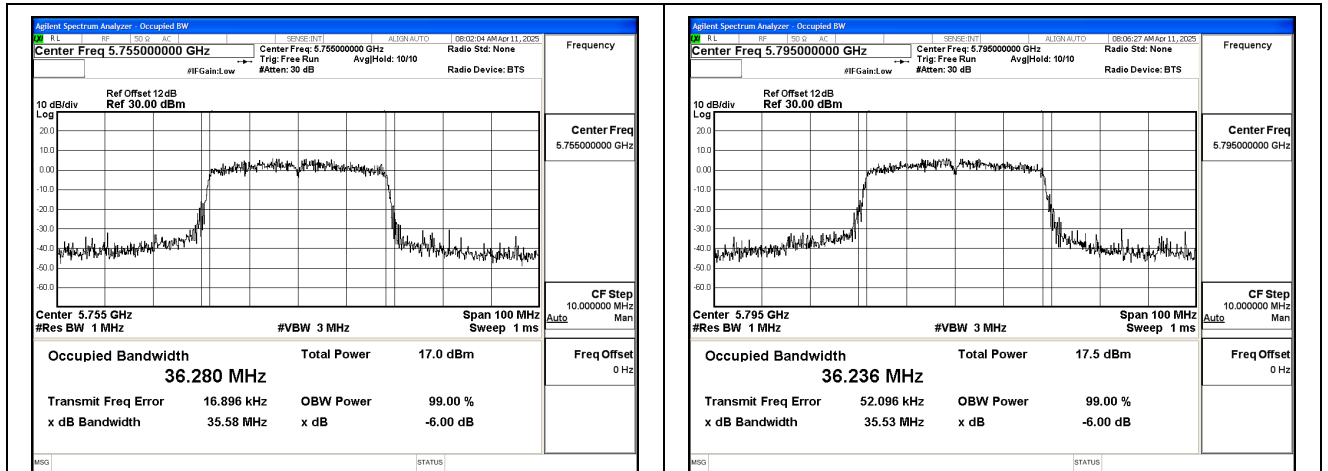


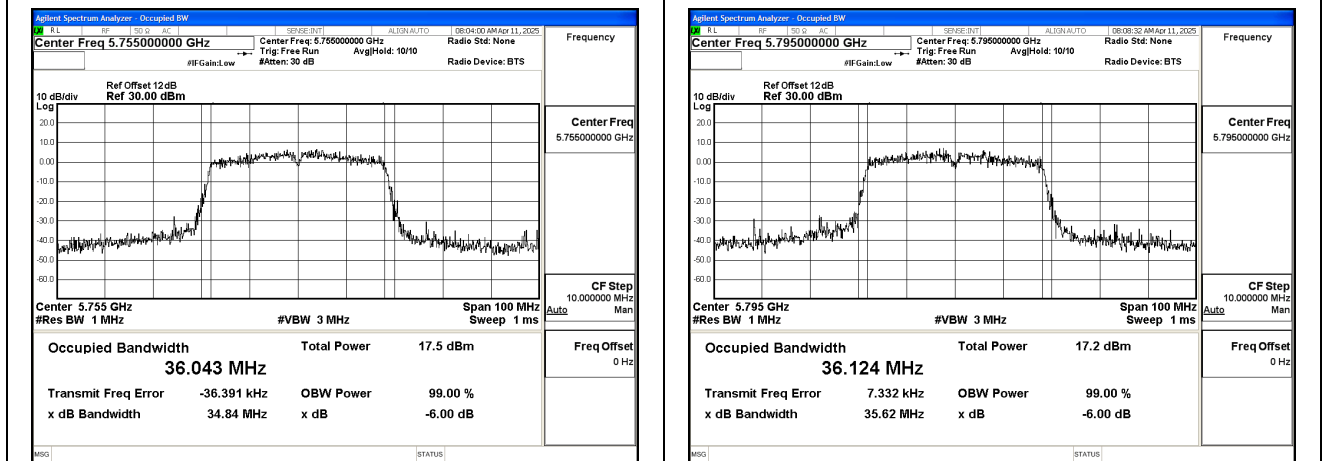


Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0

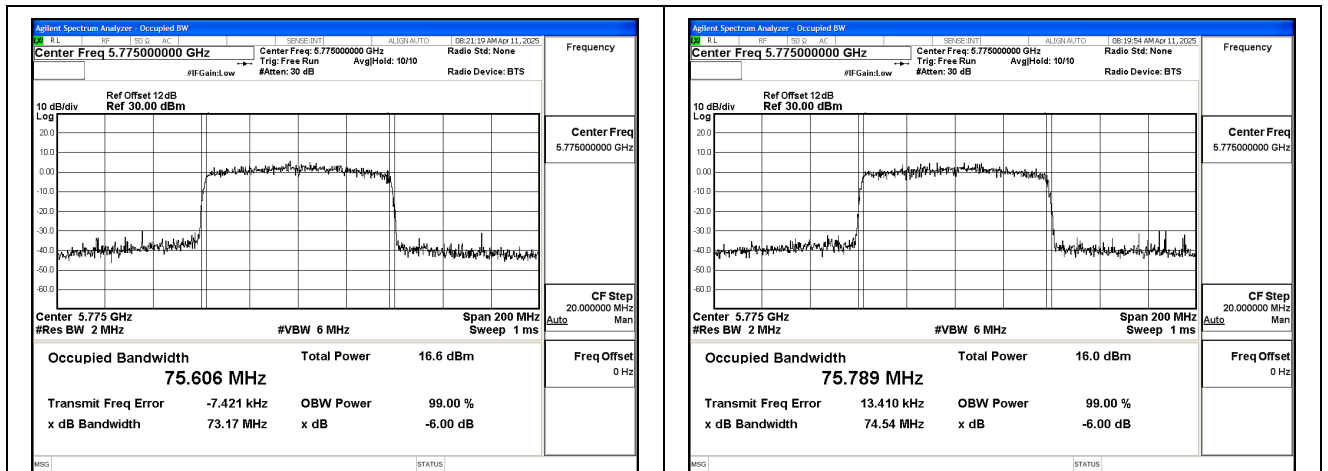
Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain0



Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1

Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain0

Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain1



MIN EMISSION BANDWIDTH

TEST RESULT B4

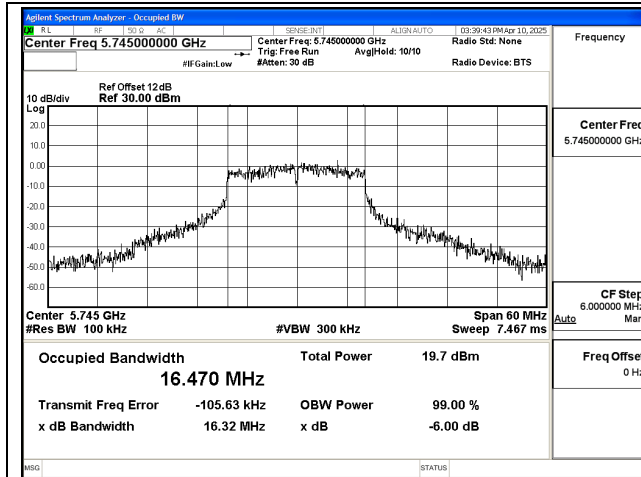
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.32	16.37	16.33
802.11a	Chain1	16.30	16.35	16.39
802.11n HT20	Chain0	17.63	17.57	12.61
802.11n HT20	Chain1	17.05	17.60	16.59
802.11ac VHT20	Chain0	17.30	17.54	17.53
802.11ac VHT20	Chain1	17.30	15.75	17.66

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	35.86	---	30.12
802.11n HT40	Chain1	35.15	---	36.02
802.11ac VHT40	Chain0	34.18	---	34.40
802.11ac VHT40	Chain1	31.34	---	35.36

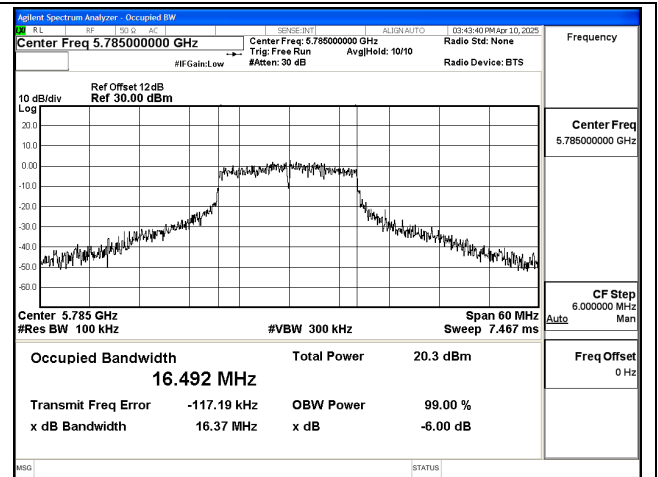
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	67.73	---	---
802.11ac VHT80	Chain1	69.74	---	---

TEST GRAPHS B4

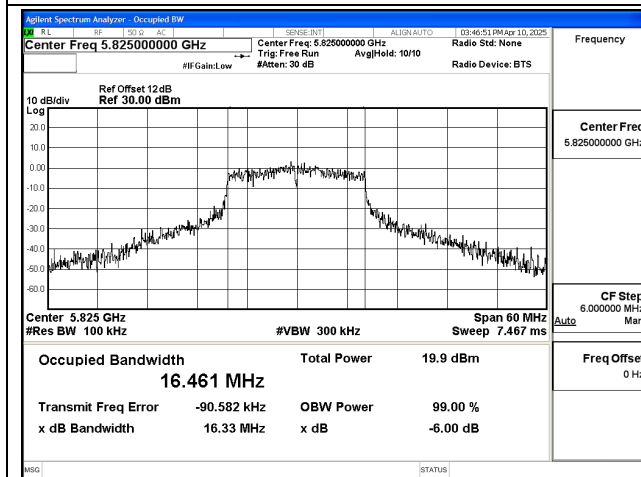
Test Mode: 802.11a



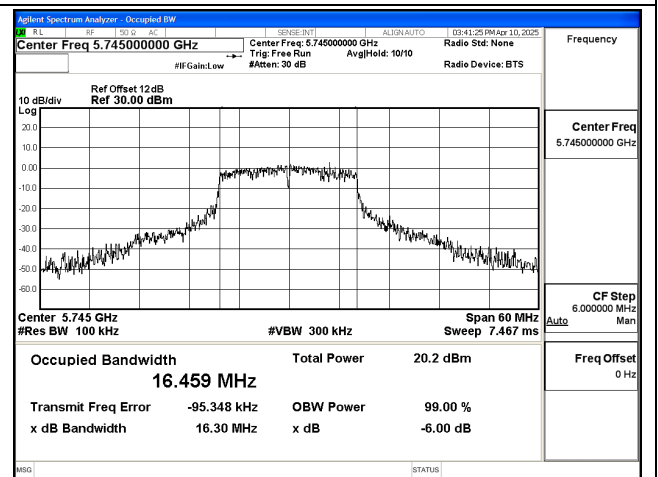
Mode:802.11a Frequency:5745MHz Ant:Chain0



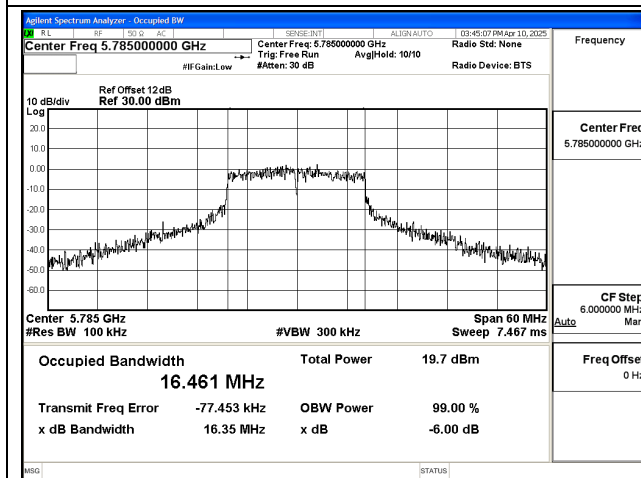
Mode:802.11a Frequency:5785MHz Ant:Chain0



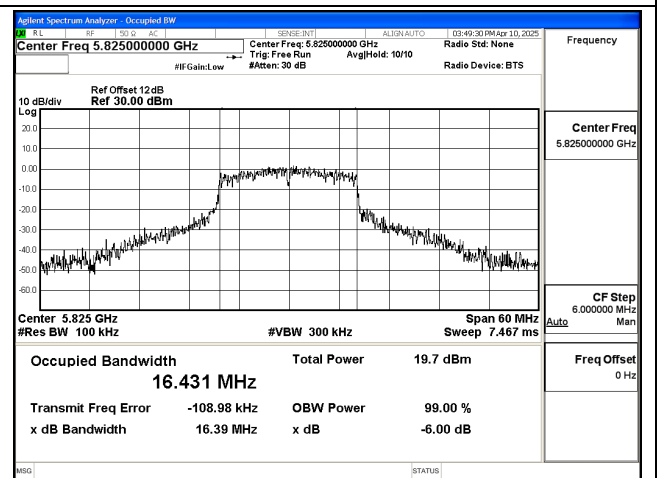
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1



Mode:802.11a Frequency:5785MHz Ant:Chain1



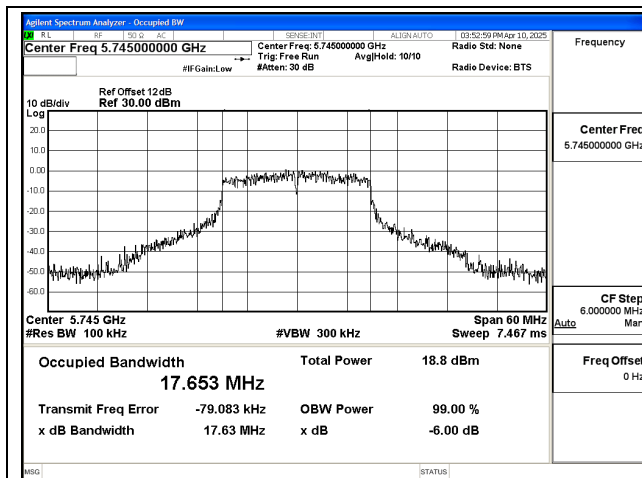
Mode:802.11a Frequency:5825MHz Ant:Chain1



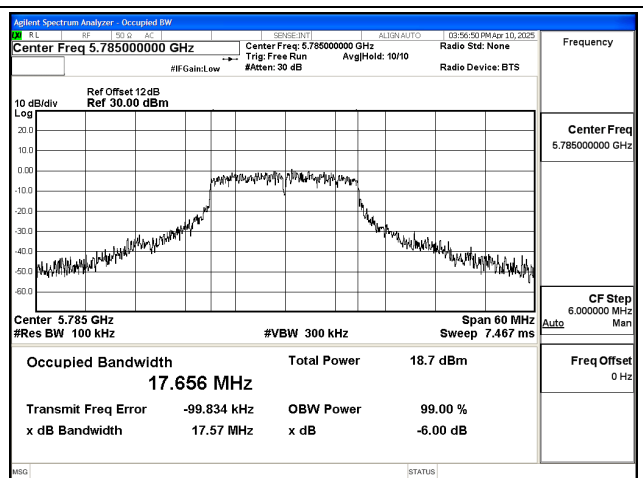
BUREAU
VERITAS

Test Report No.: PSU-NQN2504020214RF02

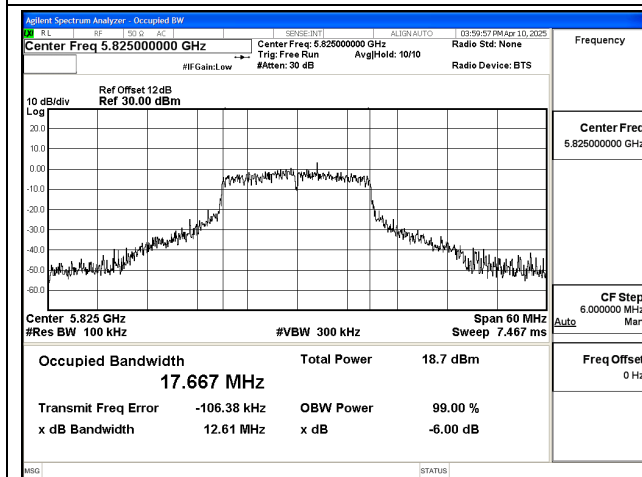
Test Mode: 802.11n HT20



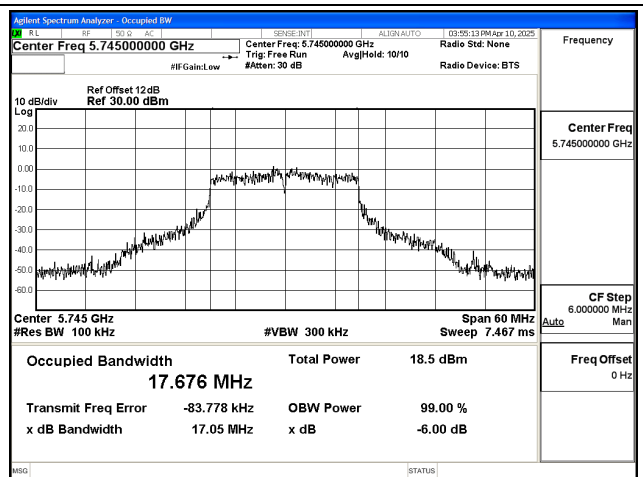
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0



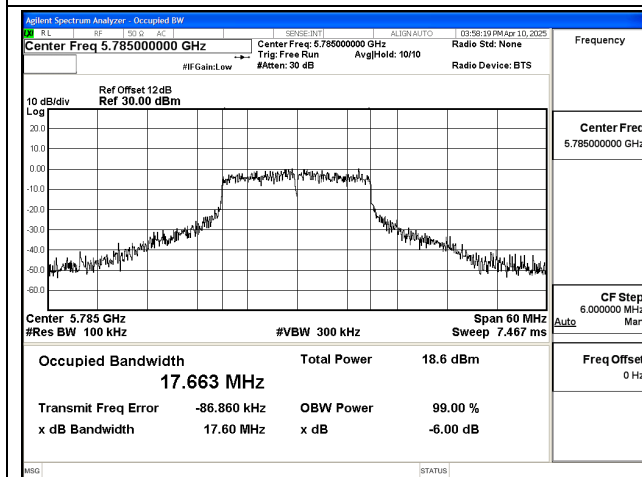
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



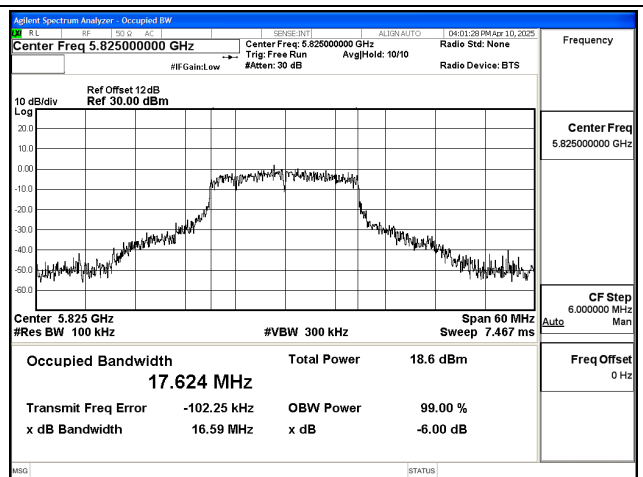
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5745MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1



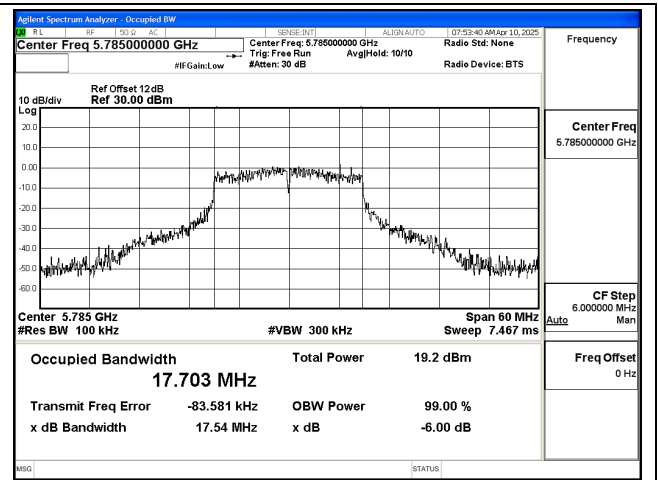
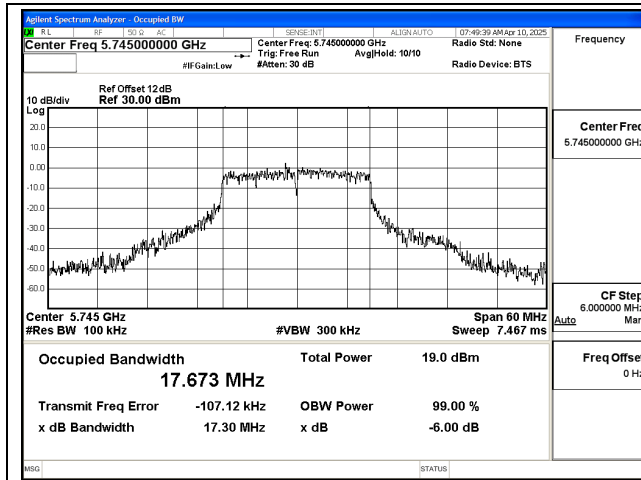
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain1



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VERITAS

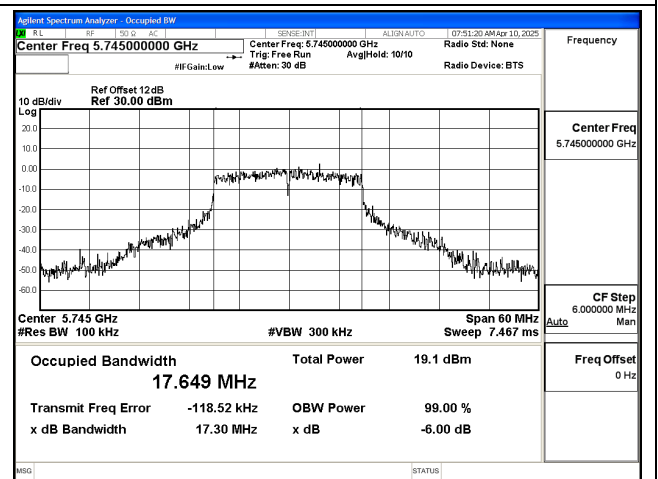
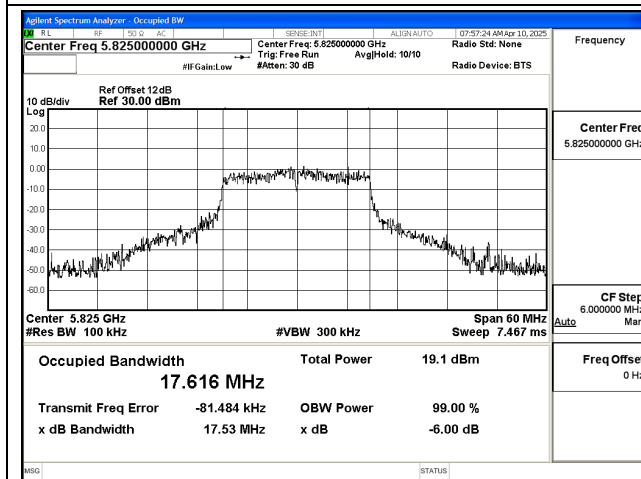
Test Report No.: PSU-NQN2504020214RF02

Test Mode: 802.11ac VHT20



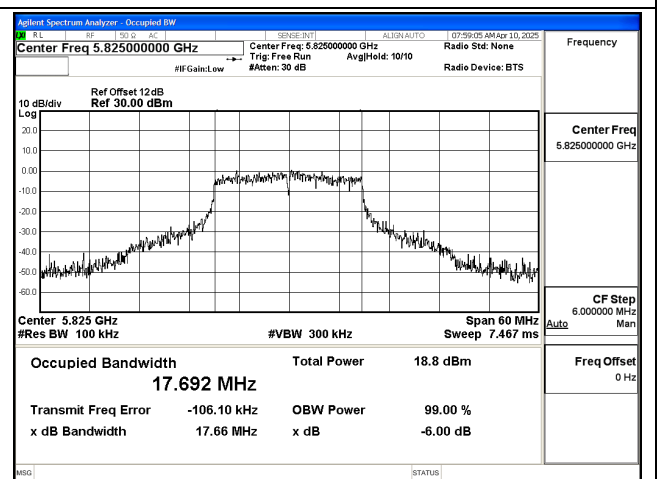
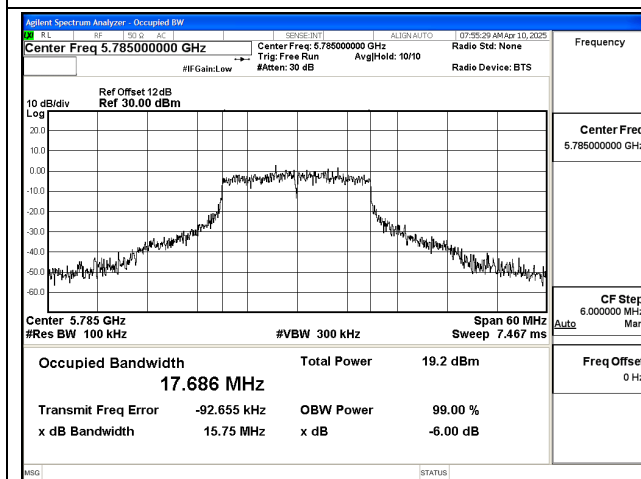
Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain0

Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain0



Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain0

Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain1

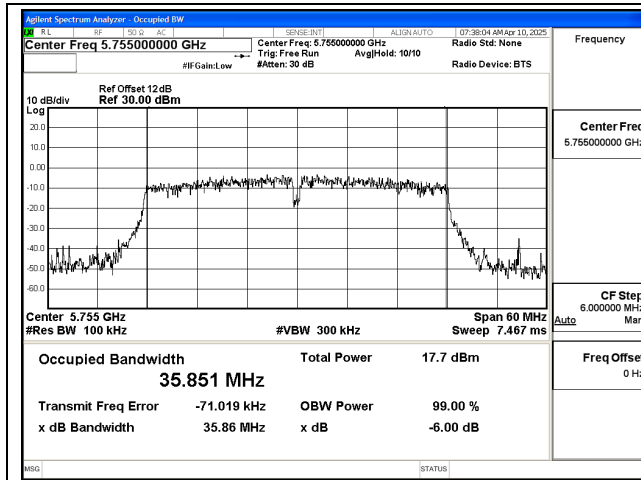


Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain1

Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain1

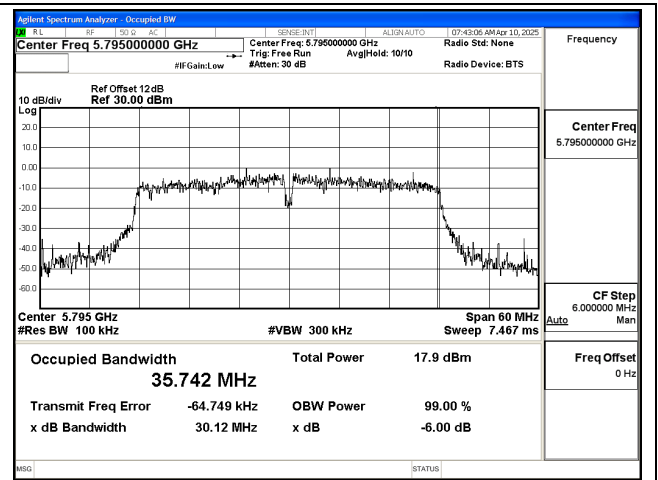


Test Mode: 802.11n HT40



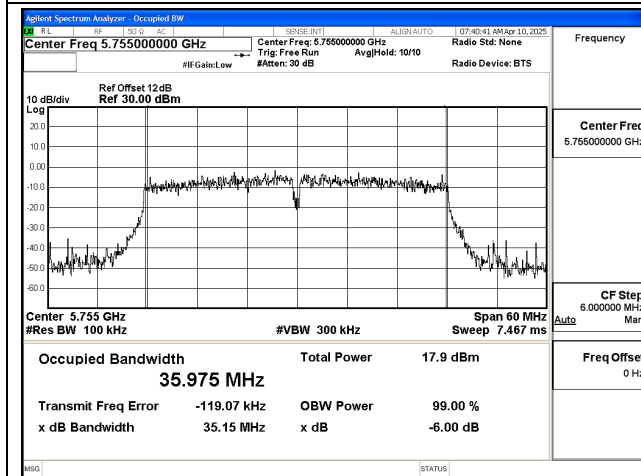
Mode:802.11n HT40 Frequency:5755MHz

Ant:Chain0



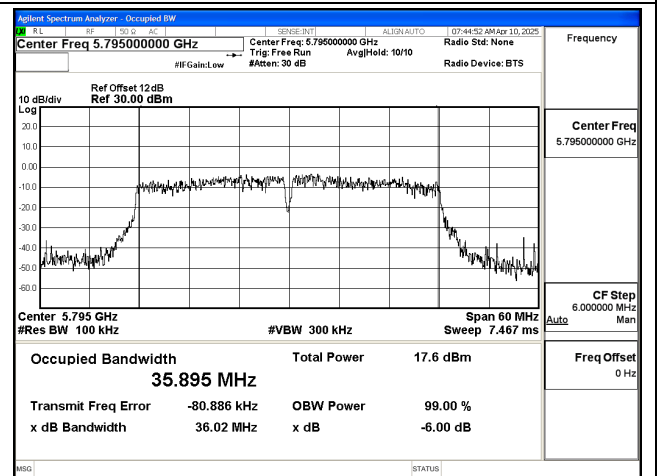
Mode:802.11n HT40 Frequency:5795MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz

Ant:Chain1



Mode:802.11n HT40 Frequency:5795MHz

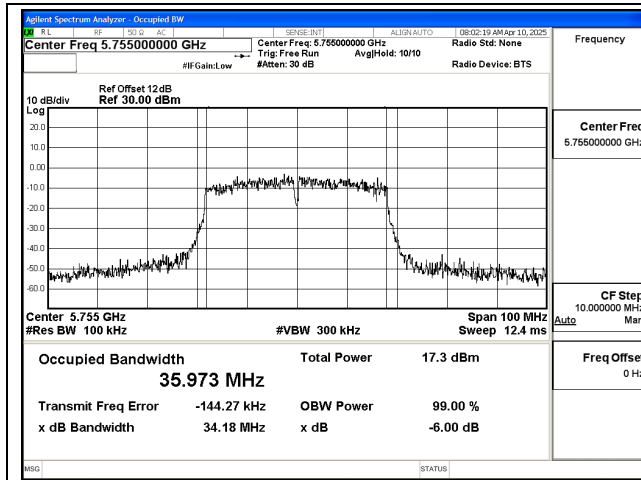
Ant:Chain1



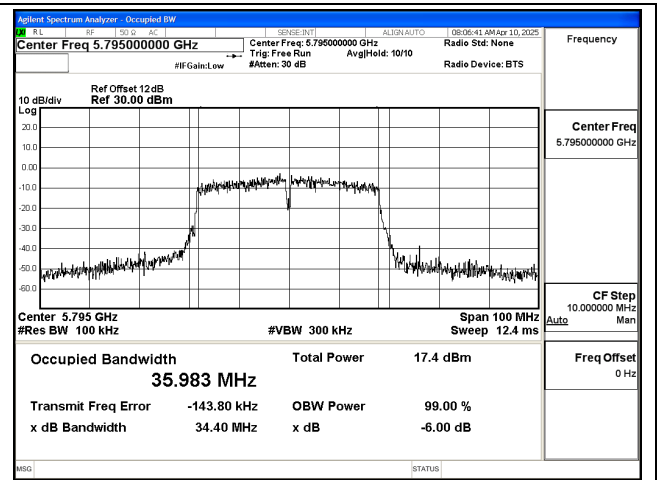
BUREAU
VERITAS

Test Report No.: PSU-NQN2504020214RF02

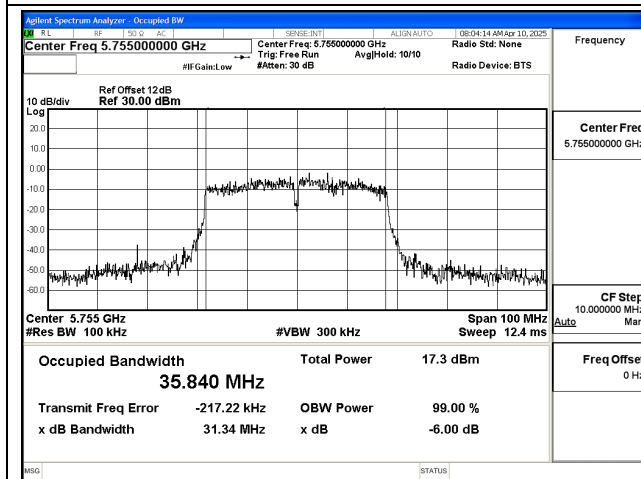
Test Mode: 802.11ac VHT40



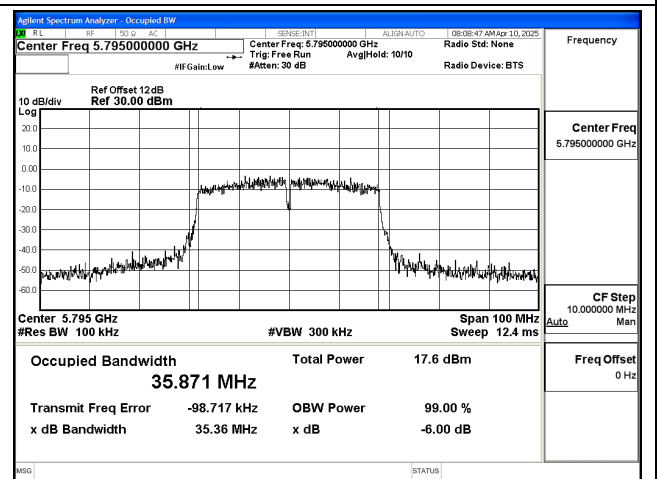
Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0



Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain0

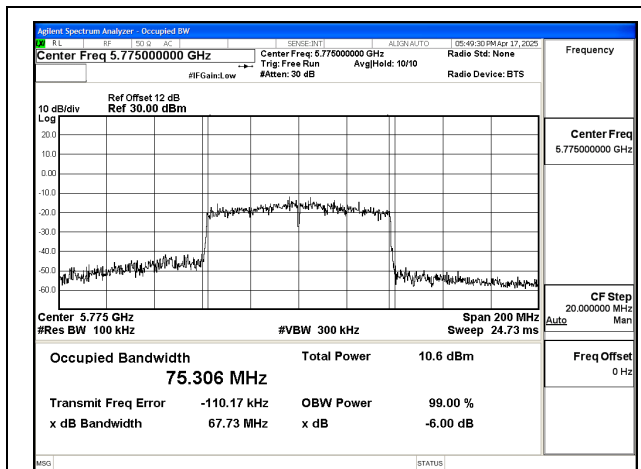


Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1

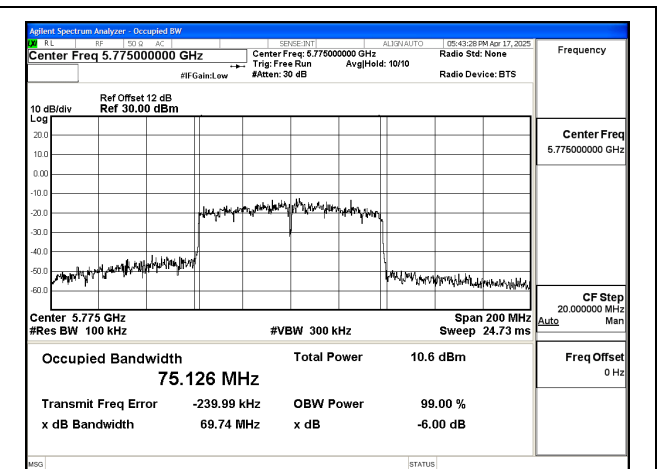


Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain0



Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain1

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DUTY CYCLE TEST RESULT

U-NII-1

Test Mode	Antenna	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	Chain0	5180	85.69%	0.67	Fig.1
802.11a	Chain1	5180	85.80%	0.67	Fig.2
802.11n HT20	Chain0	5180	85.00%	0.71	Fig.3
802.11n HT20	Chain1	5180	85.82%	0.66	Fig.4
802.11ac VHT20	Chain0	5180	86.11%	0.65	Fig.5
802.11ac VHT20	Chain1	5180	86.03%	0.65	Fig.6
802.11n HT40	Chain0	5190	78.04%	1.08	Fig.7
802.11n HT40	Chain1	5190	77.86%	1.09	Fig.8
802.11ac VHT40	Chain0	5190	76.97%	1.14	Fig.9
802.11ac VHT40	Chain1	5190	78.18%	1.07	Fig.10
802.11ac VHT80	Chain0	5210	70.22%	1.54	Fig.11
802.11ac VHT80	Chain1	5210	70.29%	1.53	Fig.12



U-NII-2A

Test Mode	Antenna	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	Chain0	5260	86.16%	0.65	Fig.1
802.11a	Chain1	5260	86.12%	0.65	Fig.2
802.11n HT20	Chain0	5260	84.64%	0.72	Fig.3
802.11n HT20	Chain1	5260	85.91%	0.66	Fig.4
802.11ac VHT20	Chain0	5260	86.04%	0.65	Fig.5
802.11ac VHT20	Chain1	5260	84.60%	0.73	Fig.6
802.11n HT40	Chain0	5270	77.89%	1.09	Fig.7
802.11n HT40	Chain1	5270	78.01%	1.08	Fig.8
802.11ac VHT40	Chain0	5270	78.29%	1.06	Fig.9
802.11ac VHT40	Chain1	5270	78.16%	1.07	Fig.10
802.11ac VHT80	Chain0	5290	70.35%	1.53	Fig.11
802.11ac VHT80	Chain1	5290	70.60%	1.51	Fig.12



U-NII-2C

Test Mode	Antenna	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	Chain0	5500	85.65%	0.67	Fig.1
802.11a	Chain1	5500	85.78%	0.67	Fig.2
802.11n HT20	Chain0	5500	85.47%	0.68	Fig.3
802.11n HT20	Chain1	5500	85.40%	0.69	Fig.4
802.11ac VHT20	Chain0	5500	85.47%	0.68	Fig.5
802.11ac VHT20	Chain1	5500	84.49%	0.73	Fig.6
802.11n HT40	Chain0	5510	77.25%	1.12	Fig.7
802.11n HT40	Chain1	5510	77.22%	1.12	Fig.8
802.11ac VHT40	Chain0	5510	77.56%	1.10	Fig.9
802.11ac VHT40	Chain1	5510	77.44%	1.11	Fig.10
802.11ac VHT80	Chain0	5530	69.49%	1.58	Fig.11
802.11ac VHT80	Chain1	5530	69.50%	1.58	Fig.12

**U-NII-3**

Test Mode	Antenna	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	Chain0	5745	86.02%	0.65	Fig.1
802.11a	Chain1	5745	86.03%	0.65	Fig.2
802.11n HT20	Chain0	5745	86.68%	0.62	Fig.3
802.11n HT20	Chain1	5745	86.03%	0.65	Fig.4
802.11ac VHT20	Chain0	5745	86.40%	0.63	Fig.5
802.11ac VHT20	Chain1	5745	86.34%	0.64	Fig.6
802.11n HT40	Chain0	5755	78.31%	1.06	Fig.7
802.11n HT40	Chain1	5755	78.26%	1.06	Fig.8
802.11ac VHT40	Chain0	5755	78.74%	1.04	Fig.9
802.11ac VHT40	Chain1	5755	78.51%	1.05	Fig.10
802.11ac VHT80	Chain0	5775	70.80%	1.50	Fig.11
802.11ac VHT80	Chain1	5775	70.70%	1.51	Fig.12

TEST GRAPHS

U-NII-1

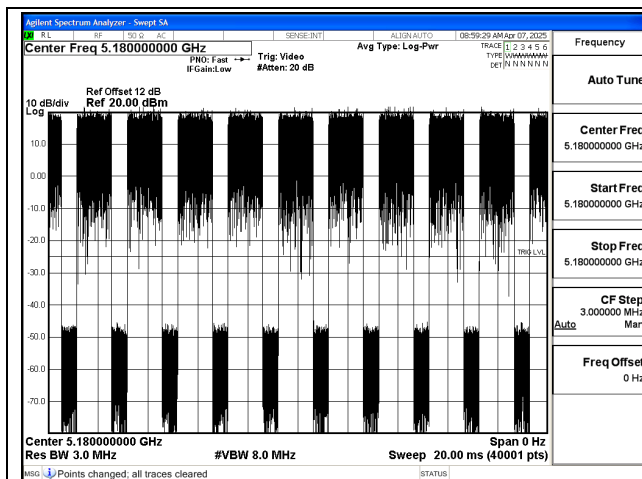


Fig.1

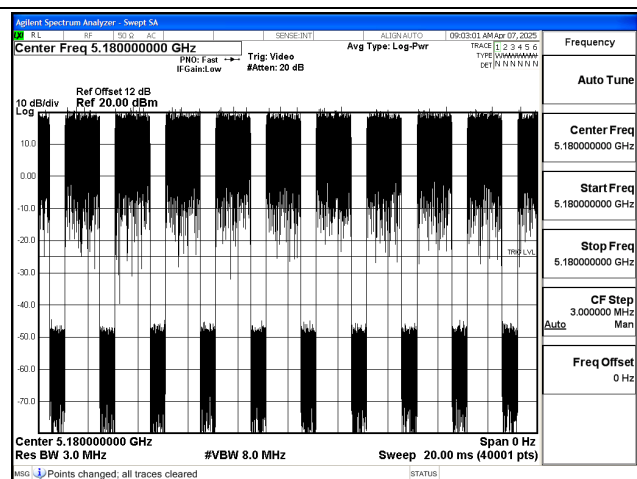


Fig.2

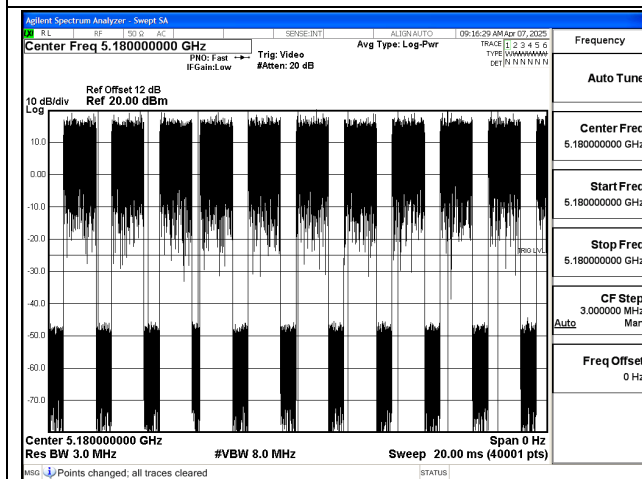


Fig.3

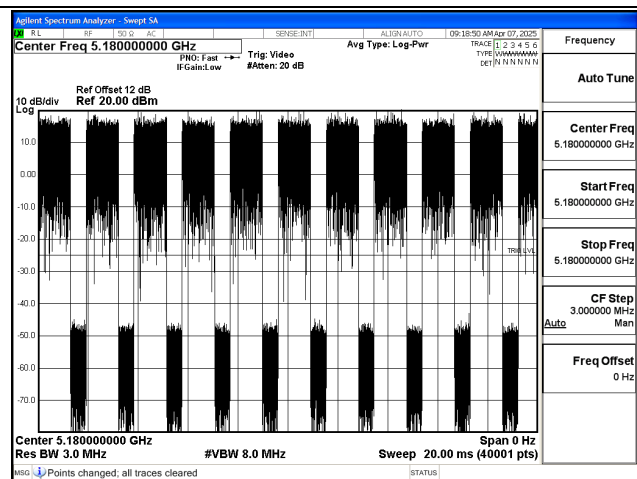


Fig.4

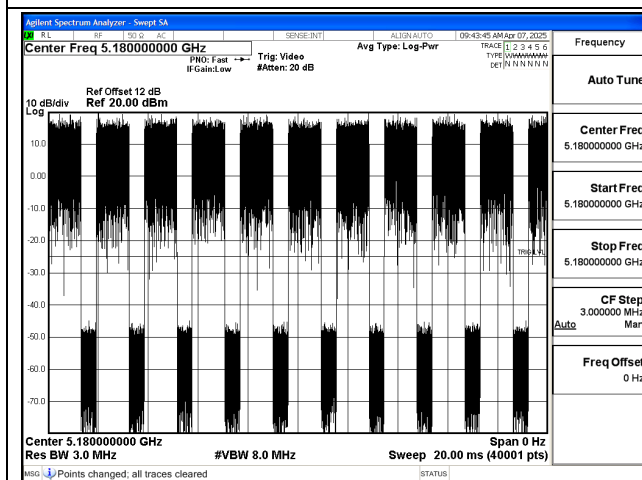


Fig.5

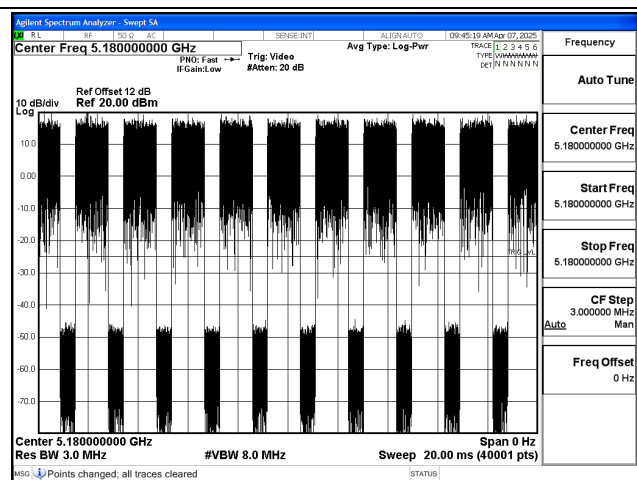


Fig.6

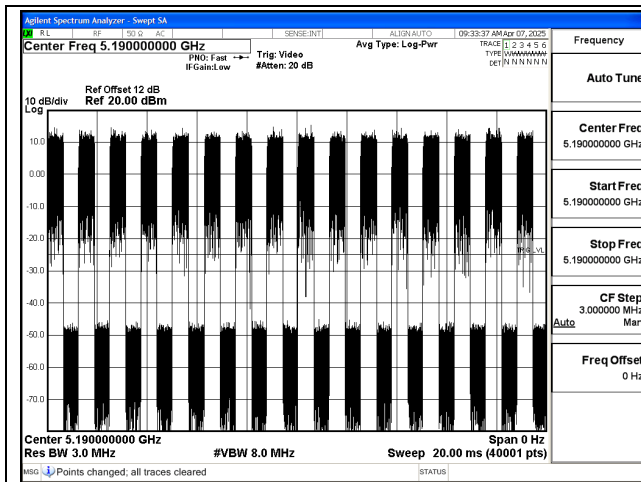


Fig.7

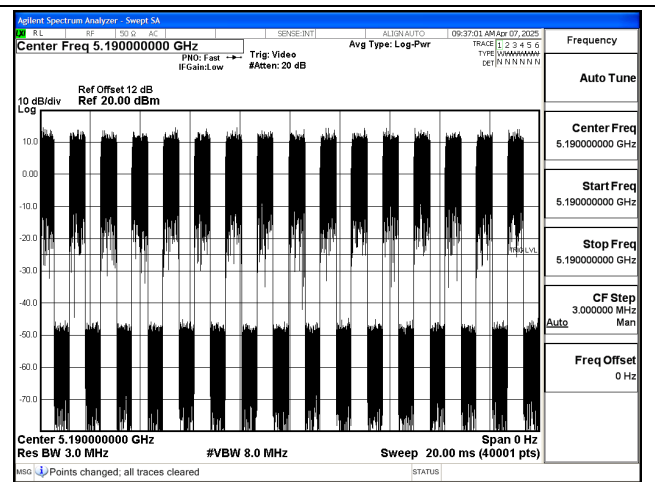


Fig.8

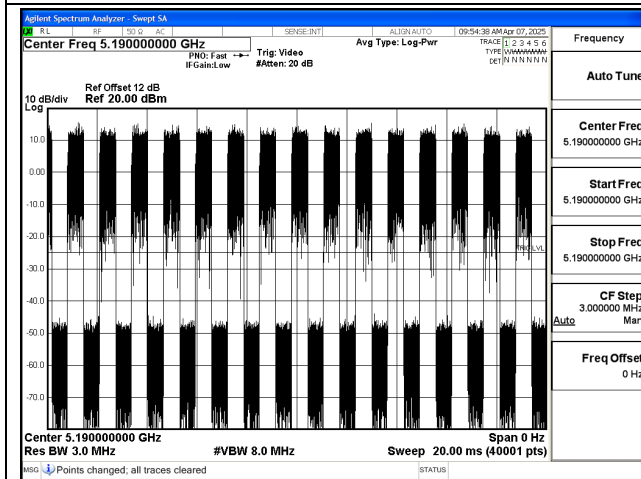


Fig.9

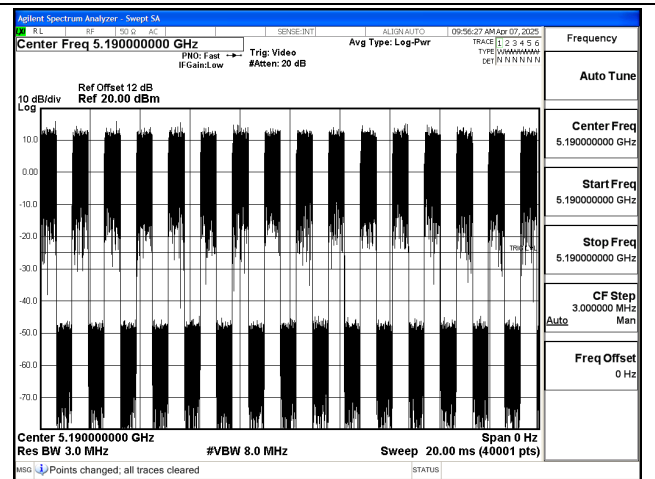


Fig.10

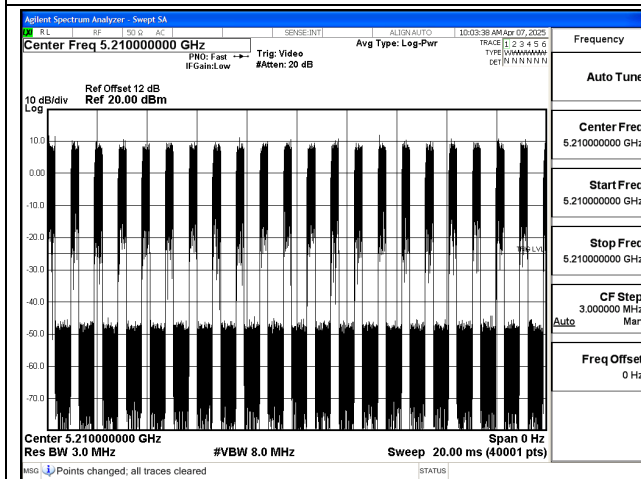


Fig.11

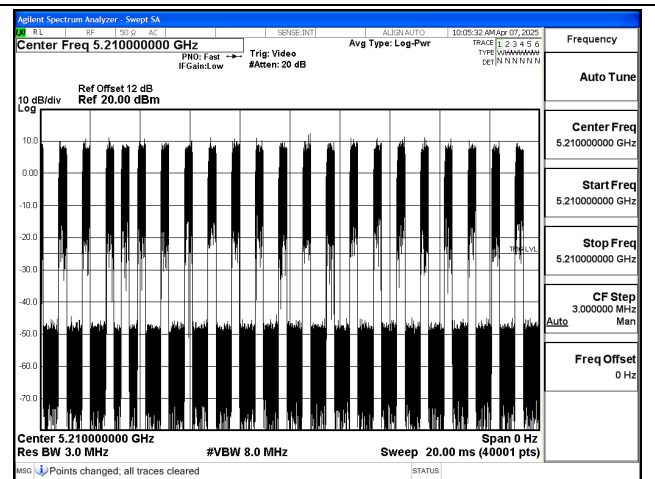


Fig.12

U-NII-2A

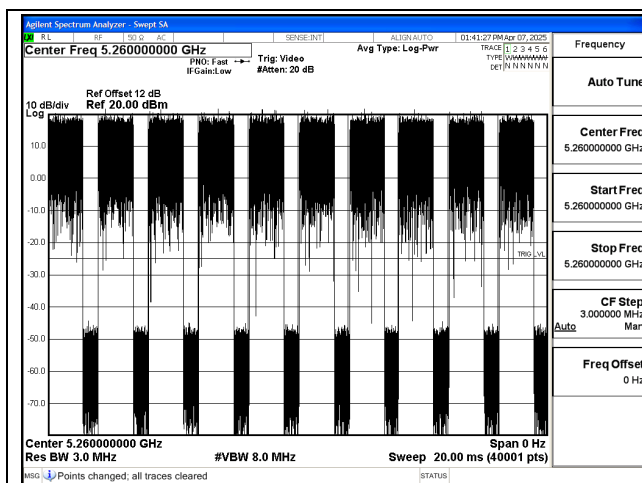


Fig.1

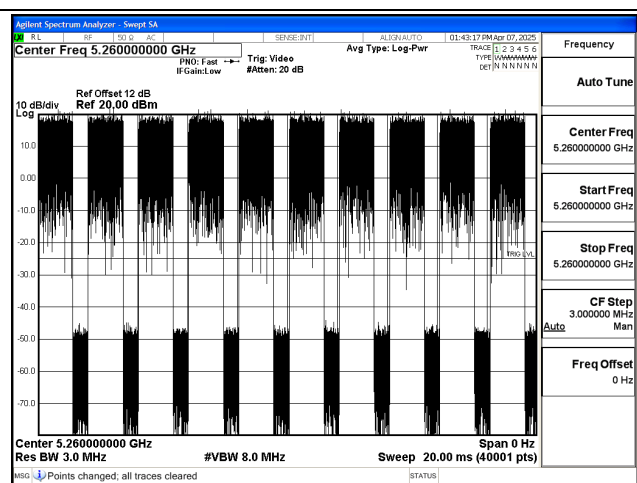


Fig.2

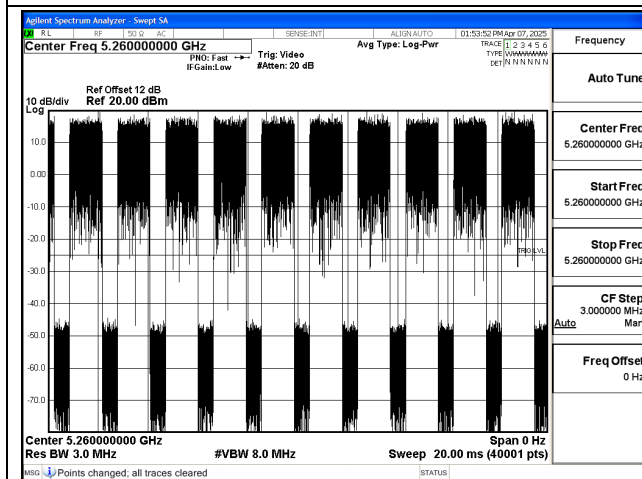


Fig.3

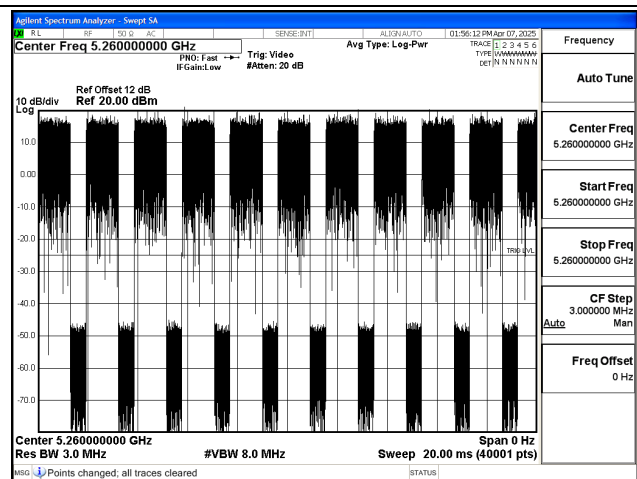


Fig.4

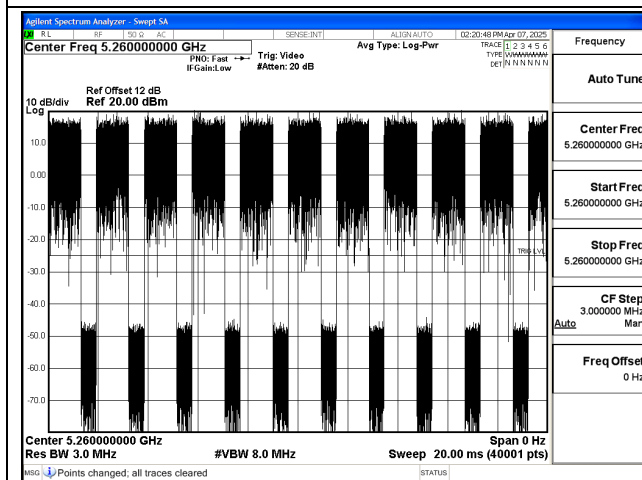


Fig.5

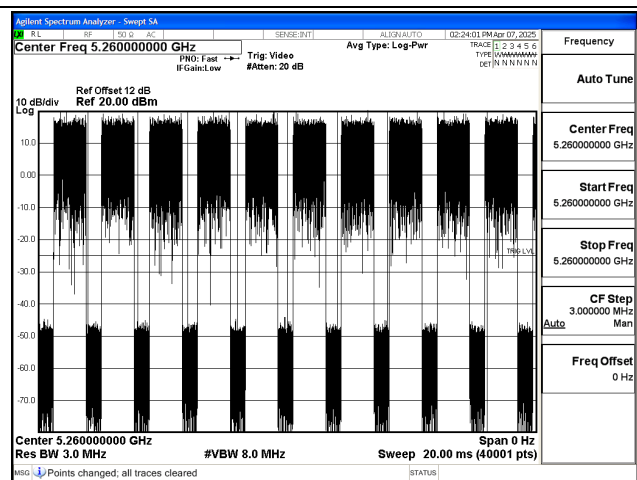


Fig.6

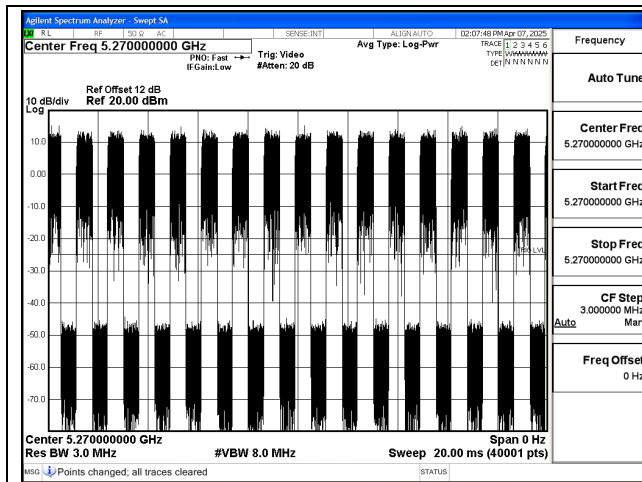


Fig.7

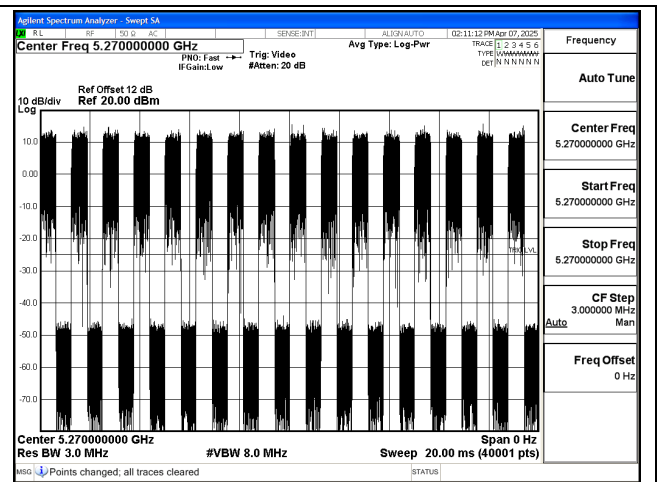


Fig.8

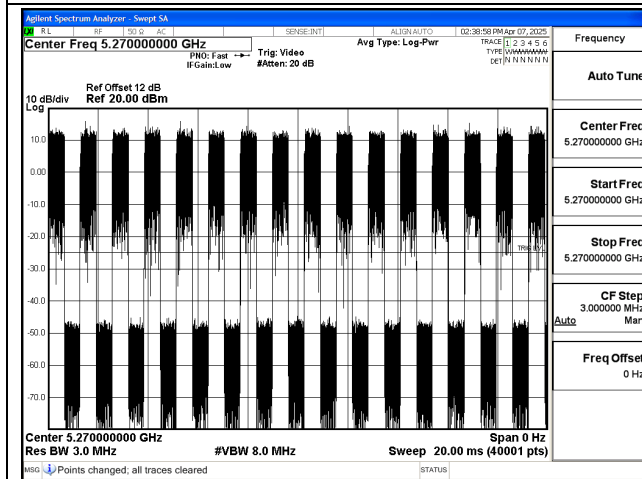


Fig.9

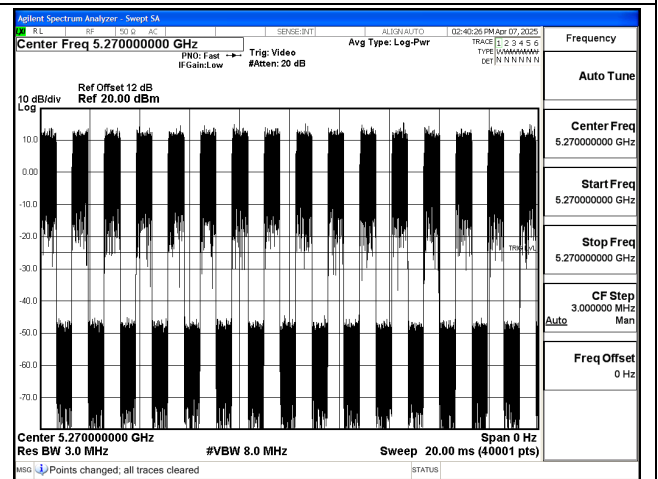


Fig.10

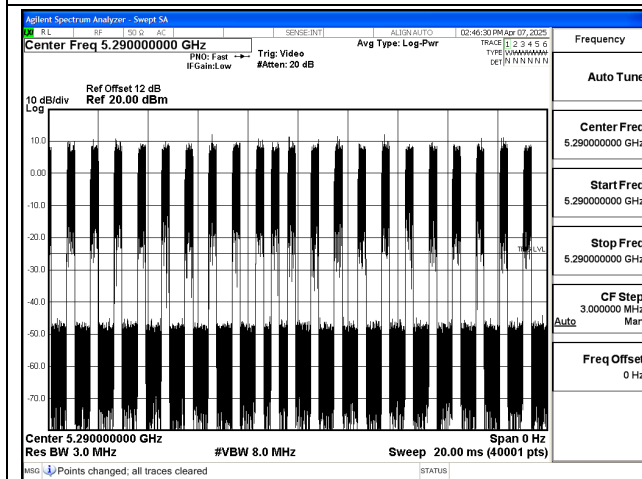


Fig.11

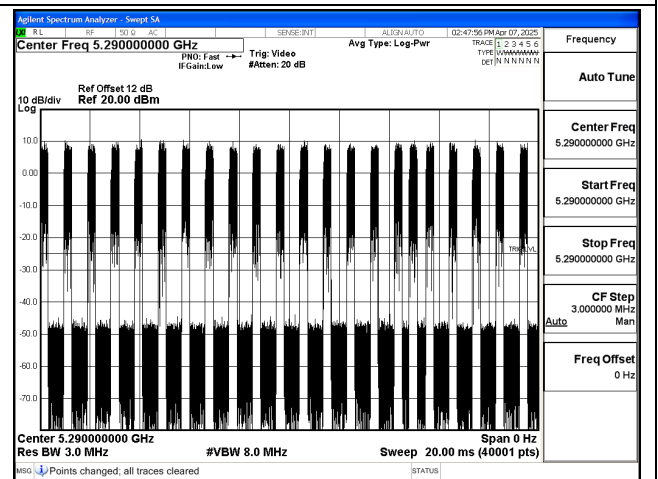


Fig.12

U-NII-2C

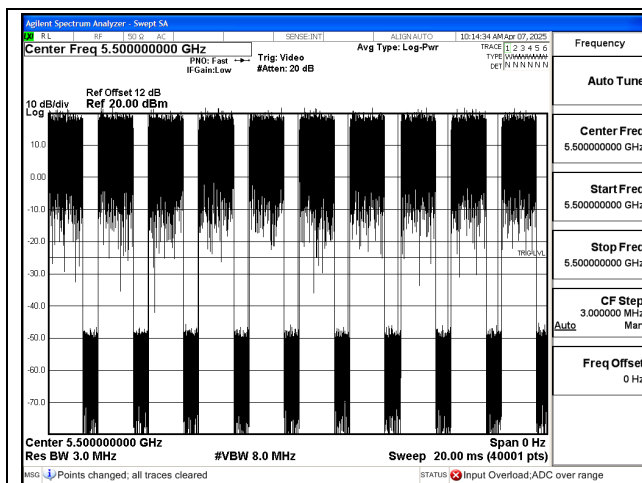


Fig.1

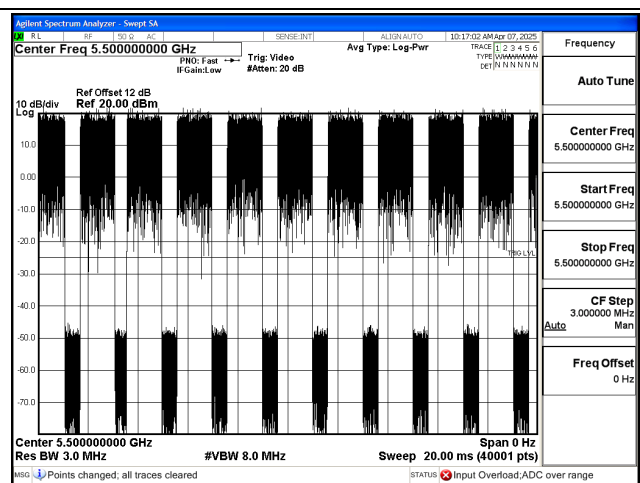


Fig.2

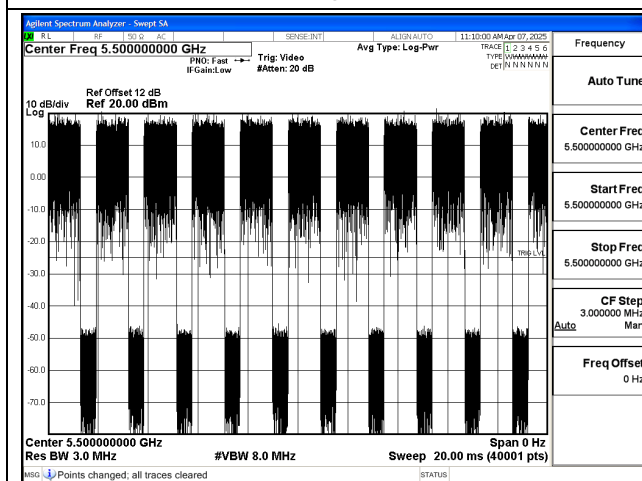


Fig.3

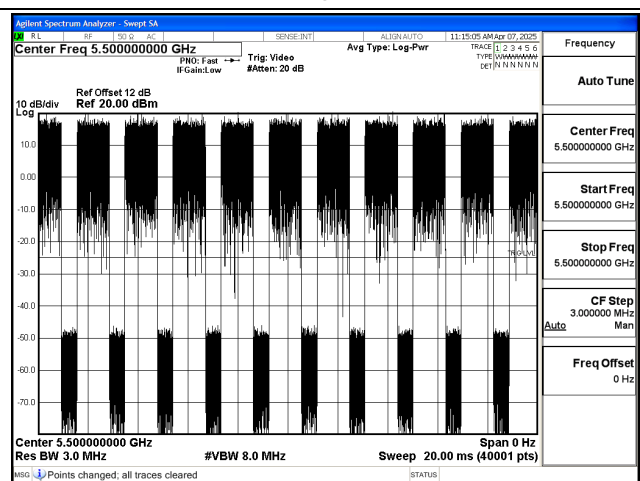


Fig.4

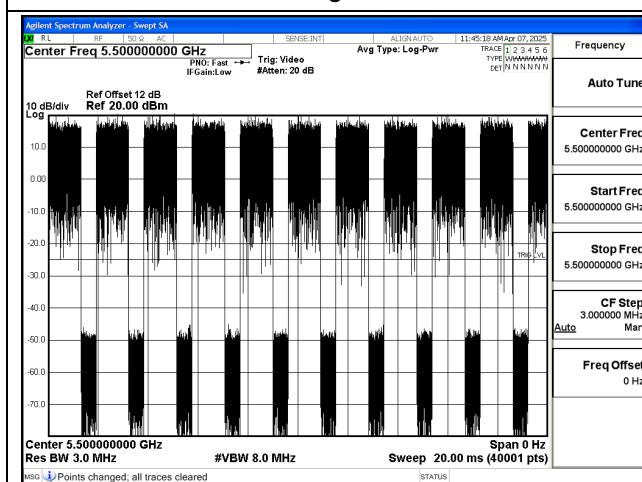


Fig.5

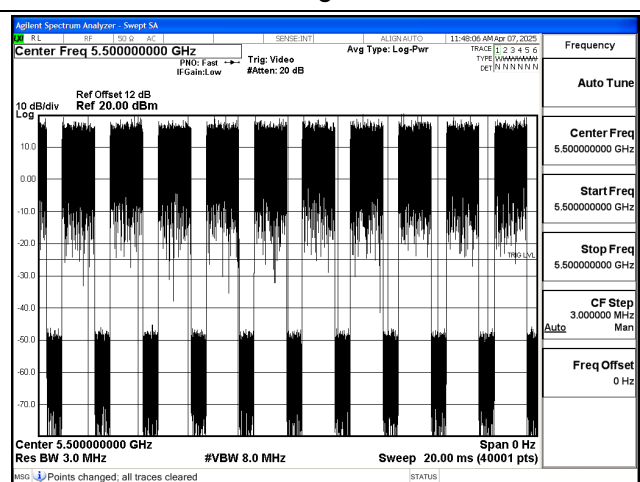


Fig.6

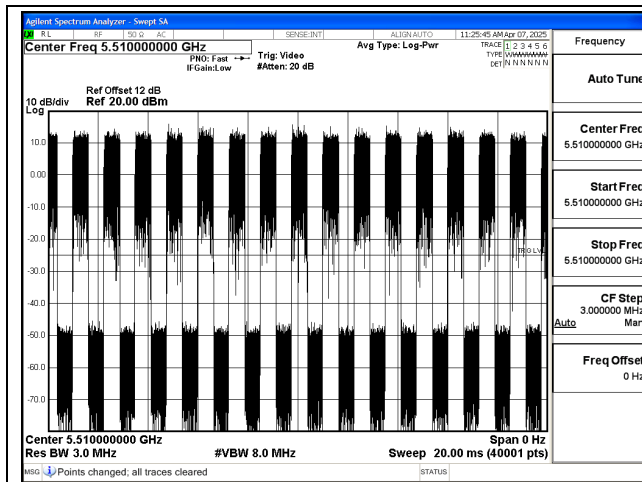


Fig.7

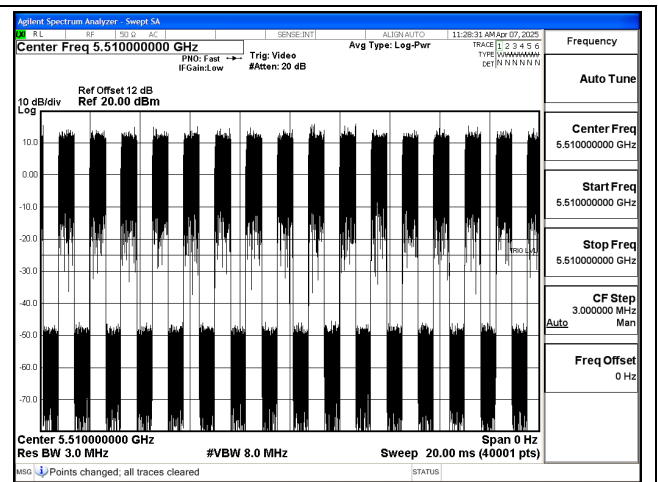


Fig.8

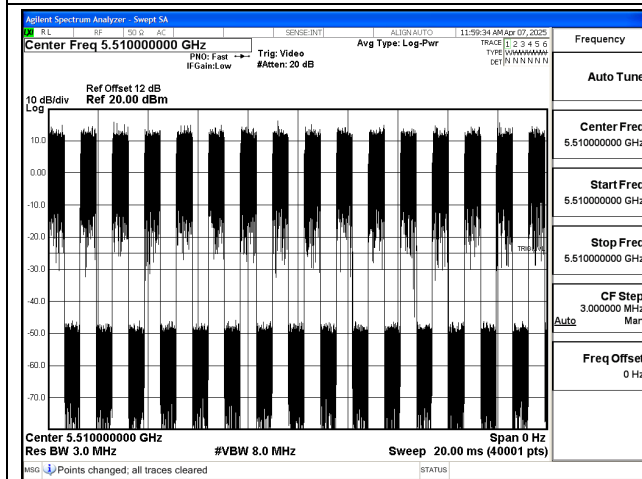


Fig.9

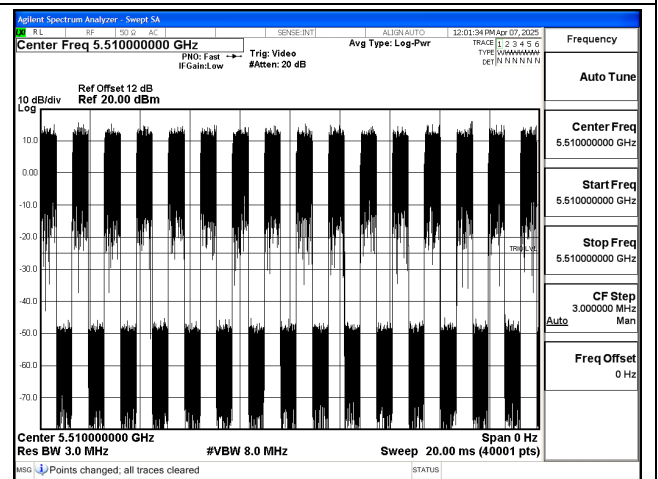


Fig.10

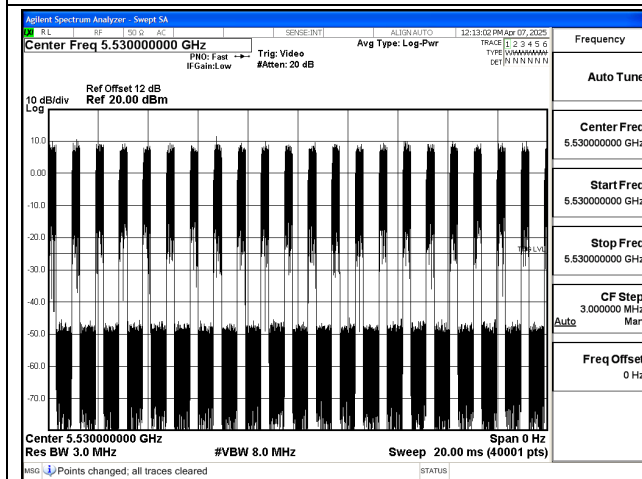


Fig.11

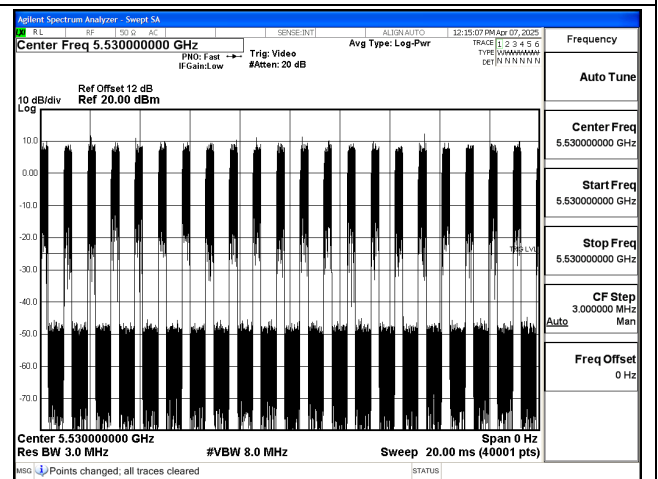


Fig.12

U-NII-3

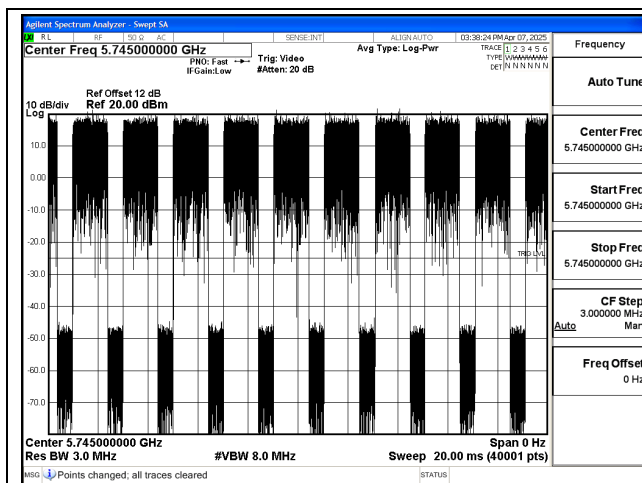


Fig.1

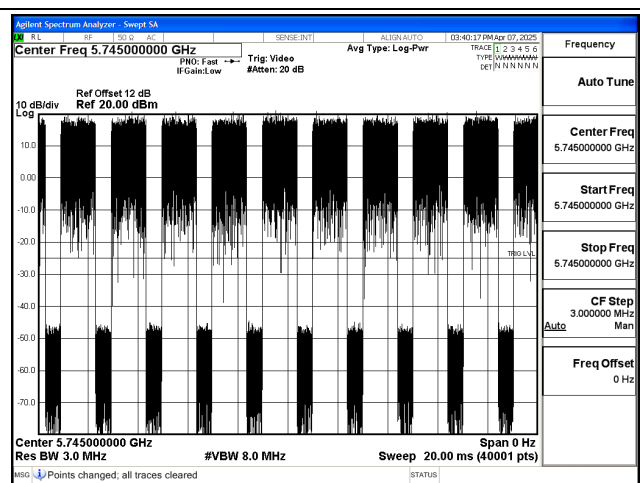


Fig.2

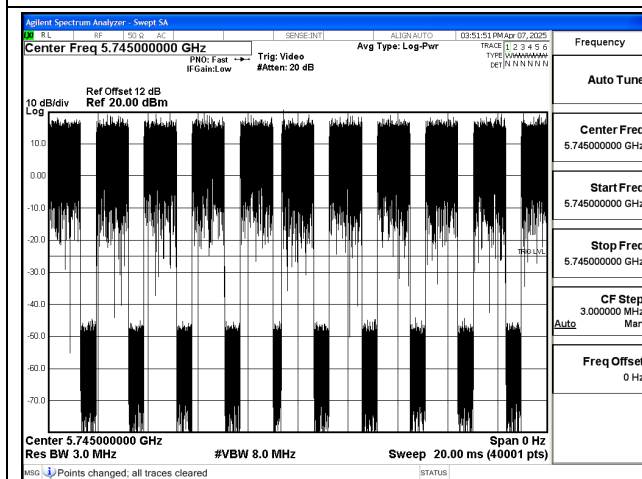


Fig.3

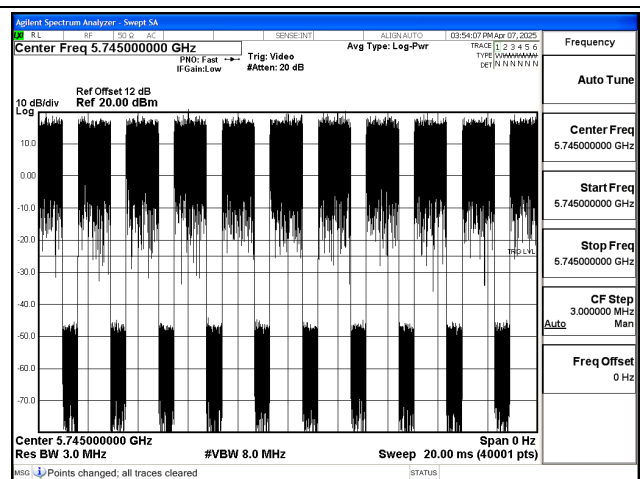


Fig.4

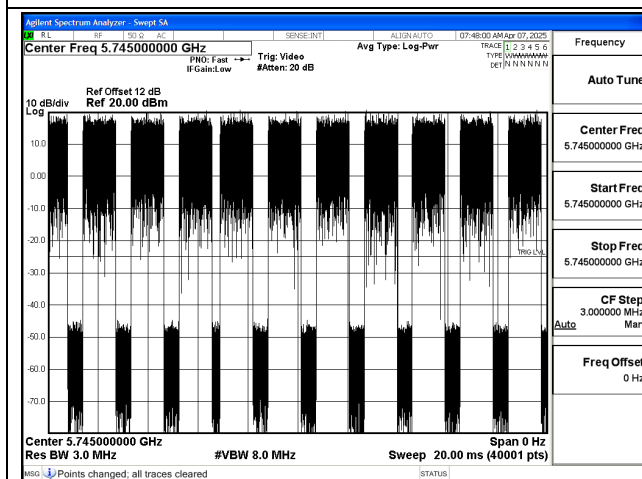


Fig.5

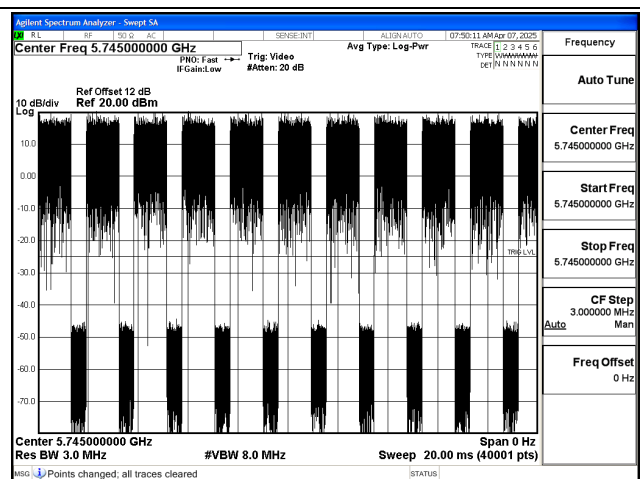


Fig.6

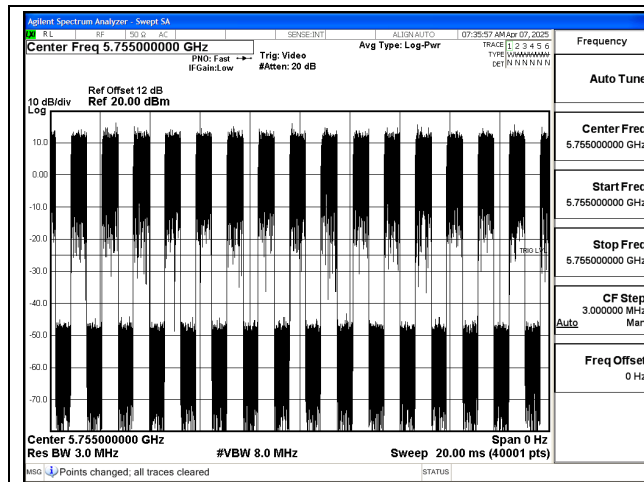


Fig.7

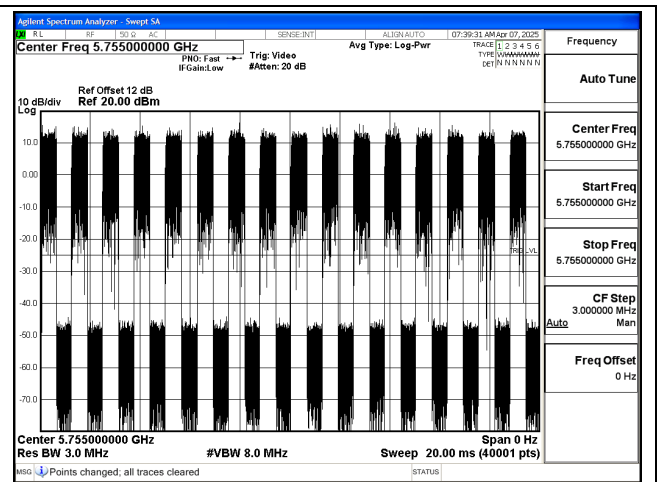


Fig.8

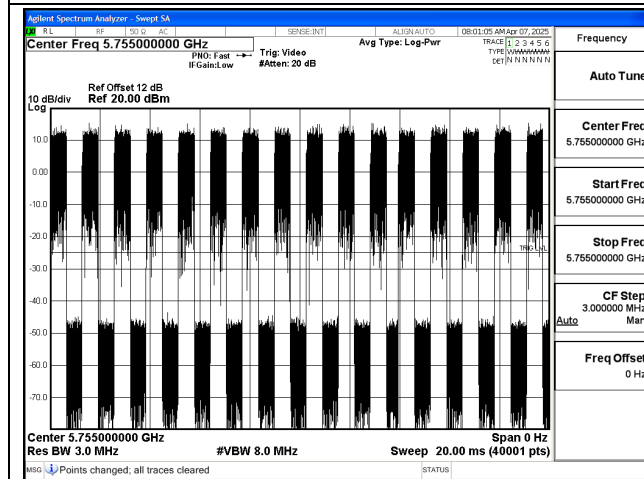


Fig.9

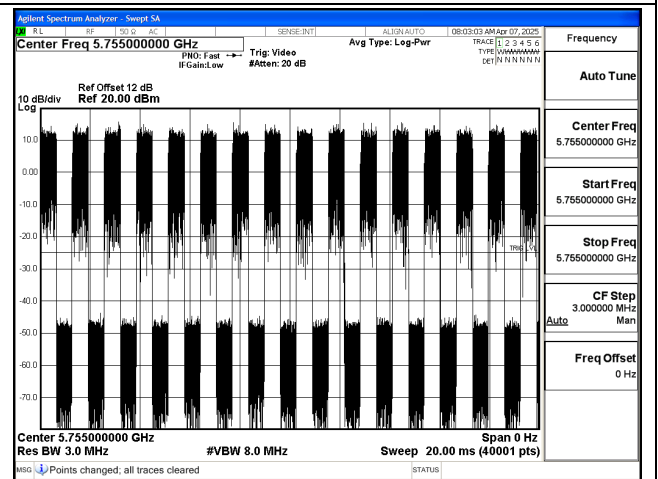


Fig.10

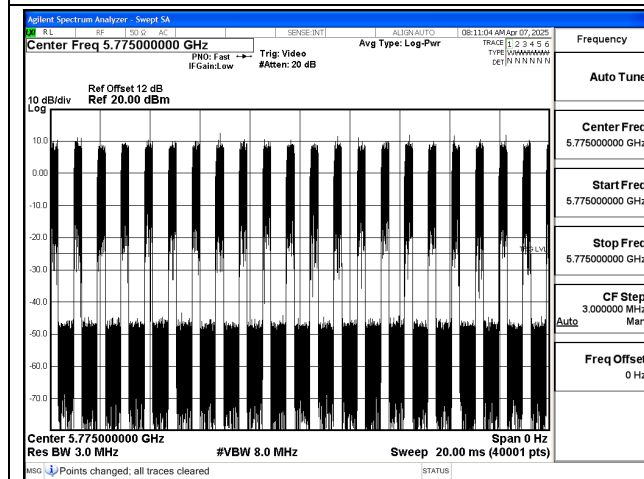


Fig.11

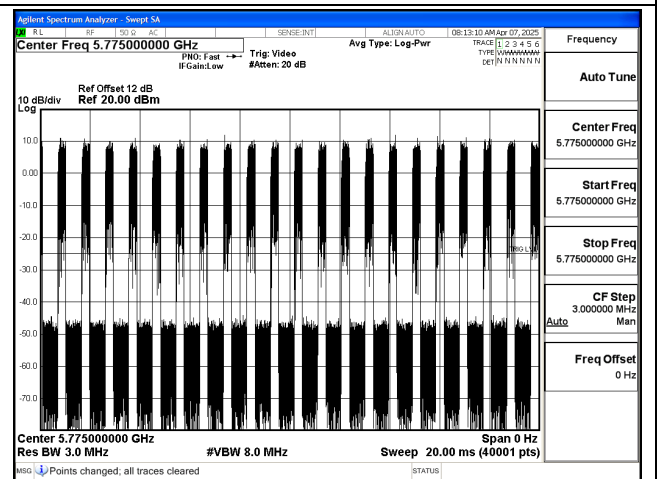


Fig.12

**MAXIMUM CONDUCTED OUTPUT POWER****TEST RESULT**

Note: 1. Conducted Power=Measured Power +Duty Cycle Factor

2. Equivalent Isotropically Radiated Power =Measured Power +Duty Cycle Factor+Gain

3. ANT1 Gain=4.26dBi,ANT2 Gain=4.63dBi; MIMO Gain:=4.45dBi (Uncorrelated).

U-NII-1

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
802.11a	NA	5180	Chain0	15.81	20.07
802.11a	NA	5180	Chain1	15.49	20.12
802.11a	NA	5220	Chain0	15.61	19.87
802.11a	NA	5220	Chain1	15.29	19.92
802.11a	NA	5240	Chain0	15.64	19.90
802.11a	NA	5240	Chain1	15.50	20.13
802.11n HT20	NA	5180	Chain0	14.83	19.09
802.11n HT20	NA	5180	Chain1	14.50	19.13
802.11n HT20	NA	5180	MIMO	17.68	22.13
802.11n HT20	NA	5220	Chain0	14.67	18.93
802.11n HT20	NA	5220	Chain1	14.34	18.97
802.11n HT20	NA	5220	MIMO	17.52	21.97
802.11n HT20	NA	5240	Chain0	14.72	18.98
802.11n HT20	NA	5240	Chain1	14.64	19.27
802.11n HT20	NA	5240	MIMO	17.69	22.14
802.11ac VHT20	NA	5180	Chain0	14.93	19.19
802.11ac VHT20	NA	5180	Chain1	14.51	19.14
802.11ac VHT20	NA	5180	MIMO	17.74	22.19
802.11ac VHT20	NA	5220	Chain0	14.63	18.89
802.11ac VHT20	NA	5220	Chain1	14.34	18.97
802.11ac VHT20	NA	5220	MIMO	17.50	21.95
802.11ac VHT20	NA	5240	Chain0	14.69	18.95
802.11ac VHT20	NA	5240	Chain1	14.51	19.14
802.11ac VHT20	NA	5240	MIMO	17.61	22.06



802.11n HT40	NA	5190	Chain0	14.30	18.56
802.11n HT40	NA	5190	Chain1	14.01	18.64
802.11n HT40	NA	5190	MIMO	17.17	21.62
802.11n HT40	NA	5230	Chain0	14.40	18.66
802.11n HT40	NA	5230	Chain1	14.01	18.64
802.11n HT40	NA	5230	MIMO	17.22	21.67
802.11ac VHT40	NA	5190	Chain0	14.33	18.59
802.11ac VHT40	NA	5190	Chain1	14.04	18.67
802.11ac VHT40	NA	5190	MIMO	17.20	21.65
802.11ac VHT40	NA	5230	Chain0	14.38	18.64
802.11ac VHT40	NA	5230	Chain1	14.17	18.80
802.11ac VHT40	NA	5230	MIMO	17.29	21.74
802.11ac VHT80	NA	5210	Chain0	14.36	18.62
802.11ac VHT80	NA	5210	Chain1	14.12	18.75
802.11ac VHT80	NA	5210	MIMO	17.25	21.70



U-NII-2A

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
802.11a	NA	5260	Chain0	15.73	19.99
802.11a	NA	5260	Chain1	15.37	20.00
802.11a	NA	5280	Chain0	15.97	20.23
802.11a	NA	5280	Chain1	15.74	20.37
802.11a	NA	5320	Chain0	16.21	20.47
802.11a	NA	5320	Chain1	15.88	20.51
802.11n HT20	NA	5260	Chain0	14.75	19.01
802.11n HT20	NA	5260	Chain1	14.21	18.84
802.11n HT20	NA	5260	MIMO	17.50	21.95
802.11n HT20	NA	5280	Chain0	15.04	19.30
802.11n HT20	NA	5280	Chain1	14.60	19.23
802.11n HT20	NA	5280	MIMO	17.84	22.29
802.11n HT20	NA	5320	Chain0	15.28	19.54
802.11n HT20	NA	5320	Chain1	15.19	19.82
802.11n HT20	NA	5320	MIMO	18.25	22.70
802.11ac VHT20	NA	5260	Chain0	15.27	19.53
802.11ac VHT20	NA	5260	Chain1	15.13	19.76
802.11ac VHT20	NA	5260	MIMO	18.21	22.66
802.11ac VHT20	NA	5280	Chain0	15.36	19.62
802.11ac VHT20	NA	5280	Chain1	14.89	19.52
802.11ac VHT20	NA	5280	MIMO	18.14	22.59
802.11ac VHT20	NA	5320	Chain0	12.07	16.33
802.11ac VHT20	NA	5320	Chain1	11.58	16.21
802.11ac VHT20	NA	5320	MIMO	14.84	19.29
802.11n HT40	NA	5270	Chain0	13.95	18.21
802.11n HT40	NA	5270	Chain1	13.39	18.02
802.11n HT40	NA	5270	MIMO	16.69	21.14
802.11n HT40	NA	5310	Chain0	14.31	18.57
802.11n HT40	NA	5310	Chain1	13.19	17.82
802.11n HT40	NA	5310	MIMO	16.80	21.25



802.11ac VHT40	NA	5270	Chain0	14.52	18.78
802.11ac VHT40	NA	5270	Chain1	14.16	18.79
802.11ac VHT40	NA	5270	MIMO	17.35	21.80
802.11ac VHT40	NA	5310	Chain0	14.73	18.99
802.11ac VHT40	NA	5310	Chain1	14.31	18.94
802.11ac VHT40	NA	5310	MIMO	17.54	21.99
802.11ac VHT80	NA	5290	Chain0	14.06	18.32
802.11ac VHT80	NA	5290	Chain1	13.89	18.52
802.11ac VHT80	NA	5290	MIMO	16.99	21.44

U-NII-2C

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5500	Chain0	16.70	20.96
802.11a	NA	5500	Chain1	16.36	20.99
802.11a	NA	5580	Chain0	16.40	20.66
802.11a	NA	5580	Chain1	15.97	20.60
802.11a	NA	5700	Chain0	16.08	20.34
802.11a	NA	5700	Chain1	15.68	20.31
802.11n HT20	NA	5500	Chain0	14.96	19.22
802.11n HT20	NA	5500	Chain1	14.65	19.28
802.11n HT20	NA	5500	MIMO	17.82	22.27
802.11n HT20	NA	5580	Chain0	15.22	19.48
802.11n HT20	NA	5580	Chain1	14.88	19.51
802.11n HT20	NA	5580	MIMO	18.06	22.51
802.11n HT20	NA	5700	Chain0	14.96	19.22
802.11n HT20	NA	5700	Chain1	14.61	19.24
802.11n HT20	NA	5700	MIMO	17.80	22.25
802.11ac VHT20	NA	5500	Chain0	15.52	19.78
802.11ac VHT20	NA	5500	Chain1	15.23	19.86
802.11ac VHT20	NA	5500	MIMO	18.39	22.84
802.11ac VHT20	NA	5580	Chain0	15.24	19.50
802.11ac VHT20	NA	5580	Chain1	14.95	19.58



802.11ac VHT20	NA	5580	MIMO	18.11	22.56
802.11ac VHT20	NA	5700	Chain0	14.96	19.22
802.11ac VHT20	NA	5700	Chain1	14.64	19.27
802.11ac VHT20	NA	5700	MIMO	17.81	22.26
802.11n HT40	NA	5510	Chain0	13.98	18.24
802.11n HT40	NA	5510	Chain1	13.61	18.24
802.11n HT40	NA	5510	MIMO	16.81	21.26
802.11n HT40	NA	5590	Chain0	14.30	18.56
802.11n HT40	NA	5590	Chain1	13.99	18.62
802.11n HT40	NA	5590	MIMO	17.16	21.61
802.11n HT40	NA	5670	Chain0	13.96	18.22
802.11n HT40	NA	5670	Chain1	13.66	18.29
802.11n HT40	NA	5670	MIMO	16.82	21.27
802.11ac VHT40	NA	5510	Chain0	13.98	18.24
802.11ac VHT40	NA	5510	Chain1	13.70	18.33
802.11ac VHT40	NA	5510	MIMO	16.85	21.30
802.11ac VHT40	NA	5590	Chain0	14.22	18.48
802.11ac VHT40	NA	5590	Chain1	13.91	18.54
802.11ac VHT40	NA	5590	MIMO	17.08	21.53
802.11ac VHT40	NA	5670	Chain0	14.35	18.61
802.11ac VHT40	NA	5670	Chain1	14.03	18.66
802.11ac VHT40	NA	5670	MIMO	17.20	21.65
802.11ac VHT80	NA	5530	Chain0	14.43	18.69
802.11ac VHT80	NA	5530	Chain1	14.12	18.75
802.11ac VHT80	NA	5530	MIMO	17.29	21.74
802.11ac VHT80	NA	5610	Chain0	14.10	18.36
802.11ac VHT80	NA	5610	Chain1	13.88	18.51
802.11ac VHT80	NA	5610	MIMO	17.00	21.45



U-NII-3

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5745	Chain0	15.91	20.17
802.11a	NA	5745	Chain1	15.59	20.22
802.11a	NA	5785	Chain0	16.29	20.55
802.11a	NA	5785	Chain1	15.89	20.52
802.11a	NA	5825	Chain0	16.06	20.32
802.11a	NA	5825	Chain1	15.75	20.38
802.11n HT20	NA	5745	Chain0	15.29	19.55
802.11n HT20	NA	5745	Chain1	14.90	19.53
802.11n HT20	NA	5745	MIMO	18.11	22.56
802.11n HT20	NA	5785	Chain0	14.83	19.09
802.11n HT20	NA	5785	Chain1	14.41	19.04
802.11n HT20	NA	5785	MIMO	17.64	22.09
802.11n HT20	NA	5825	Chain0	14.73	18.99
802.11n HT20	NA	5825	Chain1	14.42	19.05
802.11n HT20	NA	5825	MIMO	17.59	22.04
802.11ac VHT20	NA	5745	Chain0	14.91	19.17
802.11ac VHT20	NA	5745	Chain1	14.54	19.17
802.11ac VHT20	NA	5745	MIMO	17.74	22.19
802.11ac VHT20	NA	5785	Chain0	15.01	19.27
802.11ac VHT20	NA	5785	Chain1	14.78	19.41
802.11ac VHT20	NA	5785	MIMO	17.91	22.36
802.11ac VHT20	NA	5825	Chain0	15.21	19.47
802.11ac VHT20	NA	5825	Chain1	15.00	19.63
802.11ac VHT20	NA	5825	MIMO	18.12	22.57
802.11n HT40	NA	5755	Chain0	14.63	18.89
802.11n HT40	NA	5755	Chain1	14.22	18.85
802.11n HT40	NA	5755	MIMO	17.44	21.89
802.11n HT40	NA	5795	Chain0	14.09	18.35
802.11n HT40	NA	5795	Chain1	13.74	18.37



802.11n HT40	NA	5795	MIMO	16.93	21.38
802.11ac VHT40	NA	5755	Chain0	14.61	18.87
802.11ac VHT40	NA	5755	Chain1	14.30	18.93
802.11ac VHT40	NA	5755	MIMO	17.47	21.92
802.11ac VHT40	NA	5795	Chain0	13.91	18.17
802.11ac VHT40	NA	5795	Chain1	13.60	18.23
802.11ac VHT40	NA	5795	MIMO	16.77	21.22
802.11ac VHT80	NA	5775	Chain0	13.89	18.15
802.11ac VHT80	NA	5775	Chain1	13.60	18.23
802.11ac VHT80	NA	5775	MIMO	16.76	21.21

**MAXIMUM POWER SPECTRAL DENSITY****TEST RESULT****U-NII-1**

Test Mode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.67	5.226	0.67	5.037	0.67	5.277
802.11a	Chain1	NA	0.67	5.210	0.67	5.103	0.67	5.329
802.11n HT20	Chain0	NA	0.71	4.063	0.71	3.926	0.71	4.359
802.11n HT20	Chain1	NA	0.66	4.003	0.66	3.943	0.66	4.282
802.11n HT20	MIMO	NA	0.71	7.068	0.71	6.970	0.71	7.356
802.11ac VHT20	Chain0	NA	0.65	4.136	0.65	3.836	0.65	4.101
802.11ac VHT20	Chain1	NA	0.65	4.041	0.65	3.827	0.65	4.092
802.11ac VHT20	MIMO	NA	0.65	7.099	0.65	6.842	0.65	7.107

Test Mode	Antenna	Tones	5190MHz		---		5230MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	1.08	1.168	---	---	1.08	1.159
802.11n HT40	Chain1	NA	1.09	1.094	---	---	1.09	1.134
802.11n HT40	MIMO	NA	1.09	4.147	---	---	1.09	4.162
802.11ac VHT40	Chain0	NA	1.14	1.116	---	---	1.14	1.283
802.11ac VHT40	Chain1	NA	1.07	1.071	---	---	1.07	1.238
802.11ac VHT40	MIMO	NA	1.14	4.139	---	---	1.14	4.306

Test Mode	Antenna	Tones	5210MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	1.54	-1.333	---	---	---	---
802.11ac VHT80	Chain1	NA	1.53	-1.179	---	---	---	---
802.11ac VHT80	MIMO	NA	1.54	1.760	---	---	---	---



U-NII-2A

Test Mode	Antenna	Tones	5260MHz		5280MHz		5320MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.65	5.008	0.65	5.385	0.65	5.620
802.11a	Chain1	NA	0.65	4.996	0.65	5.407	0.65	5.652
802.11n HT20	Chain0	NA	0.65	3.849	0.65	4.000	0.65	4.584
802.11n HT20	Chain1	NA	0.72	4.162	0.72	4.157	0.72	4.853
802.11n HT20	MIMO	NA	0.66	6.992	0.66	7.064	0.66	7.705
802.11ac VHT20	Chain0	NA	0.72	4.959	0.72	4.617	0.72	1.408
802.11ac VHT20	Chain1	NA	0.65	4.808	0.65	4.523	0.65	1.079
802.11ac VHT20	MIMO	NA	0.73	7.939	0.73	7.625	0.73	4.301

Test Mode	Antenna	Tones	5270MHz		---		5310MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	1.09	0.322	---	---	1.09	1.259
802.11n HT40	Chain1	NA	1.08	0.774	---	---	1.08	0.489
802.11n HT40	MIMO	NA	1.09	3.569	---	---	1.09	3.906
802.11ac VHT40	Chain0	NA	1.06	1.190	---	---	1.06	1.407
802.11ac VHT40	Chain1	NA	1.07	1.257	---	---	1.07	1.227
802.11ac VHT40	MIMO	NA	1.07	4.239	---	---	1.07	4.333

Test Mode	Antenna	Tones	5290MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	1.53	-1.434	---	---	---	---
802.11ac VHT80	Chain1	NA	1.51	-1.479	---	---	---	---
802.11ac VHT80	MIMO	NA	1.53	1.564	---	---	---	---



U-NII-2C

Test Mode	Antenna	Tones	5500MHz		5580MHz		5700MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.67	6.210	0.67	5.731	0.67	5.360
802.11a	Chain1	NA	0.67	6.064	0.67	5.689	0.67	5.376
802.11n HT20	Chain0	NA	0.68	4.248	0.68	4.412	0.68	4.161
802.11n HT20	Chain1	NA	0.69	4.138	0.69	4.494	0.69	4.176
802.11n HT20	MIMO	NA	0.69	7.209	0.69	7.468	0.69	7.184
802.11ac VHT20	Chain0	NA	0.68	4.726	0.68	4.453	0.68	4.171
802.11ac VHT20	Chain1	NA	0.73	4.841	0.73	4.513	0.73	4.169
802.11ac VHT20	MIMO	NA	0.73	7.819	0.73	7.518	0.73	7.205

Test Mode	Antenna	Tones	5510MHz		5590MHz		5670MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	1.12	-0.319	1.12	-0.492	1.12	-0.765
802.11n HT40	Chain1	NA	1.12	-0.289	1.12	-0.483	1.12	-0.763
802.11n HT40	MIMO	NA	1.12	2.706	1.12	2.523	1.12	2.246
802.11ac VHT40	Chain0	NA	1.10	-0.342	1.10	-0.023	1.10	0.049
802.11ac VHT40	Chain1	NA	1.11	-0.367	1.11	-0.045	1.11	0.001
802.11ac VHT40	MIMO	NA	1.11	2.656	1.11	2.976	1.11	3.035

Test Mode	Antenna	Tones	5530MHz		---		5610MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	1.58	-1.253	---	---	1.58	-1.217
802.11ac VHT80	Chain1	NA	1.58	-1.228	---	---	1.58	-1.418
802.11ac VHT80	MIMO	NA	1.58	1.770	---	---	1.58	1.694



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Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode	Antenna	Tones	5745MHz		5785MHz		5825MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.65	4.048	0.65	4.666	0.65	4.238
802.11a	Chain1	NA	0.65	4.484	0.65	4.226	0.65	4.159
802.11n HT20	Chain0	NA	0.62	2.736	0.62	3.033	0.62	2.686
802.11n HT20	Chain1	NA	0.65	2.898	0.65	2.847	0.65	2.750
802.11n HT20	MIMO	NA	0.65	5.828	0.65	5.951	0.65	5.728
802.11ac VHT20	Chain0	NA	0.63	3.063	0.63	3.269	0.63	3.088
802.11ac VHT20	Chain1	NA	0.64	3.209	0.64	3.254	0.64	3.146
802.11ac VHT20	MIMO	NA	0.64	6.147	0.64	6.272	0.64	6.127

Test Mode	Antenna	Tones	5755MHz		---		5795MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	1.06	-1.600	---	---	1.06	-1.352
802.11n HT40	Chain1	NA	1.06	-1.605	---	---	1.06	-1.296
802.11n HT40	MIMO	NA	1.06	1.408	---	---	1.06	1.686
802.11ac VHT40	Chain0	NA	1.04	-1.244	---	---	1.04	-1.530
802.11ac VHT40	Chain1	NA	1.05	-1.476	---	---	1.05	-1.463
802.11ac VHT40	MIMO	NA	1.05	1.652	---	---	1.05	1.514

Test Mode	Antenna	Tones	5775MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	1.50	-6.149	---	---	---	---
802.11ac VHT80	Chain1	NA	1.51	-5.234	---	---	---	---
802.11ac VHT80	MIMO	NA	1.51	-2.657	---	---	---	---



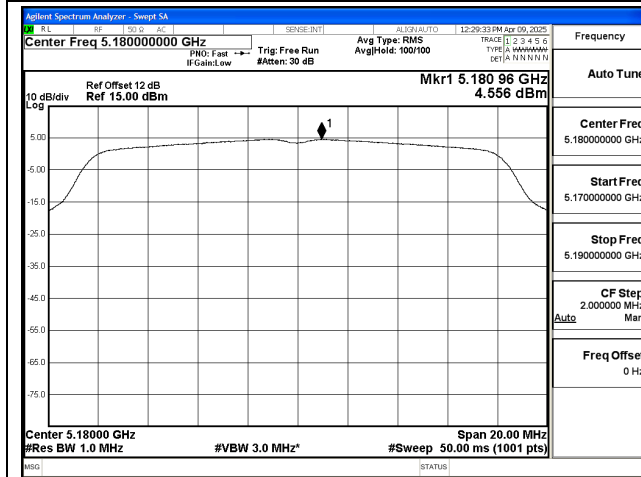
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VERITAS

Test Report No.: PSU-NQN2504020214RF02

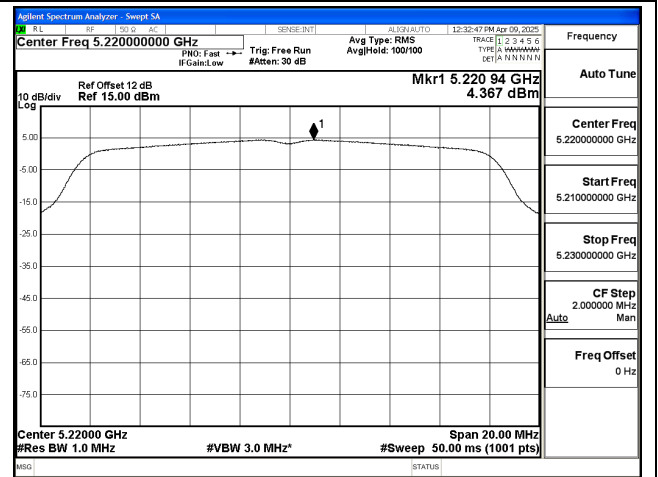
Test Graphs

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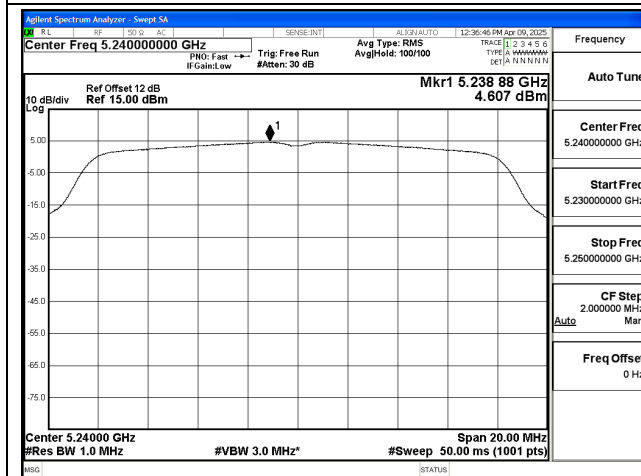
Test Mode: 802.11a



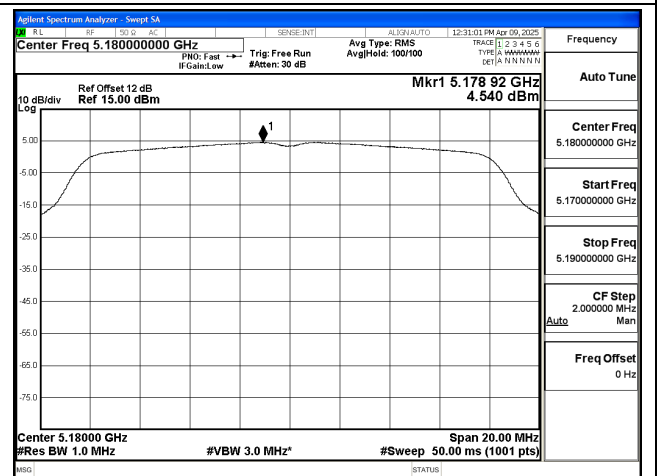
Mode:802.11a Frequency:5180MHz Ant:Chain0



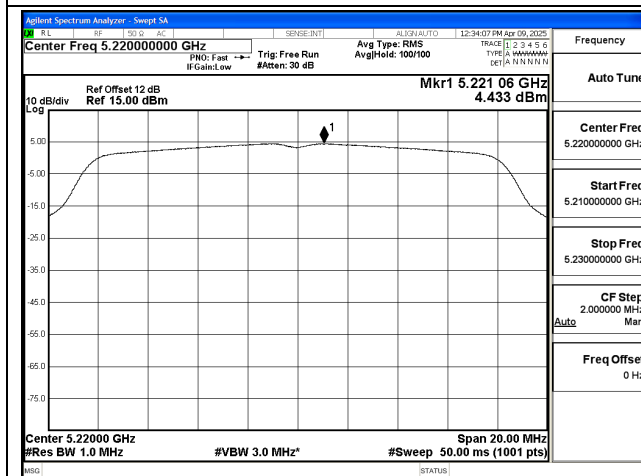
Mode:802.11a Frequency:5220MHz Ant:Chain0



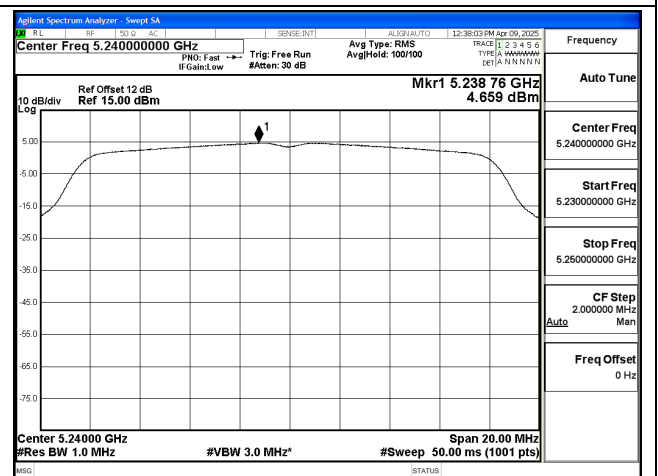
Mode:802.11a Frequency:5240MHz Ant:Chain0



Mode:802.11a Frequency:5180MHz Ant:Chain1



Mode:802.11a Frequency:5220MHz Ant:Chain1



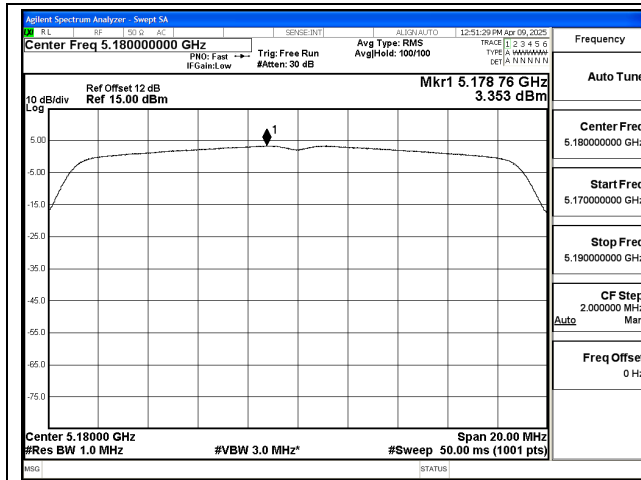
Mode:802.11a Frequency:5240MHz Ant:Chain1



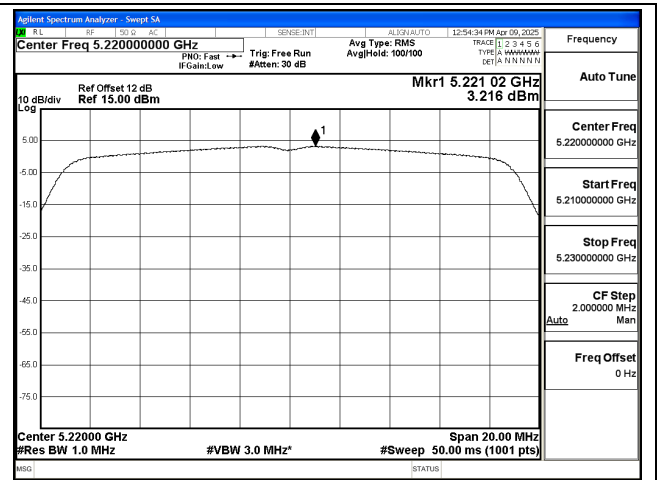
BUREAU
VERITAS

Test Report No.: PSU-NQN2504020214RF02

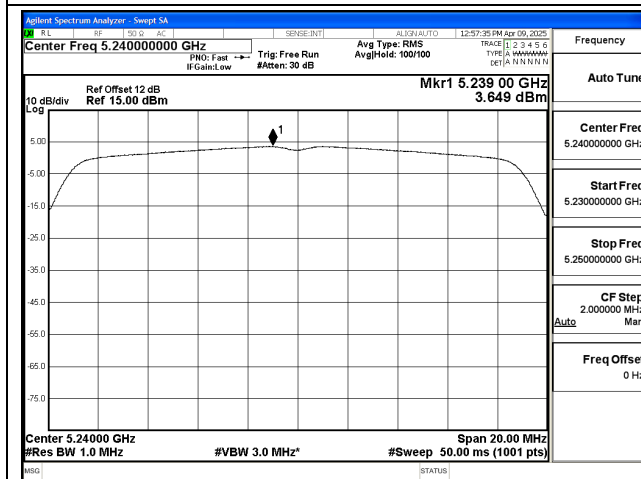
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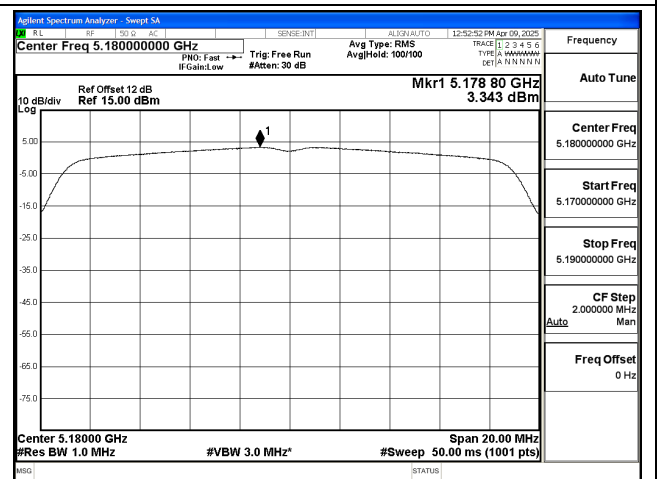
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0



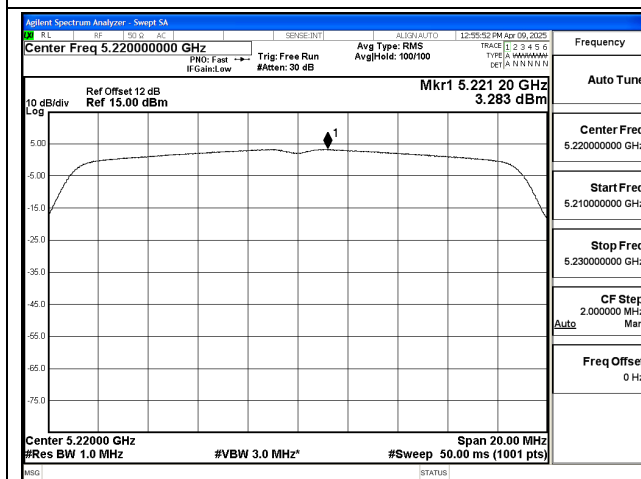
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



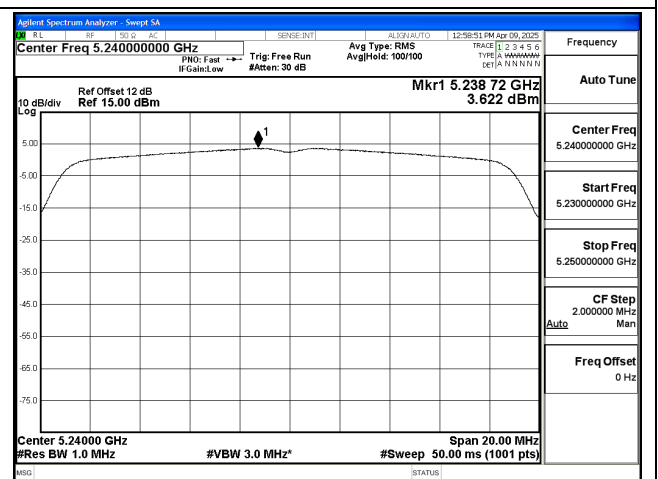
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1