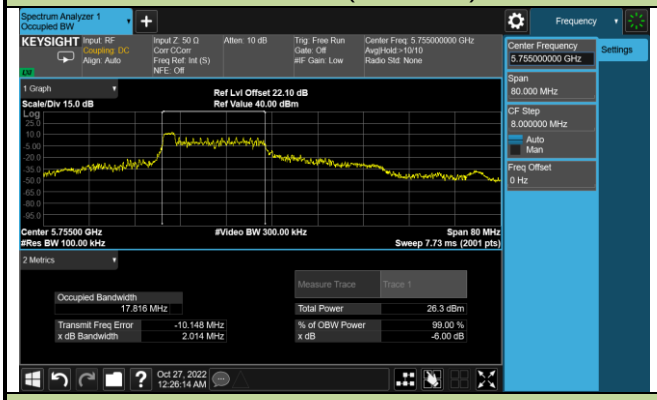
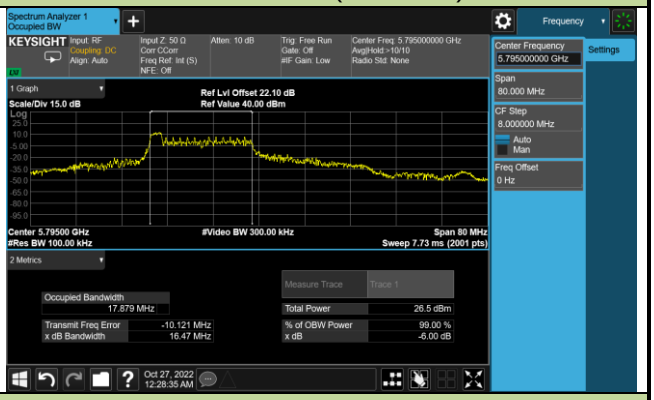
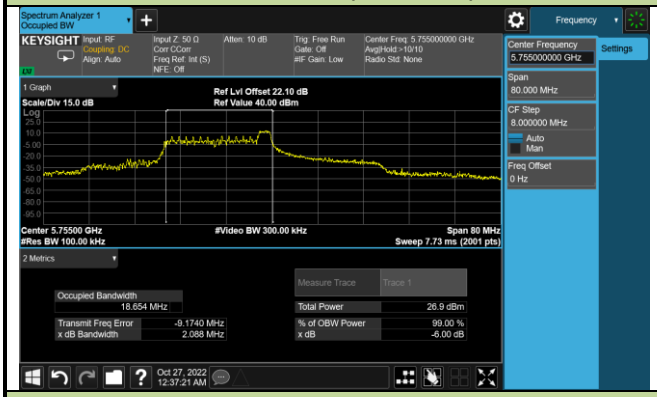
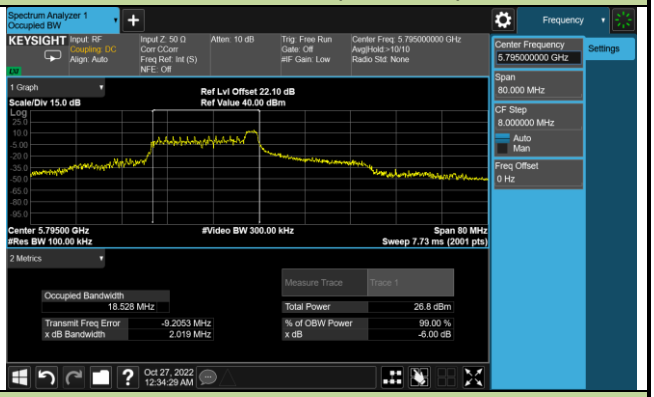
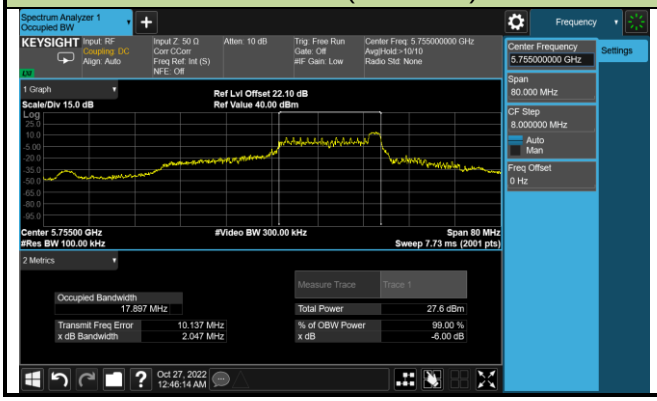
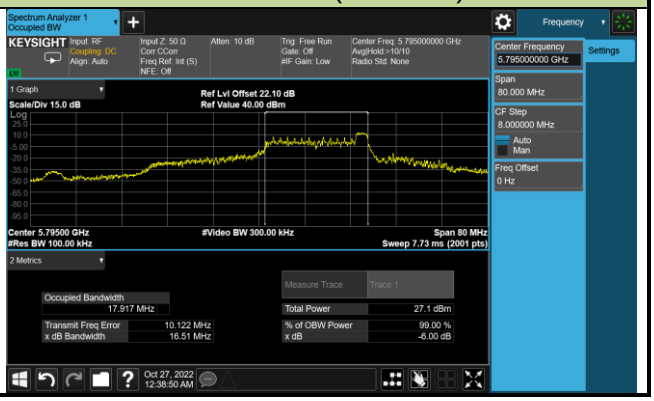
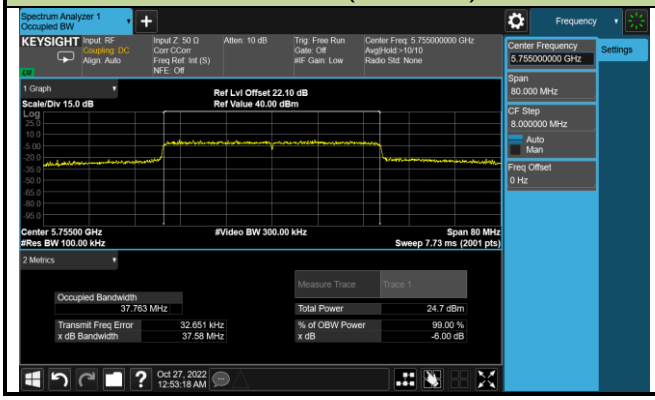
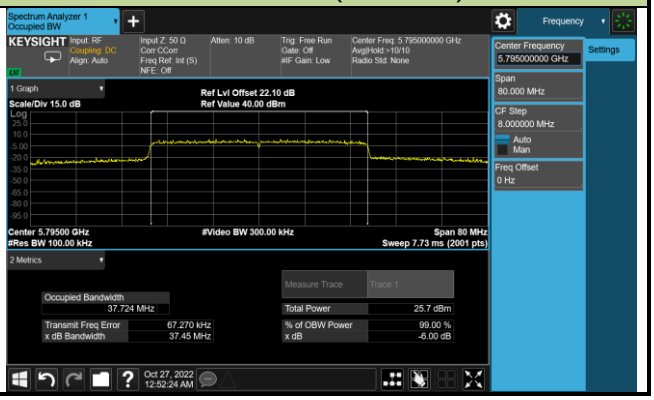
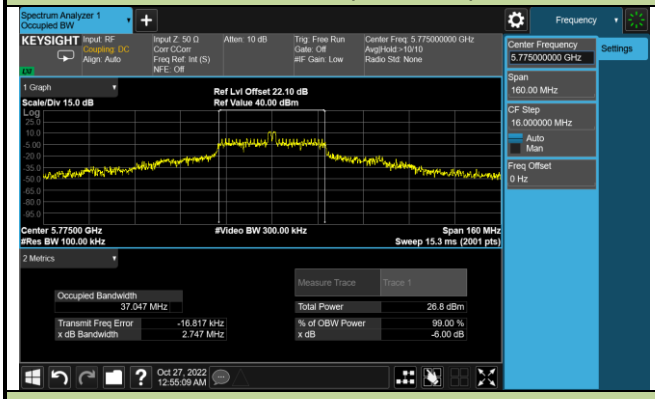
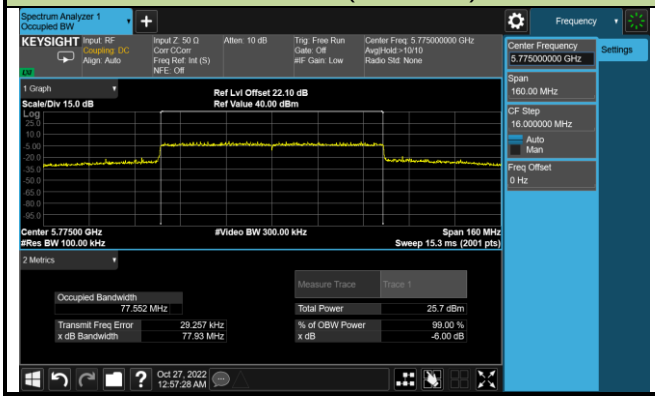
802.11ax-HE40 6dB Bandwidth – Ant 1 – 26 Tone RU 0	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE40 6dB Bandwidth – Ant 1 – 26 Tone RU 8	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE40 6dB Bandwidth – Ant 1 – 26 Tone RU 17	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE40 6dB Bandwidth – Ant 1 – 484 Tone RU 65	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 6dB Bandwidth – Ant 1 – 26 Tone RU 0	
Channel 155 (5775MHz)	
	
802.11ax-HE80 6dB Bandwidth – Ant 1 – 26 Tone RU 18	
Channel 155 (5775MHz)	
	
802.11ax-HE80 6dB Bandwidth – Ant 1 – 26 Tone RU 36	
Channel 155 (5775MHz)	
	

802.11ax-HE80 6dB Bandwidth – Ant 1 – 996 Tone RU 67	
Channel 155 (5775MHz)	
	

A.4 Output Power Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-09-28	Test Mode	SISO Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Average Power Limit (dBm)
				Ant 1	Ant 2	
11a	6Mbps	36	5180	17.84	15.46	≤ 23.98
11a	6Mbps	44	5220	18.01	17.80	≤ 23.98
11a	6Mbps	48	5240	18.09	17.87	≤ 23.98
11a	6Mbps	52	5260	18.12	17.89	≤ 23.98
11a	6Mbps	60	5300	18.18	17.63	≤ 23.98
11a	6Mbps	64	5320	17.82	16.97	≤ 23.98
11a	6Mbps	100	5500	17.73	16.26	≤ 23.98
11a	6Mbps	116	5580	18.33	18.10	≤ 23.98
11a	6Mbps	140	5700	11.46	15.51	≤ 23.98
11a	6Mbps	144	5720	18.36	17.73	≤ 23.63
11a	6Mbps	149	5745	18.51	17.93	≤ 30.00
11a	6Mbps	157	5785	18.27	17.97	≤ 30.00
11a	6Mbps	165	5825	18.25	17.82	≤ 30.00

Note: For 5720MHz, Average Power Limit =11+10*log(5+26dBc/2).

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-09-28	Test Mode	MIMO Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 1	Ant 2		
11ac-VHT20	MCS0	36	5180	16.48	12.52	17.95	≤ 23.98
11ac-VHT20	MCS0	44	5220	17.94	14.83	19.67	≤ 23.98
11ac-VHT20	MCS0	48	5240	17.78	14.74	19.53	≤ 23.98
11ac-VHT20	MCS0	52	5260	18.06	14.23	19.56	≤ 23.98
11ac-VHT20	MCS0	60	5300	18.05	14.27	19.57	≤ 23.98
11ac-VHT20	MCS0	64	5320	17.24	13.75	18.85	≤ 23.98
11ac-VHT20	MCS0	100	5500	13.64	11.72	15.80	≤ 23.98
11ac-VHT20	MCS0	116	5580	18.23	16.72	20.55	≤ 23.98
11ac-VHT20	MCS0	140	5700	12.74	10.48	14.77	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.17	16.21	20.31	≤ 23.77
11ac-VHT20	MCS0	149	5745	18.32	16.14	20.38	≤ 30.00
11ac-VHT20	MCS0	157	5785	18.02	16.26	20.24	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.03	16.28	20.25	≤ 30.00
11ac-VHT40	MCS0	38	5190	10.48	7.11	12.12	≤ 23.98
11ac-VHT40	MCS0	46	5230	16.49	12.63	17.99	≤ 23.98
11ac-VHT40	MCS0	54	5270	16.46	11.90	17.76	≤ 23.98
11ac-VHT40	MCS0	62	5310	12.11	7.21	13.33	≤ 23.98
11ac-VHT40	MCS0	102	5510	9.65	7.89	11.87	≤ 23.98
11ac-VHT40	MCS0	110	5550	16.25	14.76	18.58	≤ 23.98
11ac-VHT40	MCS0	134	5670	16.21	14.34	18.39	≤ 23.98
11ac-VHT40	MCS0	142	5710	16.12	14.28	18.31	≤ 23.98
11ac-VHT40	MCS0	151	5755	16.27	14.32	18.41	≤ 30.00
11ac-VHT40	MCS0	159	5795	16.34	14.58	18.56	≤ 30.00
11ac-VHT80	MCS0	42	5210	10.20	6.56	11.76	≤ 23.98
11ac-VHT80	MCS0	58	5290	10.56	6.30	11.94	≤ 23.98
11ac-VHT80	MCS0	106	5530	10.44	6.19	11.83	≤ 23.98
11ac-VHT80	MCS0	122	5610	16.12	14.19	18.27	≤ 23.98
11ac-VHT80	MCS0	138	5690	16.09	14.16	18.24	≤ 23.98
11ac-VHT80	MCS0	155	5775	15.90	14.26	18.17	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 1	Ant 2		
11ax-HE20	MCS0	36	5180	14.70	11.57	16.42	≤ 23.98
11ax-HE20	MCS0	44	5220	17.23	13.75	18.84	≤ 23.98
11ax-HE20	MCS0	48	5240	17.47	13.96	19.07	≤ 23.98
11ax-HE20	MCS0	52	5260	17.34	13.19	18.75	≤ 23.98
11ax-HE20	MCS0	60	5300	17.46	13.36	18.89	≤ 23.98
11ax-HE20	MCS0	64	5320	14.73	11.66	16.47	≤ 23.98
11ax-HE20	MCS0	100	5500	14.23	11.21	15.99	≤ 23.98
11ax-HE20	MCS0	116	5580	17.05	15.02	19.16	≤ 23.98
11ax-HE20	MCS0	140	5700	11.13	9.21	13.29	≤ 23.98
11ax-HE20	MCS0	144	5720	17.10	14.85	19.13	≤ 23.23
11ax-HE20	MCS0	149	5745	17.15	14.79	19.14	≤ 30.00
11ax-HE20	MCS0	157	5785	16.90	14.63	18.92	≤ 30.00
11ax-HE20	MCS0	165	5825	16.91	15.00	19.07	≤ 30.00
11ax-HE40	MCS0	38	5190	11.19	7.46	12.72	≤ 23.98
11ax-HE40	MCS0	46	5230	17.26	13.26	18.72	≤ 23.98
11ax-HE40	MCS0	54	5270	17.46	12.88	18.76	≤ 23.98
11ax-HE40	MCS0	62	5310	11.45	7.90	13.04	≤ 23.98
11ax-HE40	MCS0	102	5510	10.98	7.25	12.51	≤ 23.98
11ax-HE40	MCS0	110	5550	17.22	15.55	19.48	≤ 23.98
11ax-HE40	MCS0	134	5670	17.17	15.25	19.33	≤ 23.98
11ax-HE40	MCS0	142	5710	16.97	14.75	19.01	≤ 23.98
11ax-HE40	MCS0	151	5755	17.05	15.15	19.21	≤ 30.00
11ax-HE40	MCS0	159	5795	17.10	15.07	19.21	≤ 30.00
11ax-HE80	MCS0	42	5210	10.11	6.58	11.70	≤ 23.98
11ax-HE80	MCS0	58	5290	10.36	6.49	11.85	≤ 23.98
11ax-HE80	MCS0	106	5530	10.41	6.78	11.97	≤ 23.98
11ax-HE80	MCS0	122	5610	17.12	15.10	19.24	≤ 23.98
11ax-HE80	MCS0	138	5690	17.21	15.18	19.32	≤ 23.98
11ax-HE80	MCS0	155	5775	17.03	15.14	19.20	≤ 30.00

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)}\}$.

Note 2: For 5720MHz, Average Power Limit =11+10*log(5+26dBc/2).

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-10-23~2022-10-27	Test Mode	MIMO, Partial RU

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 1	Ant 2		
11ax-HE20	26 Tone	RU 0	36	5180	13.56	6.16	14.29	≤ 23.98
			44	5220	13.59	6.54	14.37	≤ 23.98
			48	5240	13.49	6.66	14.31	≤ 23.98
			52	5260	13.58	5.76	14.24	≤ 23.98
			60	5300	12.97	5.80	13.73	≤ 23.98
			64	5320	13.07	5.98	13.85	≤ 23.98
			100	5500	12.82	9.19	14.38	≤ 23.98
			116	5580	12.65	8.92	14.18	≤ 23.98
			140	5700	12.64	9.19	14.26	≤ 23.98
			144	5720	12.77	9.07	14.31	≤ 22.75
			149	5745	16.65	15.24	19.01	≤ 30.00
			157	5785	16.74	15.20	19.05	≤ 30.00
			165	5825	16.45	15.51	19.02	≤ 30.00
		RU 4	36	5180	14.49	7.46	15.28	≤ 23.98
			44	5220	14.40	7.85	15.27	≤ 23.98
			48	5240	14.19	7.93	15.11	≤ 23.98
			52	5260	14.06	6.70	14.79	≤ 23.98
			60	5300	14.17	6.83	14.91	≤ 23.98
			64	5320	14.42	7.43	15.21	≤ 23.98
			100	5500	13.84	10.13	15.38	≤ 23.98
			116	5580	13.83	9.81	15.28	≤ 23.98
			140	5700	13.16	9.95	14.86	≤ 23.98
			144	5720	13.09	9.50	14.67	≤ 22.64
			149	5745	16.90	14.99	19.06	≤ 30.00
			157	5785	16.70	15.32	19.07	≤ 30.00
			165	5825	16.56	15.37	19.02	≤ 30.00

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 1	Ant 2		
11ax-HE20	26 Tone	RU 8	36	5180	13.54	6.87	14.39	≤ 23.98
			44	5220	13.10	6.58	13.97	≤ 23.98
			48	5240	13.21	6.65	14.08	≤ 23.98
			52	5260	13.35	5.35	13.99	≤ 23.98
			60	5300	13.30	5.74	14.00	≤ 23.98
			64	5320	13.28	6.33	14.08	≤ 23.98
			100	5500	12.77	9.42	14.42	≤ 23.98
			116	5580	12.85	9.73	14.57	≤ 23.98
			140	5700	12.49	9.33	14.20	≤ 23.98
			144	5720	12.35	9.19	14.06	≤ 22.80
			149	5745	16.85	14.91	19.00	≤ 30.00
			157	5785	16.25	15.41	18.86	≤ 30.00
			165	5825	16.42	15.68	19.08	≤ 30.00
11ax-HE20	262 Tone	RU61	36	5180	16.26	10.47	17.28	≤ 23.98
			44	5220	17.19	14.08	18.92	≤ 23.98
			48	5240	17.13	13.45	18.68	≤ 23.98
			52	5260	17.26	13.38	18.75	≤ 23.98
			60	5300	16.91	13.49	18.54	≤ 23.98
			64	5320	16.71	9.56	17.48	≤ 23.98
			100	5500	16.59	13.12	18.20	≤ 23.98
			116	5580	16.50	15.51	19.04	≤ 23.98
			140	5700	14.32	10.61	15.86	≤ 23.98
			144	5720	16.60	15.58	19.13	≤ 23.95
			149	5745	16.61	15.44	19.07	≤ 30.00
			157	5785	16.80	15.12	19.05	≤ 30.00
			165	5825	16.47	15.67	19.10	≤ 30.00

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 1	Ant 2		
11ax-HE40	26 Tone	RU 0	38	5190	13.63	7.15	14.51	≤ 23.98
			46	5230	13.60	7.19	14.49	≤ 23.98
			54	5270	13.00	4.88	13.62	≤23.98
			62	5310	13.17	5.21	13.81	≤ 23.98
			102	5510	11.60	8.02	13.18	≤ 23.98
			110	5550	11.70	7.78	13.18	≤ 23.98
			134	5670	12.14	7.62	13.45	≤ 23.98
			142	5710	12.06	7.12	13.27	≤ 23.98
			151	5755	16.97	15.18	19.18	≤ 30.00
			159	5795	16.51	15.68	19.13	≤ 30.00
		RU 8	38	5190	13.27	5.09	13.88	≤ 23.98
			46	5230	13.26	4.84	13.84	≤ 23.98
			54	5270	13.01	4.29	13.56	≤23.98
			62	5310	12.86	4.38	13.44	≤ 23.98
			102	5510	12.24	8.20	13.68	≤ 23.98
			110	5550	12.36	8.54	13.87	≤ 23.98
			134	5670	11.90	7.98	13.38	≤ 23.98
			142	5710	11.71	8.12	13.29	≤ 23.98
			151	5755	16.65	15.23	19.01	≤ 30.00
			159	5795	16.71	15.01	18.95	≤ 30.00

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 1	Ant 2		
11ax-HE40	26 Tone	RU 17	38	5190	12.96	4.95	13.60	≤ 23.98
			46	5230	12.45	4.39	13.08	≤ 23.98
			54	5270	12.93	4.50	13.51	≤23.98
			62	5310	12.56	4.11	13.14	≤ 23.98
			102	5510	11.43	7.21	12.82	≤ 23.98
			110	5550	11.28	7.19	12.71	≤ 23.98
			134	5670	11.48	7.22	12.86	≤ 23.98
			142	5710	11.65	7.82	13.15	≤ 23.98
			151	5755	16.74	15.55	19.20	≤ 30.00
			159	5795	16.45	15.49	19.01	≤ 30.00
11ax-HE40	484 Tone	RU 65	38	5190	12.20	4.73	12.92	≤ 23.98
			46	5230	16.77	14.22	18.69	≤ 23.98
			54	5270	17.15	13.42	18.68	≤23.98
			62	5310	12.71	4.99	13.39	≤ 23.98
			102	5510	11.68	8.43	13.36	≤ 23.98
			110	5550	16.60	16.01	19.33	≤ 23.98
			134	5670	16.05	12.54	17.65	≤ 23.98
			142	5710	16.80	15.80	19.34	≤ 23.98
			151	5755	16.41	15.66	19.06	≤ 30.00
			159	5795	16.59	15.44	19.06	≤ 30.00

Test Mode	Tone	RU	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
					Ant 1	Ant 2		
11ax-HE80	26 Tone	RU 0	42	5210	10.51	3.47	11.29	≤ 23.98
			58	5290	10.98	3.88	11.75	≤ 23.98
			106	5530	12.12	7.91	13.52	≤ 23.98
			122	5610	11.93	7.73	13.33	≤ 23.98
			138	5690	11.64	7.57	13.08	≤ 23.98
			155	5775	16.64	15.24	19.01	≤ 30.00
		RU 18	42	5210	10.41	3.42	11.20	≤ 23.98
			58	5290	11.01	3.41	11.71	≤ 23.98
			106	5530	13.08	9.24	14.58	≤ 23.98
			122	5610	12.95	8.93	14.40	≤ 23.98
			138	5690	14.07	10.04	15.52	≤ 23.98
			155	5775	16.58	15.41	19.04	≤ 30.00
		RU 36	42	5210	10.80	3.54	11.55	≤ 23.98
			58	5290	10.55	3.44	11.32	≤ 23.98
			106	5530	12.07	8.27	13.58	≤ 23.98
			122	5610	11.83	7.87	13.30	≤ 23.98
			138	5690	12.17	8.50	13.72	≤ 23.98
			155	5775	16.54	15.55	19.08	≤ 30.00
11ax-HE80	996 Tone	RU 67	42	5210	10.56	3.42	11.33	≤ 23.98
			58	5290	10.47	4.01	11.35	≤ 23.98
			106	5530	11.73	8.06	13.28	≤ 23.98
			122	5610	16.70	15.68	19.23	≤ 23.98
			138	5690	16.80	15.70	19.30	≤ 23.98
			155	5775	16.57	15.62	19.13	≤ 30.00

A.5 Power Spectral Density Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-10-20	Test Mode	SISO Mode
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2A & UNII-2C)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)		PSD Limit (dBm/MHz)
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	36	5180	6.63	3.84	7.08	4.29	11.00
11a	6Mbps	44	5220	6.63	6.10	7.08	6.55	11.00
11a	6Mbps	48	5240	6.88	6.34	7.34	6.79	11.00
11a	6Mbps	52	5260	6.99	6.18	7.44	6.63	11.00
11a	6Mbps	60	5300	7.14	7.24	7.60	7.69	11.00
11a	6Mbps	64	5320	6.77	5.60	7.22	6.05	11.00
11a	6Mbps	100	5500	6.62	5.00	7.08	5.45	11.00
11a	6Mbps	116	5580	7.64	7.16	8.09	7.61	11.00
11a	6Mbps	140	5700	0.90	4.18	1.35	4.63	11.00
11a	6Mbps	144	5720	6.80	6.30	7.25	6.76	11.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = AVGPSD +10*log (1/Duty cycle).

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-10-20	Test Mode	SISO Mode
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)		Total PSD (dBm/ 510kHz)		PSD Limit (dBm/ 500kHz)
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	149	5745	4.57	3.54	5.03	4.00	30.00
11a	6Mbps	157	5785	4.45	3.67	4.90	4.12	30.00
11a	6Mbps	165	5825	4.47	3.44	4.93	3.89	30.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =AVGPSD (dBm/ 510kHz) +10*log (1/Duty cycle).

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-10-20	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2A & UNII-2C)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 1	Ant 2		
11ac-VHT20	MCS0	36	5180	5.16	1.75	7.64	11.00
11ac-VHT20	MCS0	44	5220	6.37	2.36	8.67	11.00
11ac-VHT20	MCS0	48	5240	6.24	2.08	8.50	11.00
11ac-VHT20	MCS0	52	5260	6.40	1.71	8.52	11.00
11ac-VHT20	MCS0	60	5300	6.58	2.09	8.75	11.00
11ac-VHT20	MCS0	64	5320	6.44	2.08	8.64	11.00
11ac-VHT20	MCS0	100	5500	2.26	0.26	5.23	11.00
11ac-VHT20	MCS0	116	5580	7.08	4.13	9.71	11.00
11ac-VHT20	MCS0	140	5700	1.57	-1.18	4.27	11.00
11ac-VHT20	MCS0	144	5720	6.68	4.98	9.78	11.00
11ac-VHT40	MCS0	38	5190	-4.81	-9.71	-2.06	11.00
11ac-VHT40	MCS0	46	5230	0.67	-3.70	3.56	11.00
11ac-VHT40	MCS0	54	5270	0.76	-5.76	3.17	11.00
11ac-VHT40	MCS0	62	5310	-3.37	-9.19	-0.82	11.00
11ac-VHT40	MCS0	102	5510	-5.67	-8.06	-2.16	11.00
11ac-VHT40	MCS0	110	5550	0.55	-1.80	4.08	11.00
11ac-VHT40	MCS0	134	5670	0.24	-2.75	3.54	11.00
11ac-VHT40	MCS0	142	5710	0.28	-2.96	3.50	11.00
11ac-VHT80	MCS0	42	5210	-8.34	-13.97	-4.73	11.00
11ac-VHT80	MCS0	58	5290	-7.76	-13.80	-4.24	11.00
11ac-VHT80	MCS0	106	5530	-8.10	-11.35	-3.86	11.00
11ac-VHT80	MCS0	122	5610	-3.24	-6.59	0.97	11.00
11ac-VHT80	MCS0	138	5690	-3.19	-6.49	1.03	11.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 1	Ant 2		
11ax-HE20	MCS0	36	5180	-0.58	-5.10	4.84	11.00
11ax-HE20	MCS0	44	5220	1.13	-4.33	6.32	11.00
11ax-HE20	MCS0	48	5240	1.35	-4.54	6.45	11.00
11ax-HE20	MCS0	52	5260	1.43	-5.15	6.40	11.00
11ax-HE20	MCS0	60	5300	1.09	-4.77	6.20	11.00
11ax-HE20	MCS0	64	5320	-0.30	-6.44	4.75	11.00
11ax-HE20	MCS0	100	5500	-1.50	-5.14	4.17	11.00
11ax-HE20	MCS0	116	5580	1.55	-2.90	6.99	11.00
11ax-HE20	MCS0	140	5700	-3.60	-7.39	2.02	11.00
11ax-HE20	MCS0	144	5720	1.27	-2.33	6.95	11.00
11ax-HE40	MCS0	38	5190	-5.27	-10.64	-2.43	11.00
11ax-HE40	MCS0	46	5230	0.73	-4.68	3.56	11.00
11ax-HE40	MCS0	54	5270	0.89	-5.04	3.60	11.00
11ax-HE40	MCS0	62	5310	-4.35	-10.59	-1.70	11.00
11ax-HE40	MCS0	102	5510	-6.22	-10.14	-3.02	11.00
11ax-HE40	MCS0	110	5550	0.94	-2.42	4.31	11.00
11ax-HE40	MCS0	134	5670	0.65	-2.53	4.08	11.00
11ax-HE40	MCS0	142	5710	0.80	-2.97	4.05	11.00
11ax-HE80	MCS0	42	5210	-9.37	-14.51	-5.60	11.00
11ax-HE80	MCS0	58	5290	-8.73	-14.51	-5.09	11.00
11ax-HE80	MCS0	106	5530	-9.11	-11.93	-4.67	11.00
11ax-HE80	MCS0	122	5610	-2.96	-6.01	1.40	11.00
11ax-HE80	MCS0	138	5690	-2.91	-5.73	1.53	11.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$}
+10*log (1/Duty cycle).

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022-10-20	Test Mode	MIMO Mode
Test Item	Power Spectral Density (UNII-Band 3)		

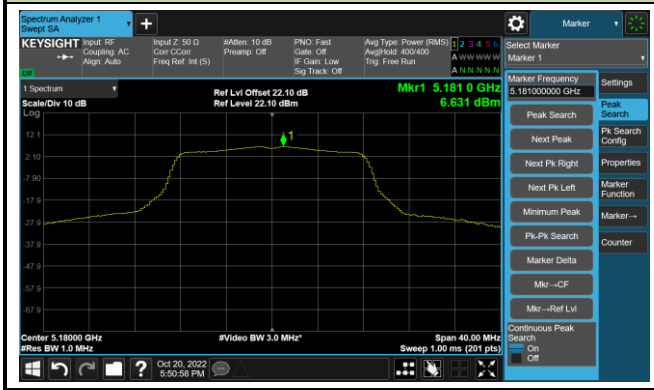
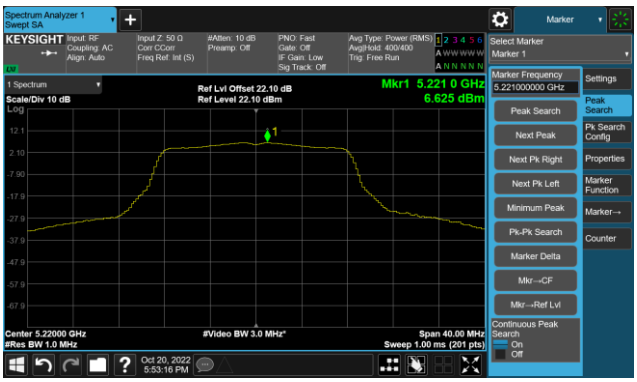
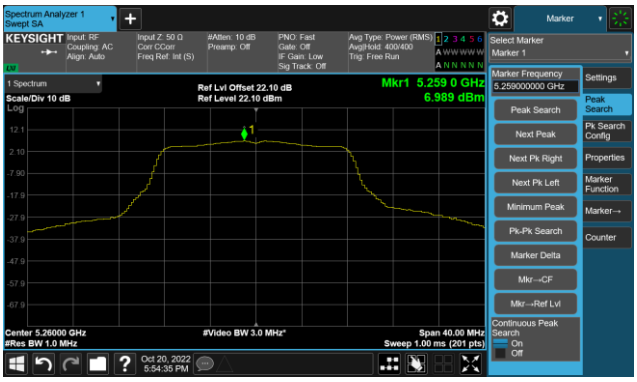
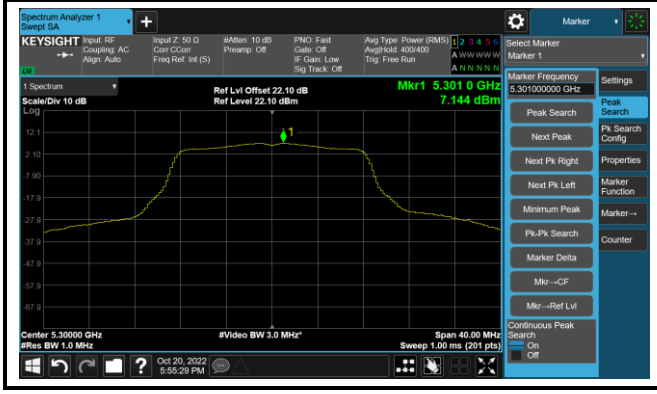
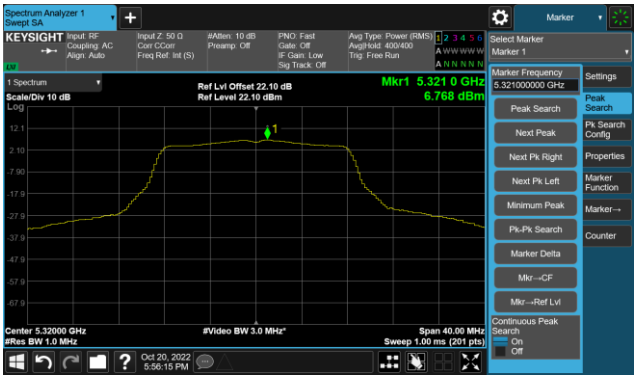
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)		Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 1	Ant 2		
11ac-VHT20	MCS0	149	5745	4.42	2.19	7.31	30.00
11ac-VHT20	MCS0	157	5785	3.70	2.55	7.02	30.00
11ac-VHT20	MCS0	165	5825	3.82	1.68	6.74	30.00
11ac-VHT40	MCS0	151	5755	-2.41	-5.11	0.99	30.00
11ac-VHT40	MCS0	159	5795	-2.15	-4.60	1.34	30.00
11ac-VHT80	MCS0	155	5775	-6.54	-8.69	-1.91	30.00
11ax-HE20	MCS0	149	5745	-1.43	-4.10	4.55	30.00
11ax-HE20	MCS0	157	5785	-1.29	-4.43	4.53	30.00
11ax-HE20	MCS0	165	5825	-1.24	-3.18	5.02	30.00
11ax-HE40	MCS0	151	5755	-2.07	-4.79	1.52	30.00
11ax-HE40	MCS0	159	5795	-2.07	-4.16	1.75	30.00
11ax-HE80	MCS0	155	5775	-5.57	-7.83	-0.93	30.00

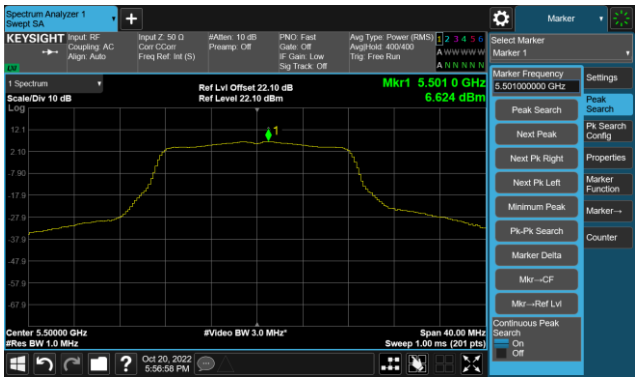
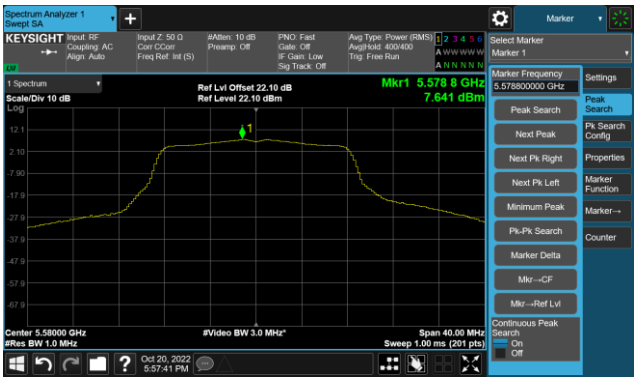
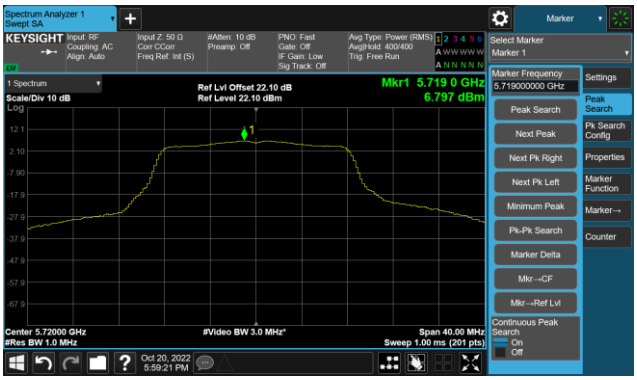
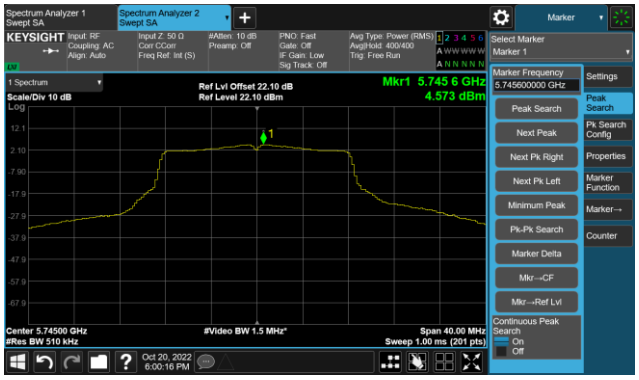
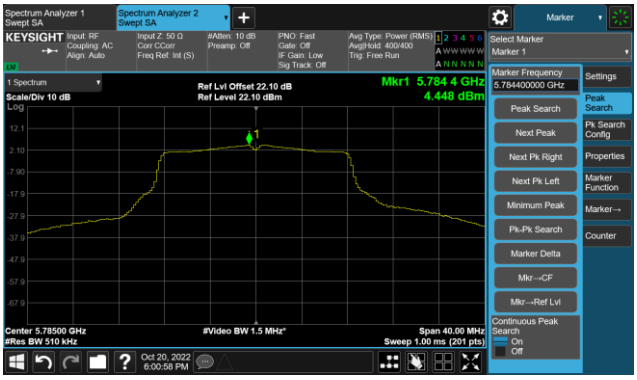
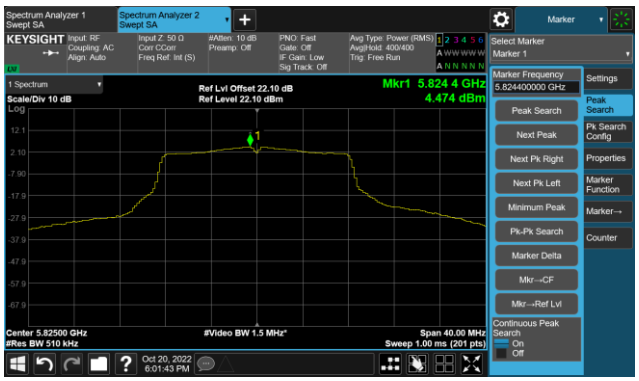
Note:

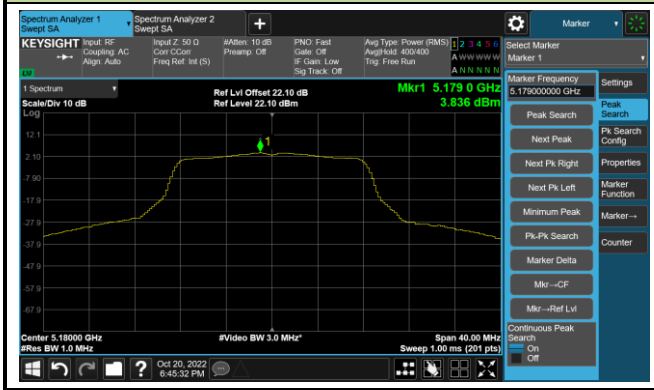
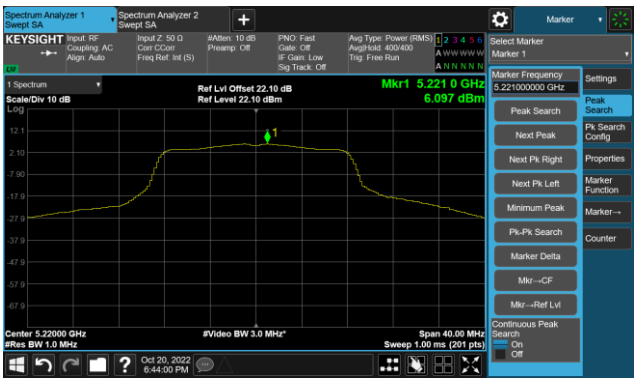
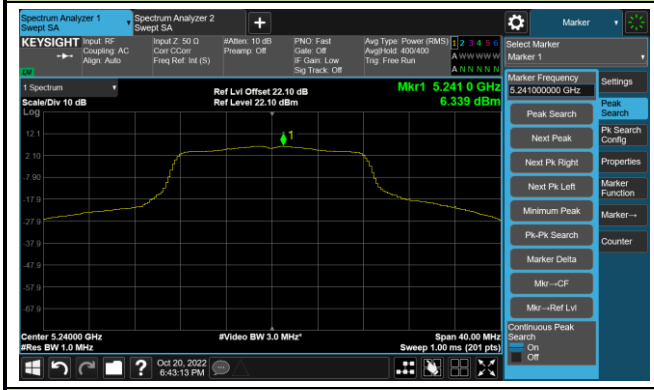
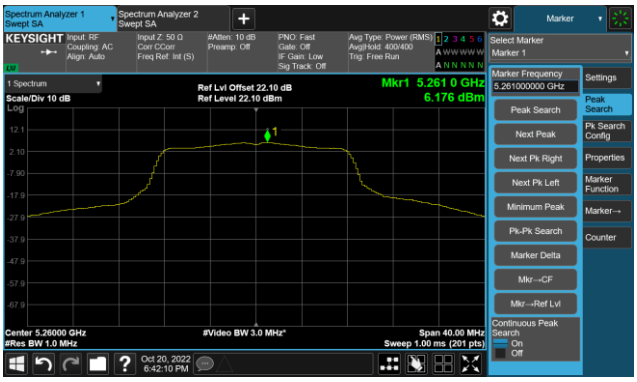
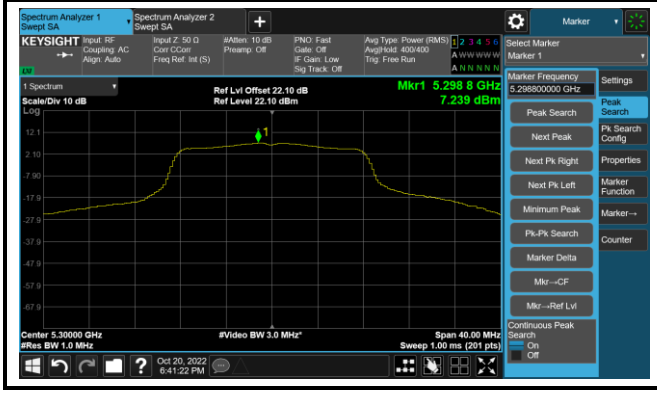
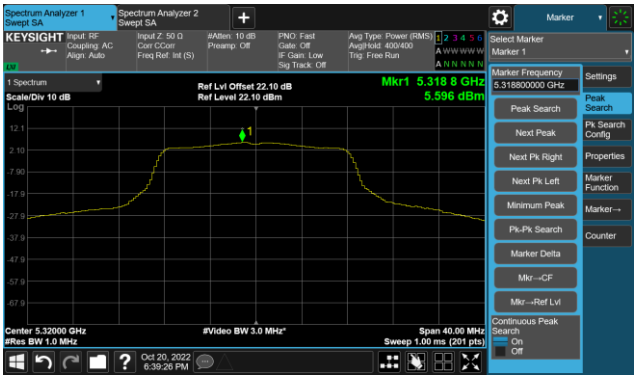
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$}

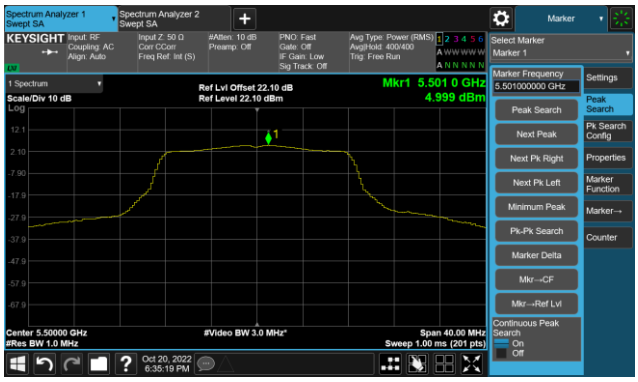
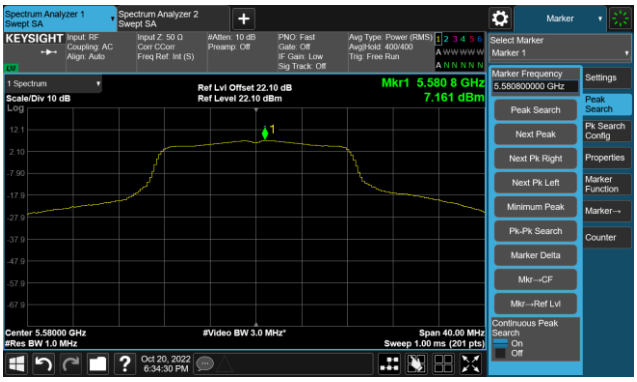
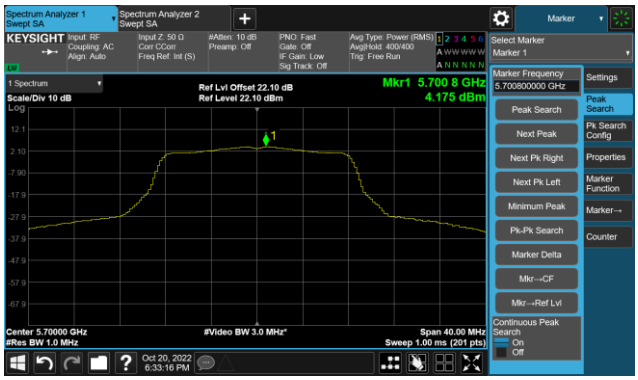
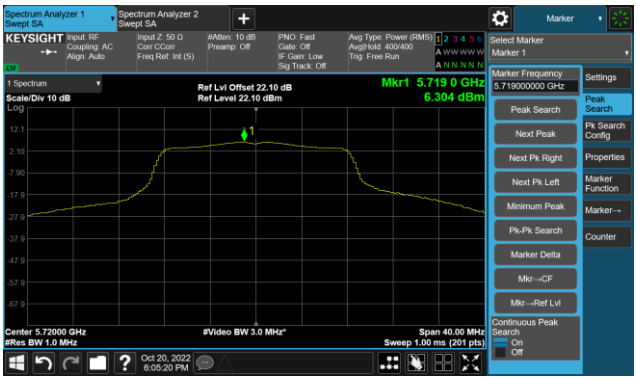
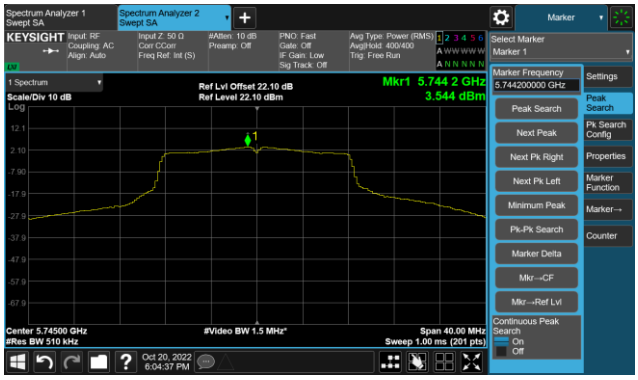
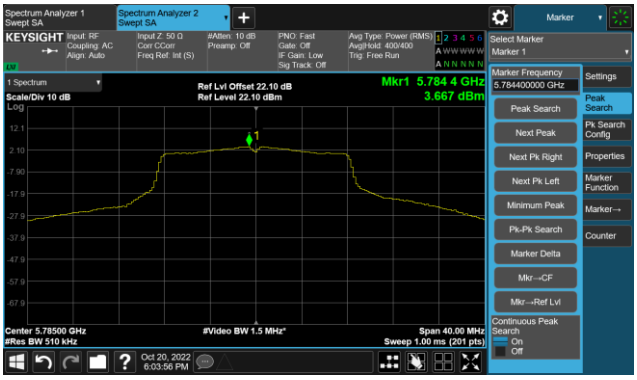
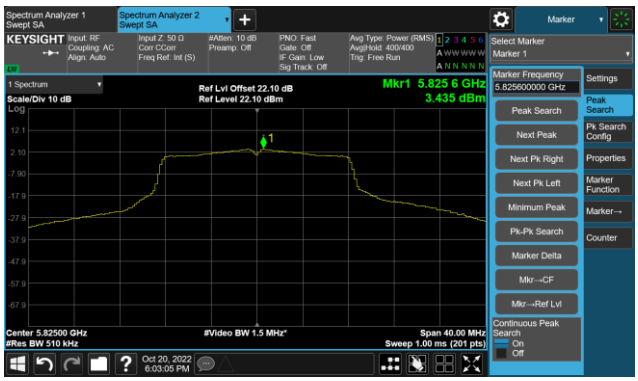
+10*log (1/Duty cycle).

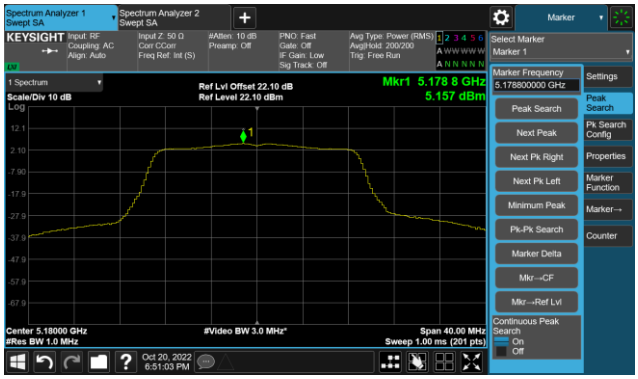
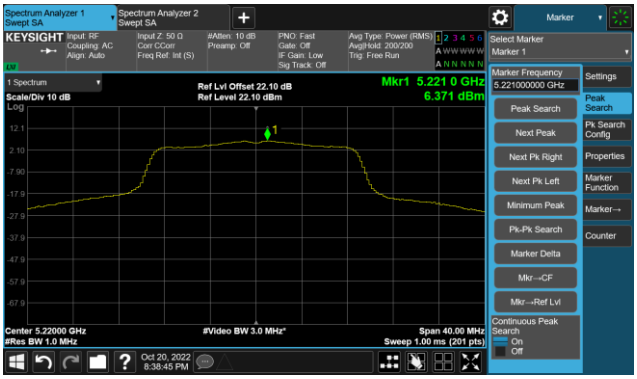
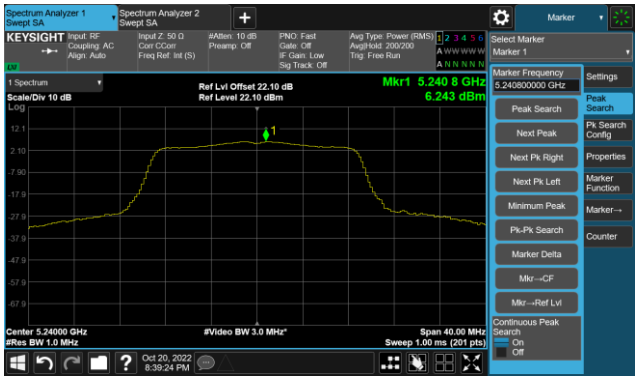
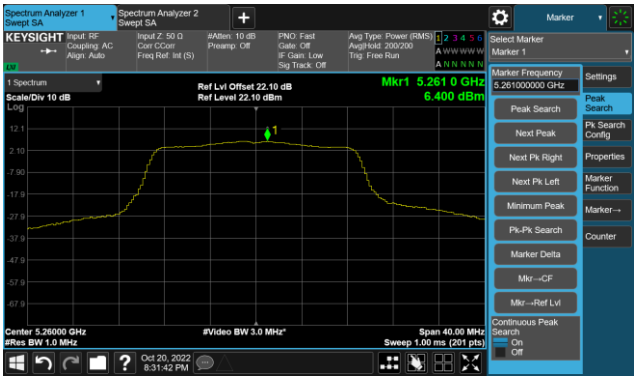
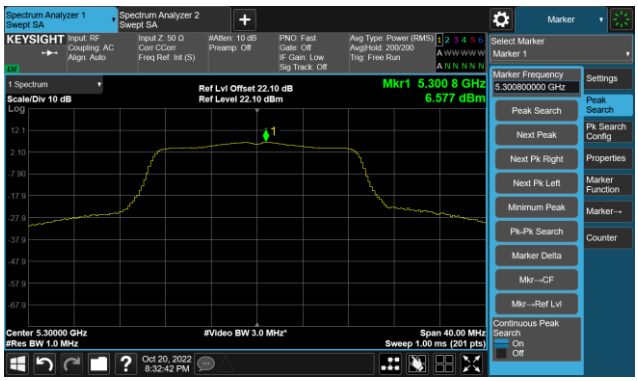
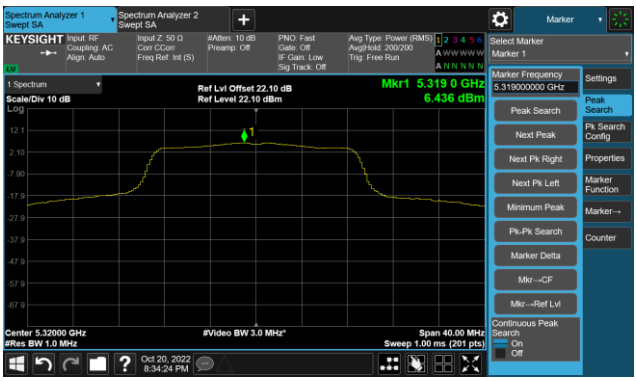
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 1 AVGPSD}/10)}$ + $10^{(\text{Ant 2 AVGPSD}/10)}$}.

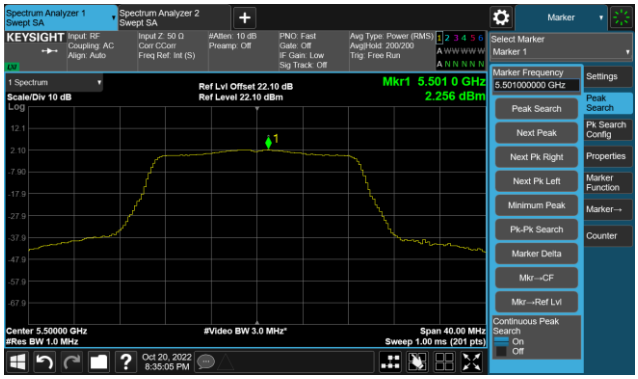
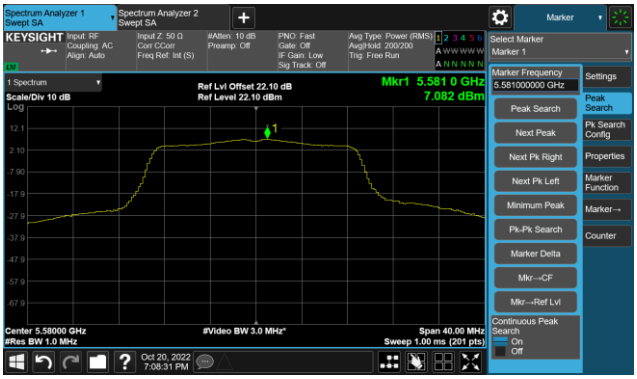
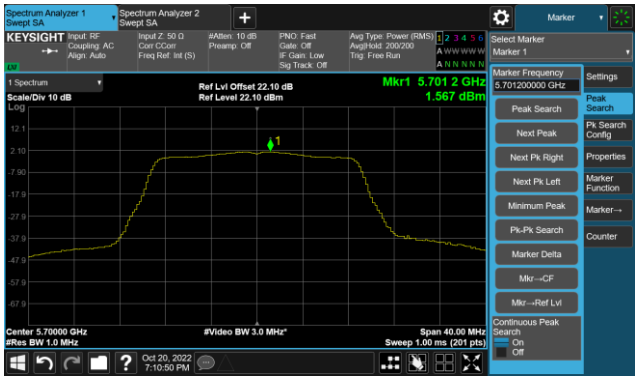
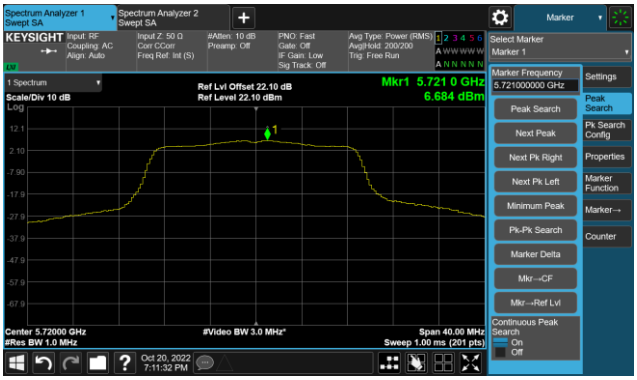
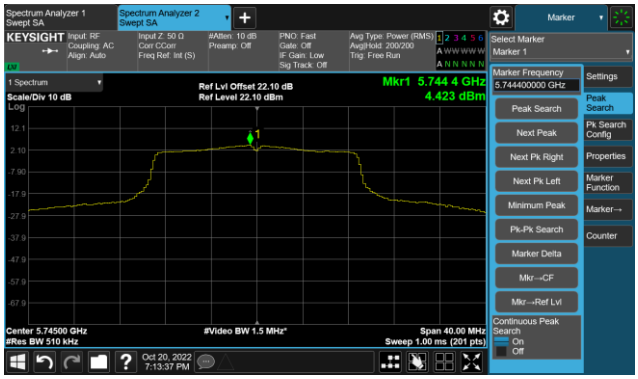
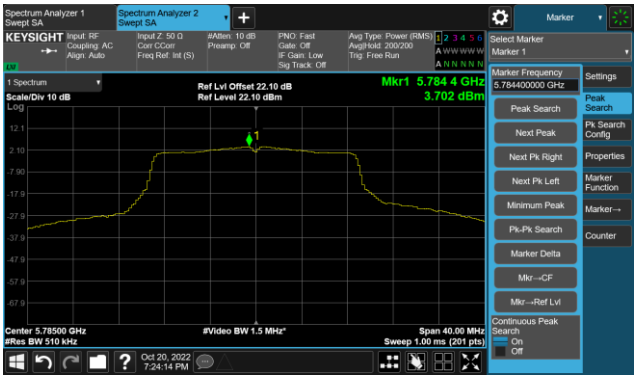
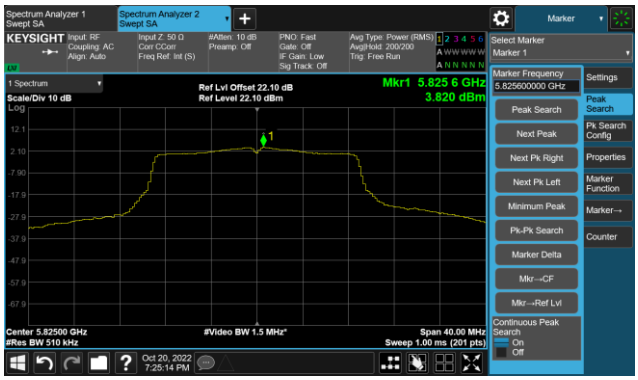
802.11a Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

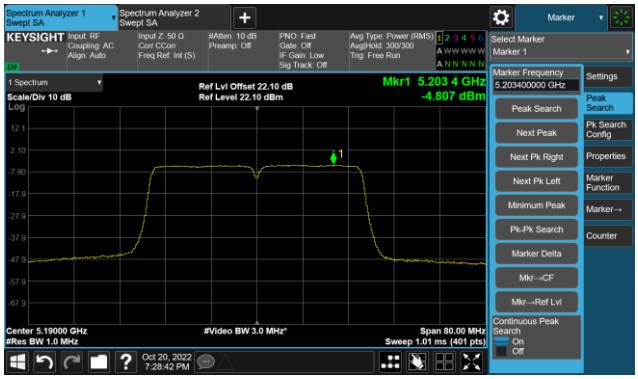
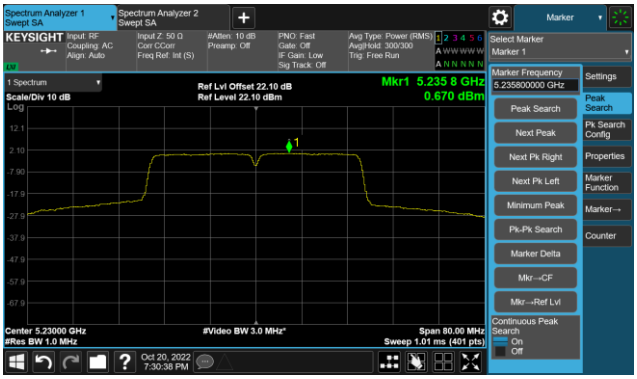
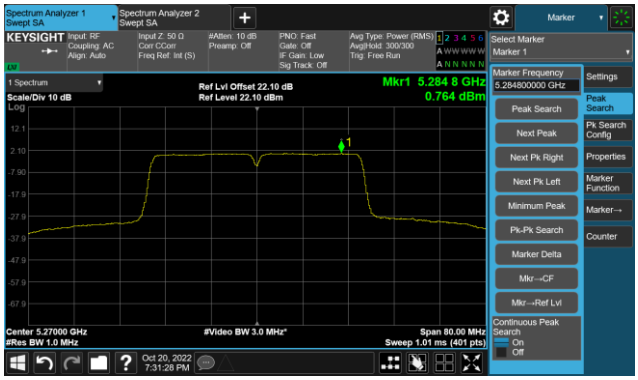
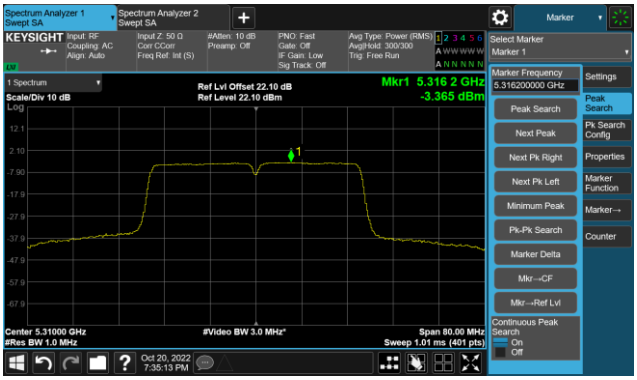
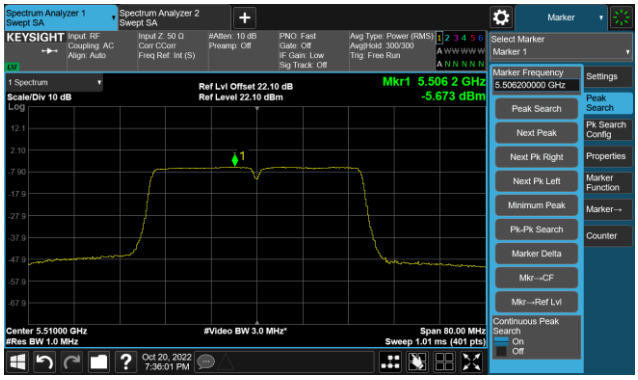
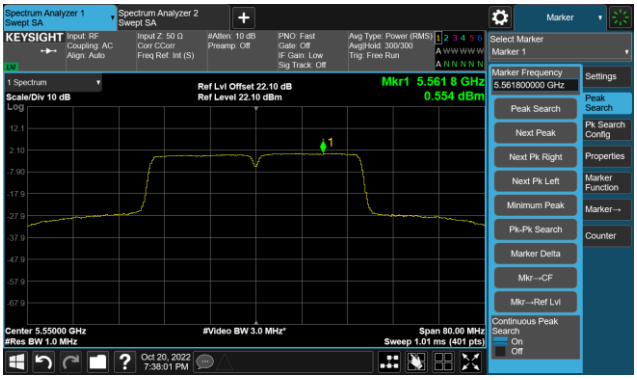
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144(5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157(5785MHz)**
	
Channel 165 (5825MHz)	
	

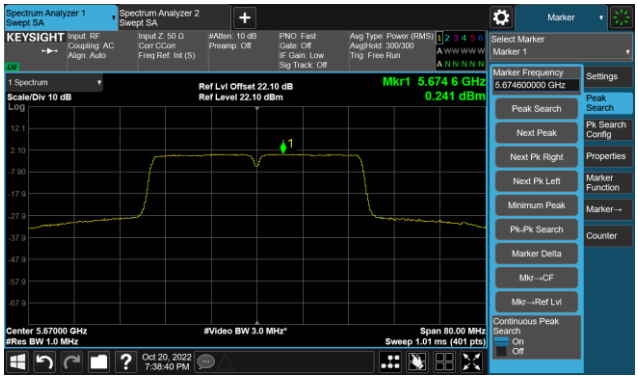
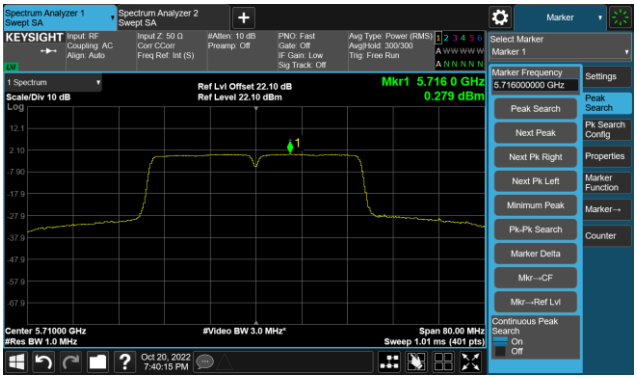
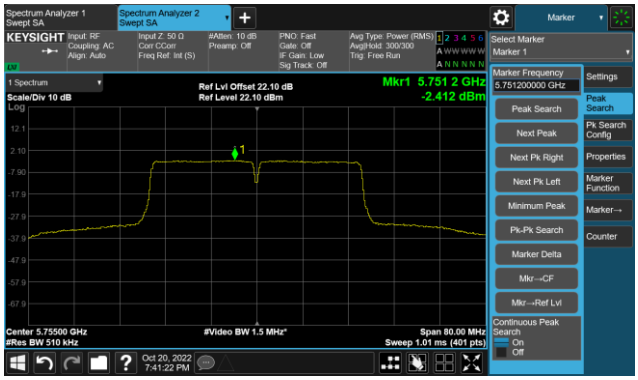
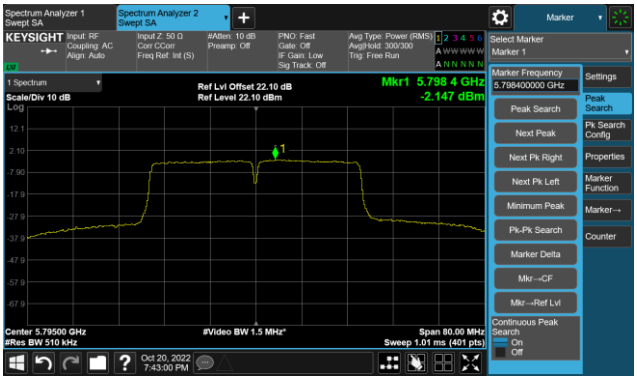
802.11a Power Spectral Density - Ant 2	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

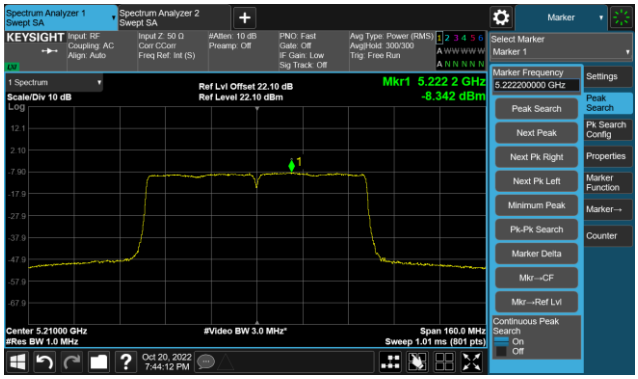
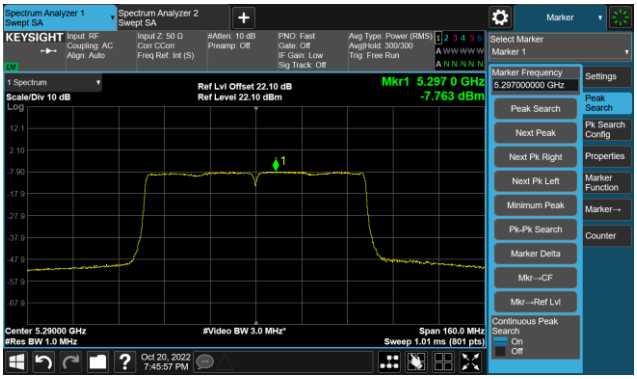
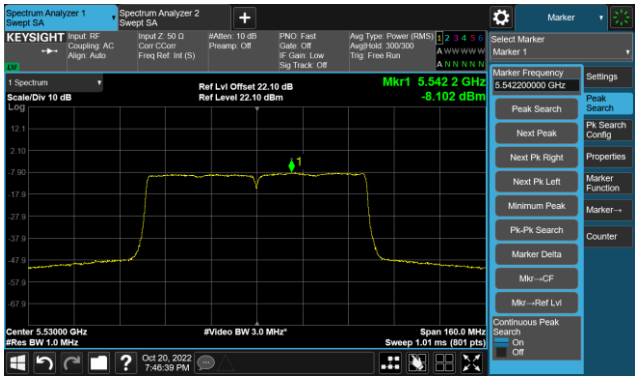
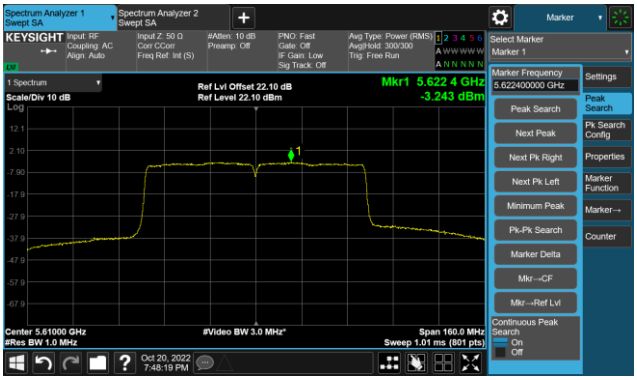
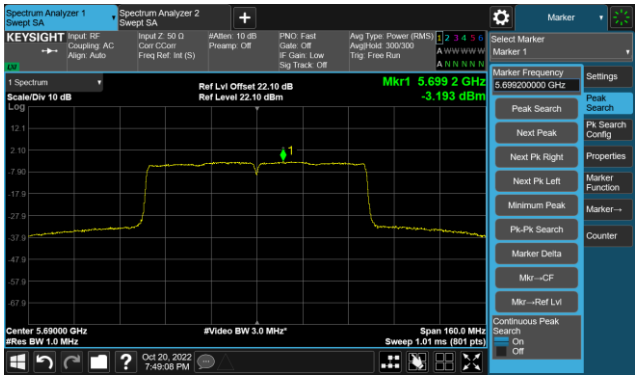
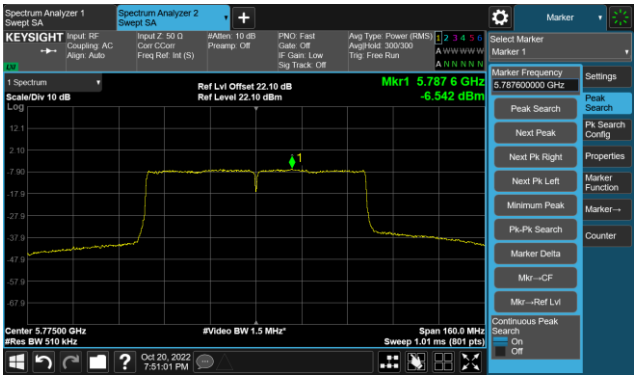
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144(5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157(5785MHz)**
	
Channel 165 (5825MHz)	
	

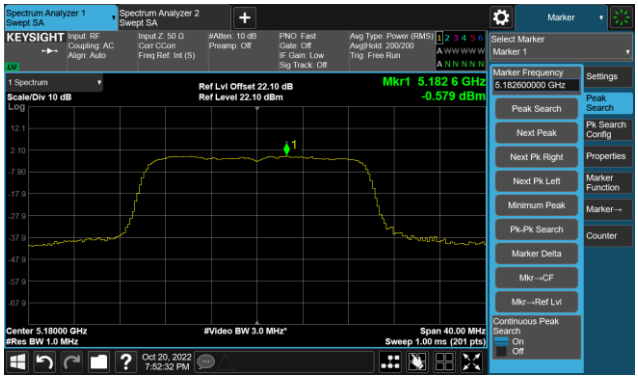
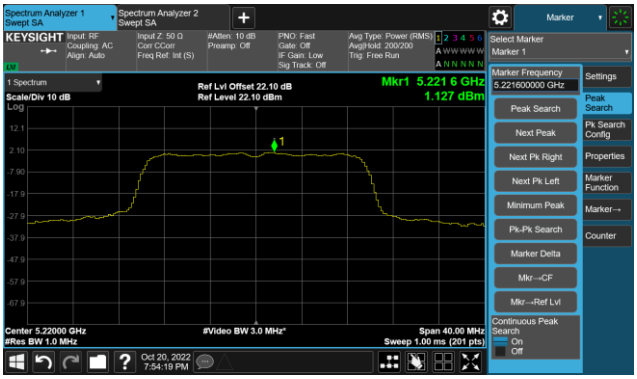
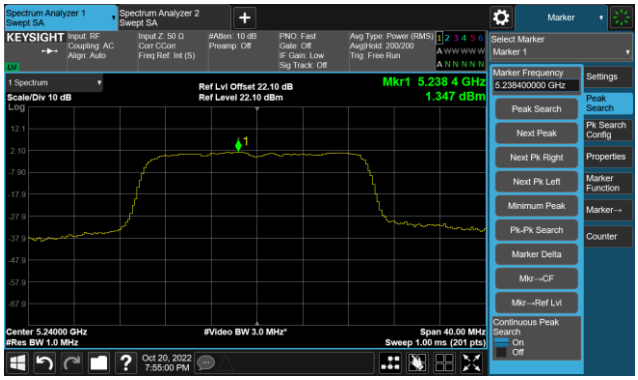
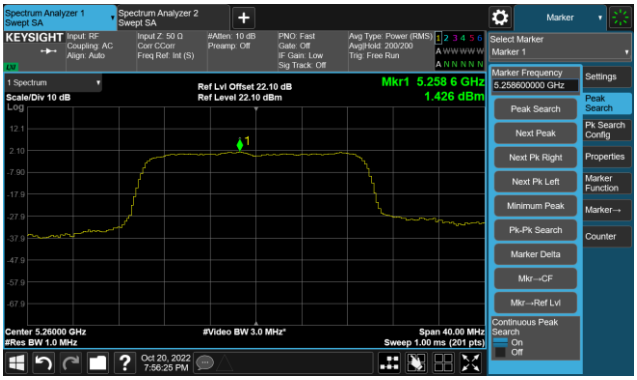
802.11ac-VHT20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

802.11ac-VHT20 Power Spectral Density - Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157(5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

802.11ac-VHT40 Power Spectral Density - Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159(5795MHz)
	

802.11ac-VHT80 Power Spectral Density - Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)