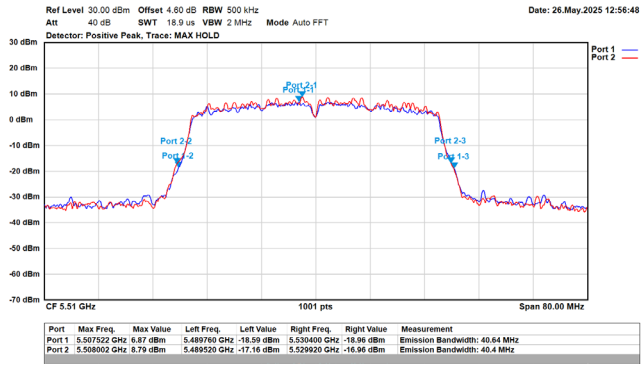
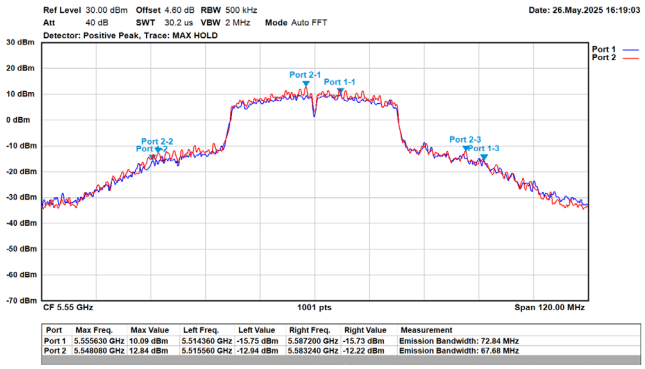
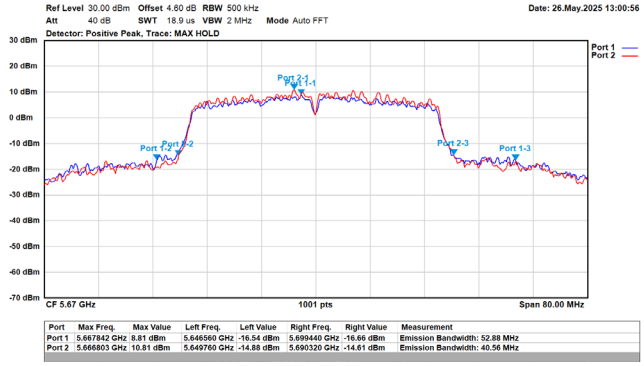
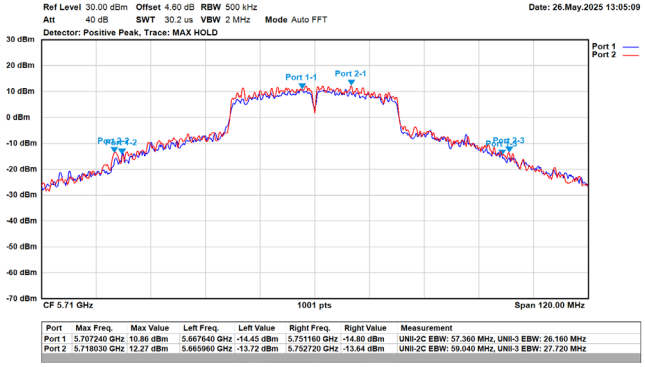
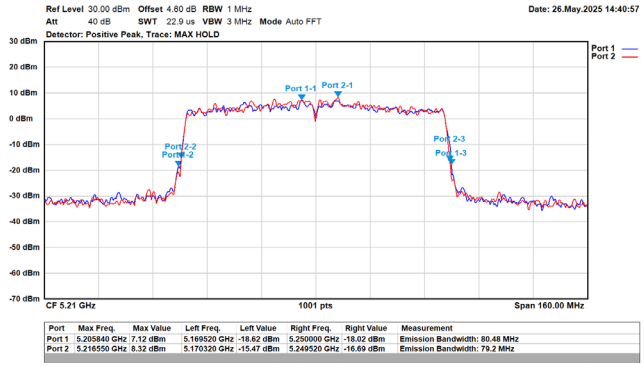
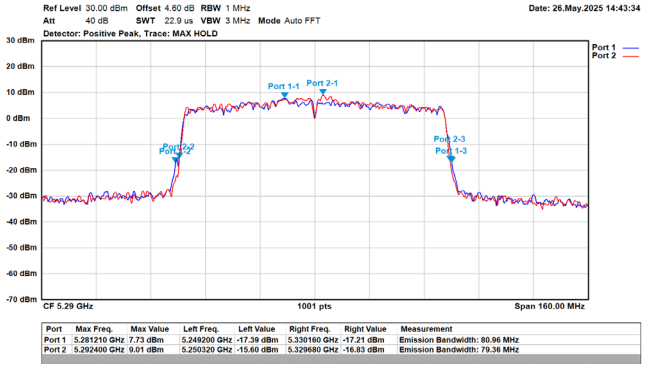
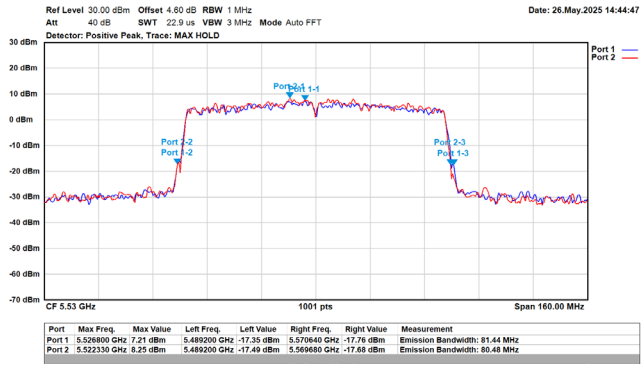
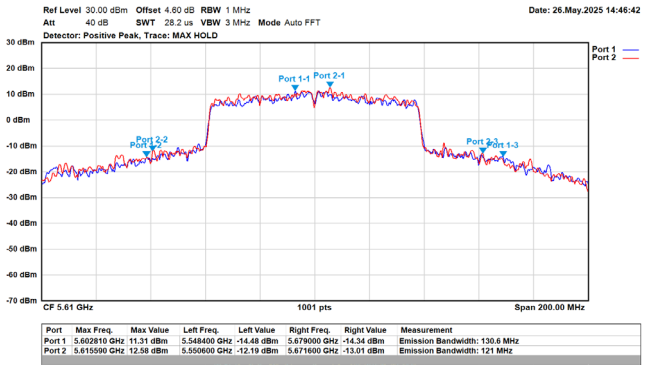
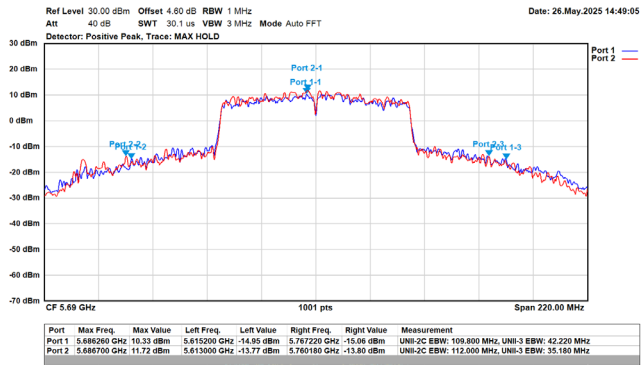
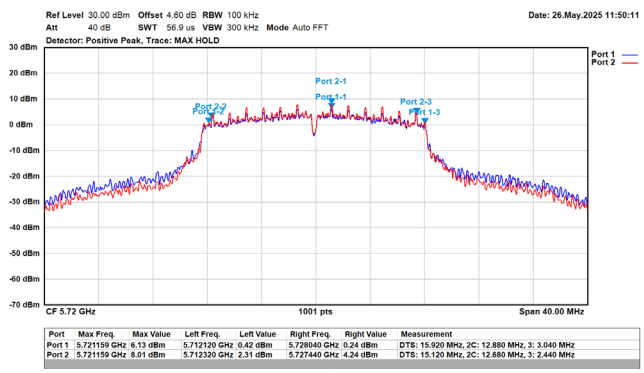
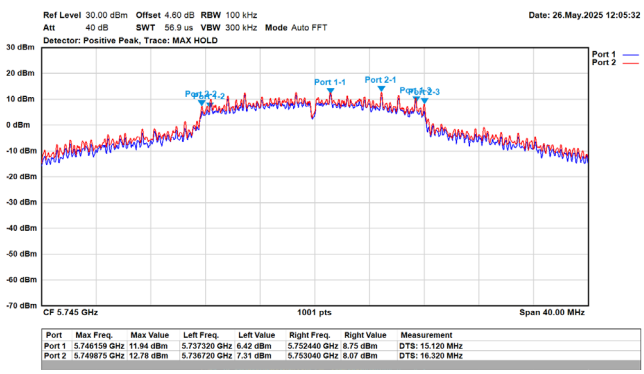
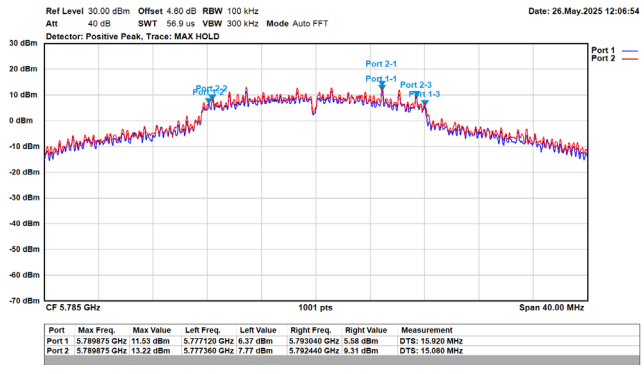
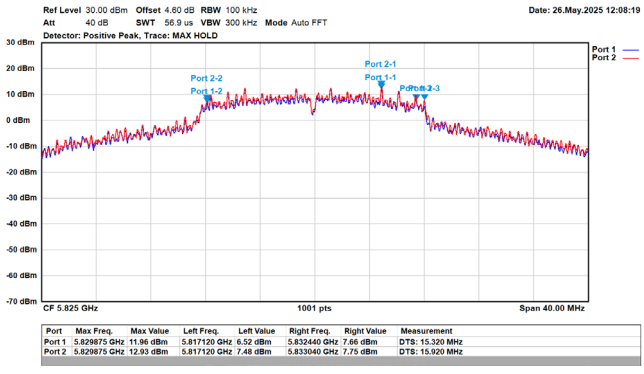
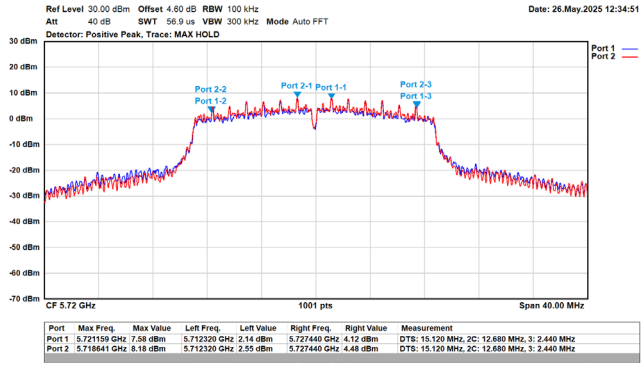
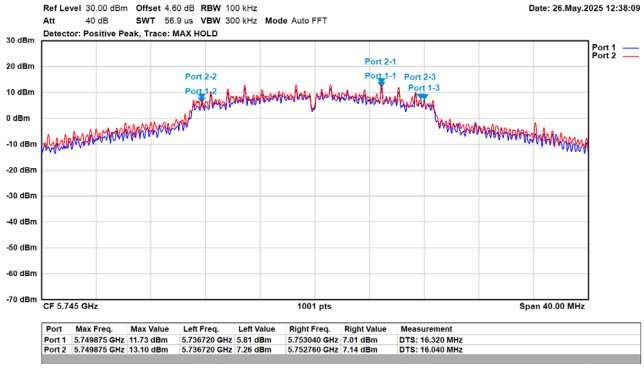
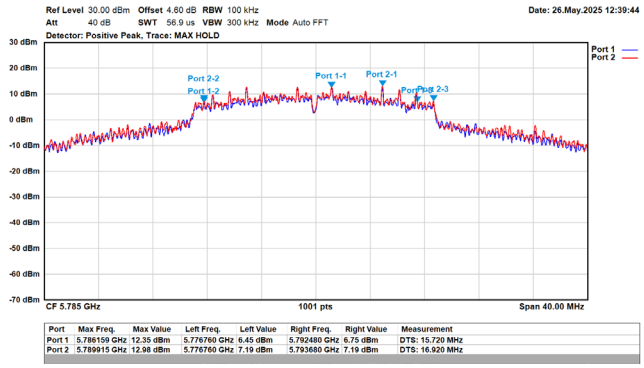
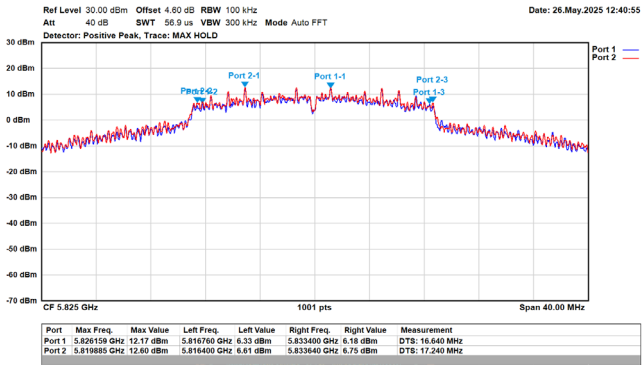
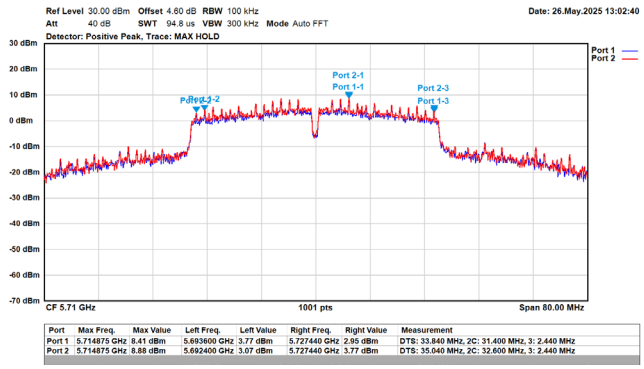
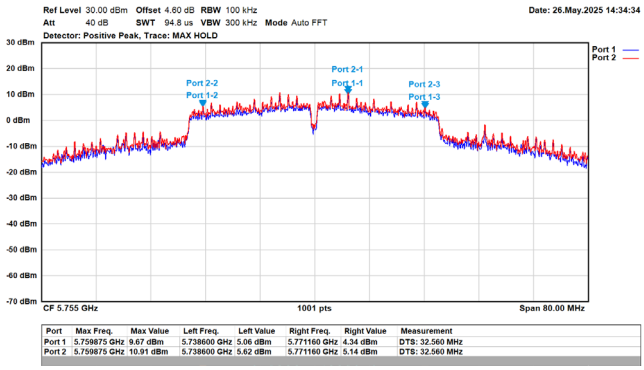
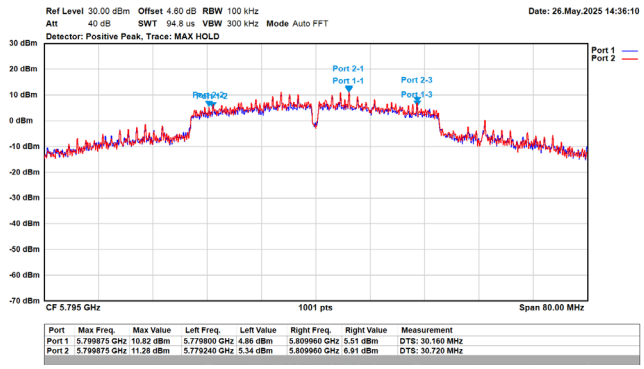
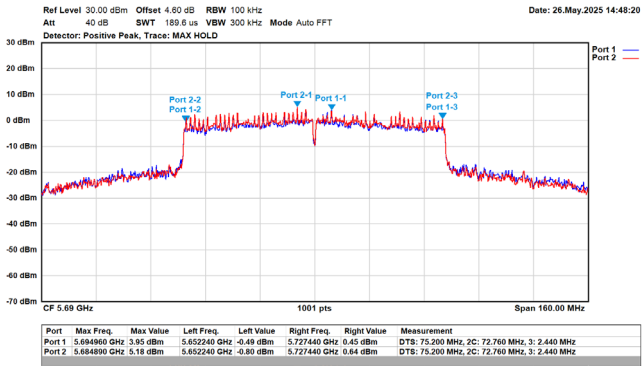
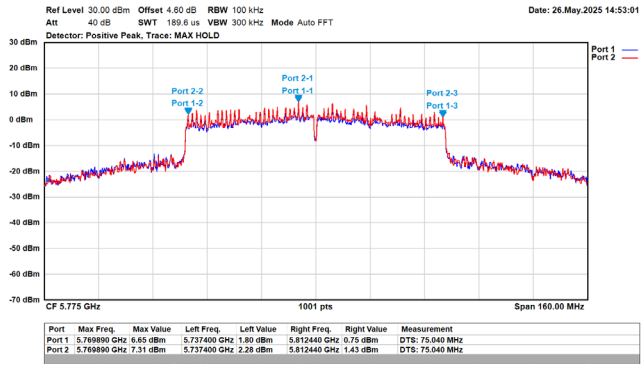
Spectrum plot of worst value	
802.11ac (40 MHz) / 5510 MHz	802.11ac (40 MHz) / 5550 MHz
	
802.11ac (40 MHz) / 5670 MHz	802.11ac (40 MHz) / 5710 MHz
	
802.11ac (80 MHz) / 5210 MHz	802.11ac (80 MHz) / 5290 MHz
	

Spectrum plot of worst value	
802.11ac (80 MHz) / 5530 MHz	802.11ac (80 MHz) / 5610 MHz
	
802.11ac (40 MHz) / 5690 MHz	-
	-

For DTS Bandwidth:

Spectrum plot of worst value	
802.11a / 5720 MHz	802.11a / 5745 MHz
	
802.11a / 5785 MHz	802.11a / 5825 MHz
	
802.11ac (20 MHz) / 5720 MHz	802.11ac (20 MHz) / 5745 MHz
	

Spectrum plot of worst value	
802.11ac (20 MHz) / 5785 MHz	802.11ac (20 MHz) / 5825 MHz
	
802.11ac (40 MHz) / 5710 MHz	802.11ac (40 MHz) / 5755 MHz
	
802.11ac (40 MHz) / 5795 MHz	802.11ac (80 MHz) / 5690 MHz
	

Spectrum plot of worst value	
802.11ac (80 MHz) / 5775 MHz	-
	-

Appendix C. Test Result of Maximum Conducted Output Power

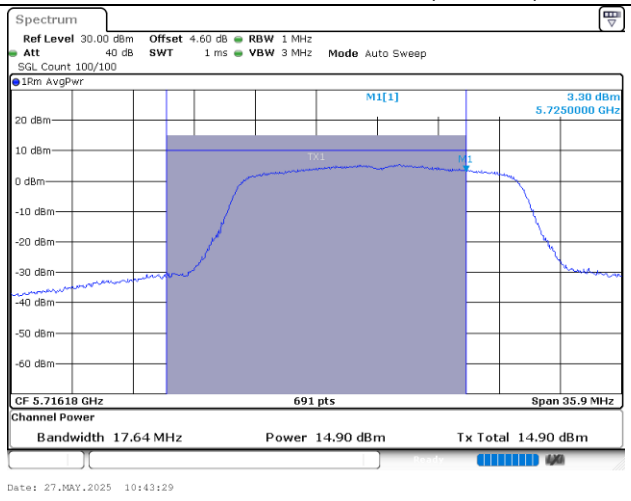
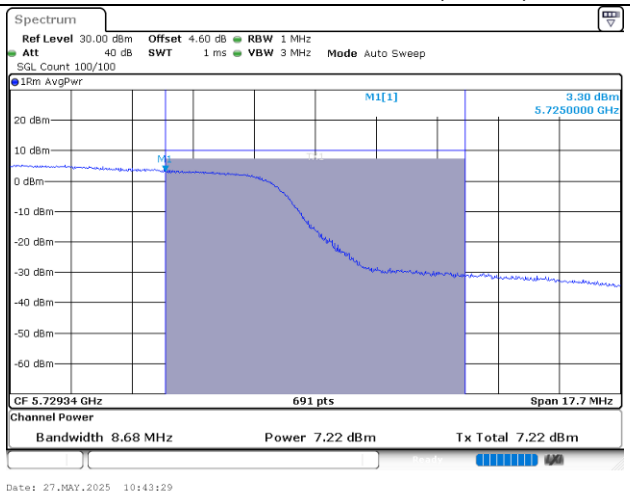
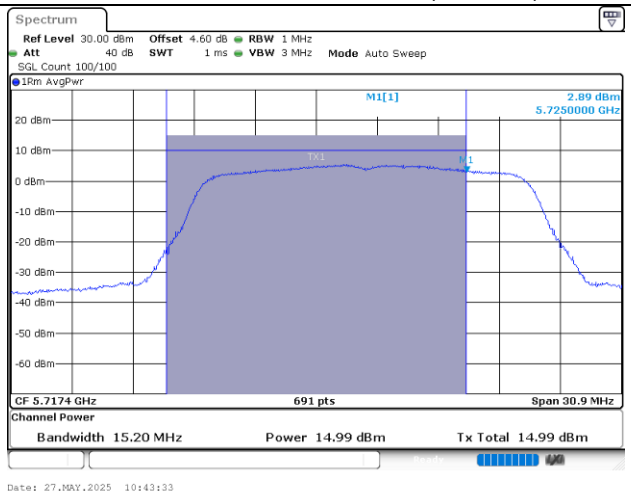
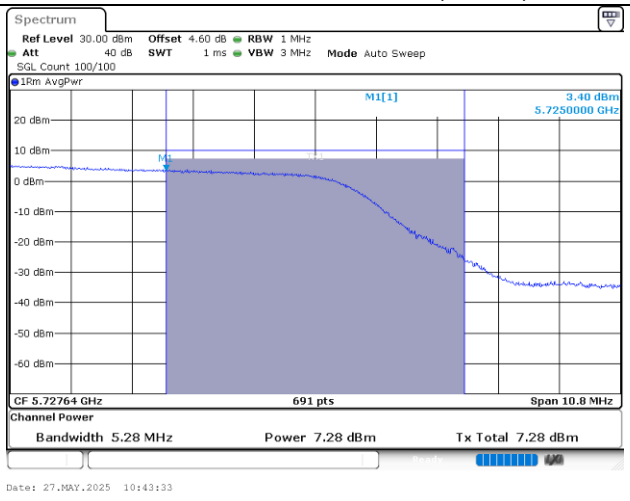
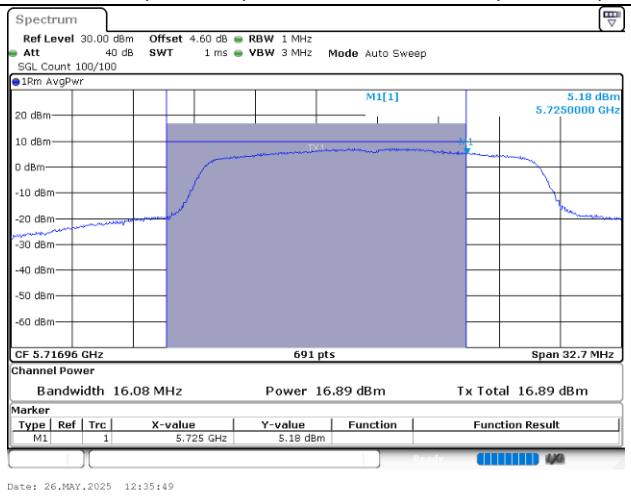
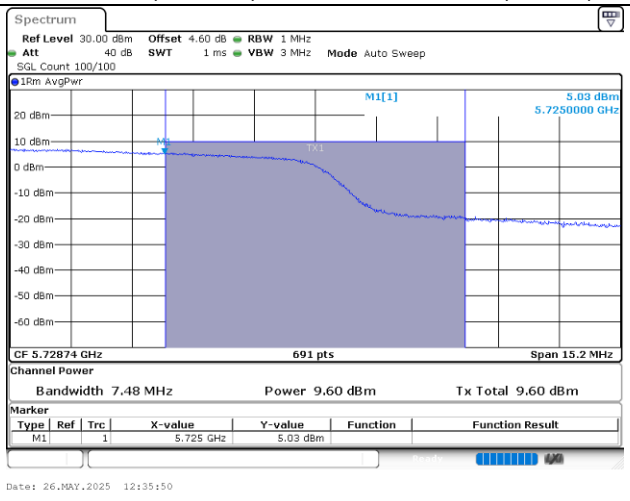
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)				Antenna Gain (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)
		Ant. 1	Ant. 2	Total	Limit			
802.11a	5180	19.170	19.140	22.165	24.00	2.660	24.986	30.00
	5220	18.950	19.130	22.051	24.00	2.660	25.106	30.00
	5240	19.030	19.050	22.050	24.00	2.660	24.836	30.00
	5260	19.270	19.360	22.326	24.00	2.550	24.671	30.00
	5300	19.380	19.490	22.446	24.00	2.550	24.518	30.00
	5320	19.110	19.220	22.176	24.00	2.550	20.671	30.00
	5500	19.020	19.200	22.121	24.00	2.660	24.986	30.00
	5580	18.800	19.110	21.968	24.00	2.660	25.106	30.00
	5700	15.020	15.200	18.121	24.00	2.660	24.836	30.00
	5720 (UNII-2C)	14.900	14.990	18.202	24.00	2.550	20.752	28.82
	5720 (UNII-3)	7.220	7.280	10.507	30.00	2.850	13.357	36.00
	5745	16.110	16.260	19.196	30.00	2.850	22.046	36.00
	5785	16.520	16.760	19.652	30.00	2.850	22.502	36.00
	5825	17.150	17.410	20.292	30.00	2.850	23.142	36.00
802.11ac (20 MHz)	5180	19.100	19.180	22.150	24.00	3.070	25.220	30.00
	5220	18.840	19.150	22.008	24.00	3.070	25.078	30.00
	5240	18.800	19.110	21.968	24.00	3.070	25.038	30.00
	5260	19.200	19.420	22.322	24.00	2.660	24.982	30.00
	5300	19.370	19.570	22.481	24.00	2.660	25.141	30.00
	5320	19.330	19.560	22.457	24.00	2.660	25.117	30.00
	5500	19.220	19.580	22.414	24.00	2.550	24.964	30.00
	5580	19.160	19.580	22.385	24.00	2.550	24.935	30.00
	5700	16.600	16.960	19.794	24.00	2.550	22.344	30.00
	5720 (UNII-2C)	16.890	17.410	20.379	24.00	2.550	22.929	28.82
	5720 (UNII-3)	9.600	10.190	13.126	30.00	2.850	15.976	36.00
	5745	16.300	16.670	19.499	30.00	2.850	22.349	36.00
	5785	16.360	16.780	19.585	30.00	2.850	22.435	36.00
	5825	16.880	17.500	20.211	30.00	2.850	23.061	36.00

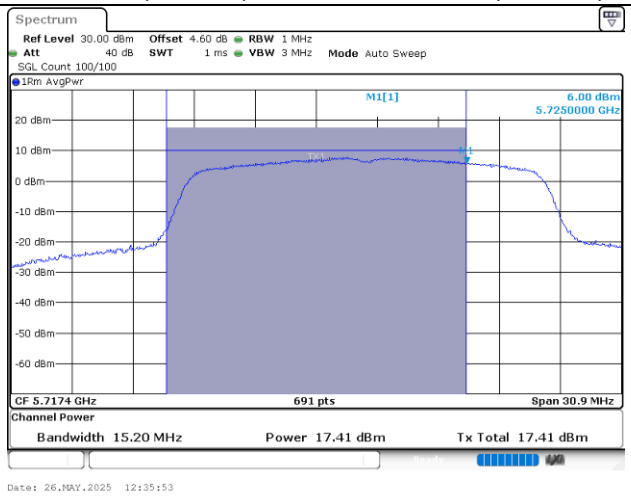
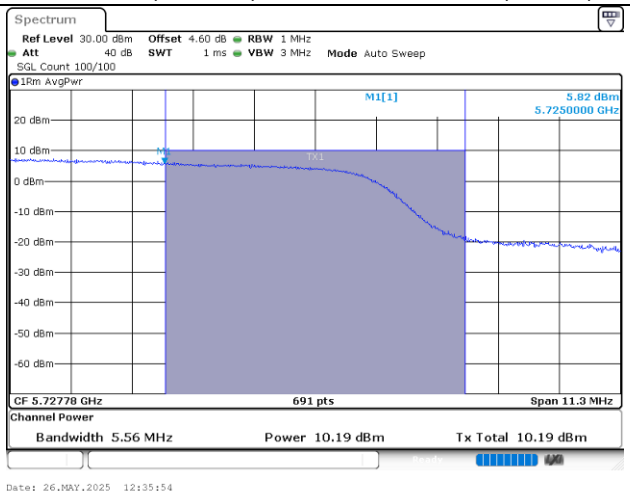
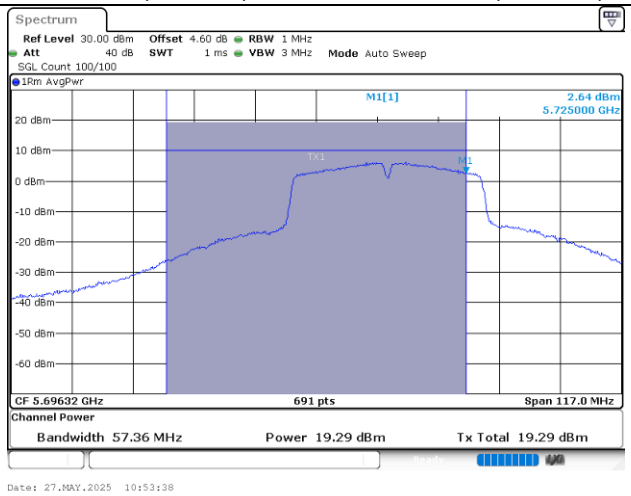
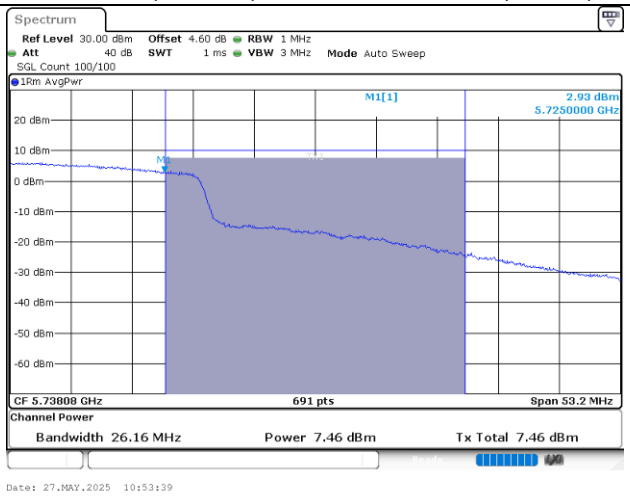
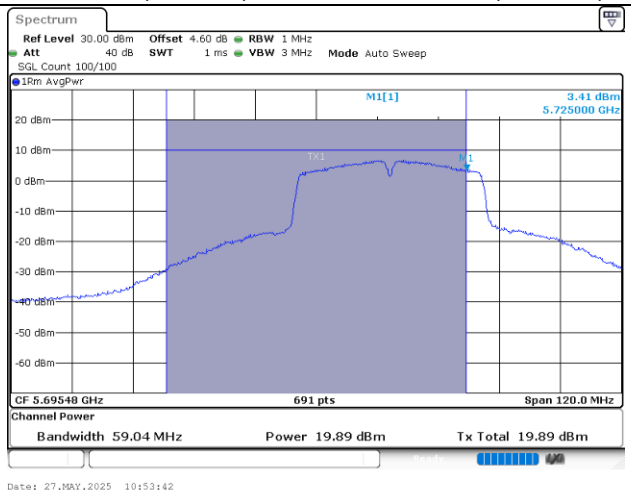
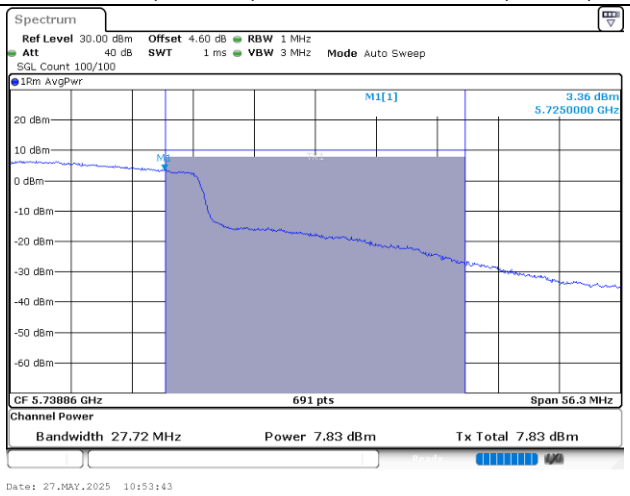
Note: For straddle channels, the total power = conducted output power + duty factor, and the duty factor refer to section 2.3.

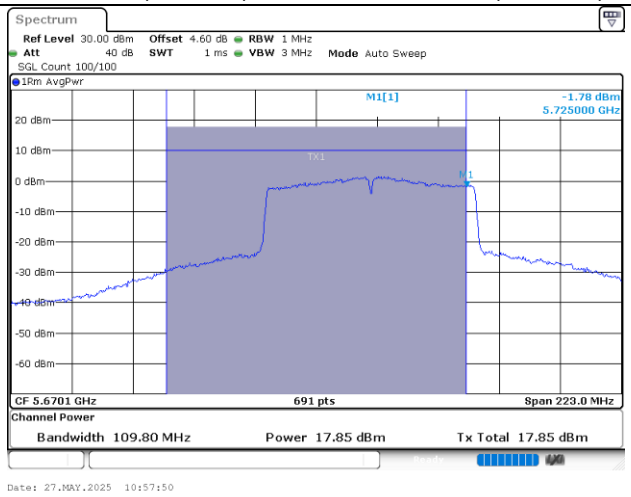
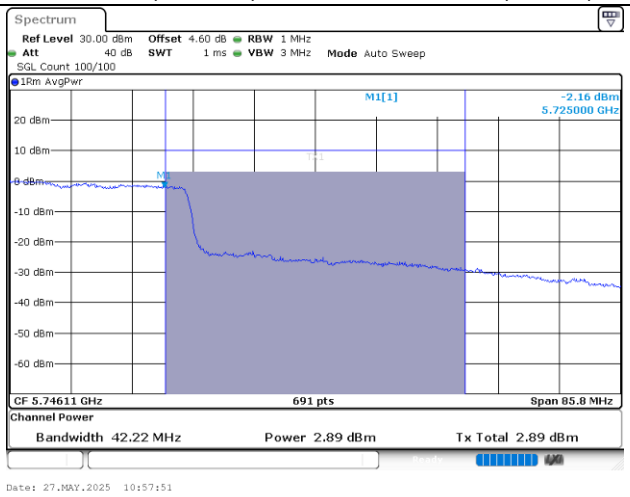
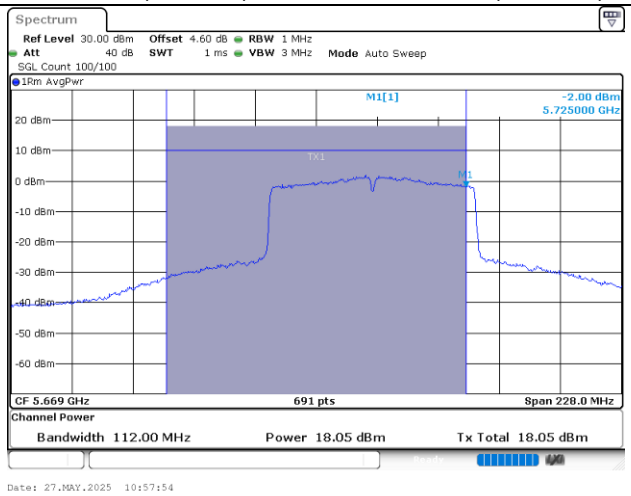
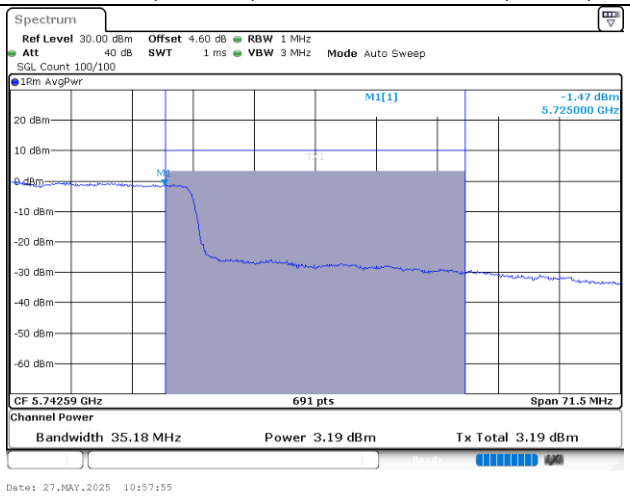
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)				Antenna Gain (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)
		Ant. 1	Ant. 2	Total	Limit			
802.11ac (40 MHz)	5190	17.340	17.570	20.467	24.00	3.070	23.537	30.00
	5230	20.510	20.650	23.591	24.00	3.070	26.661	30.00
	5270	20.560	20.750	23.666	24.00	2.660	26.326	30.00
	5310	17.530	17.610	20.580	24.00	2.660	23.240	30.00
	5510	17.470	17.670	20.581	24.00	2.550	23.131	30.00
	5550	20.380	20.850	23.632	24.00	2.550	26.182	30.00
	5670	17.250	17.650	20.465	24.00	2.550	23.015	30.00
	5710 (UNII-2C)	19.290	19.890	22.997	24.00	2.550	25.547	30.00
	5710 (UNII-3)	7.460	7.830	11.046	30.00	2.850	13.896	36.00
	5755	19.760	20.170	22.980	30.00	2.850	25.830	36.00
	5795	18.080	18.520	21.316	30.00	2.850	24.166	36.00
802.11ac (80 MHz)	5210	16.640	16.720	19.690	24.00	3.070	22.760	30.00
	5290	17.240	17.320	20.290	24.00	2.660	22.950	30.00
	5530	17.040	17.310	20.187	24.00	2.550	22.737	30.00
	5610	20.560	20.890	23.738	24.00	2.550	26.288	30.00
	5690 (UNII-2C)	17.850	18.050	21.658	24.00	2.550	24.208	30.00
	5690 (UNII-3)	2.890	3.190	6.749	30.00	2.850	9.599	36.00
	5775	18.350	18.690	21.534	30.00	2.850	24.384	36.00

Note: For straddle channels, the total power = conducted output power + duty factor, and the duty factor refer to section 2.3.

For Straddle Channels:

Spectrum plot value of power	
802.11a / Ant. 1 / 5720 MHz (UNII-2C)	802.11a / Ant. 1 / 5720 MHz (UNII-3)
	
802.11a / Ant. 2 / 5720 MHz (UNII-2C)	802.11a / Ant. 2 / 5720 MHz (UNII-3)
	
802.11ac (20 MHz) / Ant. 1 / 5720 MHz (UNII-2C)	802.11ac (20 MHz) / Ant. 1 / 5720 MHz (UNII-3)
	

Spectrum plot value of power	
802.11ac (20 MHz) / Ant. 2 / 5720 MHz (UNII-2C)	802.11ac (20 MHz) / Ant. 2 / 5720 MHz (UNII-3)
	
802.11ac (40 MHz) / Ant. 1 / 5710 MHz (UNII-2C)	802.11ac (40 MHz) / Ant. 1 / 5710 MHz (UNII-3)
	
802.11ac (40 MHz) / Ant. 2 / 5710 MHz (UNII-2C)	802.11ac (40 MHz) / Ant. 2 / 5710 MHz (UNII-3)
	

Spectrum plot value of power	
802.11ac (80 MHz) / Ant. 1 / 5690 MHz (UNII-2C)	802.11ac (80 MHz) / Ant. 1 / 5690 MHz (UNII-3)
	
802.11ac (80 MHz) / Ant. 2 / 5690 MHz (UNII-2C)	802.11ac (80 MHz) / Ant. 2 / 5690 MHz (UNII-3)
	

Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)			Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Total		
802.11a	5180	7.79	7.01	10.57	10.92	Pass
	5220	7.47	7.64	10.62	10.92	Pass
	5240	7.71	7.80	10.67	10.92	Pass
	5260	7.55	7.93	10.97	11.00	Pass
	5300	7.62	7.84	10.87	11.00	Pass
	5320	7.28	7.78	10.77	11.00	Pass
	5500	7.65	7.86	10.92	11.00	Pass
	5580	7.55	7.69	10.80	11.00	Pass
	5700	3.84	3.87	7.06	11.00	Pass
	5720 (UNII-2C)	4.87	5.80	8.58	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11a	5720 (UNII-3)	0.19	0.16	3.43	30.00	Pass
	5745	2.09	2.22	5.40	30.00	Pass
	5785	2.36	2.66	5.69	30.00	Pass
	5825	3.19	3.66	6.36	30.00	Pass

Note:

1. Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
2. Directional Gain = 10log [(10G1/20 + 10G2/20 + … + 10GN/20)2 / NAnt] for U-NII-1: 6.08dBi & U-NII-1 limit of Indoor slave = 11 – (6.08 – 6) = 10.92dBm.

Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)			Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (20 MHz)	5180	7.21	7.90	10.78	10.92	Pass
	5220	7.38	7.68	10.57	10.92	Pass
	5240	7.38	7.47	10.52	10.92	Pass
	5260	7.75	7.67	10.93	11.00	Pass
	5300	7.51	8.00	10.84	11.00	Pass
	5320	7.34	8.19	10.86	11.00	Pass
	5500	7.69	8.16	10.87	11.00	Pass
	5580	7.20	8.32	10.99	11.00	Pass
	5700	4.59	5.16	7.96	11.00	Pass
	5720 (UNII-2C)	7.18	8.15	10.86	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (20 MHz)	5720 (UNII-3)	2.60	3.06	6.06	30.00	Pass
	5745	1.87	2.61	5.13	30.00	Pass
	5785	2.37	2.80	5.81	30.00	Pass
	5825	2.93	3.39	6.34	30.00	Pass

Note:

1. Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
2. Directional Gain = 10log [(10G1/20 + 10G2/20 + … + 10GN/20)2 / NAnt] for U-NII-1: 6.08dBi & U-NII-1 limit of Indoor slave = 11 – (6.08 – 6) = 10.92dBm.

Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)			Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (40 MHz)	5190	3.02	3.03	6.26	10.92	Pass
	5230	5.66	6.29	9.23	10.92	Pass
	5270	6.04	6.34	9.50	11.00	Pass
	5310	3.06	3.18	6.47	11.00	Pass
	5510	2.90	3.17	6.17	11.00	Pass
	5550	6.46	6.72	9.54	11.00	Pass
	5670	3.41	3.36	6.54	11.00	Pass
	5710 (UNII-2C)	6.26	6.70	9.61	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (40 MHz)	5710 (UNII-3)	0.45	-0.15	3.30	30.00	Pass
	5755	2.30	2.66	5.83	30.00	Pass
	5795	0.75	1.44	4.37	30.00	Pass

Note:

1. Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
2. Directional Gain = 10log [(10G1/20 + 10G2/20 + … + 10GN/20)2 / NAnt] for U-NII-1: 6.08dBi & U-NII-1 limit of Indoor slave = 11 – (6.08 – 6) = 10.92dBm.

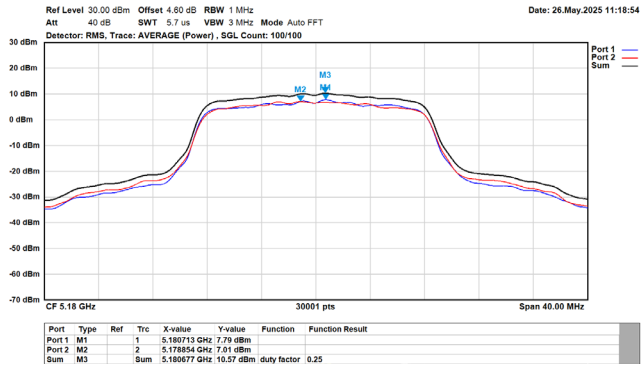
Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)			Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (80 MHz)	5210	-0.64	-0.69	2.99	10.92	Pass
	5290	0.38	0.57	3.67	11.00	Pass
	5530	0.10	-0.10	3.30	11.00	Pass
	5610	3.04	3.92	6.77	11.00	Pass
	5690 (UNII-2C)	1.48	1.63	4.98	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)			Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11ac (80 MHz)	5690 (UNII-3)	-4.36	-4.22	-0.75	30.00	Pass
	5775	-1.82	-1.23	2.12	30.00	Pass

Note:

1. Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
2. Directional Gain = 10log [(10G1/20 + 10G2/20 + … + 10GN/20)2 / NAnt] for U-NII-1: 6.08dBi & U-NII-1 limit of Indoor slave = 11 – (6.08 – 6) = 10.92dBm.

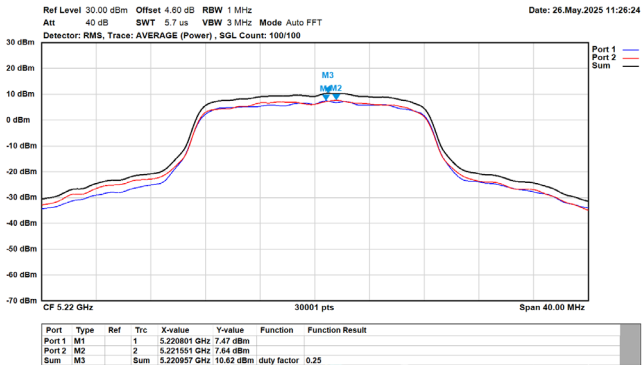
Spectrum plot of worst value

802.11a / 5180 MHz



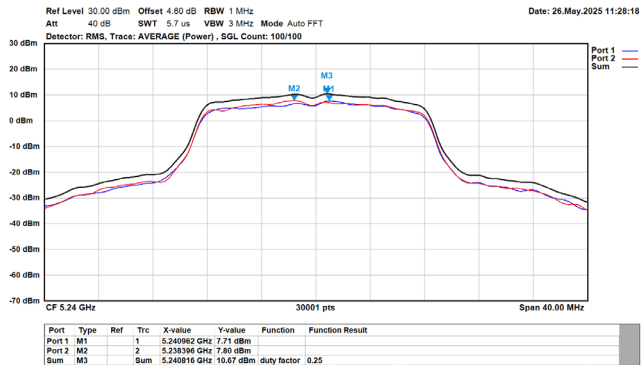
Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.180713 GHz	7.79 dBm		
Port 2	M2		2	5.178854 GHz	7.01 dBm		
Sum	M3		Sum	5.180677 GHz	10.57 dBm	duty factor	0.25

802.11a / 5220 MHz



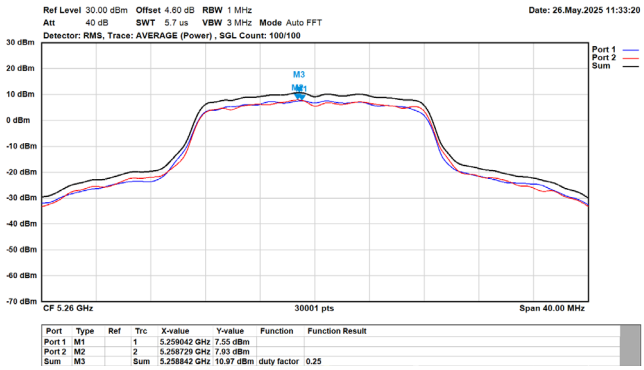
Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.220801 GHz	7.47 dBm		
Port 2	M2		2	5.221551 GHz	7.64 dBm		
Sum	M3		Sum	5.220957 GHz	10.62 dBm	duty factor	0.25

802.11a / 5240 MHz



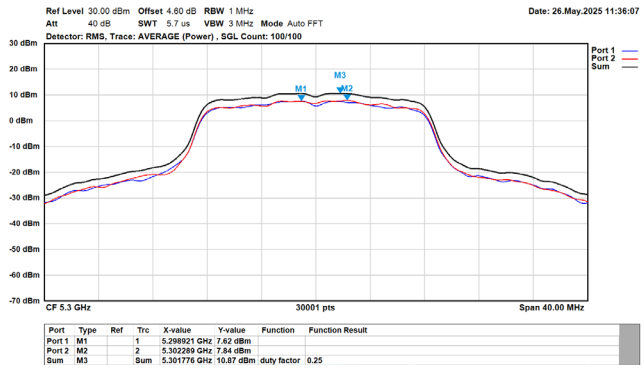
Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.240962 GHz	7.71 dBm		
Port 2	M2		2	5.238396 GHz	7.80 dBm		
Sum	M3		Sum	5.240816 GHz	10.67 dBm	duty factor	0.25

802.11a / 5260 MHz



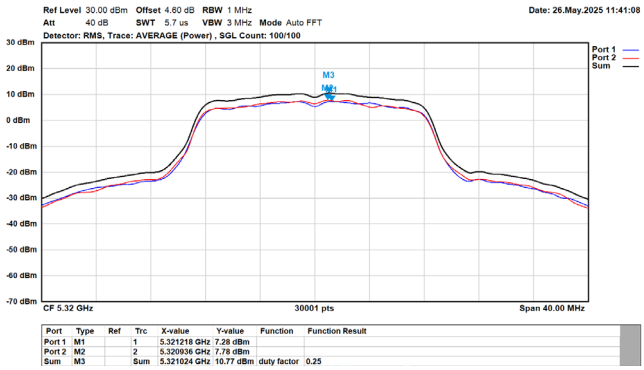
Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.259042 GHz	7.55 dBm		
Port 2	M2		2	5.258729 GHz	7.93 dBm		
Sum	M3		Sum	5.258842 GHz	10.97 dBm	duty factor	0.25

802.11a / 5300 MHz

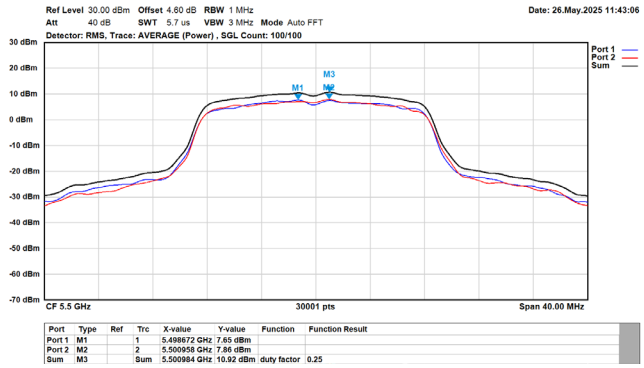
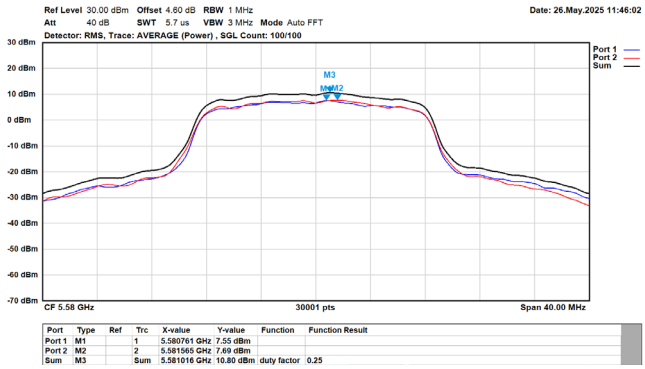
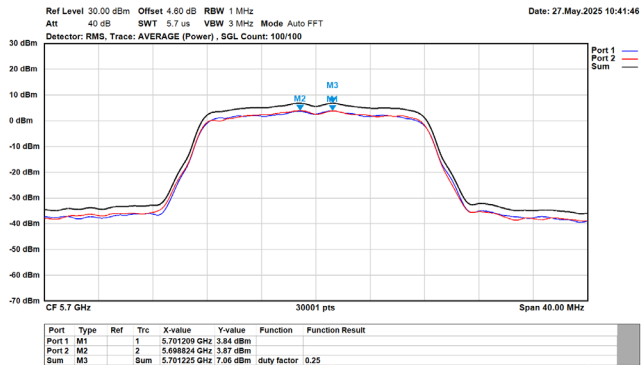
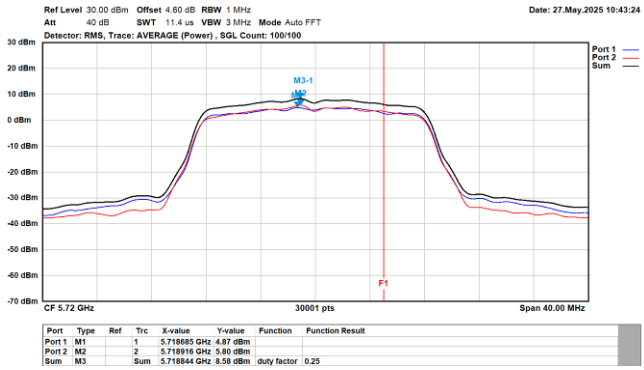


Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.298921 GHz	7.62 dBm		
Port 2	M2		2	5.302289 GHz	7.84 dBm		
Sum	M3		Sum	5.301776 GHz	10.87 dBm	duty factor	0.25

802.11a / 5320 MHz



Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.321218 GHz	7.28 dBm		
Port 2	M2		2	5.320936 GHz	7.78 dBm		
Sum	M3		Sum	5.321024 GHz	10.77 dBm	duty factor	0.25

Spectrum plot of worst value	
802.11a / 5500 MHz	802.11a / 5580 MHz
	
802.11a / 5700 MHz	802.11a / 5720 MHz (UNII-2C)
	
802.11a / 5720 MHz (UNII-3)	802.11a / 5745 MHz