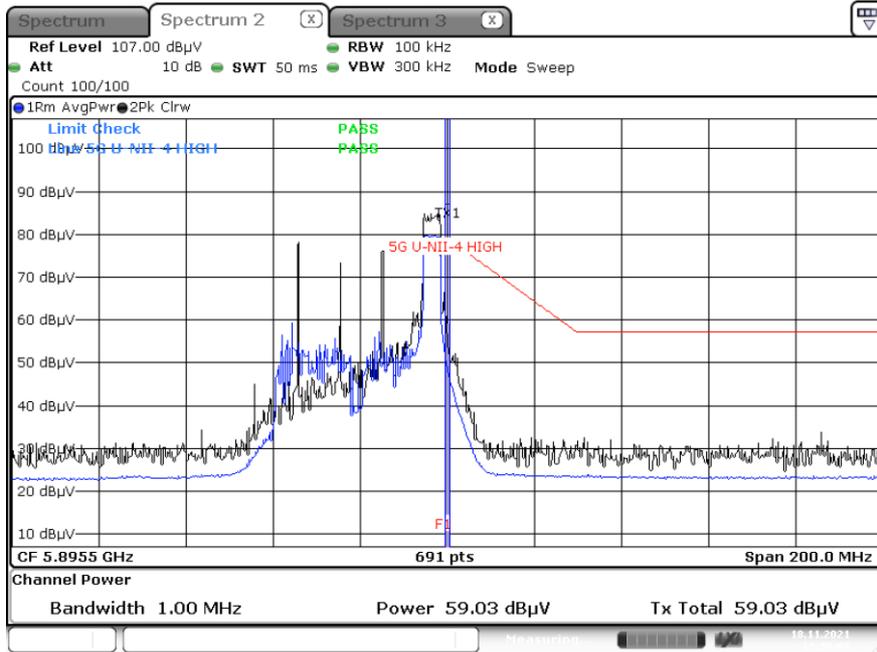


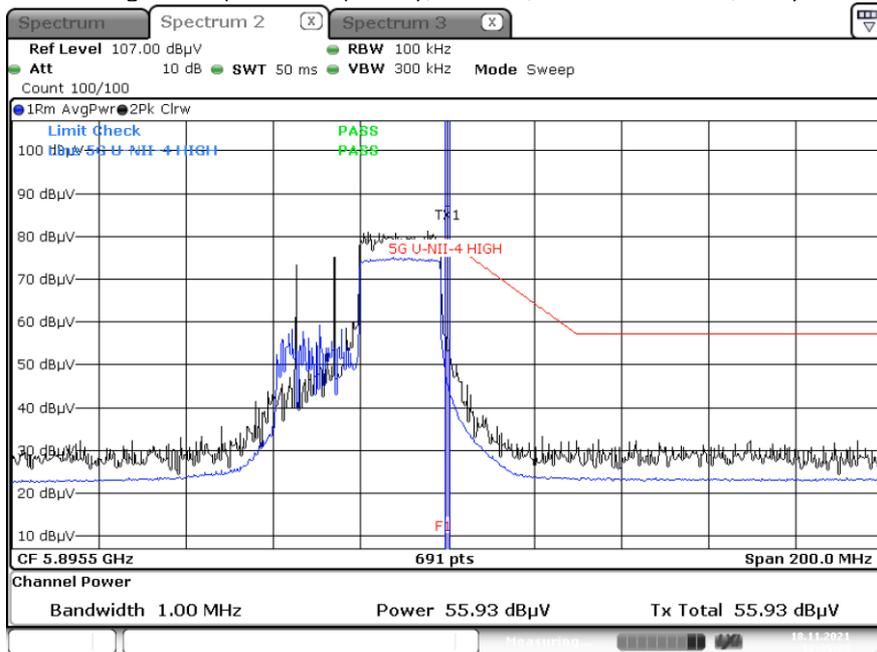
Avg result (802.11ax(HE40), Ch.175, 52 Tone RU44, X-H)



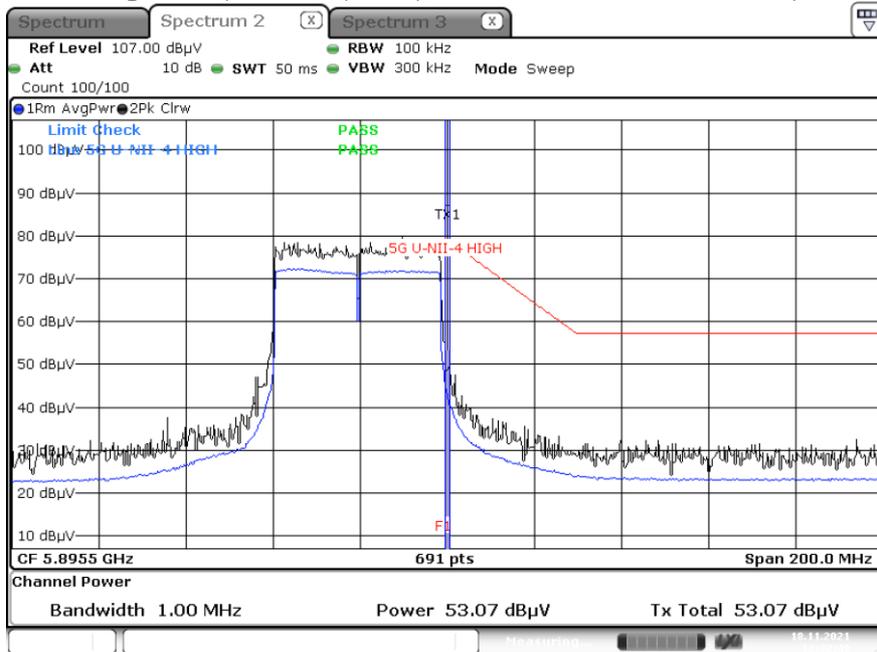
Avg result (802.11ax(HE40), Ch.175, 106 Tone RU56, X-H)



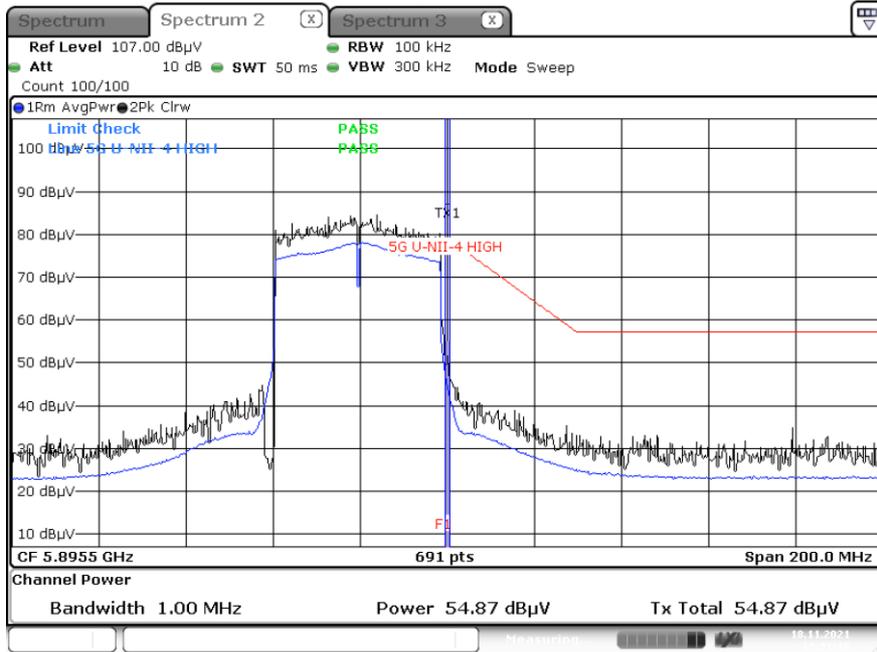
Avg result (802.11ax(HE40), Ch.175, 242 Tone RU62, X-H)



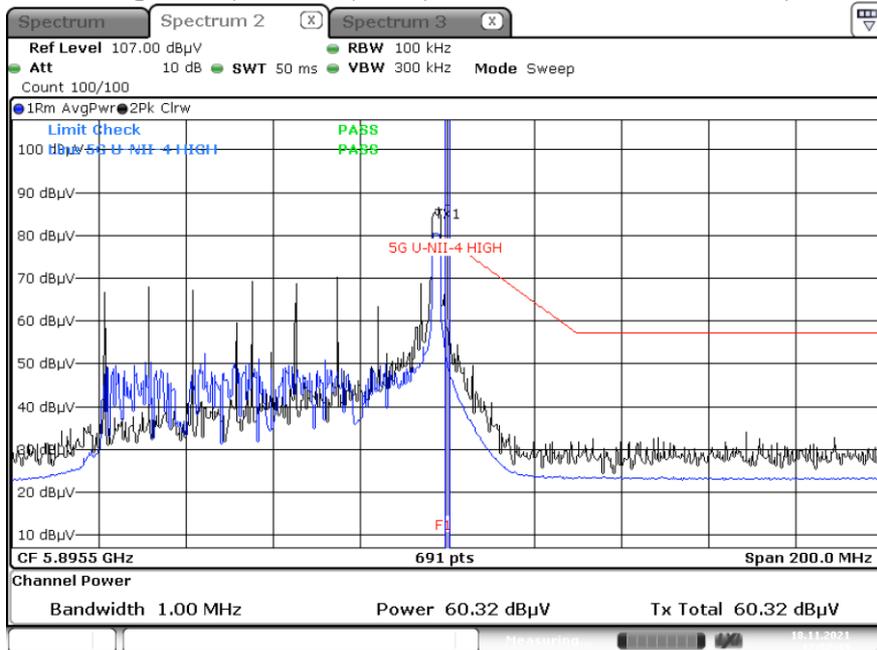
Avg result (802.11ax(HE40), Ch.175, 484 Tone RU65, X-H)



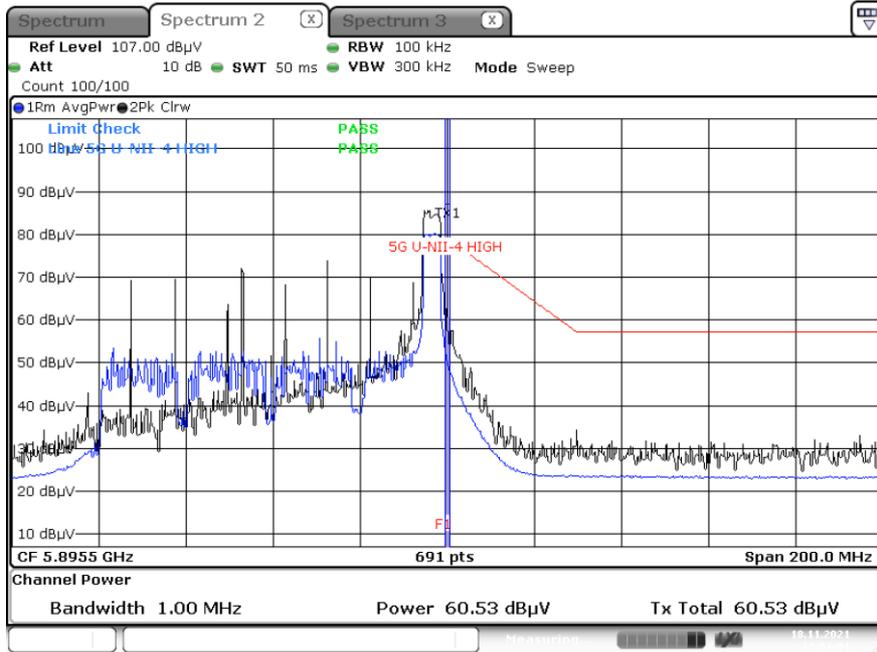
Avg result (802.11ax(HE40), Ch.175, SU, X-H)



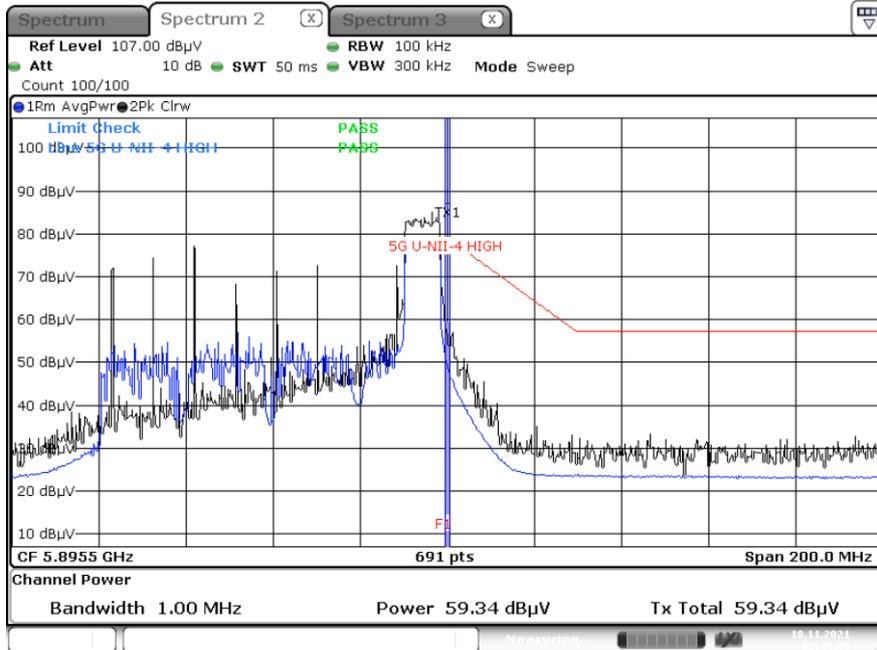
Avg result (802.11ax(HE80), Ch.171, 26 Tone RU36, X-H)



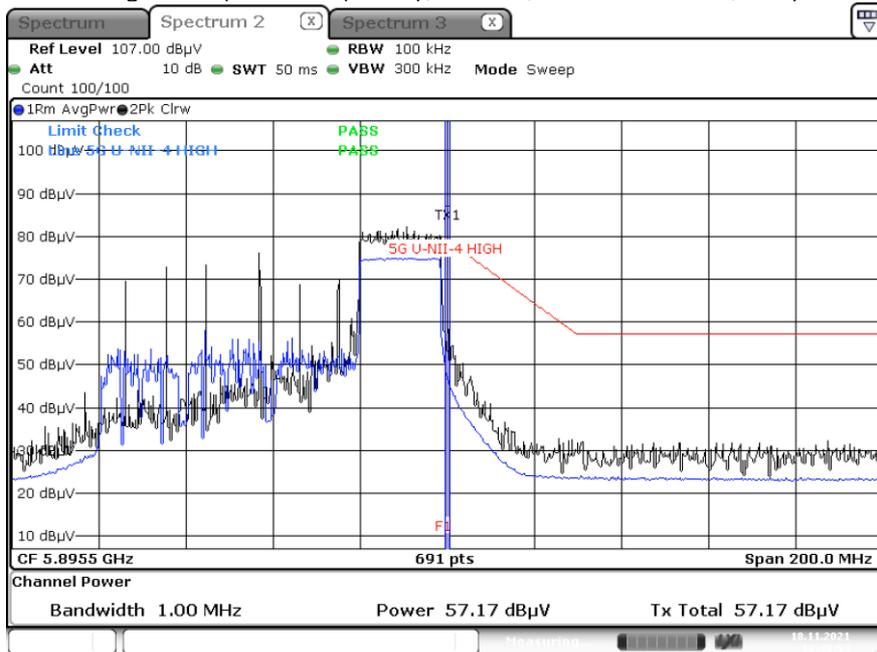
Avg result (802.11ax(HE80), Ch.171, 52 Tone RU52, X-H)



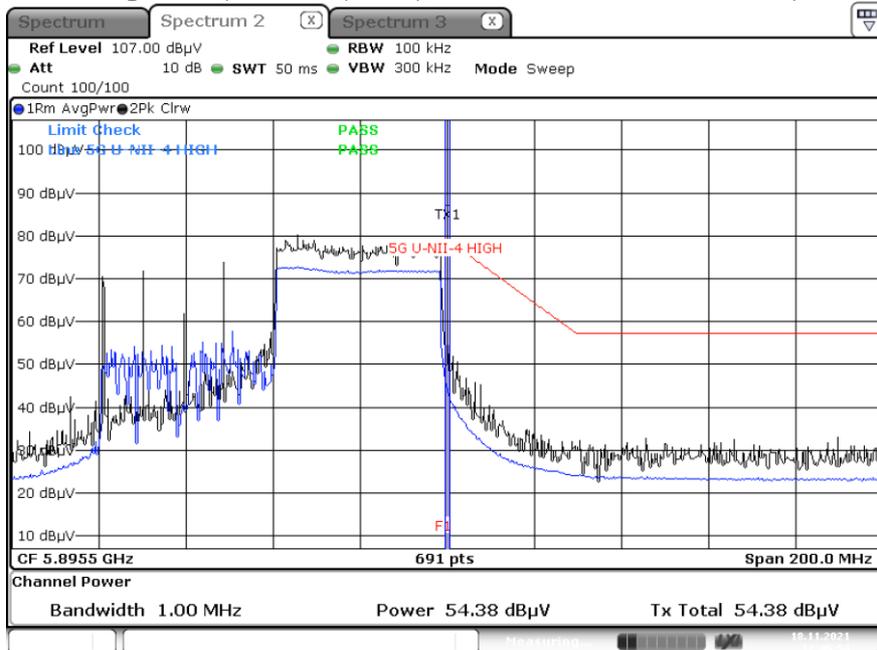
Avg result (802.11ax(HE80), Ch.171, 106 Tone RU60, X-H)



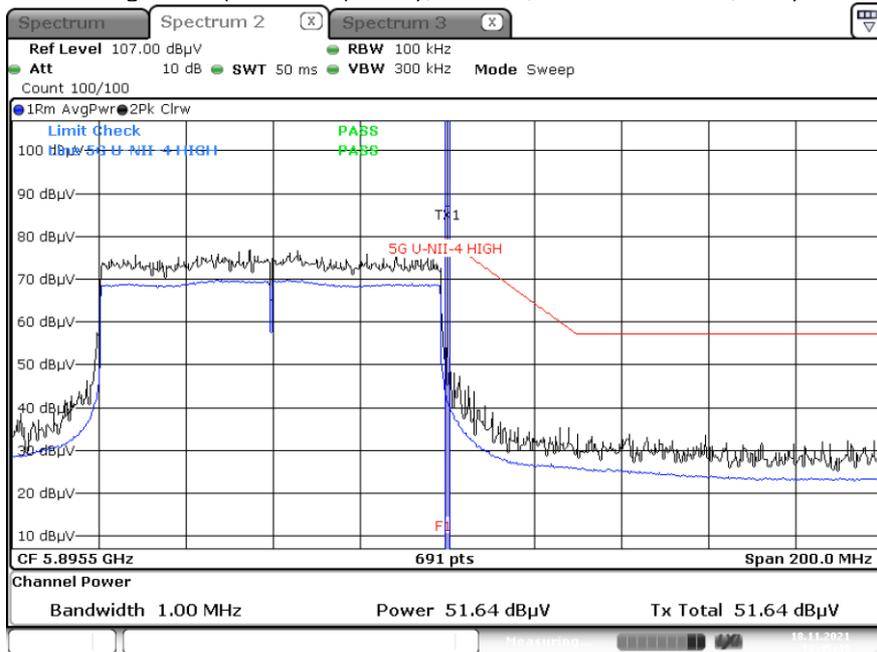
Avg result (802.11ax(HE80), Ch.171, 242 Tone RU64, X-H)



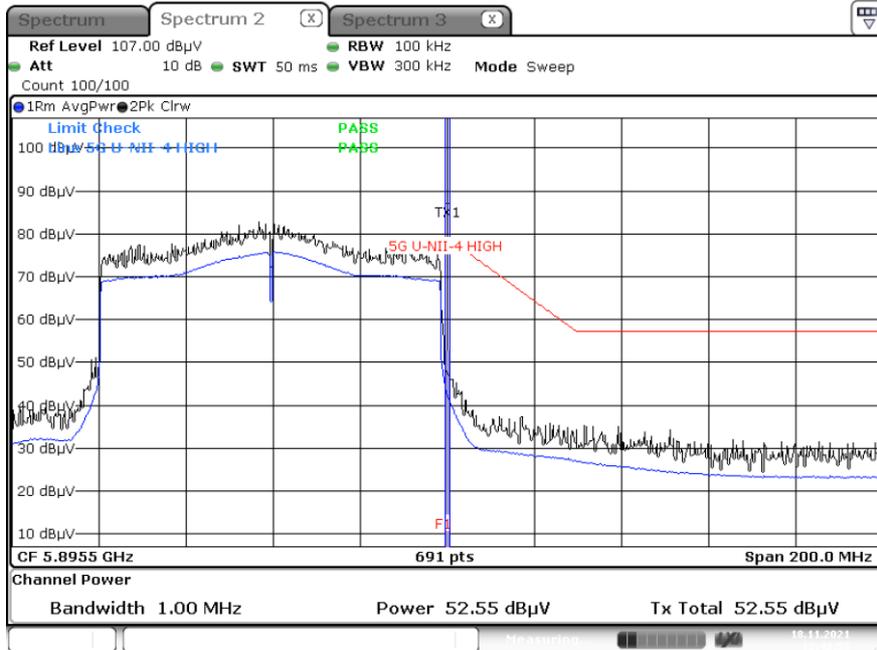
Avg result (802.11ax(HE80), Ch.171, 484 Tone RU66, X-H)



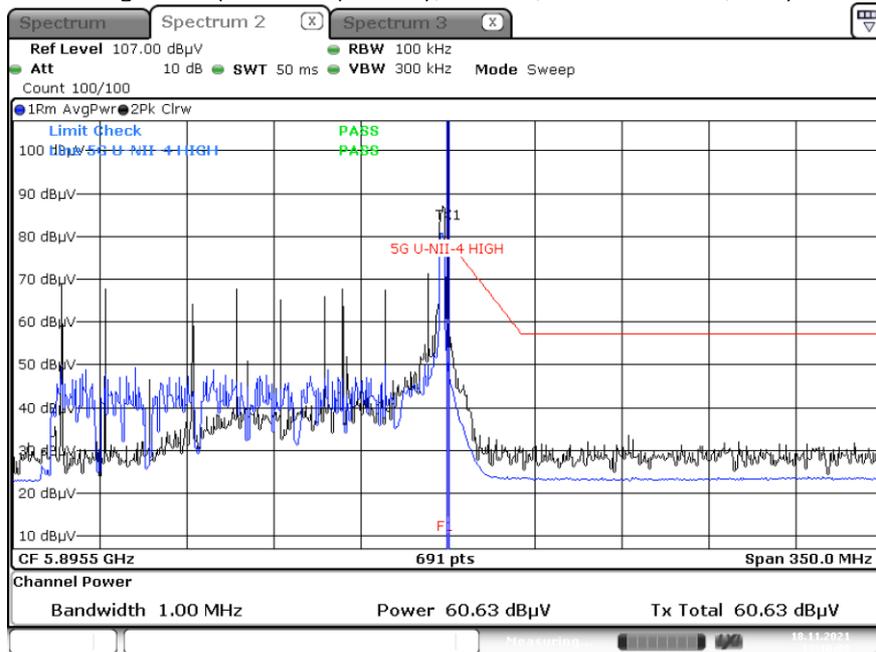
Avg result (802.11ax(HE80), Ch.171, 996 Tone RU67, X-H)



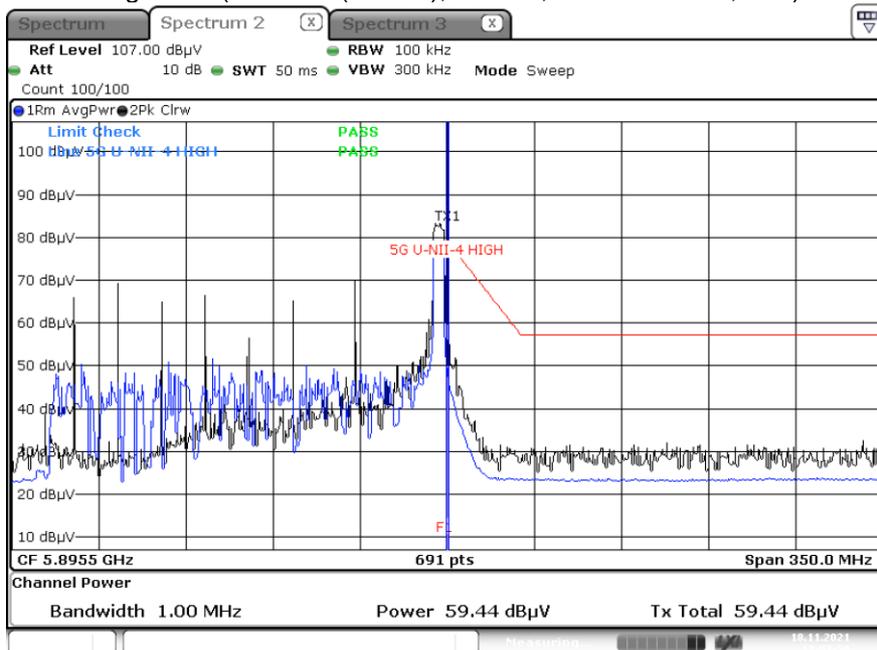
Avg result (802.11ax(HE80), Ch.171, SU, X-H)



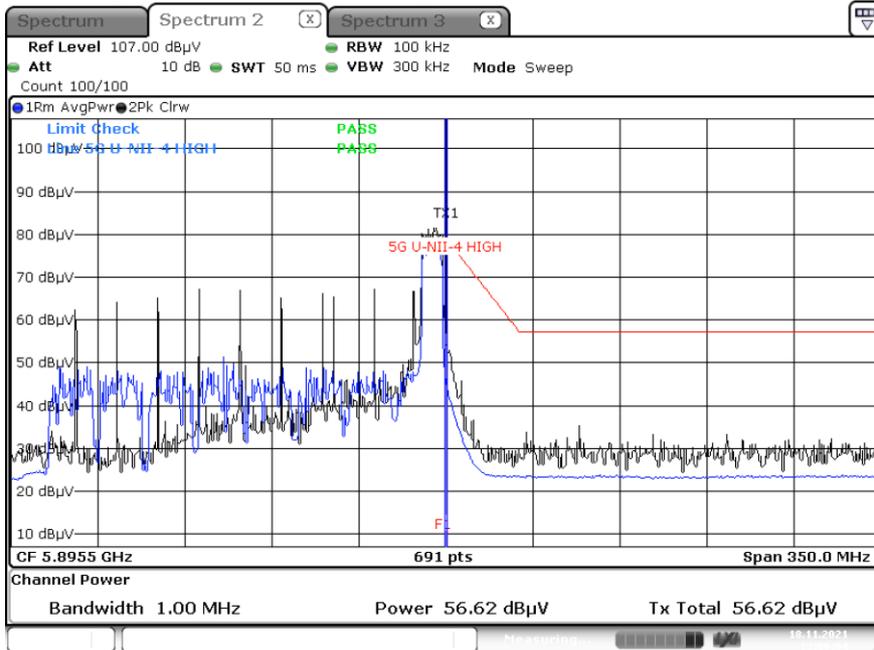
Avg result (802.11ax(HE160), Ch.163, 26 Tone RU36, X-H)



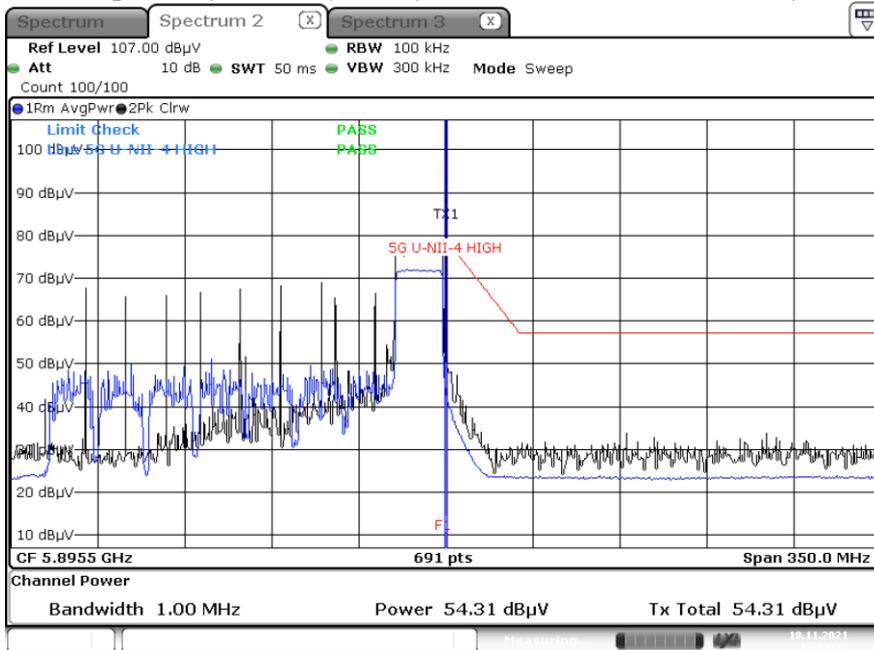
Avg result (802.11ax(HE160), Ch.163, 52 Tone RU52, X-H)



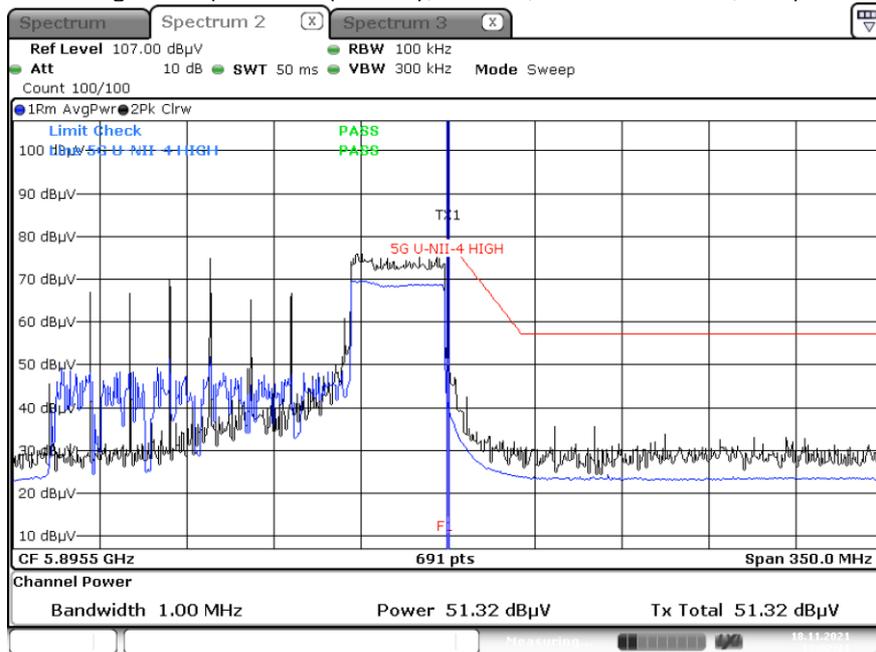
Avg result (802.11ax(HE160), Ch.163, 106 Tone RU60, X-H)



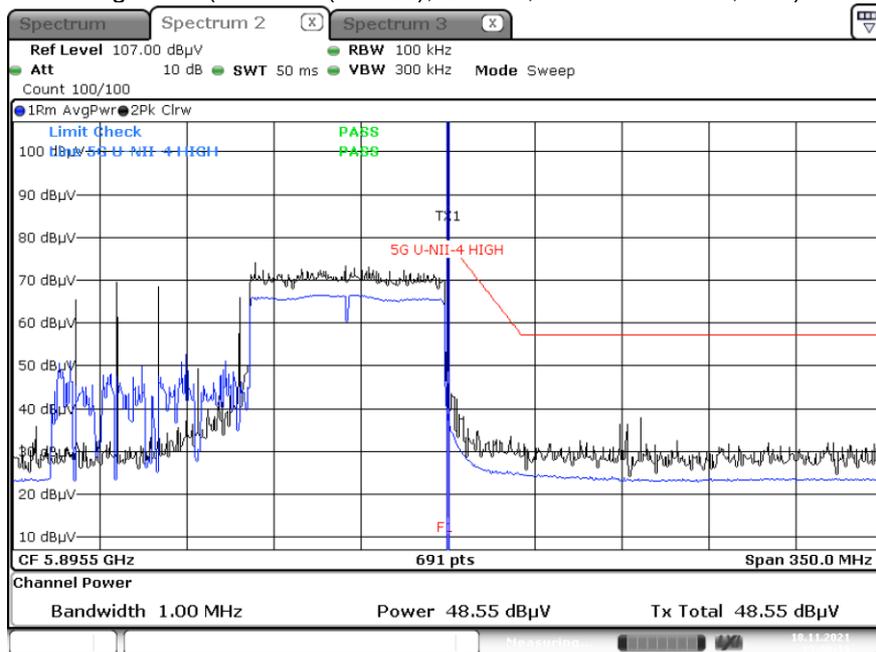
Avg result (802.11ax(HE160), Ch.163, 242 Tone RU64, X-H)

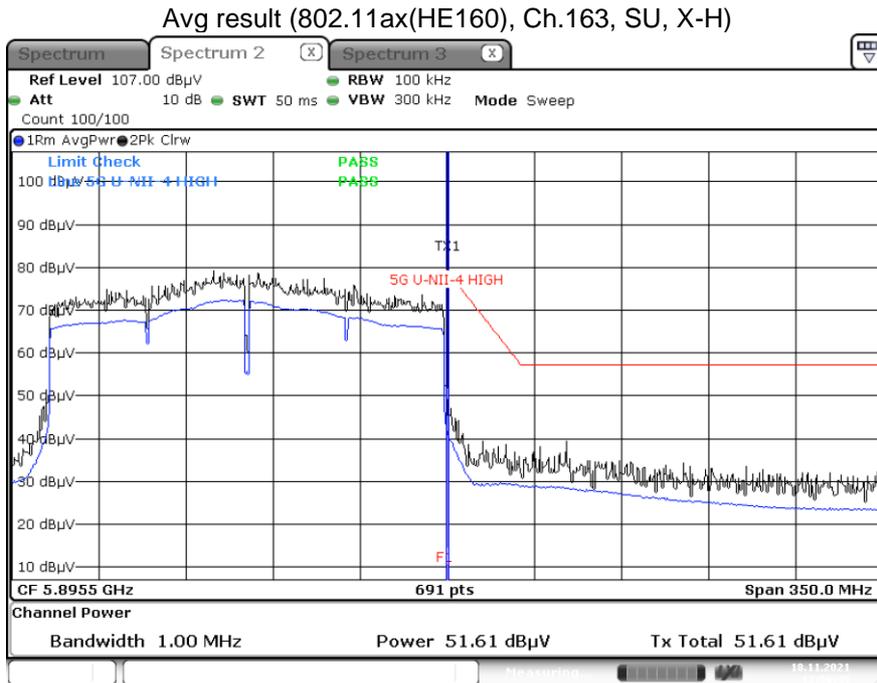


Avg result (802.11ax(HE160), Ch.163, 484 Tone RU66, X-H)



Avg result (802.11ax(HE160), Ch.163, 996 Tone RU67, X-H)



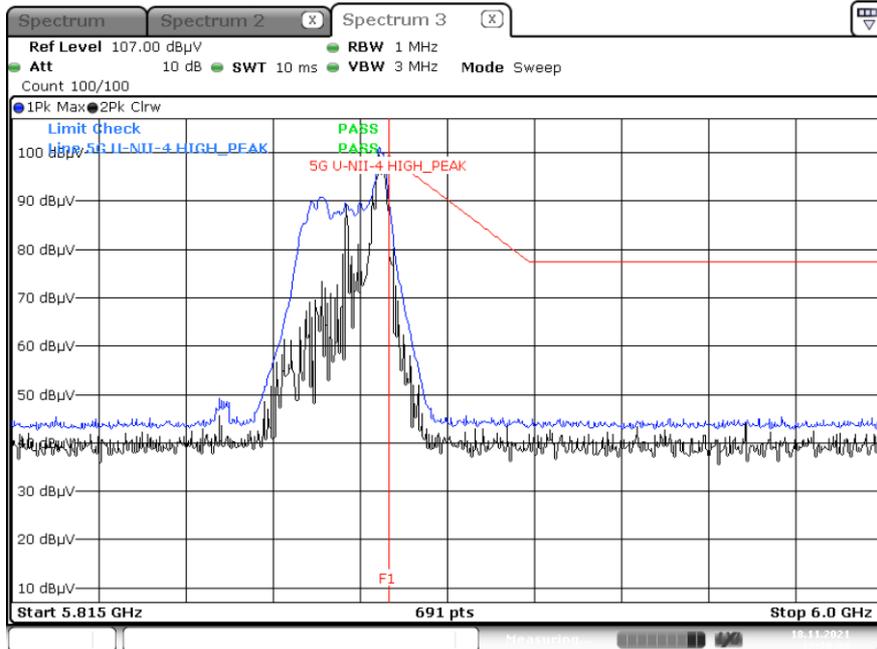


Note :

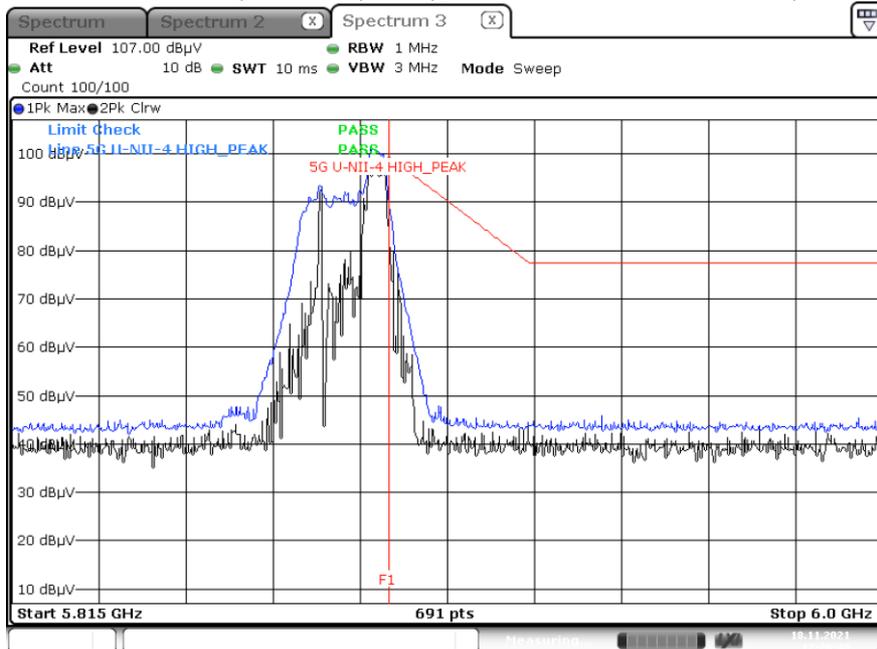
1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit about factor value compensation.

[Peak result]

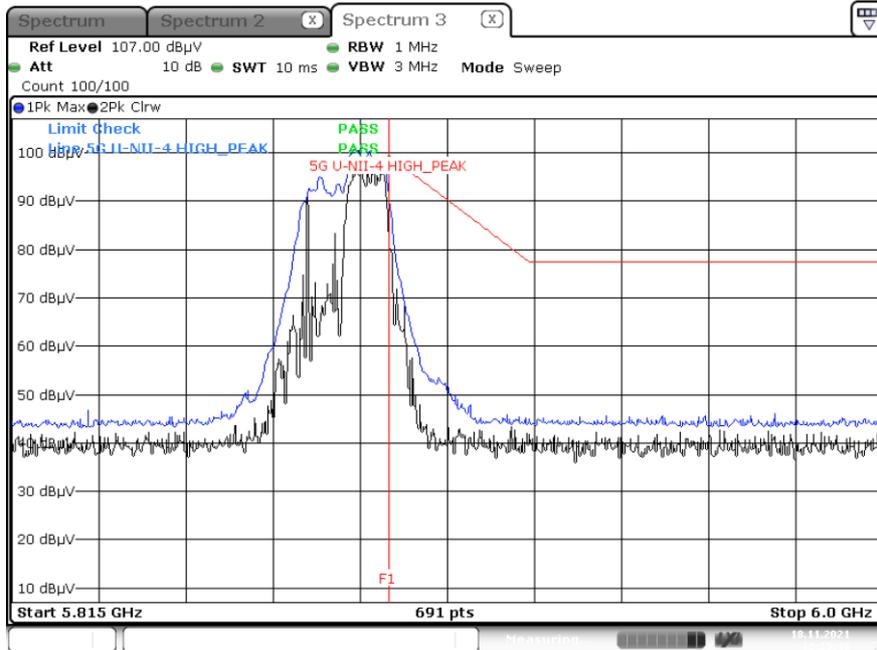
Peak result (802.11ax(HE20), Ch.177, 26 Tone RU8, X-H)



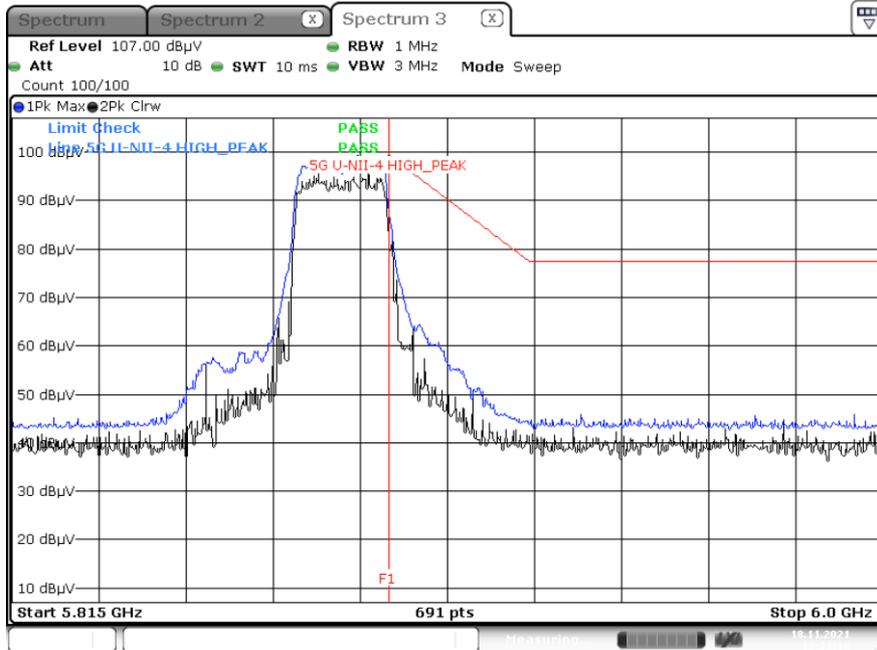
Peak result (802.11ax(HE20), Ch.177, 52 Tone RU40, X-H)



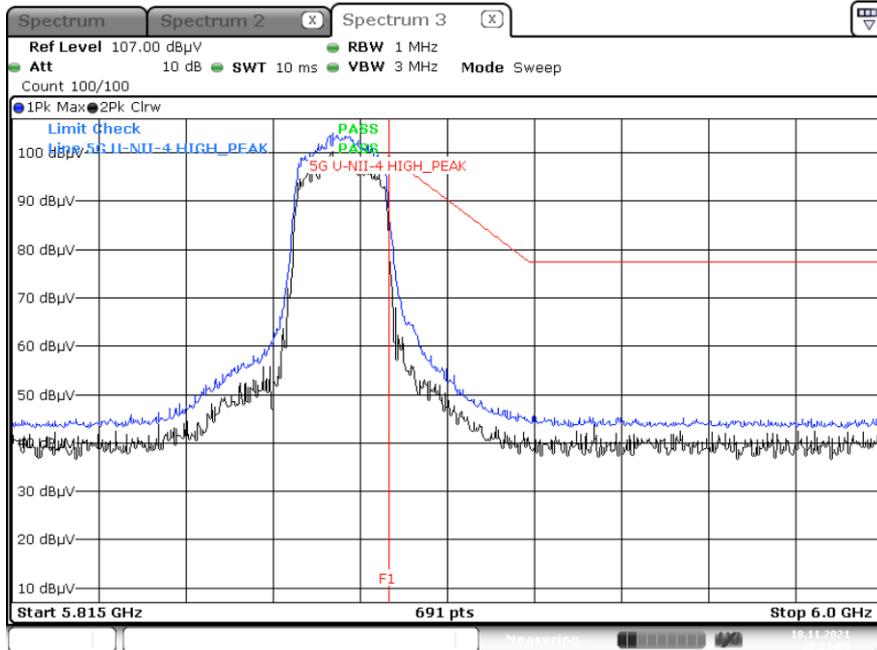
Peak result (802.11ax(HE20), Ch.177, 106 Tone RU54, X-H)



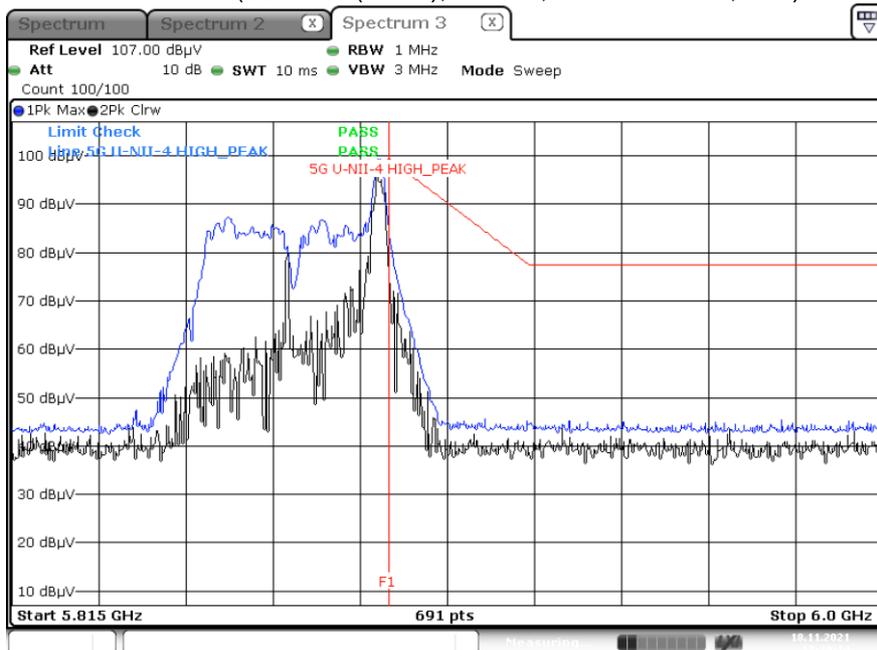
Peak result (802.11ax(HE20), Ch.177, 242 Tone RU61, X-H)



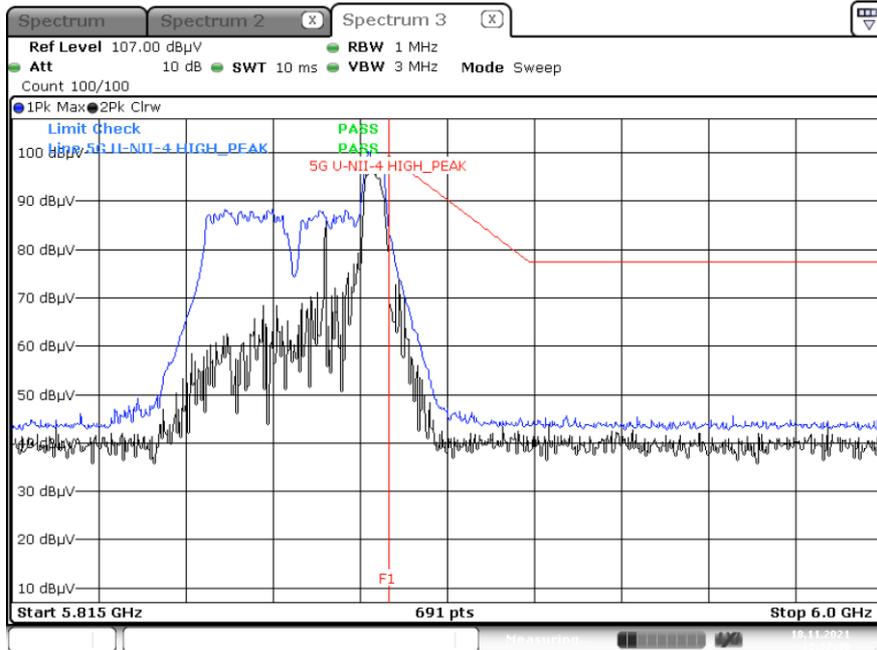
Peak result (802.11ax(HE20), Ch.177, SU, X-H)



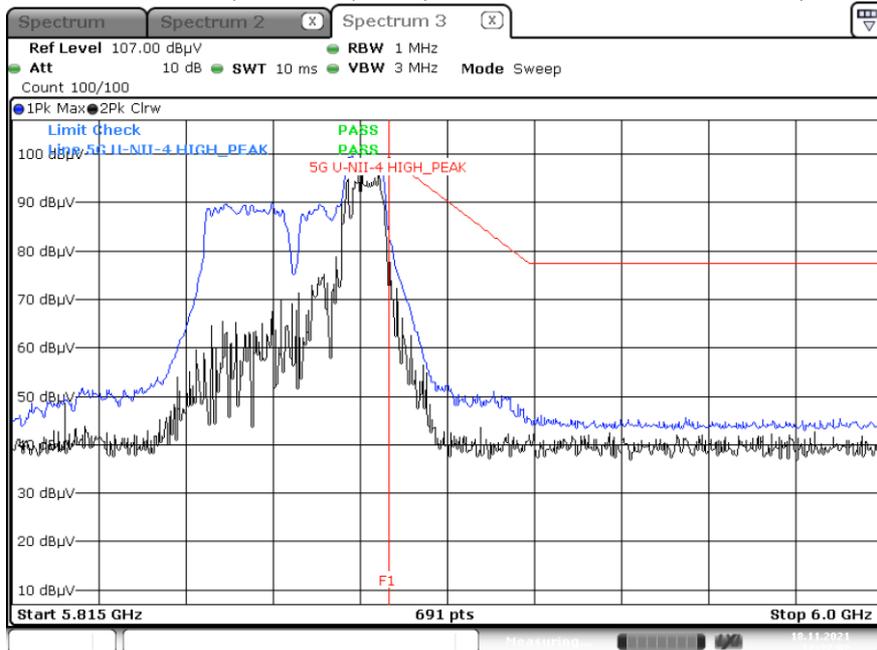
Peak result (802.11ax(HE40), Ch.175, 26 Tone RU17, X-H)



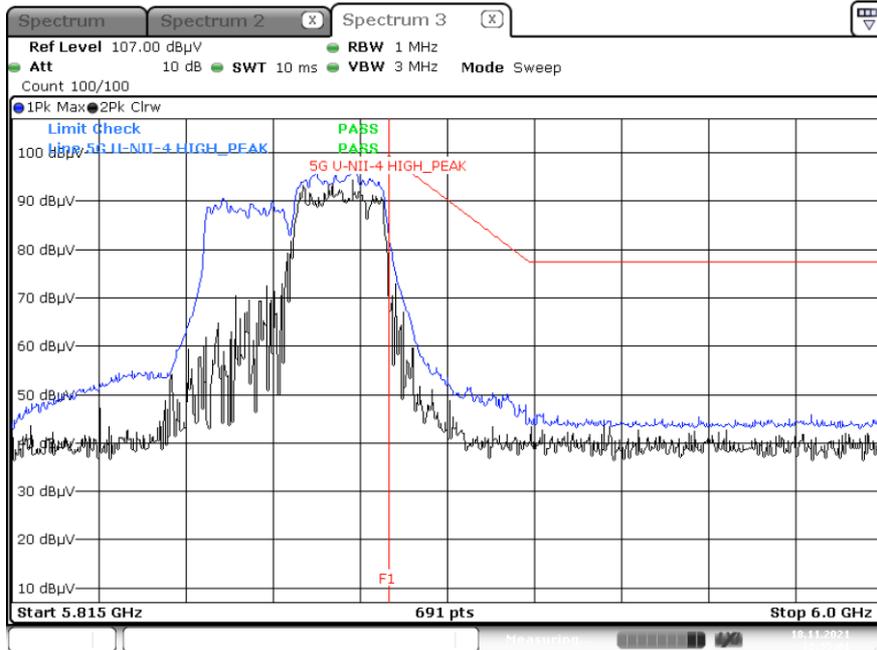
Peak result (802.11ax(HE40), Ch.175, 52 Tone RU44, X-H)



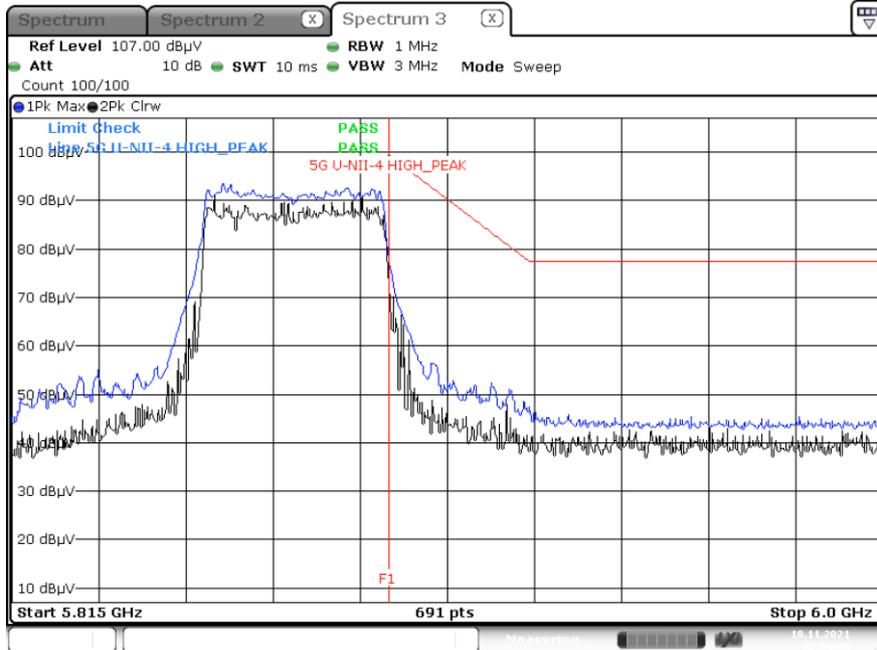
Peak result (802.11ax(HE40), Ch.175, 106 Tone RU56, X-H)



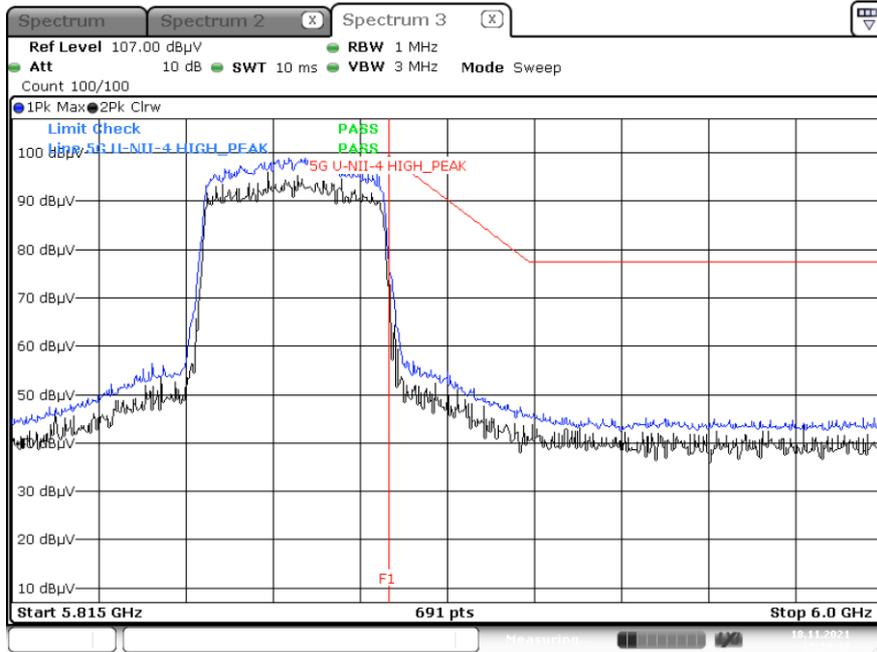
Peak result (802.11ax(HE40), Ch.175, 242 Tone RU62, X-H)



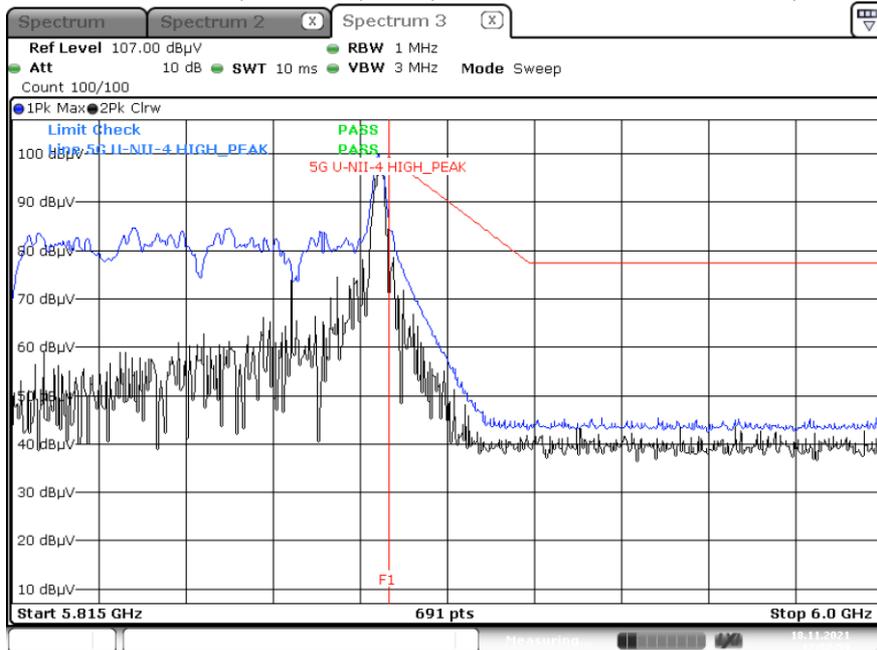
Peak result (802.11ax(HE40), Ch.175, 484 Tone RU65, X-H)



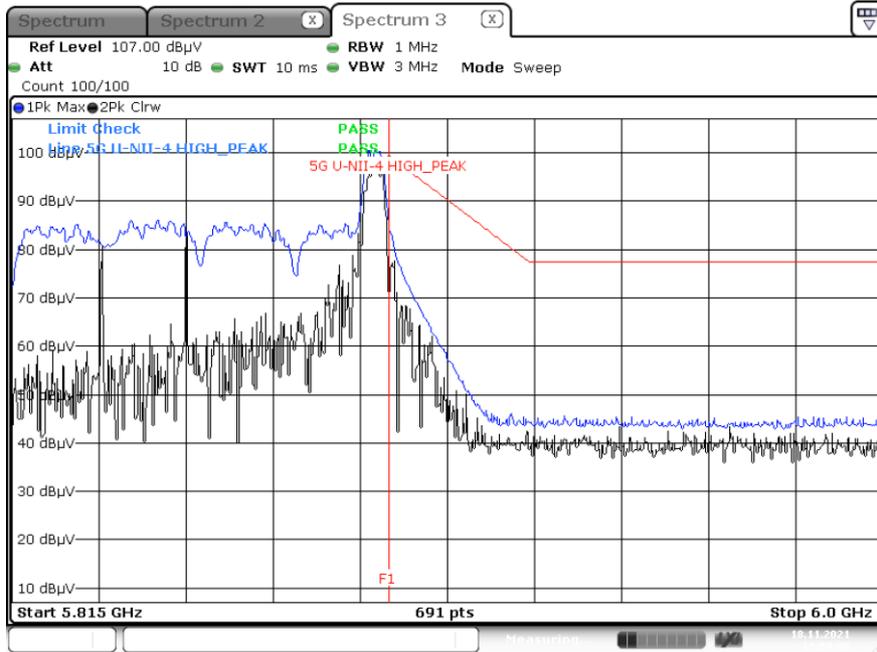
Peak result (802.11ax(HE40), Ch.175, SU, X-H)



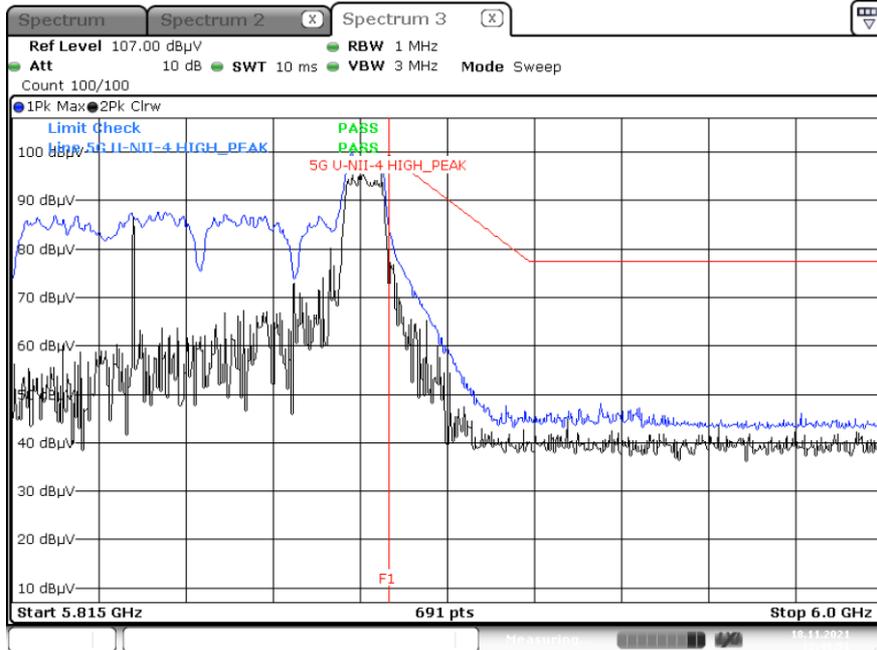
Peak result (802.11ax(HE80), Ch.171, 26 Tone RU36, X-H)



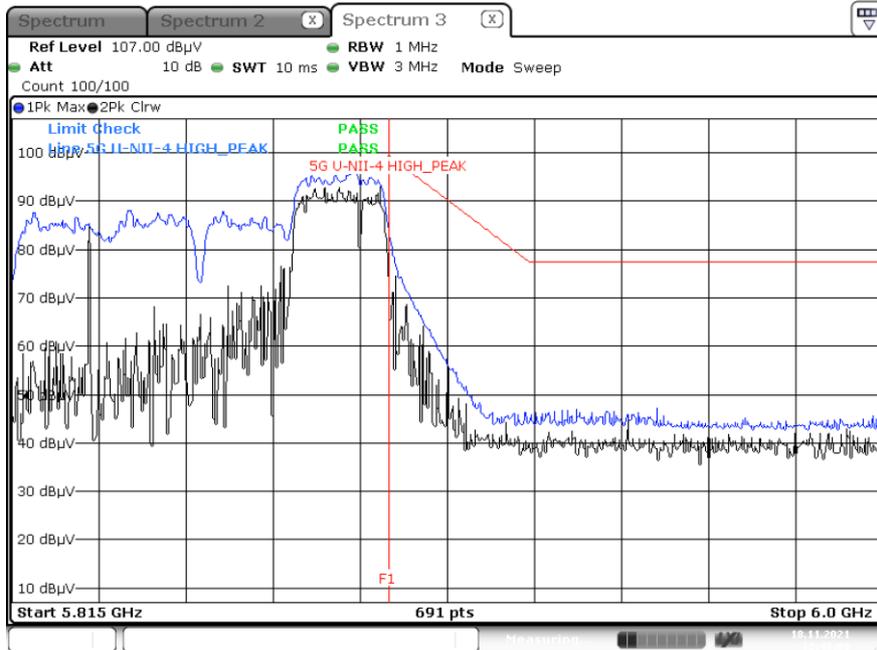
Peak result (802.11ax(HE80), Ch.171, 52 Tone RU52, X-H)



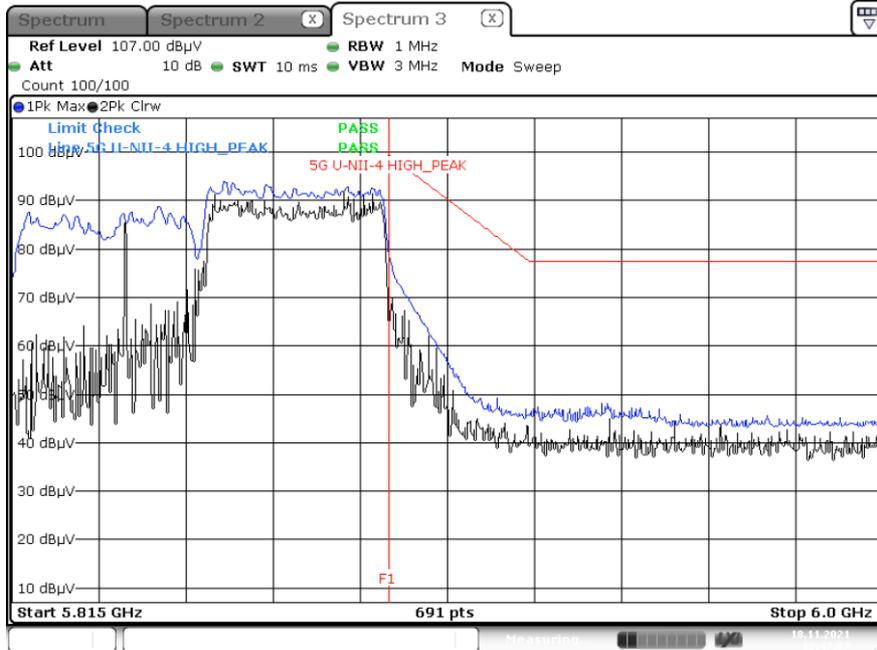
Peak result (802.11ax(HE80), Ch.171, 106 Tone RU60, X-H)



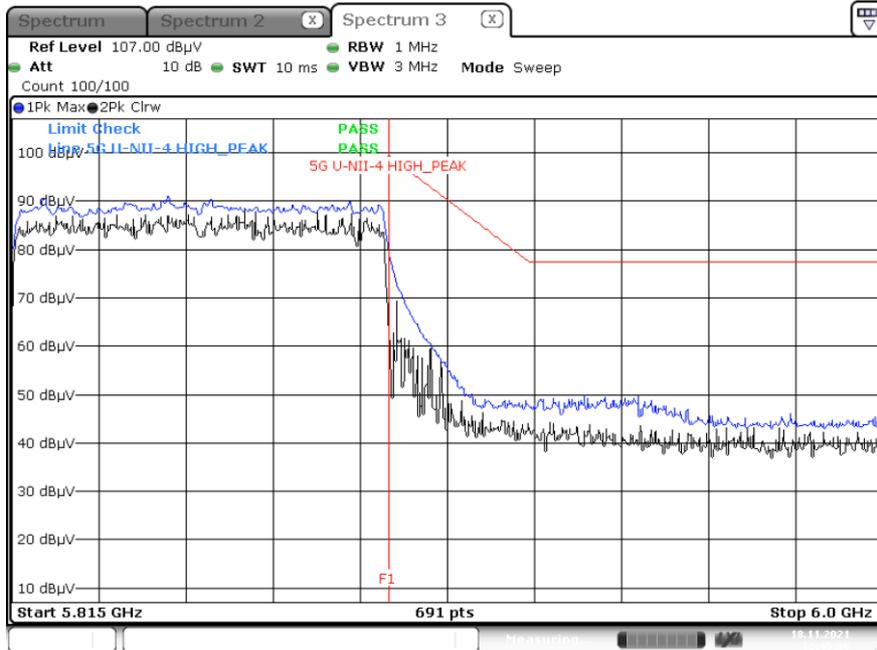
Peak result (802.11ax(HE80), Ch.171, 242 Tone RU64, X-H)



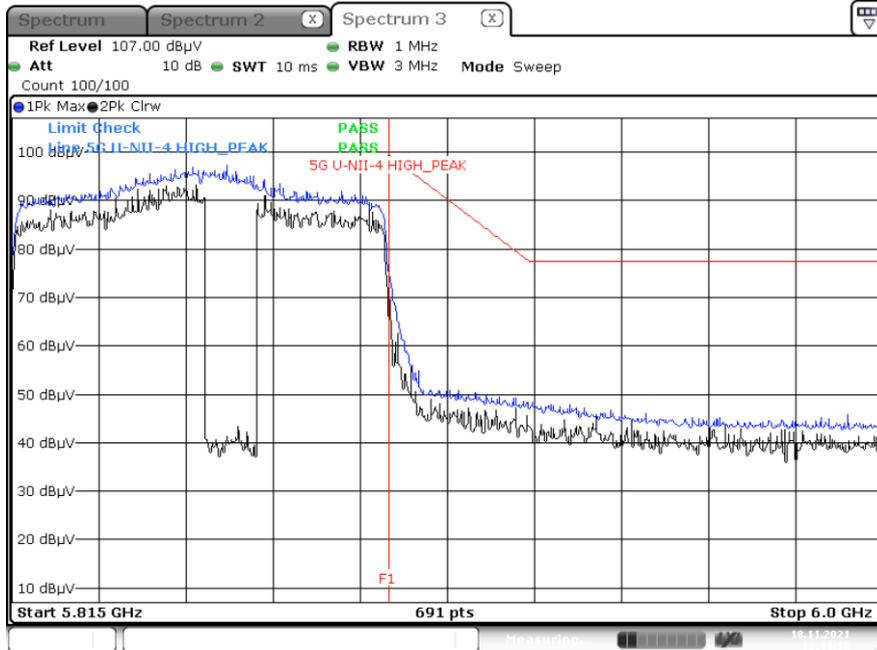
Peak result (802.11ax(HE80), Ch.171, 484 Tone RU66, X-H)



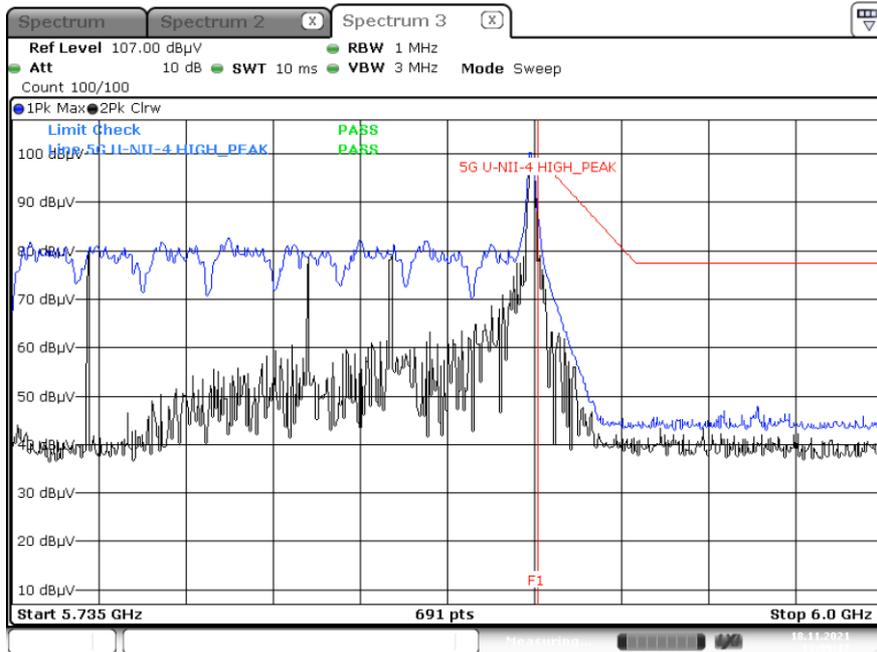
Peak result (802.11ax(HE80), Ch.171, 996 Tone RU67, X-H)



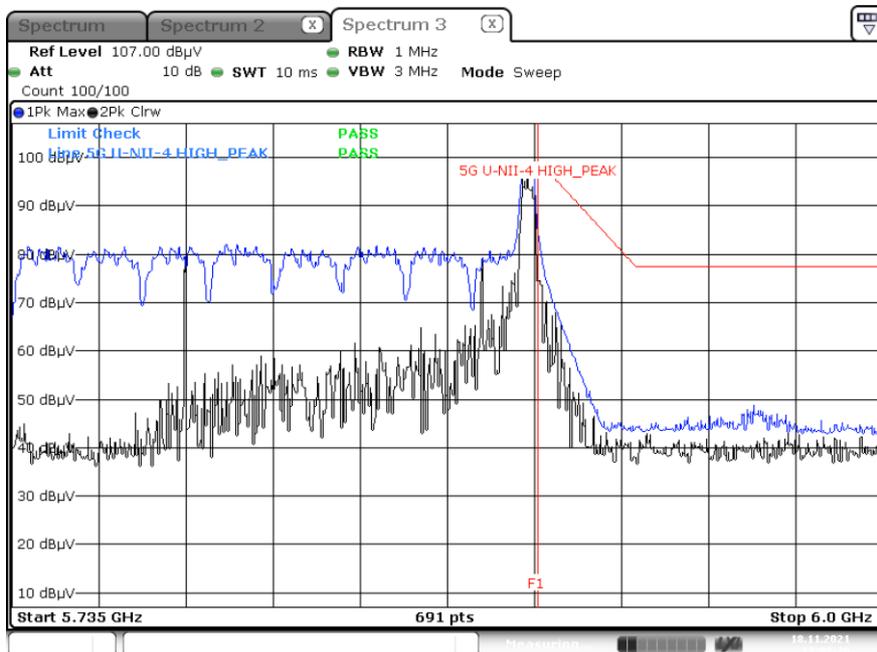
Peak result (802.11ax(HE80), Ch.171, SU, X-H)



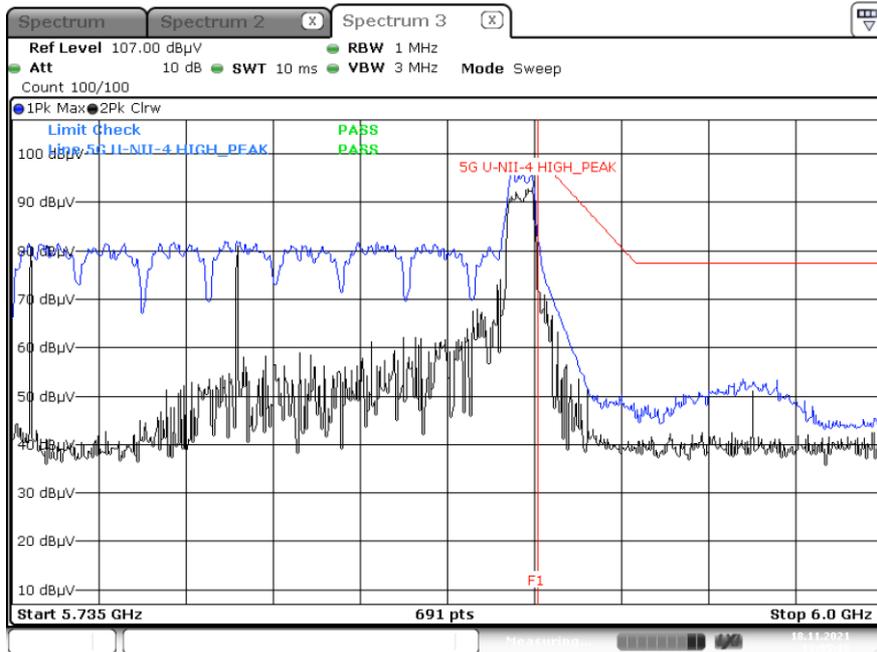
Avg result (802.11ax(HE160)_80U, Ch.163, 26 Tone RU36, X-H)



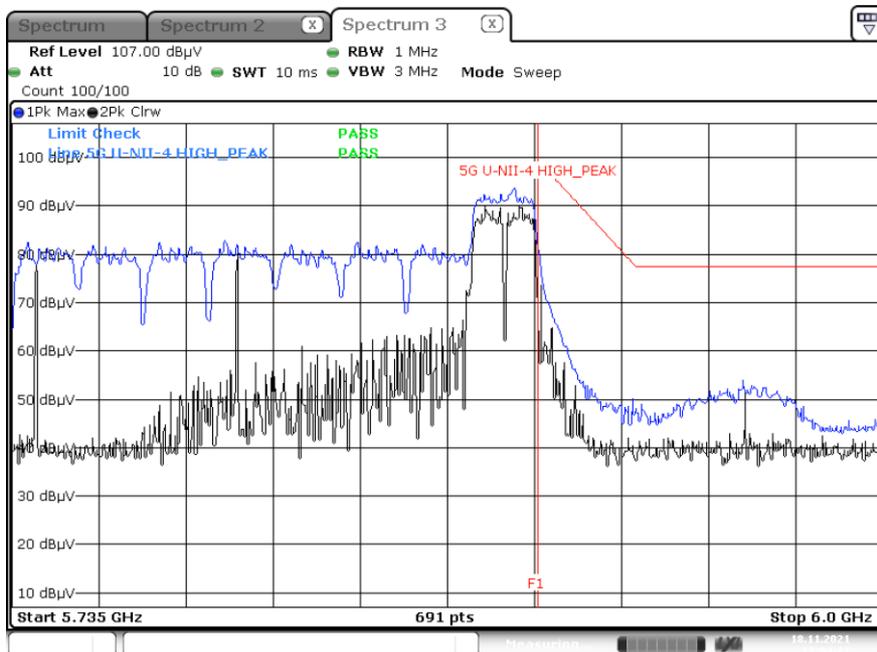
Avg result (802.11ax(HE160)_80U, Ch.163, 52 Tone RU52, X-H)



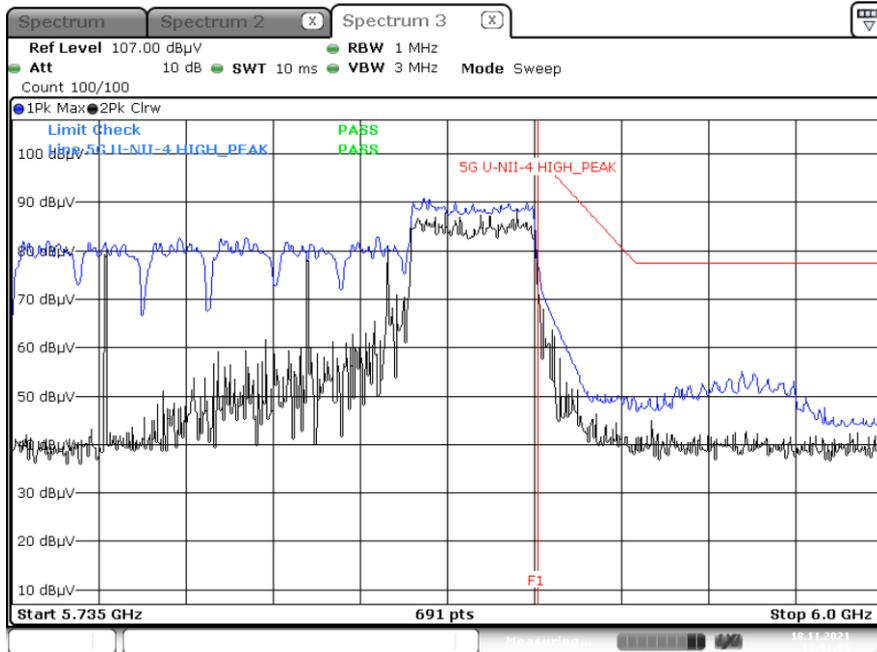
Avg result (802.11ax(HE160)_80U, Ch.163, 106 Tone RU60, X-H)



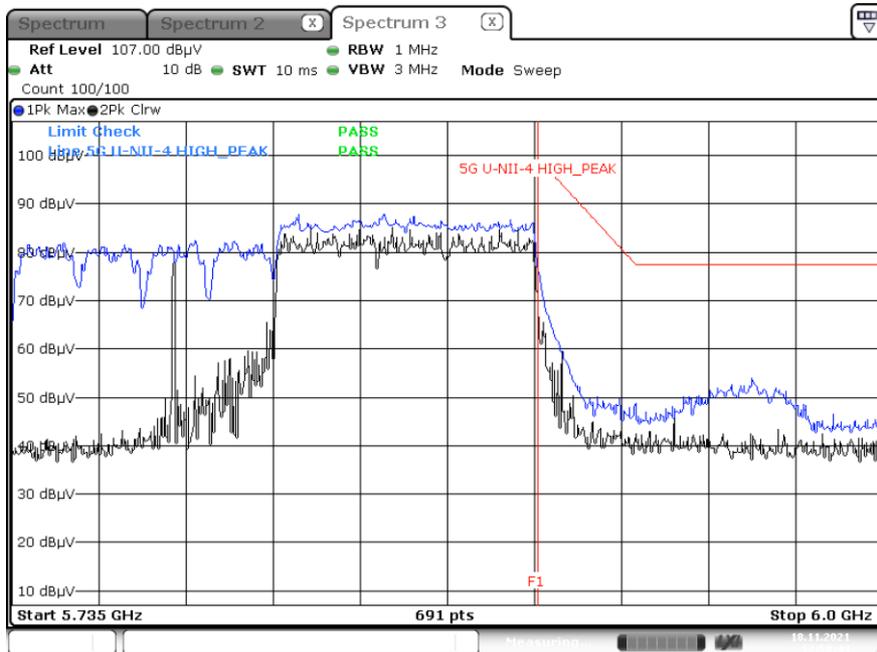
Avg result (802.11ax(HE160)_80U, Ch.163, 242 Tone RU64, X-H)



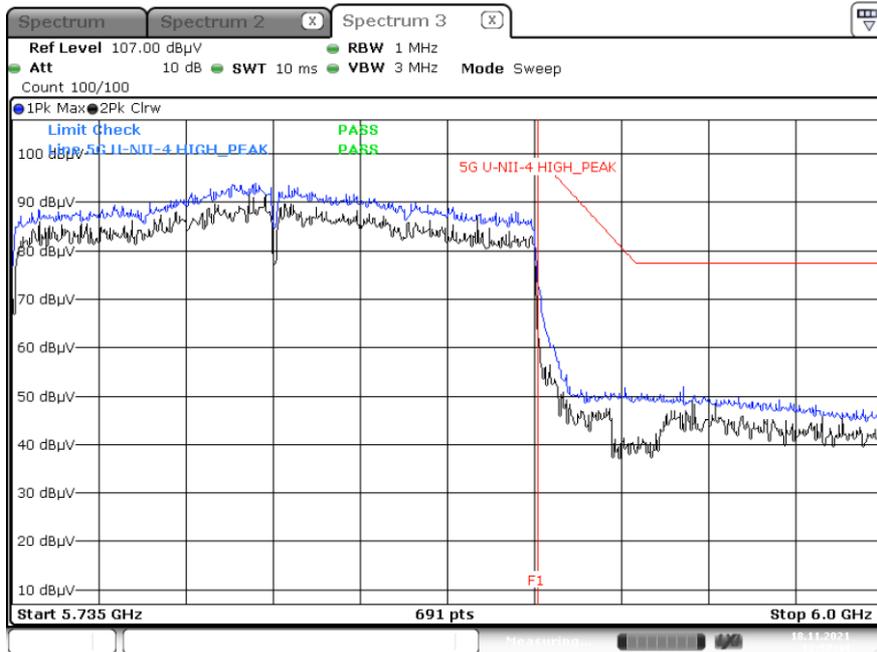
Avg result (802.11ax(HE160)_80U, Ch.163, 484 Tone RU66, X-H)



Avg result (802.11ax(HE160)_80U, Ch.163, 996 Tone RU67, X-H)



Avg result (802.11ax(HE160), Ch.163, SU, X-H)



Note :

1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit(Peak) about factor value compensation.

11. LIST OF TEST EQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	08/23/2022	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	06/17/2022	Annual
Temperature Chamber	SU-642	ESPEC	0093008124	03/15/2022	Annual
Signal Analyzer	N9030A	Agilent	MY49432108	03/09/2022	Annual
Signal Analyzer	N9030A	Agilent	US51350313	03/30/2022	Annual
Power Meter	N1911A	Agilent	MY45100523	04/08/2022	Annual
Power Sensor	N1921A	Agilent	MY57820067	04/08/2022	Annual
Power Splitter	11667B	Hewlett Packard	10545	02/09/2022	Annual
DC Power Supply	E3632A	HP	MY50360067	02/26/2022	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	07560	06/18/2022	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	08285	06/28/2022	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	03/08/2022	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller(Antenna mast)	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	N/A	N/A	N/A
Controller	EM1000	Audix	060520	N/A	N/A
Turn Table	N/A	Audix	N/A	N/A	N/A
Amp & Filter Bank Switch Controller	FBSM-01B	TNM system	TM19050002	N/A	N/A
Loop Antenna	1513	Schwarzbeck	1513-333	03/19/2022	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	09/04/2022	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	02296	05/19/2022	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170124	04/12/2023	Biennial
Spectrum Analyzer	FSV(10 Hz ~ 40 GHz)	Rohde & Schwarz	101055	05/14/2022	Annual
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	01/06/2022	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/24/2022	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/24/2022	Annual
Power Amplifier	CBL18265035	CERNEX	22966	12/04/2021	Annual
Power Amplifier	CBL26405040	CERNEX	25956	03/23/2022	Annual
HPF(3~18GHz) LNA1(1~18GHz) +	FMSR-05B	TNM system	F6	01/20/2022	Annual
ATT(10dB) + LNA1(1~18GHz)	FMSR -05B	TNM system	None	01/20/2022	Annual
ATT(3dB) + LNA1(1~18GHz)	FMSR -05B	TNM system	None	01/20/2022	Annual
LNA1(1~18GHz)	FMSR -05B	TNM system	25540	01/20/2022	Annual
HPF(7~18GHz) LNA2(6~18GHz) +	FMSR -05B	TNM system	28550	01/20/2022	Annual
Thru(30MHz ~ 18GHz)	FMSR -05B	TNM system	None	01/20/2022	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2112-FC006-P