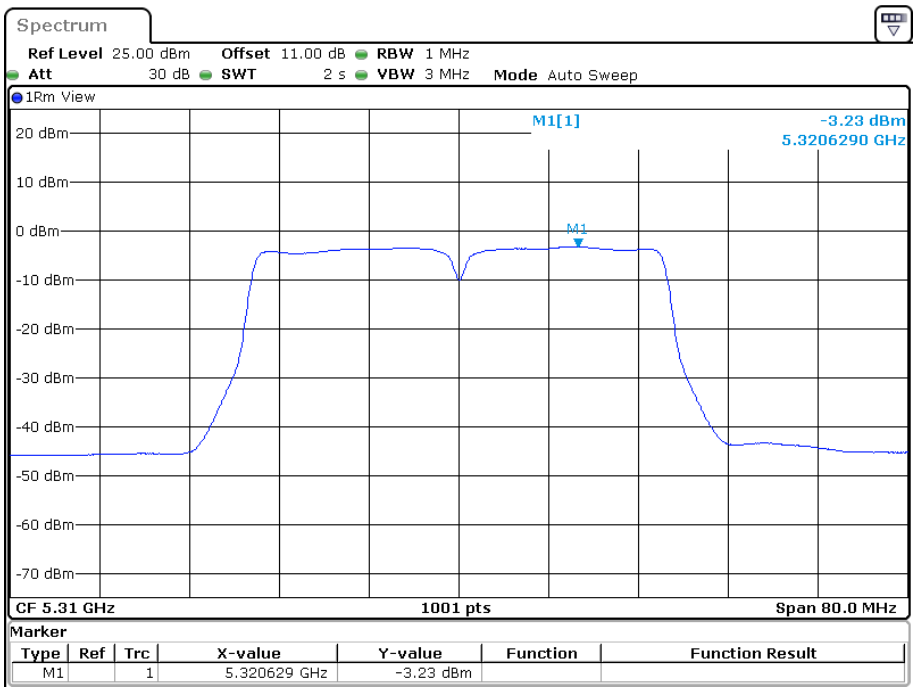
Date: 29.JUN.2022 00:19:08

802.11n40 mode, Power Spectral Density, 5270MHz



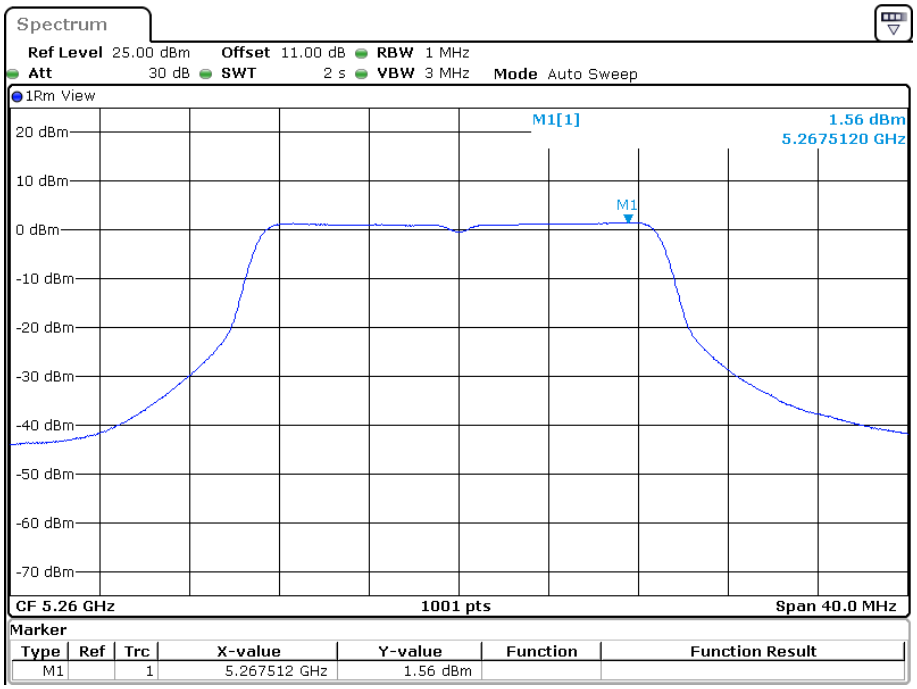
Date: 29.JUN.2022 00:35:38

802.11n40 mode, Power Spectral Density, 5310MHz



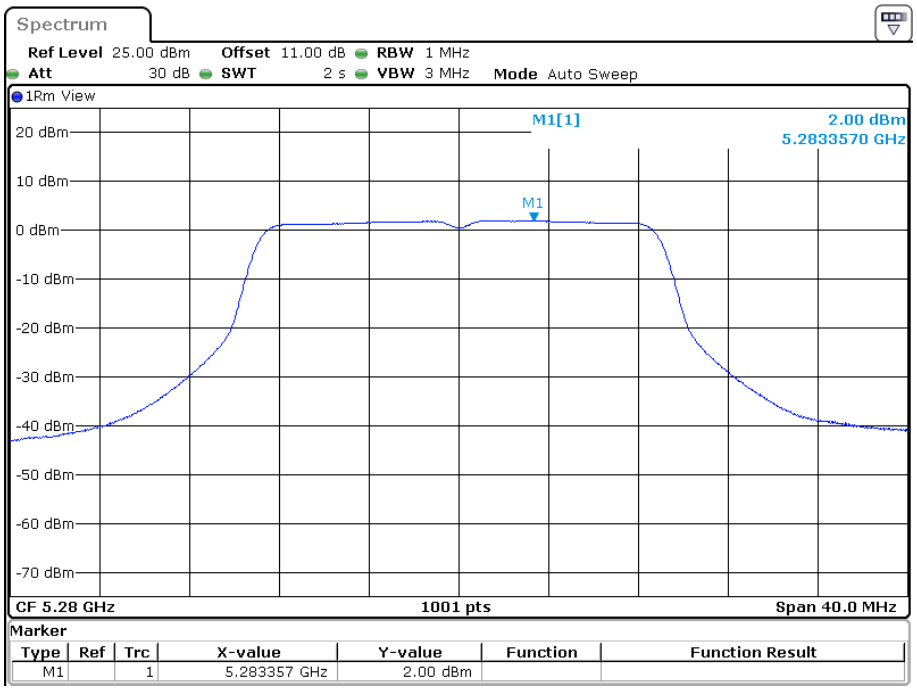
Date: 29.JUN.2022 00:38:16

802.11ac20 mode, Power Spectral Density, 5260 MHz



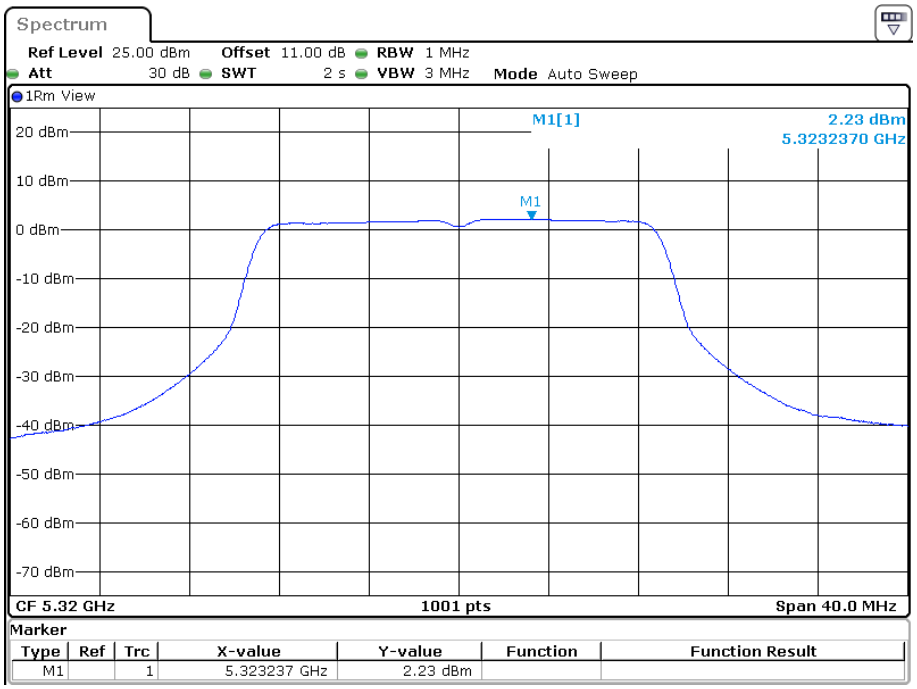
Date: 29.JUN.2022 19:53:13

802. 11ac20 mode, Power Spectral Density, 5280MHz



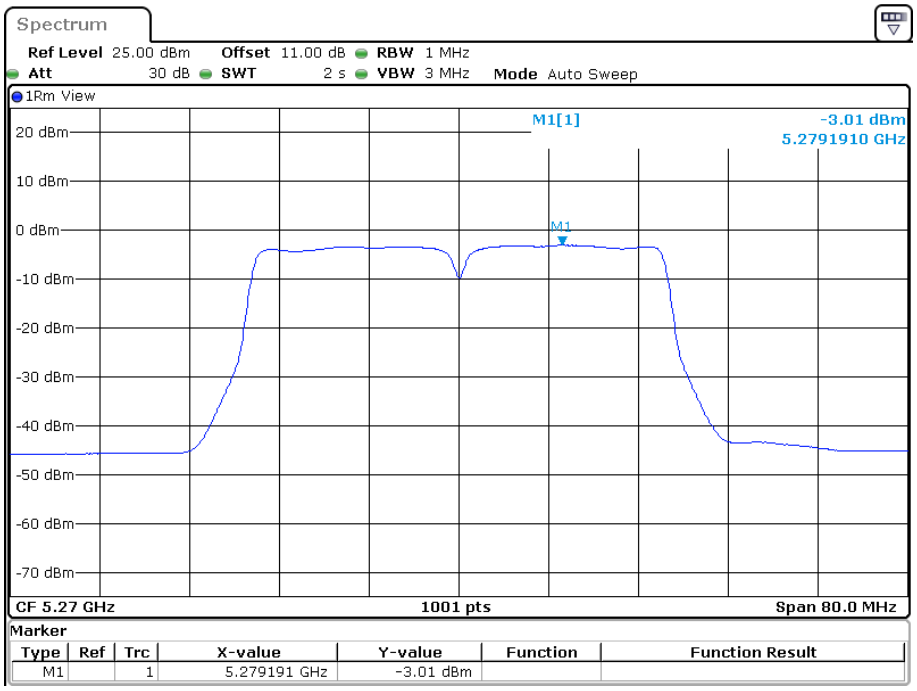
Date: 29.JUN.2022 22:59:11

802. 11ac20 mode, Power Spectral Density, 5320MHz



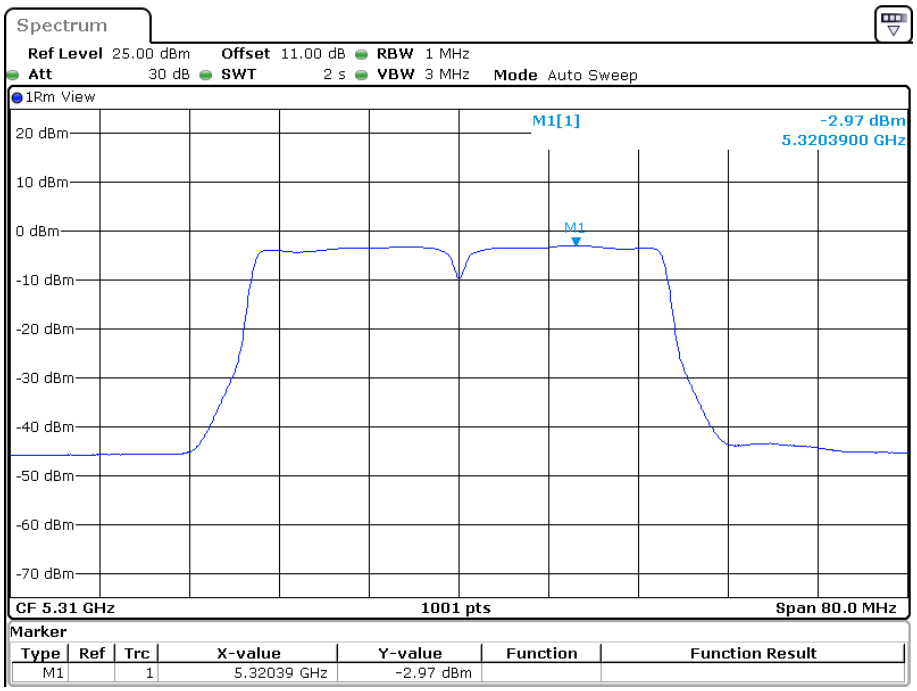
Date: 29.JUN.2022 23:01:48

802. 11ac40 mode, Power Spectral Density, 5270MHz



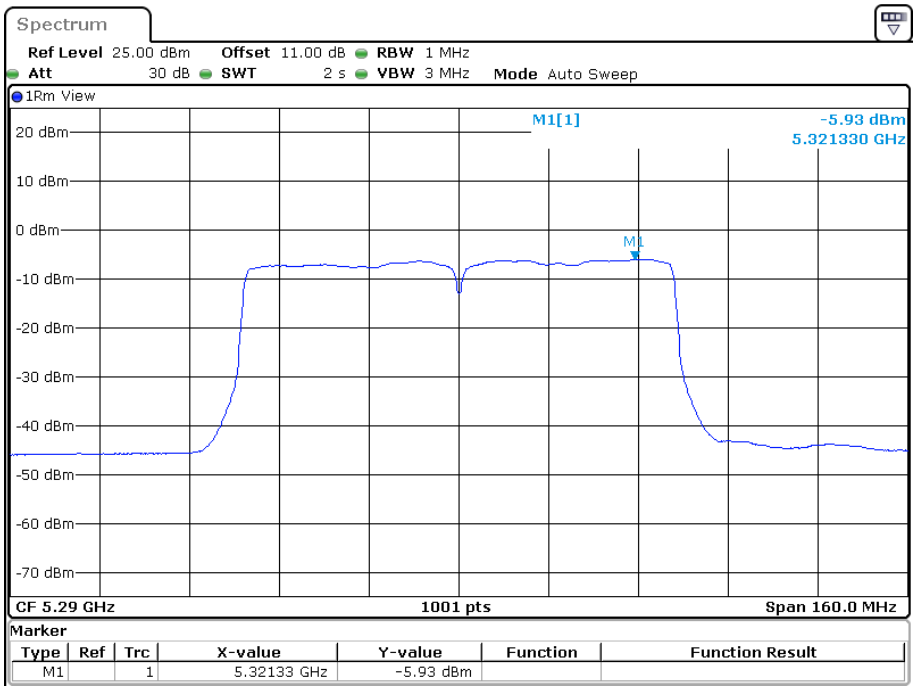
Date: 30.JUN.2022 00:31:16

802. 11ac40 mode, Power Spectral Density, 5310 MHz



Date: 30.JUN.2022 00:34:12

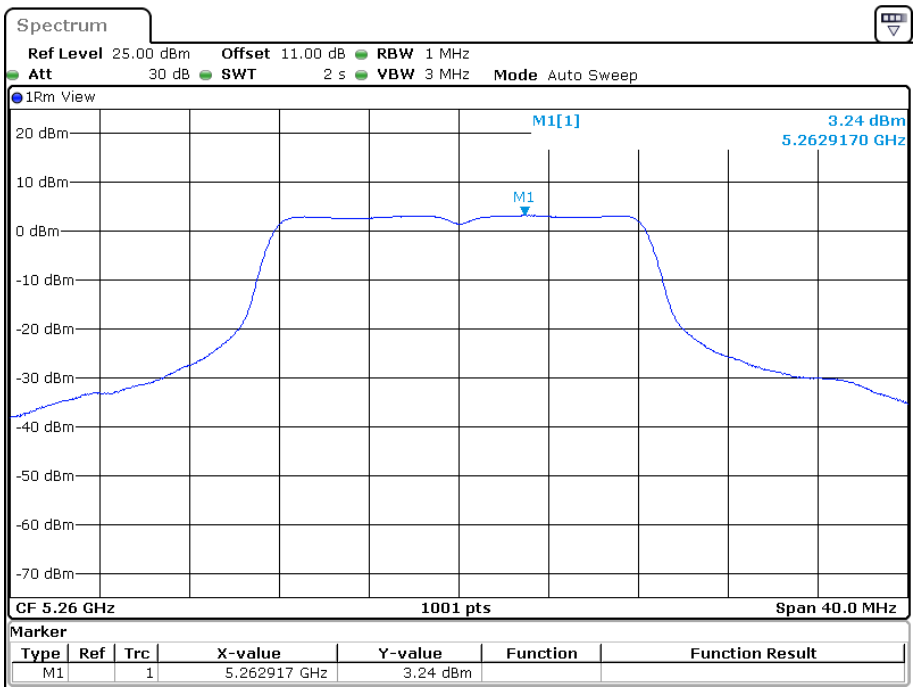
802. 11ac80 mode, Power Spectral Density, 5290 MHz



Date: 30.JUN.2022 00:49:18

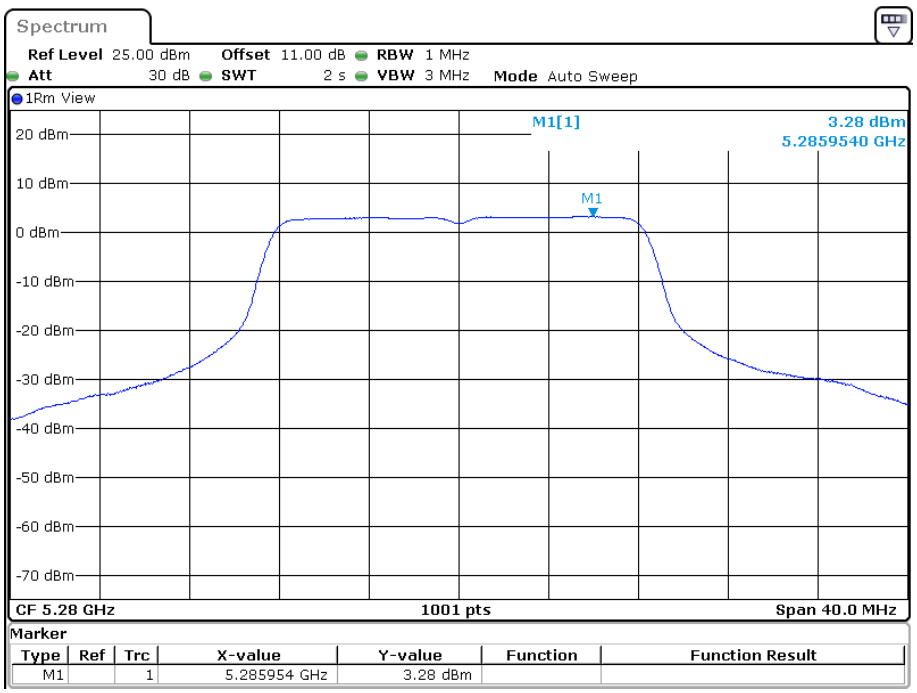
ANT1:

802.11a mode, Power Spectral Density, 5260MHz



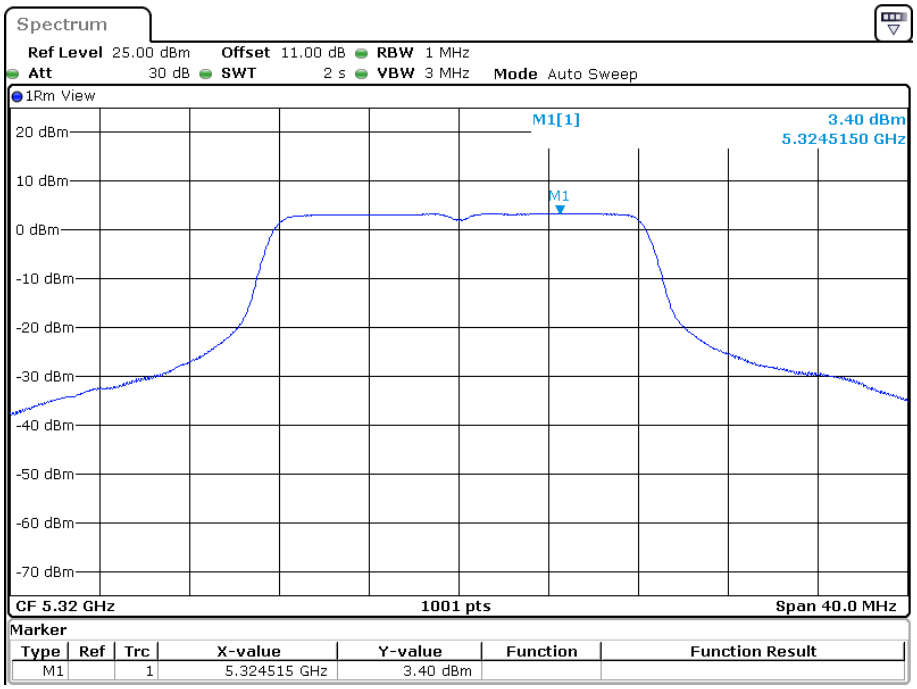
Date: 28.JUN.2022 22:54:48

802.11a mode, Power Spectral Density, 5280MHz



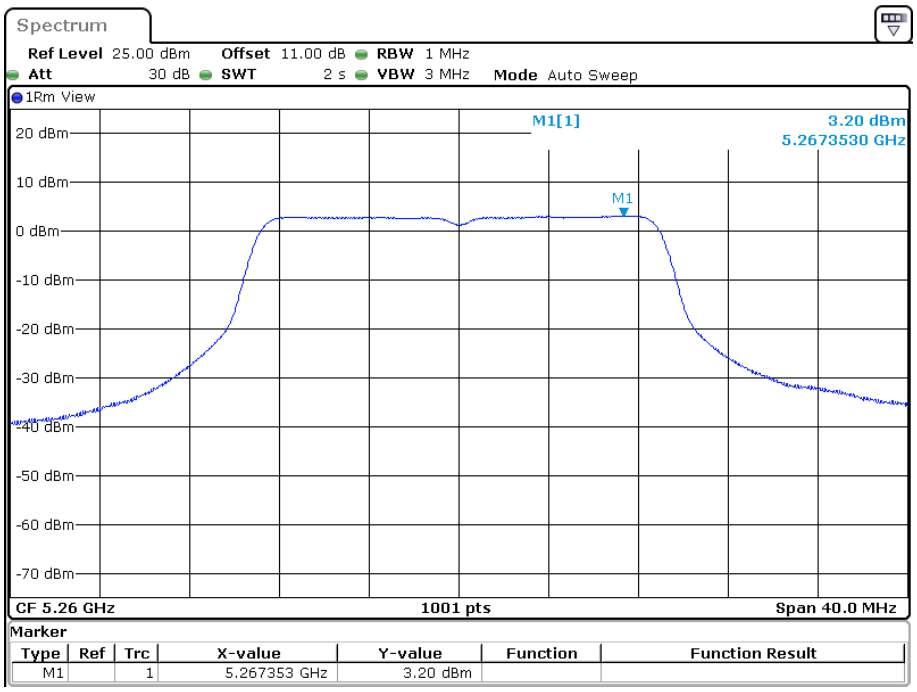
Date: 28.JUN.2022 22:59:54

802.11a mode, Power Spectral Density, 5320 MHz



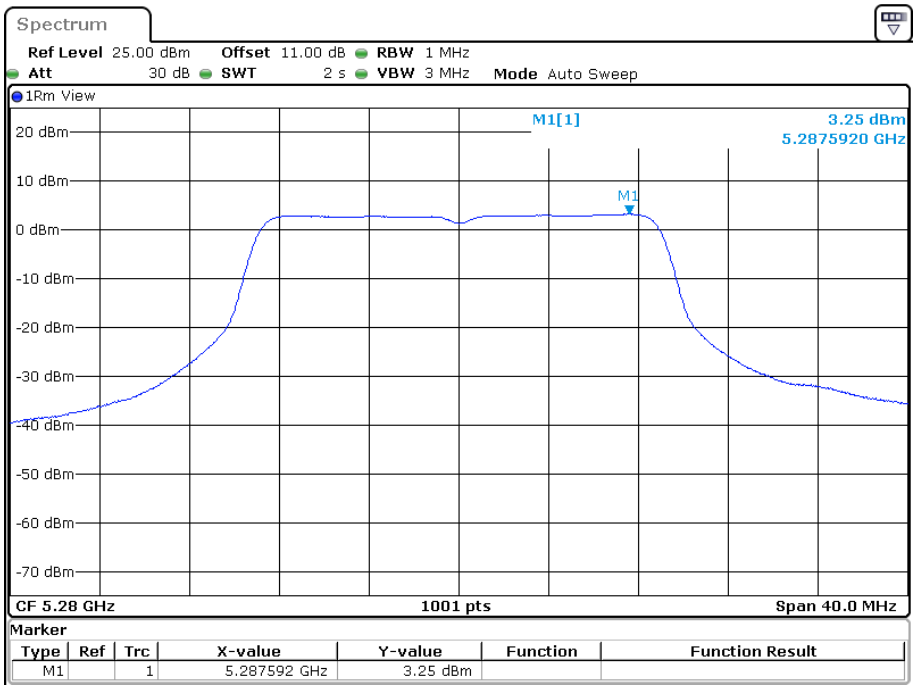
Date: 28.JUN.2022 22:57:27

802.11n20 mode, Power Spectral Density, 5260 MHz



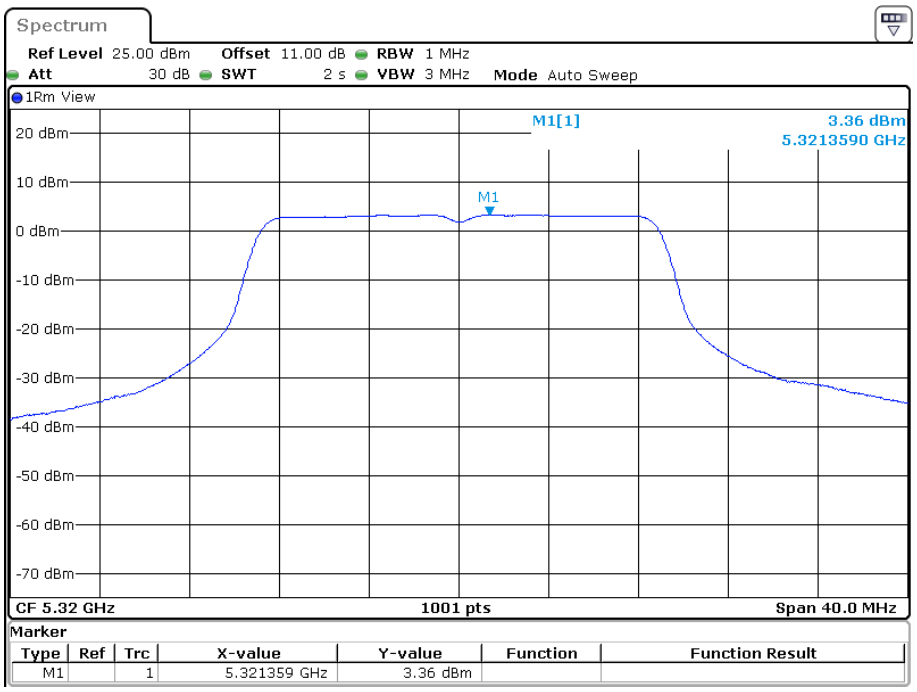
Date: 28.JUN.2022 23:32:45

802.11n20 mode, Power Spectral Density, 5280MHz



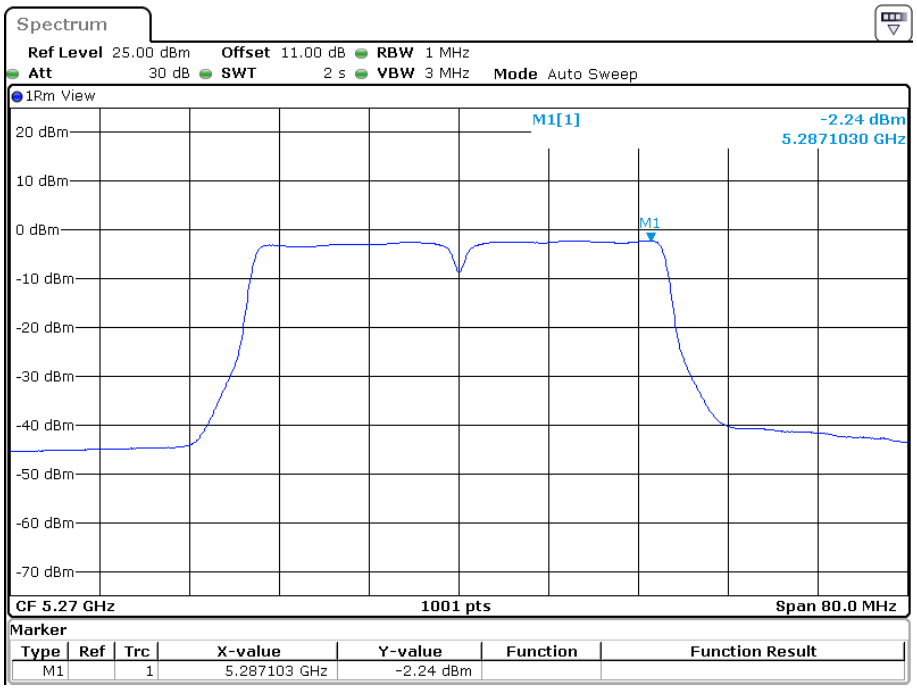
Date: 28.JUN.2022 23:35:33

802.11n20 mode, Power Spectral Density, 5320MHz



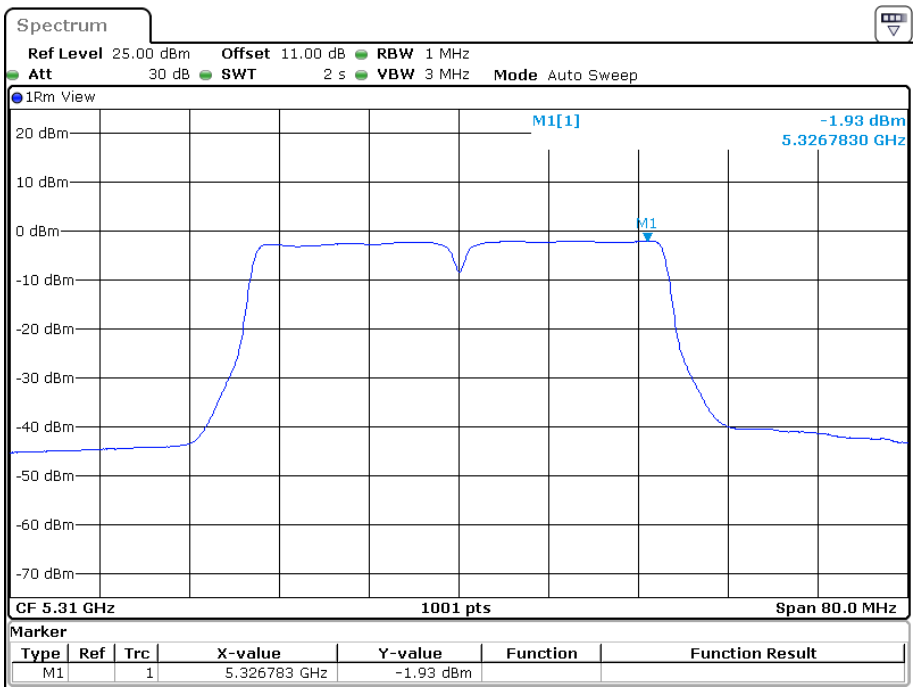
Date: 28.JUN.2022 23:38:07

802.11n40 mode, Power Spectral Density, 5270MHz



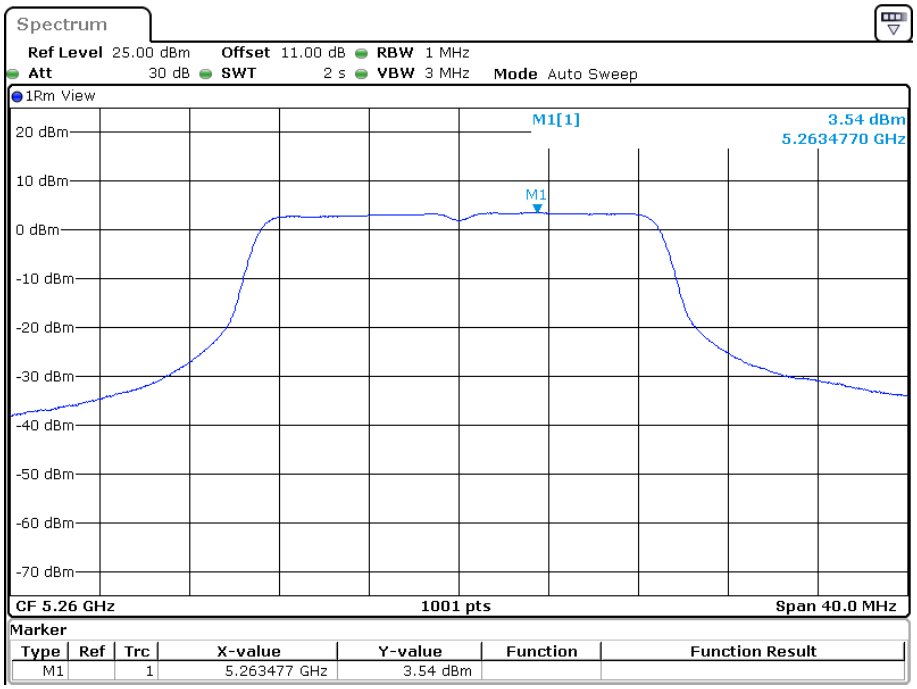
Date: 29.JUN.2022 01:33:19

802.11n40 mode, Power Spectral Density, 5310MHz



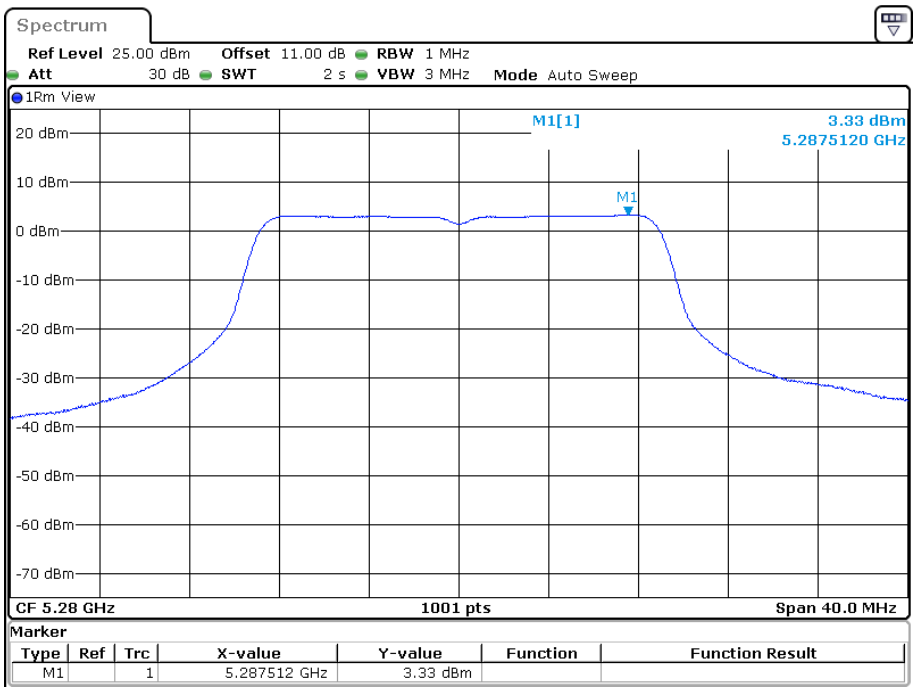
Date: 29.JUN.2022 01:36:10

802.11ac20 mode, Power Spectral Density, 5260 MHz



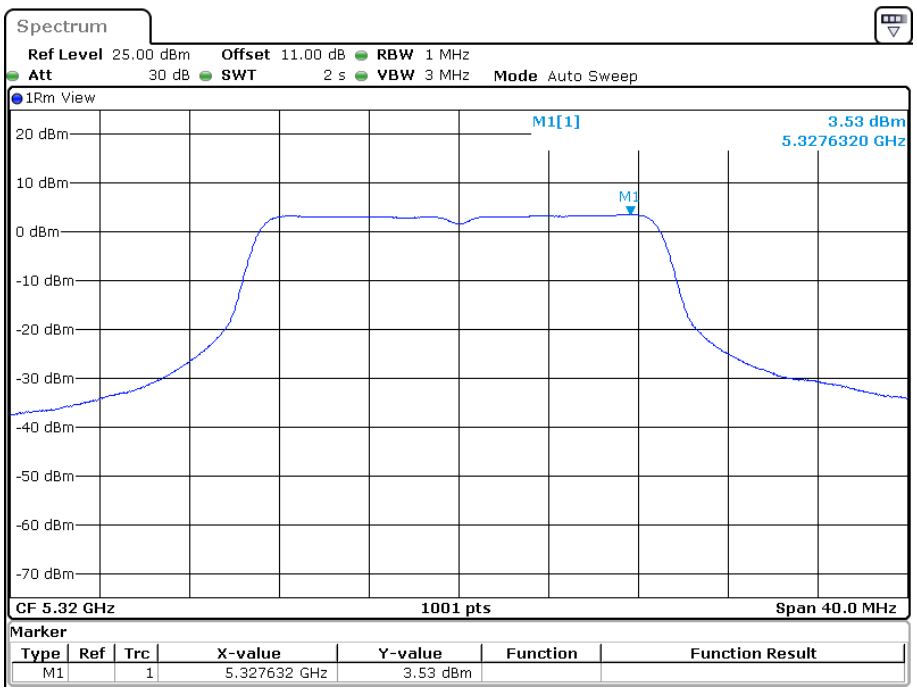
Date: 29.JUN.2022 23:39:07

802. 11ac20 mode, Power Spectral Density, 5280MHz



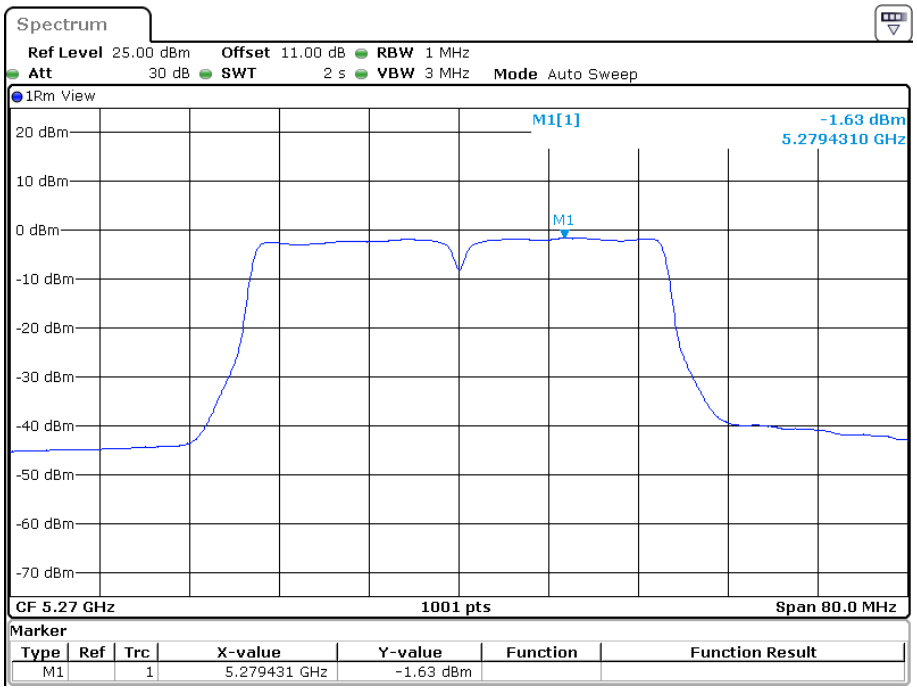
Date: 29.JUN.2022 23:42:31

802. 11ac20 mode, Power Spectral Density, 5320MHz



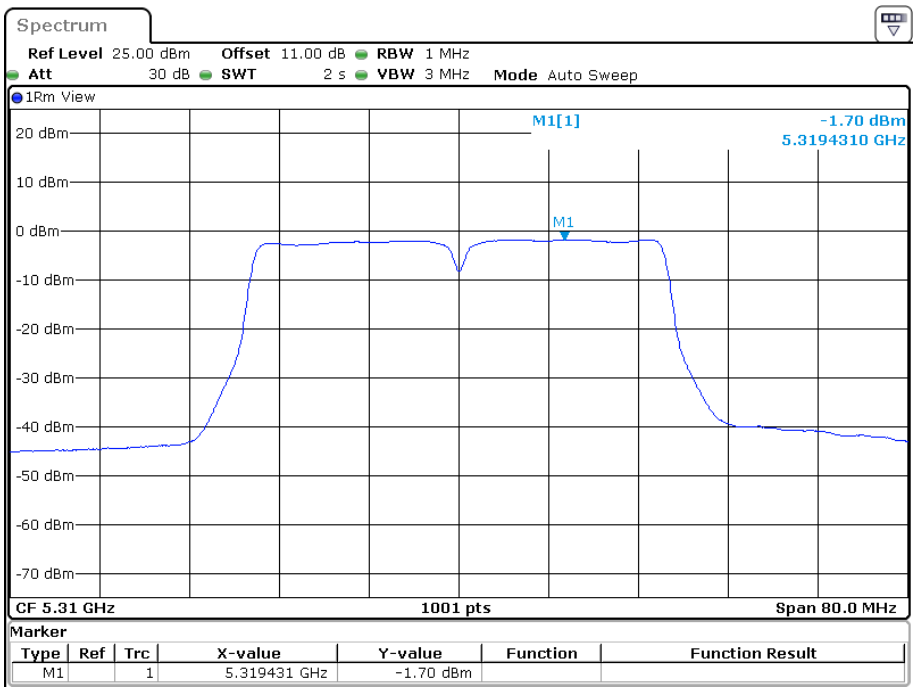
Date: 29.JUN.2022 23:45:06

802. 11ac40 mode, Power Spectral Density, 5270MHz



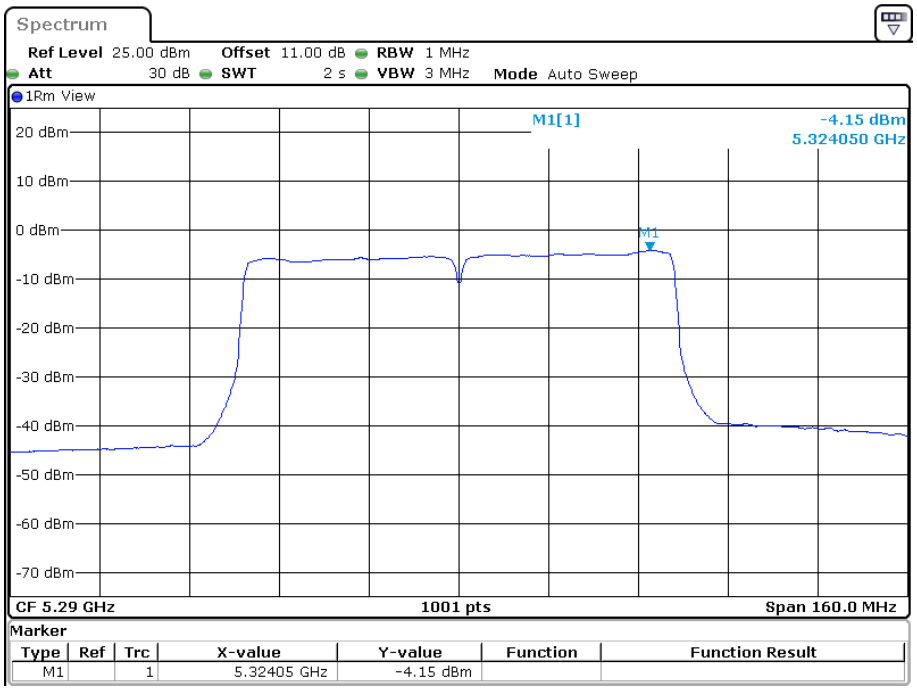
Date: 30.JUN.2022 00:02:00

802. 11ac40 mode, Power Spectral Density, 5310 MHz



Date: 30.JUN.2022 00:04:47

802. 11ac80 mode, Power Spectral Density, 5290 MHz



Date: 30.JUN.2022 01:07:53

5470 MHz – 5725 MHz

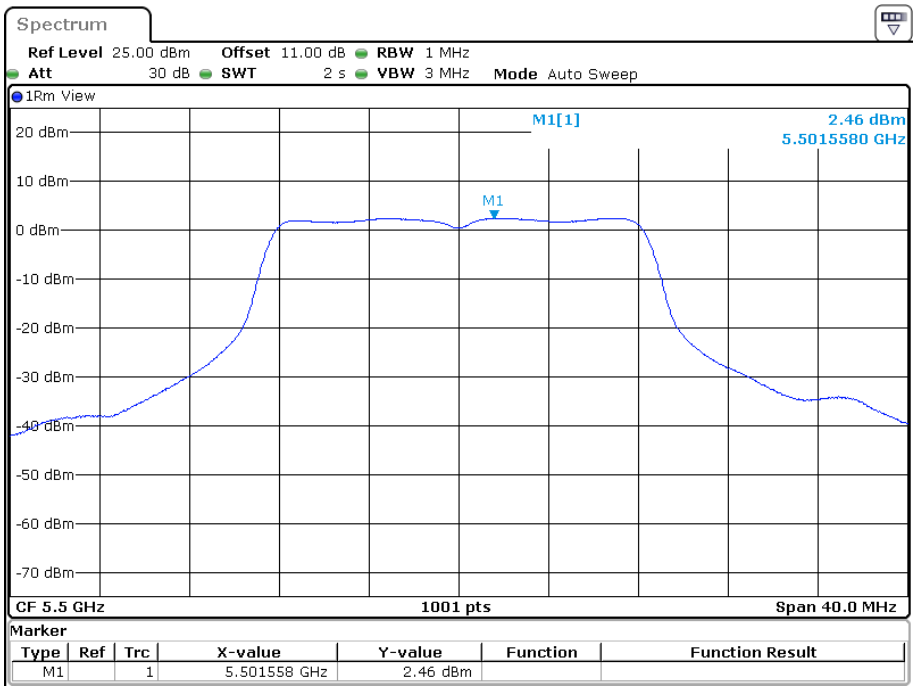
Frequency (MHz)	Antenna Port	Reading (dBm/MHz)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	TotalPSD (dBm/MHz)	Limit (dBm/MHz)
802.11a						
5500	0	2.46	/	2.46	\	11
	1	3.85	/	3.85		
5580	0	2.15	/	2.15	\	
	1	3.91	/	3.91		
5700	0	1.69	/	1.69	\	
	1	3.91	/	3.91		
802.11n20						
5500	0	-0.75	/	-0.75	3.16	11
	1	0.90	/	0.90		
5580	0	-1.03	/	-1.03	2.91	
	1	0.66	/	0.66		
5700	0	-1.54	/	-1.54	2.72	
	1	0.68	/	0.68		
802.11n40						
5510	0	-3.84	0.16	-3.68	0.26	11
	1	-2.14	0.16	-1.98		
5550	0	-3.83	0.16	-3.67	0.18	
	1	-2.29	0.16	-2.13		
5670	0	-4.53	0.16	-4.37	-0.17	
	1	-2.41	0.16	-2.25		
802.11ac20						
5500	0	-0.83	/	-0.83	3.11	11
	1	0.86	/	0.86		
5580	0	-1.00	/	-1.00	3.08	
	1	0.92	/	0.92		
5700	0	-1.63	/	-1.63	2.79	
	1	0.85	/	0.85		
802.11ac40						
5510	0	-3.75	0.17	-3.58	0.31	11
	1	-2.14	0.17	-1.97		
5550	0	-4.07	0.17	-3.90	0.26	
	1	-2.01	0.17	-1.84		
5670	0	-4.24	0.17	-4.07	0.17	
	1	-2.05	0.17	-1.88		
802.11ac80						
5530	0	-7.66	0.34	-7.32	-3.48	11
	1	-6.13	0.34	-5.79		
5610	0	-8.38	0.34	-8.04	-3.93	
	1	-6.41	0.34	-6.07		

Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

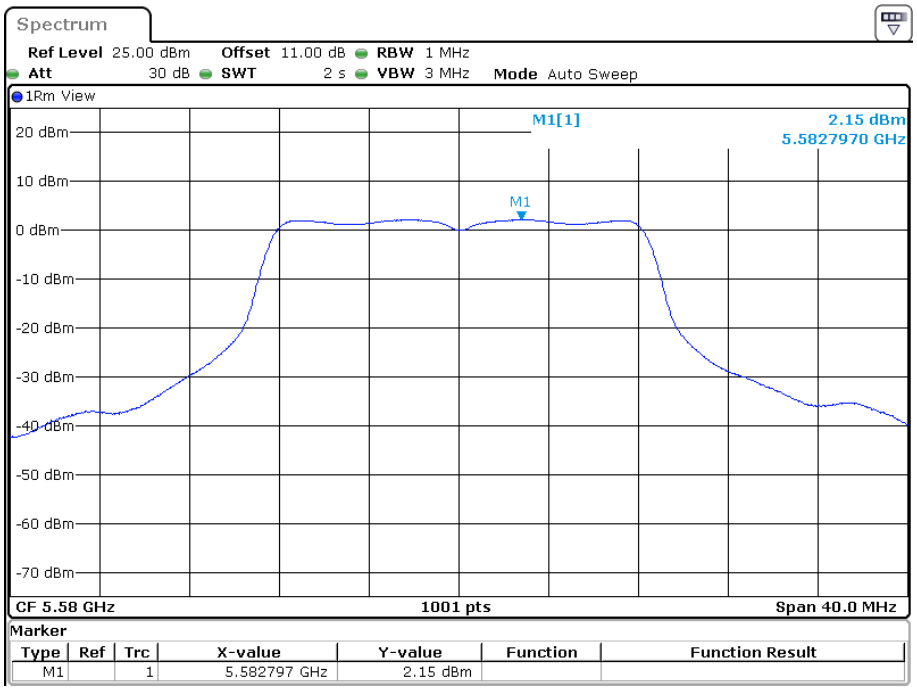
For 802.11n/ac mode, the EUT employ CDD
Directional Gain = G_{ANT} + *Array Gain*
For PSD Measurement, *Array Gain* = 10*logN_{ANT}=*10*log2=3dB*
G_{ANT} = 2.47dBi
Directional Gain = 2.47dBi + 3dB = 5.47dBi < 6dBi

ANT0:

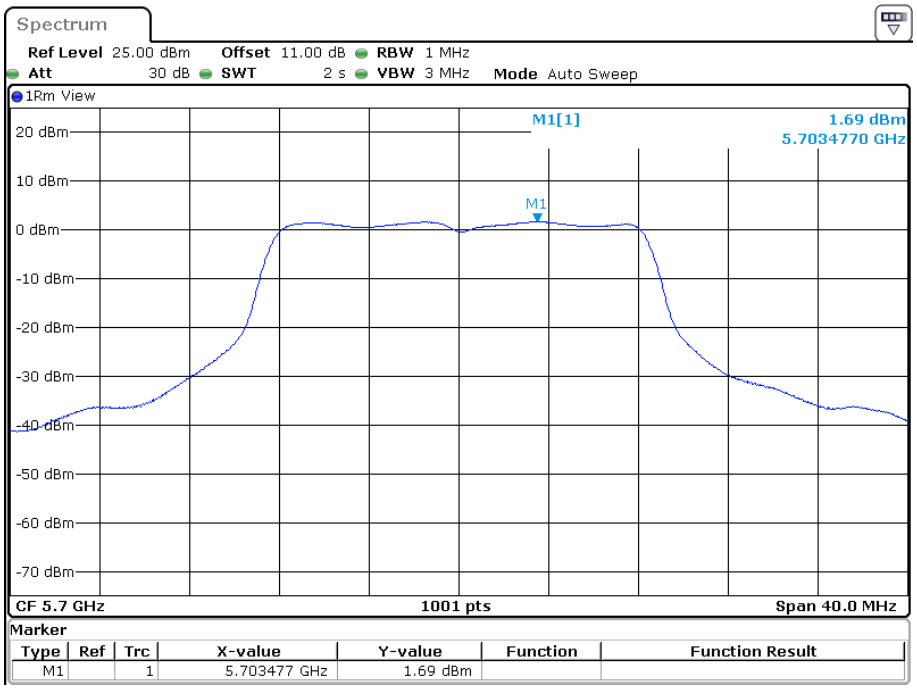
802.11a mode, Power Spectral Density, 5500MHz



802.11a mode, Power Spectral Density, 5580MHz

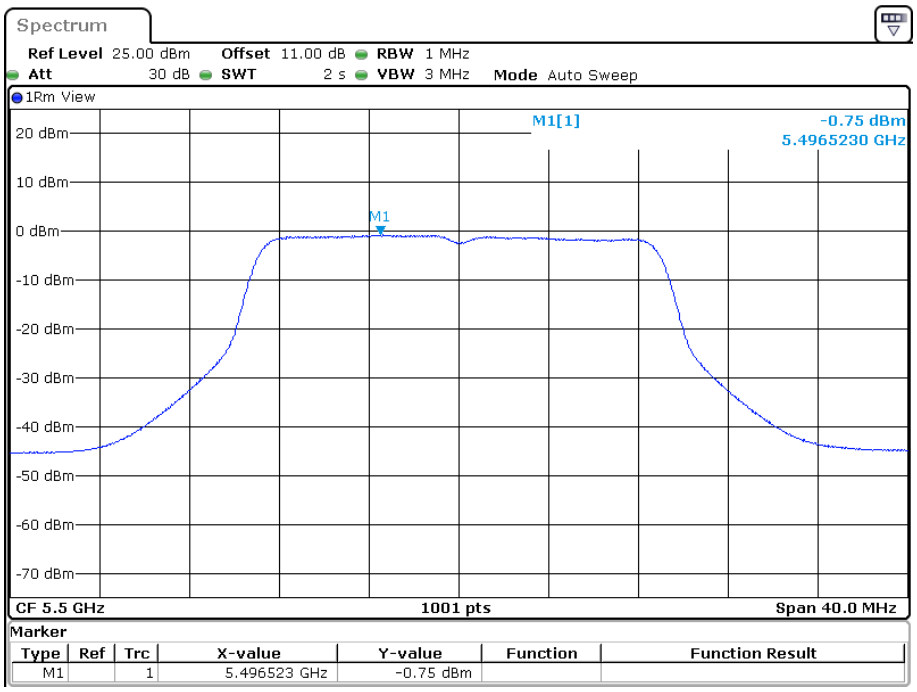


802.11a mode, Power Spectral Density, 5700MHz



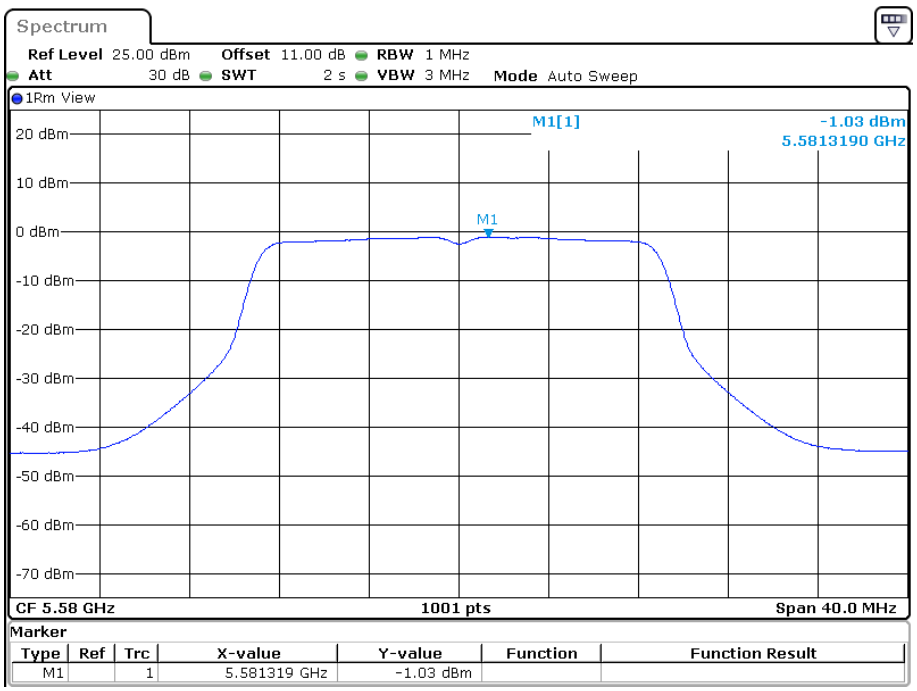
Date: 28.JUN.2022 21:51:34

802.11n20 mode, Power Spectral Density, 5500MHz



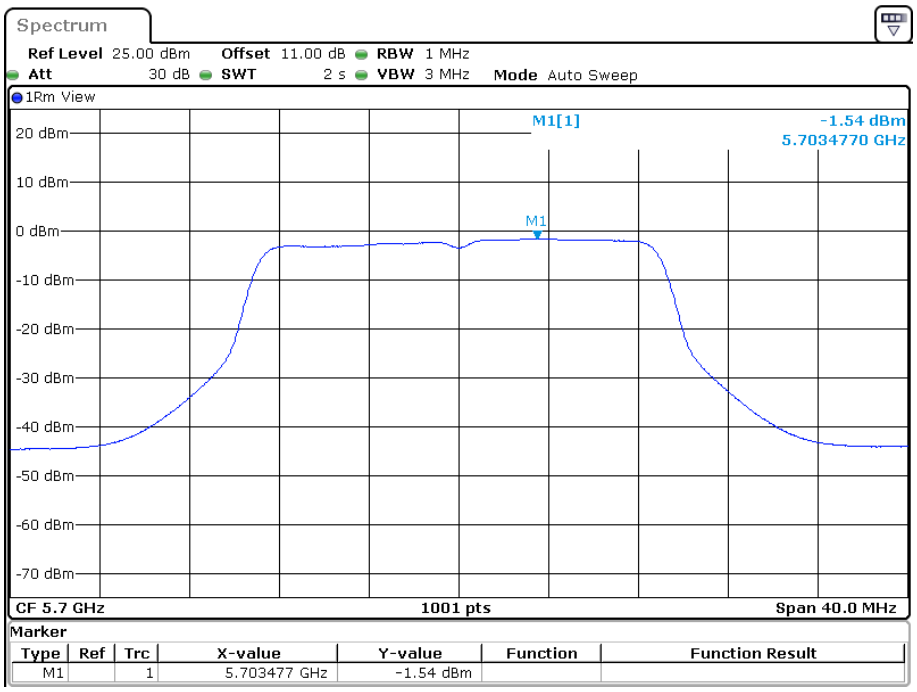
Date: 29.JUN.2022 00:21:45

802.11n20 mode, Power Spectral Density, 5580MHz



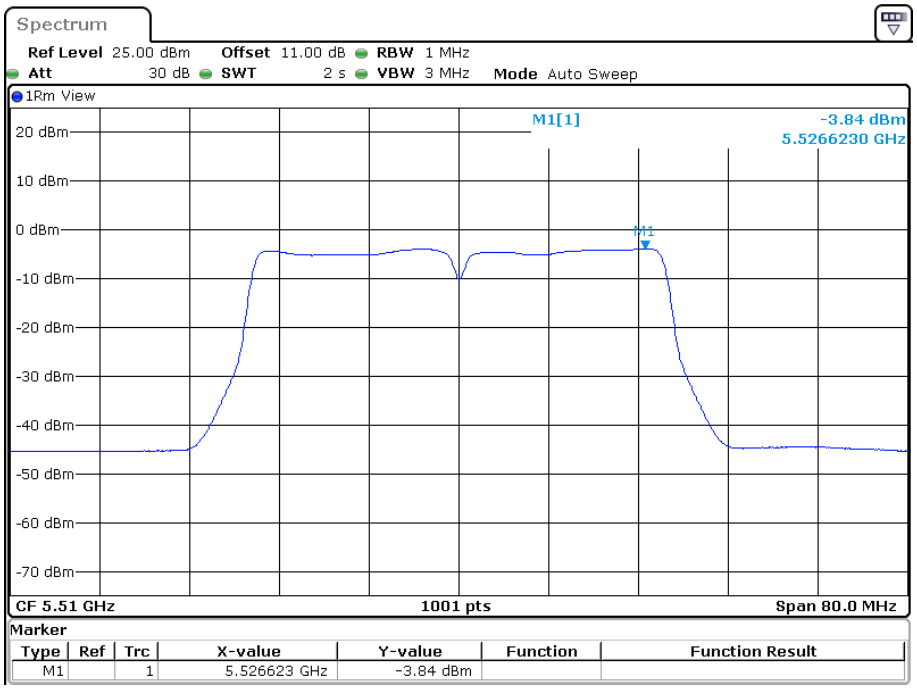
Date: 29.JUN.2022 00:24:19

802.11n20 mode, Power Spectral Density, 5700MHz



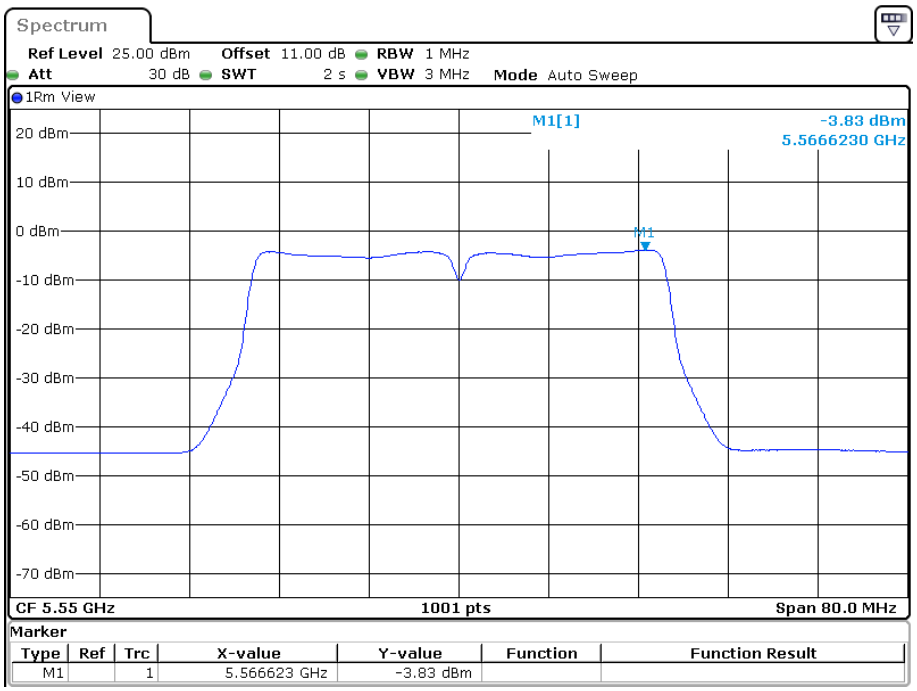
Date: 29.JUN.2022 00:26:49

802.11n40 mode, Power Spectral Density, 5510MHz



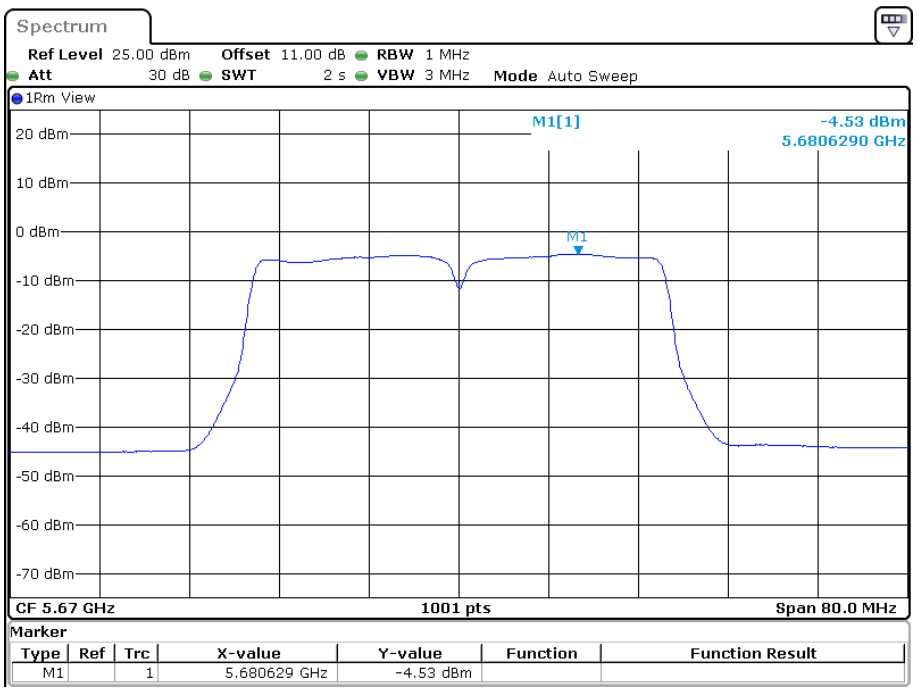
Date: 29.JUN.2022 00:40:41

802.11n40 mode, Power Spectral Density, 5550MHz



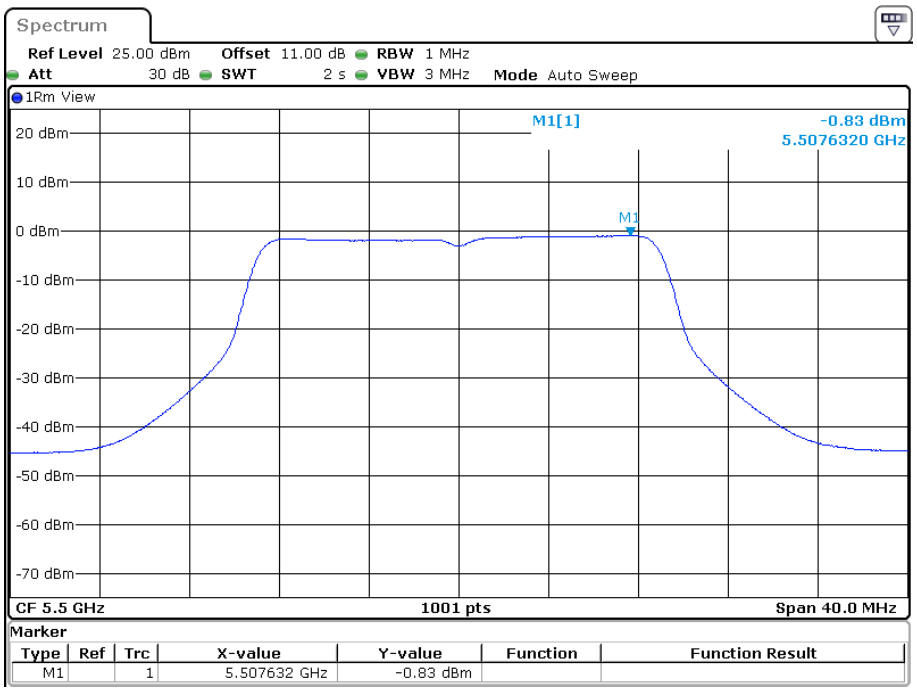
Date: 29.JUN.2022 00:43:12

802.11n40 mode, Power Spectral Density, 5670MHz



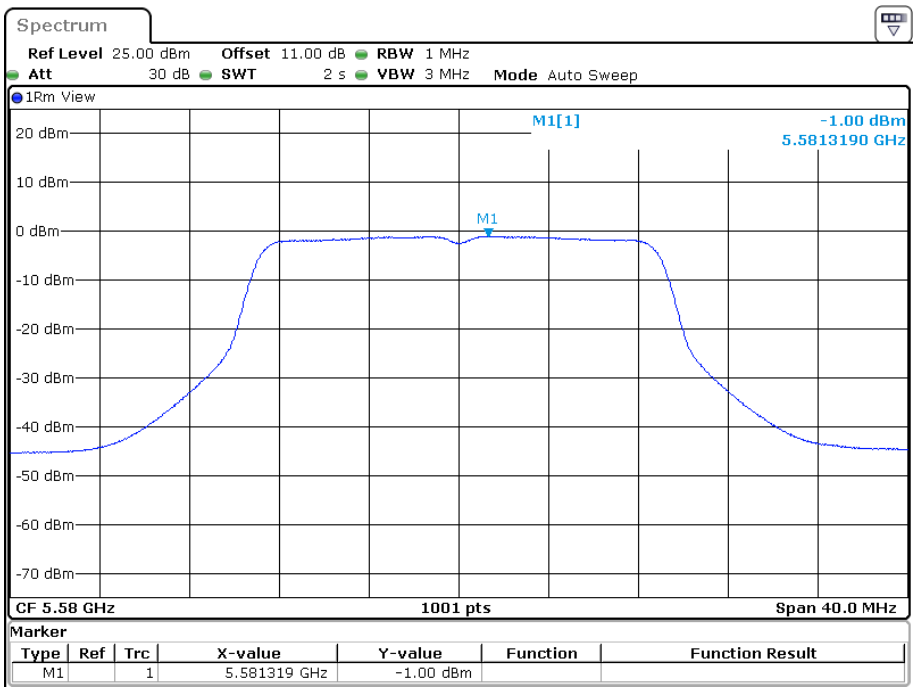
Date: 29.JUN.2022 00:45:50

802.11ac20 mode, Power Spectral Density, 5500 MHz



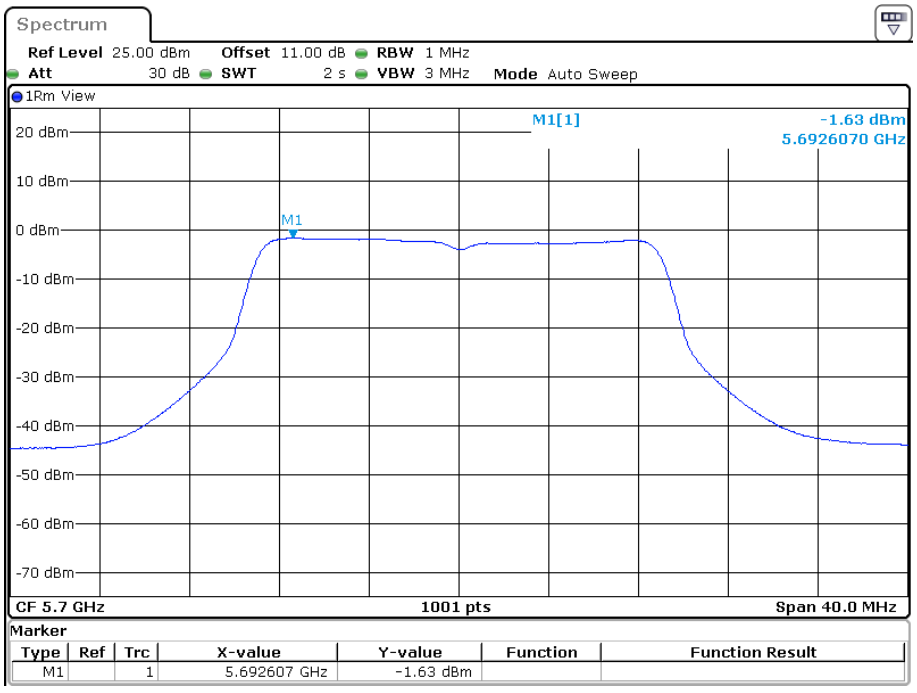
Date: 29.JUN.2022 23:04:20

802. 11ac20 mode, Power Spectral Density, 5580MHz



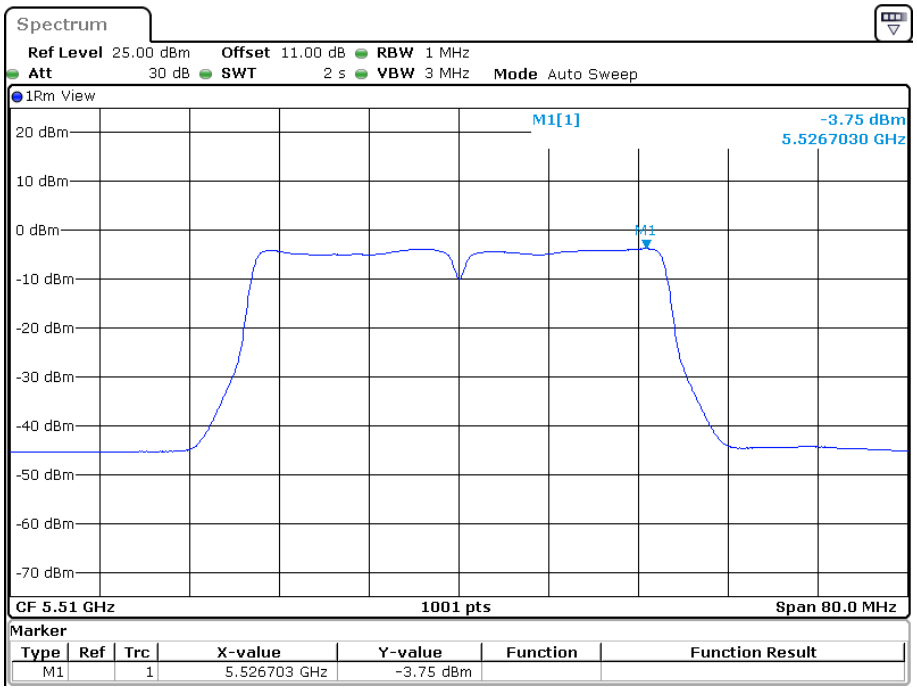
Date: 29.JUN.2022 23:06:51

802. 11ac20 mode, Power Spectral Density, 5700MHz



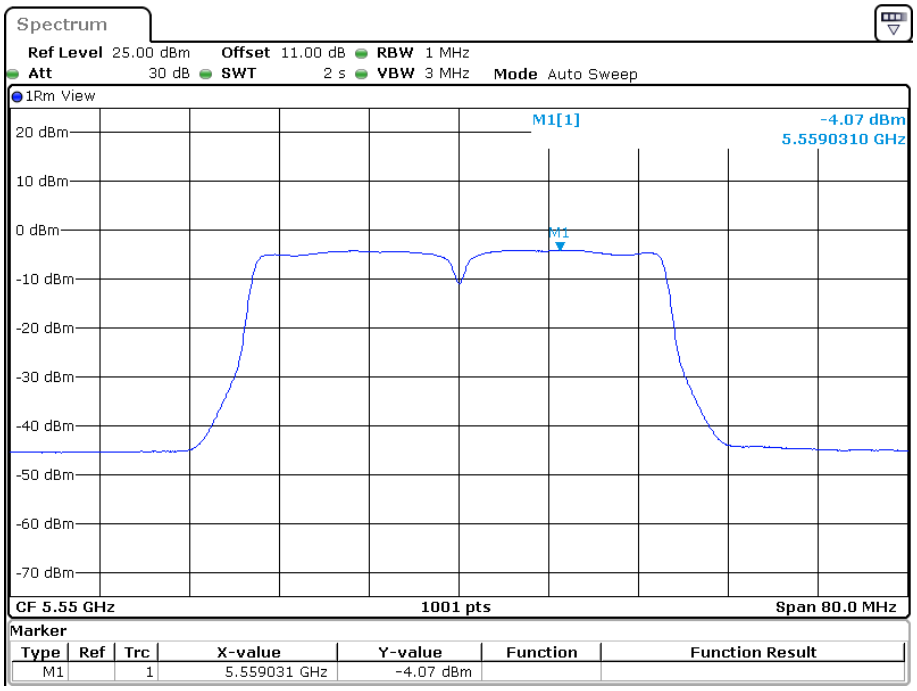
Date: 29.JUN.2022 23:09:20

802. 11ac40 mode, Power Spectral Density, 5510MHz



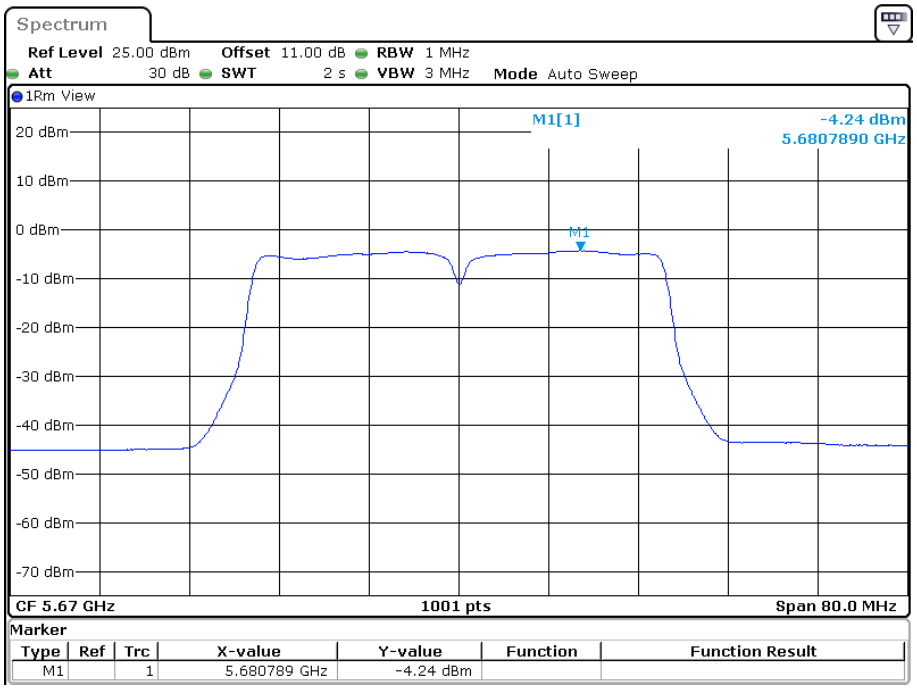
Date: 30.JUN.2022 00:36:59

802. 11ac40 mode, Power Spectral Density,5550MHz



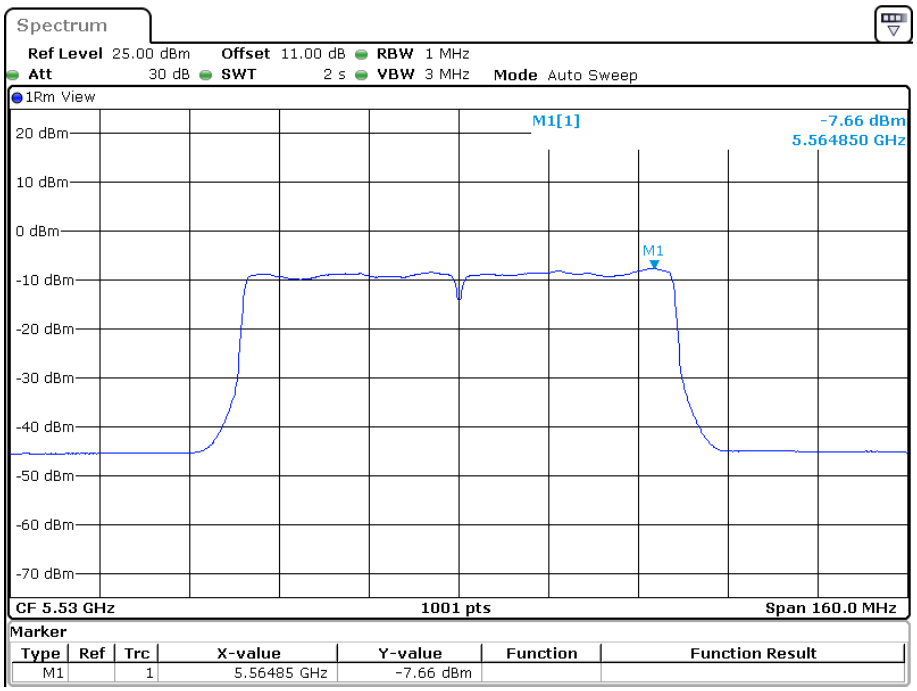
Date: 30.JUN.2022 00:39:25

802. 11ac40 mode, Power Spectral Density,5670MHz

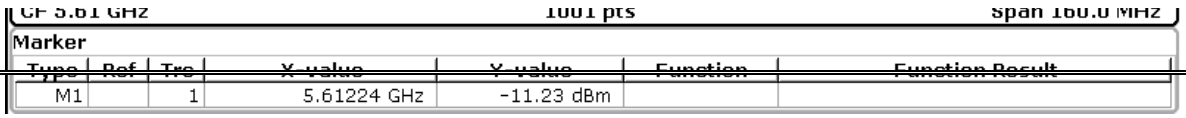


Date: 30.JUN.2022 00:42:20

802. 11ac80 mode, Power Spectral Density, 5530 MHz

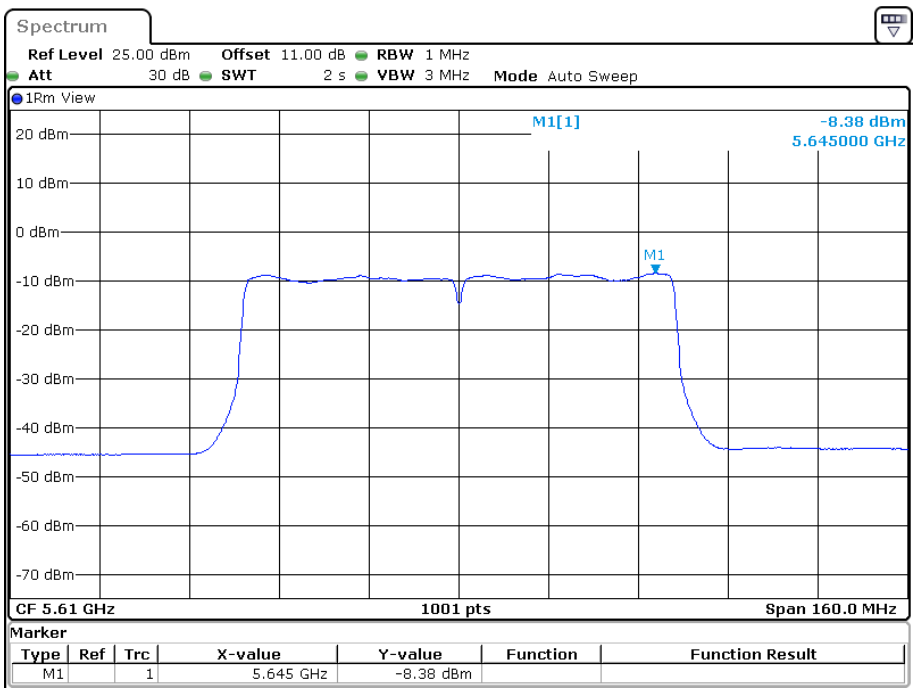


Date: 30.JUN.2022 00:53:14



SDate: 28.JUN.2022 00:29:16 0

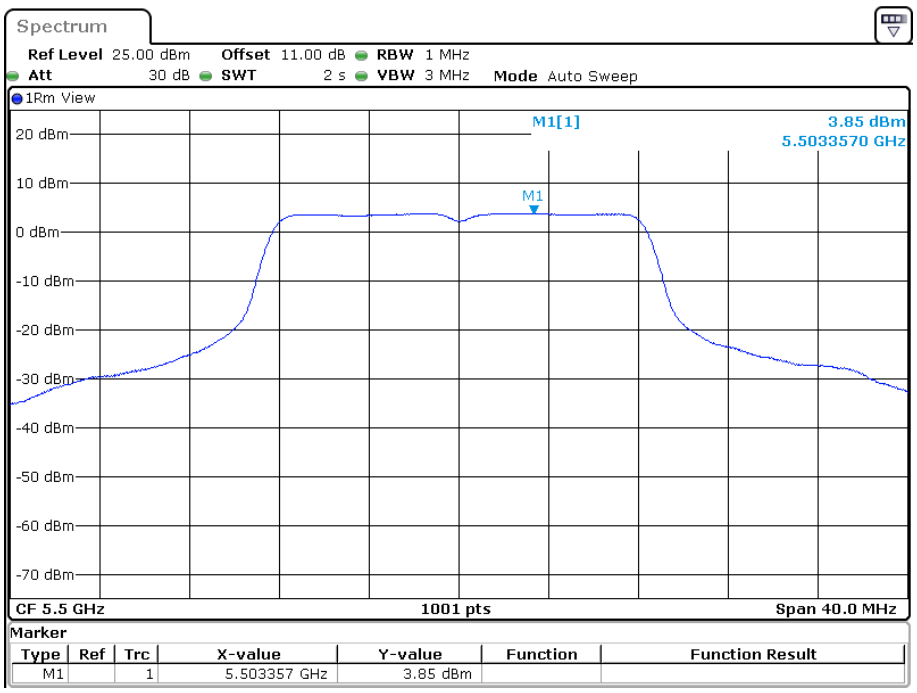
802. 11ac80 mode, Power Spectral Density, 5610 MHz



Date: 30.JUN.2022 00:55:49

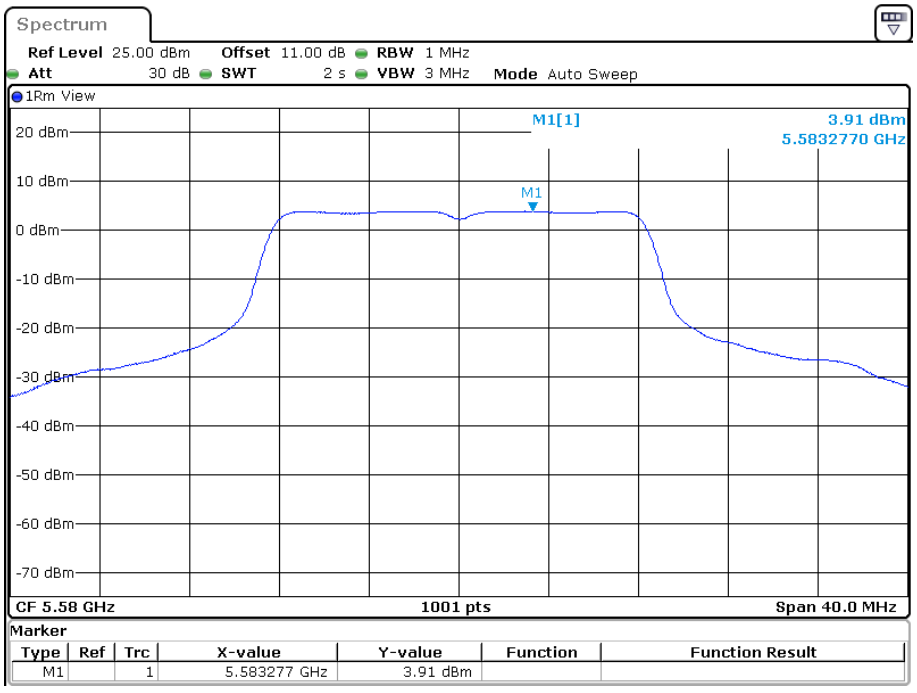
ANT1:

802.11a mode, Power Spectral Density, 5500MHz



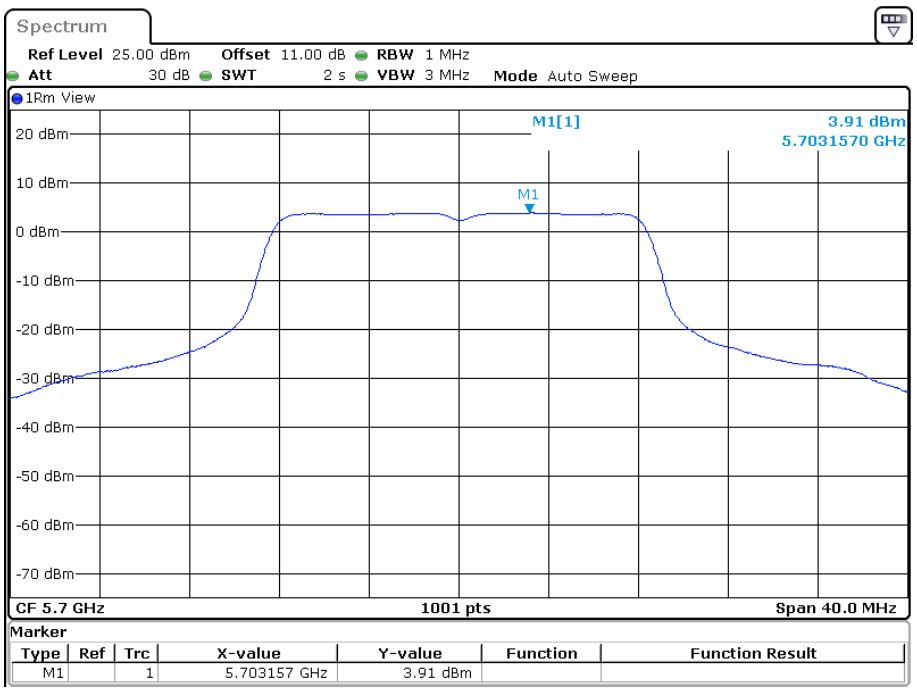
Date: 28.JUN.2022 23:02:37

802.11a mode, Power Spectral Density, 5580MHz



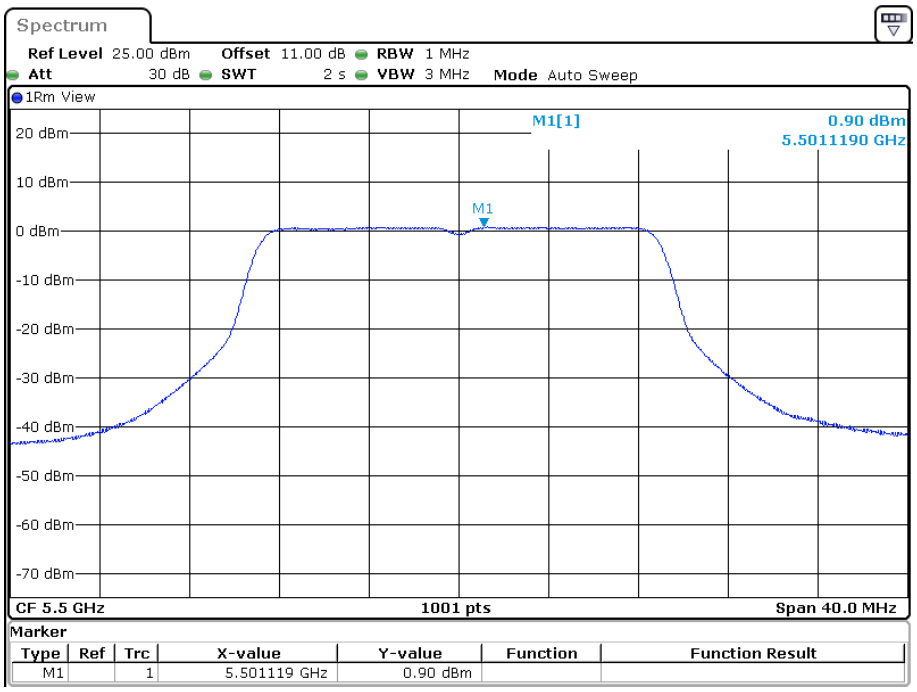
Date: 28.JUN.2022 23:06:07

802.11a mode, Power Spectral Density, 5700MHz



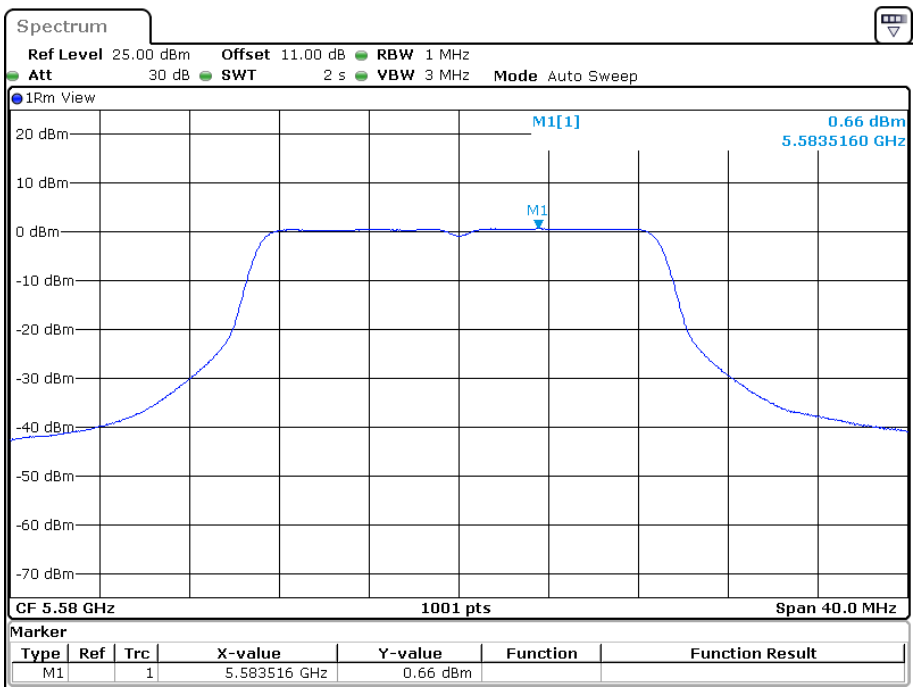
Date: 28.JUN.2022 23:08:46

802.11n20 mode, Power Spectral Density, 5500MHz



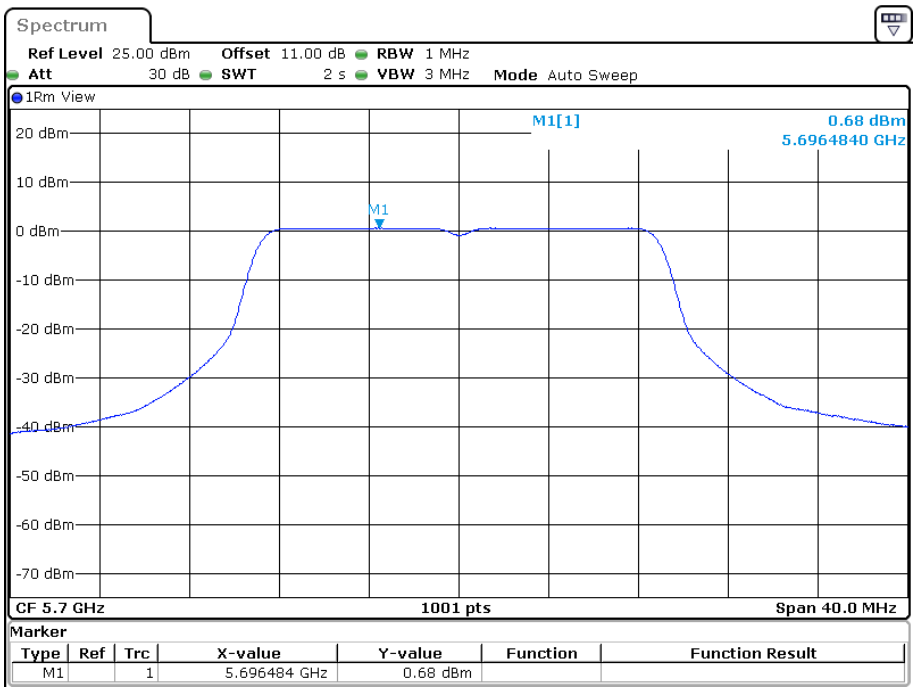
Date: 28.JUN.2022 23:42:41

802.11n20 mode, Power Spectral Density, 5580MHz



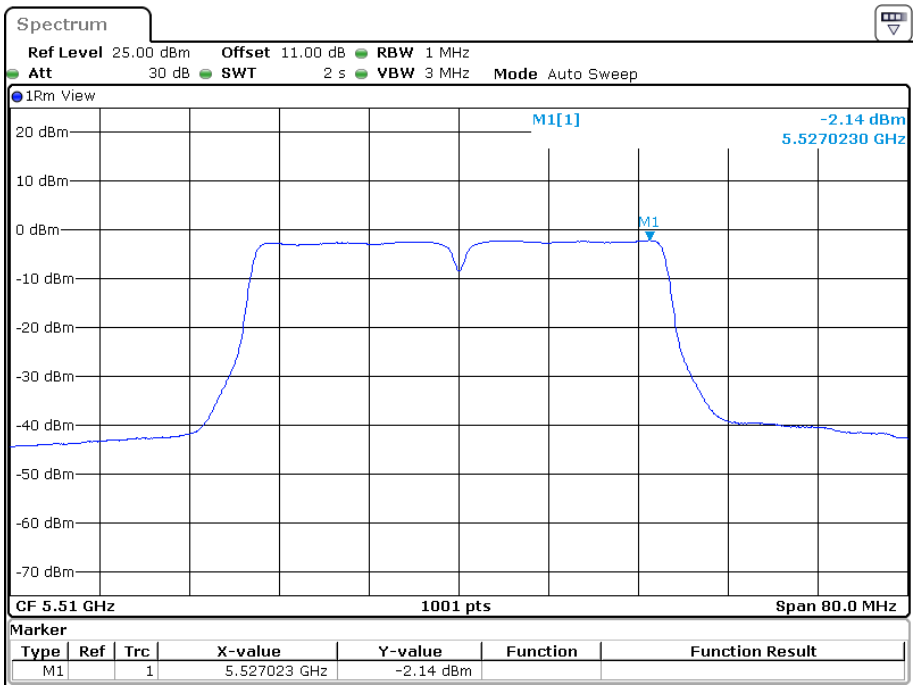
Date: 28.JUN.2022 23:45:09

802.11n20 mode, Power Spectral Density, 5700MHz



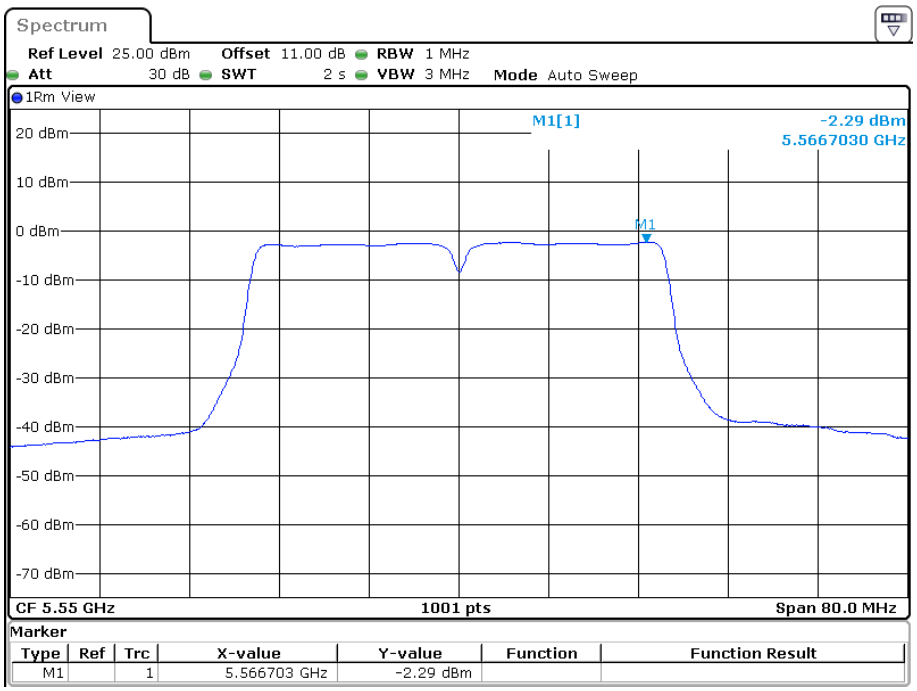
Date: 28.JUN.2022 23:47:37

802.11n40 mode, Power Spectral Density, 5510MHz



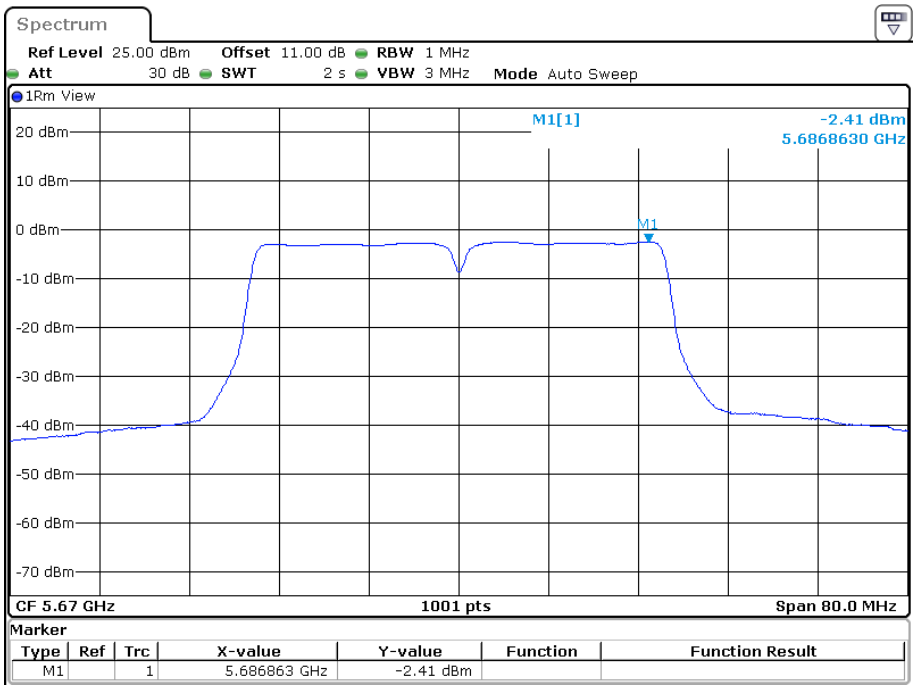
Date: 29.JUN.2022 01:38:41

802.11n40 mode, Power Spectral Density, 5550MHz



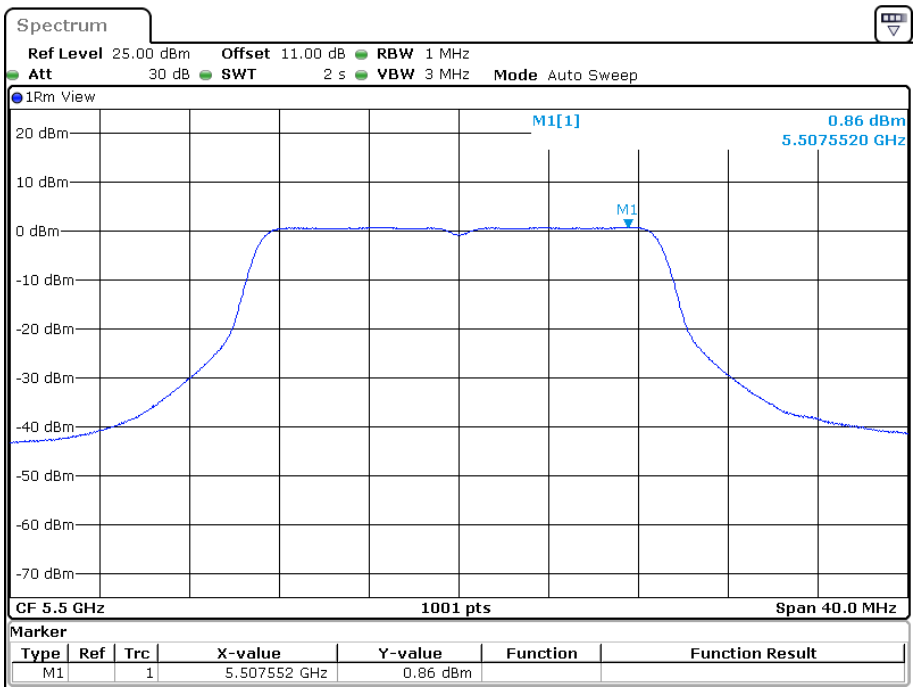
Date: 29.JUN.2022 01:41:10

802.11n40 mode, Power Spectral Density, 5670MHz



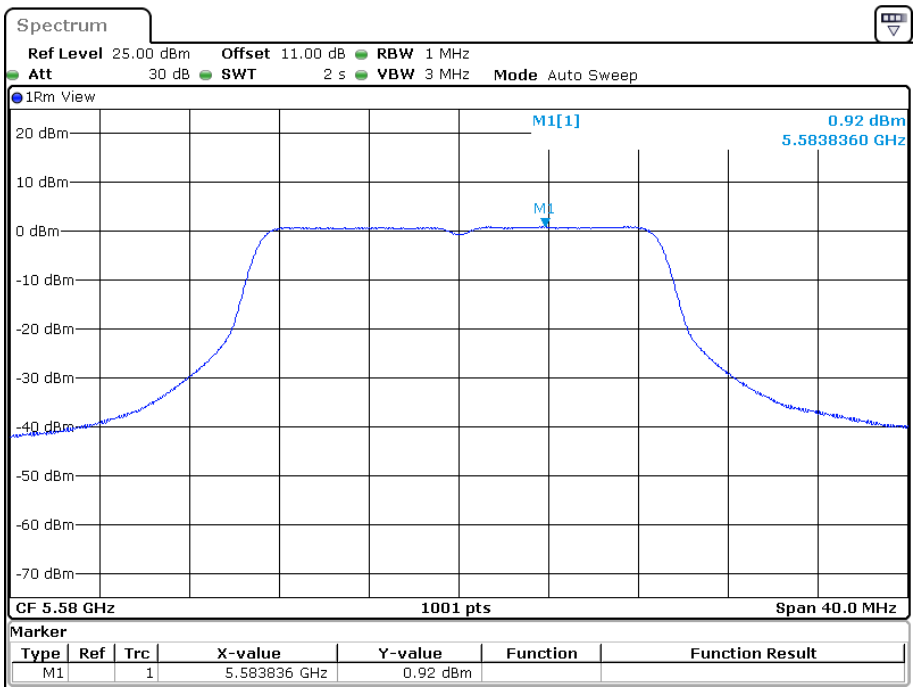
Date: 29.JUN.2022 01:43:46

802.11ac20 mode, Power Spectral Density, 5500 MHz



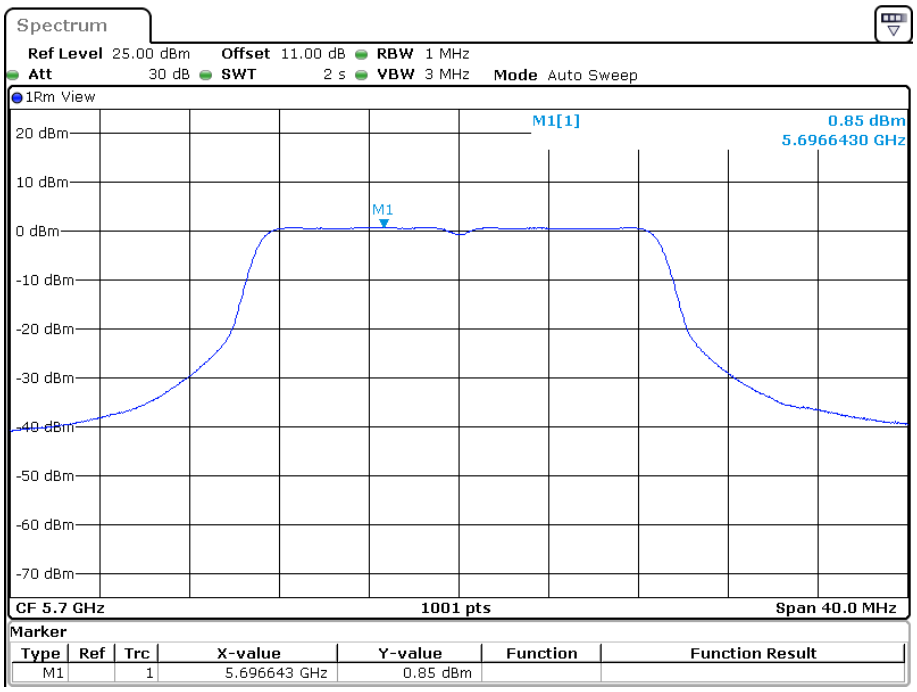
Date: 29.JUN.2022 23:47:35

802. 11ac20 mode, Power Spectral Density, 5580MHz



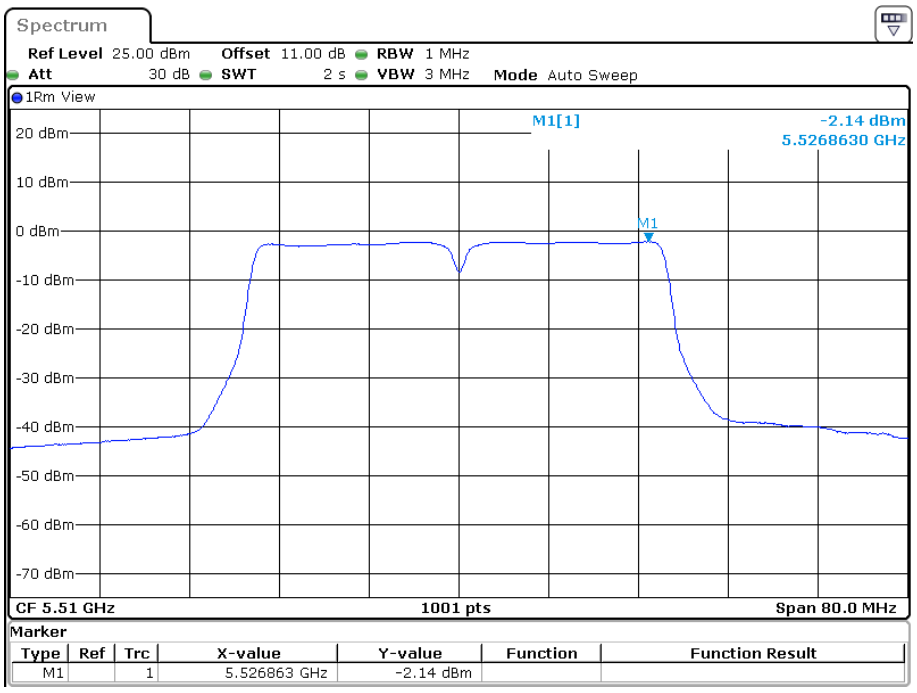
Date: 29.JUN.2022 23:50:08

802. 11ac20 mode, Power Spectral Density, 5700MHz



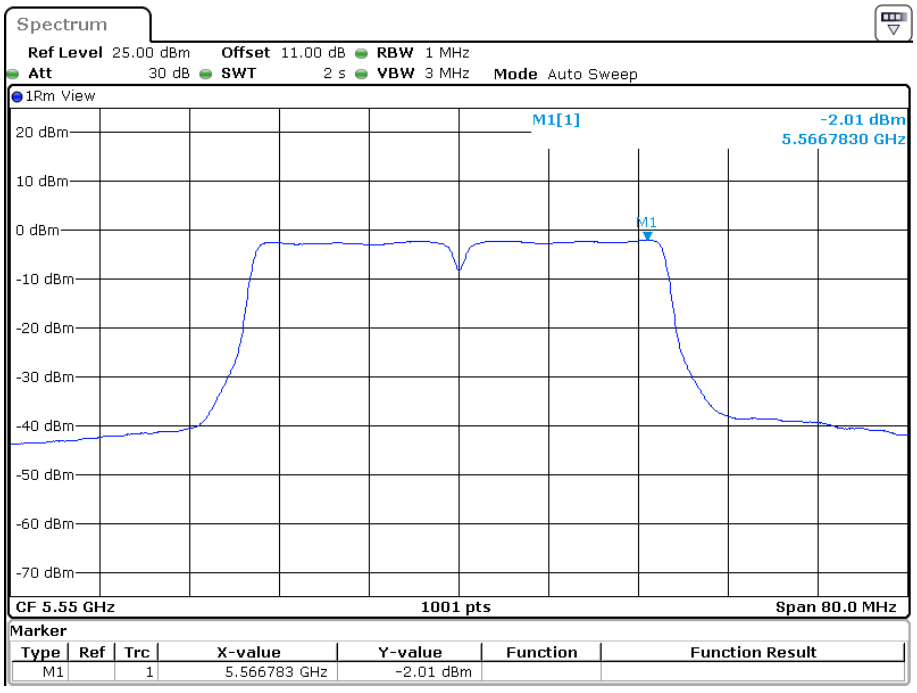
Date: 29.JUN.2022 23:52:40

802. 11ac40 mode, Power Spectral Density, 5510MHz



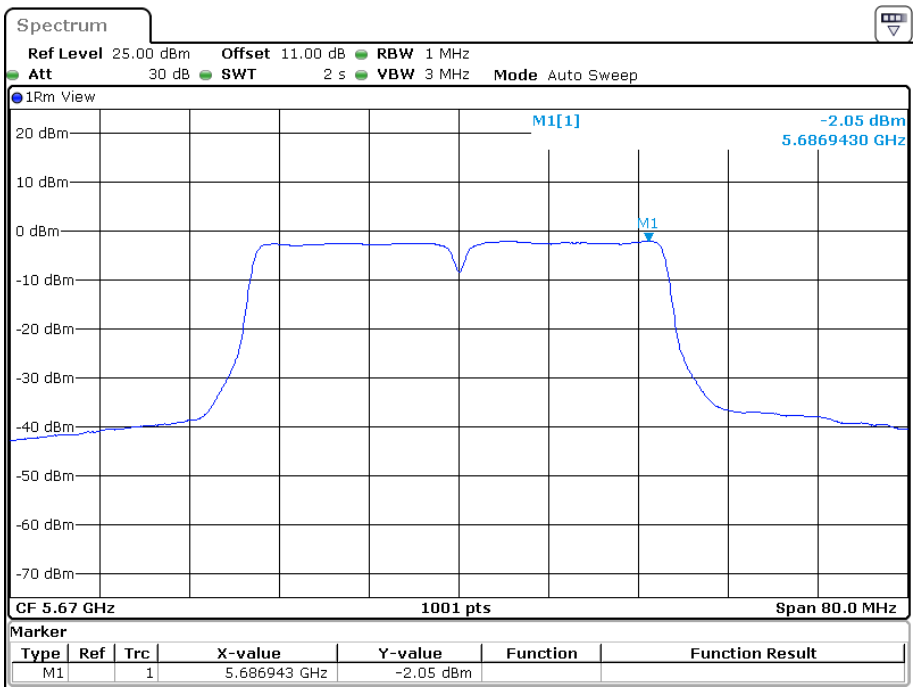
Date: 30.JUN.2022 00:07:31

802. 11ac40 mode, Power Spectral Density,5550MHz



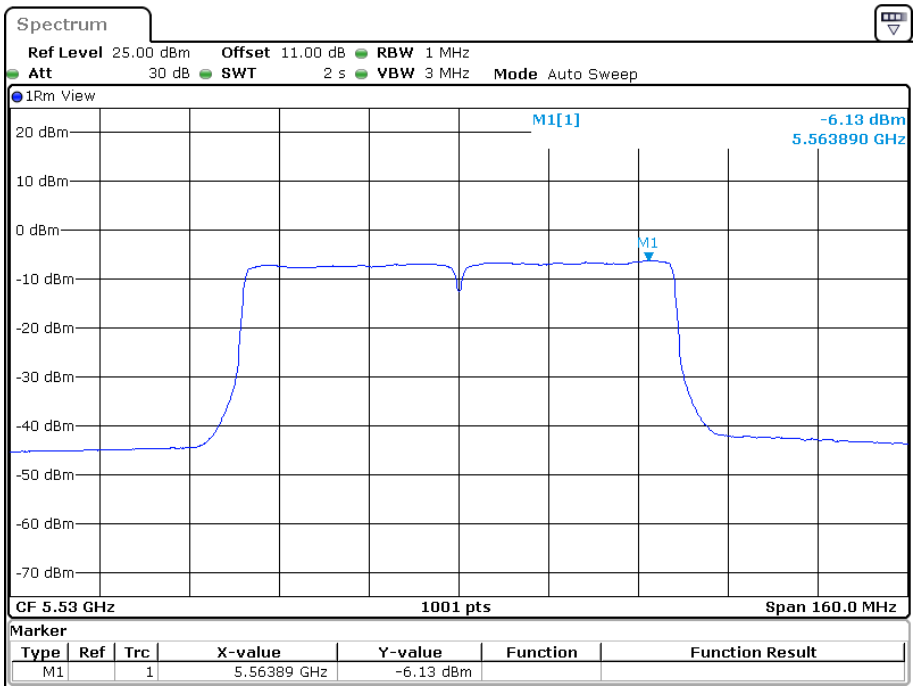
Date: 30.JUN.2022 00:10:12

802. 11ac40 mode, Power Spectral Density,5670MHz

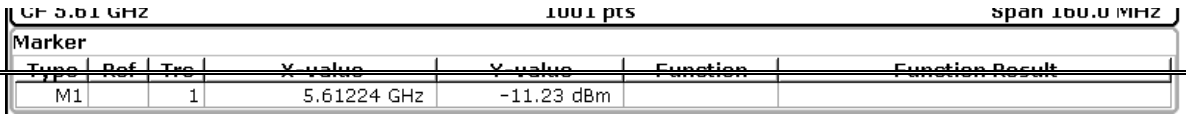


Date: 30.JUN.2022 00:12:38

802. 11ac80 mode, Power Spectral Density, 5530 MHz

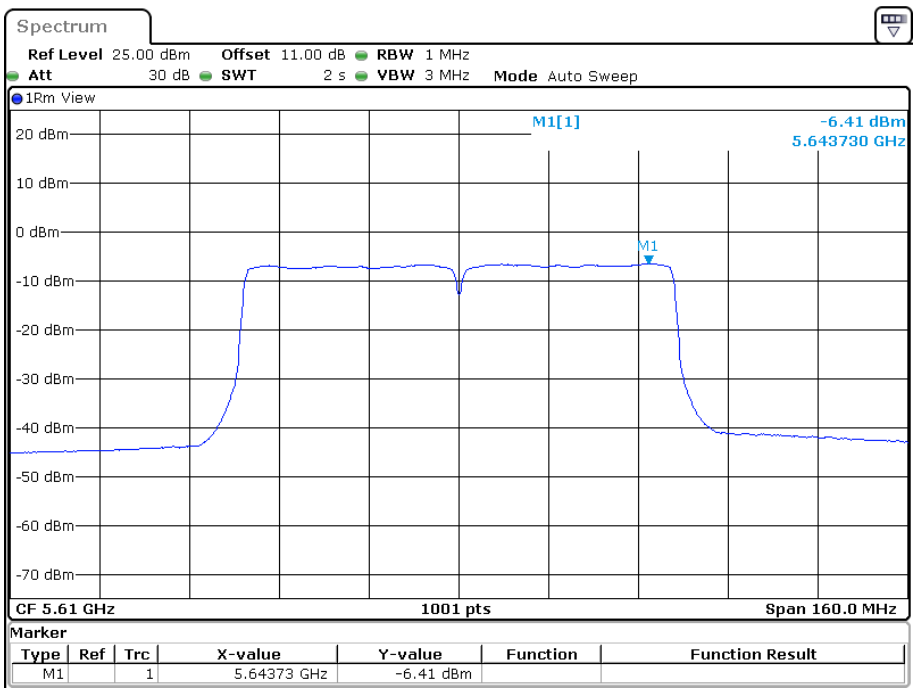


Date: 30.JUN.2022 01:10:32



Date: 28.JUN.2022 00:29:16

802. 11ac80 mode, Power Spectral Density, 5610 MHz



Date: 30.JUN.2022 01:13:02

5725 MHz – 5850MHz:

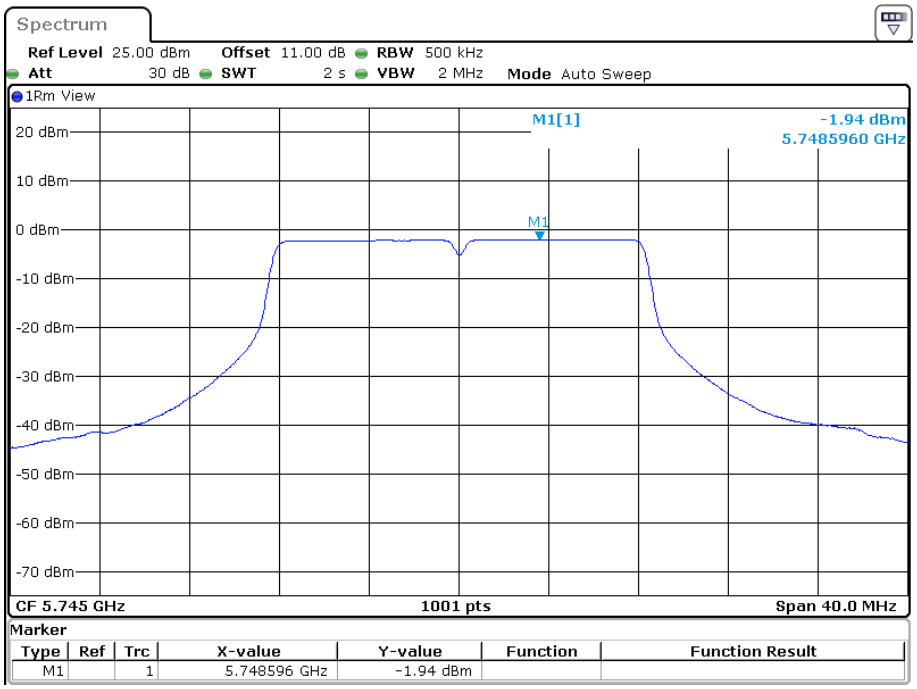
Frequency (MHz)	Antenna Port	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	PSD (dBm/500kHz)	TotalPSD (dBm/500kHz)	Limit (dBm/500kHz)
802.11a						
5745	0	-1.94	/	-1.94	\	30
	1	0.96	/	0.96		
5785	0	-1.65	/	-1.65	\	
	1	1.18	/	1.18		
5825	0	-1.56	/	-1.56	\	
	1	1.48	/	1.48		
802.11n20						
5745	0	-1.52	/	-1.52	2.79	30
	1	0.78	/	0.78		
5785	0	-1.49	/	-1.49	2.83	
	1	0.83	/	0.83		
5825	0	-1.44	/	-1.44	3.21	
	1	1.39	/	1.39		
802.11n40						
5755	0	-4.48	0.16	-4.32	0	30
	1	-2.16	0.16	-2.00		
5795	0	-4.32	0.16	-4.16	0.16	
	1	-2.00	0.16	-1.84		
802.11ac20						
5745	0	-1.52	/	-1.52	2.84	30
	1	0.86	/	0.86		
5785	0	-1.50	/	-1.50	2.82	
	1	0.82	/	0.82		
5825	0	-1.34	/	-1.34	3.09	
	1	1.15	/	1.15		
802.11ac40						
5755	0	-4.38	0.17	-4.21	0.17	30
	1	-1.97	0.17	-1.80		
5795	0	-4.49	0.17	-4.32	0.29	
	1	-1.73	0.17	-1.56		
802.11ac80						
5775	0	-6.88	0.34	-6.54	-2.72	30
	1	-5.39	0.34	-5.05		

Note:
1)Power SpectralDensity = Reading + Duty Cycle Factor.
2)Duty Cycle Factor=10 log (1 / D),D=Duty Cycle

For 802.11n/ac mode, the EUT employ CDD
Directional Gain = G_{ANT} + *Array Gain*
For PSD Measurement, *Array Gain* = 10*logN_{ANT}=*10*log2=3dB*
G_{ANT} = 2.47dBi
Directional Gain = 2.47dBi + 3dB = 5.47dBi < 6dBi

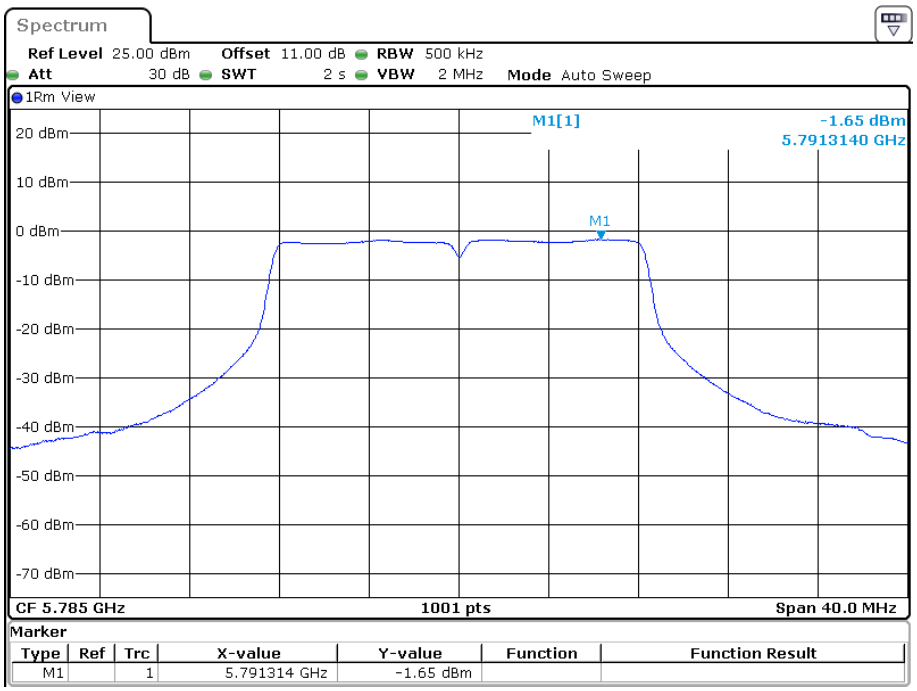
ANT0:

802.11a mode, Power Spectral Density, 5745MHz



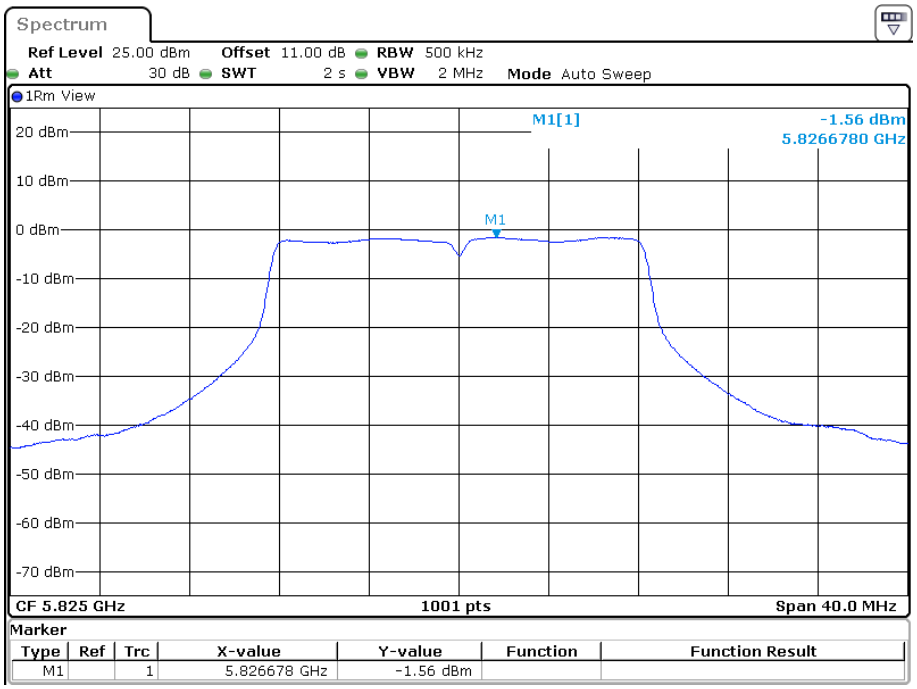
Date: 28.JUN.2022 22:02:22

802.11a mode, Power Spectral Density, 5785MHz



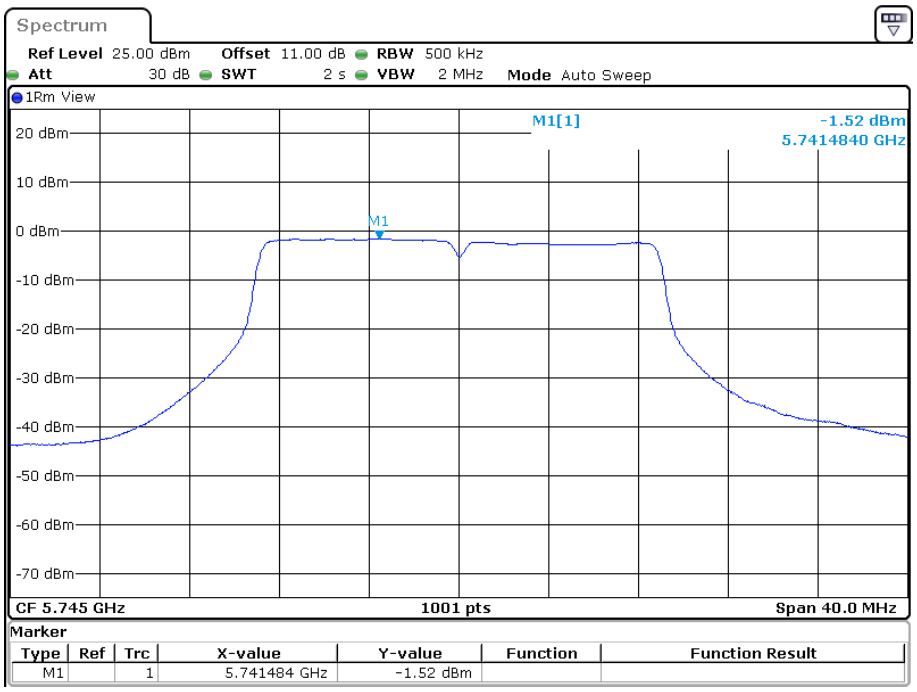
Date: 28.JUN.2022 22:05:03

802.11a mode, Power Spectral Density, 5825MHz



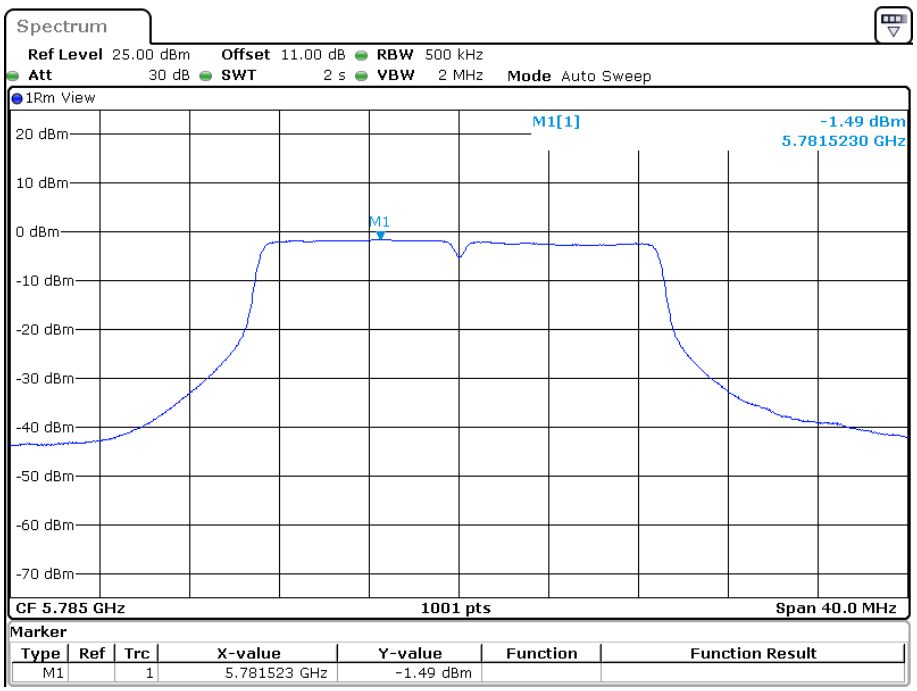
Date: 28.JUN.2022 22:07:33

802.11n20 mode, Power Spectral Density, 5745MHz



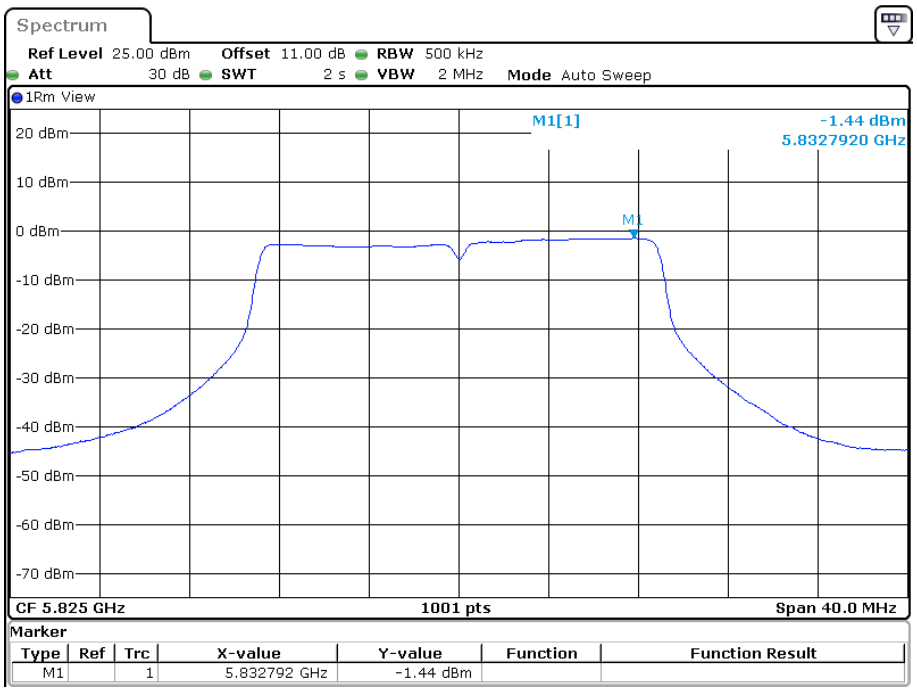
Date: 29.JUN.2022 00:03:42

802.11n20 mode, Power Spectral Density, 5785MHz



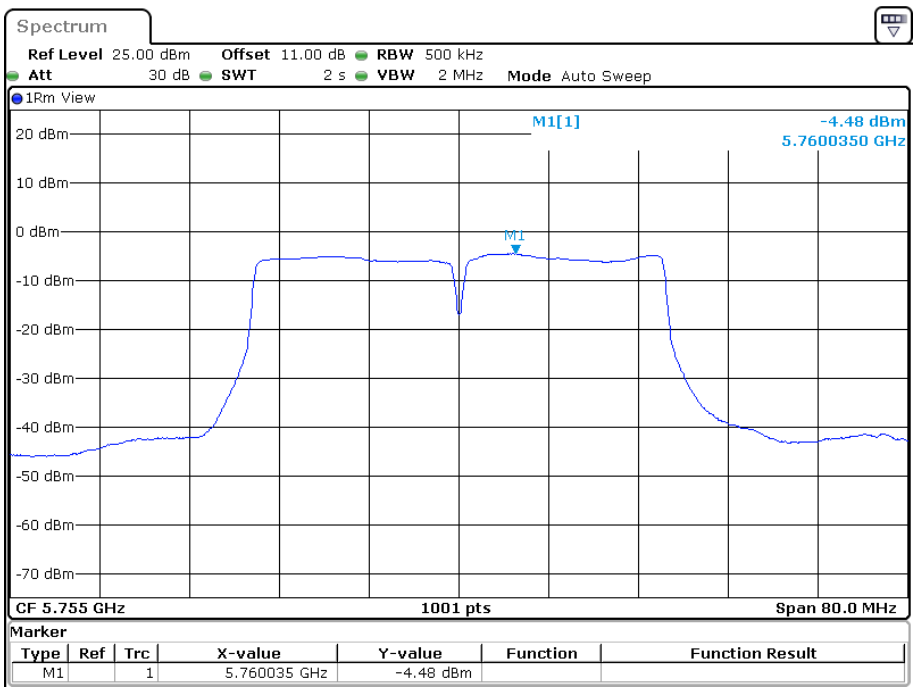
Date: 29.JUN.2022 00:00:48

802.11n20 mode, Power Spectral Density, 5825MHz



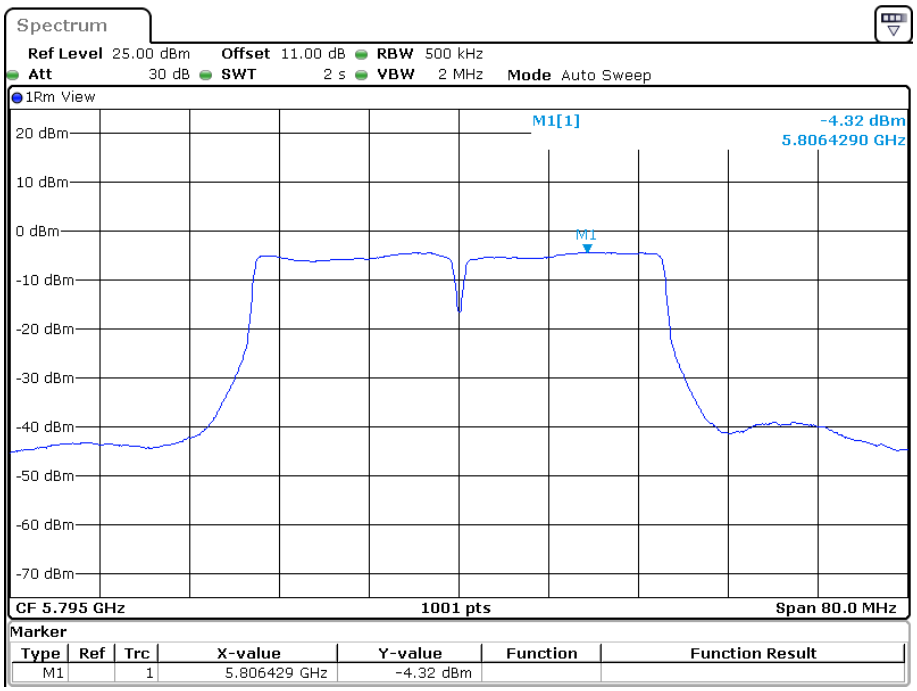
Date: 28.JUN.2022 23:57:49

802.11n40 mode, Power Spectral Density, 5755MHz



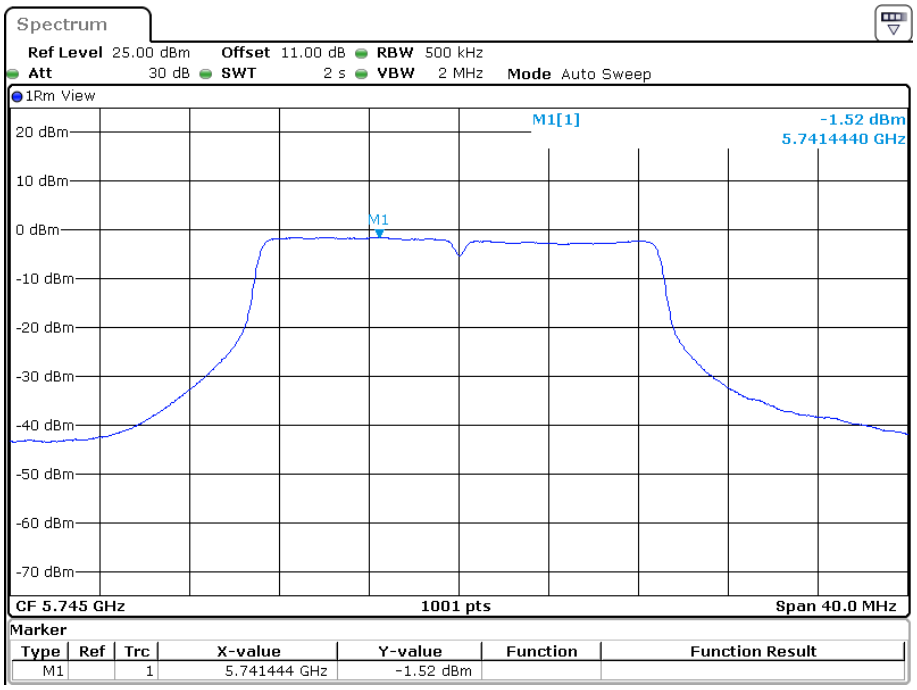
Date: 29.JUN.2022 00:49:07

802.11n40 mode, Power Spectral Density, 5795MHz



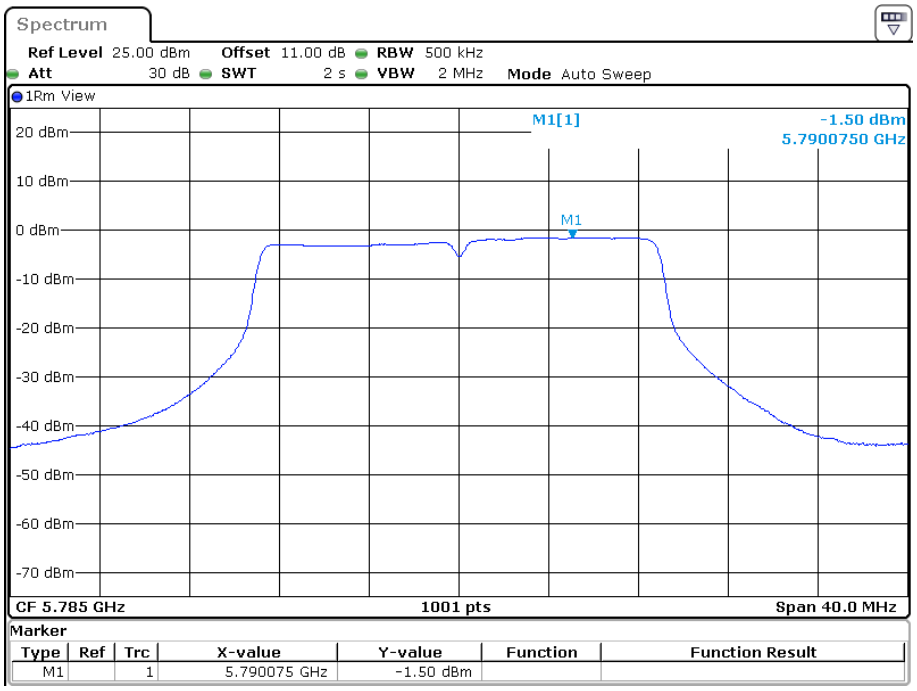
Date: 29.JUN.2022 00:51:39

802.11ac20 mode, Power Spectral Density, 5745 MHz



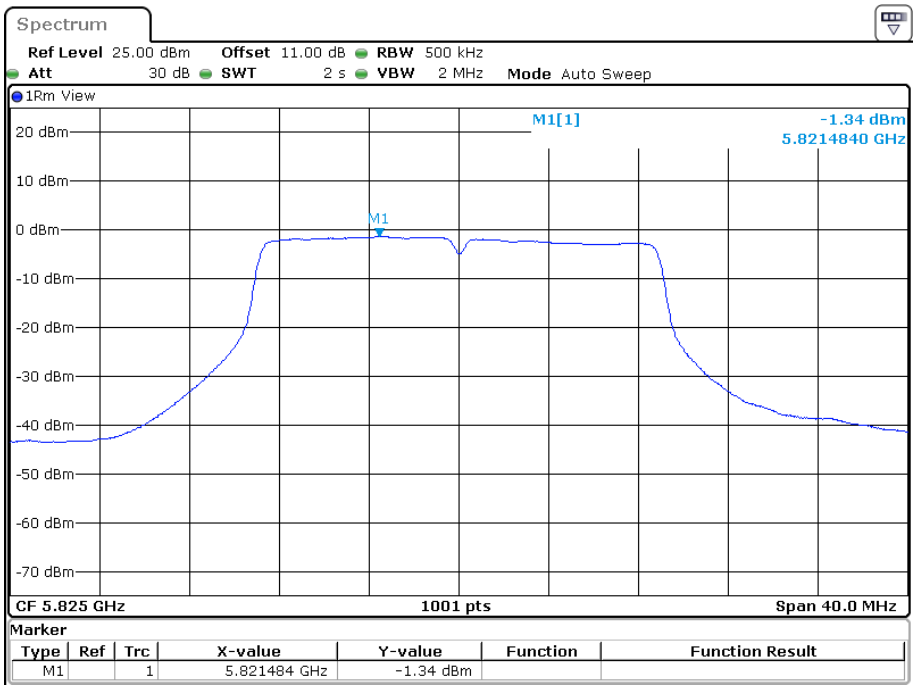
Date: 29.JUN.2022 23:11:57

802. 11ac20 mode, Power Spectral Density, 5785MHz



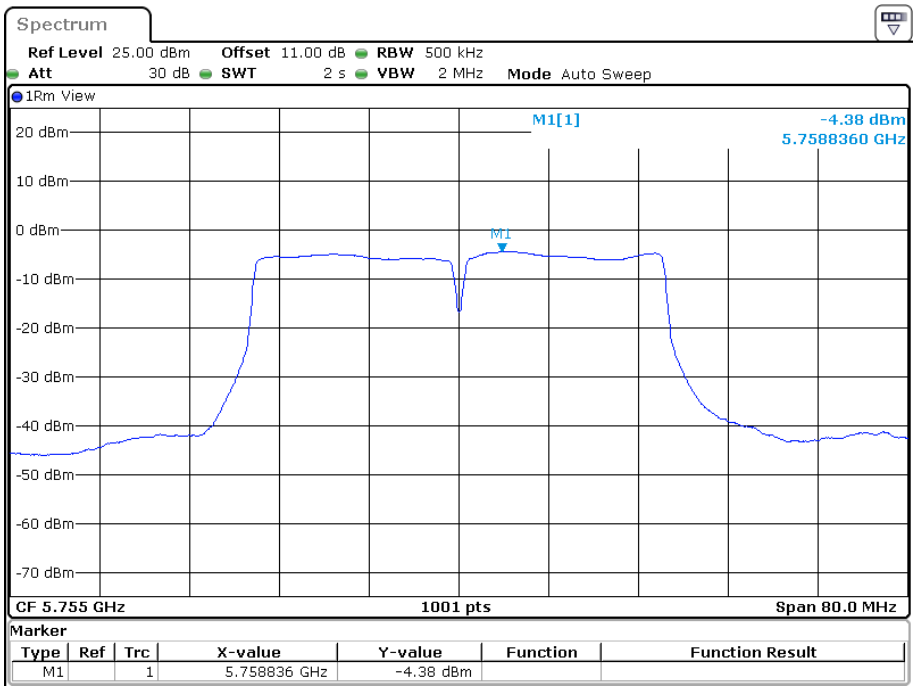
Date: 29.JUN.2022 23:14:21

802. 11ac20 mode, Power Spectral Density, 5825MHz



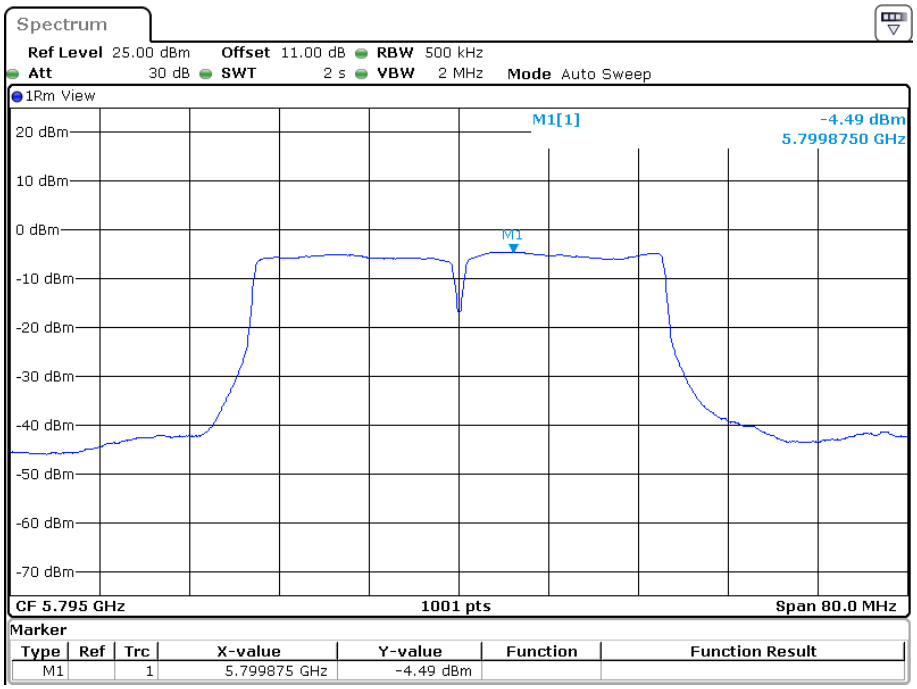
Date: 29.JUN.2022 23:16:53

802. 11ac40 mode, Power Spectral Density, 5755MHz



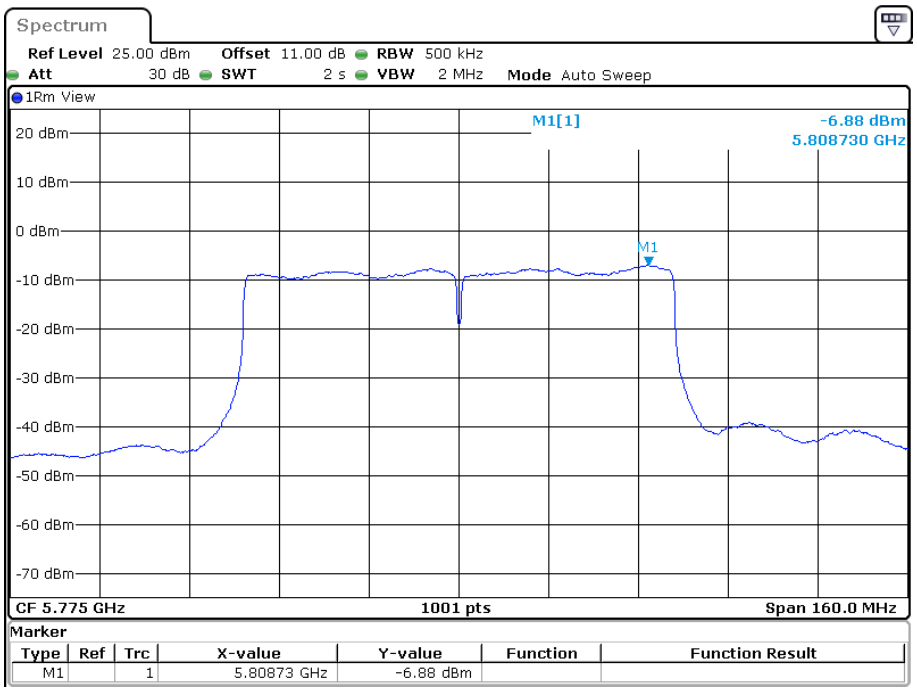
Date: 30.JUN.2022 00:23:27

802. 11ac40 mode, Power Spectral Density,5795MHz



Date: 30.JUN.2022 00:21:01

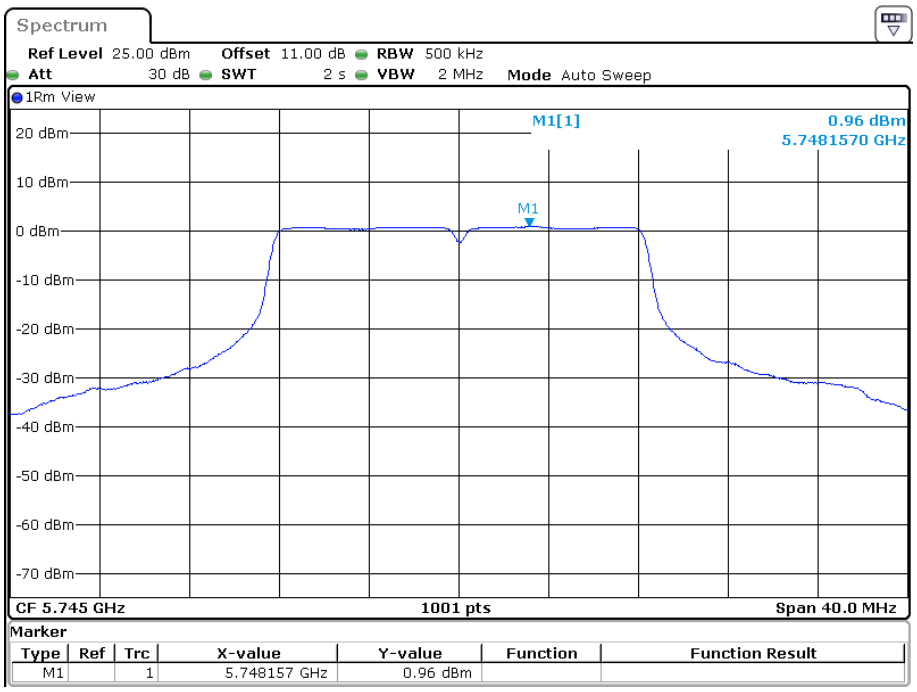
802. 11ac80 mode, Power Spectral Density, 5775 MHz



Date: 30.JUN.2022 00:59:56

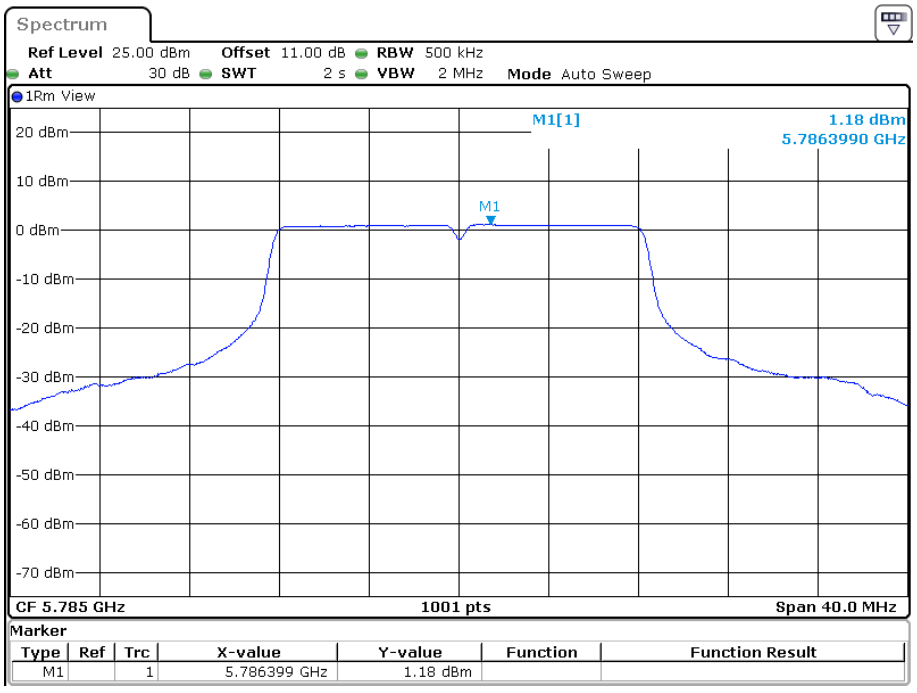
ANT1:

802.11a mode, Power Spectral Density, 5745MHz



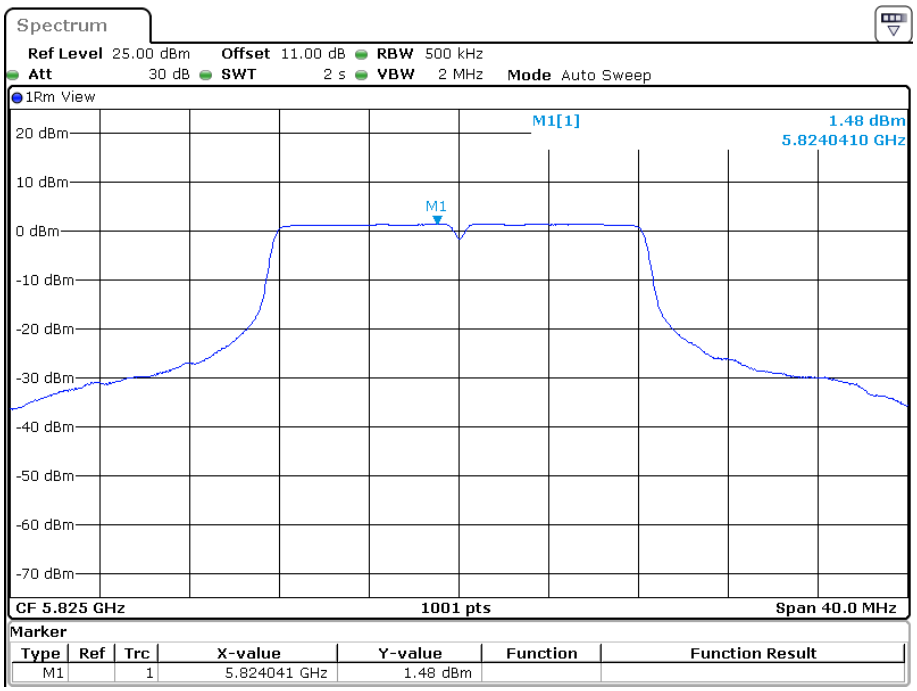
Date: 28.JUN.2022 23:14:00

802.11a mode, Power Spectral Density, 5785MHz



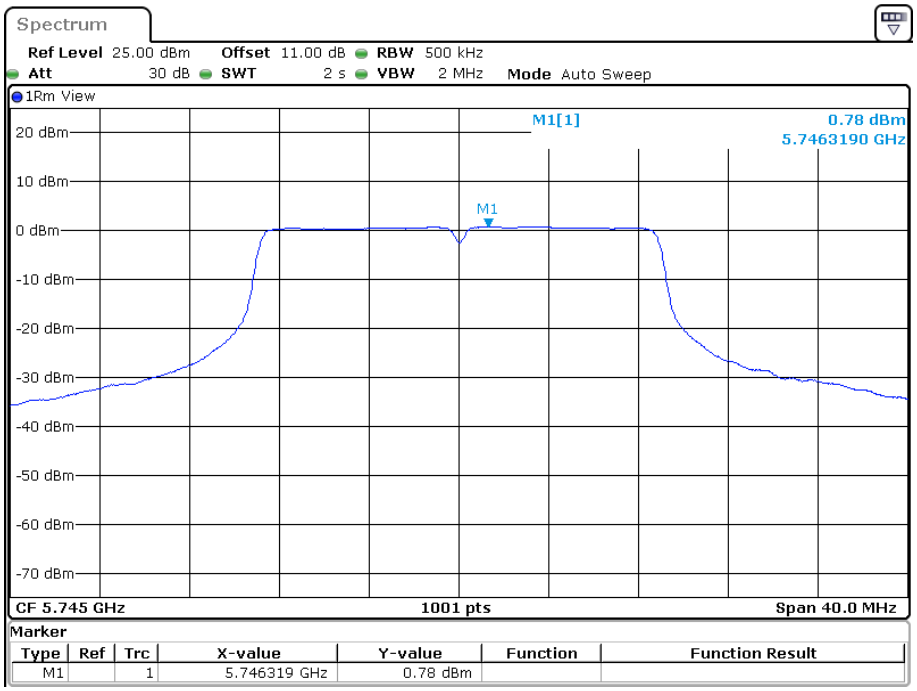
Date: 28.JUN.2022 23:16:28

802.11a mode, Power Spectral Density, 5825MHz



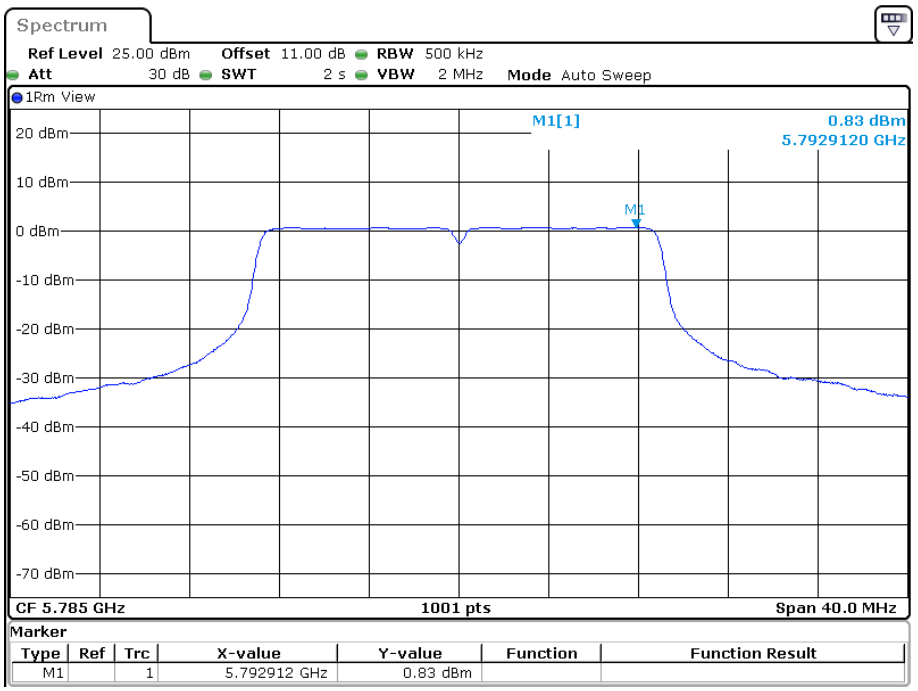
Date: 28.JUN.2022 23:18:52

802.11n20 mode, Power Spectral Density, 5745MHz



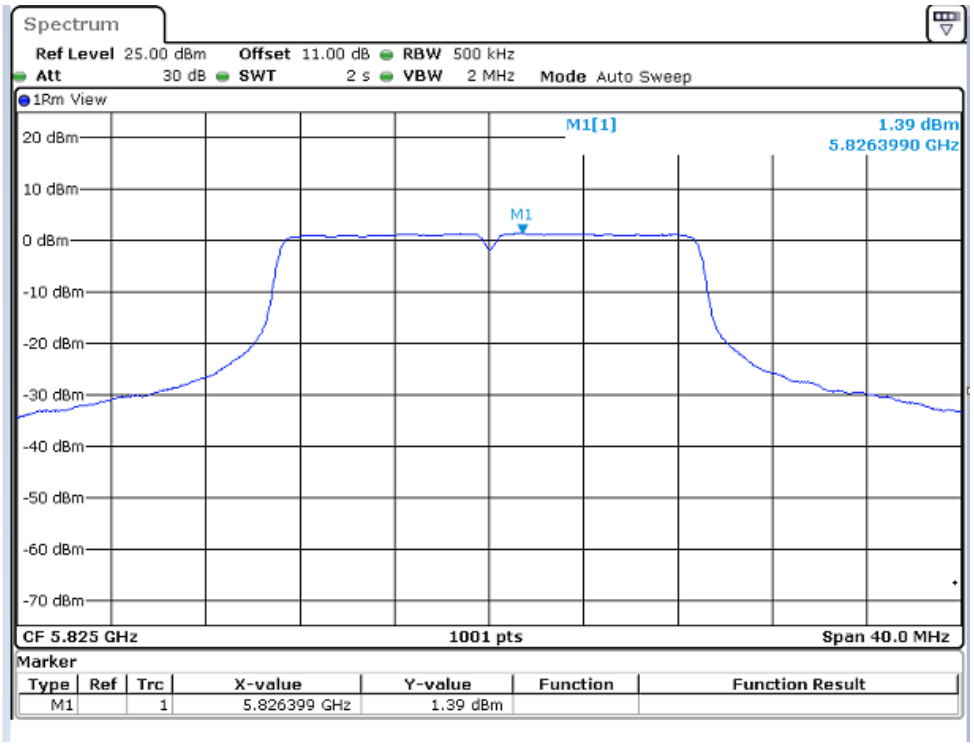
Date: 28.JUN.2022 23:50:13

802.11n20 mode, Power Spectral Density, 5785MHz

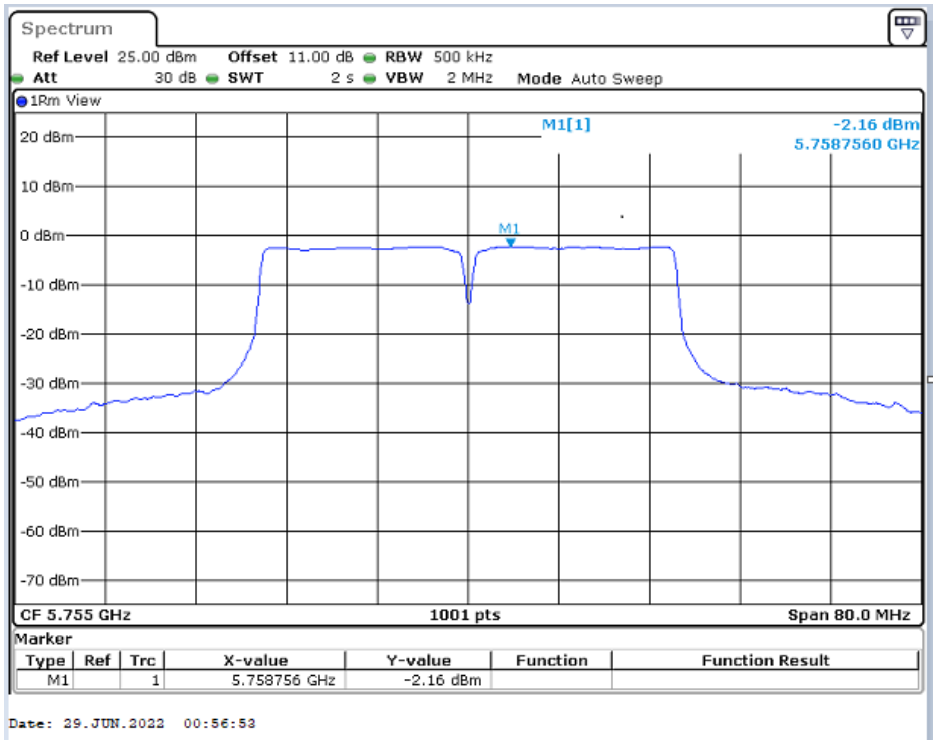


Date: 28.JUN.2022 23:52:39

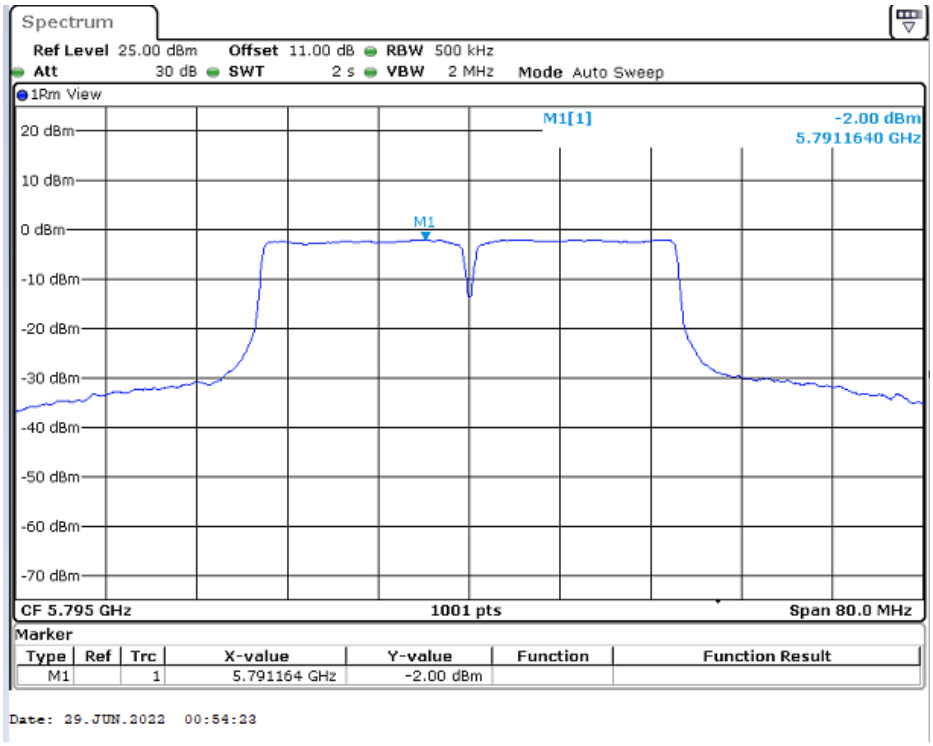
802.11n20 mode, Power Spectral Density, 5825MHz



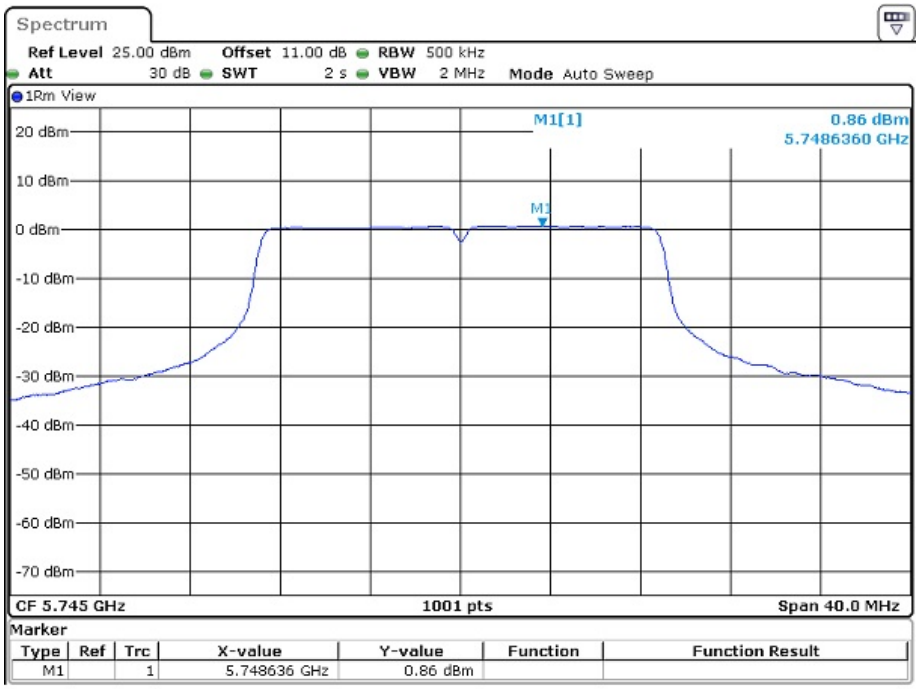
802.11n40 mode, Power Spectral Density, 5755MHz



802.11n40 mode, Power Spectral Density, 5795MHz

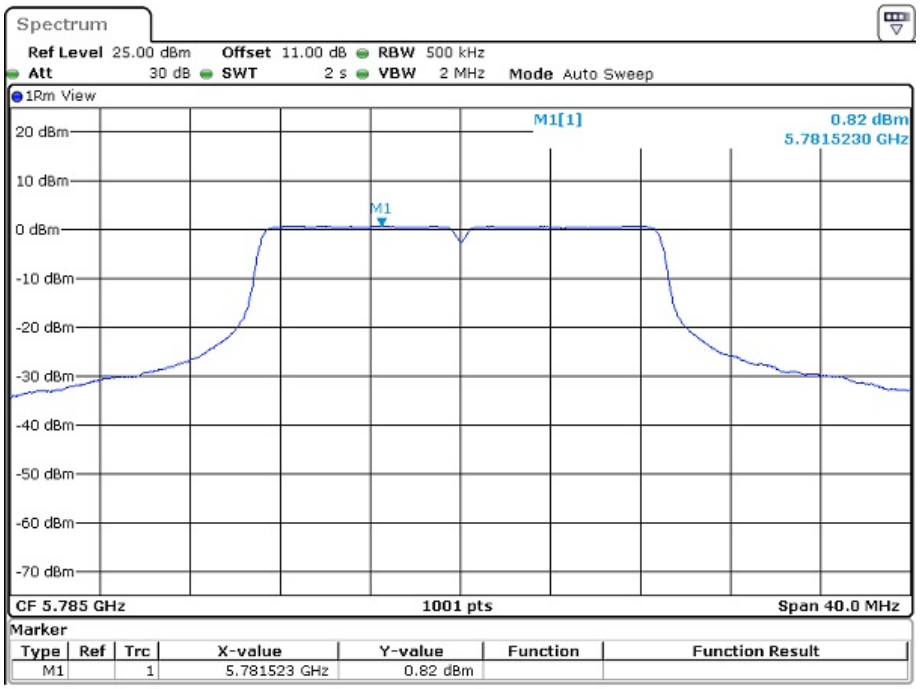


802.11ac20 mode, Power Spectral Density, 5745 MHz



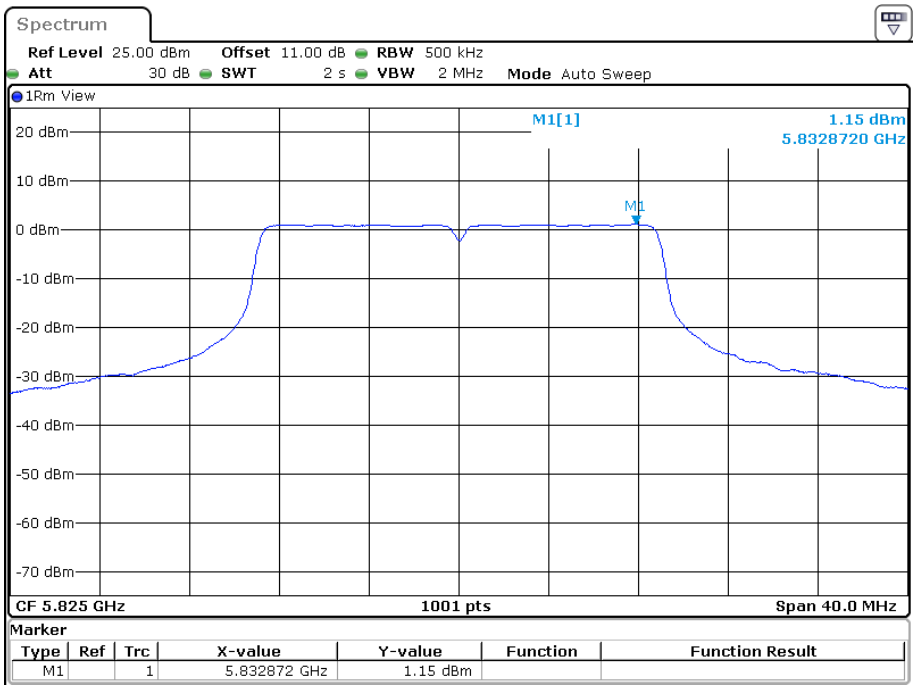
Date: 29.JUN.2022 23:24:39

802. 11ac20 mode, Power Spectral Density, 5785MHz



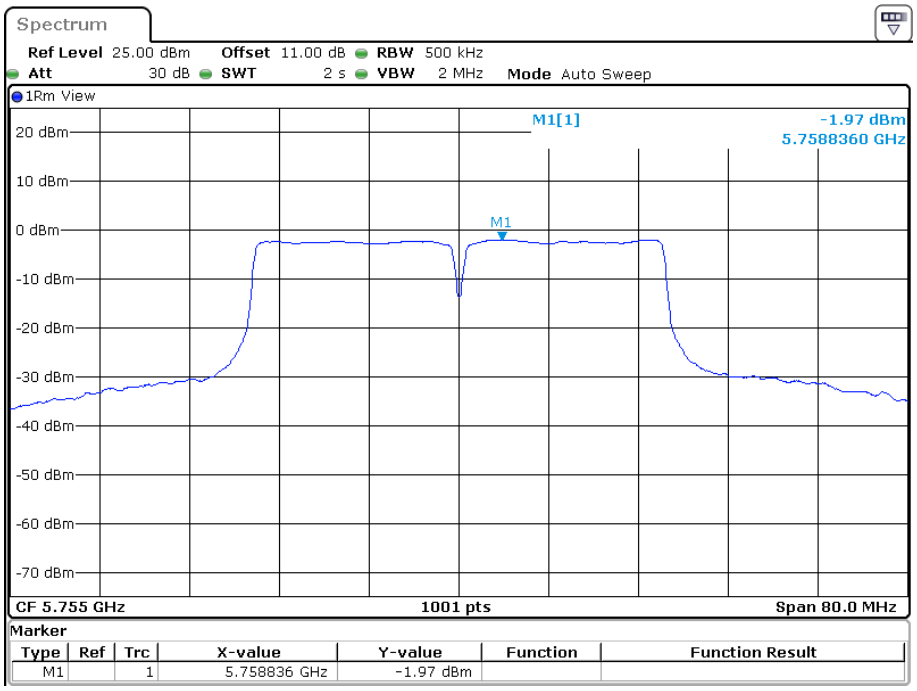
Date: 29.JUN.2022 23:22:13

802. 11ac20 mode, Power Spectral Density, 5825MHz



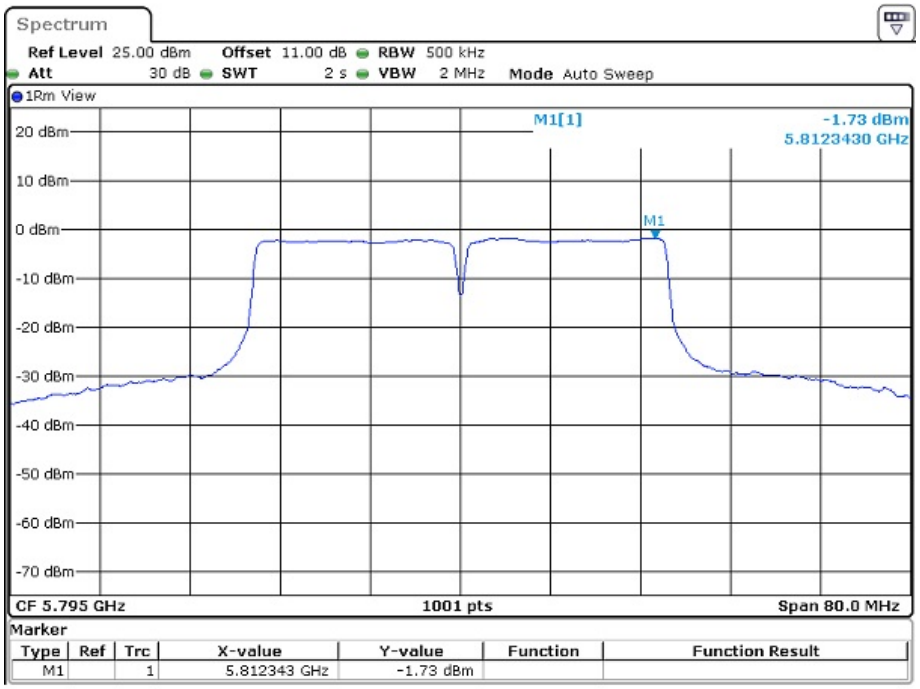
Date: 29.JUN.2022 23:19:37

802. 11ac40 mode, Power Spectral Density, 5755MHz



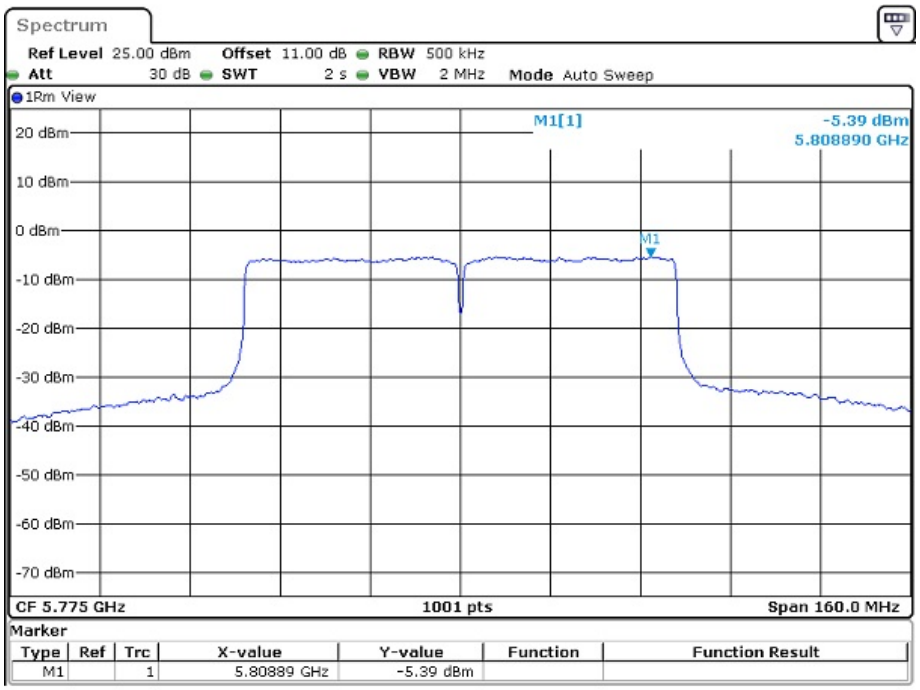
Date: 30.JUN.2022 00:15:07

802. 11ac40 mode, Power Spectral Density,5795MHz



Date: 30.JUN.2022 00:17:38

802. 11ac80 mode, Power Spectral Density, 5775 MHz



Date: 30.JUN.2022 01:02:39

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