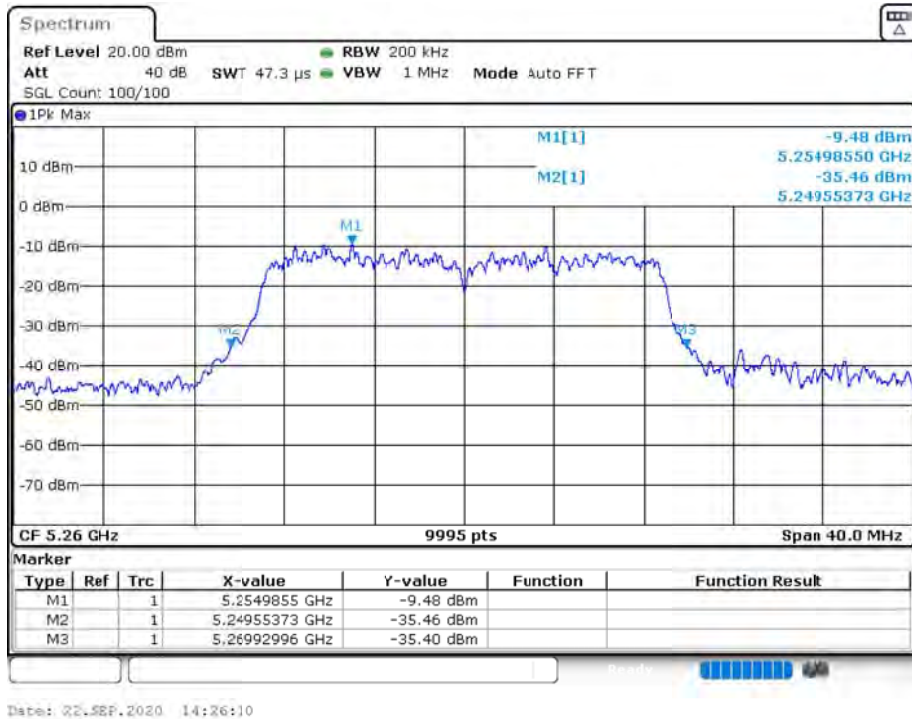
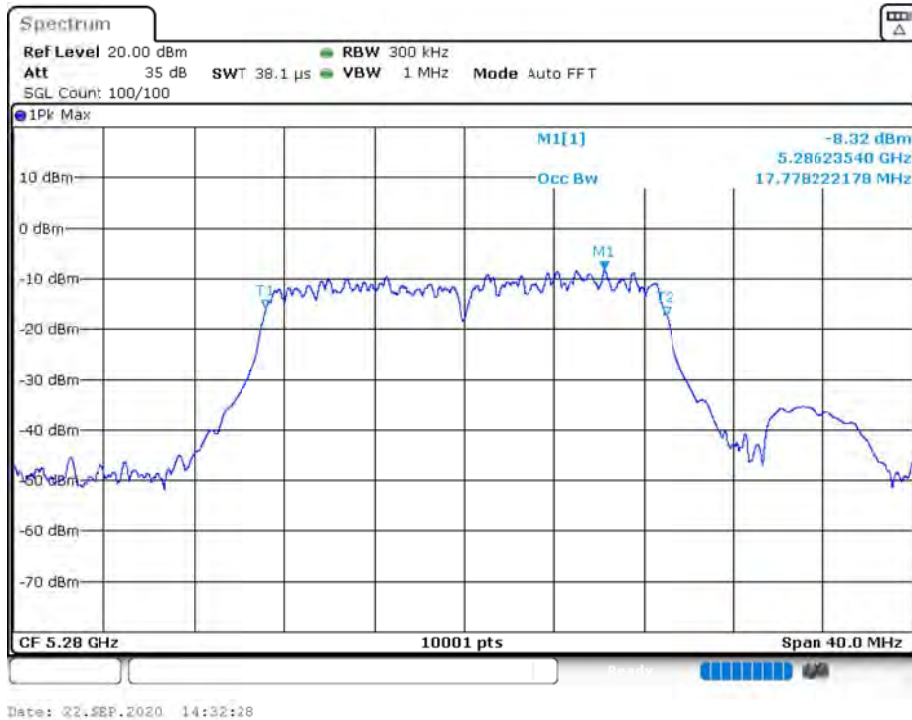


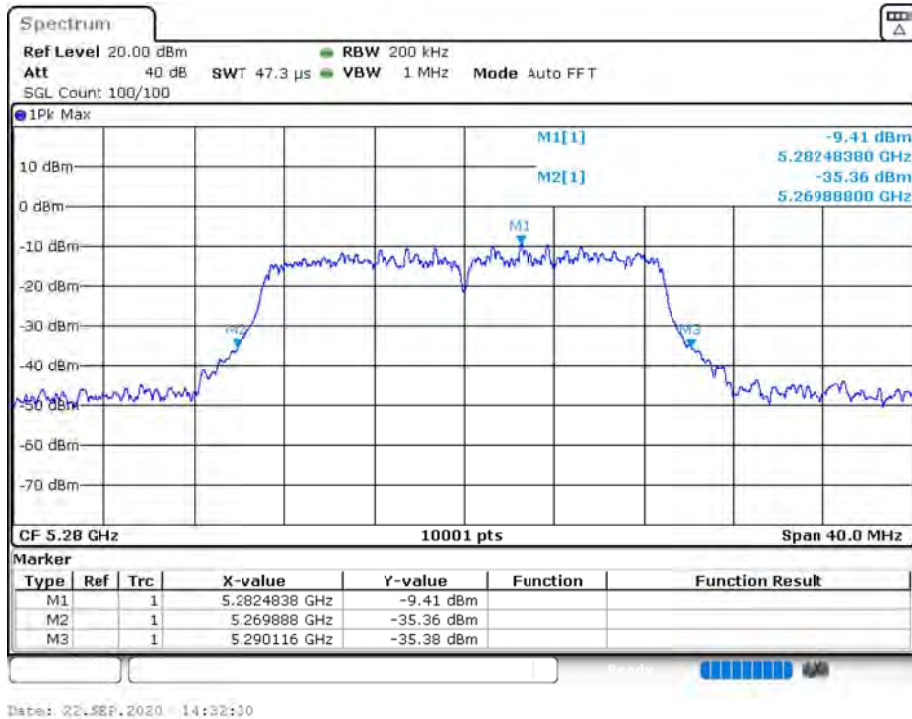
-26 dB BW NVNT 802.11ac20 5260MHz Ant1



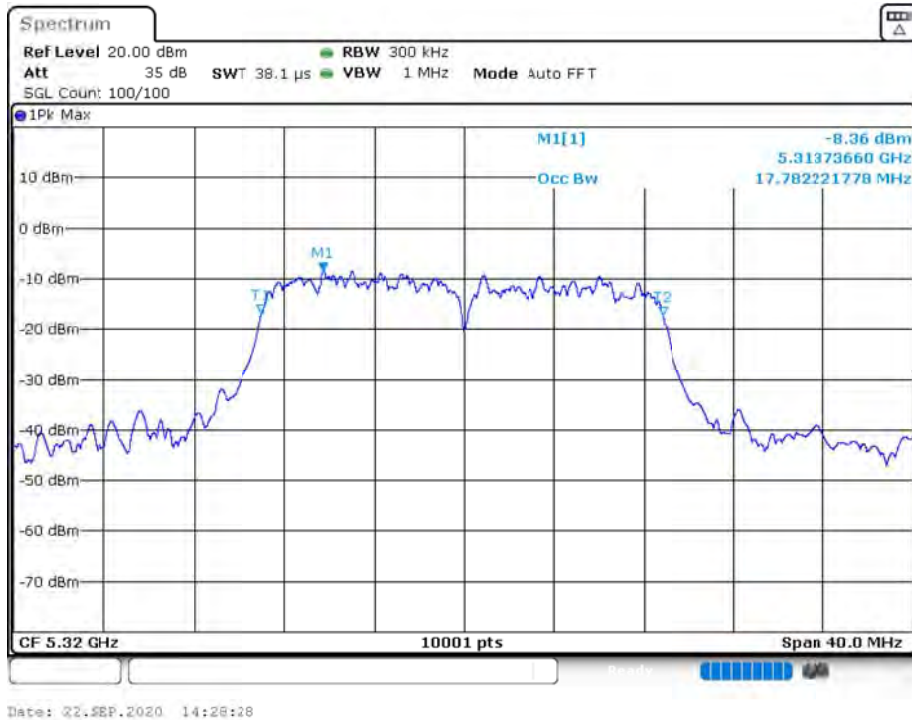
OBW NVNT 802.11ac20 5280MHz Ant1



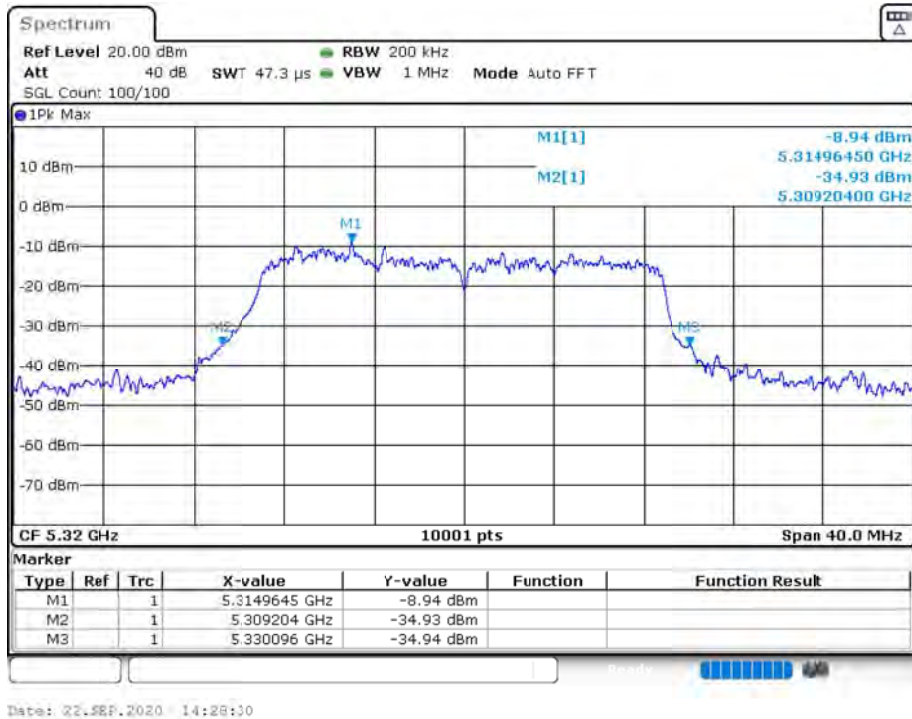
-26 dB BW NVNT 802.11ac20 5280MHz Ant1



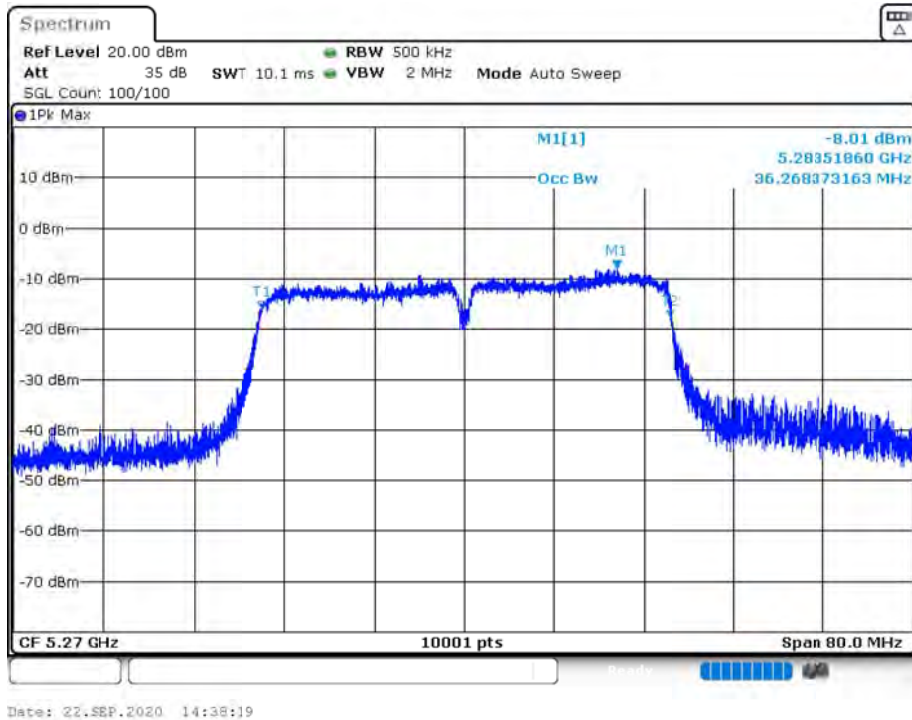
OBW NVNT 802.11ac20 5320MHz Ant1



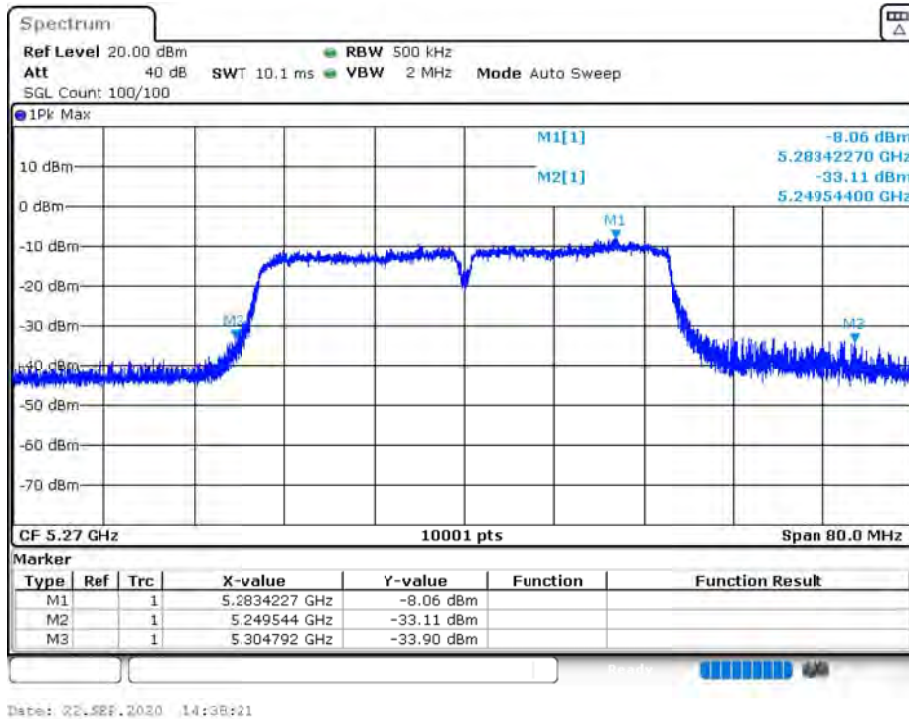
-26 dB BW NVNT 802.11ac20 5320MHz Ant1



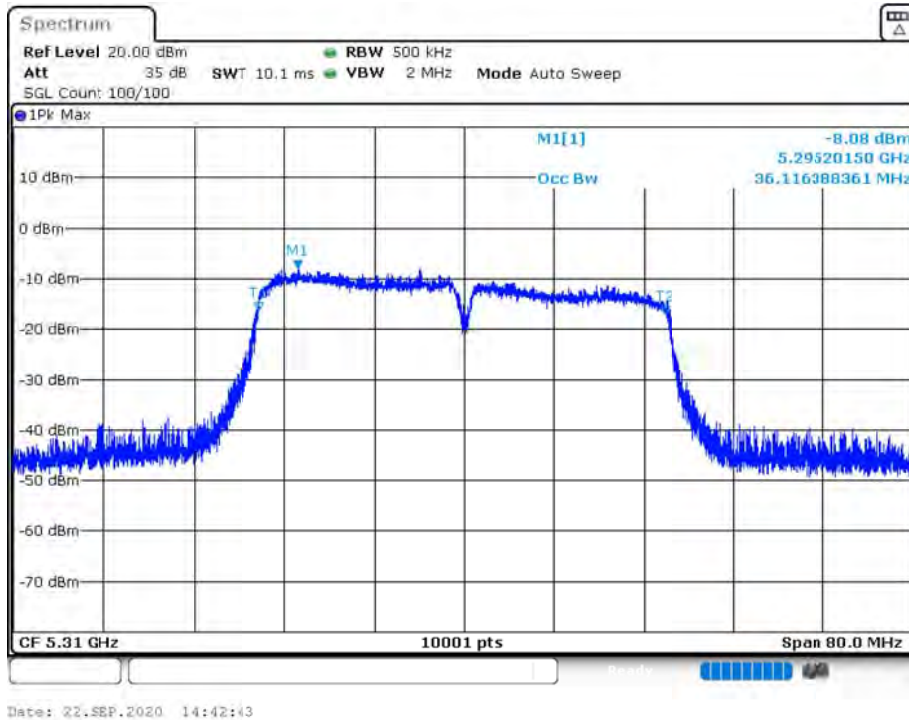
OBW NVNT 802.11ac40 5270MHz Ant1



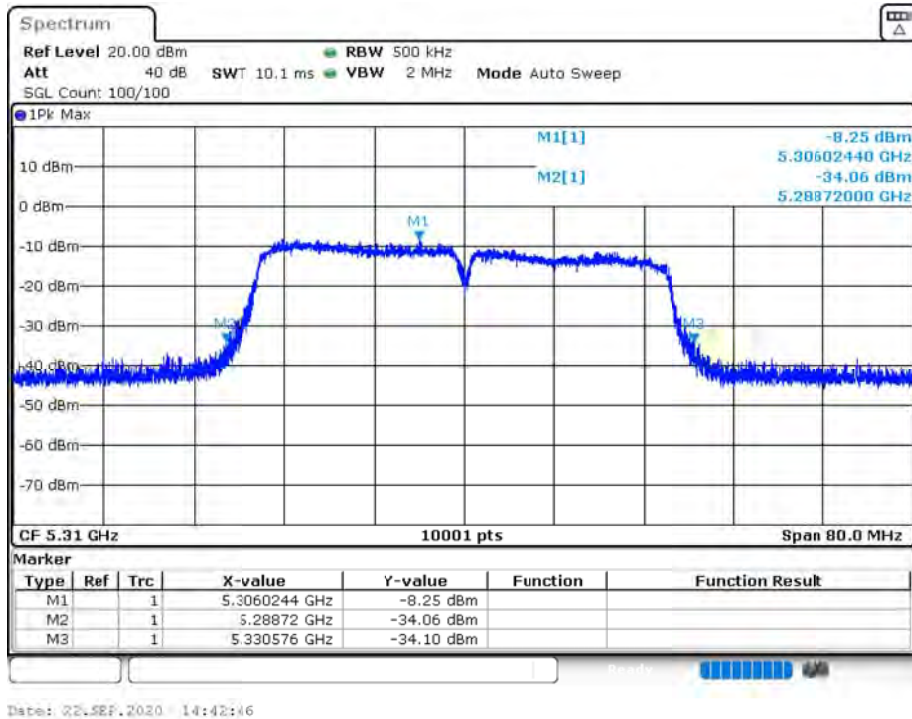
-26 dB BW NVNT 802.11ac40 5270MHz Ant1



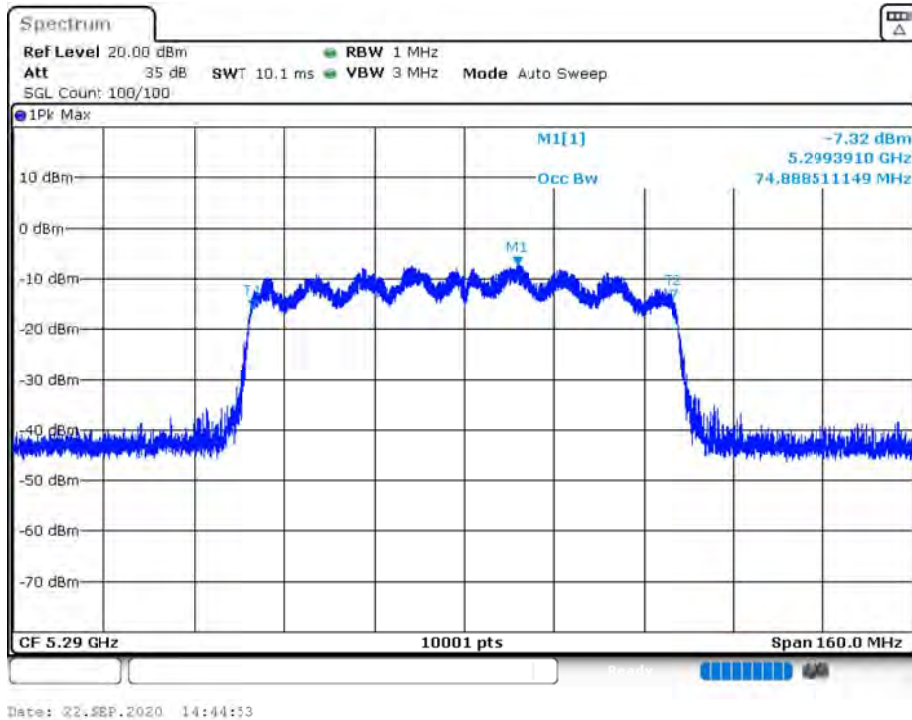
OBW NVNT 802.11ac40 5310MHz Ant1



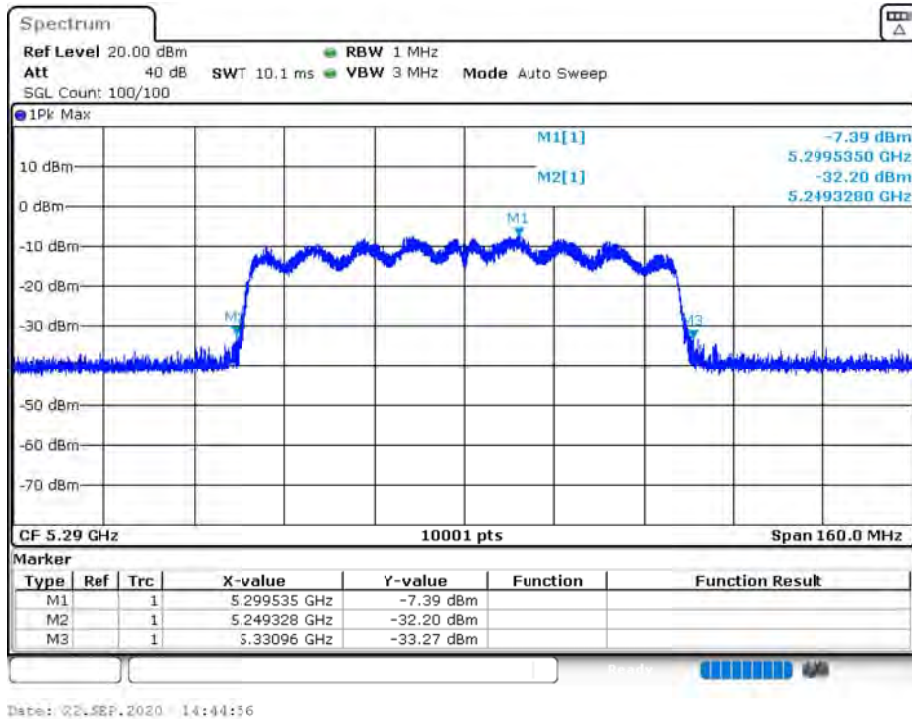
-26 dB BW NVNT 802.11ac40 5310MHz Ant1



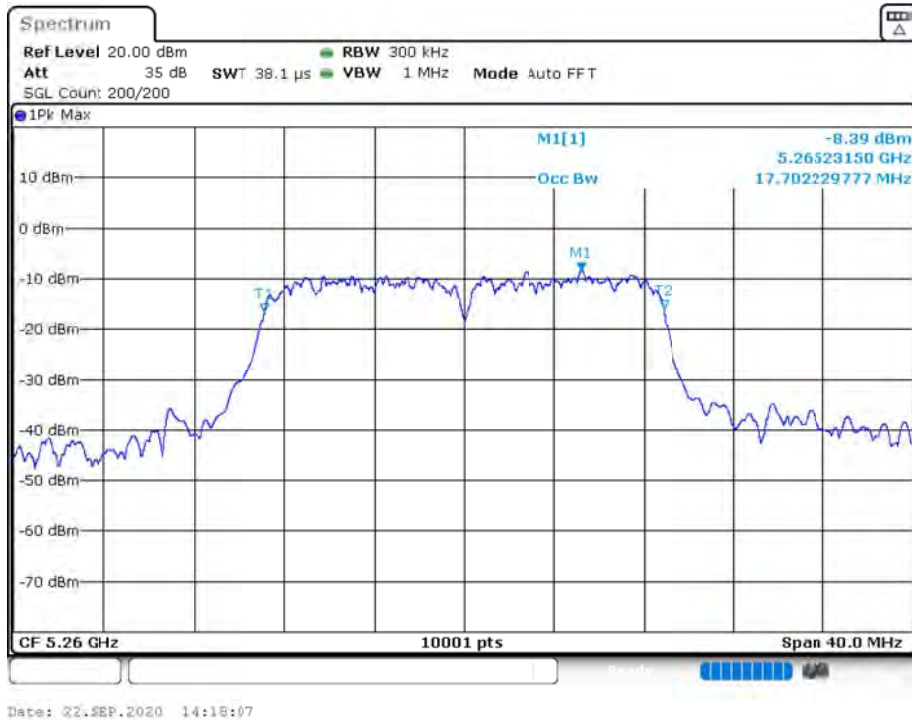
OBW NVNT 802.11ac80 5290MHz Ant1



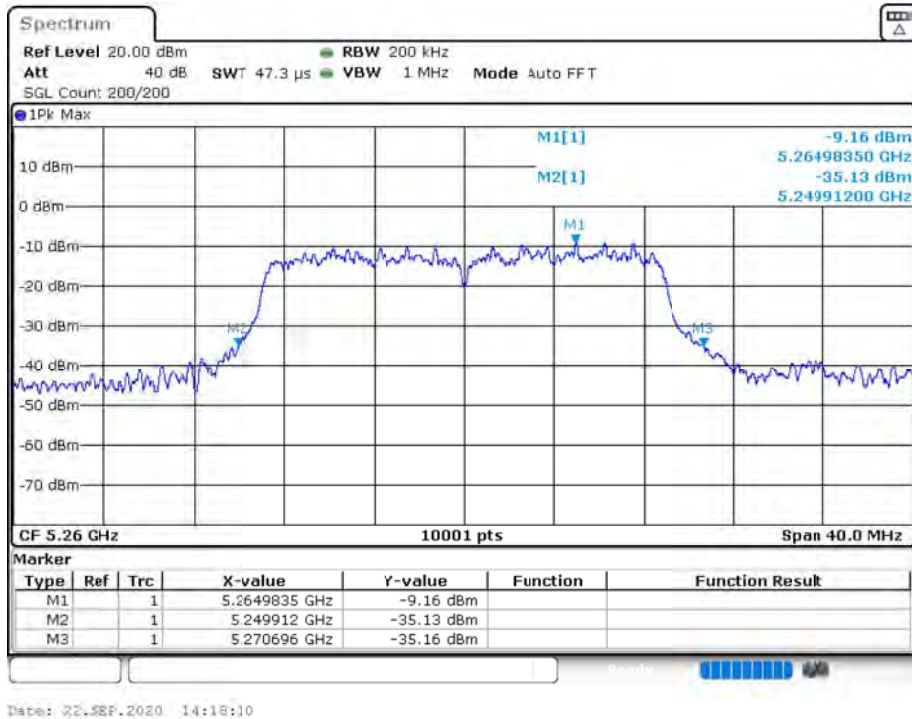
-26 dB BW NVNT 802.11ac80 5290MHz Ant1



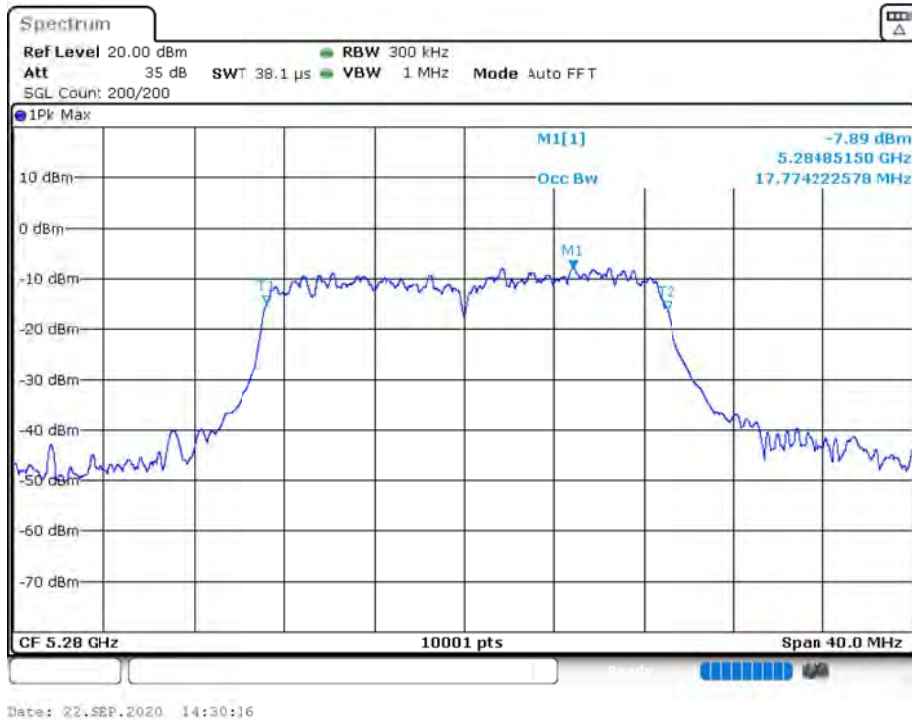
OBW NVNT 802.11n(HT20) 5260MHz Ant1



-26 dB BW NVNT 802.11n(HT20) 5260MHz Ant1



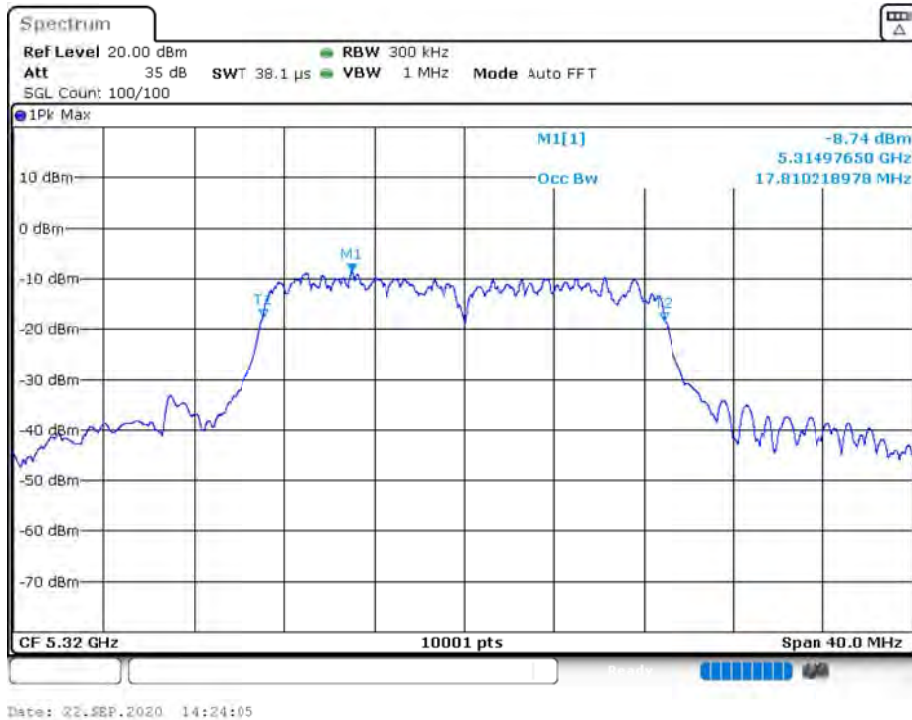
OBW NVNT 802.11n(HT20) 5280MHz Ant1



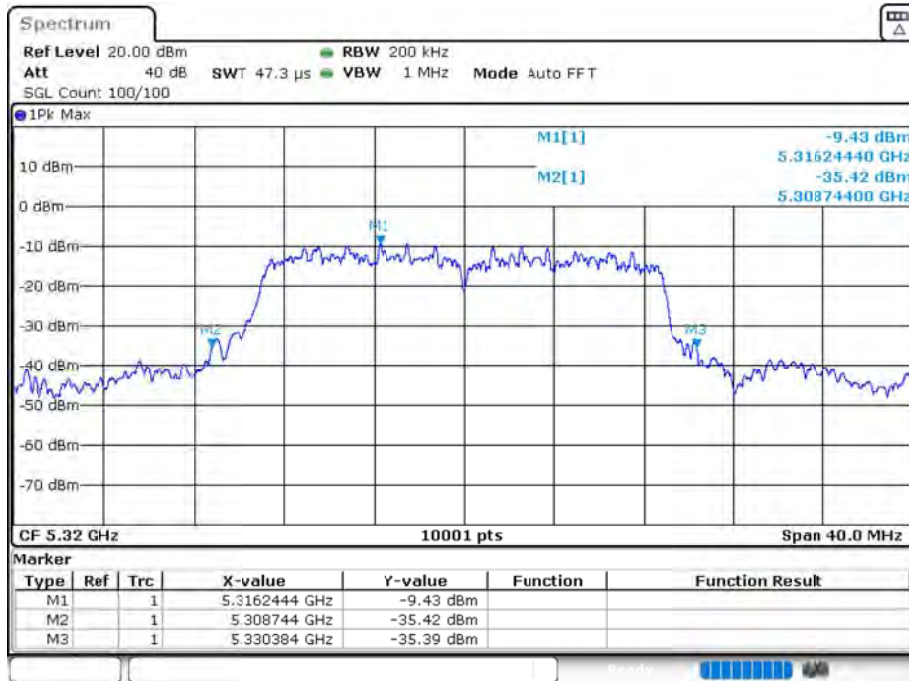
-26 dB BW NVNT 802.11n(HT20) 5280MHz Ant1



OBW NVNT 802.11n(HT20) 5320MHz Ant1

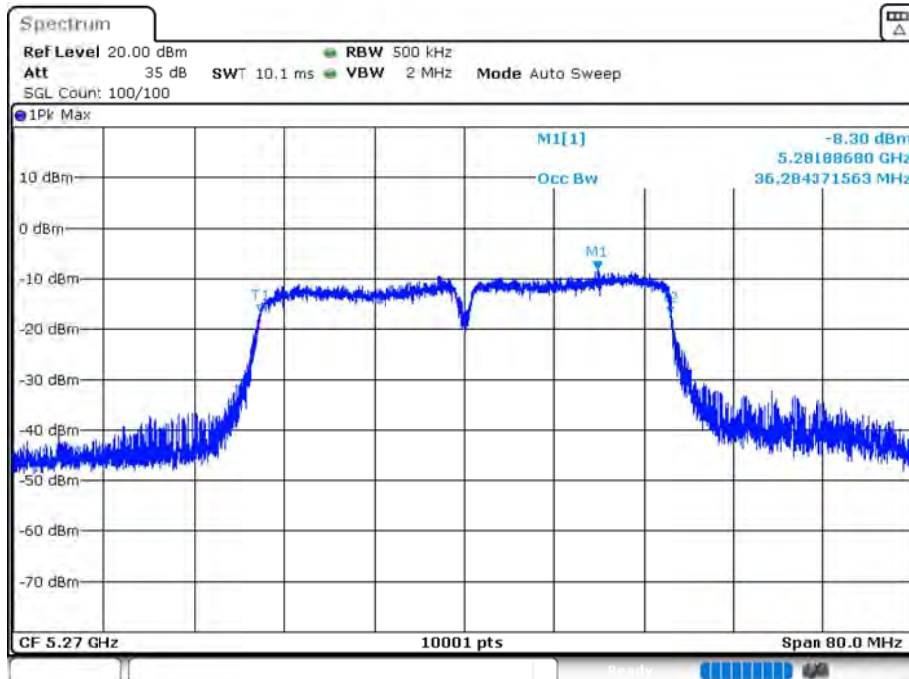


-26 dB BW NVNT 802.11n(HT20) 5320MHz Ant1



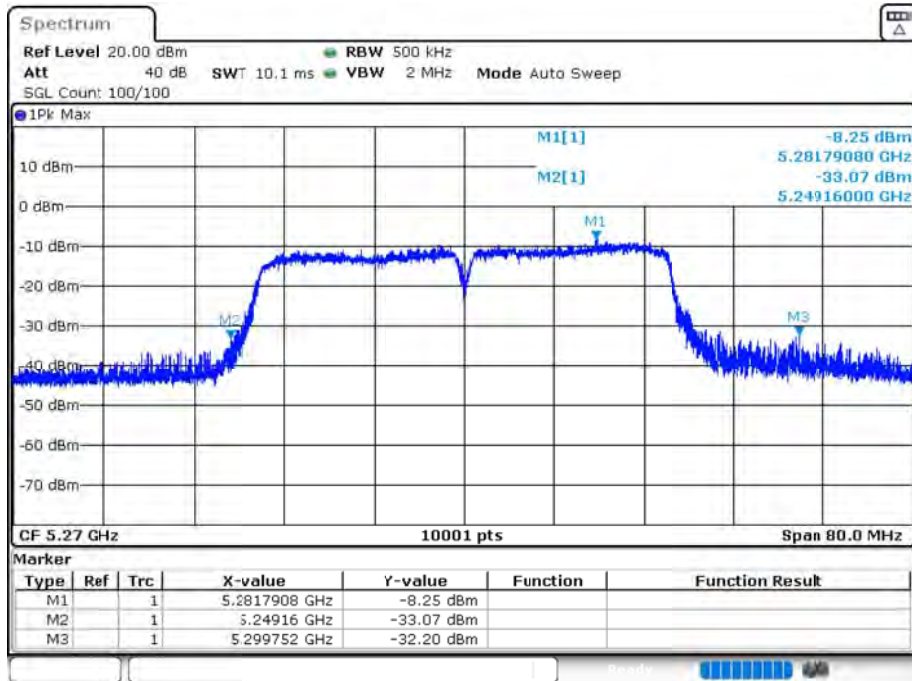
Date: 22.SEP.2020 14:24:07

OBW NVNT 802.11n(HT40) 5270MHz Ant1



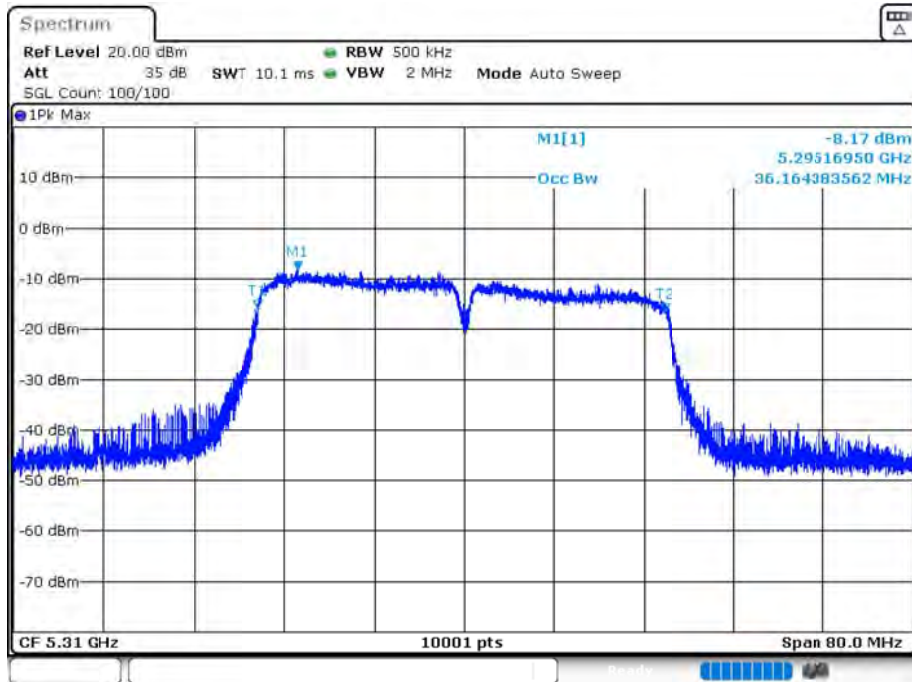
Date: 22.SEP.2020 14:33:45

-26 dB BW NVNT 802.11n(HT40) 5270MHz Ant1



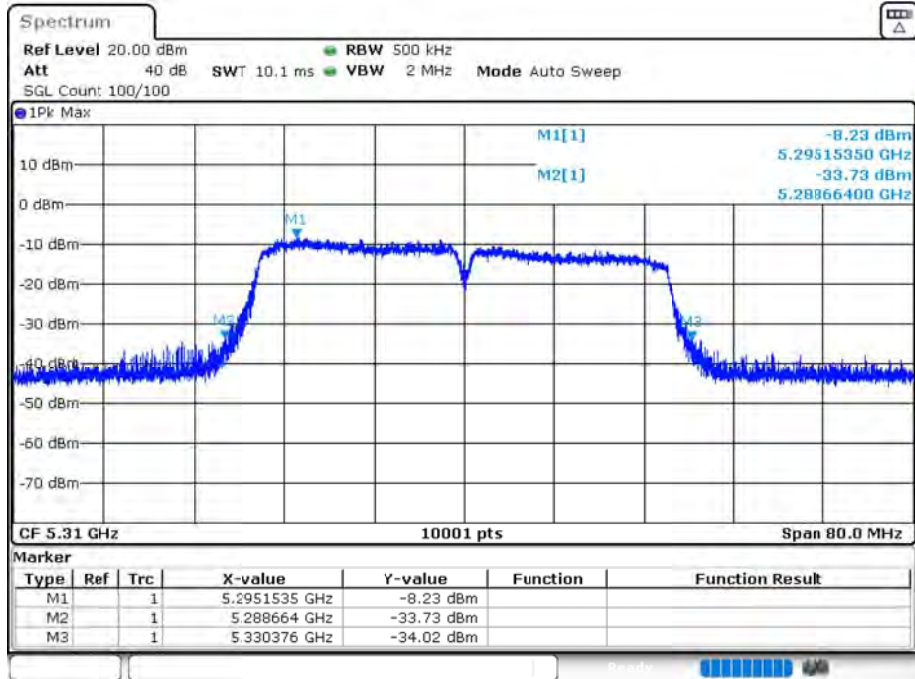
Date: 22.SEP.2020 14:33:48

OBW NVNT 802.11n(HT40) 5310MHz Ant1



Date: 22.SEP.2020 14:35:36

-26 dB BW NVNT 802.11n(HT40) 5310MHz Ant1

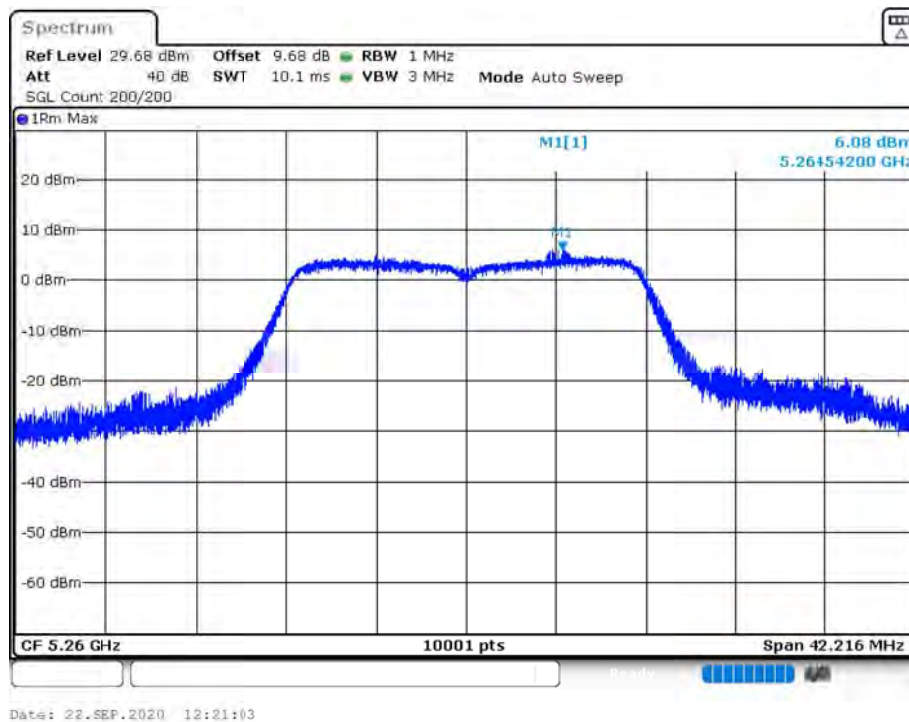


Date: 22.SEP.2020 14:35:38

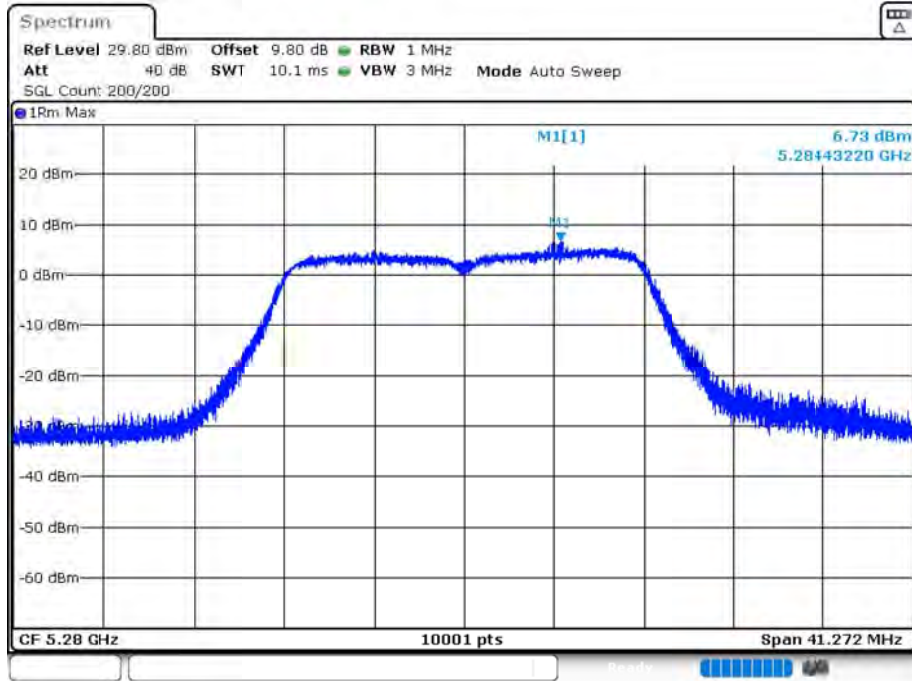
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	6.076	11	Pass
NVNT	802.11a	5280	Ant 1	6.73	11	Pass
NVNT	802.11a	5320	Ant 1	5.662	11	Pass
NVNT	802.11ac20	5260	Ant 1	4.848	11	Pass
NVNT	802.11ac20	5280	Ant 1	5.324	11	Pass
NVNT	802.11ac20	5320	Ant 1	4.976	11	Pass
NVNT	802.11ac40	5270	Ant 1	3.644	11	Pass
NVNT	802.11ac40	5310	Ant 1	2.544	11	Pass
NVNT	802.11ac80	5290	Ant 1	0.395	11	Pass
NVNT	802.11n(HT20)	5260	Ant 1	4.943	11	Pass
NVNT	802.11n(HT20)	5280	Ant 1	5.79	11	Pass
NVNT	802.11n(HT20)	5320	Ant 1	5.438	11	Pass
NVNT	802.11n(HT40)	5270	Ant 1	2.877	11	Pass
NVNT	802.11n(HT40)	5310	Ant 1	2.564	11	Pass

PSD NVNT 802.11a 5260MHz Ant1

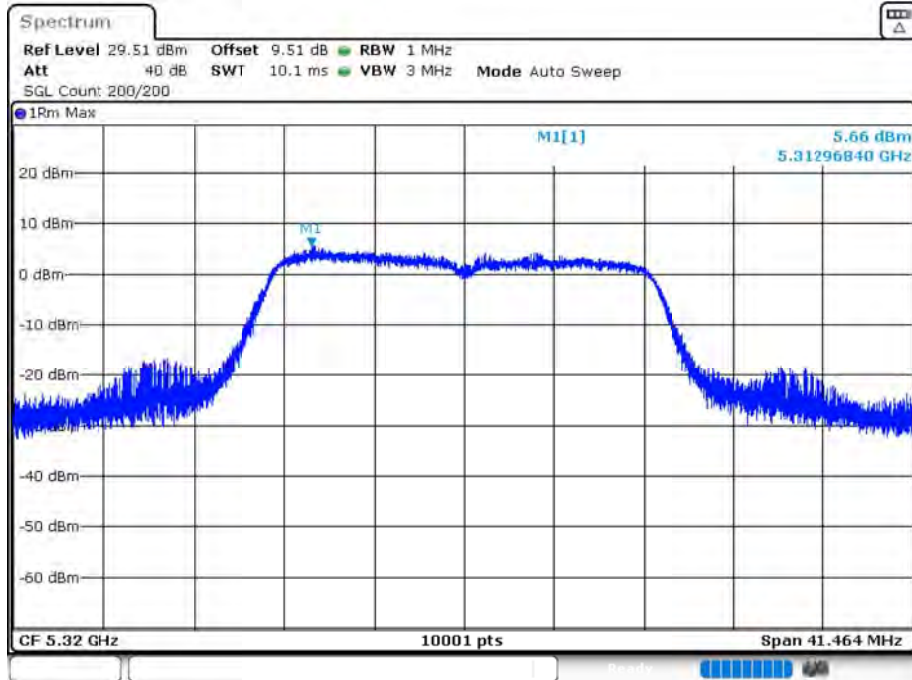


PSD NVNT 802.11a 5280MHz Ant1



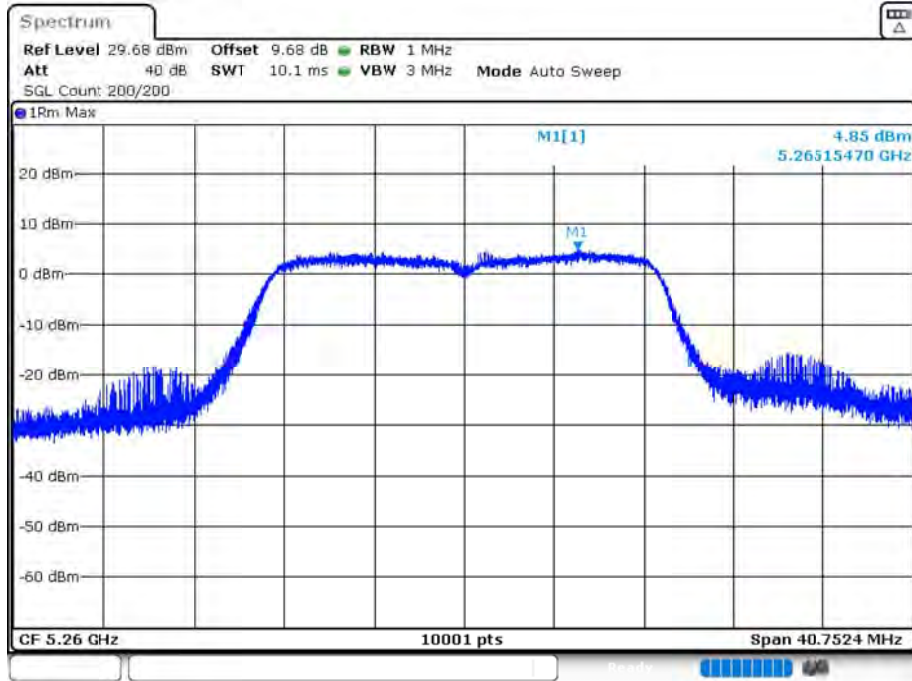
Date: 22.SEP.2020 14:31:40

PSD NVNT 802.11a 5320MHz Ant1



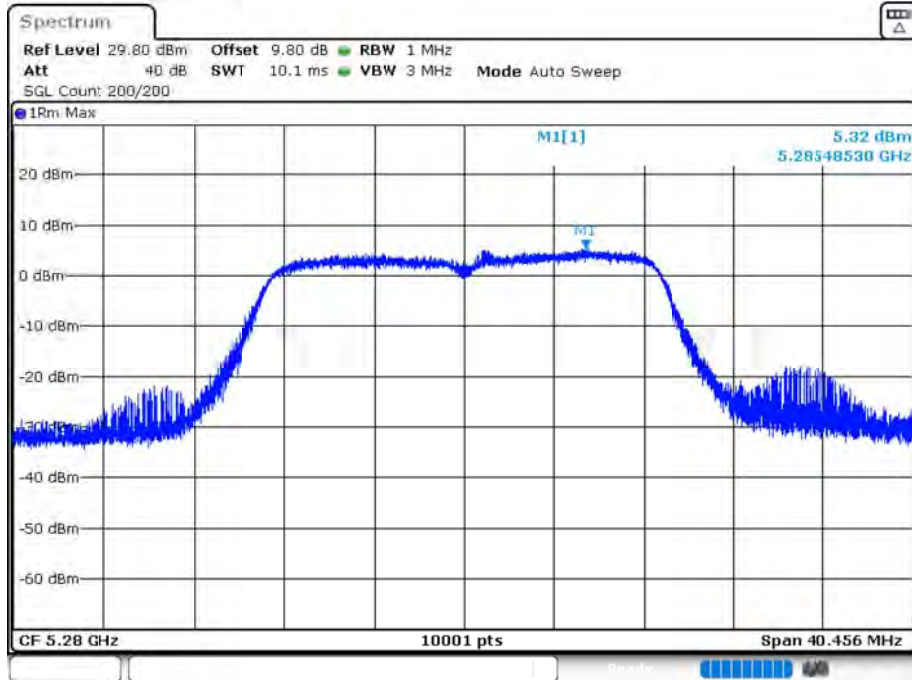
Date: 22.SEP.2020 14:16:28

PSD NVNT 802.11ac20 5260MHz Ant1



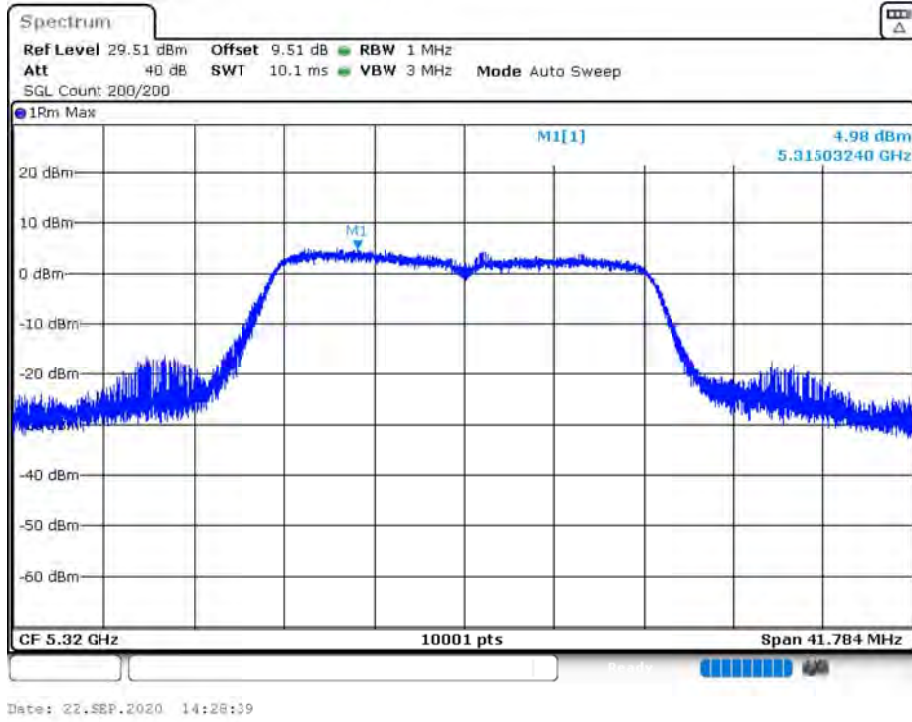
Date: 22.SEP.2020 14:26:19

PSD NVNT 802.11ac20 5280MHz Ant1

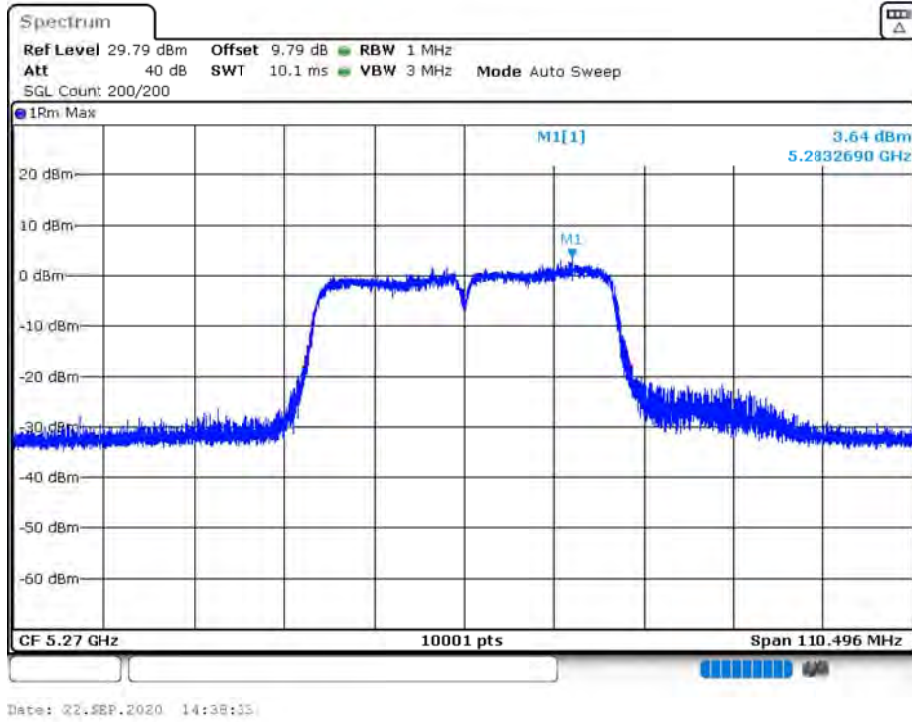


Date: 22.SEP.2020 14:32:39

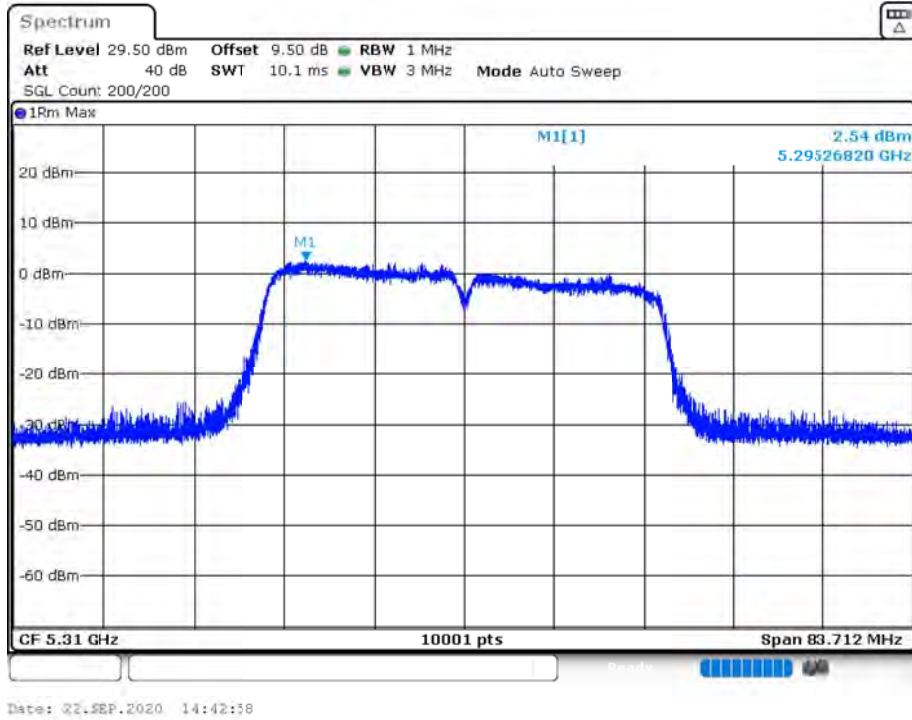
PSD NVNT 802.11ac20 5320MHz Ant1



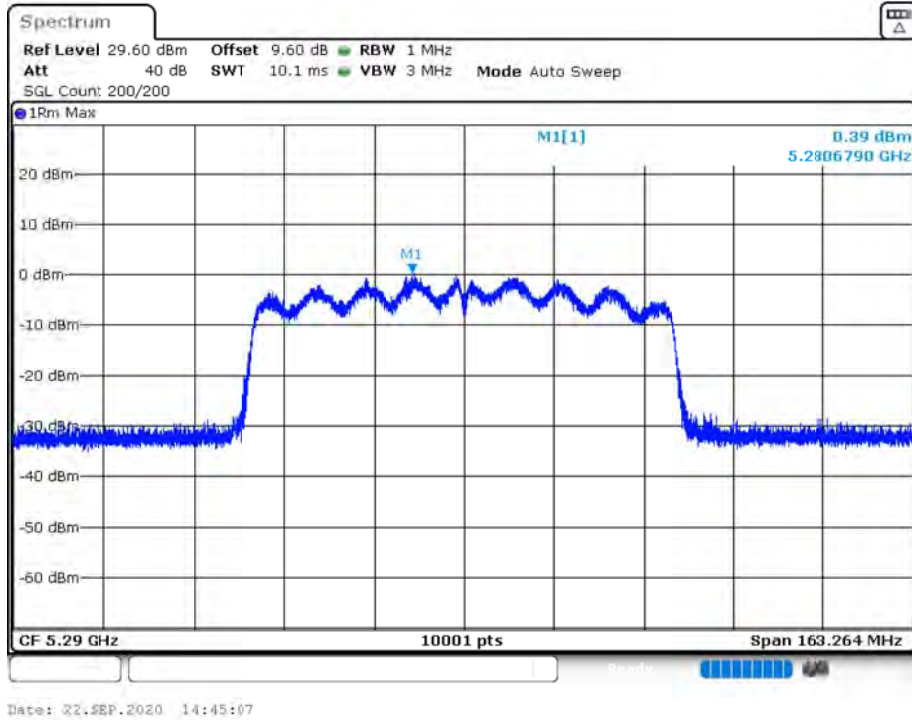
PSD NVNT 802.11ac40 5270MHz Ant1



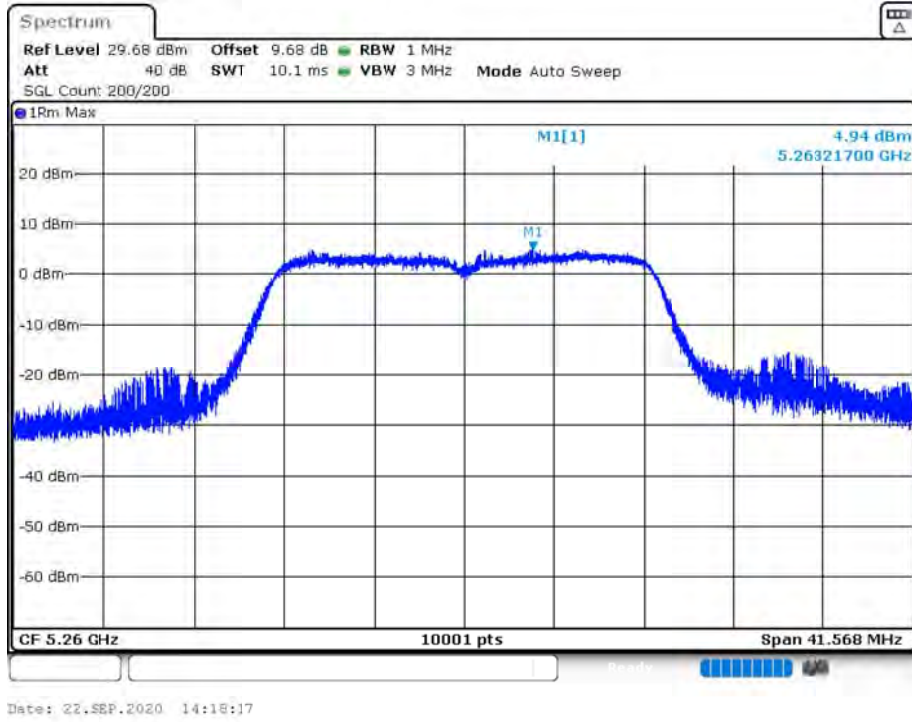
PSD NVNT 802.11ac40 5310MHz Ant1



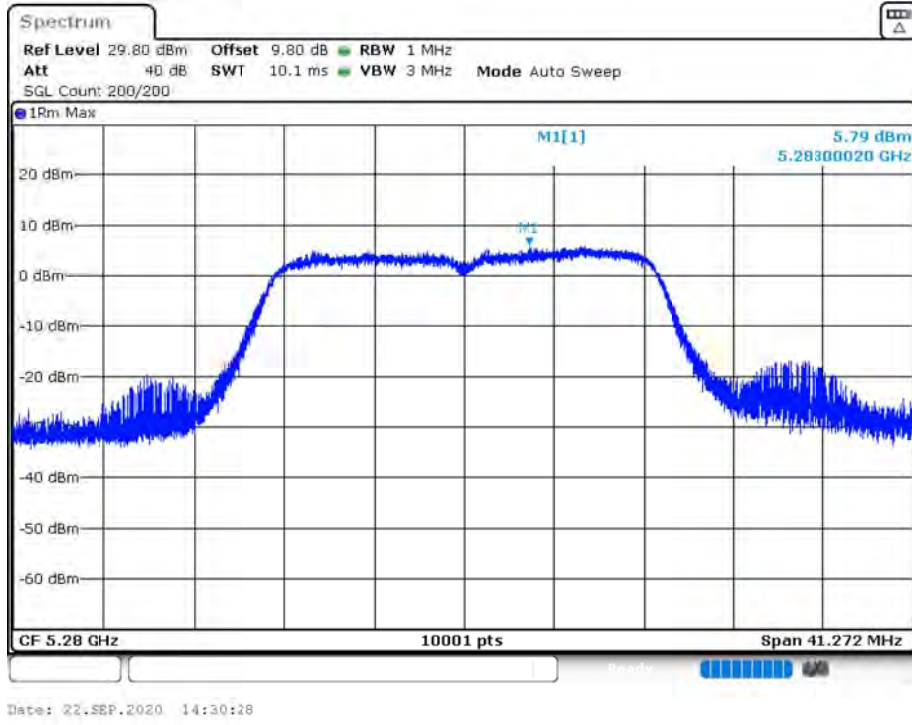
PSD NVNT 802.11ac80 5290MHz Ant1



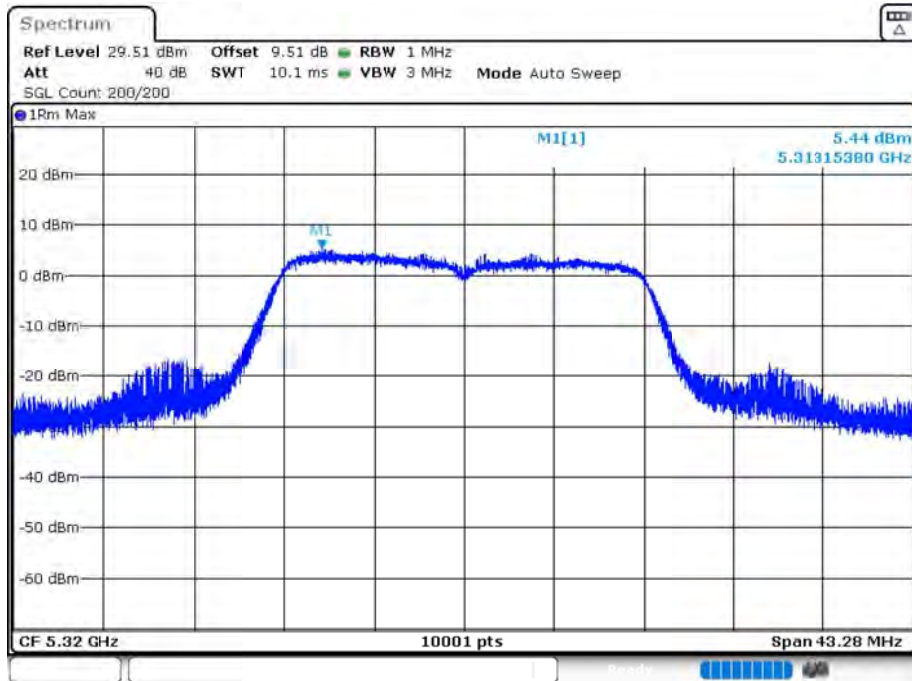
PSD NVNT 802.11n(HT20) 5260MHz Ant1



PSD NVNT 802.11n(HT20) 5280MHz Ant1

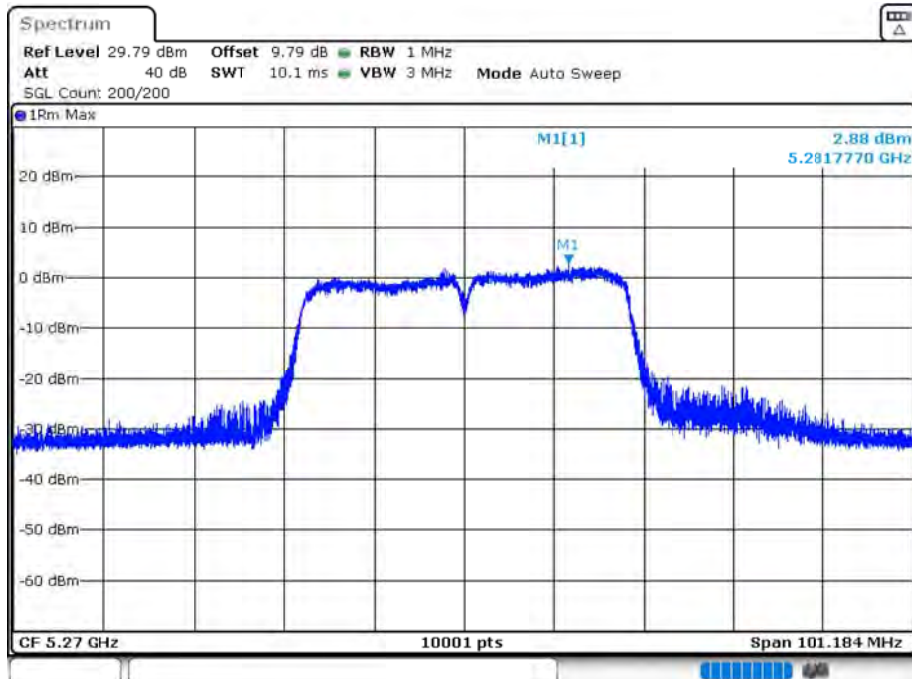


PSD NVNT 802.11n(HT20) 5320MHz Ant1



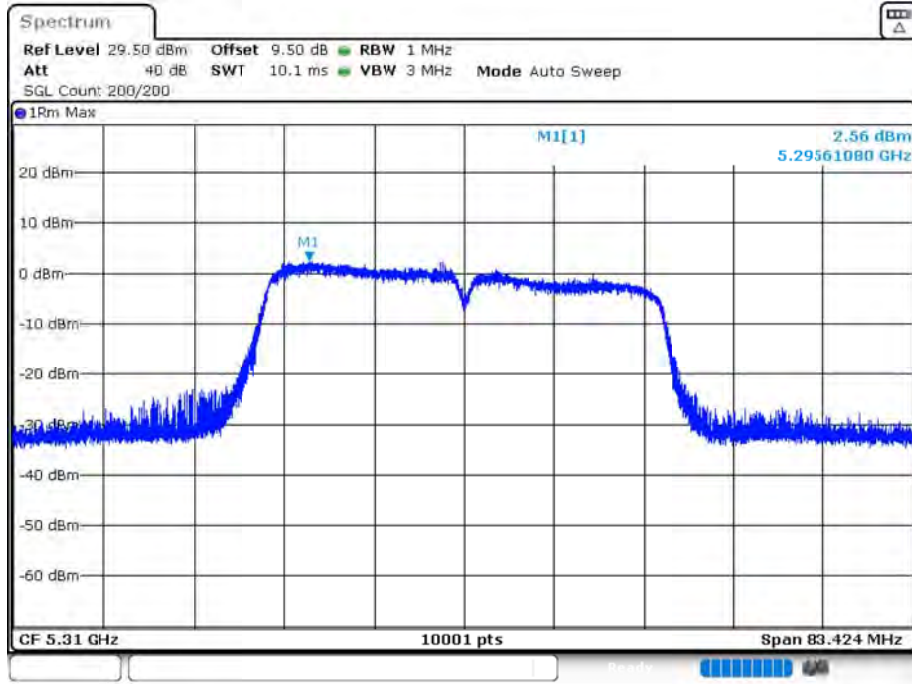
Date: 22.SEP.2020 14:24:15

PSD NVNT 802.11n(HT40) 5270MHz Ant1



Date: 22.SEP.2020 14:33:58

PSD NVNT 802.11n(HT40) 5310MHz Ant1

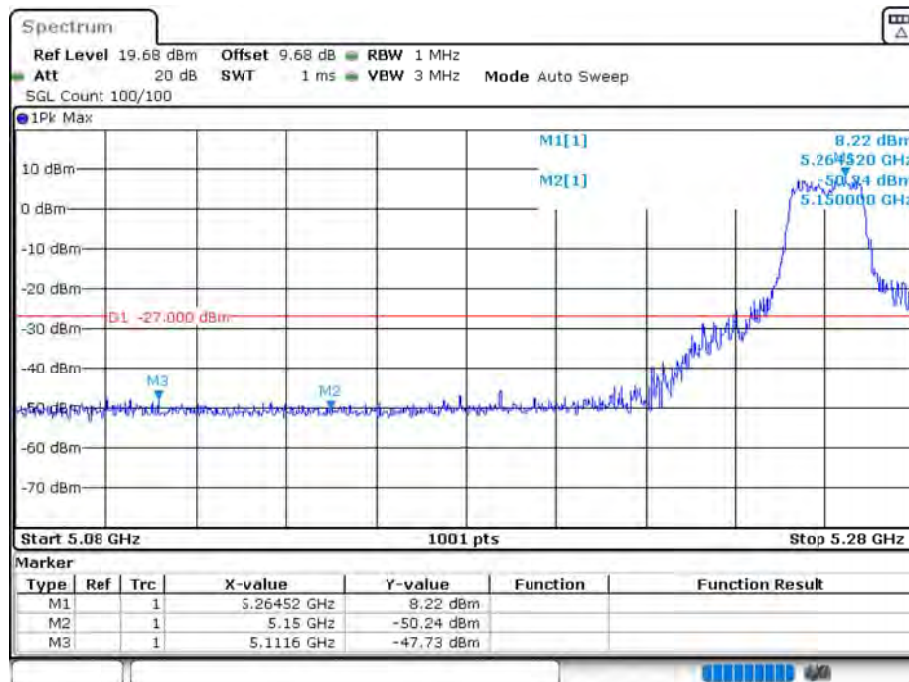


Date: 22.SEP.2020 14:36:09

Band Edge

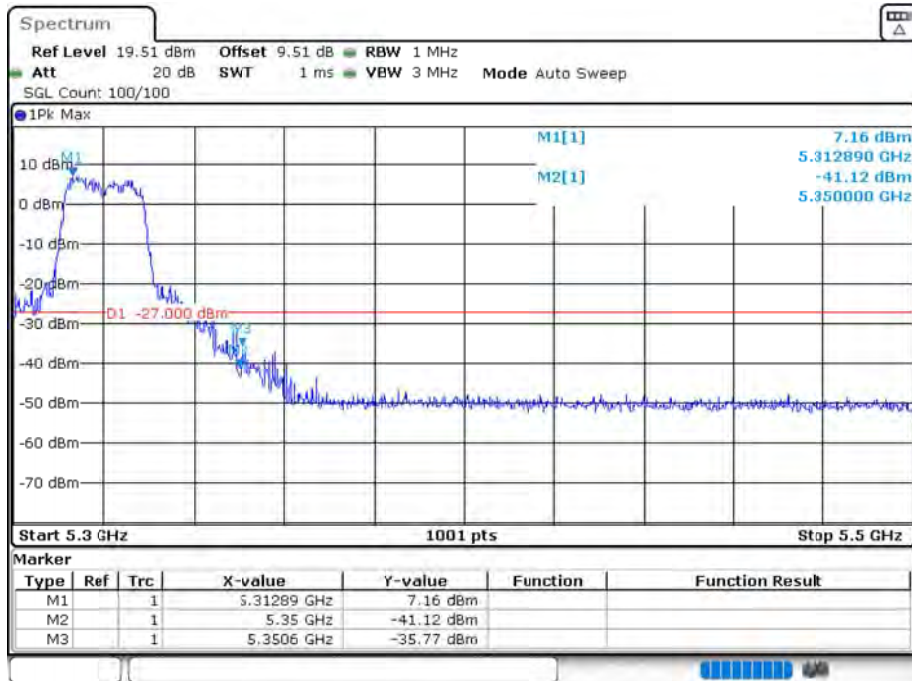
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	-47.73	-27	Pass
NVNT	802.11a	5320	Ant 1	-35.77	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-48.07	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-35.59	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-48.17	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-33.1	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-30.73	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-47.2	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-34.07	-27	Pass
NVNT	802.11n(HT40)	5270	Ant 1	-47.64	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-34.63	-27	Pass

Band Edge NVNT 802.11a 5260MHz Low Ant1



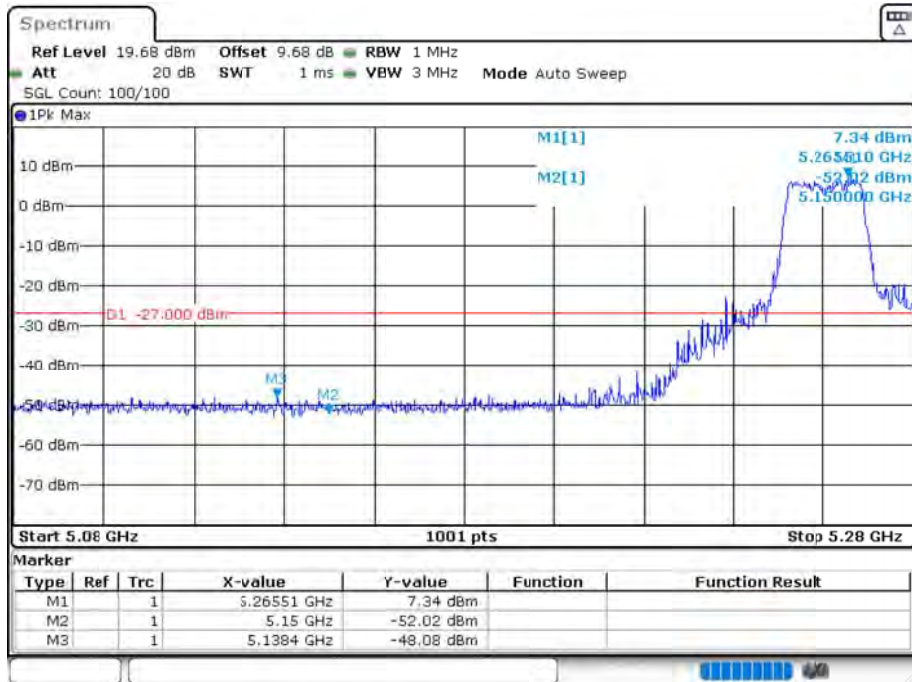
Date: 22.SEP.2020 12:21:06

Band Edge NVNT 802.11a 5320MHz High Ant1



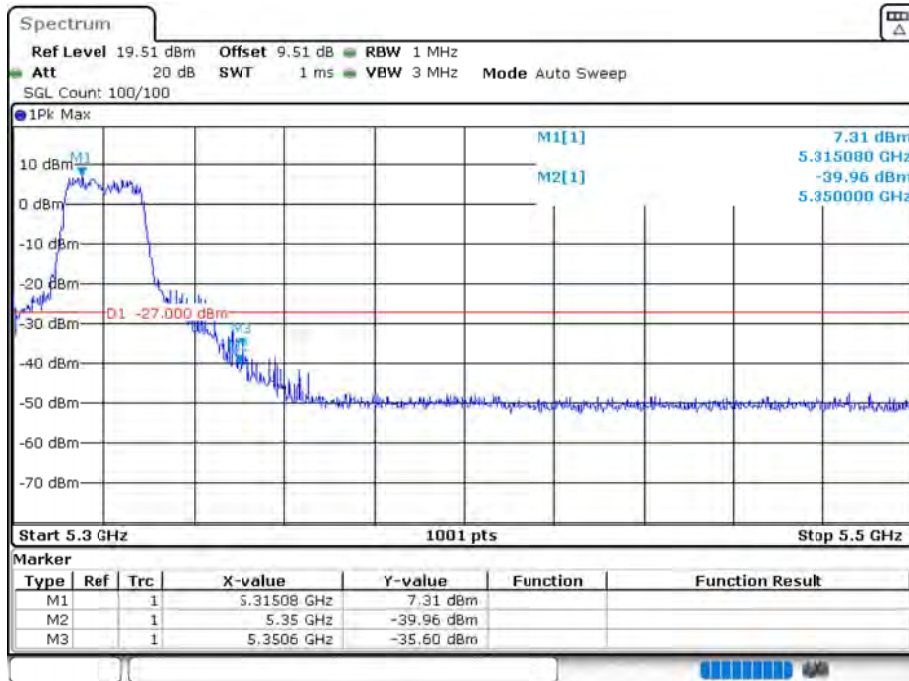
Date: 22.SEP.2020 14:16:37

Band Edge NVNT 802.11ac20 5260MHz Low Ant1



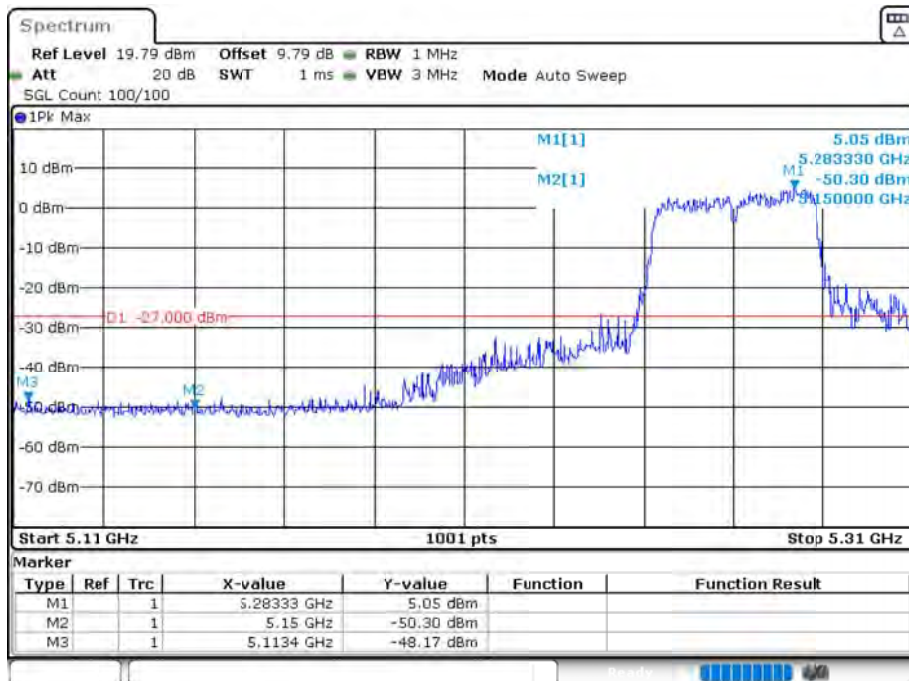
Date: 22.SEP.2020 14:26:25

Band Edge NVNT 802.11ac20 5320MHz High Ant1



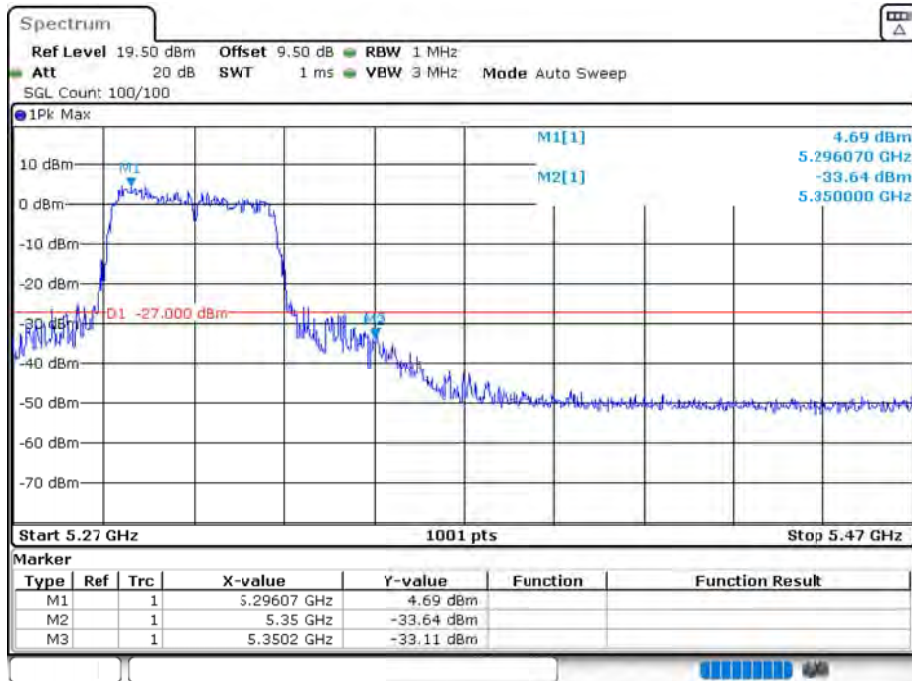
Date: 22.SEP.2020 14:28:45

Band Edge NVNT 802.11ac40 5270MHz Low Ant1



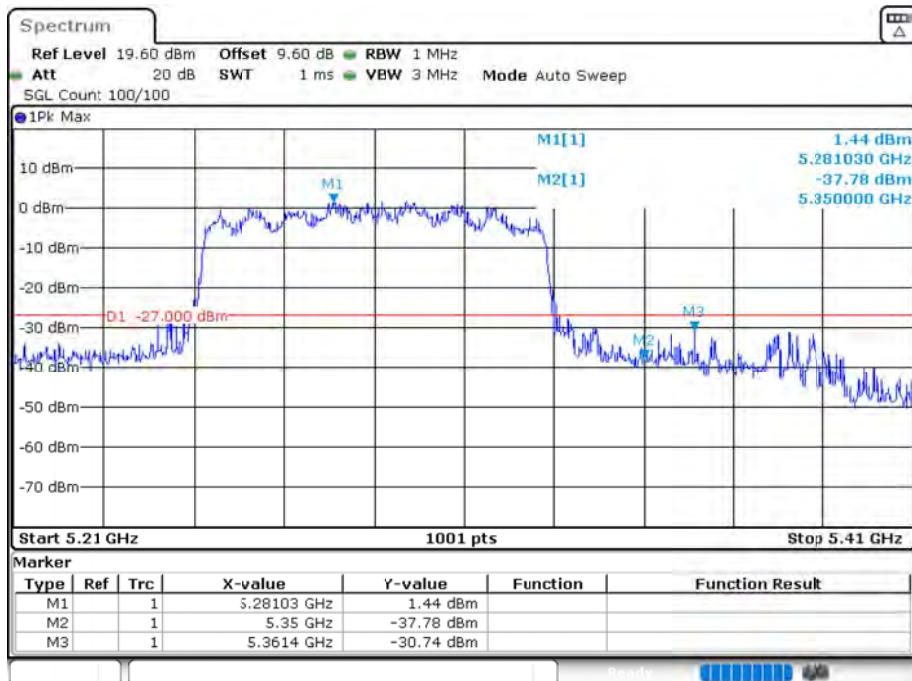
Date: 22.SEP.2020 14:38:44

Band Edge NVNT 802.11ac40 5310MHz High Ant1



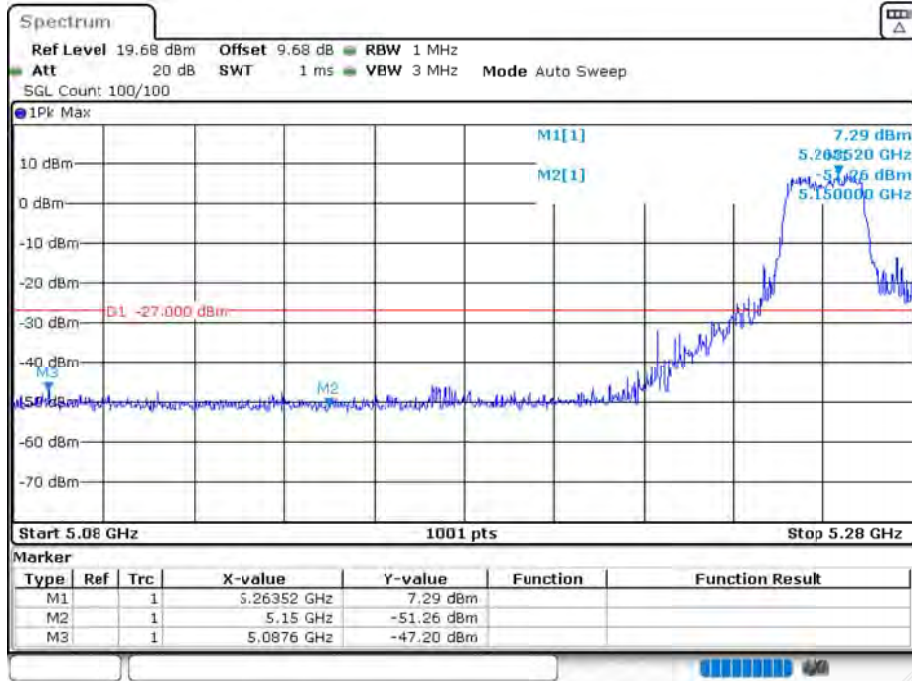
Date: 22.SEP.2020 14:43:07

Band Edge NVNT 802.11ac80 5290MHz High Ant1



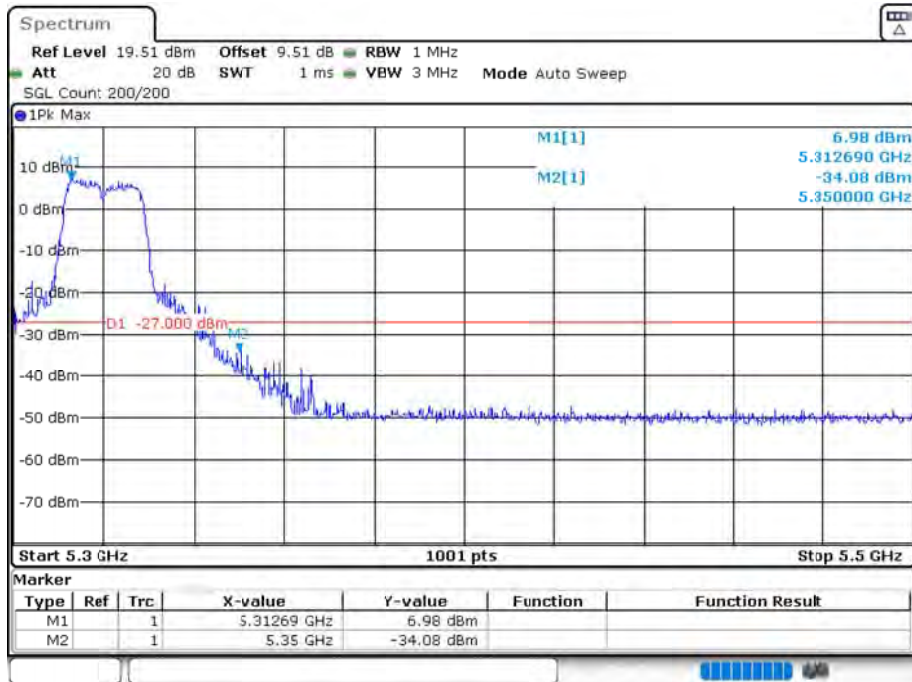
Date: 22.SEP.2020 14:45:15

Band Edge NVNT 802.11n(HT20) 5260MHz Low Ant1



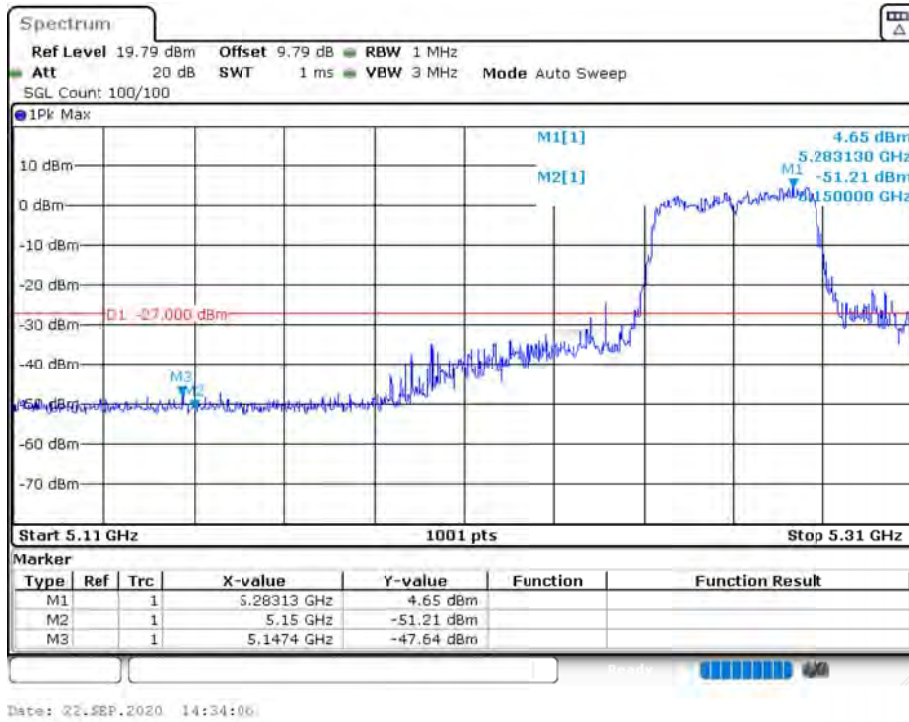
Date: 22.SEP.2020 14:18:22

Band Edge NVNT 802.11n(HT20) 5320MHz High Ant1

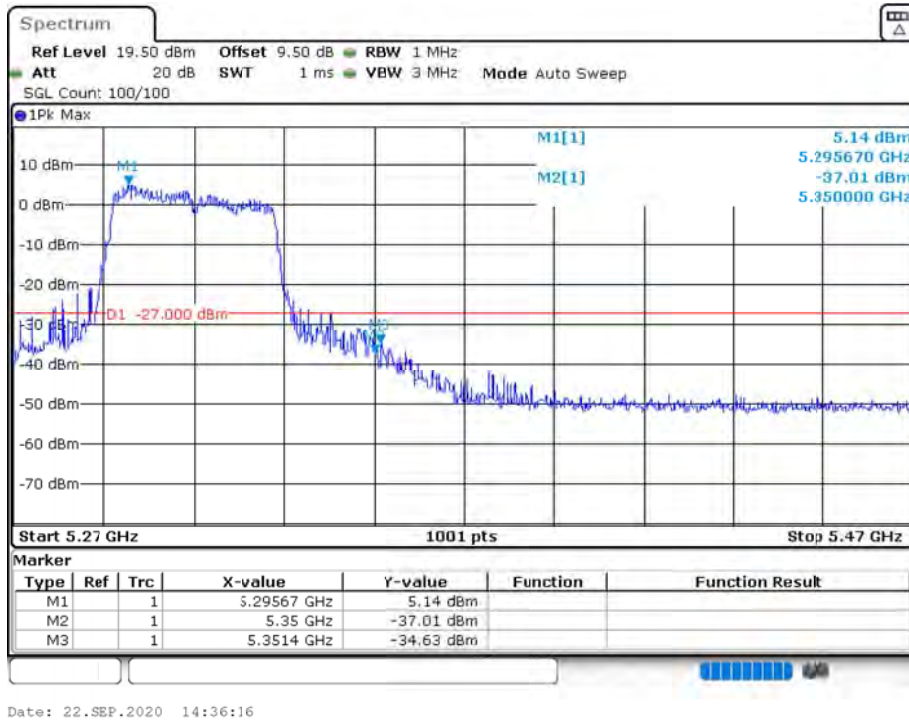


Date: 22.SEP.2020 14:24:27

Band Edge NVNT 802.11n(HT40) 5270MHz Low Ant1



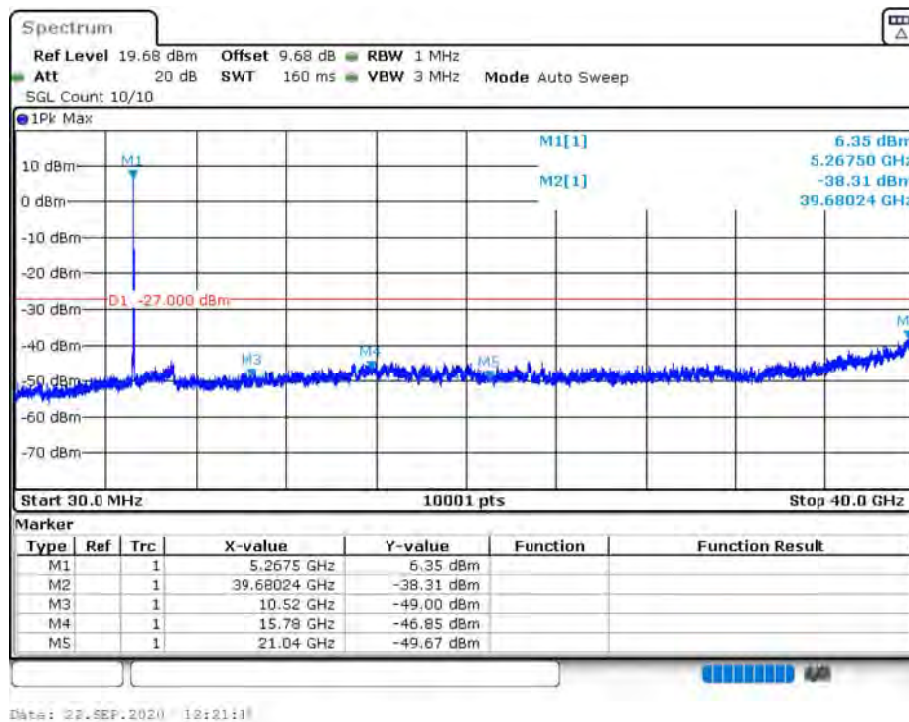
Band Edge NVNT 802.11n(HT40) 5310MHz High Ant1



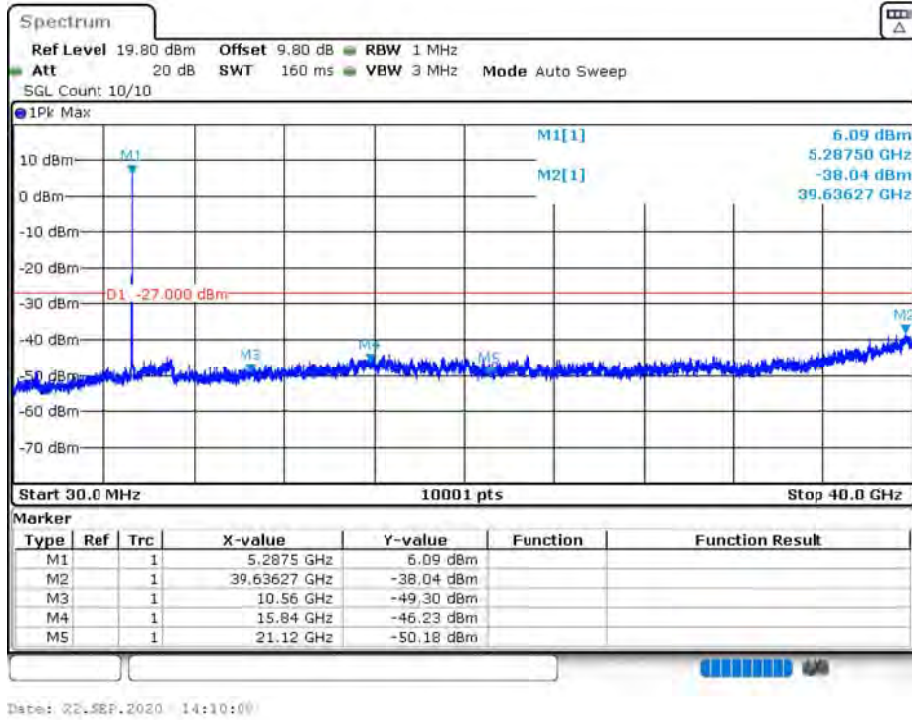
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5260	Ant 1	-38.3	-27	Pass
NVNT	802.11a	5280	Ant 1	-38.04	-27	Pass
NVNT	802.11a	5320	Ant 1	-36.22	-27	Pass
NVNT	802.11ac20	5260	Ant 1	-37.25	-27	Pass
NVNT	802.11ac20	5280	Ant 1	-38.34	-27	Pass
NVNT	802.11ac20	5320	Ant 1	-37.75	-27	Pass
NVNT	802.11ac40	5270	Ant 1	-36.83	-27	Pass
NVNT	802.11ac40	5310	Ant 1	-37.24	-27	Pass
NVNT	802.11ac80	5290	Ant 1	-37.76	-27	Pass
NVNT	802.11n(HT20)	5260	Ant 1	-38.3	-27	Pass
NVNT	802.11n(HT20)	5280	Ant 1	-37.5	-27	Pass
NVNT	802.11n(HT20)	5320	Ant 1	-37.66	-27	Pass
NVNT	802.11n(HT40)	5270	Ant 1	-38.07	-27	Pass
NVNT	802.11n(HT40)	5310	Ant 1	-38.07	-27	Pass

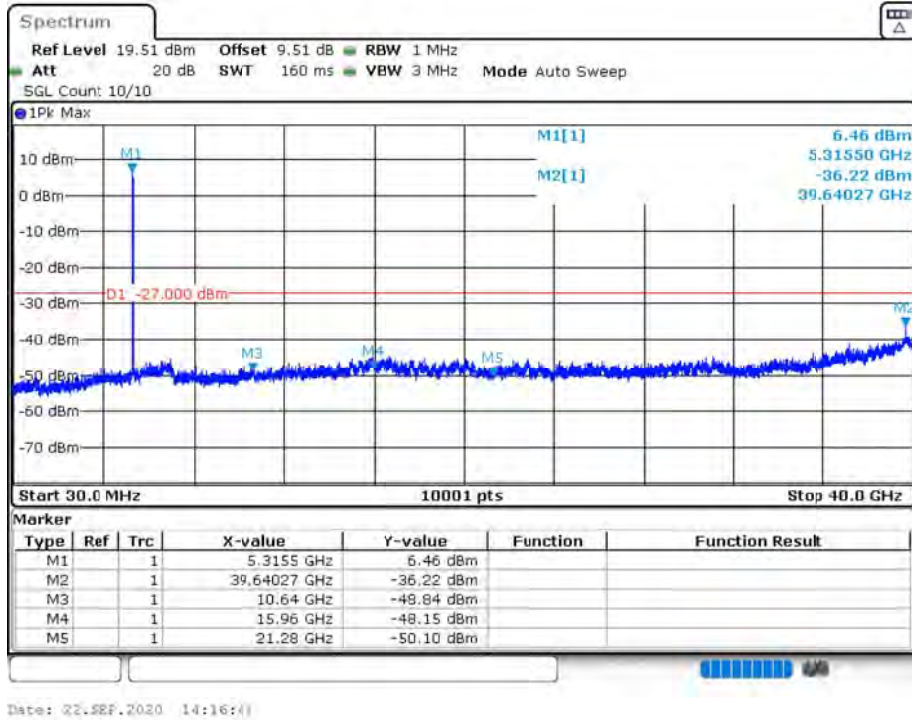
Tx. Spurious NVNT 802.11a 5260MHz Ant1 Emission



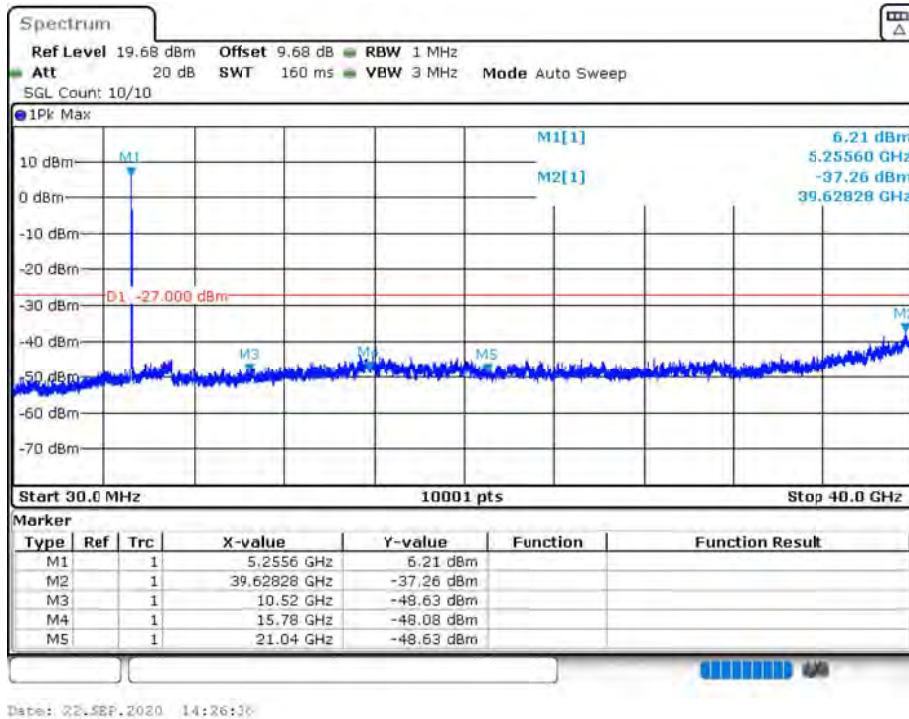
Tx. Spurious NVNT 802.11a 5280MHz Ant1 Emission



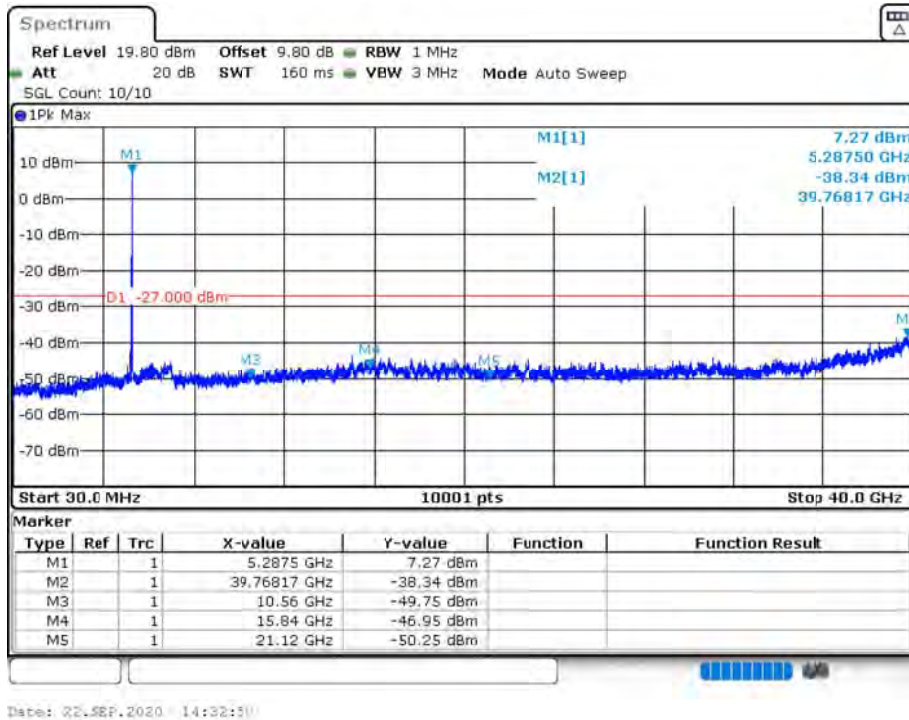
Tx. Spurious NVNT 802.11a 5320MHz Ant1 Emission



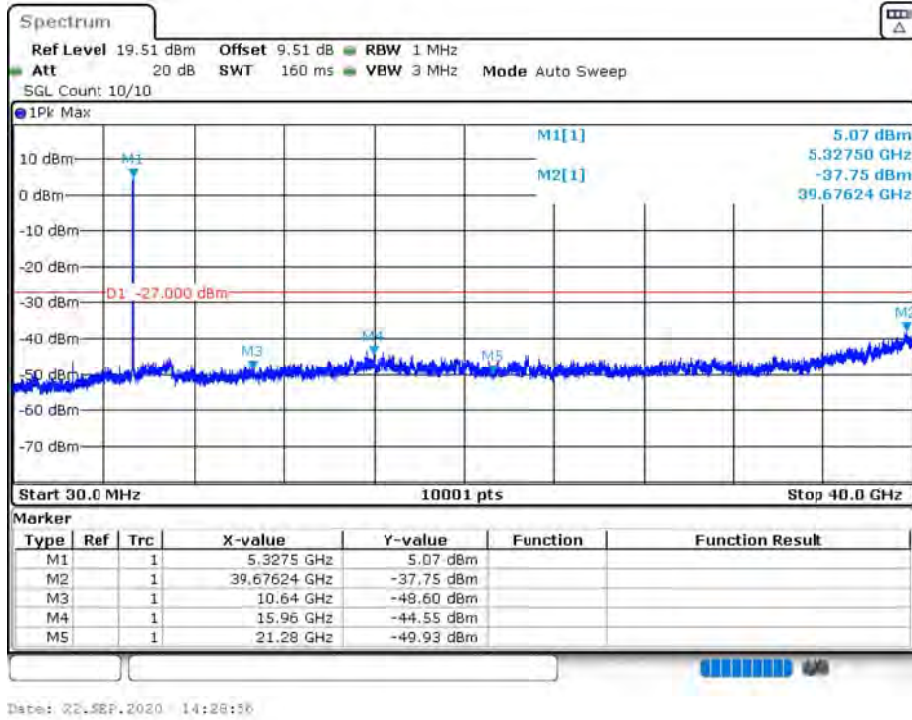
Tx. Spurious NVNT 802.11ac20 5260MHz Ant1 Emission



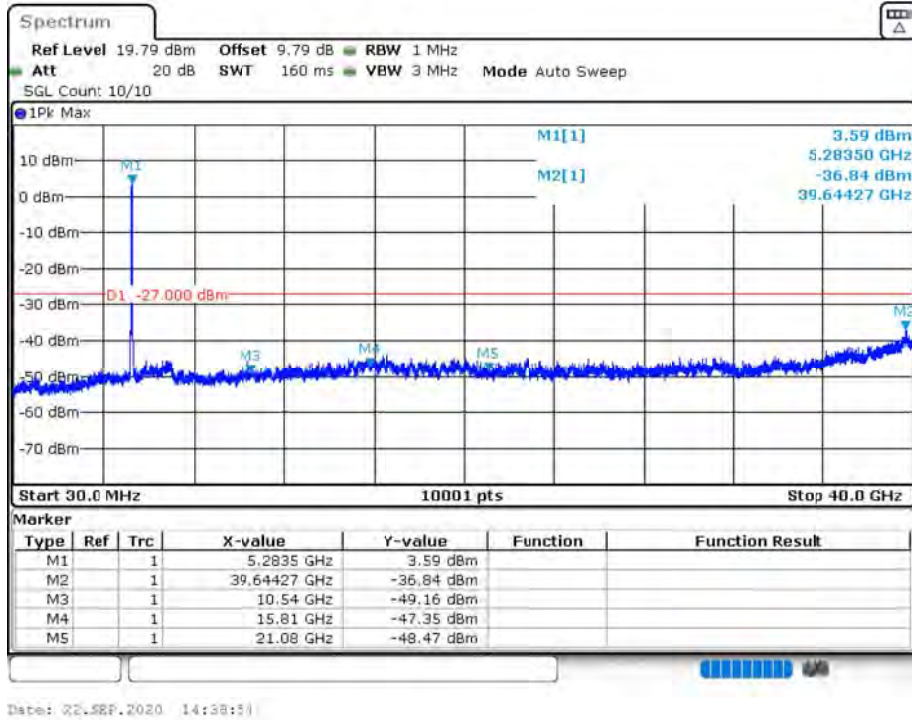
Tx. Spurious NVNT 802.11ac20 5280MHz Ant1 Emission



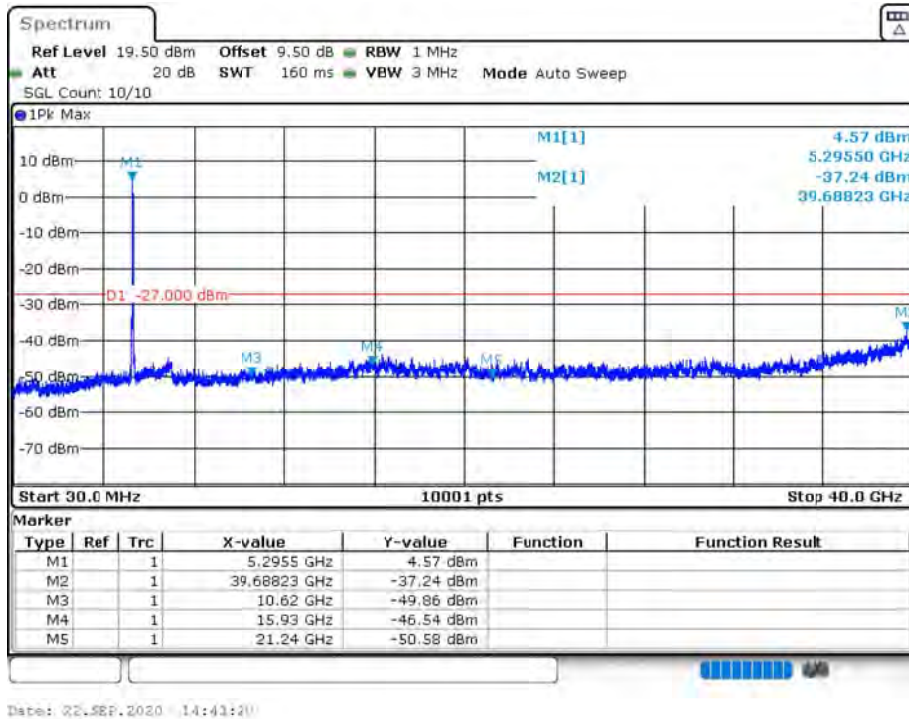
Tx. Spurious NVNT 802.11ac20 5320MHz Ant1 Emission



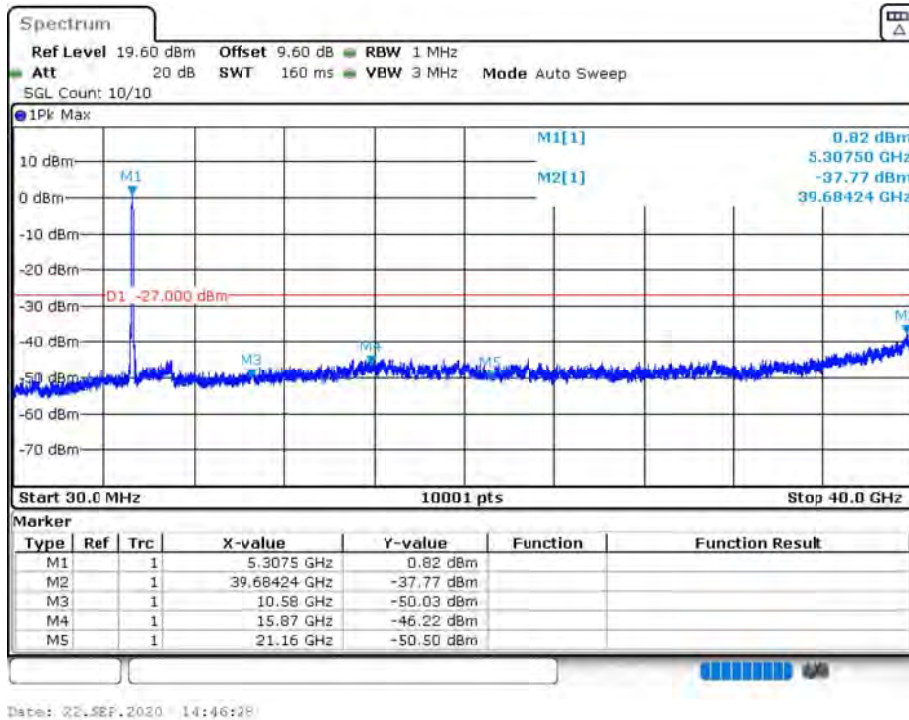
Tx. Spurious NVNT 802.11ac40 5270MHz Ant1 Emission



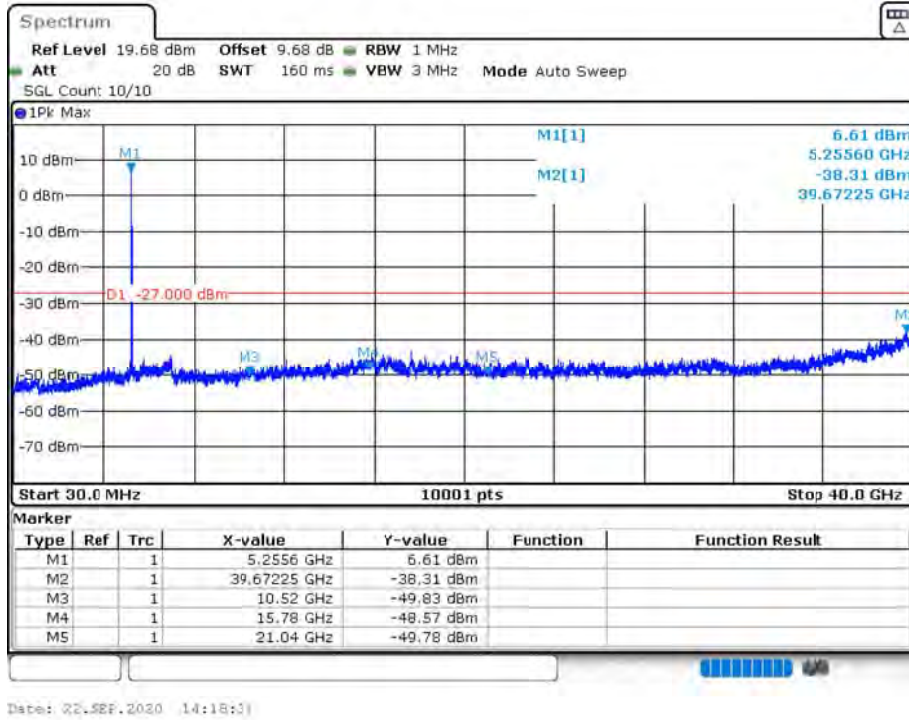
Tx. Spurious NVNT 802.11ac40 5310MHz Ant1 Emission



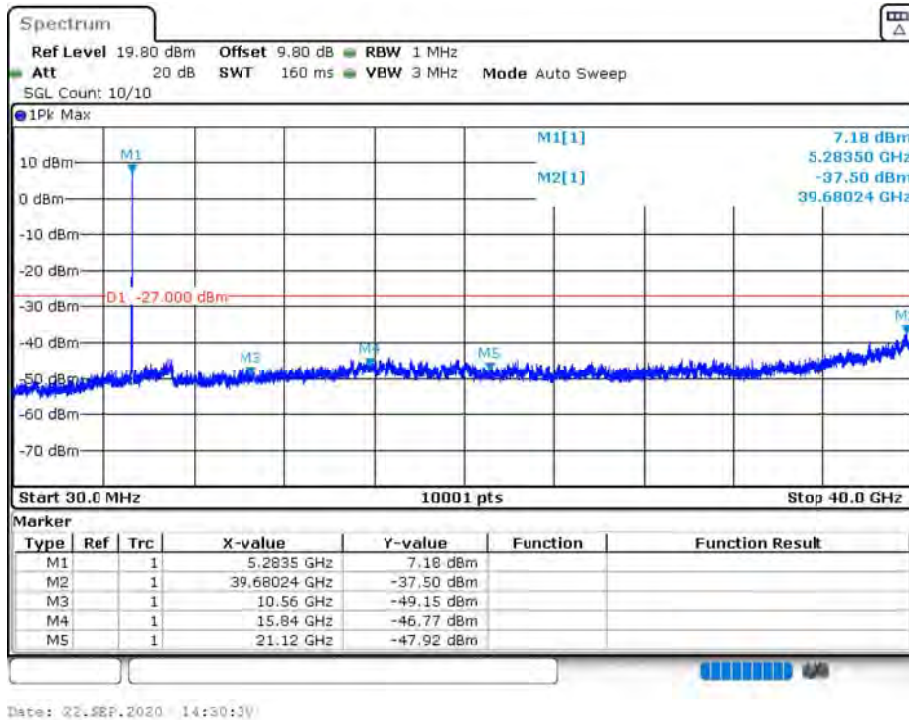
Tx. Spurious NVNT 802.11ac80 5290MHz Ant1 Emission



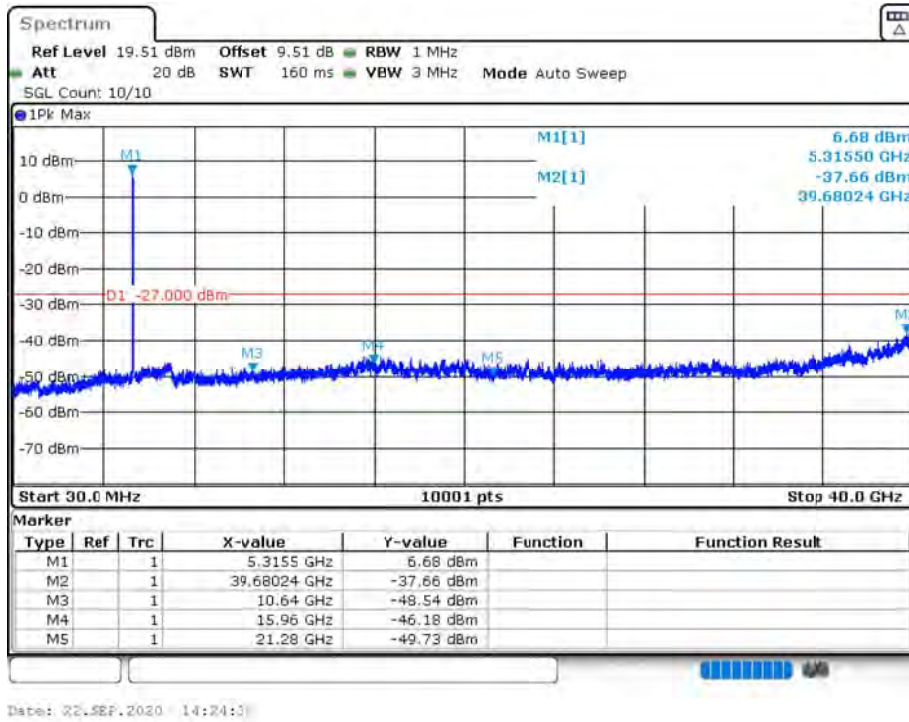
Tx. Spurious NVNT 802.11n(HT20) 5260MHz Ant1 Emission



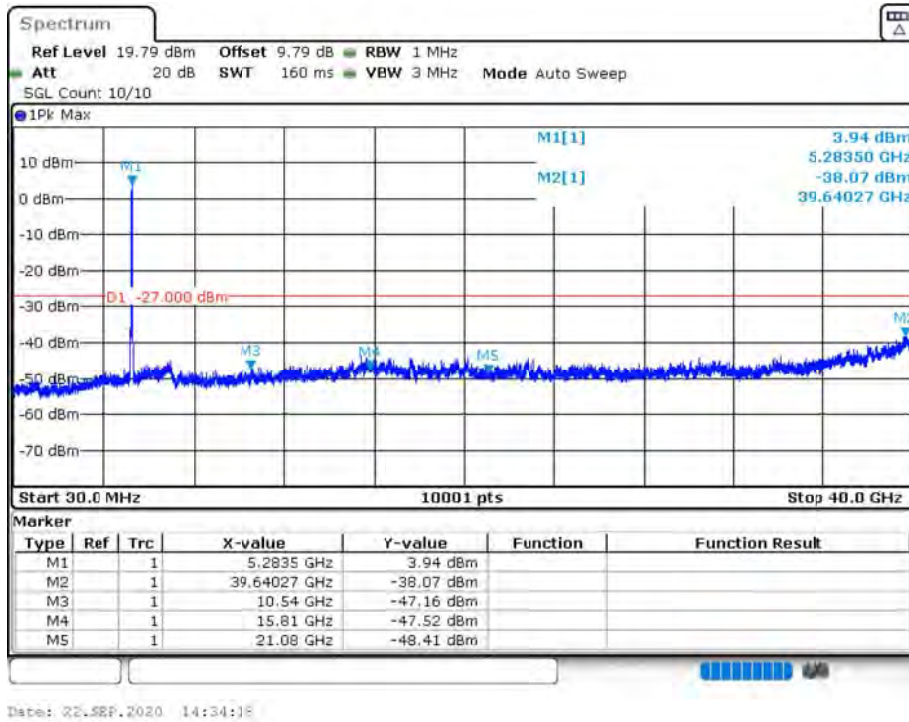
Tx. Spurious NVNT 802.11n(HT20) 5280MHz Ant1 Emission



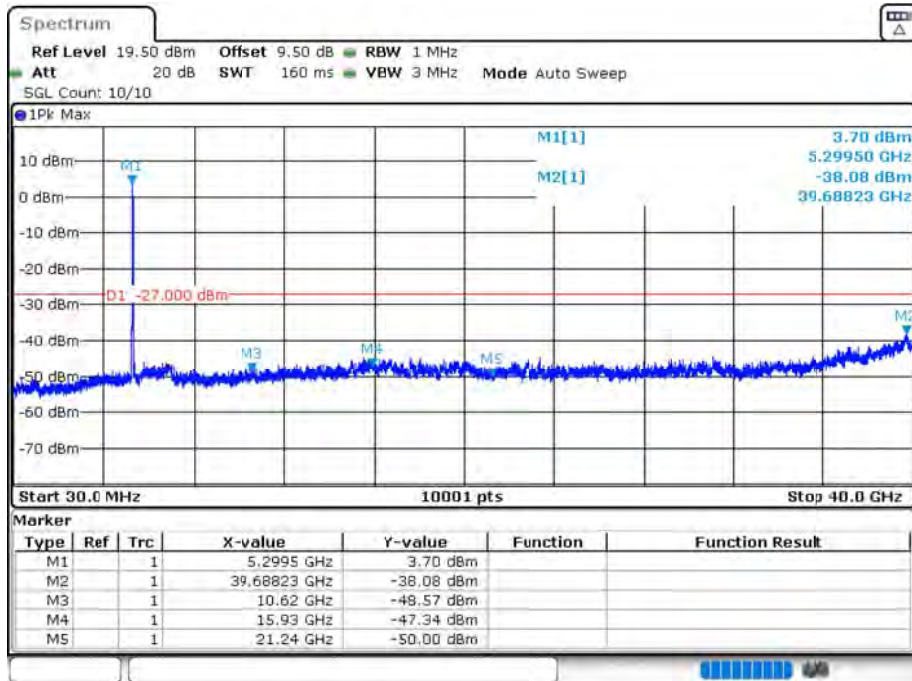
Tx. Spurious NVNT 802.11n(HT20) 5320MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5270MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5310MHz Ant1 Emission



5.6G:

Duty Cycle

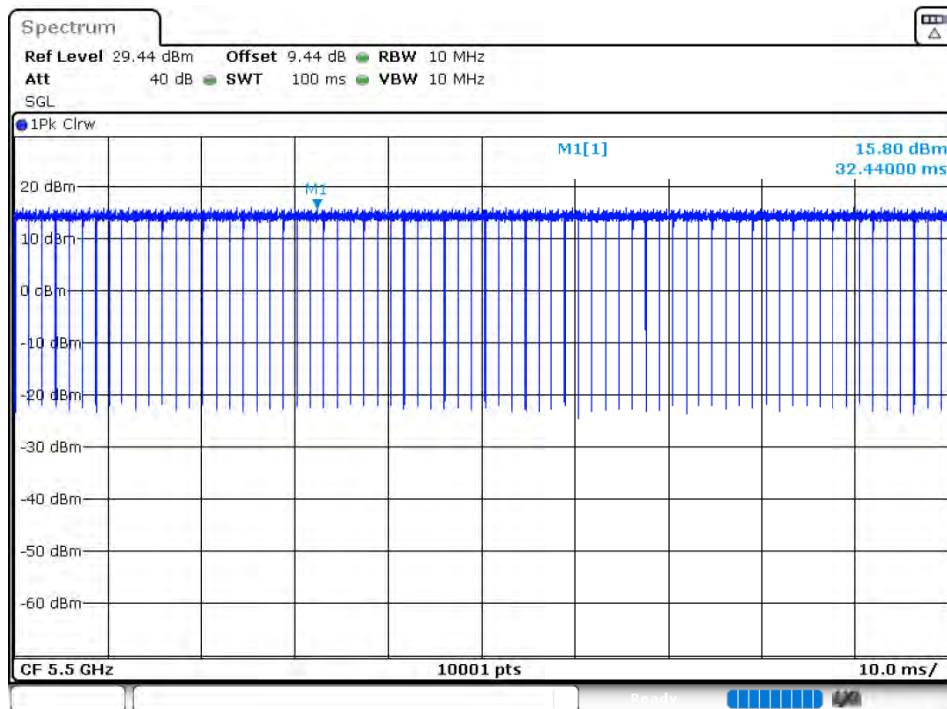
Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)
Ant 1	NVNT	802.11a	5500	100
Ant 1	NVNT	802.11a	5600	100
Ant 1	NVNT	802.11a	5700	100
Ant 1	NVNT	802.11ac20	5500	100
Ant 1	NVNT	802.11ac20	5600	100
Ant 1	NVNT	802.11ac20	5700	100
Ant 1	NVNT	802.11ac40	5510	100
Ant 1	NVNT	802.11ac40	5590	100
Ant 1	NVNT	802.11ac40	5670	100
Ant 1	NVNT	802.11ac80	5530	100
Ant 1	NVNT	802.11ac80	5610	100
Ant 1	NVNT	802.11n(HT20)	5500	100
Ant 1	NVNT	802.11n(HT20)	5600	100
Ant 1	NVNT	802.11n(HT20)	5700	100
Ant 1	NVNT	802.11n(HT40)	5510	100
Ant 1	NVNT	802.11n(HT40)	5590	100
Ant 1	NVNT	802.11n(HT40)	5670	100

Duty Cycle=Ton/(Ton+Toff)

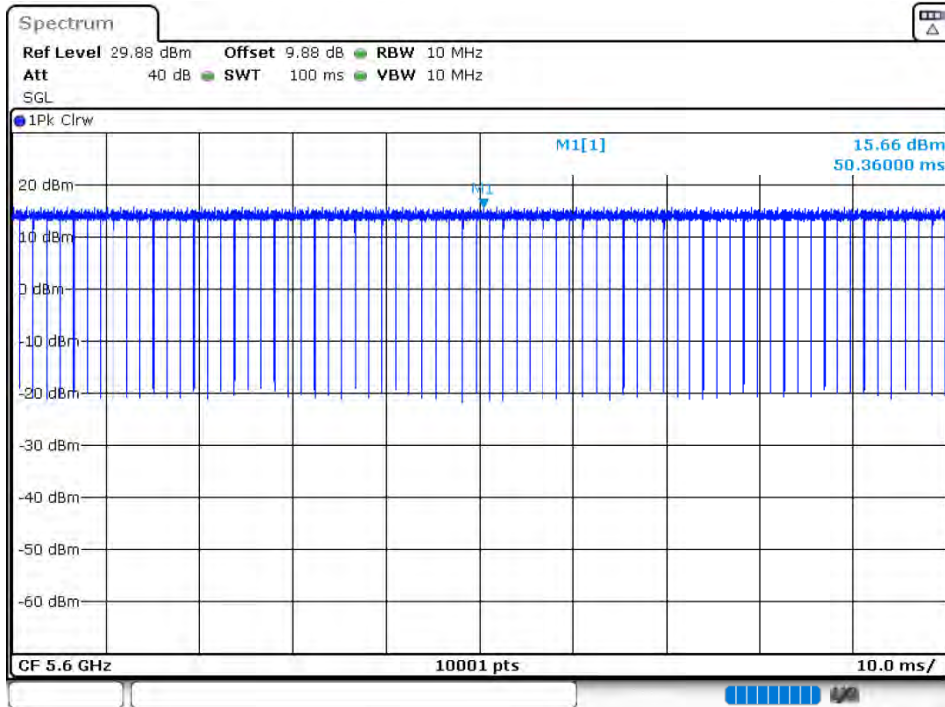
Correction Factor = 10 log(1/x),

x = the duty cycle

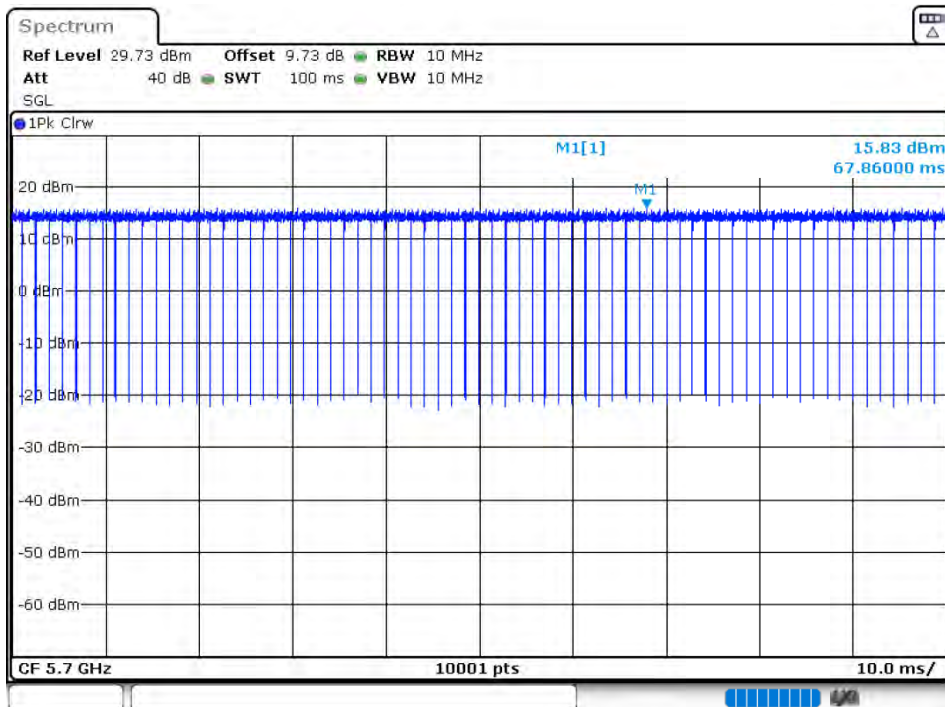
Duty Cycle NVNT 802.11a 5500MHz Ant 1



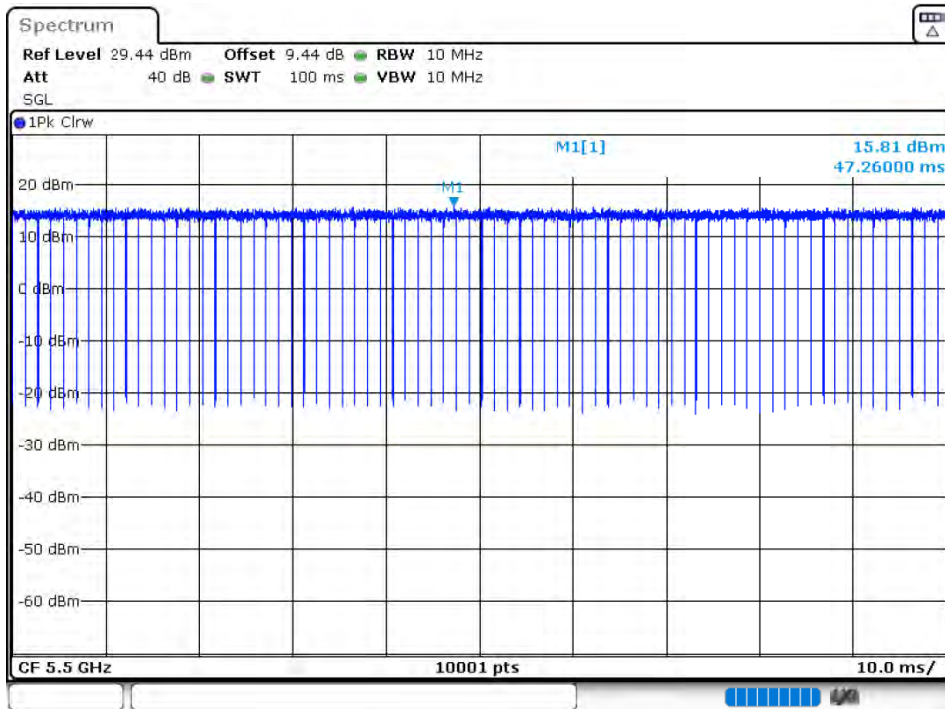
Duty Cycle NVNT 802.11a 5600MHz Ant 1



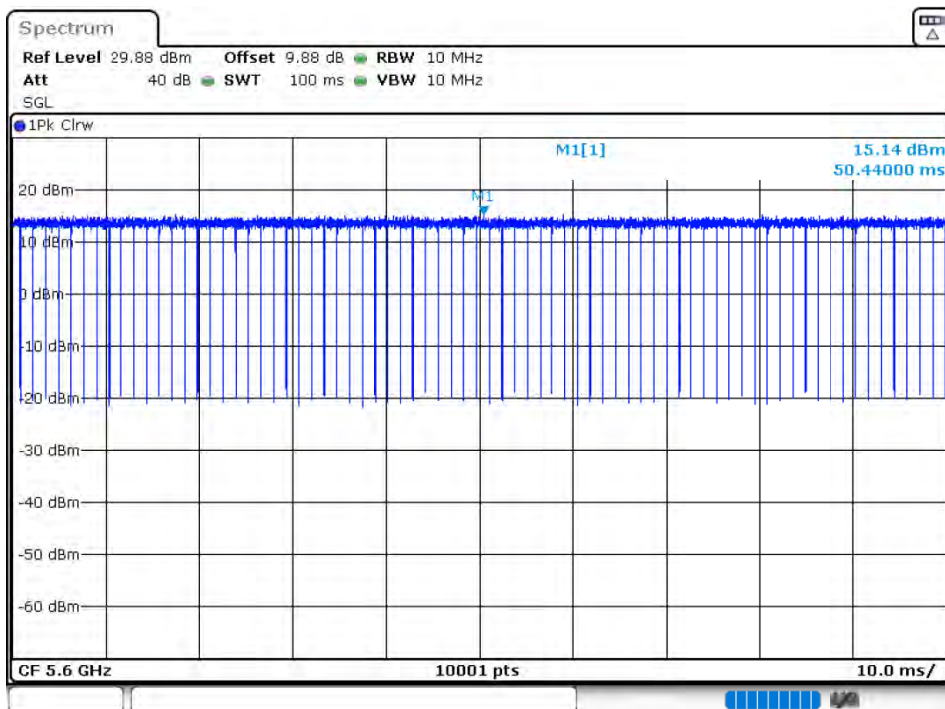
Duty Cycle NVNT 802.11a 5700MHz Ant 1



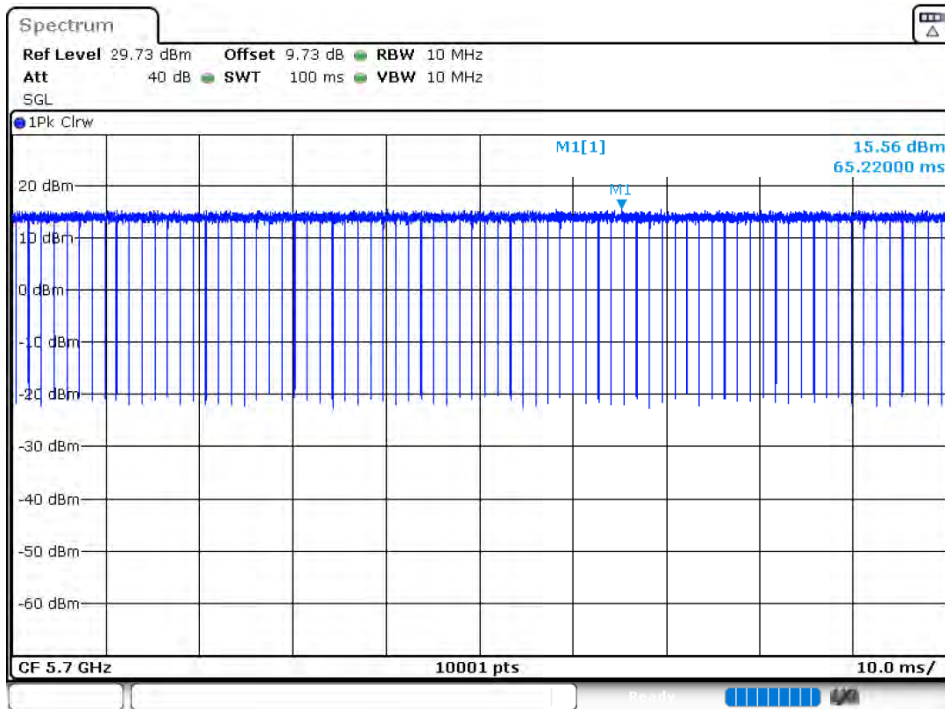
Duty Cycle NVNT 802.11ac20 5500MHz Ant 1



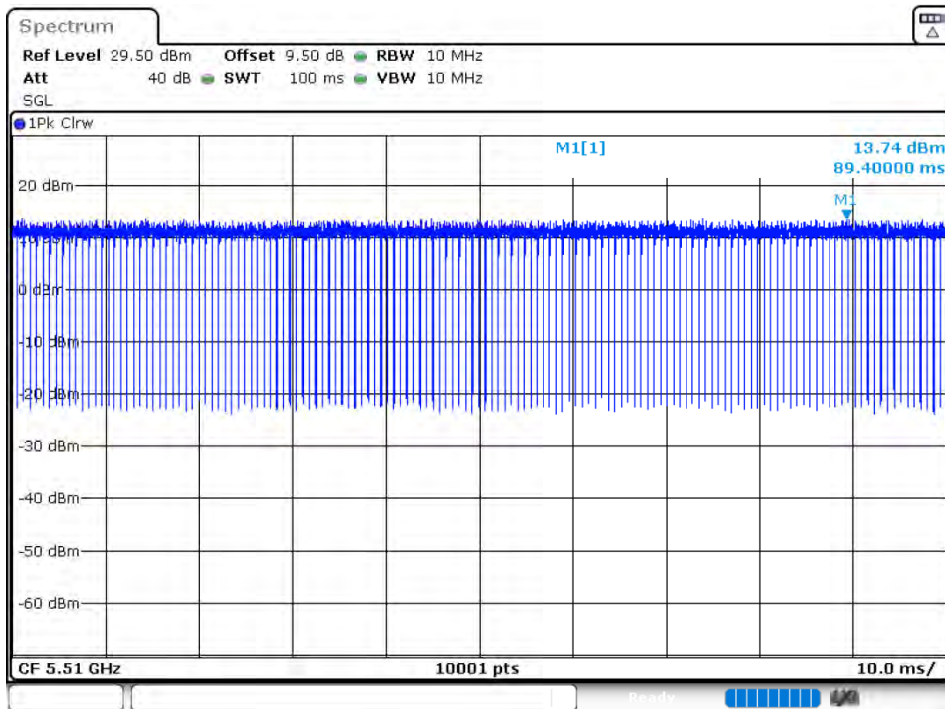
Duty Cycle NVNT 802.11ac20 5600MHz Ant 1



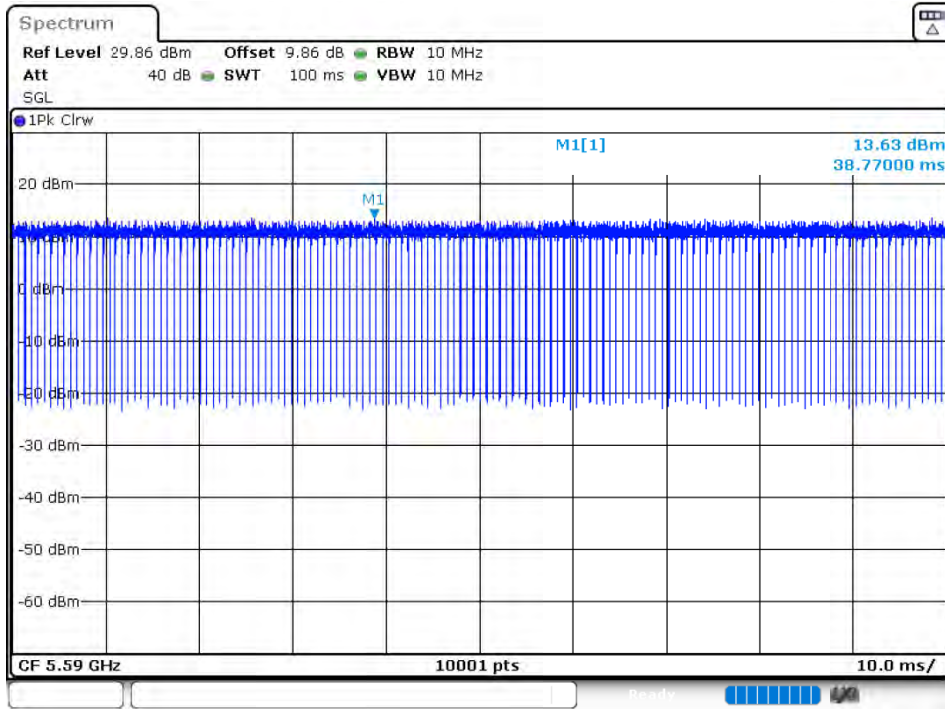
Duty Cycle NVNT 802.11ac20 5700MHz Ant 1



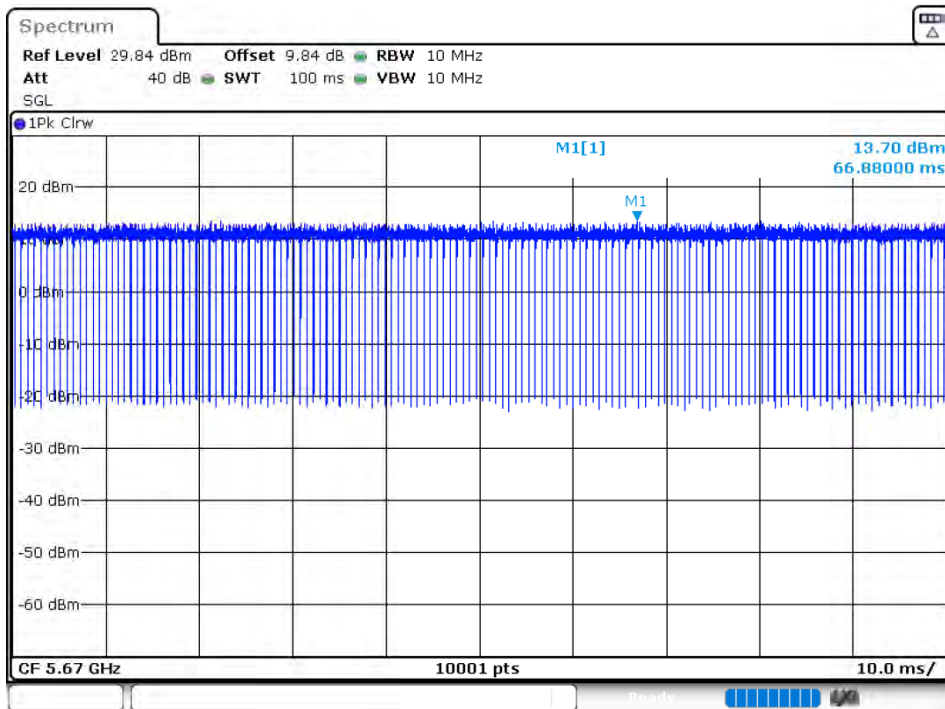
Duty Cycle NVNT 802.11ac40 5510MHz Ant 1



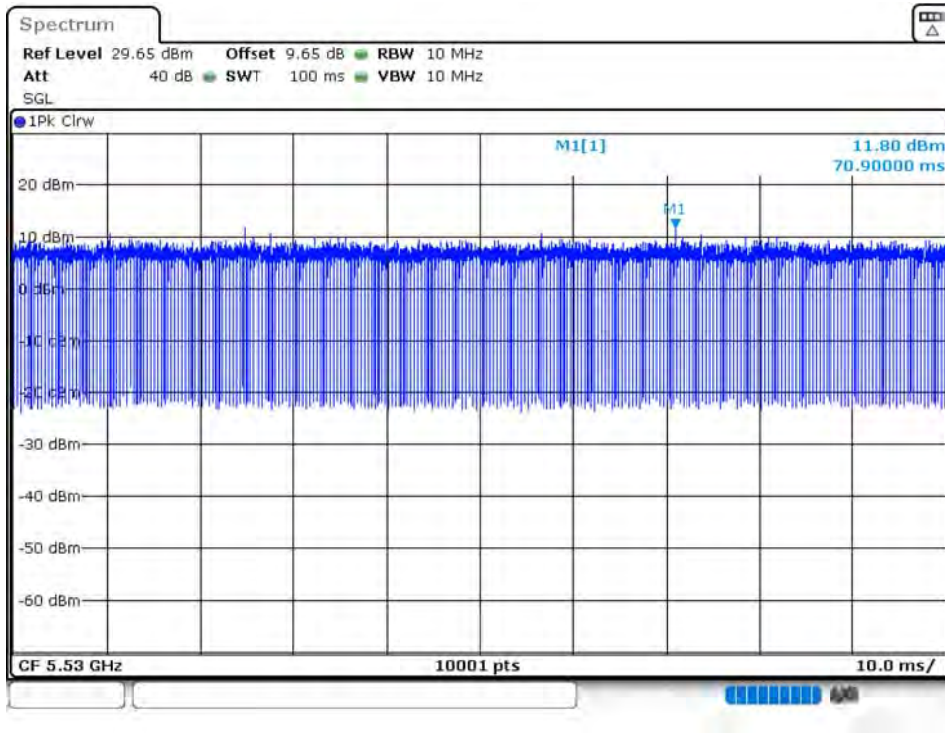
Duty Cycle NVNT 802.11ac40 5590MHz Ant 1



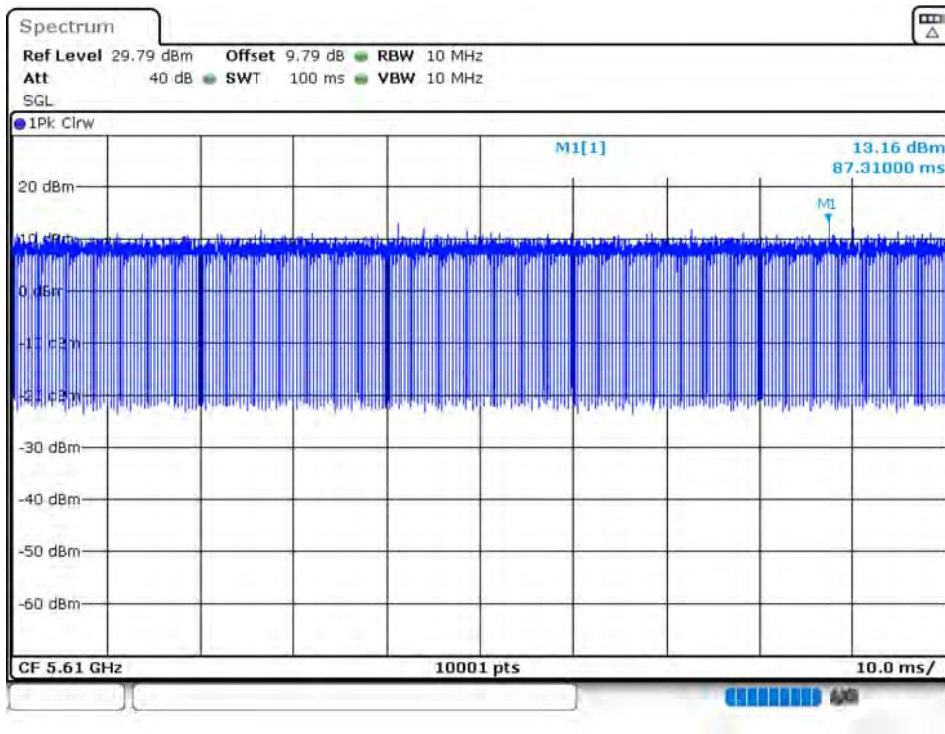
Duty Cycle NVNT 802.11ac40 5670MHz Ant 1



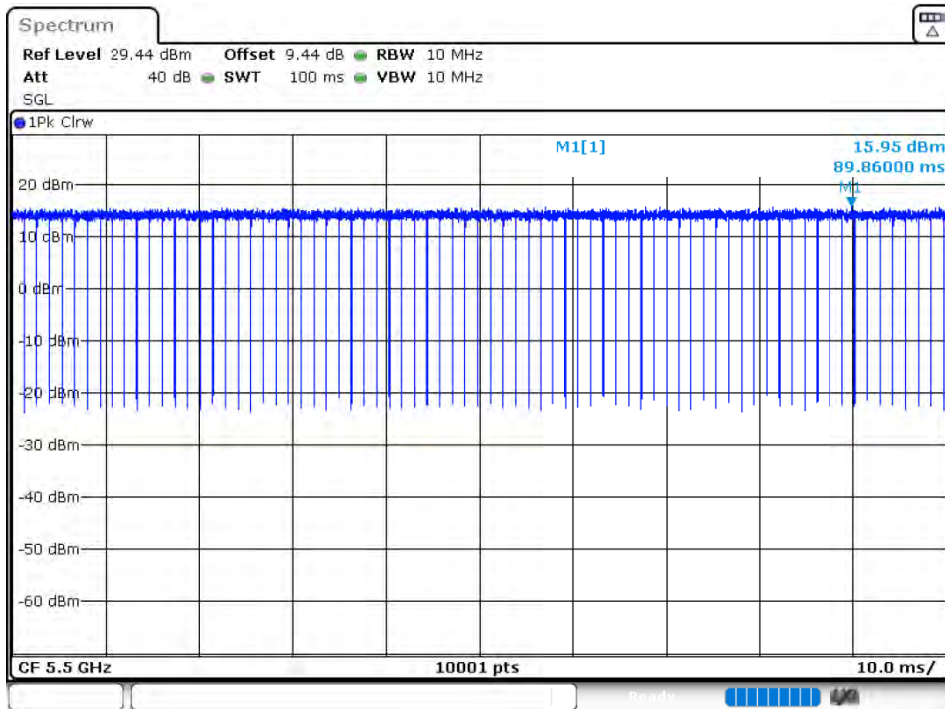
Duty Cycle NVNT 802.11ac80 5530MHz Ant 1



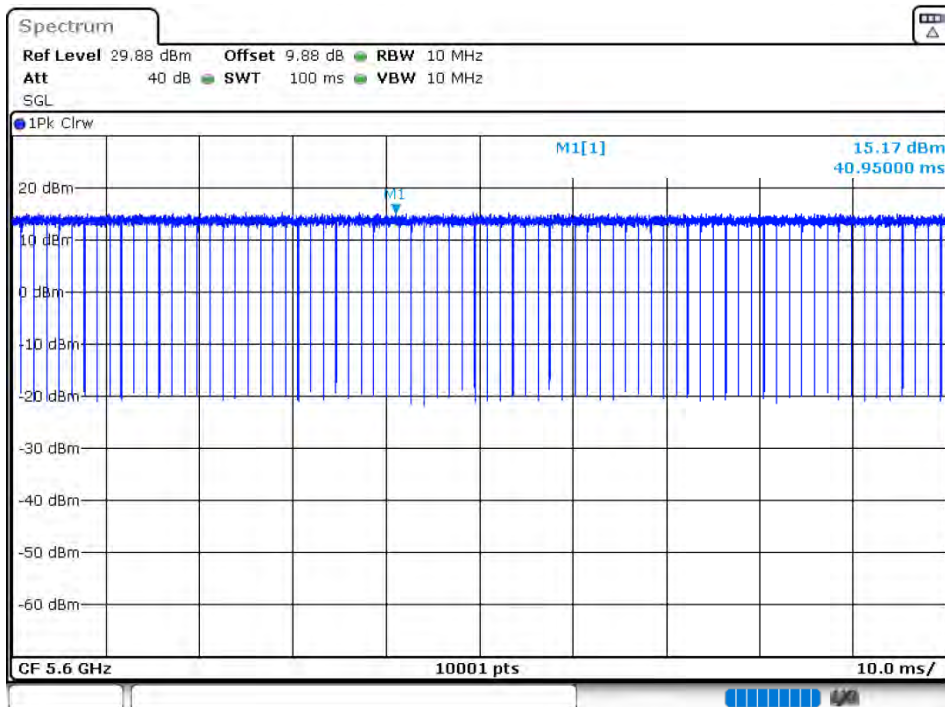
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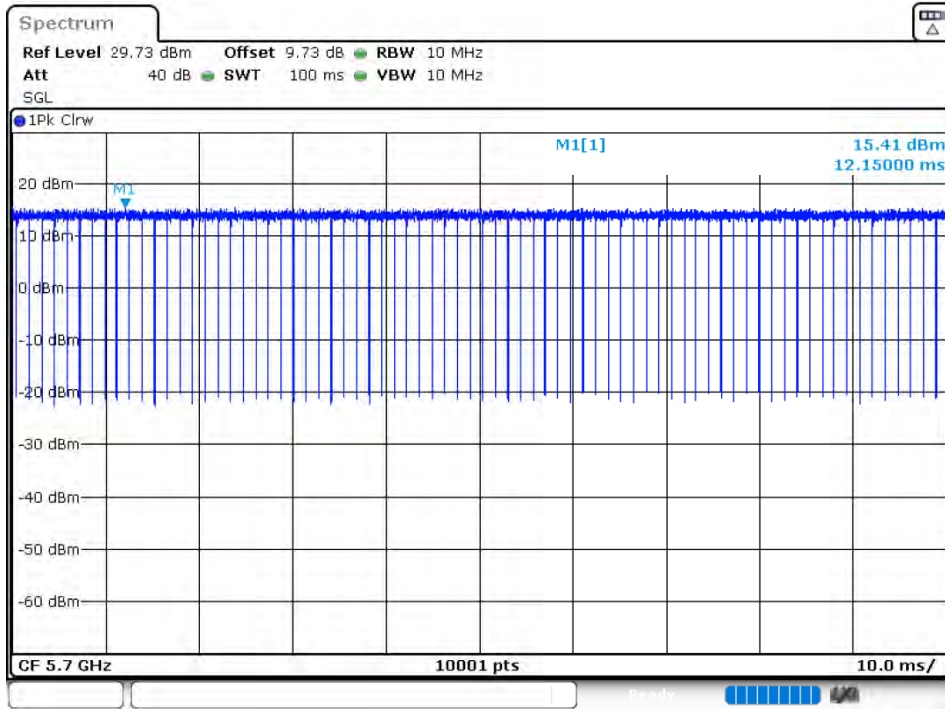
Duty Cycle NVNT 802.11n(HT20) 5500MHz Ant 1



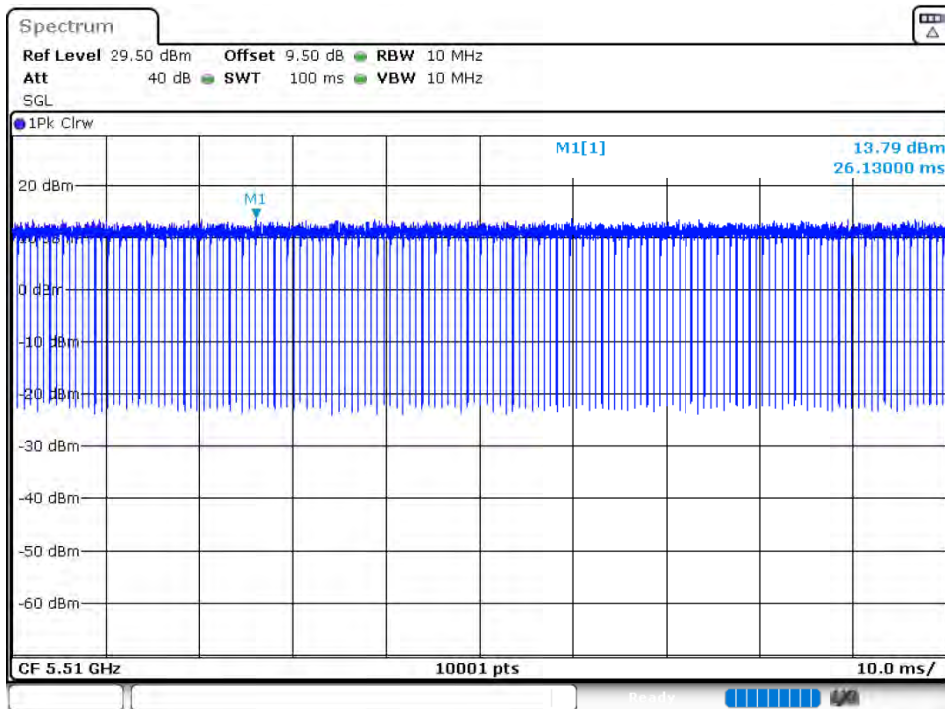
Duty Cycle NVNT 802.11n(HT20) 5600MHz Ant 1



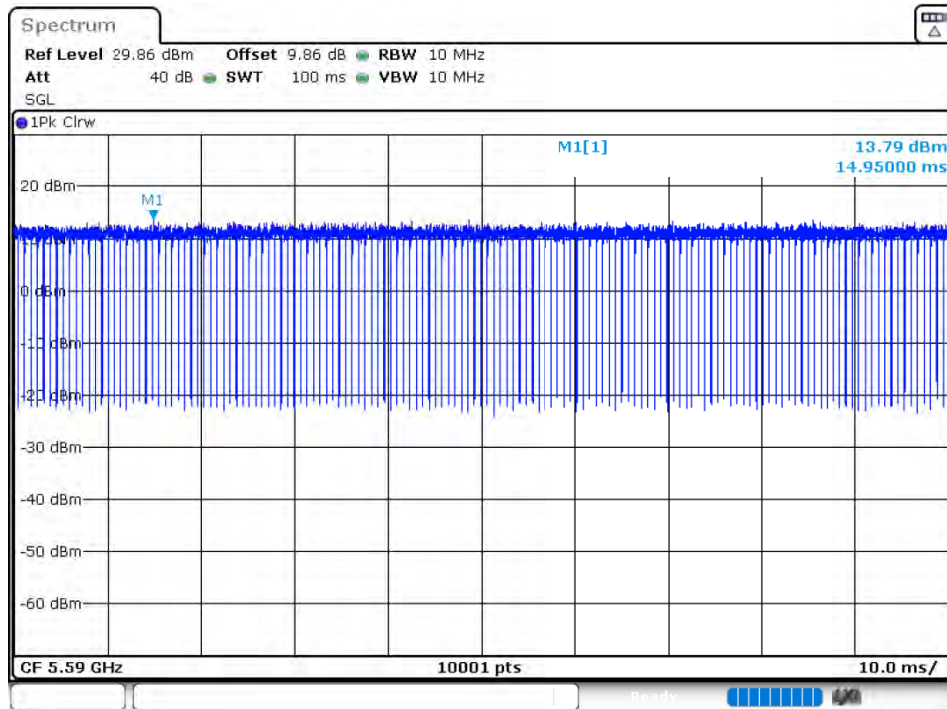
Duty Cycle NVNT 802.11n(HT20) 5700MHz Ant 1



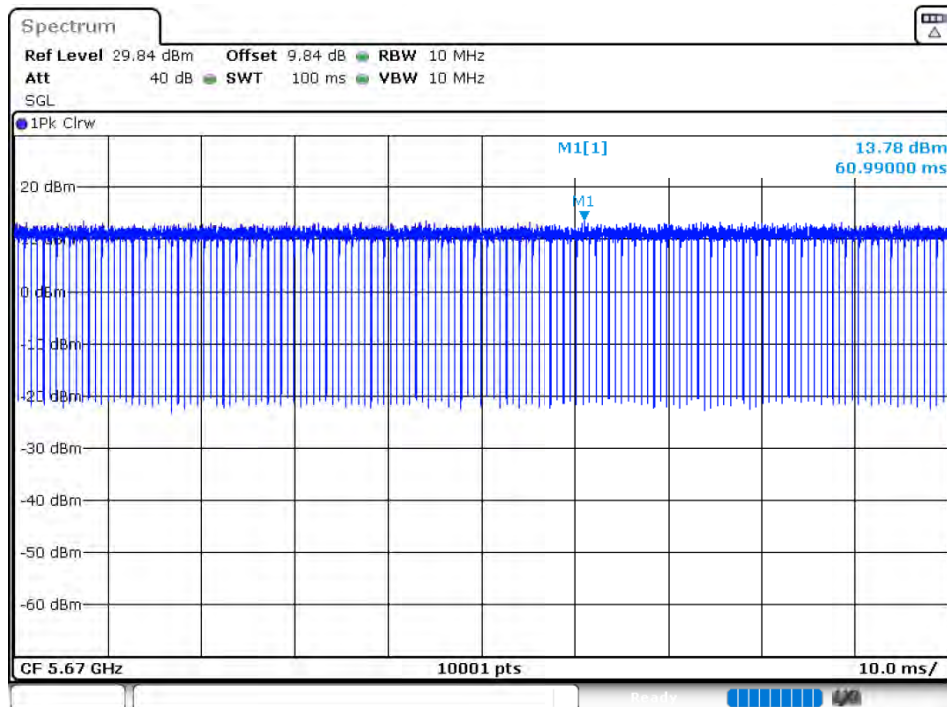
Duty Cycle NVNT 802.11n(HT40) 5510MHz Ant 1



Duty Cycle NVNT 802.11n(HT40) 5590MHz Ant 1



Duty Cycle NVNT 802.11n(HT40) 5670MHz Ant 1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	9.5	0	9.5	24	Pass
NVNT	802.11a	5600	Ant 1	9.43	0	9.43	24	Pass
NVNT	802.11a	5700	Ant 1	9.66	0	9.66	24	Pass
NVNT	802.11ac20	5500	Ant 1	9.32	0	9.32	24	Pass
NVNT	802.11ac20	5600	Ant 1	9.43	0	9.43	24	Pass
NVNT	802.11ac20	5700	Ant 1	9.65	0	9.65	24	Pass
NVNT	802.11ac40	5510	Ant 1	8.8	0	8.8	24	Pass
NVNT	802.11ac40	5590	Ant 1	8.83	0	8.83	24	Pass
NVNT	802.11ac40	5670	Ant 1	9.11	0	9.11	24	Pass
NVNT	802.11ac80	5530	Ant 1	8.75	0	8.75	24	Pass
NVNT	802.11ac80	5610	Ant 1	8.77	0	8.77	24	Pass
NVNT	802.11n(HT20)	5500	Ant 1	9.32	0	9.32	24	Pass
NVNT	802.11n(HT20)	5600	Ant 1	9.4	0	9.4	24	Pass
NVNT	802.11n(HT20)	5700	Ant 1	9.69	0	9.69	24	Pass
NVNT	802.11n(HT40)	5510	Ant 1	8.93	0	8.93	24	Pass
NVNT	802.11n(HT40)	5590	Ant 1	8.89	0	8.89	24	Pass
NVNT	802.11n(HT40)	5670	Ant 1	9.05	0	9.05	24	Pass

Total Power= Conducted Power+ Duty Factor

Maximum e.i.r.p. Output Power

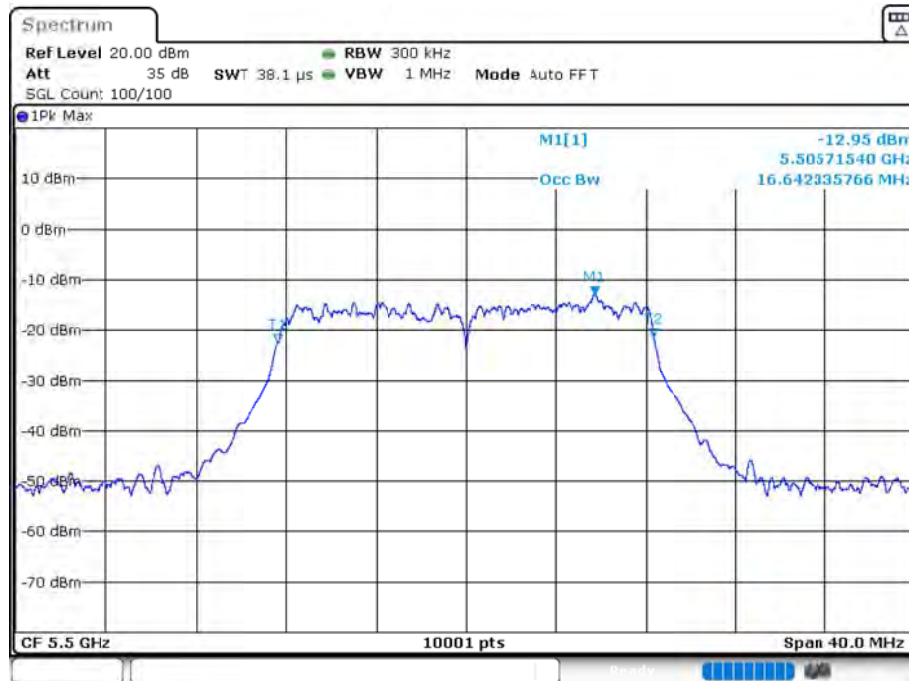
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	9.5	4.99	14.49	27	Pass
NVNT	802.11a	5600	Ant 1	9.43	4.99	14.42	27	Pass
NVNT	802.11a	5700	Ant 1	9.66	4.99	14.65	27	Pass
NVNT	802.11ac20	5500	Ant 1	9.32	4.99	14.31	27	Pass
NVNT	802.11ac20	5600	Ant 1	9.43	4.99	14.42	27	Pass
NVNT	802.11ac20	5700	Ant 1	9.65	4.99	14.64	27	Pass
NVNT	802.11ac40	5510	Ant 1	8.8	4.99	13.79	27	Pass
NVNT	802.11ac40	5590	Ant 1	8.83	4.99	13.82	27	Pass
NVNT	802.11ac40	5670	Ant 1	9.11	4.99	14.1	27	Pass
NVNT	802.11ac80	5530	Ant 1	8.75	4.99	13.74	27	Pass
NVNT	802.11ac80	5610	Ant 1	8.77	4.99	13.76	27	Pass
NVNT	802.11n(HT20)	5500	Ant 1	9.32	4.99	14.31	27	Pass
NVNT	802.11n(HT20)	5600	Ant 1	9.4	4.99	14.39	27	Pass
NVNT	802.11n(HT20)	5700	Ant 1	9.69	4.99	14.68	27	Pass
NVNT	802.11n(HT40)	5510	Ant 1	8.93	4.99	13.92	27	Pass
NVNT	802.11n(HT40)	5590	Ant 1	8.89	4.99	13.88	27	Pass
NVNT	802.11n(HT40)	5670	Ant 1	9.05	4.99	14.04	27	Pass

e.i.r.p. Power = Conducted Power+ Antenna Gain

Occupied Channel Bandwidth

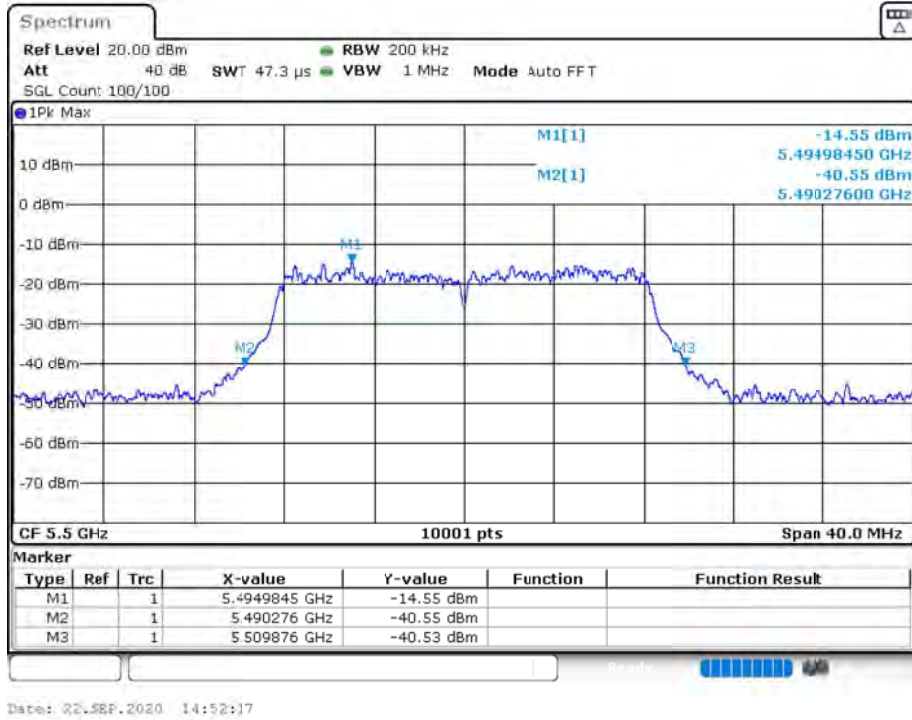
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5500	Ant 1	16.6423	19.6	0	Pass
NVNT	802.11a	5600	Ant 1	16.6823	19.248	0	Pass
NVNT	802.11a	5700	Ant 1	16.7583	19.644	0	Pass
NVNT	802.11ac20	5500	Ant 1	17.6782	21.204	0	Pass
NVNT	802.11ac20	5600	Ant 1	17.6502	23.048	0	Pass
NVNT	802.11ac20	5700	Ant 1	17.7182	21.276	0	Pass
NVNT	802.11ac40	5510	Ant 1	36.4444	45.616	0	Pass
NVNT	802.11ac40	5590	Ant 1	36.4604	44.664	0	Pass
NVNT	802.11ac40	5670	Ant 1	36.3644	44.456	0	Pass
NVNT	802.11ac80	5530	Ant 1	75.0005	84.624	0	Pass
NVNT	802.11ac80	5610	Ant 1	75.3365	87.392	0	Pass
NVNT	802.11n(HT20)	5500	Ant 1	17.7422	22.284	0	Pass
NVNT	802.11n(HT20)	5600	Ant 1	17.7422	20.968	0	Pass
NVNT	802.11n(HT20)	5700	Ant 1	17.6822	20.48	0	Pass
NVNT	802.11n(HT40)	5510	Ant 1	36.4204	44.616	0	Pass
NVNT	802.11n(HT40)	5590	Ant 1	36.4364	45.192	0	Pass
NVNT	802.11n(HT40)	5670	Ant 1	36.3884	44.424	0	Pass

OBW NVNT 802.11a 5500MHz Ant1

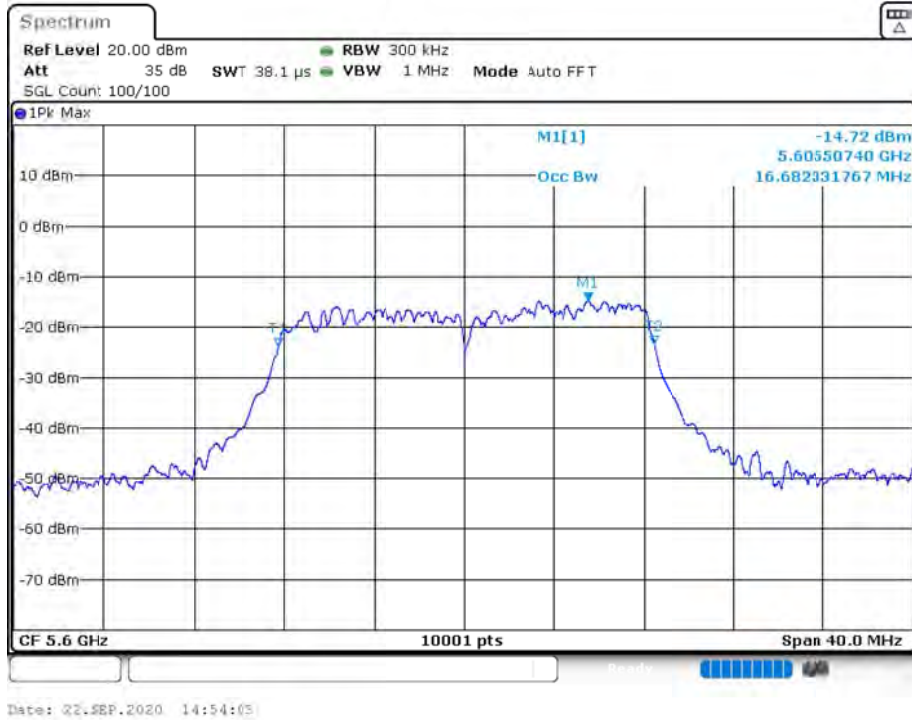


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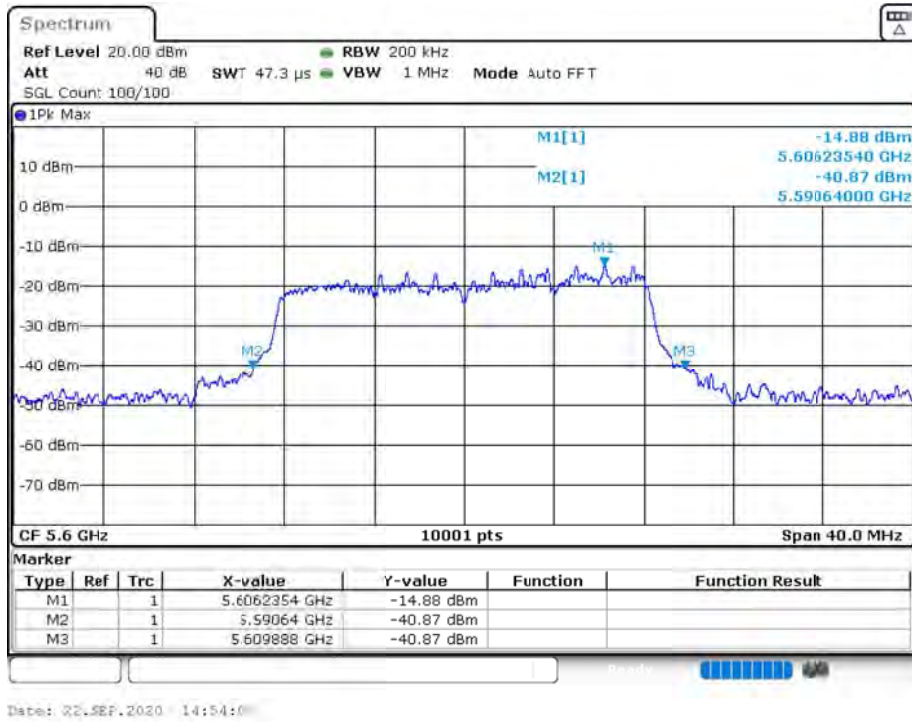
-26 dB BW NVNT 802.11a 5500MHz Ant1



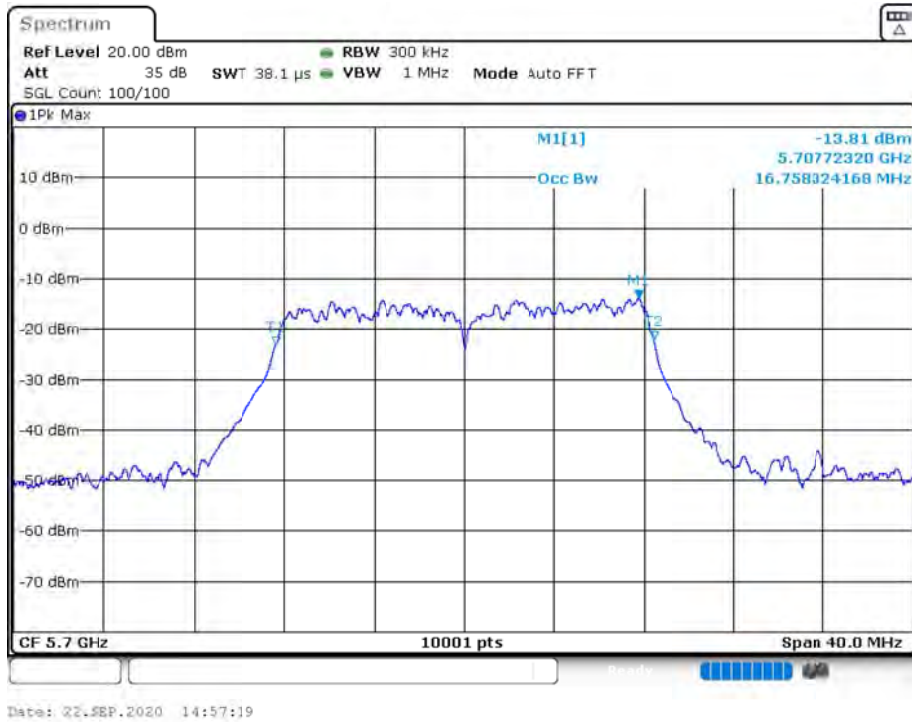
OBW NVNT 802.11a 5600MHz Ant1



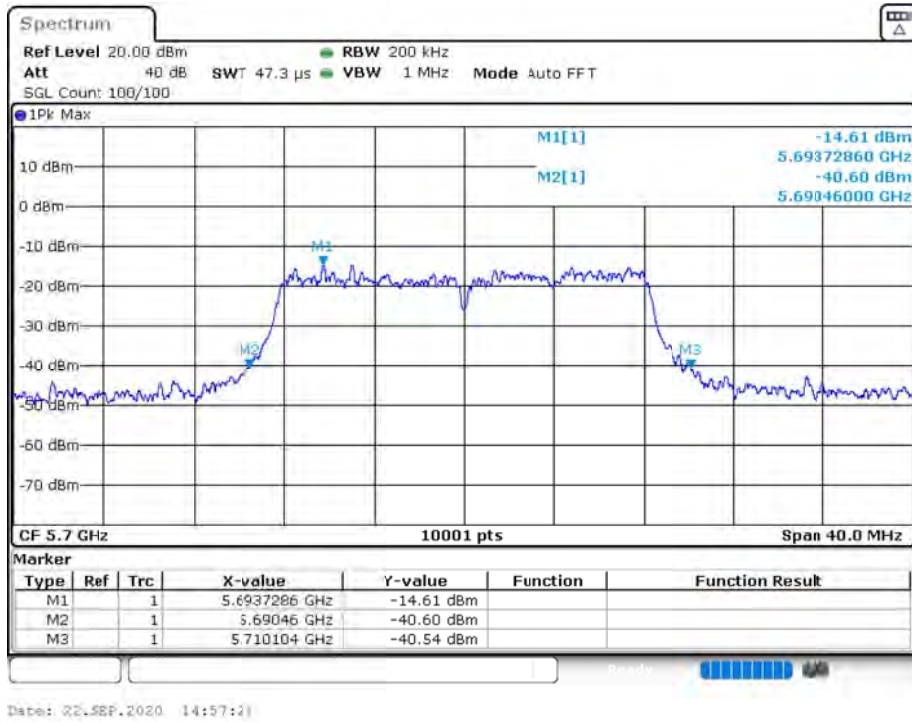
-26 dB BW NVNT 802.11a 5600MHz Ant1



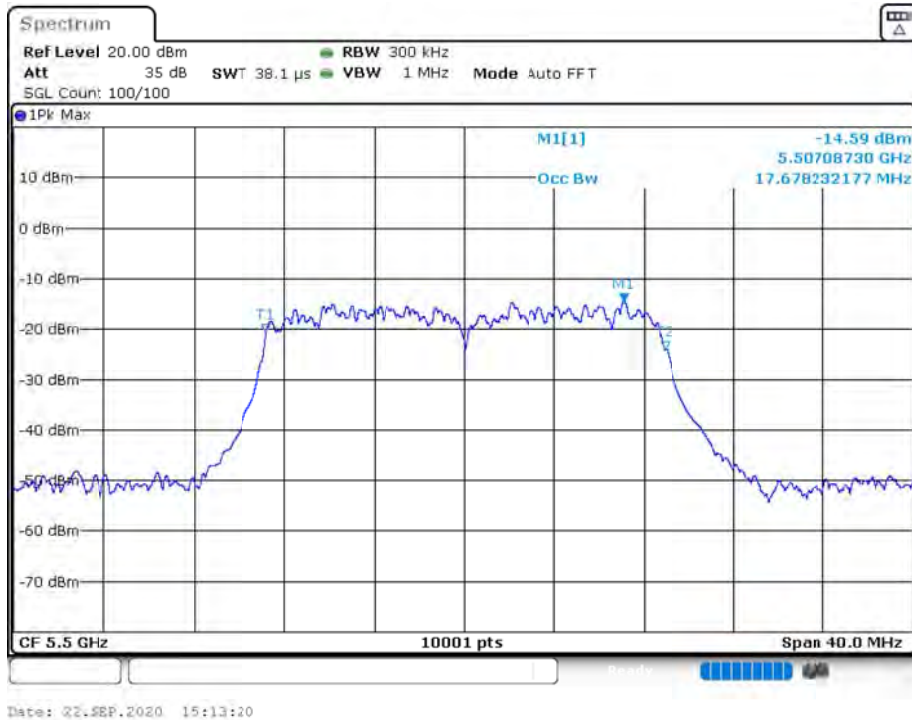
OBW NVNT 802.11a 5700MHz Ant1



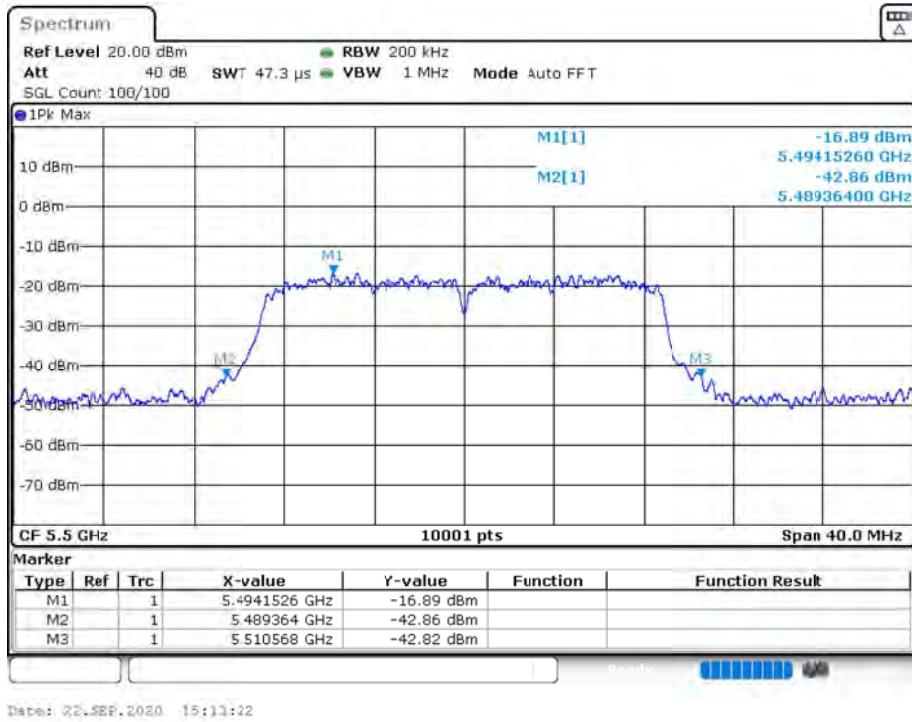
-26 dB BW NVNT 802.11a 5700MHz Ant1



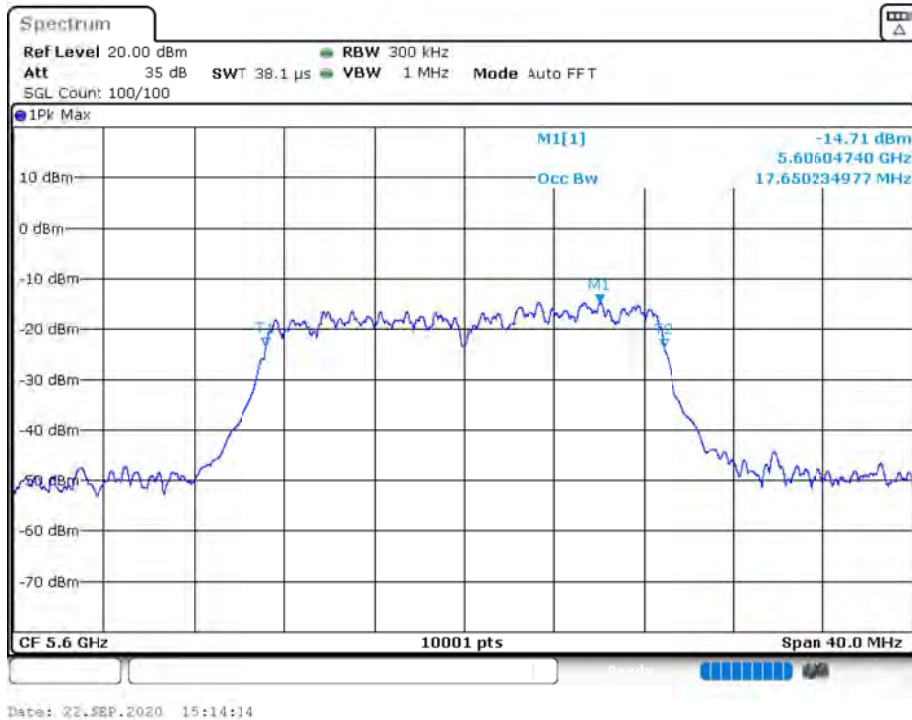
OBW NVNT 802.11ac20 5500MHz Ant1



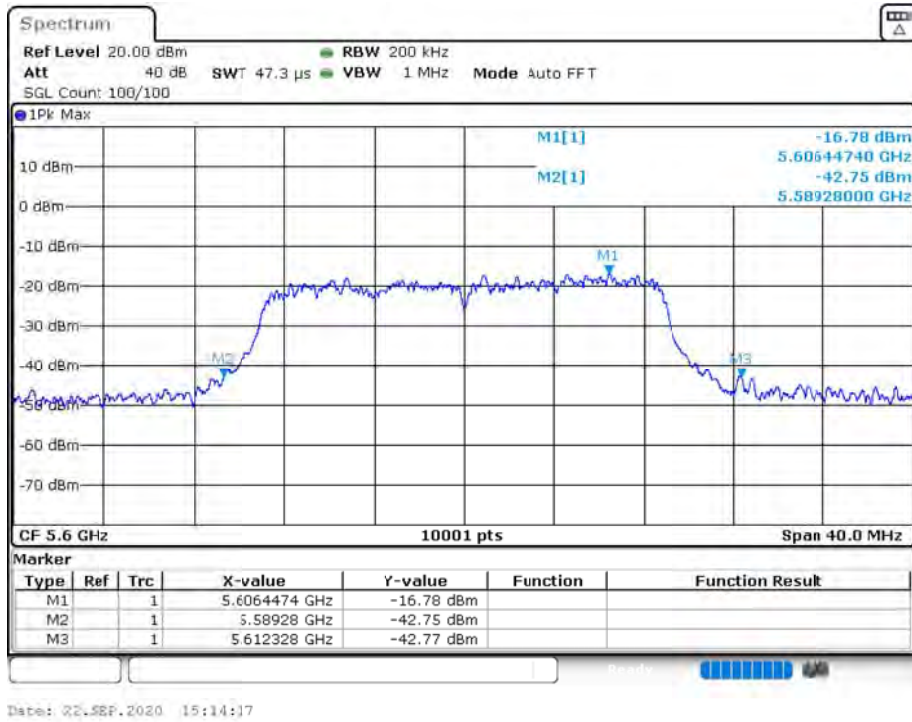
-26 dB BW NVNT 802.11ac20 5500MHz Ant1



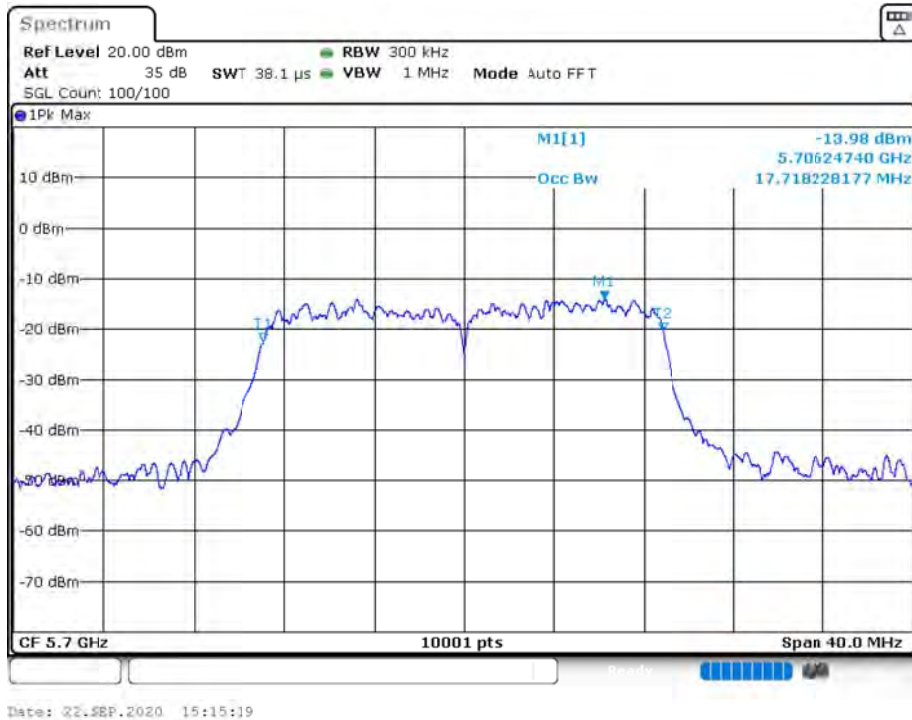
OBW NVNT 802.11ac20 5600MHz Ant1



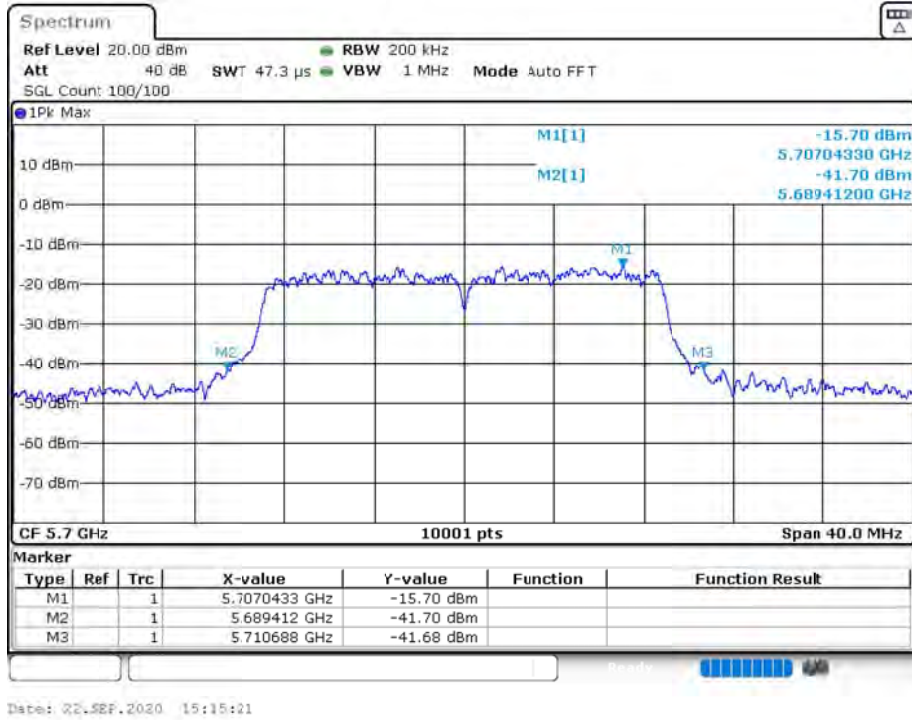
-26 dB BW NVNT 802.11ac20 5600MHz Ant1



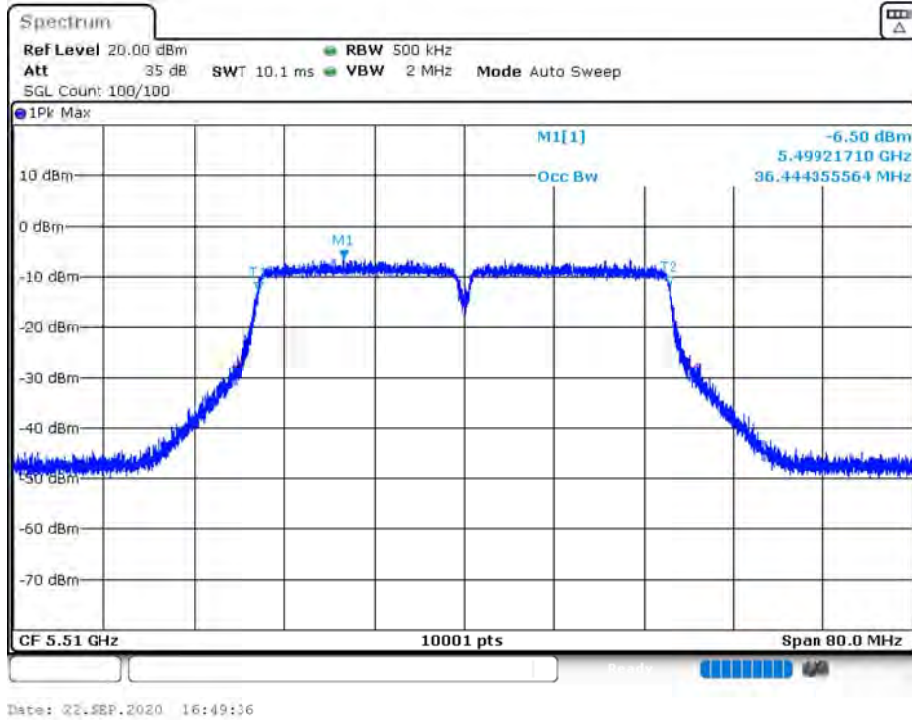
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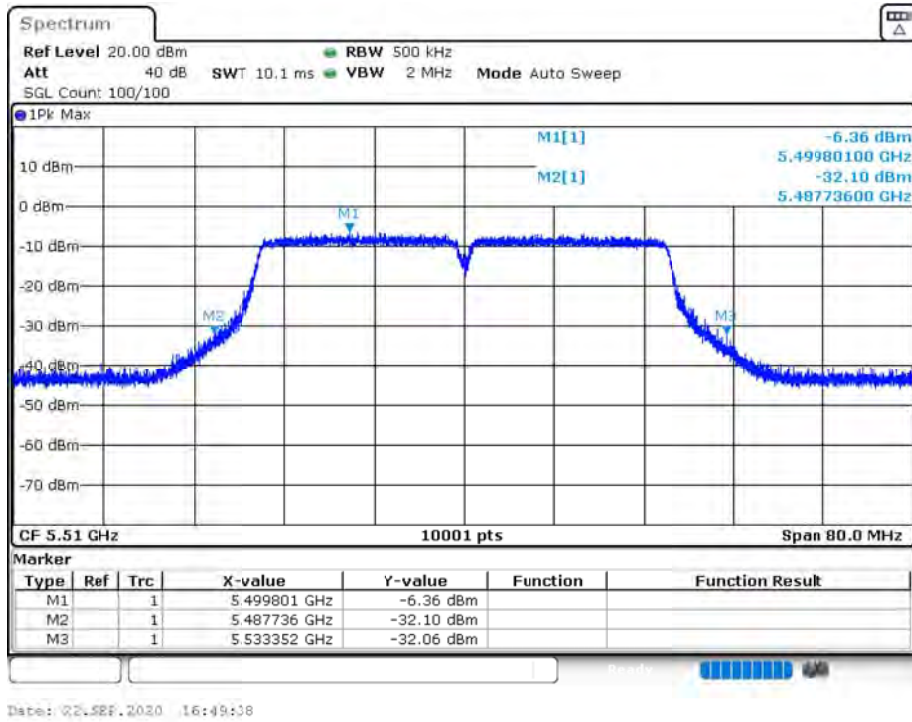
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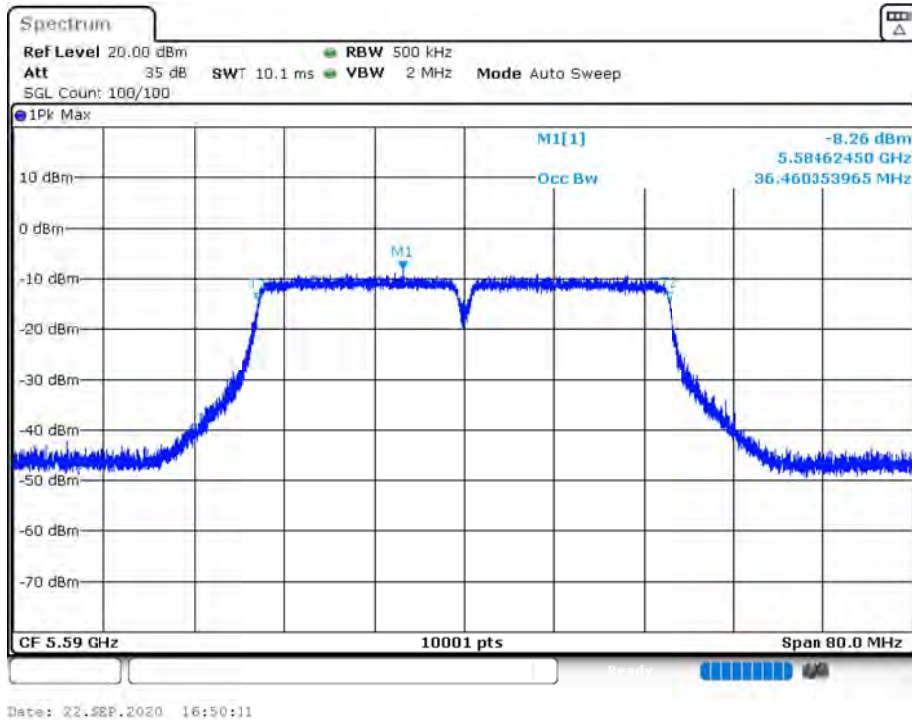
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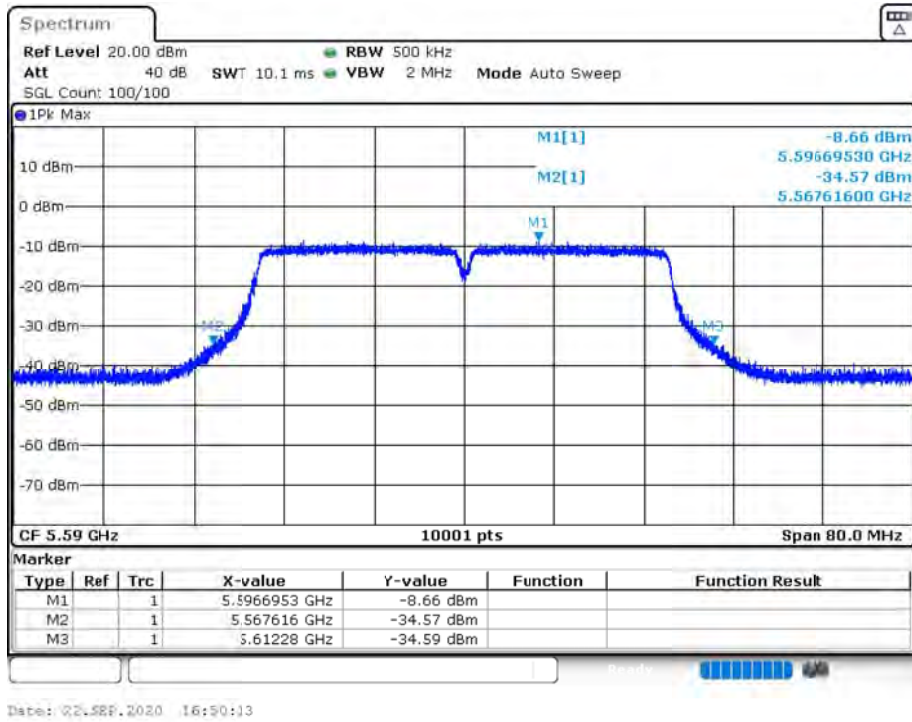
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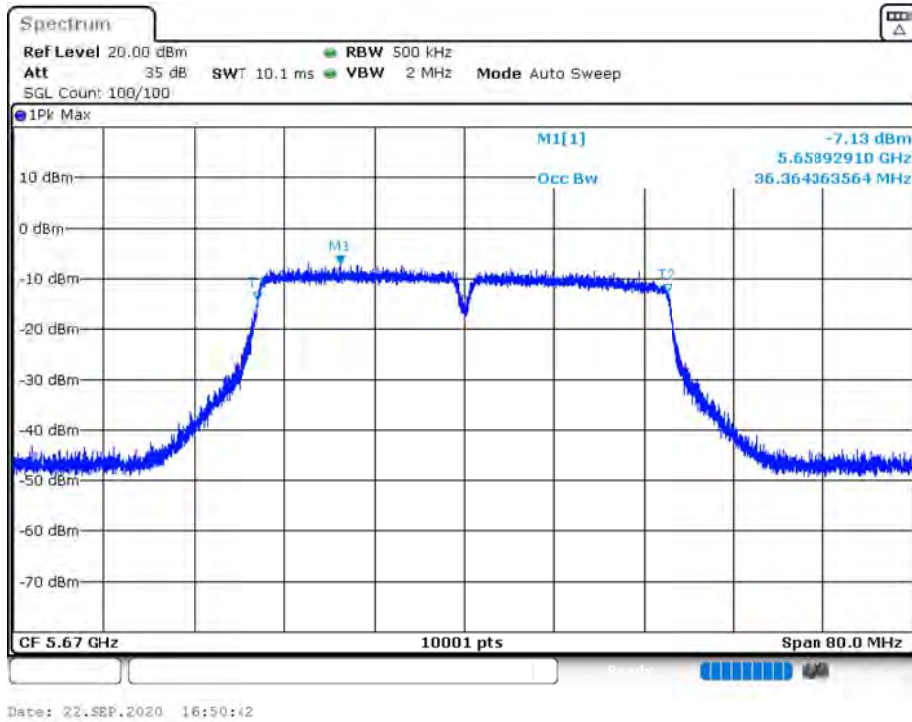
OBW NVNT 802.11ac40 5590MHz Ant1



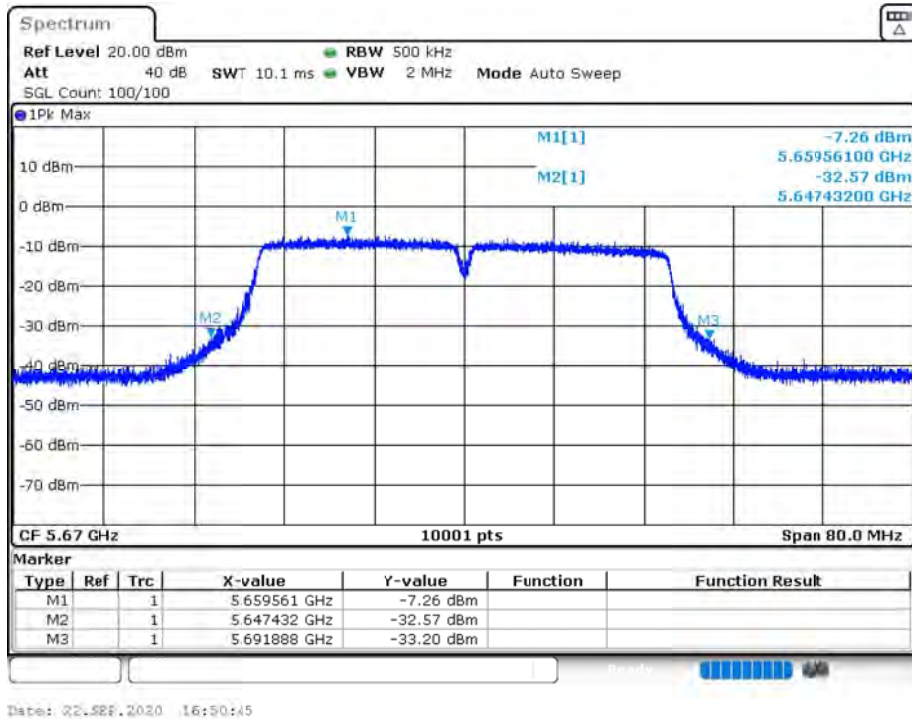
-26 dB BW NVNT 802.11ac40 5590MHz Ant1



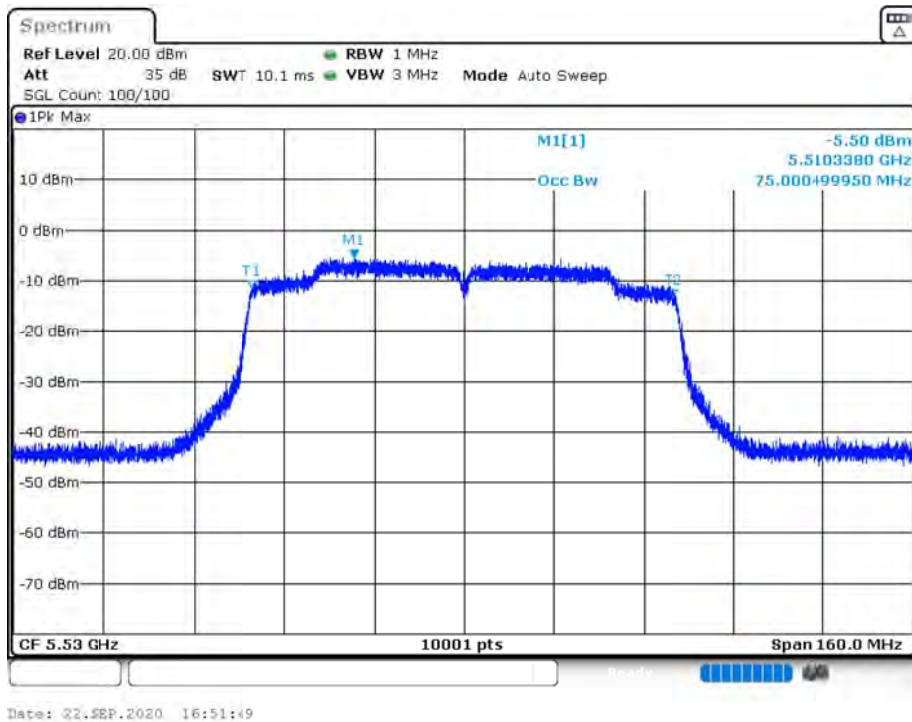
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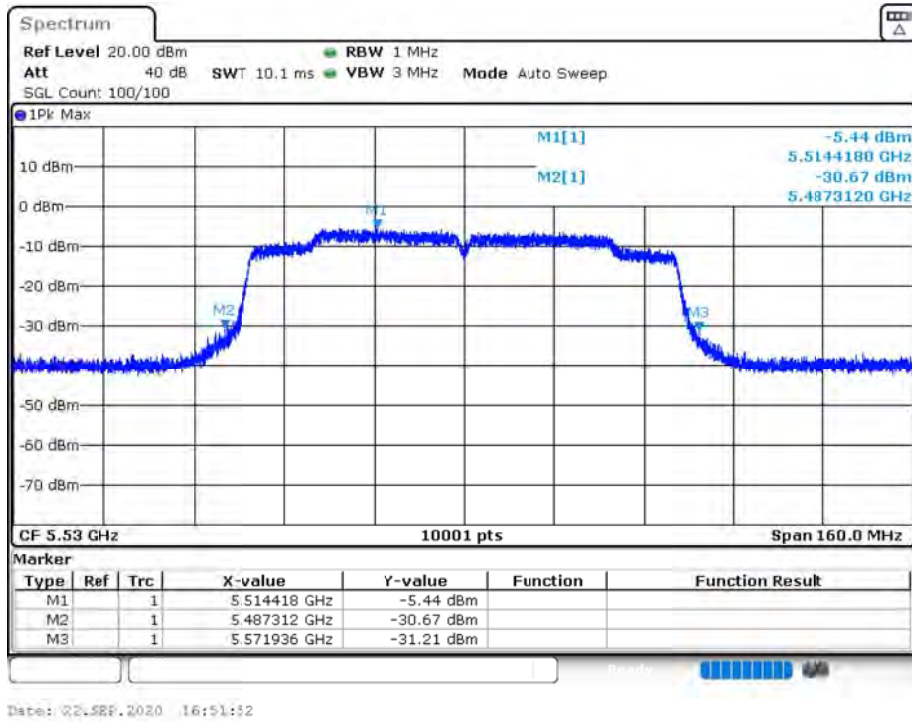
-26 dB BW NVNT 802.11ac40 5670MHz Ant1



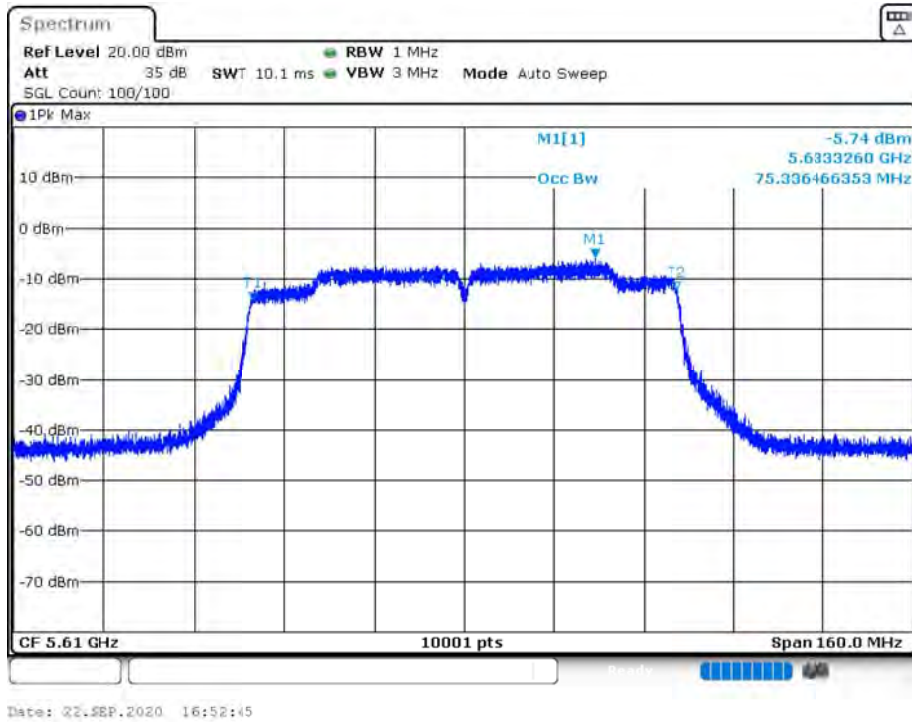
OBW NVNT 802.11ac80 5530MHz Ant1



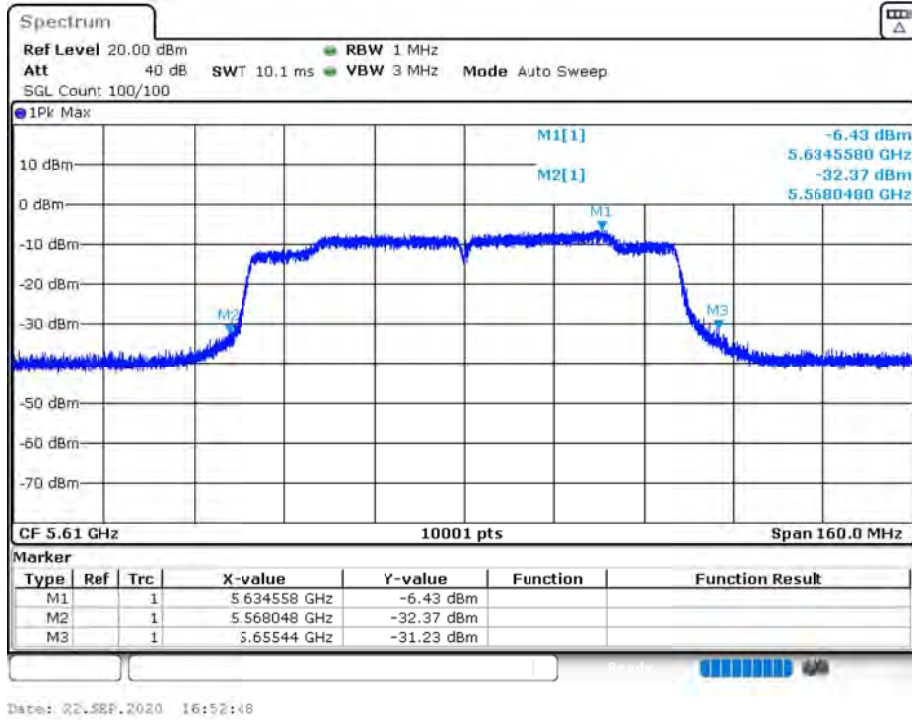
-26 dB BW NVNT 802.11ac80 5530MHz Ant1



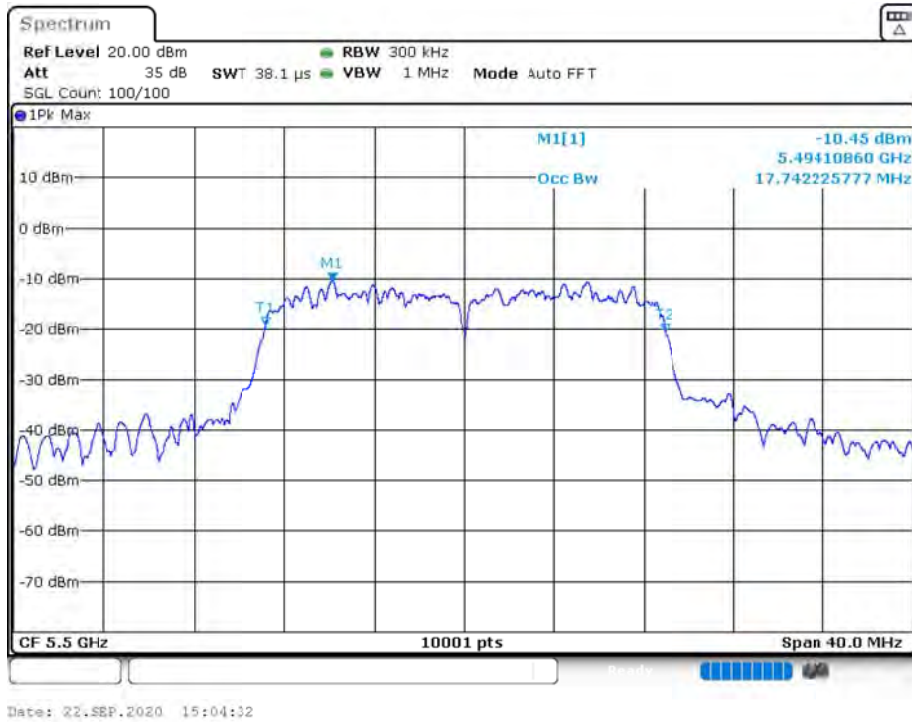
OBW NVNT 802.11ac80 5610MHz Ant1



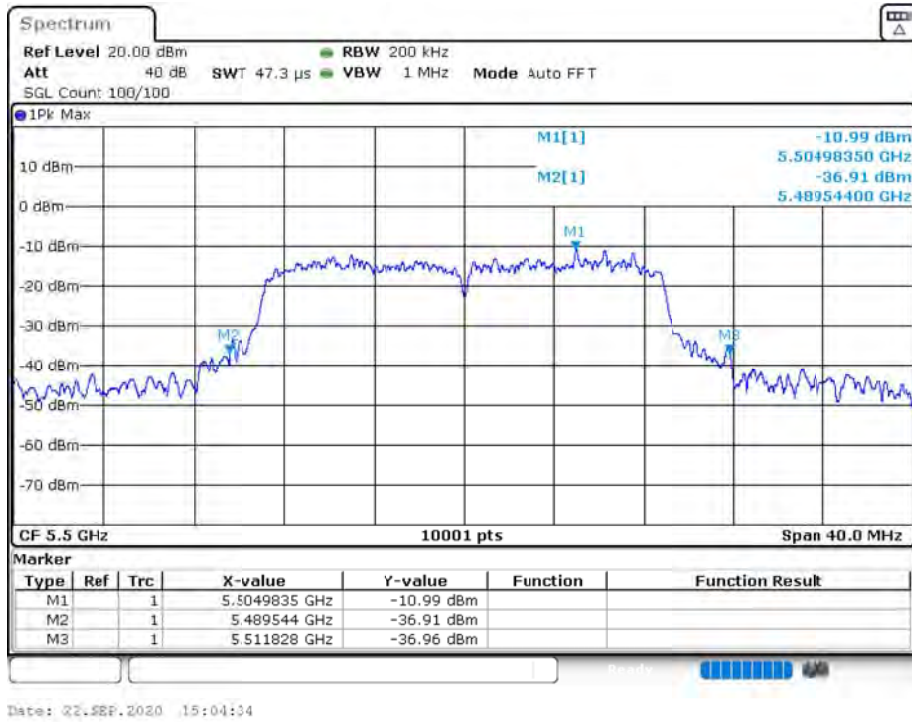
-26 dB BW NVNT 802.11ac80 5610MHz Ant1



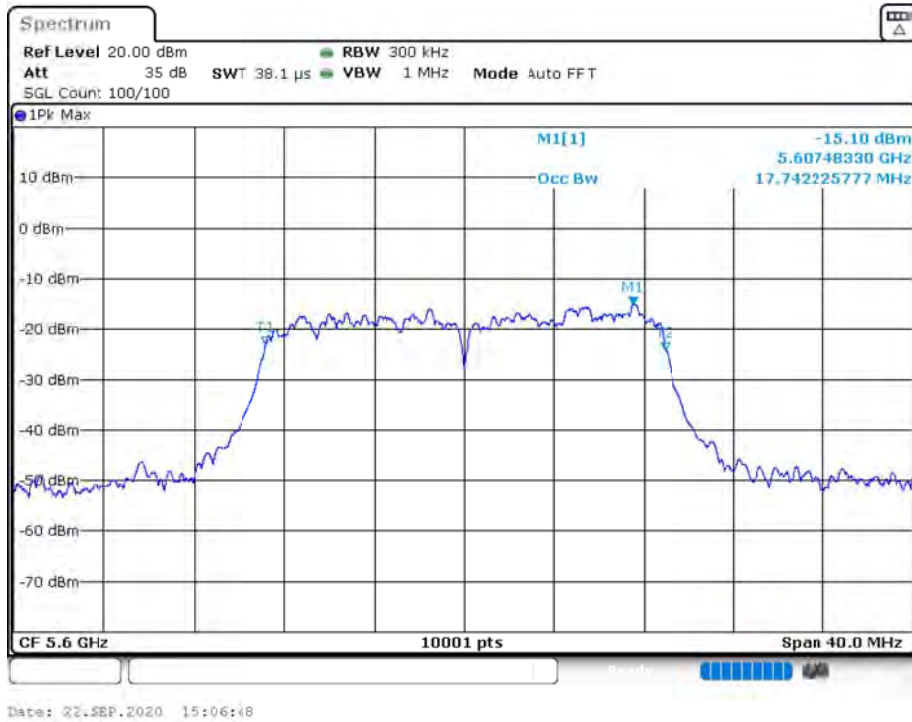
OBW NVNT 802.11n(HT20) 5500MHz Ant1



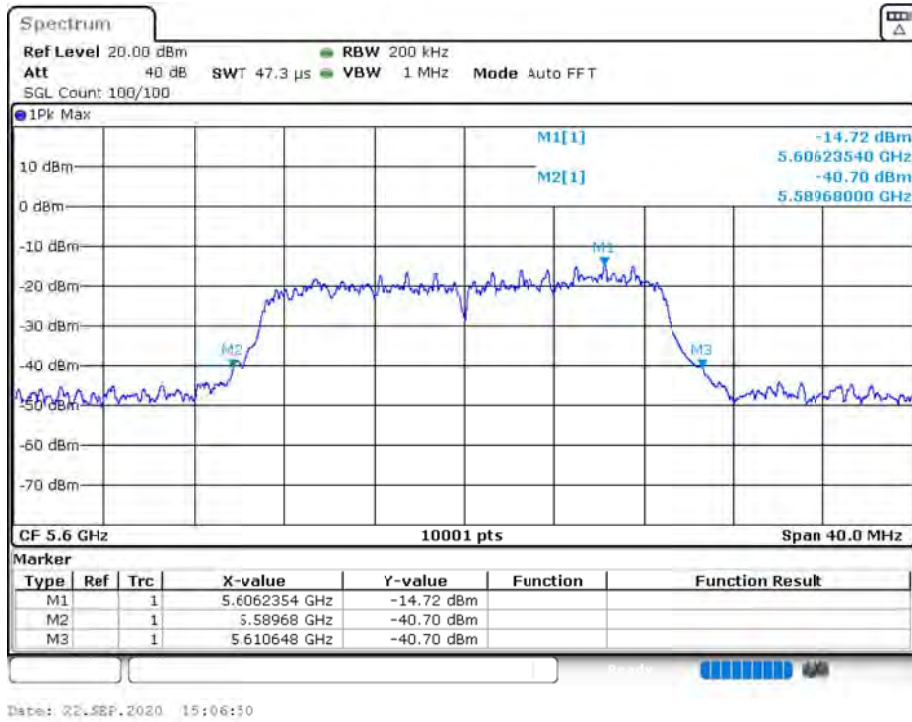
-26 dB BW NVNT 802.11n(HT20) 5500MHz Ant1



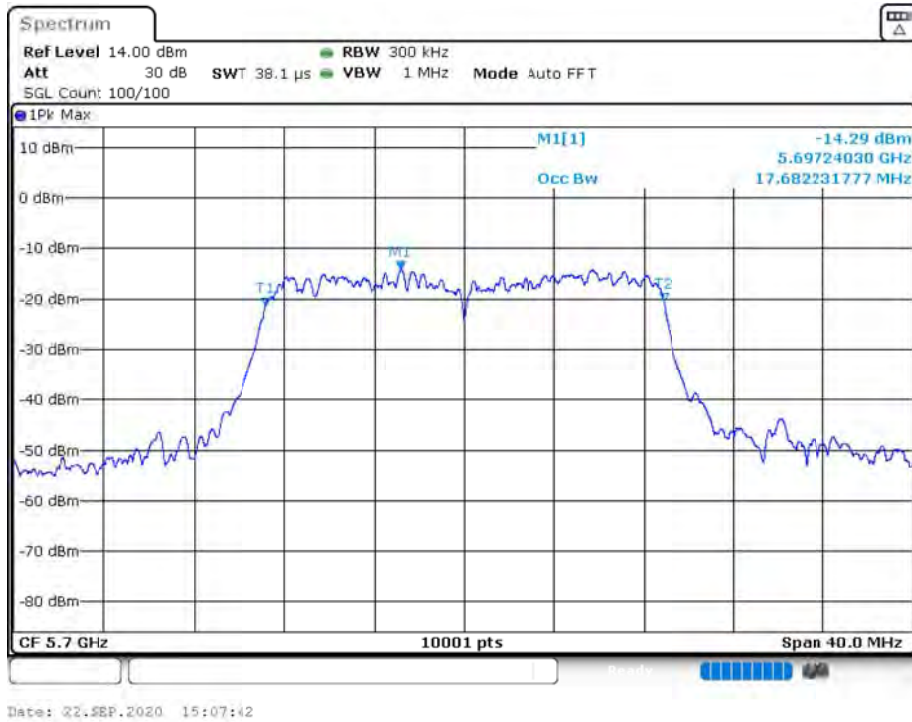
OBW NVNT 802.11n(HT20) 5600MHz Ant1



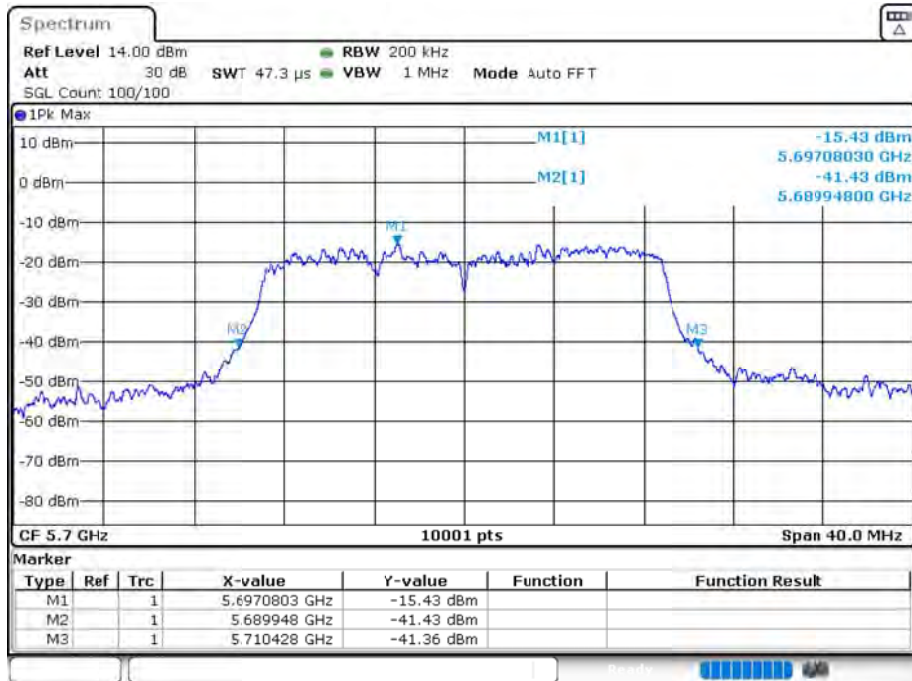
-26 dB BW NVNT 802.11n(HT20) 5600MHz Ant1



OBW NVNT 802.11n(HT20) 5700MHz Ant1

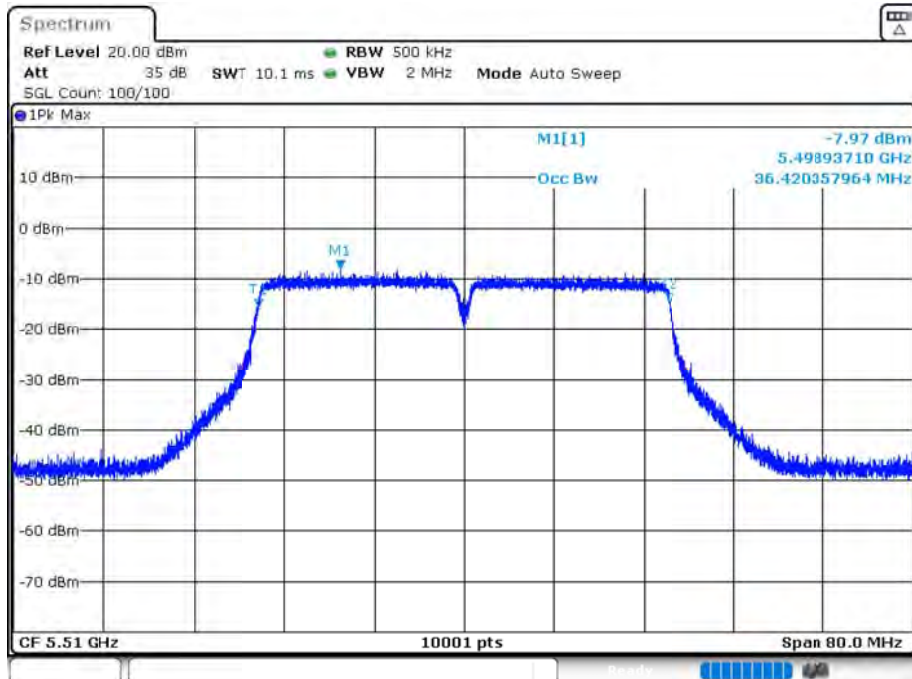


-26 dB BW NVNT 802.11n(HT20) 5700MHz Ant1



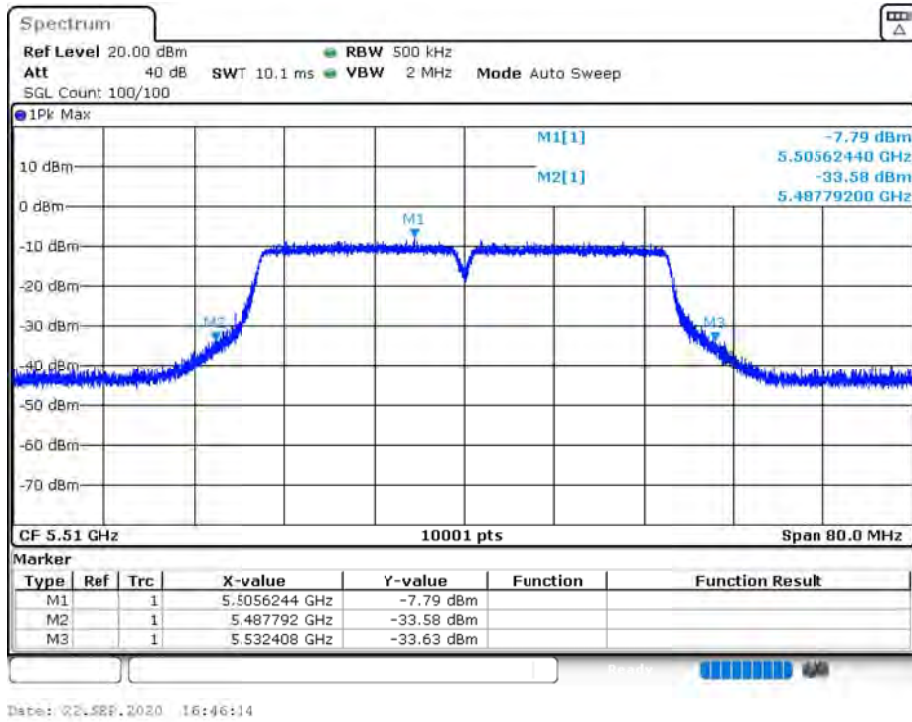
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OBW NVNT 802.11n(HT40) 5510MHz Ant1

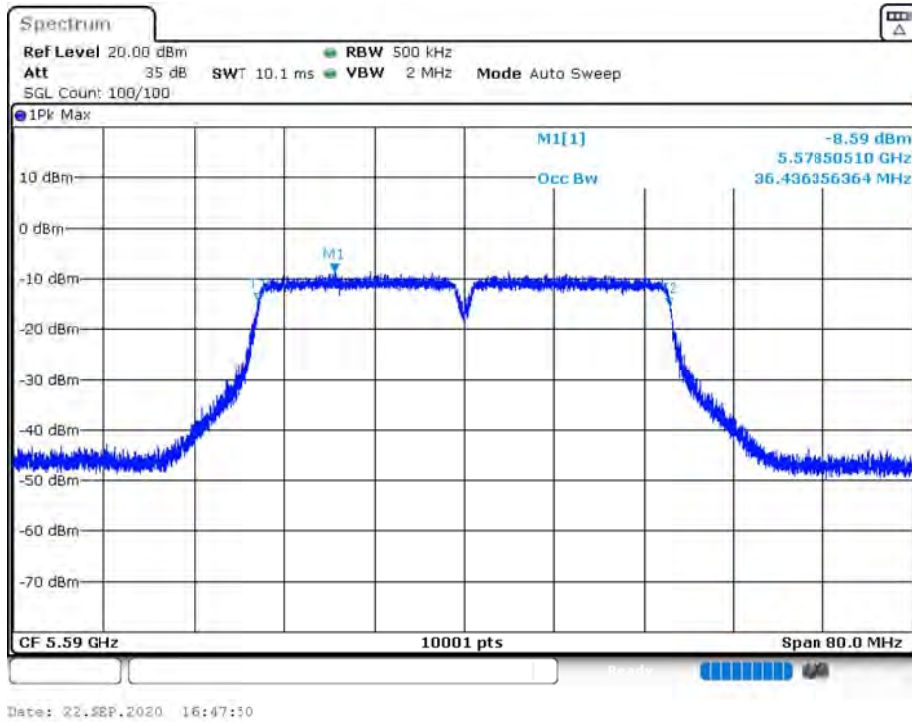


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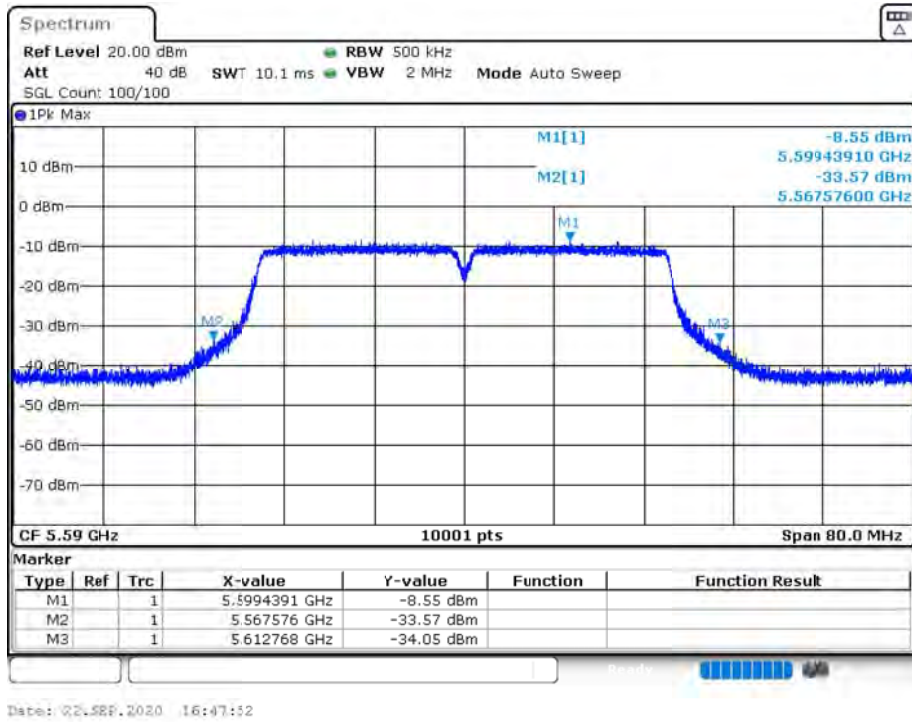
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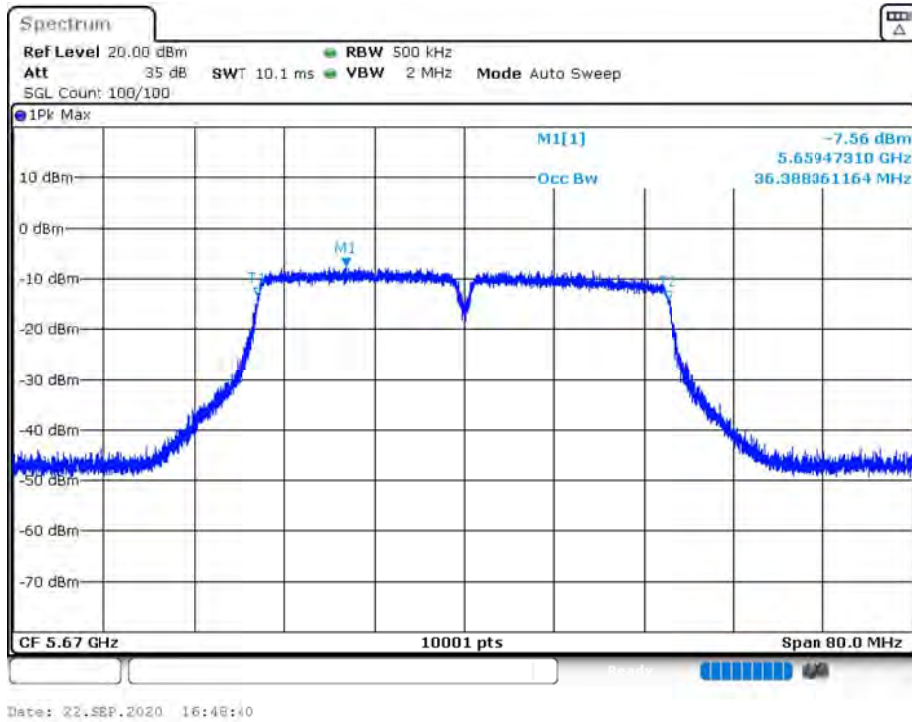
OBW NVNT 802.11n(HT40) 5590MHz Ant1



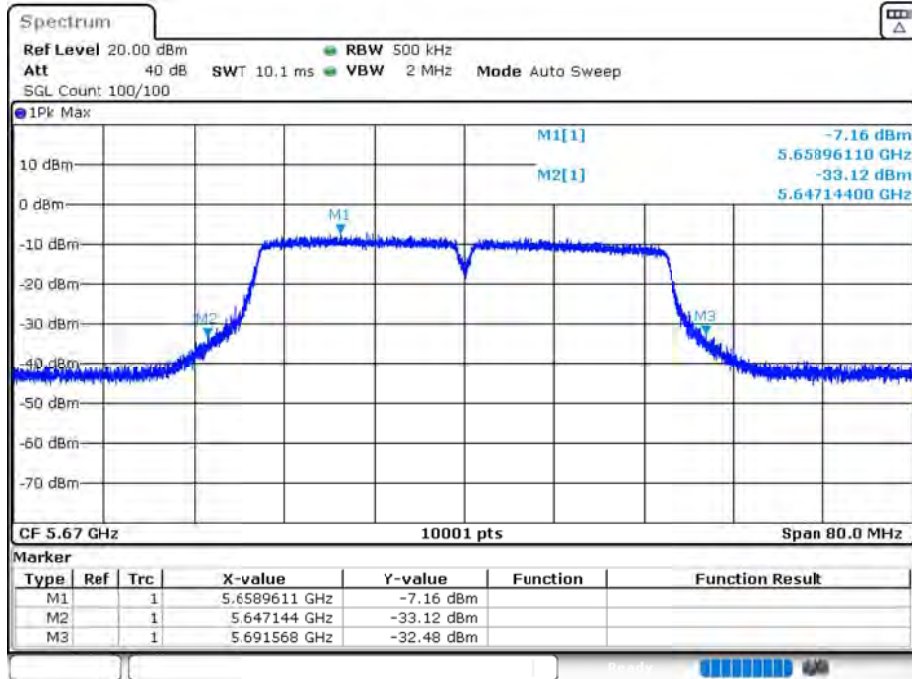
-26 dB BW NVNT 802.11n(HT40) 5590MHz Ant1



OBW NVNT 802.11n(HT40) 5670MHz Ant1



-26 dB BW NVNT 802.11n(HT40) 5670MHz Ant1



Date: 22 SEP 2020 16:48:42