

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

RTL8852BE

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5745	98.65%	0	Fig.1
802.11a	5745	98.66%	0	Fig.2
802.11n HT20	5745	98.53%	0	Fig.3
802.11n HT20	5745	98.45%	0	Fig.4
802.11ac VHT20	5745	98.66%	0	Fig.5
802.11ac VHT20	5745	98.55%	0	Fig.6
802.11ax HE20	5745	98.53%	0	Fig.7
802.11ax HE20	5745	98.43%	0	Fig.8
802.11n HT40	5755	98.26%	0	Fig.9
802.11n HT40	5755	98.25%	0	Fig.10
802.11ac VHT40	5755	98.30%	0	Fig.11
802.11ac VHT40	5755	98.25%	0	Fig.12
802.11ax HE40	5755	98.27%	0	Fig.13
802.11ax HE40	5755	98.22%	0	Fig.14
802.11ac VHT80	5775	98.10%	0	Fig.15
802.11ac VHT80	5775	98.14%	0	Fig.16
802.11ax HE80	5775	98.07%	0	Fig.17
802.11ax HE80	5775	98.11%	0	Fig.18

Note: Correction Factor=10*log (1/Duty Cycle)

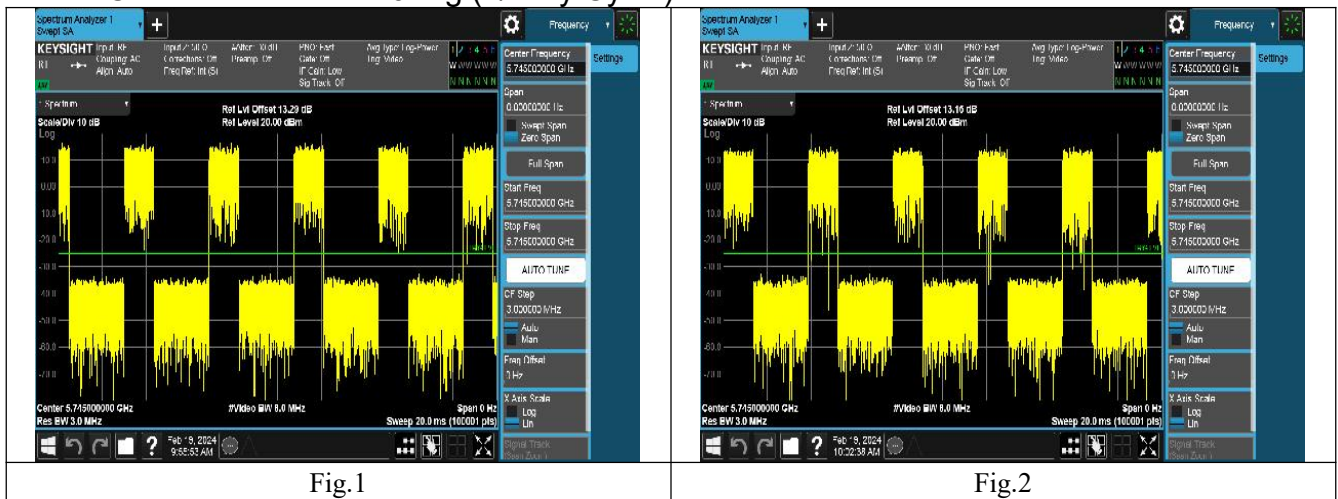




Fig.3



Fig.4



Fig.5



Fig.6



Fig.7



Fig.8



Fig.9



Fig.10

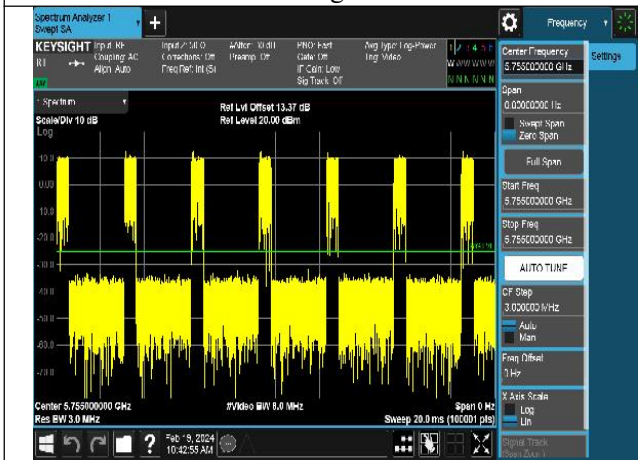


Fig.11



Fig.12



Fig.13

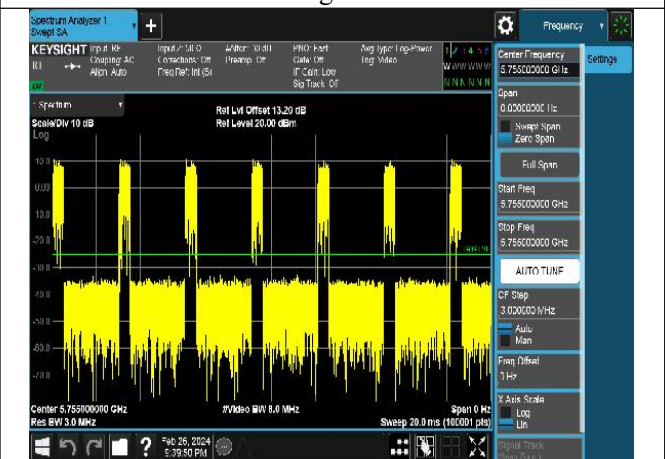


Fig.14



Fig.15



Fig.16



Fig.17



Fig.18

Output Power

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5745	Chain0	9.82	11.44
802.11a	NA	5745	Chain1	9.04	9.84
802.11a	NA	5785	Chain0	10.03	11.65
802.11a	NA	5785	Chain1	10.26	11.06
802.11a	NA	5825	Chain0	11.90	13.52
802.11a	NA	5825	Chain1	11.12	11.92
802.11n HT20	NA	5745	Chain0	9.29	10.91
802.11n HT20	NA	5745	Chain1	8.40	9.20
802.11n HT20	NA	5745	MIMO	11.88	13.11
802.11n HT20	NA	5785	Chain0	9.48	11.10
802.11n HT20	NA	5785	Chain1	9.70	10.50
802.11n HT20	NA	5785	MIMO	12.60	13.83
802.11n HT20	NA	5825	Chain0	11.55	13.17
802.11n HT20	NA	5825	Chain1	10.89	11.69
802.11n HT20	NA	5825	MIMO	14.24	15.47
802.11ac VHT20	NA	5745	Chain0	9.71	11.33
802.11ac VHT20	NA	5745	Chain1	8.29	9.09
802.11ac VHT20	NA	5745	MIMO	12.07	13.30
802.11ac VHT20	NA	5785	Chain0	9.44	11.06
802.11ac VHT20	NA	5785	Chain1	9.28	10.08
802.11ac VHT20	NA	5785	MIMO	12.37	13.60
802.11ac VHT20	NA	5825	Chain0	11.39	13.01
802.11ac VHT20	NA	5825	Chain1	10.87	11.67
802.11ac VHT20	NA	5825	MIMO	14.15	15.38
802.11n HT40	NA	5755	Chain0	7.93	9.55
802.11n HT40	NA	5755	Chain1	6.18	6.98
802.11n HT40	NA	5755	MIMO	10.15	11.38
802.11n HT40	NA	5795	Chain0	8.41	10.03
802.11n HT40	NA	5795	Chain1	7.51	8.31
802.11n HT40	NA	5795	MIMO	10.99	12.22
802.11ac VHT40	NA	5755	Chain0	8.11	9.73
802.11ac VHT40	NA	5755	Chain1	5.71	6.51
802.11ac VHT40	NA	5755	MIMO	10.08	11.31
802.11ac VHT40	NA	5795	Chain0	8.34	9.96
802.11ac VHT40	NA	5795	Chain1	7.53	8.33
802.11ac VHT40	NA	5795	MIMO	10.96	12.19
802.11ac VHT80	NA	5775	Chain0	4.09	5.71
802.11ac VHT80	NA	5775	Chain1	4.36	5.16
802.11ac VHT80	NA	5775	MIMO	7.24	8.47

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average	EIRP (dBm)
------	--------------------	--------------------	---------	----------------------	---------------

				power output(dBm)	
802.11ax HE20	26T 0	5745	Chain0	6.82	8.44
802.11ax HE20	26T 0	5745	Chain1	5.38	6.18
802.11ax HE20	26T 0	5745	MIMO	9.17	10.40
802.11ax HE20	26T 0	5785	Chain0	7.32	8.94
802.11ax HE20	26T 0	5785	Chain1	6.63	7.43
802.11ax HE20	26T 0	5785	MIMO	10.00	11.23
802.11ax HE20	26T 0	5825	Chain0	8.42	10.04
802.11ax HE20	26T 0	5825	Chain1	7.95	8.75
802.11ax HE20	26T 0	5825	MIMO	11.20	12.43
802.11ax HE20	26T 4	5745	Chain0	6.01	7.63
802.11ax HE20	26T 4	5745	Chain1	4.81	5.61
802.11ax HE20	26T 4	5745	MIMO	8.46	9.69
802.11ax HE20	26T 4	5785	Chain0	7.29	8.91
802.11ax HE20	26T 4	5785	Chain1	6.29	7.09
802.11ax HE20	26T 4	5785	MIMO	9.83	11.06
802.11ax HE20	26T 4	5825	Chain0	9.10	10.72
802.11ax HE20	26T 4	5825	Chain1	6.93	7.73
802.11ax HE20	26T 4	5825	MIMO	11.16	12.39
802.11ax HE20	26T 8	5745	Chain0	6.91	8.53
802.11ax HE20	26T 8	5745	Chain1	5.21	6.01
802.11ax HE20	26T 8	5745	MIMO	9.15	10.38
802.11ax HE20	26T 8	5785	Chain0	7.55	9.17
802.11ax HE20	26T 8	5785	Chain1	6.80	7.60
802.11ax HE20	26T 8	5785	MIMO	10.20	11.43
802.11ax HE20	26T 8	5825	Chain0	7.87	9.49
802.11ax HE20	26T 8	5825	Chain1	7.14	7.94
802.11ax HE20	26T 8	5825	MIMO	10.53	11.76
802.11ax HE20	52T 37	5745	Chain0	6.61	8.23
802.11ax HE20	52T 37	5745	Chain1	5.48	6.28
802.11ax HE20	52T 37	5745	MIMO	9.09	10.32
802.11ax HE20	52T 37	5785	Chain0	7.37	8.99
802.11ax HE20	52T 37	5785	Chain1	6.31	7.11
802.11ax HE20	52T 37	5785	MIMO	9.88	11.11
802.11ax HE20	52T 37	5825	Chain0	9.03	10.65
802.11ax HE20	52T 37	5825	Chain1	7.72	8.52
802.11ax HE20	52T 37	5825	MIMO	11.43	12.66
802.11ax HE20	52T 39	5745	Chain0	7.24	8.86
802.11ax HE20	52T 39	5745	Chain1	3.72	4.52
802.11ax HE20	52T 39	5745	MIMO	8.84	10.07
802.11ax HE20	52T 39	5785	Chain0	7.43	9.05
802.11ax HE20	52T 39	5785	Chain1	6.75	7.55
802.11ax HE20	52T 39	5785	MIMO	10.11	11.34
802.11ax HE20	52T 39	5825	Chain0	9.49	11.11
802.11ax HE20	52T 39	5825	Chain1	7.62	8.42

802.11ax HE20	52T 39	5825	MIMO	11.67	12.90
802.11ax HE20	52T 40	5745	Chain0	6.64	8.26
802.11ax HE20	52T 40	5745	Chain1	5.45	6.25
802.11ax HE20	52T 40	5745	MIMO	9.10	10.33
802.11ax HE20	52T 40	5785	Chain0	7.94	9.56
802.11ax HE20	52T 40	5785	Chain1	5.91	6.71
802.11ax HE20	52T 40	5785	MIMO	10.05	11.28
802.11ax HE20	52T 40	5825	Chain0	9.07	10.69
802.11ax HE20	52T 40	5825	Chain1	7.28	8.08
802.11ax HE20	52T 40	5825	MIMO	11.28	12.51
802.11ax HE20	106T 53	5745	Chain0	6.71	8.33
802.11ax HE20	106T 53	5745	Chain1	4.88	5.68
802.11ax HE20	106T 53	5745	MIMO	8.90	10.13
802.11ax HE20	106T 53	5785	Chain0	7.09	8.71
802.11ax HE20	106T 53	5785	Chain1	5.90	6.70
802.11ax HE20	106T 53	5785	MIMO	9.55	10.78
802.11ax HE20	106T 53	5825	Chain0	8.37	9.99
802.11ax HE20	106T 53	5825	Chain1	7.99	8.79
802.11ax HE20	106T 53	5825	MIMO	11.19	12.42
802.11ax HE20	106T 54	5745	Chain0	7.73	9.35
802.11ax HE20	106T 54	5745	Chain1	4.71	5.51
802.11ax HE20	106T 54	5745	MIMO	9.49	10.72
802.11ax HE20	106T 54	5785	Chain0	7.33	8.95
802.11ax HE20	106T 54	5785	Chain1	6.44	7.24
802.11ax HE20	106T 54	5785	MIMO	9.92	11.15
802.11ax HE20	106T 54	5825	Chain0	8.76	10.38
802.11ax HE20	106T 54	5825	Chain1	8.74	9.54
802.11ax HE20	106T 54	5825	MIMO	11.76	12.99
802.11ax HE20	242T 61	5745	Chain0	7.01	8.63
802.11ax HE20	242T 61	5745	Chain1	5.68	6.48
802.11ax HE20	242T 61	5745	MIMO	9.41	10.64
802.11ax HE20	242T 61	5785	Chain0	7.68	9.30
802.11ax HE20	242T 61	5785	Chain1	6.97	7.77
802.11ax HE20	242T 61	5785	MIMO	10.35	11.58
802.11ax HE20	242T 61	5825	Chain0	8.16	9.78
802.11ax HE20	242T 61	5825	Chain1	7.81	8.61
802.11ax HE20	242T 61	5825	MIMO	11.00	12.23
802.11ax HE40	26T 0	5755	Chain0	8.02	9.64
802.11ax HE40	26T 0	5755	Chain1	4.19	4.99
802.11ax HE40	26T 0	5755	MIMO	9.52	10.75
802.11ax HE40	26T 0	5795	Chain0	6.35	7.97
802.11ax HE40	26T 0	5795	Chain1	5.69	6.49
802.11ax HE40	26T 0	5795	MIMO	9.04	10.27
802.11ax HE40	26T 10	5755	Chain0	4.87	6.49
802.11ax HE40	26T 10	5755	Chain1	2.60	3.40
802.11ax HE40	26T 10	5755	MIMO	6.89	8.12

802.11ax HE40	26T 10	5795	Chain0	8.24	9.86
802.11ax HE40	26T 10	5795	Chain1	5.38	6.18
802.11ax HE40	26T 10	5795	MIMO	10.05	11.28
802.11ax HE40	26T 17	5755	Chain0	6.48	8.10
802.11ax HE40	26T 17	5755	Chain1	7.15	7.95
802.11ax HE40	26T 17	5755	MIMO	9.84	11.07
802.11ax HE40	26T 17	5795	Chain0	7.06	8.68
802.11ax HE40	26T 17	5795	Chain1	3.13	3.93
802.11ax HE40	26T 17	5795	MIMO	8.54	9.77
802.11ax HE40	52T 37	5755	Chain0	7.70	9.32
802.11ax HE40	52T 37	5755	Chain1	3.73	4.53
802.11ax HE40	52T 37	5755	MIMO	9.16	10.39
802.11ax HE40	52T 37	5795	Chain0	6.83	8.45
802.11ax HE40	52T 37	5795	Chain1	6.76	7.56
802.11ax HE40	52T 37	5795	MIMO	9.81	11.04
802.11ax HE40	52T 41	5755	Chain0	7.05	8.67
802.11ax HE40	52T 41	5755	Chain1	6.08	6.88
802.11ax HE40	52T 41	5755	MIMO	9.60	10.83
802.11ax HE40	52T 41	5795	Chain0	9.49	11.11
802.11ax HE40	52T 41	5795	Chain1	6.09	6.89
802.11ax HE40	52T 41	5795	MIMO	11.12	12.35
802.11ax HE40	52T 44	5755	Chain0	8.34	9.96
802.11ax HE40	52T 44	5755	Chain1	6.26	7.06
802.11ax HE40	52T 44	5755	MIMO	10.43	11.66
802.11ax HE40	52T 44	5795	Chain0	7.75	9.37
802.11ax HE40	52T 44	5795	Chain1	3.32	4.12
802.11ax HE40	52T 44	5795	MIMO	9.09	10.32
802.11ax HE40	106T 53	5755	Chain0	6.49	8.11
802.11ax HE40	106T 53	5755	Chain1	6.09	6.89
802.11ax HE40	106T 53	5755	MIMO	9.30	10.53
802.11ax HE40	106T 53	5795	Chain0	7.76	9.38
802.11ax HE40	106T 53	5795	Chain1	4.37	5.17
802.11ax HE40	106T 53	5795	MIMO	9.40	10.63
802.11ax HE40	106T 55	5755	Chain0	6.97	8.59
802.11ax HE40	106T 55	5755	Chain1	2.30	3.10
802.11ax HE40	106T 55	5755	MIMO	8.24	9.47
802.11ax HE40	106T 55	5795	Chain0	8.73	10.35
802.11ax HE40	106T 55	5795	Chain1	3.90	4.70
802.11ax HE40	106T 55	5795	MIMO	9.96	11.19
802.11ax HE40	106T 56	5755	Chain0	10.11	11.73
802.11ax HE40	106T 56	5755	Chain1	4.36	5.16
802.11ax HE40	106T 56	5755	MIMO	11.13	12.36
802.11ax HE40	106T 56	5795	Chain0	8.00	9.62
802.11ax HE40	106T 56	5795	Chain1	4.34	5.14
802.11ax HE40	106T 56	5795	MIMO	9.55	10.78
802.11ax HE40	242T 61	5755	Chain0	10.81	12.43

802.11ax HE40	242T 61	5755	Chain1	4.49	5.29
802.11ax HE40	242T 61	5755	MIMO	11.72	12.95
802.11ax HE40	242T 61	5795	Chain0	6.26	7.88
802.11ax HE40	242T 61	5795	Chain1	7.76	8.56
802.11ax HE40	242T 61	5795	MIMO	10.08	11.31
802.11ax HE40	242T 62	5755	Chain0	9.00	10.62
802.11ax HE40	242T 62	5755	Chain1	8.65	9.45
802.11ax HE40	242T 62	5755	MIMO	11.84	13.07
802.11ax HE40	242T 62	5795	Chain0	9.36	10.98
802.11ax HE40	242T 62	5795	Chain1	5.82	6.62
802.11ax HE40	242T 62	5795	MIMO	10.95	12.18
802.11ax HE40	484T 65	5755	Chain0	10.15	11.77
802.11ax HE40	484T 65	5755	Chain1	9.13	9.93
802.11ax HE40	484T 65	5755	MIMO	12.68	13.91
802.11ax HE40	484T 65	5795	Chain0	10.46	12.08
802.11ax HE40	484T 65	5795	Chain1	8.32	9.12
802.11ax HE40	484T 65	5795	MIMO	12.53	13.76
802.11ax HE80	26T 0	5775	Chain0	5.12	6.74
802.11ax HE80	26T 0	5775	Chain1	3.01	3.81
802.11ax HE80	26T 0	5775	MIMO	7.20	8.43
802.11ax HE80	26T 18	5775	Chain0	5.23	6.85
802.11ax HE80	26T 18	5775	Chain1	3.47	4.27
802.11ax HE80	26T 18	5775	MIMO	7.45	8.68
802.11ax HE80	26T 36	5775	Chain0	5.45	7.07
802.11ax HE80	26T 36	5775	Chain1	2.95	3.75
802.11ax HE80	26T 36	5775	MIMO	7.39	8.62
802.11ax HE80	52T 37	5775	Chain0	4.86	6.48
802.11ax HE80	52T 37	5775	Chain1	3.89	4.69
802.11ax HE80	52T 37	5775	MIMO	7.41	8.64
802.11ax HE80	52T 45	5775	Chain0	4.78	6.40
802.11ax HE80	52T 45	5775	Chain1	3.04	3.84
802.11ax HE80	52T 45	5775	MIMO	7.01	8.24
802.11ax HE80	52T 52	5775	Chain0	3.81	5.43
802.11ax HE80	52T 52	5775	Chain1	4.20	5.00
802.11ax HE80	52T 52	5775	MIMO	7.02	8.25
802.11ax HE80	106T 53	5775	Chain0	4.99	6.61
802.11ax HE80	106T 53	5775	Chain1	1.86	2.66
802.11ax HE80	106T 53	5775	MIMO	6.71	7.94
802.11ax HE80	106T 57	5775	Chain0	5.82	7.44
802.11ax HE80	106T 57	5775	Chain1	3.46	4.26
802.11ax HE80	106T 57	5775	MIMO	7.81	9.04
802.11ax HE80	106T 60	5775	Chain0	5.44	7.06
802.11ax HE80	106T 60	5775	Chain1	3.38	4.18
802.11ax HE80	106T 60	5775	MIMO	7.54	8.77
802.11ax HE80	242T 61	5775	Chain0	5.44	7.06
802.11ax HE80	242T 61	5775	Chain1	3.16	3.96

802.11ax HE80	242T 61	5775	MIMO	7.46	8.69
802.11ax HE80	242T 63	5775	Chain0	5.98	7.60
802.11ax HE80	242T 63	5775	Chain1	3.82	4.62
802.11ax HE80	242T 63	5775	MIMO	8.04	9.27
802.11ax HE80	242T 64	5775	Chain0	3.35	4.97
802.11ax HE80	242T 64	5775	Chain1	3.05	3.85
802.11ax HE80	242T 64	5775	MIMO	6.21	7.44
802.11ax HE80	484T 65	5775	Chain0	5.51	7.13
802.11ax HE80	484T 65	5775	Chain1	3.30	4.10
802.11ax HE80	484T 65	5775	MIMO	7.55	8.78
802.11ax HE80	484T 66	5775	Chain0	4.81	6.43
802.11ax HE80	484T 66	5775	Chain1	2.57	3.37
802.11ax HE80	484T 66	5775	MIMO	6.84	8.07
802.11ax HE80	996T 67	5775	Chain0	4.95	6.57
802.11ax HE80	996T 67	5775	Chain1	3.19	3.99
802.11ax HE80	996T 67	5775	MIMO	7.17	8.40

Emission Bandwidth

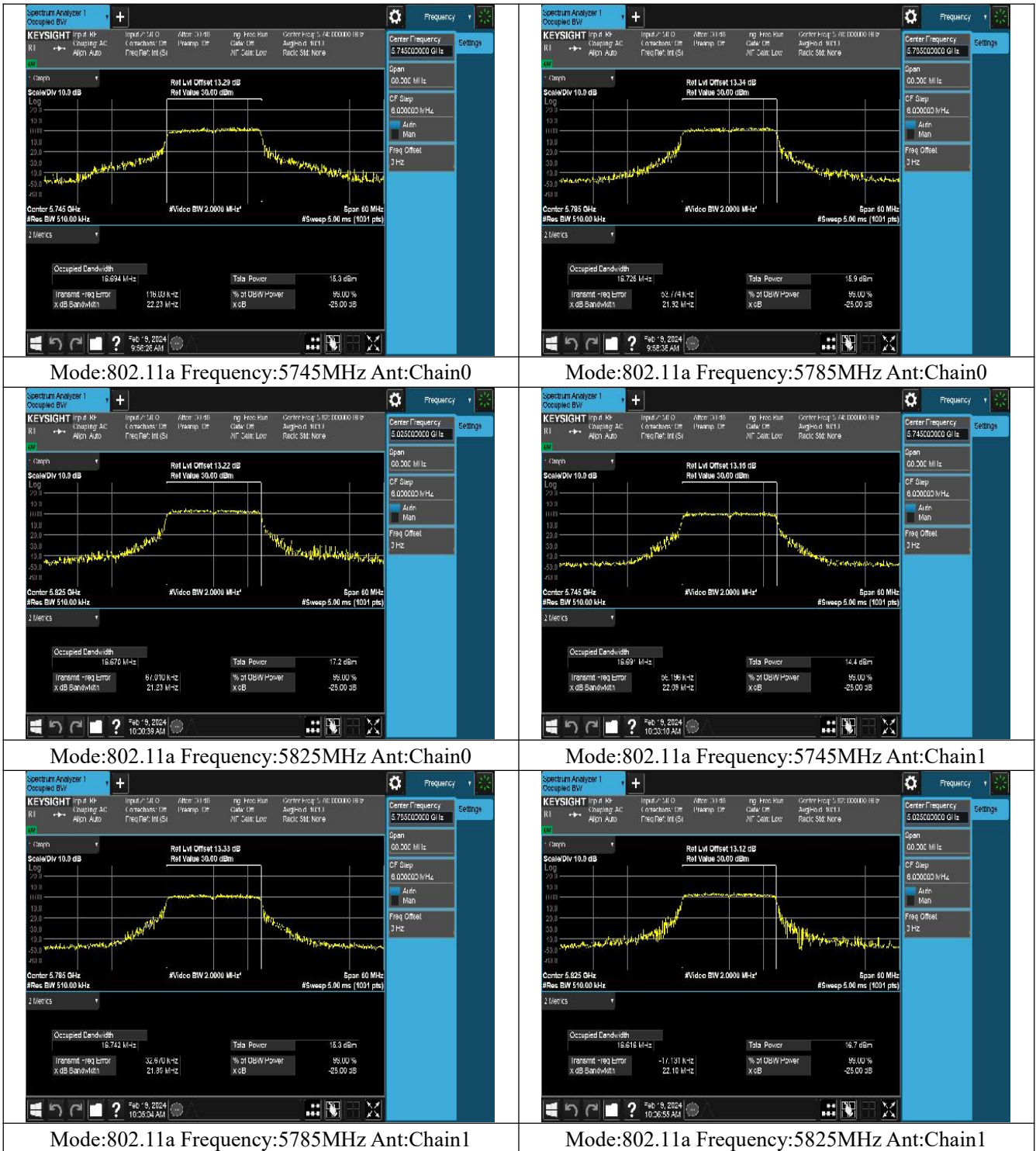
Offset 1.2dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	22.23	21.92	21.23
802.11a	Chain1	22.09	21.85	22.10
802.11n HT20	Chain0	22.02	22.39	22.07
802.11n HT20	Chain1	22.43	22.89	21.99
802.11ac VHT20	Chain0	23.81	22.41	25.46
802.11ac VHT20	Chain1	22.11	22.24	22.65
802.11ax HE20	Chain0	23.00	22.95	22.59
802.11ax HE20	Chain1	21.89	22.43	22.16

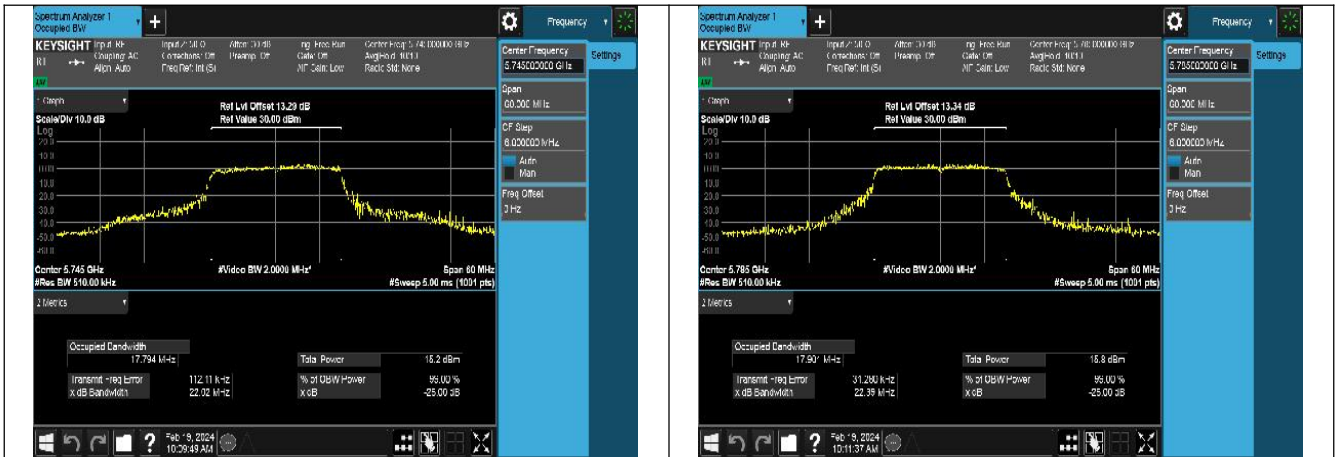
Test Mode	Antenna	26dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	43.36	---	43.39
802.11n HT40	Chain1	43.18	---	43.04
802.11ac VHT40	Chain0	41.12	---	41.17
802.11ac VHT40	Chain1	42.36	---	43.32
802.11ax HE40	Chain0	43.26	---	42.90
802.11ax HE40	Chain1	42.99	---	42.23

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	81.51	---	---
802.11ac VHT80	Chain1	83.42	---	---
802.11ax HE80	Chain0	82.82	---	---
802.11ax HE80	Chain1	82.78	---	---

Test Mode: 802.11a

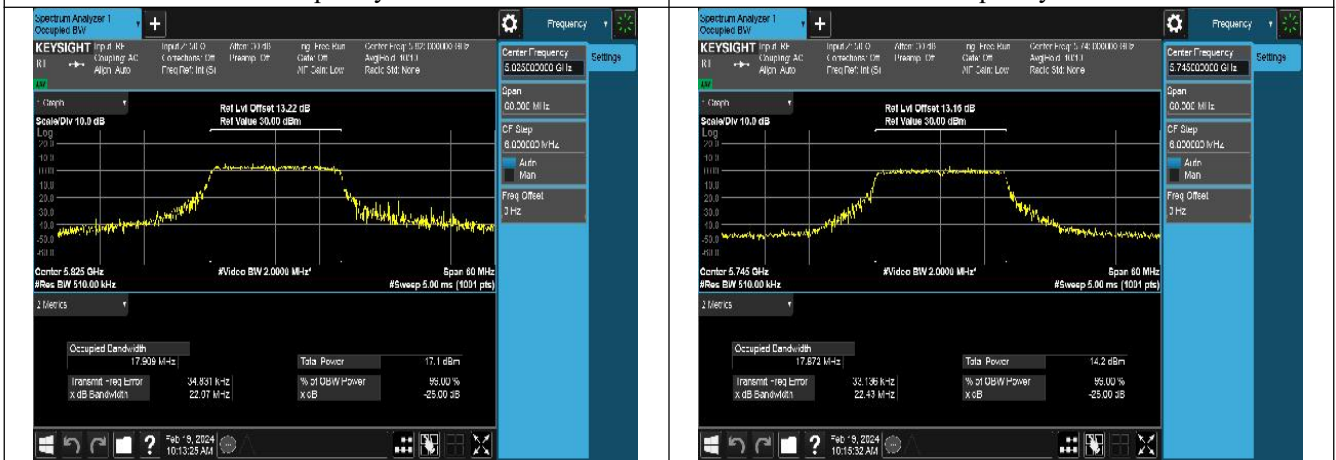


Test Mode: 802.11n HT20



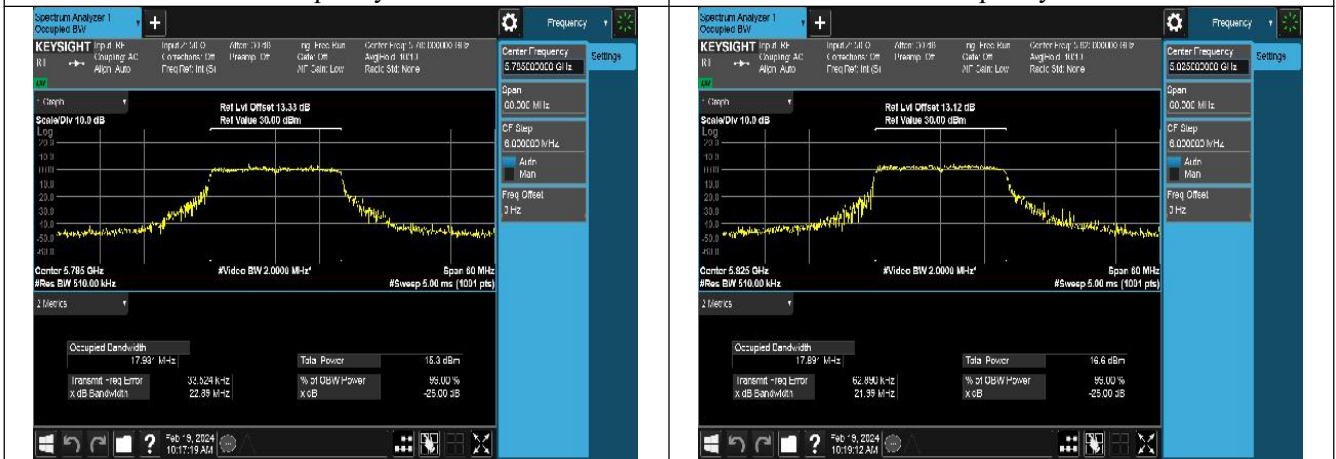
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0

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



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

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



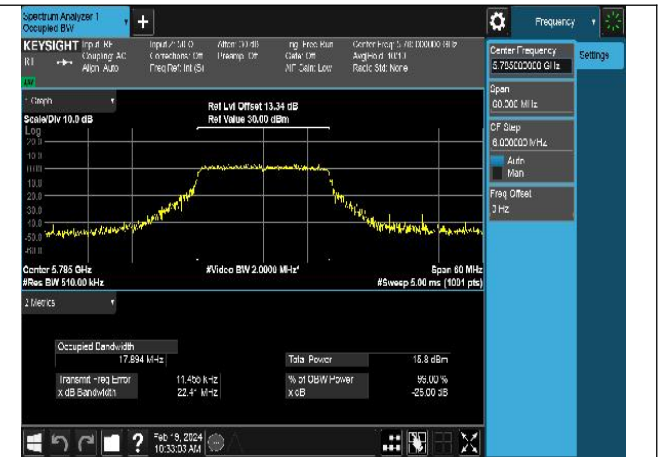
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1

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

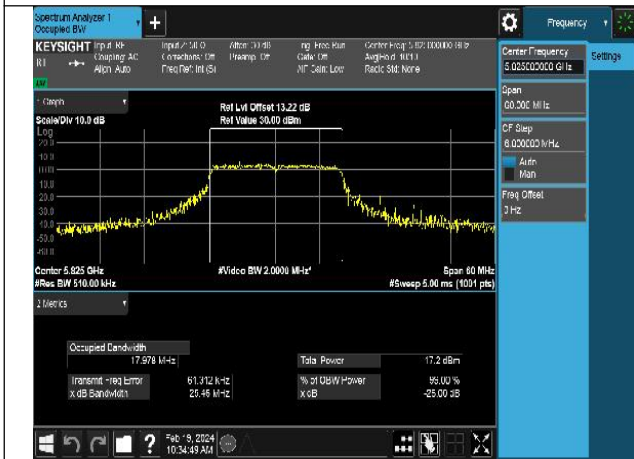
Test Mode: 802.11ac VHT20



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



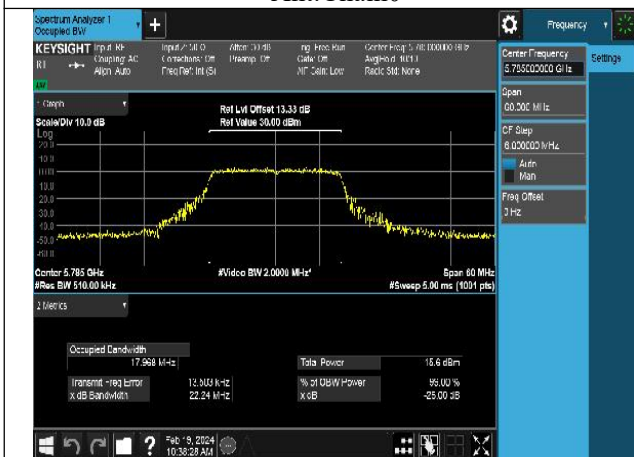
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



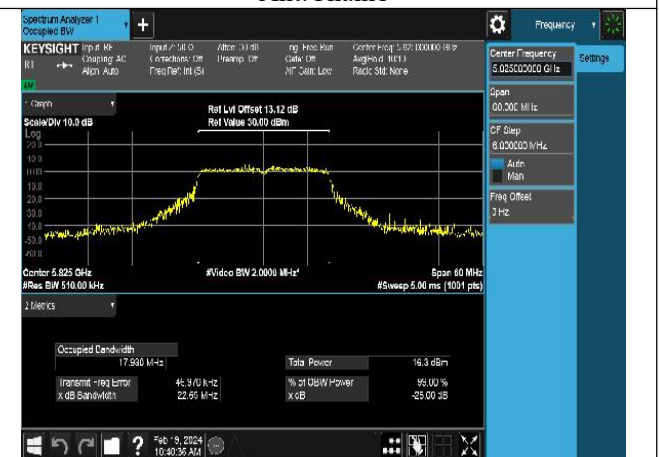
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



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



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



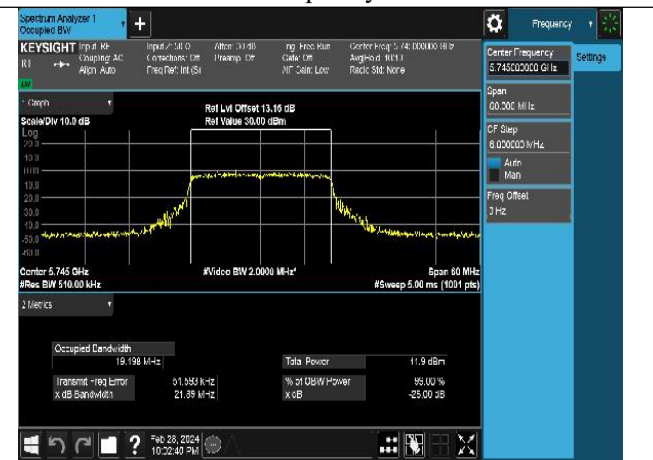
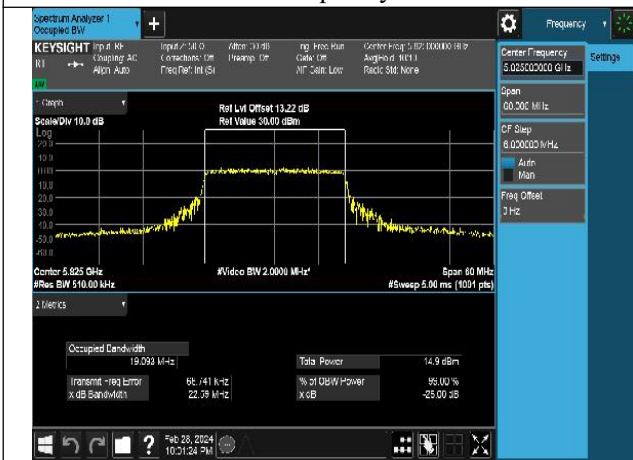
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

Test Mode: 802.11ax HE20



Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain0

Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain0

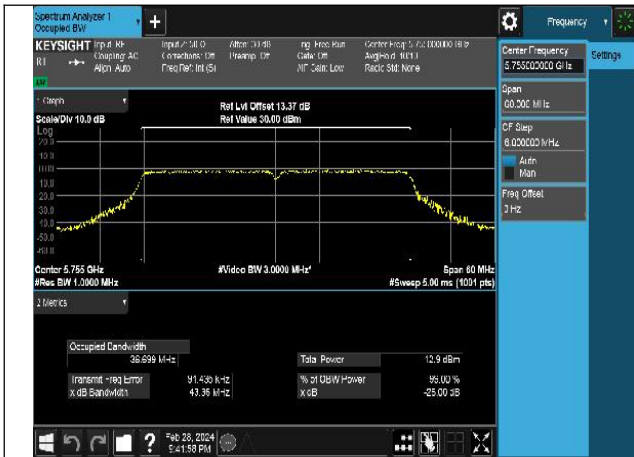
Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain1



Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain1

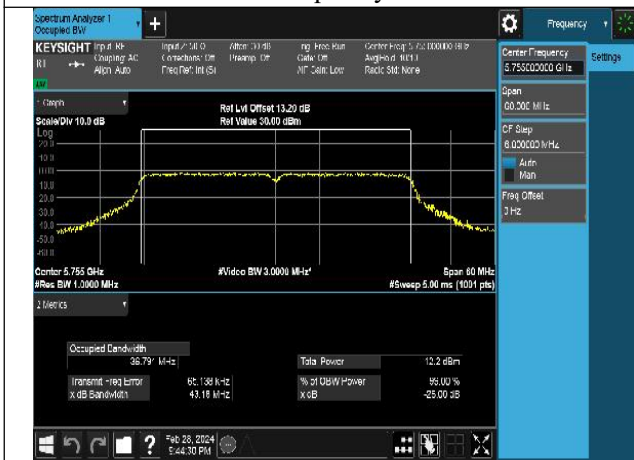
Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0

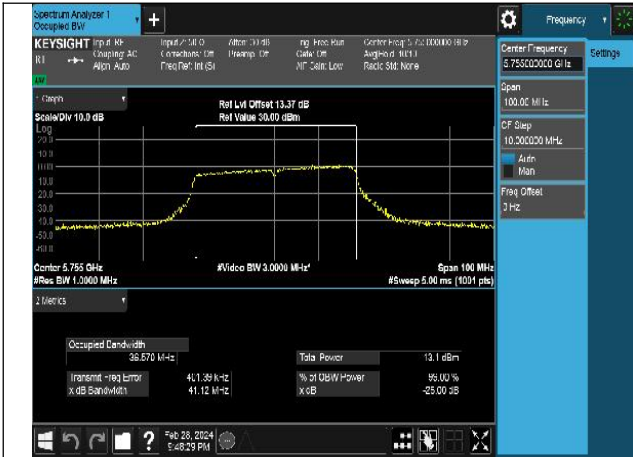
Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

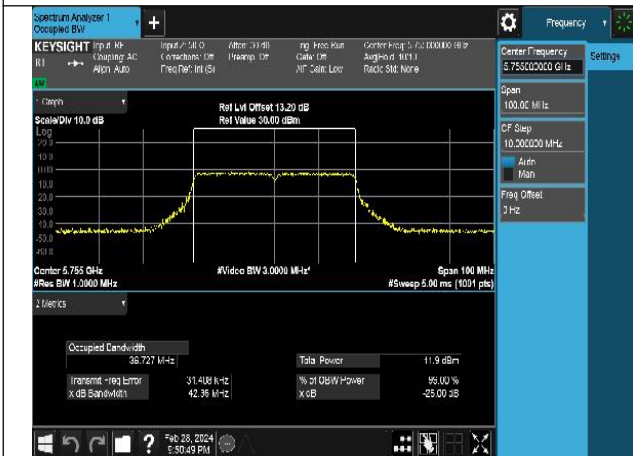
Test Mode: 802.11ac VHT40



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: 802.11ax HE40



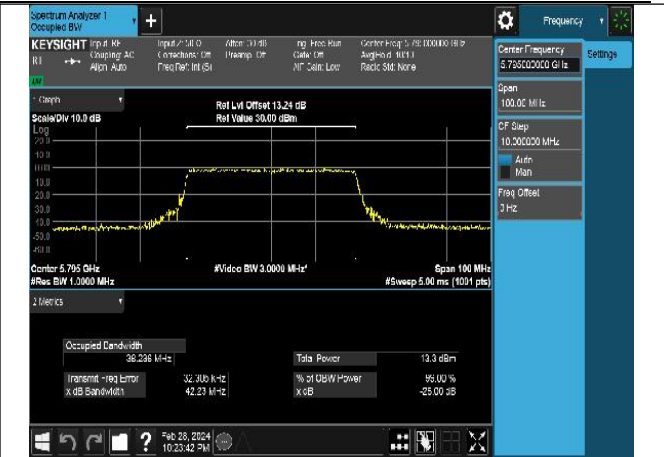
Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain0



Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain0



Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain1



Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain1

Test Mode: 802.11ac VHT80

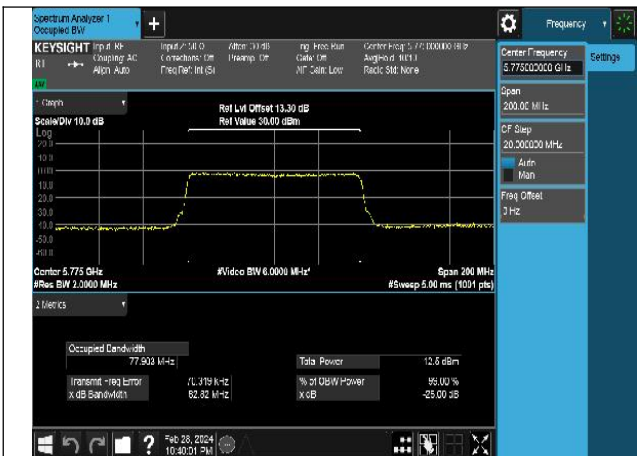


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain0

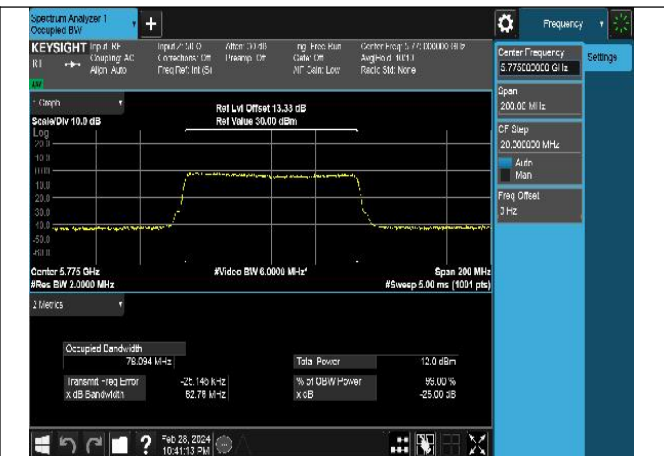


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain1

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5775MHz Ant:Chain0



Mode:802.11ax HE80 Frequency:5775MHz Ant:Chain1

Occupied Bandwidth

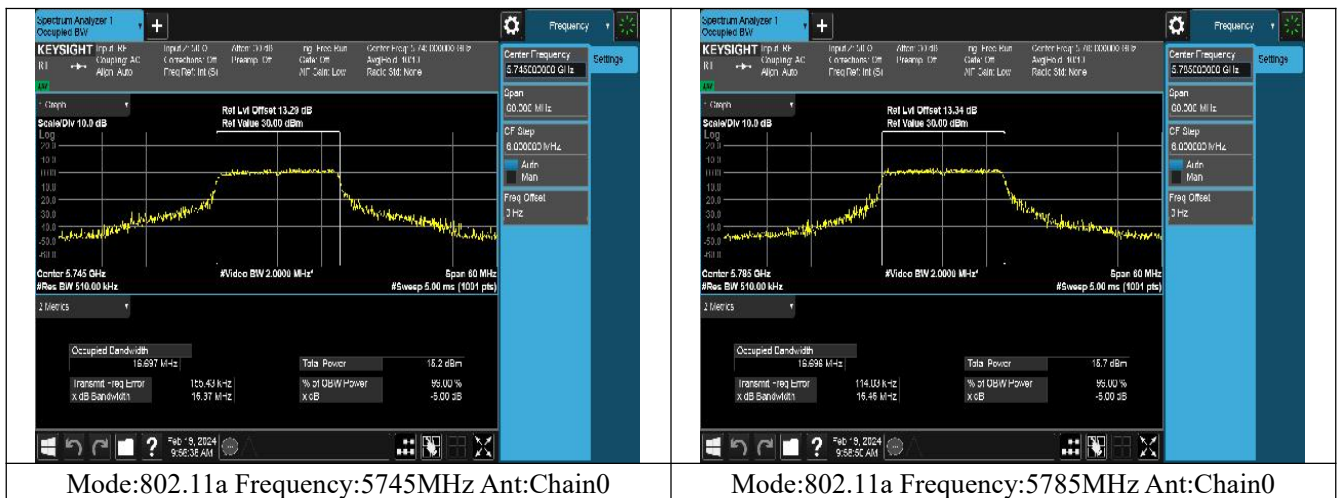
Offset 1.2dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.697	16.696	16.692
802.11a	Chain1	16.741	16.691	16.689
802.11n HT20	Chain0	17.866	17.799	17.915
802.11n HT20	Chain1	17.940	17.912	17.925
802.11ac VHT20	Chain0	17.895	17.871	17.908
802.11ac VHT20	Chain1	17.903	17.884	17.881
802.11ax HE20	Chain0	19.145	19.094	19.146
802.11ax HE20	Chain1	19.084	19.143	19.148

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.690	---	36.726
802.11n HT40	Chain1	36.696	---	36.773
802.11ac VHT40	Chain0	36.602	---	36.723
802.11ac VHT40	Chain1	36.699	---	36.727
802.11ax HE40	Chain0	38.156	---	38.170
802.11ax HE40	Chain1	38.264	---	38.251

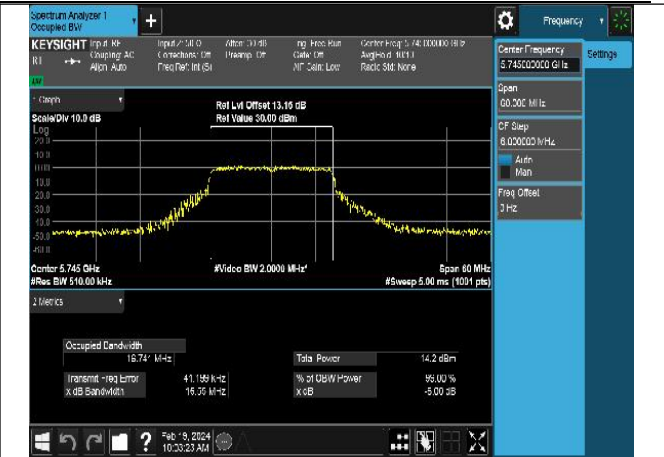
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	75.137	---	---
802.11ac VHT80	Chain1	75.675	---	---
802.11ax HE80	Chain0	77.898	---	---
802.11ax HE80	Chain1	78.133	---	---

Test Mode: 802.11a





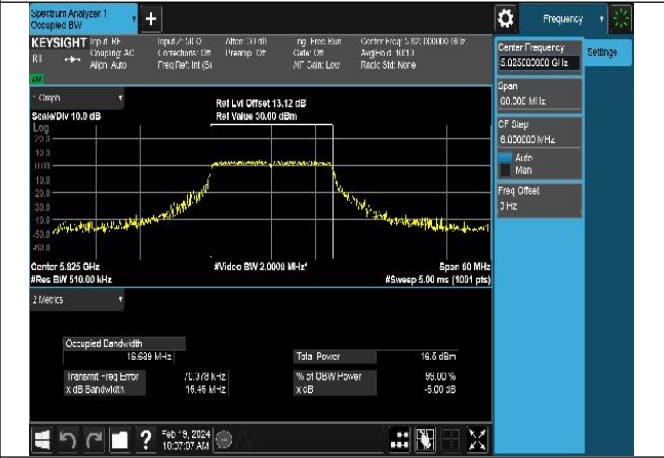
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1



Mode:802.11a Frequency:5785MHz Ant:Chain1

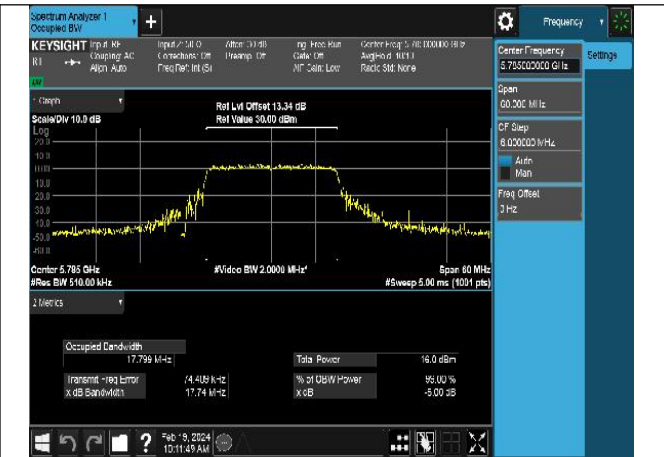


Mode:802.11a Frequency:5825MHz Ant:Chain1

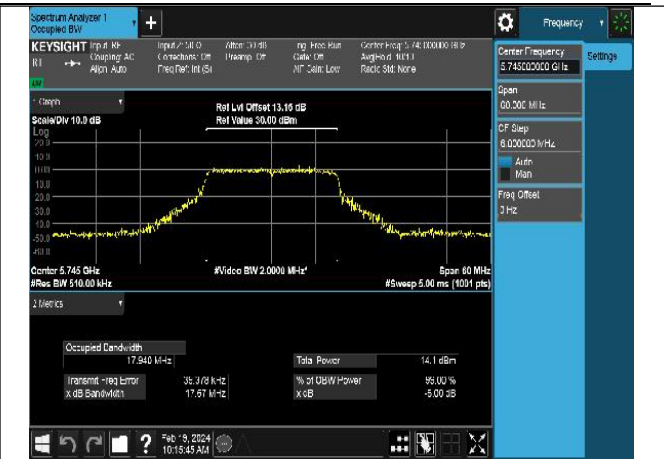
Test Mode: 802.11n HT20



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



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



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

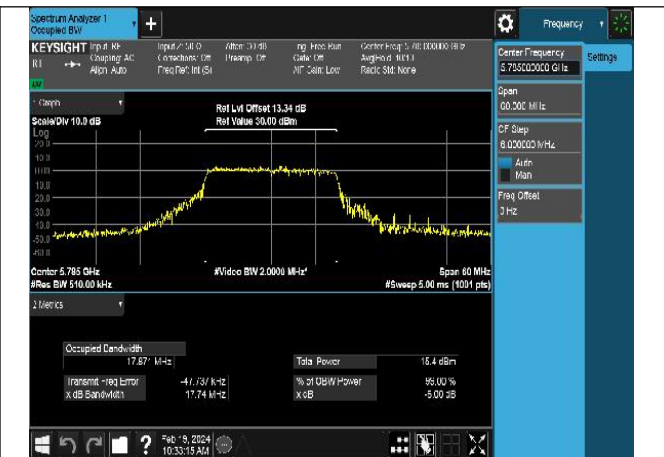
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain1



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

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

Test Mode: 802.11ac VHT20

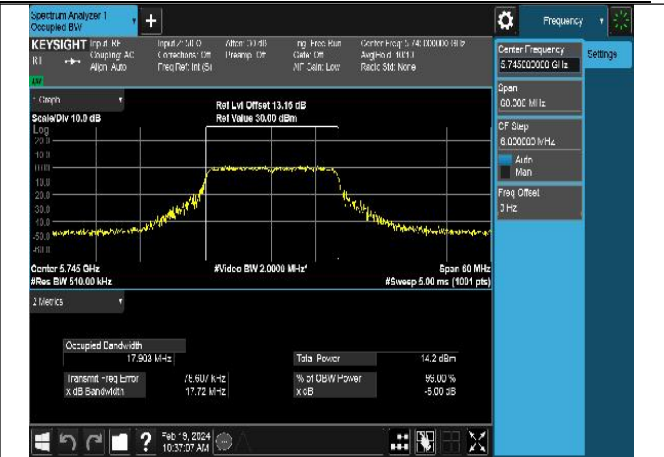


Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0

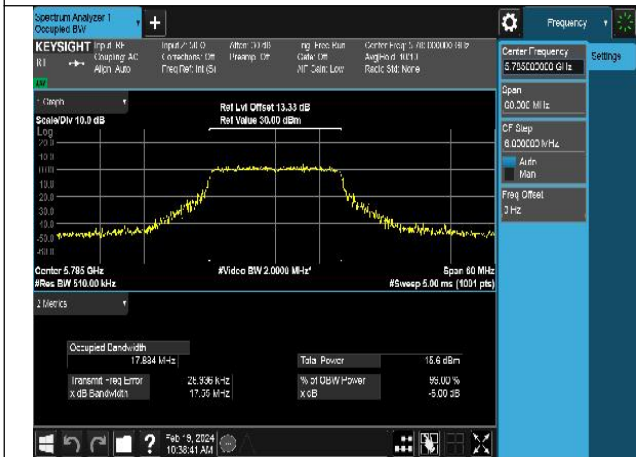
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



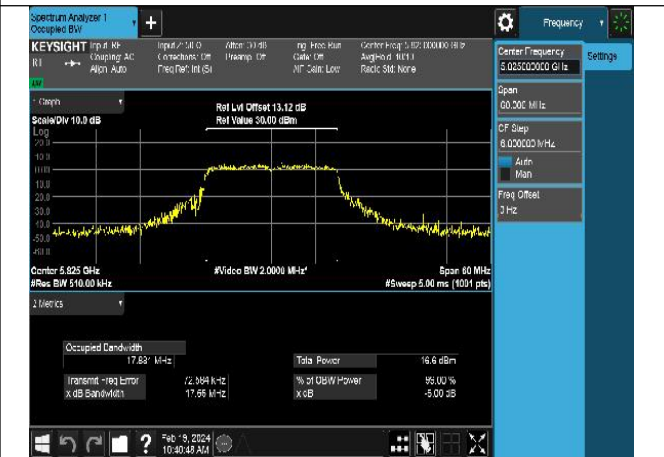
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



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

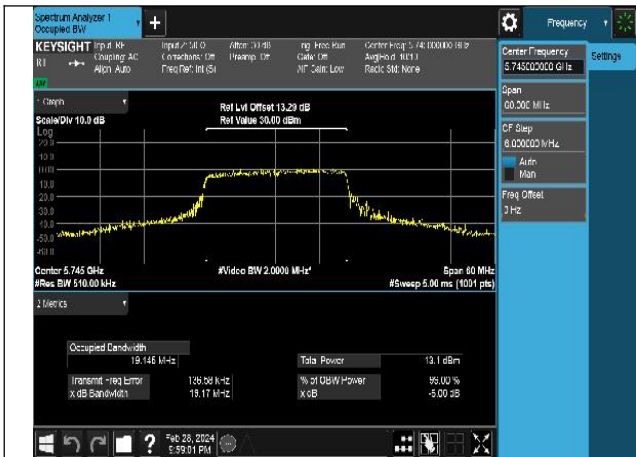


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1

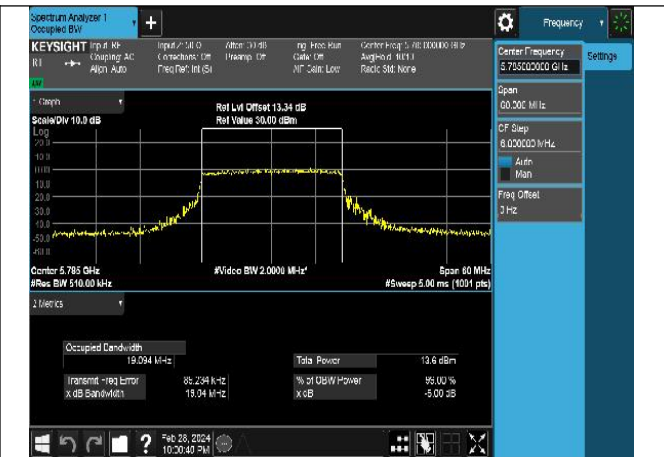


Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

Test Mode: 802.11ax HE20



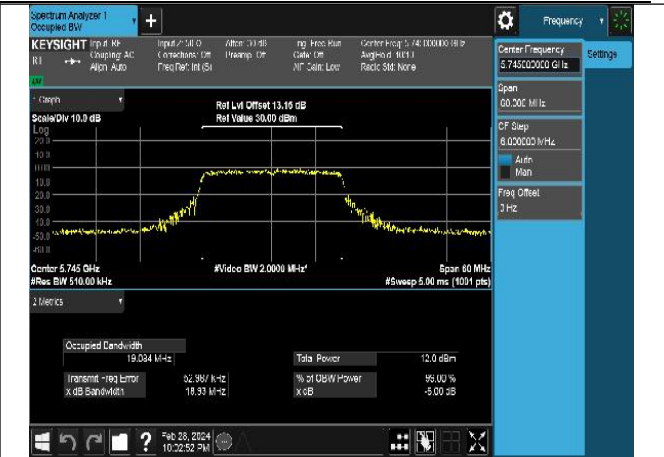
Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain0



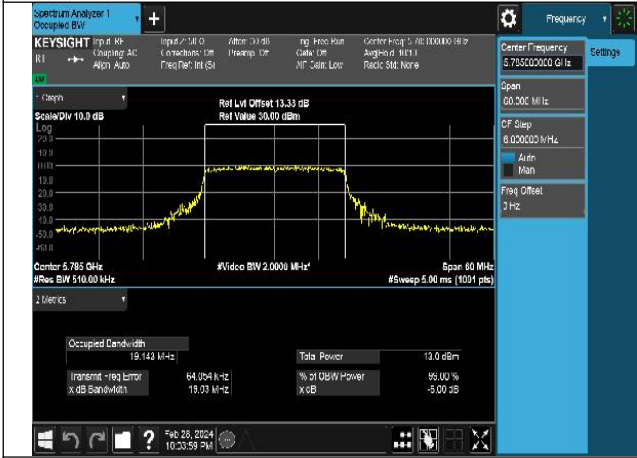
Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain0



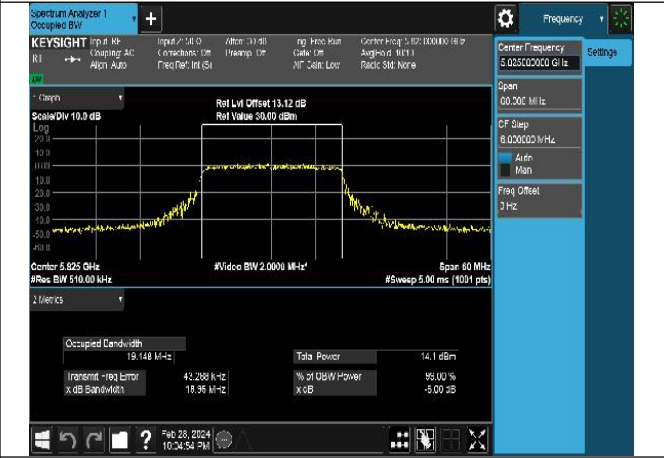
Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain1

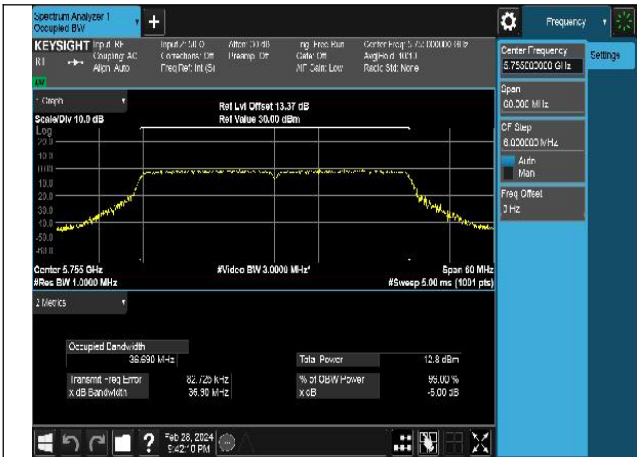


Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain1



Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain1

Test Mode: 802.11n HT40



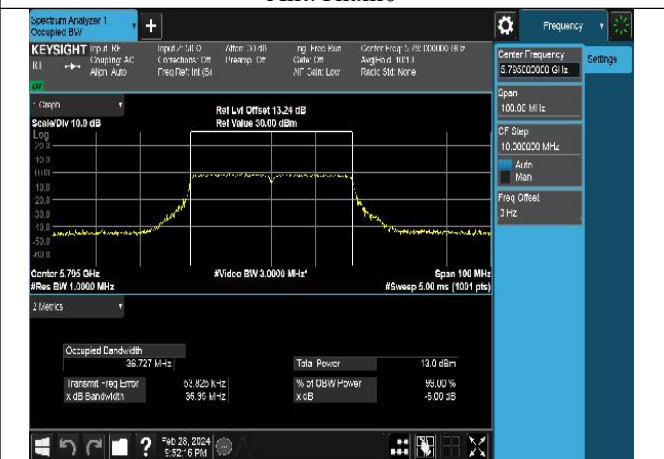
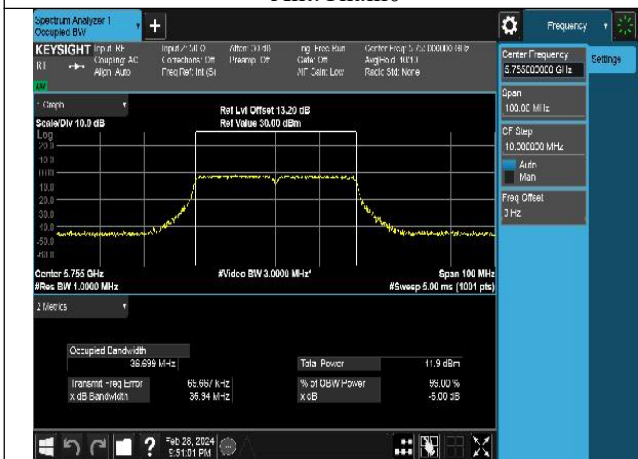
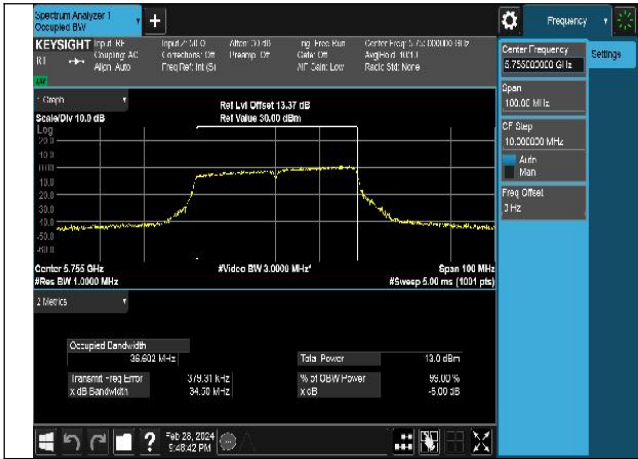
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0



Test Mode: 802.11ac VHT40



Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain0

Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain0



Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain1

Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain1

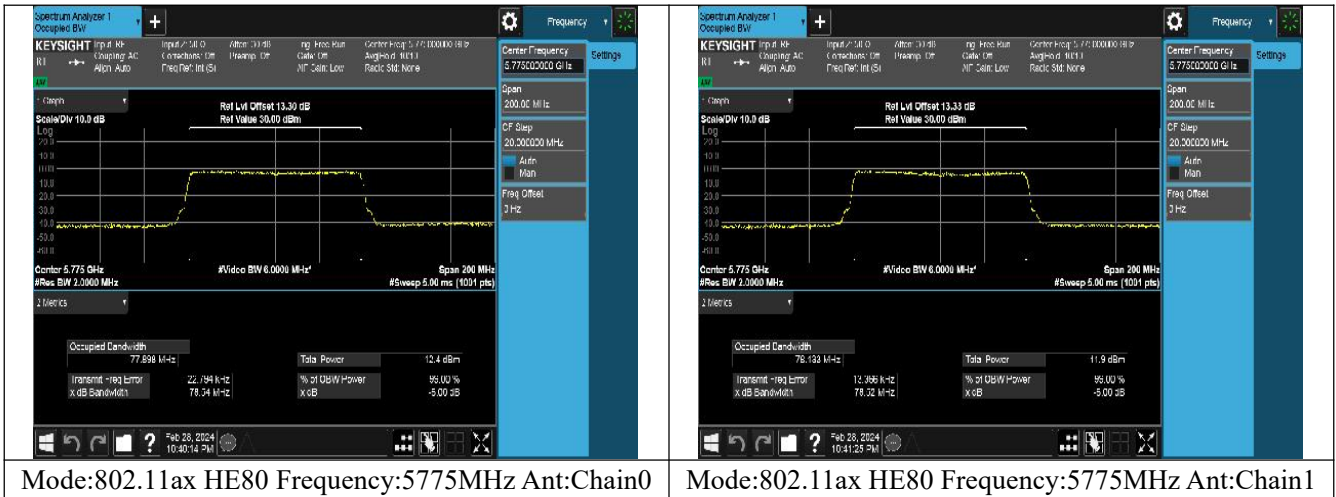
Test Mode: 802.11ac VHT80



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

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

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5775MHz Ant:Chain0

Mode:802.11ax HE80 Frequency:5775MHz Ant:Chain1

6dB Bandwidth

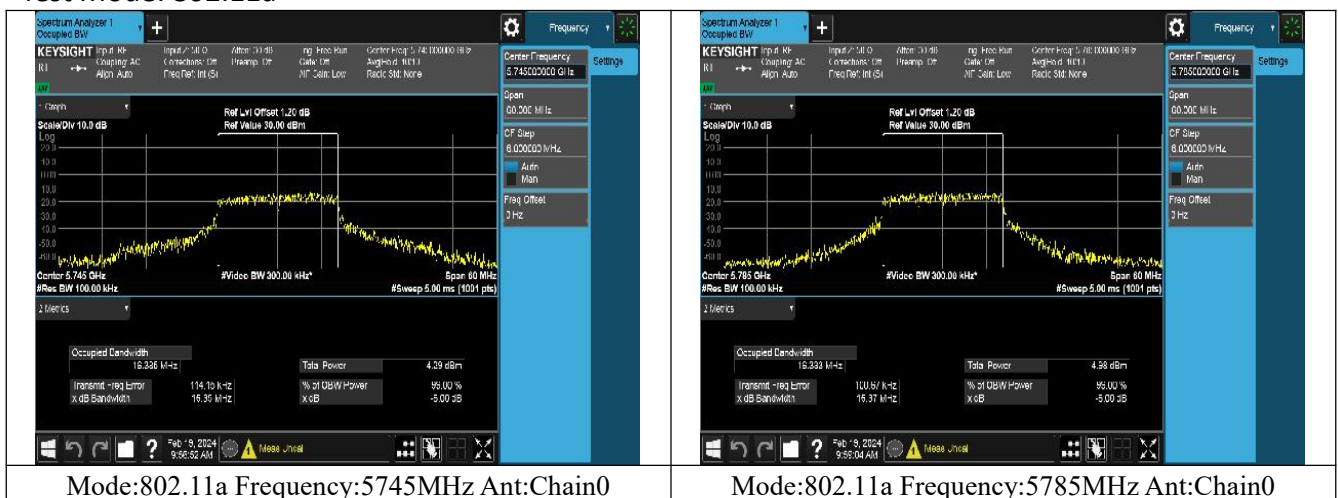
Offset 1.2dB = Attenuator + Temporary antenna connector loss + Cable loss

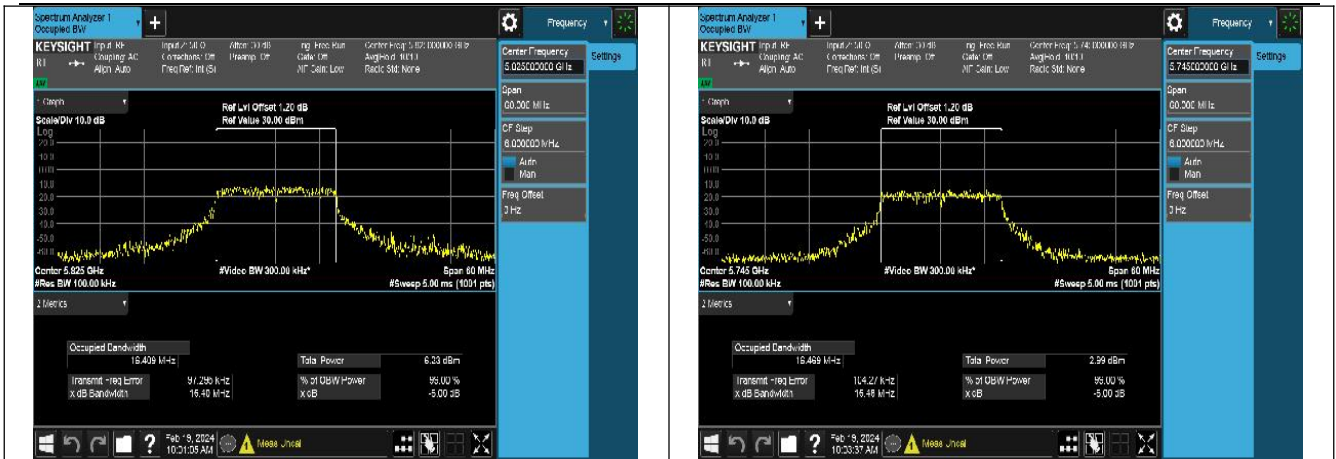
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.35	16.37	16.40
802.11a	Chain1	16.48	16.51	16.32
802.11n HT20	Chain0	17.28	17.68	17.49
802.11n HT20	Chain1	17.59	16.56	17.72
802.11ac VHT20	Chain0	17.48	17.63	17.67
802.11ac VHT20	Chain1	17.51	17.68	17.26
802.11ax HE20	Chain0	18.80	19.12	19.00
802.11ax HE20	Chain1	18.94	19.08	19.01

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.53	---	36.49
802.11n HT40	Chain1	36.46	---	36.49
802.11ac VHT40	Chain0	33.32	---	36.54
802.11ac VHT40	Chain1	36.57	---	36.59
802.11ax HE40	Chain0	38.03	---	38.07
802.11ax HE40	Chain1	38.03	---	38.11

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	66.36	---	---
802.11ac VHT80	Chain1	75.13	---	---
802.11ax HE80	Chain0	77.76	---	---
802.11ax HE80	Chain1	77.17	---	---

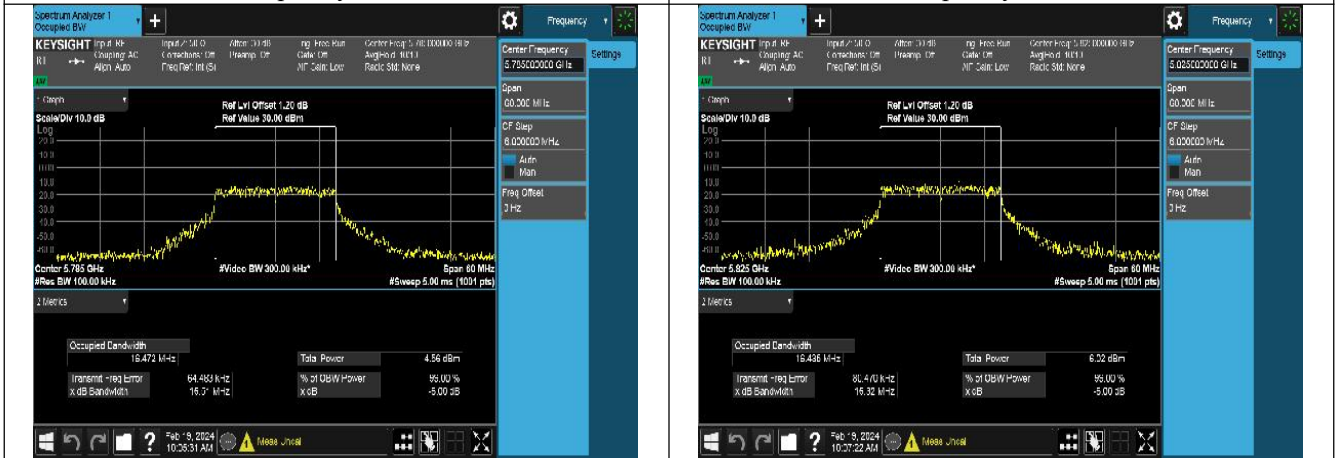
Test Mode: 802.11a





Mode:802.11a Frequency:5825MHz Ant:Chain0

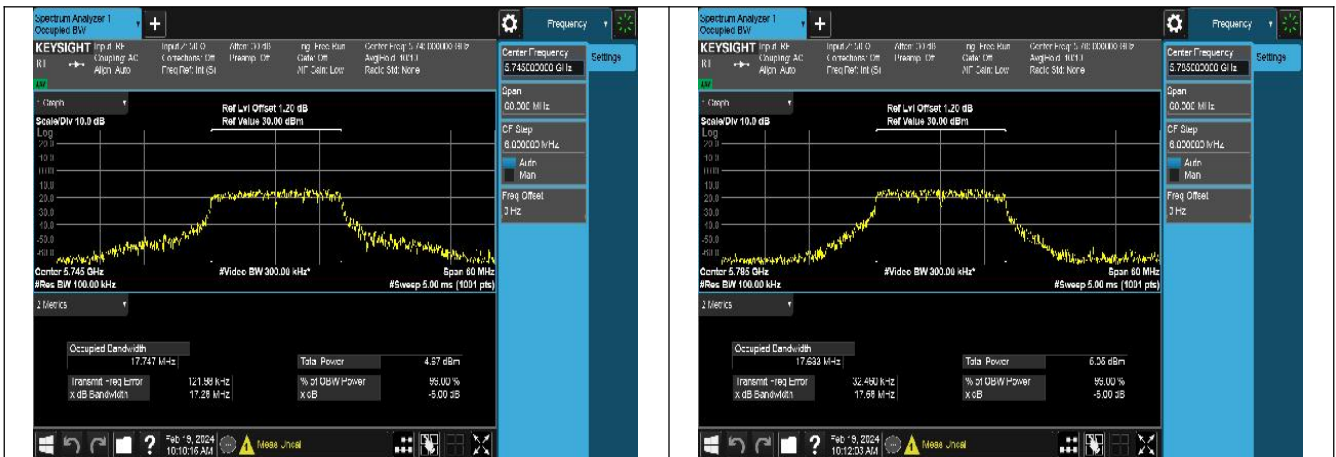
Mode:802.11a Frequency:5745MHz Ant:Chain1



Mode:802.11a Frequency:5785MHz Ant:Chain1

Mode:802.11a Frequency:5825MHz Ant:Chain1

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

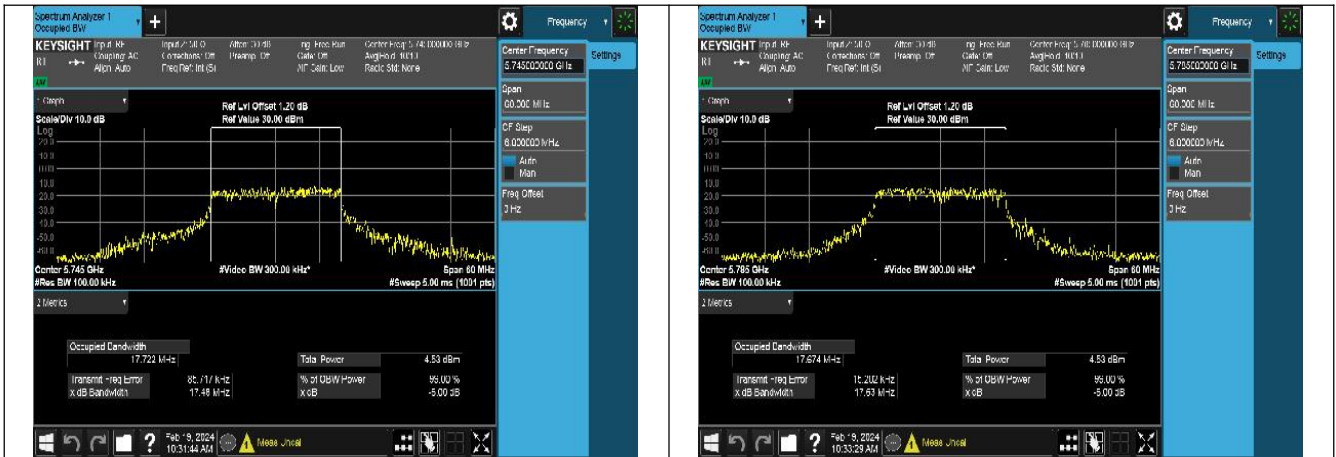
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain1



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

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

Test Mode: 802.11ac VHT20

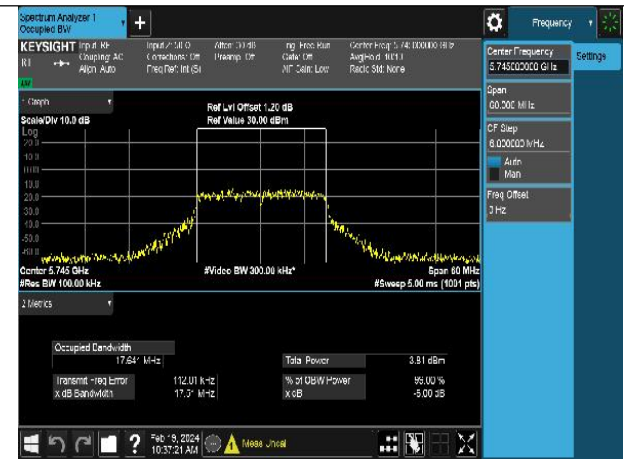


Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0

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



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



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

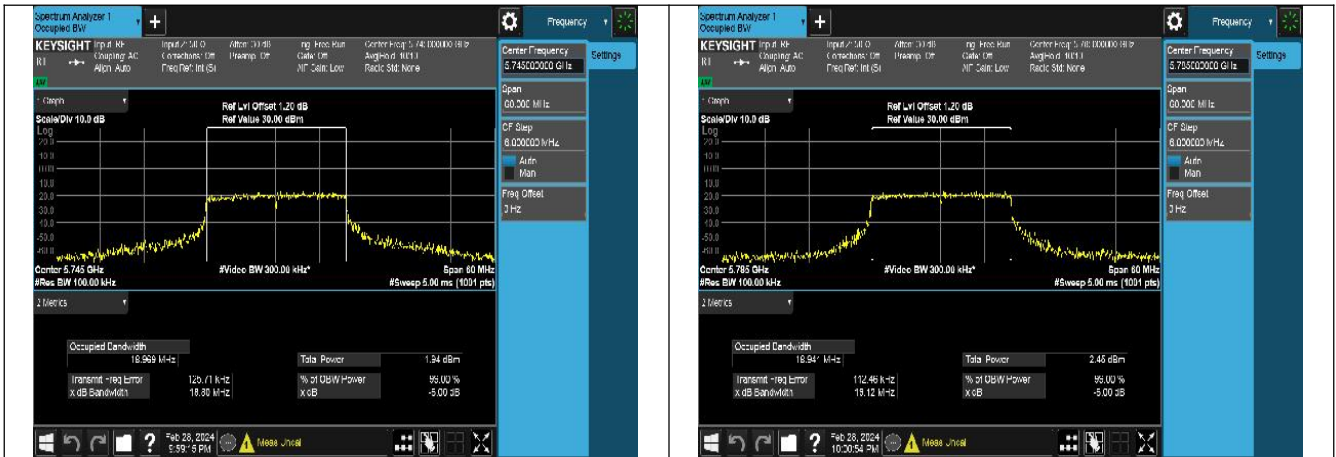


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1



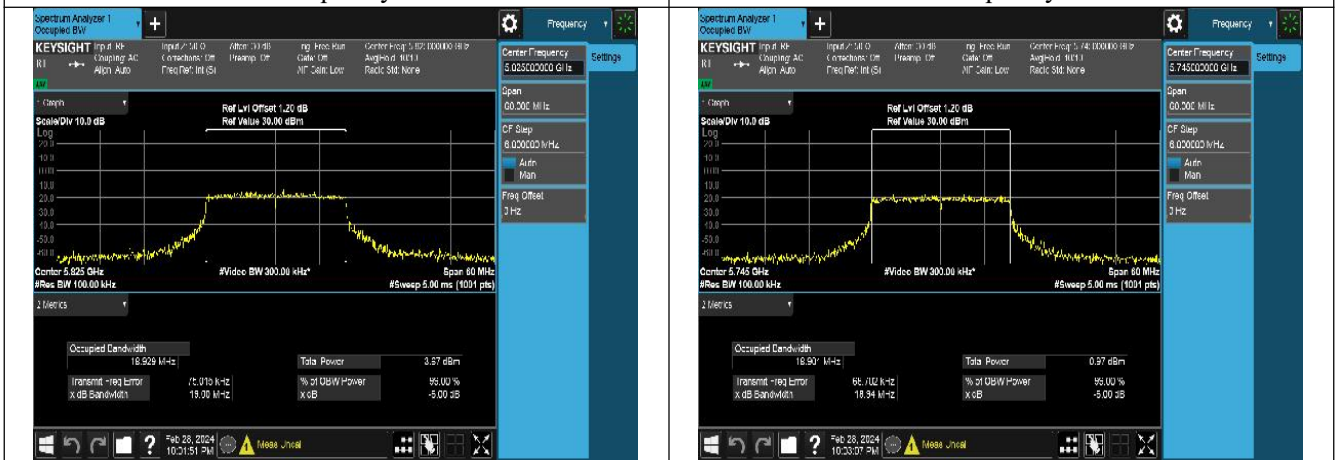
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

Test Mode: 802.11ax HE20



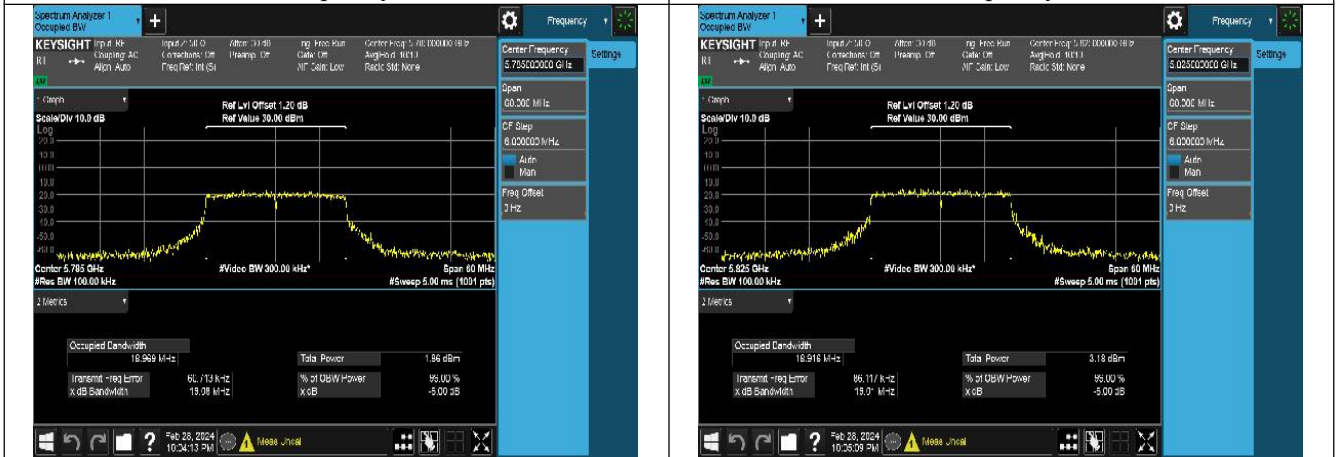
Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain0

Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain0

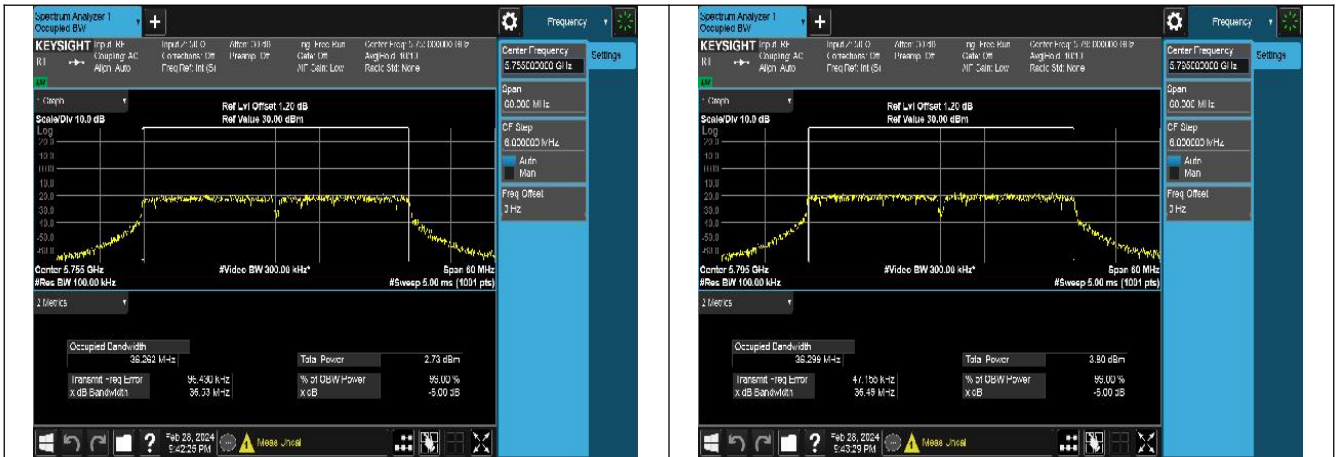
Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain1



Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain1

Mode:802.11ax HE20 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