Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	19.66	0.092	≤ 30.00
5200.0		19.89	0.097	≤ 30.00
5220.0		19.81	0.096	≤ 30.00
5240.0		20.31	0.107	≤ 30.00
5745.0		20.51	0.112	≤ 30.00
5765.0		19.85	0.097	≤ 30.00
5785.0		19.89	0.097	≤ 30.00
5805.0		19.75	0.094	≤ 30.00
5825.0		19.69	0.093	≤ 30.00
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	19.62	0.092	≤ 30.00
5200.0		19.61	0.091	≤ 30.00
5220.0		19.57	0.091	≤ 30.00
5240.0		19.73	0.094	≤ 30.00
5745.0		20.83	0.121	≤ 30.00
5765.0		20.17	0.104	≤ 30.00
5785.0		20.21	0.105	≤ 30.00
5805.0		20.05	0.101	≤ 30.00
5825.0		19.93	0.098	≤ 30.00
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	22.65	0.184	≤ 30.00
5200.0		22.76	0.189	≤ 30.00
5220.0		22.70	0.186	≤ 30.00
5240.0		23.04	0.201	≤ 30.00
5745.0		23.68	0.234	≤ 30.00
5765.0		23.02	0.201	≤ 30.00
5785.0		23.06	0.202	≤ 30.00
5805.0		22.91	0.196	≤ 30.00
5825.0		22.82	0.192	≤ 30.00

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11an 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.49	0.089	≤ 28.11
5200.0		19.69	0.093	≤ 28.11
5220.0		19.55	0.090	≤ 28.11
5240.0		19.95	0.099	≤ 28.11
5745.0		20.39	0.109	≤ 28.59
5765.0		19.54	0.090	≤ 28.59
5785.0		19.57	0.091	≤ 28.59
5805.0		19.59	0.091	≤ 28.59
5825.0		19.48	0.089	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.33	0.086	≤ 28.11
5200.0		19.30	0.085	≤ 28.11
5220.0		19.25	0.084	≤ 28.11
5240.0		19.46	0.088	≤ 28.11
5745.0		20.41	0.110	≤ 28.59
5765.0		20.13	0.103	≤ 28.59
5785.0		20.14	0.103	≤ 28.59
5805.0		20.07	0.102	≤ 28.59
5825.0		19.98	0.100	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	22.42	0.175	≤ 28.11
5200.0		22.51	0.178	≤ 28.11
5220.0		22.41	0.174	≤ 28.11
5240.0		22.72	0.187	≤ 28.11
5745.0		23.41	0.219	≤ 28.59
5765.0		22.86	0.193	≤ 28.59
5785.0		22.87	0.194	≤ 28.59
5805.0		22.85	0.193	≤ 28.59
5825.0		22.75	0.188	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11an 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.35	0.068	≤ 28.11
5230.0		20.07	0.102	≤ 28.11
5755.0		20.43	0.110	≤ 28.59
5795.0		20.00	0.100	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.04	0.064	≤ 28.11
5230.0		20.01	0.100	≤ 28.11
5755.0		20.60	0.115	≤ 28.59
5795.0		20.22	0.105	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	21.21	0.132	≤ 28.11
5230.0		23.05	0.202	≤ 28.11
5755.0		23.53	0.225	≤ 28.59
5795.0		23.12	0.205	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.51	0.089	≤ 28.11
5200.0		19.70	0.093	≤ 28.11
5220.0		19.65	0.092	≤ 28.11
5240.0		20.02	0.100	≤ 28.11
5745.0		20.41	0.110	≤ 28.59
5765.0		19.66	0.092	≤ 28.59
5785.0		19.71	0.094	≤ 28.59
5805.0		19.62	0.092	≤ 28.59
5825.0		19.52	0.090	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.41	0.087	≤ 28.11
5200.0		19.44	0.088	≤ 28.11
5220.0		19.40	0.087	≤ 28.11
5240.0		19.53	0.090	≤ 28.11
5745.0		20.51	0.112	≤ 28.59
5765.0		20.21	0.105	≤ 28.59
5785.0		20.27	0.106	≤ 28.59
5805.0		20.20	0.105	≤ 28.59
5825.0		20.12	0.103	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	22.47	0.177	≤ 28.11
5200.0		22.58	0.181	≤ 28.11
5220.0		22.54	0.179	≤ 28.11
5240.0		22.79	0.190	≤ 28.11
5745.0		23.47	0.222	≤ 28.59
5765.0		22.95	0.197	≤ 28.59
5785.0		23.01	0.200	≤ 28.59
5805.0		22.93	0.196	≤ 28.59
5825.0		22.84	0.192	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.48	0.070	≤ 28.11
5230.0		20.16	0.104	≤ 28.11
5755.0		20.49	0.112	≤ 28.59
5795.0		20.03	0.101	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	18.17	0.066	≤ 28.11
5230.0		20.07	0.102	≤ 28.11
5755.0		20.63	0.116	≤ 28.59
5795.0		20.31	0.107	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	21.34	0.136	≤ 28.11
5230.0		23.13	0.205	≤ 28.11
5755.0		23.57	0.228	≤ 28.59
5795.0		23.18	0.208	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.5 M	18.17	0.066	≤ 28.11
5775.0		19.73	0.094	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.5 M	17.52	0.056	≤ 28.11
5775.0		19.94	0.099	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.5 M	20.87	0.122	≤ 28.11
5775.0		22.85	0.193	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	19.43	0.088	≤ 28.11
5200.0		19.44	0.088	≤ 28.11
5220.0		19.39	0.087	≤ 28.11
5240.0		19.94	0.099	≤ 28.11
5745.0		20.02	0.100	≤ 28.59
5765.0		19.41	0.087	≤ 28.59
5785.0		19.49	0.089	≤ 28.59
5805.0		19.38	0.087	≤ 28.59
5825.0		19.52	0.090	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	19.25	0.084	≤ 28.11
5200.0		19.31	0.085	≤ 28.11
5220.0		19.22	0.084	≤ 28.11
5240.0		19.42	0.087	≤ 28.11
5745.0		20.39	0.109	≤ 28.59
5765.0		19.93	0.098	≤ 28.59
5785.0		20.01	0.100	≤ 28.59
5805.0		19.85	0.097	≤ 28.59
5825.0		19.72	0.094	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	22.35	0.172	≤ 28.11
5200.0		22.39	0.173	≤ 28.11
5220.0		22.32	0.170	≤ 28.11
5240.0		22.70	0.186	≤ 28.11
5745.0		23.22	0.210	≤ 28.59
5765.0		22.69	0.186	≤ 28.59
5785.0		22.77	0.189	≤ 28.59
5805.0		22.63	0.183	≤ 28.59
5825.0		22.63	0.183	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	18.45	0.070	≤ 28.11
5230.0		19.83	0.096	≤ 28.11
5755.0		20.28	0.107	≤ 28.59
5795.0		19.81	0.096	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	18.23	0.067	≤ 28.11
5230.0		19.71	0.094	≤ 28.11
5755.0		20.41	0.110	≤ 28.59
5795.0		20.12	0.103	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	21.35	0.137	≤ 28.11
5230.0		22.78	0.190	≤ 28.11
5755.0		23.36	0.217	≤ 28.59
5795.0		22.98	0.199	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	18.41	0.069	≤ 28.11
5775.0		19.51	0.089	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	17.83	0.061	≤ 28.11
5775.0		19.84	0.096	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	21.14	0.130	≤ 28.11
5775.0		22.69	0.186	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Beamforming on

Test Mode		Mode 3: IEEE 802.11an 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	16.20	0.042	≤ 28.11
5200.0		16.42	0.044	≤ 28.11
5220.0		16.36	0.043	≤ 28.11
5240.0		16.90	0.049	≤ 28.11
5745.0		16.89	0.049	≤ 28.59
5765.0		15.98	0.040	≤ 28.59
5785.0		16.20	0.042	≤ 28.59
5805.0		16.10	0.041	≤ 28.59
5825.0		15.92	0.039	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	15.86	0.039	≤ 28.11
5200.0		15.95	0.039	≤ 28.11
5220.0		15.91	0.039	≤ 28.11
5240.0		16.16	0.041	≤ 28.11
5745.0		17.01	0.050	≤ 28.59
5765.0		16.72	0.047	≤ 28.59
5785.0		16.73	0.047	≤ 28.59
5805.0		16.56	0.045	≤ 28.59
5825.0		16.39	0.044	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.04	0.080	≤ 28.11
5200.0		19.20	0.083	≤ 28.11
5220.0		19.15	0.082	≤ 28.11
5240.0		19.56	0.090	≤ 28.11
5745.0		19.96	0.099	≤ 28.59
5765.0		19.38	0.087	≤ 28.59
5785.0		19.48	0.089	≤ 28.59
5805.0		19.35	0.086	≤ 28.59
5825.0		19.17	0.083	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11an 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	15.10	0.032	≤ 28.11
5230.0		16.98	0.050	≤ 28.11
5755.0		16.97	0.050	≤ 28.59
5795.0		16.64	0.046	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	14.57	0.029	≤ 28.11
5230.0		16.62	0.046	≤ 28.11
5755.0		17.46	0.056	≤ 28.59
5795.0		17.16	0.052	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	17.85	0.061	≤ 28.11
5230.0		19.81	0.096	≤ 28.11
5755.0		20.23	0.105	≤ 28.59
5795.0		19.92	0.098	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	16.32	0.043	≤ 28.11
5200.0		16.47	0.044	≤ 28.11
5220.0		16.40	0.044	≤ 28.11
5240.0		16.93	0.049	≤ 28.11
5745.0		16.89	0.049	≤ 28.59
5765.0		16.12	0.041	≤ 28.59
5785.0		16.29	0.043	≤ 28.59
5805.0		16.11	0.041	≤ 28.59
5825.0		16.01	0.040	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	15.93	0.039	≤ 28.11
5200.0		16.03	0.040	≤ 28.11
5220.0		15.96	0.039	≤ 28.11
5240.0		16.21	0.042	≤ 28.11
5745.0		17.12	0.052	≤ 28.59
5765.0		16.75	0.047	≤ 28.59
5785.0		16.85	0.048	≤ 28.59
5805.0		16.70	0.047	≤ 28.59
5825.0		16.51	0.045	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	13 M	19.14	0.082	≤ 28.11
5200.0		19.27	0.084	≤ 28.11
5220.0		19.20	0.083	≤ 28.11
5240.0		19.60	0.091	≤ 28.11
5745.0		20.02	0.100	≤ 28.59
5765.0		19.46	0.088	≤ 28.59
5785.0		19.59	0.091	≤ 28.59
5805.0		19.43	0.088	≤ 28.59
5825.0		19.28	0.085	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	15.12	0.033	≤ 28.11
5230.0		17.02	0.050	≤ 28.11
5755.0		17.07	0.051	≤ 28.59
5795.0		16.65	0.046	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	14.58	0.029	≤ 28.11
5230.0		16.72	0.047	≤ 28.11
5755.0		17.53	0.057	≤ 28.59
5795.0		17.28	0.053	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	27 M	17.87	0.061	≤ 28.11
5230.0		19.88	0.097	≤ 28.11
5755.0		20.32	0.108	≤ 28.59
5795.0		19.99	0.100	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	14.62	0.029	≤ 28.11
5775.0		16.10	0.041	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	13.97	0.025	≤ 28.11
5775.0		16.86	0.049	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	17.32	0.054	≤ 28.11
5775.0		19.51	0.089	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	16.22	0.042	≤ 28.11
5200.0		16.37	0.043	≤ 28.11
5220.0		16.22	0.042	≤ 28.11
5240.0		16.82	0.048	≤ 28.11
5745.0		16.73	0.047	≤ 28.59
5765.0		16.08	0.041	≤ 28.59
5785.0		16.14	0.041	≤ 28.59
5805.0		15.92	0.039	≤ 28.59
5825.0		15.84	0.038	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	15.74	0.037	≤ 28.11
5200.0		15.81	0.038	≤ 28.11
5220.0		15.75	0.038	≤ 28.11
5240.0		15.93	0.039	≤ 28.11
5745.0		17.02	0.050	≤ 28.59
5765.0		16.58	0.045	≤ 28.59
5785.0		16.62	0.046	≤ 28.59
5805.0		16.45	0.044	≤ 28.59
5825.0		16.49	0.045	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	19.00	0.079	≤ 28.11
5200.0		19.11	0.081	≤ 28.11
5220.0		19.00	0.079	≤ 28.11
5240.0		19.41	0.087	≤ 28.11
5745.0		19.89	0.097	≤ 28.59
5765.0		19.35	0.086	≤ 28.59
5785.0		19.40	0.087	≤ 28.59
5805.0		19.20	0.083	≤ 28.59
5825.0		19.19	0.083	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	15.24	0.033	≤ 28.11
5230.0		16.79	0.048	≤ 28.11
5755.0		16.90	0.049	≤ 28.59
5795.0		16.48	0.044	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	14.77	0.030	≤ 28.11
5230.0		16.35	0.043	≤ 28.11
5755.0		17.37	0.055	≤ 28.59
5795.0		17.08	0.051	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	MCS 0	18.02	0.063	≤ 28.11
5230.0		19.59	0.091	≤ 28.11
5755.0		20.15	0.104	≤ 28.59
5795.0		19.80	0.096	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	15.04	0.032	≤ 28.11
5775.0		15.97	0.040	≤ 28.59
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	14.31	0.027	≤ 28.11
5775.0		16.73	0.047	≤ 28.59
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	MCS 0	17.70	0.059	≤ 28.11
5775.0		19.38	0.087	≤ 28.59

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5180.0	21.170	16.772
5200.0	20.880	16.695
5240.0	22.840	16.823
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5180.0	20.350	16.645
5200.0	20.550	16.598
5240.0	20.250	16.658

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5180.0	21.820	17.831
5200.0	21.460	17.884
5240.0	22.510	17.904
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5180.0	21.630	17.808
5200.0	21.590	17.869
5240.0	20.940	17.770

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5190.0	41.820	36.228
5230.0	45.370	36.435
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5190.0	40.960	36.275
5230.0	41.470	36.383

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5210.0	81.890	75.451
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5210.0	81.170	75.449

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5180.0	21.390	19.077
5200.0	21.830	19.059
5240.0	21.350	19.086
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5180.0	22.410	19.035
5200.0	22.270	19.089
5240.0	21.440	19.063

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5190.0	42.130	37.884
5230.0	44.240	38.095
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5190.0	41.800	37.893
5230.0	42.070	38.062

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5210.0	82.200	77.144
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5210.0	81.980	77.038

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

Beamforming on

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5180.0	21.340	17.830
5200.0	21.400	17.836
5240.0	21.390	17.842
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5180.0	21.910	17.838
5200.0	21.550	17.798
5240.0	21.420	17.821

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5190.0	41.230	36.207
5230.0	40.830	36.229
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5190.0	41.040	36.314
5230.0	40.640	36.238

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5210.0	81.270	75.361
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5210.0	81.280	75.476

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

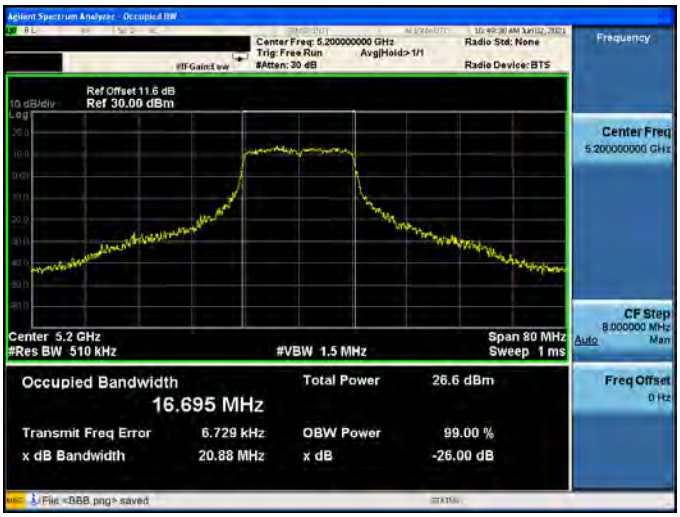
Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5180.0	21.860	19.053
5200.0	21.630	19.038
5240.0	21.690	19.107
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5180.0	21.990	19.029
5200.0	21.830	19.000
5240.0	21.470	19.058

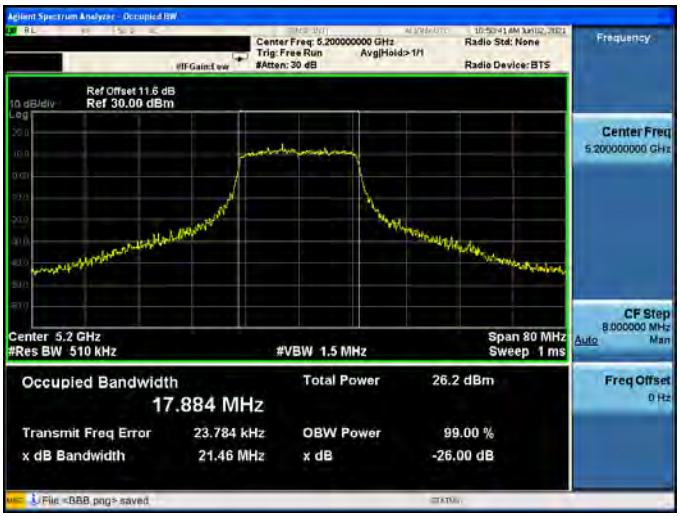
Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5190.0	41.600	37.884
5230.0	41.220	37.823
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5190.0	42.110	37.886
5230.0	41.890	37.902

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode	
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-0	
5210.0	81.830	77.080
Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
	ANT-1	
5210.0	82.070	77.078

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

■ **Test Graphs**

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

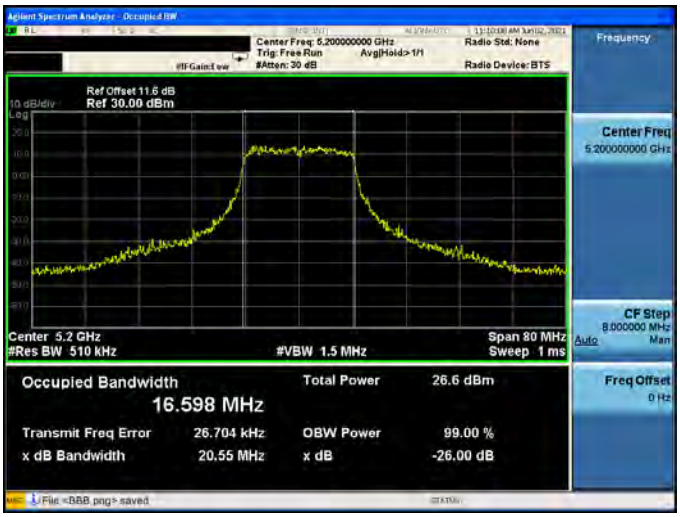
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

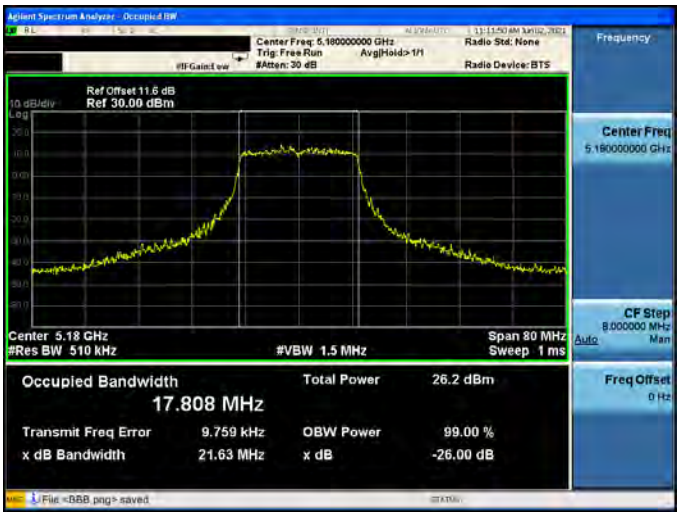
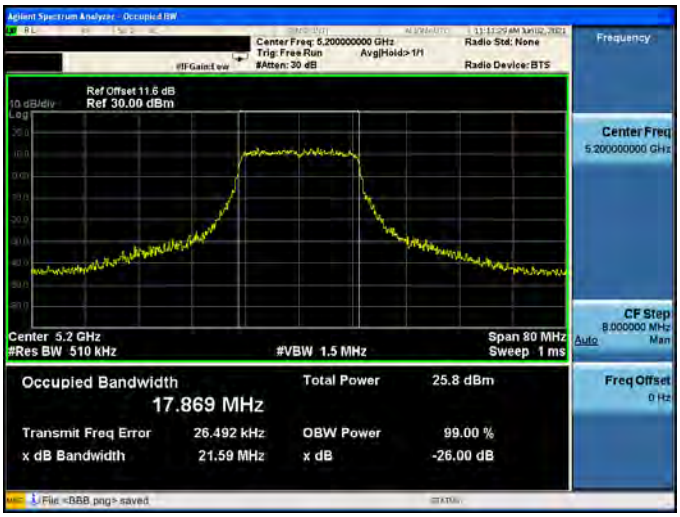
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	

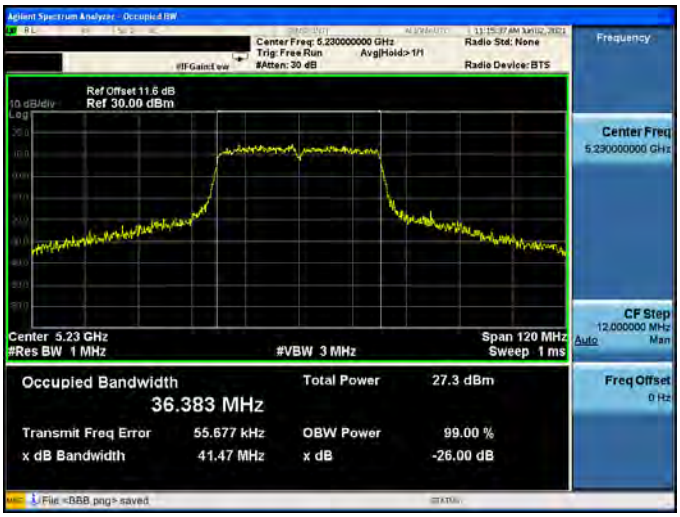
Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

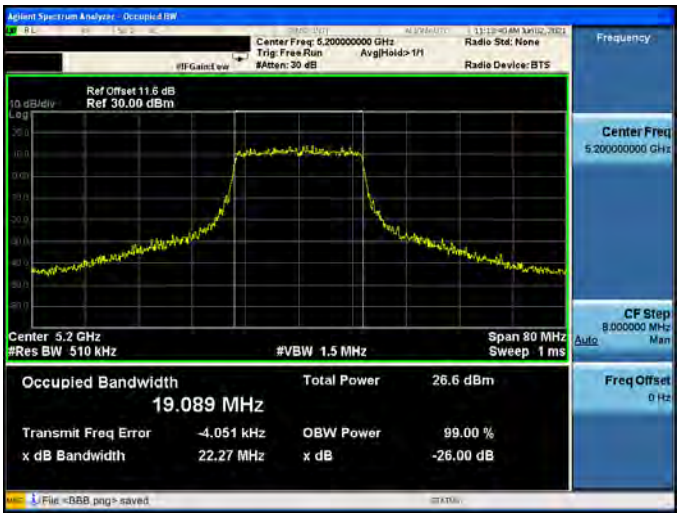
Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1	
5210 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ ANT-1	
5210 MHz	

Beamforming on

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

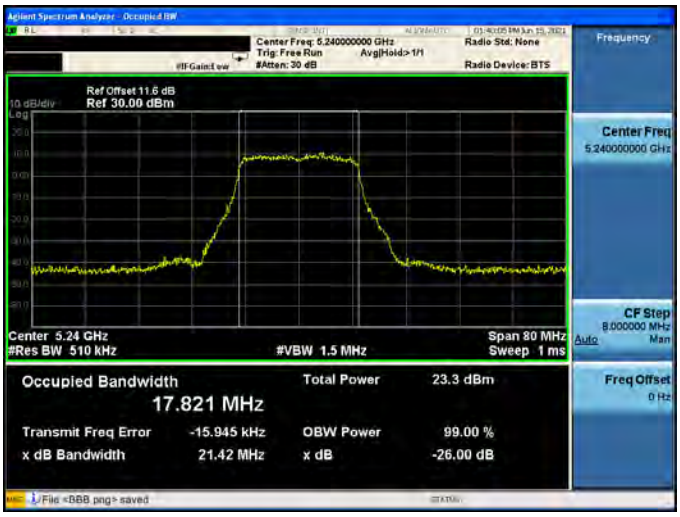
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

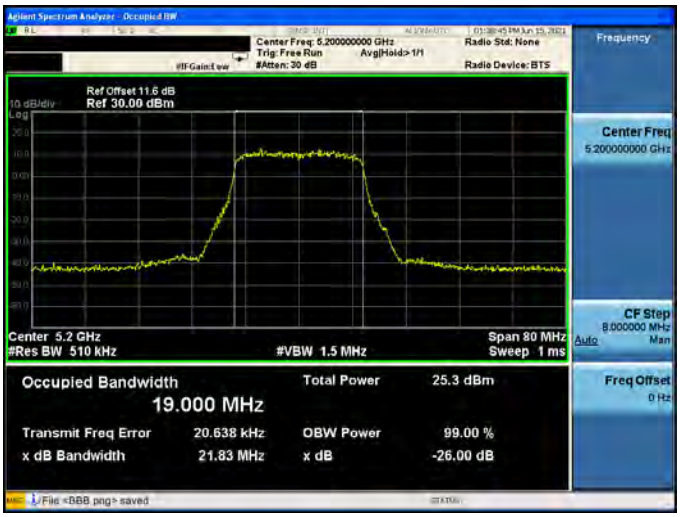
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ ANT-0	
5210 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1	
5210 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ ANT-1	
5210 MHz	

6 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	16140	16350	≥ 500
5785.0	16330	16330	≥ 500
5825.0	15590	16370	≥ 500

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	17370	16330	≥ 500
5785.0	17300	17250	≥ 500
5825.0	17530	16670	≥ 500

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	35510	36410	≥ 500
5795.0	36090	36370	≥ 500

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	74950	75390	≥ 500

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	17580	18640	≥ 500
5785.0	19050	18530	≥ 500
5825.0	18310	18180	≥ 500

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	38170	37820	≥ 500
5795.0	38090	37490	≥ 500

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	73730	76190	≥ 500

Beamforming on

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	17590	17600	≥ 500
5785.0	17670	17590	≥ 500
5825.0	17630	15640	≥ 500

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	36150	36000	≥ 500
5795.0	36360	36060	≥ 500

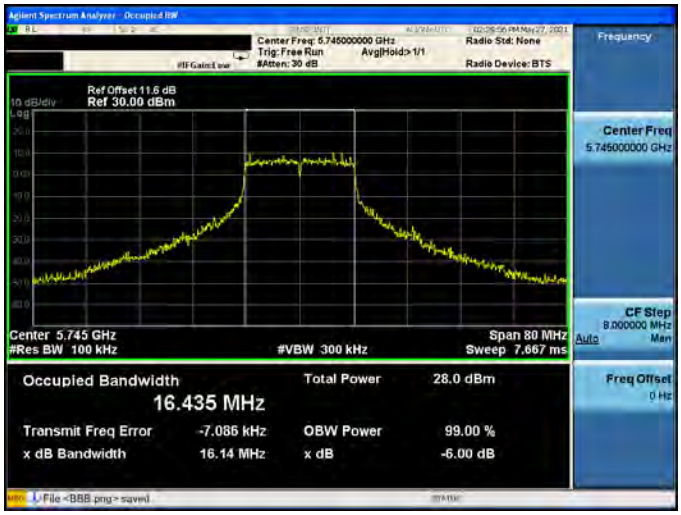
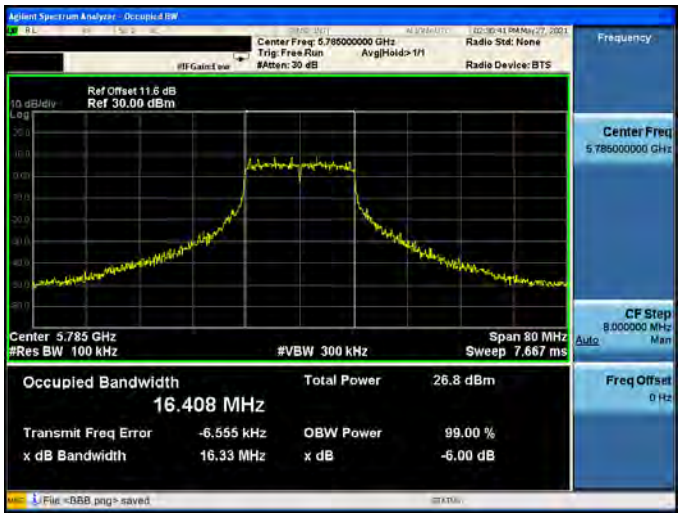
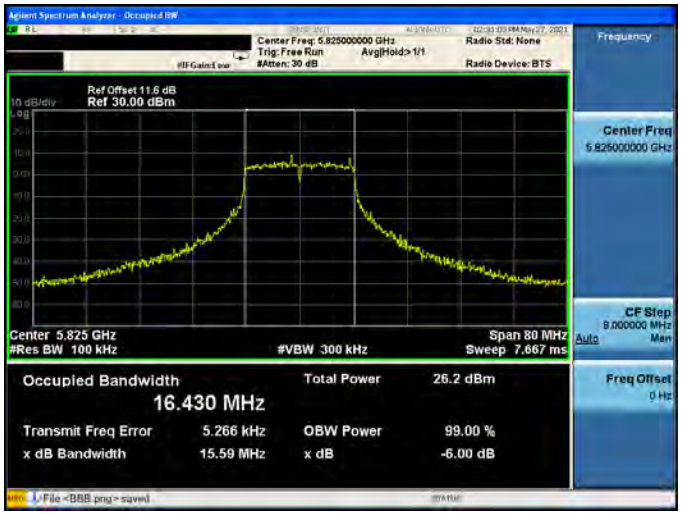
Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	75440	74610	≥ 500

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	19060	18620	≥ 500
5785.0	18720	18070	≥ 500
5825.0	17270	18340	≥ 500

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	38090	37720	≥ 500
5795.0	38100	37430	≥ 500

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	76540	76060	≥ 500

■ **Test Graphs**

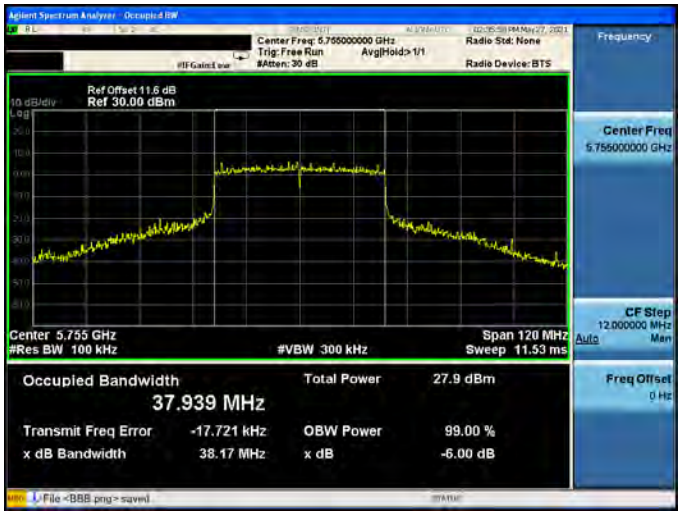
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0	
5755 MHz	
5795 MHz	

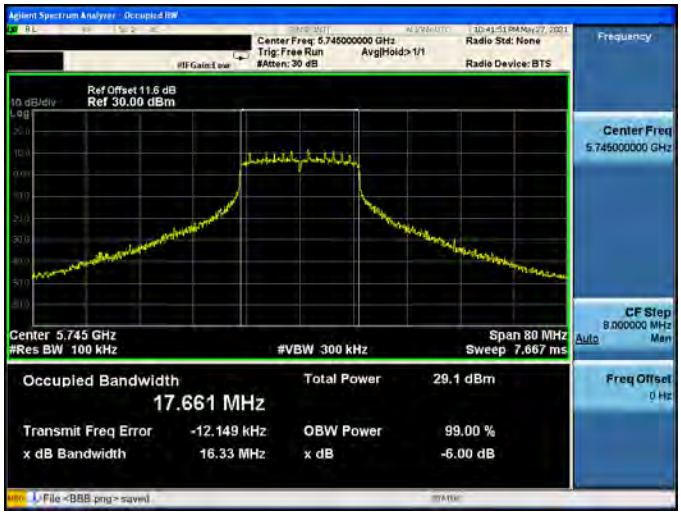
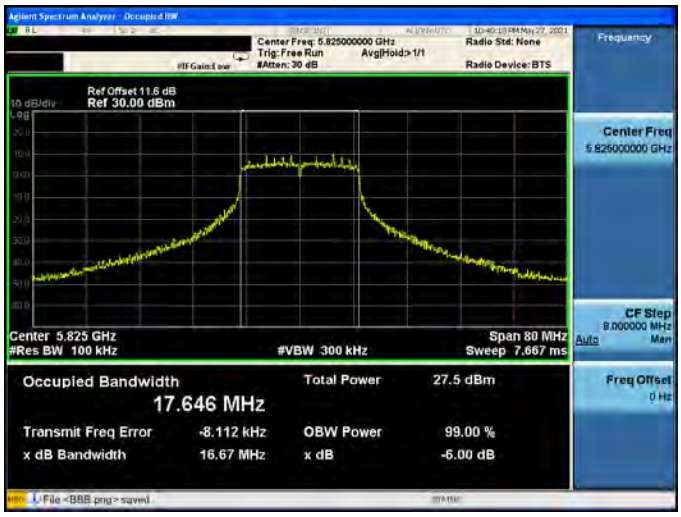
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-0	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-0	
5775 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-1	
5755 MHz	
5795 MHz	

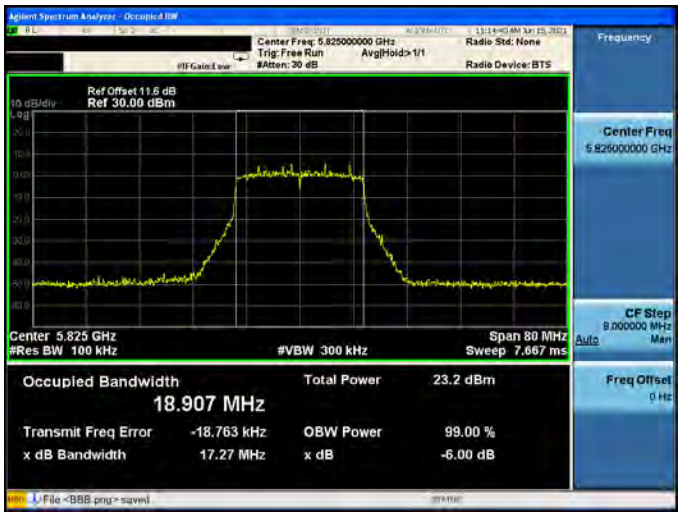
Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-1	
5775 MHz	

Beamforming on

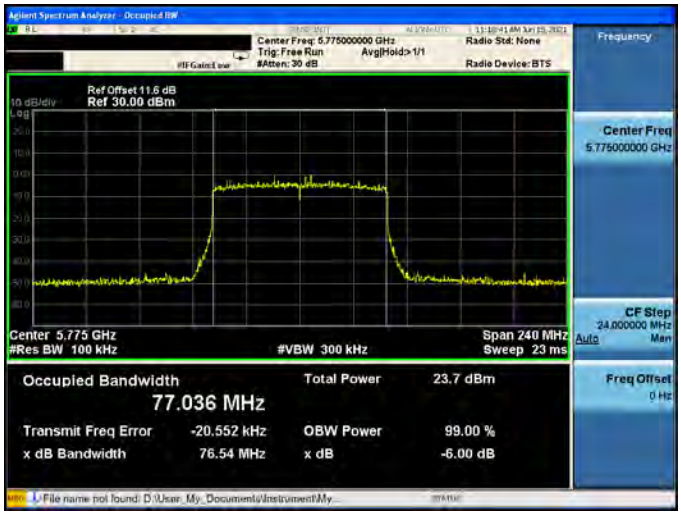
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

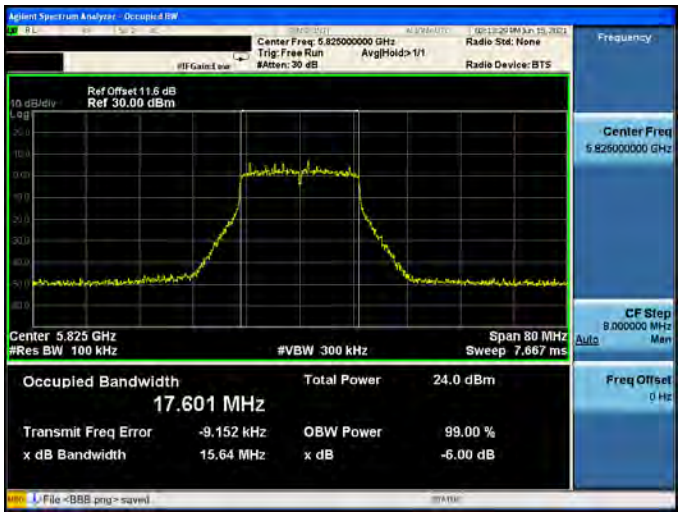
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0	
5755 MHz	
5795 MHz	

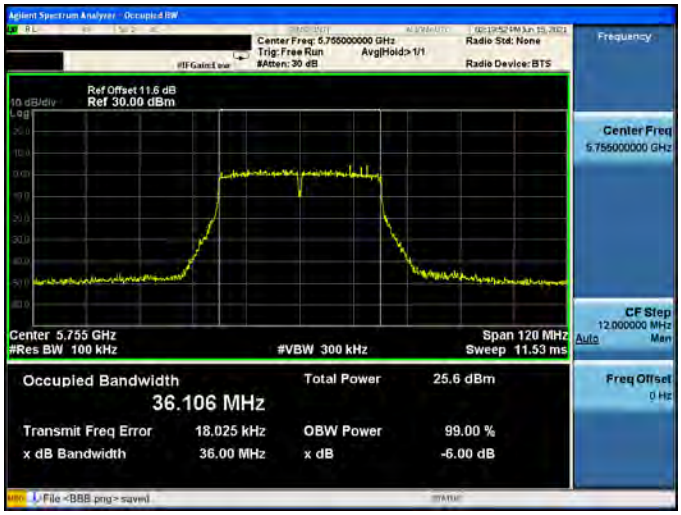
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

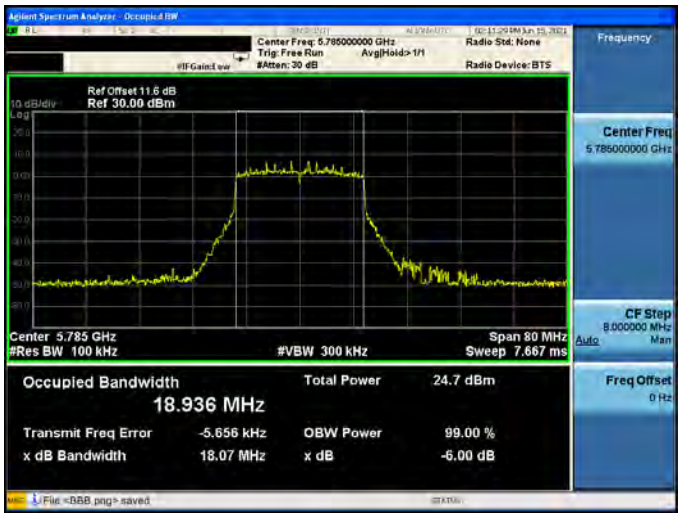
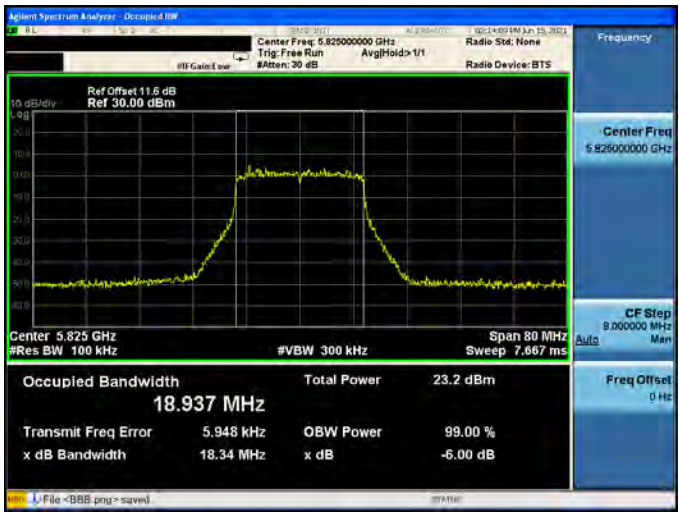
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-0	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-0	
5775 MHz	

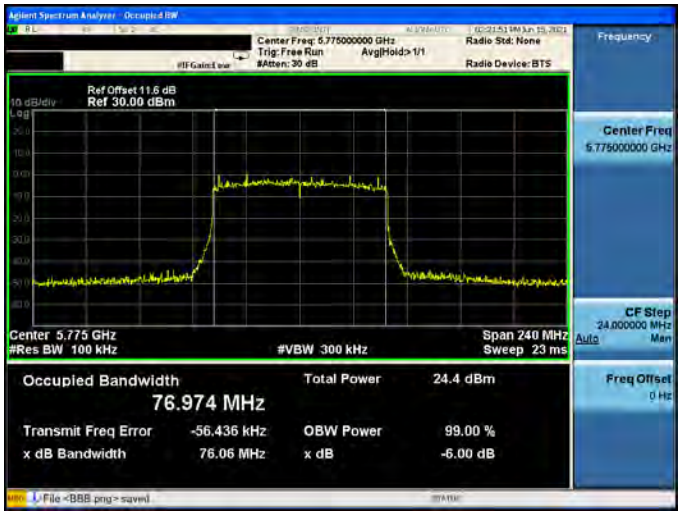
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-1	
5775 MHz	

Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	8.883	0.170	9.053	≤ 15.11
5200	8.841	0.170	9.011	
5240	9.158	0.170	9.328	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	8.648	0.170	8.818	≤ 15.11
5200	8.463	0.170	8.633	
5240	8.391	0.170	8.561	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	11.948			≤ 15.11
5200	11.837			
5240	11.972			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	0.876	0.170	8.036	≤ 28.59
5785	-0.334	0.170	6.826	
5825	-0.455	0.170	6.705	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	1.673	0.170	8.833	≤ 28.59
5785	0.054	0.170	7.214	
5825	-0.123	0.170	7.037	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5745	11.463			≤ 28.59
5785	10.035			
5825	9.885			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	8.633	0.163	8.796	≤ 15.11
5200	8.454	0.163	8.617	
5240	8.379	0.163	8.542	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.757	0.163	7.920	≤ 15.11
5200	7.580	0.163	7.743	
5240	8.020	0.163	8.183	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	11.391			≤ 15.11
5200	11.213			
5240	11.377			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	0.305	0.163	7.458	≤ 28.59
5785	-0.999	0.163	6.154	
5825	-1.460	0.163	5.693	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	0.288	0.163	7.441	≤ 28.59
5785	-0.122	0.163	7.031	
5825	-0.710	0.163	6.443	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5745	10.460			≤ 28.59
5785	9.625			
5825	9.095			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	4.050	0.232	4.282	≤ 15.11
5230	6.320	0.232	6.552	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	3.835	0.232	4.067	≤ 15.11
5230	5.492	0.232	5.724	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	7.186			≤ 15.11
5230	9.168			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-2.681	0.232	4.541	≤ 28.59
5795	-3.513	0.232	3.709	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-2.447	0.232	4.775	≤ 28.59
5795	-3.211	0.232	4.011	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	7.670			≤ 28.59
5795	6.873			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	0.862	0.152	1.014	≤ 15.11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	0.278	0.152	0.430	≤ 15.11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	3.743			≤ 15.11

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.668	0.152	0.474	≤ 28.59
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.434	0.152	0.708	≤ 28.59
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	3.603			≤ 28.59

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	8.094	0.152	8.246	≤ 15.11
5200	8.022	0.152	8.174	
5240	8.388	0.152	8.540	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.697	0.152	7.849	≤ 15.11
5200	7.520	0.152	7.672	
5240	7.280	0.152	7.432	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	11.062			≤ 15.11
5200	10.940			
5240	11.031			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-1.021	0.152	6.120	≤ 28.59
5785	-2.280	0.152	4.861	
5825	-2.660	0.152	4.481	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-0.720	0.152	6.421	≤ 28.59
5785	-1.640	0.152	5.501	
5825	-1.844	0.152	5.297	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5745	9.284			≤ 28.59
5785	8.203			
5825	7.919			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	4.611	0.163	4.774	≤ 15.11
5230	5.805	0.163	5.968	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	3.844	0.163	4.007	≤ 15.11
5230	5.412	0.163	5.575	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	7.418			≤ 15.11
5230	8.786			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-3.802	0.163	3.351	≤ 28.59
5795	-4.862	0.163	2.291	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-3.634	0.163	3.519	≤ 28.59
5795	-4.583	0.163	2.570	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	6.446			≤ 28.59
5795	5.443			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	1.170	0.254	1.424	≤ 15.11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	0.650	0.254	0.904	≤ 15.11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	4.182			≤ 15.11

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.818	0.254	-0.574	≤ 28.59
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.129	0.254	0.115	≤ 28.59
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	2.794			≤ 28.59

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Beamforming on

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.107	0.163	5.270	≤ 15.11
5200	5.288	0.163	5.451	
5240	5.204	0.163	5.367	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	4.487	0.163	4.650	≤ 15.11
5200	4.239	0.163	4.402	
5240	4.612	0.163	4.775	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	7.982			≤ 15.11
5200	7.969			
5240	8.092			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-3.103	0.163	4.050	≤ 28.59
5785	-4.249	0.163	2.904	
5825	-4.965	0.163	2.188	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-3.053	0.163	4.100	≤ 28.59
5785	-3.332	0.163	3.821	
5825	-4.056	0.163	3.097	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5745	7.086			≤ 28.59
5785	6.397			
5825	5.677			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	0.643	0.232	0.875	≤ 15.11
5230	3.004	0.232	3.236	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	0.341	0.232	0.573	≤ 15.11
5230	2.028	0.232	2.260	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	3.737			≤ 15.11
5230	5.786			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-5.936	0.232	1.286	≤ 28.59
5795	-6.959	0.232	0.263	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-5.628	0.232	1.594	≤ 28.59
5795	-6.434	0.232	0.788	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	4.453			≤ 28.59
5795	3.544			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-2.523	0.152	-2.371	≤ 15.11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-3.076	0.152	-2.924	≤ 15.11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	0.372			≤ 15.11

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-10.002	0.152	-2.860	≤ 28.59
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-9.527	0.152	-2.385	≤ 28.59
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	0.394			≤ 28.59

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	4.774	0.152	4.926	≤ 15.11
5200	4.637	0.152	4.789	
5240	5.087	0.152	5.239	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	4.353	0.152	4.505	≤ 15.11
5200	4.106	0.152	4.258	
5240	4.042	0.152	4.194	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	7.730			≤ 15.11
5200	7.541			
5240	7.758			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-4.277	0.152	2.864	≤ 28.59
5785	-5.404	0.152	1.737	
5825	-6.123	0.152	1.018	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-4.045	0.152	3.096	≤ 28.59
5785	-4.967	0.152	2.174	
5825	-5.383	0.152	1.758	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5745	5.992			≤ 28.59
5785	4.972			
5825	4.414			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	1.290	0.163	1.453	≤ 15.11
5230	2.676	0.163	2.839	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	0.513	0.163	0.676	≤ 15.11
5230	2.072	0.163	2.235	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	4.092			≤ 15.11
5230	5.558			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-7.357	0.163	-0.204	≤ 28.59
5795	-8.223	0.163	-1.070	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-6.929	0.163	0.224	≤ 28.59
5795	-7.666	0.163	-0.513	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	3.025			≤ 28.59
5795	2.227			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-2.259	0.254	-2.005	≤ 15.11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-2.866	0.254	-2.612	≤ 15.11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	0.713			≤ 15.11

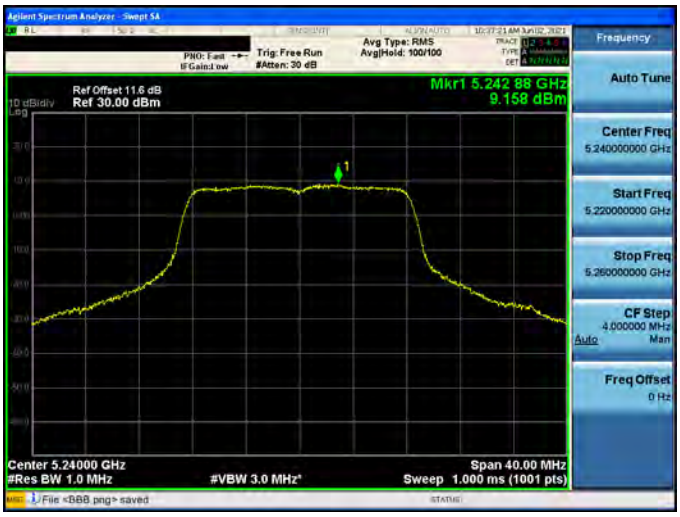
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

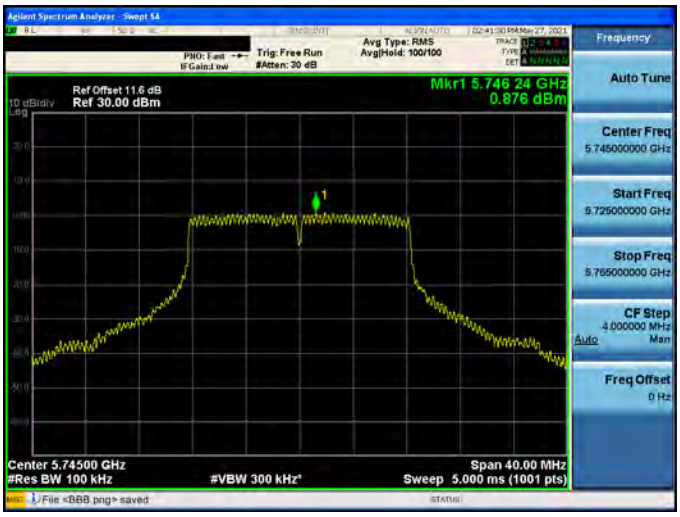
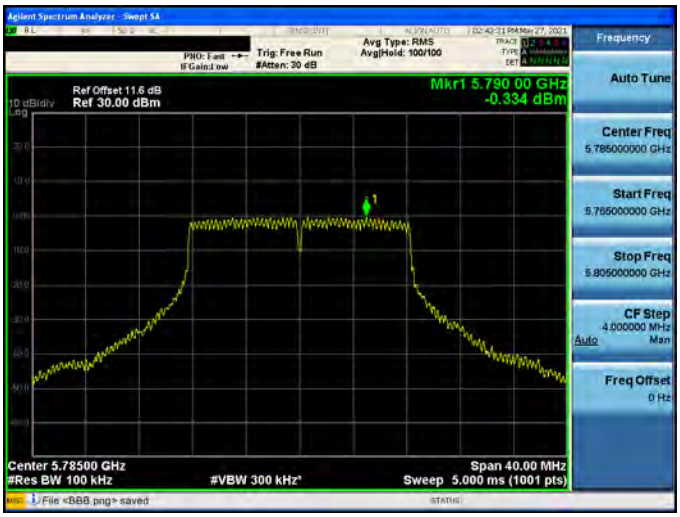
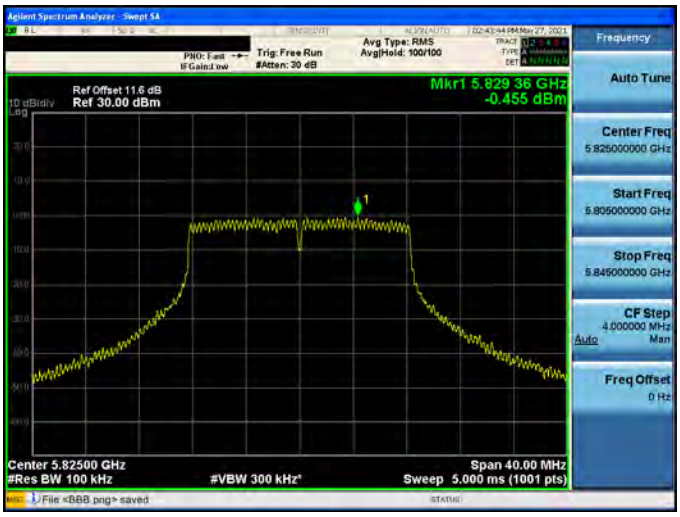
Test Mode	Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode			
Power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-11.153	0.254	-3.909	≤ 28.59
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-10.421	0.254	-3.177	≤ 28.59
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	-0.517			≤ 28.59

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

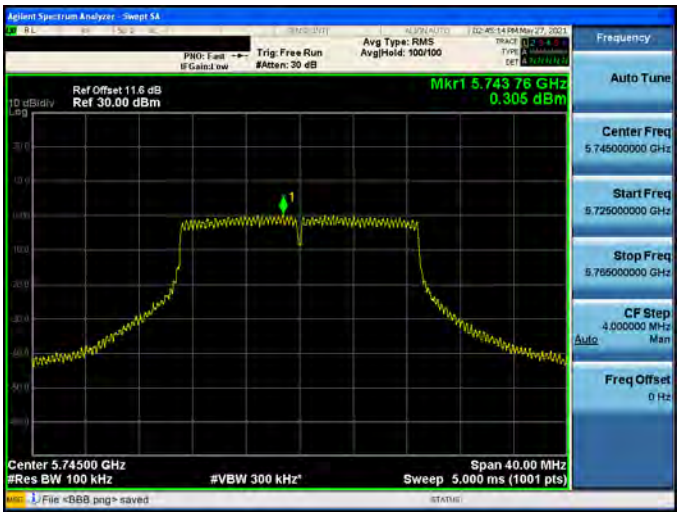
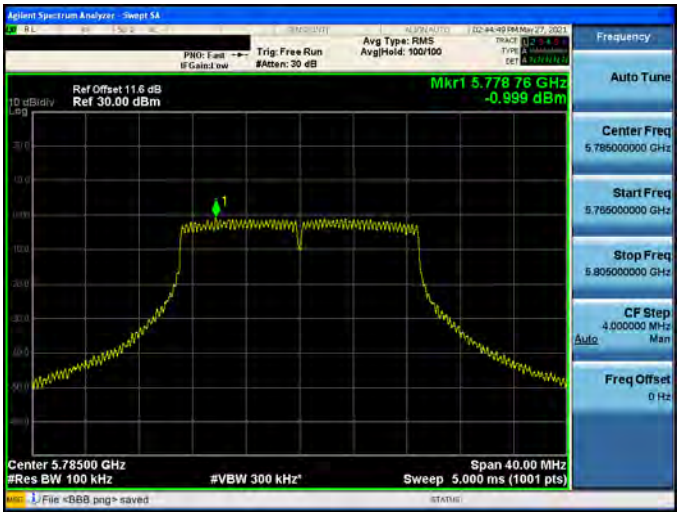
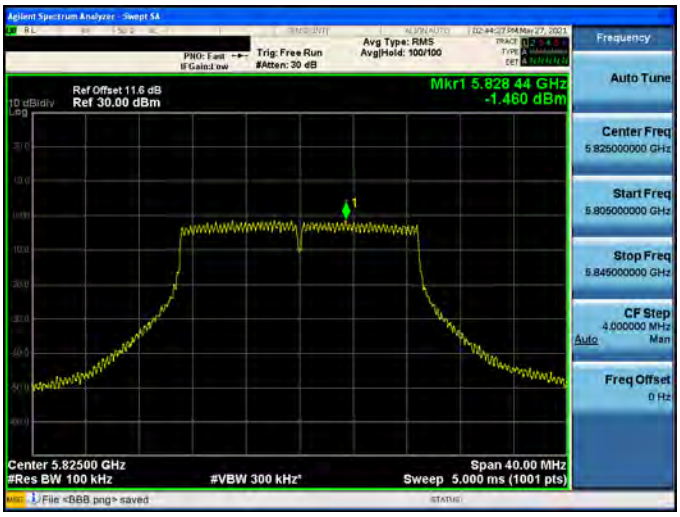
Conversion ratio = 10*Log(500 k/100 k)

■ **Test Graphs**

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

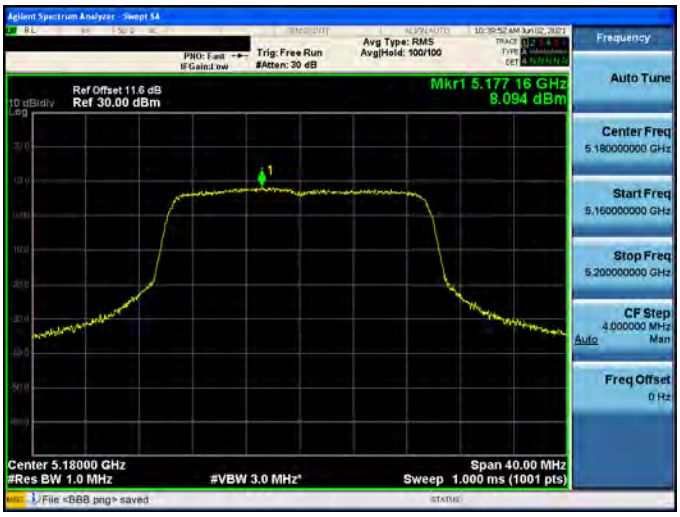
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

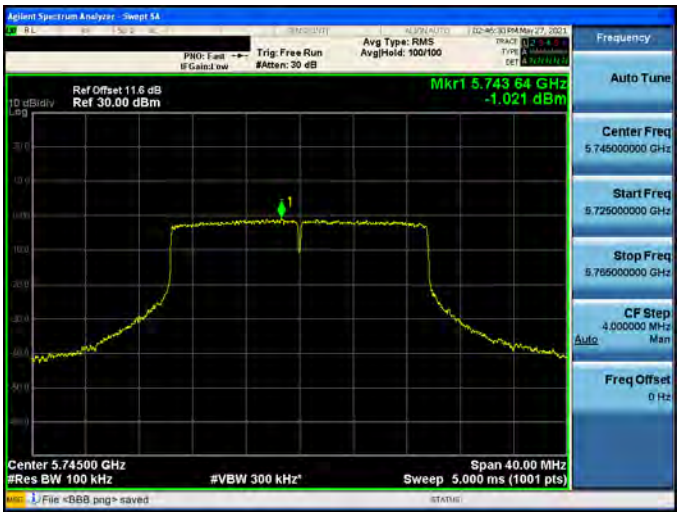
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

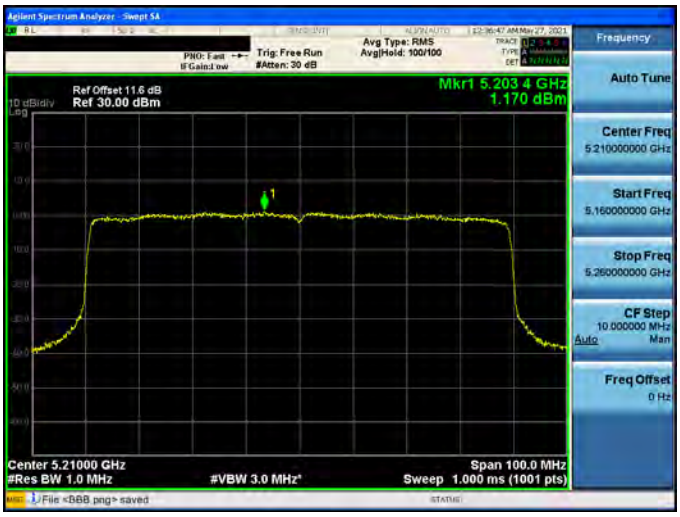
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

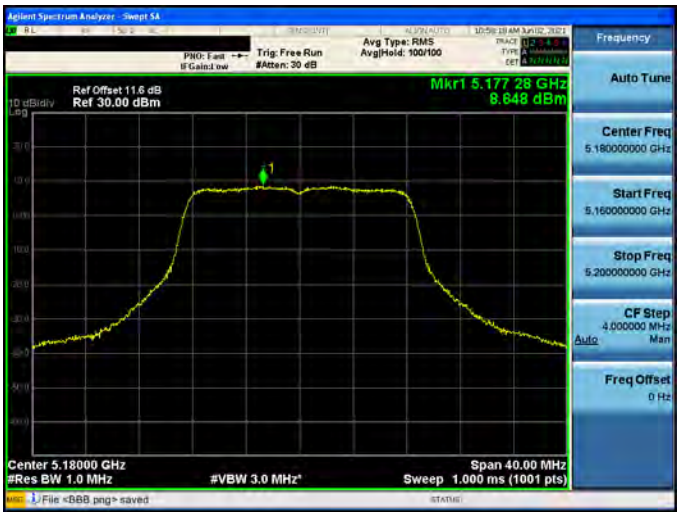
Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

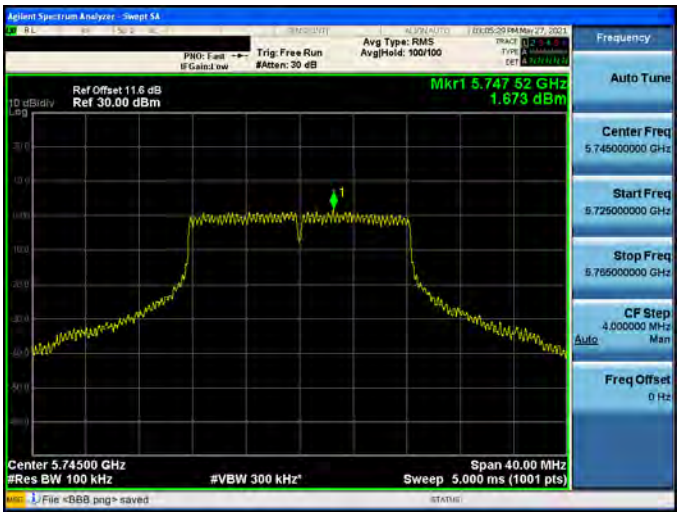
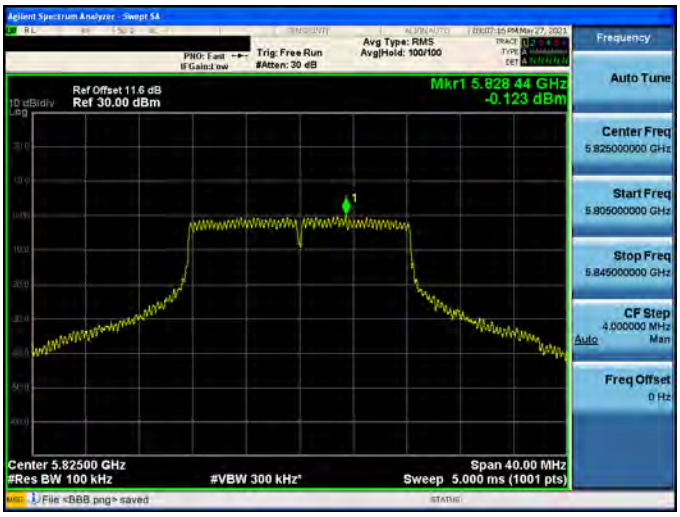
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

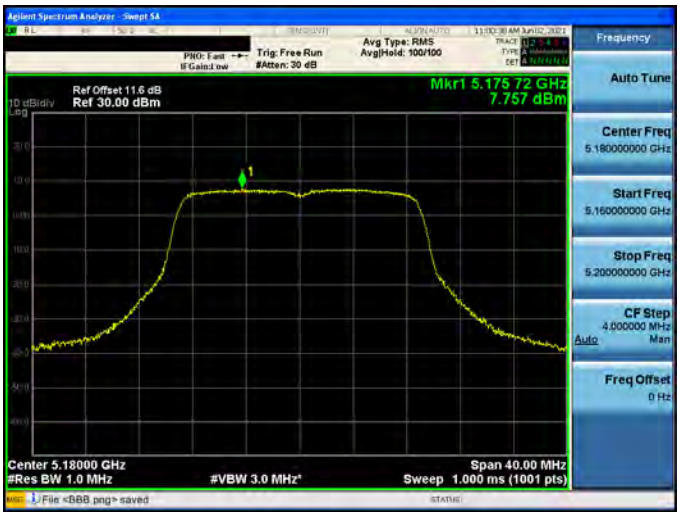
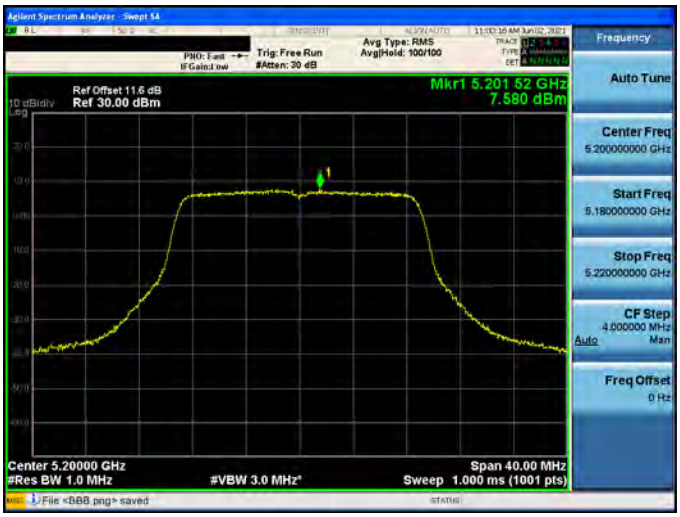
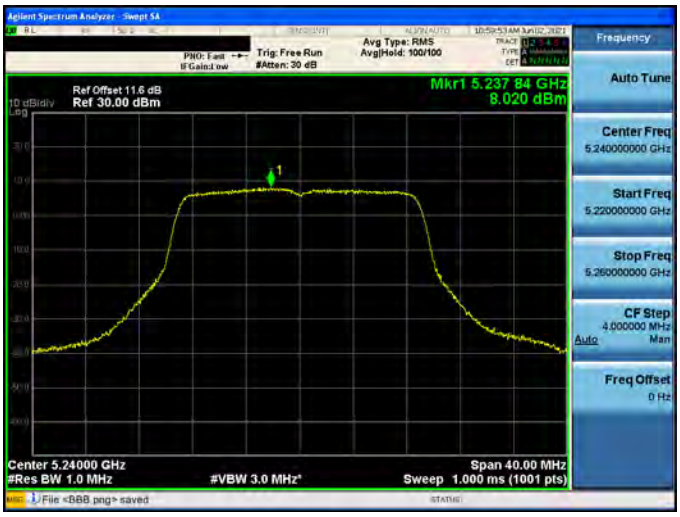
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

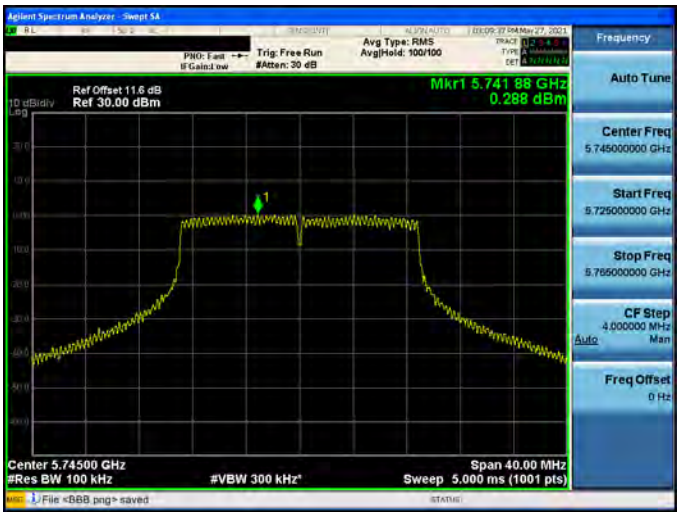
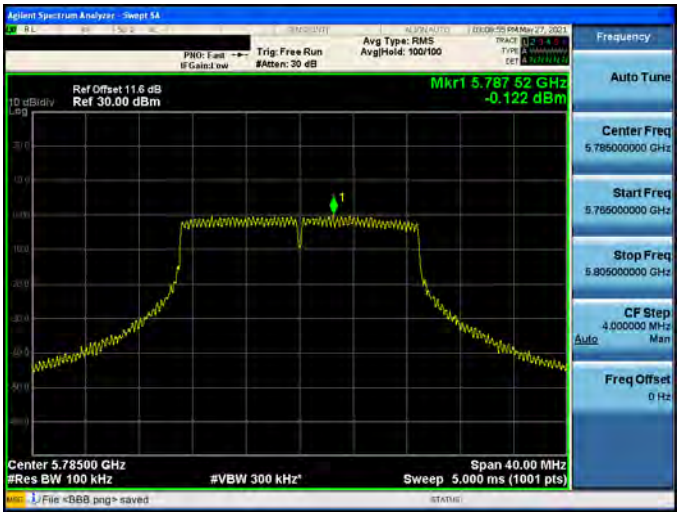
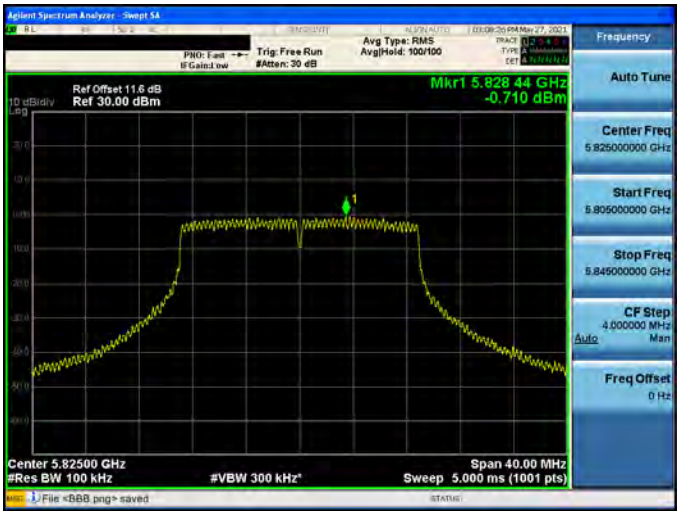
Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

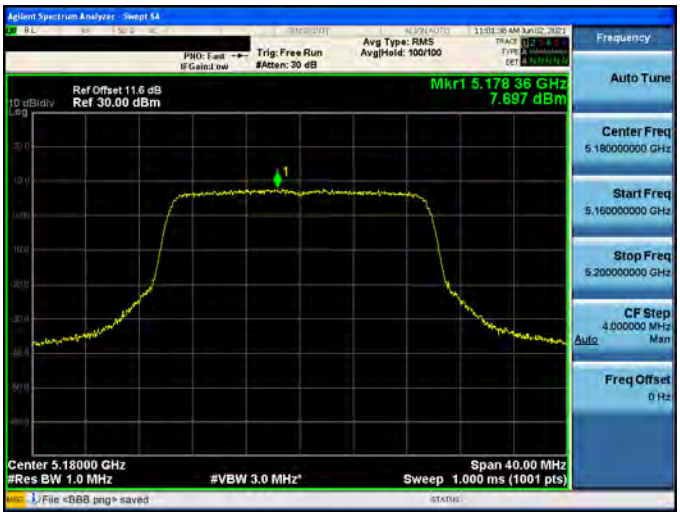
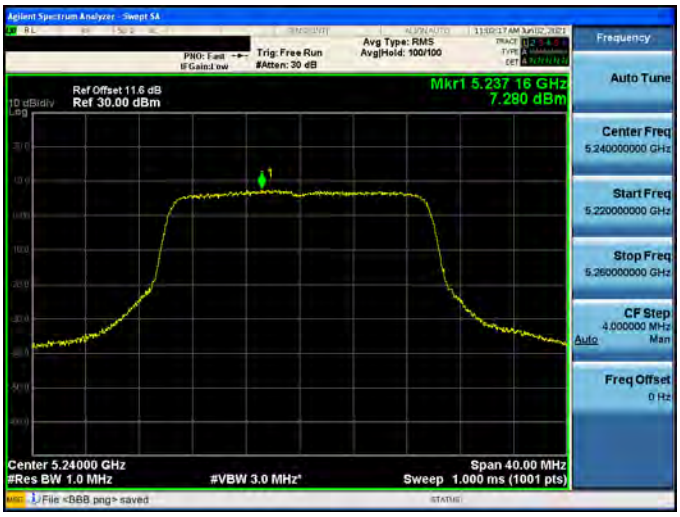
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

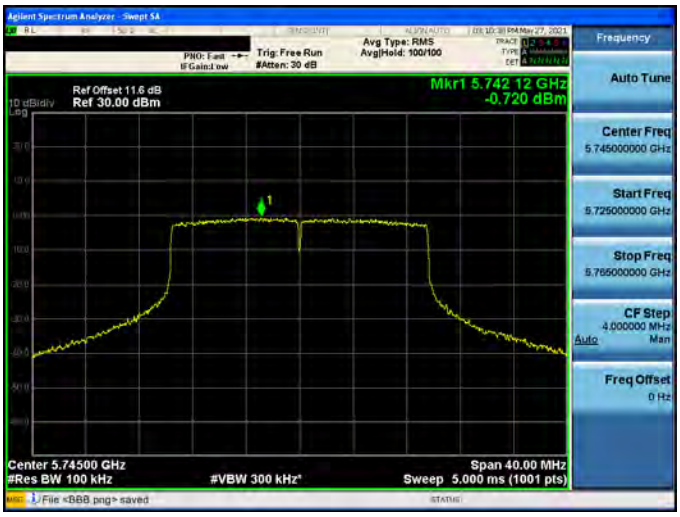
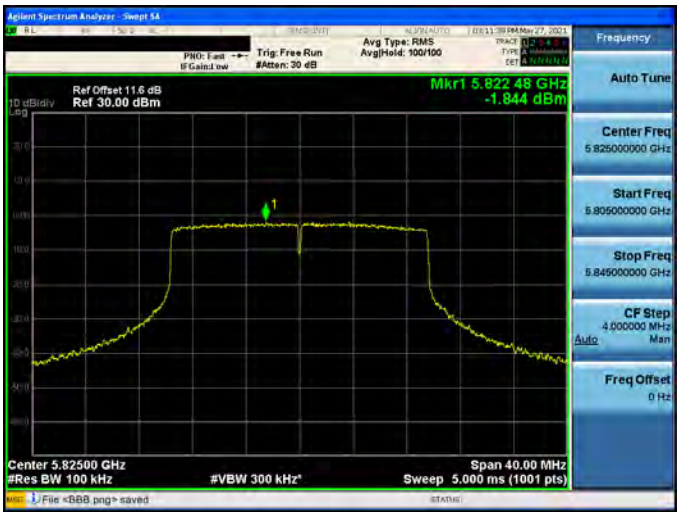
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

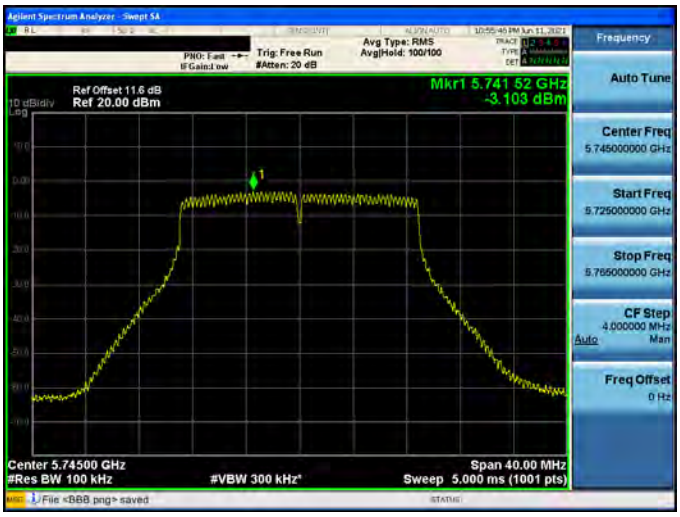
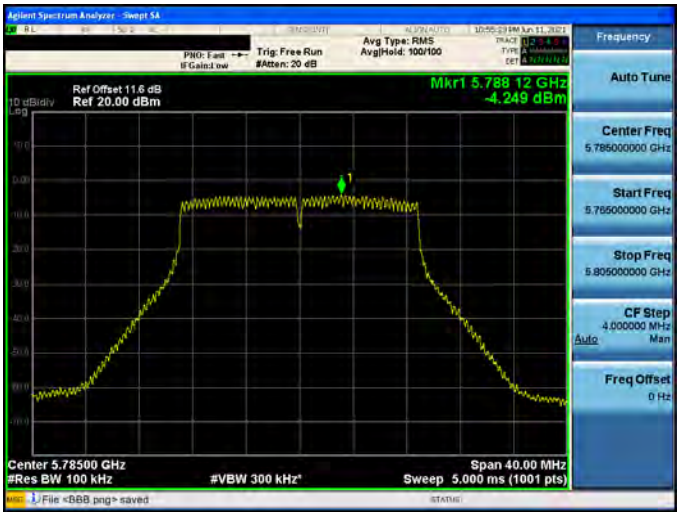
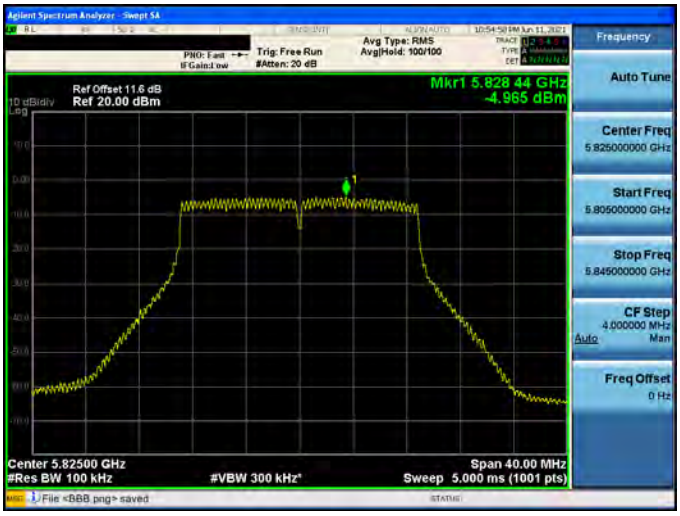
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

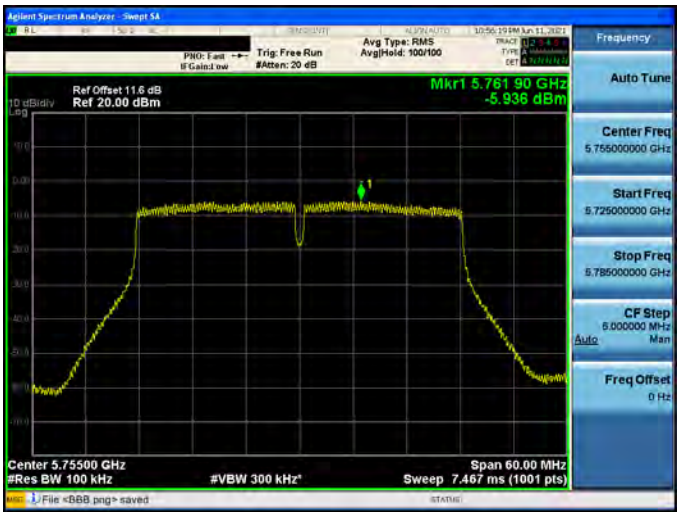
Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

Beamforming on

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

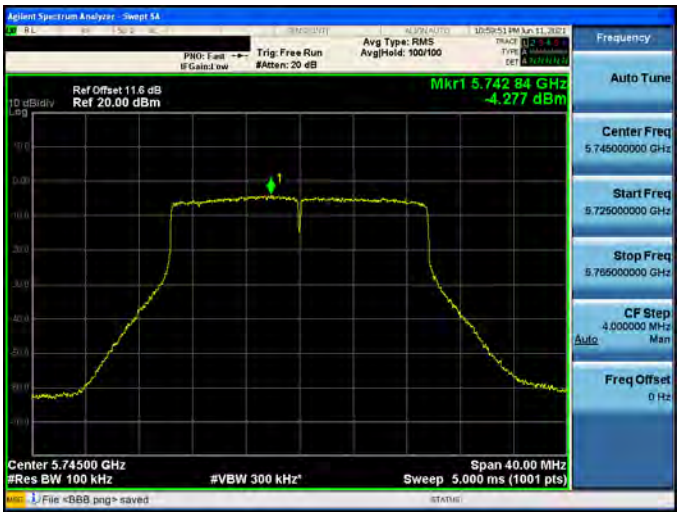
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

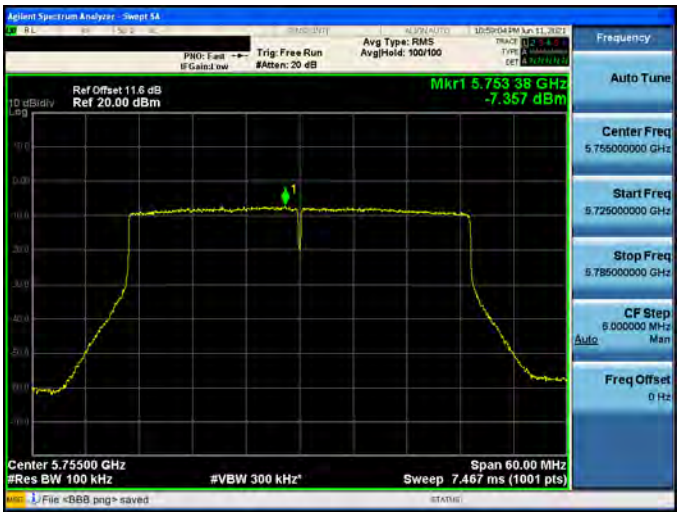
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

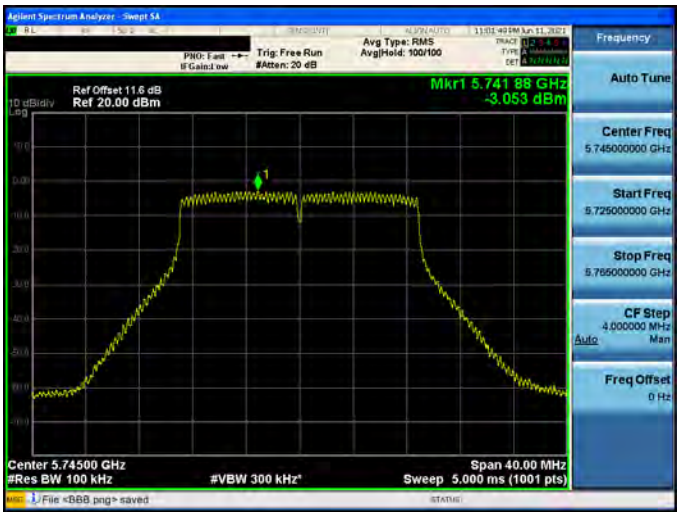
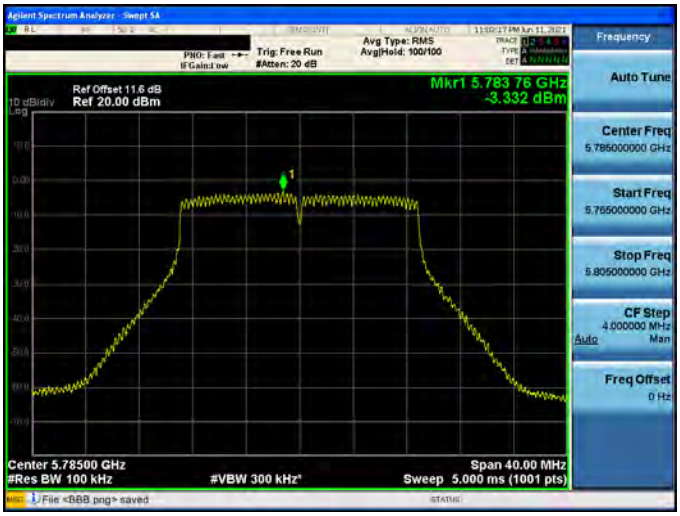
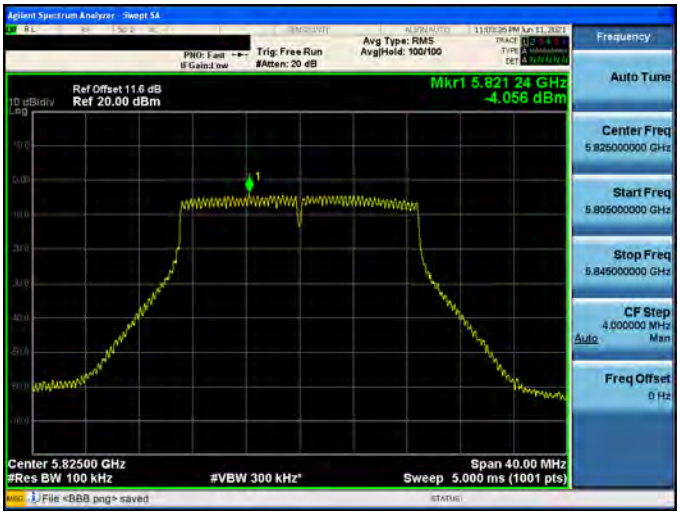
Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5190 MHz	
5230 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-0	
5755 MHz	
5795 MHz	

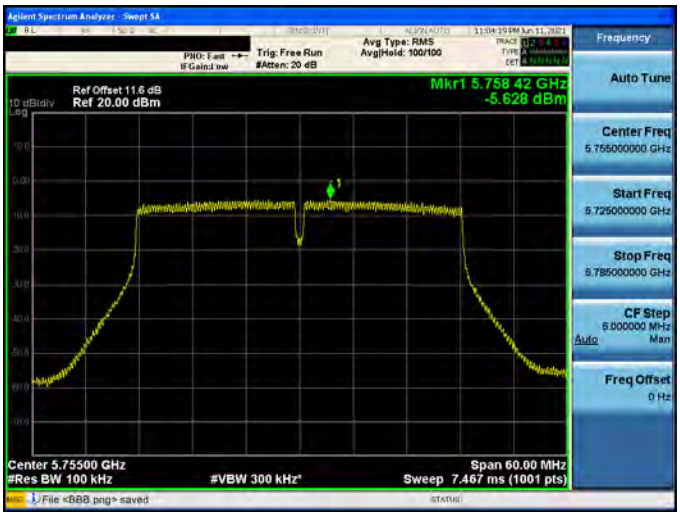
Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-0	
5210 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-0	
5775 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

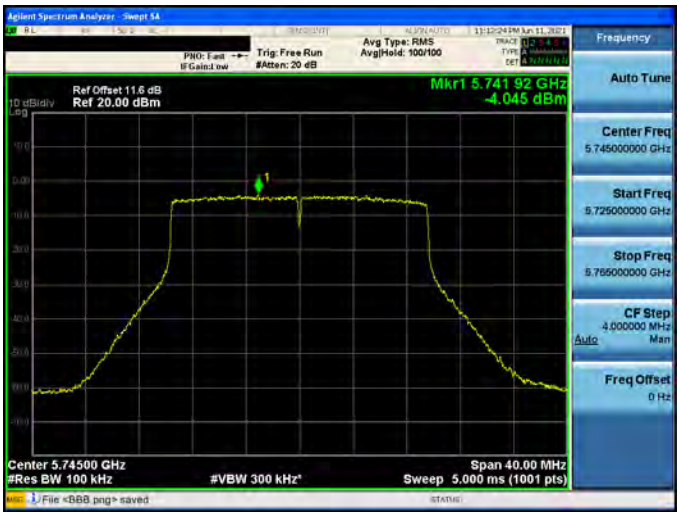
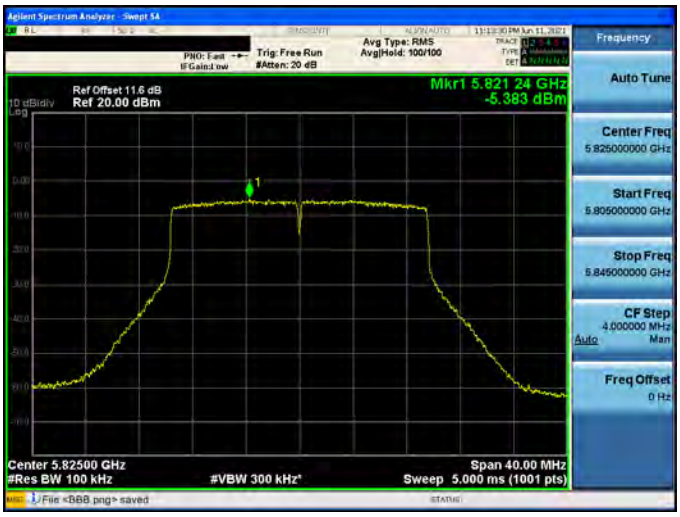
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5190 MHz	
5230 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-1	
5210 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode _ ANT-1	
5775 MHz	

---END---