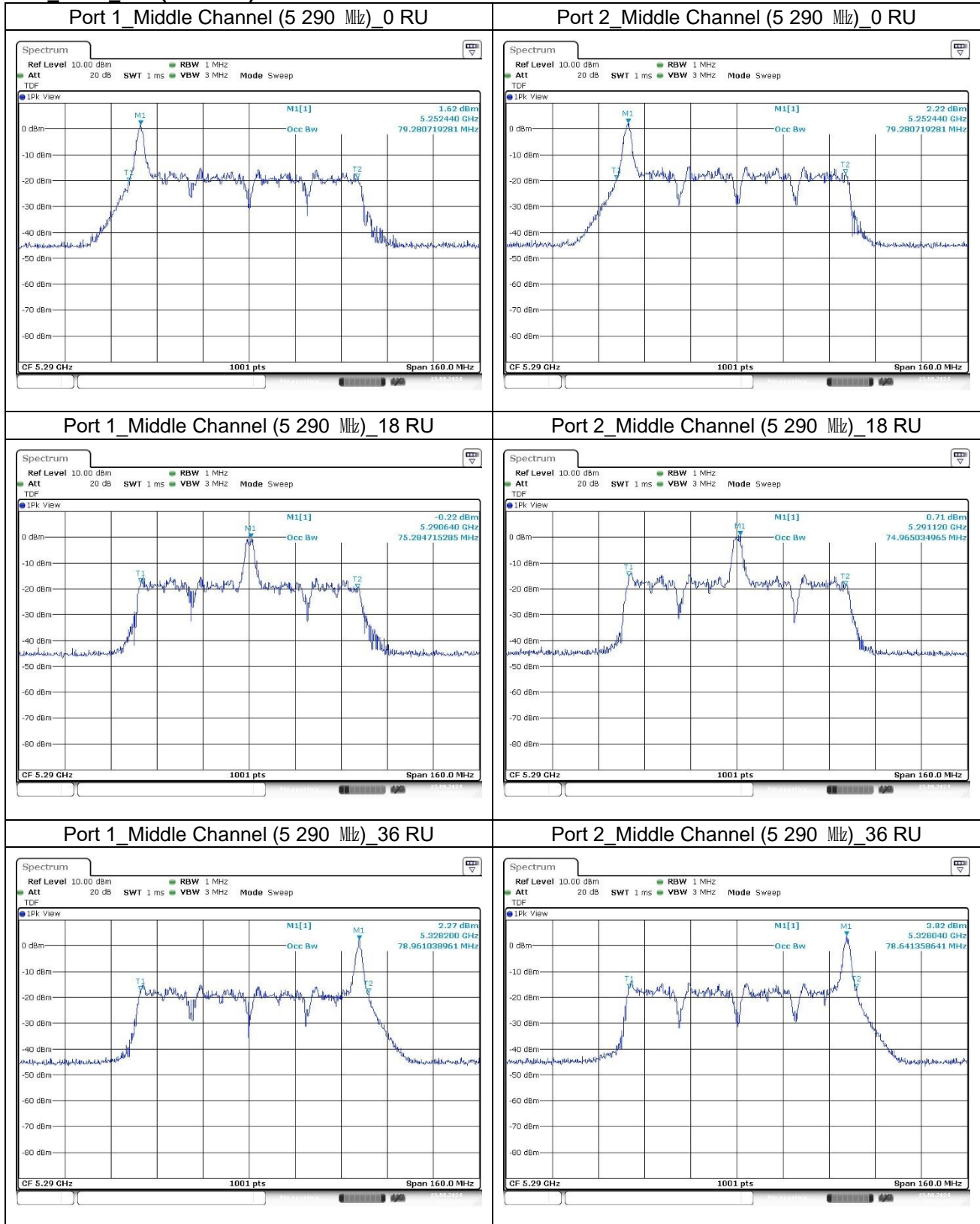
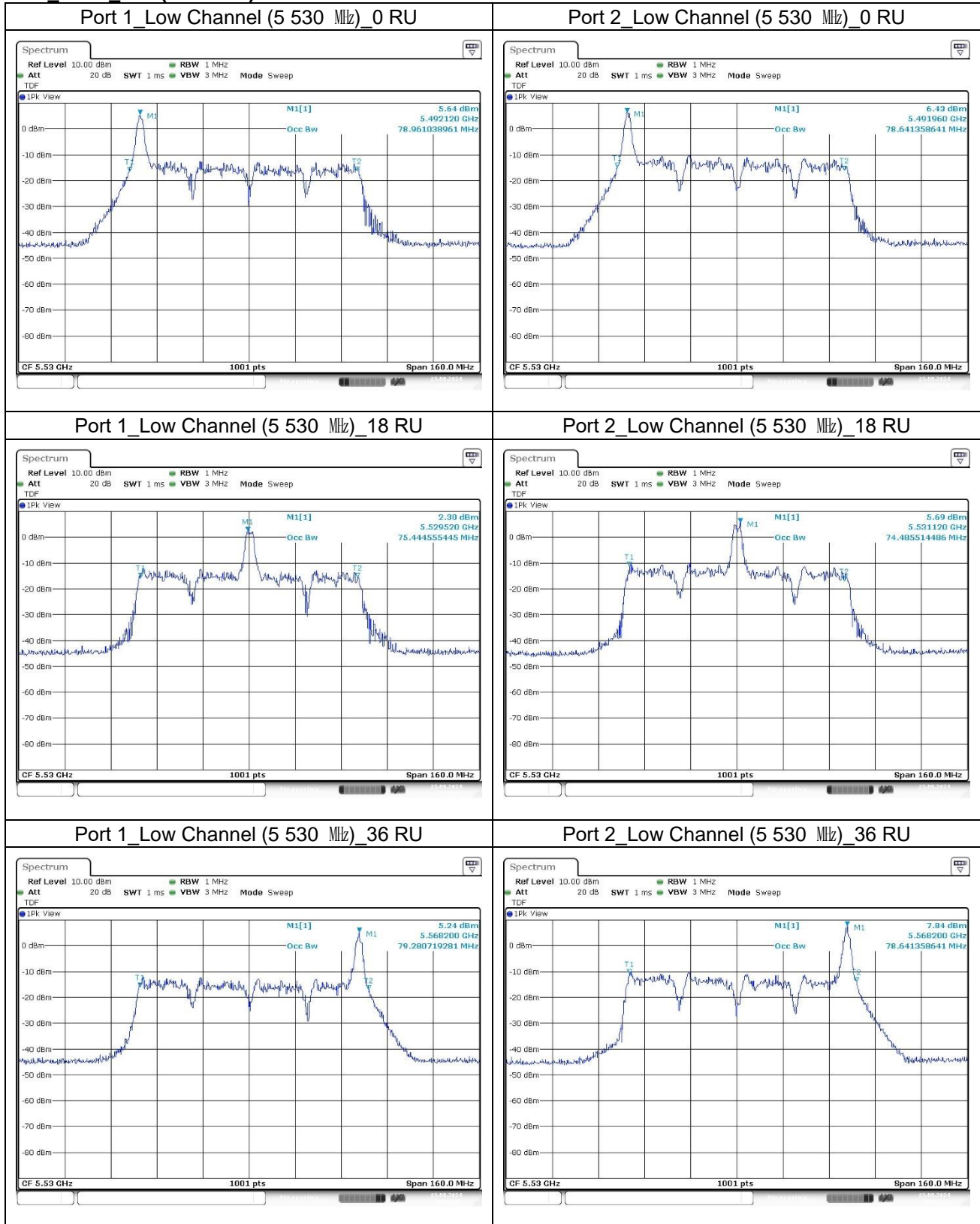


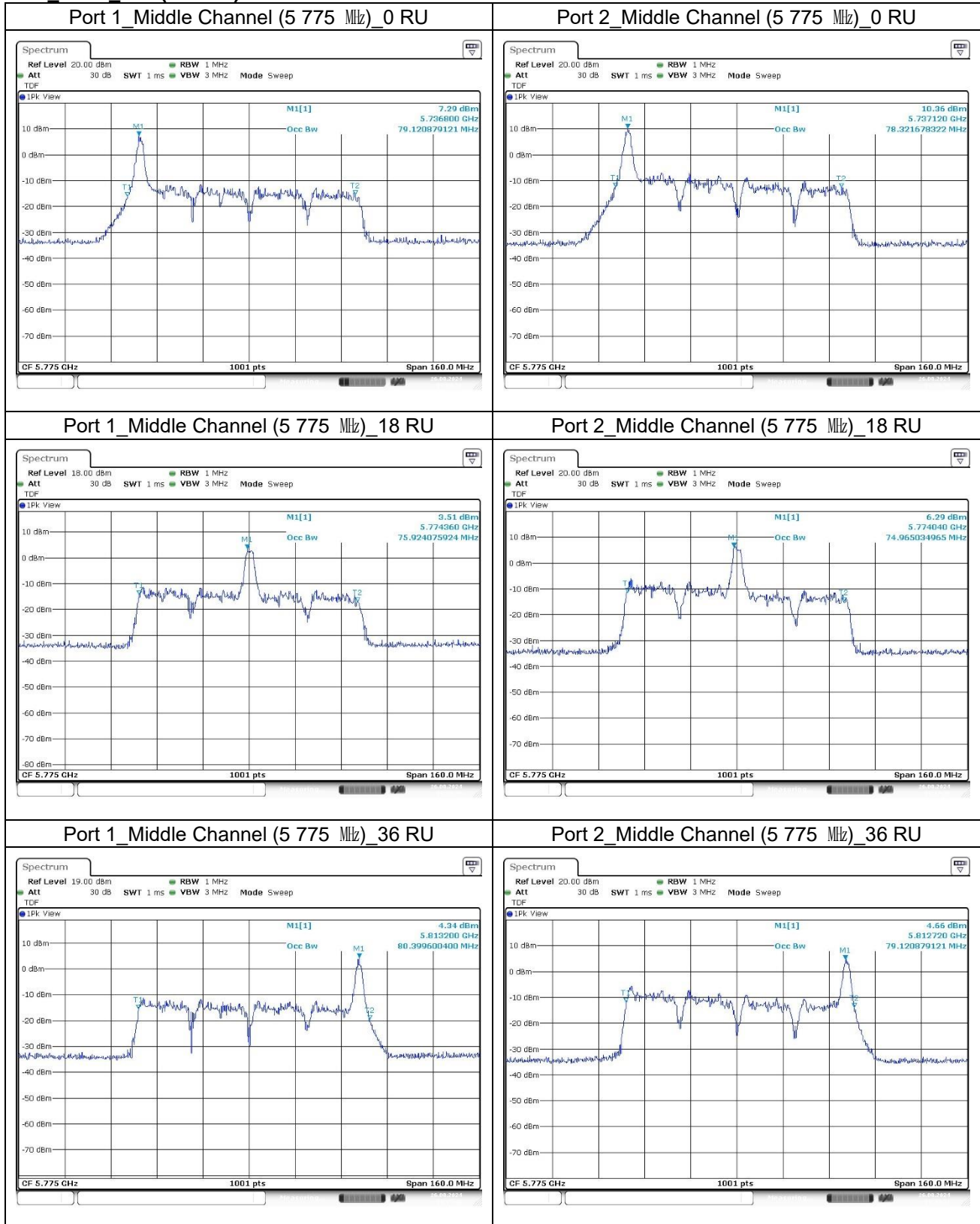
**11ax\_HE80\_26T (Band 2A)**



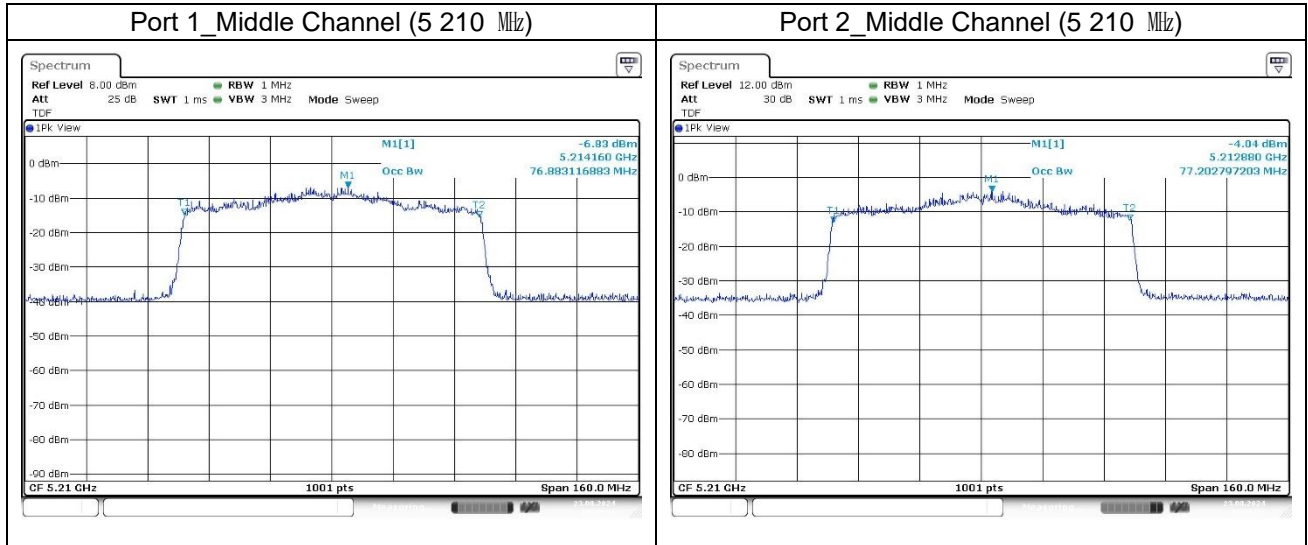
**11ax\_HE80\_26T (Band 2C)**



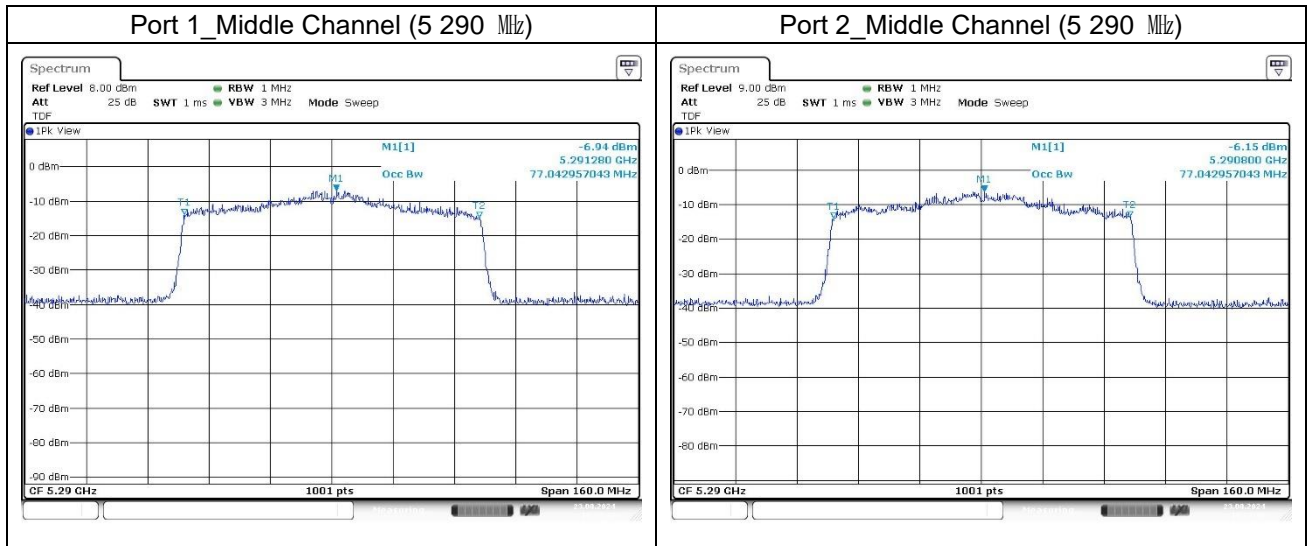
**11ax\_HE80\_26T (Band 3)**



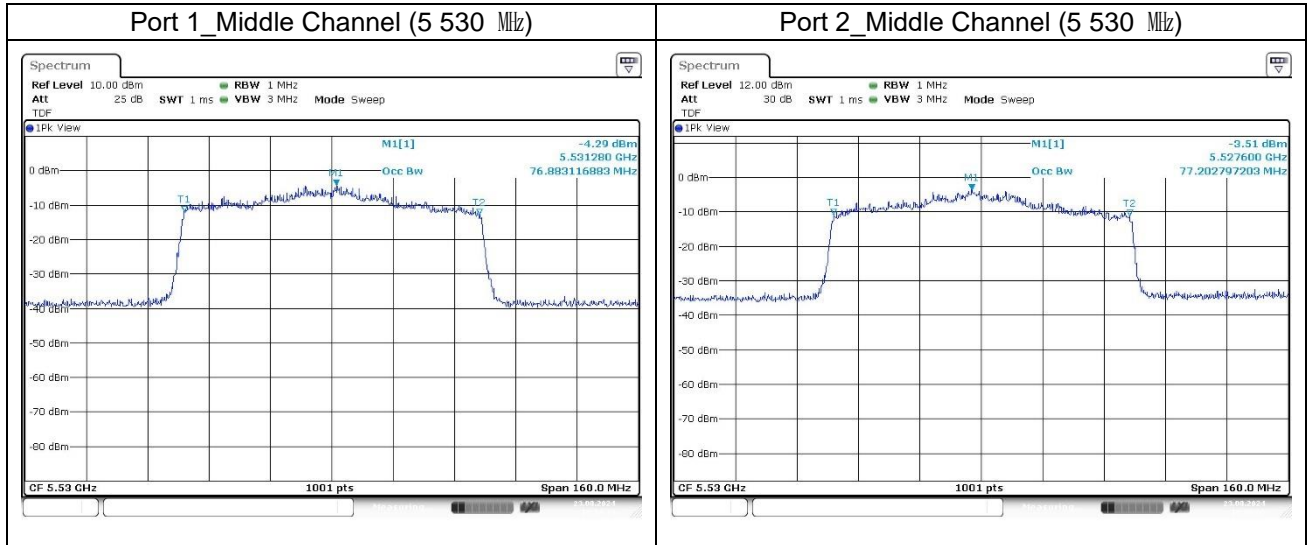
**11ax\_HE80\_SU (Band 1)**



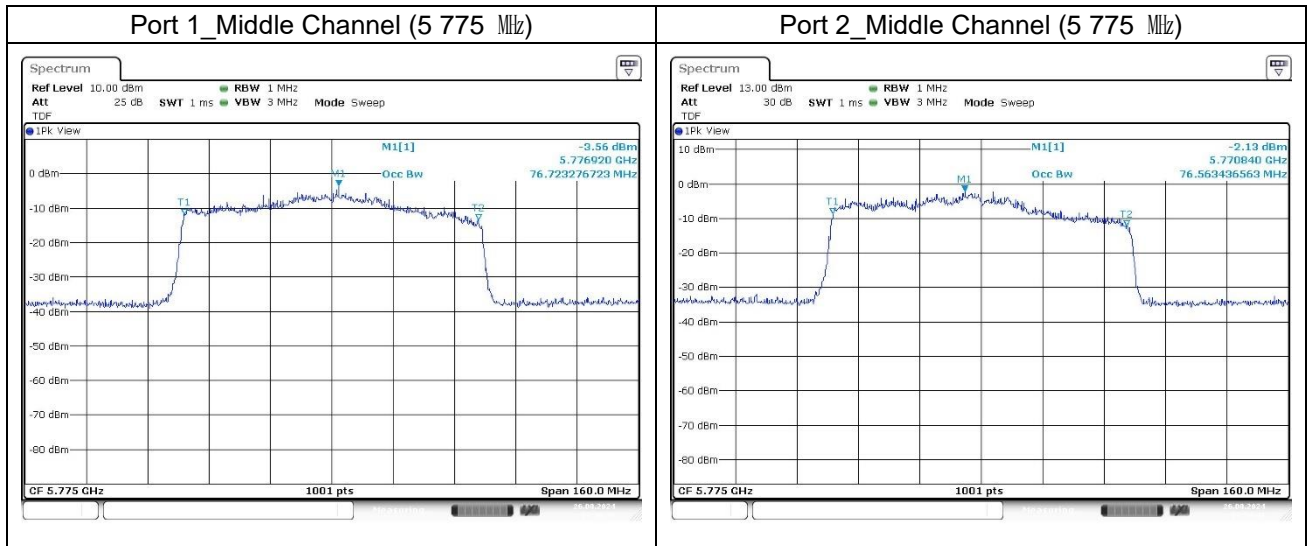
**11ax\_HE80\_SU (Band 2A)**



**11ax\_HE80\_SU (Band 2C)**



**11ax\_HE80\_SU (Band 3)**



## 4. 6 dB Bandwidth

### 4.1. Test Setup



### 4.2. Limit

#### 4.2.1. FCC

According to §15.407(e), within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

#### 4.2.2. IC

According to RSS-247 Issue 3, 6.2.4.2, for equipment operating in the band 5 725-5 850 MHz, the 6 dB bandwidth shall be at least 500 kHz.

### 4.3. Test Procedure

1. This measurement settings are specified in section II.C.2 of KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set RBW = 100 kHz.
3. Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

#### 4.4. Test Result

Ambient temperature : (23 ± 1) °C  
 Relative humidity : 47 % R.H.

#### - SISO

Band	Mode	Frequency (MHz)	Ch.	Tones	6 dB Bandwidth (MHz)			Minimum Bandwidth (kHz)
					RU Index			
					Low	Middle	High	
U-NII 3	11ax_HE20	5 745	149	26	2.138	2.697	2.118	500
		5 785	157		2.098	7.592	17.063	
		5 825	165		2.078	8.871	7.572	
		5 745	149	SU	-	15.804	-	
		5 785	157		-	16.364	-	
		5 825	165		-	12.028	-	
	11ax_HE40	5 755	151	26	2.158	2.158	2.158	
		5 795	159		2.118	2.158	2.118	
		5 755	151	SU	-	35.684	-	
		5 795	159		-	36.164	-	
	11ax_HE80	5 775	155	26	2.238	2.877	2.238	
				SU	-	62.737	-	

#### Band-crossing channels

Mode	Frequency (MHz)	Ch.	Tones	6 dB Bandwidth (MHz)
11ax_HE20	5 720	144	SU	2.642
11ax_HE40	5 710	142	SU	2.682
11ax_HE80	5 690	138	SU	2.682

**- MIMO(CDD)**

Band	Mode	Freq. (MHz)	Ch.	Tones	6 dB Bandwidth (MHz)						Minimum Bandwidth (kHz)
					RU Index						
					Low		Middle		High		
					Port 1	Port 2	Port 1	Port 2	Port 1	Port 2	
U-NII 3	11ax_HE20	5 745	149	26	2.118	2.118	2.637	2.677	2.098	2.118	500
		5 785	157		2.118	3.317	2.637	2.677	2.058	2.098	
		5 825	165		2.138	2.118	8.891	9.191	7.313	7.513	
		5 745	149	SU	-	-	16.324	16.244	-	-	
		5 785	157		-	-	16.024	13.886	-	-	
		5 825	165		-	-	12.088	12.068	-	-	
	11ax_HE40	5 755	151	26	2.158	2.158	2.118	2.158	2.118	2.158	
		5 795	159		2.158	2.158	2.118	2.158	2.118	2.158	
		5 755	151	SU	-	-	36.004	35.125	-	-	
		5 795	159		-	-	35.884	35.165	-	-	
	11ax_HE80	5 775	155	26	2.158	2.158	2.797	2.797	2.238	2.238	
				SU	-	-	61.459	52.747	-	-	

**Band-crossing channels**

Mode	Frequency (MHz)	Ch.	Tones	6 dB Bandwidth (MHz)	
				Port 1	Port 2
11ax_HE20	5 720	144	SU	2.602	3.561
11ax_HE40	5 710	142	SU	2.602	3.282
11ax_HE80	5 690	138	SU	1.404	2.682



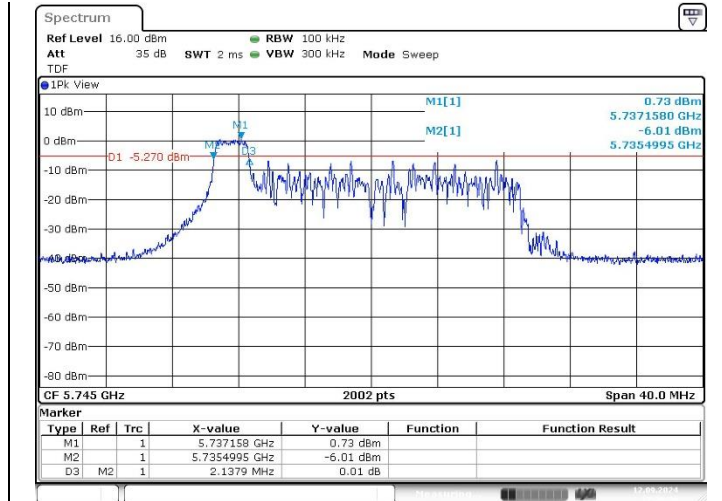
- Test plots

SISO

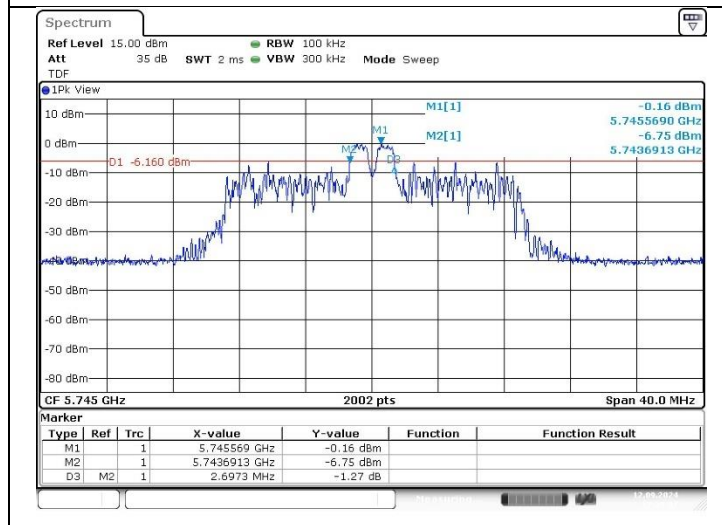
11ax\_HE20\_26T (Band 3)

0 RU

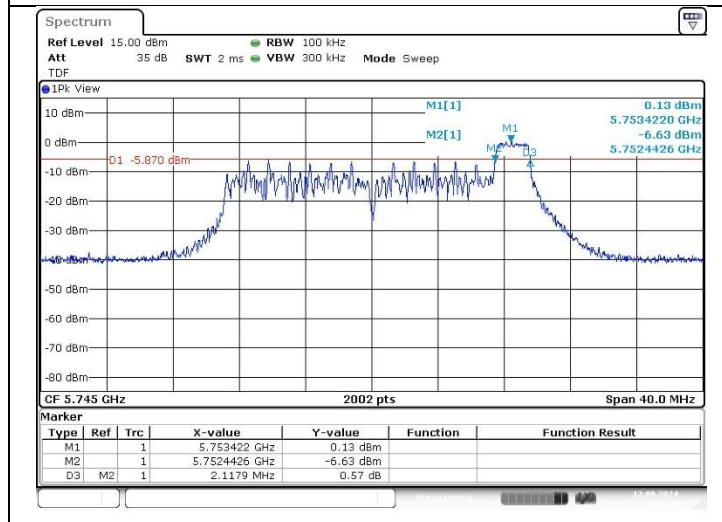
Low Channel (5 745 MHz)



4 RU

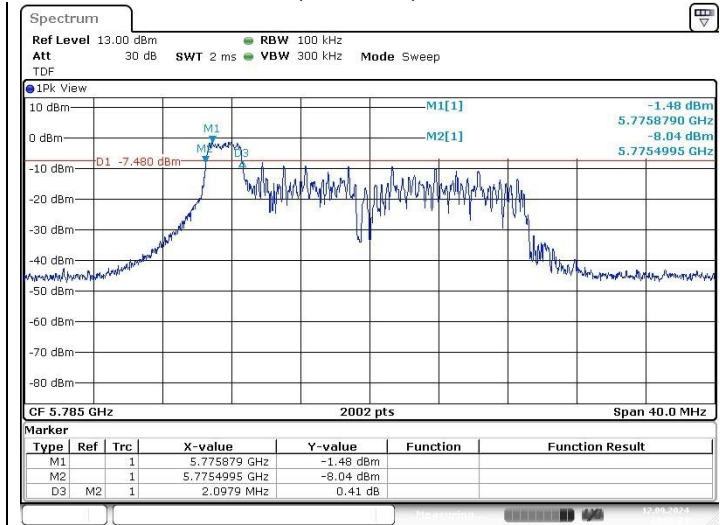


8 RU

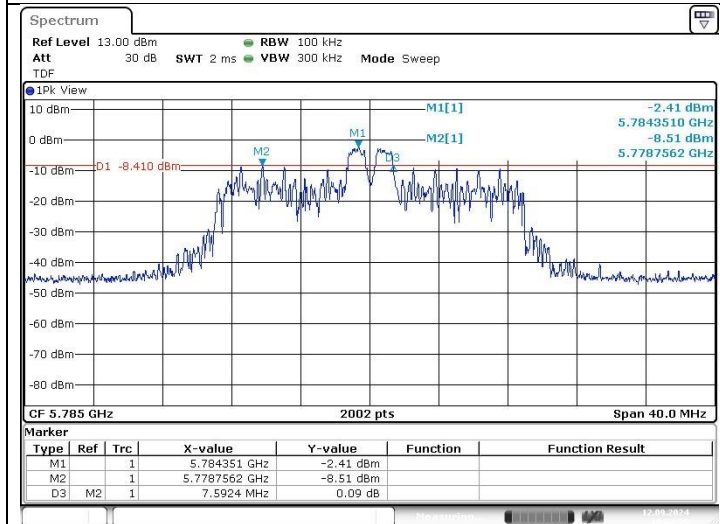


0 RU

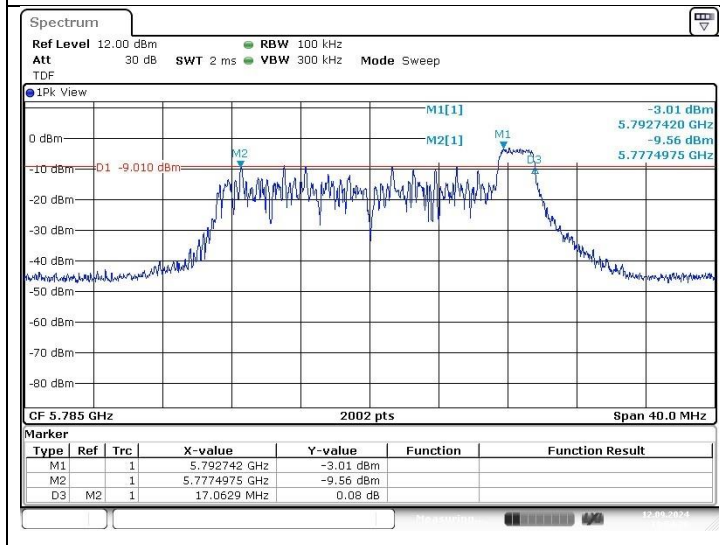
Middle Channel (5 785 MHz)



4 RU

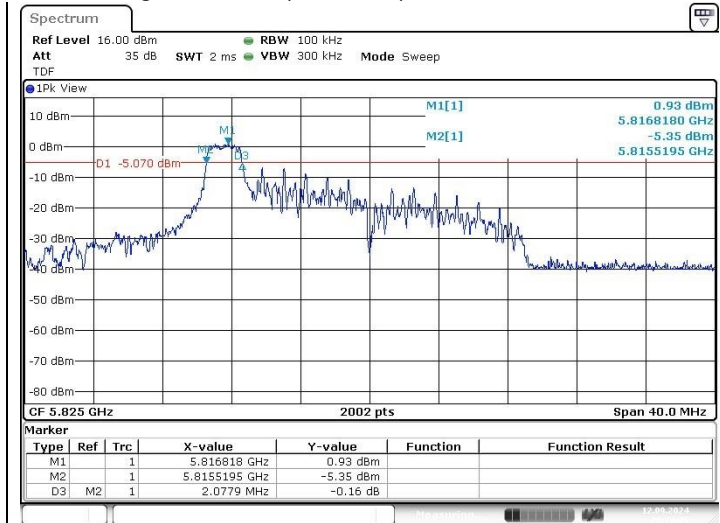


8 RU

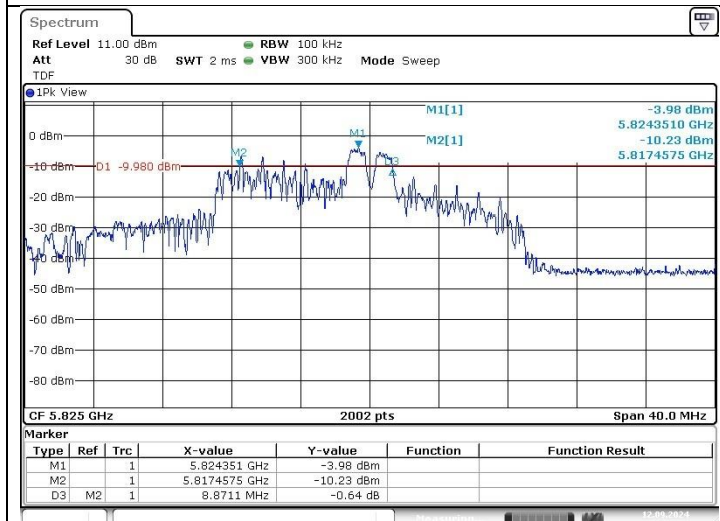


**High Channel (5 825 MHz)**

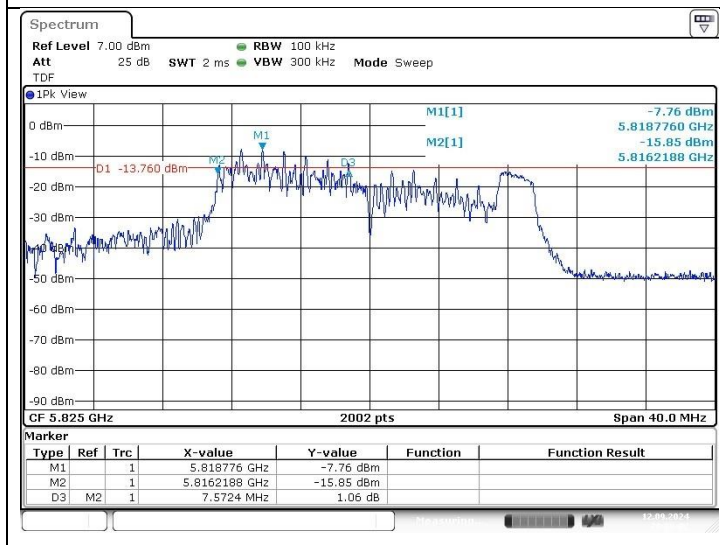
0 RU



4 RU

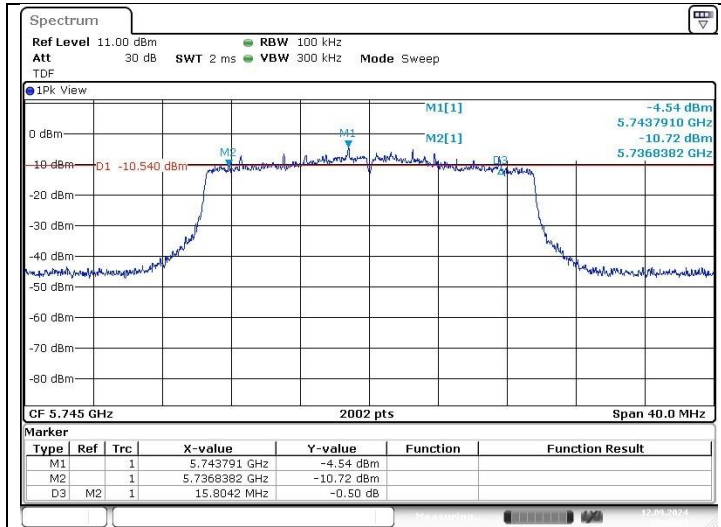


8 RU

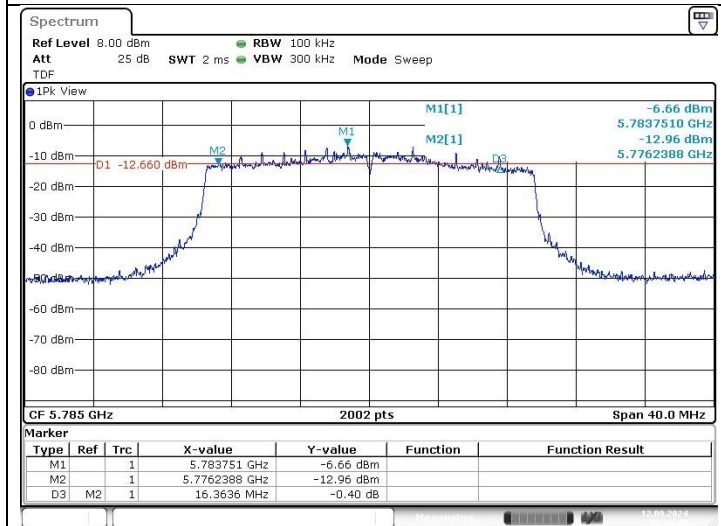


**11ax\_HE20\_SU (Band 3)**

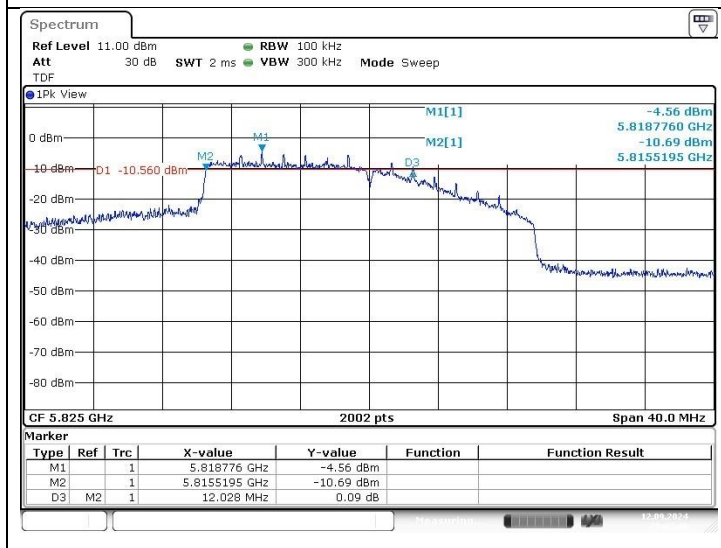
Low Channel  
(5 745 MHz)



Middle Channel  
(5 785 MHz)



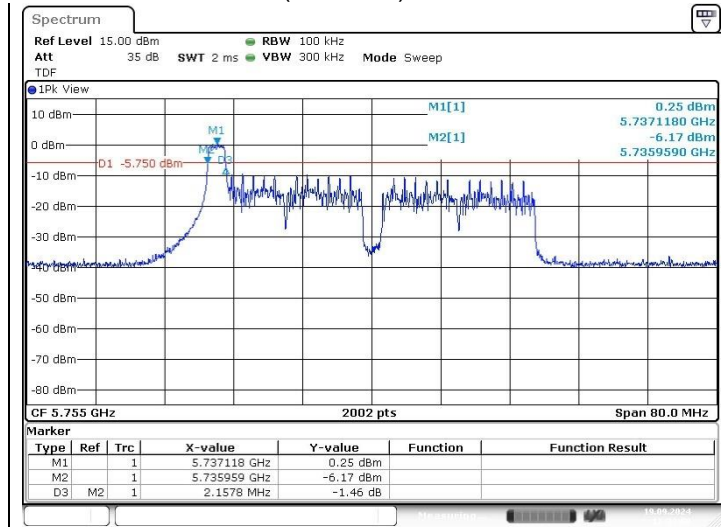
High Channel  
(5 825 MHz)



11ax\_HE40\_26T (Band 3)

0 RU

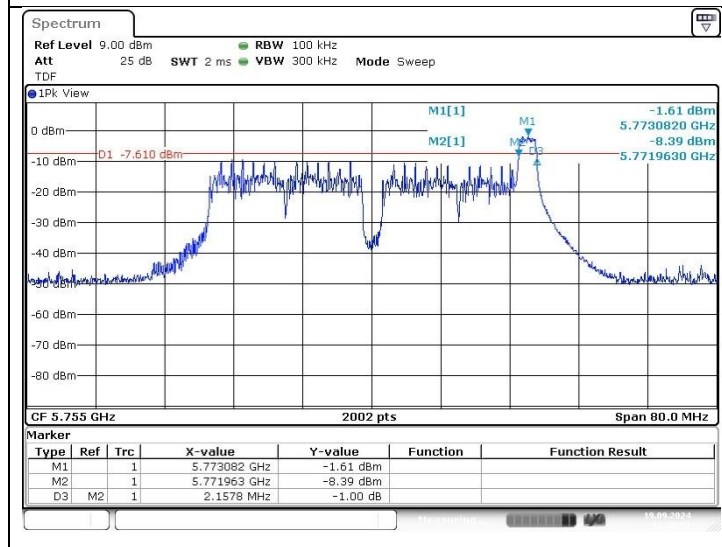
Low Channel (5 755 MHz)



9 RU

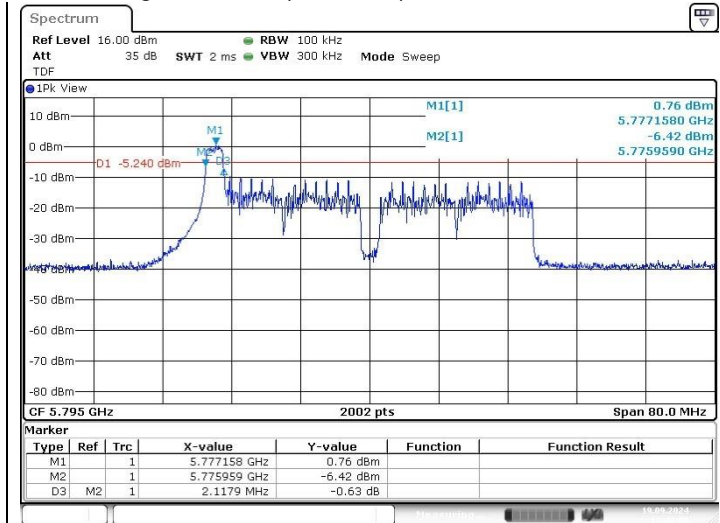


17 RU

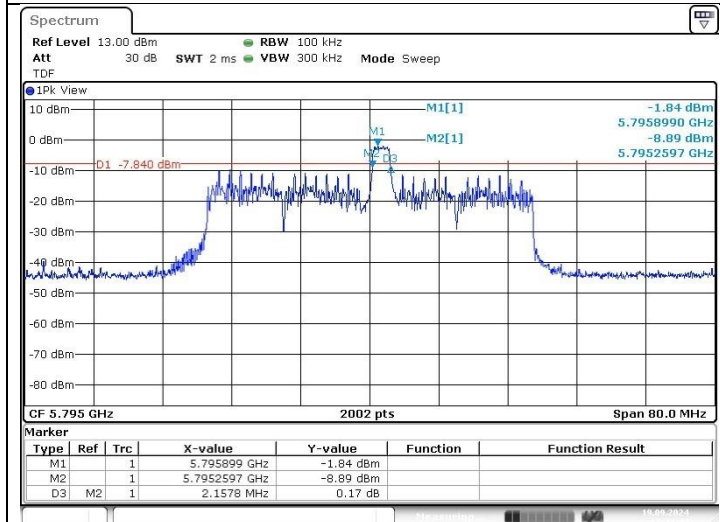


**High Channel (5 795 MHz)**

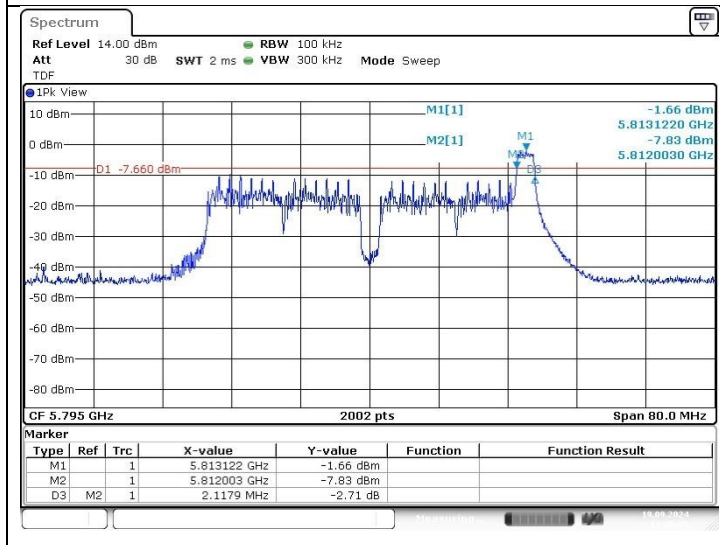
0 RU



9 RU

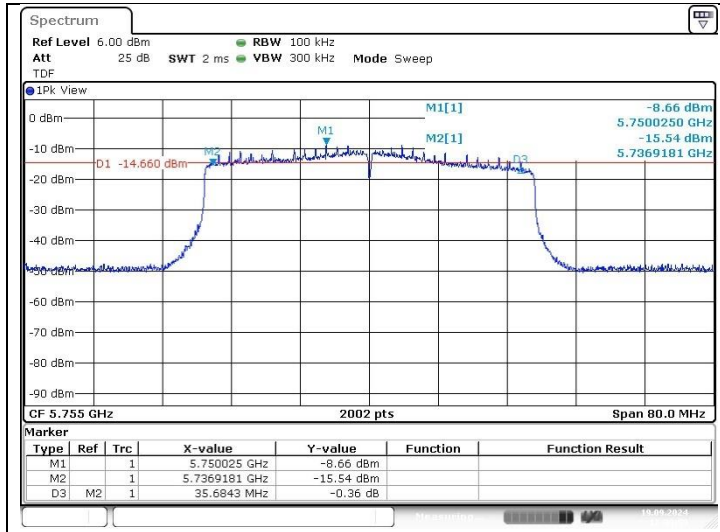


17 RU

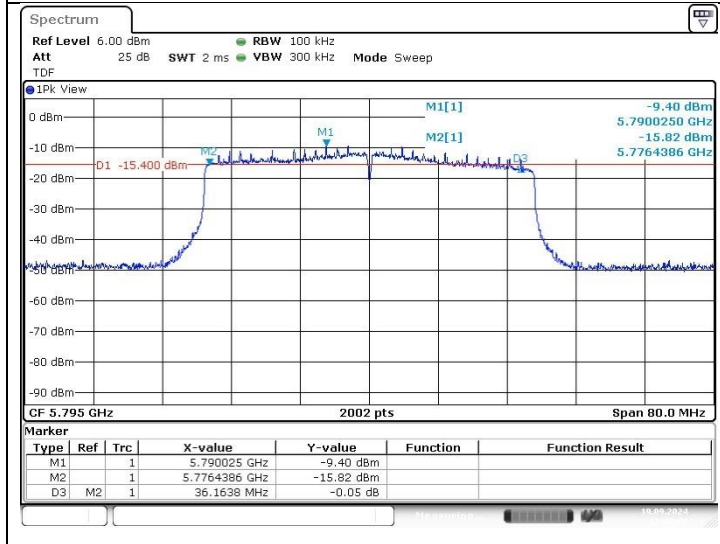


**11ax\_HE40\_SU (Band 3)**

Low Channel  
(5 755 MHz)



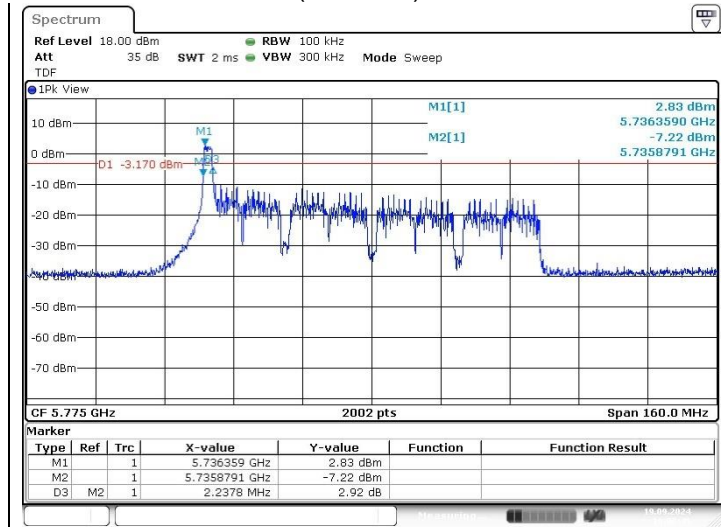
High Channel  
(5 795 MHz)



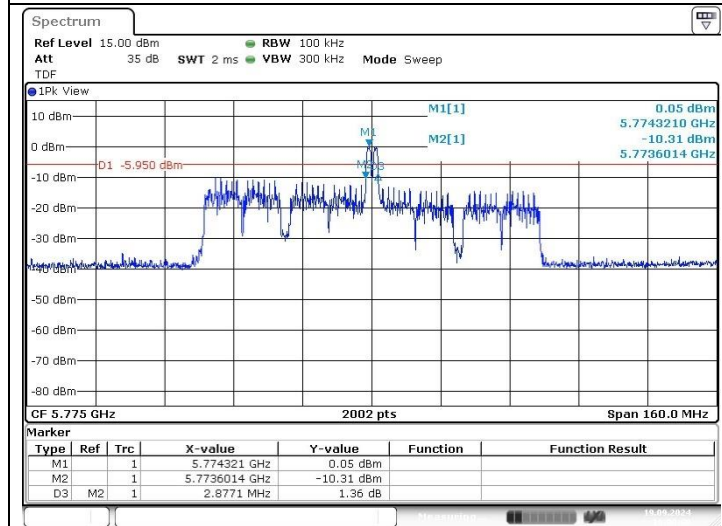
11ax\_HE80\_26T (Band 3)

0 RU

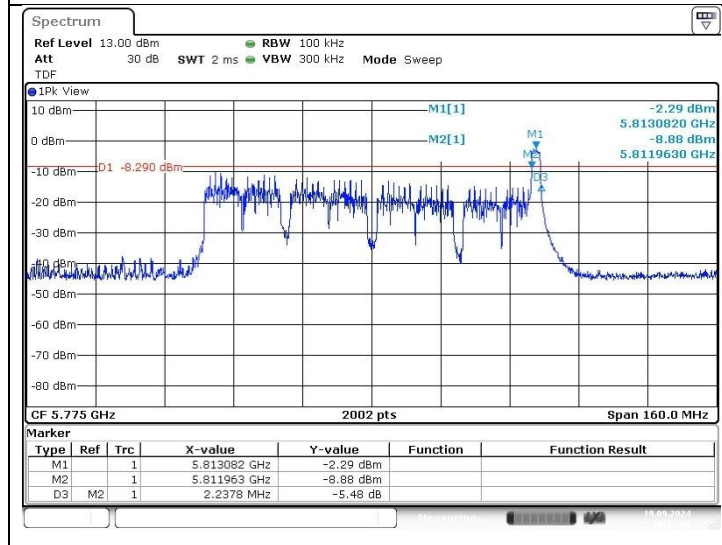
Middle Channel (5 775 MHz)



18 RU



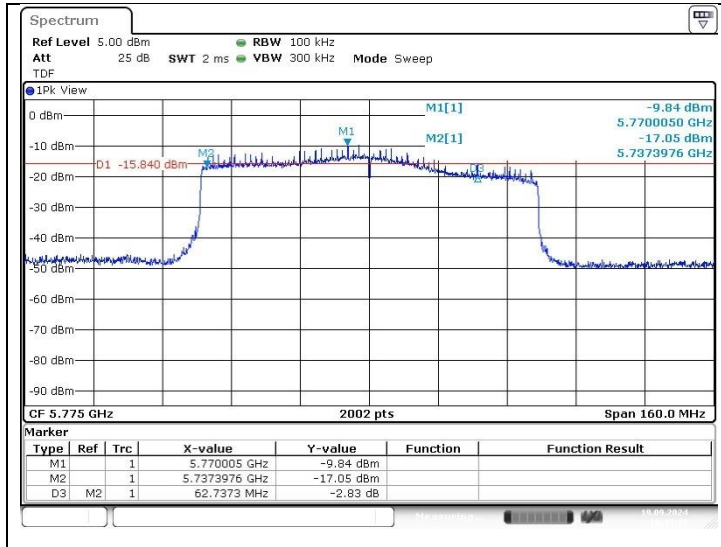
36 RU





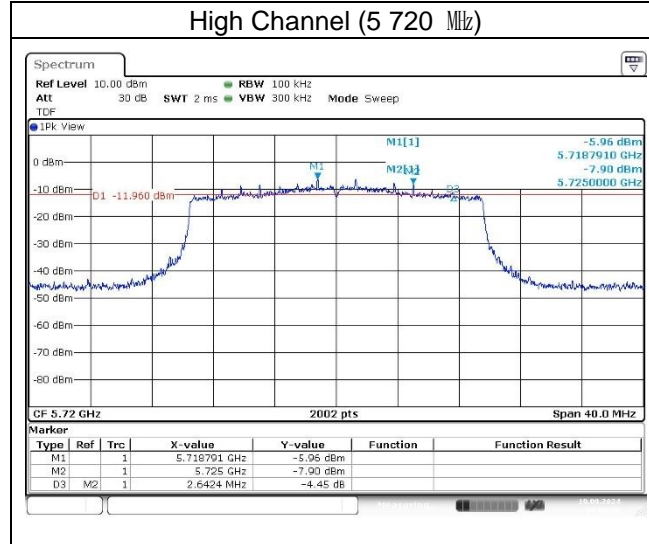
**11ax\_HE80\_SU (Band 3)**

Middle Channel  
(5 775 MHz)

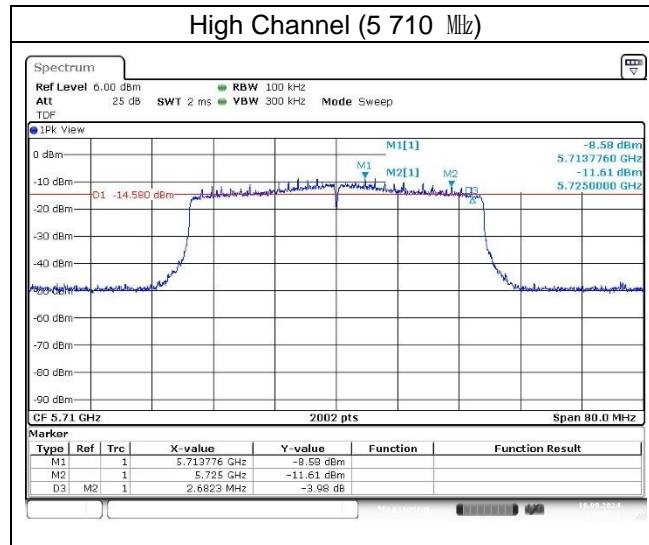


**Band-crossing channels**

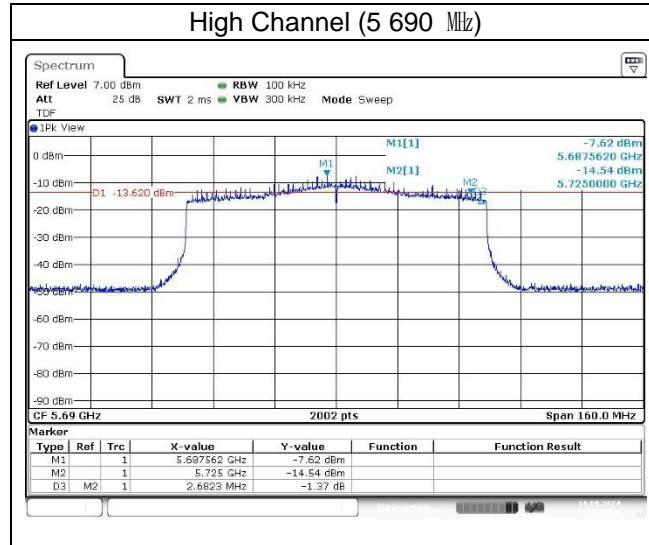
**11ax\_HE20\_SU (Band 2C)**



**11ax\_HE40\_SU (Band 2C)**



11ax\_HE80\_SU (Band 2C)



**MIMO(CDD)**

**11ax\_HE20\_26T (Band 3)**

