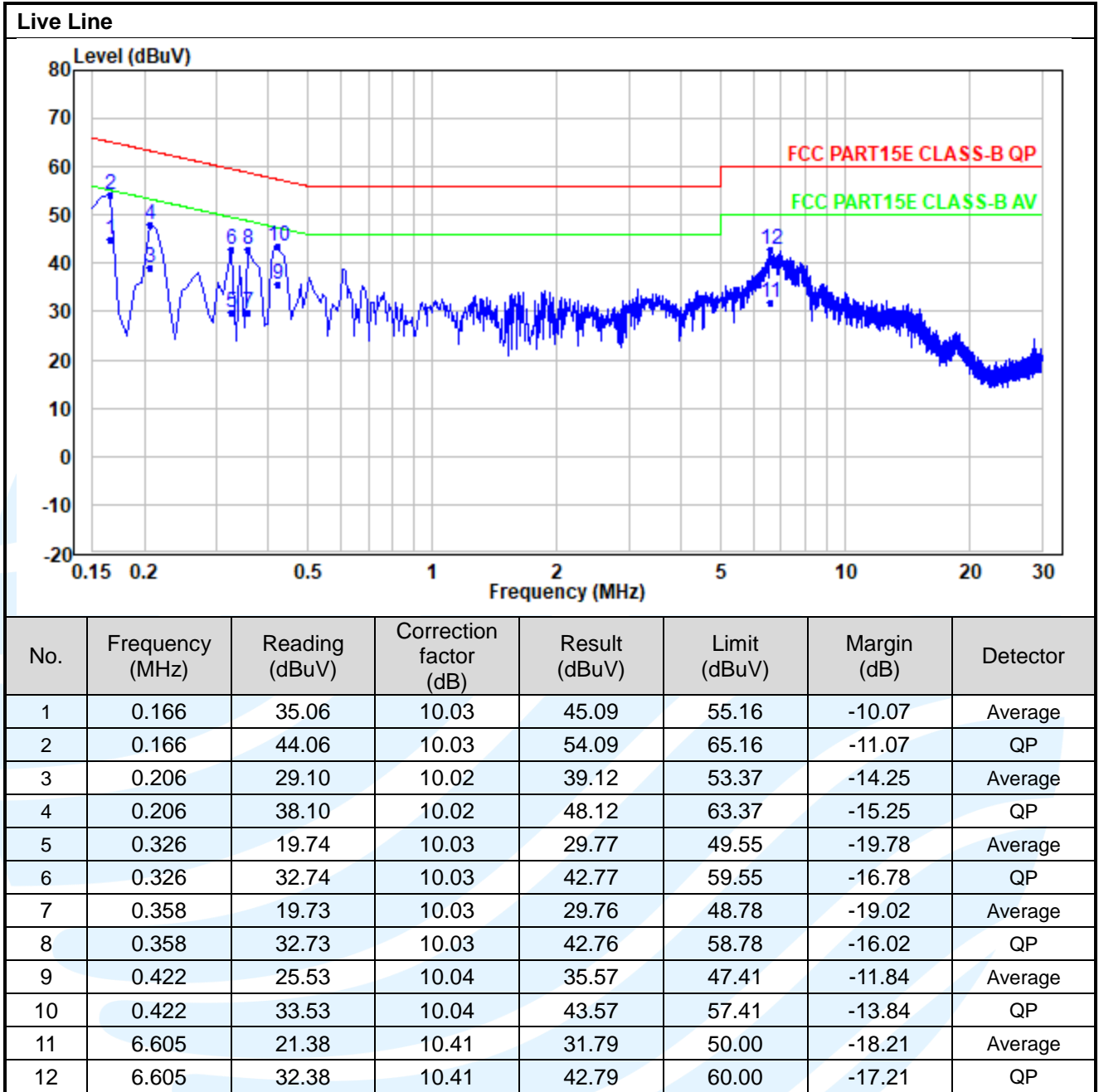


The worst measurement data as follows:

Quasi Peak and Average:

Mode: WIFI Link



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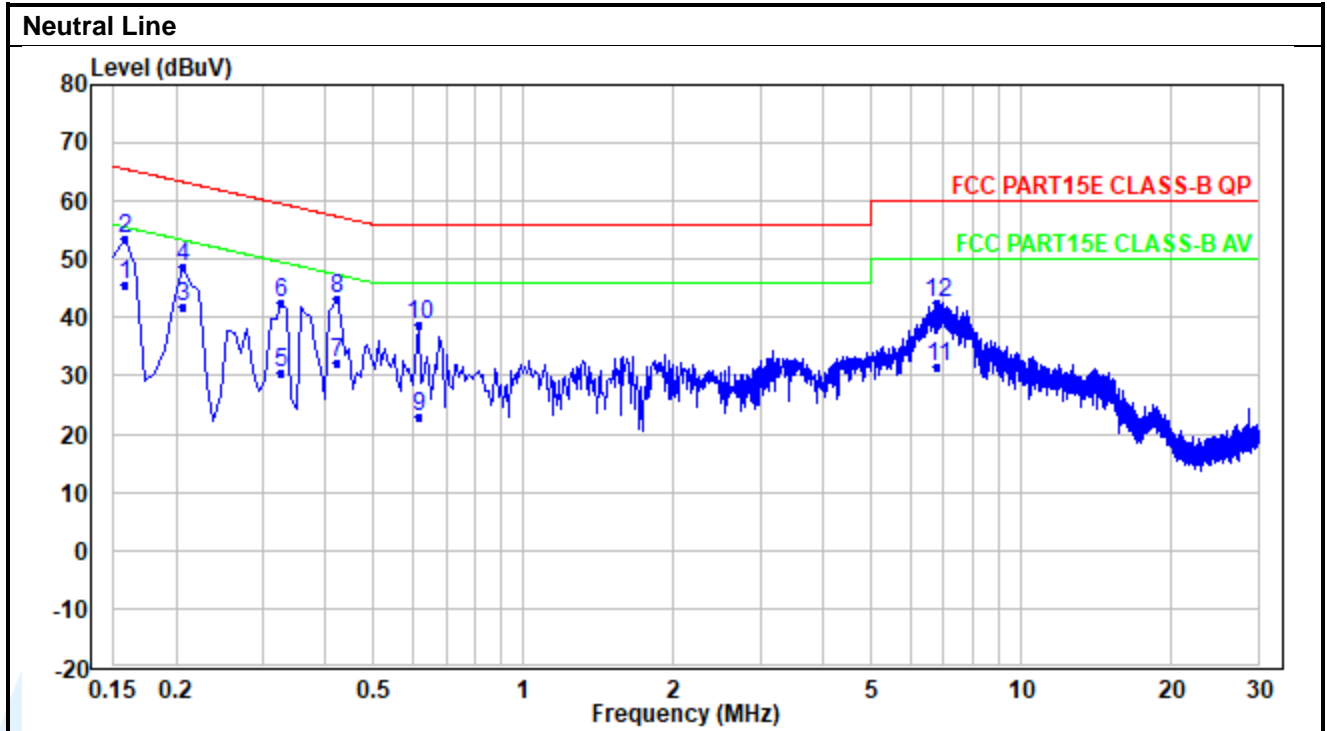
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.158	35.58	10.02	45.60	55.57	-9.97	Average
2	0.158	43.58	10.02	53.60	65.57	-11.97	QP
3	0.206	31.88	10.00	41.88	53.37	-11.49	Average
4	0.206	38.88	10.00	48.88	63.37	-14.49	QP
5	0.326	20.44	10.02	30.46	49.55	-19.09	Average
6	0.326	32.44	10.02	42.46	59.55	-17.09	QP
7	0.422	22.14	10.02	32.16	47.41	-15.25	Average
8	0.422	33.14	10.02	43.16	57.41	-14.25	QP
9	0.614	12.79	10.03	22.82	46.00	-23.18	Average
10	0.614	28.79	10.03	38.82	56.00	-17.18	QP
11	6.813	21.24	10.39	31.63	50.00	-18.37	Average
12	6.813	32.24	10.39	42.63	60.00	-17.37	QP

Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

APPENDIX A RF TEST DATA

A.1 99% BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-3 band

Antenna 1

Test Result

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	36			16.548
	44			16.534
	48			16.463
	52			16.492
	60			16.500
	64			16.537
	149			16.493
	157			16.508
	165			16.464
IEEE 802.11n_20	36			17.624
	44			17.570
	48			17.547
	52			17.579
	60			17.561
	64			17.547
	149			17.622
	157			17.599
IEEE 802.11n_40	38	N/A		35.849
	46			35.865
	54			35.891
	62			35.870
	151			35.891
	159			35.791
IEEE 802.11ac_20	36		1	17.639
	44			17.653
	48			17.641
	52			17.630
	60			17.612
	64			17.620
	149			17.647
	157			17.638
	165			17.599
IEEE 802.11ac_40	38			35.937
	46			35.953
	54			35.938
	62			35.949
	151			35.976
	159			35.854
IEEE 802.11ac_80	42			75.129
	58			75.203
	155			75.217
IEEE 802.11ax_20	36	SU		18.892
	44			18.890
	48			18.922
	52			18.877
	60			18.910
	64			18.926
	149			18.914
	157			18.926
165	18.957			
IEEE 802.11ax_40	38			37.620
	46			37.599
	54			37.557
	62			37.661
	151			37.622

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	159			37.595
IEEE 802.11ax_80	42			77.060
	58			77.086
	155			77.034
				18.021
IEEE 802.11ax_20	36	26RU0		18.021
		52RU37		18.361
		106RU53		18.420
	44	26RU4		17.091
		52RU39		17.083
		106RU53		18.382
	48	26RU8		18.656
		52RU40		18.517
		106RU54		18.670
	52	26RU0		18.452
		52RU37		18.475
		106RU53		18.417
	60	26RU4		17.256
		52RU39		17.232
		106RU53		18.437
	64	26RU8		18.440
		52RU40		18.588
		106RU54		18.686
	149	26RU0		18.540
		52RU37		18.411
		106RU53		18.359
	157	26RU4		17.061
		52RU39		17.369
		106RU53		18.454
	165	26RU8		18.619
		52RU40		18.581
		106RU54		18.737

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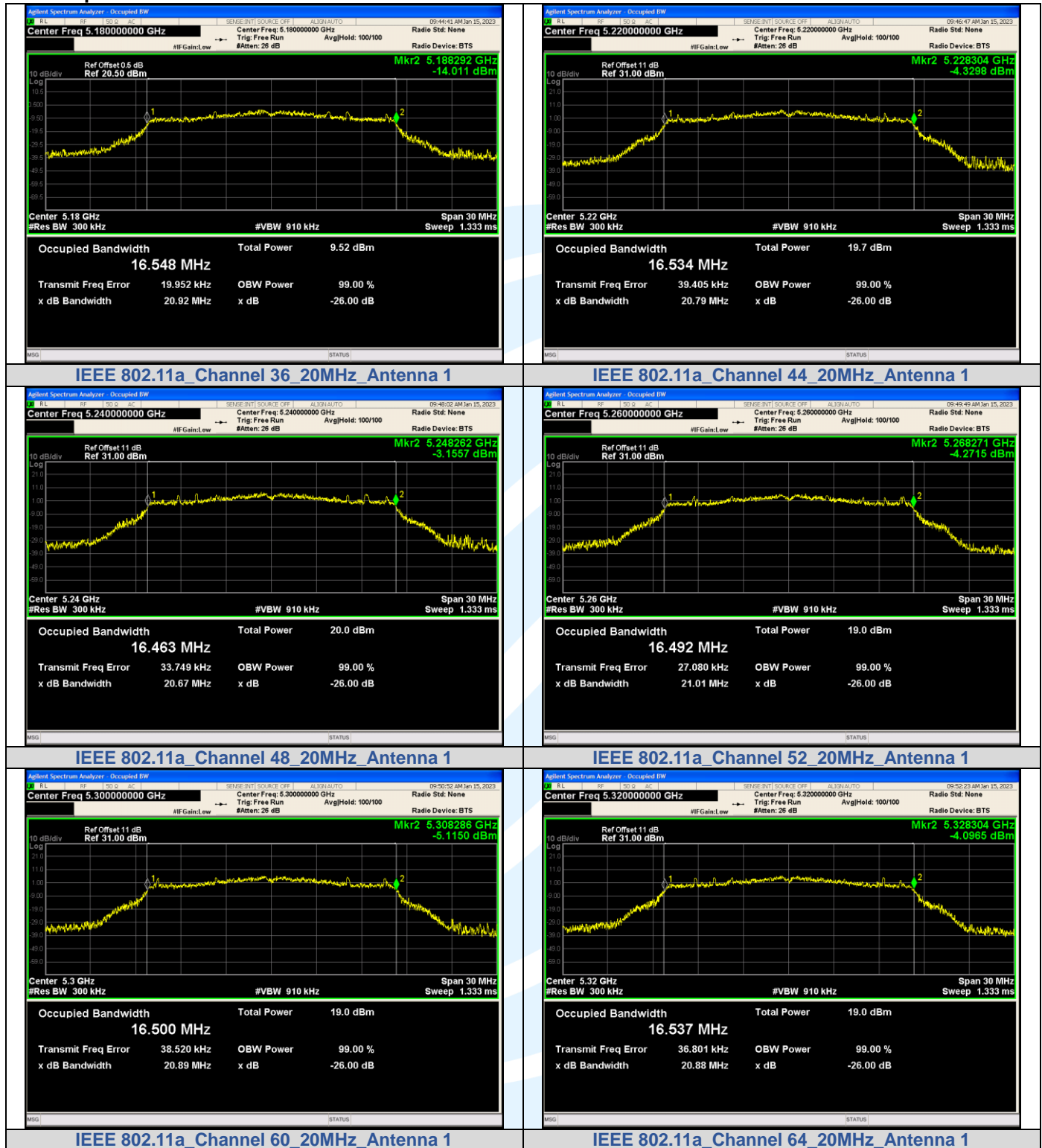
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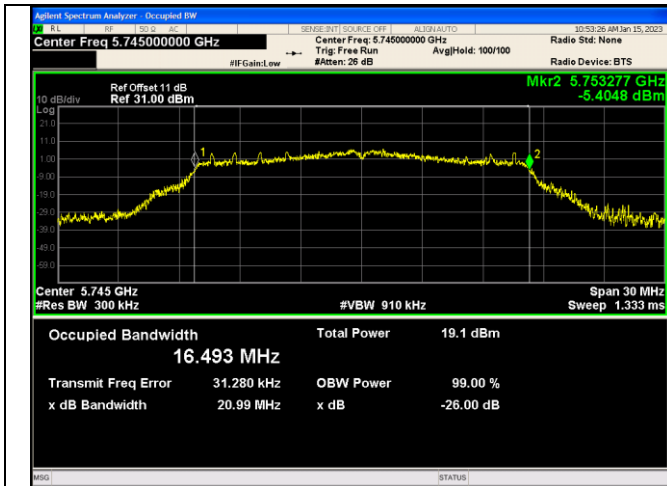
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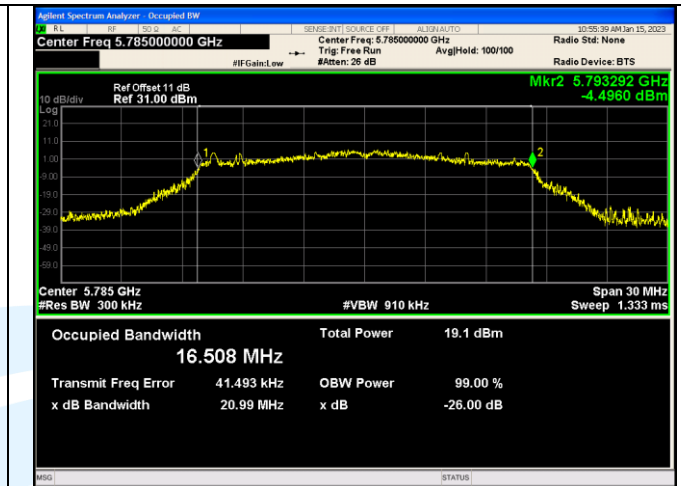
UTTR-RF-FCCPART15.407-V1.3

Test Graphs

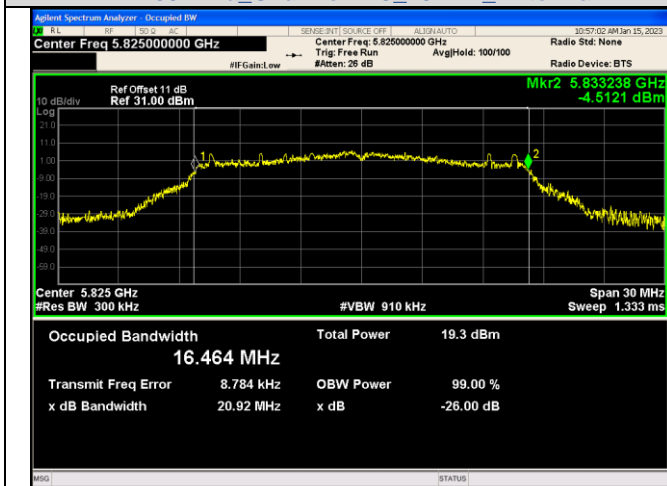




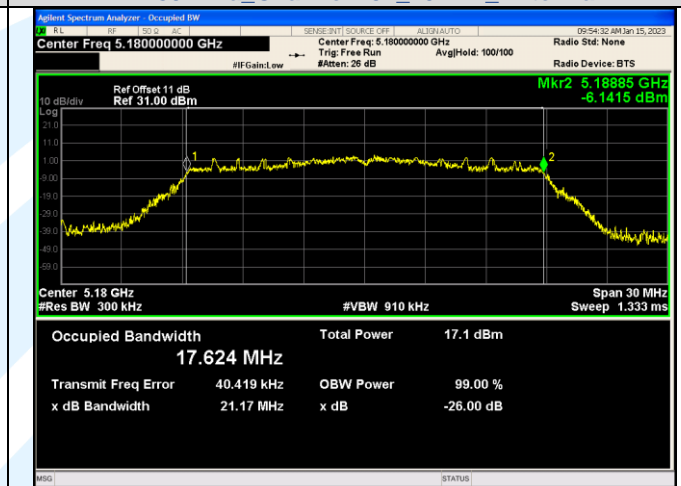
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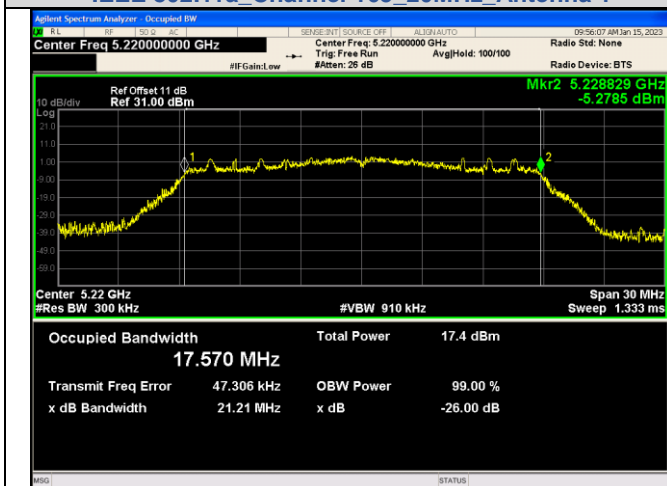
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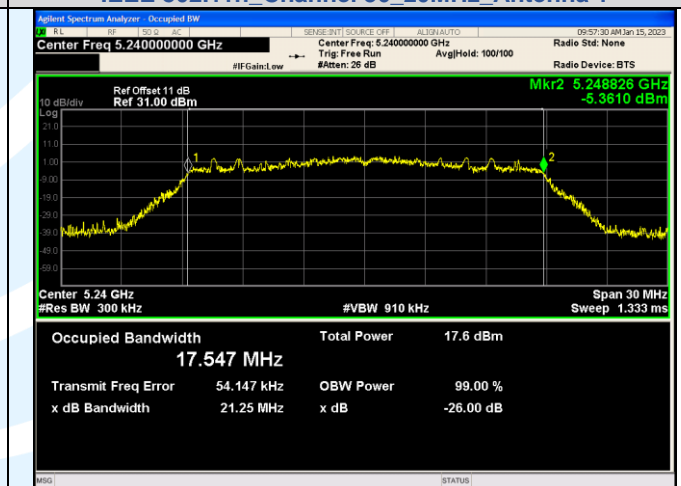
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IEEE 802.11n_Channel 36_20MHz_Antenna 1



IEEE 802.11n_Channel 44_20MHz_Antenna 1



IEEE 802.11n_Channel 48_20MHz_Antenna 1

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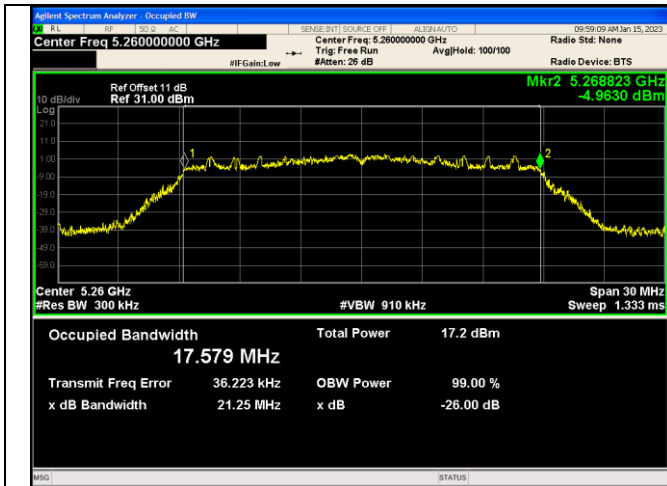
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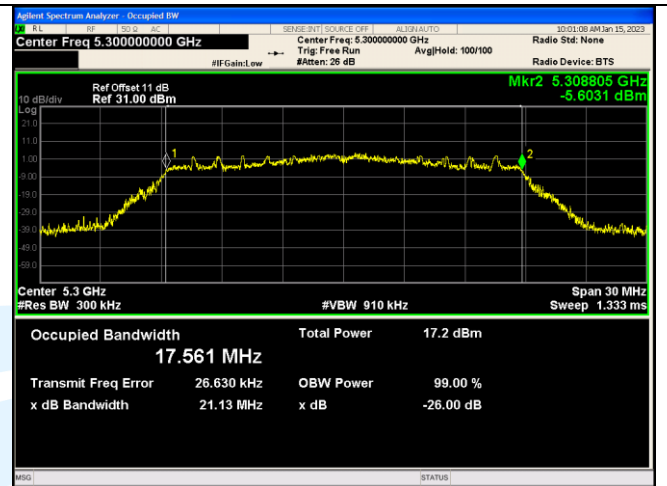
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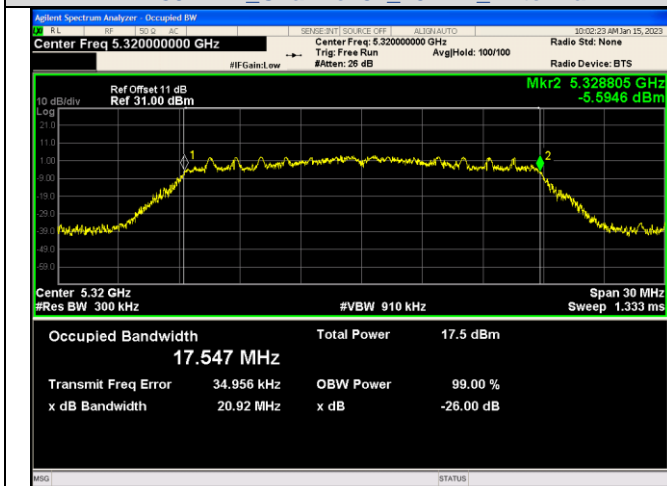
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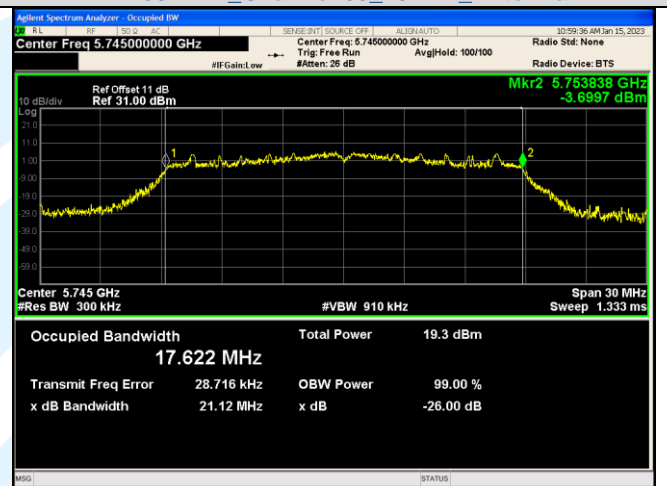
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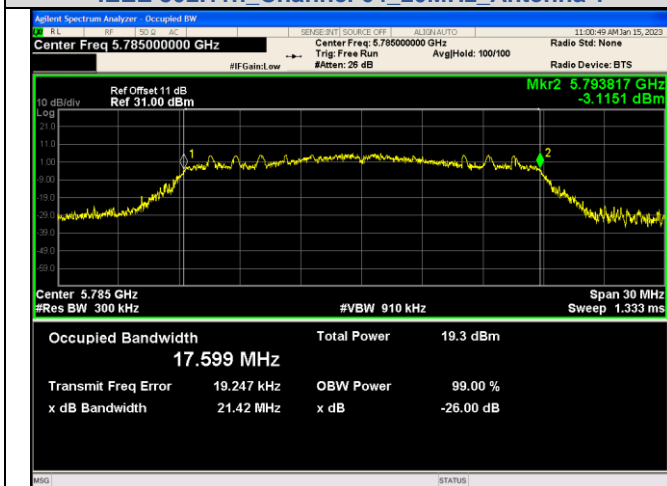
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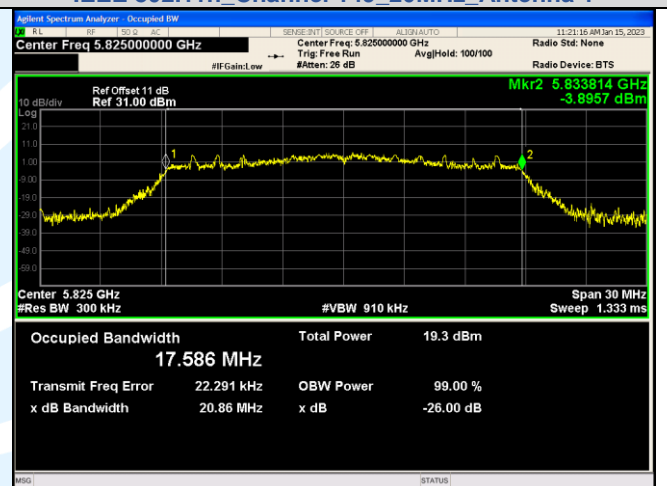
IEEE 802.11n_Channel 64_20MHz_Antenna 1



IEEE 802.11n_Channel 149_20MHz_Antenna 1



IEEE 802.11n_Channel 157_20MHz_Antenna 1



IEEE 802.11n_Channel 165_20MHz_Antenna 1

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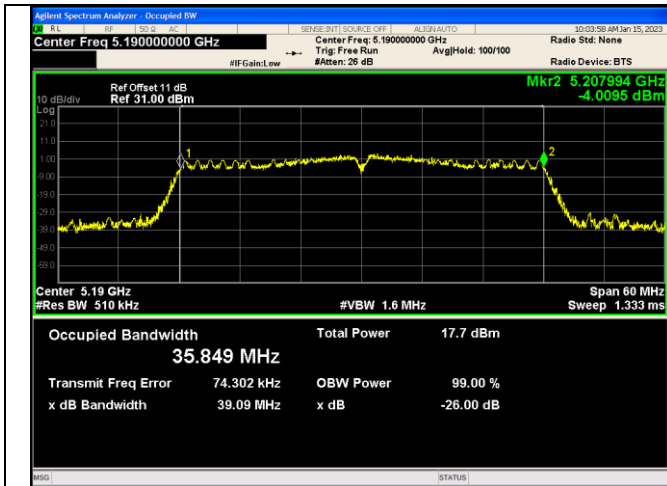
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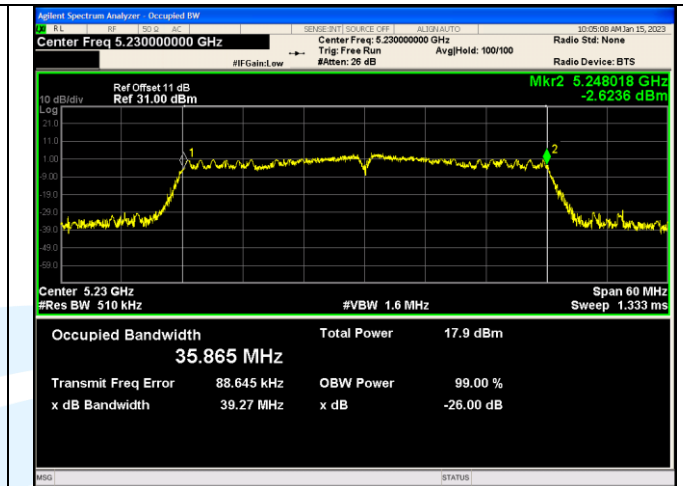
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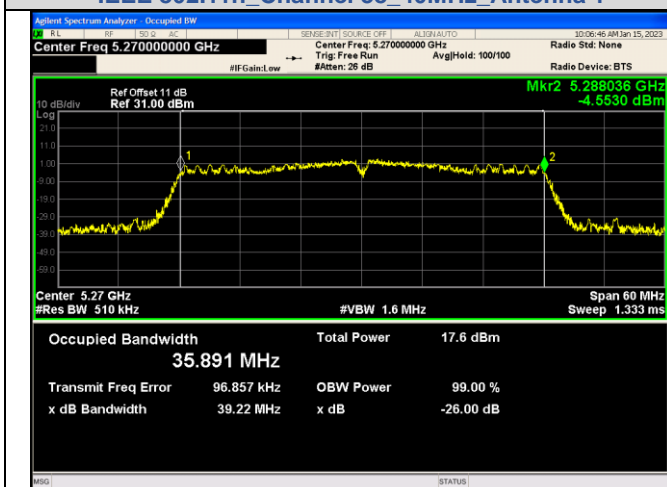
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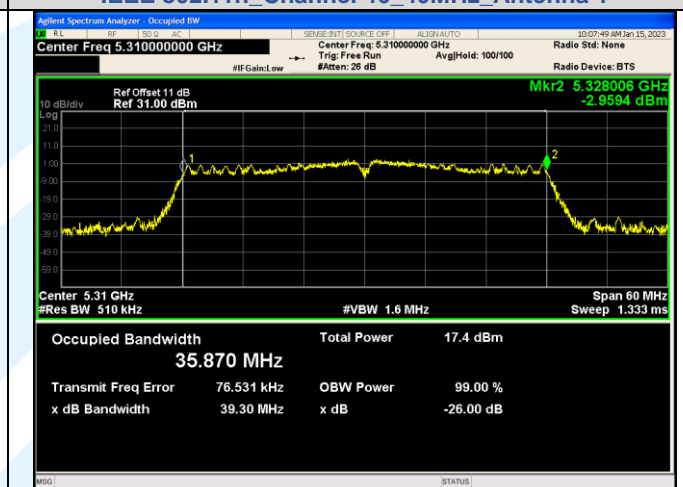
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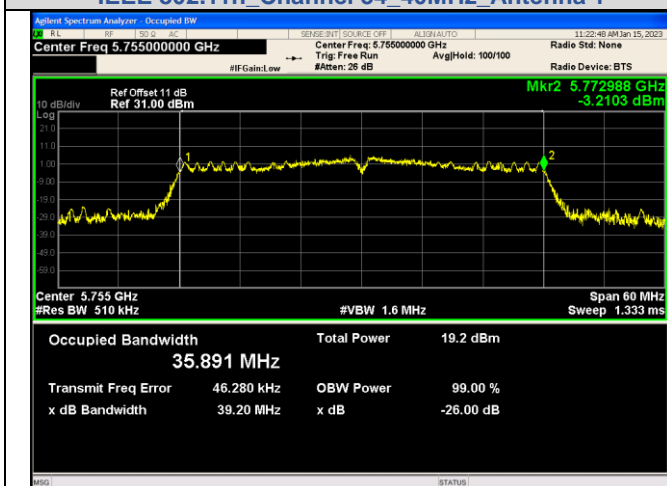
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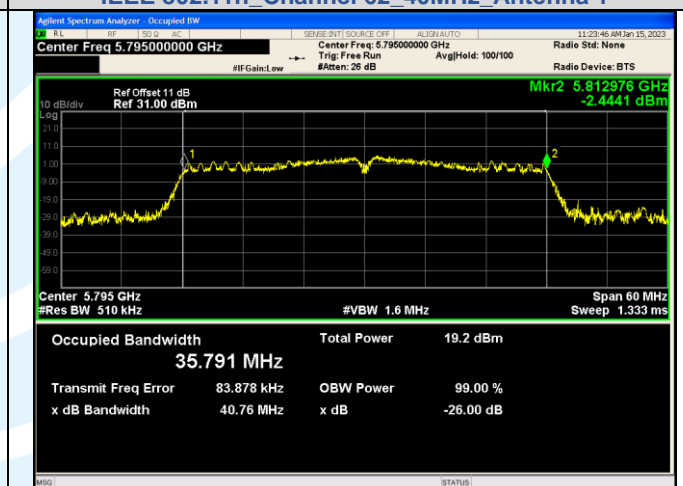
IEEE 802.11n_Channel 54_40MHz_Antenna 1



IEEE 802.11n_Channel 62_40MHz_Antenna 1



IEEE 802.11n_Channel 151_40MHz_Antenna 1



IEEE 802.11n_Channel 159_40MHz_Antenna 1

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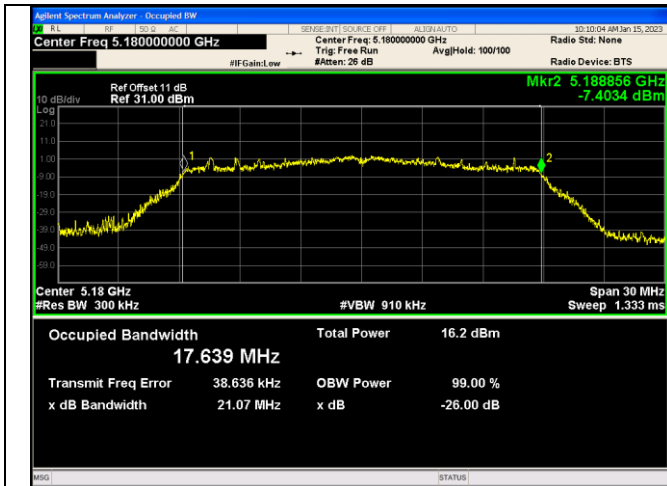
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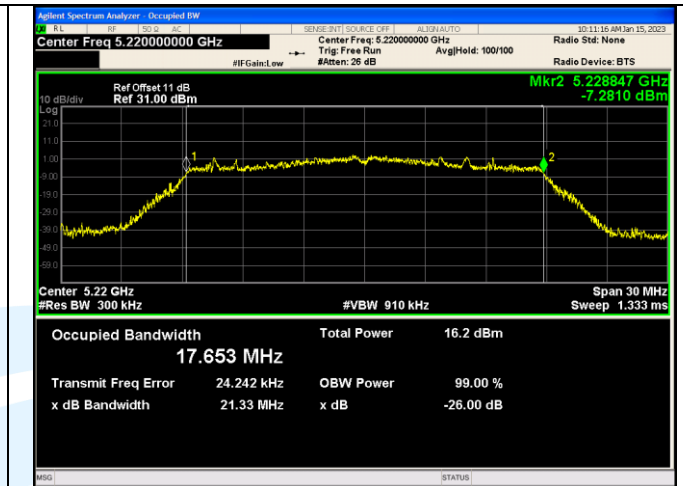
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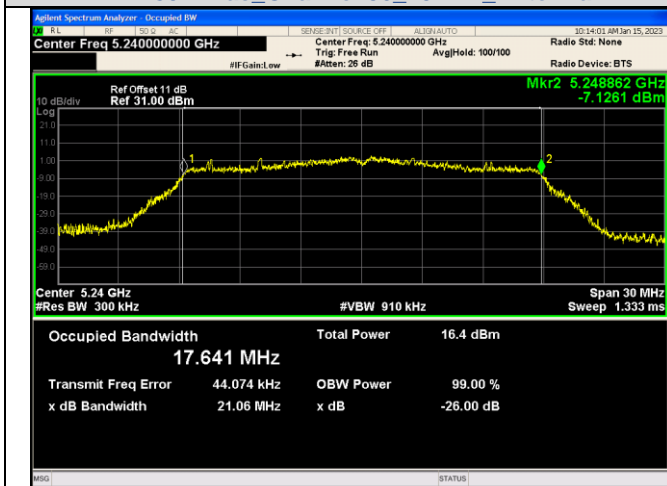
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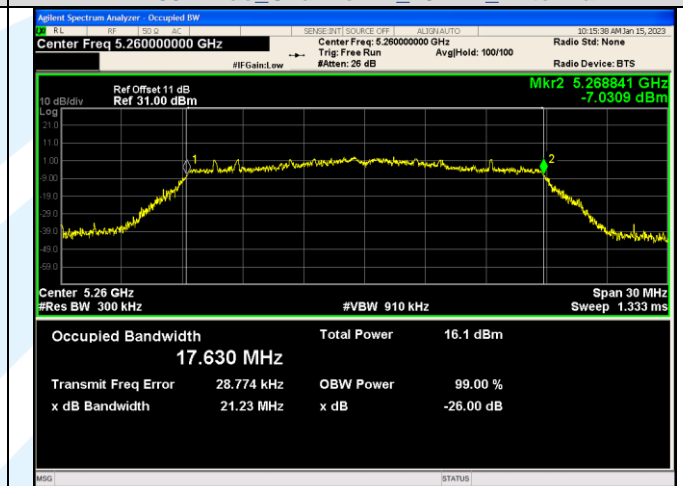
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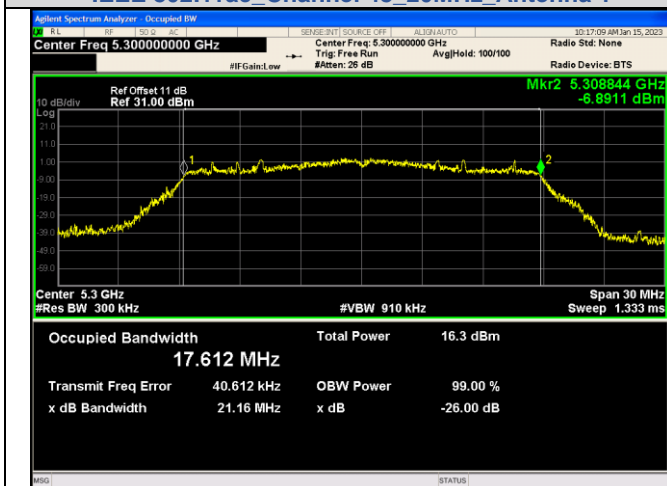
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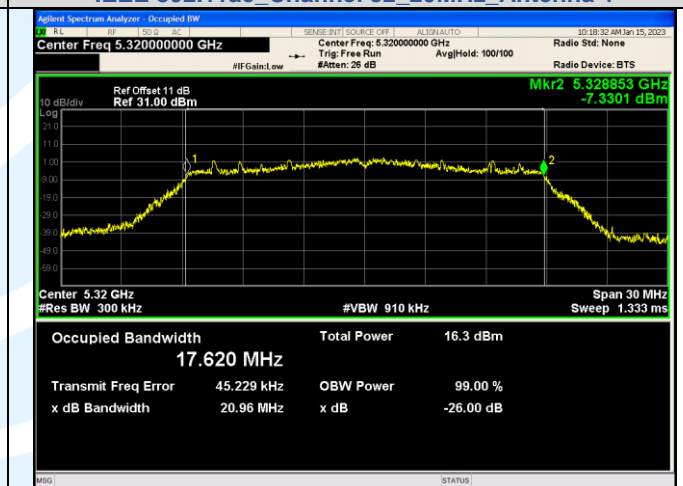
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IEEE 802.11ac_Channel 52_20MHz_Antenna 1



IEEE 802.11ac_Channel 60_20MHz_Antenna 1



IEEE 802.11ac_Channel 64_20MHz_Antenna 1

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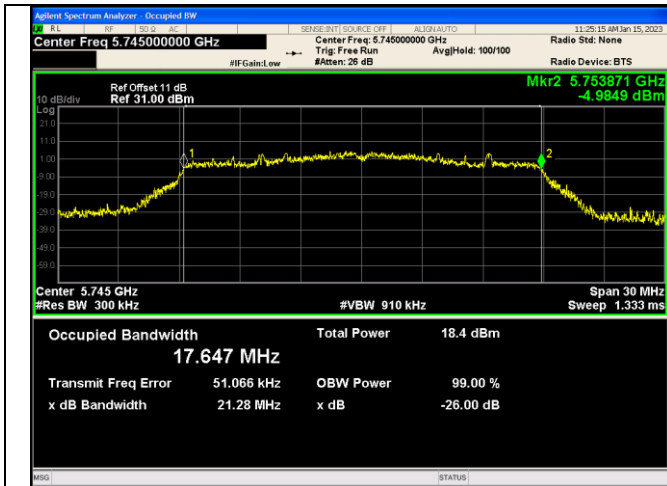
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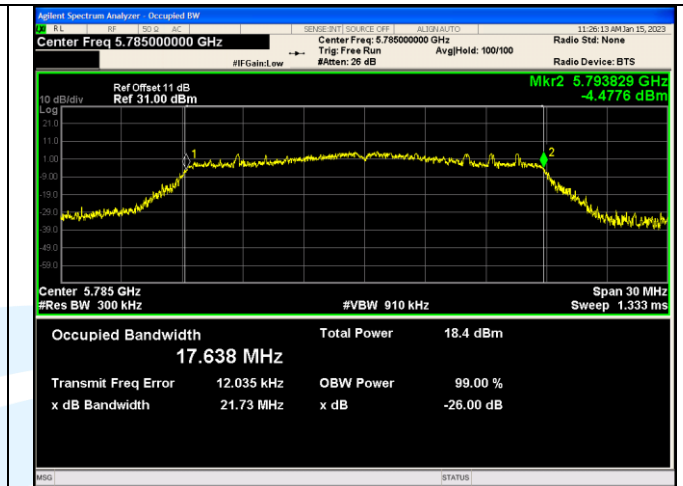
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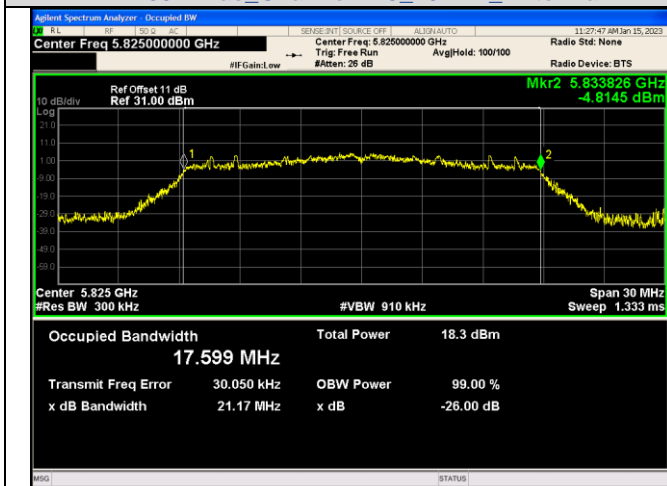
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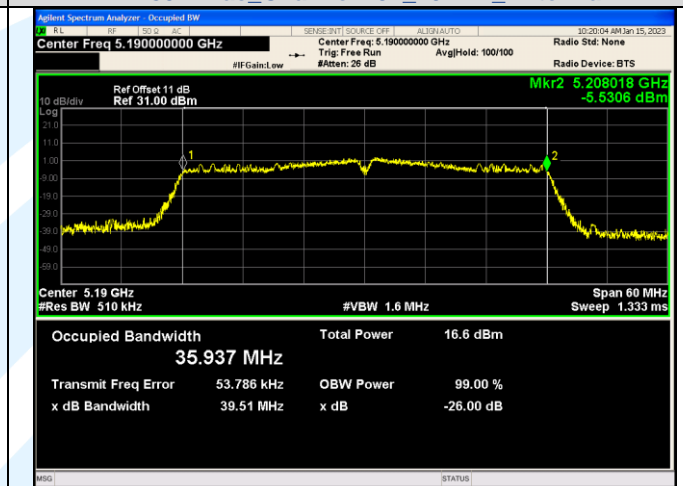
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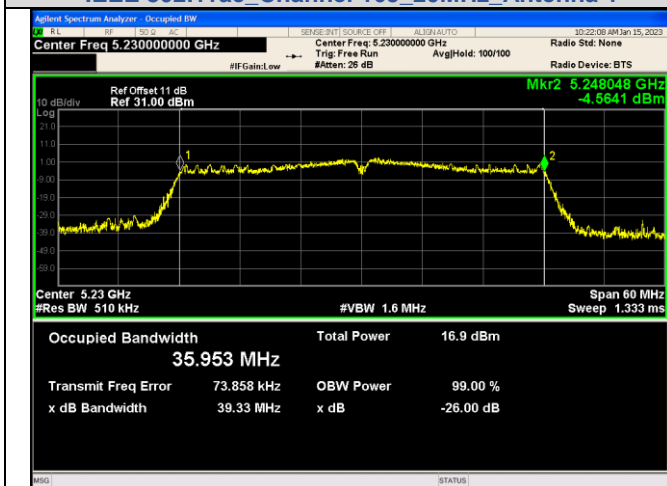
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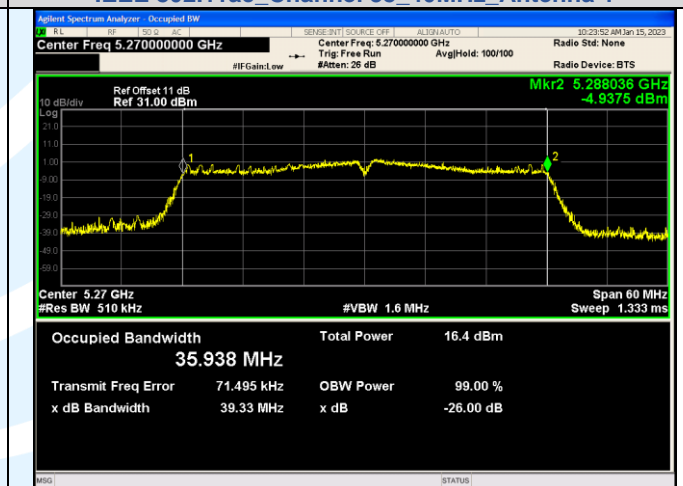
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



IEEE 802.11ac_Channel 38_40MHz_Antenna 1



IEEE 802.11ac_Channel 46_40MHz_Antenna 1



IEEE 802.11ac_Channel 54_40MHz_Antenna 1

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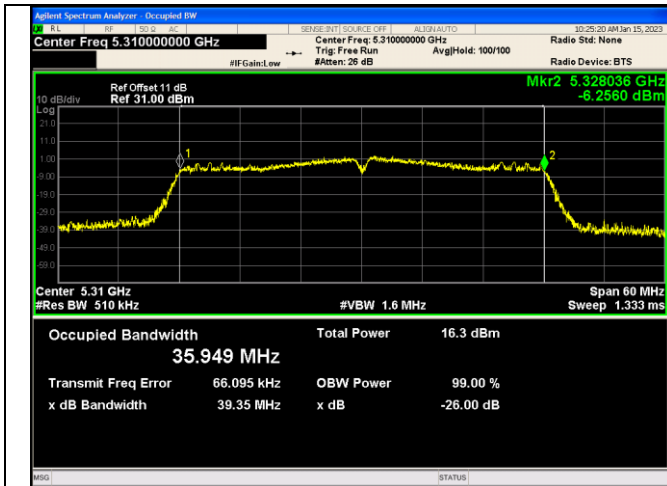
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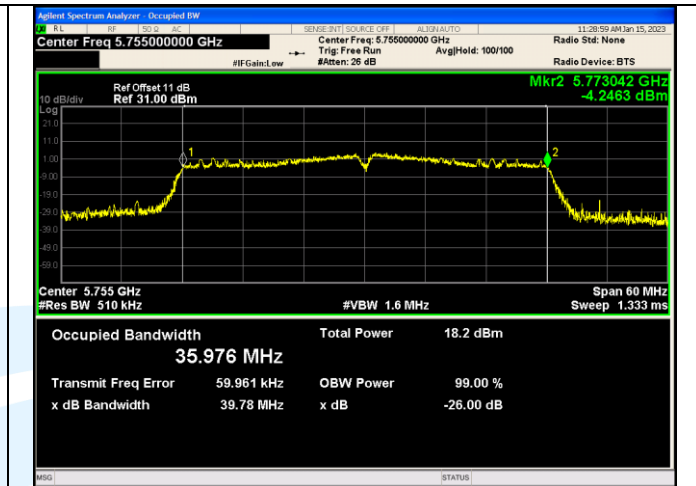
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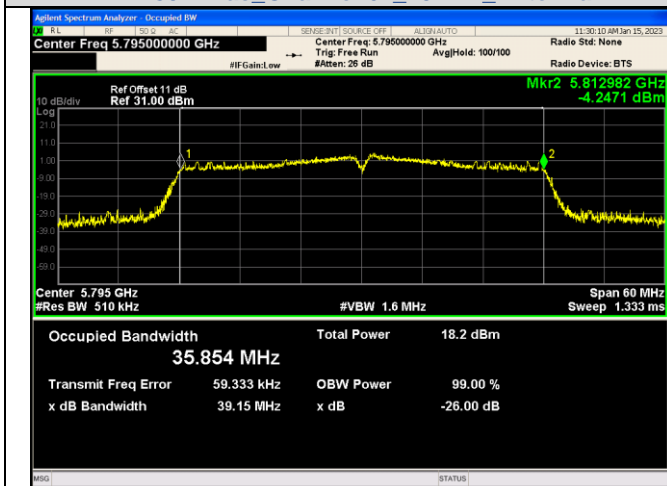
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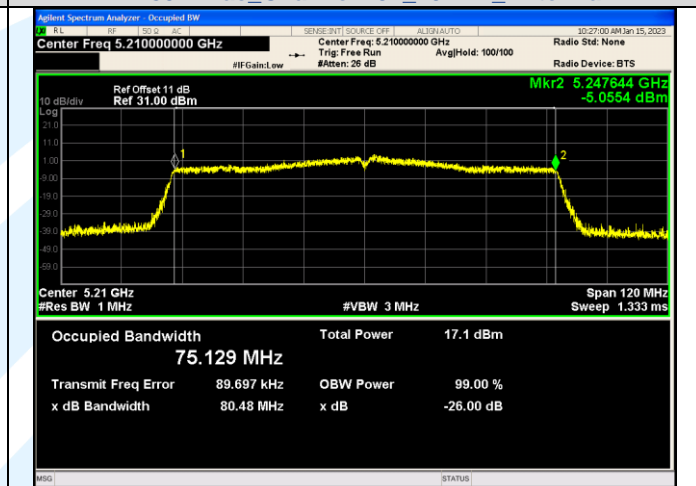
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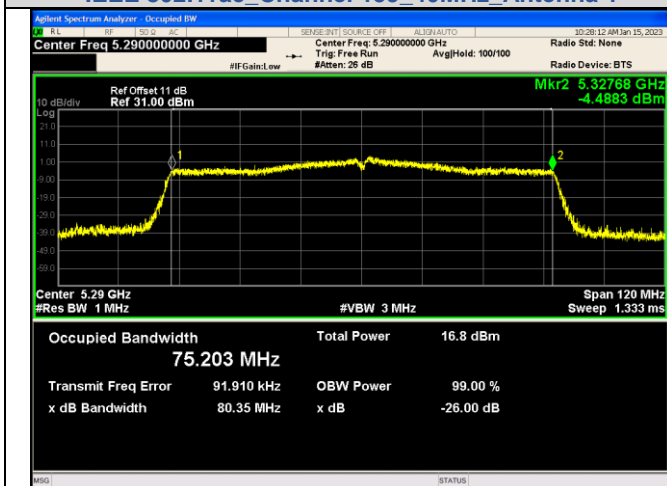
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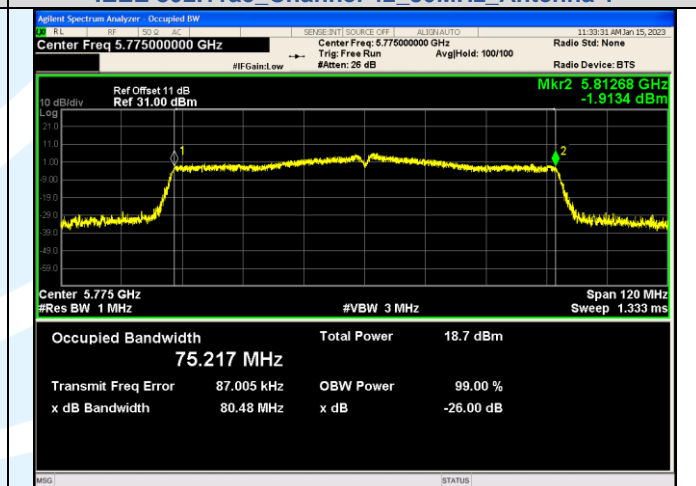
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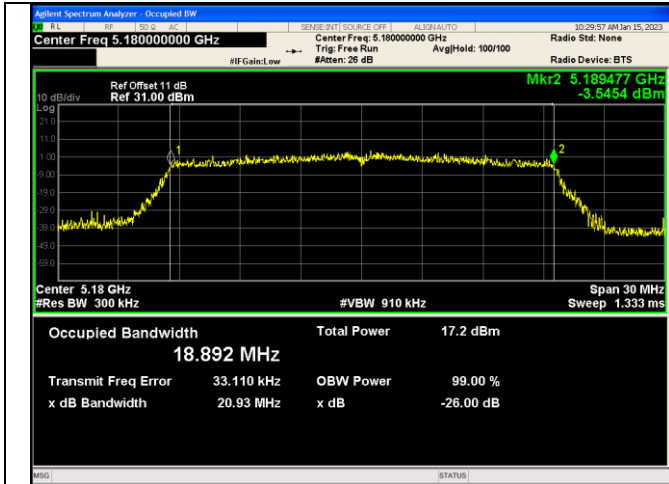
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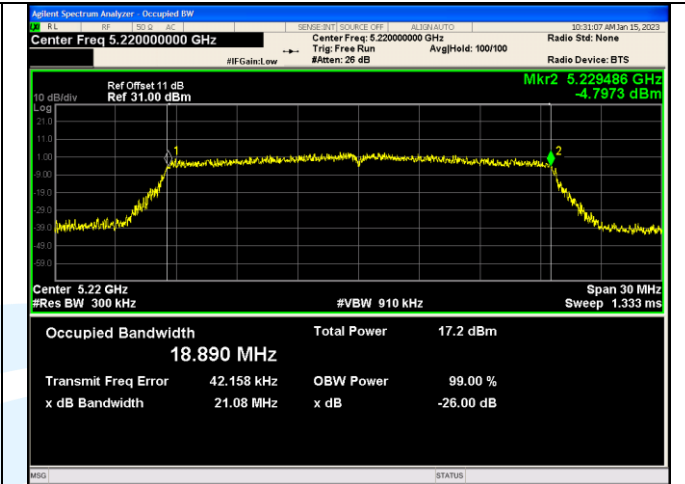
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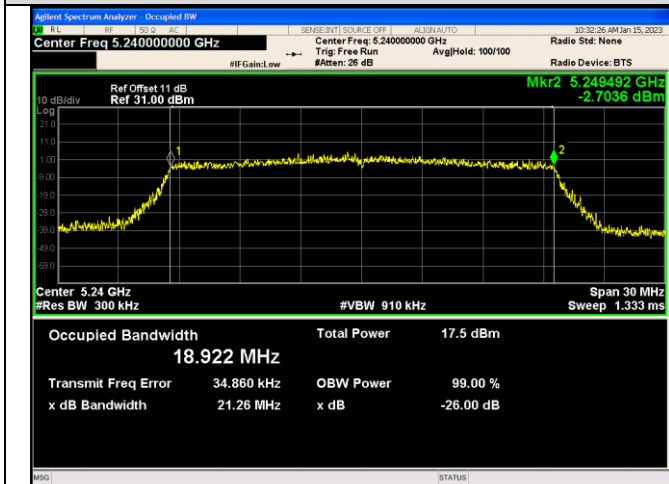
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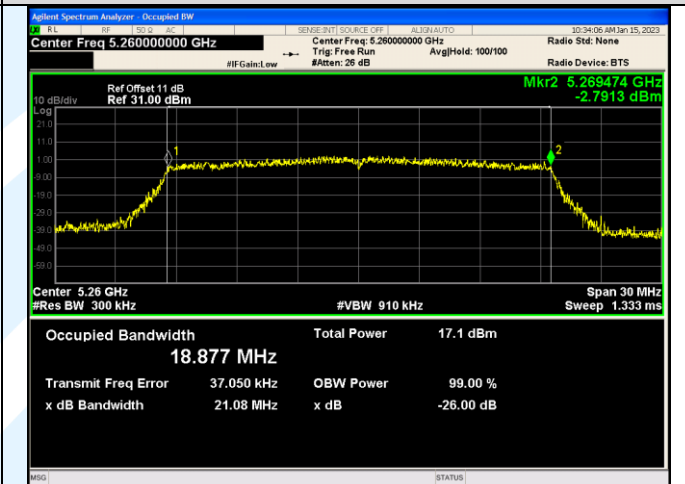
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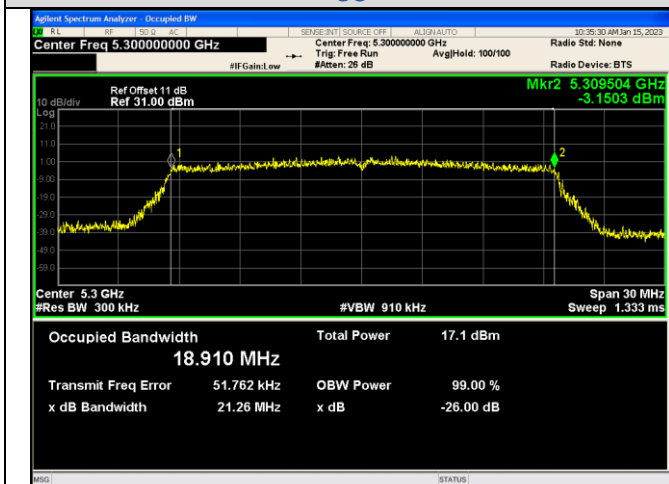
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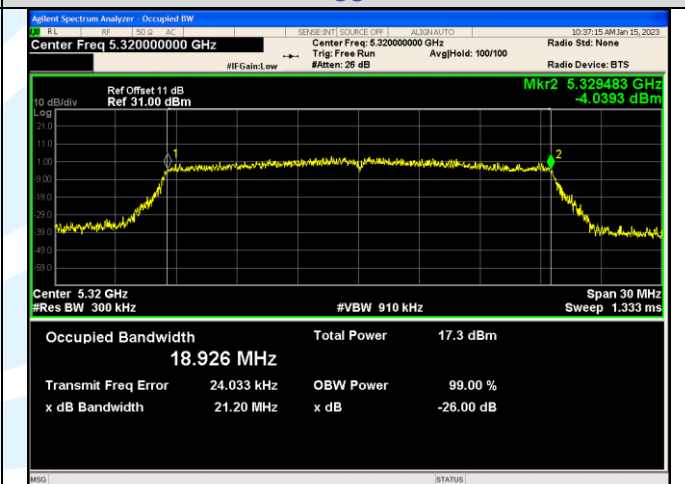
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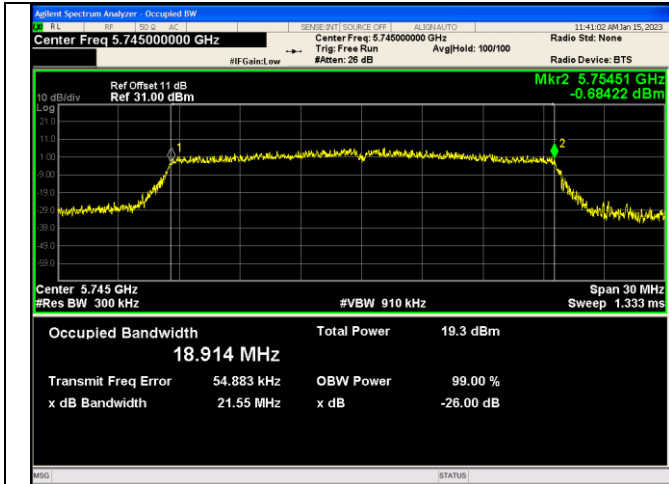
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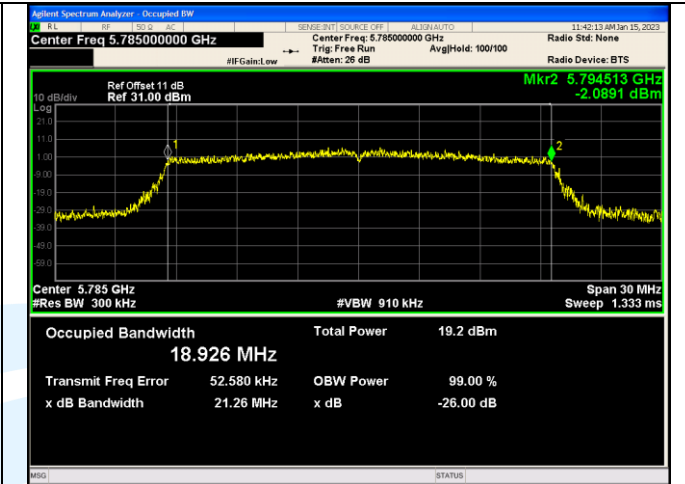
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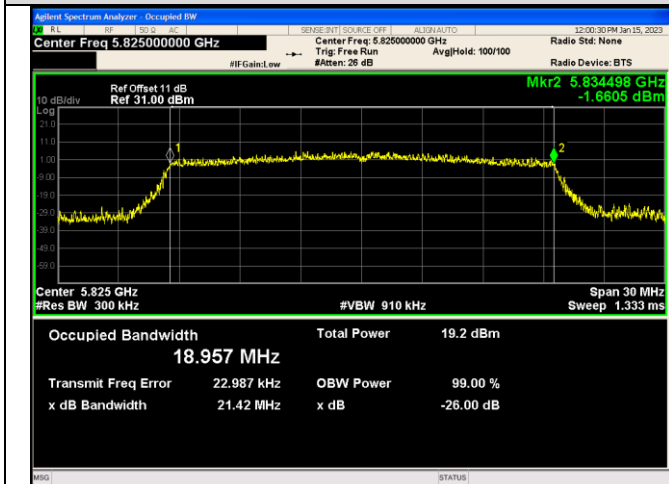
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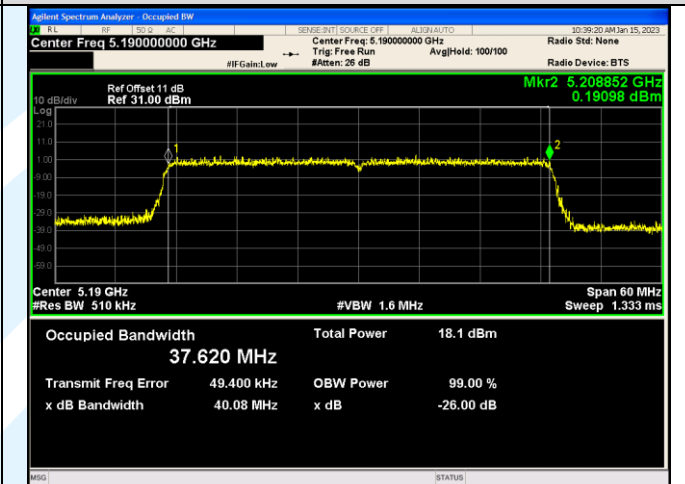
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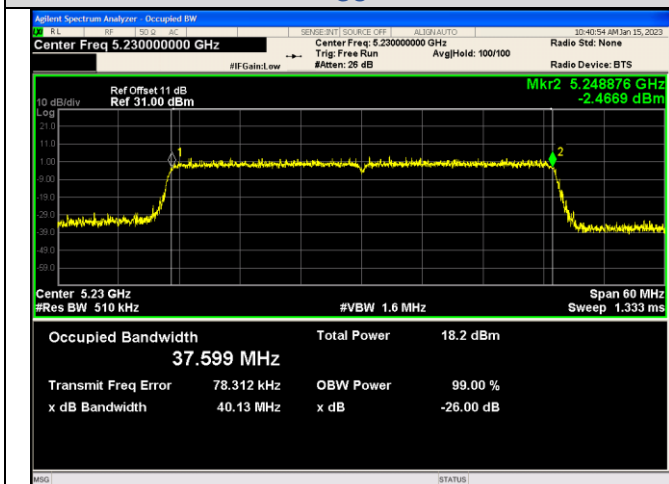
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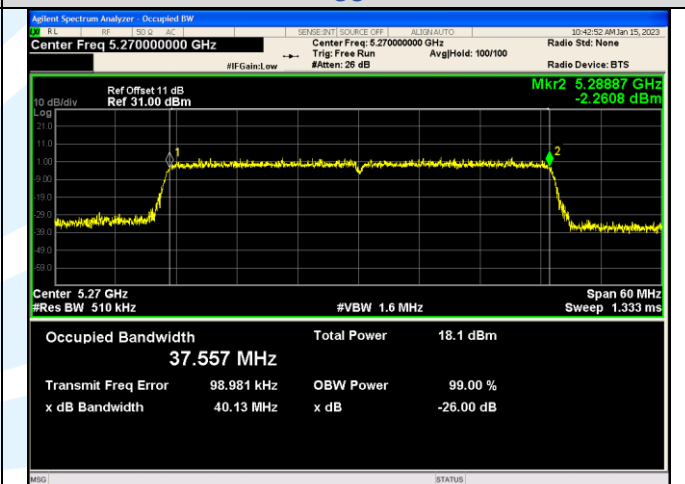
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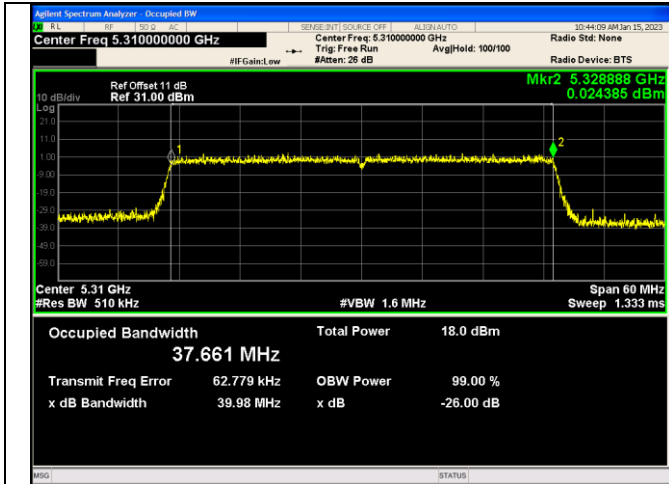
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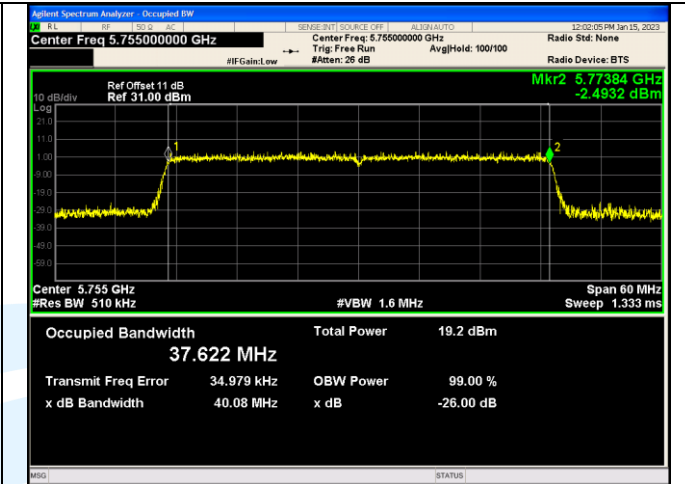
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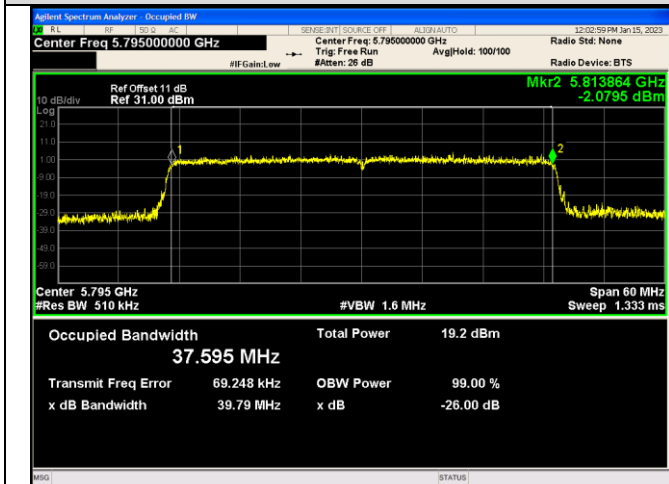
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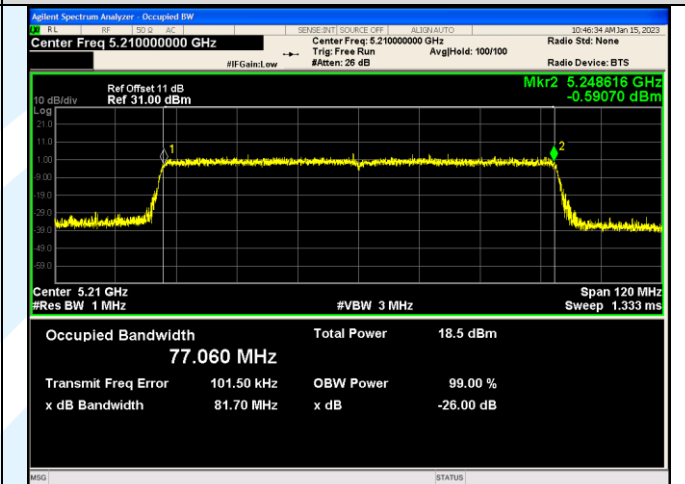
IEEE 802.11ax_Channel 62_40MHz_Antenna 1_RU&Index SU



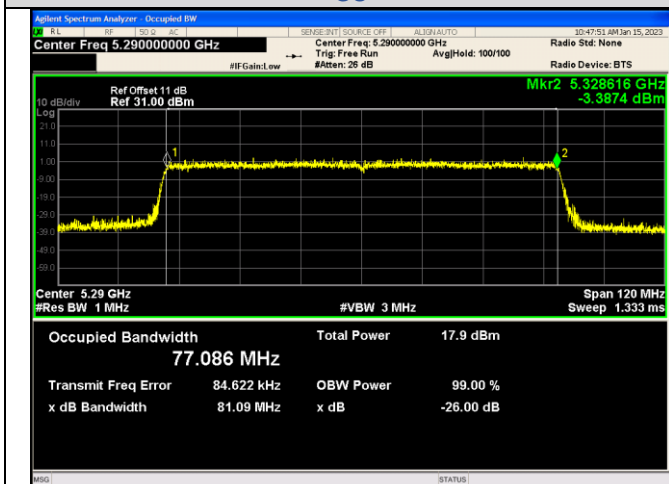
IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



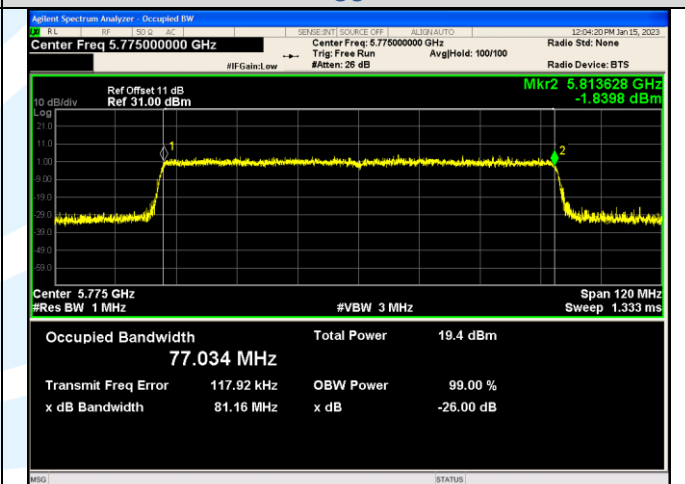
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU



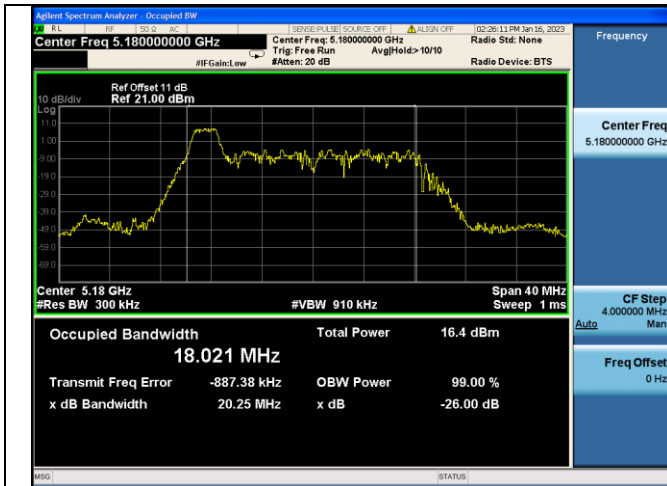
IEEE 802.11ax_Channel 42_80MHz_Antenna 1_RU&Index SU



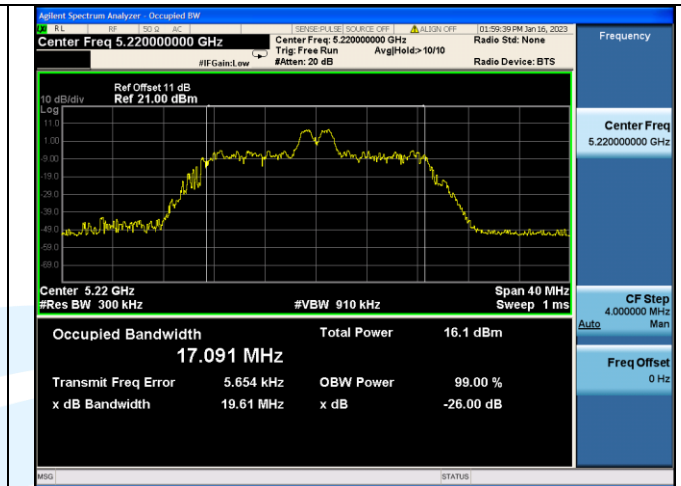
IEEE 802.11ax_Channel 58_80MHz_Antenna 1_RU&Index SU



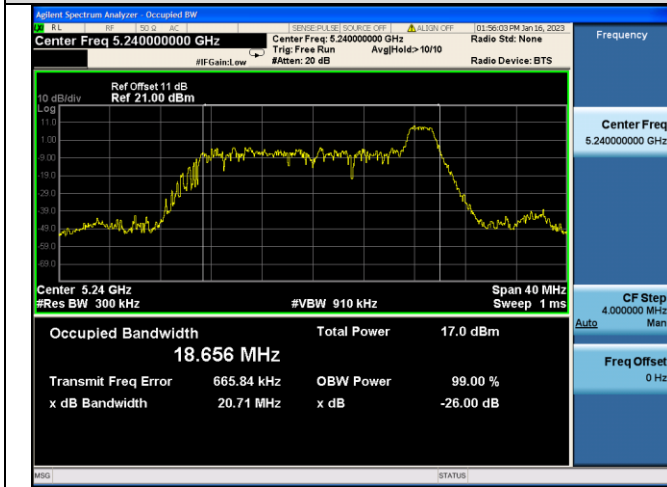
IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU



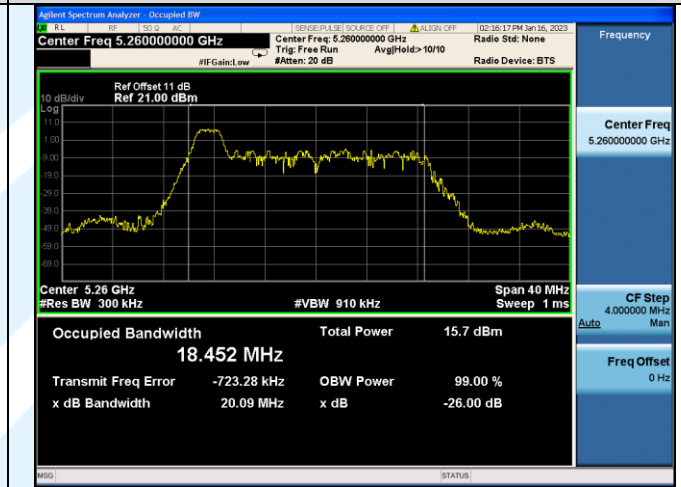
IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index 26RU0



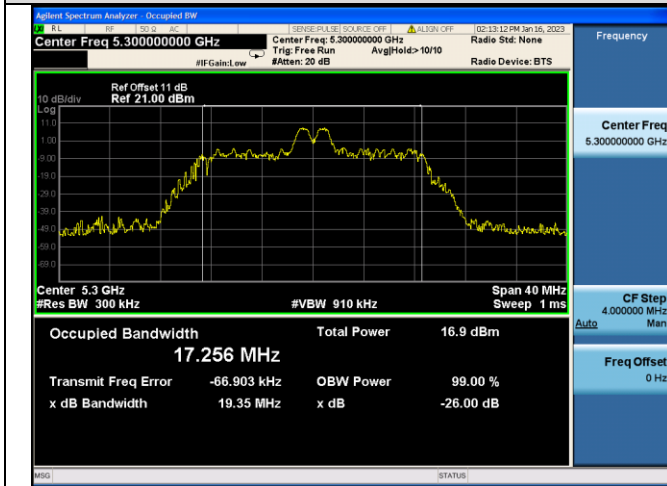
IEEE 802.11ax_Channel 44_20MHz_Antenna 1_RU&Index 26RU4



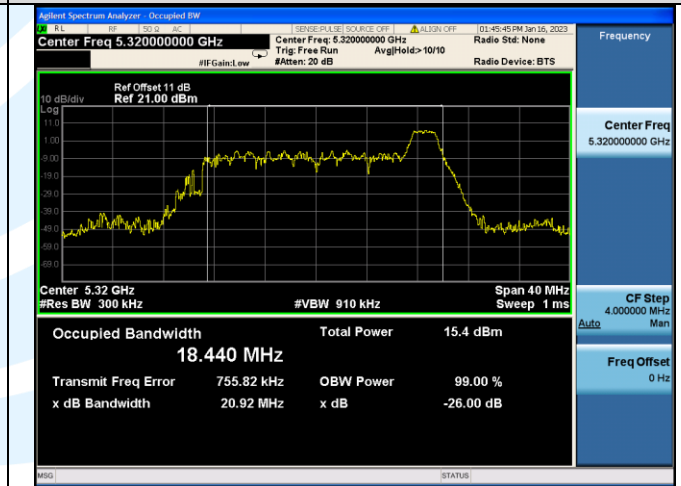
IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index 26RU8



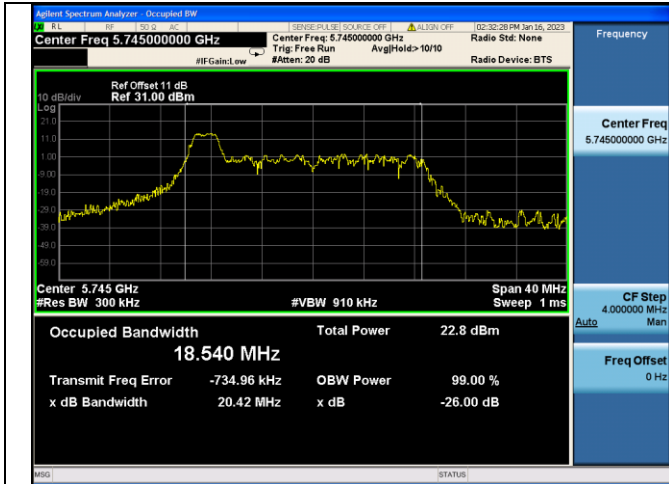
IEEE 802.11ax_Channel 52_20MHz_Antenna 1_RU&Index 26RU0



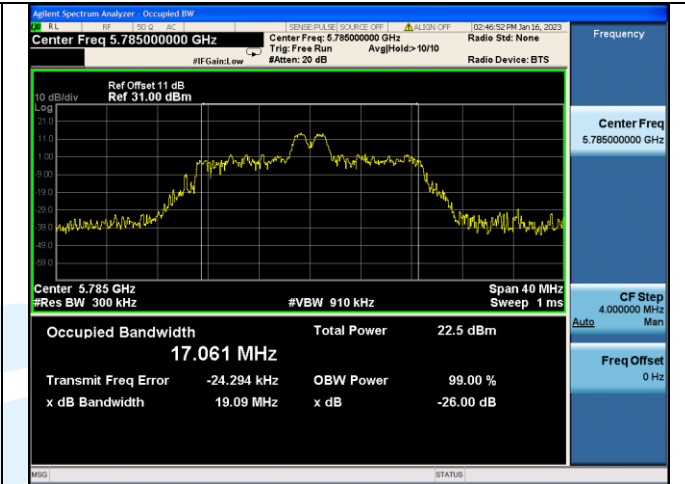
IEEE 802.11ax_Channel 60_20MHz_Antenna 1_RU&Index 26RU4



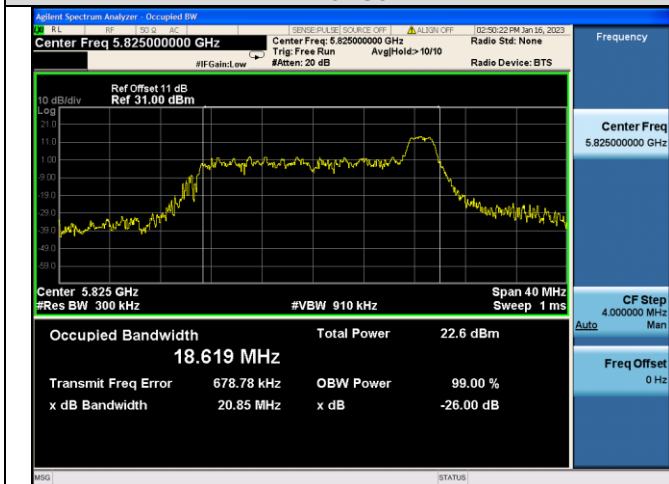
IEEE 802.11ax_Channel 64_20MHz_Antenna 1_RU&Index 26RU8



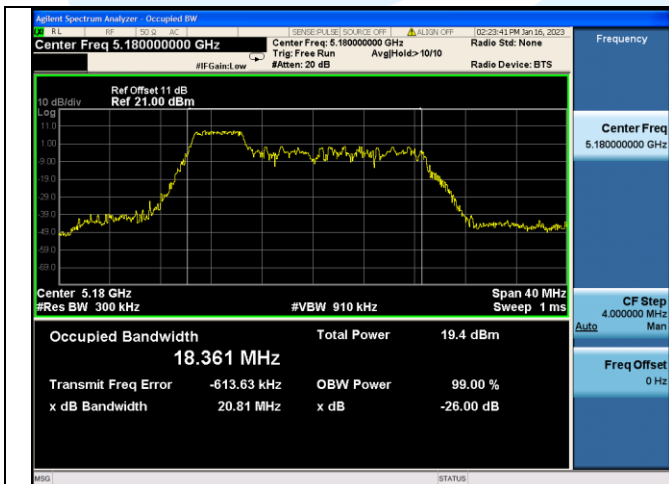
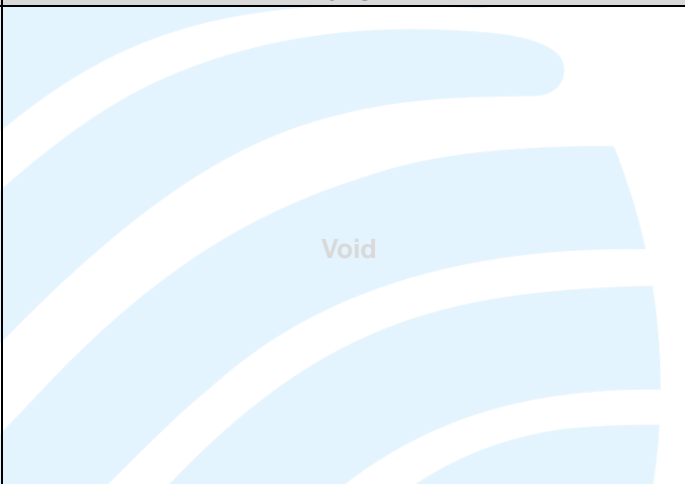
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index 26RU0



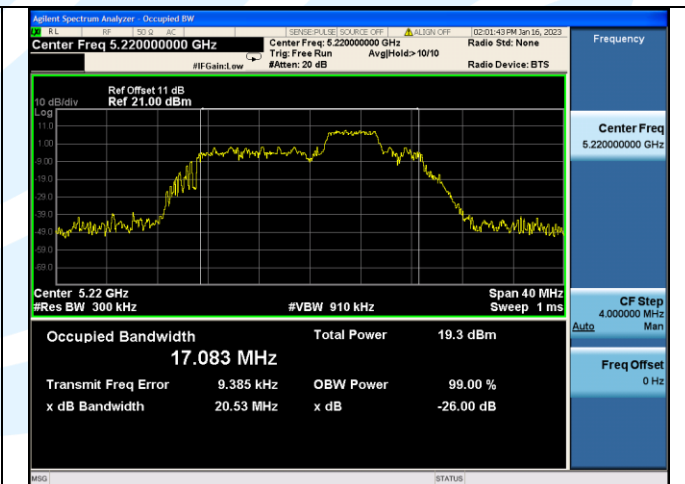
IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index 26RU4



IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index 26RU8



IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index 52RU37



IEEE 802.11ax_Channel 44_20MHz_Antenna 1_RU&Index 52RU39