

**Appendix G. Maximum Equivalent Isotropically Radiated Power(E.I.R.P.)****U-NII-5**

Modulation Type	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
				ANT A	ANT B						
11a	8.5	1	5955	7.88	8.49	11.21	13.201	2.23	13.44	22.06	30.00
11a	10	45	6175	7.12	7.57	10.36	10.867	2.23	12.59	18.16	30.00
11a	11	93	6415	7.56	7.75	10.67	11.658	2.23	12.90	19.48	30.00
11be EHT20	9	1	5955	8.57	8.85	11.72	14.868	2.23	13.95	24.85	30.00
11be EHT20	10.5	45	6175	7.74	7.76	10.76	11.913	2.23	12.99	19.91	30.00
11be EHT20	11.5	93	6415	8.11	8.22	11.18	13.109	2.23	13.41	21.91	30.00
11be EHT40	11.5	3	5965	9.25	10.60	12.99	19.895	2.23	15.22	33.25	30.00
11be EHT40	13.5	43	6165	9.63	10.12	12.89	19.463	2.23	15.12	32.53	30.00
11be EHT40	14.5	91	6405	9.52	10.07	12.81	19.116	2.23	15.04	31.94	30.00
11be EHT80	14	7	5985	13.18	13.83	16.53	44.952	2.23	18.76	75.12	30.00
11be EHT80	15.5	39	6145	11.58	12.08	14.85	30.532	2.23	17.08	51.02	30.00
11be EHT80	16.5	87	6385	13.33	14.11	16.75	47.291	2.23	18.98	79.03	30.00
11be EHT160	15	15	6025	13.26	14.03	16.67	46.477	2.23	18.90	77.67	30.00
11be EHT160	16.5	47	6185	13.28	13.93	16.63	45.999	2.23	18.86	76.87	30.00
11be EHT160	16.5	79	6345	13.21	14.01	16.64	46.118	2.23	18.87	77.07	30.00

U-NII-6

Modulation Type	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
				ANT A	ANT B						
11a	11	97	6435	7.45	7.52	10.50	11.208	2.07	12.57	18.05	30.00
11a	11	105	6475	7.13	7.40	10.28	10.660	2.07	12.35	17.17	30.00
11a	12	113	6515	7.86	8.23	11.06	12.762	2.07	13.13	20.56	30.00
11be EHT20	11.5	97	6435	7.99	8.03	11.02	12.648	2.07	13.09	20.37	30.00
11be EHT20	11.5	105	6475	7.84	7.76	10.81	12.052	2.07	12.88	19.41	30.00
11be EHT20	12.5	113	6515	8.43	8.51	11.48	14.062	2.07	13.55	22.65	30.00
11be EHT40	14.5	99	6445	10.16	10.54	13.36	21.699	2.07	15.43	34.95	30.00
11be EHT40	14.5	107	6485	10.21	10.57	13.40	21.898	2.07	15.47	35.27	30.00
11be EHT80	16.5	103	6465	12.16	12.61	15.40	34.683	2.07	17.47	55.86	30.00



U-NII-7

Modulation Type	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
				ANT A	ANT B						
11a	10.5	117	6535	6.44	6.93	9.70	9.337	4.15	13.85	24.28	30.00
11a	8	153	6715	7.64	7.32	10.49	11.203	4.15	14.64	29.13	30.00
11a	7.5	181	6855	6.37	6.67	9.53	8.980	4.15	13.68	23.35	30.00
11be EHT20	10.5	117	6535	6.67	6.93	9.81	9.577	4.15	13.96	24.90	30.00
11be EHT20	8	153	6715	7.79	7.32	10.57	11.407	4.15	14.72	29.66	30.00
11be EHT20	8	181	6855	6.97	7.13	10.06	10.142	4.15	14.21	26.37	30.00
11be EHT40	13.5	123	6565	9.89	10.20	13.06	20.221	4.15	17.21	52.58	30.00
11be EHT40	11	155	6725	10.39	10.01	13.21	20.963	4.15	17.36	54.51	30.00
11be EHT40	11	179	6845	9.68	9.82	12.76	18.884	4.15	16.91	49.10	30.00
11be EHT80	13.5	135	6625	11.55	11.85	14.71	29.600	4.15	18.86	76.96	30.00
11be EHT80	13	151	6705	12.56	12.14	15.37	34.398	4.15	19.52	89.44	30.00
11be EHT80	13	167	6785	12.14	11.72	14.95	31.228	4.15	19.10	81.20	30.00
11be EHT160	14.5	143	6665	13.09	13.30	16.21	41.750	4.15	20.36	108.56	30.00

U-NII-8

Modulation Type	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
				ANT A	ANT B						
11a	6.5	189	6895	5.49	5.98	8.75	7.503	4.15	12.90	19.51	30.00
11a	7	213	7015	5.55	5.62	8.60	7.237	4.15	12.75	18.82	30.00
11a	10	229	7095	6.43	6.09	9.27	8.460	4.15	13.42	22.00	30.00
11a	10.5	233	7115	6.61	5.69	9.18	8.288	4.15	13.33	21.55	30.00
11be EHT20	7	189	6895	5.87	6.43	9.17	8.259	4.15	13.32	21.47	30.00
11be EHT20	7.5	213	7015	6.14	6.07	9.12	8.157	4.15	13.27	21.21	30.00
11be EHT20	10.5	229	7095	6.96	6.46	9.73	9.392	4.15	13.88	24.42	30.00
11be EHT20	-3.5	233	7115	-7.21	-8.74	-4.90	0.324	4.15	-0.75	0.84	30.00
11be EHT40	10	195	6925	8.42	9.19	11.83	15.249	4.15	15.98	39.65	30.00
11be EHT40	10.5	211	7005	8.51	8.94	11.74	14.930	4.15	15.89	38.82	30.00
11be EHT40	13	227	7085	9.04	8.71	11.89	15.447	4.15	16.04	40.16	30.00
11be EHT80	12	199	6945	10.51	11.53	14.06	25.469	4.15	18.21	66.22	30.00
11be EHT80	13	215	7025	10.88	10.97	13.94	24.749	4.15	18.09	64.35	30.00
11be EHT160	15	207	6985	13.43	14.12	16.80	47.852	4.15	20.95	124.42	30.00



Straddle Channel

Maximum Conducted Output Power (Within 6425-6525MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
			ANT A	ANT B						
13.5	11be EHT40	6525	5.50	6.92	9.28	0.00	9.28	2.07	11.35	30.00
15.5	11be EHT80	6545	3.47	4.84	7.22	0.00	7.22	2.07	9.29	30.00
17	11be EHT160	6505	10.11	11.11	13.65	0.00	13.65	2.07	15.72	30.00

Maximum Conducted Output Power (Extends across 6525MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
			ANT A	ANT B						
13.5	11be EHT40	6525	5.32	6.57	9.00	0.00	9.00	4.15	13.15	30.00
15.5	11be EHT80	6545	10.10	10.68	13.41	0.00	13.41	4.15	17.56	30.00
17	11be EHT160	6505	7.15	7.45	10.31	0.00	10.31	4.15	14.46	30.00

Power Meter Maximum E.I.R.P. (Within 6425-6525MHz band & Extends across 6525MHz band)						
Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	
					ANT A	ANT B
11be EHT40	NSS1-MCS0	13.5	115	6525	9.41	9.51
11be EHT80	NSS1-MCS0	15.5	119	6545	11.71	11.82
11be EHT160	NSS1-MCS0	17	111	6505	12.32	12.52

Note: Power Meter Average power is for reference only.



Straddle Channel

Maximum Conducted Output Power (Within 6525-6875MHz band)
RF Output Power(dBm)

Setting	Modulation Type	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
			ANT A	ANT B						
7.5	11a	6875	3.03	3.03	6.04	0.00	6.04	4.15	10.19	30.00
7.5	11be EHT20	6875	3.11	2.95	6.04	0.00	6.04	4.15	10.19	30.00
10.5	11be EHT40	6885	3.03	3.33	6.19	0.00	6.19	4.15	10.34	30.00
13	11be EHT80	6865	9.58	9.66	12.63	0.00	12.63	4.15	16.78	30.00
15.5	11be EHT160	6825	9.43	9.49	12.47	0.00	12.47	4.15	16.62	30.00

Maximum Conducted Output Power (Extends across 6875MHz band)
RF Output Power(dBm)

Setting	Modulation Type	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
			ANT A	ANT B						
7.5	11a	6875	3.07	3.12	6.11	0.00	6.11	4.15	10.26	30.00
7.5	11be EHT20	6875	3.22	3.36	6.30	0.00	6.30	4.15	10.45	30.00
10.5	11be EHT40	6885	8.00	8.23	11.13	0.00	11.13	4.15	15.28	30.00
13	11be EHT80	6865	7.14	7.04	10.10	0.00	10.10	4.15	14.25	30.00
15.5	11be EHT160	6825	2.06	2.04	5.06	0.00	5.06	4.15	9.21	30.00

Power Meter Maximum E.I.R.P.
(Within 6525-6875MHz band & Extends across 6875MHz band)

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)	
					ANT A	ANT B
11a	6 Mbps	7.5	185	6875	6.36	6.75
11be EHT20	NSS1-MCS0	7.5	185	6875	6.33	6.74
11be EHT40	NSS1-MCS0	10.5	187	6885	8.87	9.39
11be EHT80	NSS1-MCS0	13	183	6865	11.31	11.83
11be EHT160	NSS1-MCS0	15.5	175	6825	13.75	13.78

Note: Power Meter Average power is for reference only.

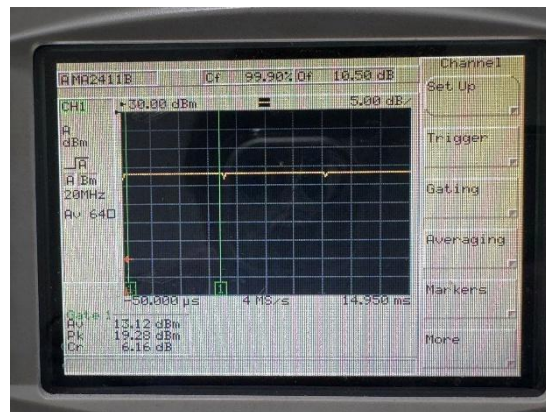


Gate setup plot:

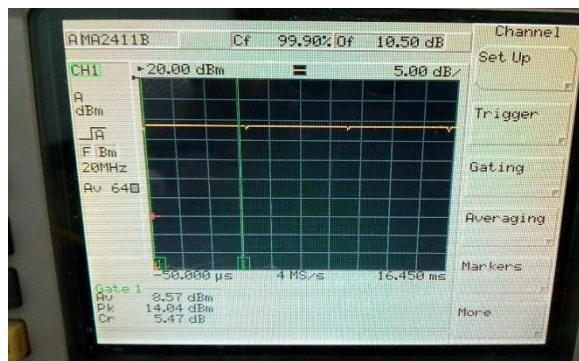
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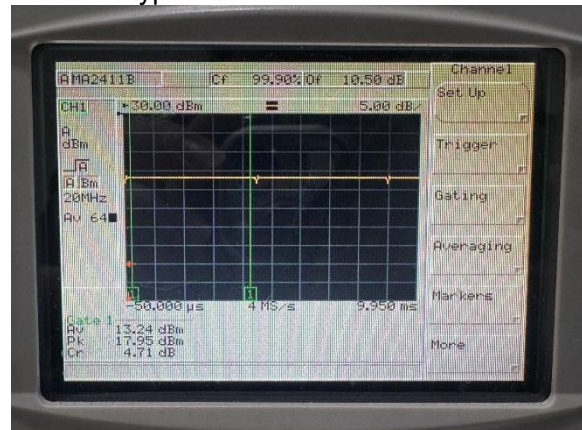
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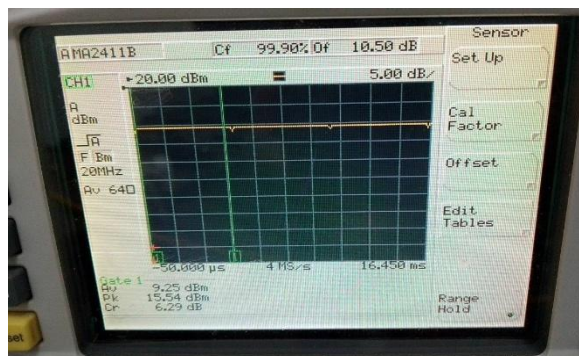
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Modulation Type: 802.11be EHT160



Modulation Type: 802.11be EHT40



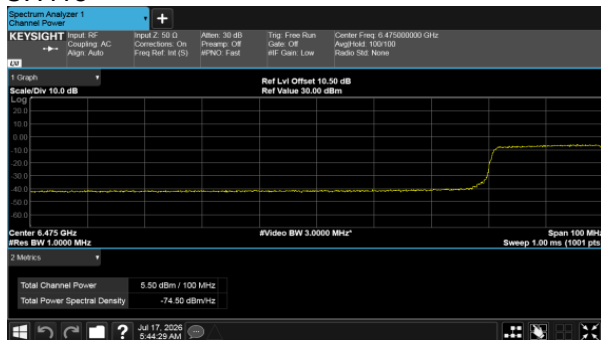


Straddle Channel, ANT A

Within 6425-6525MHz

Modulation 802.11be EHT40

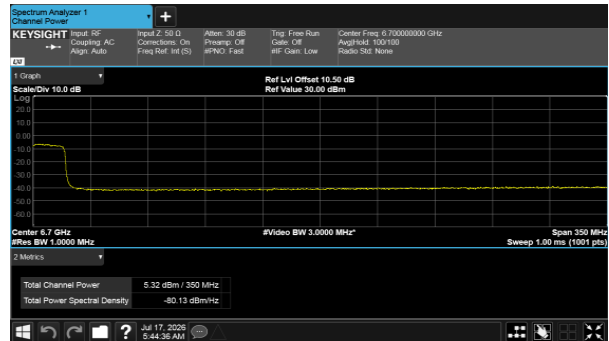
CH115



Extends across 6525MHz

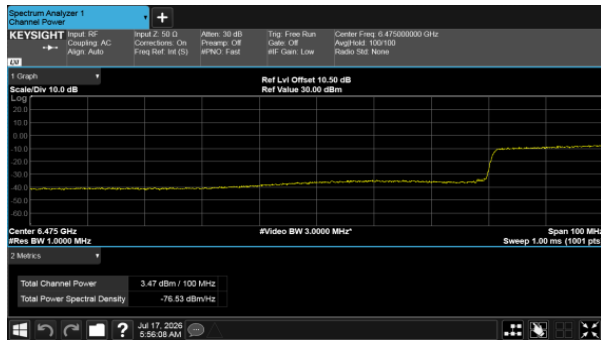
Modulation 802.11be EHT40

CH115



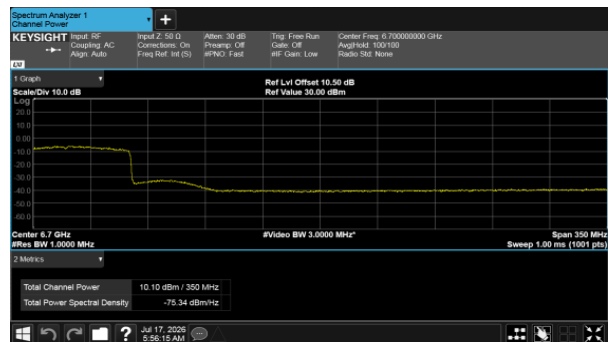
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CH119



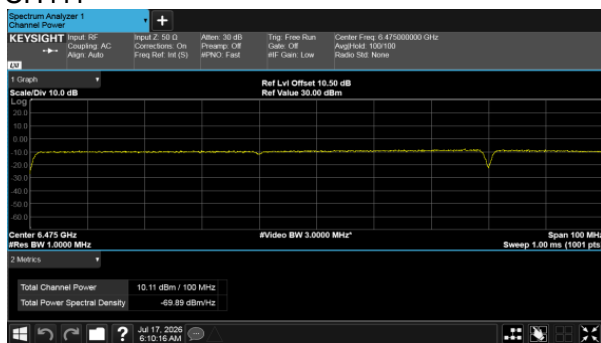
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CH119



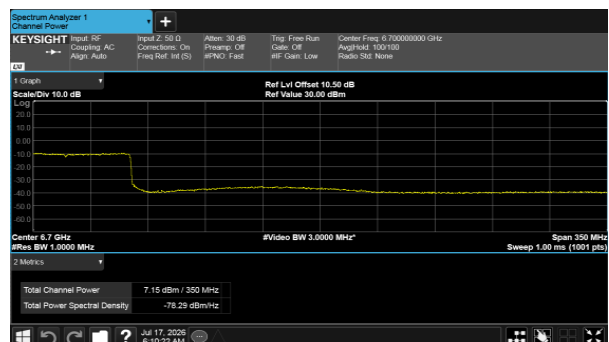
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CH111



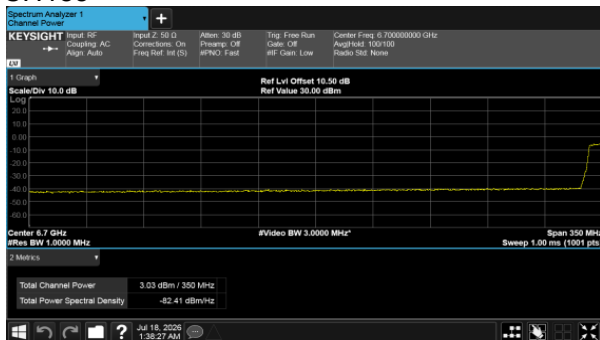
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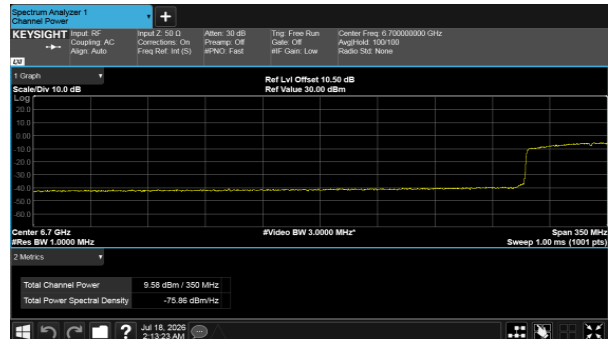




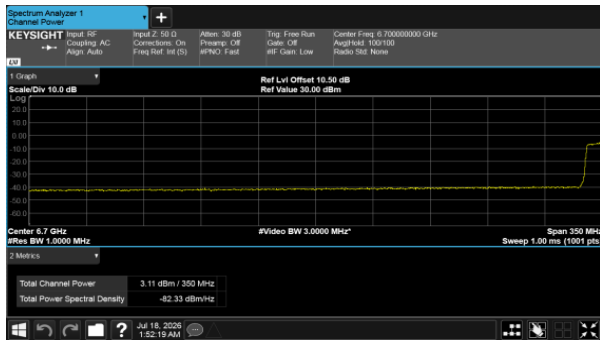
Straddle Channel, ANT A
Within 6525-6875MHz band
Modulation 802.11a
CH185



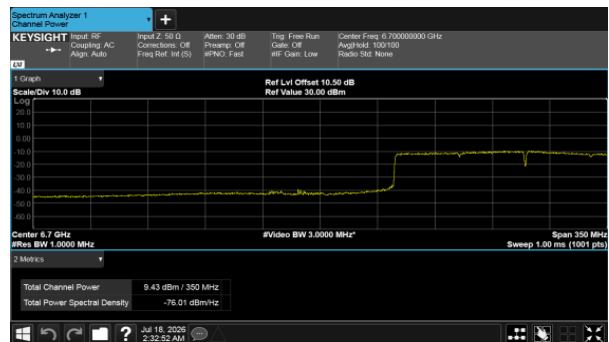
Modulation 802.11be EHT80
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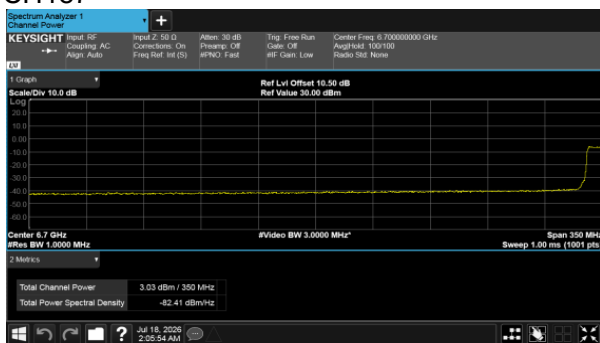
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Modulation Type: 802.11be EHT160
CH175

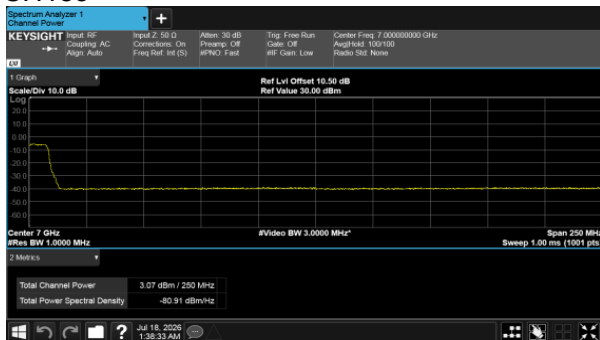


Modulation Type: 802.11be EHT40
CH187

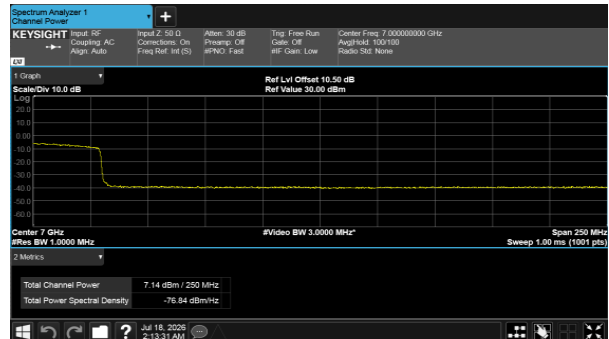




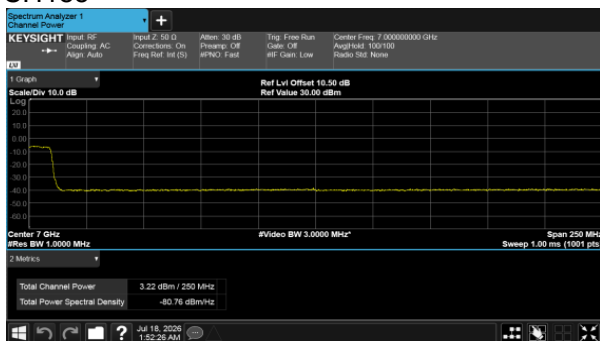
Straddle Channel, ANT A
Extends across 6875MHz band
Modulation 802.11a
CH185



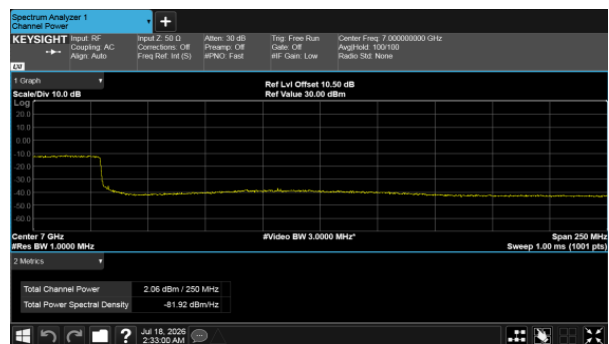
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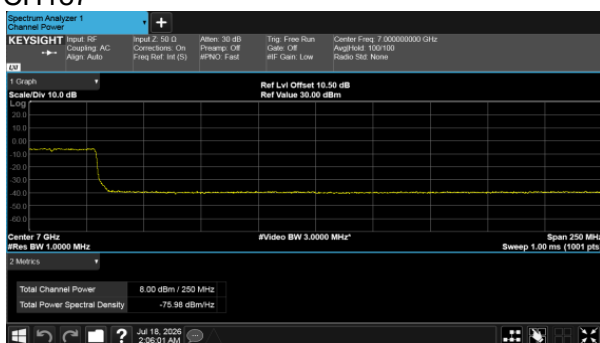
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CH185



Modulation Type: 802.11be EHT160
CH175



Modulation Type: 802.11be EHT40
CH187



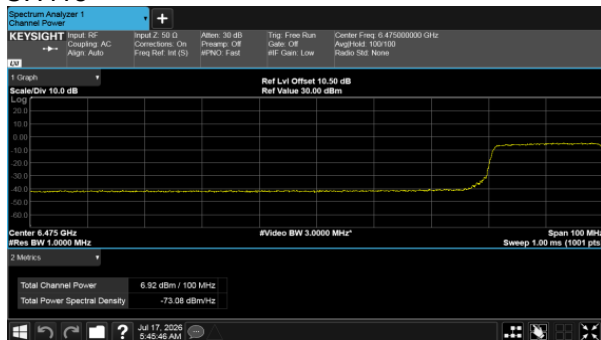


Straddle Channel, ANT B

Within 6425-6525MHz

Modulation 802.11be EHT40

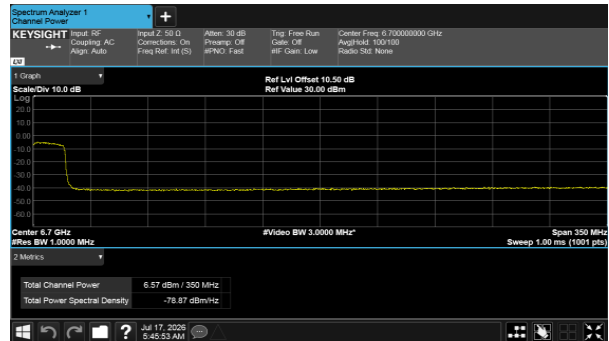
CH115



Extends across 6525MHz

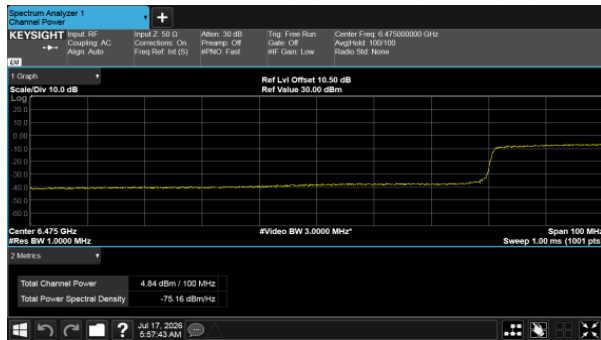
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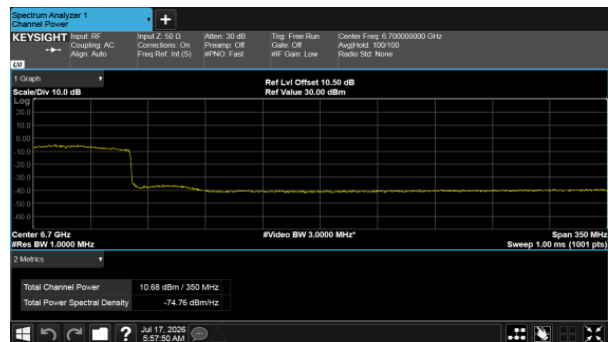
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CH119



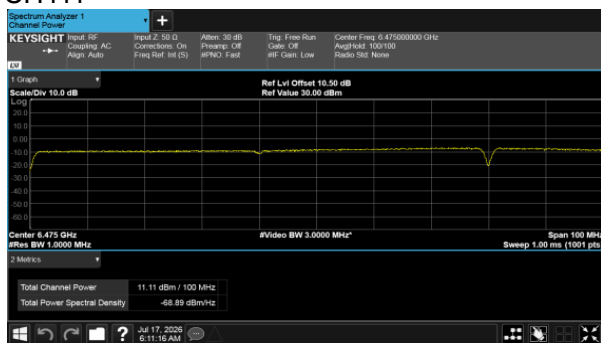
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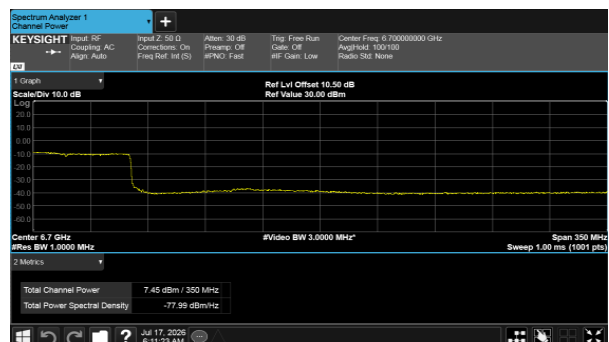
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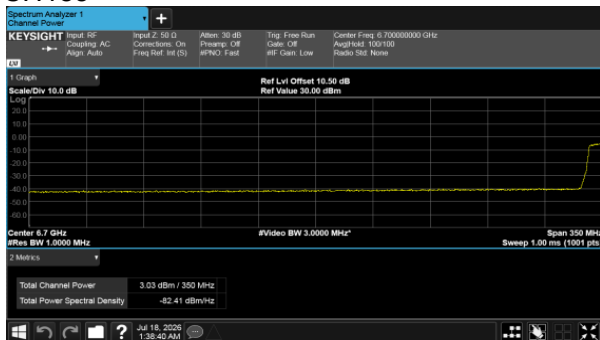
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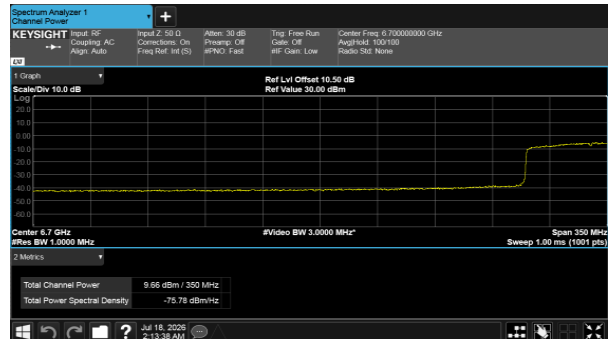




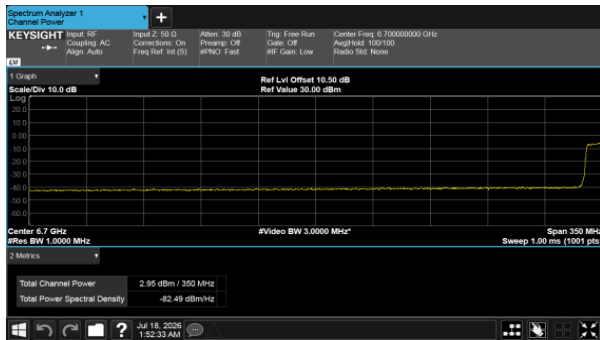
Straddle Channel, ANT B
Within 6525-6875MHz band
Modulation 802.11a
CH185



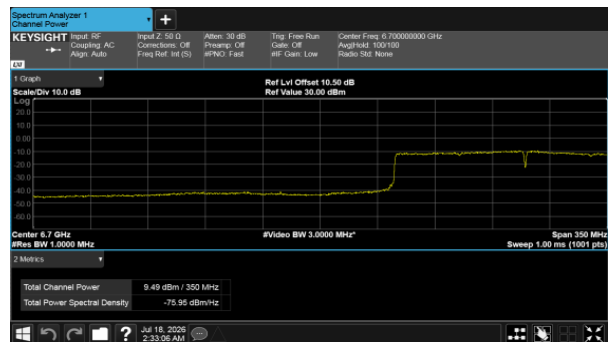
Modulation 802.11be EHT80
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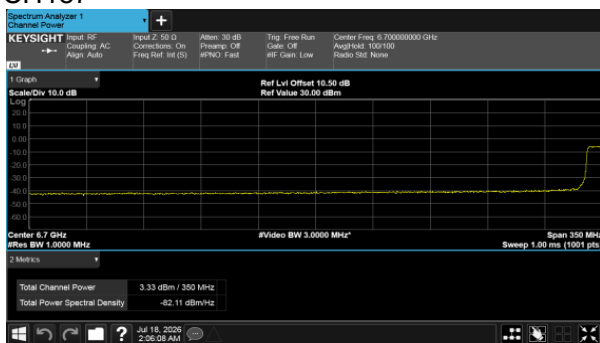
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CH185



Modulation Type: 802.11be EHT160
CH175



Modulation Type: 802.11be EHT40
CH187



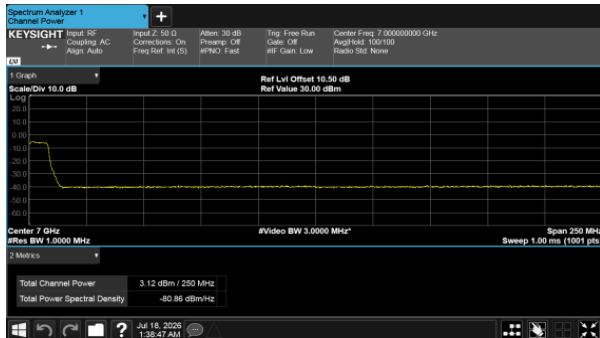


Straddle Channel, ANT B

Extends across 6875MHz band

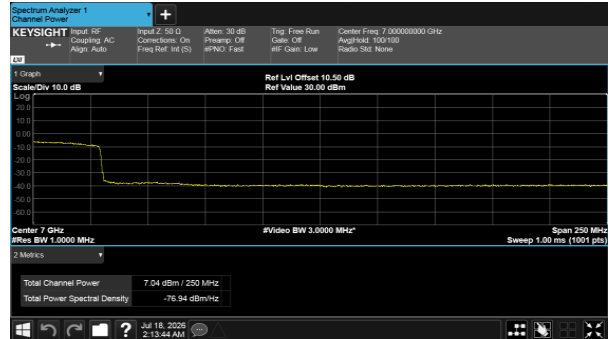
Modulation 802.11a

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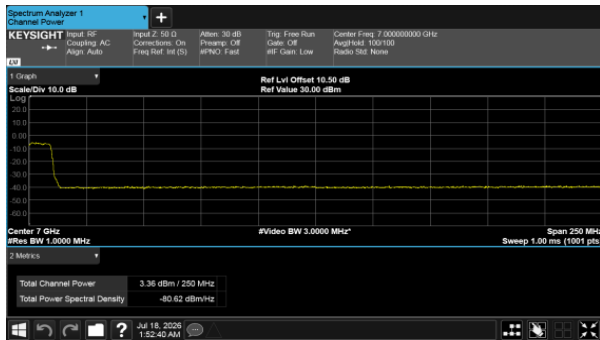
Modulation 802.11be EHT80

CH183



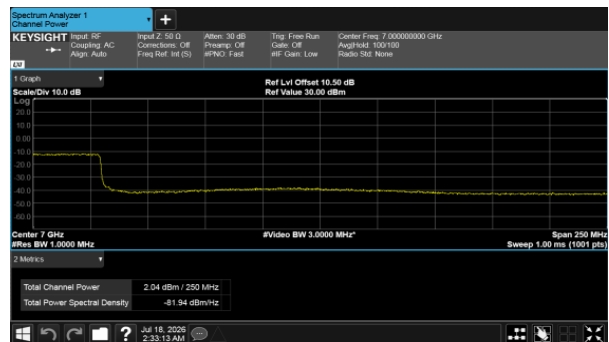
Modulation Type: 802.11be EHT20

CH185



Modulation Type: 802.11be EHT160

CH175



Modulation Type: 802.11be EHT40

CH187

