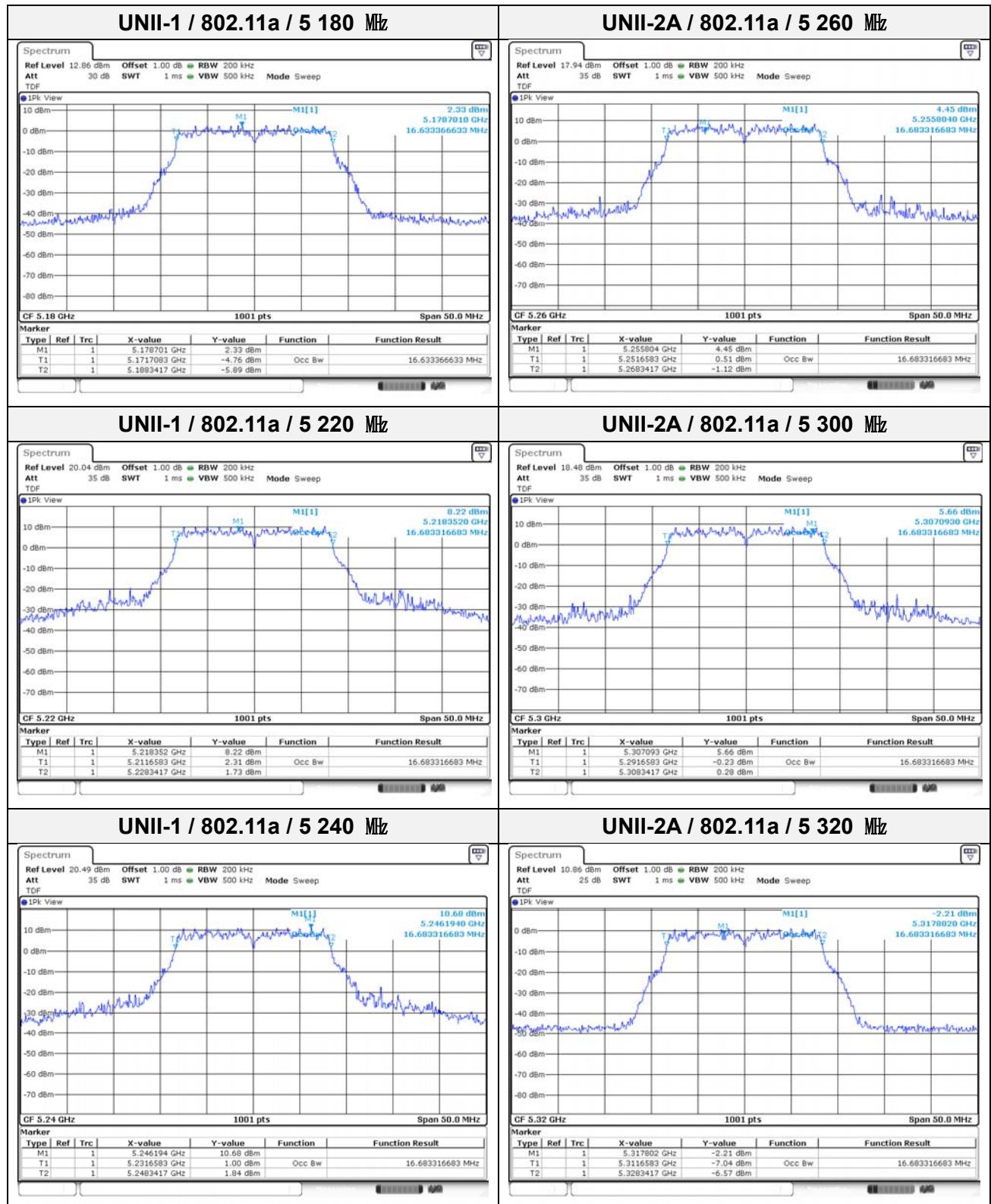
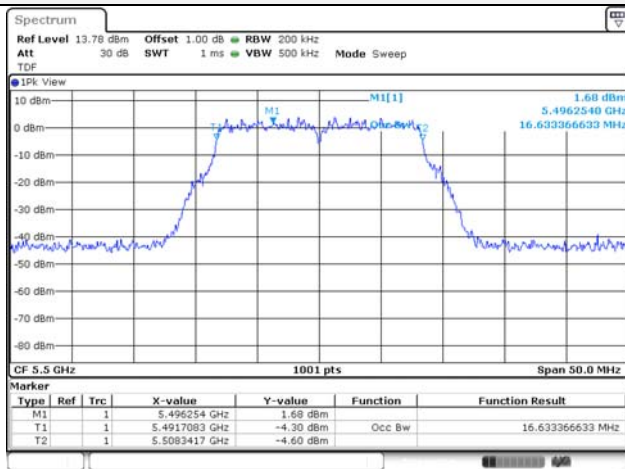


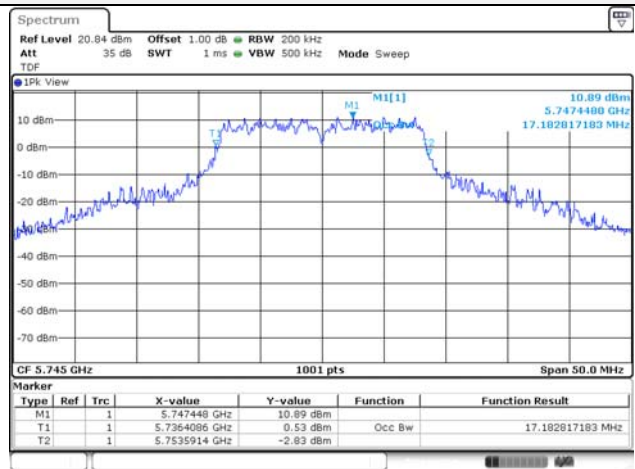
SISO ANT 3



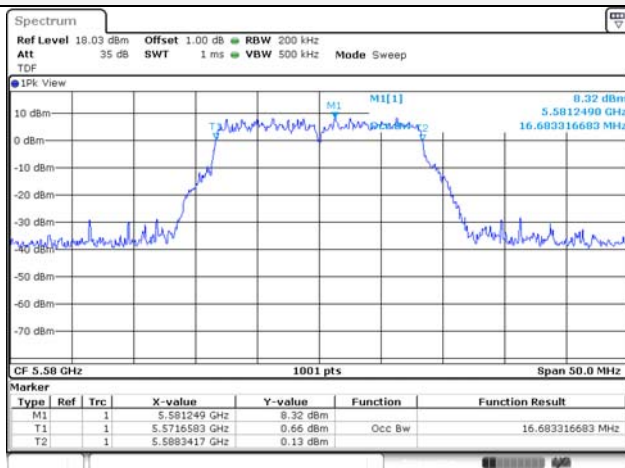
UNII-2C / 802.11a / 5 500 MHz



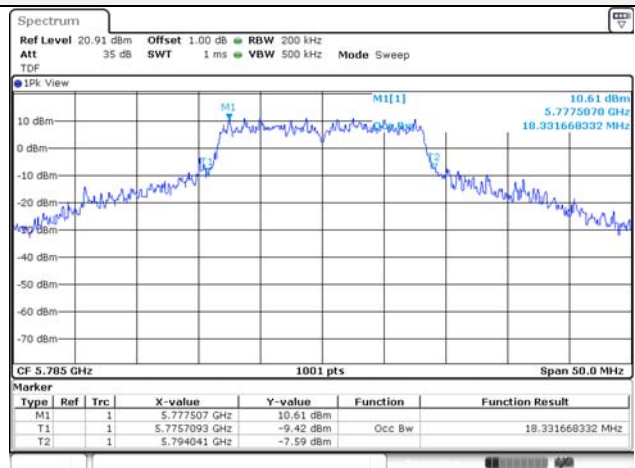
UNII-3 / 802.11a / 5 745 MHz



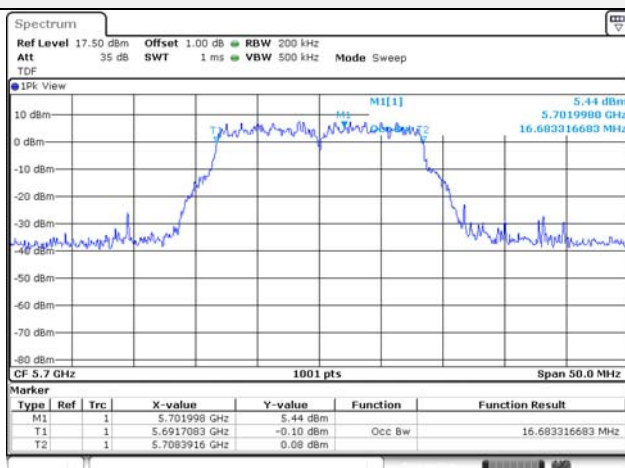
UNII-2C / 802.11a / 5 580 MHz



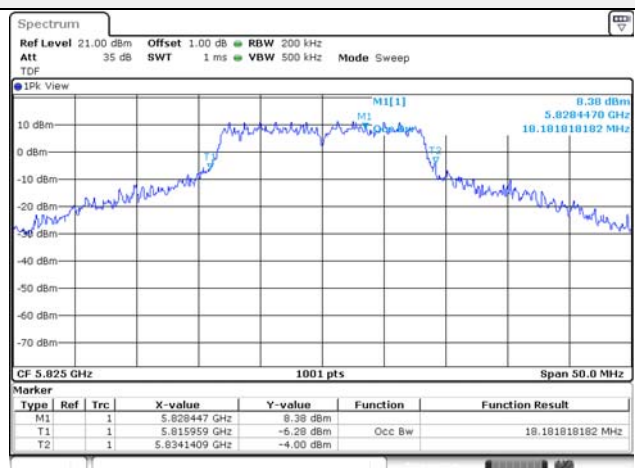
UNII-3 / 802.11a / 5 785 MHz



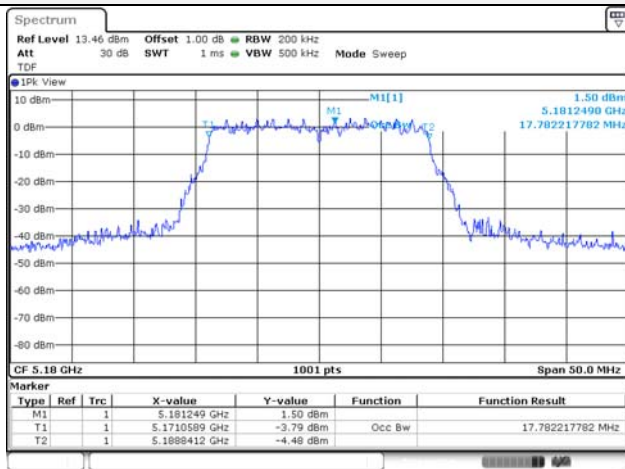
UNII-2C / 802.11a / 5 700 MHz



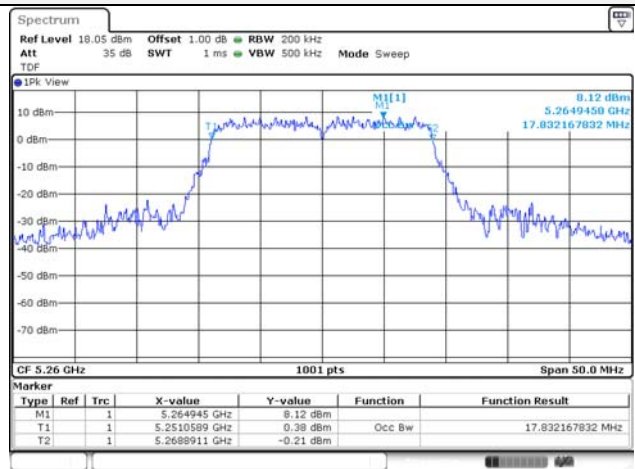
UNII-3 / 802.11a / 5 825 MHz



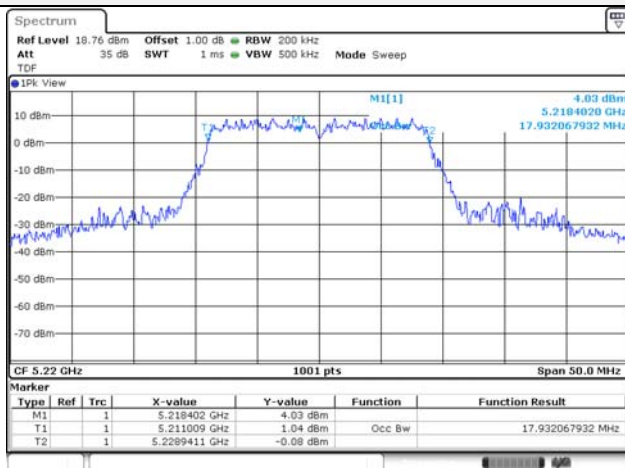
UNII-1 / 802.11n HT20 / 5 180 MHz



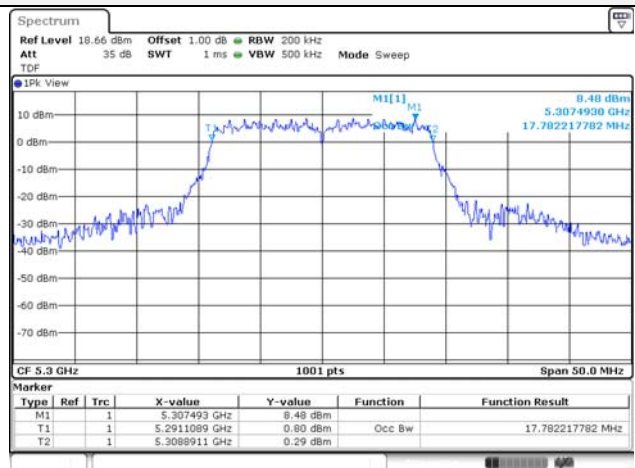
UNII-2A / 802.11n HT20 / 5 260 MHz



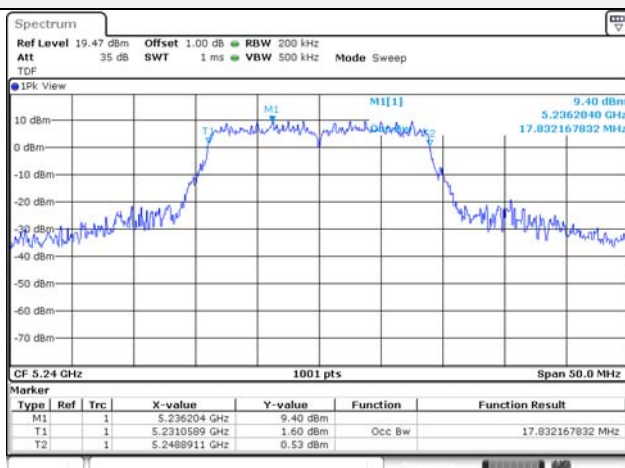
UNII-1 / 802.11n HT20 / 5 220 MHz



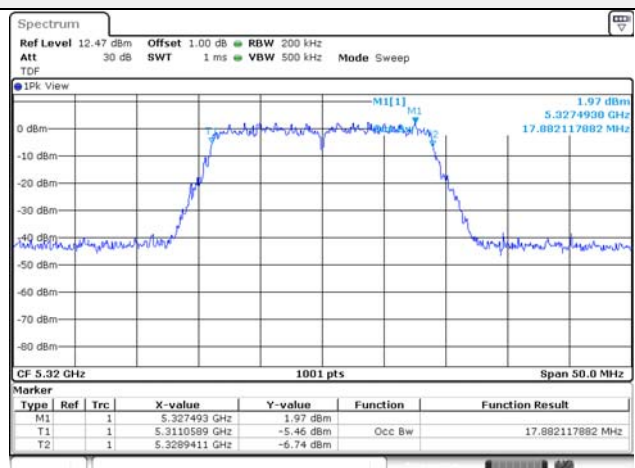
UNII-2A / 802.11n HT20 / 5 300 MHz



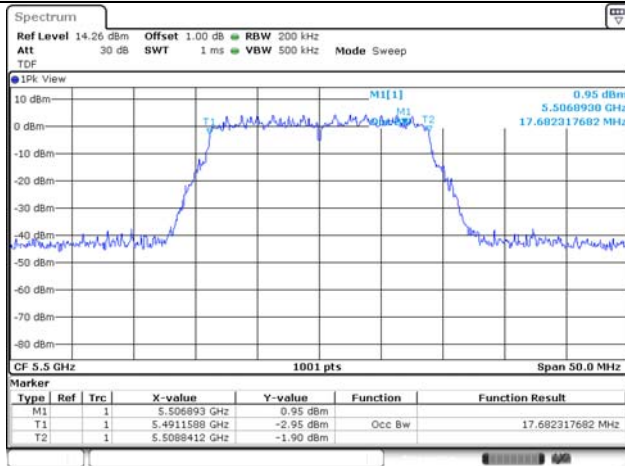
UNII-1 / 802.11n HT20 / 5 240 MHz



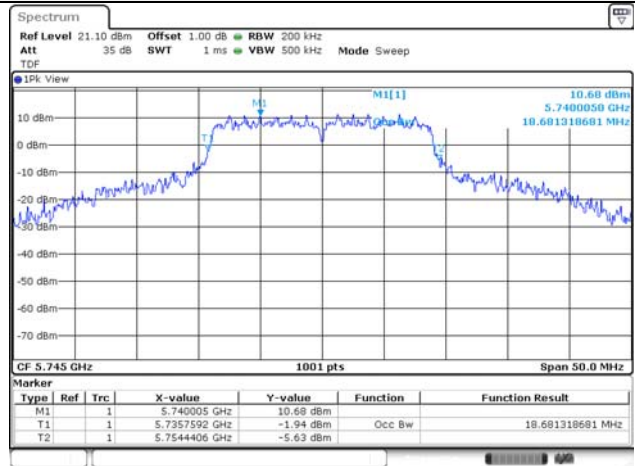
UNII-2A / 802.11n HT20 / 5 320 MHz



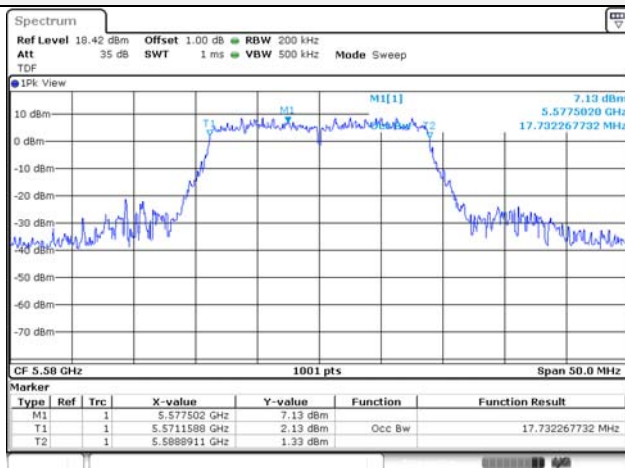
UNII-2C / 802.11n HT20 / 5 500 MHz



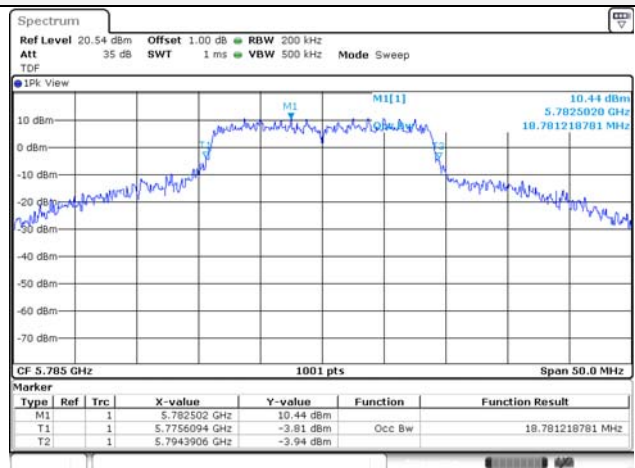
UNII-3 / 802.11n HT20 / 5 745 MHz



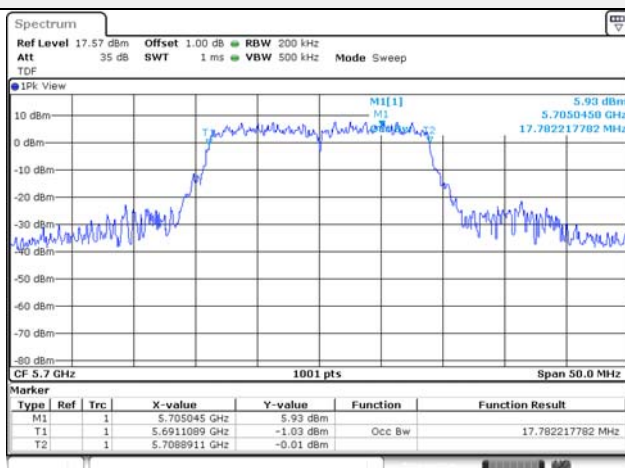
UNII-2C / 802.11n HT20 / 5 580 MHz



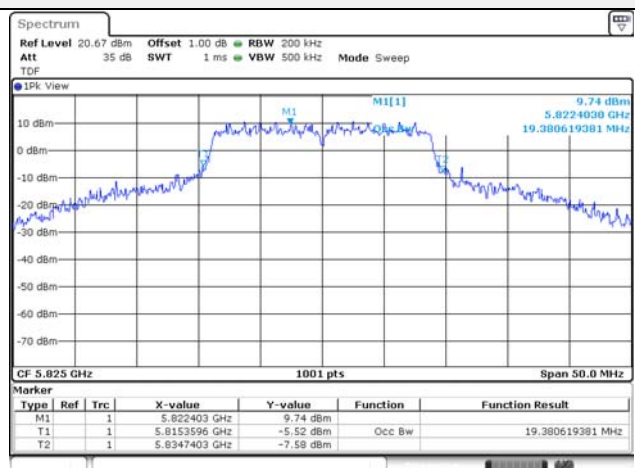
UNII-3 / 802.11n HT20 / 5 785 MHz



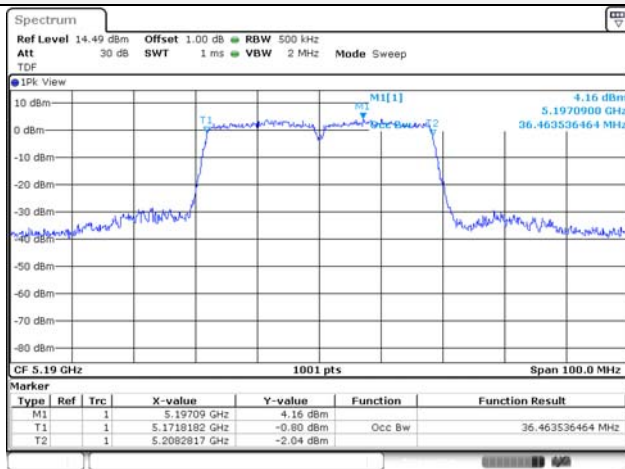
UNII-2C / 802.11n HT20 / 5 700 MHz



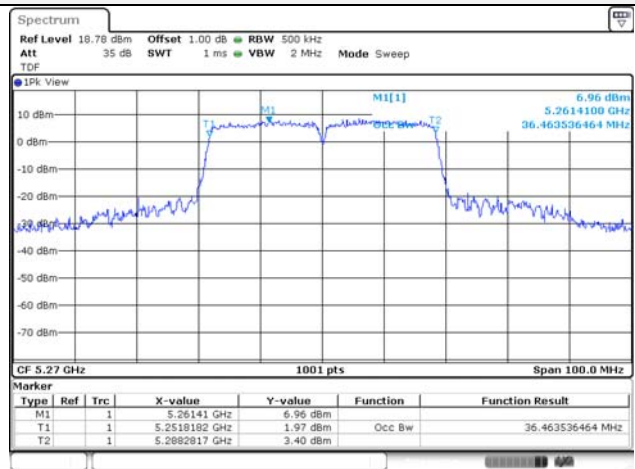
UNII-3 / 802.11n HT20 / 5 825 MHz



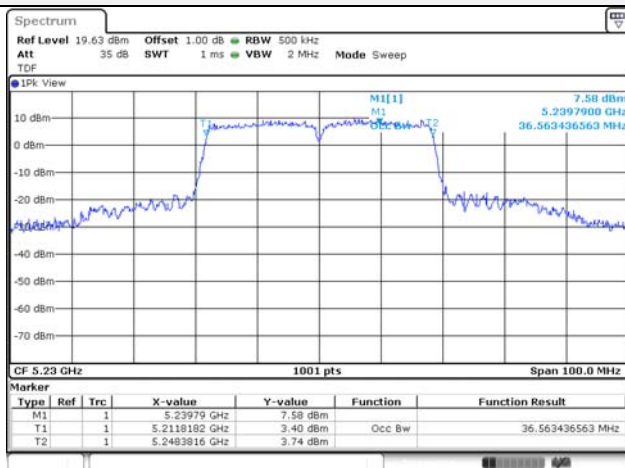
UNII-1 / 802.11n HT40 / 5 190 MHz



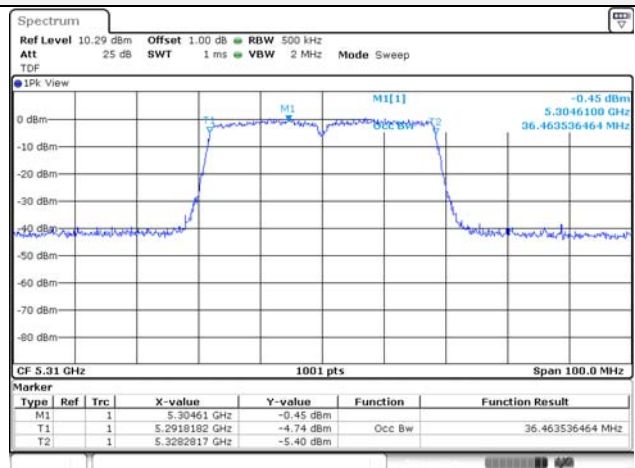
UNII-2A / 802.11n HT40 / 5 270 MHz



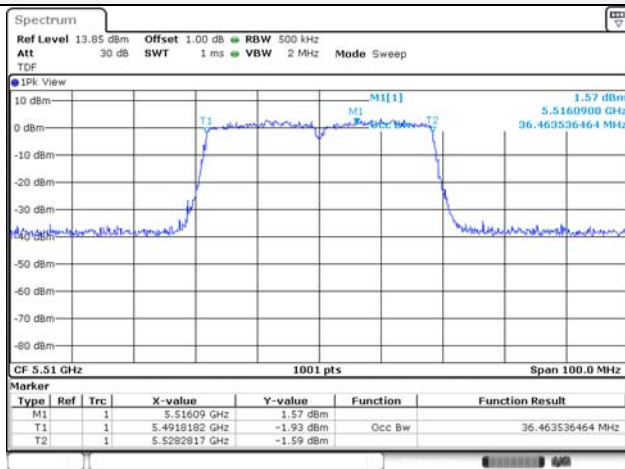
UNII-1 / 802.11n HT40 / 5 230 MHz



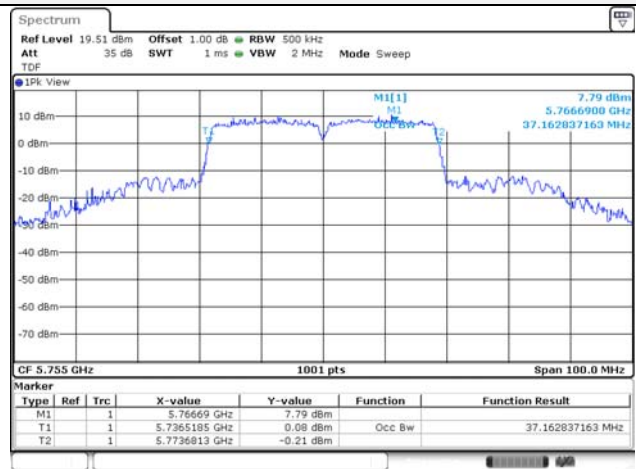
UNII-2A / 802.11n HT40 / 5 310 MHz



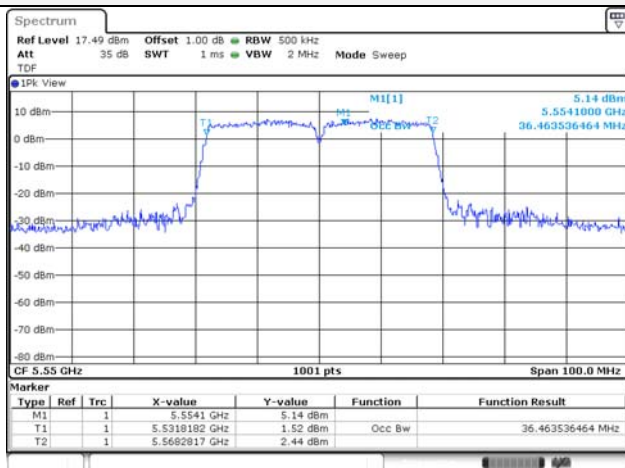
UNII-2C / 802.11n HT40 / 5 510 MHz



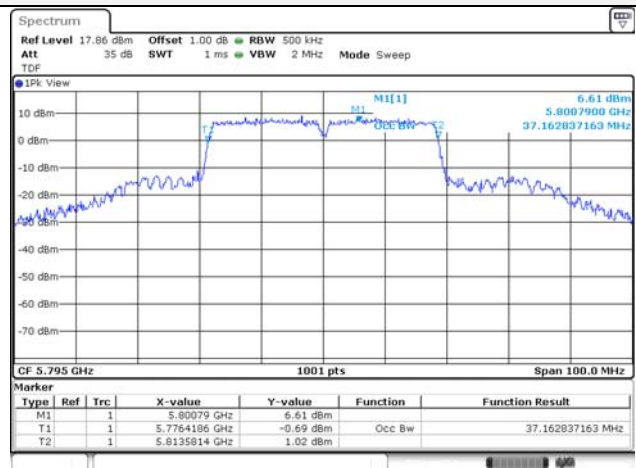
UNII-3 / 802.11n HT40 / 5 755 MHz



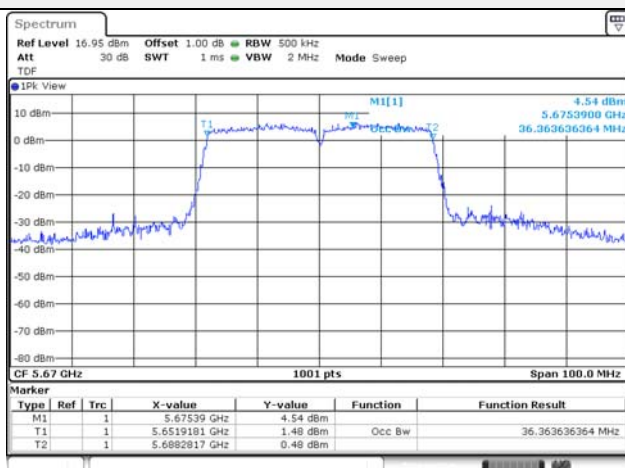
UNII-2C / 802.11n HT40 / 5 550 MHz



UNII-3 / 802.11n HT40 / 5 795 MHz

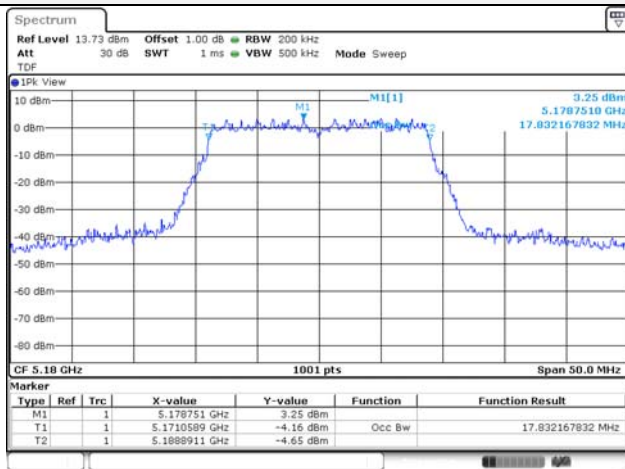


UNII-2C / 802.11n HT40 / 5 670 MHz

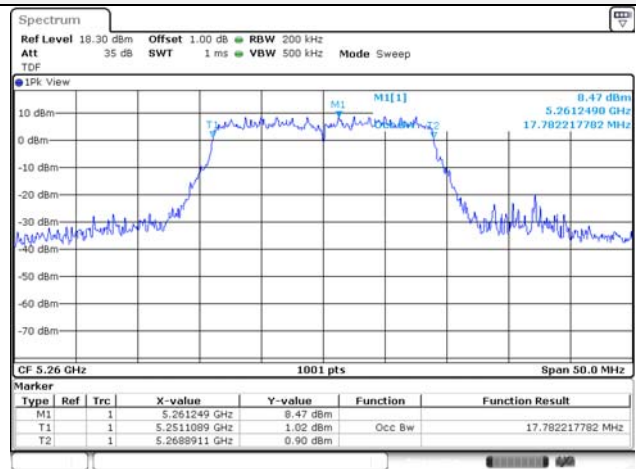


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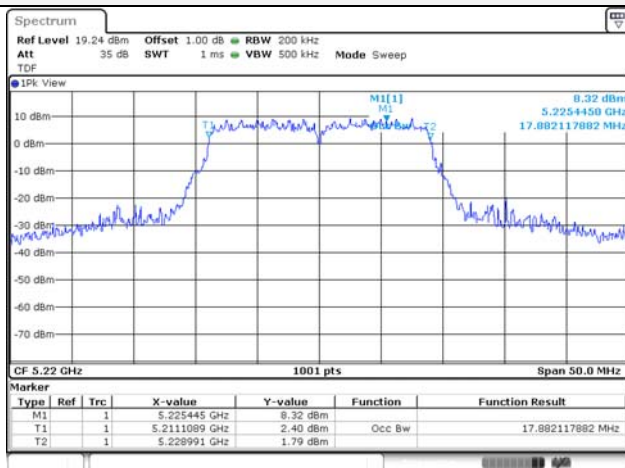
UNII-1 / 802.11ac VHT20 / 5 180 MHz



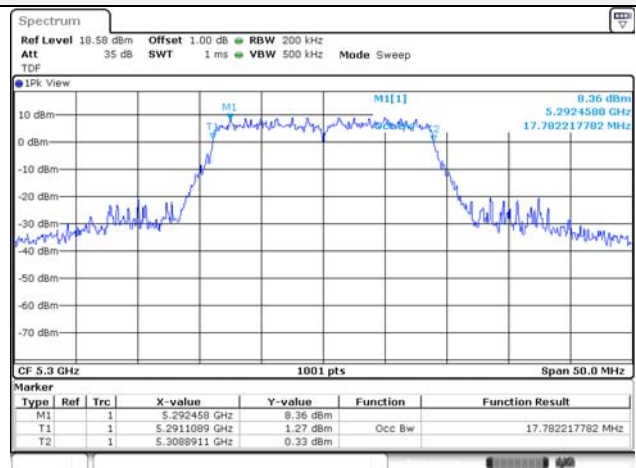
UNII-2A / 802.11ac VHT20 / 5 260 MHz



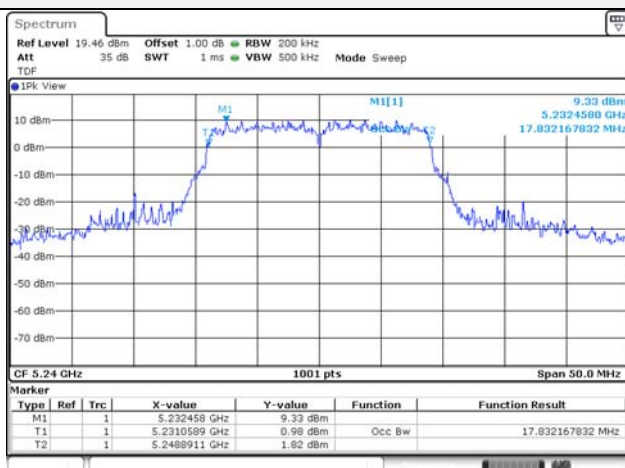
UNII-1 / 802.11ac VHT20 / 5 220 MHz



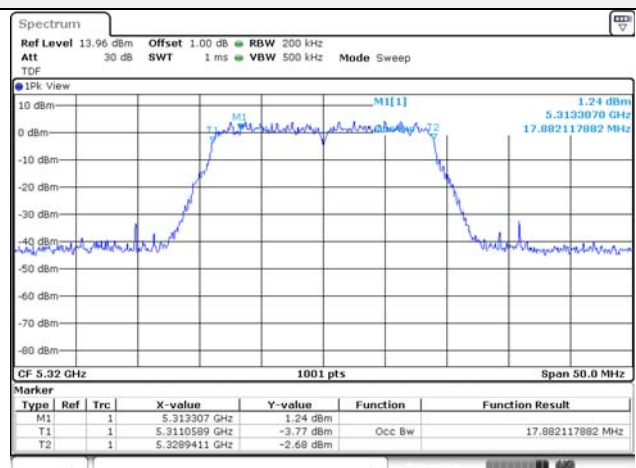
UNII-2A / 802.11ac VHT20 / 5 300 MHz



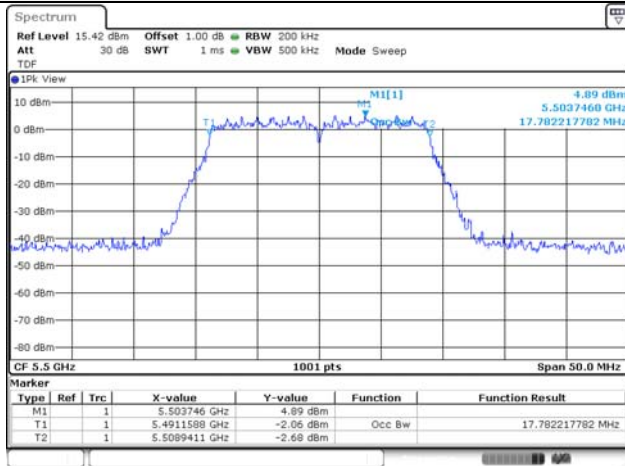
UNII-1 / 802.11ac VHT20 / 5 240 MHz



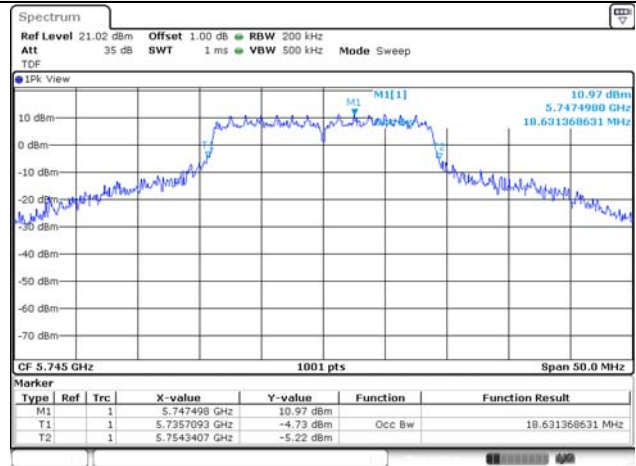
UNII-2A / 802.11ac VHT20 / 5 320 MHz



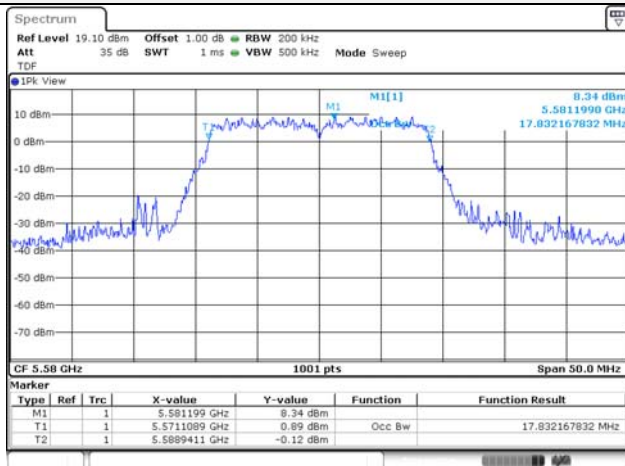
UNII-2C / 802.11ac VHT20 / 5 500 MHz



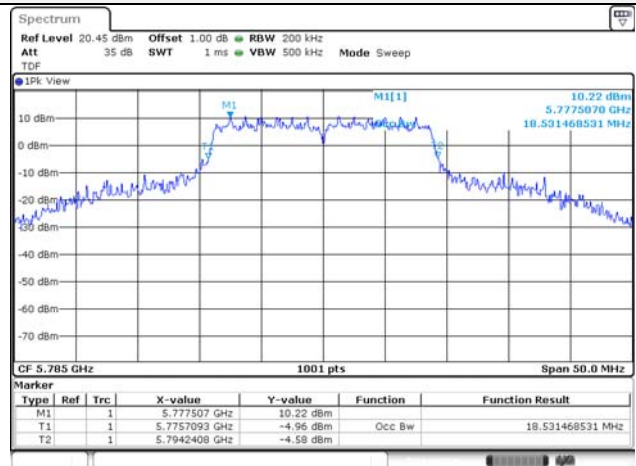
UNII-3 / 802.11ac VHT20 / 5 745 MHz



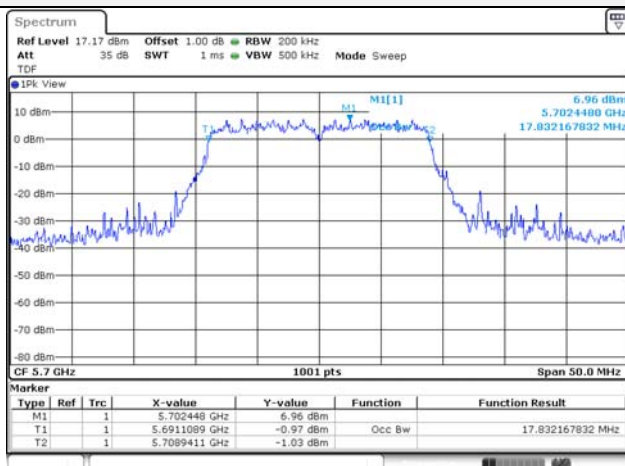
UNII-2C / 802.11ac VHT20 / 5 580 MHz



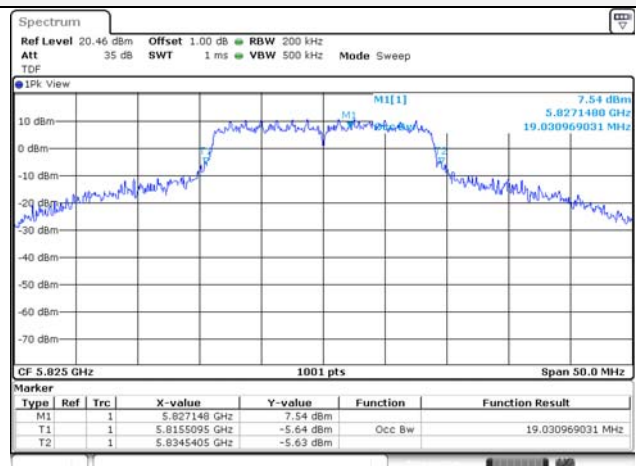
UNII-3 / 802.11ac VHT20 / 5 785 MHz



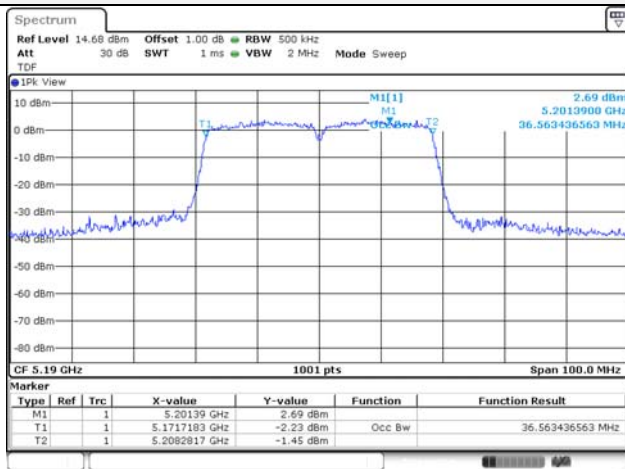
UNII-2C / 802.11ac VHT20 / 5 700 MHz



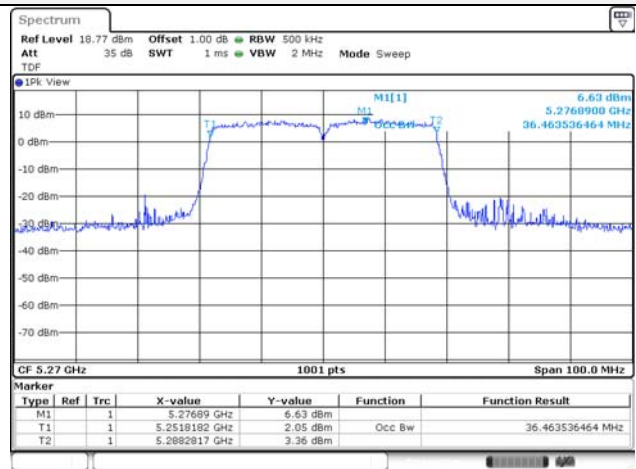
UNII-3 / 802.11ac VHT20 / 5 825 MHz



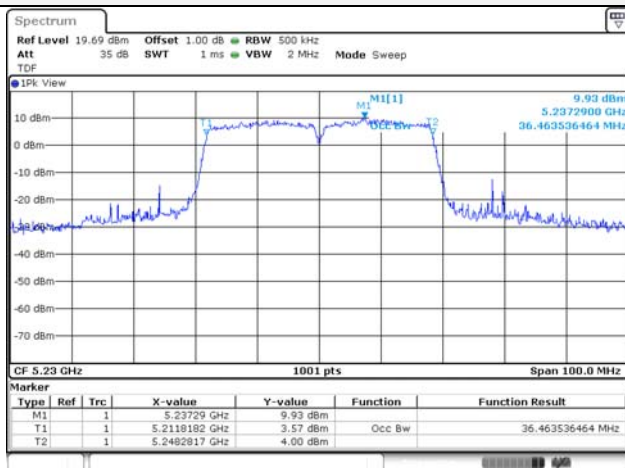
UNII-1 / 802.11ac VHT40 / 5 190 MHz



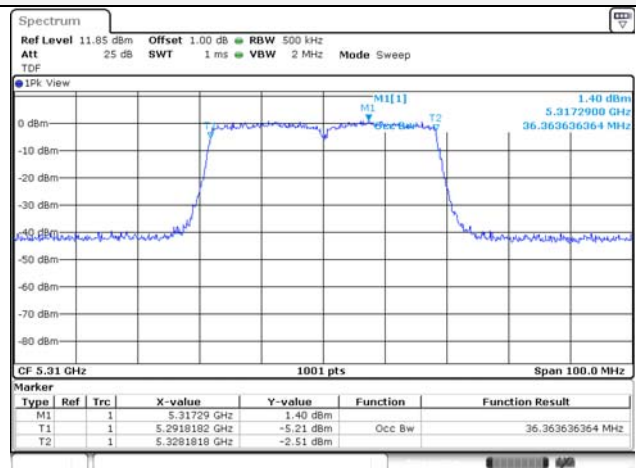
UNII-2A / 802.11ac VHT40 / 5 270 MHz



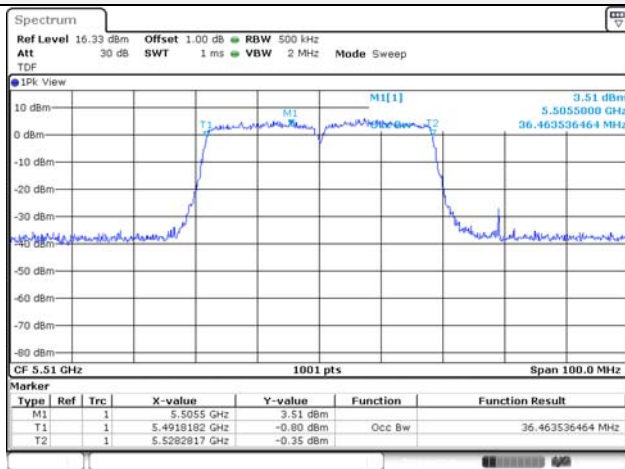
UNII-1 / 802.11ac VHT40 / 5 230 MHz



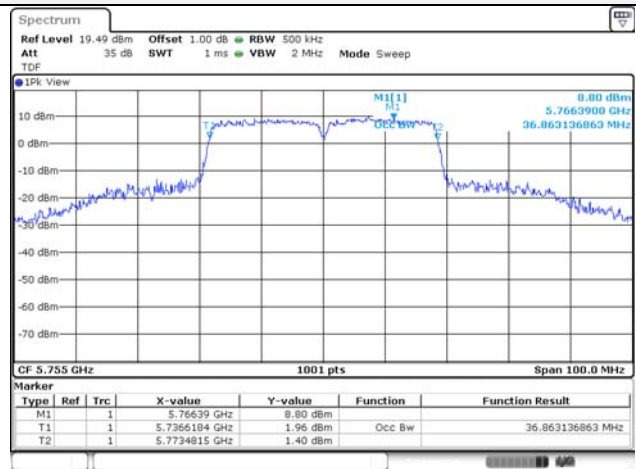
UNII-2A / 802.11ac VHT40 / 5 310 MHz



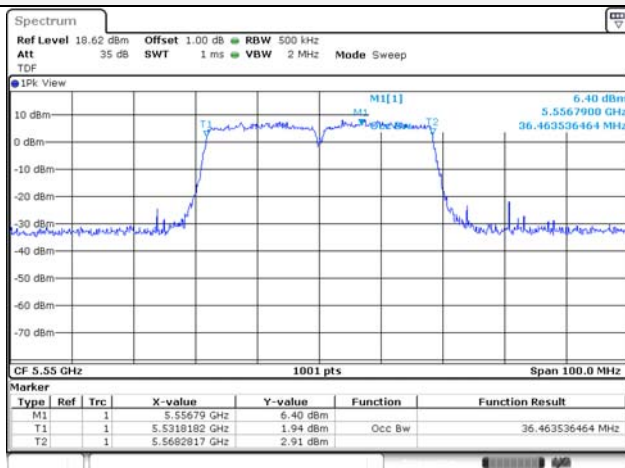
UNII-2C / 802.11ac VHT40 / 5 510 MHz



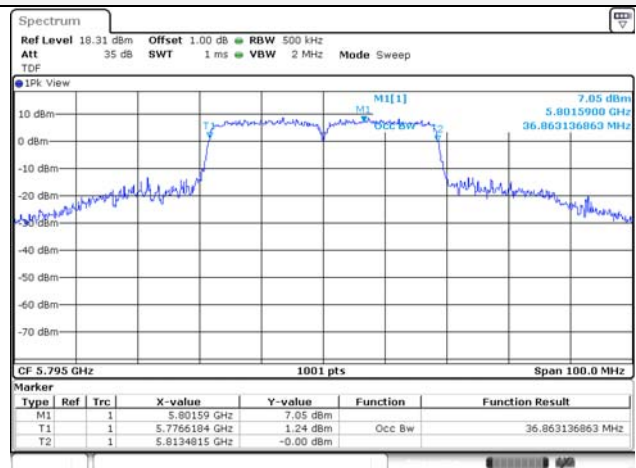
UNII-3 / 802.11ac VHT40 / 5 755 MHz



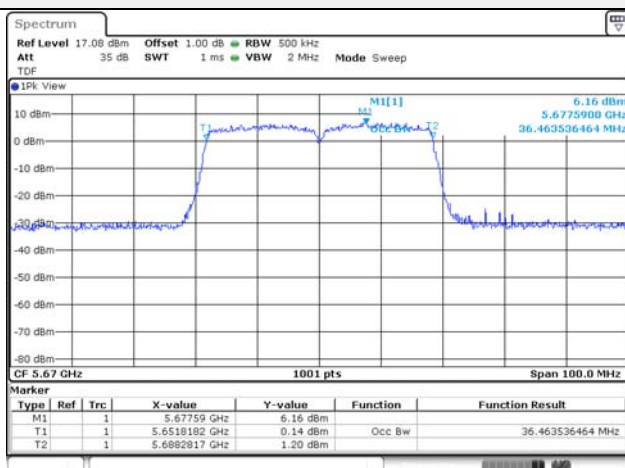
UNII-2C / 802.11ac VHT40 / 5 550 MHz



UNII-3 / 802.11ac VHT40 / 5 795 MHz

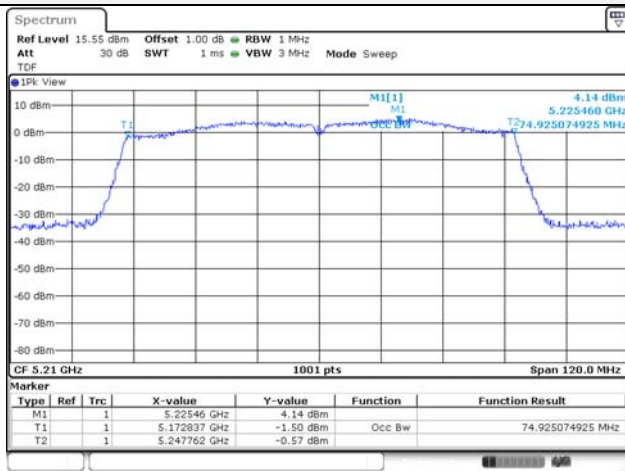


UNII-2C / 802.11ac VHT40 / 5 670 MHz

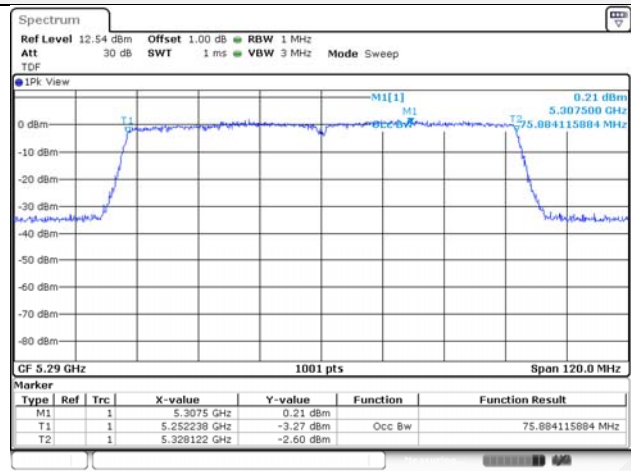


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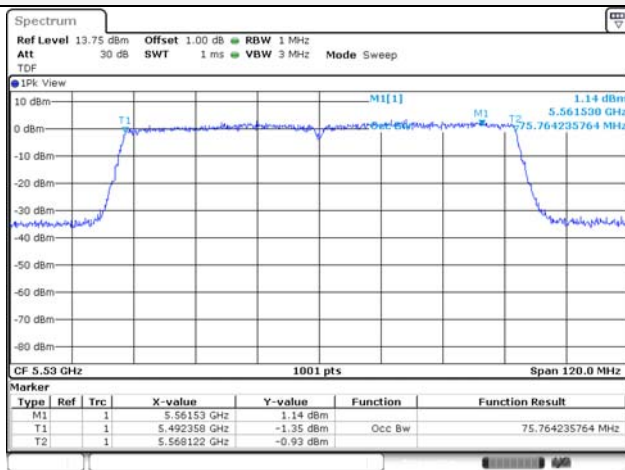
UNII-1 / 802.11ac VHT80 / 5 210 MHz



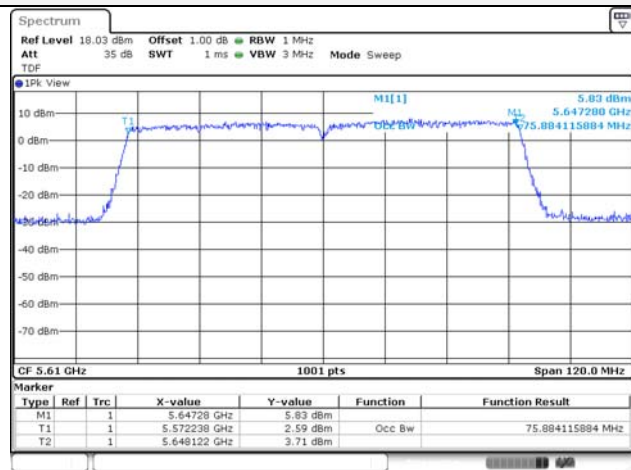
UNII-2A / 802.11ac VHT80 / 5 290 MHz



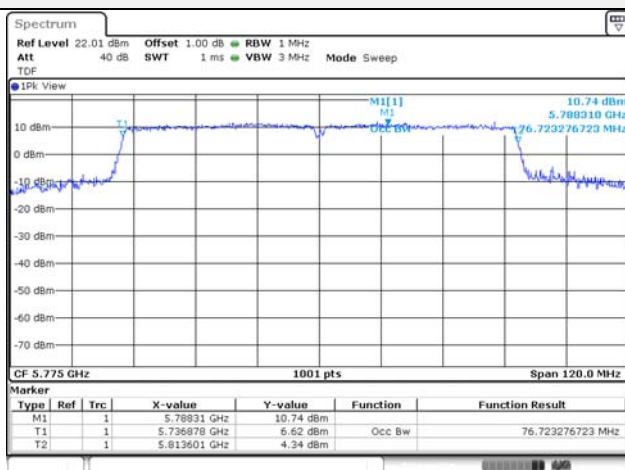
UNII-2C / 802.11ac VHT80 / 5 530 MHz



UNII-2C / 802.11ac VHT80 / 5 610 MHz



UNII-3 / 802.11ac VHT80 / 5 775 MHz



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MIMO

26dB Bandwidth

Test mode	Band	Frequency(MHz)	Measured Bandwidth ANT 0 (MHz)	Measured Bandwidth ANT 1 (MHz)	Measured Bandwidth ANT 2 (MHz)	Measured Bandwidth ANT 3 (MHz)
11a	UNII-1	5 180	20.68	21.18	20.68	20.38
		5 200	20.78	21.33	20.63	20.63
		5 240	20.83	21.18	20.88	20.58
	UNII-2A	5 260	20.88	21.03	20.83	20.43
		5 280	20.98	21.08	20.73	20.48
		5 320	20.73	21.13	20.83	20.58
	UNII-2C	5 500	20.88	21.23	20.98	20.43
		5 580	21.13	21.18	20.93	20.63
		5 700	21.18	21.13	20.93	20.38
11n HT20	UNII-1	5 180	21.48	21.18	21.28	20.93
		5 200	21.43	21.63	21.33	20.98
		5 240	21.13	21.33	21.38	20.98
	UNII-2A	5 260	21.28	21.23	21.18	20.98
		5 280	21.38	21.13	21.23	21.08
		5 320	21.28	21.23	21.18	21.13
	UNII-2C	5 500	21.58	21.28	21.43	21.18
		5 580	21.33	21.08	21.08	21.33
		5 700	21.38	20.83	21.13	21.13
11n HT40	UNII-1	5 190	40.06	39.96	39.86	39.86
		5 230	39.86	40.26	40.16	39.86
	UNII-2A	5 270	40.26	39.96	39.66	39.96
		5 310	40.16	39.76	39.66	39.96
	UNII-2C	5 510	40.16	39.56	39.96	39.86
		5 550	40.16	39.86	39.96	39.86
		5 670	40.26	39.66	39.96	39.86

Test mode	Band	Frequency(MHz)	Measured Bandwidth ANT 0 (MHz)	Measured Bandwidth ANT 1 (MHz)	Measured Bandwidth ANT 2 (MHz)	Measured Bandwidth ANT 3 (MHz)
11ac VHT20	UNII-1	5 180	21.53	21.38	20.93	20.93
		5 200	21.43	21.28	21.28	21.23
		5 240	21.23	21.53	21.08	21.33
	UNII-2A	5 260	21.43	21.28	21.33	21.33
		5 280	21.58	21.28	21.13	21.13
		5 320	21.38	21.13	21.33	21.03
	UNII-2C	5 500	21.43	21.43	21.43	21.18
		5 580	21.23	21.33	21.53	21.23
		5 700	21.23	21.23	21.23	21.33
11ac VHT40	UNII-1	5 190	40.26	39.86	40.16	40.26
		5 230	40.36	41.26	40.46	40.36
	UNII-2A	5 270	40.36	39.96	39.96	40.16
		5 310	40.16	40.16	39.86	40.36
	UNII-2C	5 510	39.96	40.06	39.86	40.26
		5 550	40.16	40.36	39.96	40.36
		5 670	40.16	40.06	39.86	40.56
11ac VHT80	UNII-1	5 210	81.40	80.92	80.80	80.32
	UNII-2A	5 290	82.36	82.00	81.40	81.40
	UNII-2C	5 530	81.88	82.00	81.28	81.64
		5 610	82.36	81.76	81.76	81.64

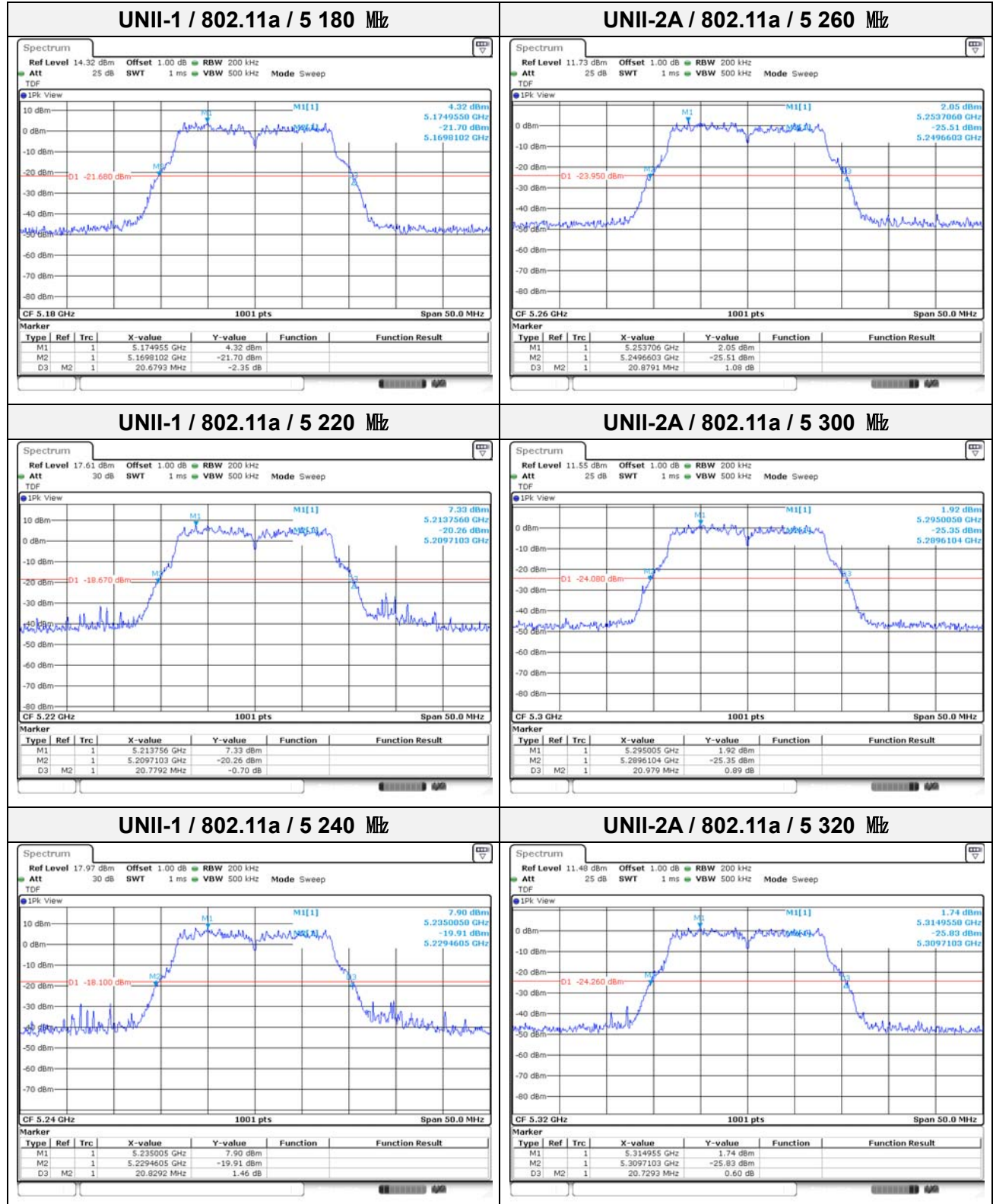
99% Bandwidth

Test mode	Band	Frequency(MHz)	Measured Bandwidth ANT 0 (MHz)	Measured Bandwidth ANT 1 (MHz)	Measured Bandwidth ANT 2 (MHz)	Measured Bandwidth ANT 3 (MHz)
11a	UNII-1	5 180	16.68	16.68	16.48	16.48
		5 200	16.73	16.73	16.48	16.53
		5 240	16.63	16.68	16.48	16.48
	UNII-2A	5 260	16.68	16.68	16.48	16.48
		5 280	16.63	16.73	16.58	16.48
		5 320	16.68	16.68	16.58	16.48
	UNII-2C	5 500	16.68	16.68	16.58	16.43
		5 580	16.68	16.73	16.58	16.48
		5 700	16.73	16.68	16.63	16.53
	UNII-3	5 745	16.78	19.98	16.98	17.18
		5 785	16.78	19.73	16.98	17.33
		5 825	17.03	21.18	16.93	17.53
11n HT20	UNII-1	5 180	17.78	17.73	17.78	17.73
		5 200	17.88	17.78	17.78	17.73
		5 240	17.83	17.78	17.78	17.68
	UNII-2A	5 260	17.78	17.78	17.73	17.73
		5 280	17.78	17.78	17.73	17.73
		5 320	17.78	17.83	17.73	17.73
	UNII-2C	5 500	17.83	17.78	17.68	17.68
		5 580	17.83	17.73	17.78	17.73
		5 700	17.78	17.78	17.78	17.73
	UNII-3	5 745	18.08	21.33	18.33	18.68
		5 785	17.98	21.23	18.28	18.68
		5 825	18.08	22.98	18.28	19.03
11n HT40	UNII-1	5 190	36.46	36.36	36.16	36.36
		5 230	36.56	36.46	36.36	36.36
	UNII-2A	5 270	36.56	36.36	36.26	36.36
		5 310	36.46	36.46	36.36	36.46
	UNII-2C	5 510	36.36	36.26	36.36	36.36
		5 550	36.46	36.36	36.36	36.36
		5 670	36.36	36.46	36.36	36.46
	UNII-3	5 755	36.86	38.26	36.86	37.16
		5 795	37.06	38.66	36.76	37.46

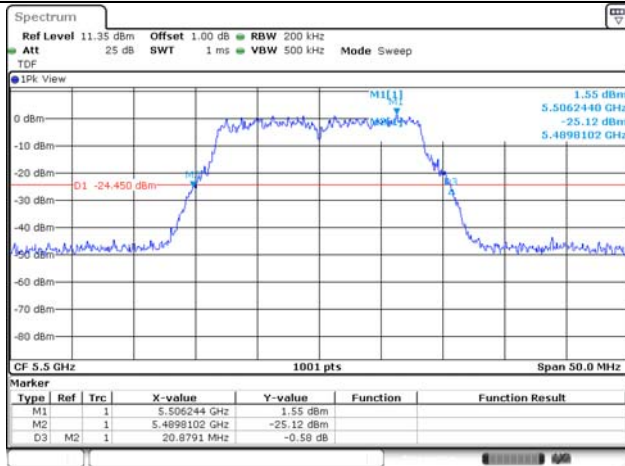
Test mode	Band	Frequency(MHz)	Measured Bandwidth ANT 0 (MHz)	Measured Bandwidth ANT 1 (MHz)	Measured Bandwidth ANT 2 (MHz)	Measured Bandwidth ANT 3 (MHz)
11ac VHT20	UNII-1	5 180	17.88	17.73	17.73	17.73
		5 200	17.88	17.83	17.78	17.73
		5 240	17.88	17.78	17.78	17.78
	UNII-2A	5 260	17.83	17.73	17.73	17.68
		5 280	17.78	17.78	17.83	17.73
		5 320	17.83	17.73	17.78	17.78
	UNII-2C	5 500	17.83	17.78	17.78	17.68
		5 580	17.78	17.73	17.68	17.73
		5 700	17.78	17.78	17.78	17.73
	UNII-3	5 745	18.03	20.73	18.33	18.58
		5 785	17.88	20.68	18.03	18.43
		5 825	18.08	22.33	18.13	18.68
11ac VHT40	UNII-1	5 190	36.36	36.36	36.26	36.46
		5 230	36.46	36.36	36.36	36.56
	UNII-2A	5 270	36.56	36.46	36.36	36.56
		5 310	36.46	36.36	36.36	36.56
	UNII-2C	5 510	36.46	36.36	36.36	36.66
		5 550	36.36	36.36	36.46	36.66
		5 670	36.36	36.36	36.36	36.46
	UNII-3	5 755	36.66	37.76	36.76	37.06
		5 795	36.76	37.86	36.56	37.26
11ac VHT80	UNII-1	5 210	75.04	75.04	74.57	74.81
	UNII-2A	5 290	75.76	75.88	75.76	75.76
	UNII-2C	5 530	75.76	76.00	75.88	76.00
		5 610	75.76	75.88	75.88	75.88
	UNII-3	5 775	76.36	77.68	76.36	76.96

26 dB bandwidth

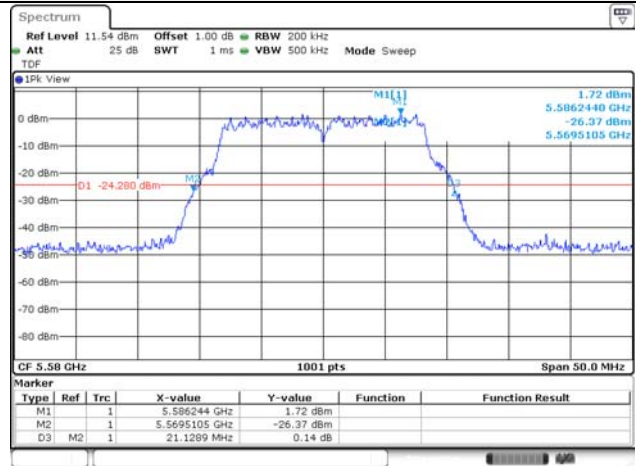
MIMO ANT 0



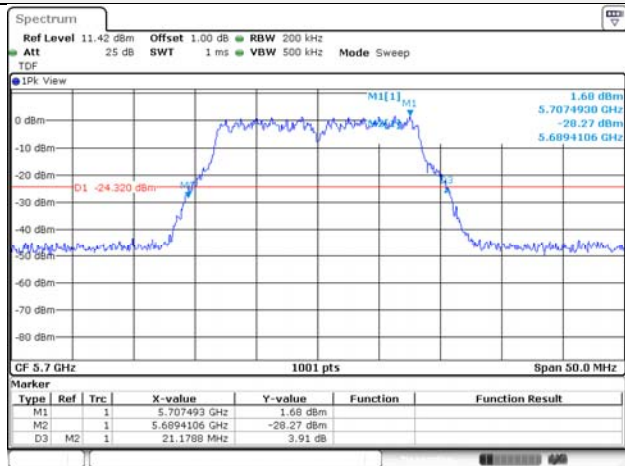
UNII-2C / 802.11a / 5 500 MHz



UNII-2C / 802.11a / 5 580 MHz

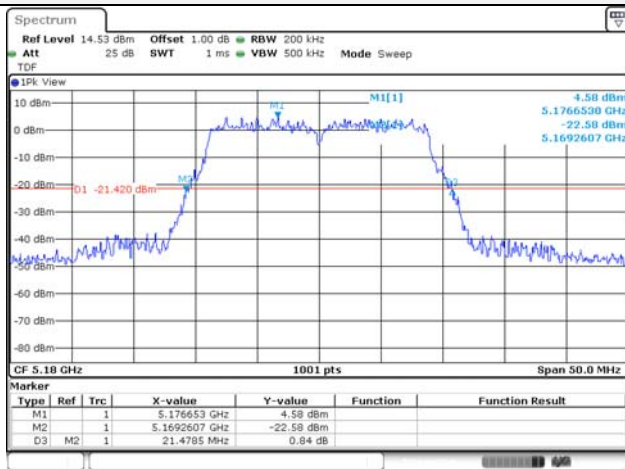


UNII-2C / 802.11a / 5 700 MHz

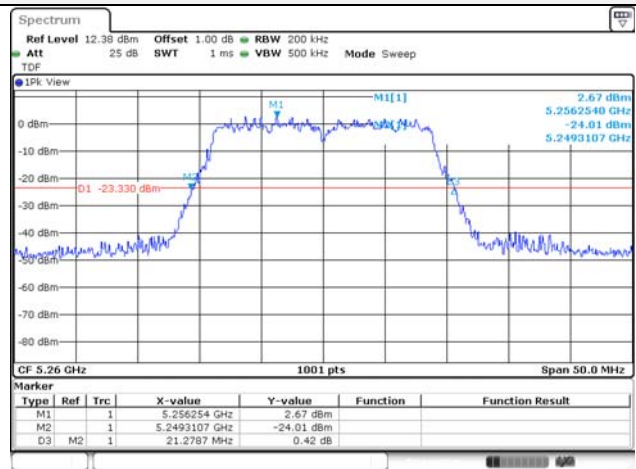


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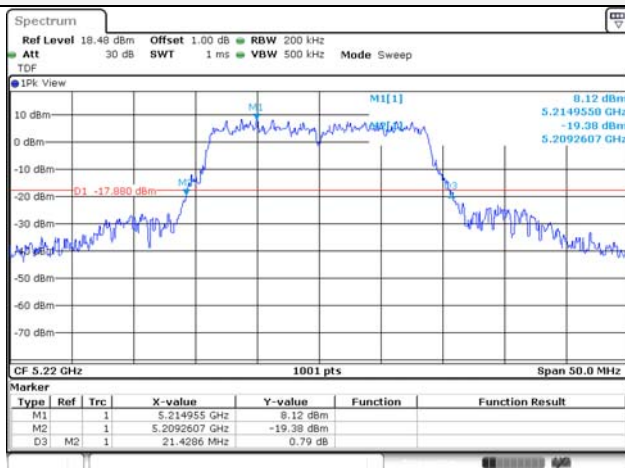
UNII-1 / 802.11n HT20 / 5 180 MHz



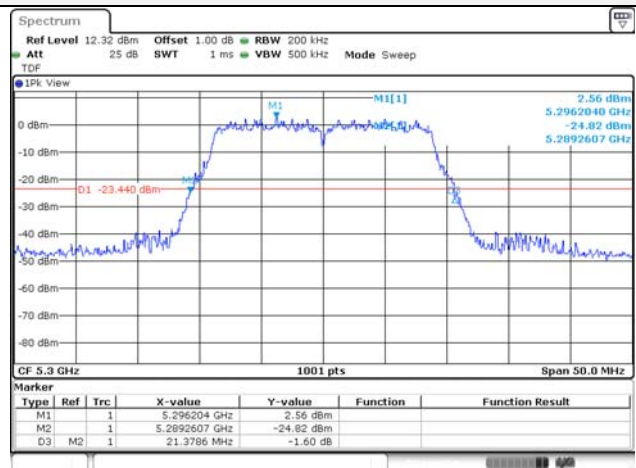
UNII-2A / 802.11n HT20 / 5 260 MHz



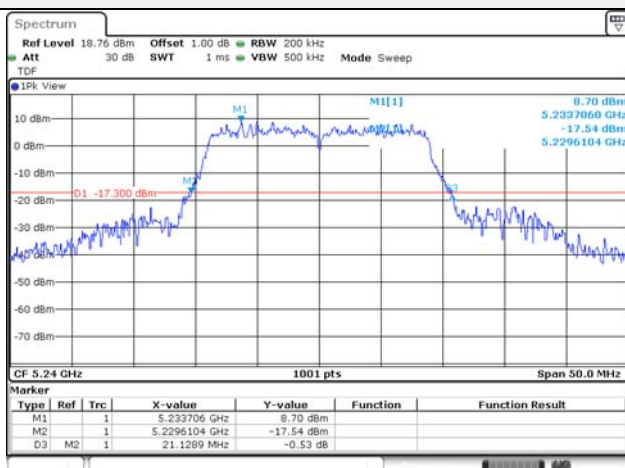
UNII-1 / 802.11n HT20 / 5 220 MHz



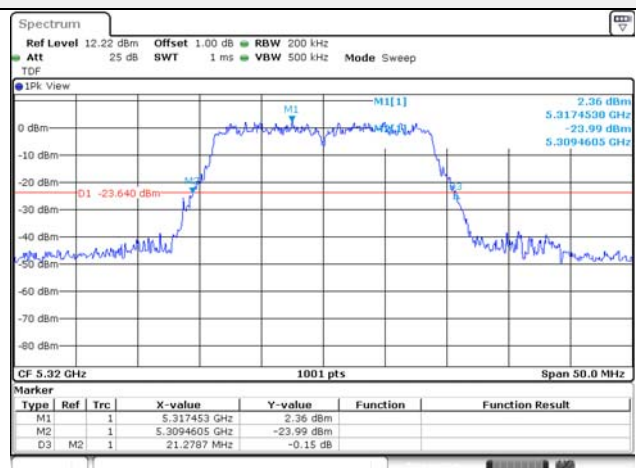
UNII-2A / 802.11n HT20 / 5 300 MHz



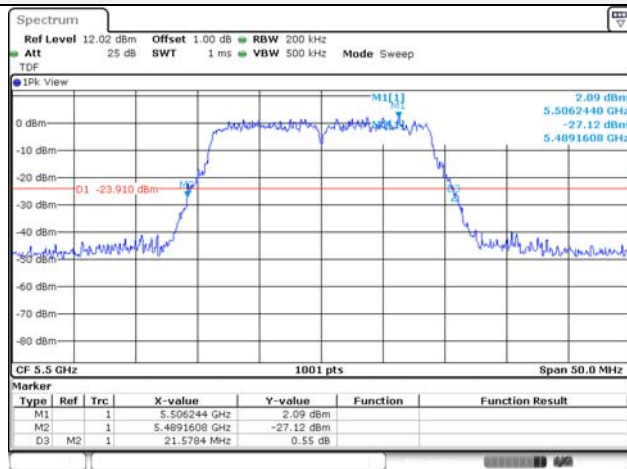
UNII-1 / 802.11n HT20 / 5 240 MHz



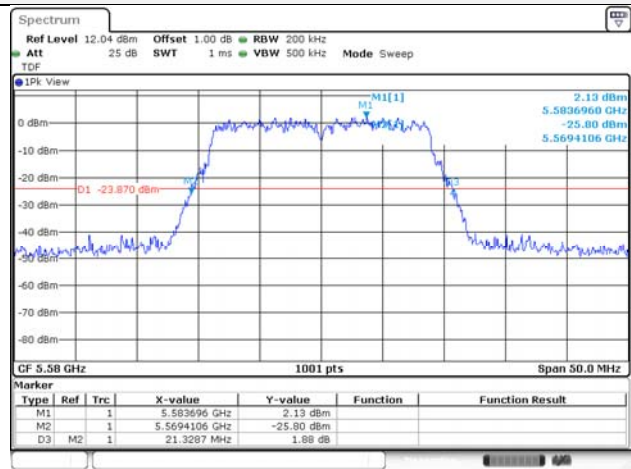
UNII-2A / 802.11n HT20 / 5 320 MHz



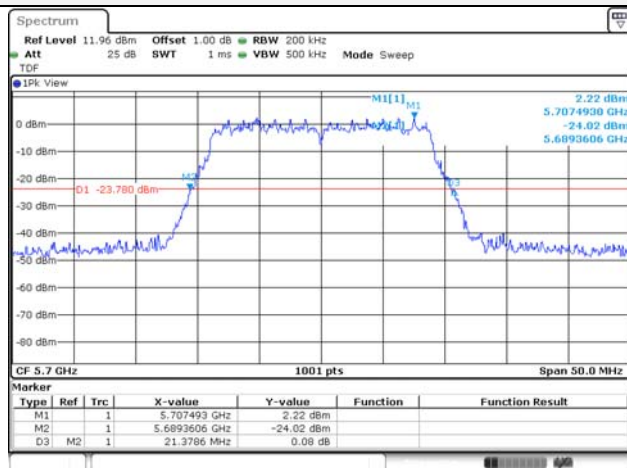
UNII-2C / 802.11n HT20 / 5 500 MHz



UNII-2C / 802.11n HT20 / 5 580 MHz

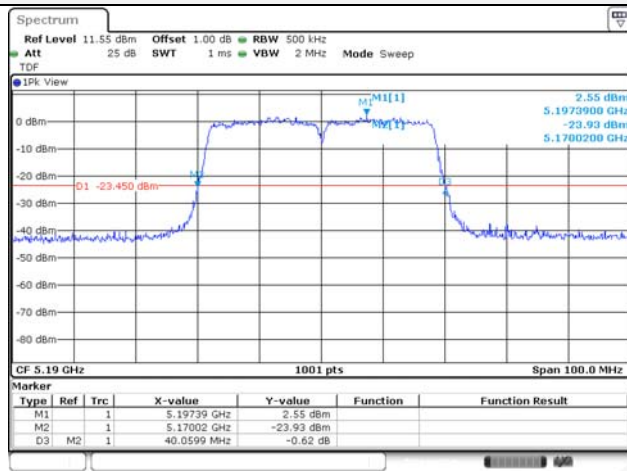


UNII-2C / 802.11n HT20 / 5 700 MHz

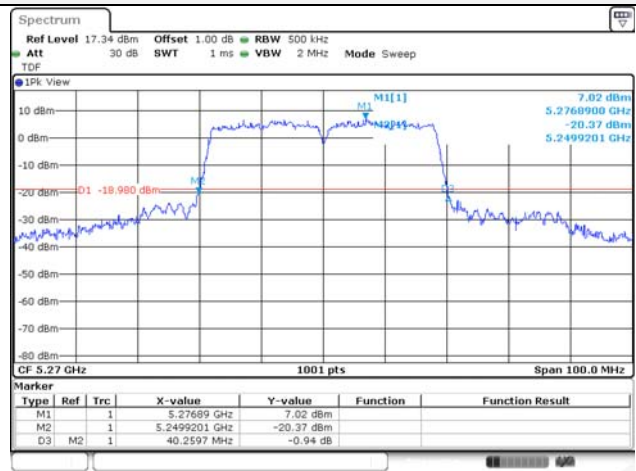


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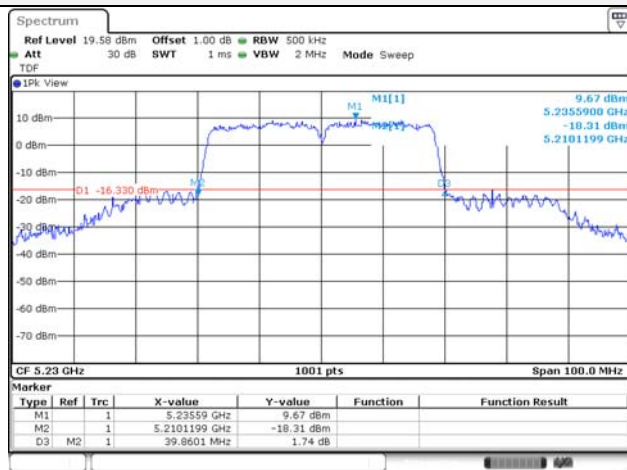
UNII-1 / 802.11n HT40 / 5 190 MHz



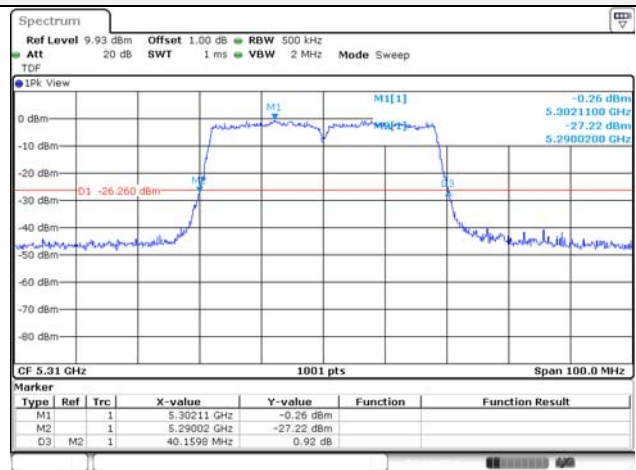
UNII-2A / 802.11n HT40 / 5 270 MHz



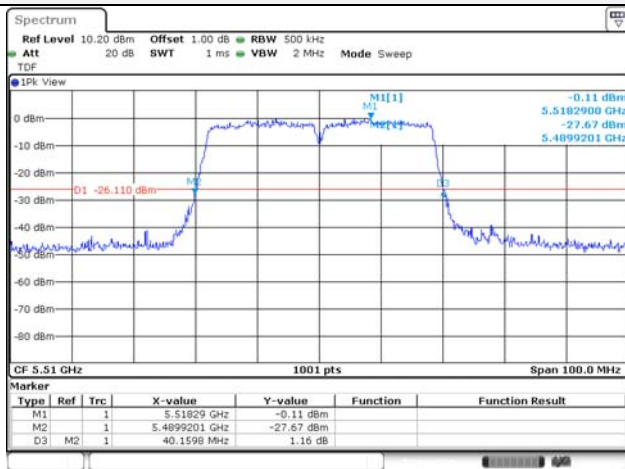
UNII-1 / 802.11n HT40 / 5 230 MHz



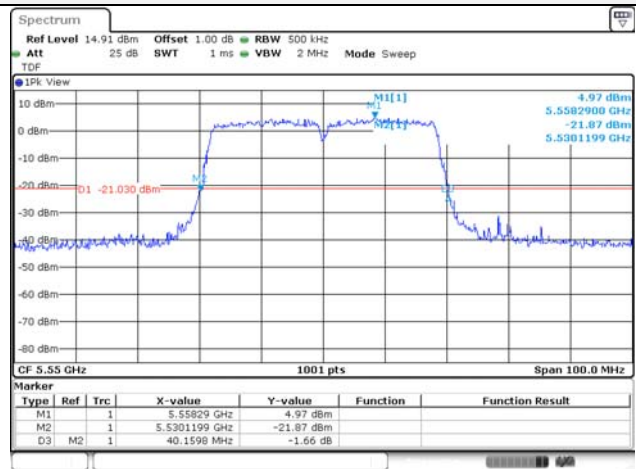
UNII-2A / 802.11n HT40 / 5 310 MHz



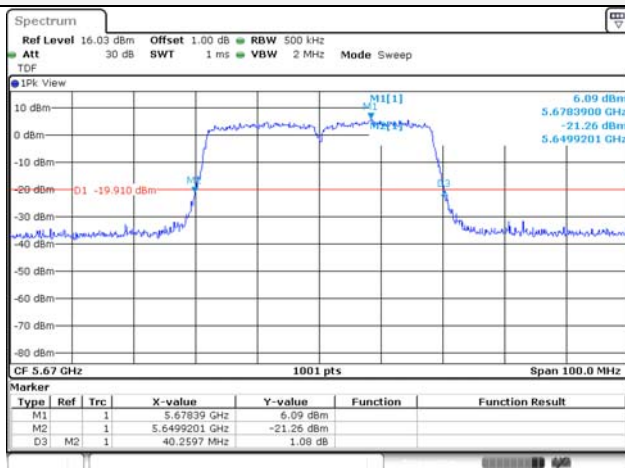
UNII-2C / 802.11n HT40 / 5 510 MHz



UNII-2C / 802.11n HT40 / 5 550 MHz

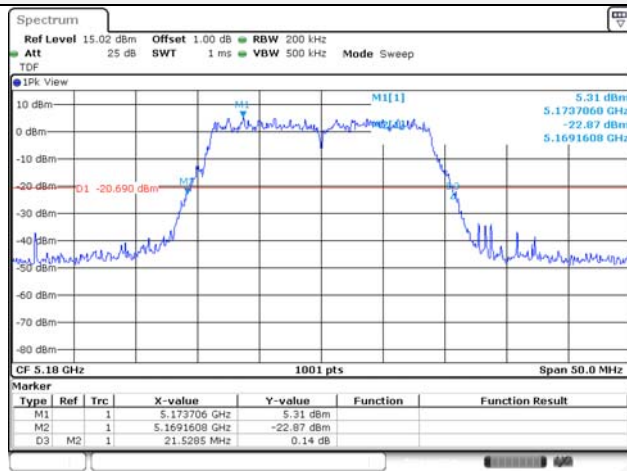


UNII-2C / 802.11n HT40 / 5 670 MHz

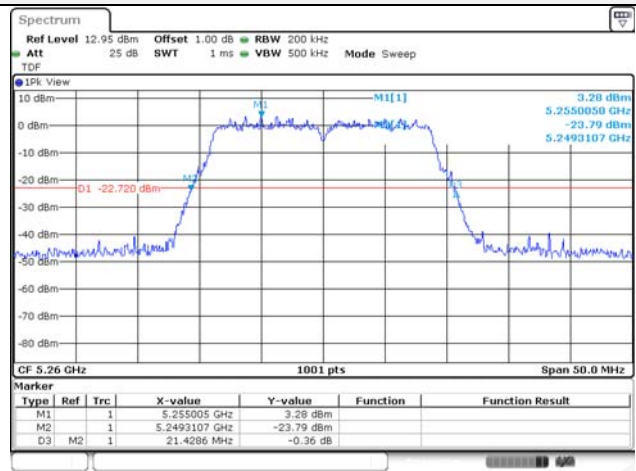


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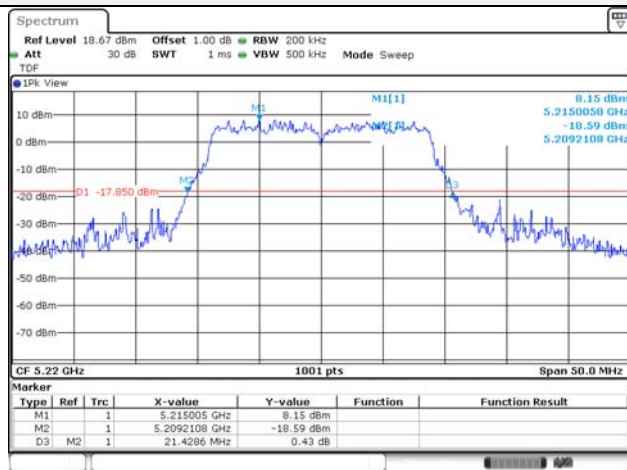
UNII-1 / 802.11ac VHT20 / 5 180 MHz



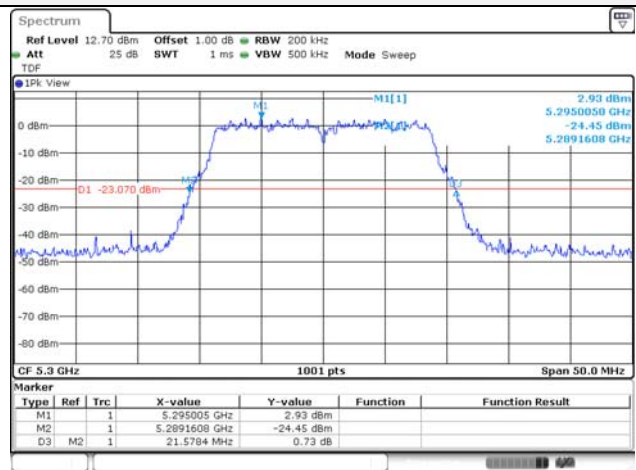
UNII-2A / 802.11ac VHT20 / 5 260 MHz



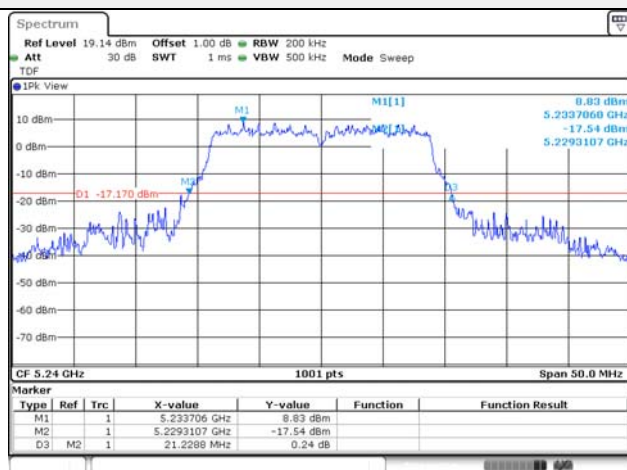
UNII-1 / 802.11ac VHT20 / 5 220 MHz



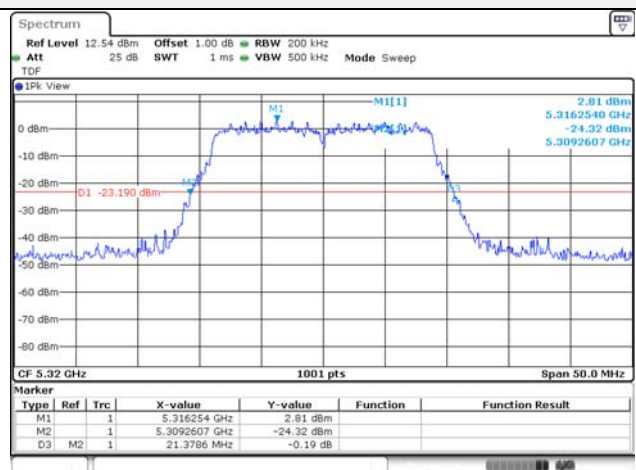
UNII-2A / 802.11ac VHT20 / 5 300 MHz



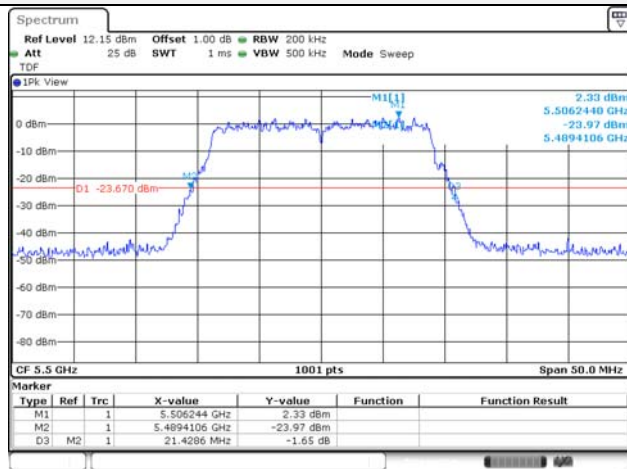
UNII-1 / 802.11ac VHT20 / 5 240 MHz



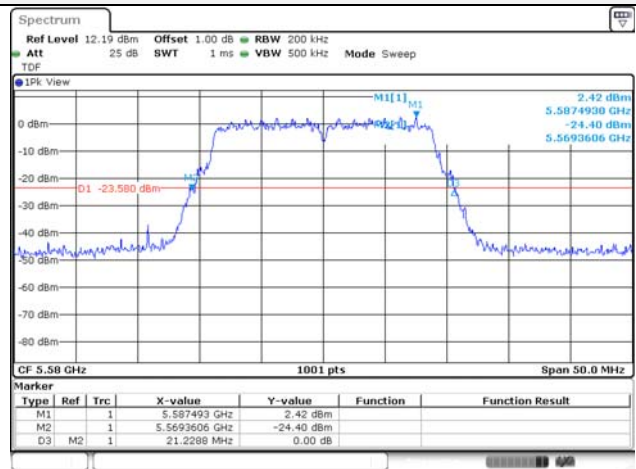
UNII-2A / 802.11ac VHT20 / 5 320 MHz



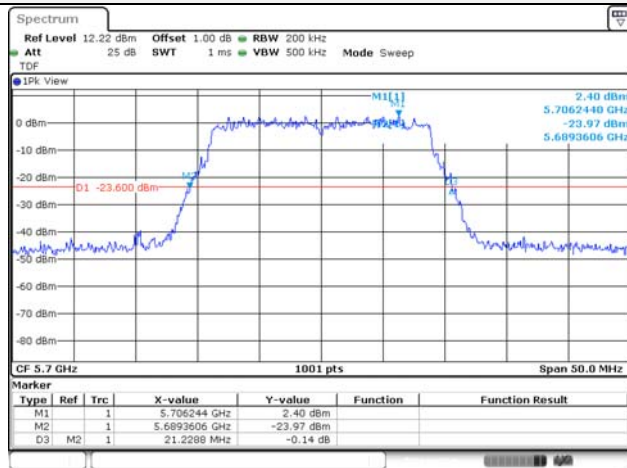
UNII-2C / 802.11ac VHT20 / 5 500 MHz



UNII-2C / 802.11ac VHT20 / 5 580 MHz

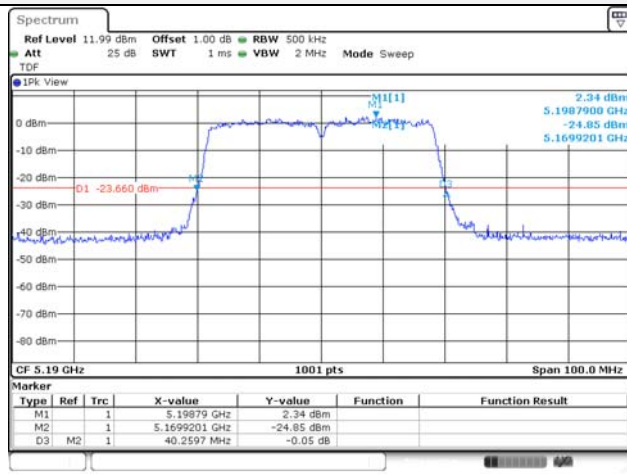


UNII-2C / 802.11ac VHT20 / 5 700 MHz

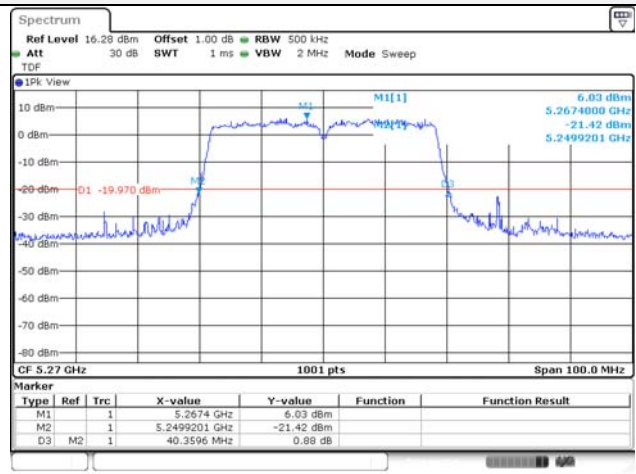


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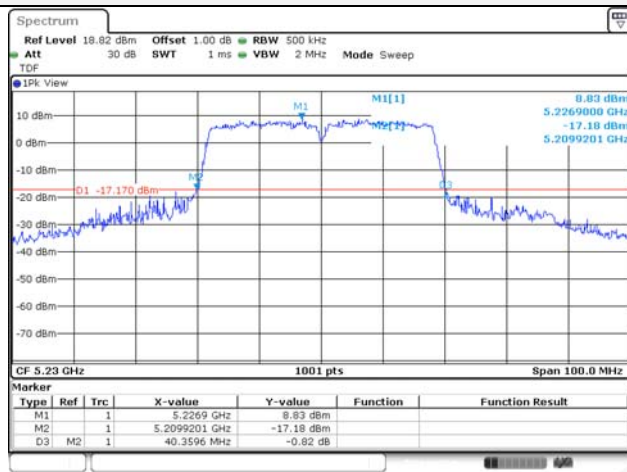
UNII-1 / 802.11ac VHT40 / 5 190 MHz



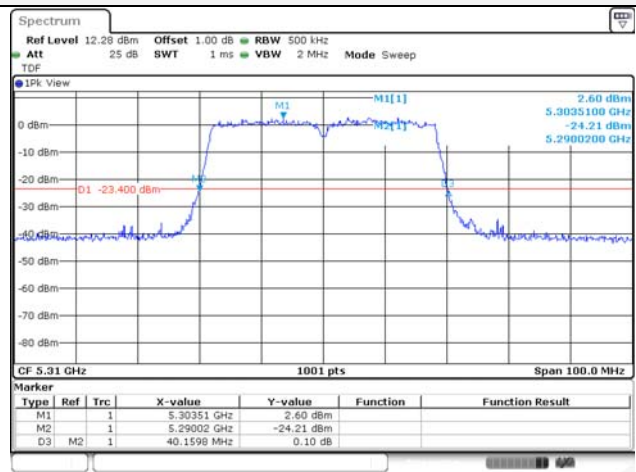
UNII-2A / 802.11ac VHT40 / 5 270 MHz



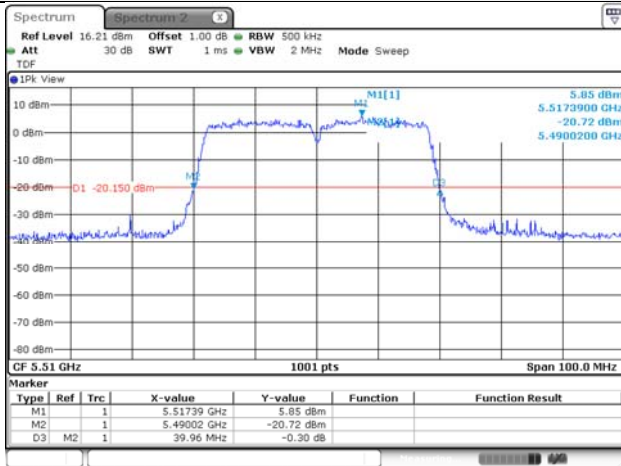
UNII-1 / 802.11ac VHT40 / 5 230 MHz



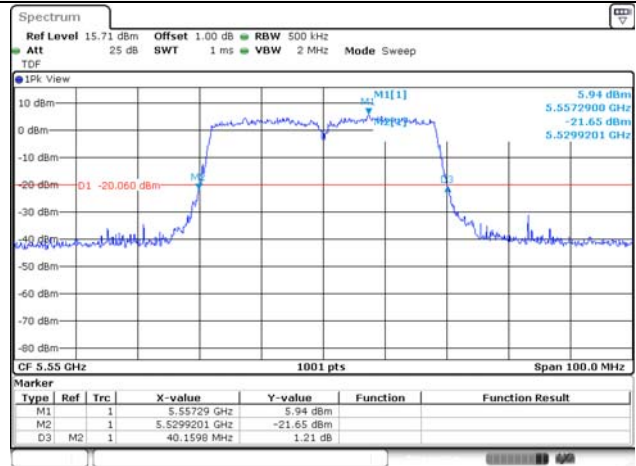
UNII-2A / 802.11ac VHT40 / 5 310 MHz



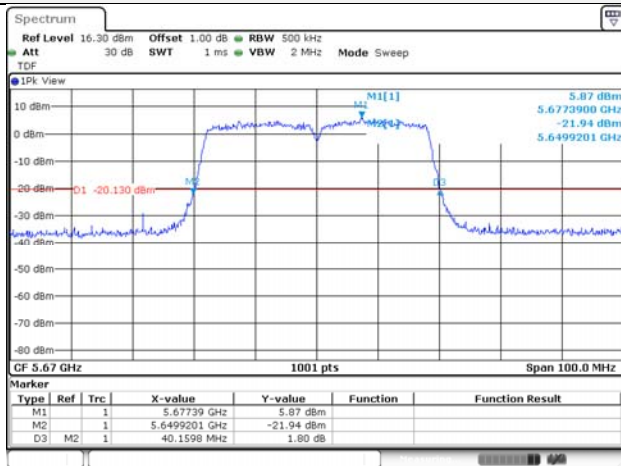
UNII-2C / 802.11ac VHT40 / 5 510 MHz



UNII-2C / 802.11ac VHT40 / 5 550 MHz



UNII-2C / 802.11ac VHT40 / 5 670 MHz

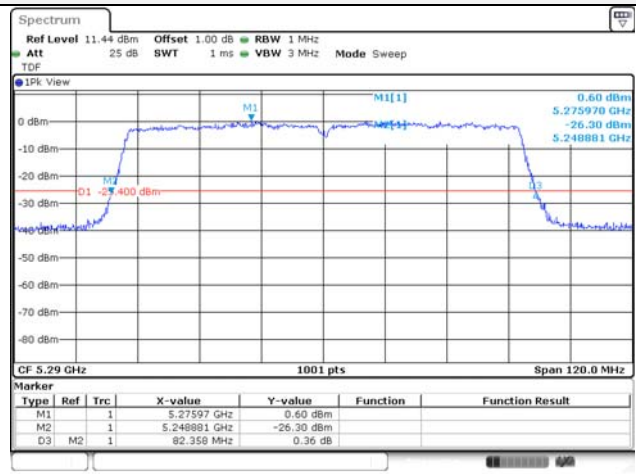


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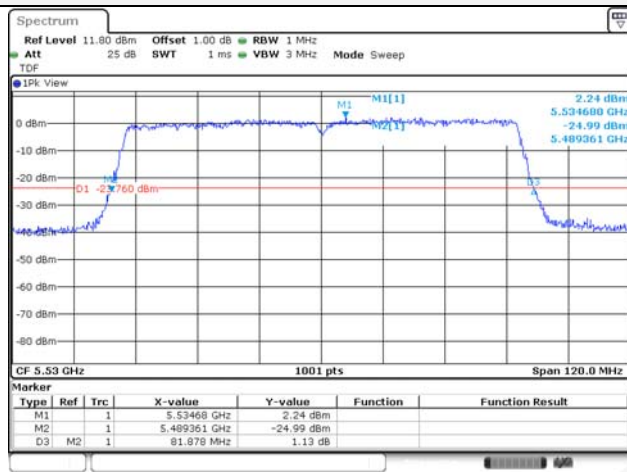
UNII-1 / 802.11ac VHT80 / 5 210 MHz



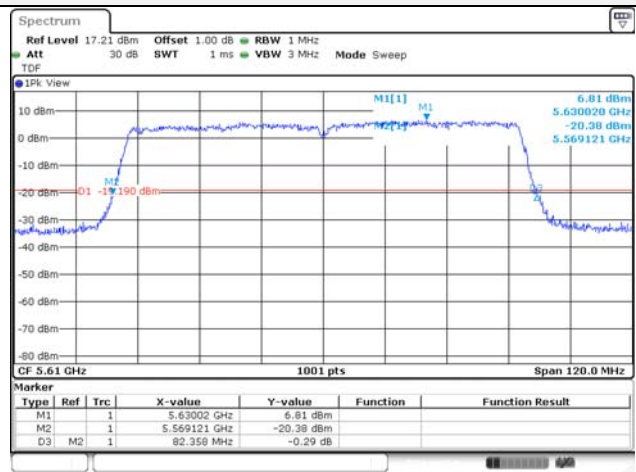
UNII-2A / 802.11ac VHT80 / 5 290 MHz



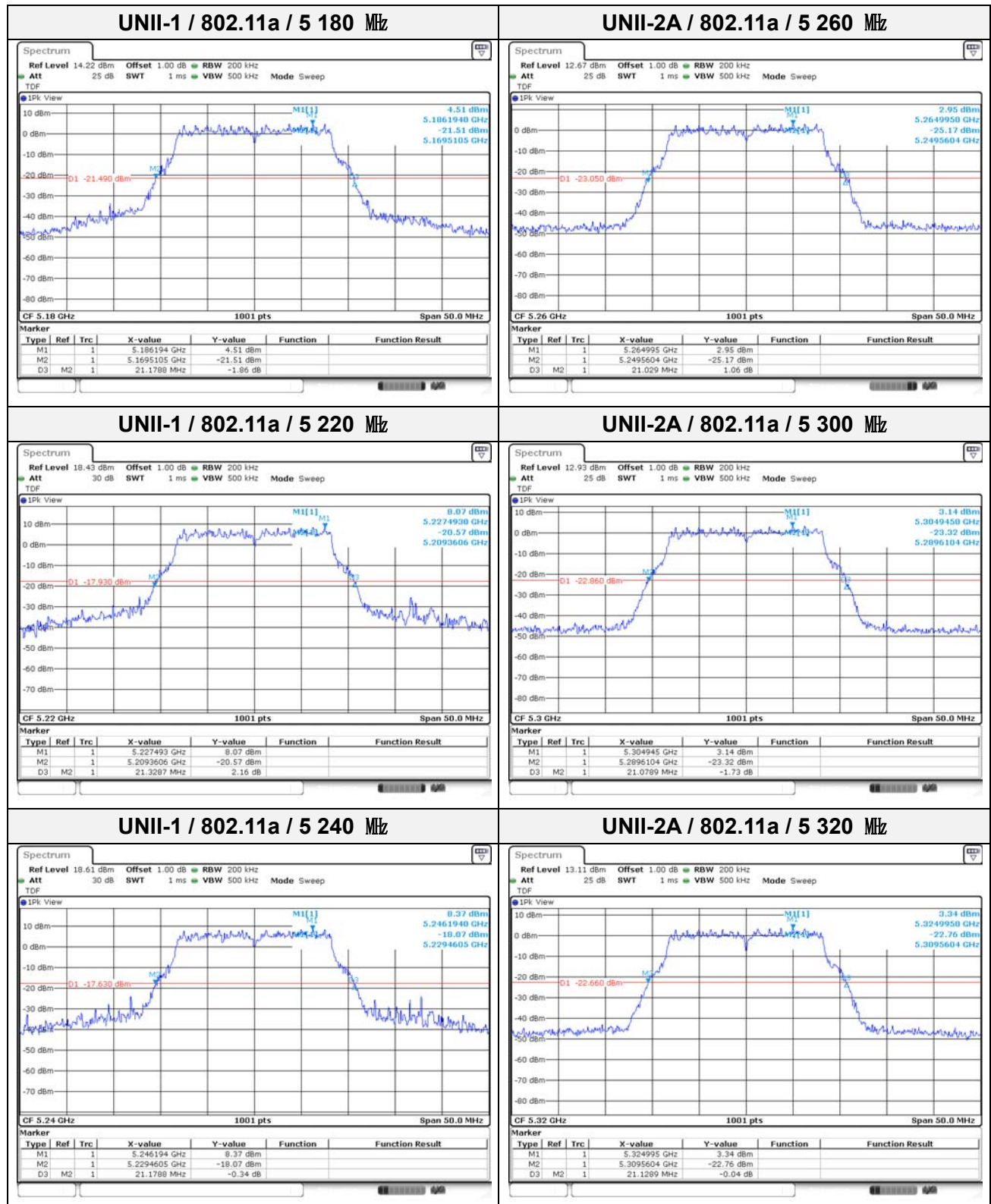
UNII-2C / 802.11ac VHT80 / 5 530 MHz



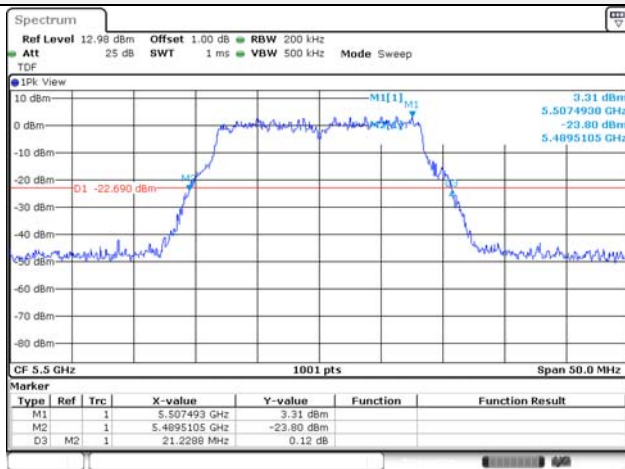
UNII-2C / 802.11ac VHT80 / 5 610 MHz



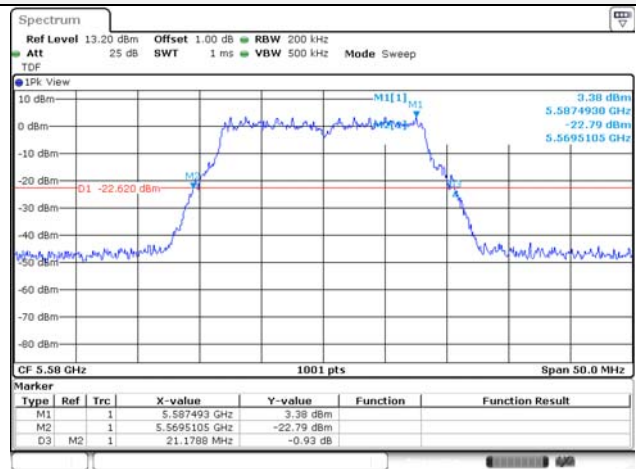
MIMO ANT 1



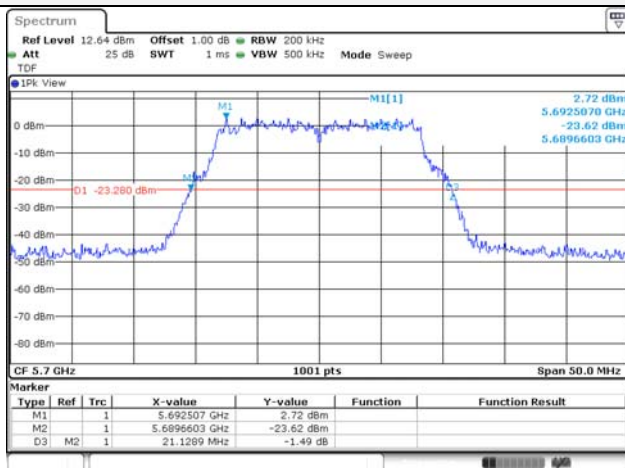
UNII-2C / 802.11a / 5 500 MHz



UNII-2C / 802.11a / 5 580 MHz

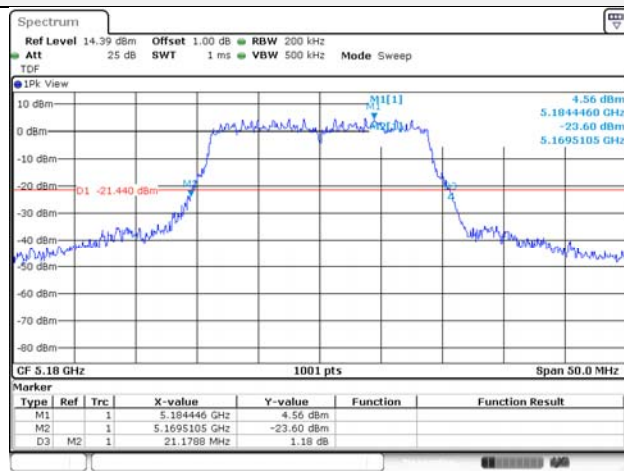


UNII-2C / 802.11a / 5 700 MHz

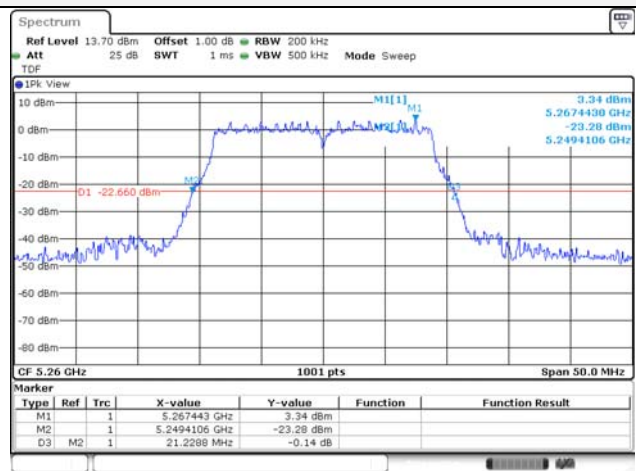


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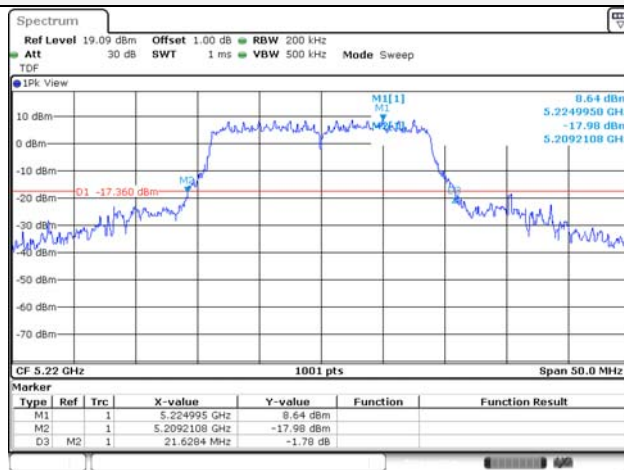
UNII-1 / 802.11n HT20 / 5 180 MHz



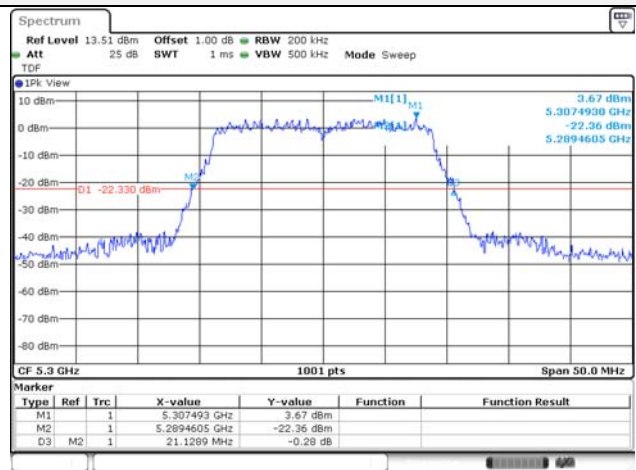
UNII-2A / 802.11n HT20 / 5 260 MHz



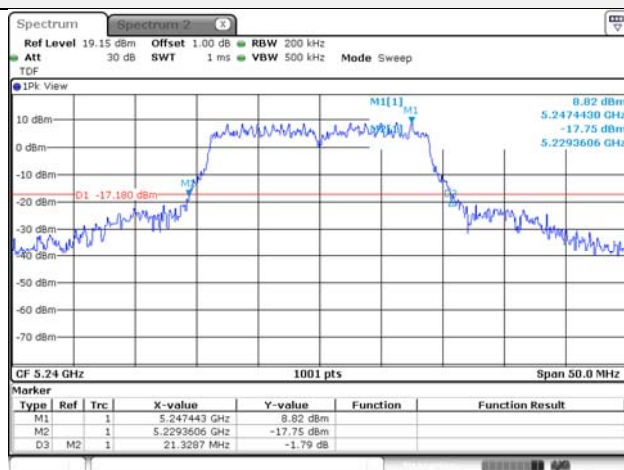
UNII-1 / 802.11n HT20 / 5 220 MHz



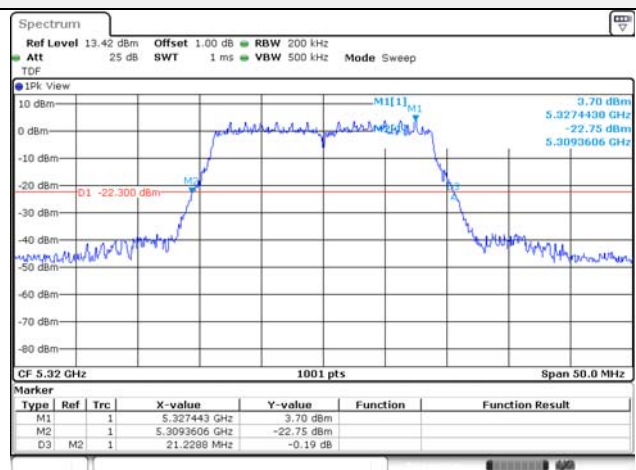
UNII-2A / 802.11n HT20 / 5 300 MHz



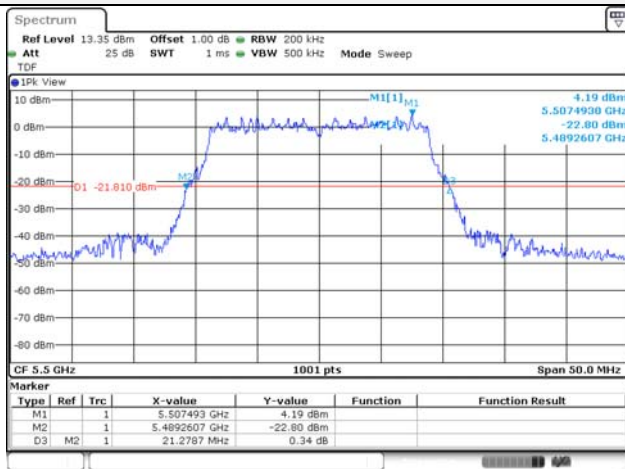
UNII-1 / 802.11n HT20 / 5 240 MHz



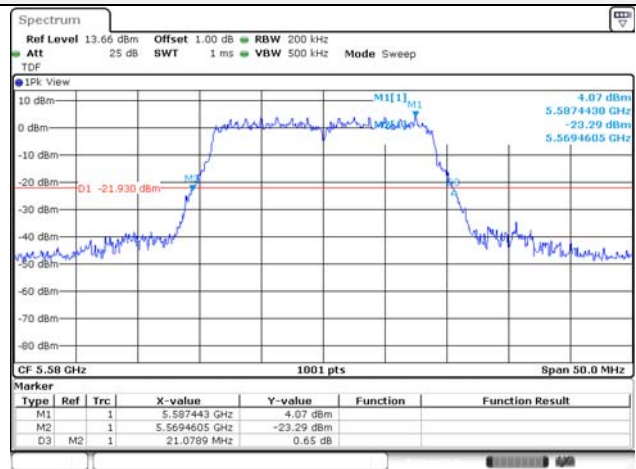
UNII-2A / 802.11n HT20 / 5 320 MHz



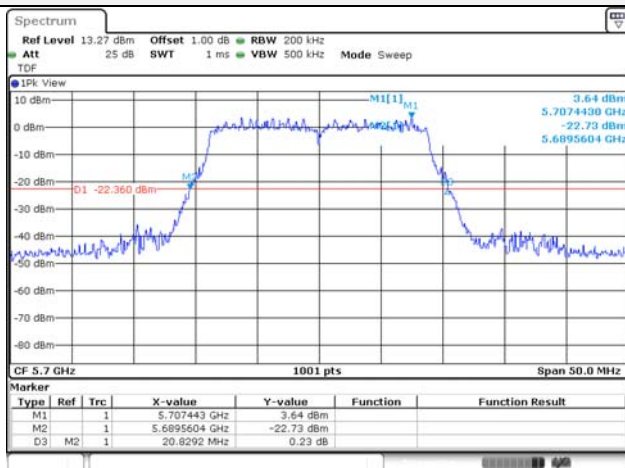
UNII-2C / 802.11n HT20 / 5 500 MHz



UNII-2C / 802.11n HT20 / 5 580 MHz

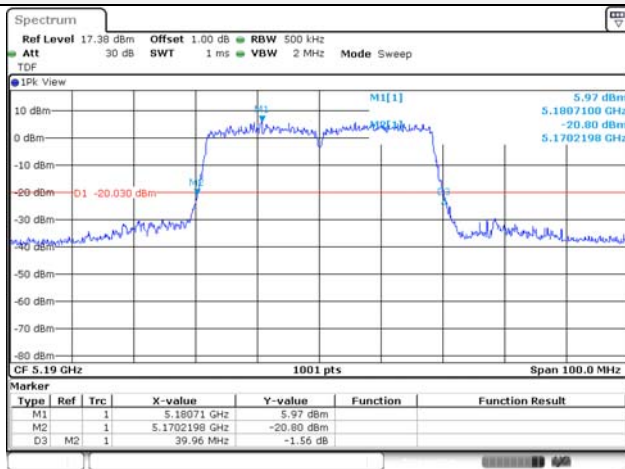


UNII-2C / 802.11n HT20 / 5 700 MHz

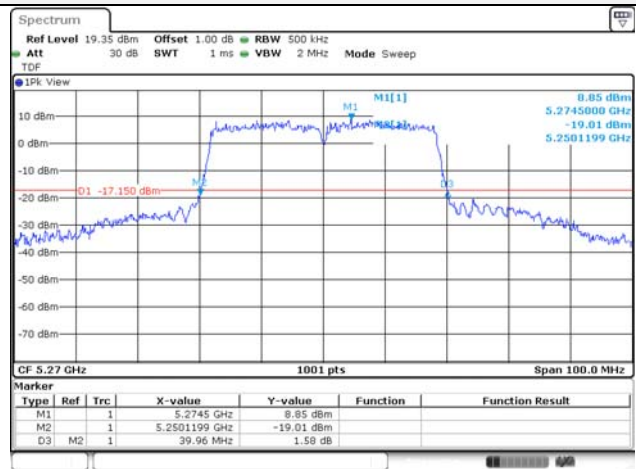


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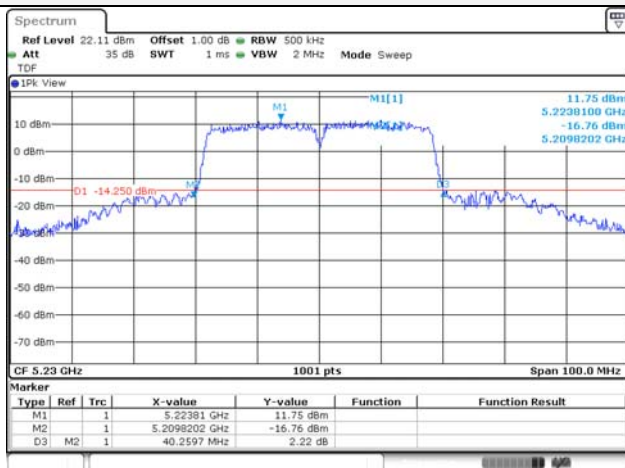
UNII-1 / 802.11n HT40 / 5 190 MHz



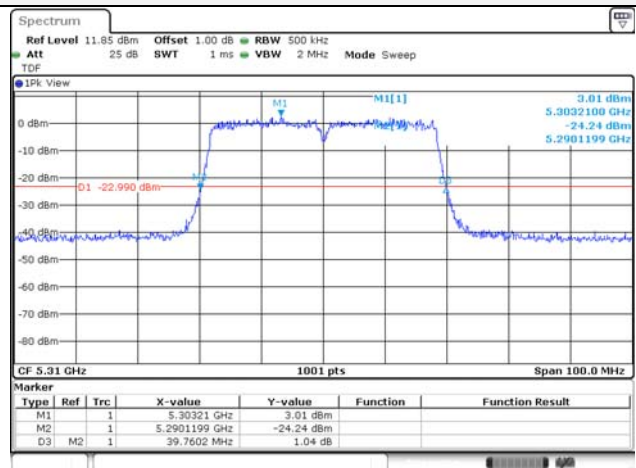
UNII-2A / 802.11n HT40 / 5 270 MHz



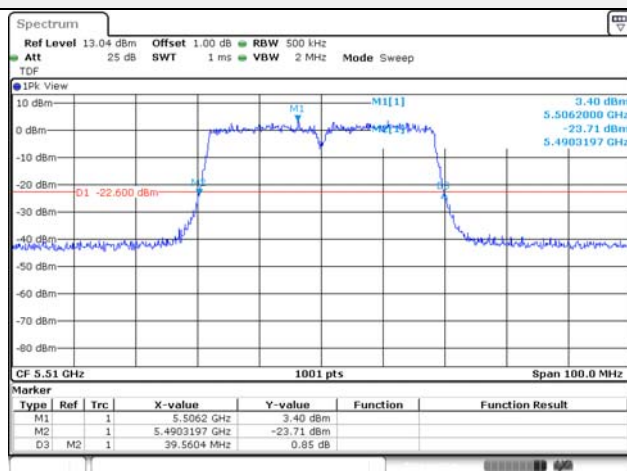
UNII-1 / 802.11n HT40 / 5 230 MHz



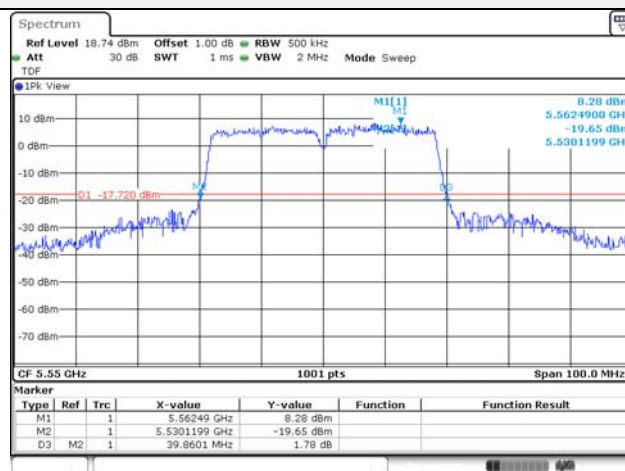
UNII-2A / 802.11n HT40 / 5 310 MHz



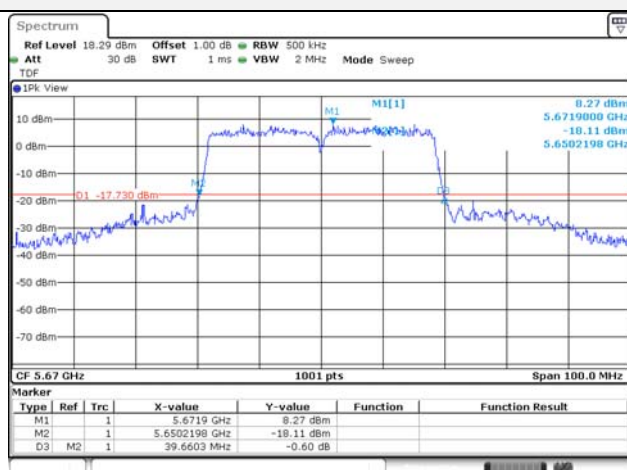
UNII-2C / 802.11n HT40 / 5 510 MHz



UNII-2C / 802.11n HT40 / 5 550 MHz

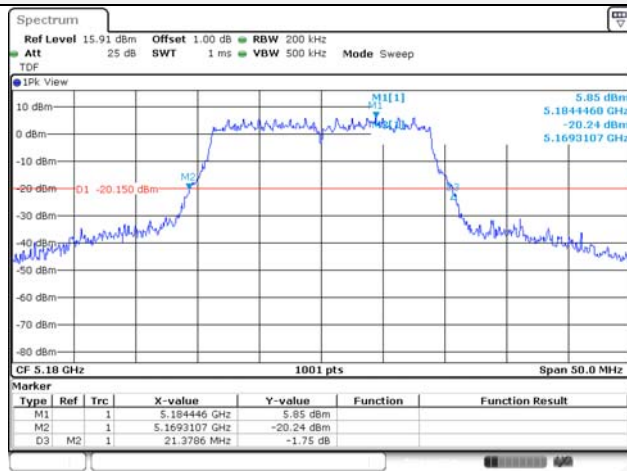


UNII-2C / 802.11n HT40 / 5 670 MHz

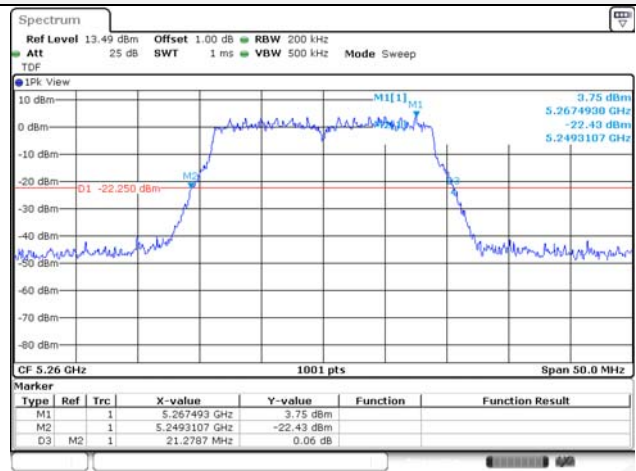


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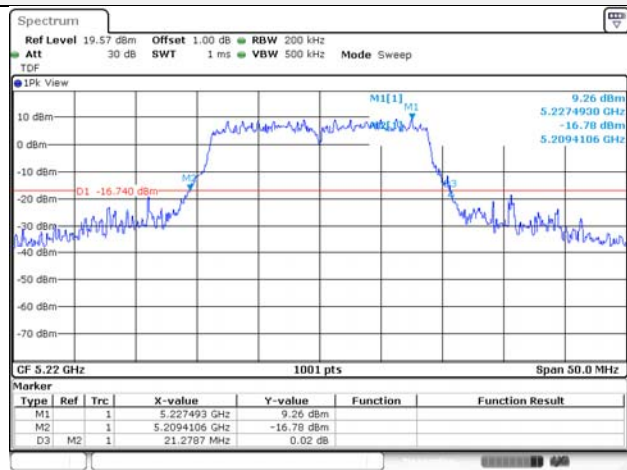
UNII-1 / 802.11ac VHT20 / 5 180 MHz



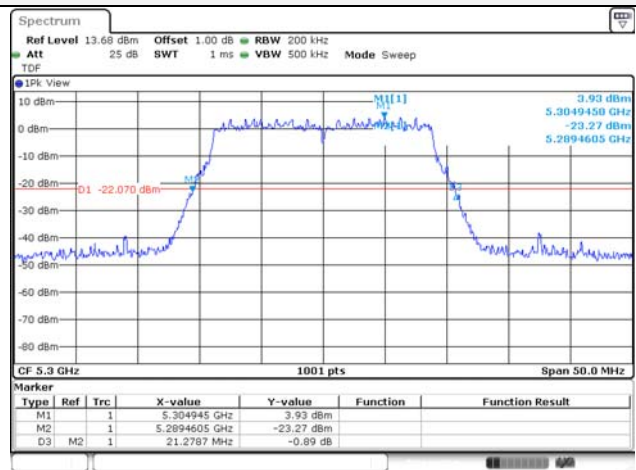
UNII-2A / 802.11ac VHT20 / 5 260 MHz



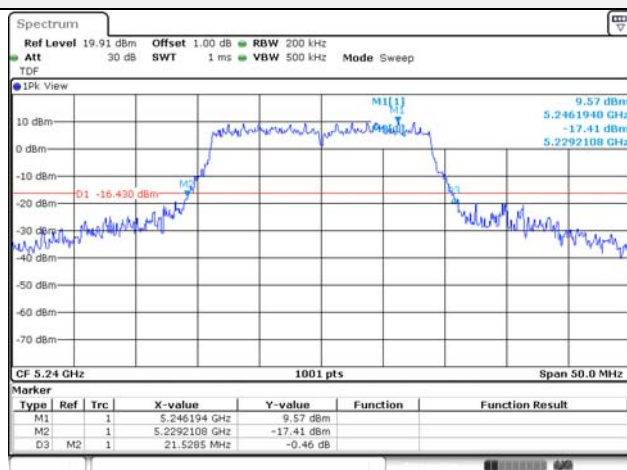
UNII-1 / 802.11ac VHT20 / 5 220 MHz



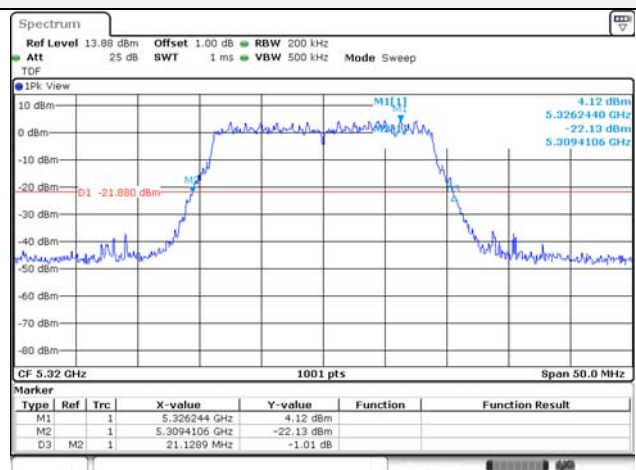
UNII-2A / 802.11ac VHT20 / 5 300 MHz



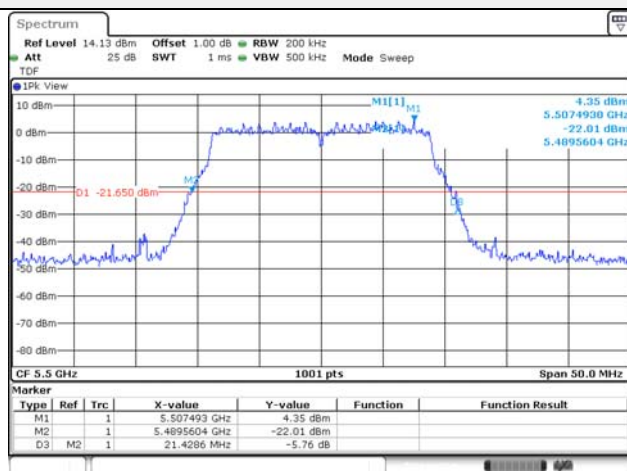
UNII-1 / 802.11ac VHT20 / 5 240 MHz



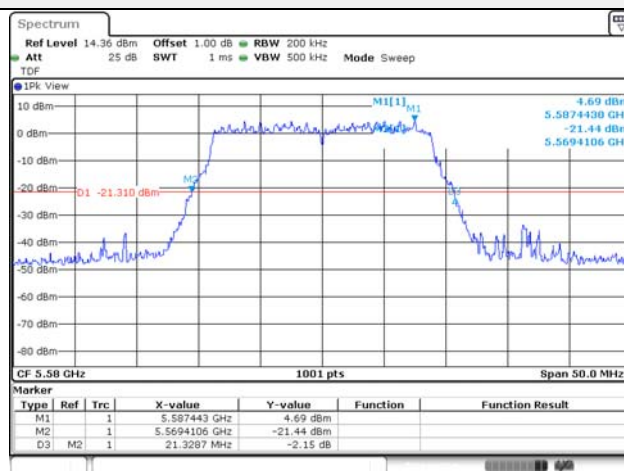
UNII-2A / 802.11ac VHT20 / 5 320 MHz



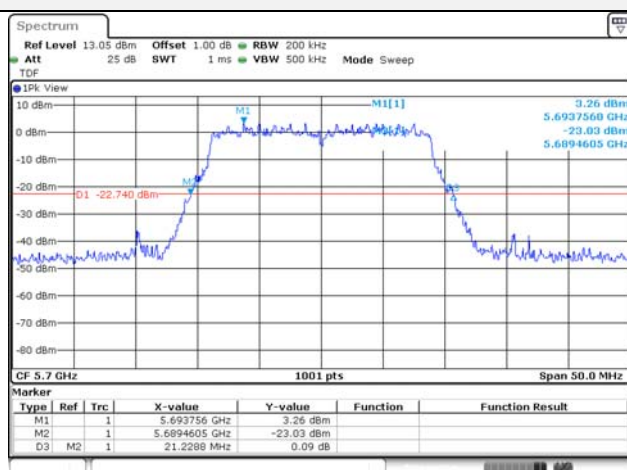
UNII-2C / 802.11ac VHT20 / 5 500 MHz



UNII-2C / 802.11ac VHT20 / 5 580 MHz

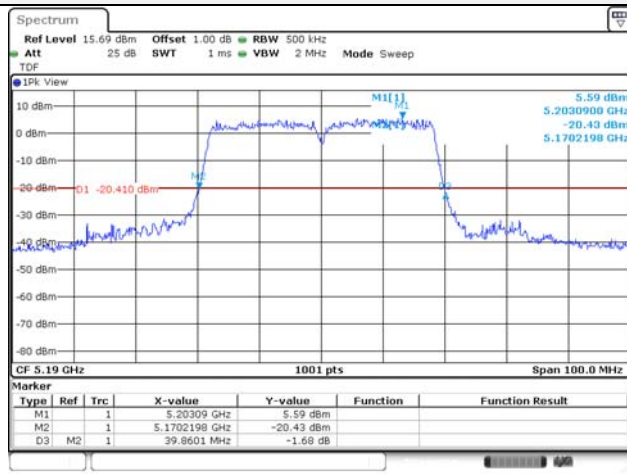


UNII-2C / 802.11ac VHT20 / 5 700 MHz

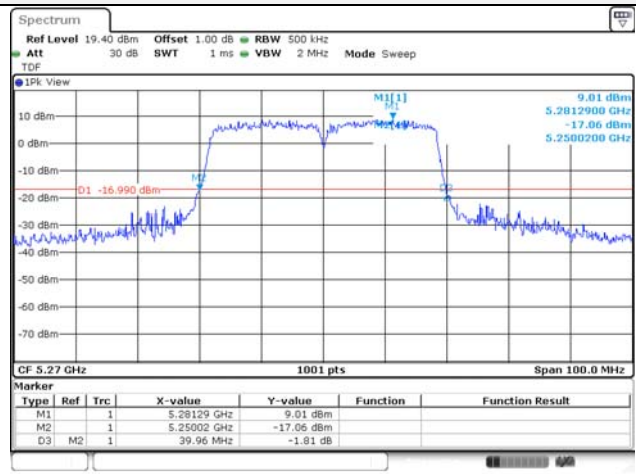


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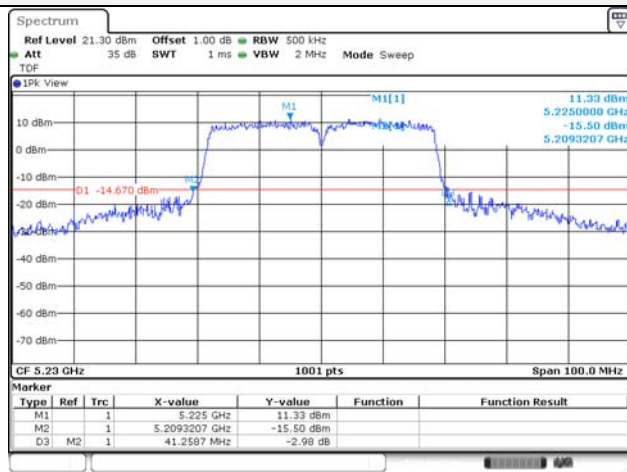
UNII-1 / 802.11ac VHT40 / 5 190 MHz



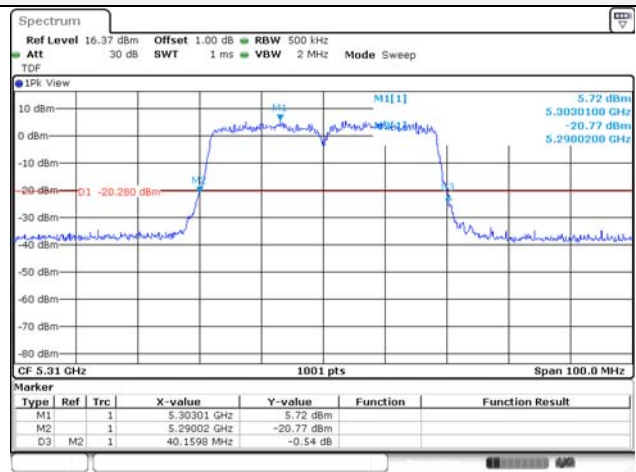
UNII-2A / 802.11ac VHT40 / 5 270 MHz



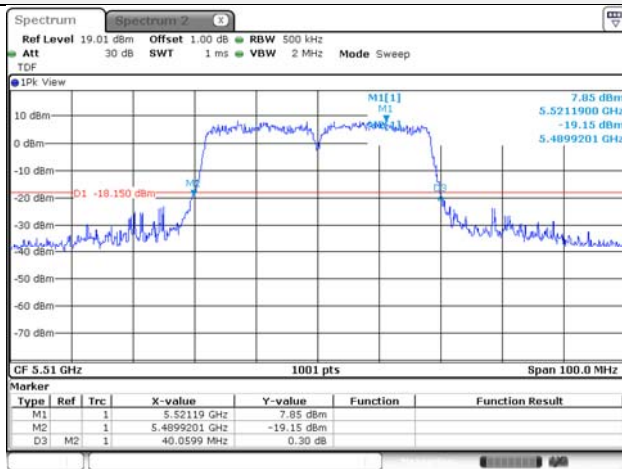
UNII-1 / 802.11ac VHT40 / 5 230 MHz



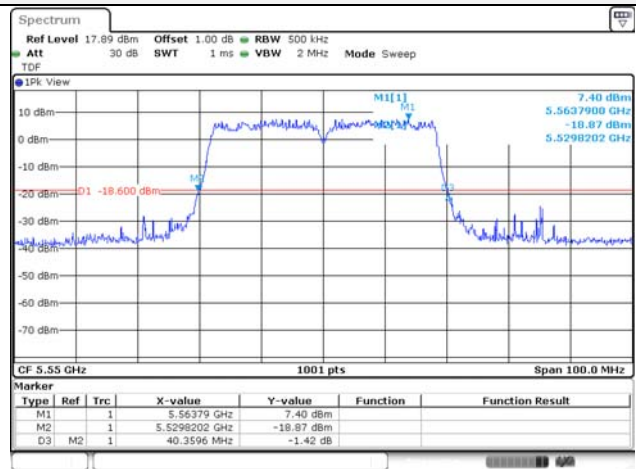
UNII-2A / 802.11ac VHT40 / 5 310 MHz



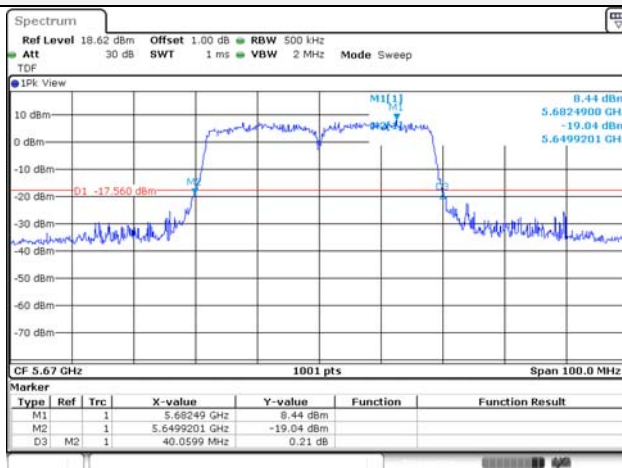
UNII-2C / 802.11ac VHT40 / 5 510 MHz



UNII-2C / 802.11ac VHT40 / 5 550 MHz

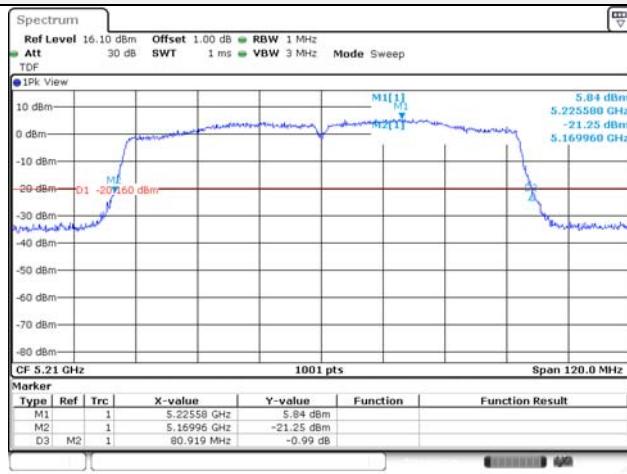


UNII-2C / 802.11ac VHT40 / 5 670 MHz

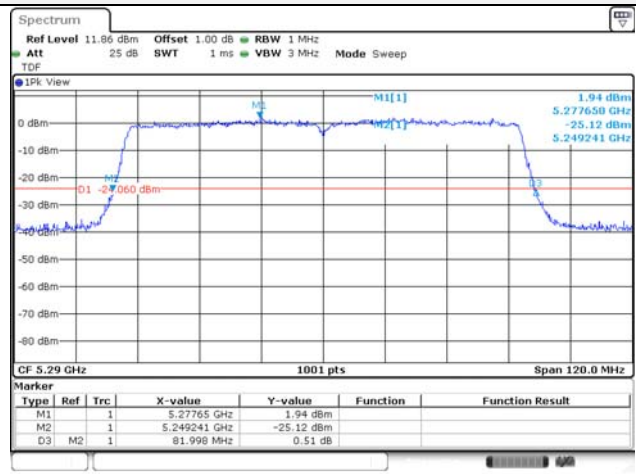


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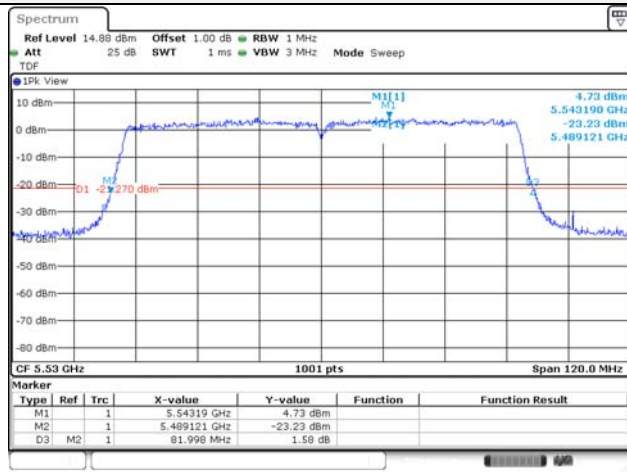
UNII-1 / 802.11ac VHT80 / 5 210 MHz



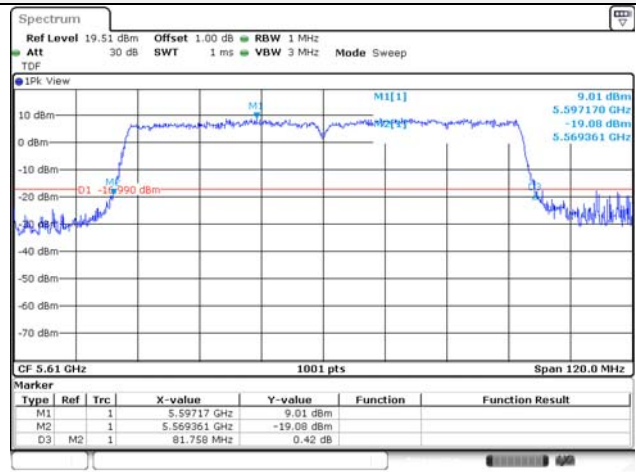
UNII-2A / 802.11ac VHT80 / 5 290 MHz



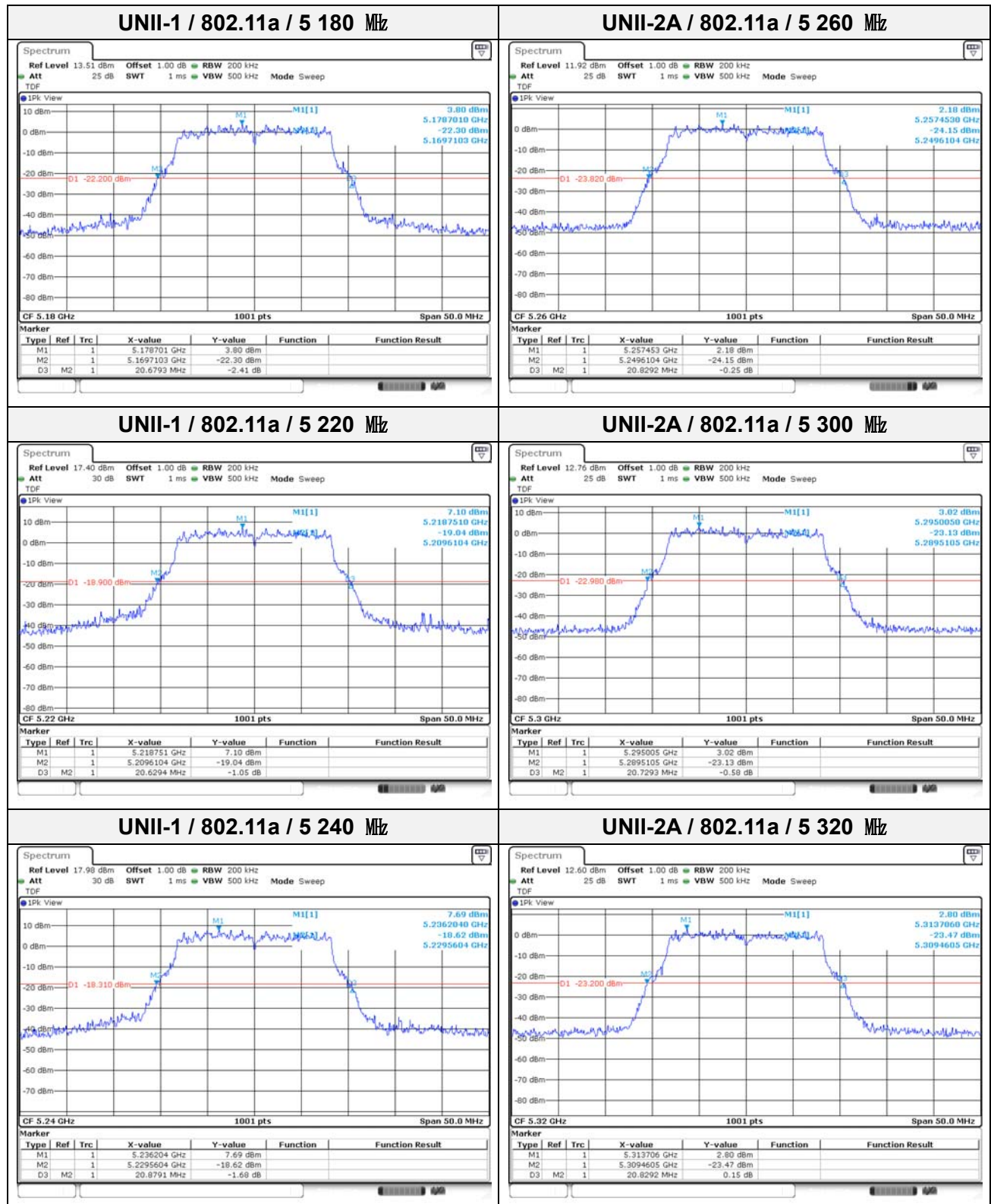
UNII-2C / 802.11ac VHT80 / 5 530 MHz



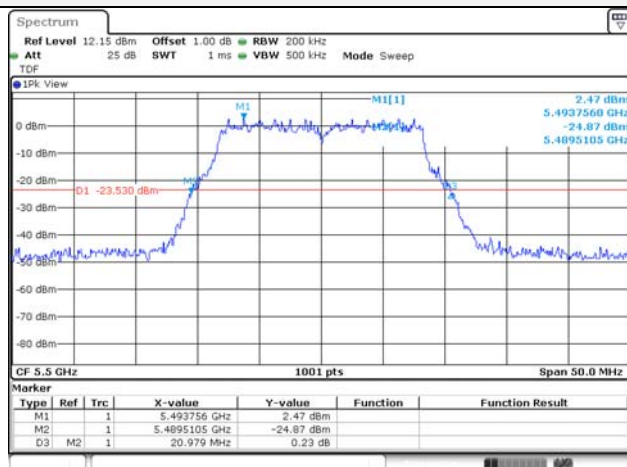
UNII-2C / 802.11ac VHT80 / 5 610 MHz



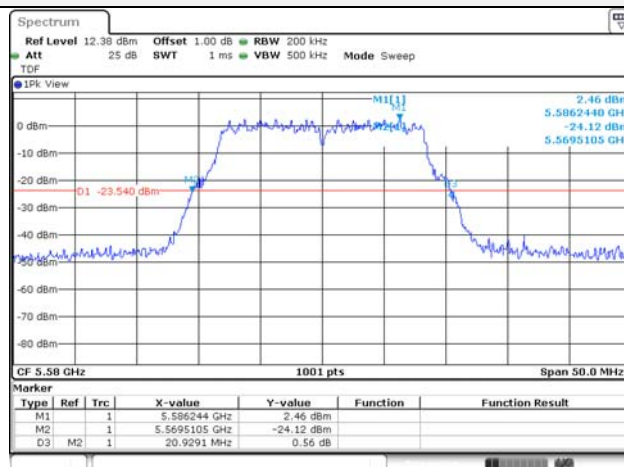
MIMO ANT 2



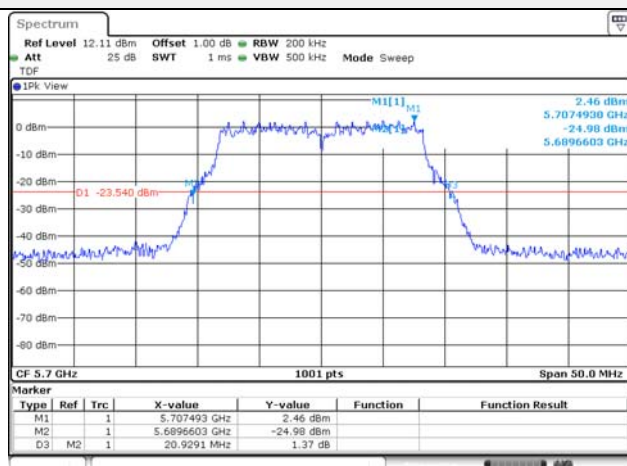
UNII-2C / 802.11a / 5 500 MHz



UNII-2C / 802.11a / 5 580 MHz



UNII-2C / 802.11a / 5 700 MHz



Blank