5725-5850 MHz:

Mode	Frequency (MHz)	Reading (dBm/300kHz)		Maximum Power Spectral Density (dBm/500kHz)			Limit (dBm/500kHz)
		Chain 0	Chain 1	Chain 0	Chain 1	Total	
802.11a	5745	6.22	6.98	8.44	9.2	/	30
	5785	5.93	7.25	8.15	9.47	/	30
	5825	4.97	6.65	7.19	8.87	/	30
802.11n ht20	5745	5.97	5.39	8.19	7.61	10.92	30
	5785	5.11	4.98	7.33	7.2	10.28	30
	5825	4.45	5.09	6.67	7.31	10.01	30
802.11n ht40	5755	1.50	0.88	3.72	3.1	6.43	30
	5795	1.19	1.02	3.41	3.24	6.34	30
802.11ac vht80	5775	0.71	-0.21	2.93	2.01	5.50	30

Note:
The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

$$\text{Array Gain} = 10 \log(N_{ANT}/N_{SS}) \text{ dB}.$$

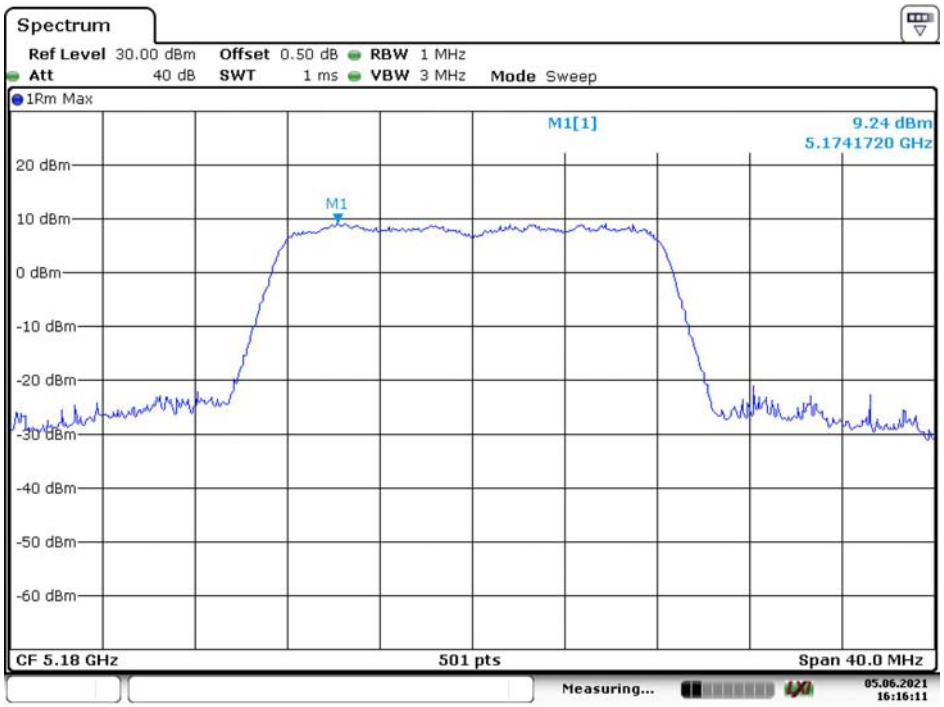
So:

Directional gain = G_{ANT} + Array Gain = 4.2dBi+10*log(2/1)=7.2 dBi for 5.2G Band
Directional gain = G_{ANT} + Array Gain = 5.3dBi+10*log(2/1)=8.3 dBi for 5.3G Band
Directional gain = G_{ANT} + Array Gain = 3.28dBi+10*log(2/1)=6.28 dBi for 5.6G Band
Directional gain = G_{ANT} + Array Gain = 2.9dBi+10*log(2/1)=5.9 dBi for 5.8G Band

For 5.8GHz band, If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
Method SA-3 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01was used for PSD test.

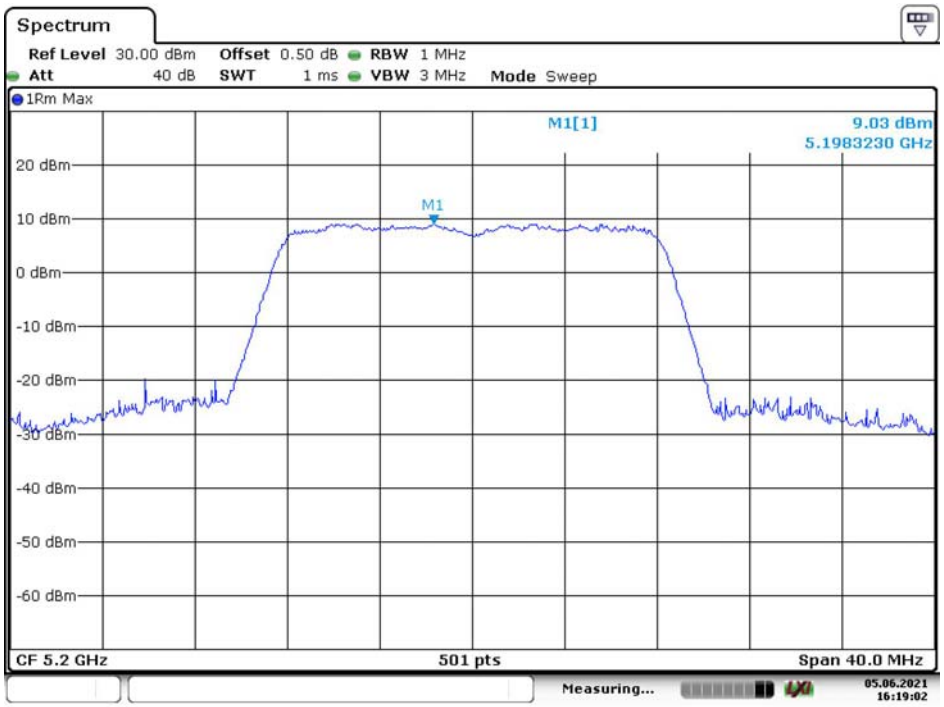
5150-5250MHz
Chain 0

802.11a Low Channel



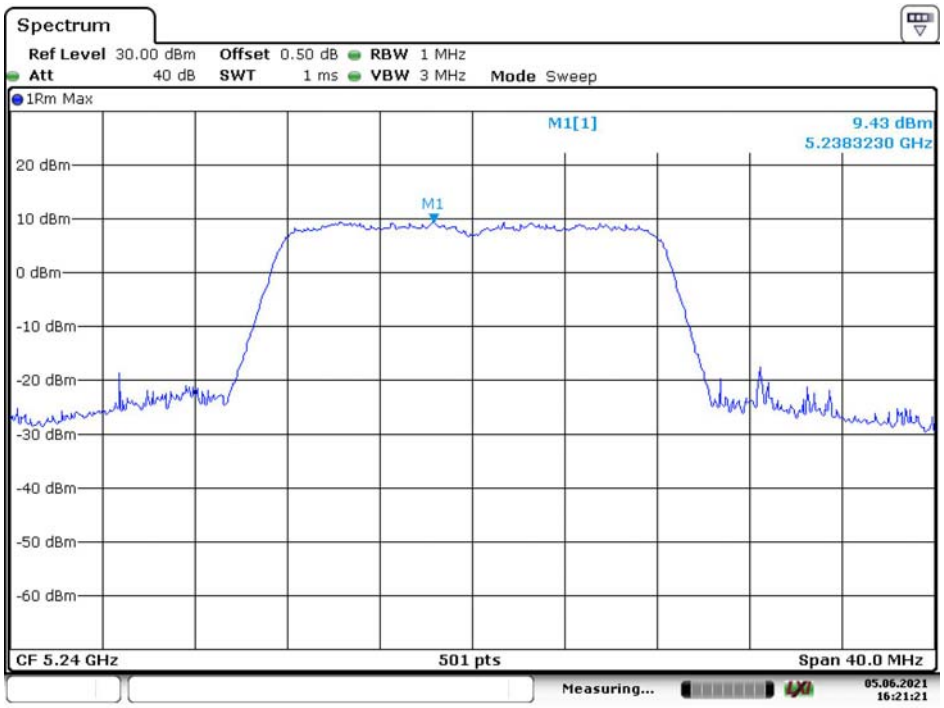
Date: 5.JUN.2021 16:16:12

802.11a Middle Channel



Date: 5.JUN.2021 16:19:03

802.11a High Channel

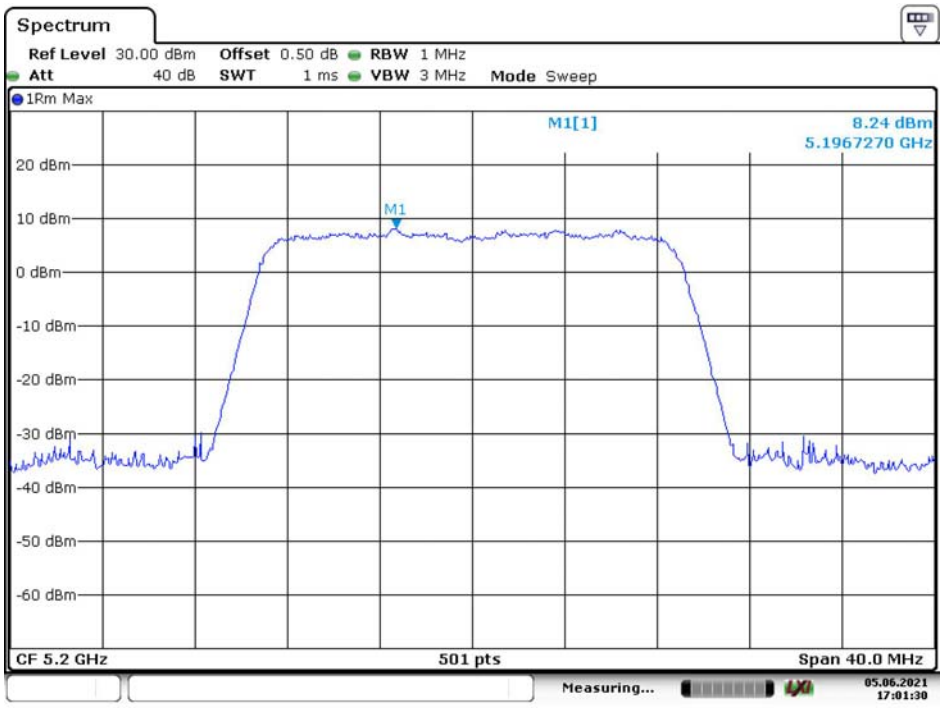


Date: 5.JUN.2021 16:21:21

802.11n ht20 Low Channel

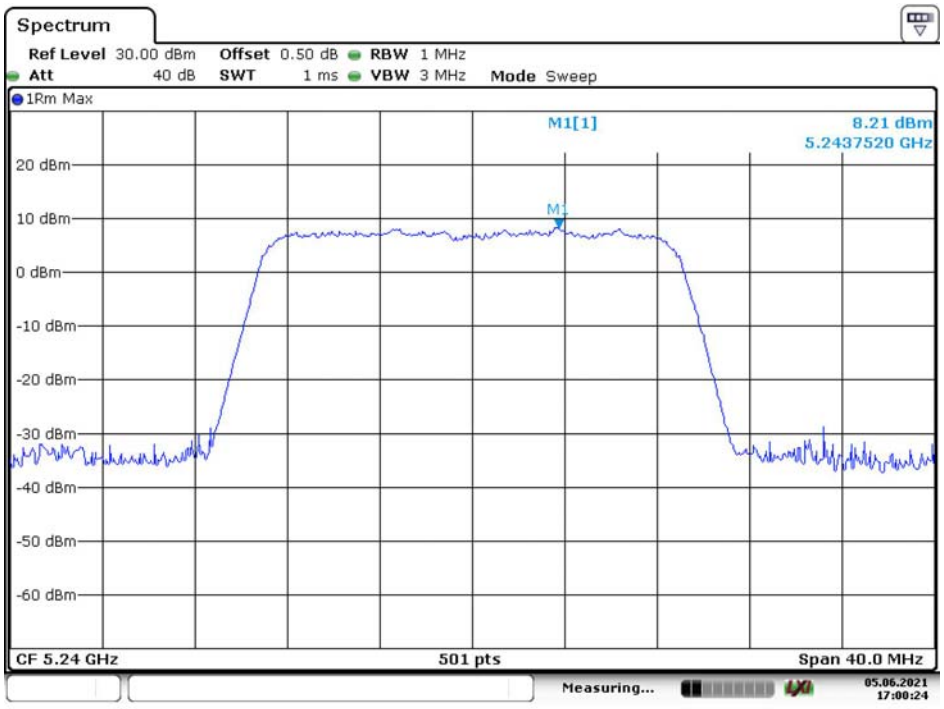
Date: 5.JUN.2021 17:04:16

802.11n ht20 Middle Channel



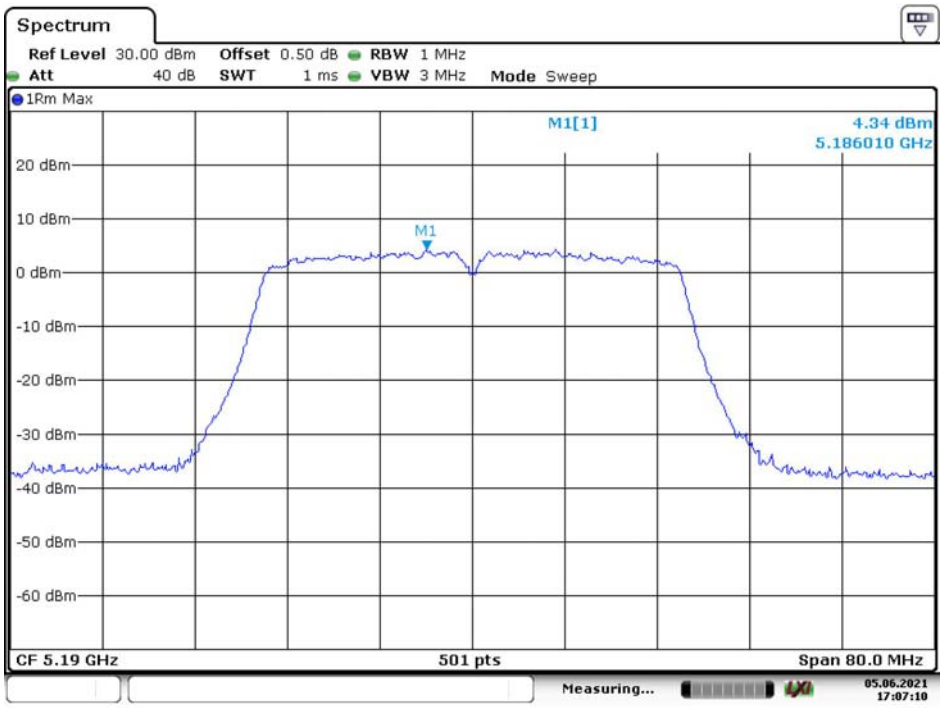
Date: 5.JUN.2021 17:01:30

802.11n ht20 High Channel



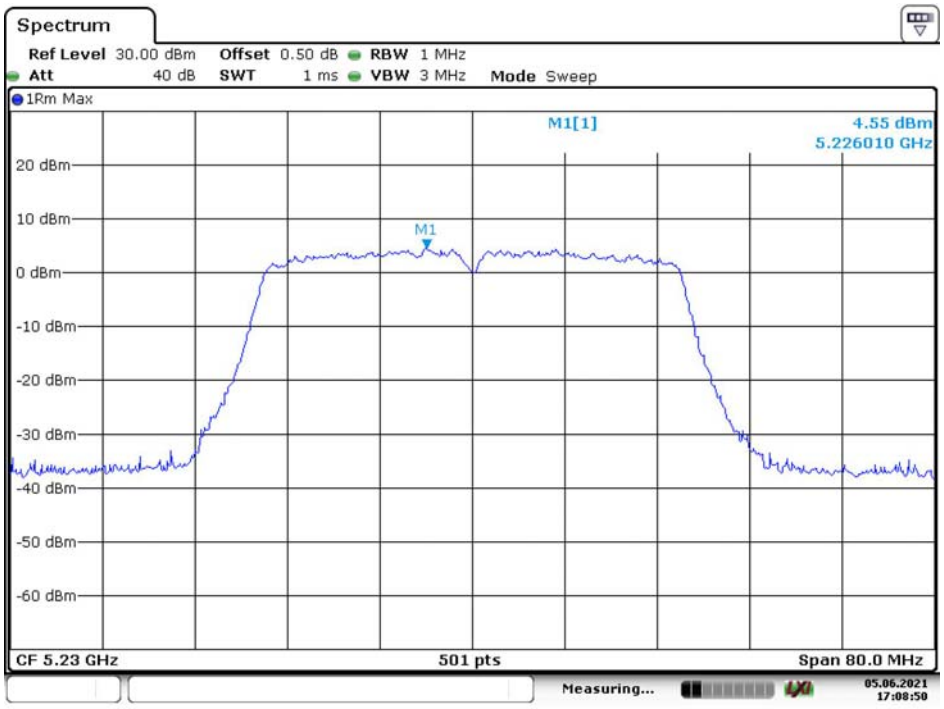
Date: 5.JUN.2021 17:00:23

802.11n ht40 Low Channel



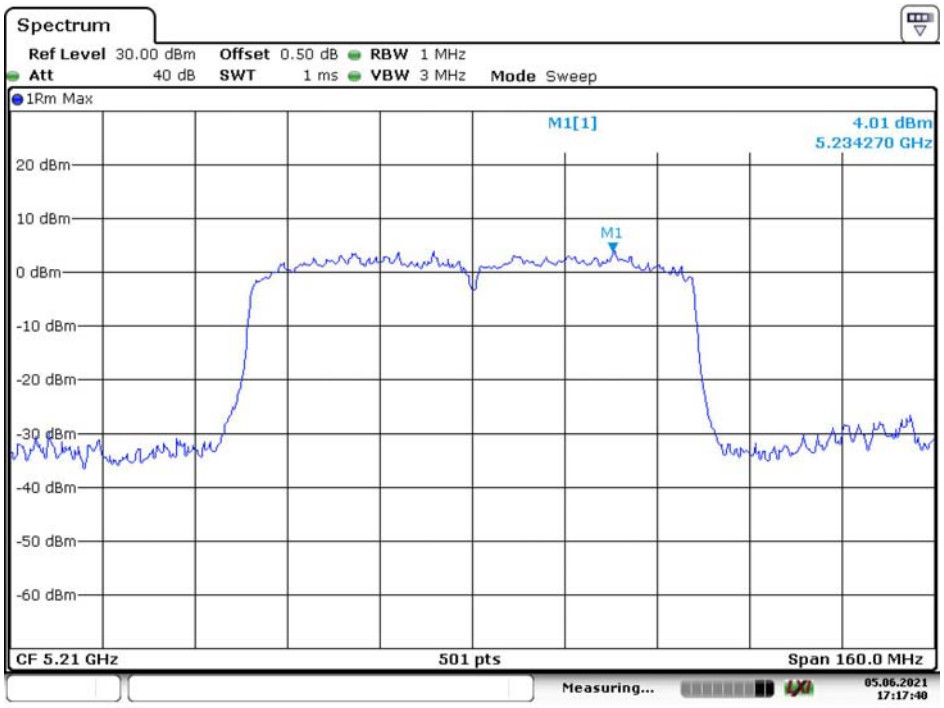
Date: 5.JUN.2021 17:07:10

802.11n ht40 High Channel



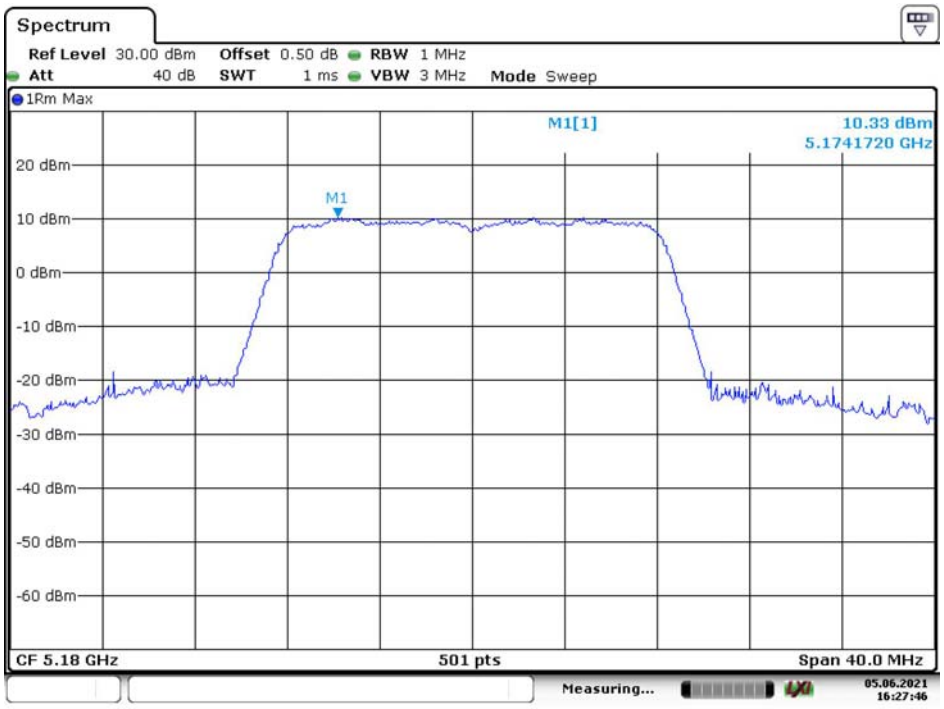
Date: 5.JUN.2021 17:08:50

802.11ac vht80 Middle Channel



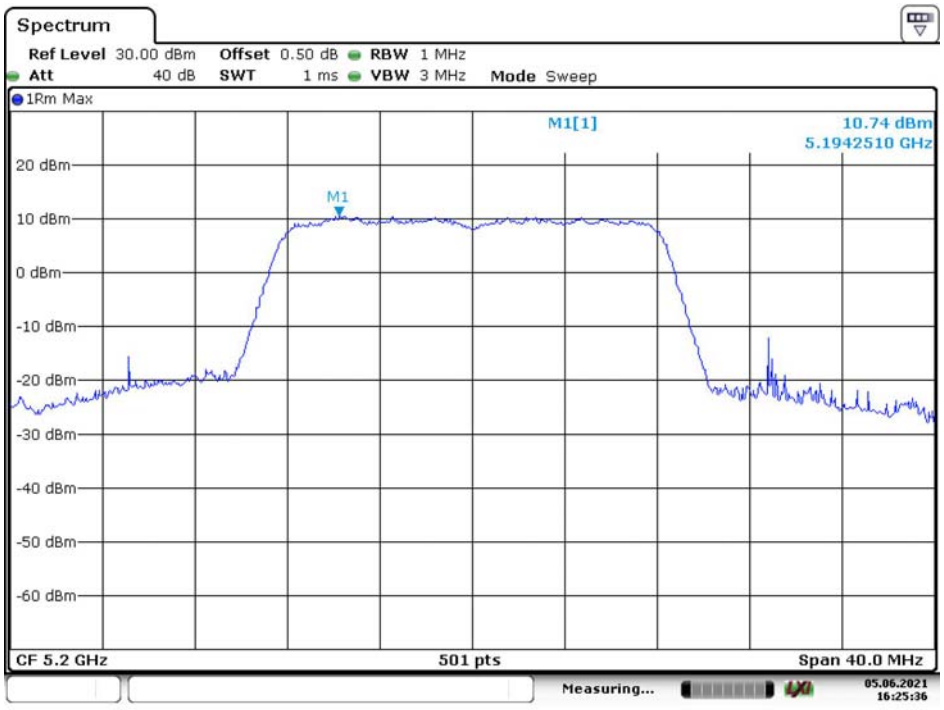
Chain 1

802.11a Low Channel



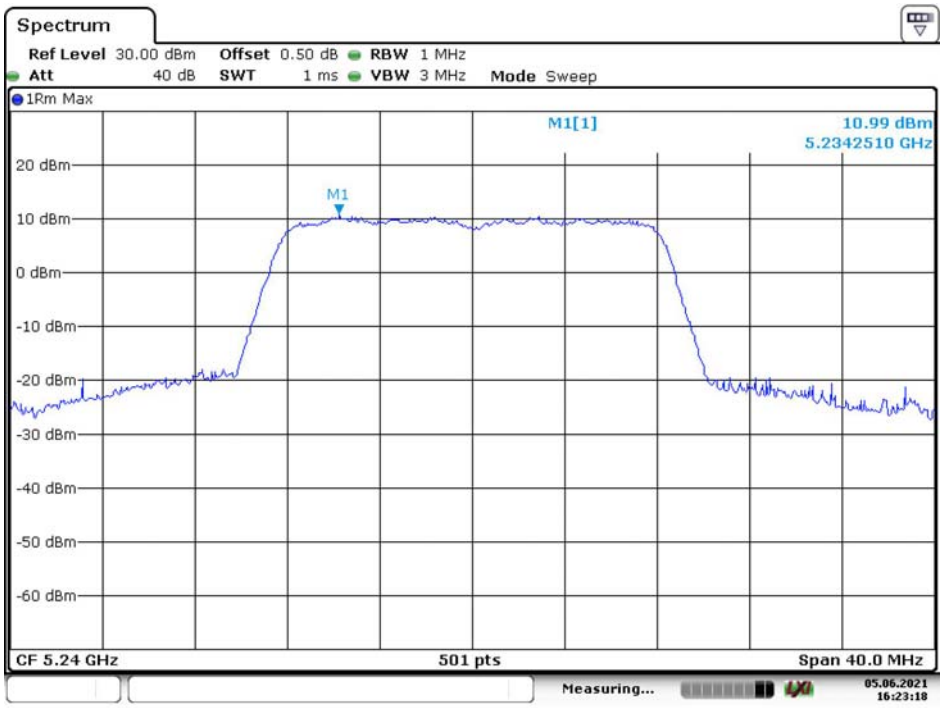
Date: 5.JUN.2021 16:27:46

802.11a Middle Channel



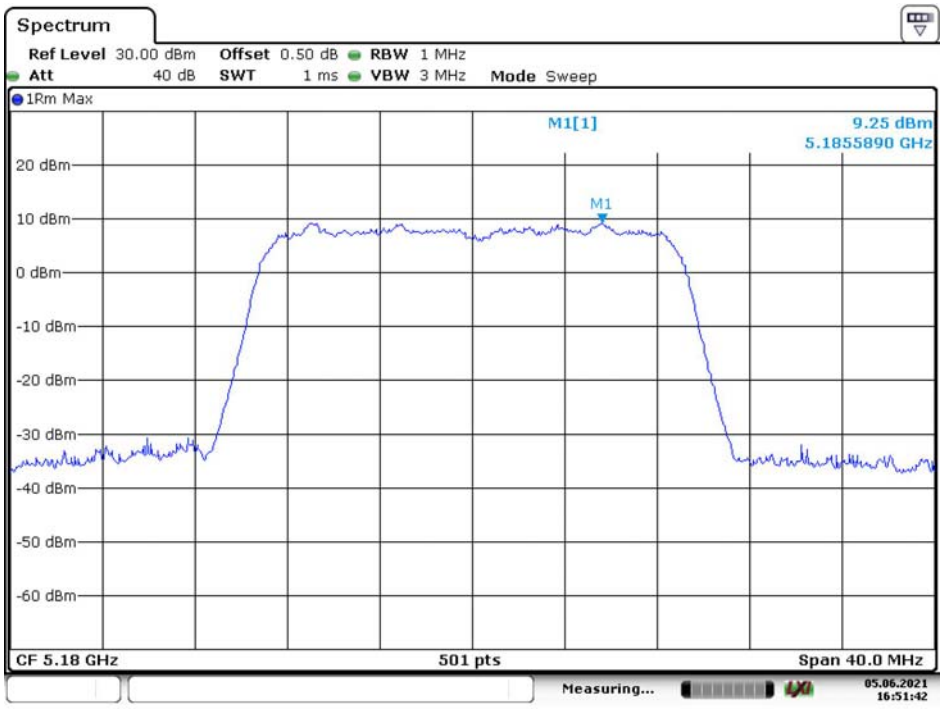
Date: 5.JUN.2021 16:25:36

802.11a High Channel



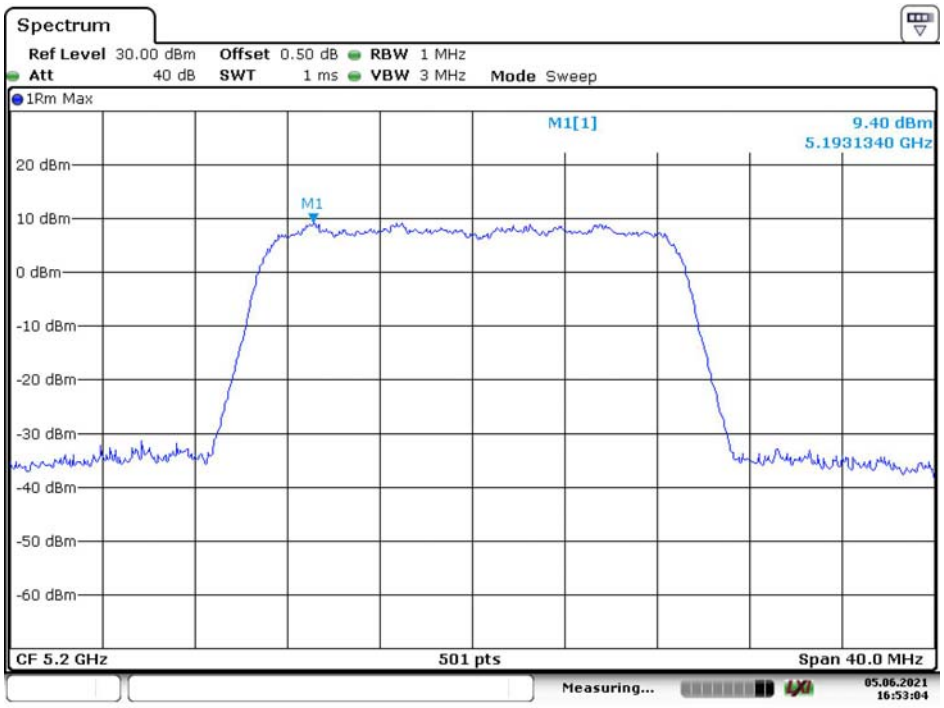
Date: 5.JUN.2021 16:23:19

802.11n ht20 Low Channel



Date: 5.JUN.2021 16:51:42

802.11n ht20 Middle Channel

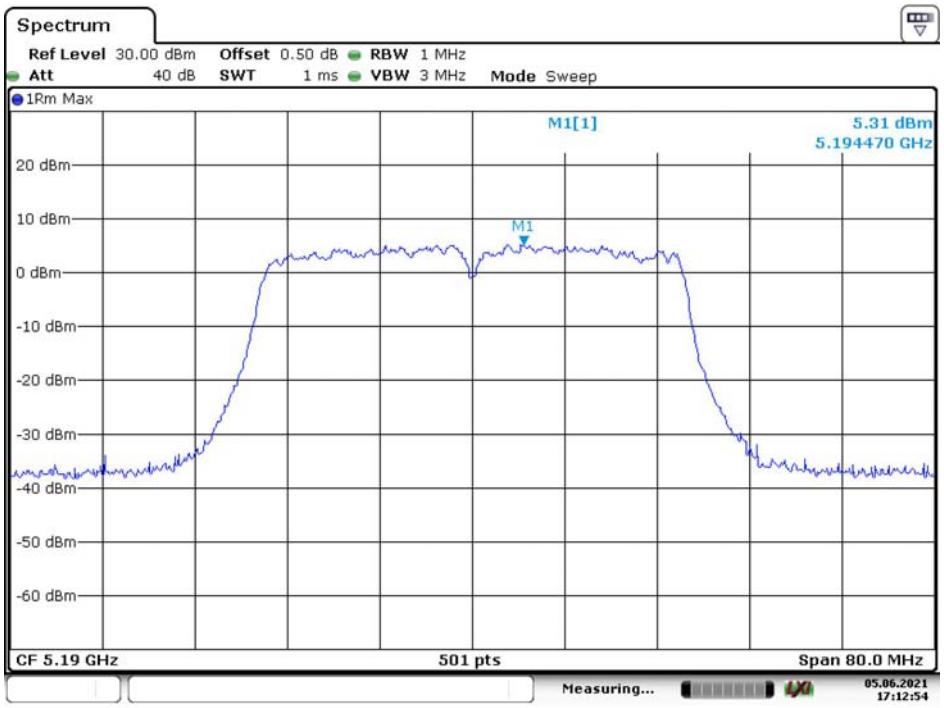


Date: 5.JUN.2021 16:53:04

802.11n ht20 High Channel

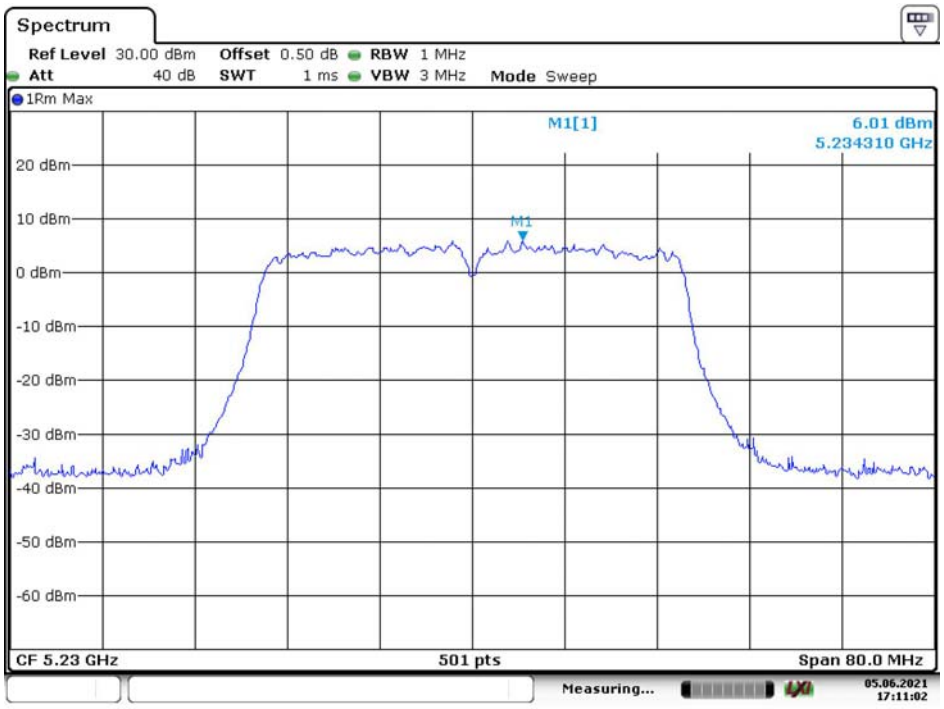
Date: 5.JUN.2021 16:57:55

802.11n ht40 Low Channel



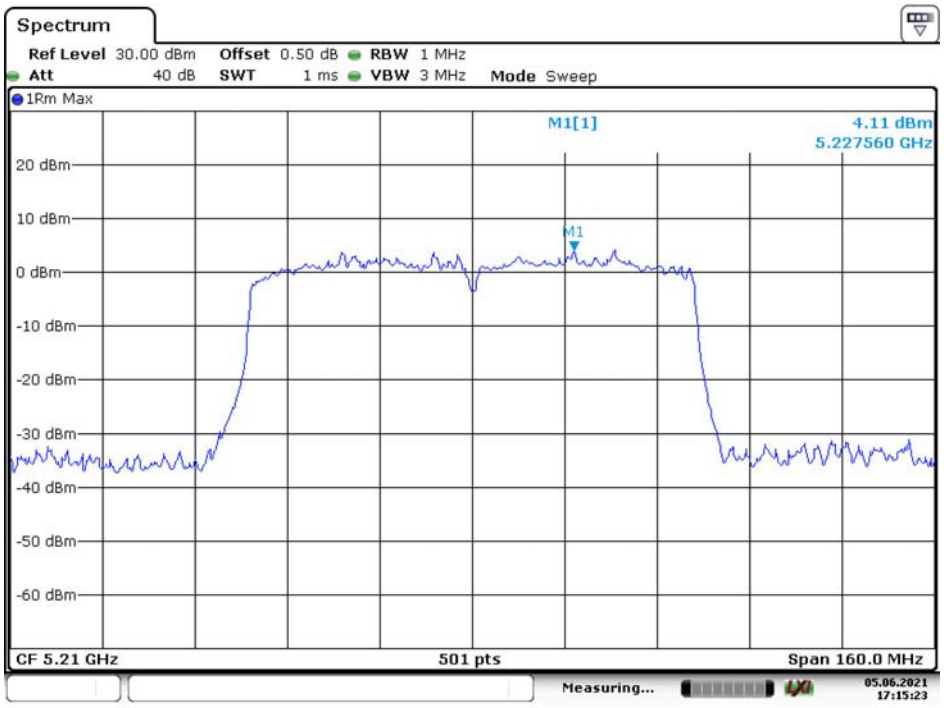
Date: 5.JUN.2021 17:12:54

802.11n ht40 High Channel



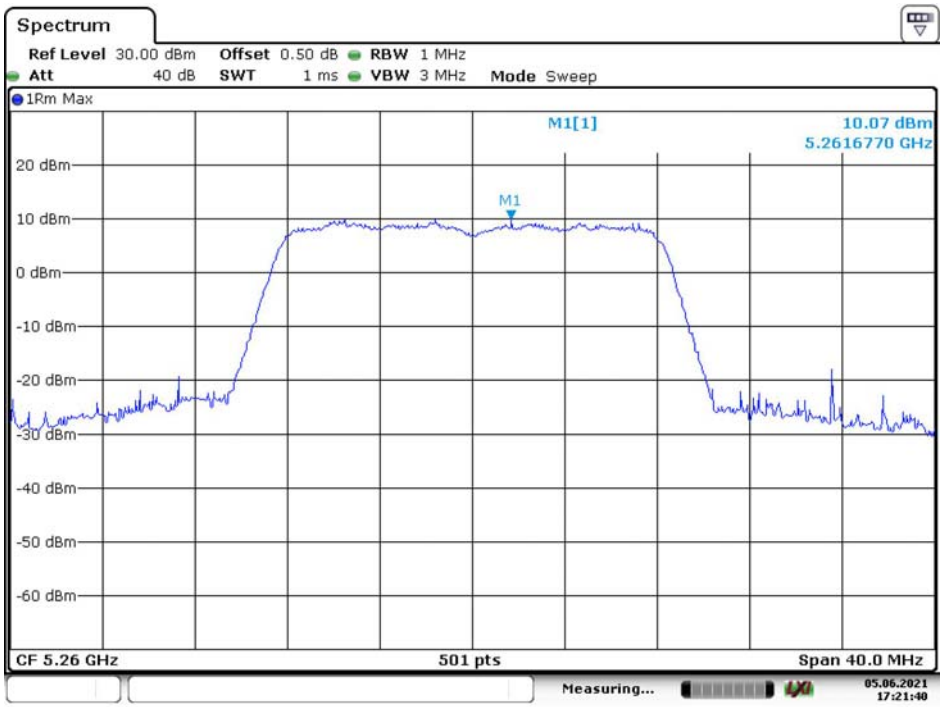
Date: 5.JUN.2021 17:11:02

802.11ac vht80 Middle Channel



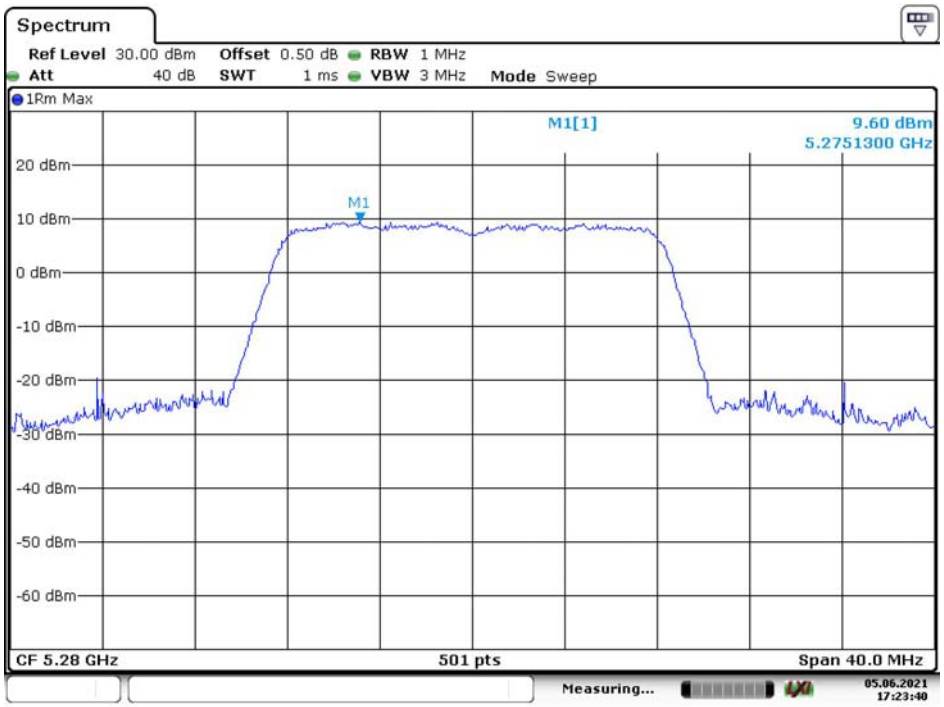
5250-5350MHz
Chain 0

802.11a Low Channel



Date: 5.JUN.2021 17:21:39

802.11a Middle Channel

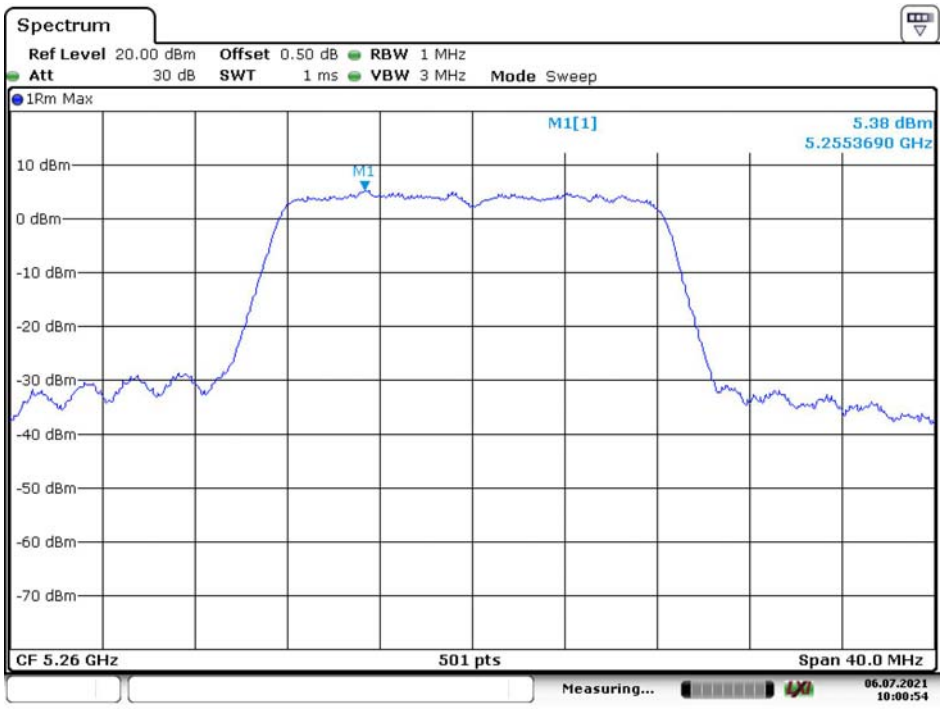


Date: 5.JUN.2021 17:23:40

802.11a High Channel

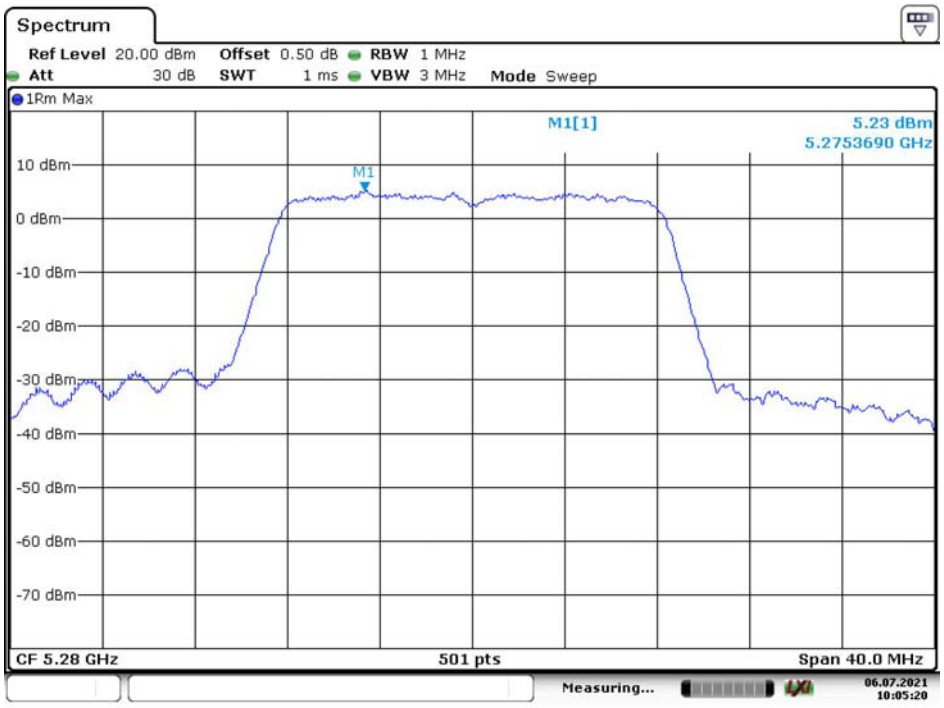
Date: 5.JUN.2021 17:25:24

802.11n ht20 Low Channel



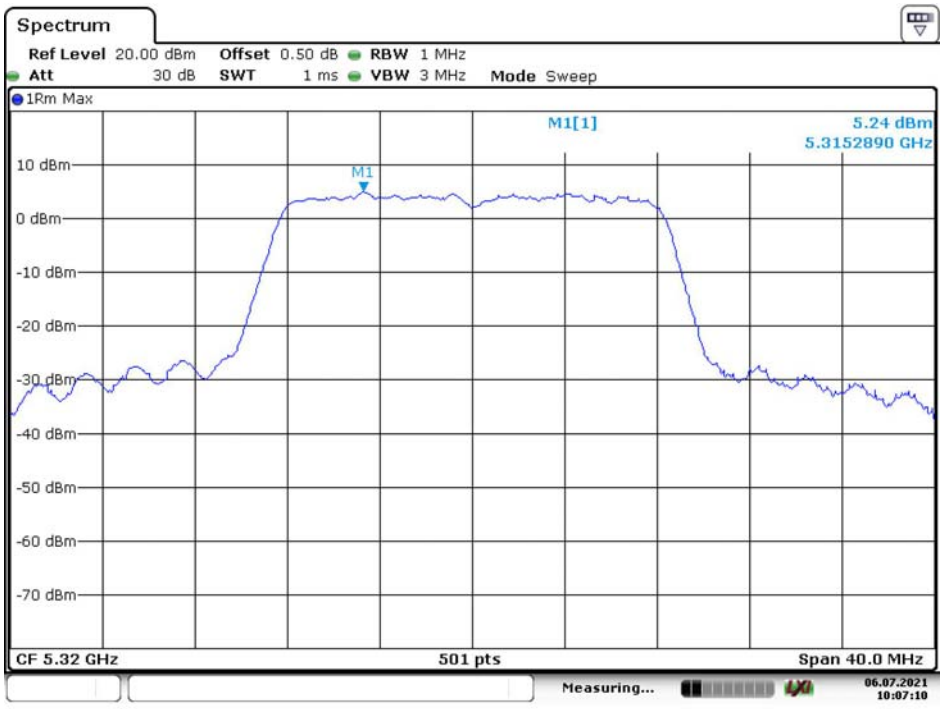
Date: 6.JUL.2021 10:00:55

802.11n ht20 Middle Channel



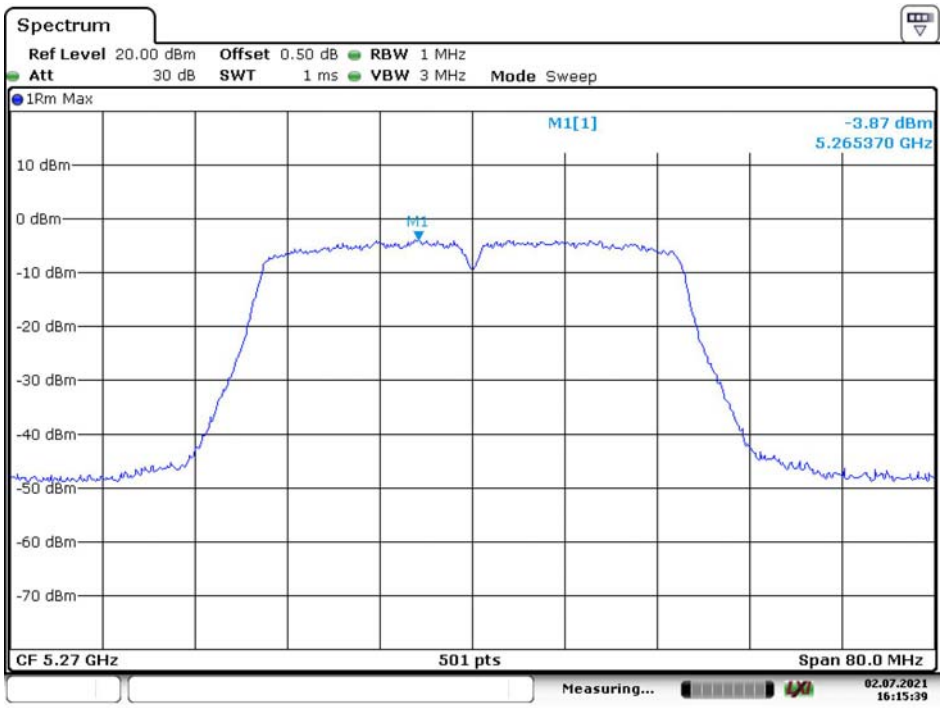
Date: 6.JUL.2021 10:05:20

802.11n ht20 High Channel



Date: 6.JUL.2021 10:07:10

802.11n ht40 Low Channel

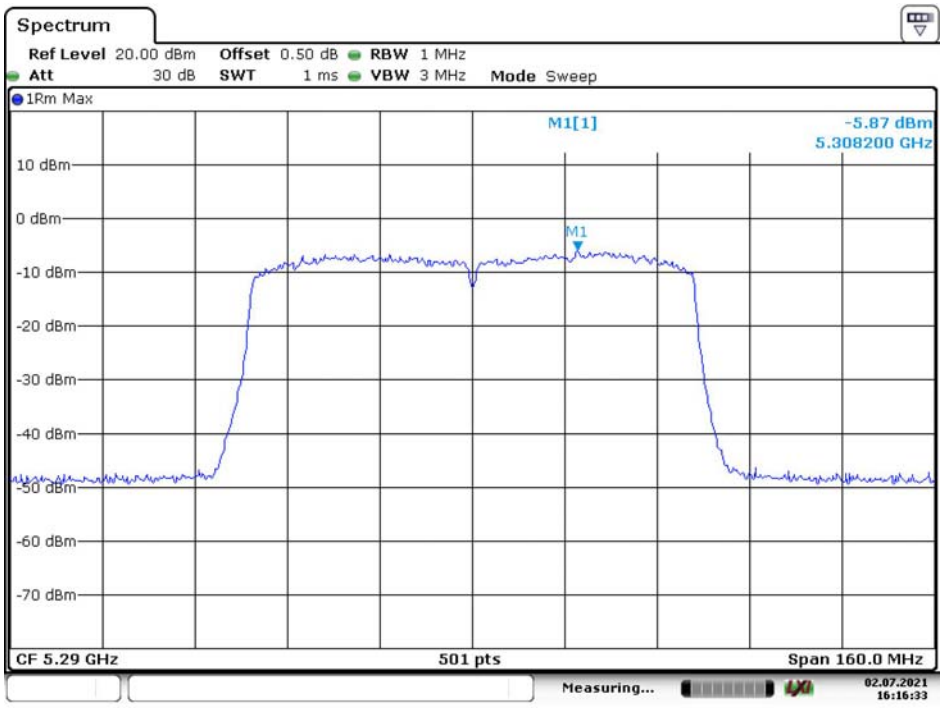


Date: 2.JUL.2021 16:15:39

802.11n ht40 High Channel

Date: 2.JUL.2021 16:11:04

802.11ac vht80 Middle Channel

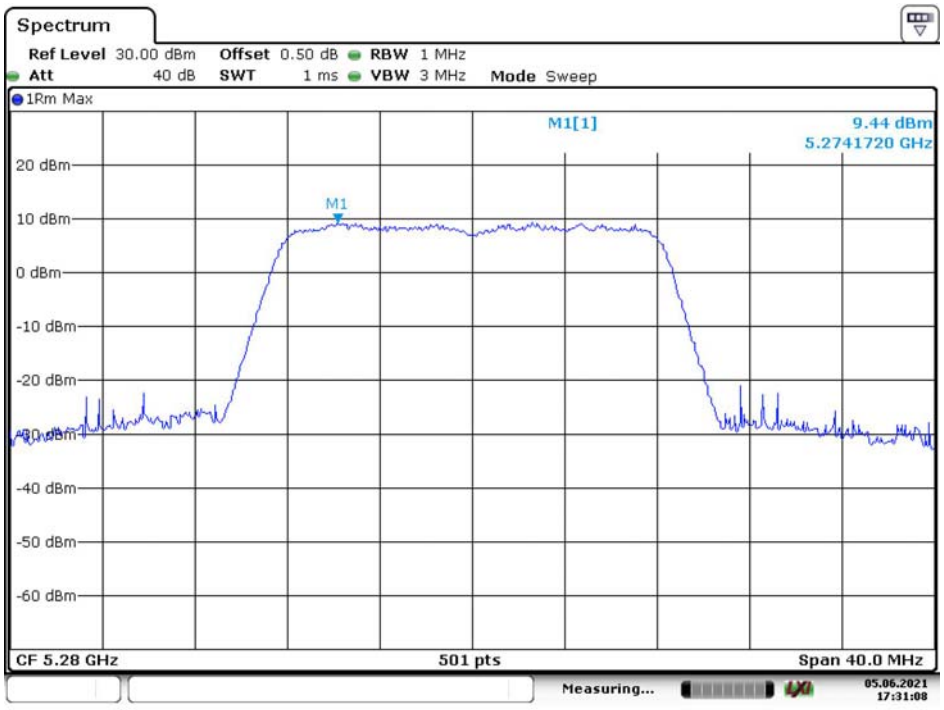


Chain 1

802.11a Low Channel

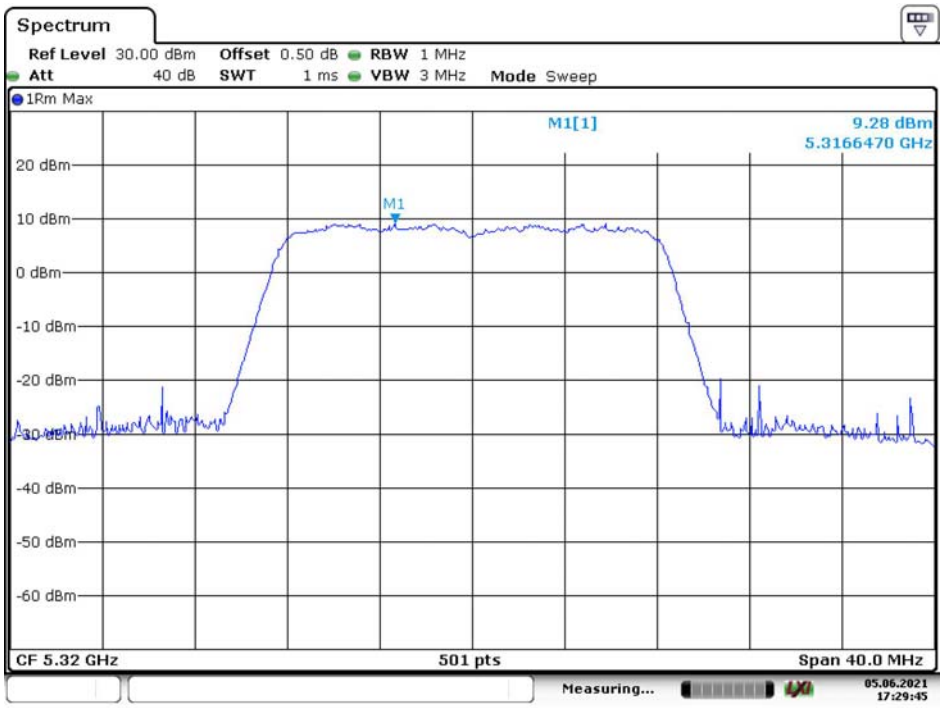
Date: 5.JUN.2021 17:32:27

802.11a Middle Channel



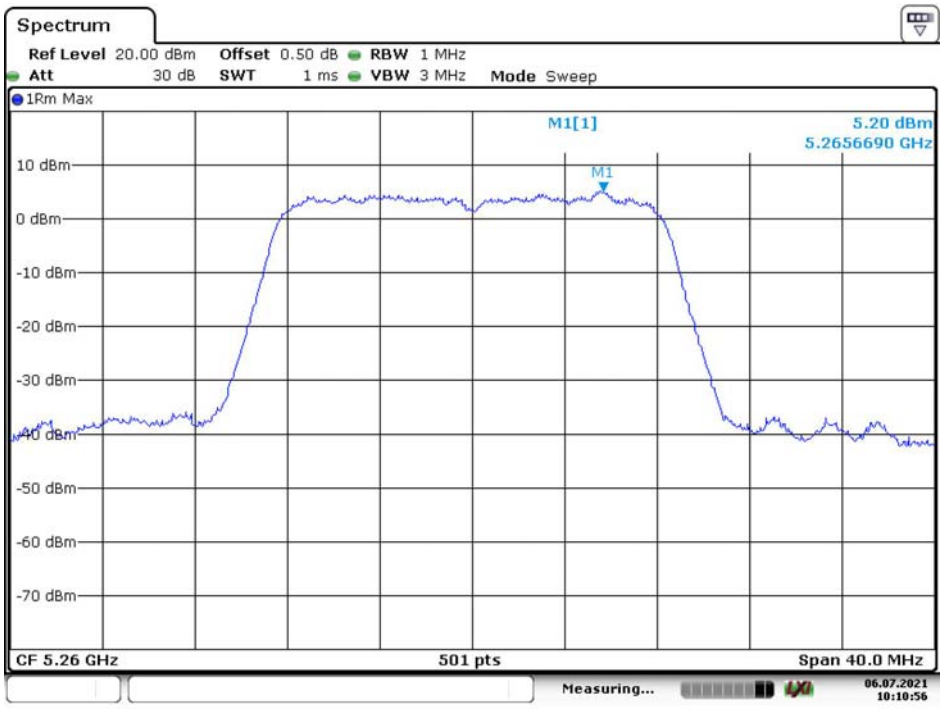
Date: 5.JUN.2021 17:31:08

802.11a High Channel



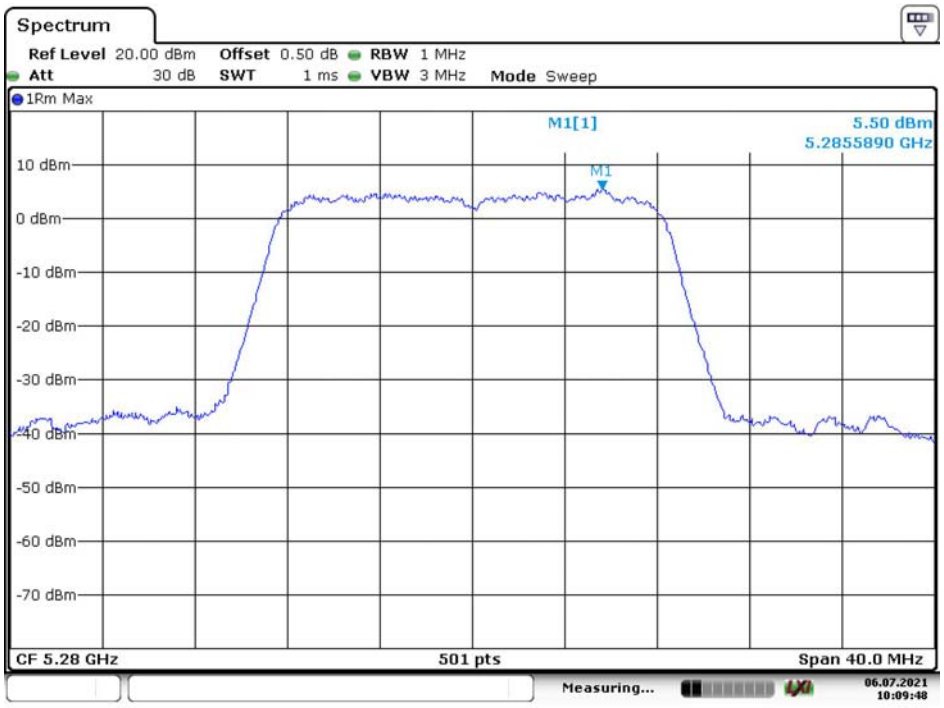
Date: 5.JUN.2021 17:29:44

802.11n ht20 Low Channel



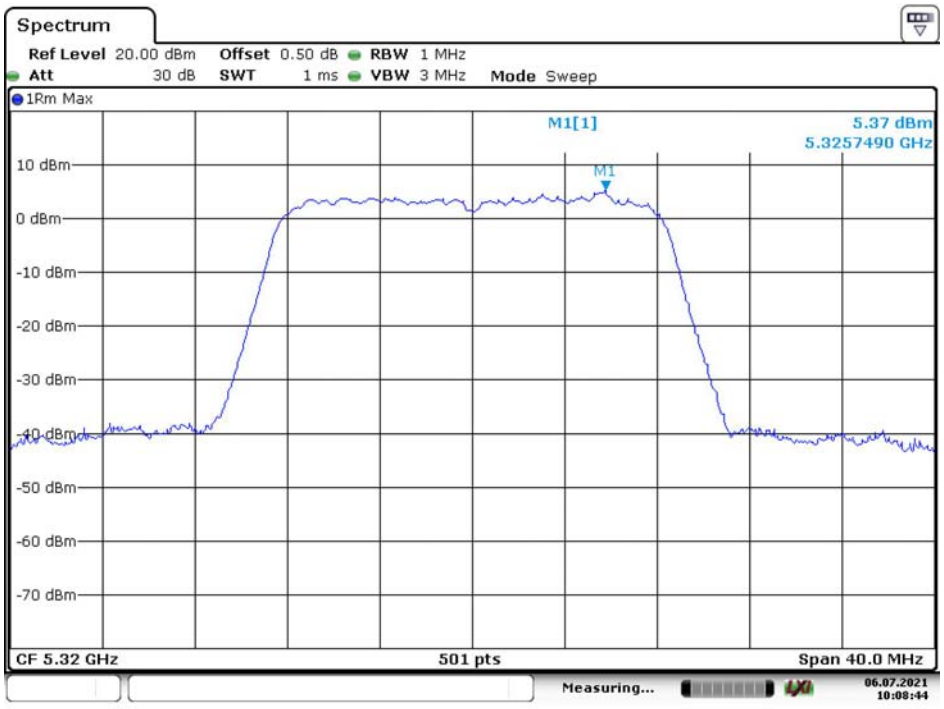
Date: 6.JUL.2021 10:10:56

802.11n ht20 Middle Channel



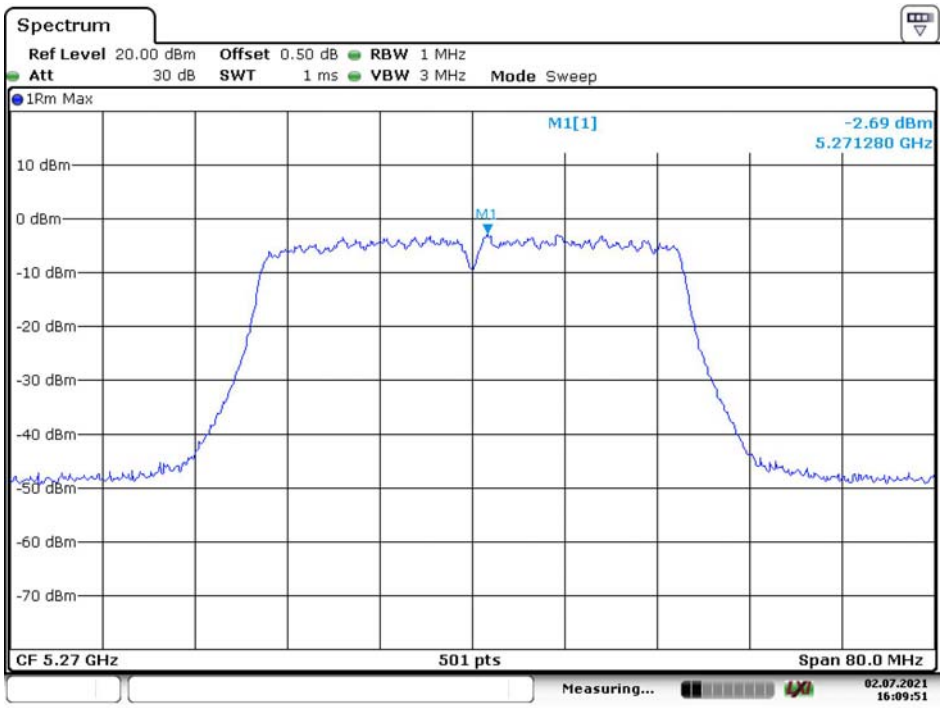
Date: 6.JUL.2021 10:09:48

802.11n ht20 High Channel



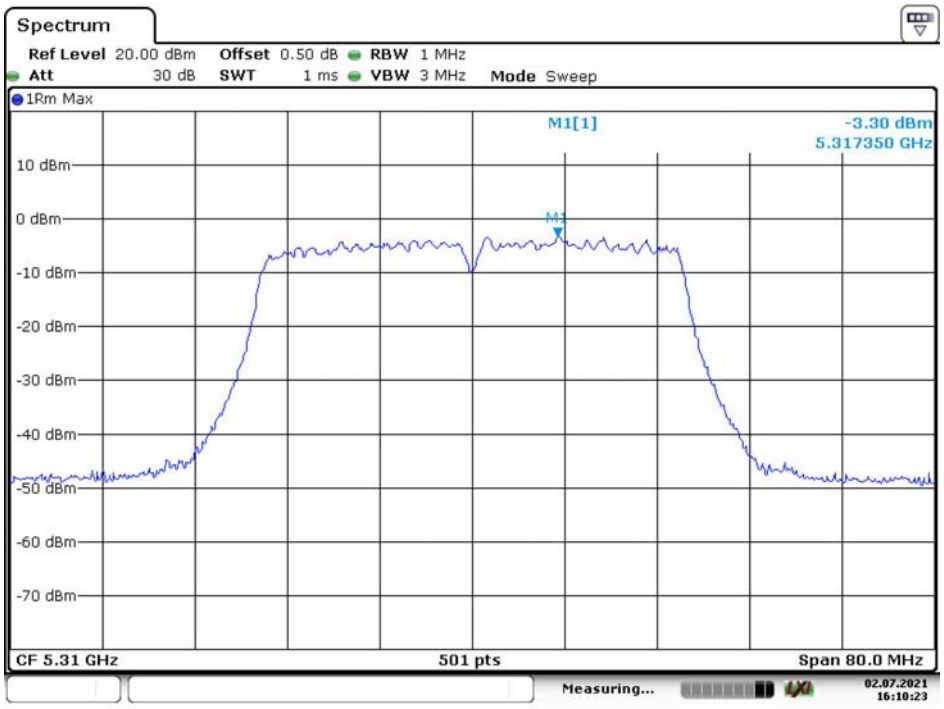
Date: 6.JUL.2021 10:08:44

802.11n ht40 Low Channel



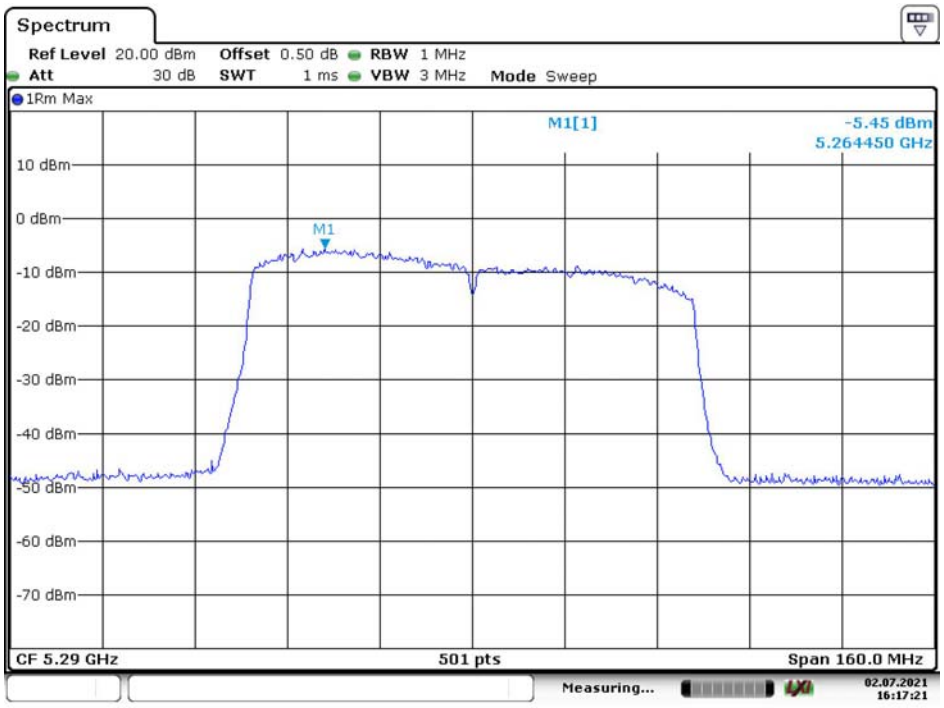
Date: 2.JUL.2021 16:09:52

802.11n ht40 High Channel



Date: 2.JUL.2021 16:10:24

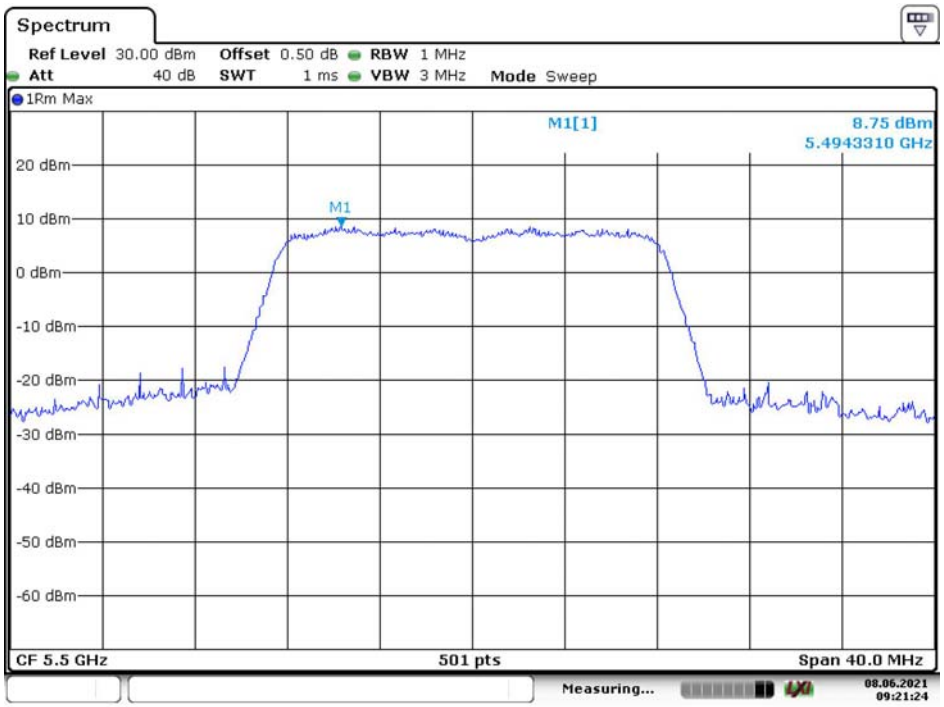
802.11ac vht80 Middle Channel



Date: 2.JUL.2021 16:17:22

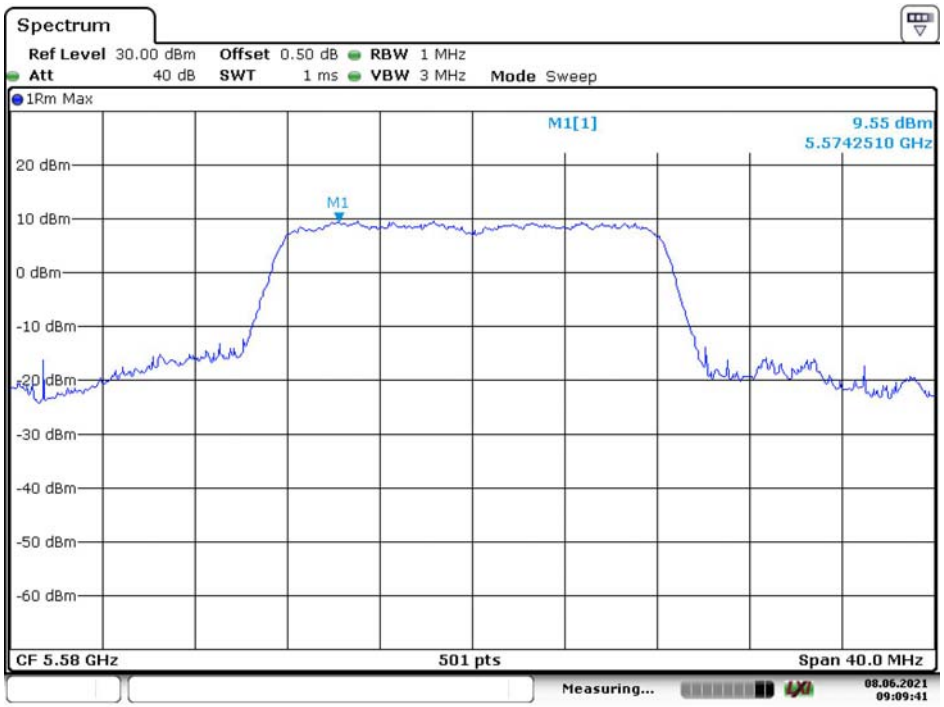
5470-5725MHz
Chain 0

802.11a Low Channel



Date: 8.JUN.2021 09:21:24

802.11a Middle Channel

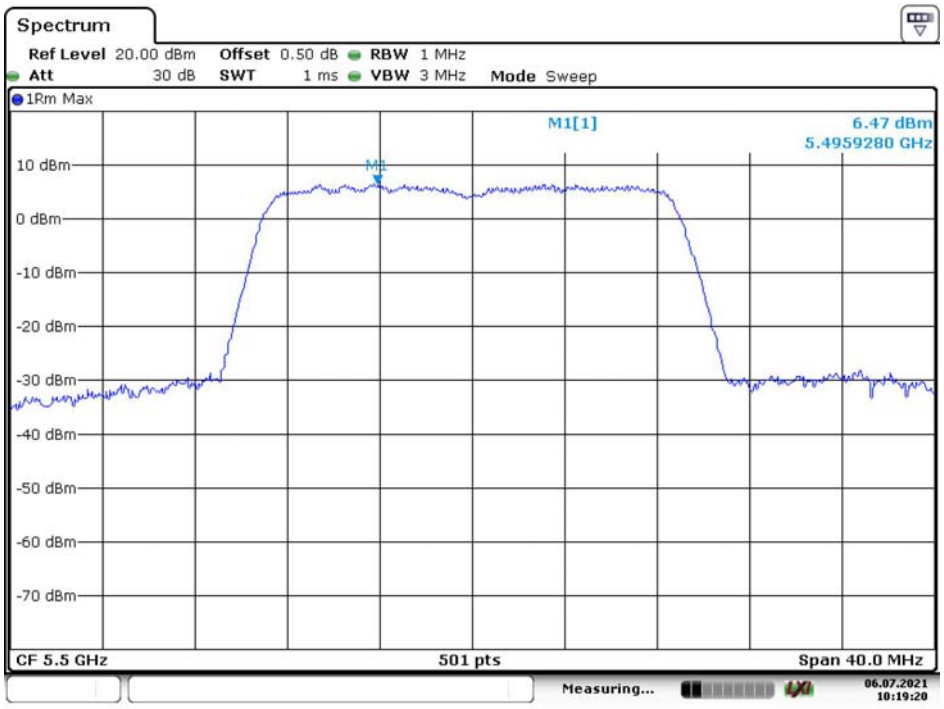


Date: 8.JUN.2021 09:09:42

802.11a High Channel

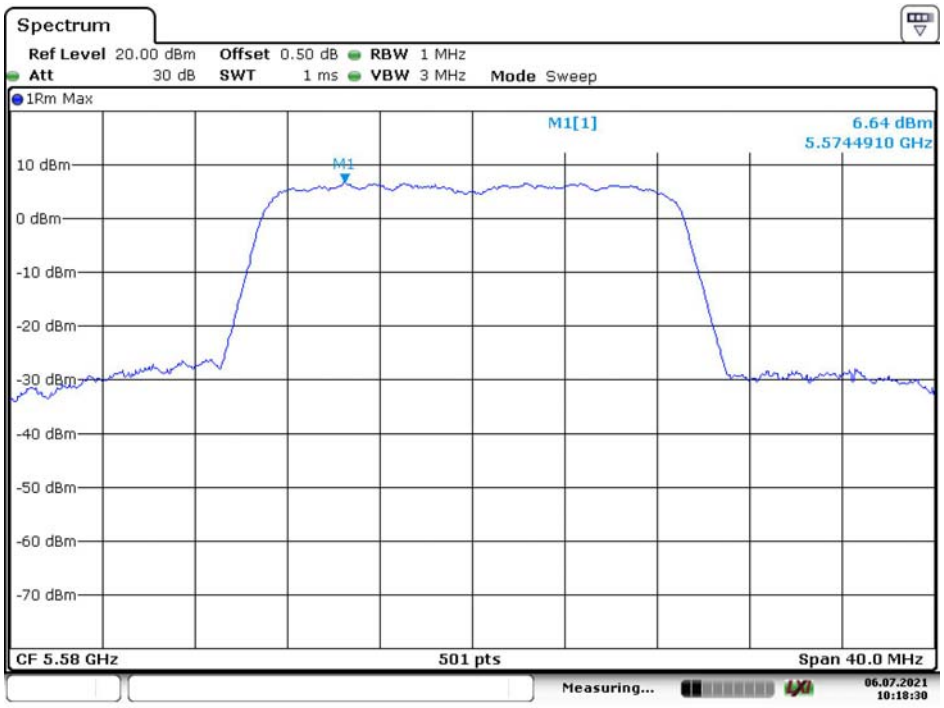
Date: 8.JUN.2021 09:11:45

802.11n ht20 Low Channel



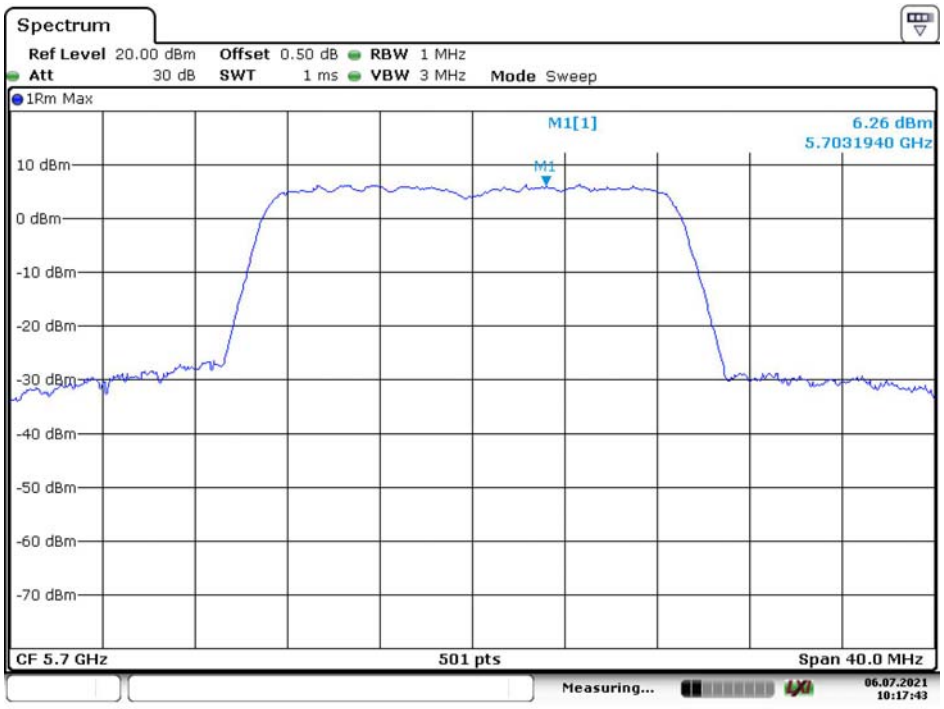
Date: 6.JUL.2021 10:19:20

802.11n ht20 Middle Channel



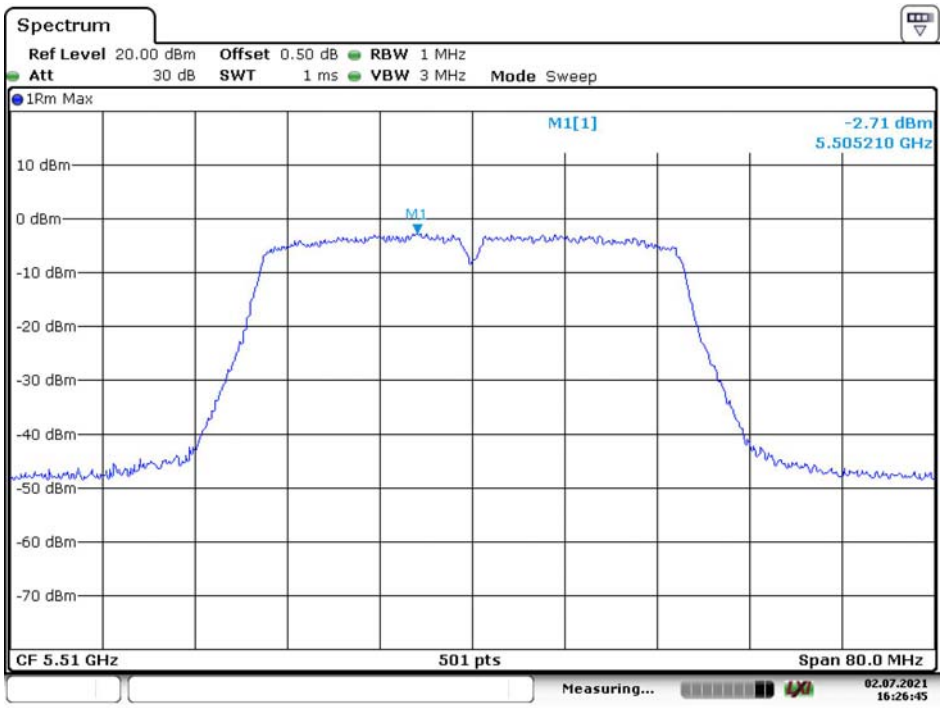
Date: 6.JUL.2021 10:18:30

802.11n ht20 High Channel



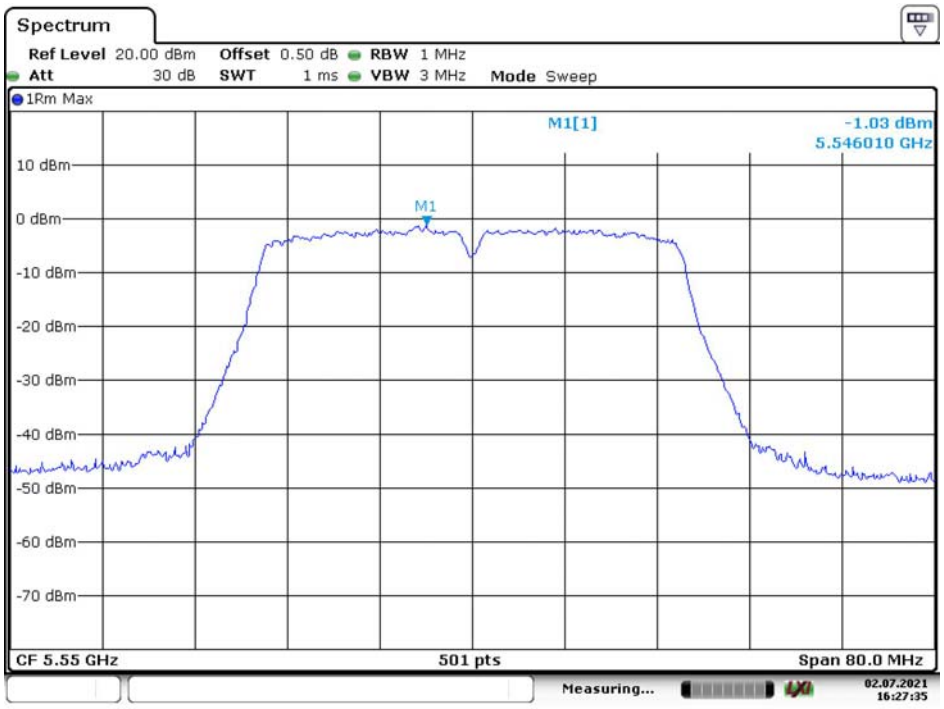
Date: 6.JUL.2021 10:17:43

802.11n ht40 Low Channel



Date: 2.JUL.2021 16:26:45

802.11n ht40 Middle Channel

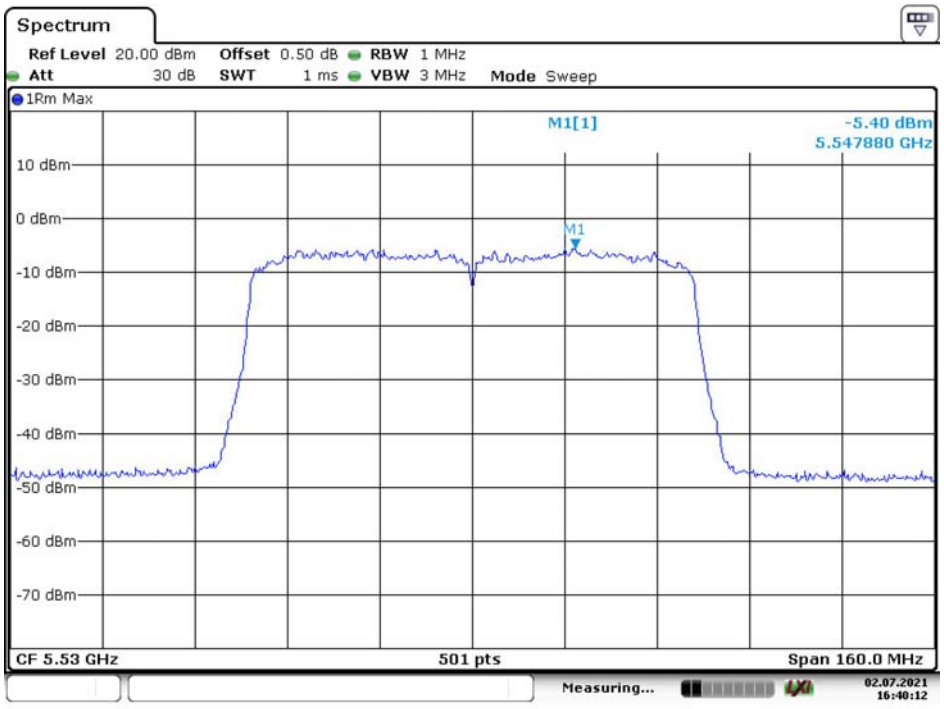


Date: 2.JUL.2021 16:27:35

802.11n ht40 High Channel

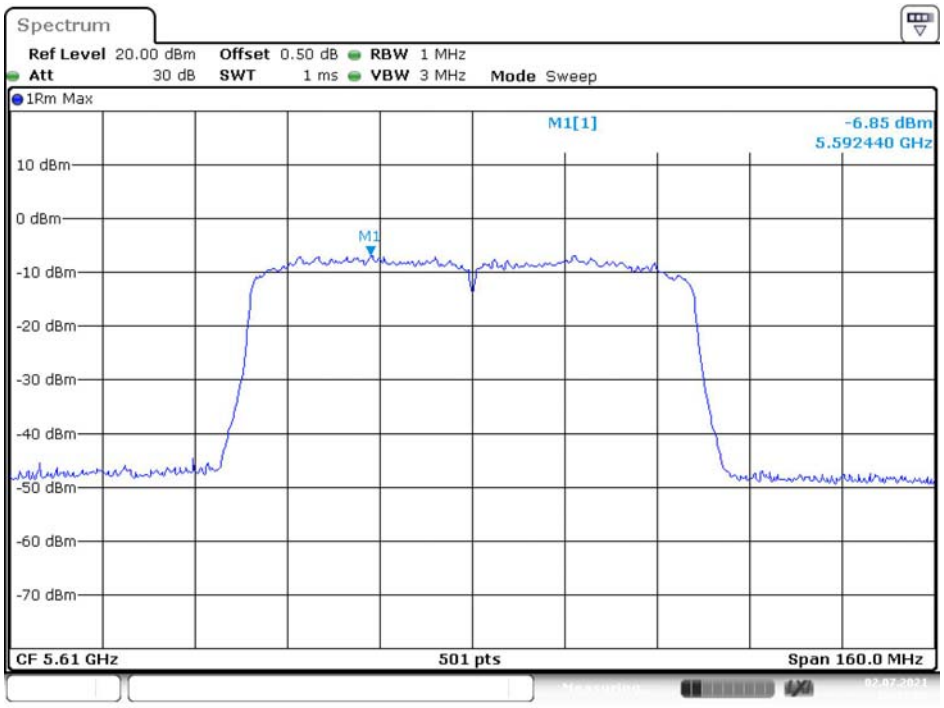
Date: 2.JUL.2021 16:28:32

802.11ac vht80 Low Channel



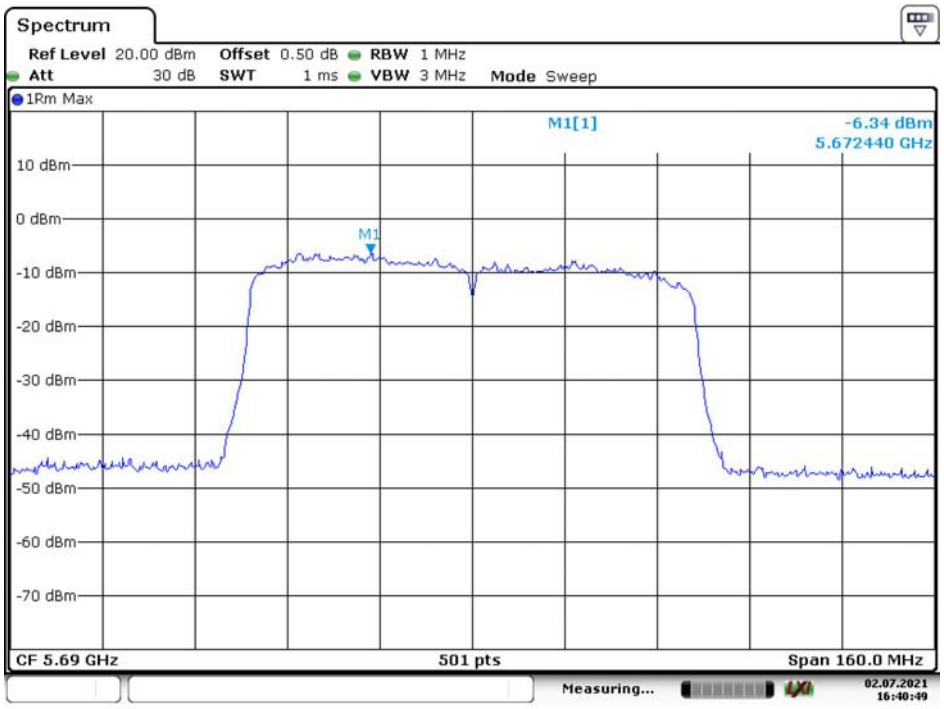
Date: 2.JUL.2021 16:40:12

802.11ac vht80 Middle Channel



Date: 2.JUL.2021 16:42:02

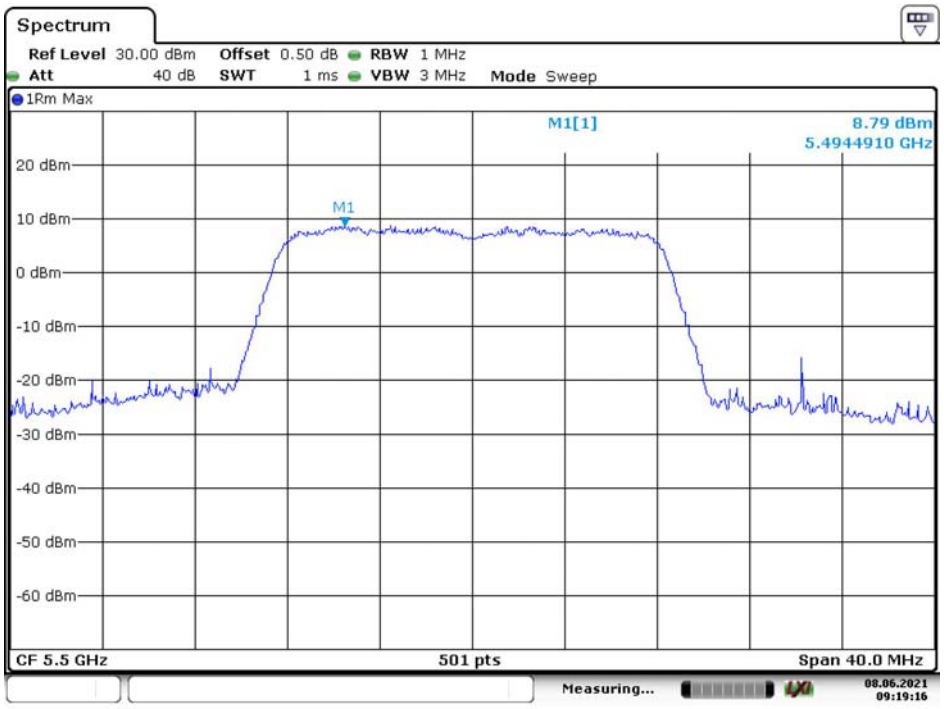
802.11ac vht80 High Channel



Date: 2.JUL.2021 16:40:50

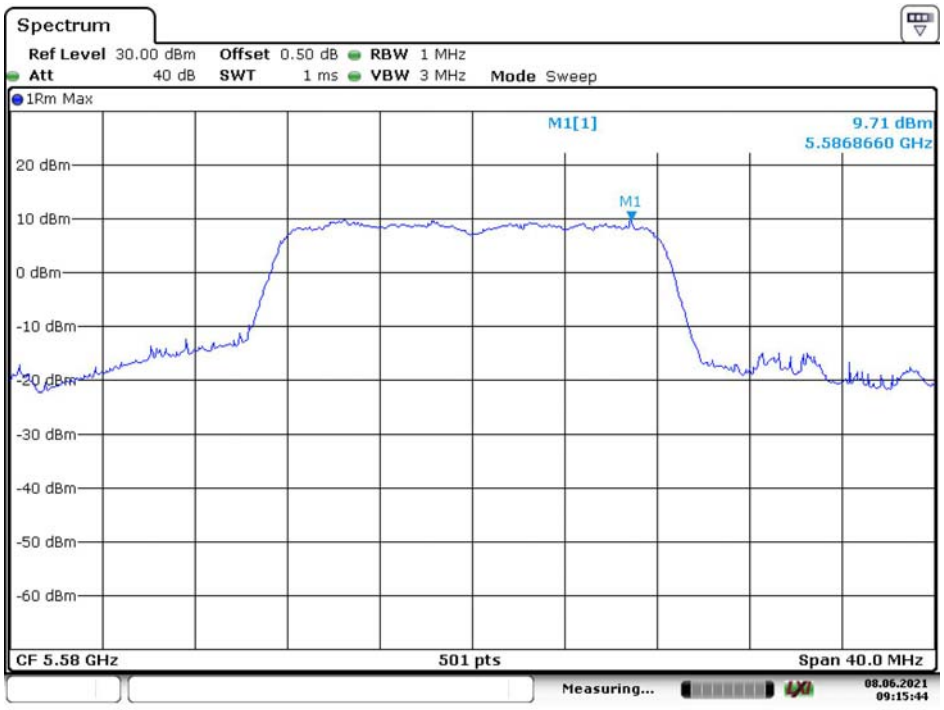
Chain 1

802.11a Low Channel



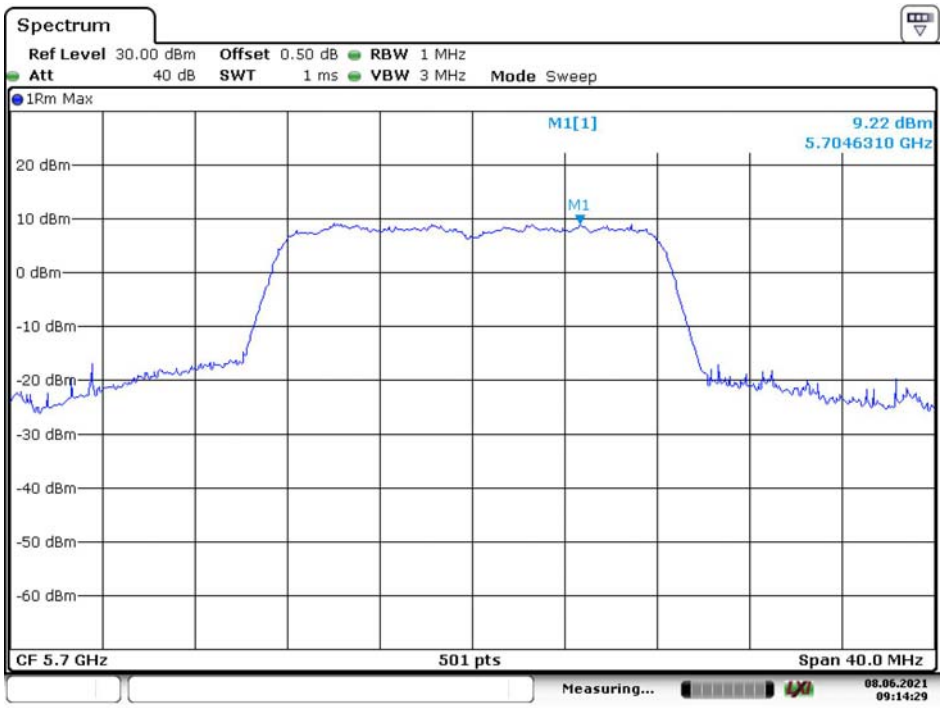
Date: 8.JUN.2021 09:19:17

802.11a Middle Channel



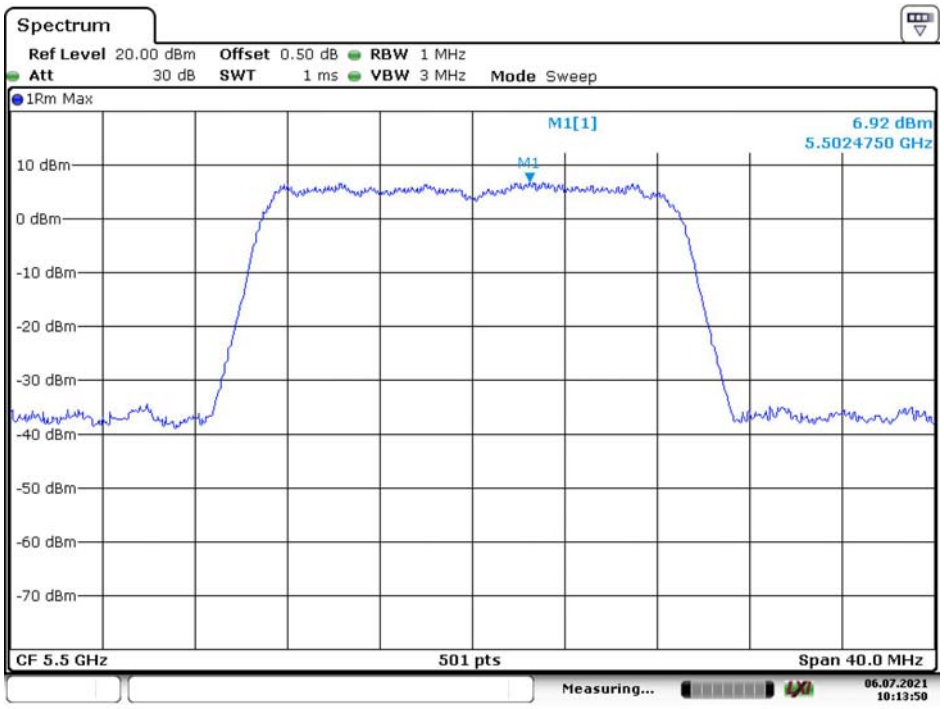
Date: 8.JUN.2021 09:15:44

802.11a High Channel



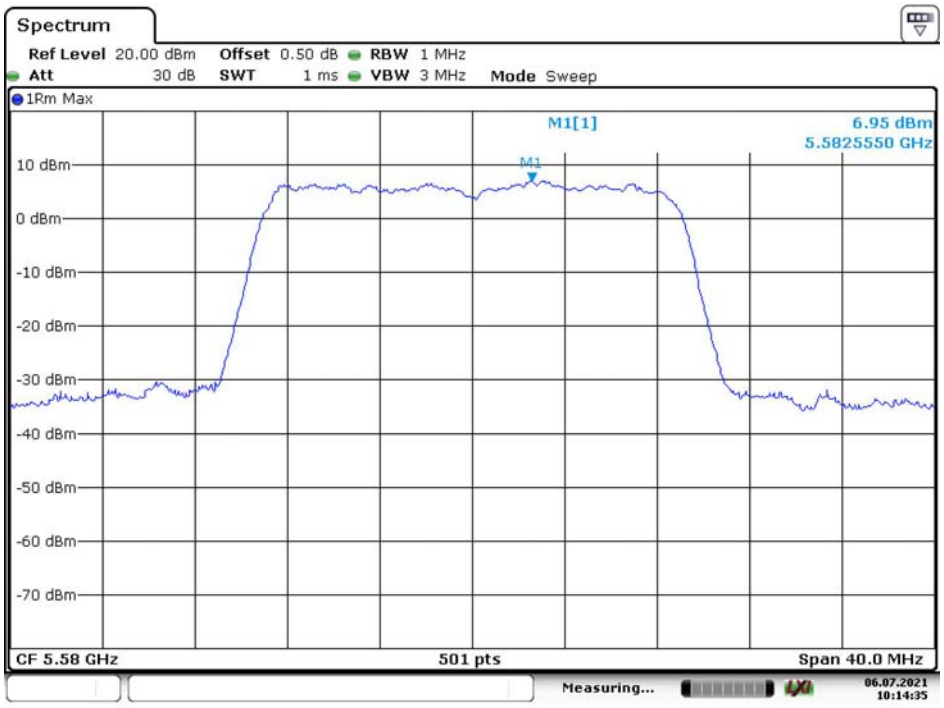
Date: 8.JUN.2021 09:14:29

802.11n ht20 Low Channel



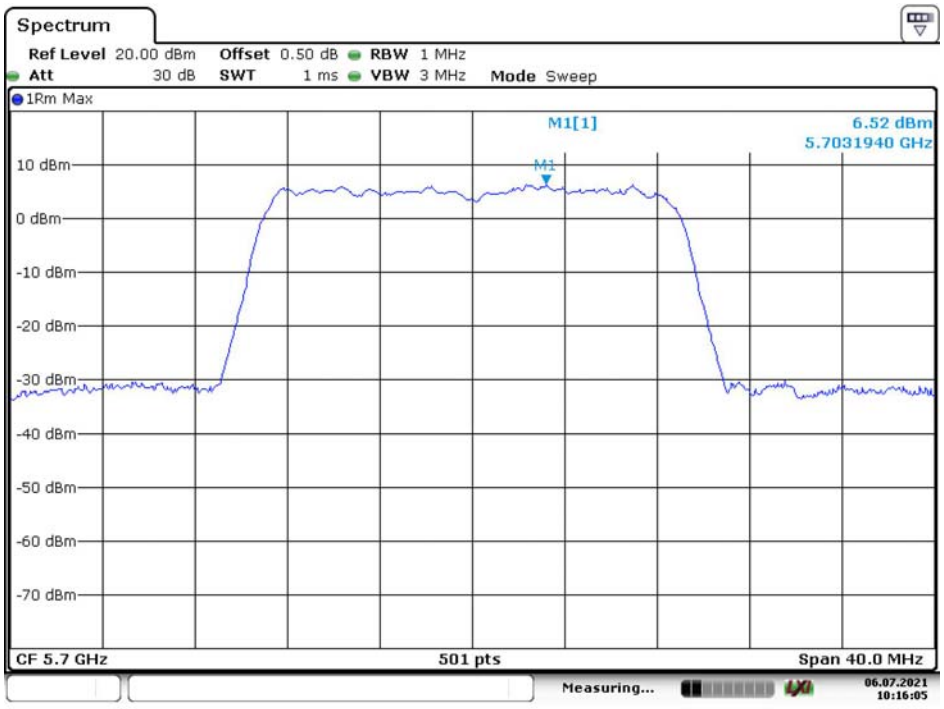
Date: 6.JUL.2021 10:13:50

802.11n ht20 Middle Channel



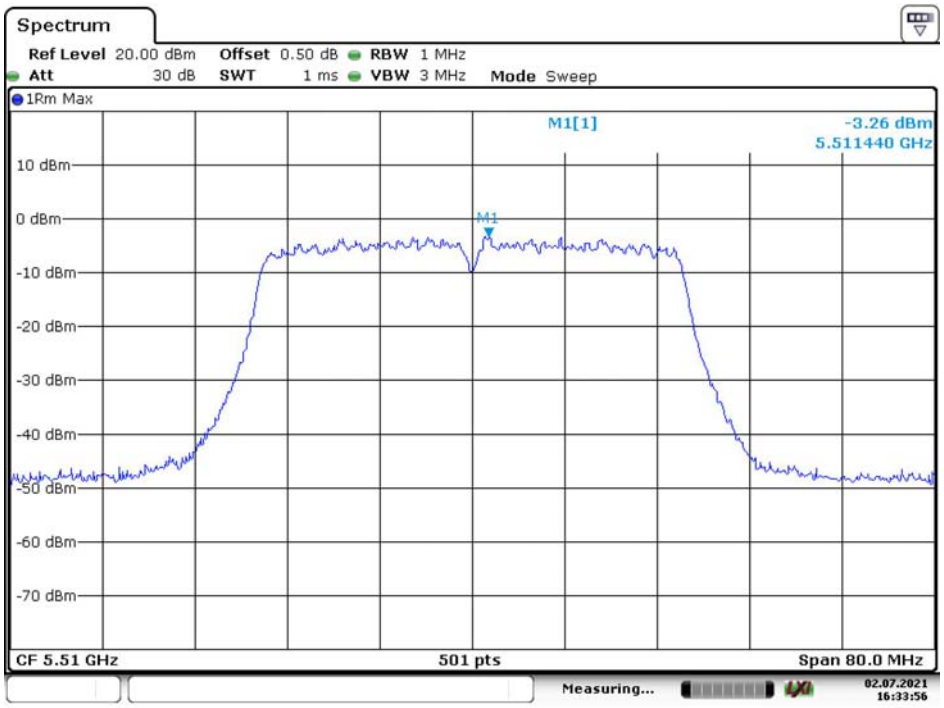
Date: 6.JUL.2021 10:14:35

802.11n ht20 High Channel



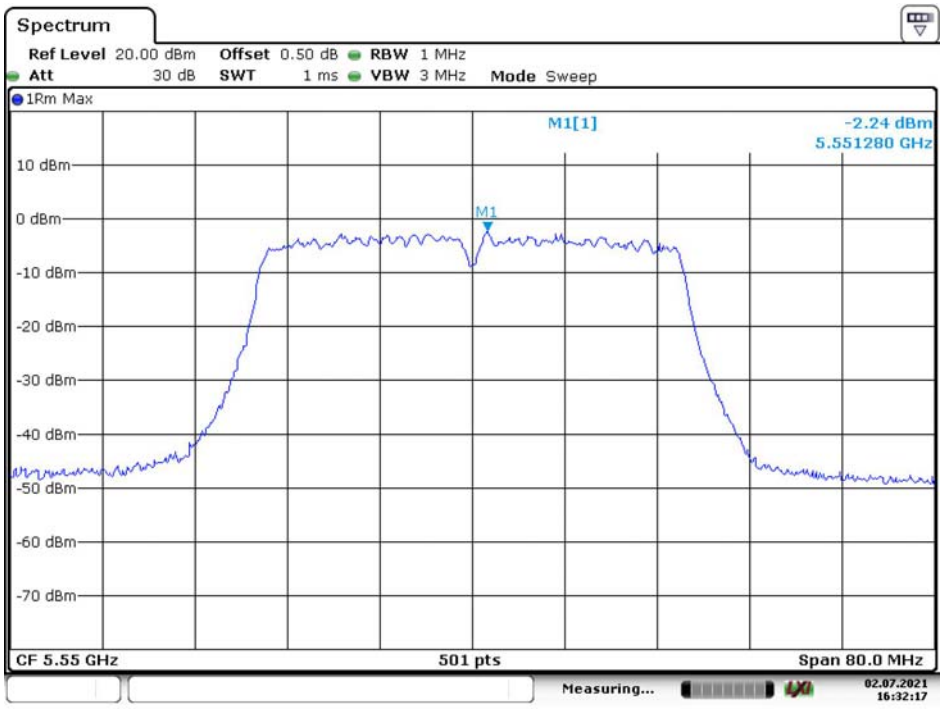
Date: 6.JUL.2021 10:16:05

802.11n ht40 Low Channel



Date: 2.JUL.2021 16:33:57

802.11n ht40 Middle Channel



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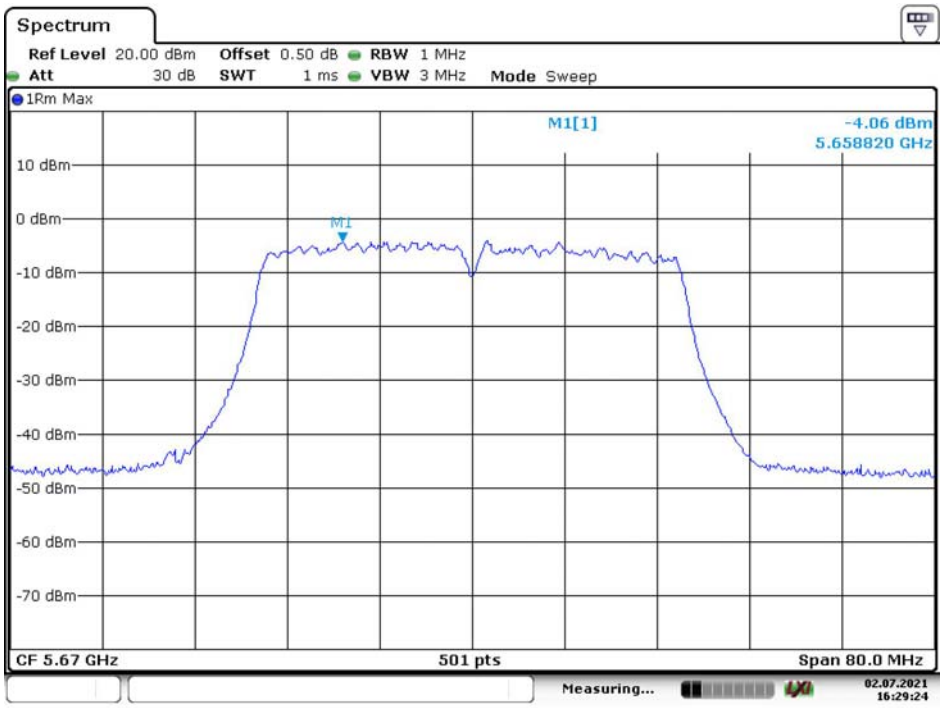
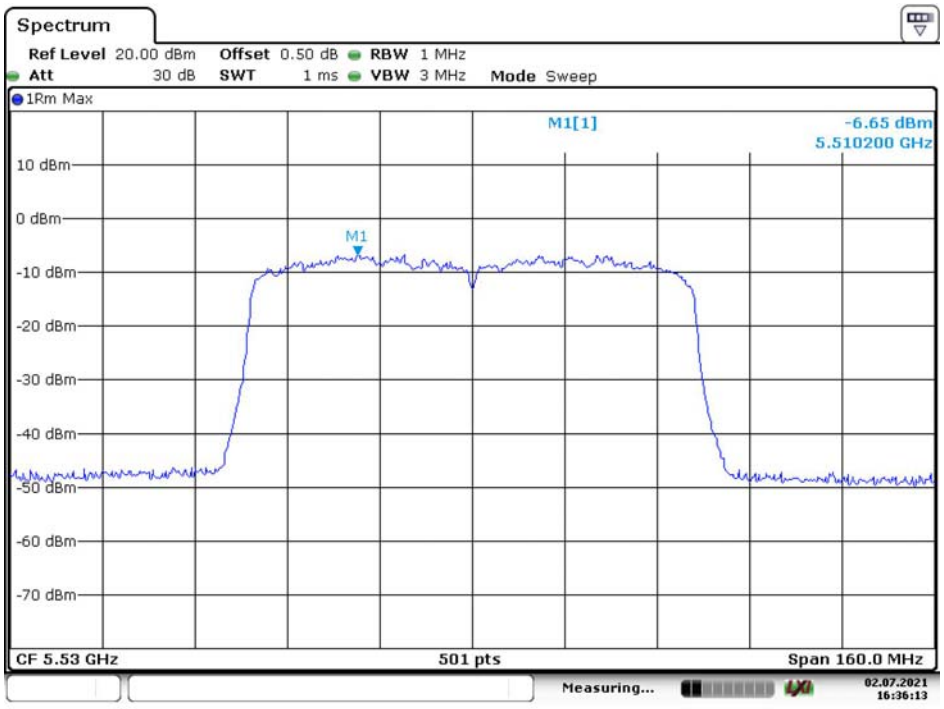
802.11n ht40 High Channel



Date: 2.JUL.2021 16:29:25

802.11ac vht80 Low Channel



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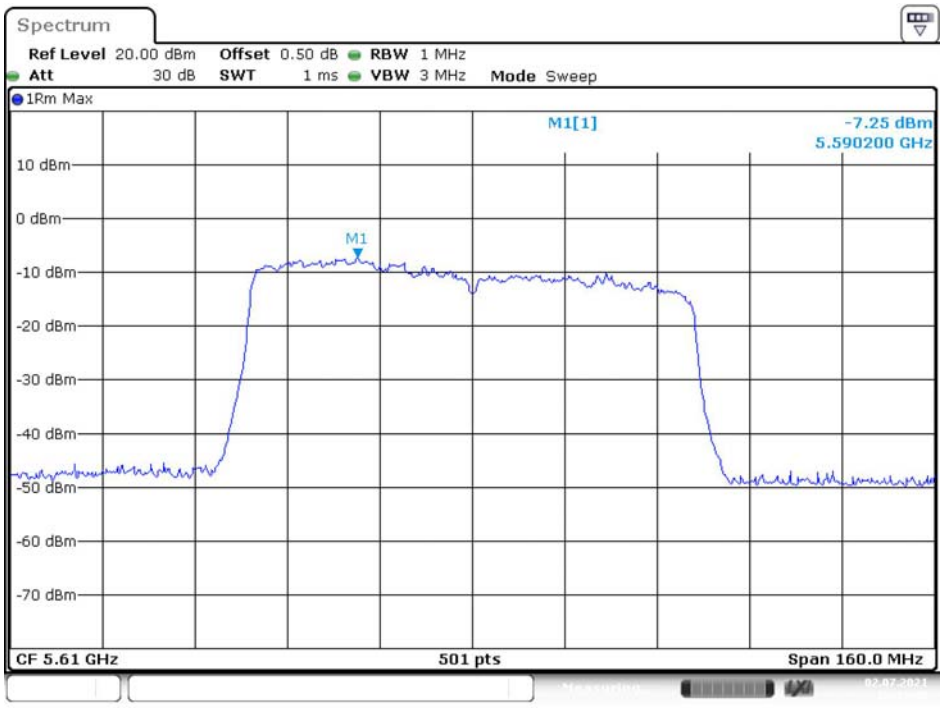
802.11ac vht80 Middle Channel



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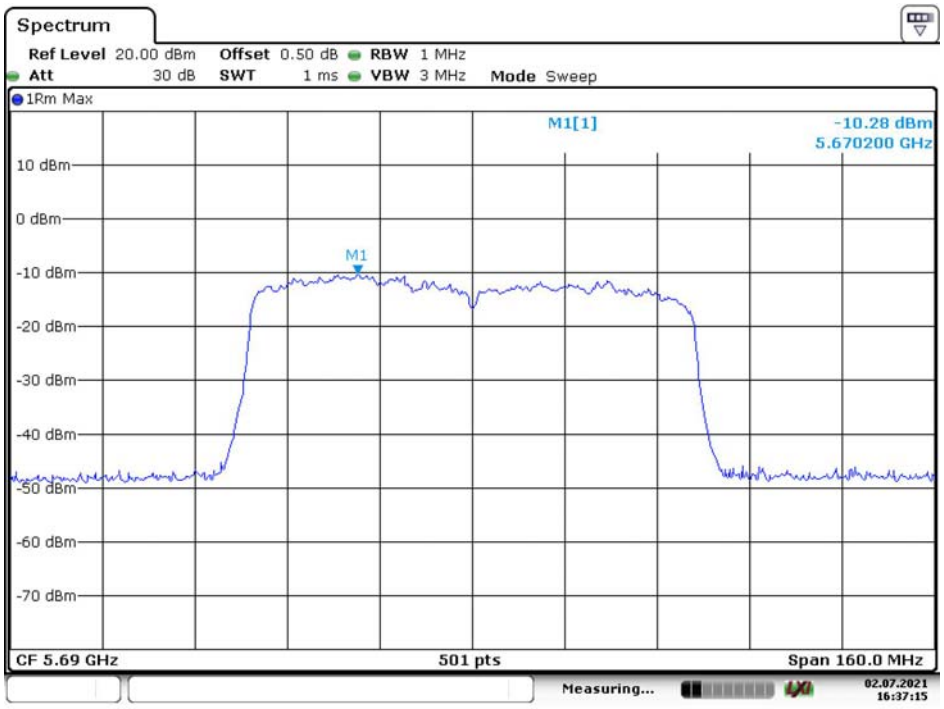
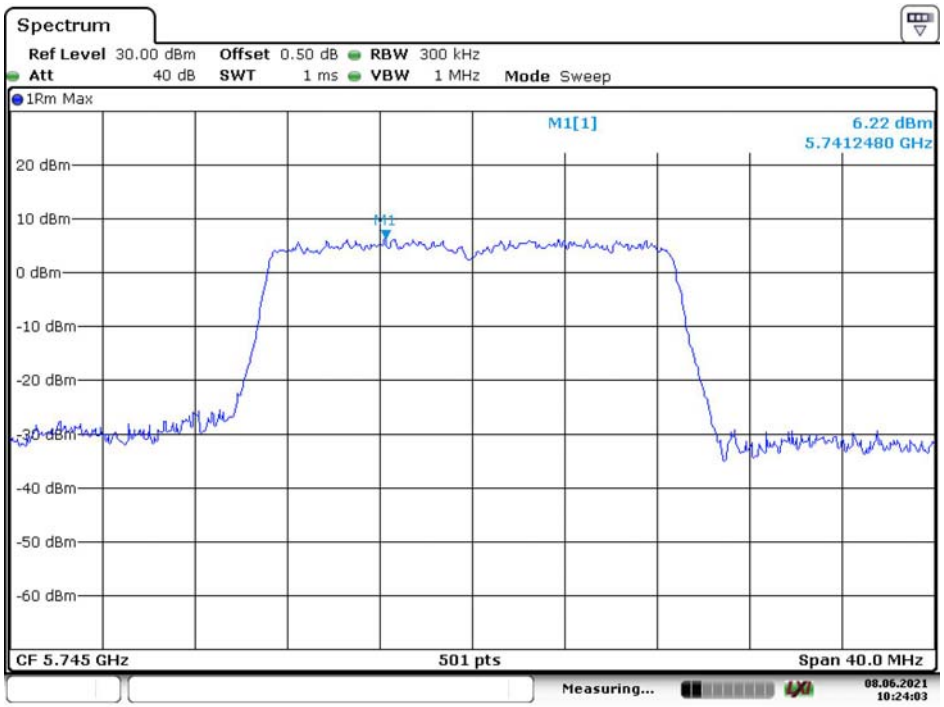
802.11ac vht80 High Channel



Date: 2.JUL.2021 16:37:16

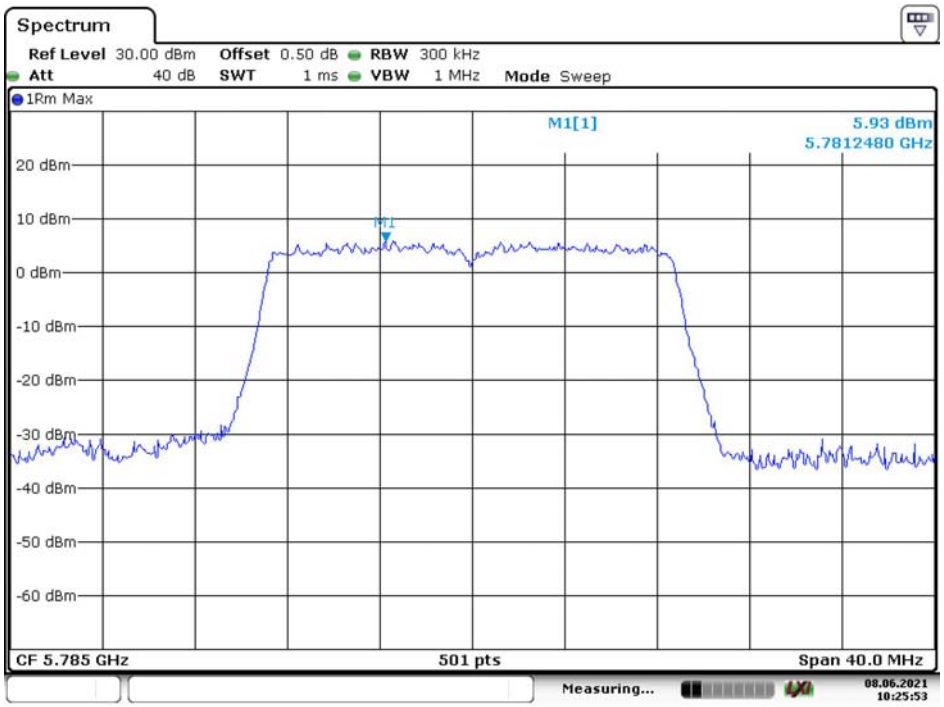
5725-5850MHz
Chain 0

802.11a Low Channel



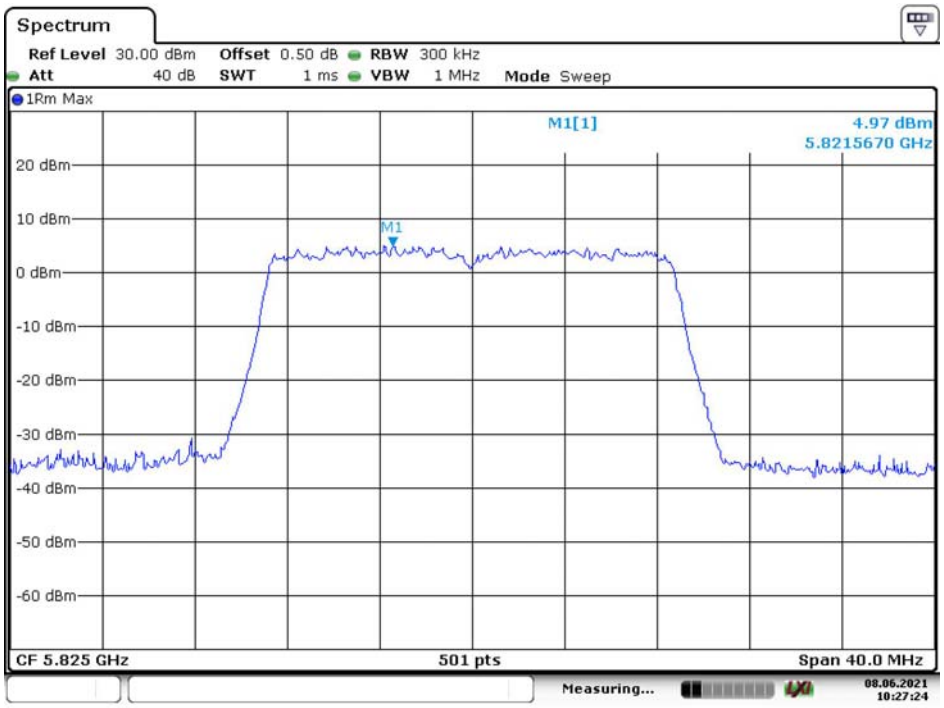
Date: 8.JUN.2021 10:24:02

802.11a Middle Channel



Date: 8.JUN.2021 10:25:53

802.11a High Channel



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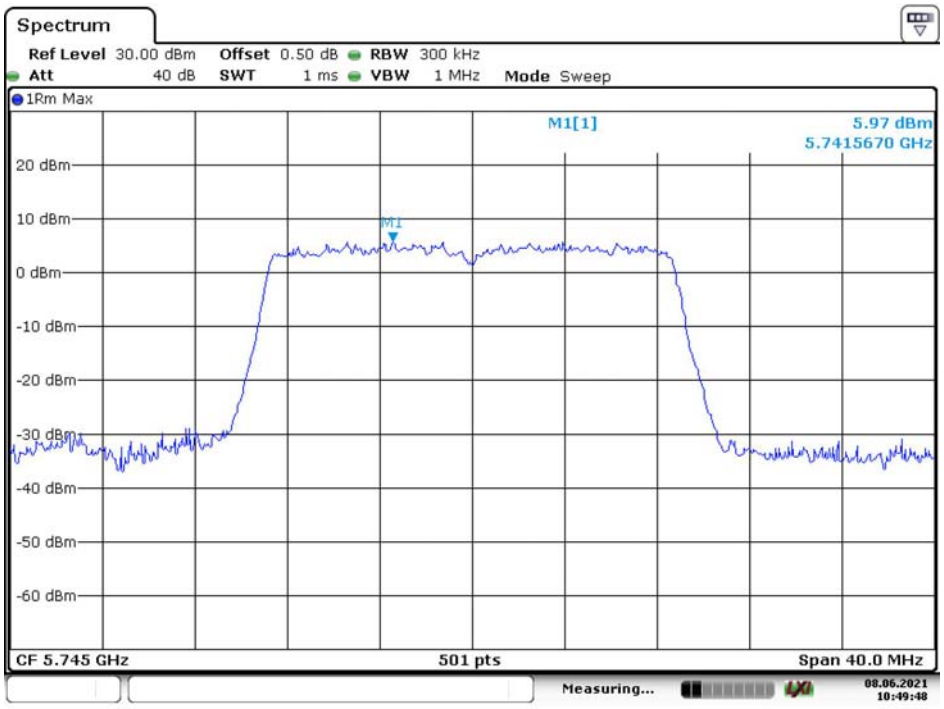
802.11n ht20 Low Channel



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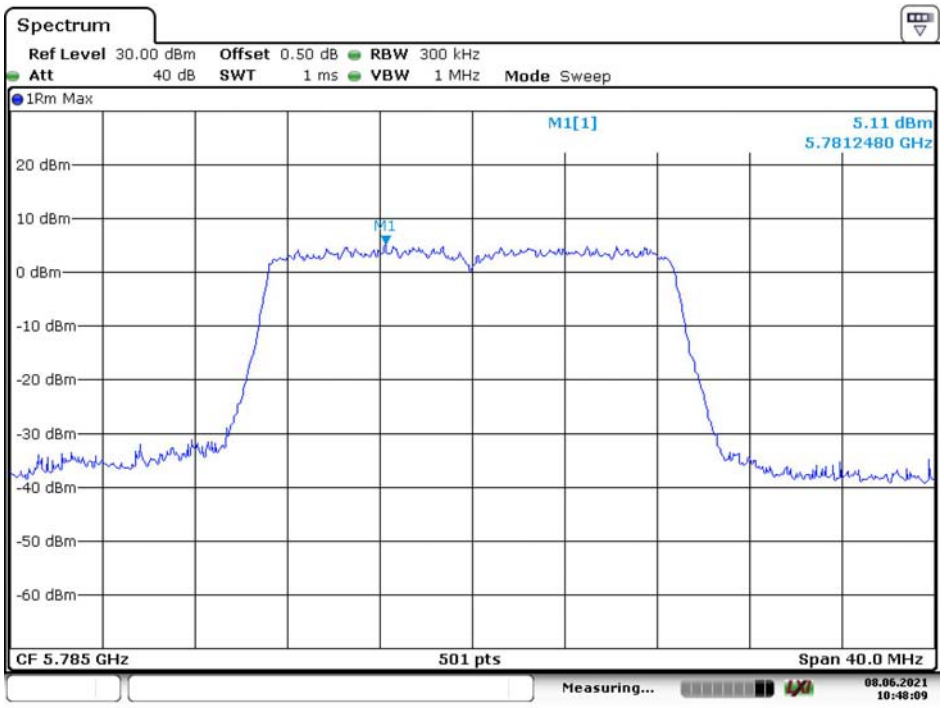
802.11n ht20 Middle Channel



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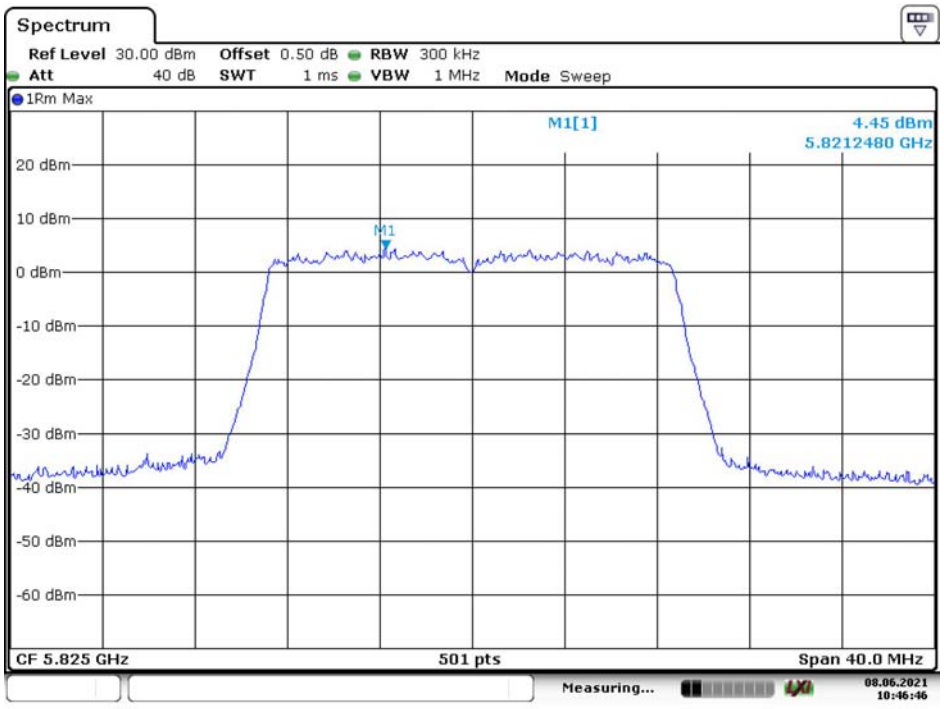
802.11n ht20 High Channel



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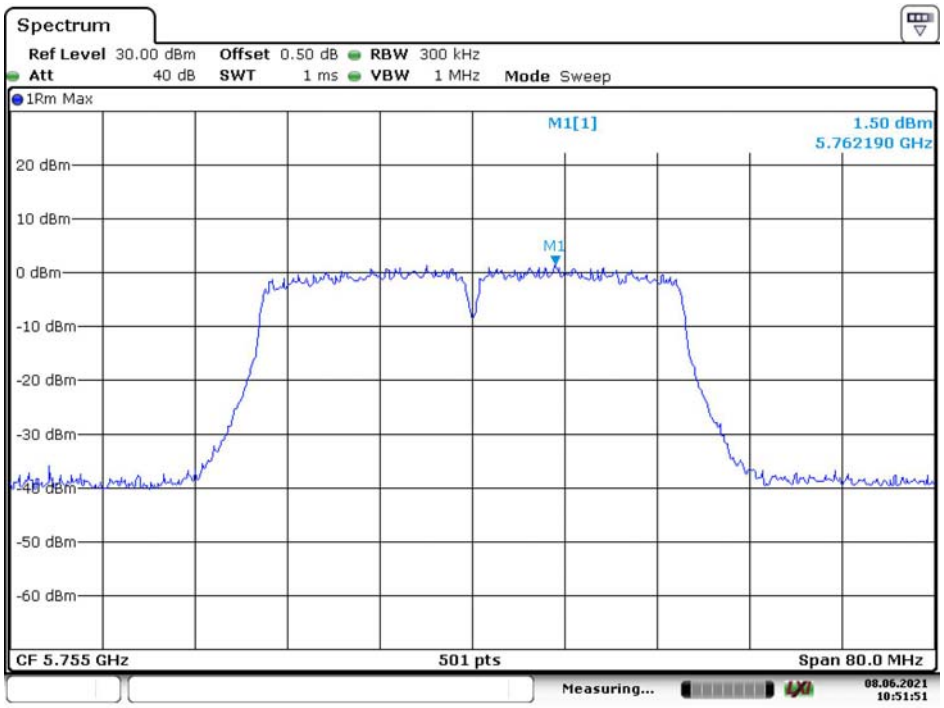
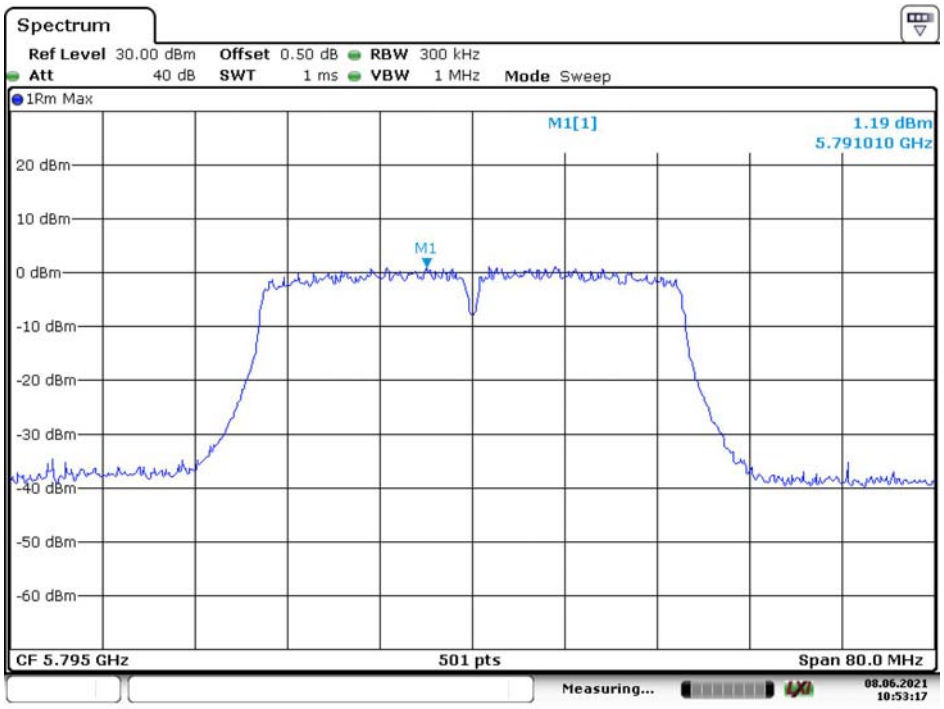
802.11n ht40 Low Channel



Date: 8.JUN.2021 10:51:50

802.11n ht40 High Channel



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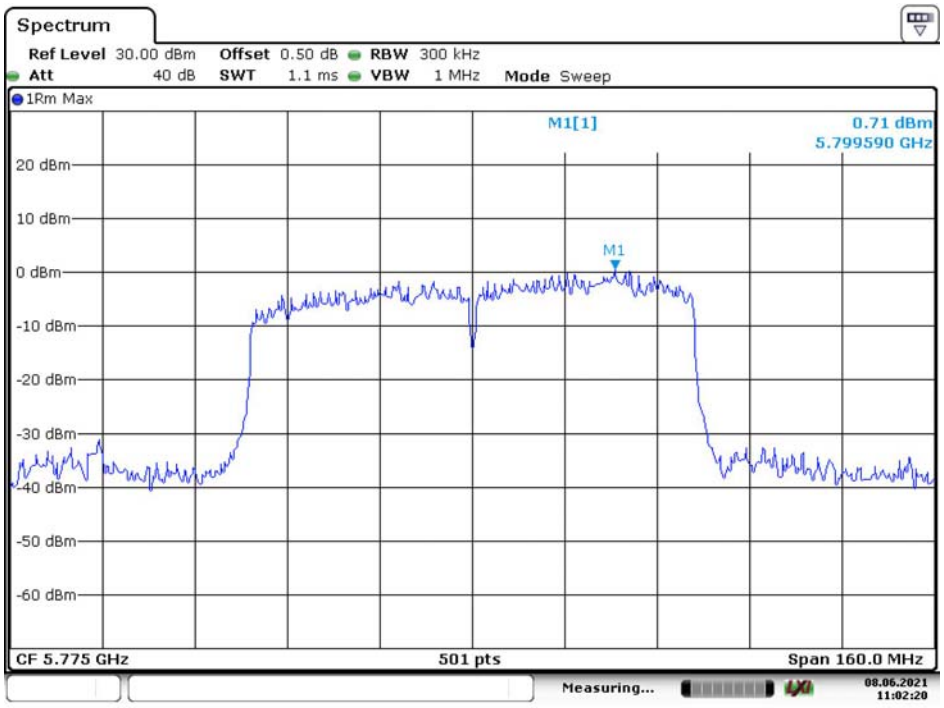
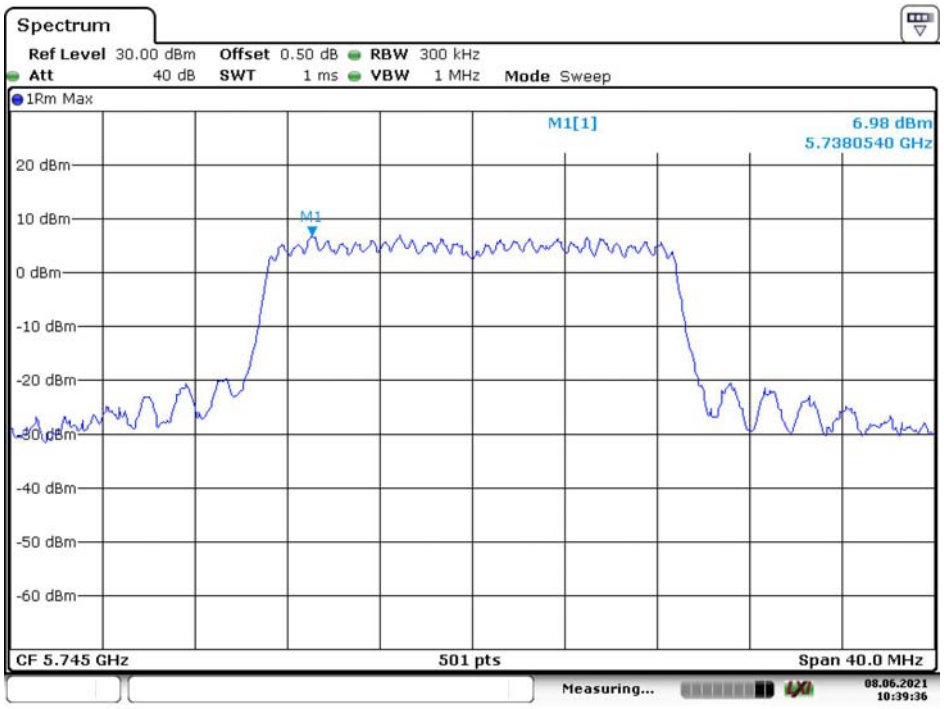
802.11ac vht80 Middle Channel



Chain 1:

802.11a Low Channel



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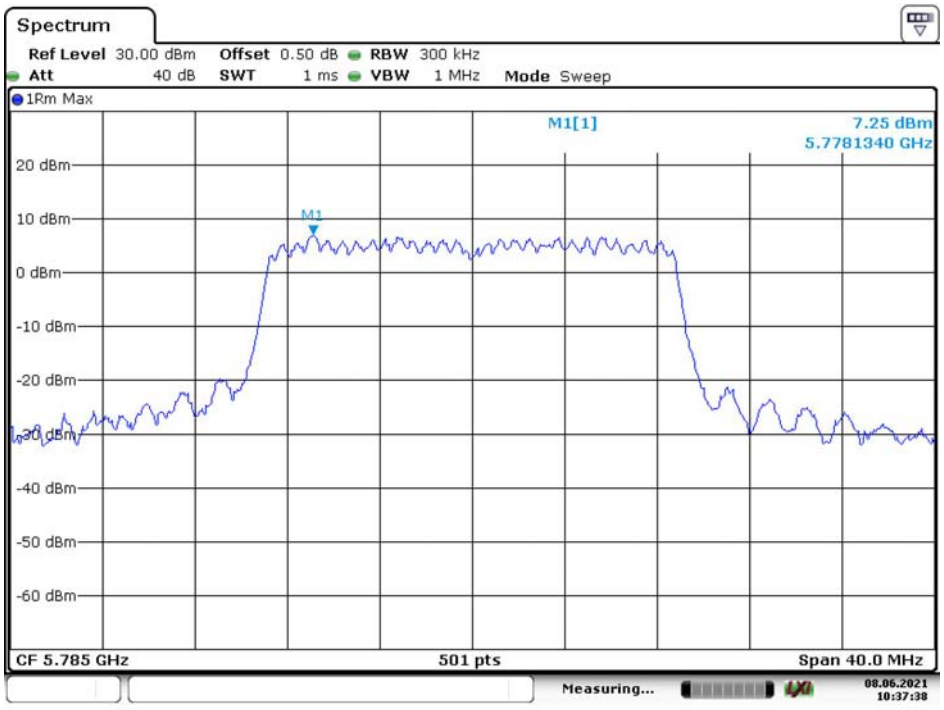
802.11a Middle Channel



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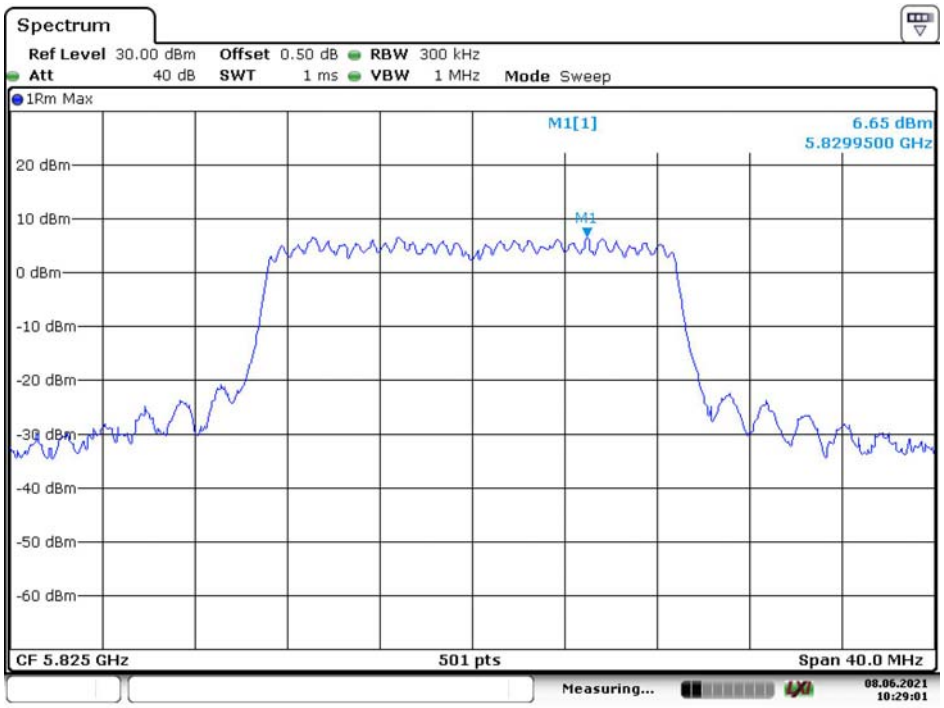

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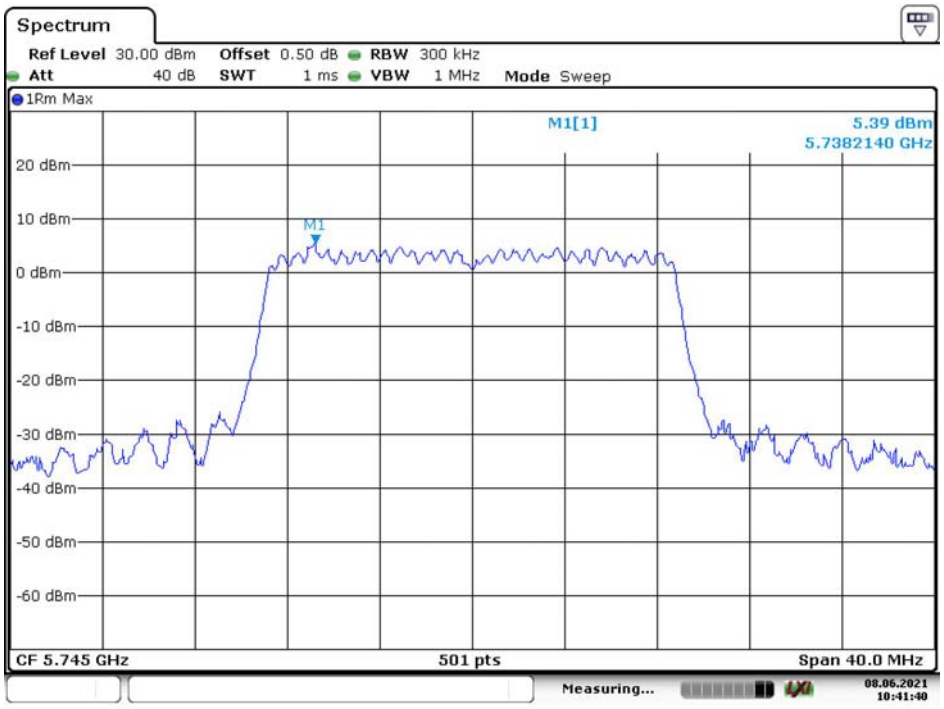

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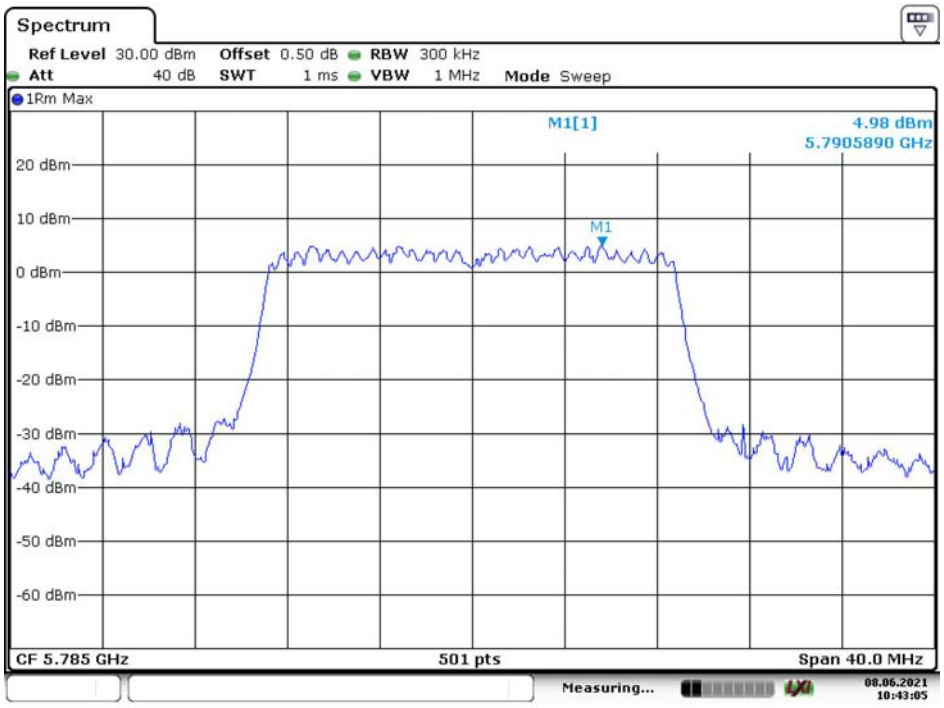
802.11n ht20 Middle Channel



Date: 8.JUN.2021 10:43:05

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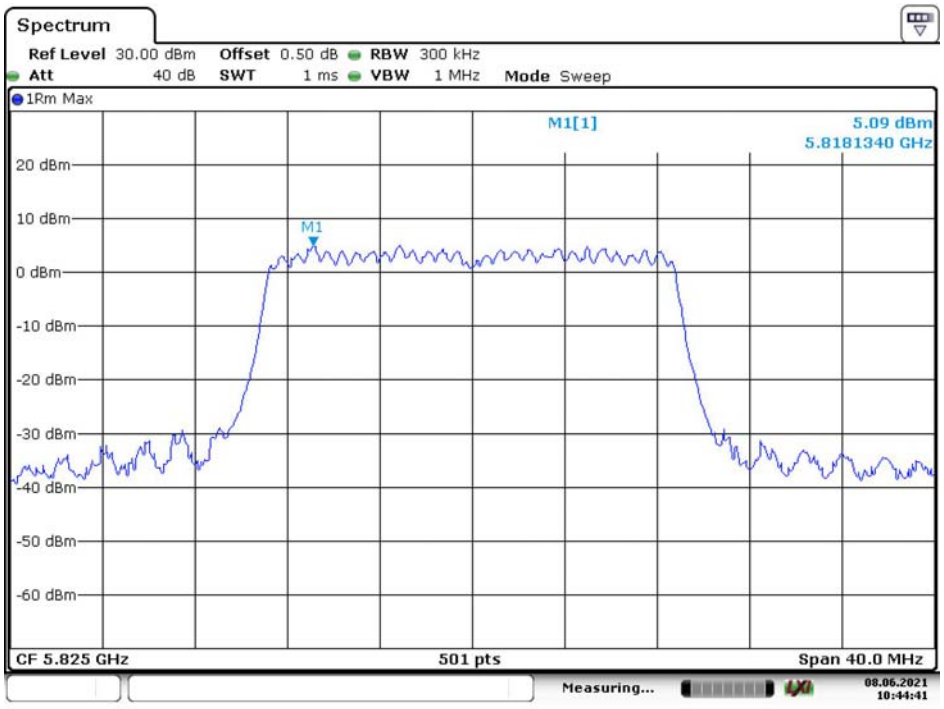

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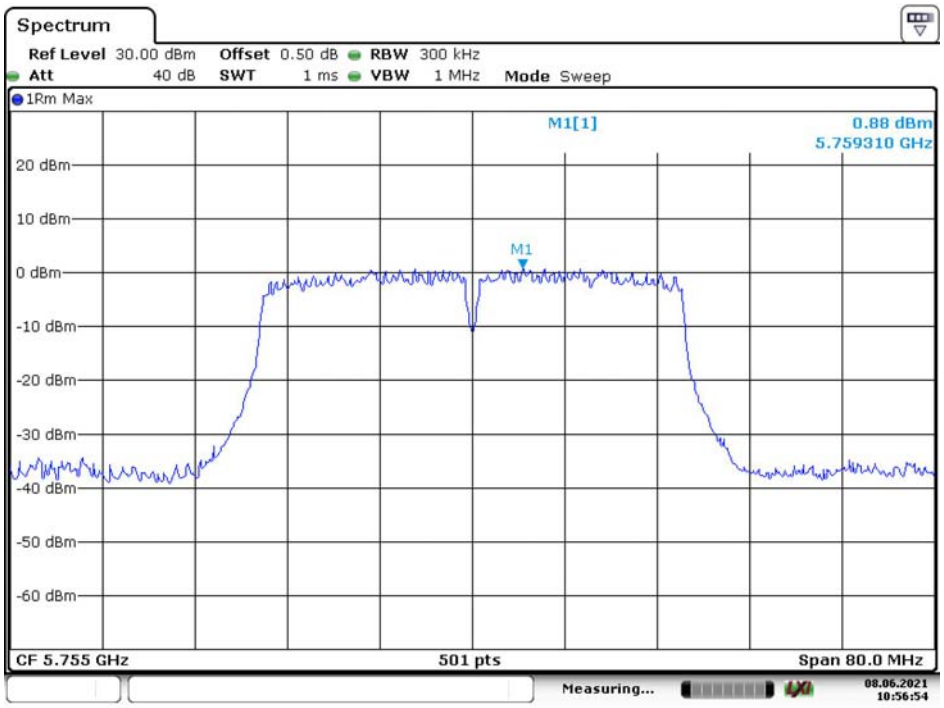

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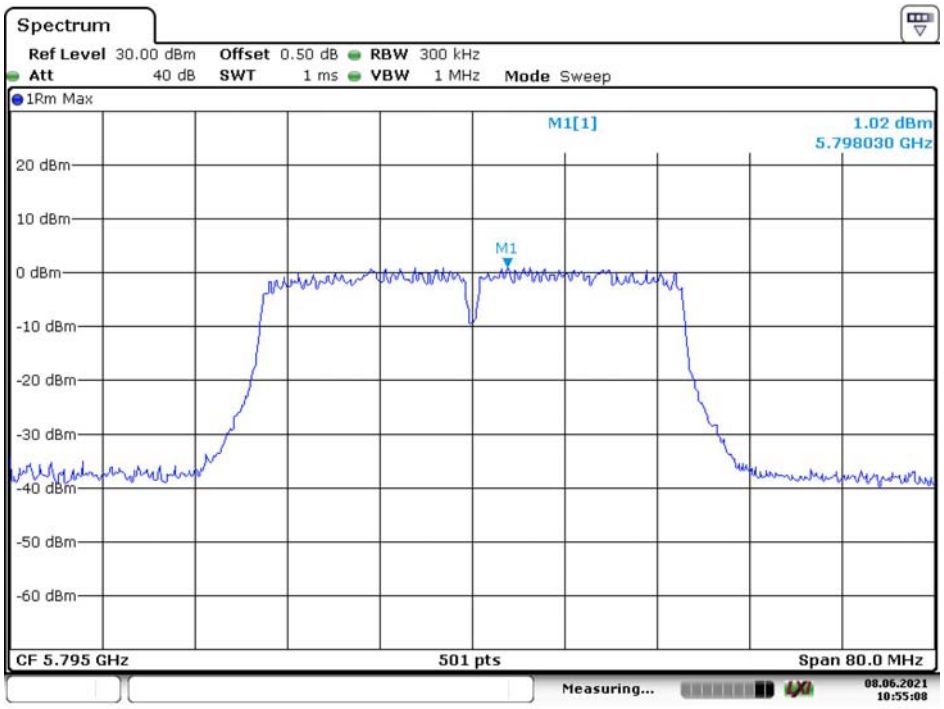
802.11n ht40 High Channel



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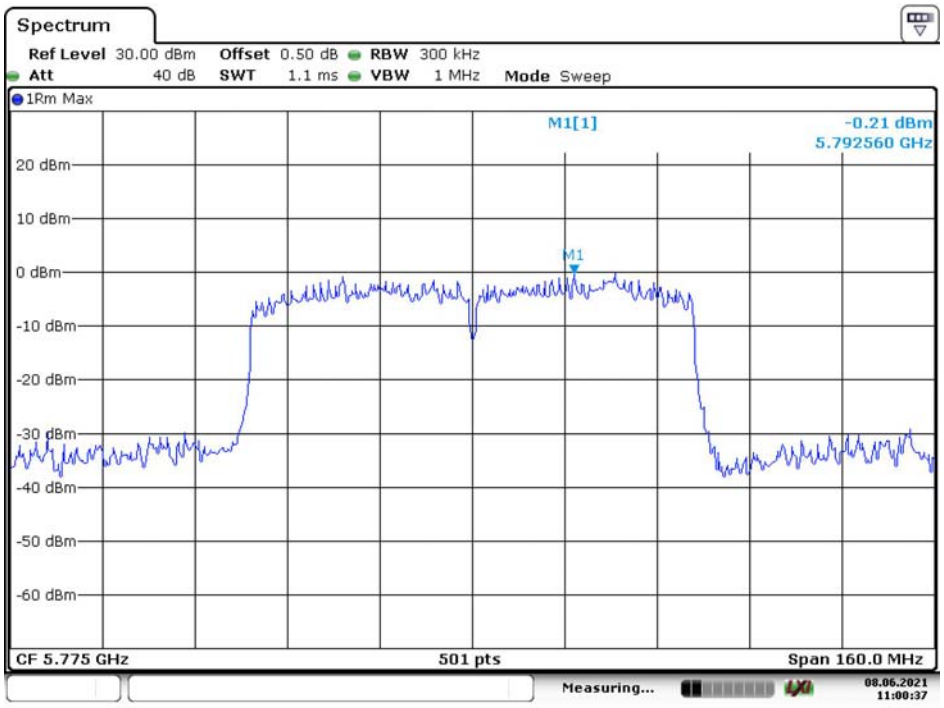
802.11ac vht80 Middle Channel



******* END OF REPORT *******