

**- MIMO(CDD)**

**Test mode: 11a**

Band	Frequency (MHz)	Ch.	Data Rate	26 dB Bandwidth (MHz)		99 % Bandwidth (MHz)	
				Port 1	Port 2	Port 1	Port 2
U-NII 1	5 180	36	6 Mbps	18.861	18.741	16.424	16.384
	5 220	44		19.121	18.961	16.424	16.344
	5 240	48		18.681	18.861	16.424	16.384
U-NII 2A	5 260	52		18.881	18.841	16.424	16.384
	5 300	60		18.941	18.841	16.424	16.384
	5 320	64		18.981	18.781	16.424	16.384
U-NII 2C	5 500	100		18.502	18.921	16.384	16.384
	5 580	116		18.921	18.961	16.344	16.424
	5 700	140		18.422	18.741	16.304	16.424
U-NII 3	5 745	149		18.542	18.721	16.384	16.384
	5 785	157		18.641	19.281	16.344	16.384
	5 825	165		18.761	18.621	15.105	15.864

**Test mode: 11n\_HT20**

Band	Frequency (MHz)	Ch.	Data Rate	26 dB Bandwidth (MHz)		99 % Bandwidth (MHz)	
				Port 1	Port 2	Port 1	Port 2
U-NII 1	5 180	36	MCS0	19.880	19.860	17.463	17.542
	5 220	44		19.740	19.900	17.502	17.542
	5 240	48		20.020	20.000	17.463	17.502
U-NII 2A	5 260	52		20.080	20.020	17.542	17.542
	5 300	60		20.040	19.760	17.542	17.542
	5 320	64		20.100	19.860	17.542	17.502
U-NII 2C	5 500	100		20.540	20.060	17.582	17.542
	5 580	116		20.699	19.880	17.582	17.502
	5 700	140		19.860	19.700	17.542	17.542
U-NII 3	5 745	149		20.040	20.440	17.542	17.502
	5 785	157		20.520	20.559	17.542	17.542
	5 825	165		19.840	19.780	16.304	16.503

**Test mode: 11n\_HT40**

Band	Frequency (MHz)	Ch.	Data Rate	26 dB Bandwidth (MHz)		99 % Bandwidth (MHz)	
				Port 1	Port 2	Port 1	Port 2
U-NII 1	5 190	38	MCS0	40.719	40.160	35.884	35.964
	5 230	46		40.520	40.080	35.884	35.884
U-NII 2A	5 270	54		40.200	39.960	35.884	36.044
	5 310	62		40.440	40.000	35.964	35.964
U-NII 2C	5 510	102		40.280	40.120	35.964	35.964
	5 550	110		40.839	39.800	35.964	35.964
	5 670	134		40.240	39.920	35.964	35.964
U-NII 3	5 755	151		40.040	39.960	36.044	35.964
	5 795	159		40.520	40.520	35.884	35.964

**Test mode: 11ac\_VHT80**

Band	Frequency (MHz)	Ch.	Data Rate	26 dB Bandwidth (MHz)		99 % Bandwidth (MHz)	
				Port 1	Port 2	Port 1	Port 2
U-NII 1	5 210	42	MCS0	83.117	82.637	75.285	74.965
U-NII 2A	5 290	58		82.478	81.998	75.285	75.125
U-NII 2C	5 530	106		82.398	82.158	75.285	75.125
U-NII 3	5 775	155		82.318	81.758	74.965	74.965

**Band-crossing channel**

Mode	Frequency (MHz)	Ch.	Data Rate	26 dB Bandwidth (MHz)	
				Port 1	Port 2
11a	5 720	144	6 Mbps	14.720	14.381
11n_HT20	5 720	144	MCS0	15.060	14.840
11n_HT40	5 710	142	MCS0	35.400	34.840
11ac_VHT80	5 690	138	MCS0	76.838	75.959

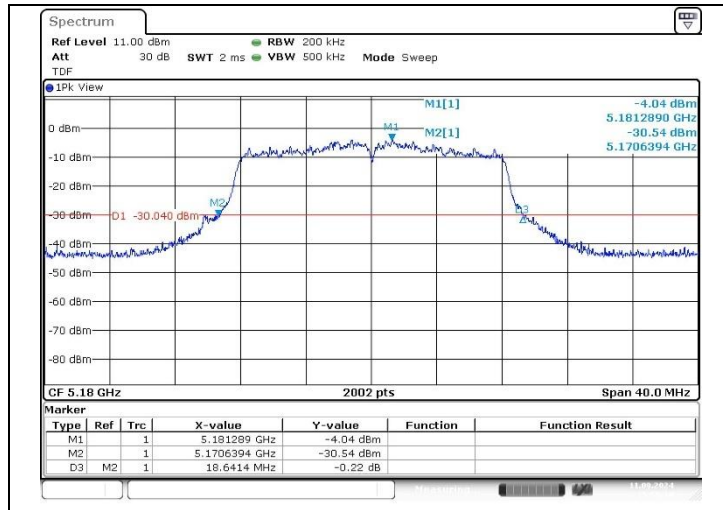
**- Test plots**

**SISO**

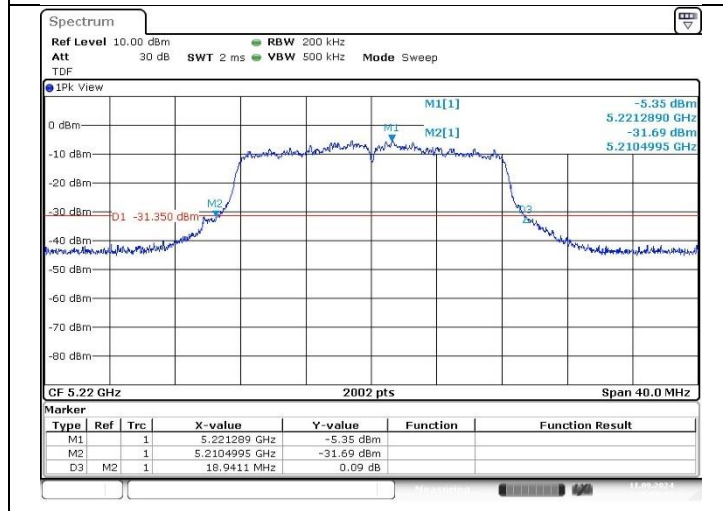
**26 dB Bandwidth**

**11a (Band 1)**

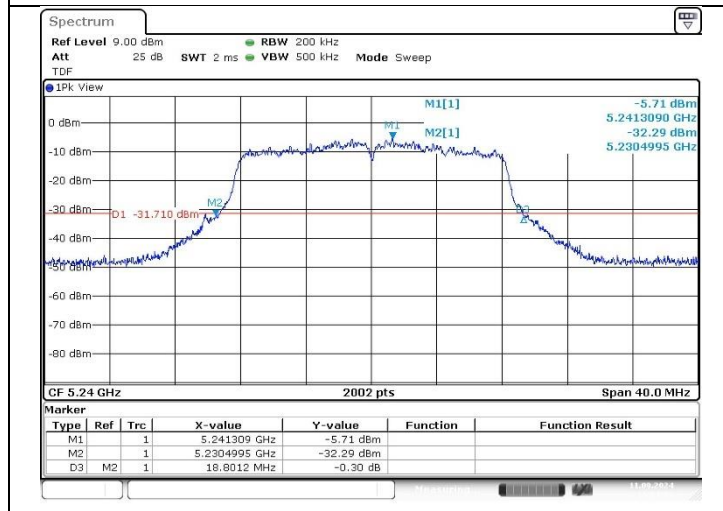
Low Channel  
(5 180 MHz)



Middle Channel  
(5 220 MHz)

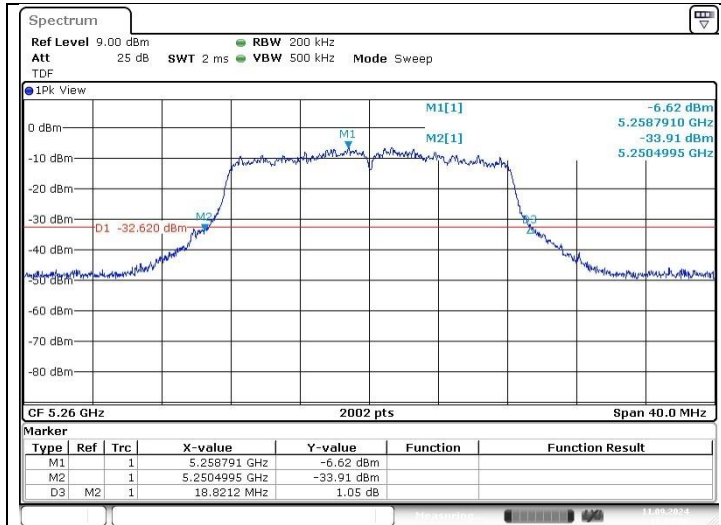


High Channel  
(5 240 MHz)

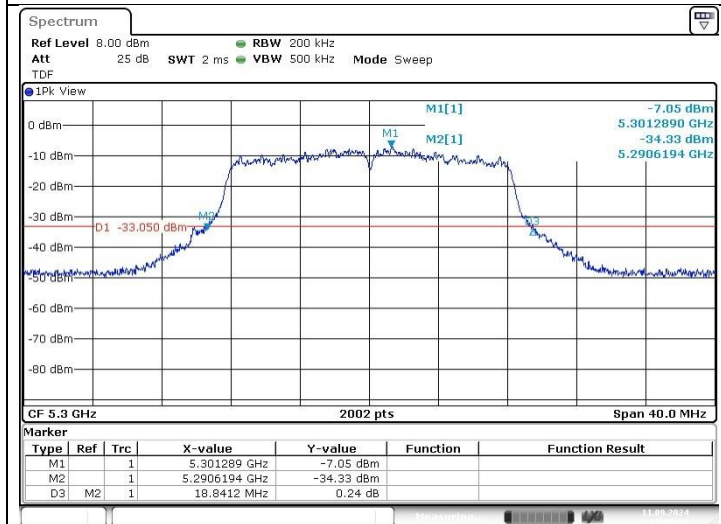


**11a (Band 2A)**

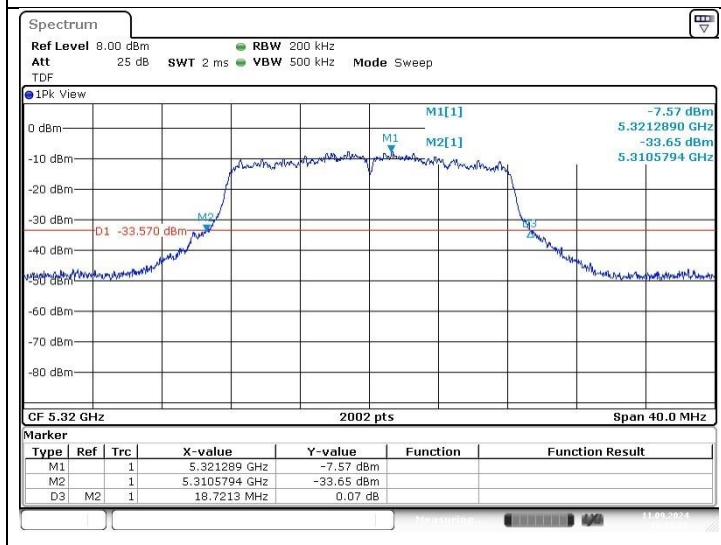
Low Channel  
(5 260 MHz)



Middle Channel  
(5 300 MHz)

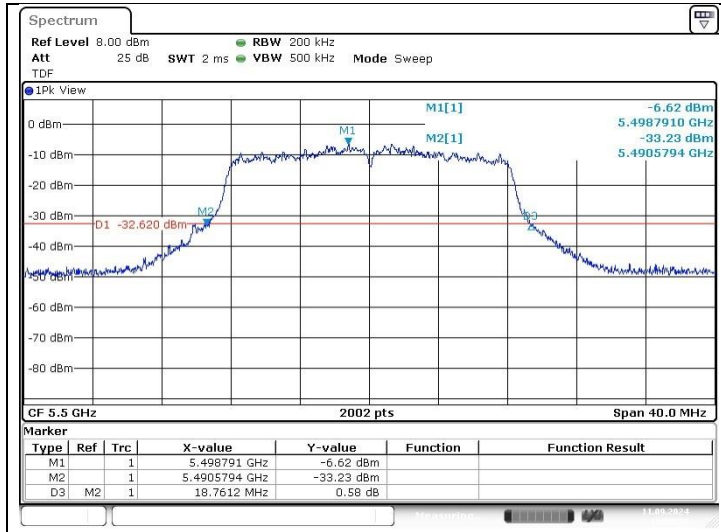


High Channel  
(5 320 MHz)

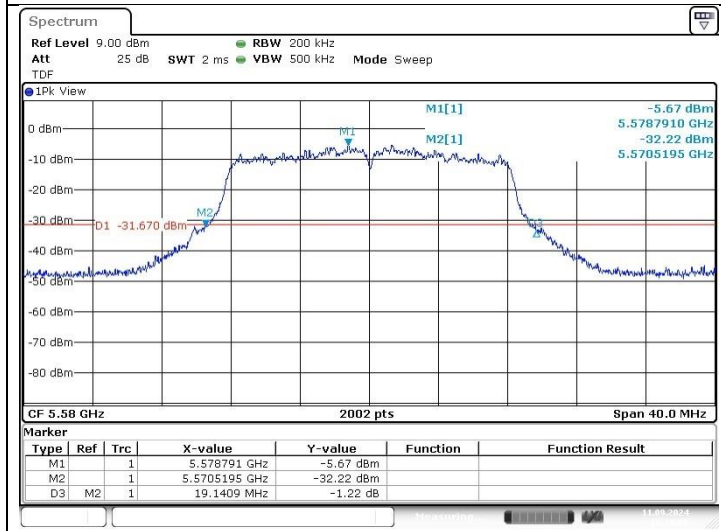


**11a (Band 2C)**

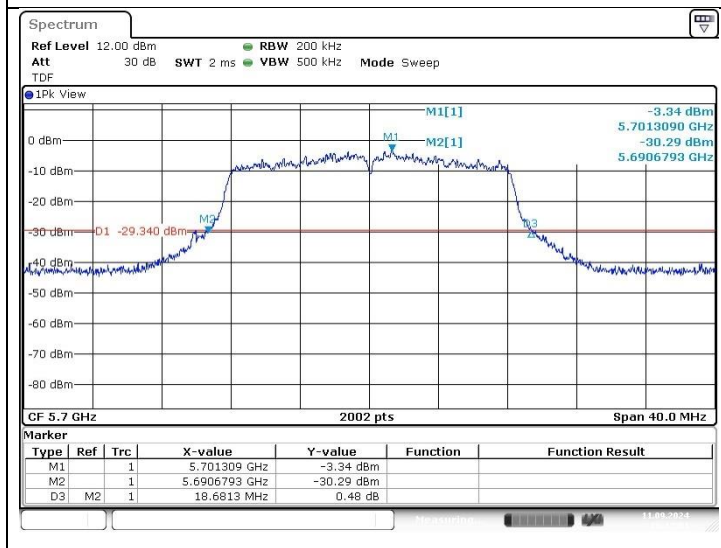
Low Channel  
(5 500 MHz)



Middle Channel  
(5 580 MHz)

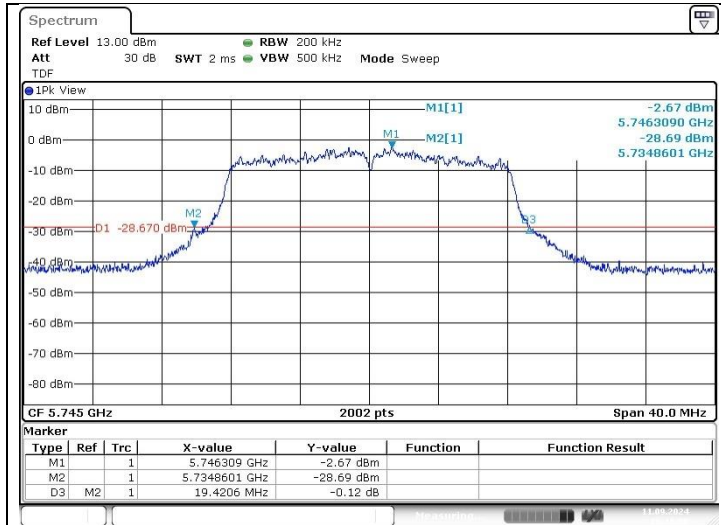


High Channel  
(5 700 MHz)

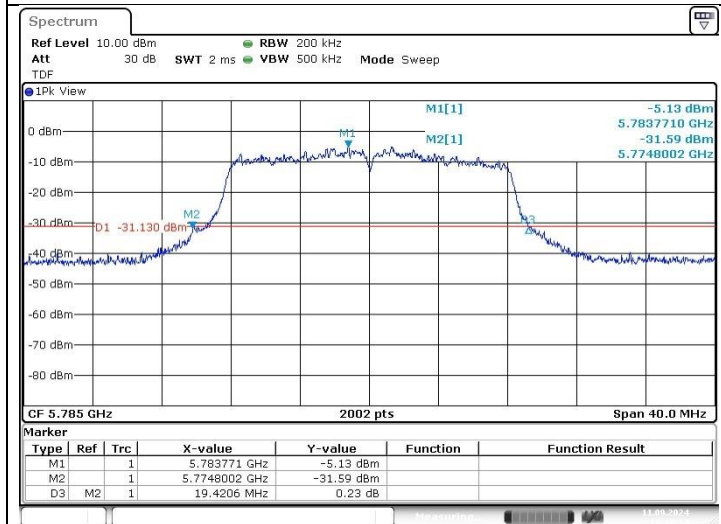


**11a (Band 3)**

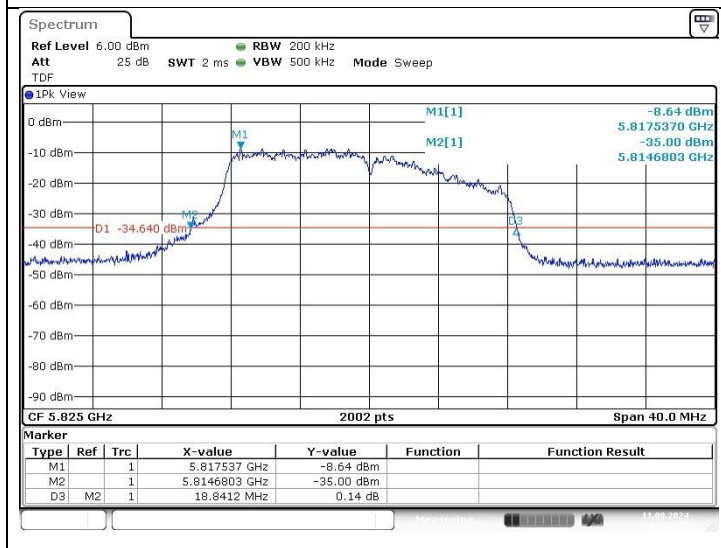
Low Channel  
(5 745 MHz)



Middle Channel  
(5 785 MHz)

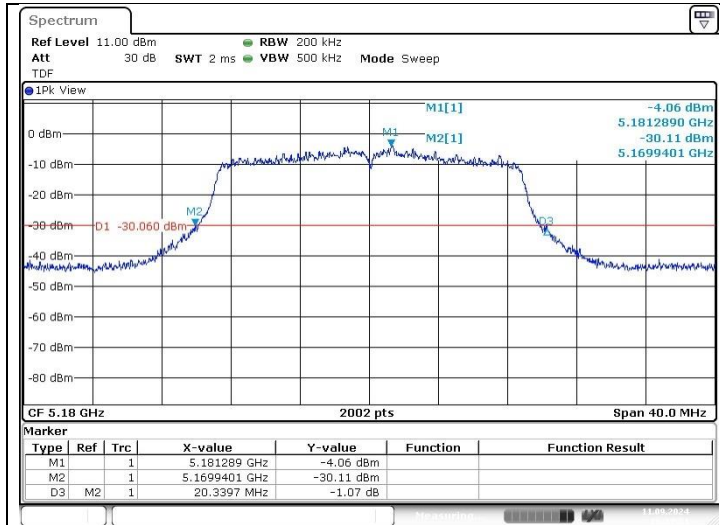


High Channel  
(5 825 MHz)

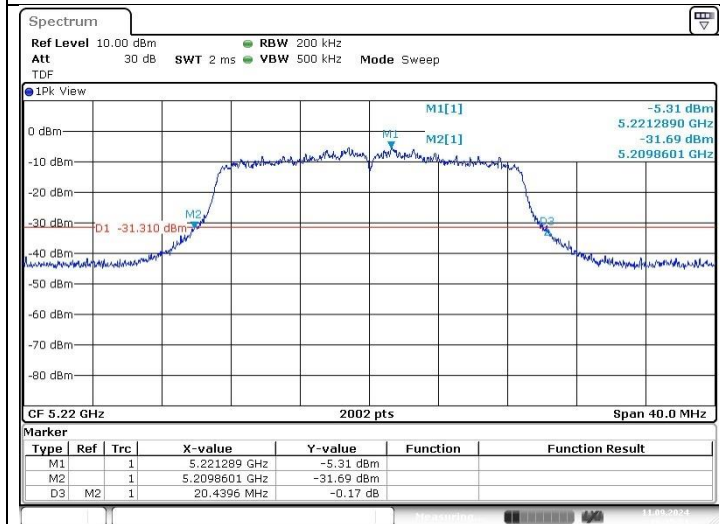


**11n\_HT20 (Band 1)**

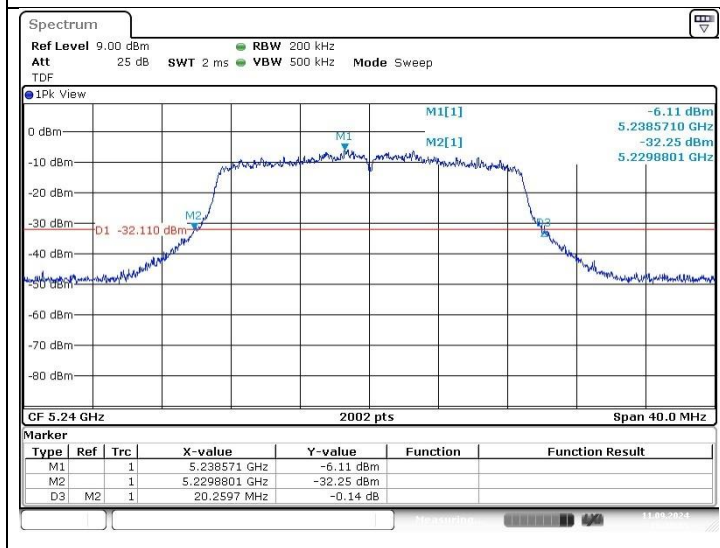
Low Channel  
(5 180 MHz)



Middle Channel  
(5 220 MHz)

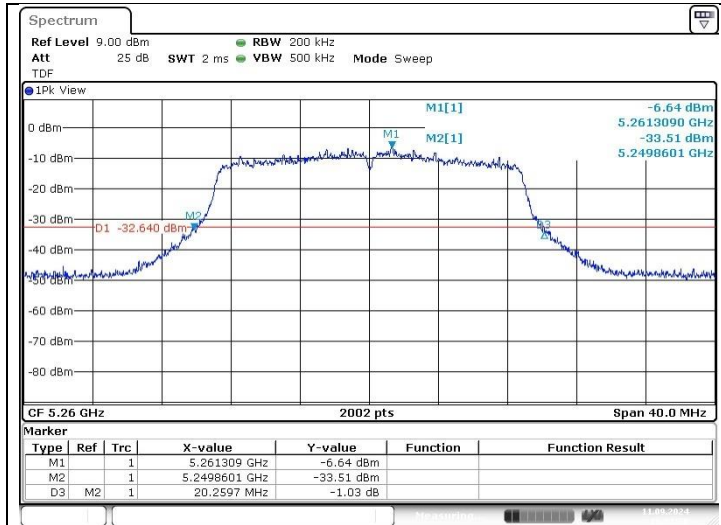


High Channel  
(5 240 MHz)

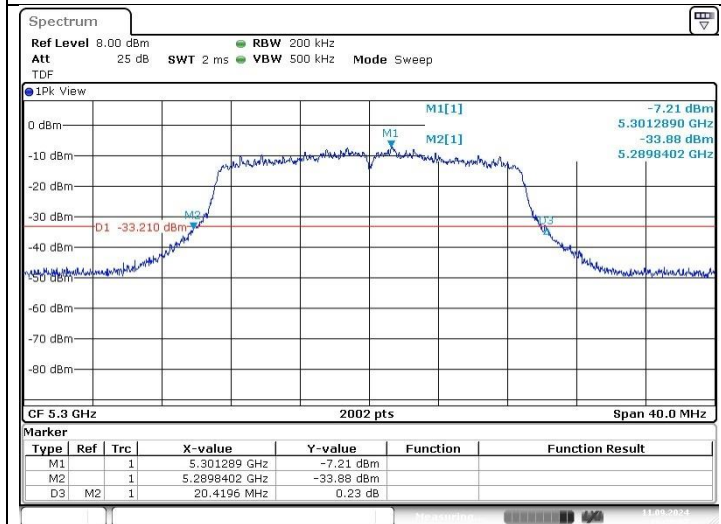


**11n\_HT20 (Band 2A)**

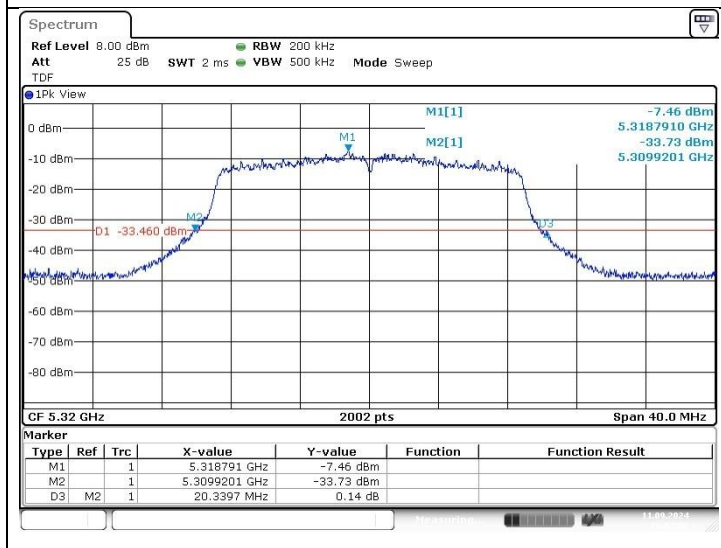
Low Channel  
(5 260 MHz)



Middle Channel  
(5 300 MHz)



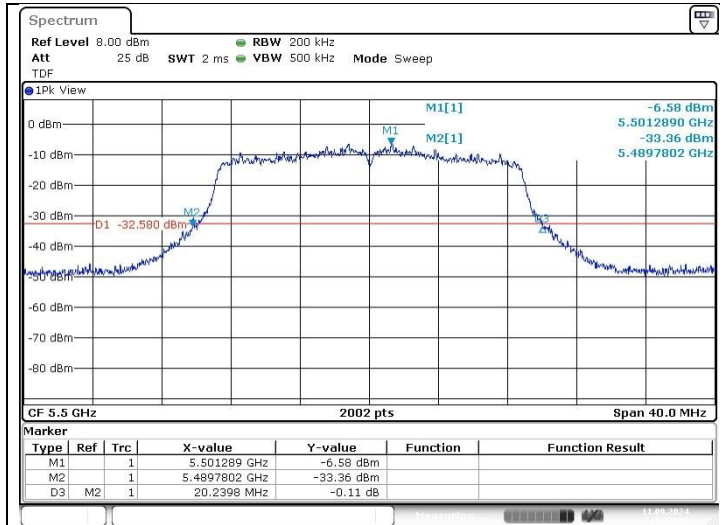
High Channel  
(5 320 MHz)



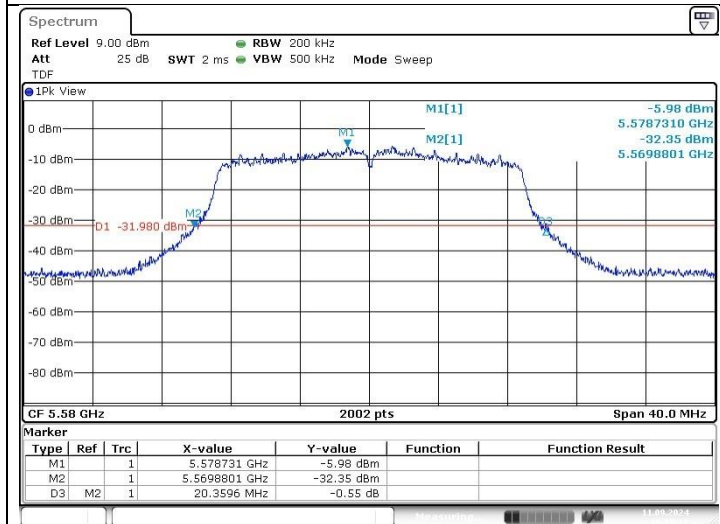


**11n\_HT20 (Band 2C)**

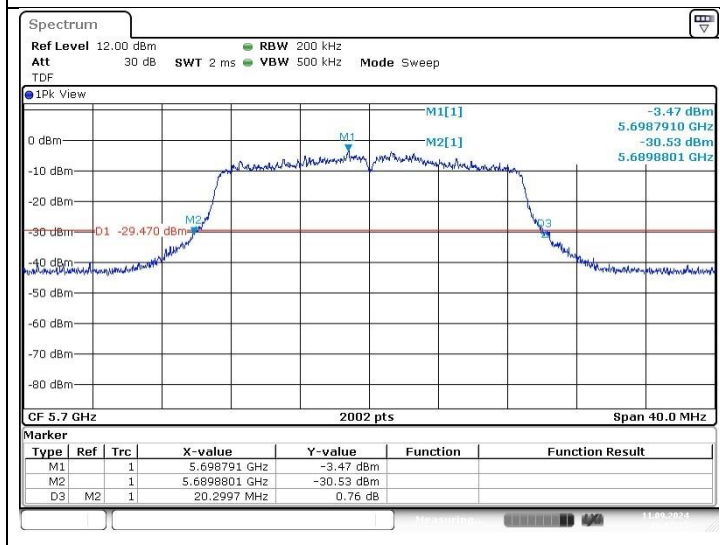
Low Channel  
(5 500 MHz)



Middle Channel  
(5 580 MHz)

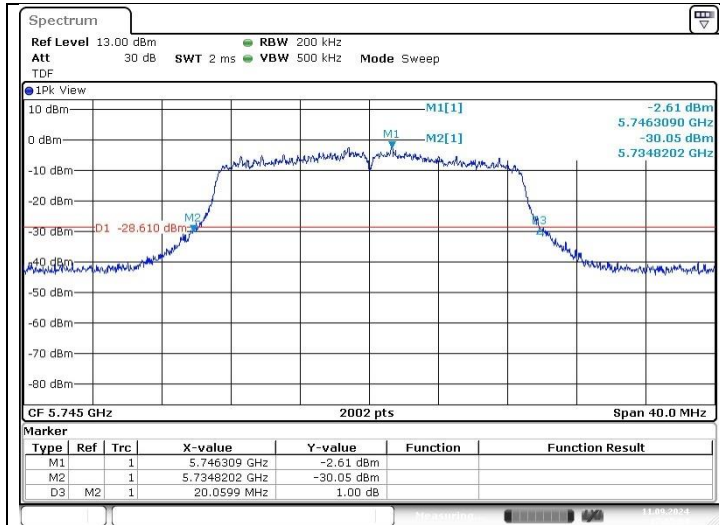


High Channel  
(5 700 MHz)

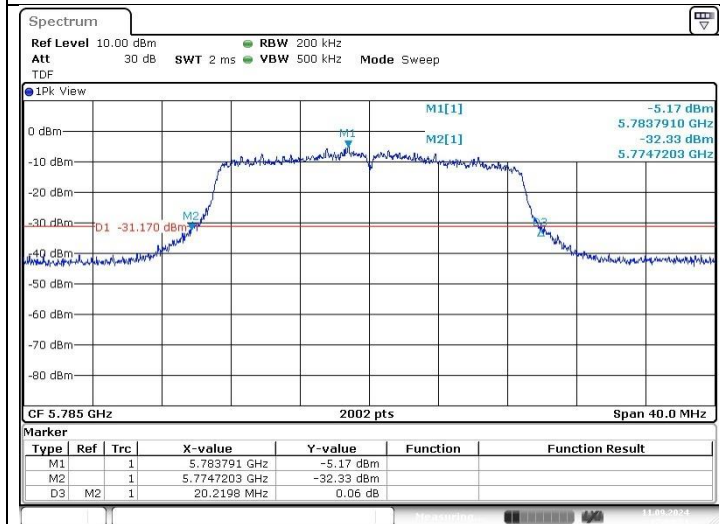


**11n\_HT20 (Band 3)**

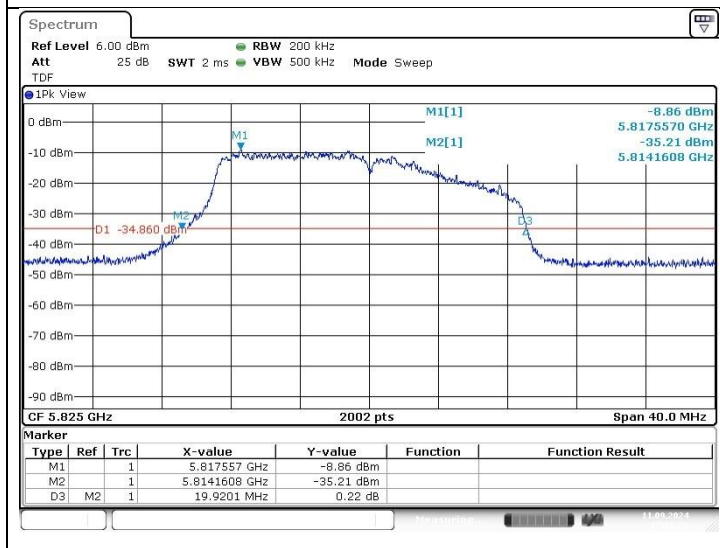
Low Channel  
(5 745 MHz)



Middle Channel  
(5 785 MHz)

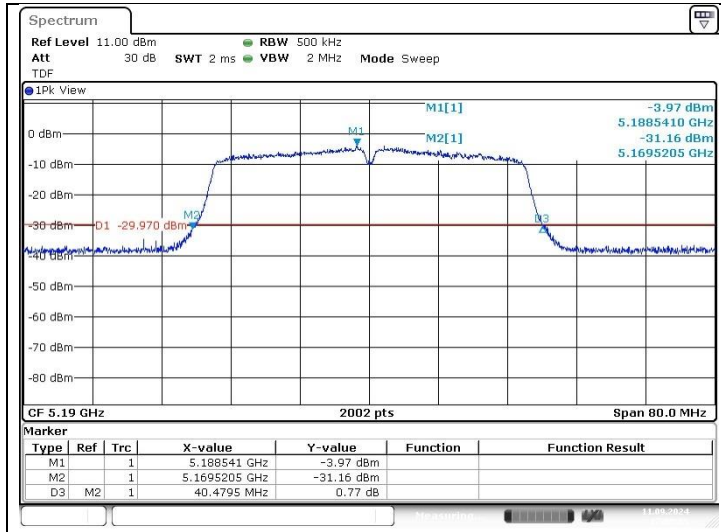


High Channel  
(5 825 MHz)

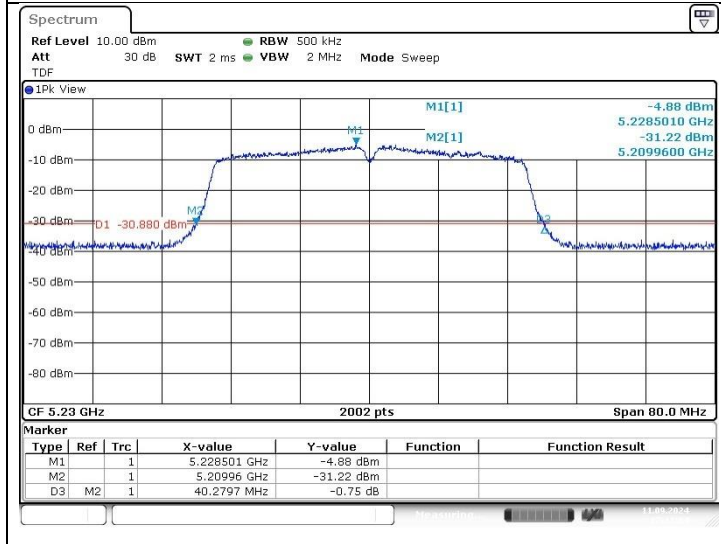


**11n\_HT40 (Band 1)**

Low Channel  
(5 190 MHz)

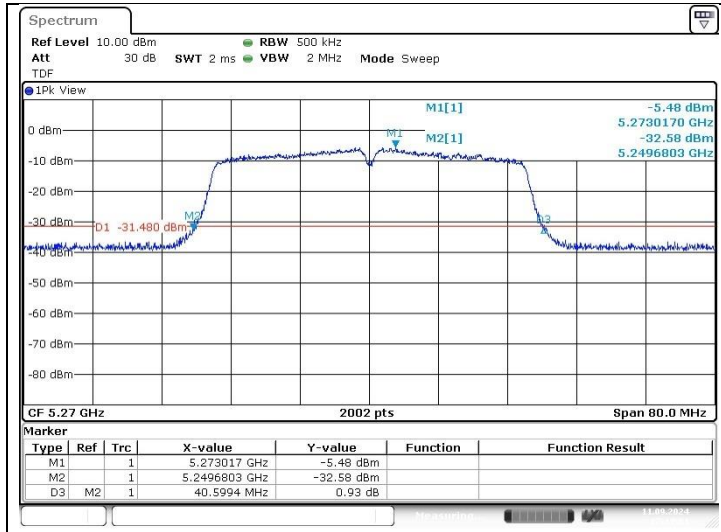


High Channel  
(5 230 MHz)

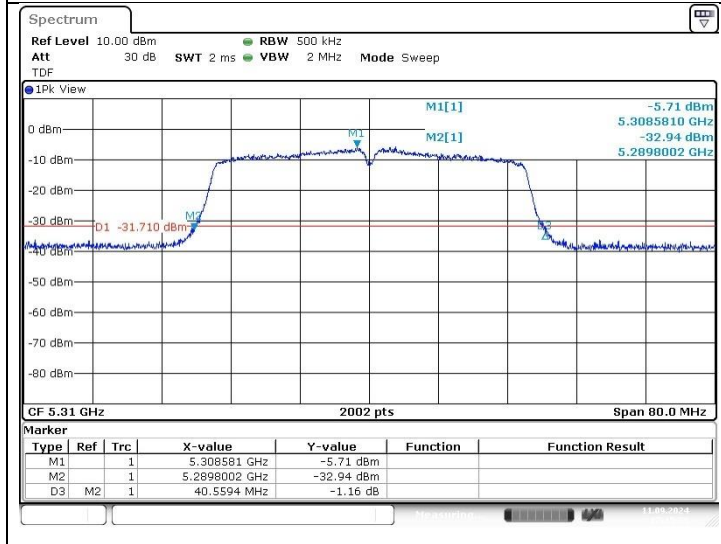


**11n\_HT40 (Band 2A)**

Low Channel  
(5 270 MHz)

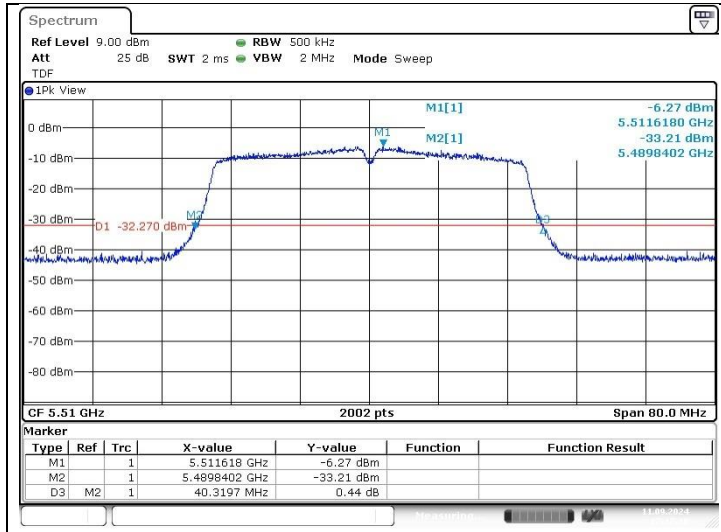


High Channel  
(5 310 MHz)

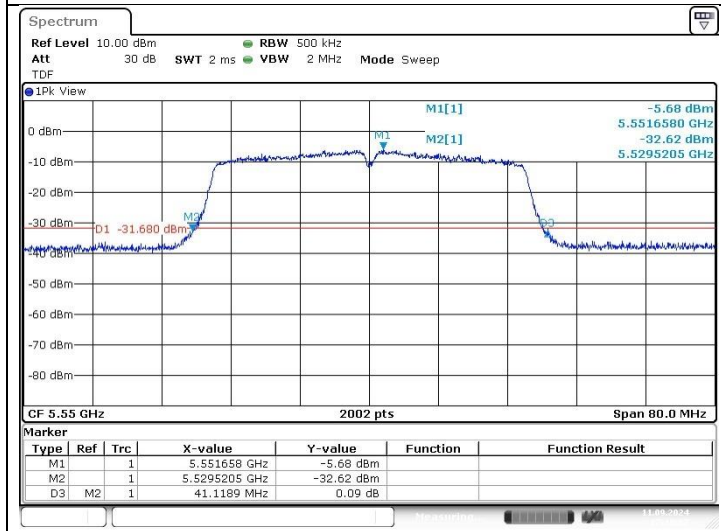


**11n\_HT40 (Band 2C)**

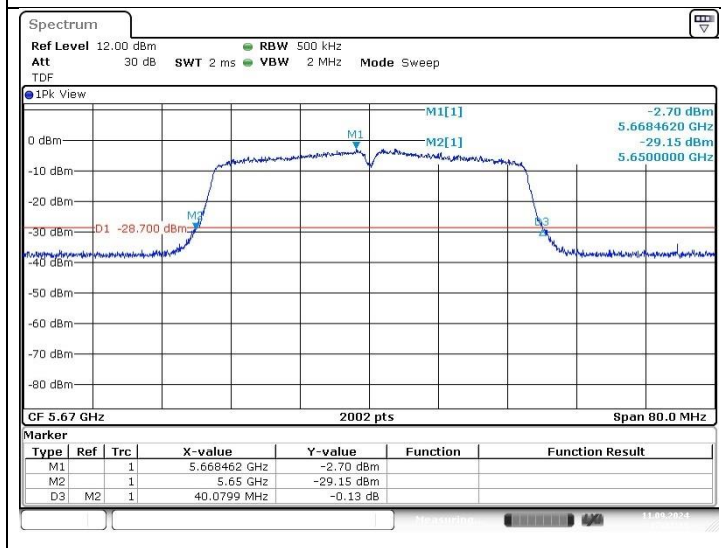
Low Channel  
(5 510 MHz)



Middle Channel  
(5 550 MHz)

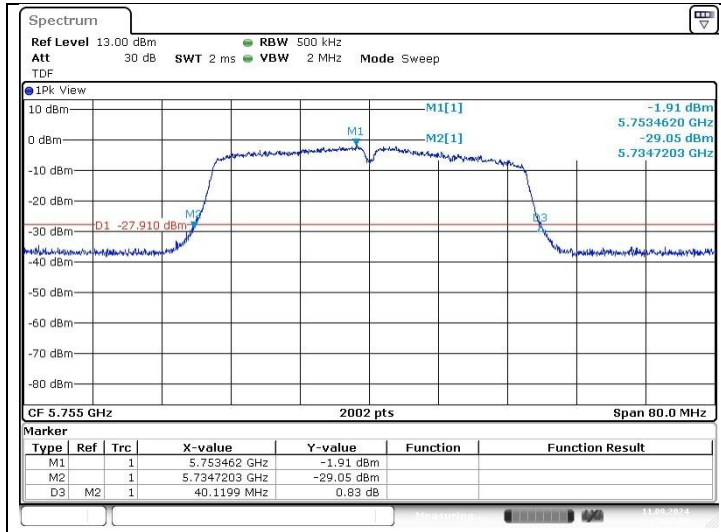


High Channel  
(5 670 MHz)

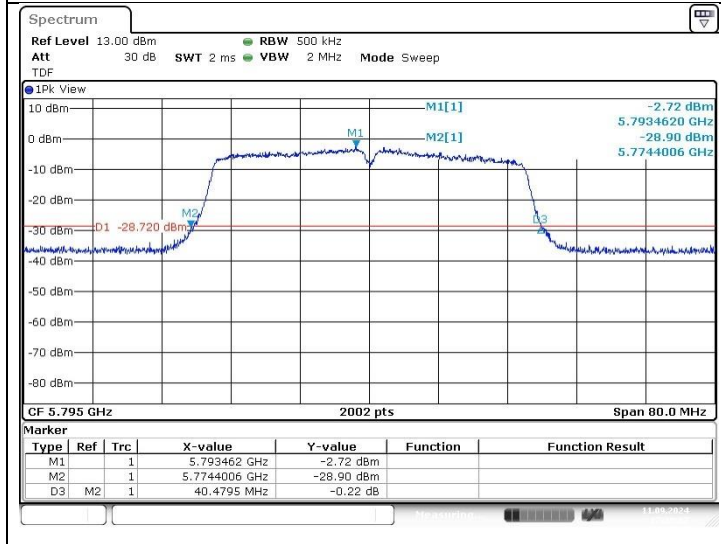


**11n\_HT40 (Band 3)**

Low Channel  
(5 755 MHz)

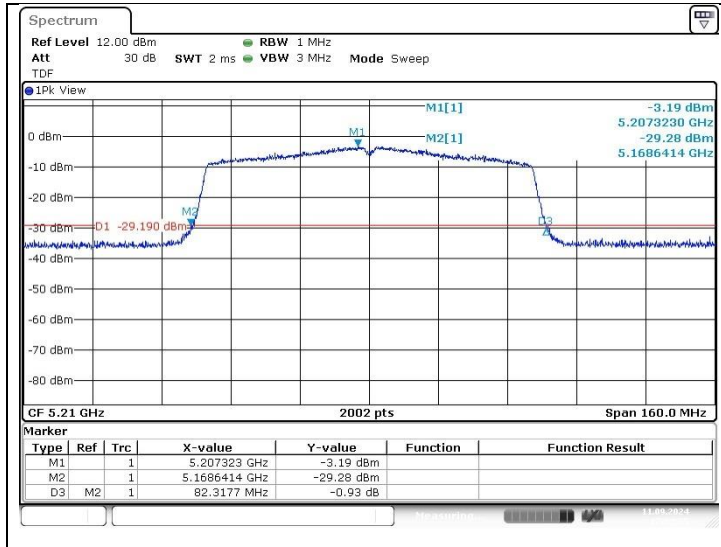


High Channel  
(5 795 MHz)



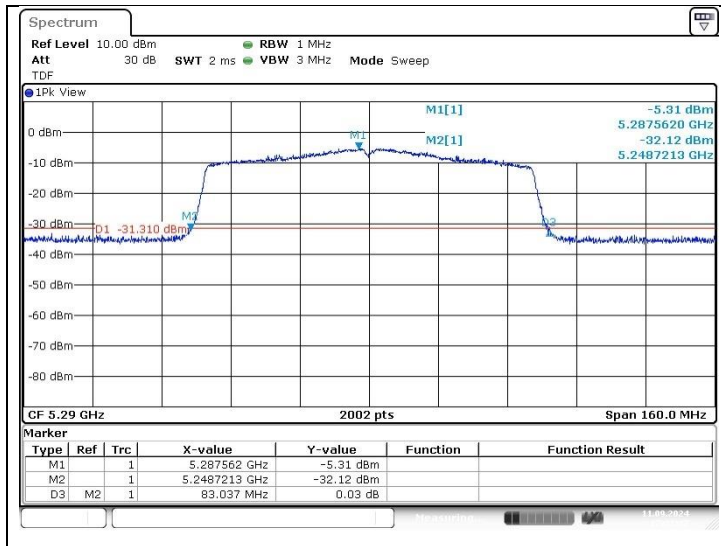
**11ac\_VHT80 (Band 1)**

Middle Channel  
(5 210 MHz)



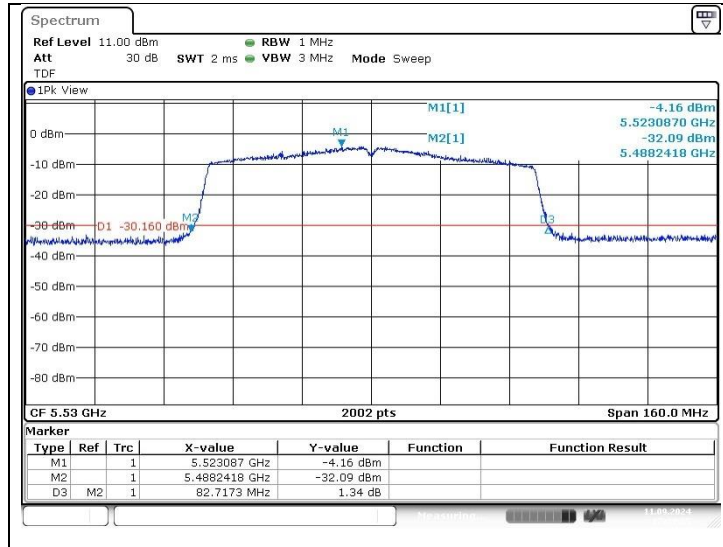
**11ac\_VHT80 (Band 2A)**

Middle Channel  
(5 290 MHz)



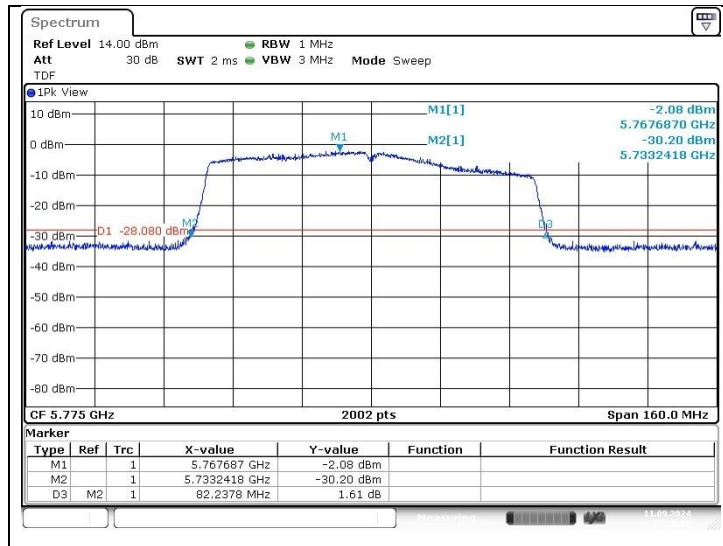
**11ac\_VHT80 (Band 2C)**

Low Channel  
(5 530 MHz)



**11ac\_VHT80 (Band 3)**

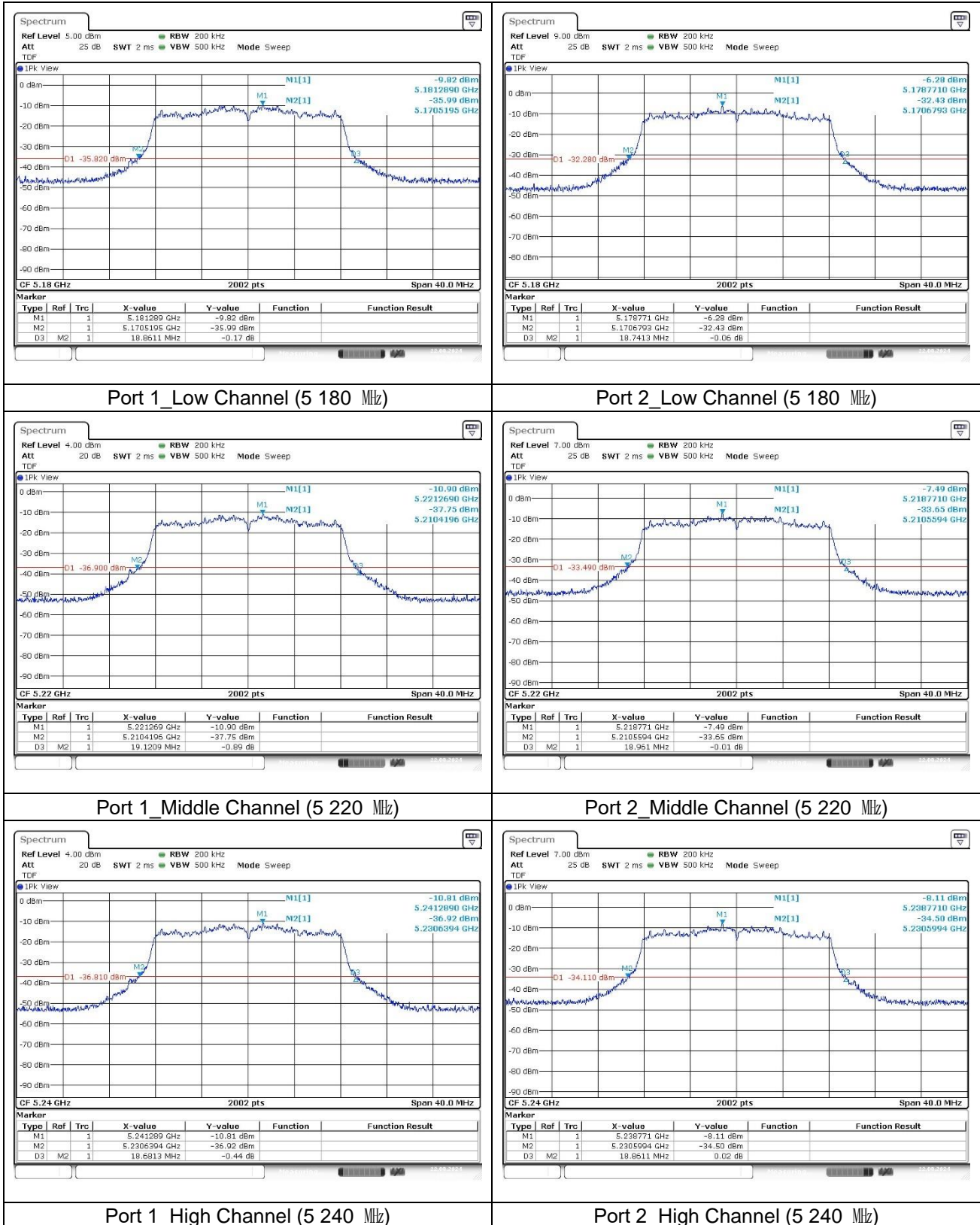
Middle Channel  
(5 775 MHz)



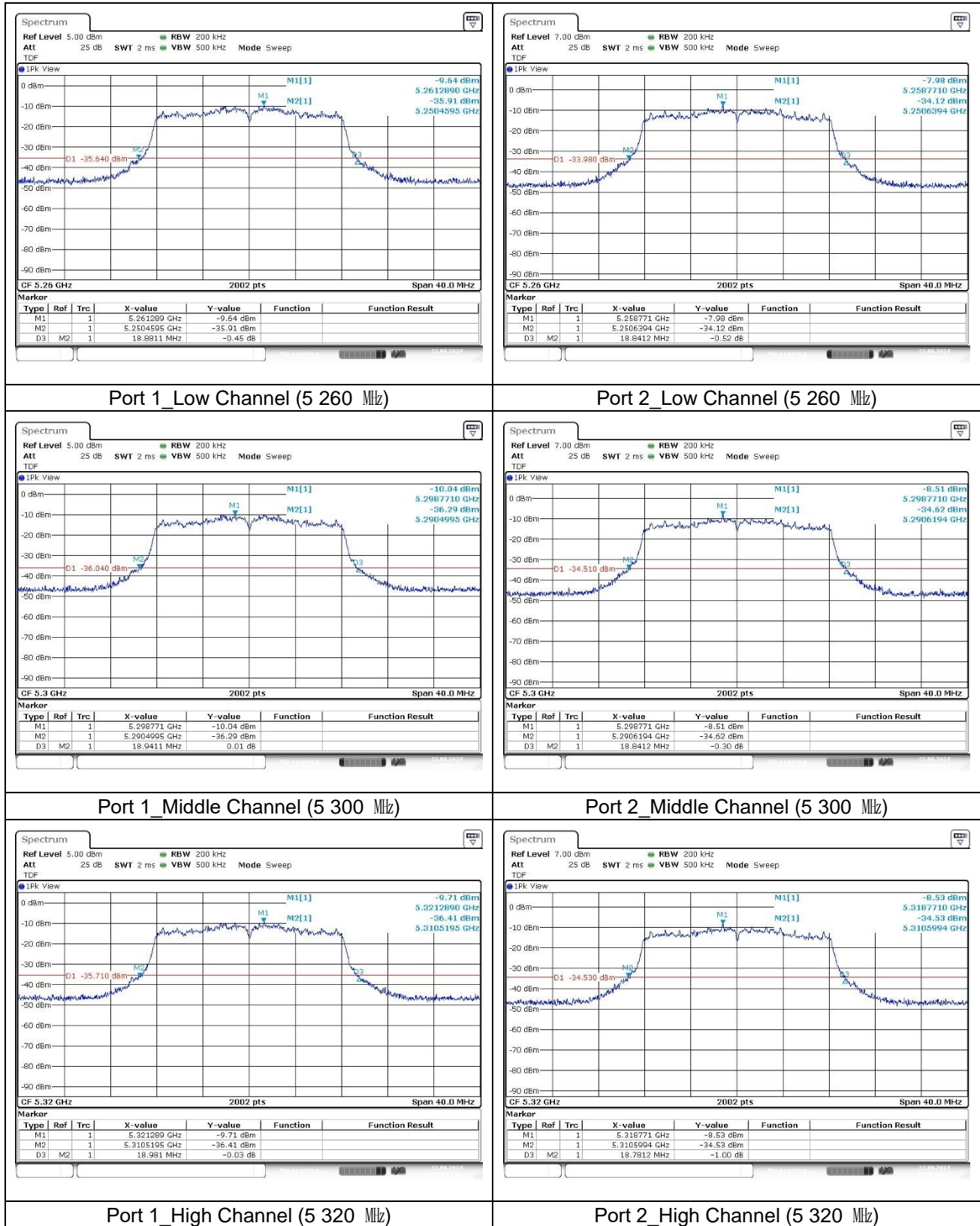


**MIMO**

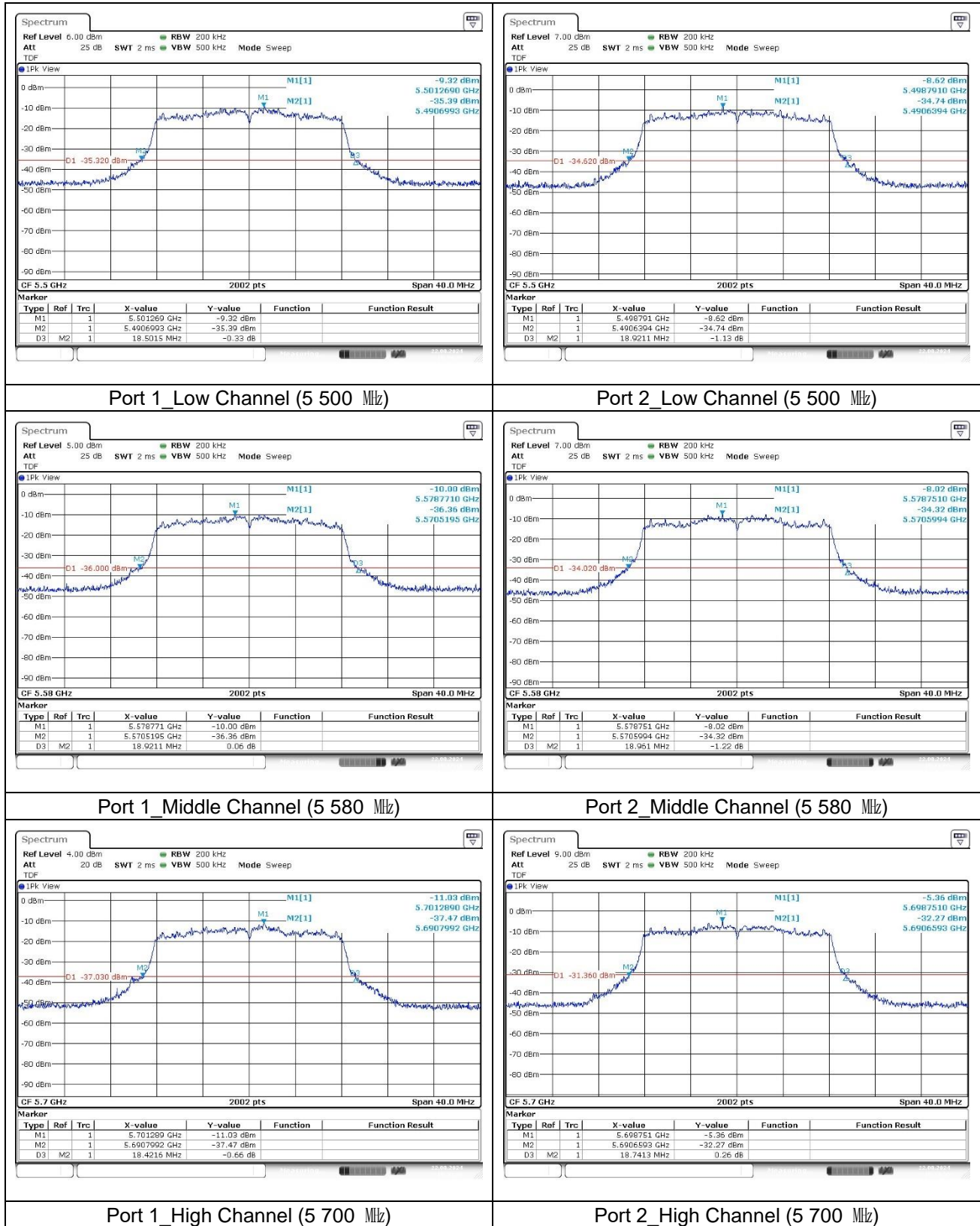
**11a (Band 1)**



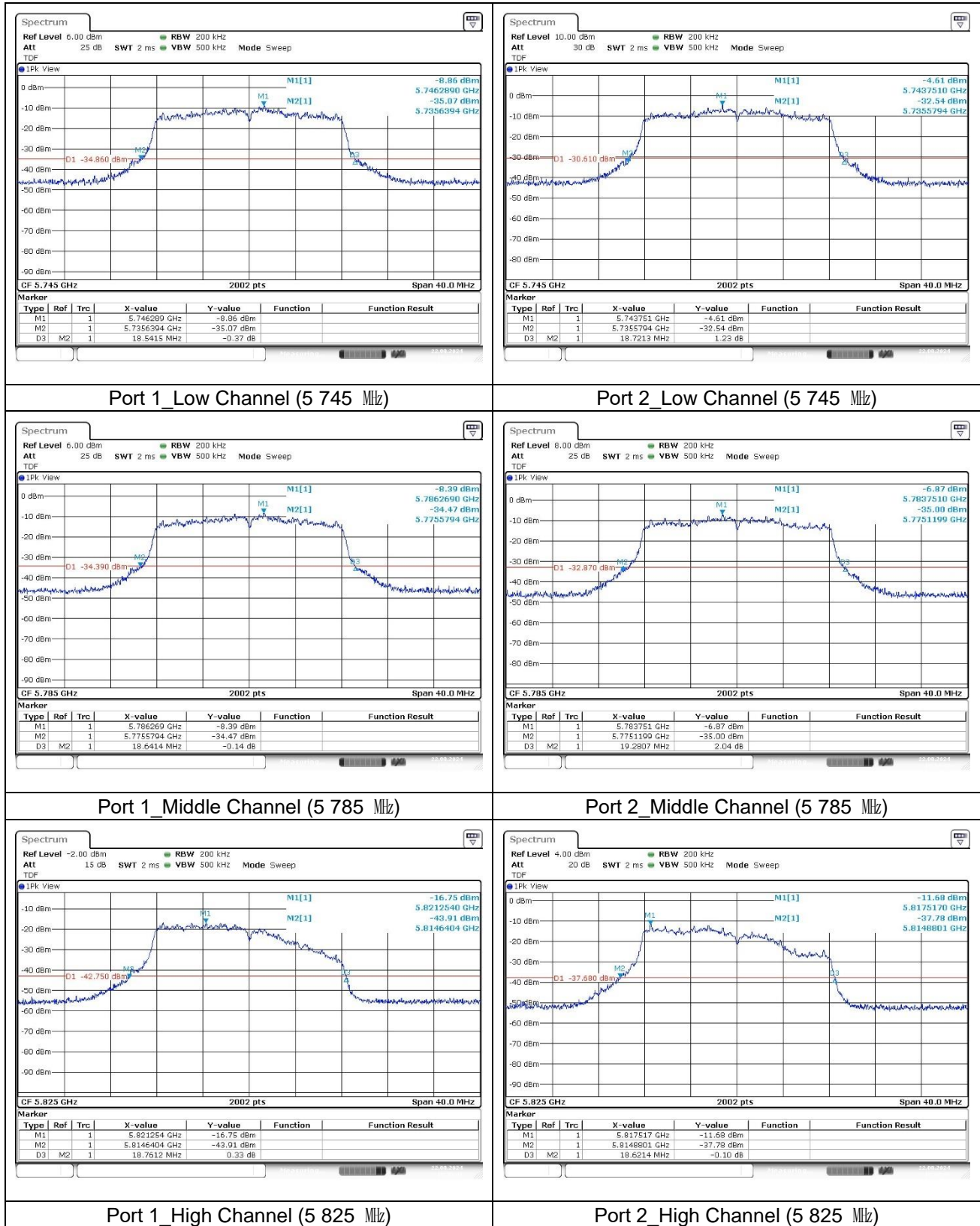
**11a (Band 2A)**



**11a (Band 2C)**



**11a (Band 3)**



**11n\_HT20 (Band 1)**

