

Appendix D of data

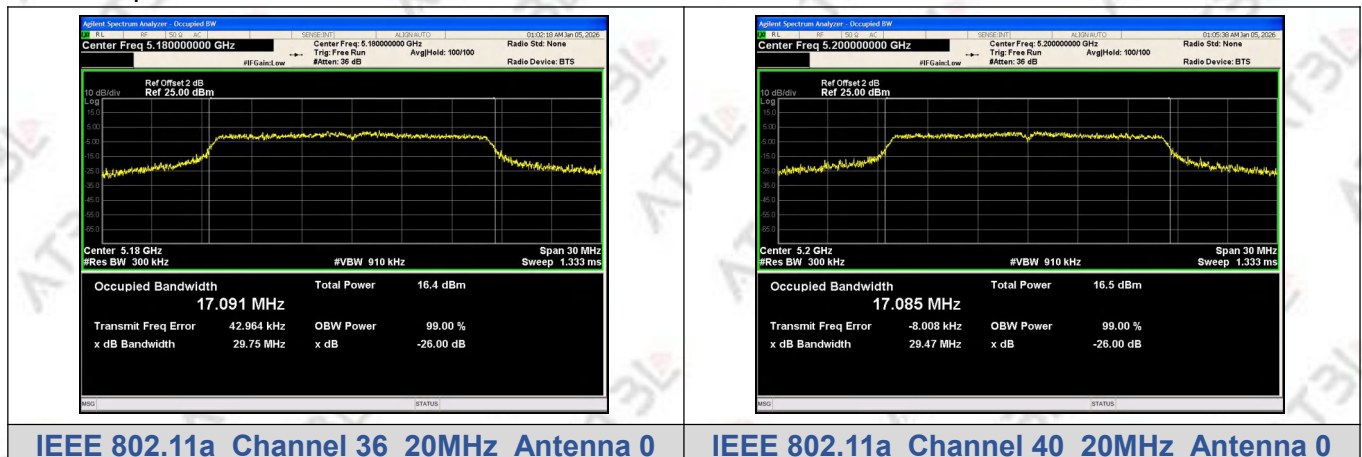
D1.Emission Bandwidth

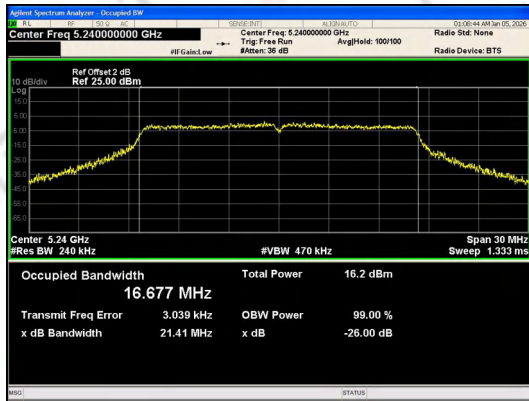
26dB Bandwidth

Test Result

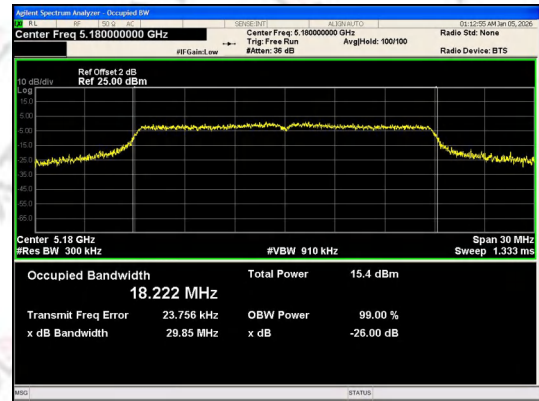
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	N/A	0	5180	29.75
	40			5200	29.47
	48			5240	21.41
IEEE 802.11n_20	36			5180	29.85
	40			5200	29.87
	48			5240	22.47
IEEE 802.11n_40	38			5190	48.55
	46			5230	40.35
IEEE 802.11ac_20	36			5180	28.63
	40			5200	29.48
	48			5240	22.67
IEEE 802.11ac_40	38			5190	47.29
	46			5230	40.56
IEEE 802.11ac_80	42			5210	107.45
IEEE 802.11ax_20	36	SU		5180	28.12
	40			5200	29.05
	48			5240	22.69
IEEE 802.11ax_40	38			5190	45.05
	46			5230	39.52
IEEE 802.11ax_80	42			5210	88.15

Test Graphs





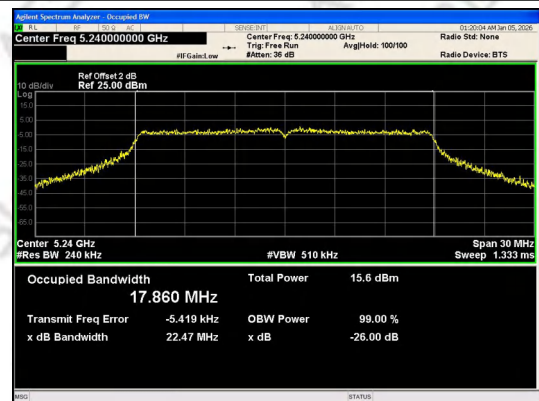
IEEE 802.11a_Channel 48_20MHz_Antenna 0



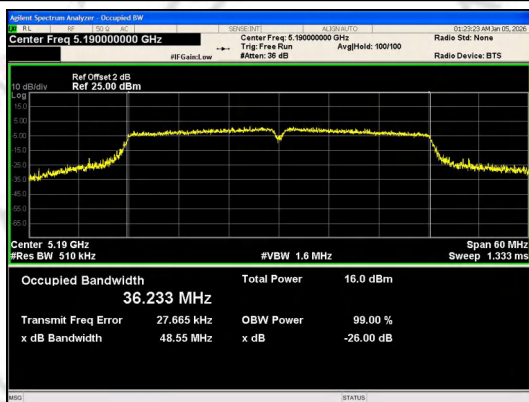
IEEE 802.11n_Channel 36_20MHz_Antenna 0



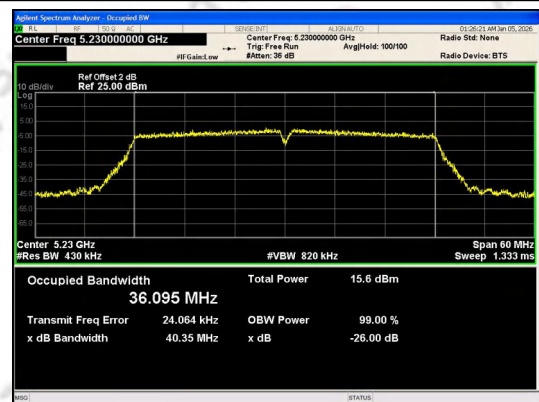
IEEE 802.11n_Channel 40_20MHz_Antenna 0



IEEE 802.11n_Channel 48_20MHz_Antenna 0



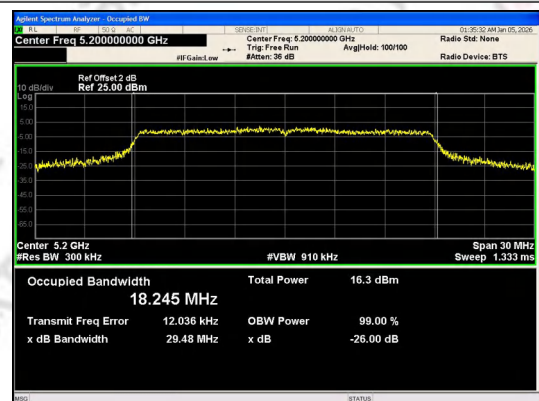
IEEE 802.11n_Channel 38_40MHz_Antenna 0



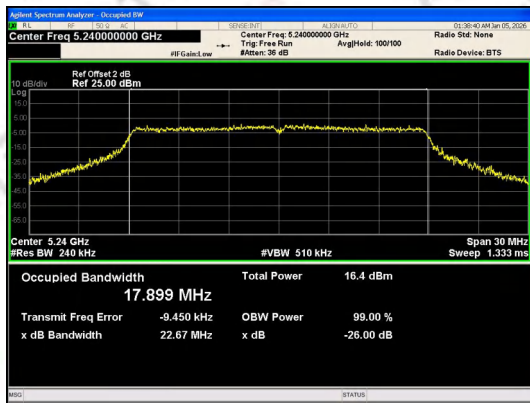
IEEE 802.11n_Channel 46_40MHz_Antenna 0



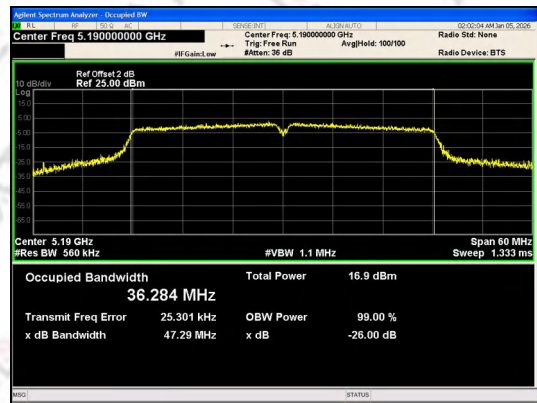
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



IEEE 802.11ac_Channel 40_20MHz_Antenna 0



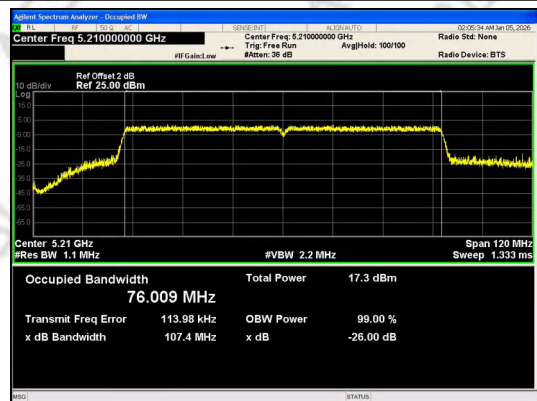
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



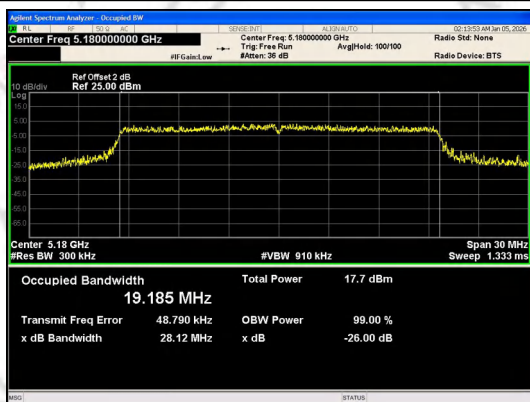
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



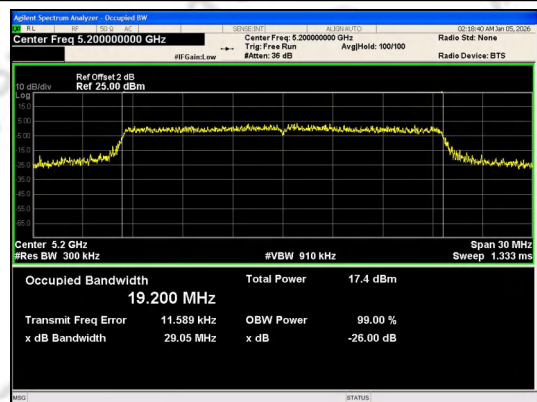
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



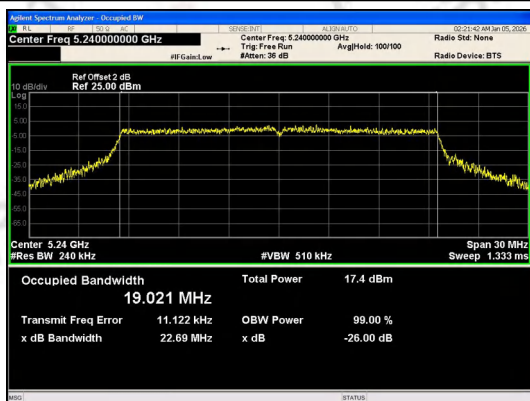
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



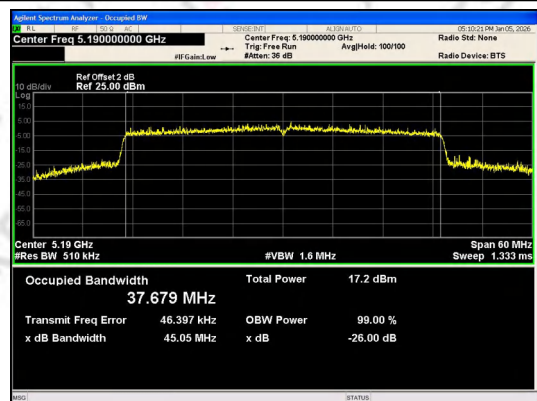
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



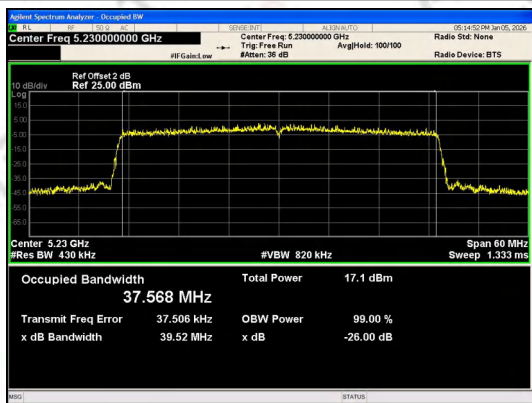
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



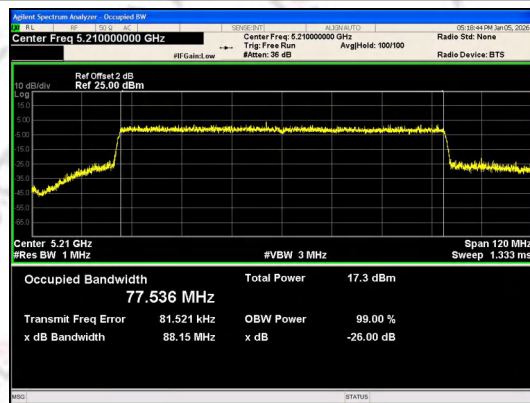
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 42_80MHz_Antenna
0_RU&Index SU

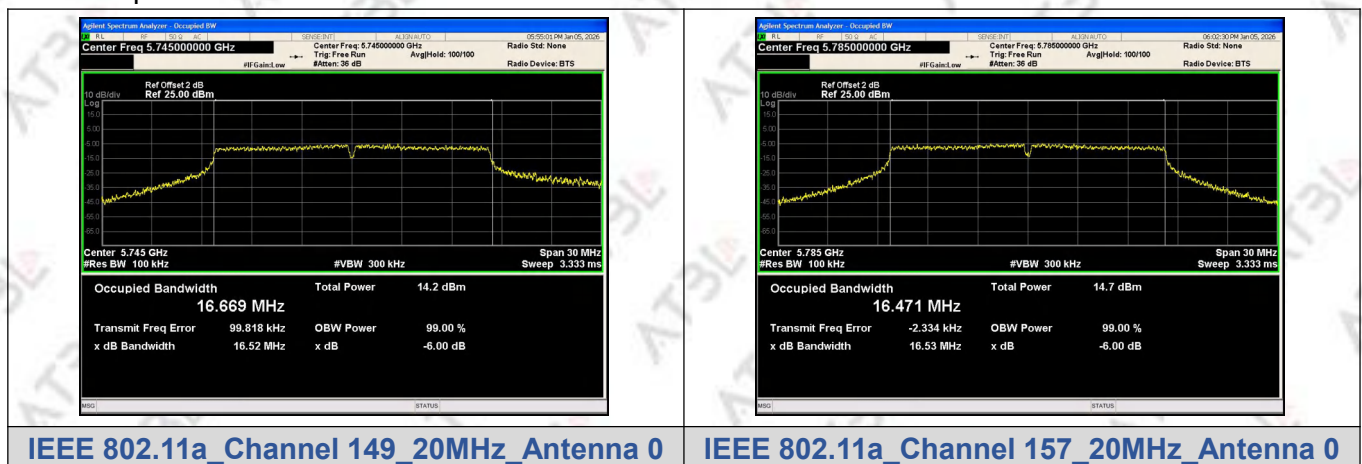
D2. Minimum Emission Bandwidth for the band 5.725–5.85 GHz

6dB Bandwidth

Test Result

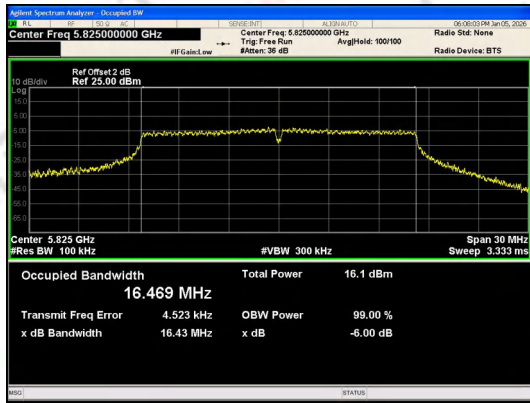
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	0	5745	16.52	≥0.5	PASS
	157			5785	16.53		PASS
	165			5825	16.43		PASS
IEEE 802.11n_20	149			5745	17.73		PASS
	157			5785	17.79		PASS
	165			5825	17.79		PASS
IEEE 802.11n_40	151			5755	36.06		PASS
	159			5795	36.32		PASS
IEEE 802.11ac_20	149			5745	17.73		PASS
	157			5785	17.76		PASS
	165			5825	17.79		PASS
IEEE 802.11ac_40	151			5755	36.30		PASS
	159			5795	36.32		PASS
IEEE 802.11ac_80	155			5775	76.46		PASS
IEEE 802.11ax_20	149	SU	5745	18.92	PASS		
	157		5785	19.21	PASS		
	165		5825	18.70	PASS		
IEEE 802.11ax_40	151		5755	36.99	PASS		
	159		5795	36.86	PASS		
IEEE 802.11ax_80	155		5775	77.84	PASS		

Test Graphs

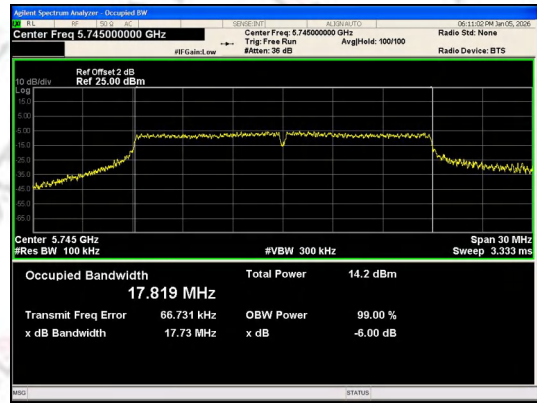


IEEE 802.11a_Channel 149_20MHz_Antenna 0

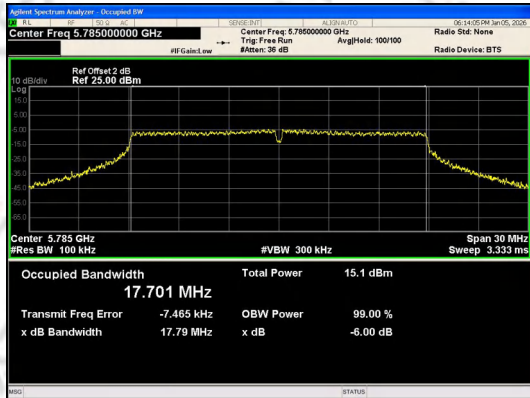
IEEE 802.11a_Channel 157_20MHz_Antenna 0



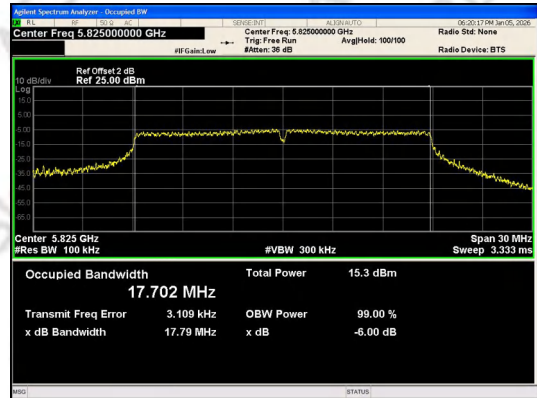
IEEE 802.11a_Channel 165_20MHz_Antenna 0



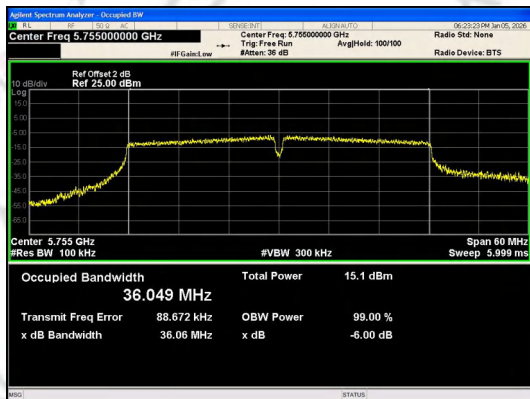
IEEE 802.11n_Channel 149_20MHz_Antenna 0



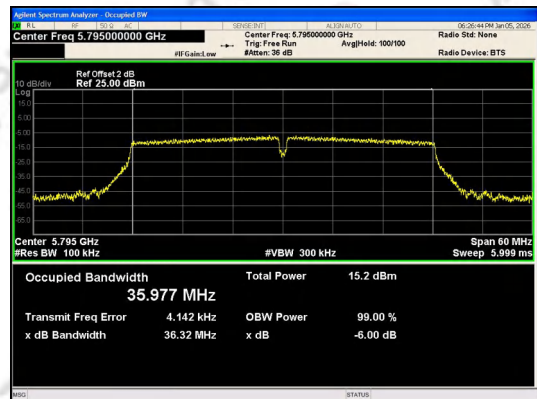
IEEE 802.11n_Channel 157_20MHz_Antenna 0



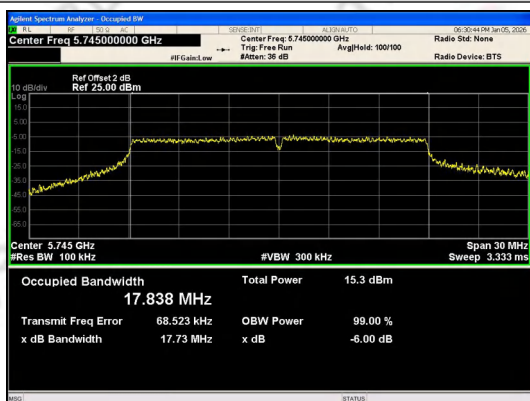
IEEE 802.11n_Channel 165_20MHz_Antenna 0



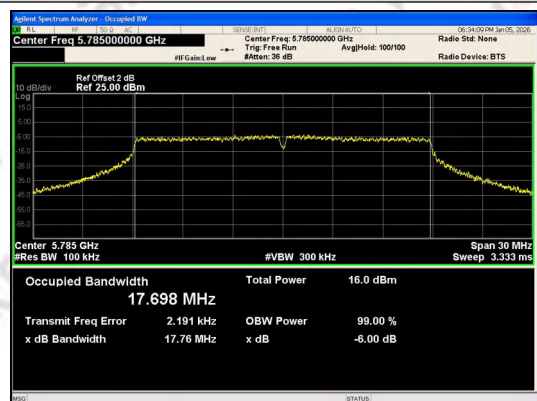
IEEE 802.11n_Channel 151_40MHz_Antenna 0



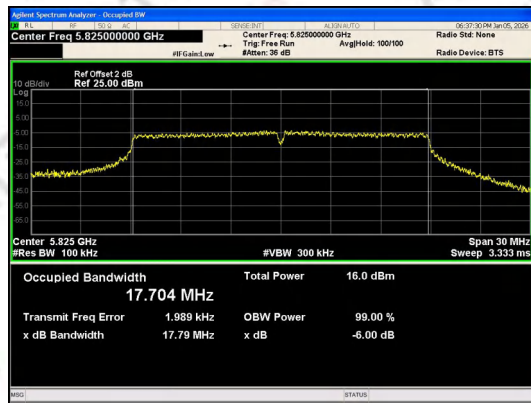
IEEE 802.11n_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 149_20MHz_Antenna 0

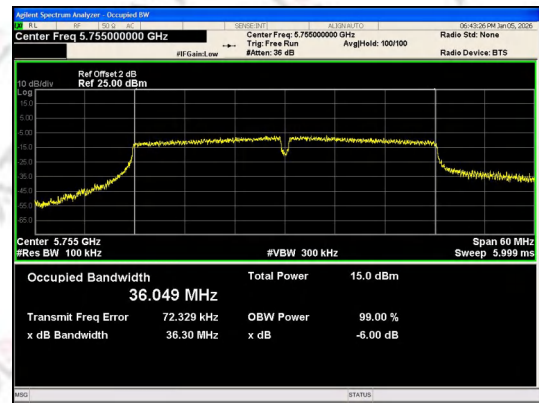


IEEE 802.11ac_Channel 157_20MHz_Antenna 0



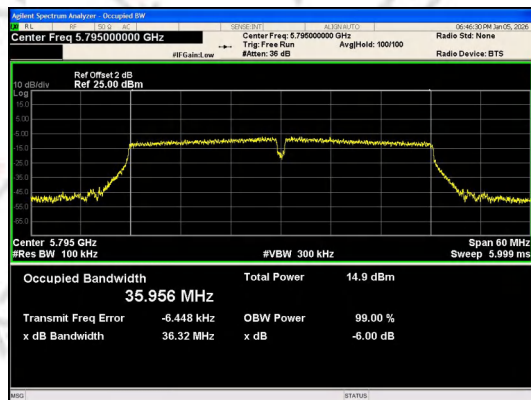
IEEE 802.11ac_Channel 165_20MHz_Antenna

0



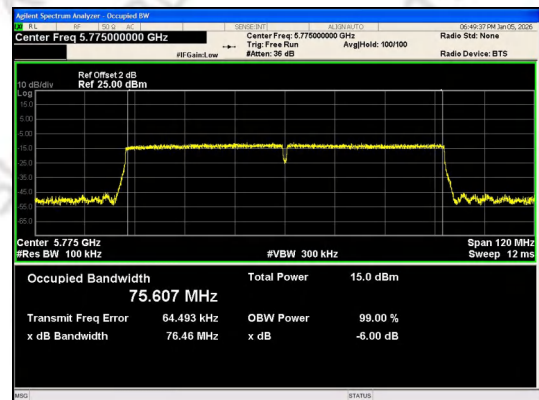
IEEE 802.11ac_Channel 151_40MHz_Antenna

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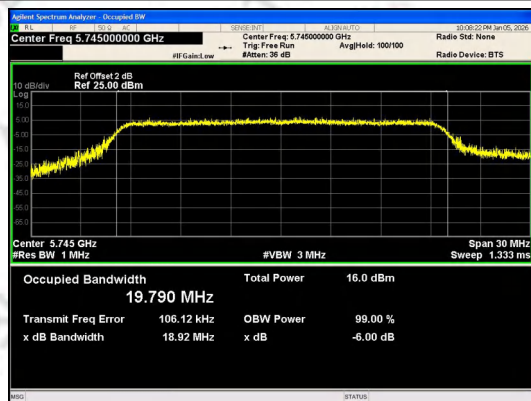
IEEE 802.11ac_Channel 159_40MHz_Antenna

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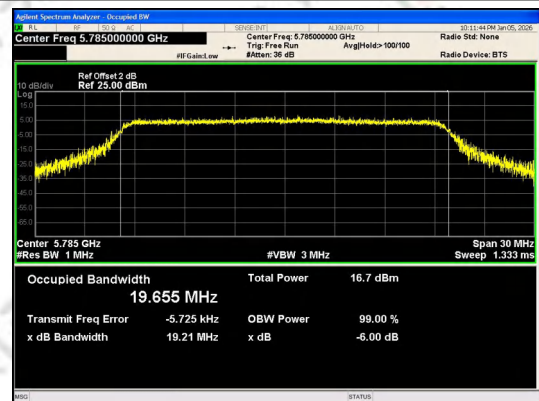
IEEE 802.11ac_Channel 155_80MHz_Antenna

0



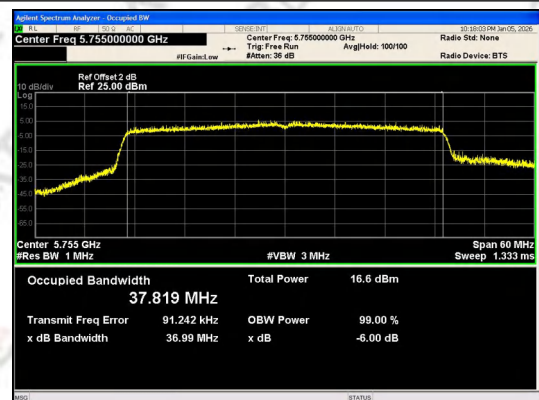
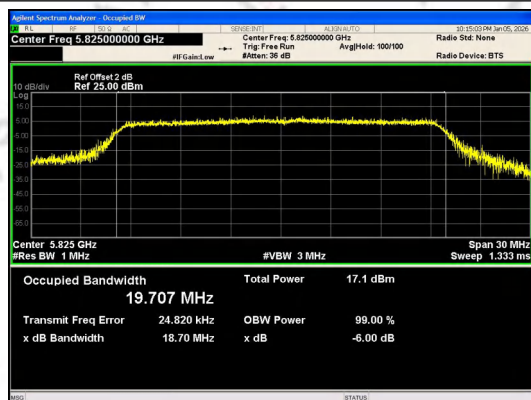
IEEE 802.11ax_Channel 149_20MHz_Antenna

0_RU&Index SU

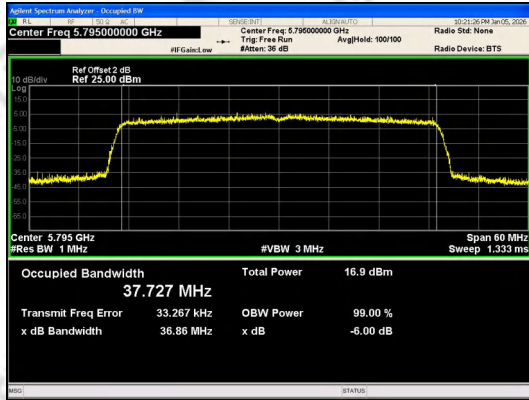


IEEE 802.11ax_Channel 157_20MHz_Antenna

0_RU&Index SU

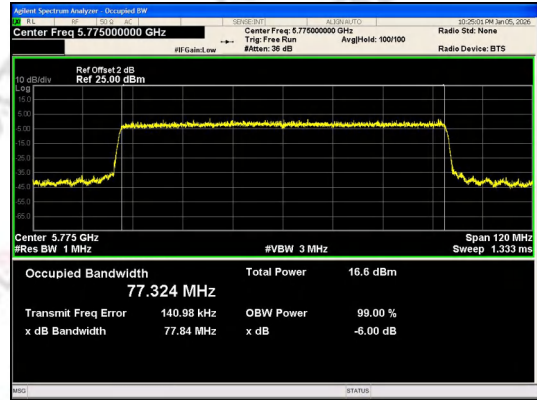


IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 155_80MHz_Antenna 0_RU&Index SU

D3.Maximum Conducted Average Output Power

Test Result

Mode	Channel	RU & Index	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	N/A	11.06	≤23.97	PASS
	40		11.00	≤23.97	PASS
	48		10.98	≤23.97	PASS
IEEE 802.11n_20	36		10.05	≤23.97	PASS
	40		10.90	≤23.97	PASS
	48		10.24	≤23.97	PASS
IEEE 802.11n_40	38		10.32	≤23.97	PASS
	46		10.34	≤23.97	PASS
IEEE 802.11ac_20	36		11.04	≤23.97	PASS
	40		10.89	≤23.97	PASS
	48		11.09	≤23.97	PASS
IEEE 802.11ac_40	38		11.17	≤23.97	PASS
	46		11.26	≤23.97	PASS
IEEE 802.11ac_80	42		11.06	≤23.97	PASS
IEEE 802.11ax_20	36	SU	11.25	≤23.97	PASS
	40		10.71	≤23.97	PASS
	48		11.15	≤23.97	PASS
IEEE 802.11ax_40	38		10.49	≤23.97	PASS
	46		10.61	≤23.97	PASS
IEEE 802.11ax_80	42		10.29	≤23.97	PASS

Mode	Channel	RU & Index	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	N/A	8.30	≤30	PASS
	157		8.98	≤30	PASS
	165		10.21	≤30	PASS
IEEE 802.11n_20	149		8.53	≤30	PASS
	157		9.19	≤30	PASS
	165		9.35	≤30	PASS
IEEE 802.11n_40	151		8.97	≤30	PASS
	159		9.24	≤30	PASS
IEEE 802.11ac_20	149		9.55	≤30	PASS
	157		10.25	≤30	PASS
	165		10.27	≤30	PASS
IEEE 802.11ac_40	151		9.02	≤30	PASS
	159		9.11	≤30	PASS

IEEE 802.11ac_80	155		9.02	≤30	PASS
IEEE 802.11ax_20	149	SU	8.71	≤30	PASS
	157		9.47	≤30	PASS
	165		9.18	≤30	PASS
IEEE 802.11ax_40	151		9.04	≤30	PASS
	159		9.23	≤30	PASS
IEEE 802.11ax_80	155		9.10	≤30	PASS

D4.Power Spectral Density

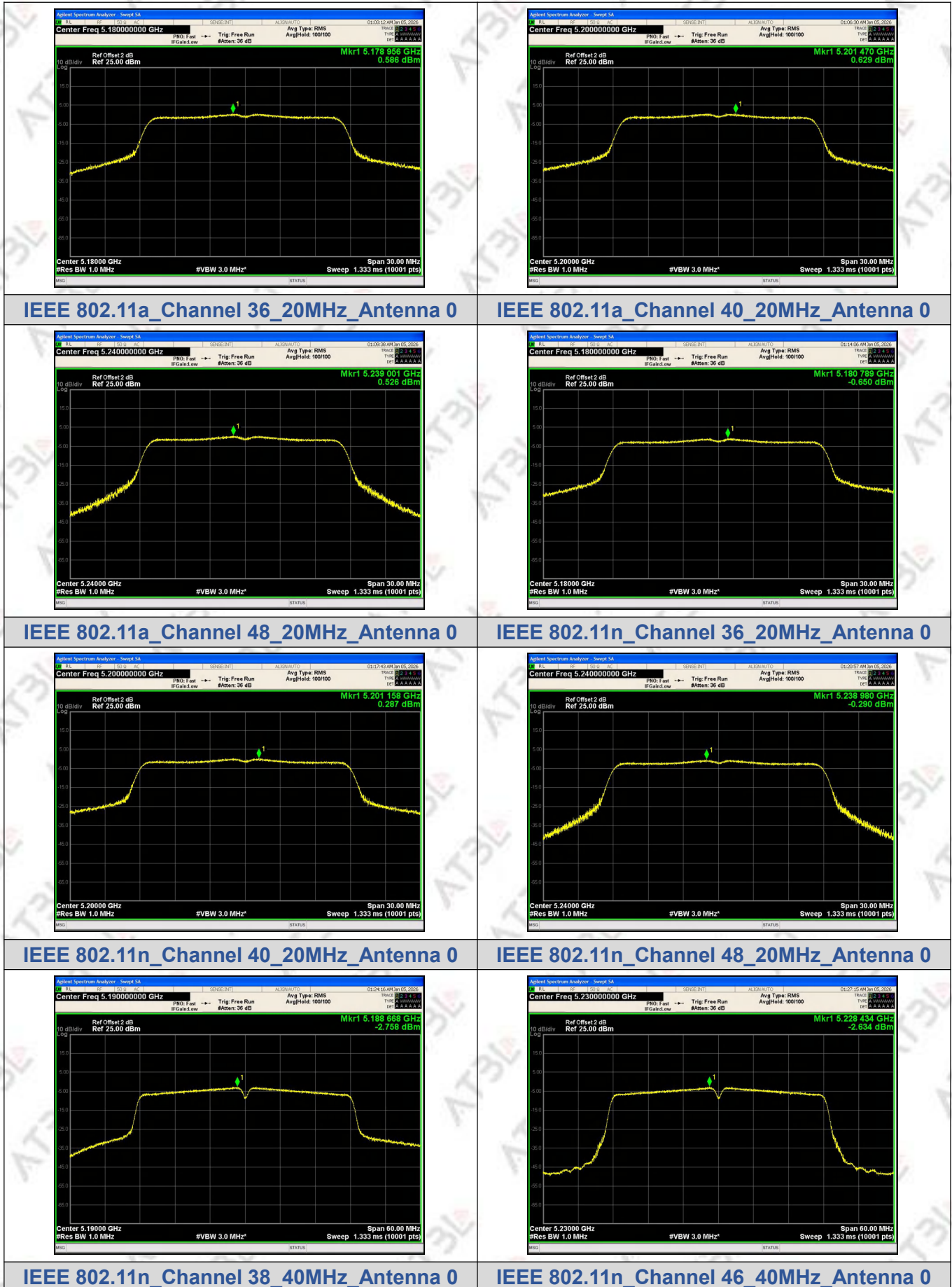
Test Result

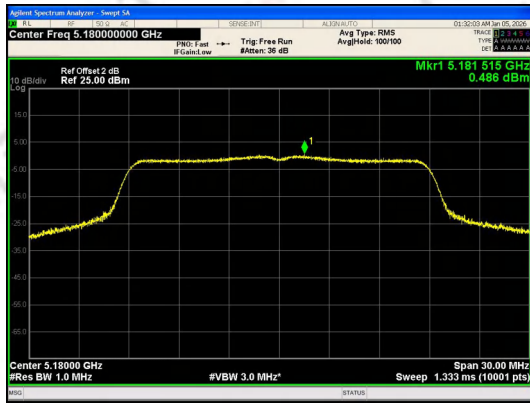
Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	N/A	0.586	0.586	11	PASS
	40		0.629	0.629		PASS
	48		0.526	0.526		PASS
IEEE 802.11n_20	36		-0.650	-0.65		PASS
	40		0.287	0.287		PASS
	48		-0.290	-0.29		PASS
IEEE 802.11n_40	38		-2.758	-2.758		PASS
	46		-2.634	-2.634		PASS
IEEE 802.11ac_20	36		0.486	0.486		PASS
	40		0.272	0.272		PASS
	48		0.506	0.506		PASS
IEEE 802.11ac_40	38		-1.694	-1.694		PASS
	46		-1.952	-1.952		PASS
IEEE 802.11ac_80	42		-6.744	-6.744		PASS
IEEE 802.11ax_20	36	SU	0.348	0.348	30	PASS
	40		-0.129	-0.129		PASS
	48		0.388	0.388		PASS
IEEE 802.11ax_40	38		-2.501	-2.501		PASS
	46		-2.296	-2.296		PASS
IEEE 802.11ax_80	42		-7.293	-7.293		PASS

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/500kHz)	Ant. 0 Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
IEEE 802.11a	149	N/A	-5.007	-5.007	30	PASS
	157		-4.631	-4.631		PASS
	165		-2.957	-2.957		PASS
IEEE 802.11n_20	149		-5.154	-5.154		PASS
	157		-4.481	-4.481		PASS
	165		-4.295	-4.295		PASS
IEEE 802.11n_40	151		-7.175	-7.175		PASS
	159		-7.071	-7.071		PASS
IEEE 802.11ac_20	149		-4.220	-4.22		PASS
	157		-3.504	-3.504		PASS
	165		-3.189	-3.189		PASS
IEEE 802.11ac_40	151		-7.098	-7.098		PASS
	159		-7.083	-7.083		PASS
IEEE	155		-11.621	-11.621		PASS

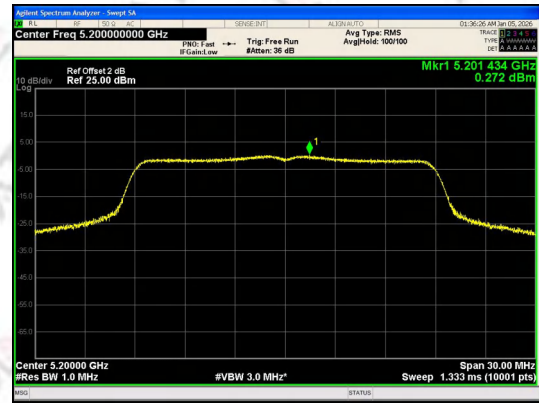
802.11ac_80					
IEEE	149	SU	-5.057	-5.057	PASS
802.11ax_20	157		-4.738	-4.738	PASS
	165		-4.434	-4.434	PASS
IEEE	151		-7.046	-7.046	PASS
802.11ax_40	159		-6.904	-6.904	PASS
IEEE					
802.11ax_80	155		-11.438	-11.438	PASS

Test Graphs





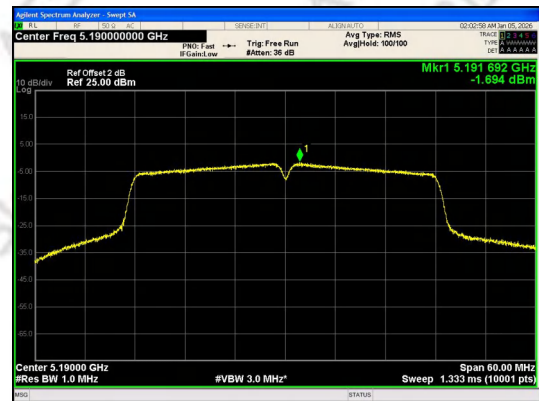
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



IEEE 802.11ac_Channel 40_20MHz_Antenna 0



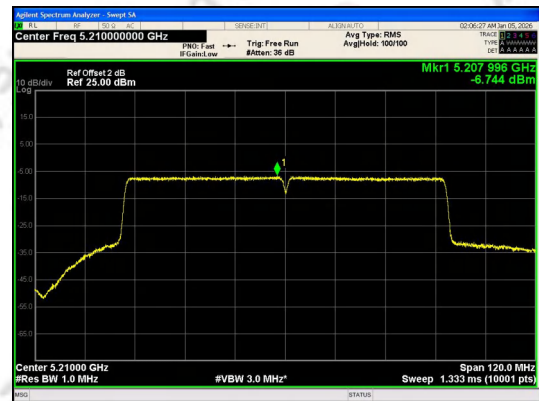
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



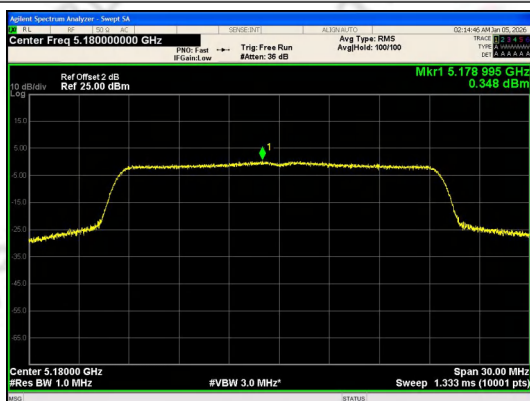
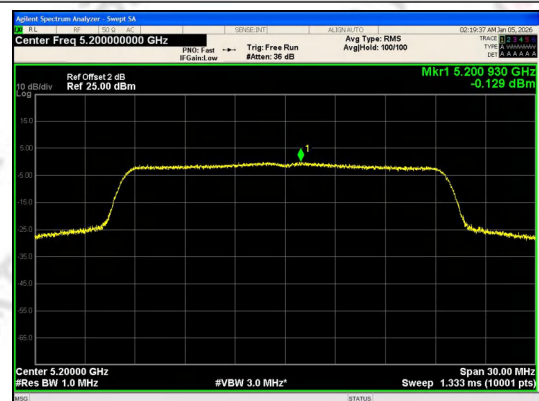
IEEE 802.11ac_Channel 38_40MHz_Antenna 0

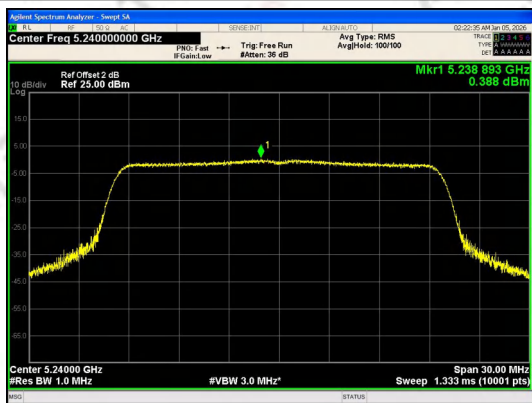


IEEE 802.11ac_Channel 46_40MHz_Antenna 0

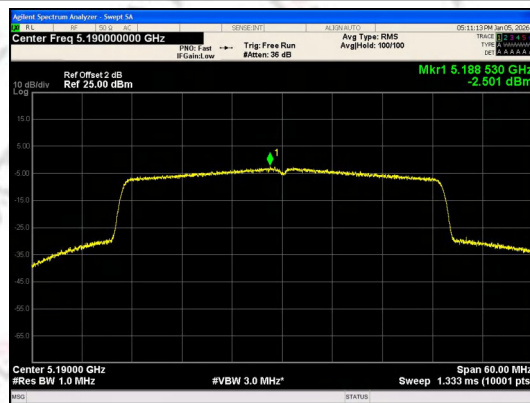


IEEE 802.11ac_Channel 42_80MHz_Antenna 0

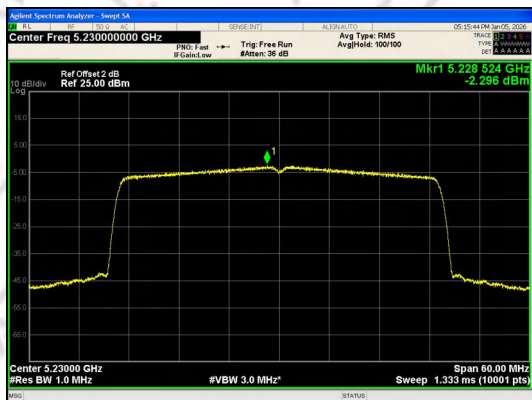

IEEE 802.11ax_Channel 36_20MHz_Antenna
0_RU&Index SU

IEEE 802.11ax_Channel 40_20MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 42_80MHz_Antenna
0_RU&Index SU