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	7.76	6.96	9.98	9.18	/	30
	5785	7.06	7.07	9.28	9.29	/	30
	5825	6.22	6.81	8.44	9.03	/	30
802.11n ht20	5745	5.14	5.18	7.36	7.4	10.39	30
	5785	4.55	4.97	6.77	7.19	10	30
	5825	4.88	4.77	7.1	6.99	10.06	30
802.11n ht40	5755	2.56	2.78	4.78	5	7.9	30
	5795	1.80	2.22	4.02	4.44	7.25	30
802.11ac vht80	5775	0.97	1.42	3.19	3.64	6.43	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 = 2.32dBi+10*log(2/1)=5.32 dBi for 5.2G Band
Directional gain = G_{ANT} + Array Gain = 3.58dBi+10*log(2/1)=6.58 dBi for 5.3G Band
Directional gain = G_{ANT} + Array Gain = 3.35dBi+10*log(2/1)=6.35 dBi for 5.6G Band
Directional gain = G_{ANT} + Array Gain = 2.63dBi+10*log(2/1)=5.63 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: 1.JUL.2021 17:24:05

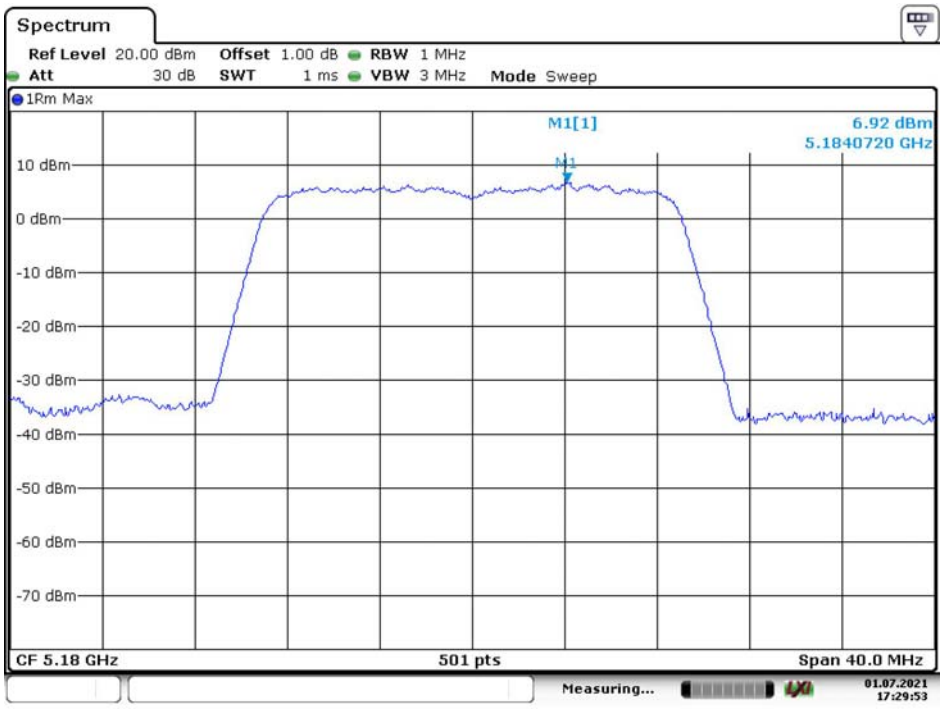
802.11a Middle Channel

Date: 1.JUL.2021 17:25:20

802.11a High Channel

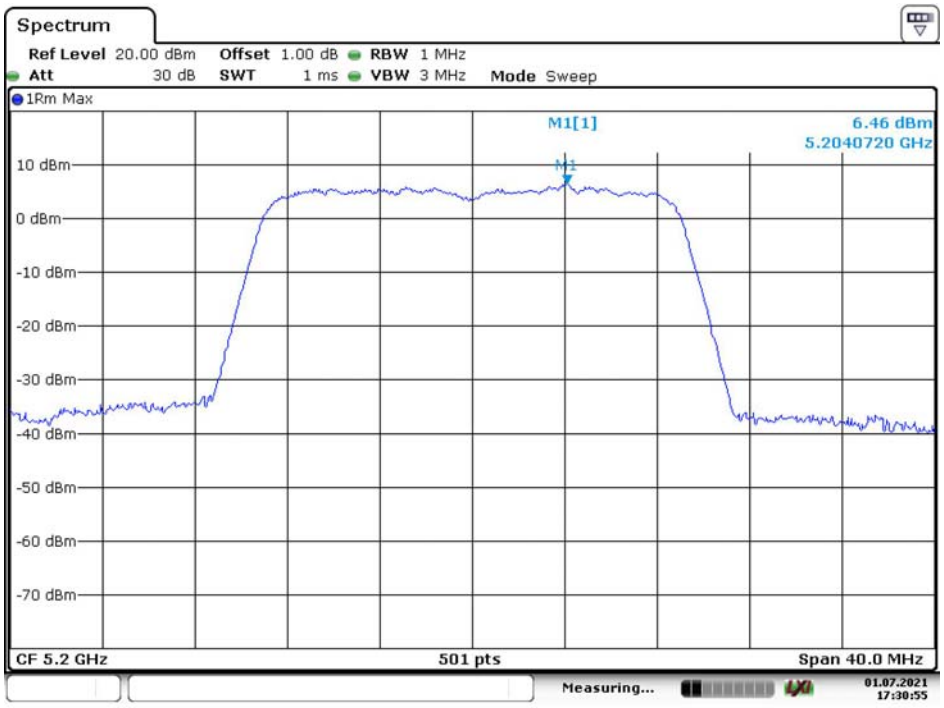
Date: 1.JUL.2021 17:26:33

802.11n ht20 Low Channel



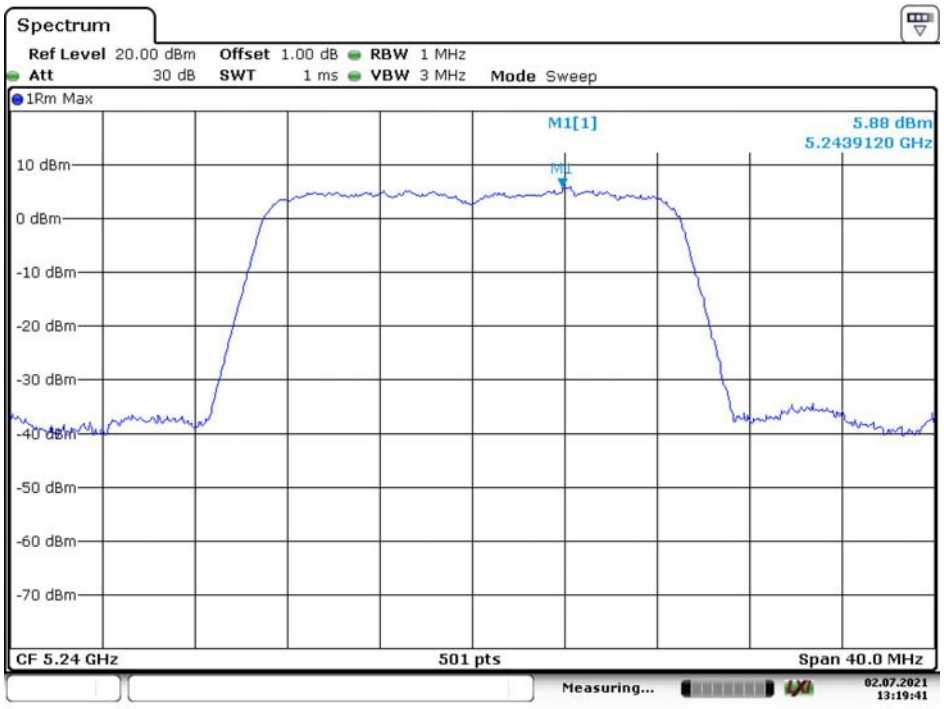
Date: 1.JUL.2021 17:29:54

802.11n ht20 Middle Channel



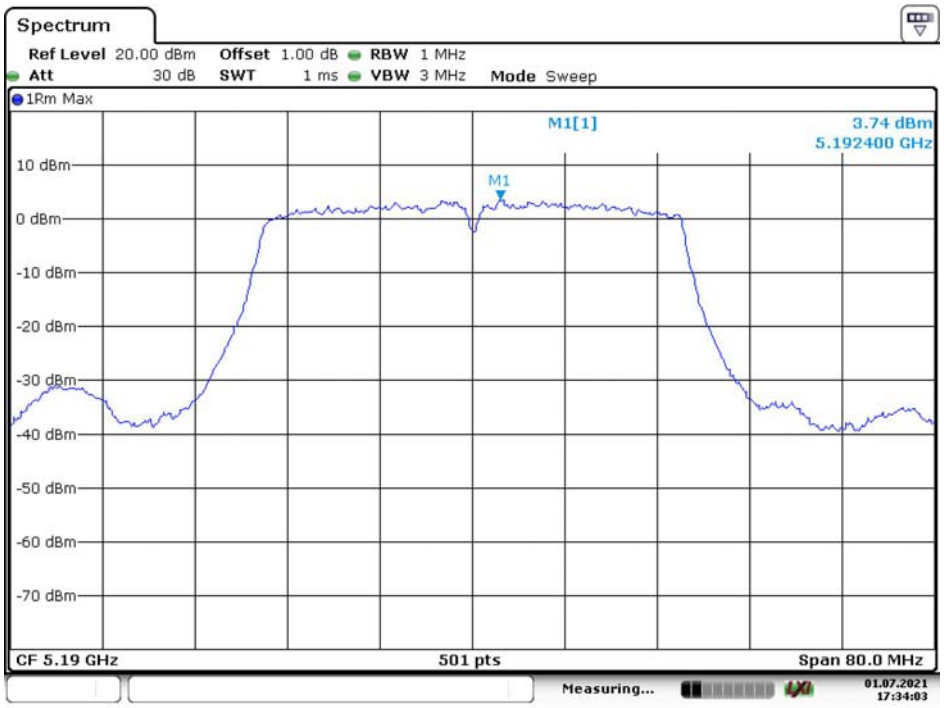
Date: 1.JUL.2021 17:30:56

802.11n ht20 High Channel



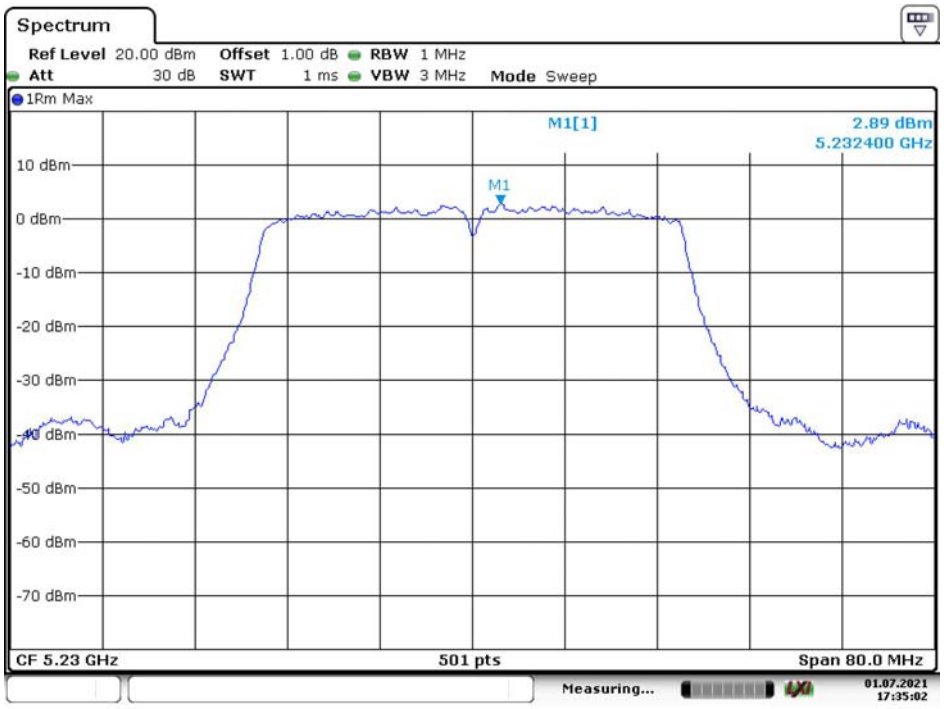
Date: 2.JUL.2021 13:19:42

802.11n ht40 Low Channel



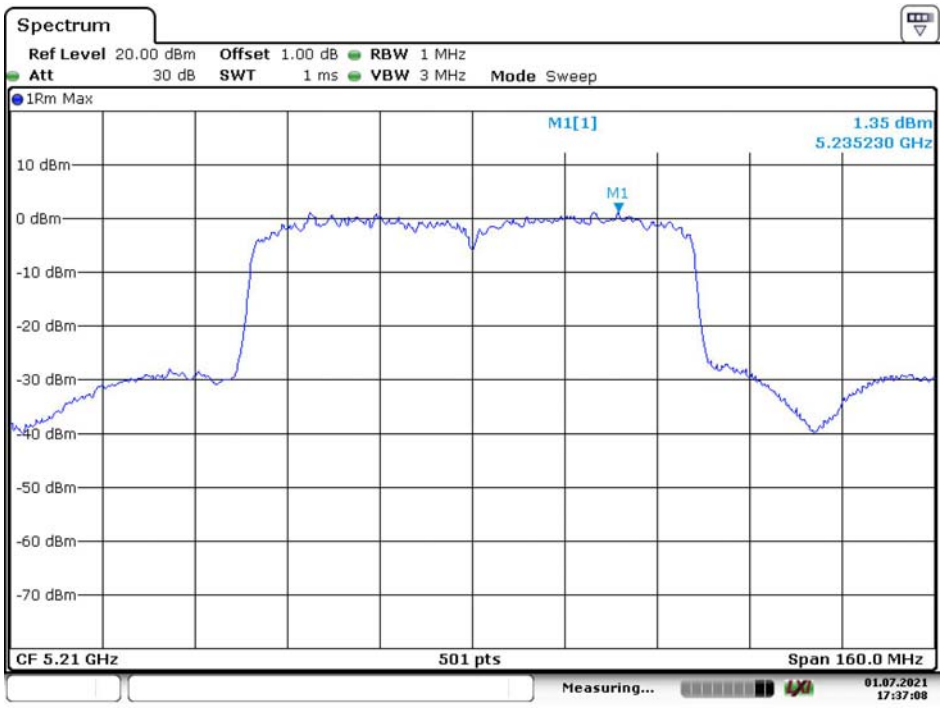
Date: 1.JUL.2021 17:34:04

802.11n ht40 High Channel



Date: 1.JUL.2021 17:35:02

802.11ac vht80 Middle Channel

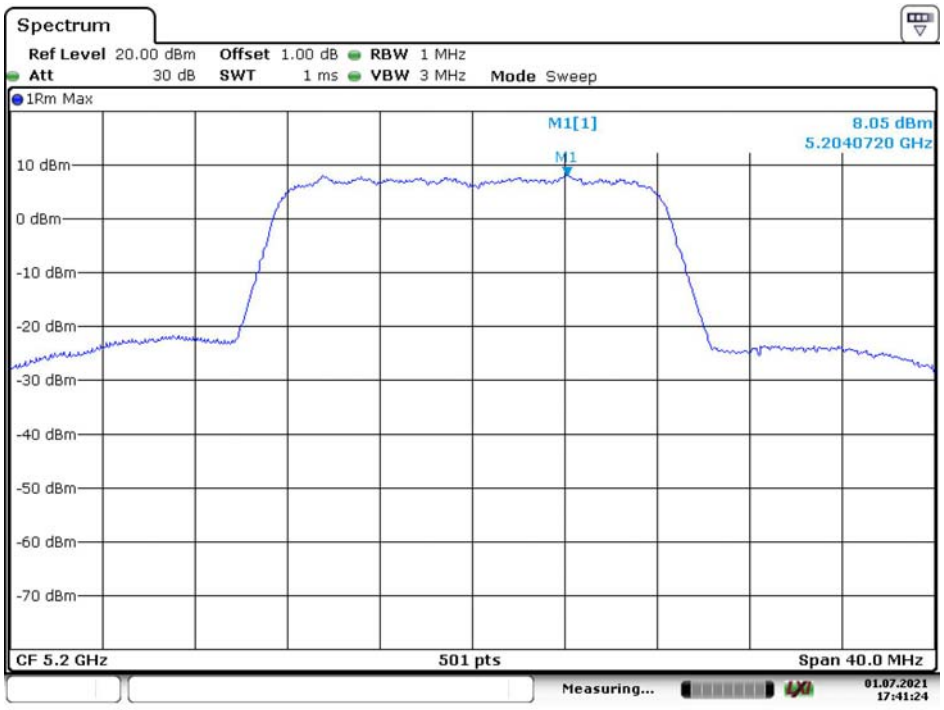


Chain 1

802.11a Low Channel

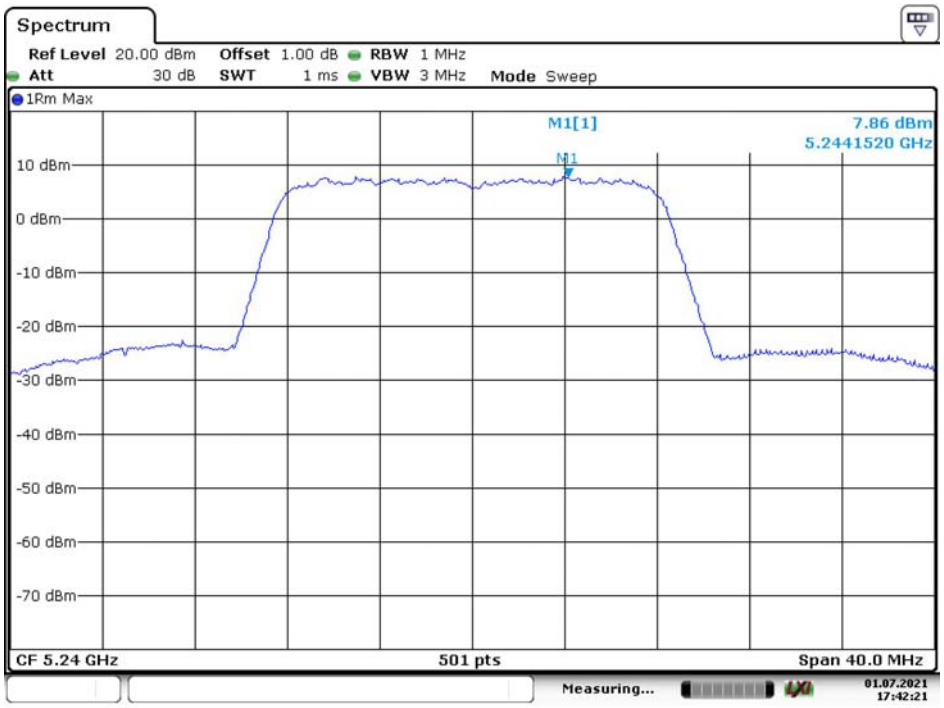
Date: 1.JUL.2021 17:40:32

802.11a Middle Channel



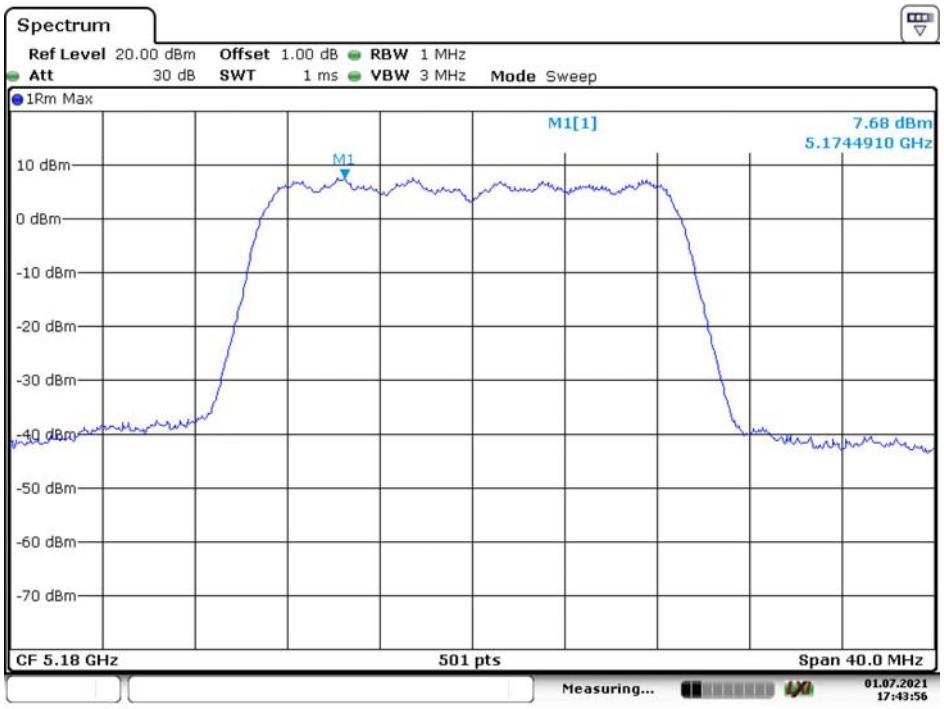
Date: 1.JUL.2021 17:41:25

802.11a High Channel



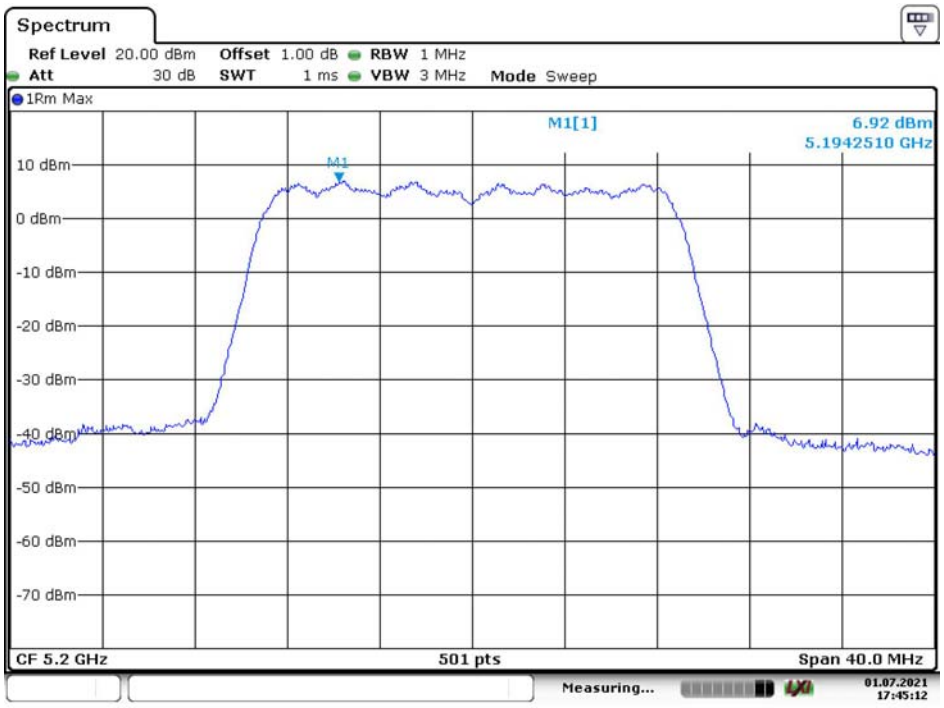
Date: 1.JUL.2021 17:42:22

802.11n ht20 Low Channel



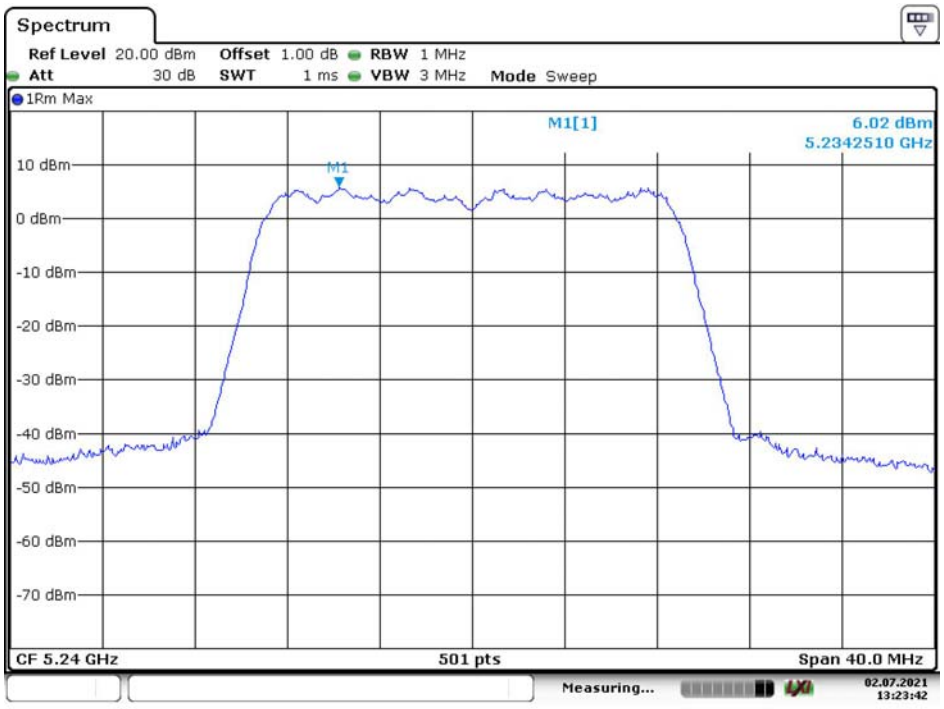
Date: 1.JUL.2021 17:43:57

802.11n ht20 Middle Channel



Date: 1.JUL.2021 17:45:13

802.11n ht20 High Channel



Date: 2.JUL.2021 13:23:42

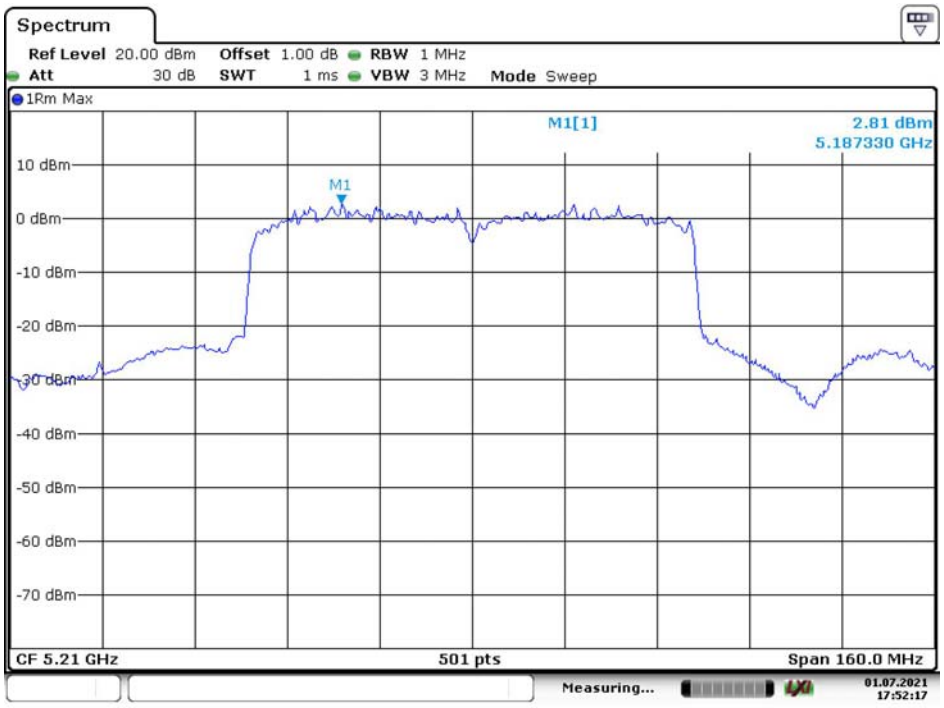
802.11n ht40 Low Channel

Date: 1.JUL.2021 17:48:09

802.11n ht40 High Channel

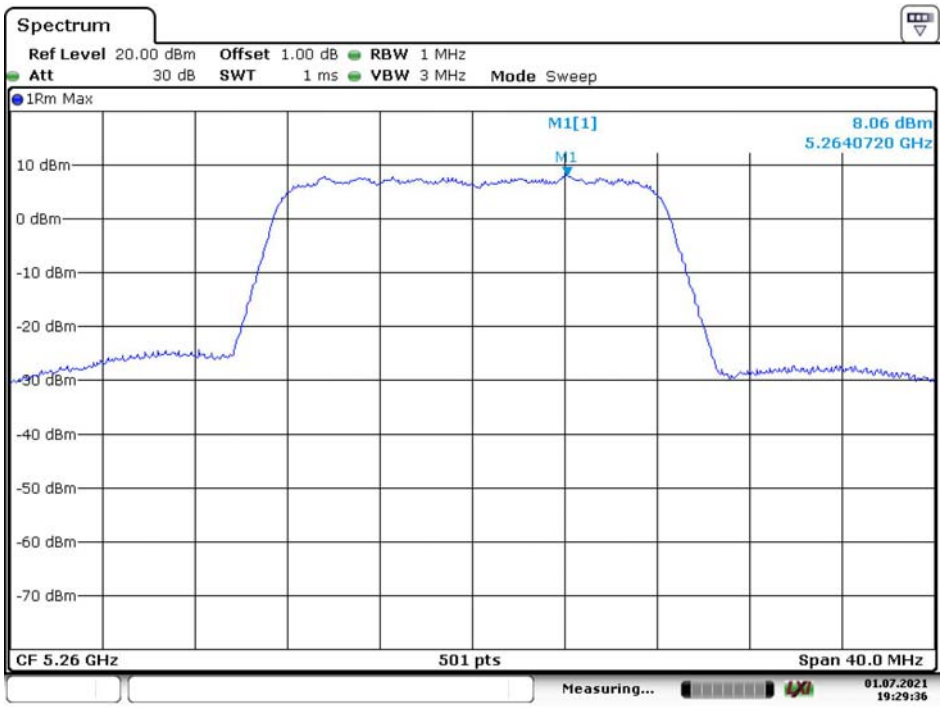
Date: 1.JUL.2021 17:49:06

802.11ac vht80 Middle Channel



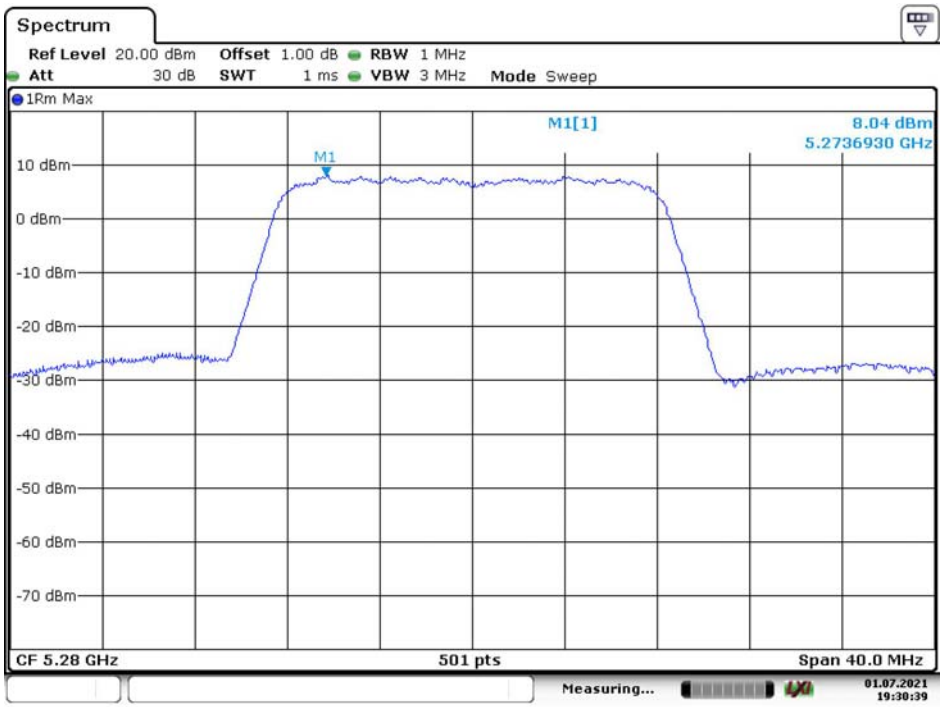
5250-5350MHz
Chain 0

802.11a Low Channel



Date: 1.JUL.2021 19:29:37

802.11a Middle Channel

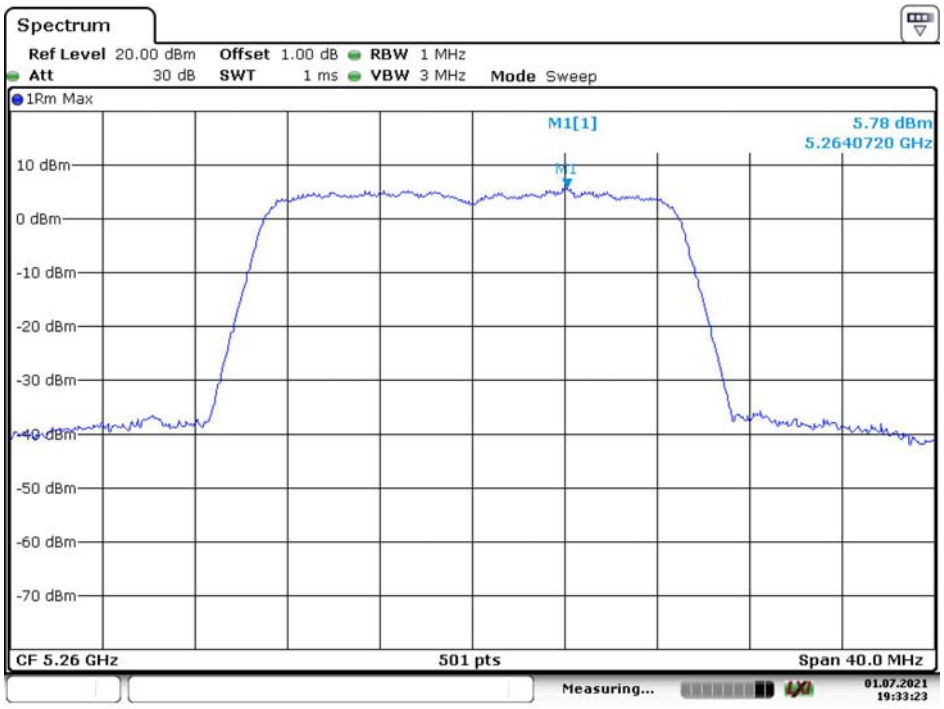


Date: 1.JUL.2021 19:30:40

802.11a High Channel

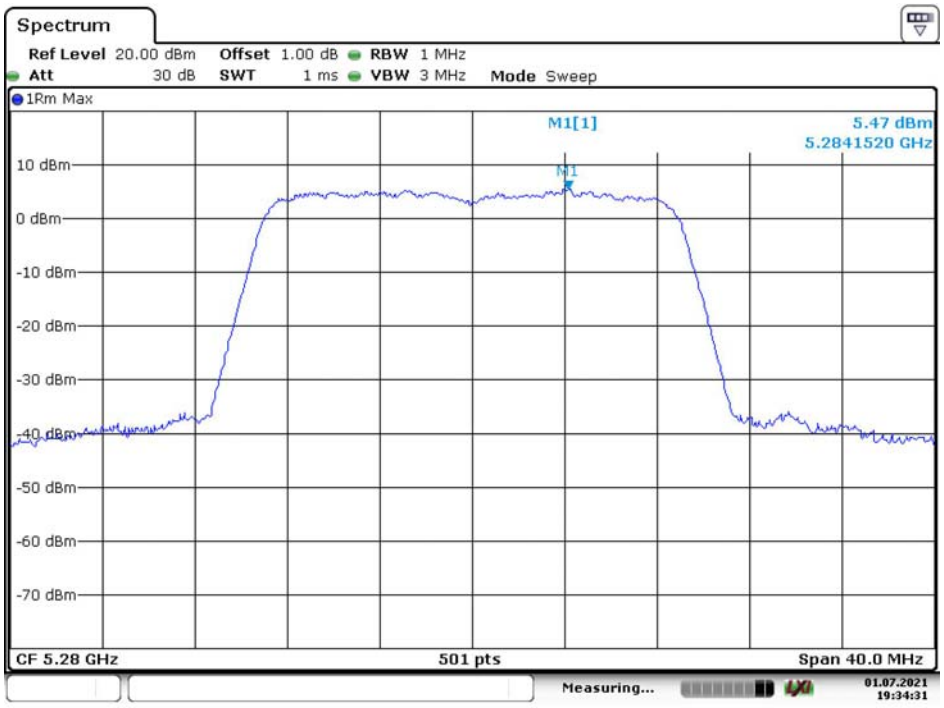
Date: 1.JUL.2021 19:31:40

802.11n ht20 Low Channel



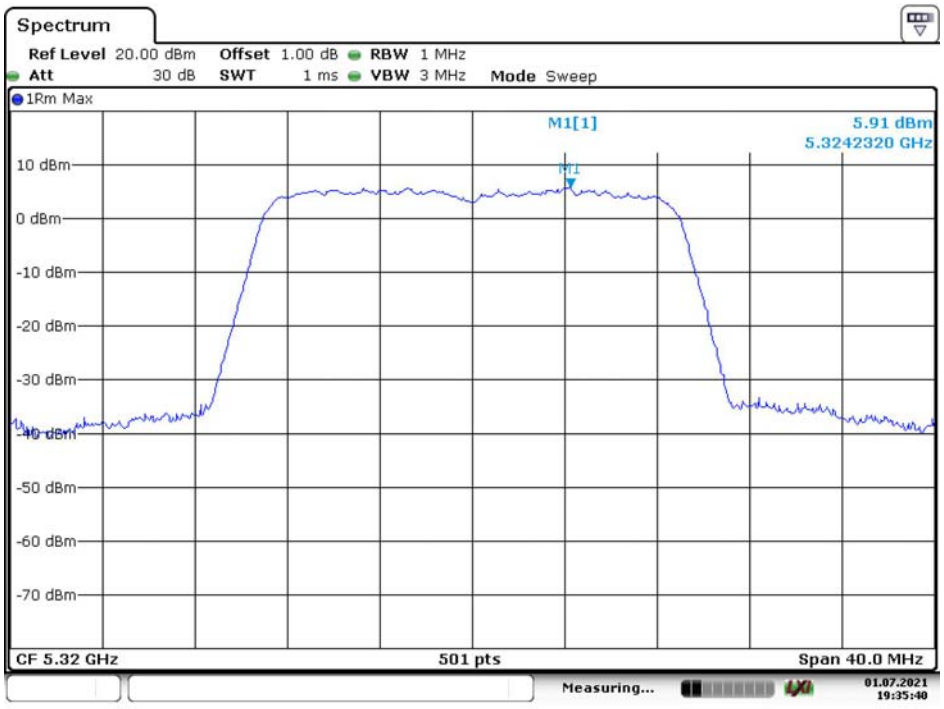
Date: 1.JUL.2021 19:33:24

802.11n ht20 Middle Channel



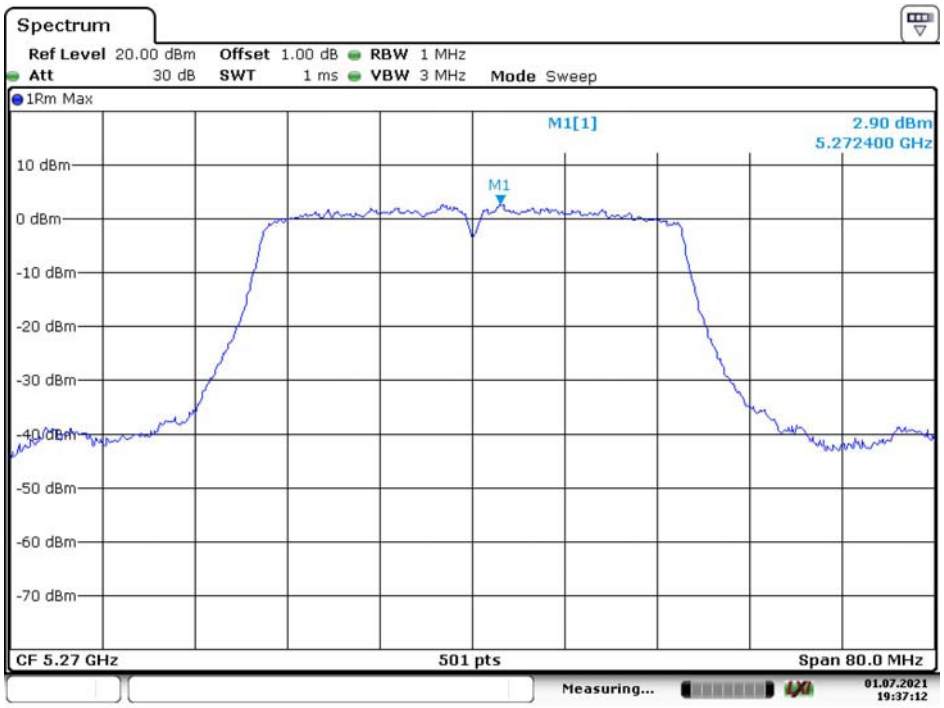
Date: 1.JUL.2021 19:34:32

802.11n ht20 High Channel



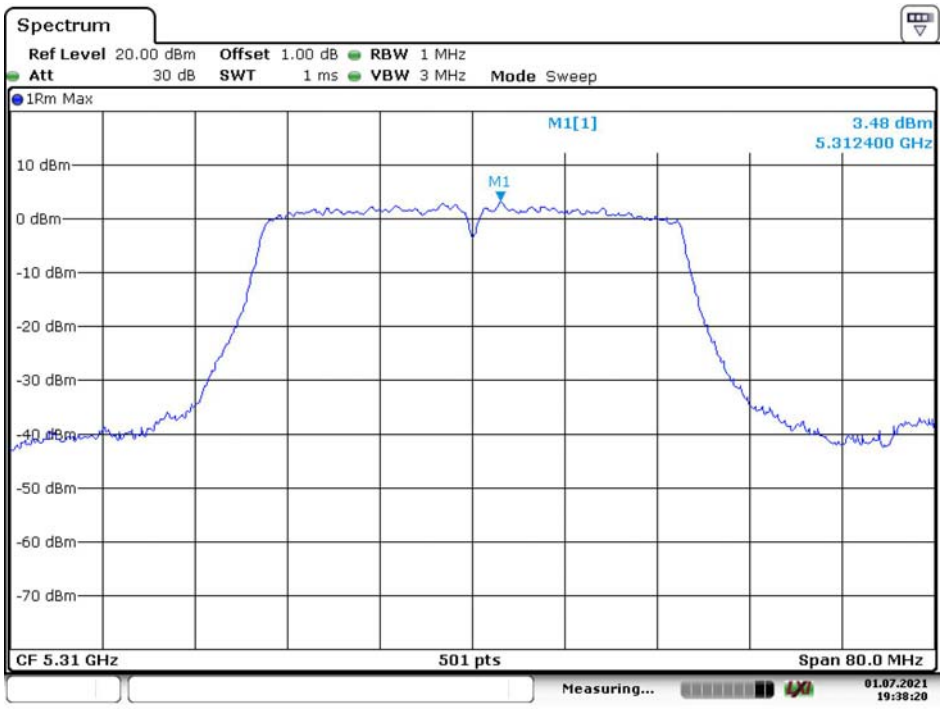
Date: 1.JUL.2021 19:35:41

802.11n ht40 Low Channel



Date: 1.JUL.2021 19:37:12

802.11n ht40 High Channel



Date: 1.JUL.2021 19:38:20

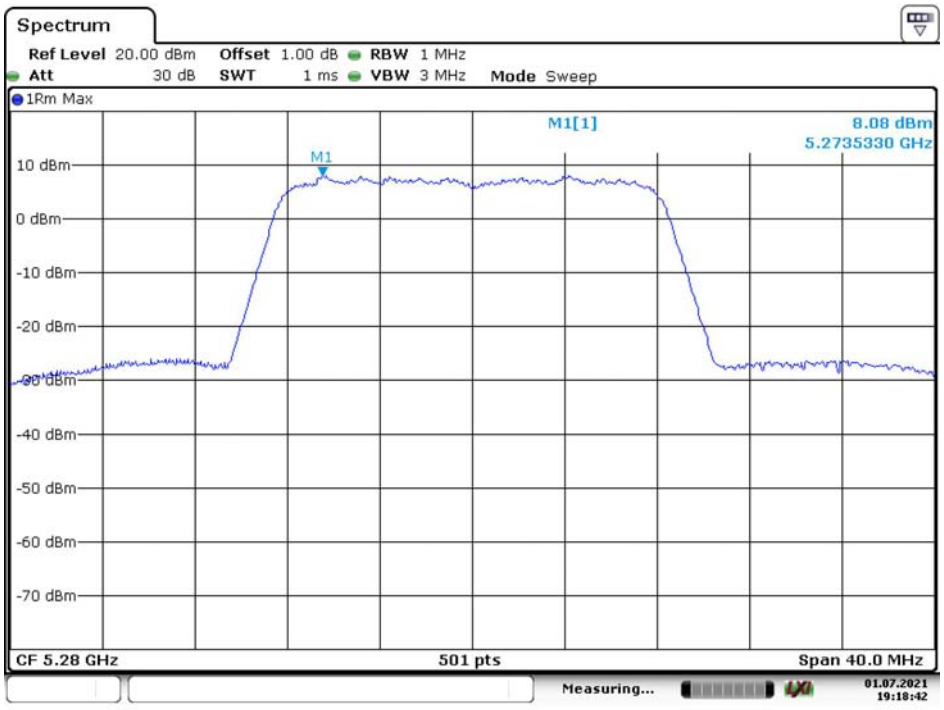
802.11ac vht80 Middle Channel

Chain 1

802.11a Low Channel

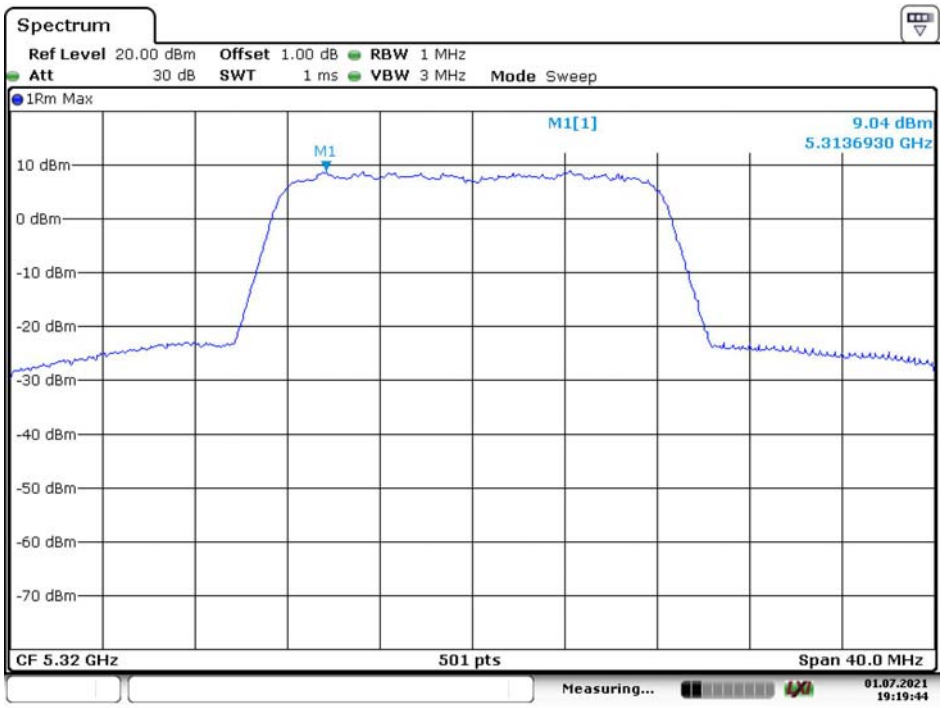
Date: 1.JUL.2021 19:17:37

802.11a Middle Channel



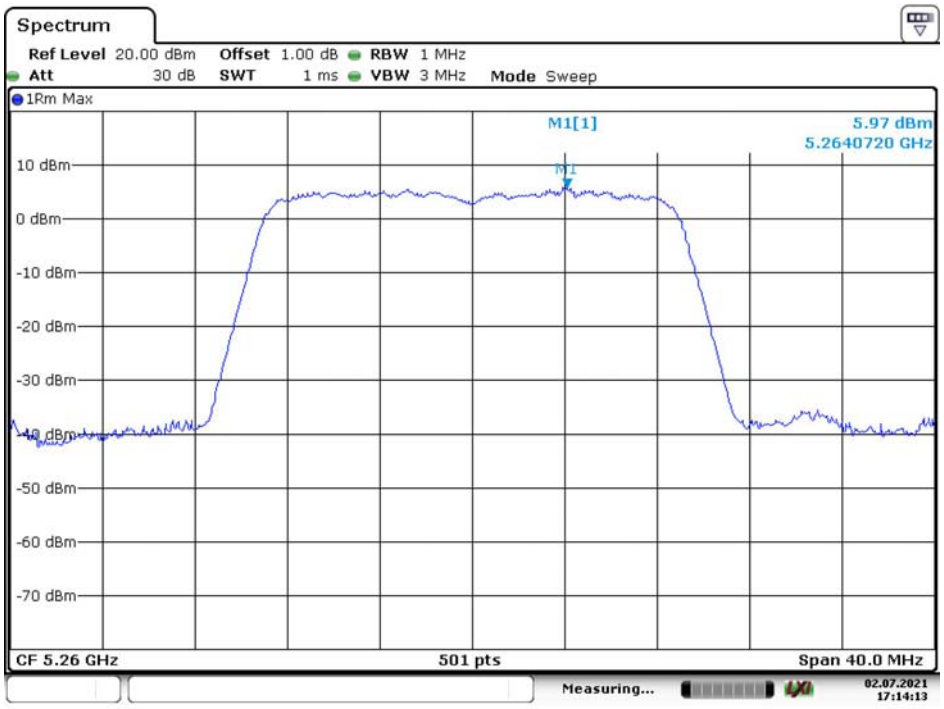
Date: 1.JUL.2021 19:18:43

802.11a High Channel



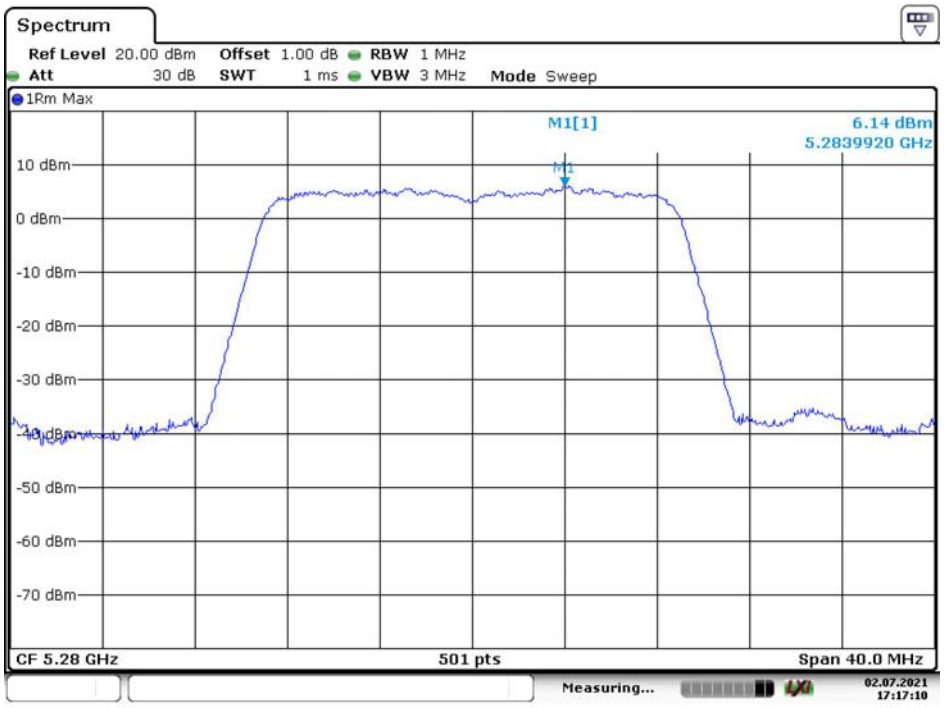
Date: 1.JUL.2021 19:19:45

802.11n ht20 Low Channel



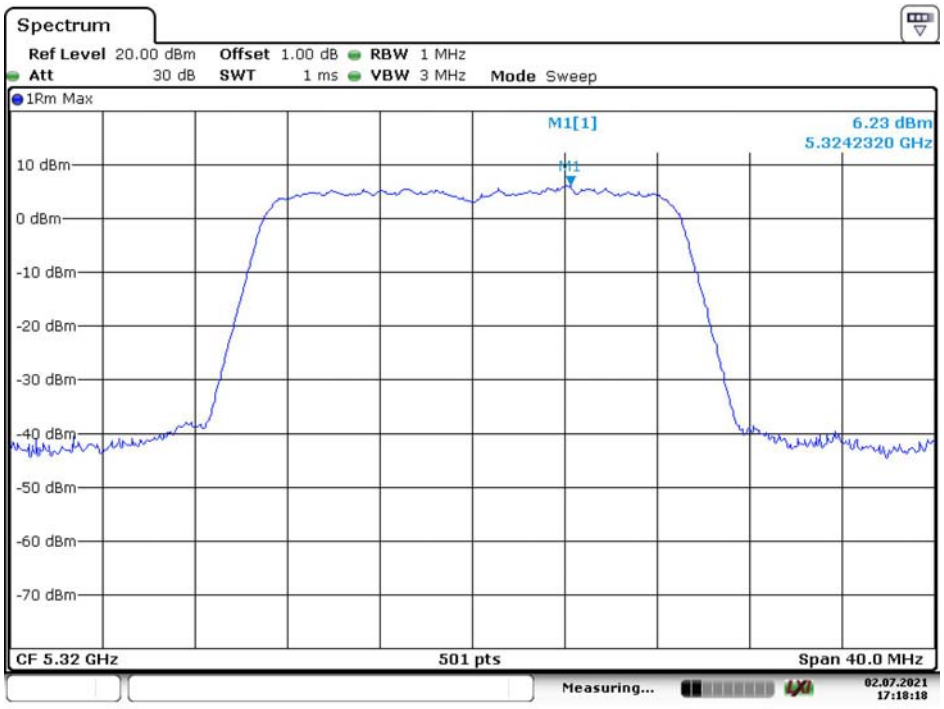
Date: 2.JUL.2021 17:14:14

802.11n ht20 Middle Channel



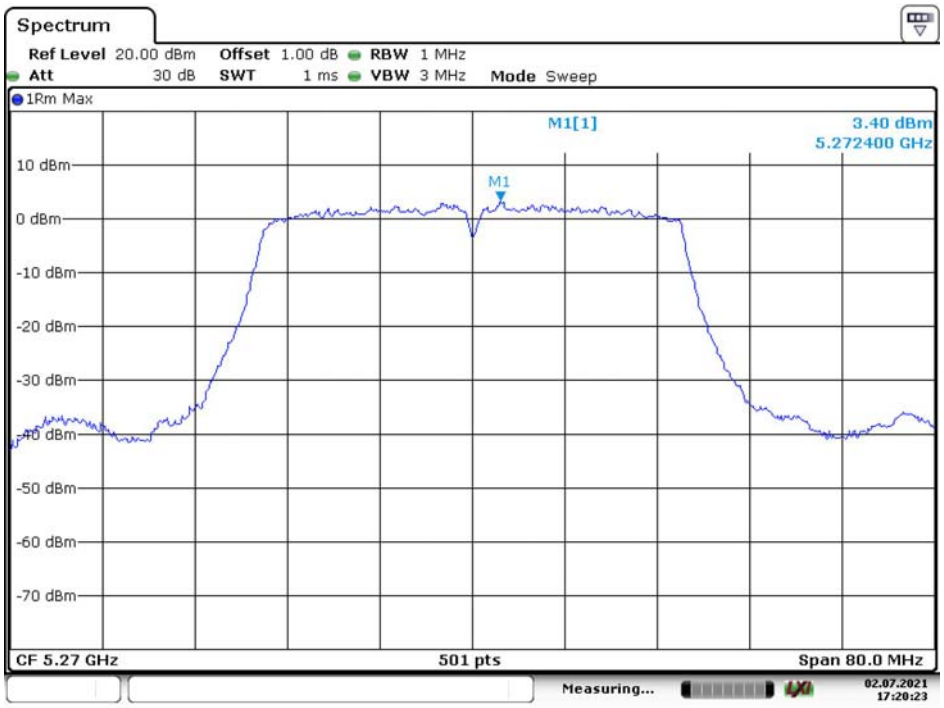
Date: 2.JUL.2021 17:17:11

802.11n ht20 High Channel



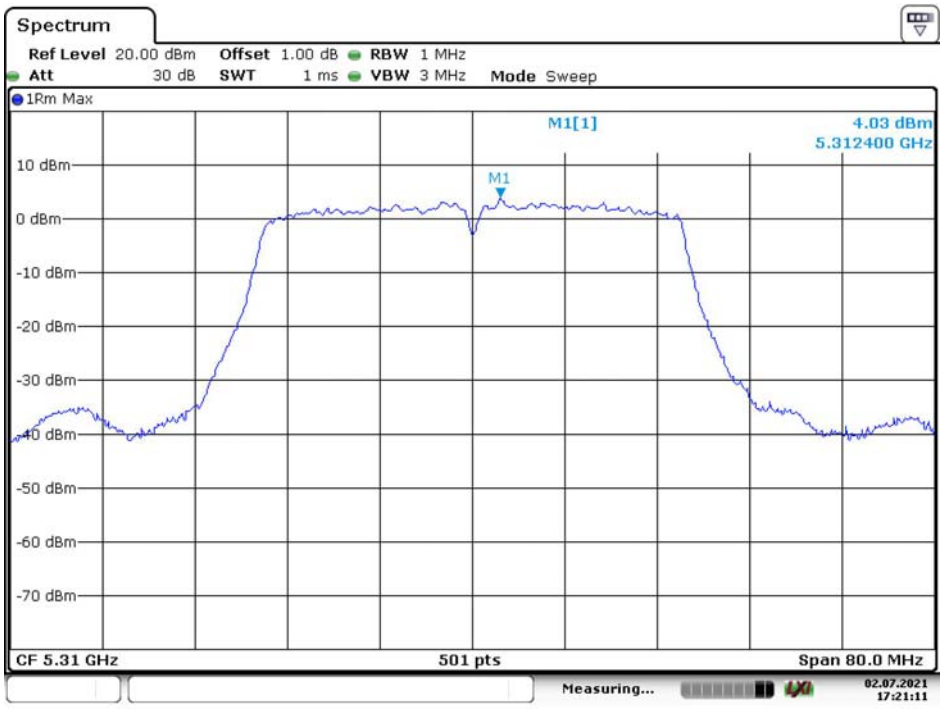
Date: 2.JUL.2021 17:18:19

802.11n ht40 Low Channel



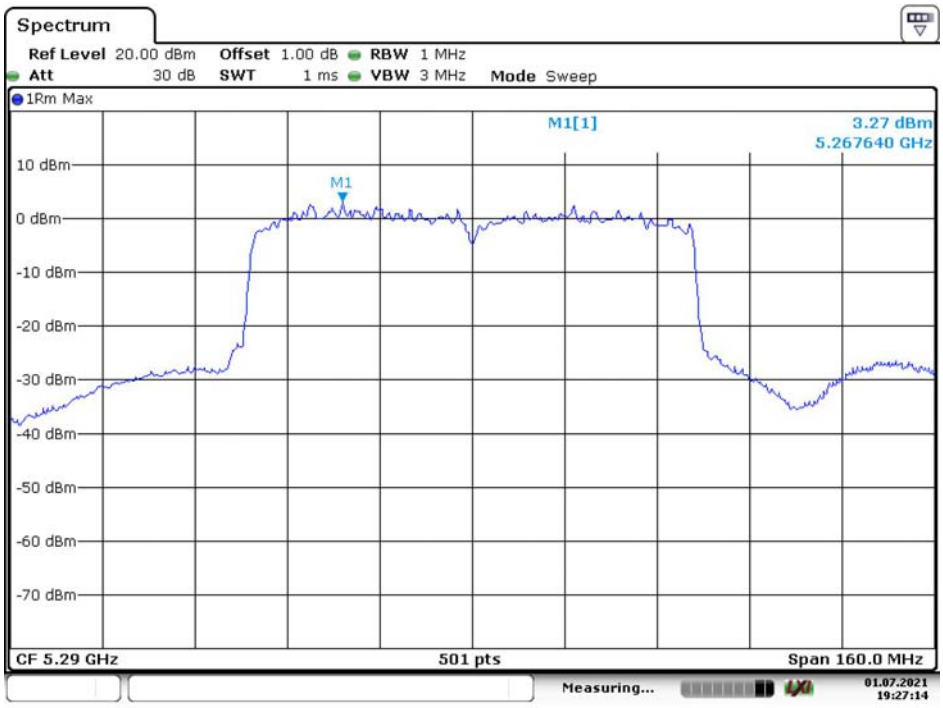
Date: 2.JUL.2021 17:20:24

802.11n ht40 High Channel



Date: 2.JUL.2021 17:21:11

802.11ac vht80 Middle Channel



5470-5725MHz
Chain 0

802.11a Low Channel

Date: 1.JUL.2021 19:40:29

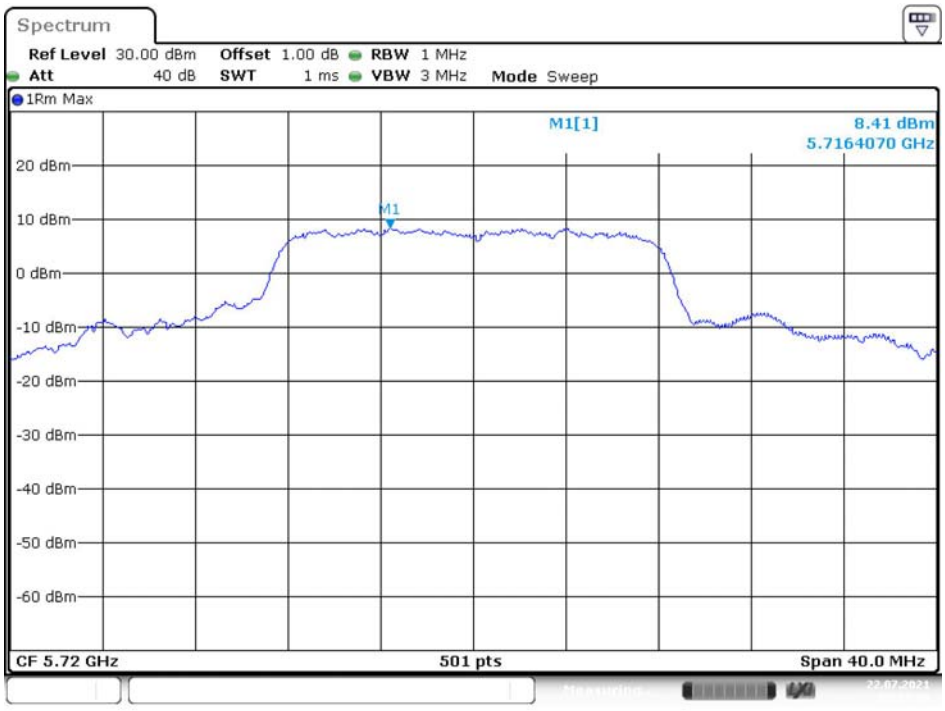
802.11a Middle Channel

Date: 1.JUL.2021 19:42:25

802.11a High Channel

Date: 1.JUL.2021 19:43:28

802.11a High Channel Additional

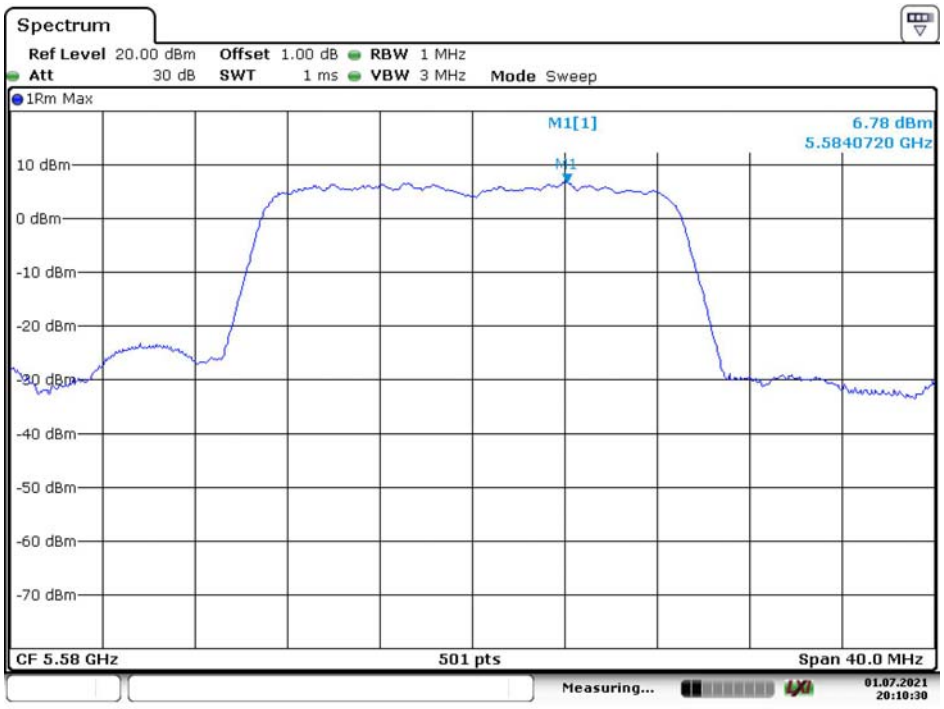


Date: 22.JUL.2021 22:07:50

802.11n ht20 Low Channel

Date: 7.JUL.2021 00:27:17

802.11n ht20 Middle Channel



Date: 1.JUL.2021 20:10:30

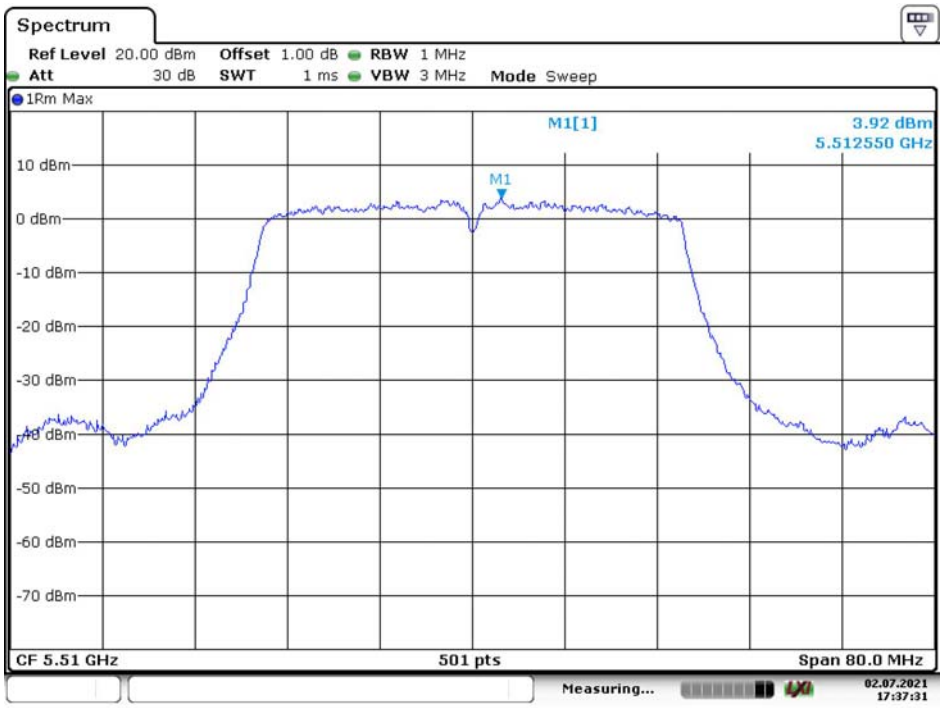
802.11n ht20 High Channel

Date: 2.JUL.2021 17:32:15

802.11n ht20 High Channel Additional

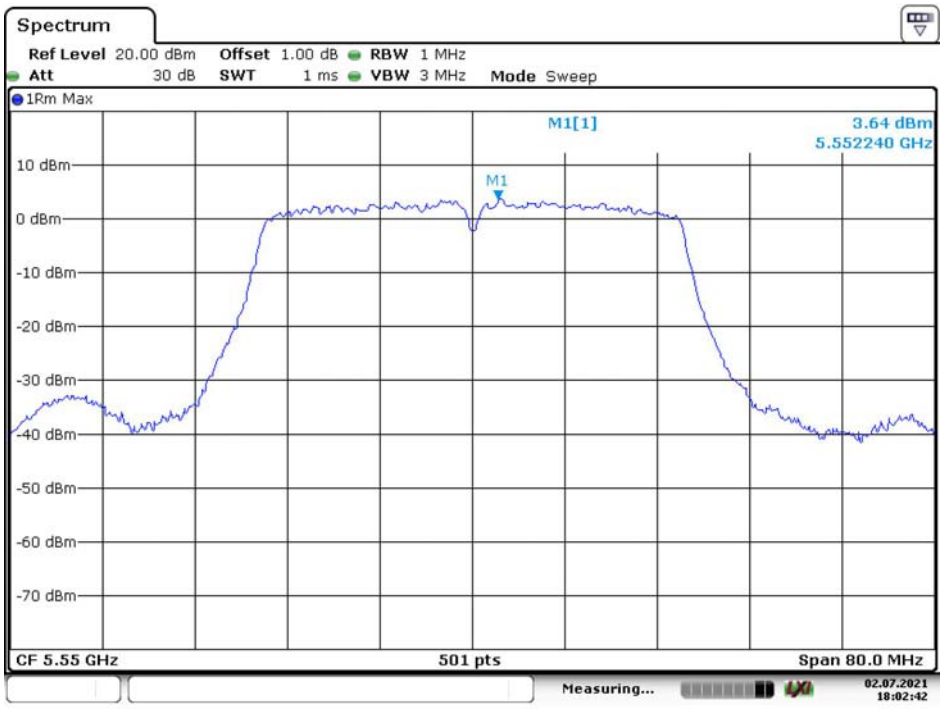
Date: 22.JUL.2021 22:10:02

802.11n ht40 Low Channel



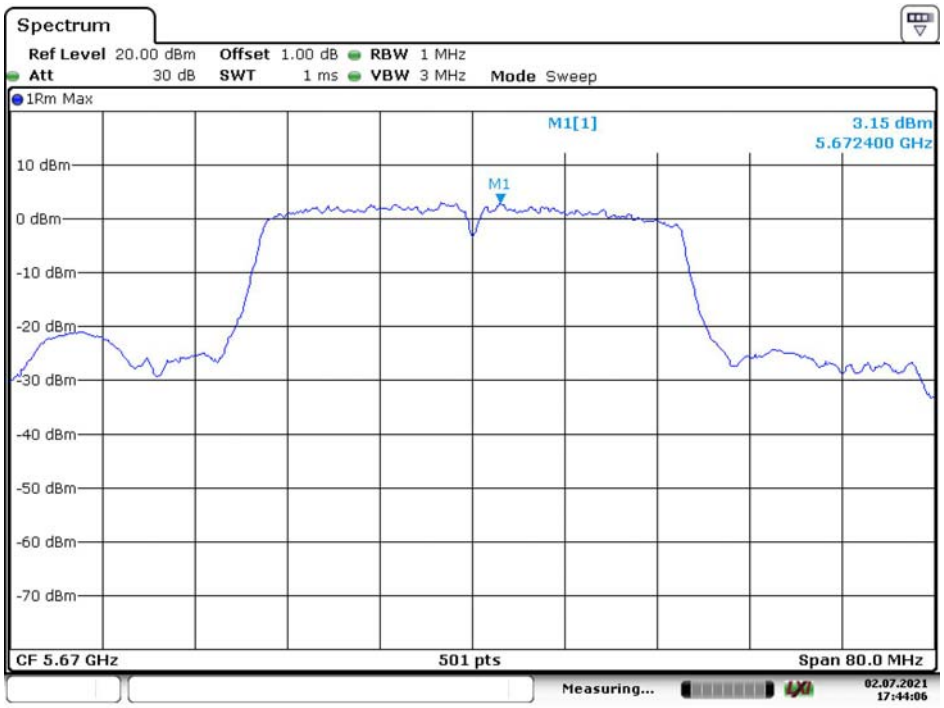
Date: 2.JUL.2021 17:37:31

802.11n ht40 Middle Channel



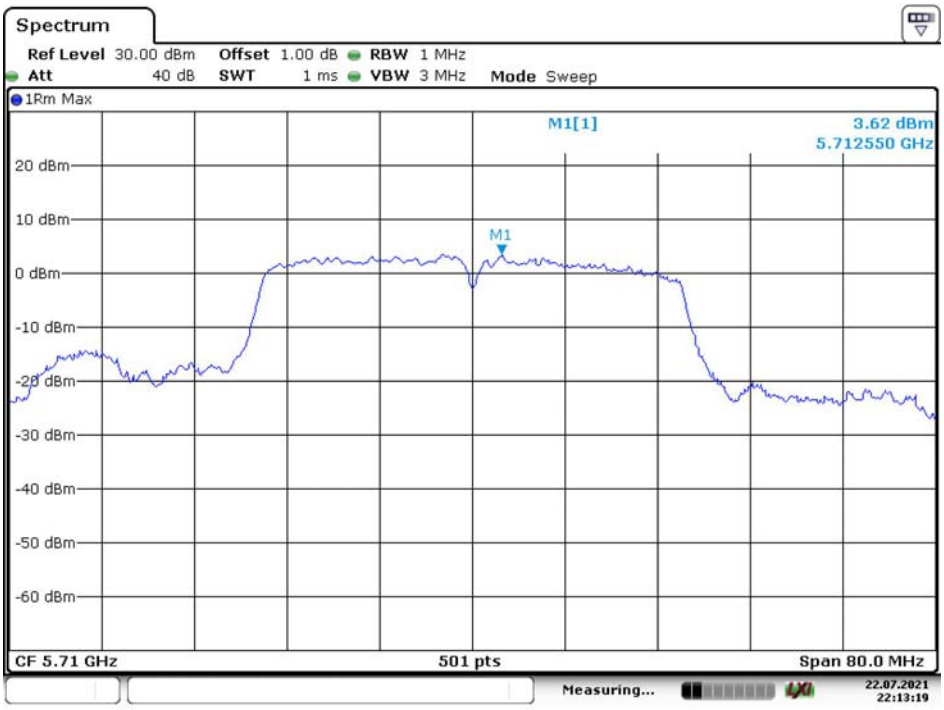
Date: 2.JUL.2021 18:02:42

802.11n ht40 High Channel



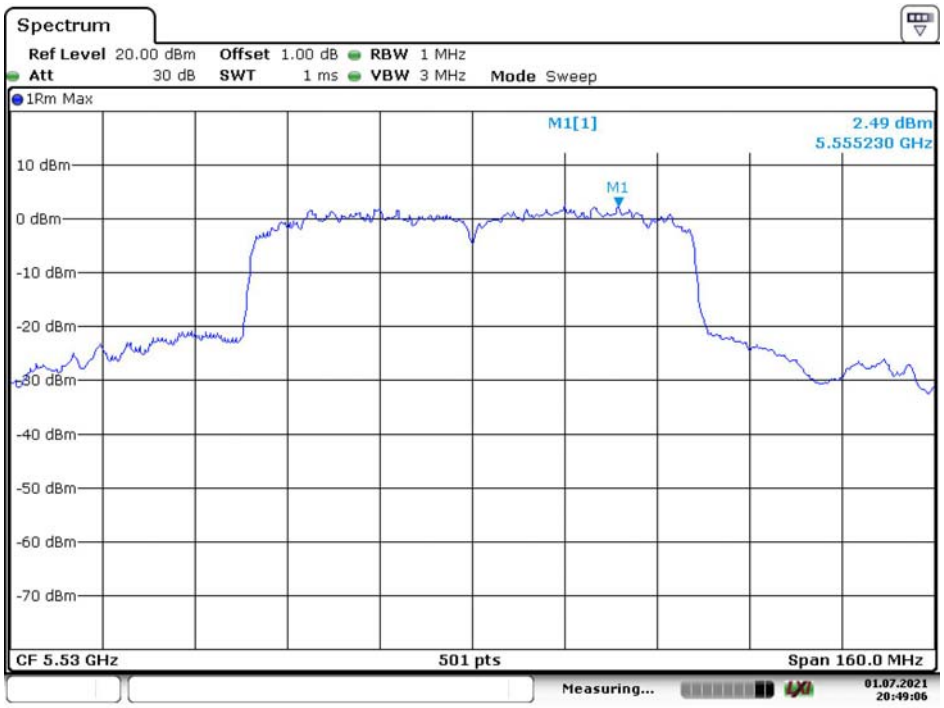
Date: 2.JUL.2021 17:44:07

802.11n ht40 High Channel Additional



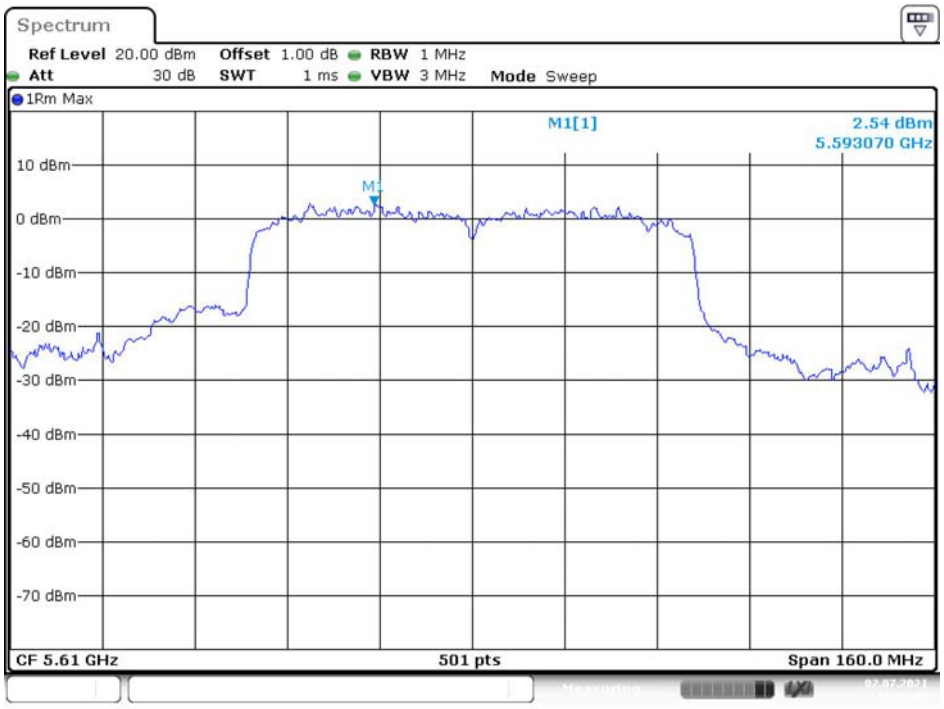
Date: 22.JUL.2021 22:13:19

802.11ac vht80 Low Channel



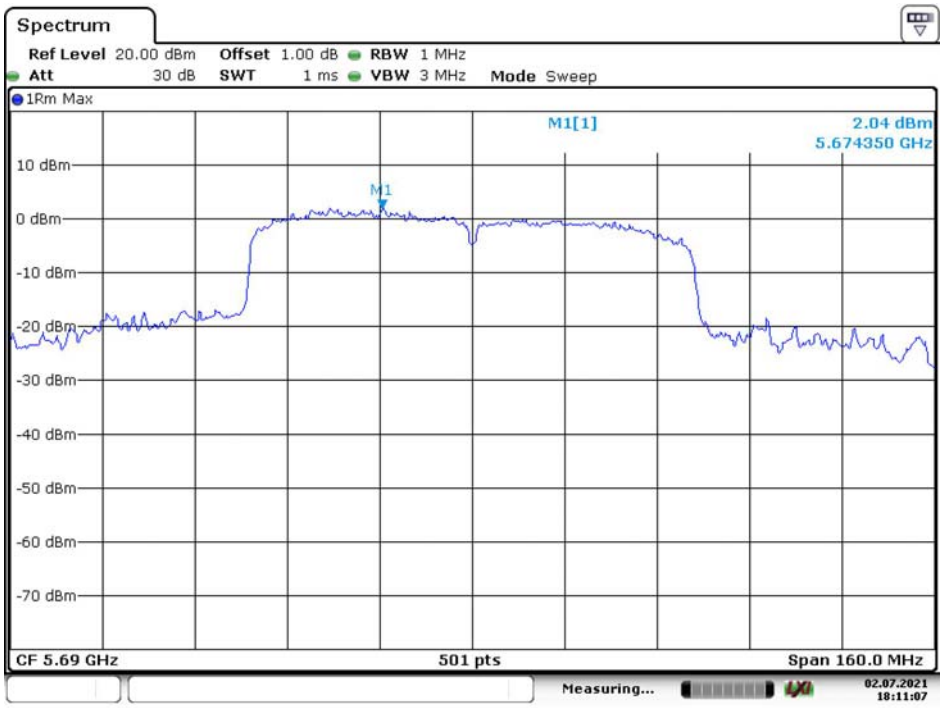
Date: 1.JUL.2021 20:49:07

802.11ac vht80 Middle Channel



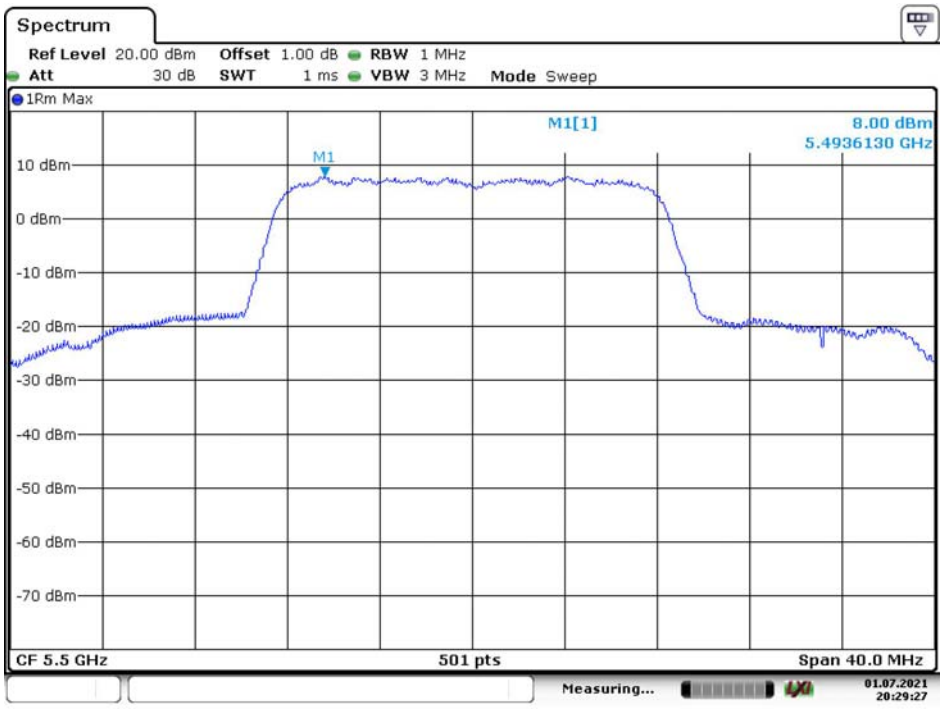
Date: 2.JUL.2021 18:29:04

802.11ac vht80 Additional Channel



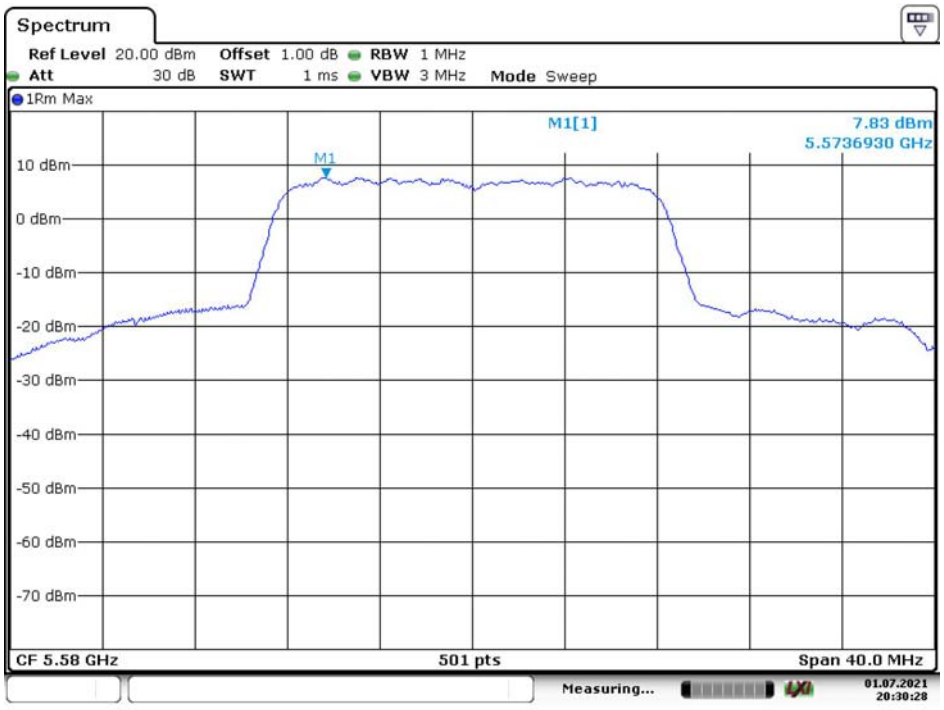
Chain 1

802.11a Low Channel



Date: 1.JUL.2021 20:29:28

802.11a Middle Channel

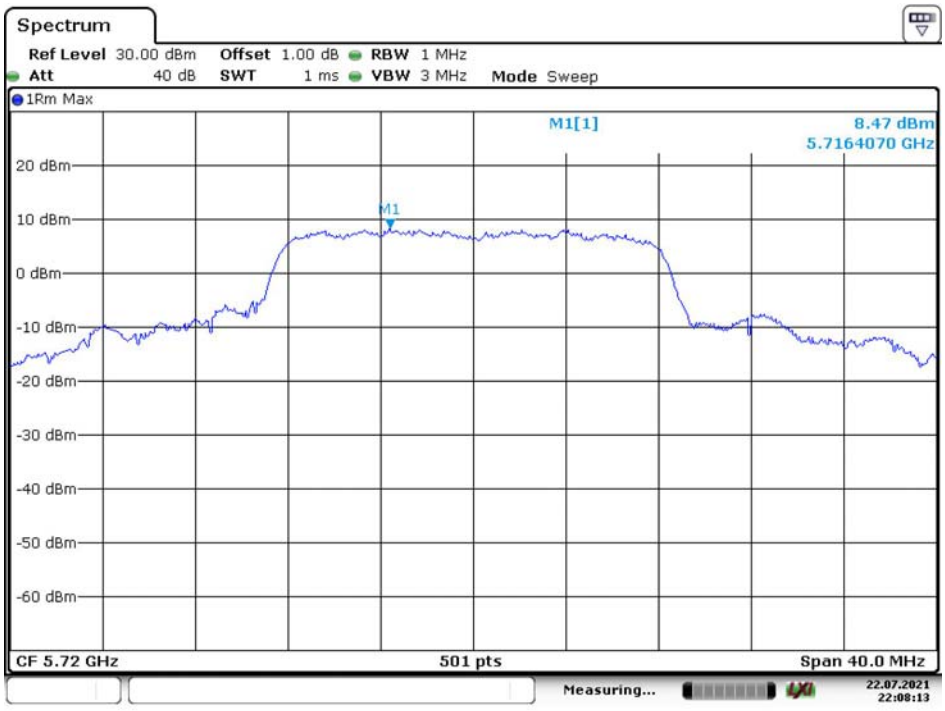


Date: 1.JUL.2021 20:30:29

802.11a High Channel

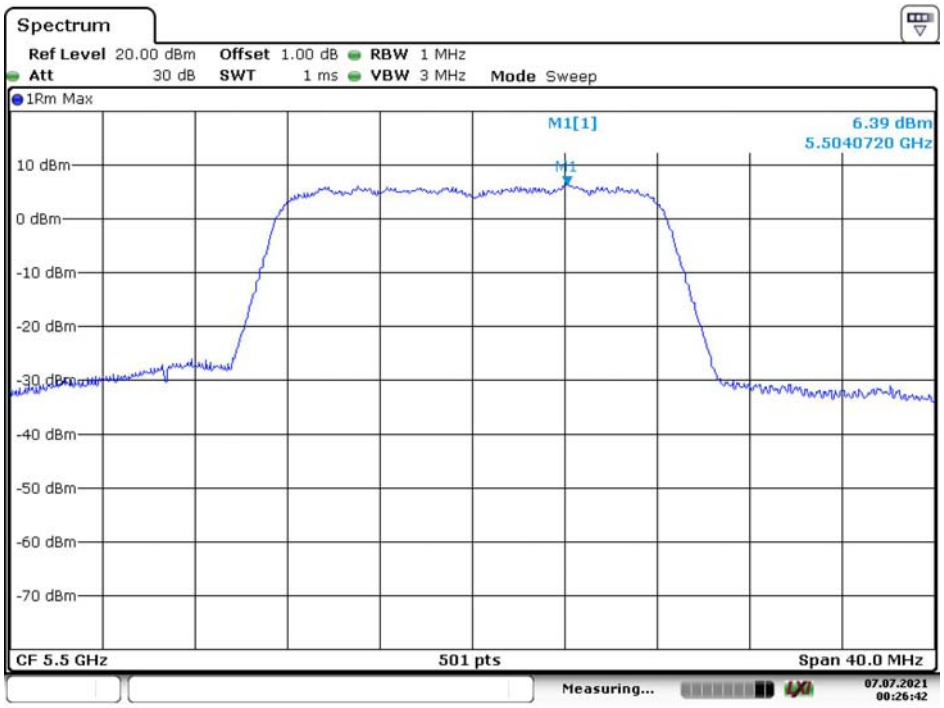
Date: 1.JUL.2021 20:32:52

802.11a High Channel Additional



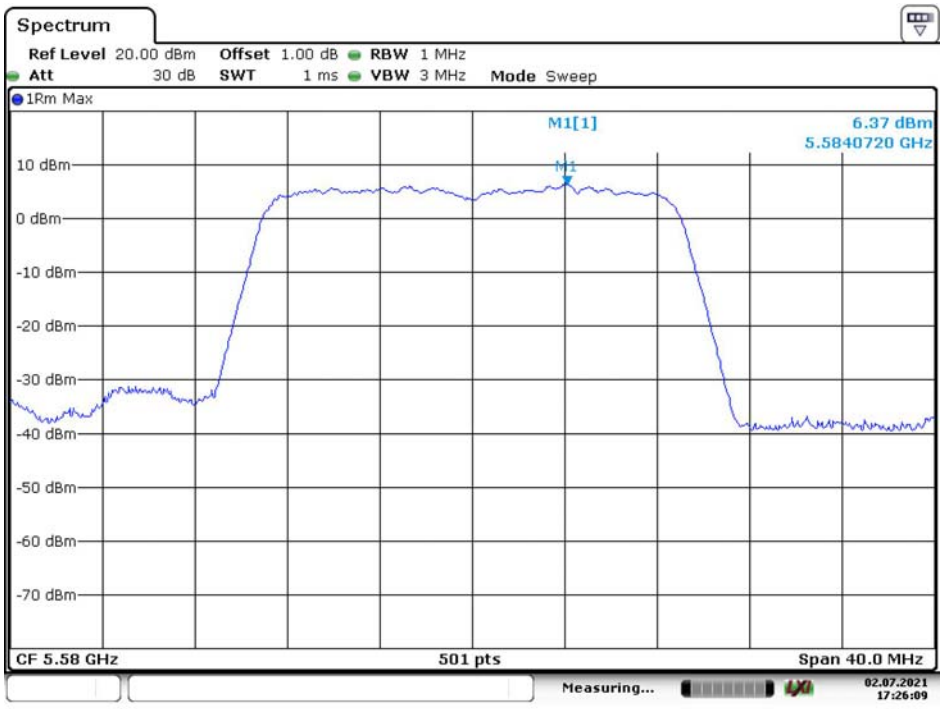
Date: 22.JUL.2021 22:08:13

802.11n ht20 Low Channel



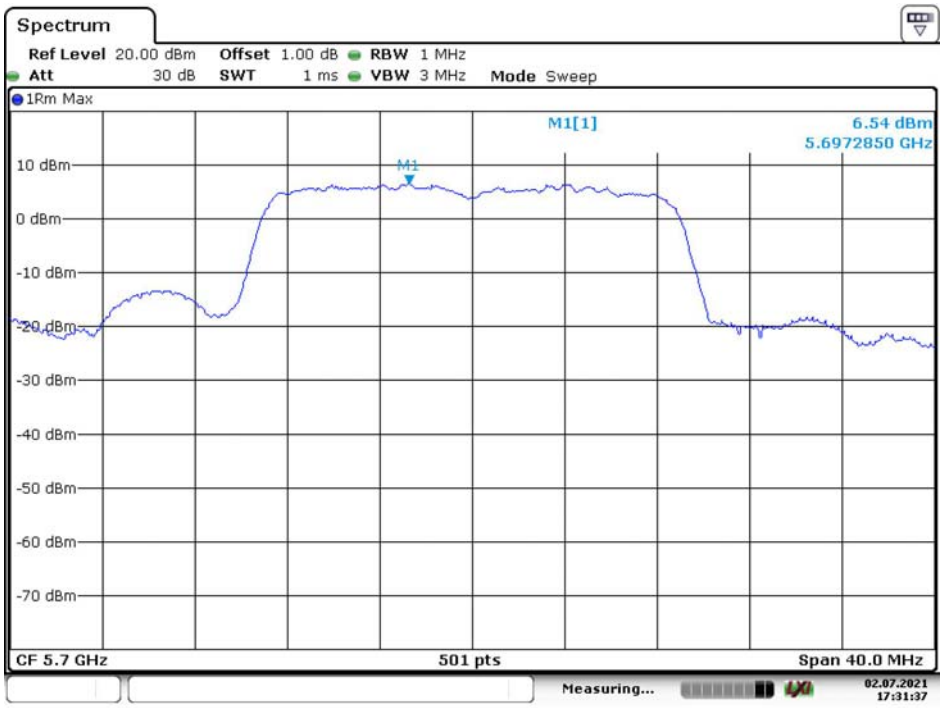
Date: 7.JUL.2021 00:26:42

802.11n ht20 Middle Channel



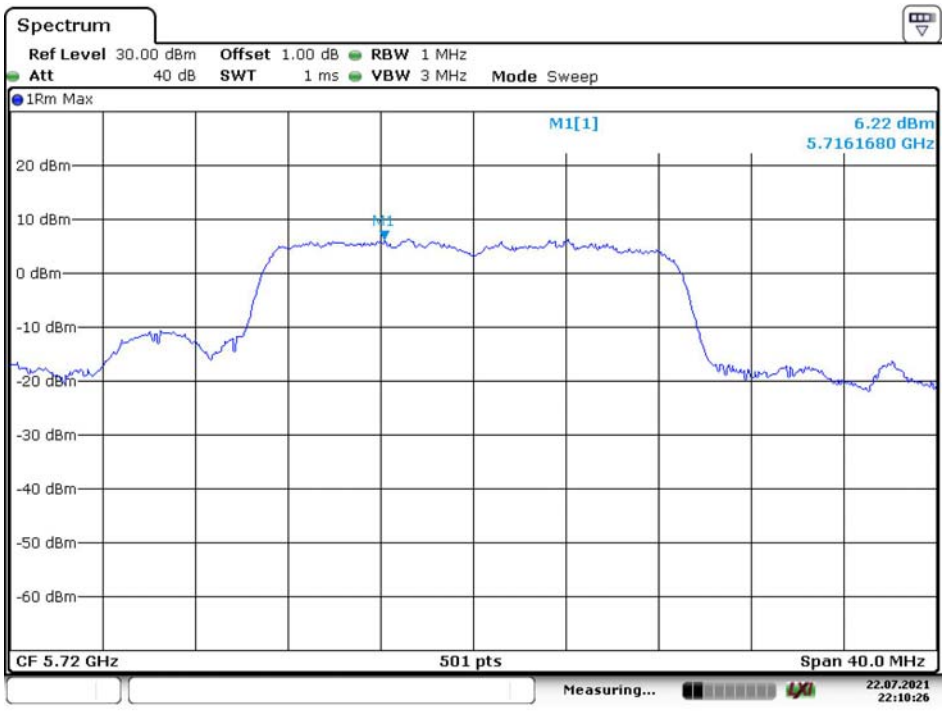
Date: 2.JUL.2021 17:26:09

802.11n ht20 High Channel



Date: 2.JUL.2021 17:31:38

802.11n ht20 High Channel Additional

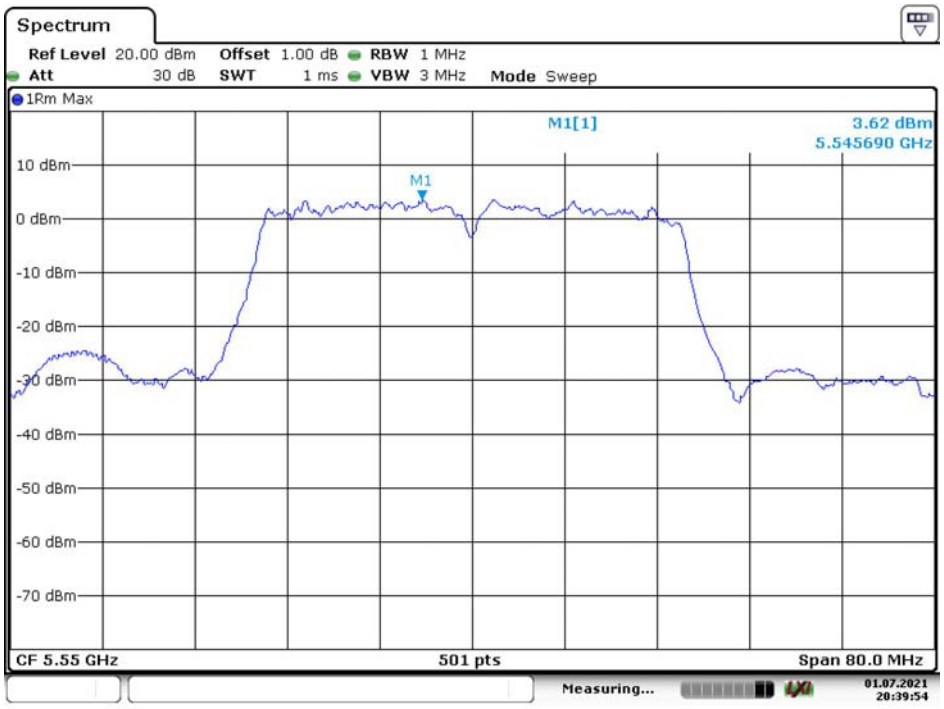


Date: 22.JUL.2021 22:10:26

802.11n ht40 Low Channel

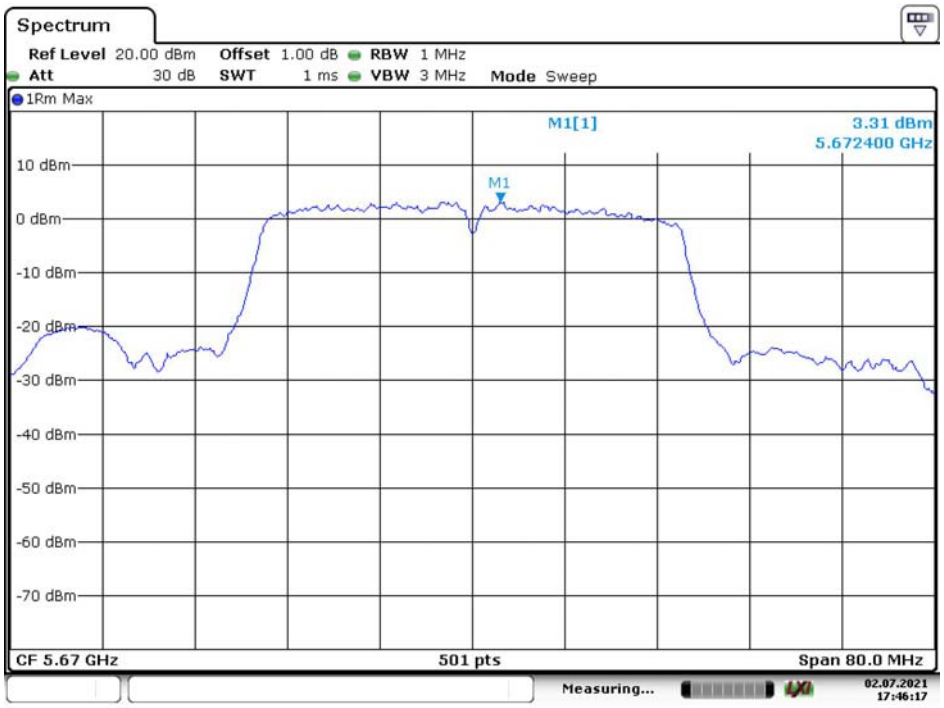
Date: 1.JUL.2021 20:38:50

802.11n ht40 Middle Channel



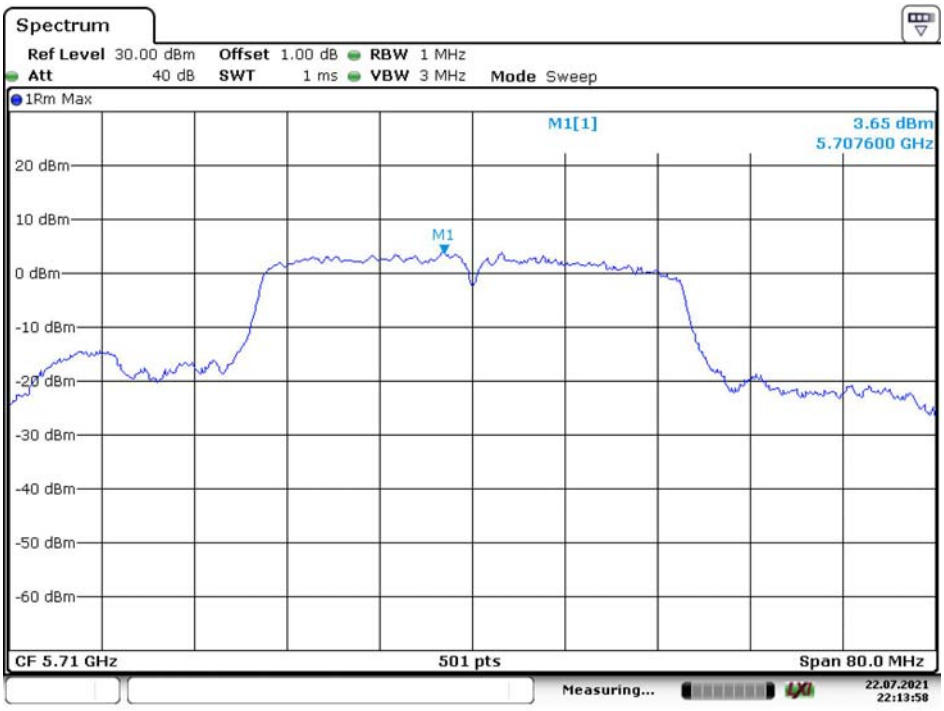
Date: 1.JUL.2021 20:39:55

802.11n ht40 High Channel



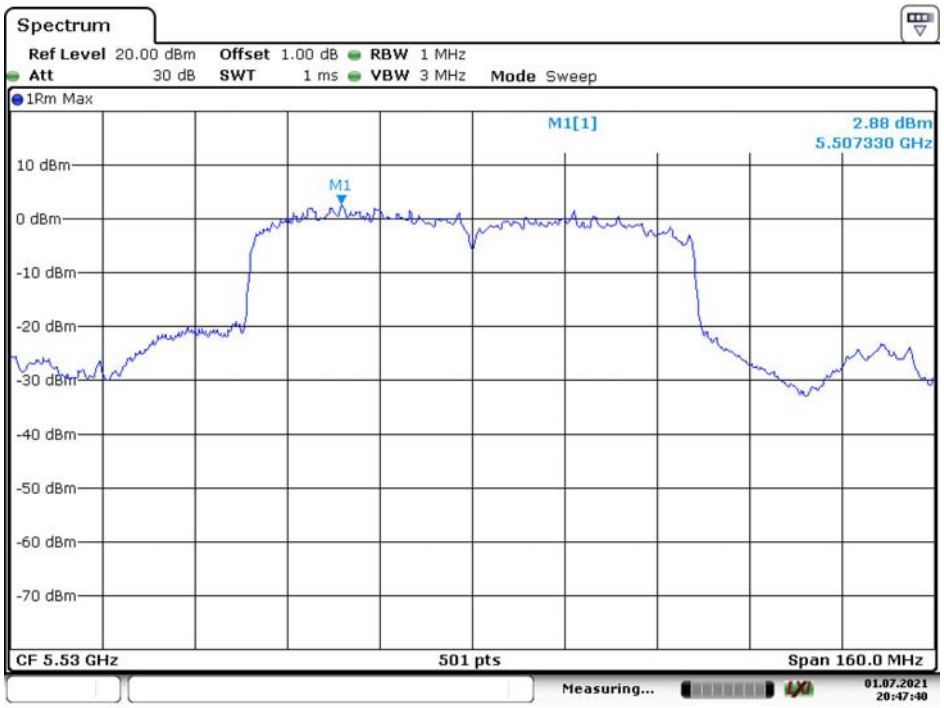
Date: 2.JUL.2021 17:46:18

802.11n ht40 High Channel Additional



Date: 22.JUL.2021 22:13:59

802.11ac vht80 Low Channel



Date: 1.JUL.2021 20:47:40

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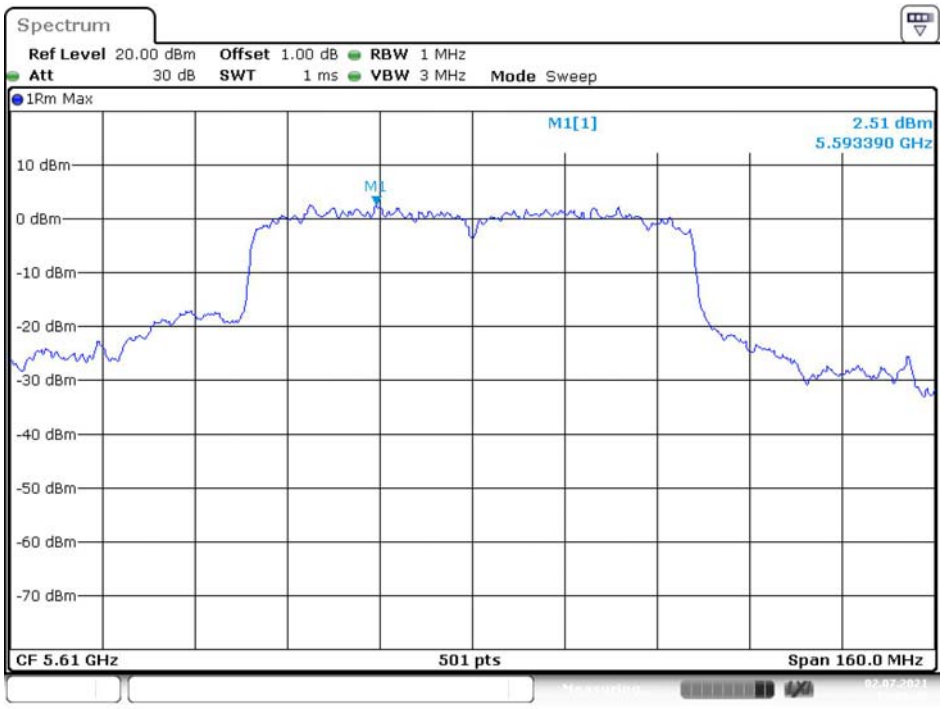

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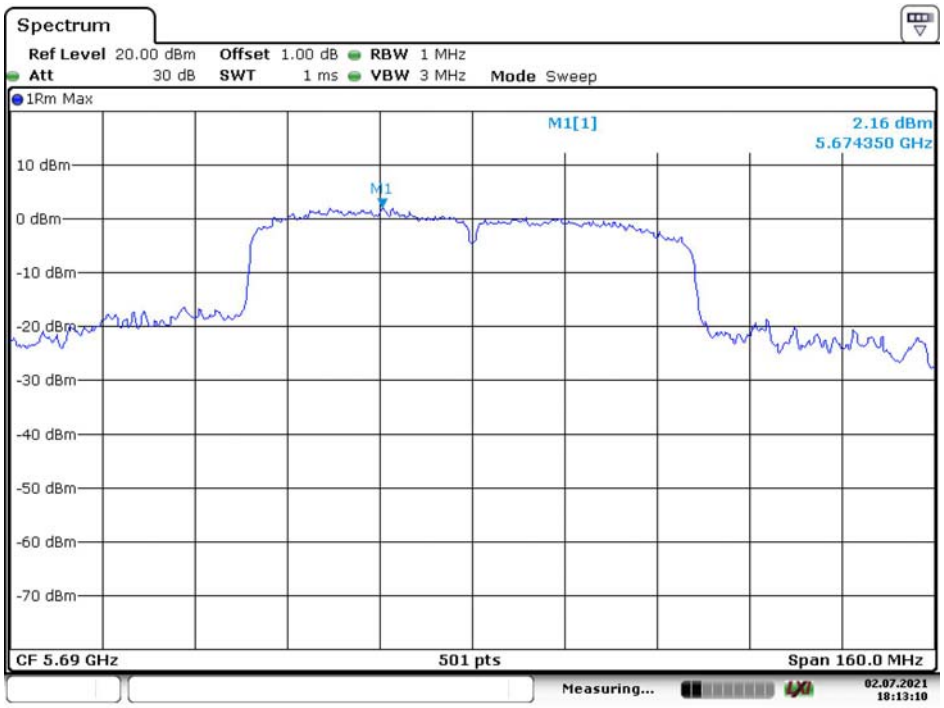
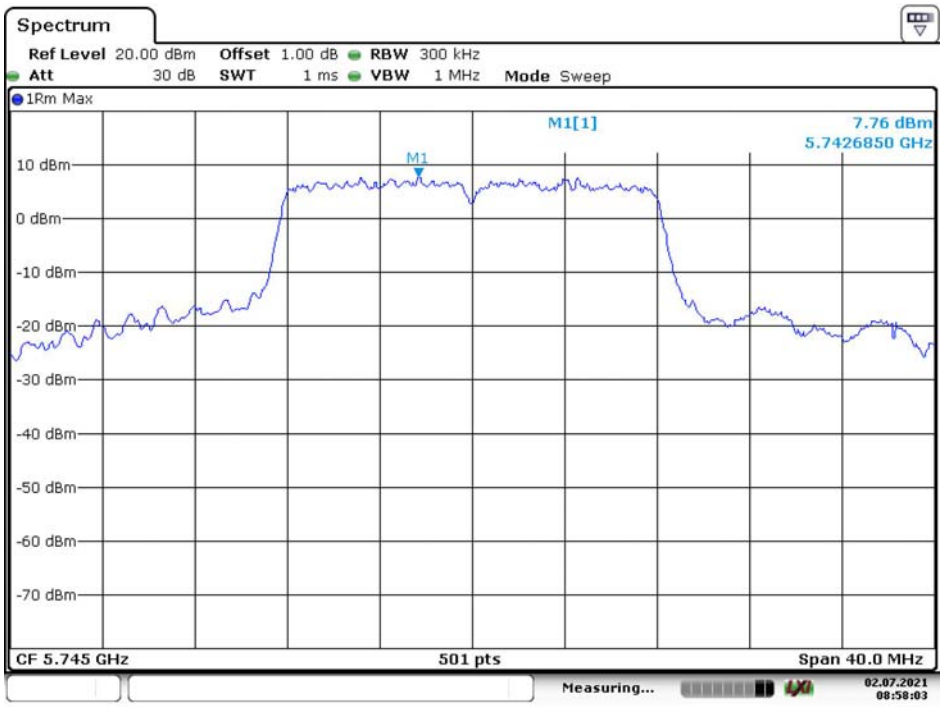
802.11ac vht80 Additional Channel



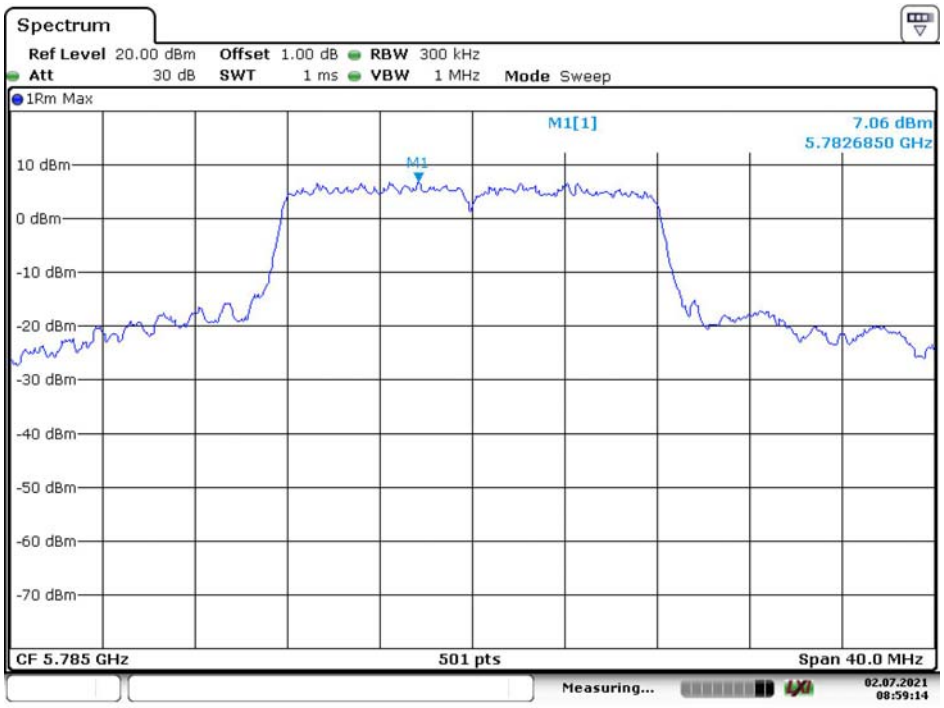
5725-5850MHz
Chain 0

802.11a Low Channel



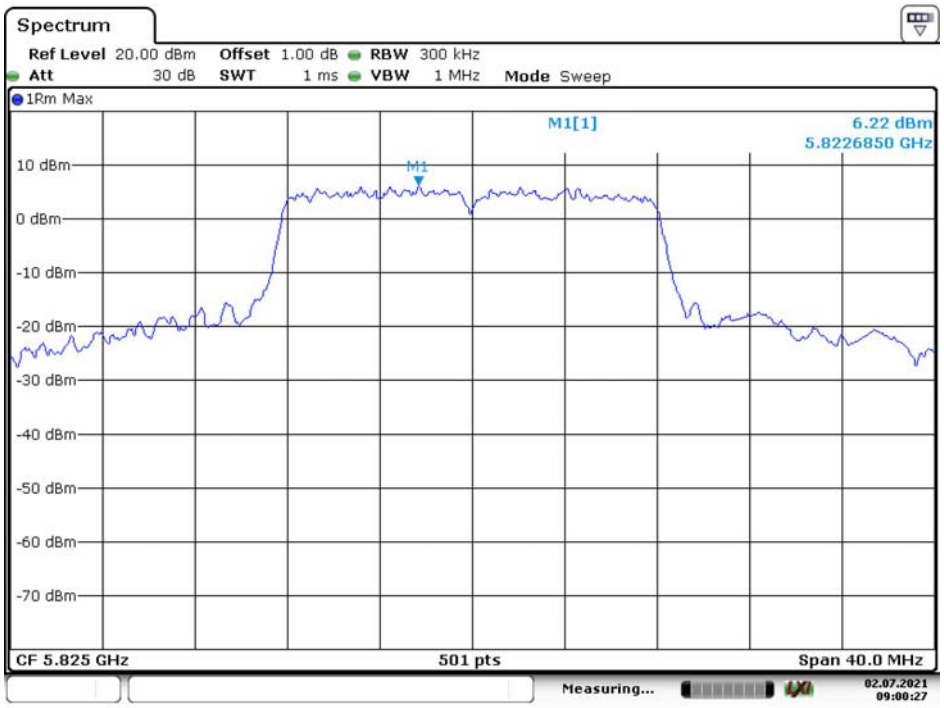
Date: 2.JUL.2021 08:58:04

802.11a Middle Channel



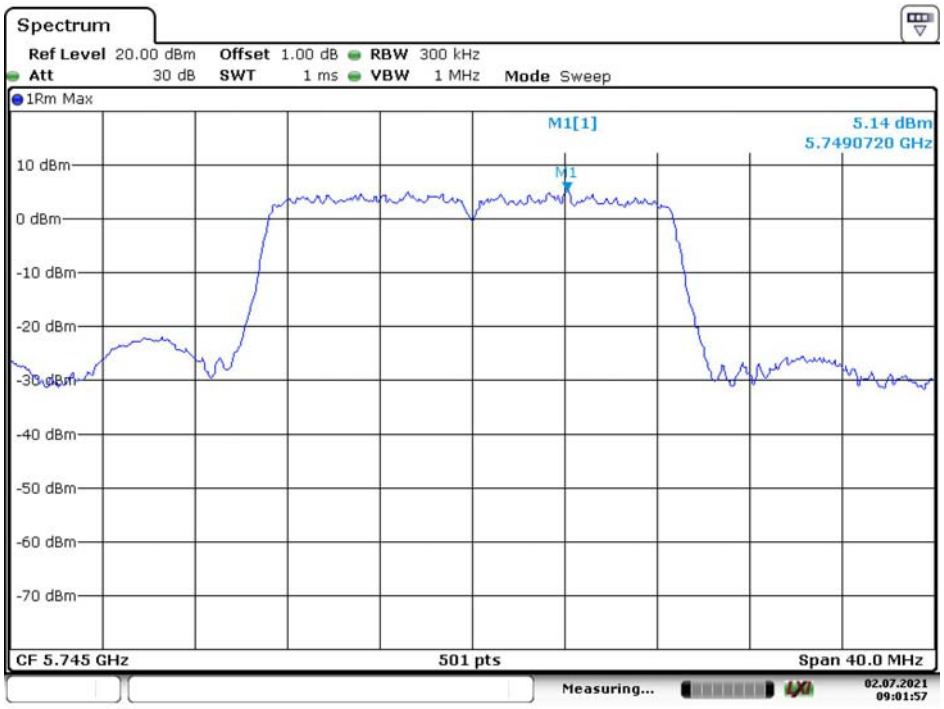
Date: 2.JUL.2021 08:59:14

802.11a High Channel



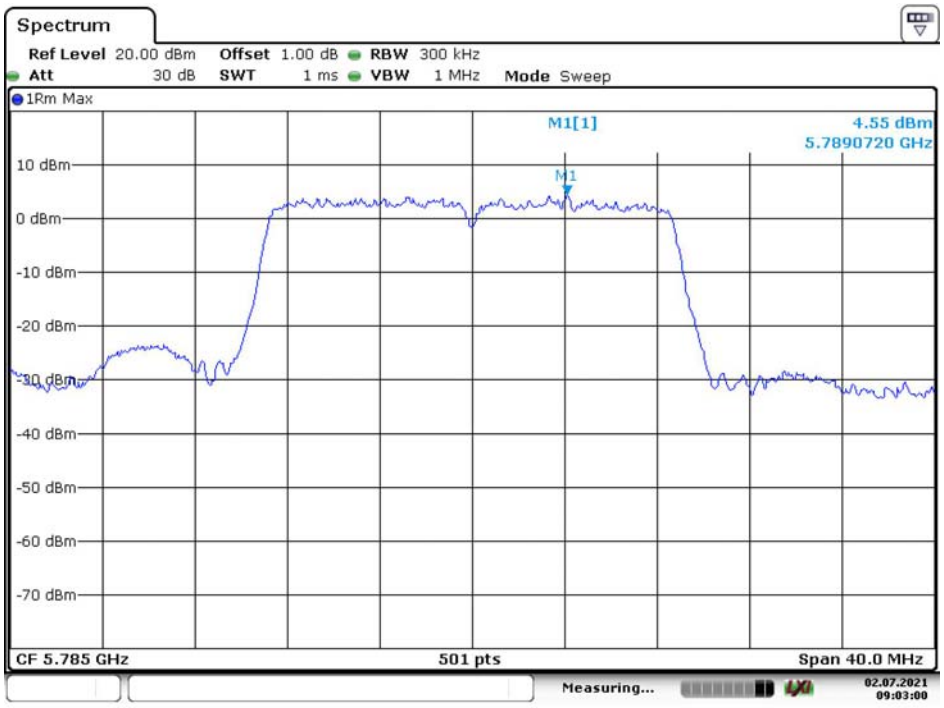
Date: 2.JUL.2021 09:00:28

802.11n ht20 Low Channel



Date: 2.JUL.2021 09:01:58

802.11n ht20 Middle Channel



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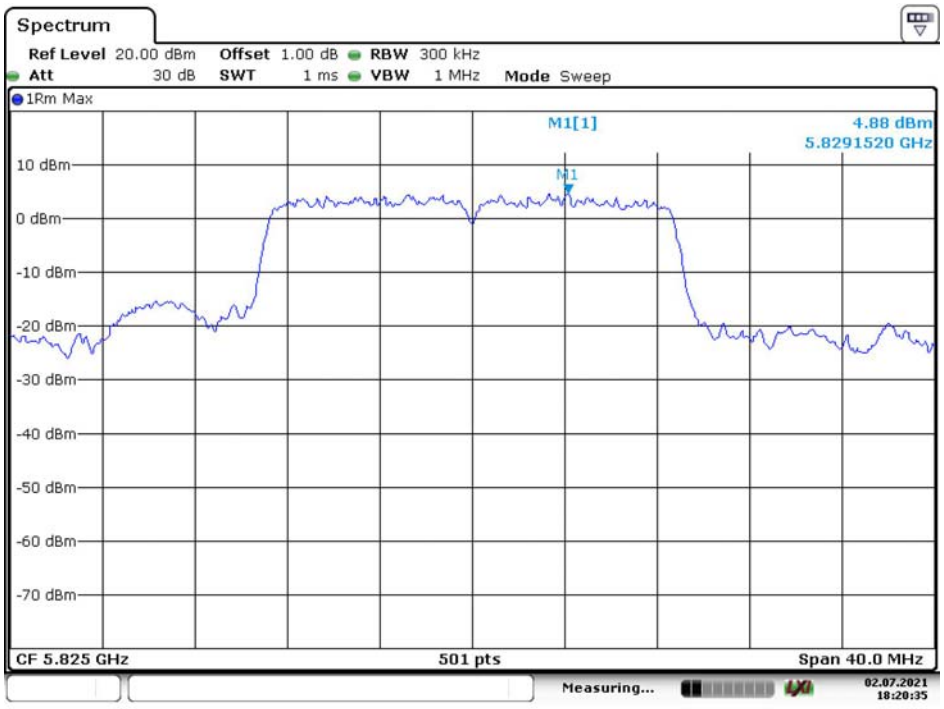
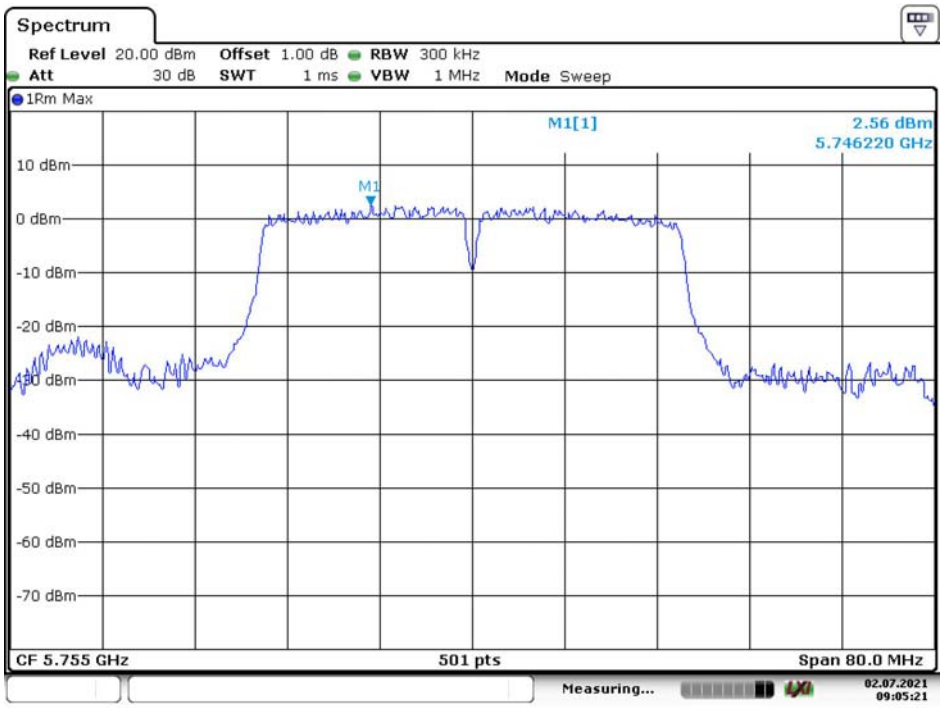


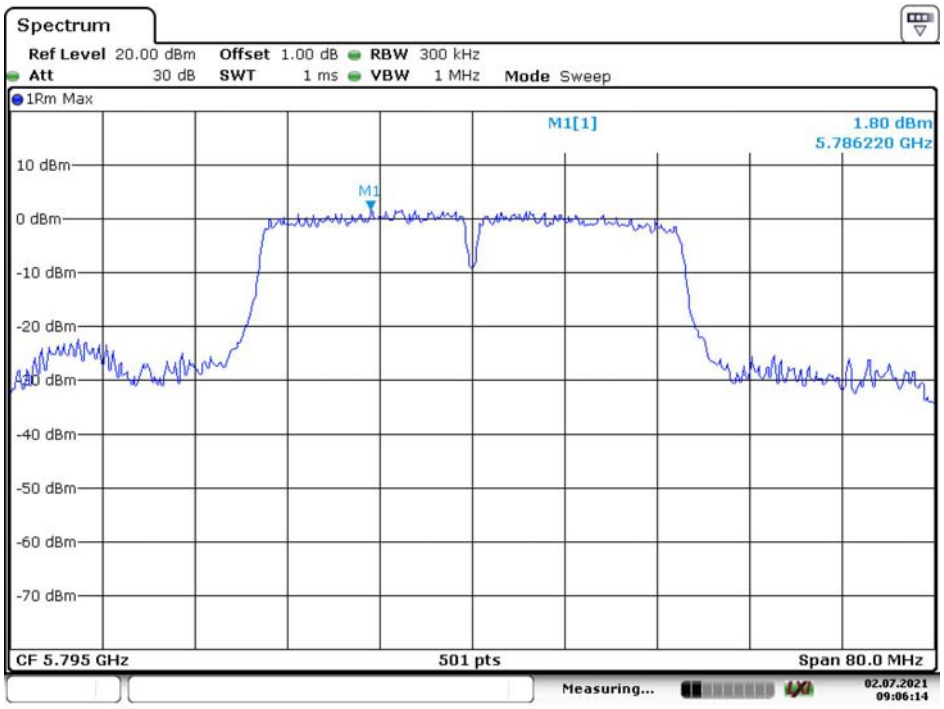
Date: 2.JUL.2021 18:20:36

802.11n ht40 Low Channel



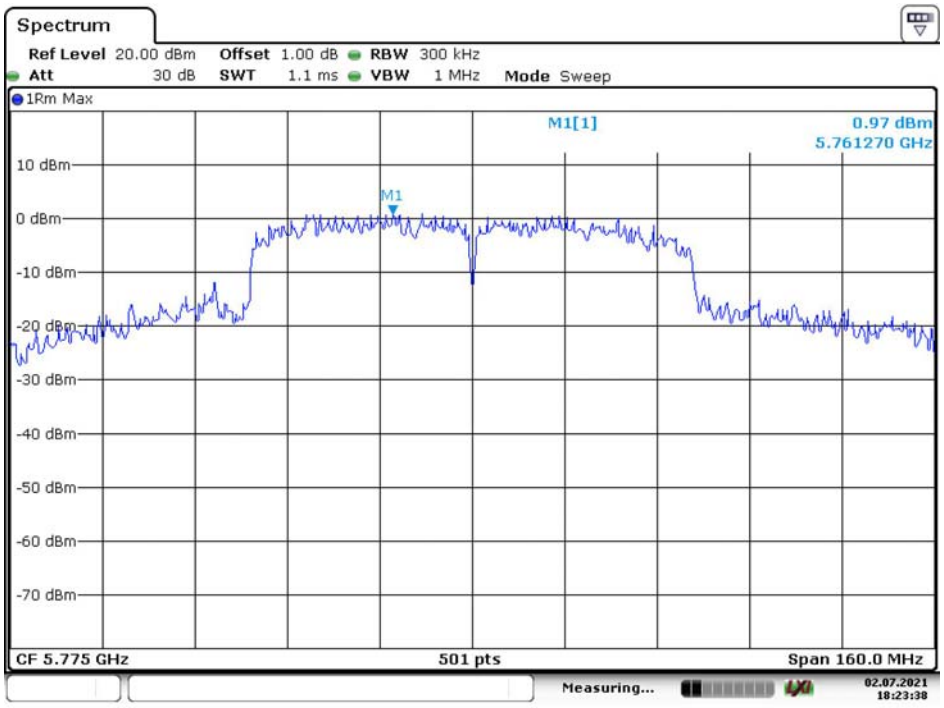
Date: 2.JUL.2021 09:05:22

802.11n ht40 High Channel



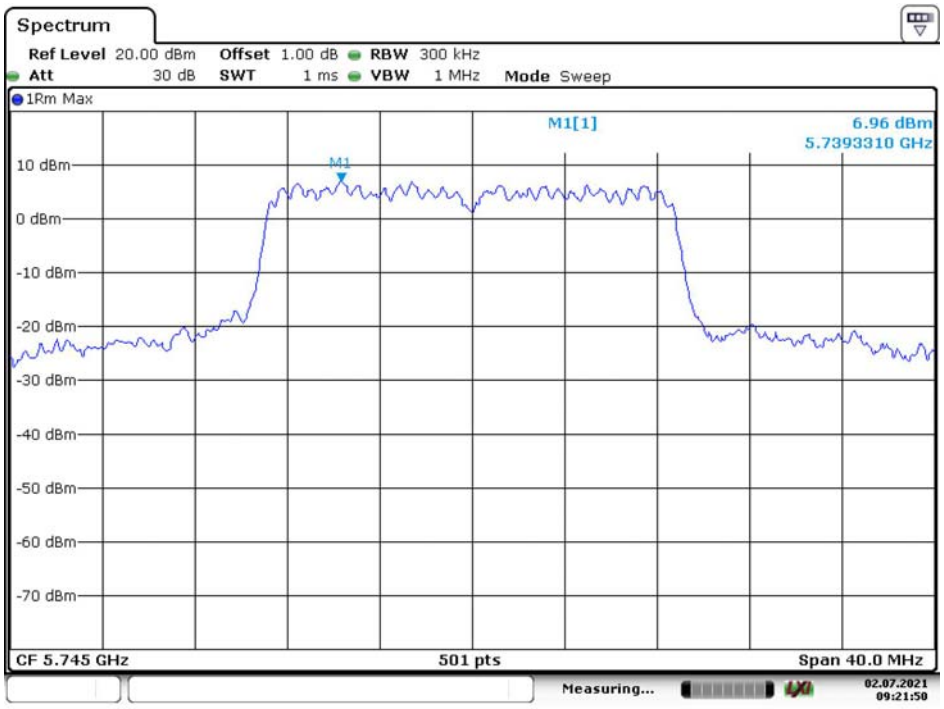
Date: 2.JUL.2021 09:06:15

802.11ac vht80 Middle Channel



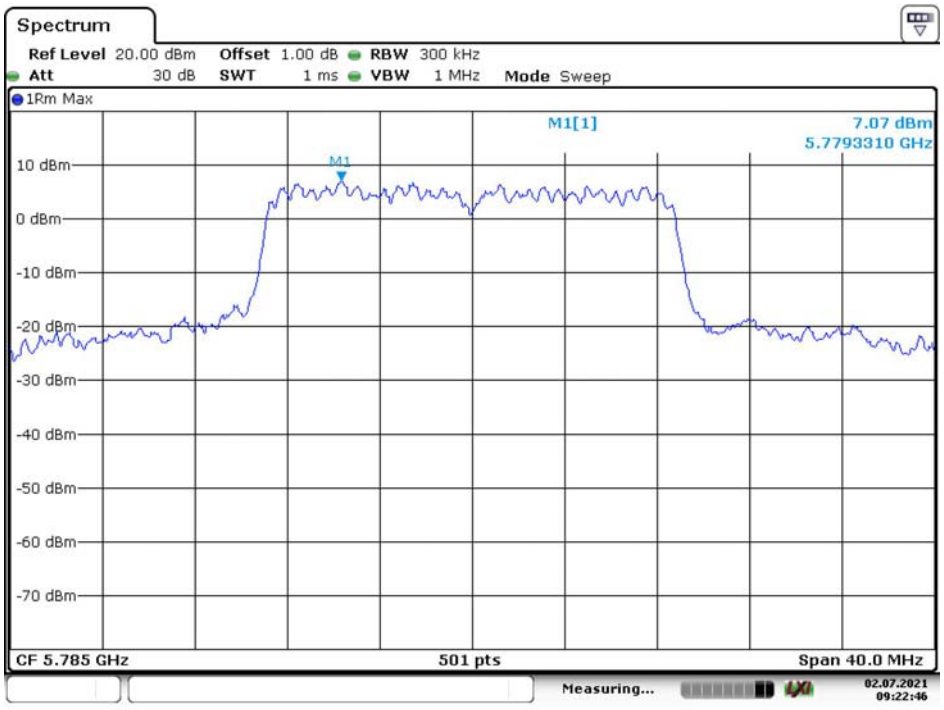
Chain 1:

802.11a Low Channel



Date: 2.JUL.2021 09:21:51

802.11a Middle Channel



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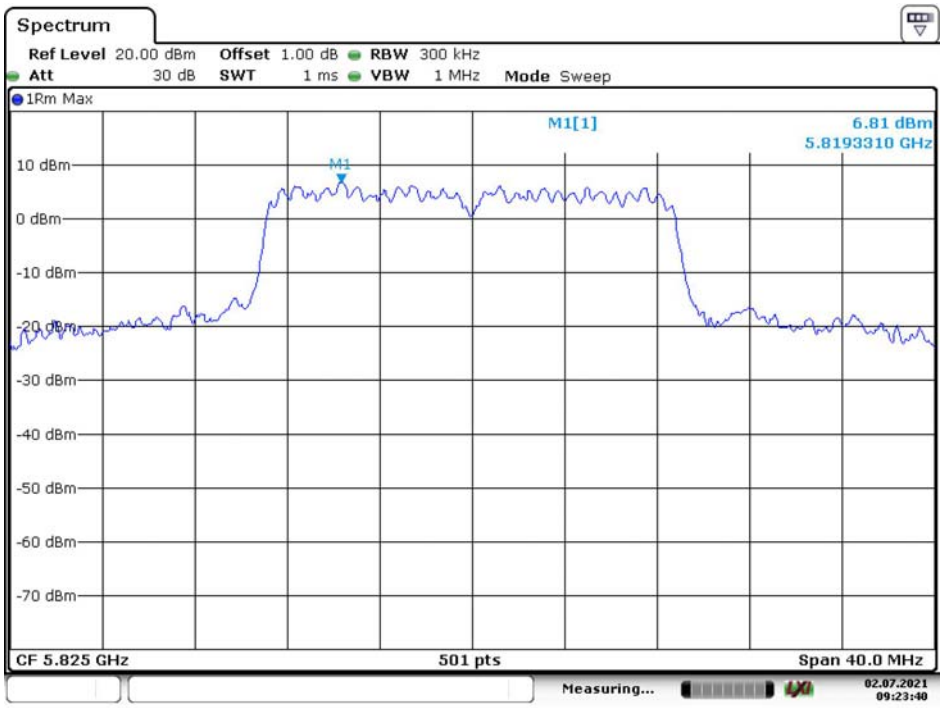
802.11a High Channel



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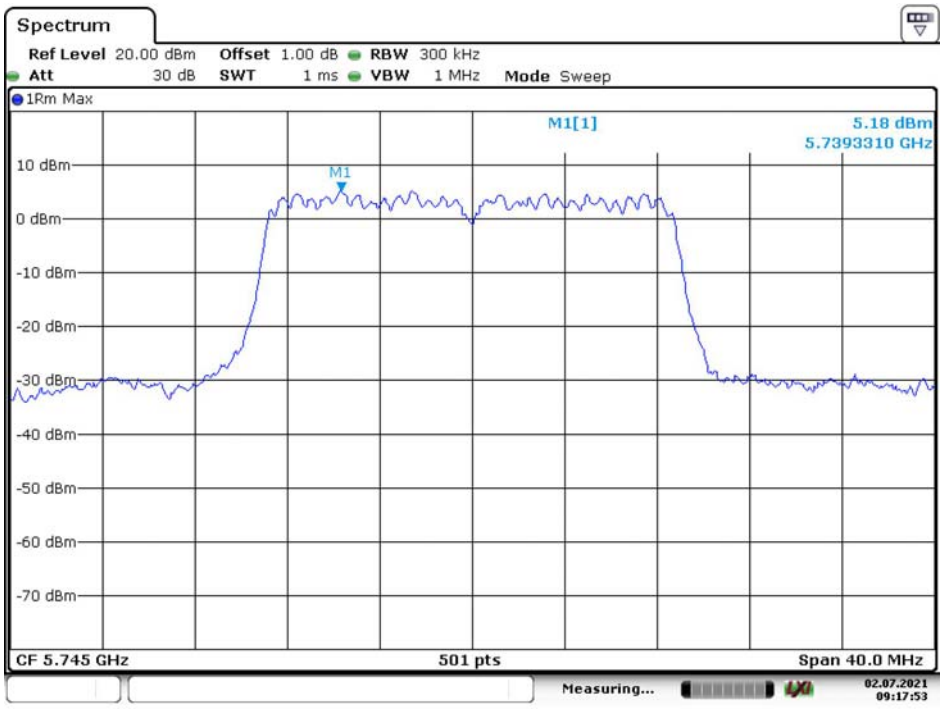

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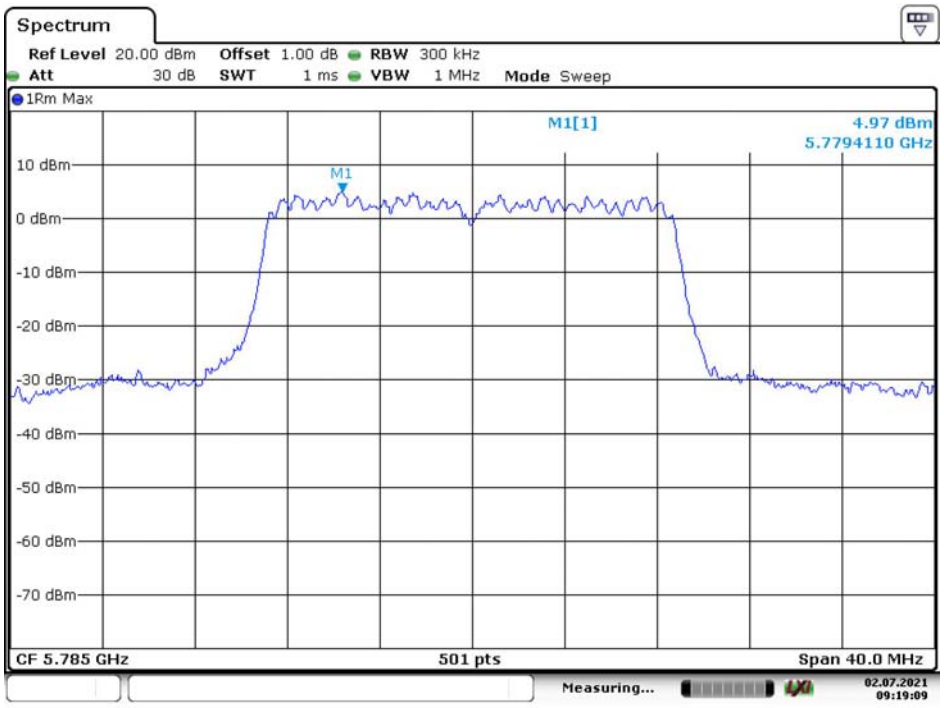
802.11n ht20 Middle Channel



Date: 2.JUL.2021 09:19:10

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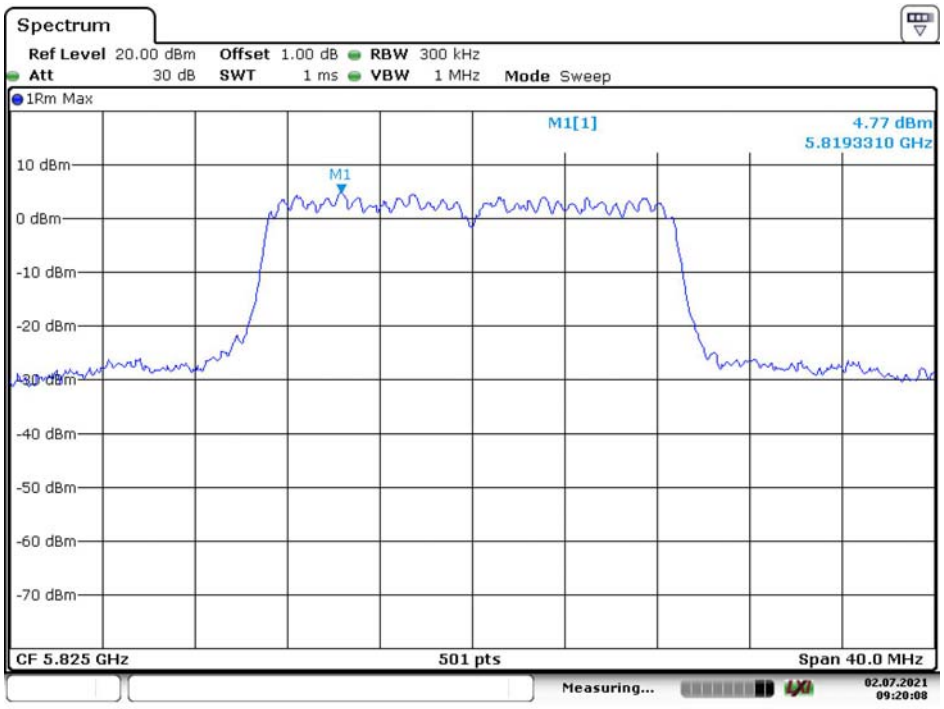

Date: 2.JUL.2021 09:20:09

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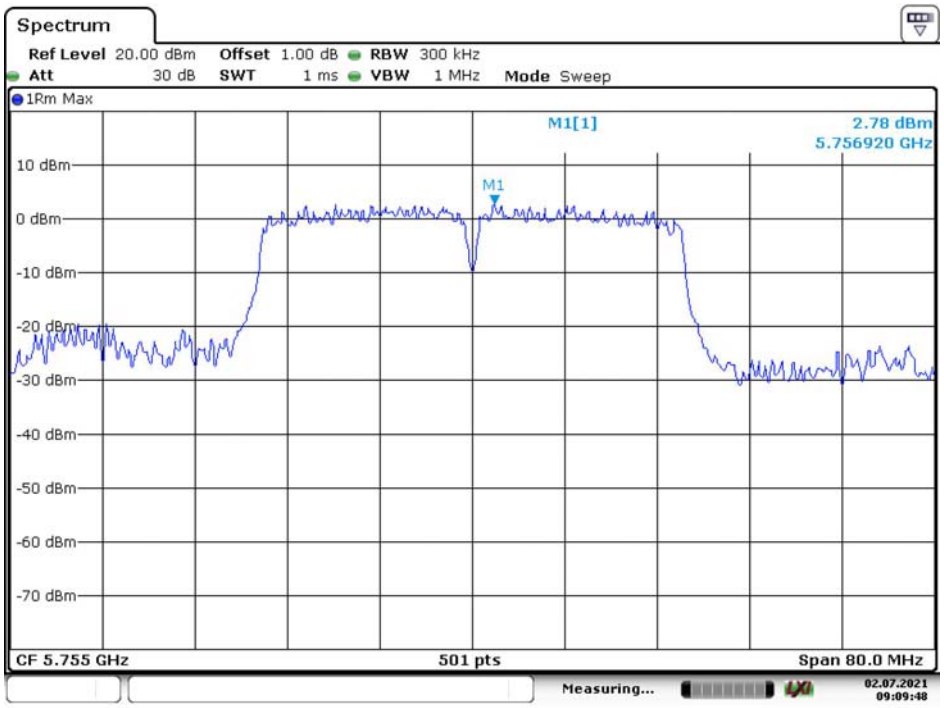

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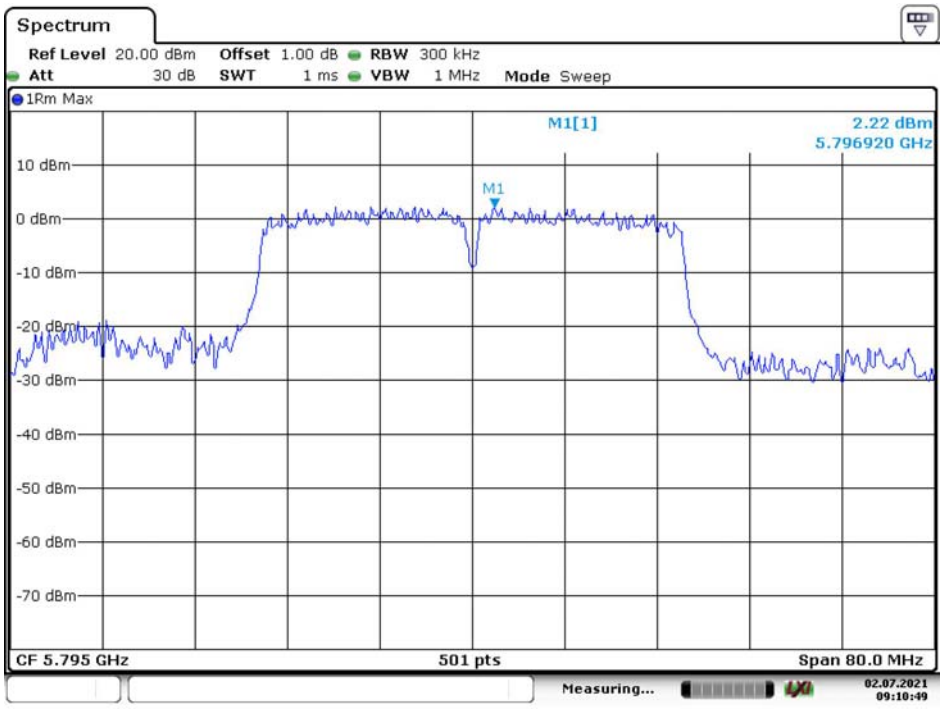
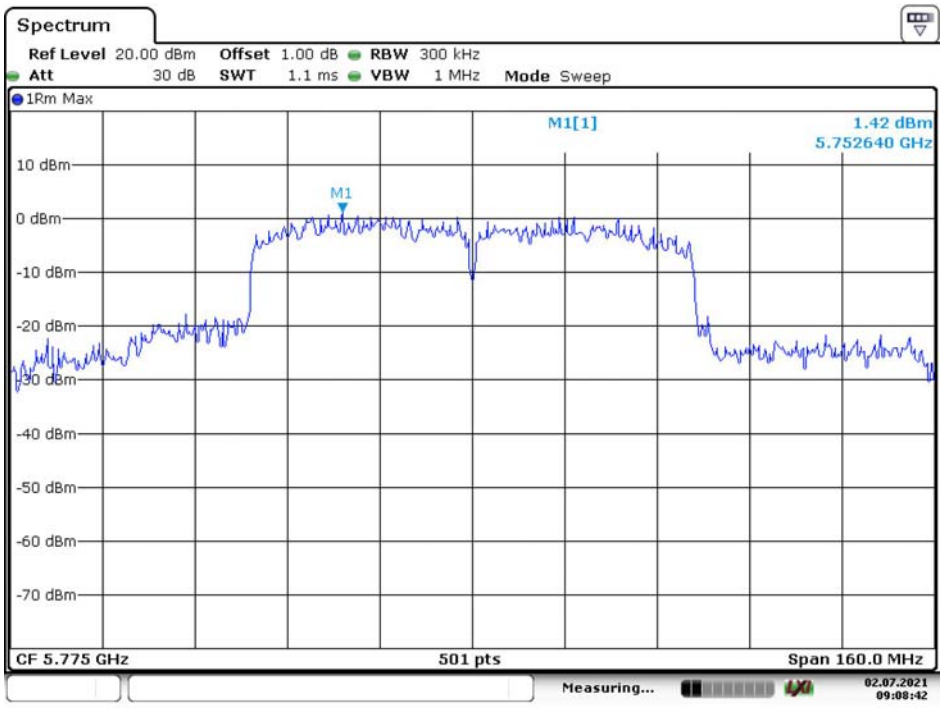
802.11n ht40 High Channel



Date: 2.JUL.2021 09:10:50

802.11ac vht80 Middle Channel



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