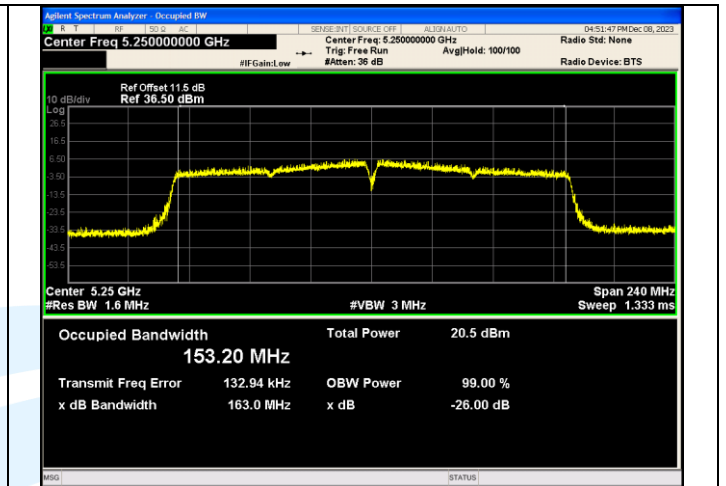
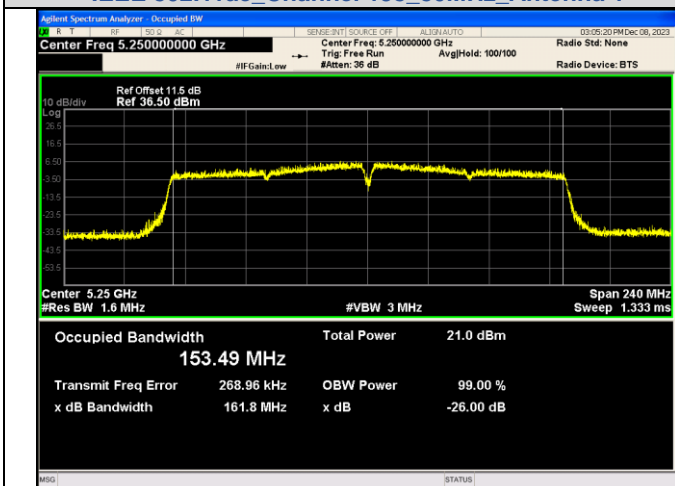


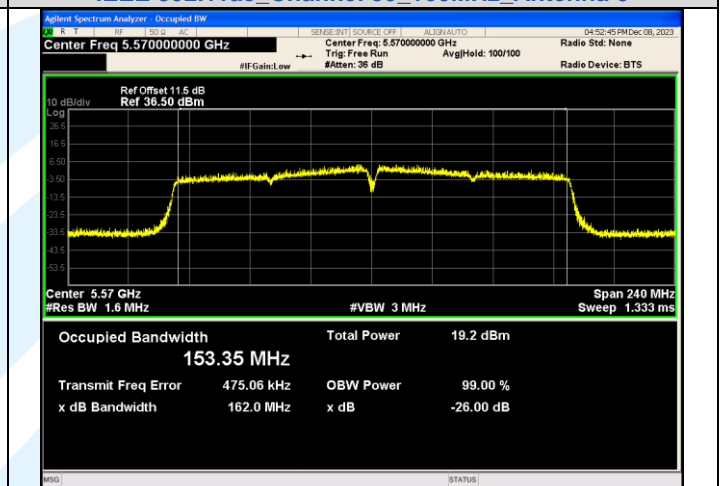
IEEE 802.11ac\_Channel 138\_80MHz\_Antenna 1



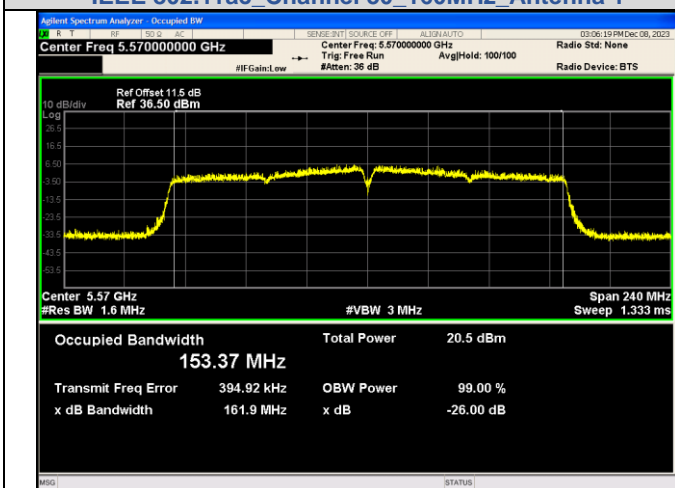
IEEE 802.11ac\_Channel 50\_160MHz\_Antenna 0



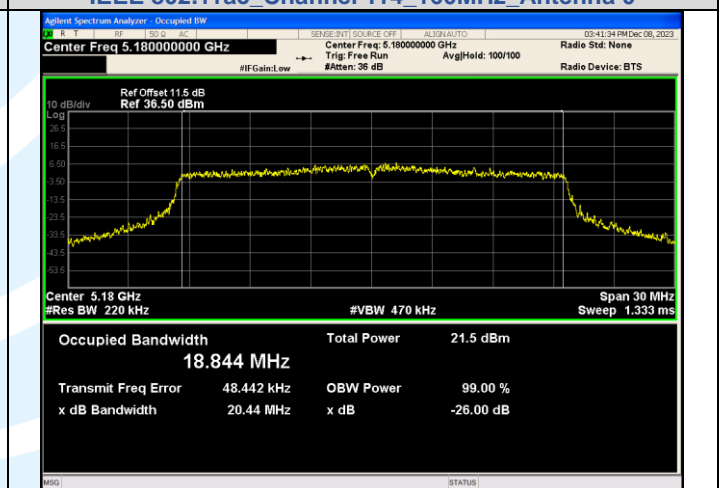
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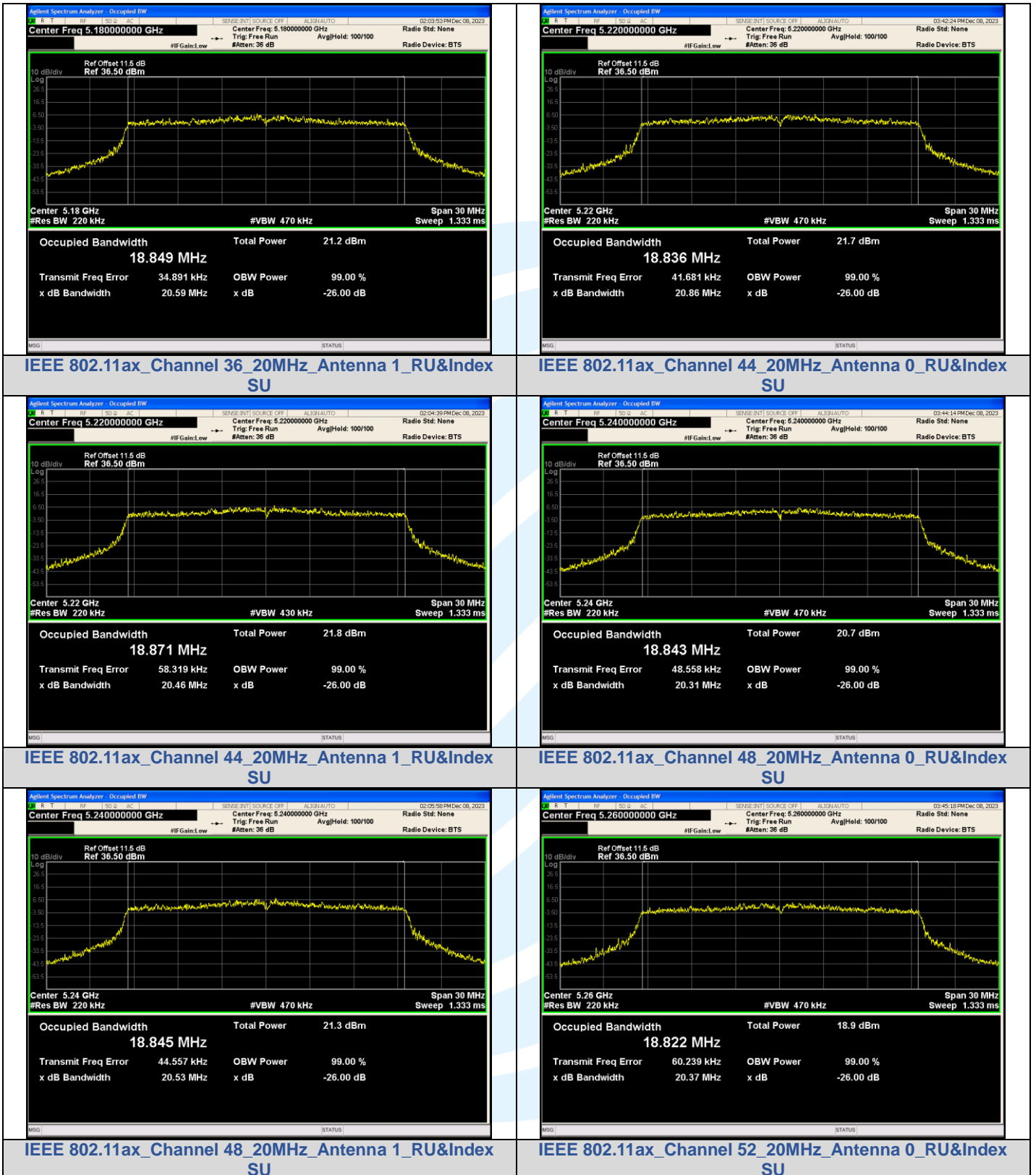
IEEE 802.11ac\_Channel 114\_160MHz\_Antenna 0

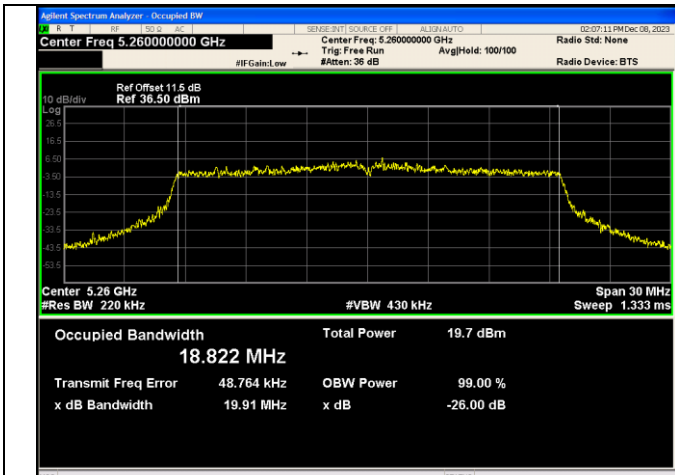


IEEE 802.11ac\_Channel 114\_160MHz\_Antenna 1

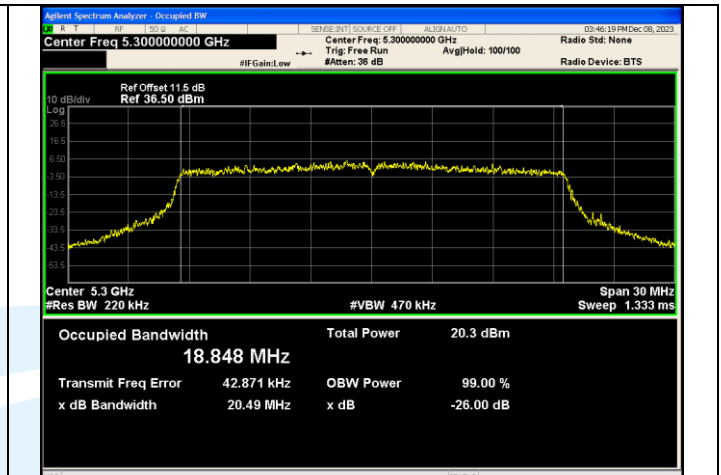


IEEE 802.11ax\_Channel 36\_20MHz\_Antenna 0\_RU&Index SU

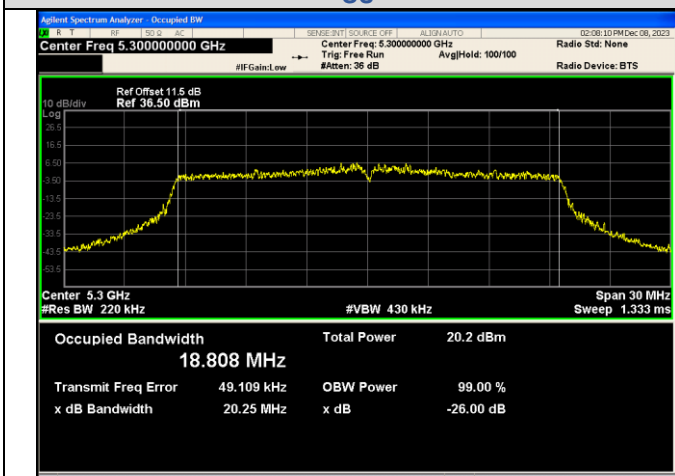




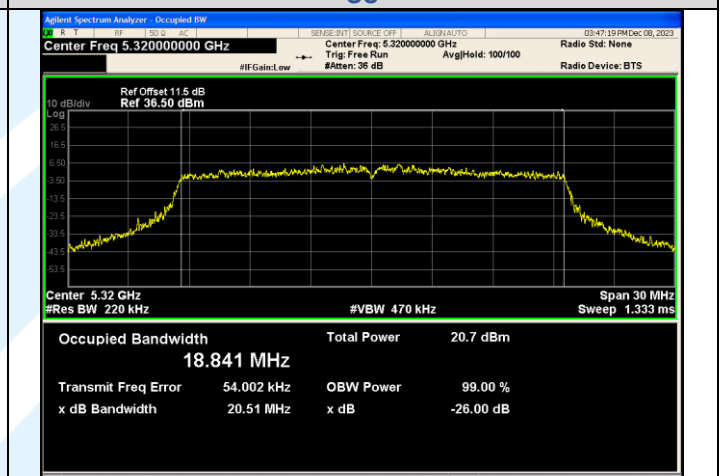
IEEE 802.11ax\_Channel 52\_20MHz\_Antenna 1\_RU&Index SU



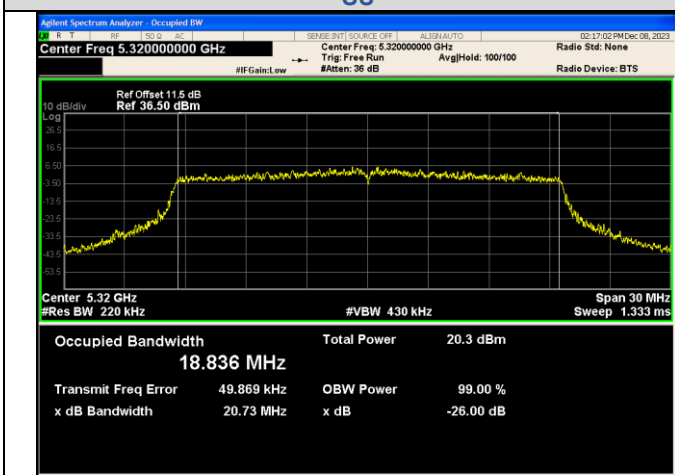
IEEE 802.11ax\_Channel 60\_20MHz\_Antenna 0\_RU&Index SU



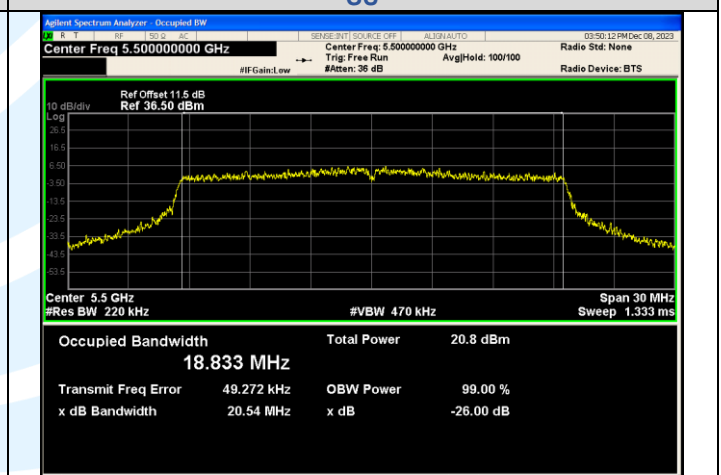
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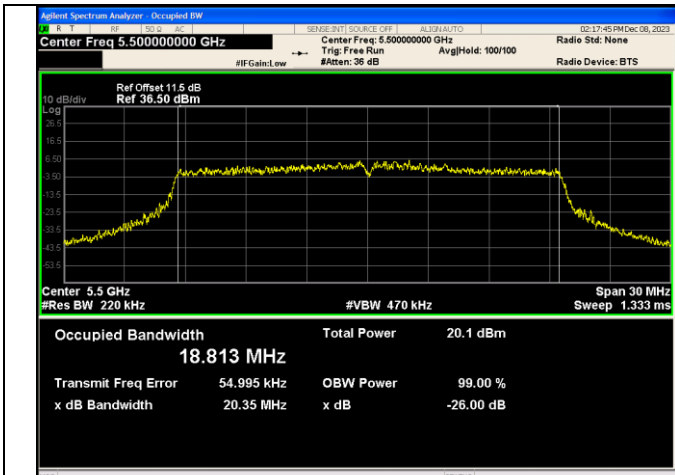
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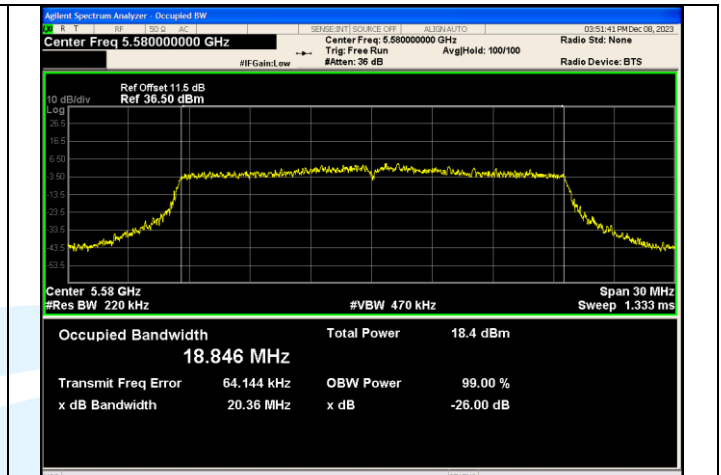
IEEE 802.11ax\_Channel 64\_20MHz\_Antenna 1\_RU&Index SU



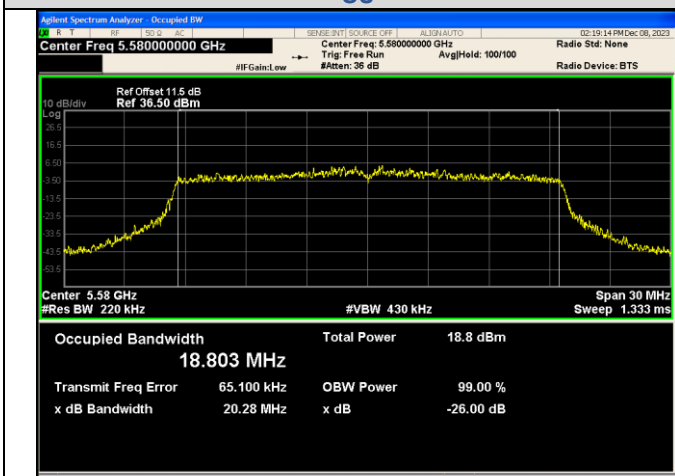
IEEE 802.11ax\_Channel 100\_20MHz\_Antenna 0\_RU&Index SU



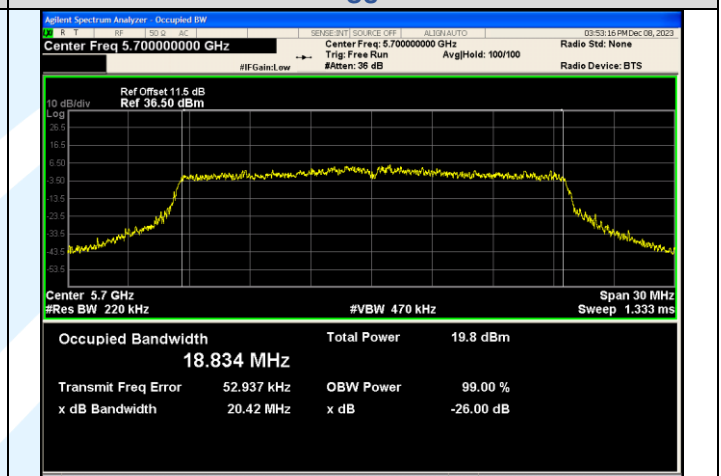
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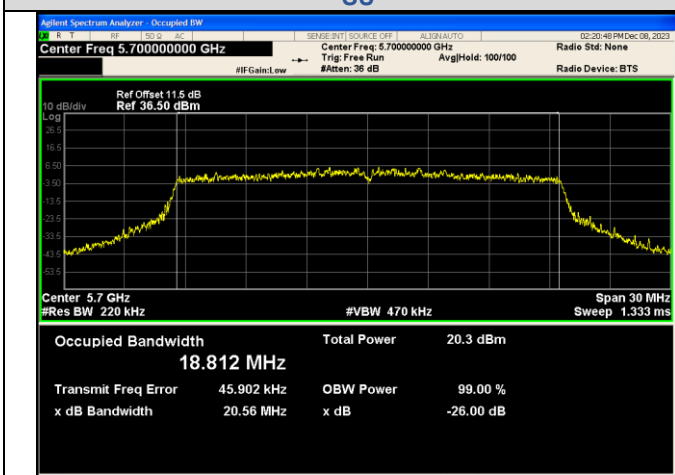
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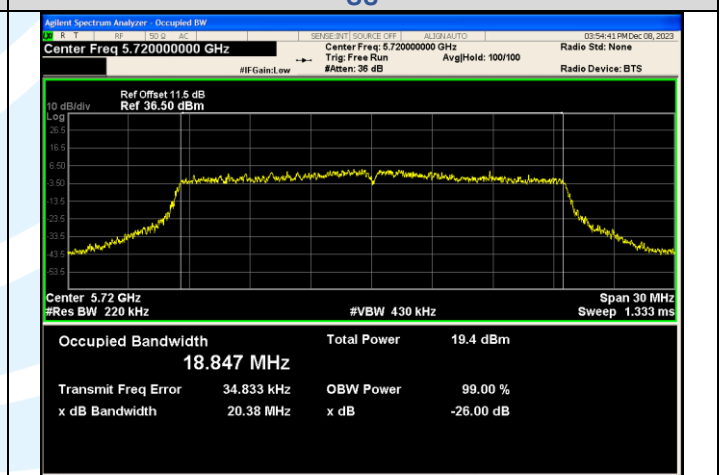
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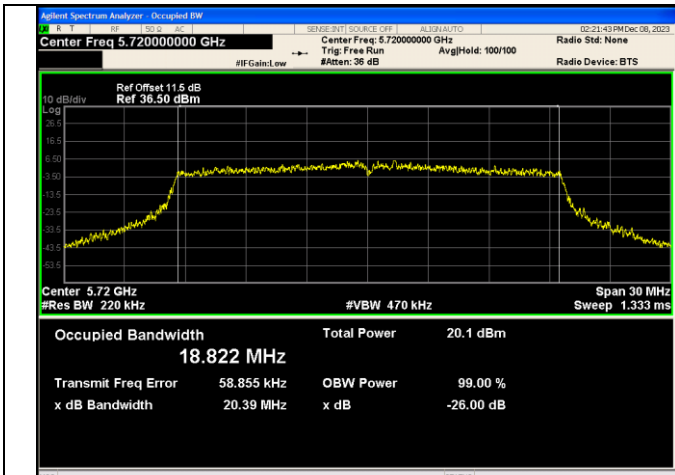
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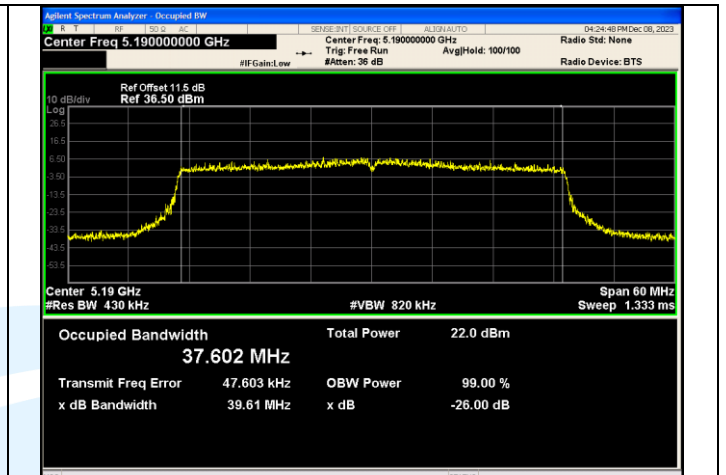
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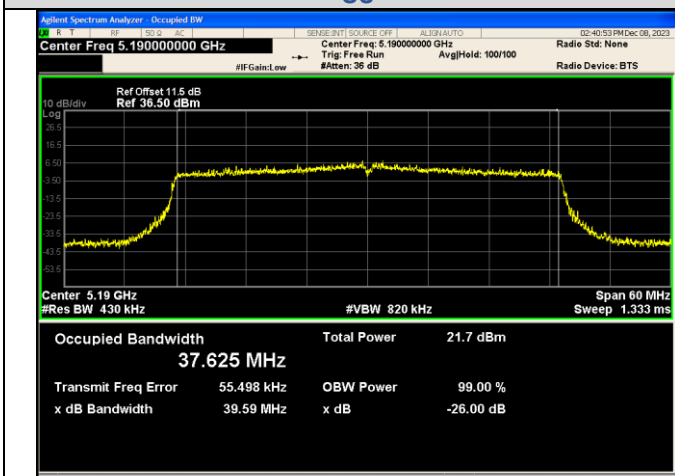
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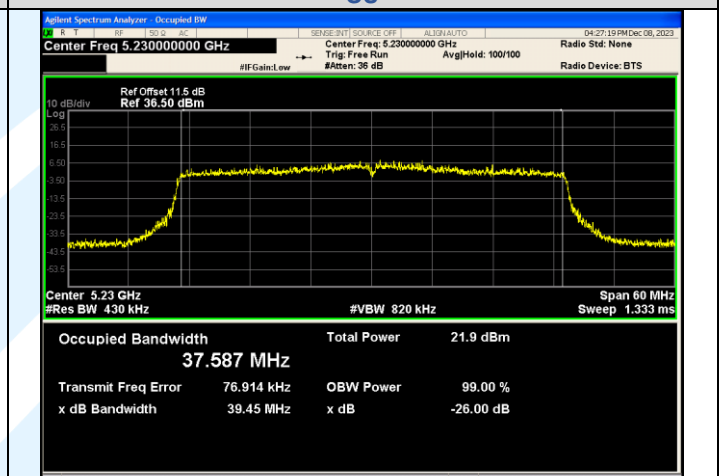
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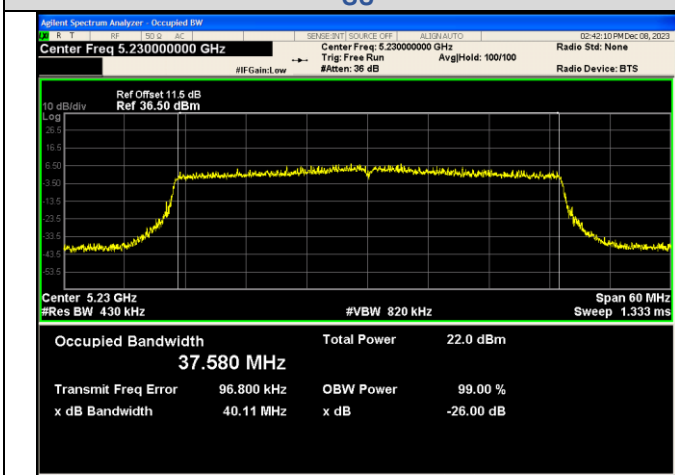
IEEE 802.11ax\_Channel 38\_40MHz\_Antenna 0\_RU&Index SU



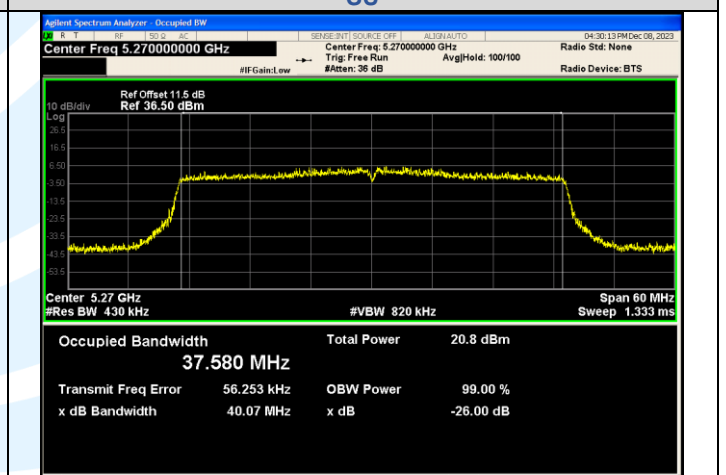
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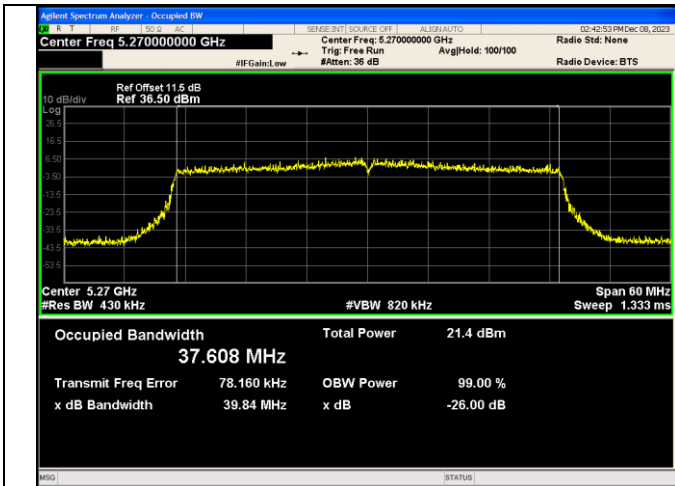
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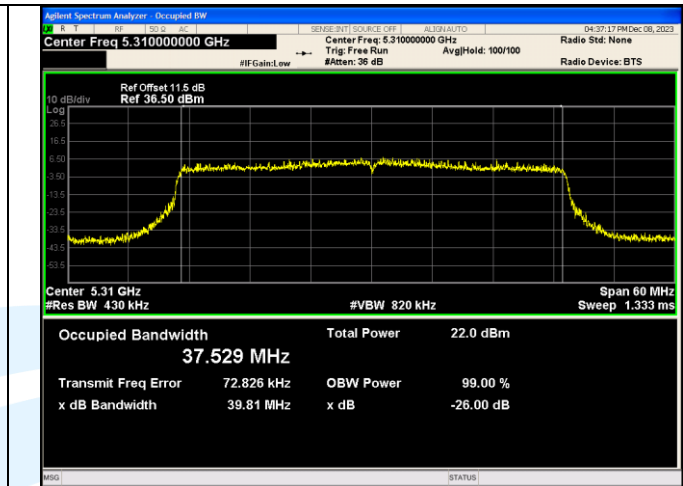
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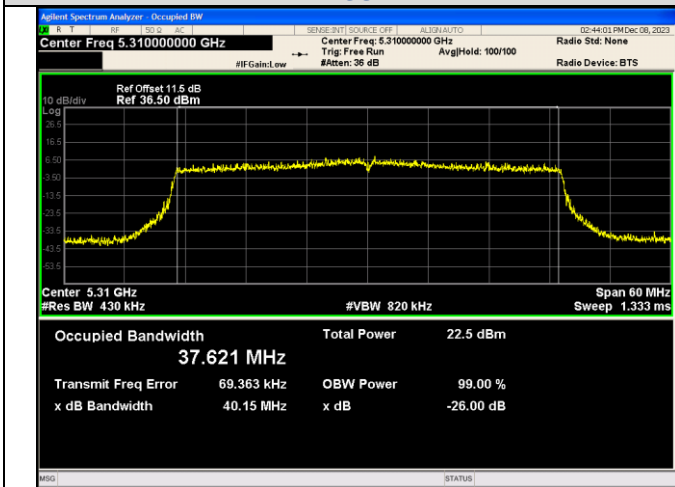
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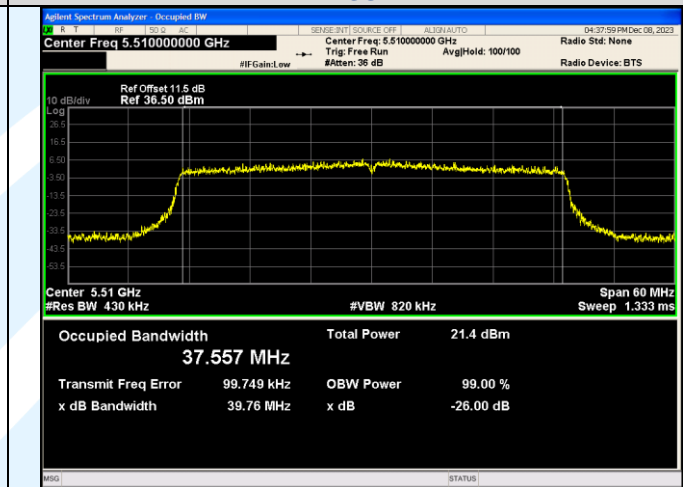
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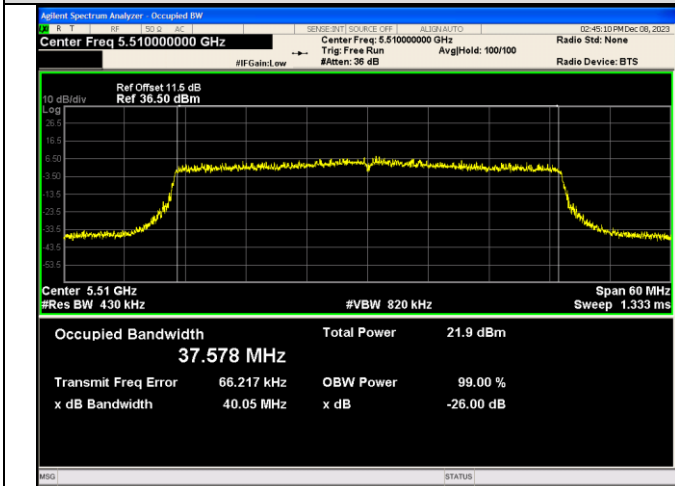
IEEE 802.11ax\_Channel 62\_40MHz\_Antenna 0\_RU&Index SU



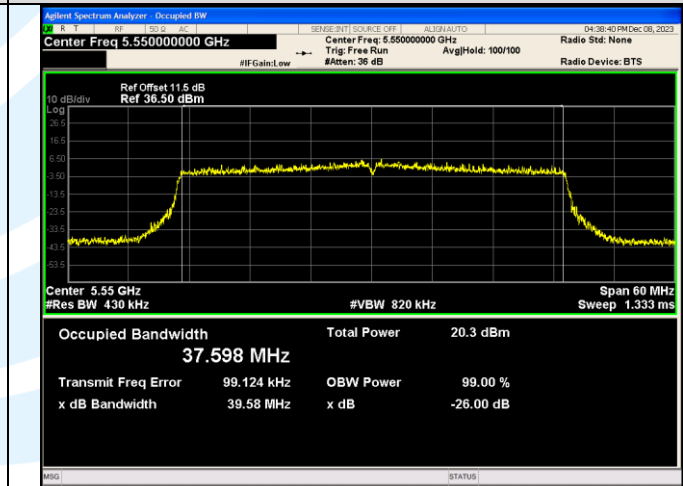
IEEE 802.11ax\_Channel 62\_40MHz\_Antenna 1\_RU&Index SU



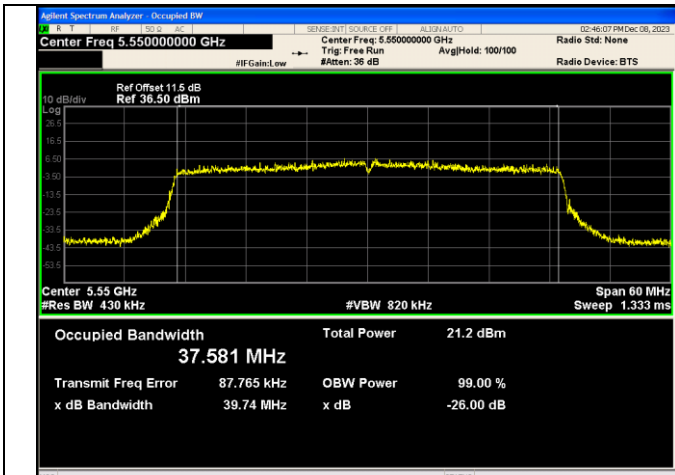
IEEE 802.11ax\_Channel 102\_40MHz\_Antenna 0\_RU&Index SU



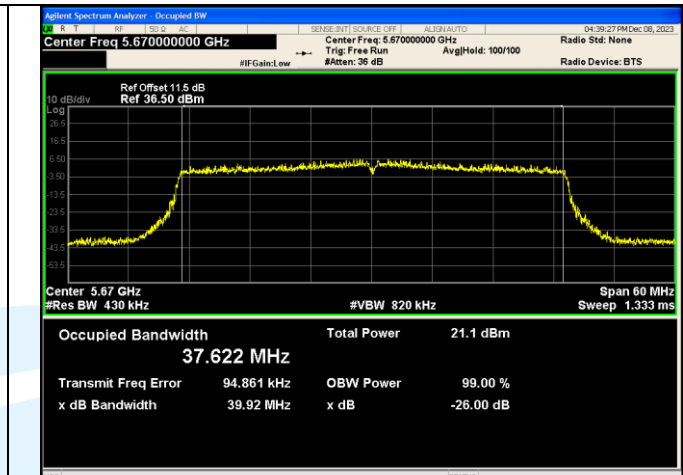
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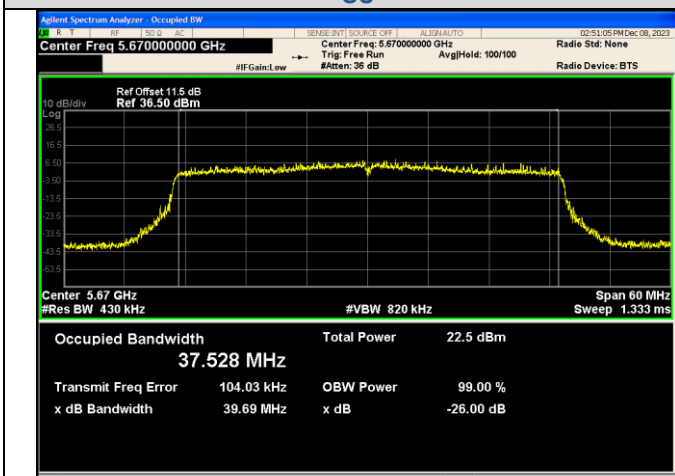
IEEE 802.11ax\_Channel 110\_40MHz\_Antenna 0\_RU&Index SU



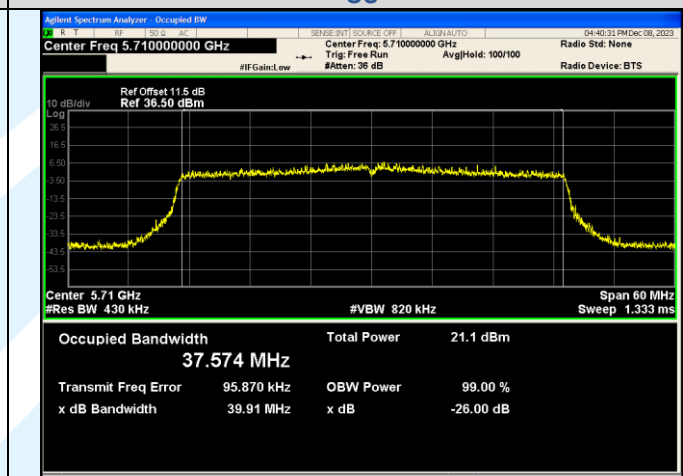
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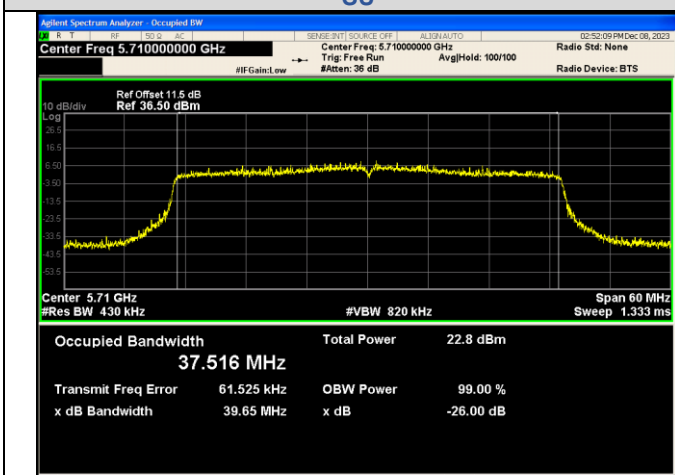
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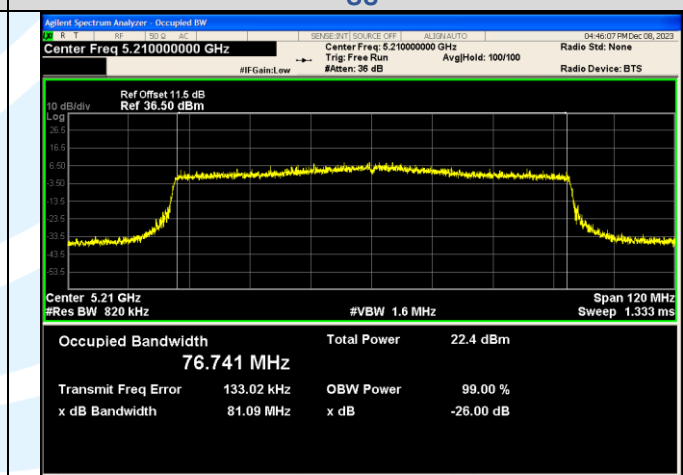
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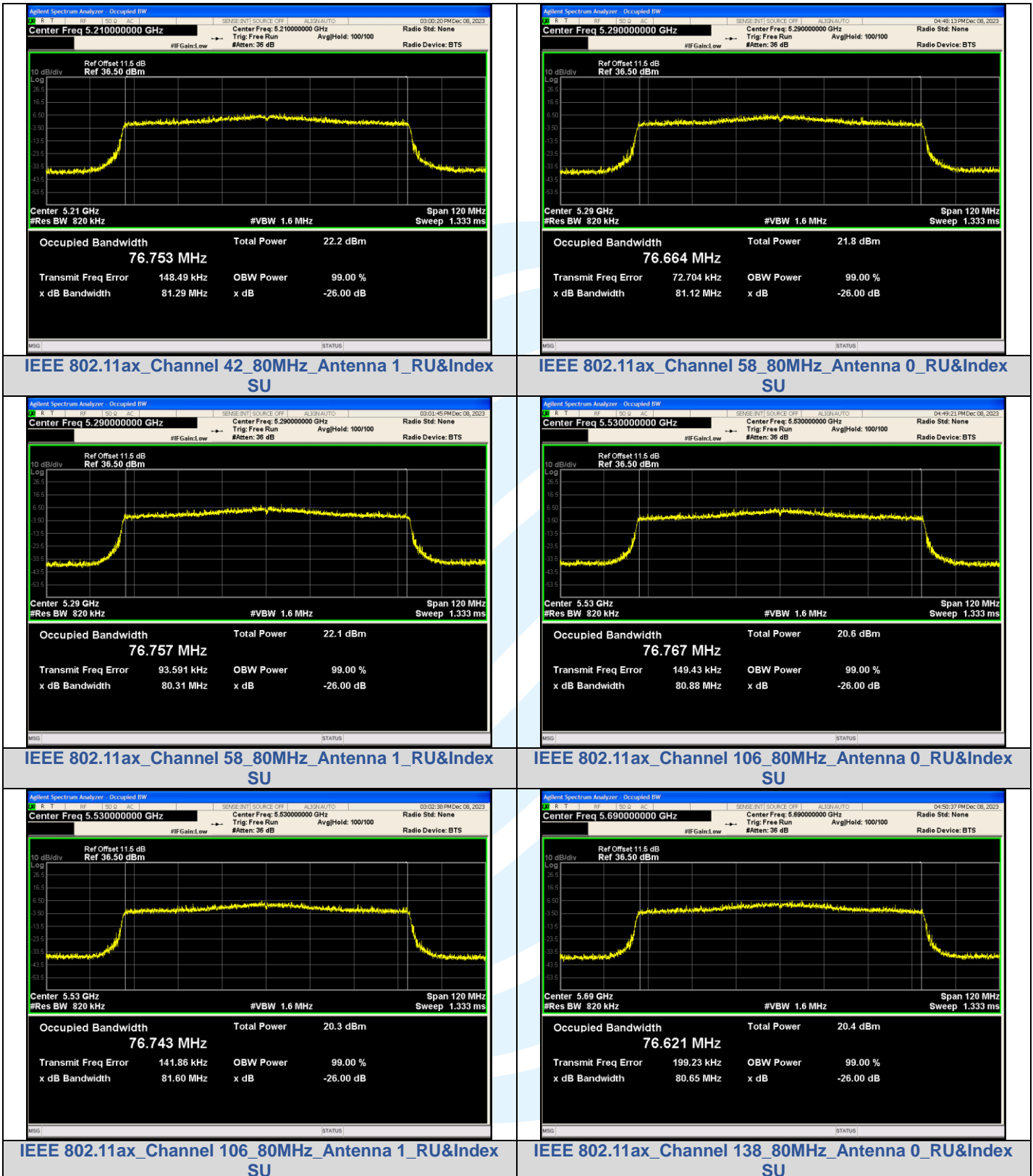
IEEE 802.11ax\_Channel 142\_40MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 142\_40MHz\_Antenna 1\_RU&Index SU



IEEE 802.11ax\_Channel 42\_80MHz\_Antenna 0\_RU&Index SU



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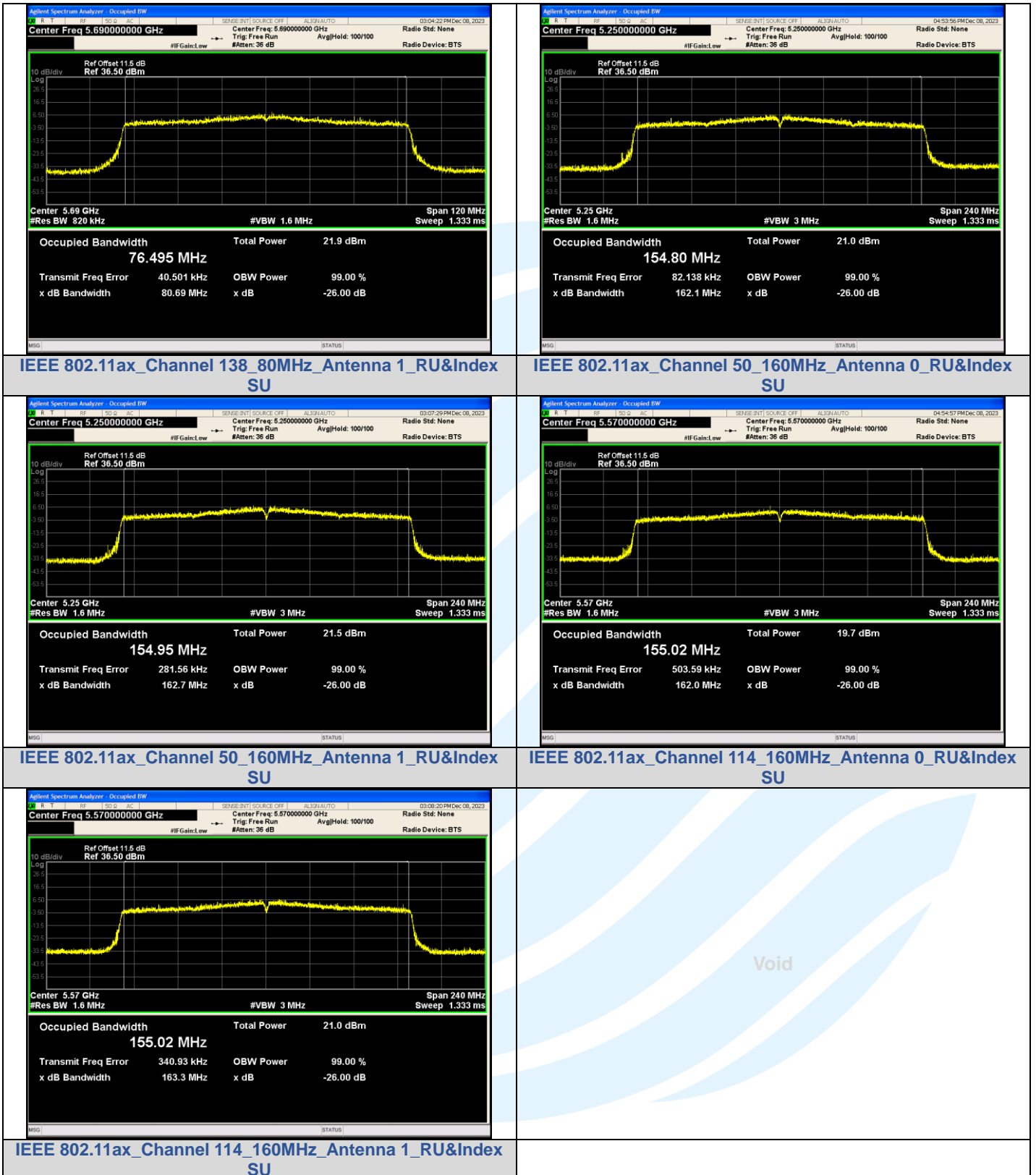
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UTTR-RF-EN300328-V1.2





### A.3 PEAK POWER SPECTRAL DENSITY

For U-NII-1, U-NII-2A and U-NII-2C Band:

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 1 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Ant. 1 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Total PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	N/A	0.610	0.980	1.050	1.420	N/A	15.84	PASS
	44		0.942	0.633	1.382	1.073	N/A		PASS
	48		0.336	0.513	0.776	0.953	N/A		PASS
	52		8.850	9.341	9.290	9.781	N/A	9.84	PASS
	60		8.449	9.052	8.889	9.492	N/A		PASS
	64		8.837	9.286	9.277	9.726	N/A		PASS
	100		9.022	9.364	9.462	9.804	N/A	9.84	PASS
	116		7.424	7.967	7.864	8.407	N/A		PASS
	140		8.640	8.593	9.080	9.033	N/A		PASS
	144		8.066	8.796	8.506	9.236	N/A		PASS
IEEE 802.11n_20	36	N/A	4.482	3.763	4.482	3.763	7.15	12.84	PASS
	44		4.565	4.396	4.565	4.396	7.49		PASS
	48		3.556	3.993	3.556	3.993	6.79		PASS
	52		2.746	3.193	2.746	3.193	5.99	6.84	PASS
	60		3.161	3.803	3.161	3.803	6.50		PASS
	64		3.518	3.975	3.518	3.975	6.76		PASS
	100		2.382	2.538	2.382	2.538	5.47	6.84	PASS
	116		0.422	1.117	0.422	1.117	3.79		PASS
	140		1.511	2.851	1.511	2.851	5.24		PASS
	144		1.694	2.811	1.694	2.811	5.30		PASS
IEEE 802.11n_40	38	N/A	-4.043	-3.965	-4.043	-3.965	-0.99	12.84	PASS
	46		-4.069	-4.135	-4.069	-4.135	-1.09		PASS
	54		-5.002	-4.583	-5.002	-4.583	-1.78	6.84	PASS
	62		-4.070	-2.982	-4.070	-2.982	-0.48		PASS
	102		-2.497	-2.267	-2.497	-2.267	0.63	6.84	PASS
	110		-3.628	-3.066	-3.628	-3.066	-0.33		PASS
	134		-2.859	-1.128	-2.859	-1.128	1.10		PASS
	142		-2.819	-1.323	-2.819	-1.323	1.00	PASS	
IEEE 802.11ac_20	36	N/A	4.251	3.865	4.251	3.865	7.07	12.84	PASS
	44		4.556	4.892	4.556	4.892	7.74		PASS
	48		3.399	3.655	3.399	3.655	6.54		PASS
	52		2.687	3.331	2.687	3.331	6.03	6.84	PASS
	60		3.478	3.882	3.478	3.882	6.69		PASS
	64		3.157	4.073	3.157	4.073	6.65		PASS
	100		2.813	3.722	2.813	3.722	6.30	6.84	PASS
	116		0.512	1.290	0.512	1.290	3.93		PASS
	140		1.758	2.703	1.758	2.703	5.27		PASS
	144		1.735	3.106	1.735	3.106	5.48		PASS
IEEE 802.11ac_40	38	N/A	-3.894	-3.920	-3.894	-3.920	-0.90	12.84	PASS
	46		-4.373	-3.443	-4.373	-3.443	-0.87		PASS
	54		-5.002	-4.485	-5.002	-4.485	-1.73	6.84	PASS
	62		-3.859	-3.104	-3.859	-3.104	-0.45		PASS
	102		-2.332	-2.056	-2.332	-2.056	0.82	6.84	PASS
	110		-3.717	-2.659	-3.717	-2.659	-0.15		PASS
	134		-3.217	-1.568	-3.217	-1.568	0.70		PASS
	142		-2.668	-1.376	-2.668	-1.376	1.04	PASS	
IEEE 802.11ac_80	42	N/A	-5.693	-5.859	-5.693	-5.859	-2.76	12.84	PASS
	58		-6.594	-5.965	-6.594	-5.965	-3.26	6.84	PASS
	106		-5.126	-4.435	-5.126	-4.435	-1.76	6.84	PASS
	138		-4.495	-2.881	-4.495	-2.881	-0.60	6.84	PASS
IEEE 802.11ac_160	50	N/A	-9.326	-8.389	-9.326	-8.389	-5.82	6.84	PASS
	114		-8.349	-7.400	-8.349	-7.400	-4.84	6.84	PASS

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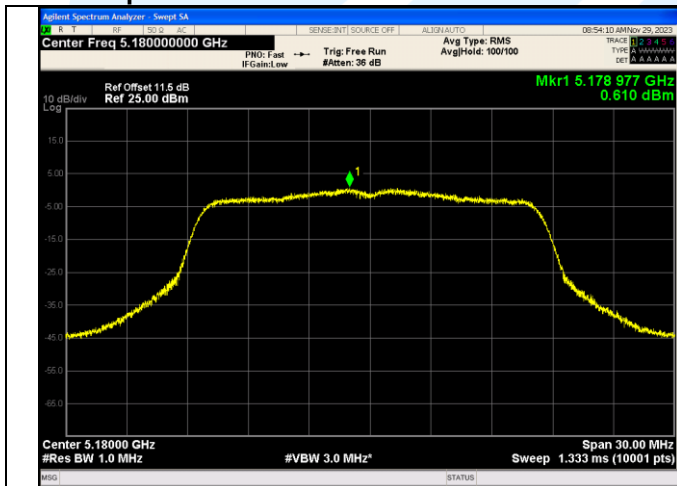
E-mail: info@uttlab.com

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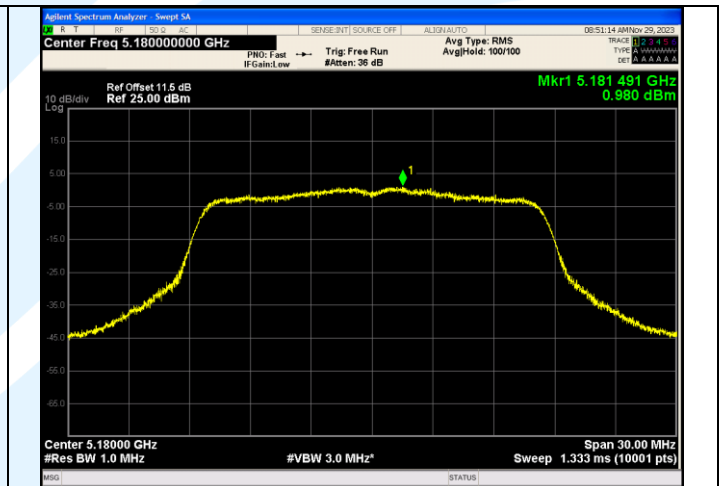
UTTR-RF-EN300328-V1.2

IEEE 802.11ax_2 0	36	SU	3.418	2.982	3.418	2.982	6.22	12.84	PASS
	44		3.536	3.854	3.536	3.854	6.71		PASS
	48		2.959	2.995	2.959	2.995	5.99		PASS
	52		1.999	2.301	1.999	2.301	5.16	6.84	PASS
	60		3.290	4.008	3.290	4.008	6.67		PASS
	64		3.357	3.920	3.357	3.920	6.66		PASS
	100		2.198	2.601	2.198	2.601	5.41	6.84	PASS
	116		0.030	0.729	0.030	0.729	3.40		PASS
140	1.293		2.183	1.293	2.183	4.77	PASS		
144	1.087		4.006	1.087	4.006	5.80	PASS		
IEEE 802.11ax_4 0	38		-4.377	-3.937	-4.377	-3.937	-1.14	12.84	PASS
	46		-4.176	-3.992	-4.176	-3.992	-1.07		PASS
	54		-5.455	-4.501	-5.455	-4.501	-1.94	6.84	PASS
	62		-4.254	-3.383	-4.254	-3.383	-0.79		PASS
	102	-1.641	-1.299	-1.641	-1.299	1.54	PASS		
	110	-2.761	-2.149	-2.761	-2.149	0.57	6.84	PASS	
	134	-2.119	-0.563	-2.119	-0.563	1.74		PASS	
142	-2.045	-0.732	-2.045	-0.732	1.67	PASS			
IEEE 802.11ax_8 0	42	-5.740	-5.881	-5.740	-5.881	-2.80	12.84	PASS	
	58	-4.110	-3.547	-4.110	-3.547	-0.81	6.84	PASS	
	106	-8.306	-7.202	-8.306	-7.202	-4.71	6.84	PASS	
	138	-7.348	-6.091	-7.348	-6.091	-3.66	6.84	PASS	
IEEE 802.11ax_1 60	50	-9.974	-9.062	-9.974	-9.062	-6.48	6.84	PASS	
	114	-11.244	-10.293	-11.244	-10.293	-7.73	6.84	PASS	

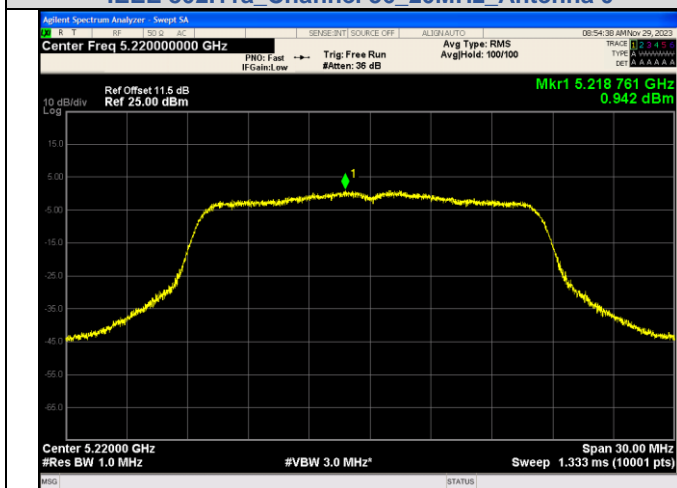
## Test Graphs



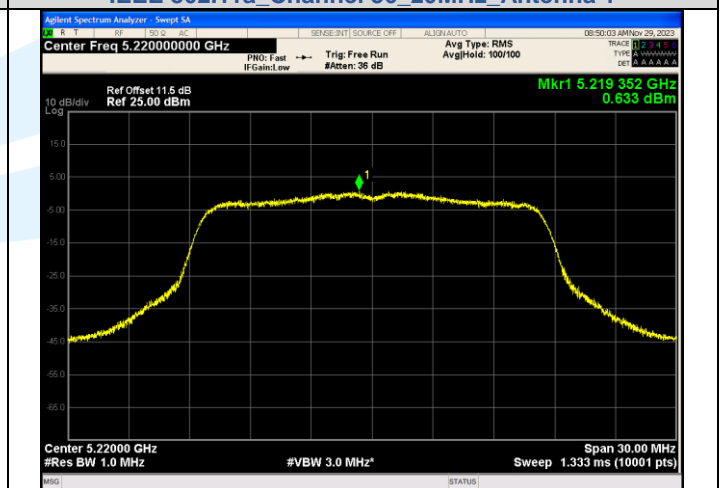
IEEE 802.11a\_Channel 36\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 36\_20MHz\_Antenna 1



IEEE 802.11a\_Channel 44\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 44\_20MHz\_Antenna 1

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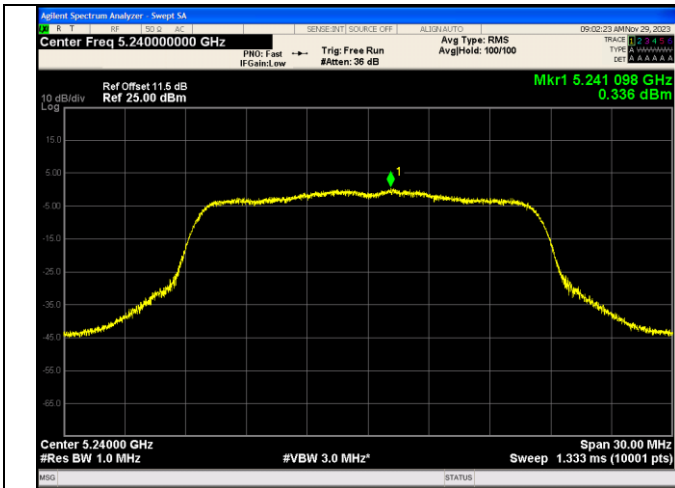
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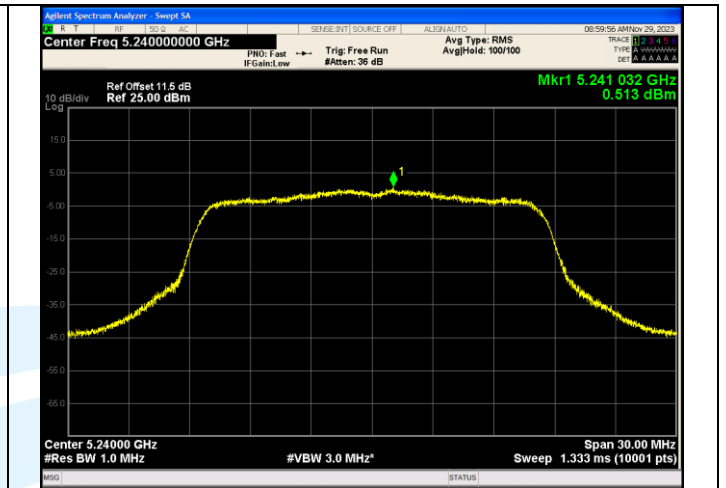
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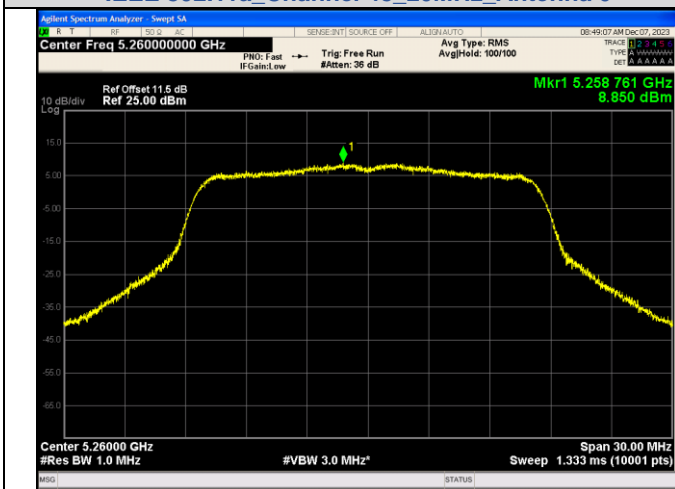
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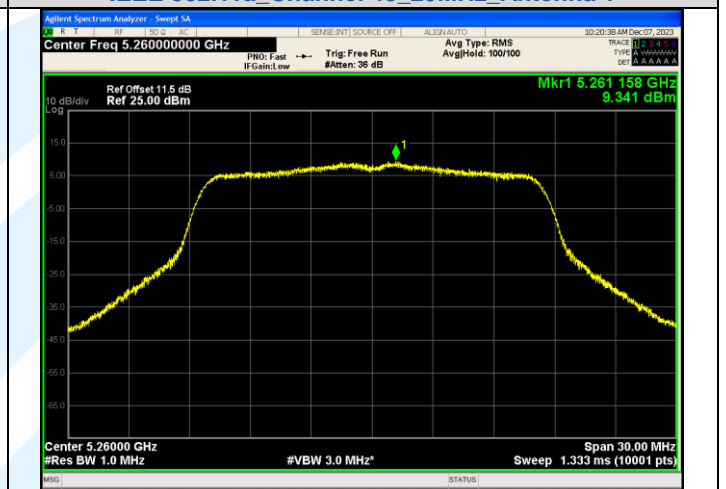
IEEE 802.11a\_Channel 48\_20MHz\_Antenna 0



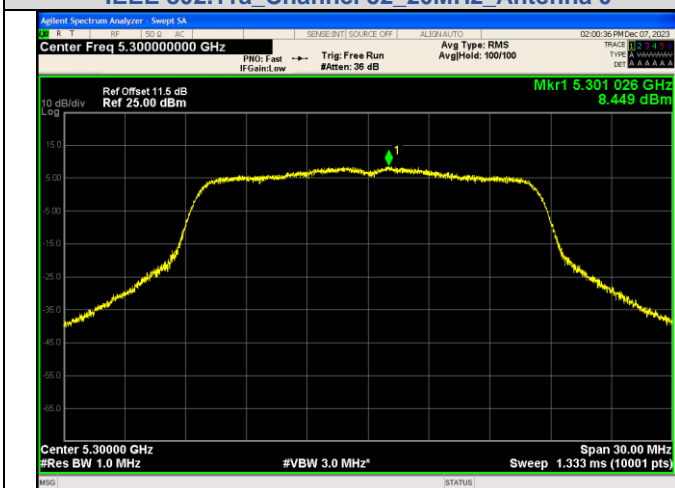
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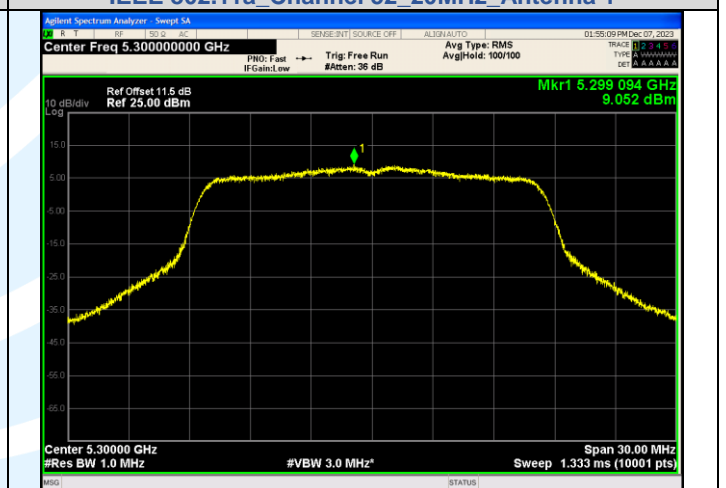
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 52\_20MHz\_Antenna 1



IEEE 802.11a\_Channel 60\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 60\_20MHz\_Antenna 1

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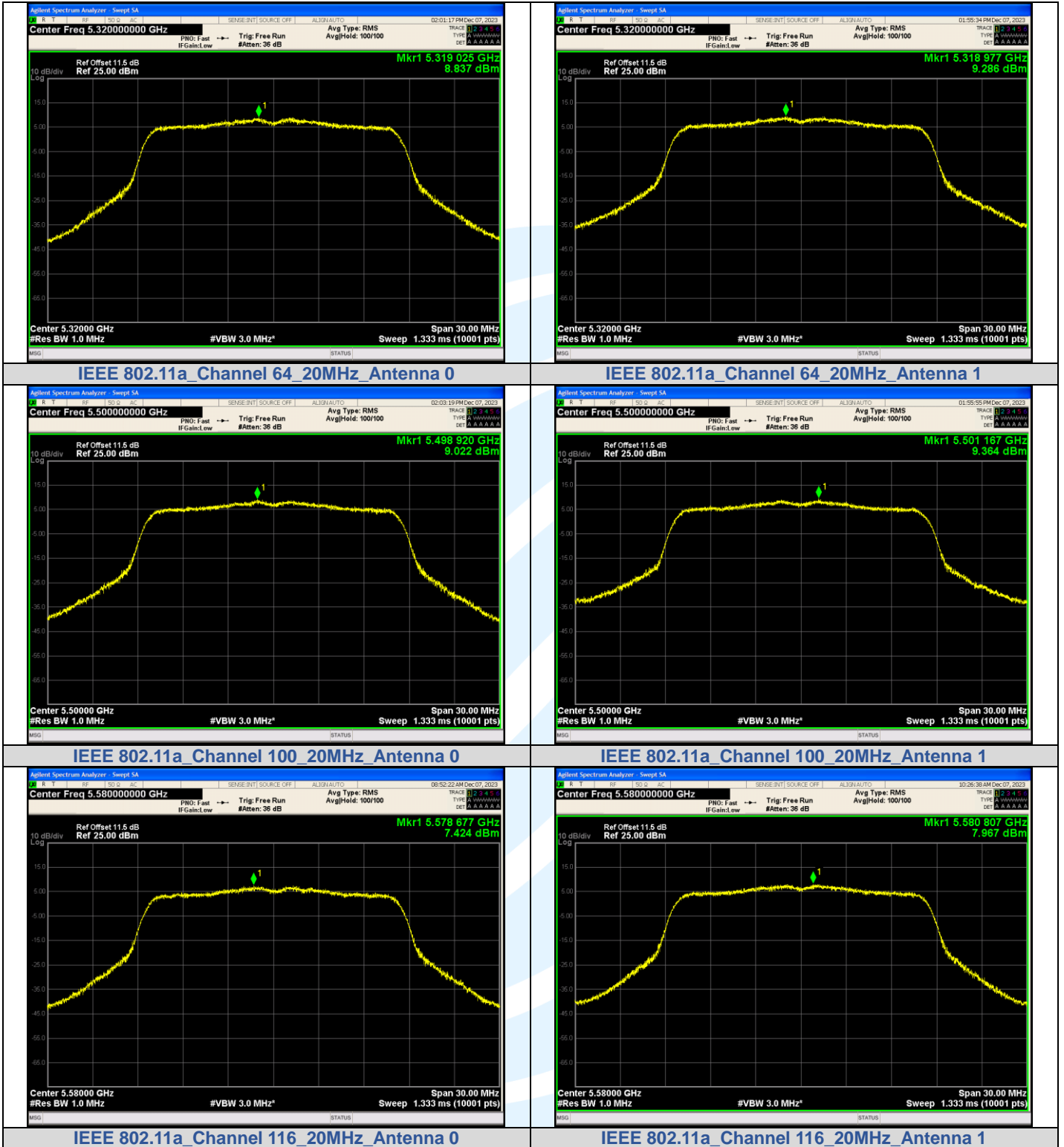
Tel: +86-755-28230888

Fax: +86-755-28230886

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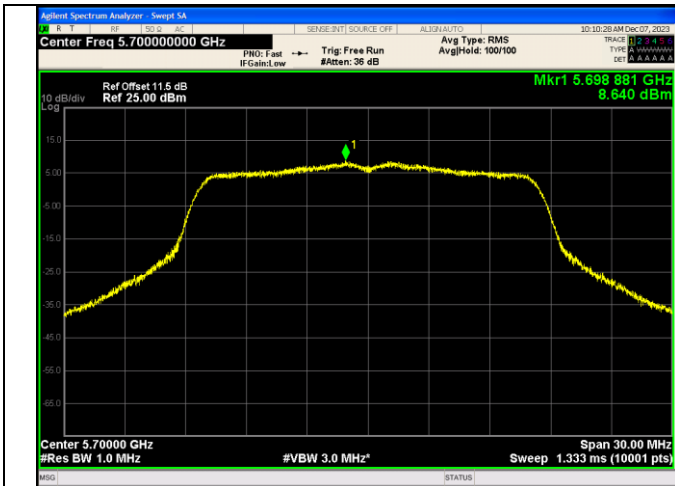
Tel: +86-755-28230888

Fax: +86-755-28230886

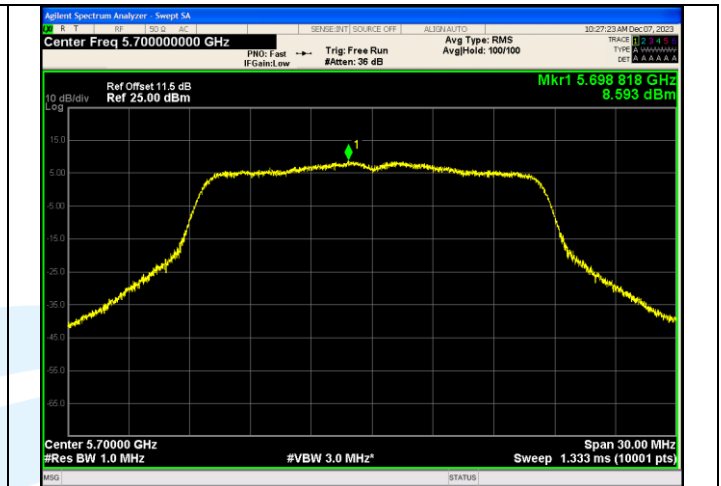
E-mail: info@uttlab.com

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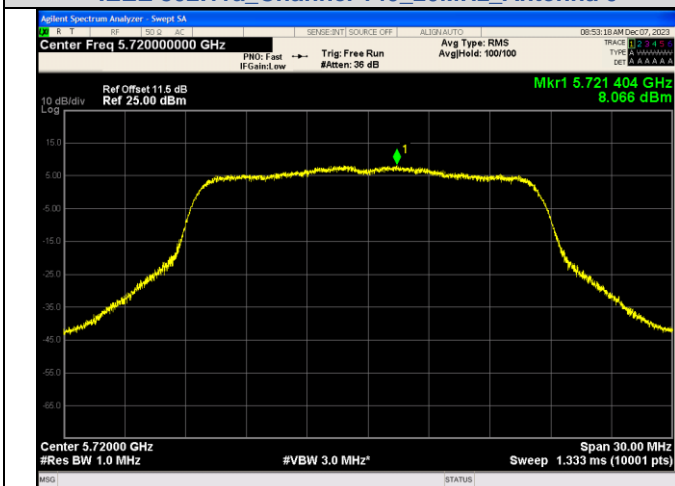
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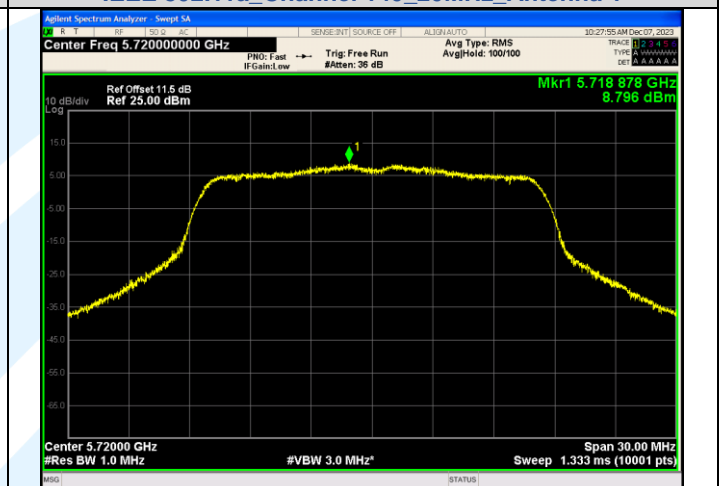
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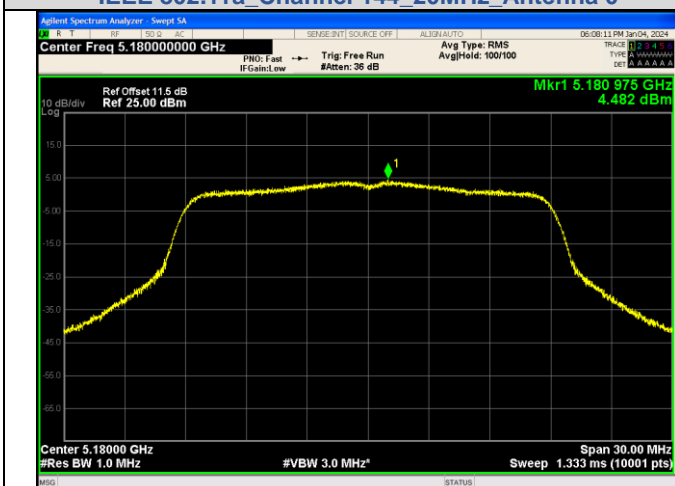
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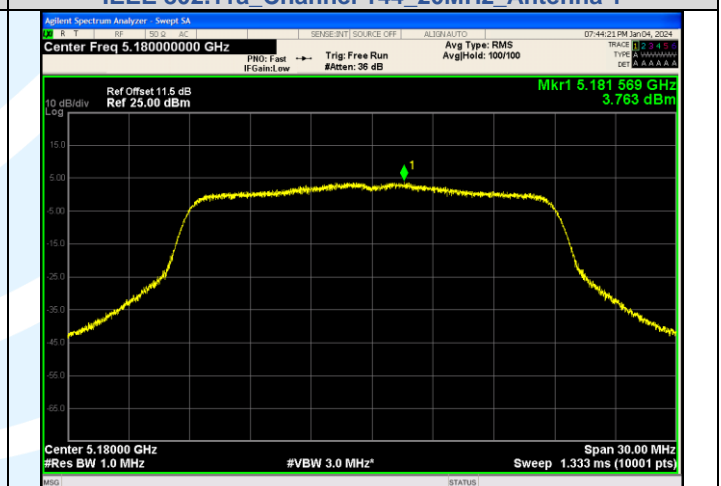
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IEEE 802.11a\_Channel 144\_20MHz\_Antenna 1



IEEE 802.11n\_Channel 36\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 36\_20MHz\_Antenna 1

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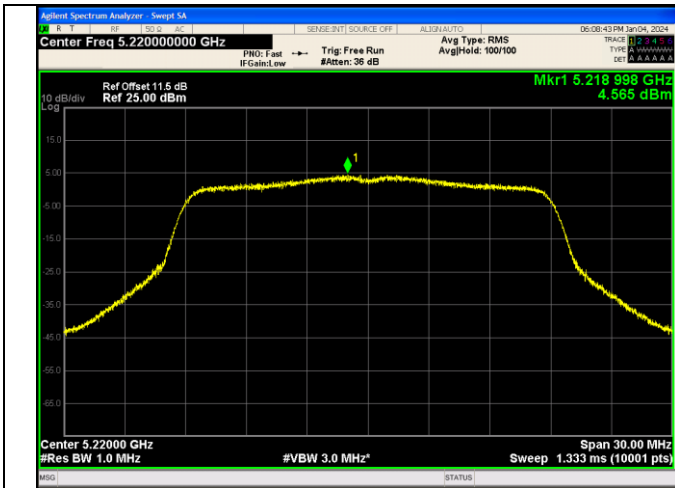
Tel: +86-755-28230888

Fax: +86-755-28230886

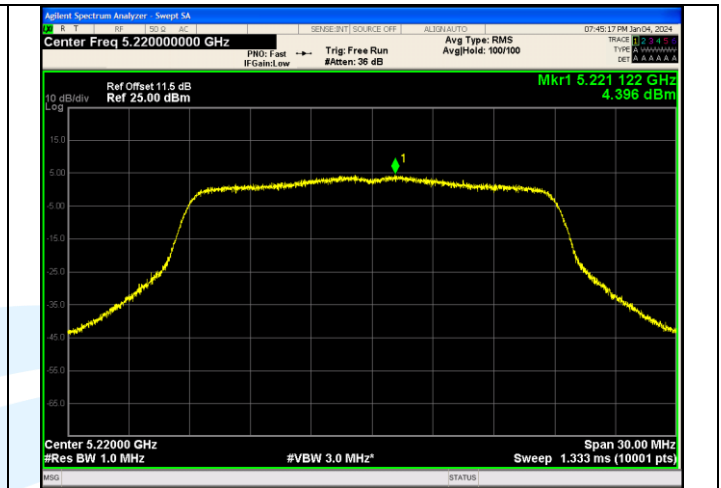
E-mail: info@uttlab.com

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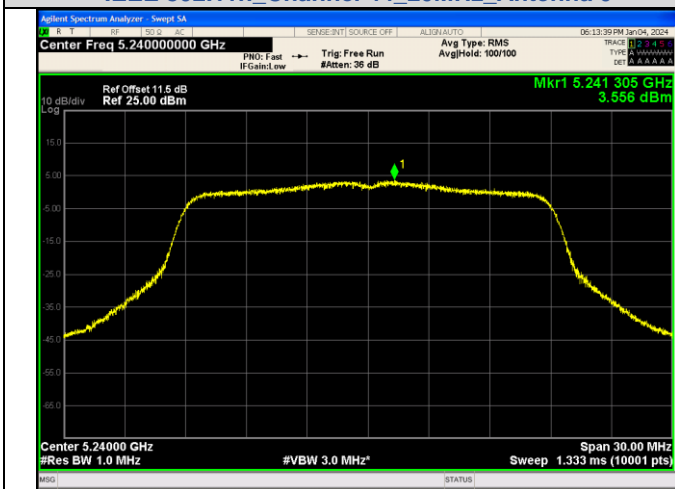
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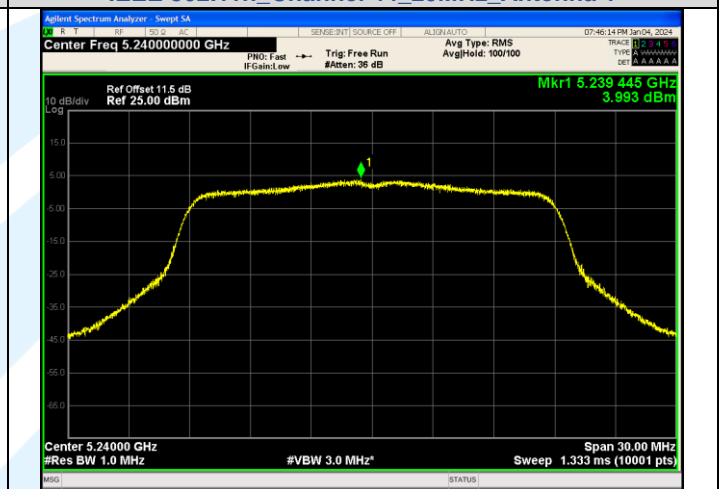
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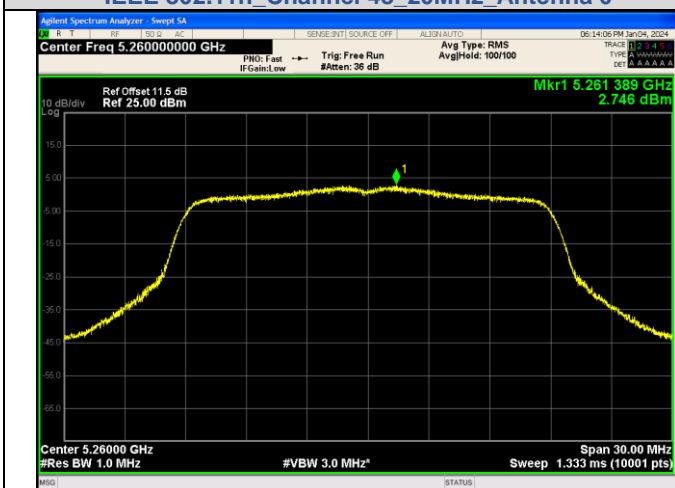
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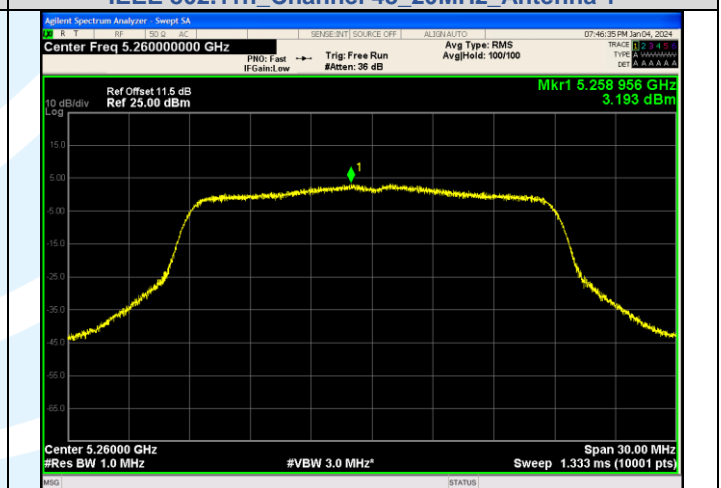
IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 48\_20MHz\_Antenna 1



IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 52\_20MHz\_Antenna 1

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