

Bandwidth 160M\_80U Ch.50 (5250 MHz) 26T RU 0

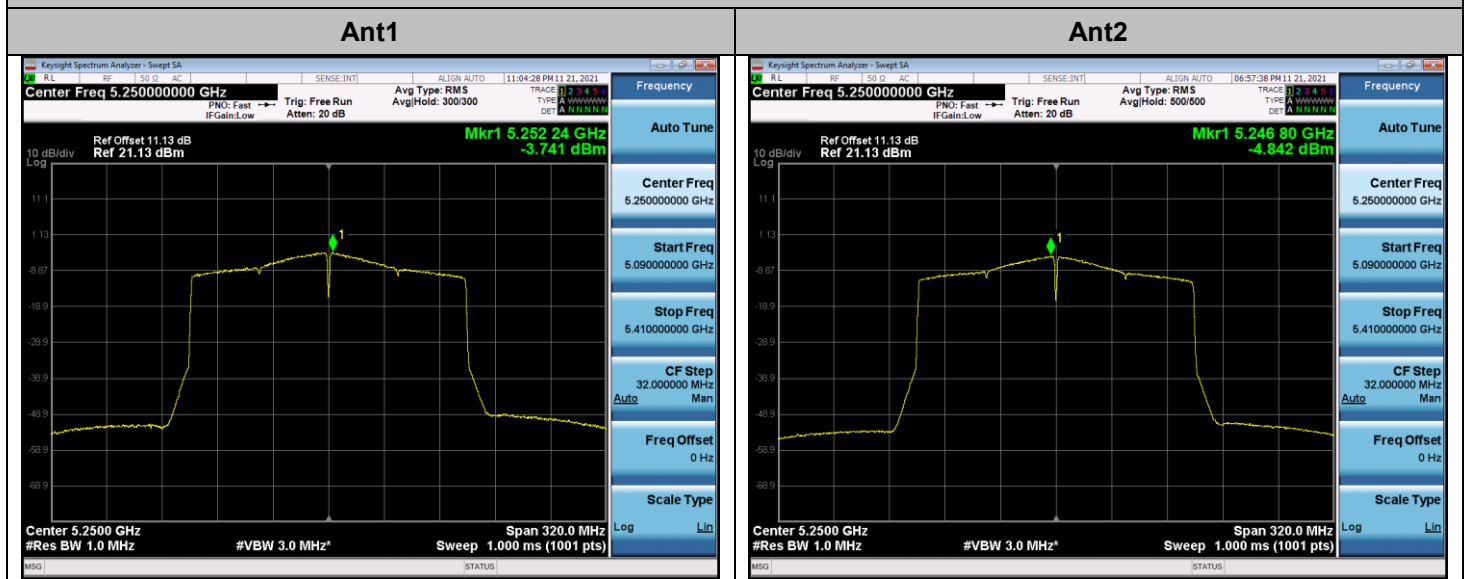


SUM PSD (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
7.477	0.000	7.477

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

Bandwidth 160M\_SU Ch.50 (5250 MHz) SU



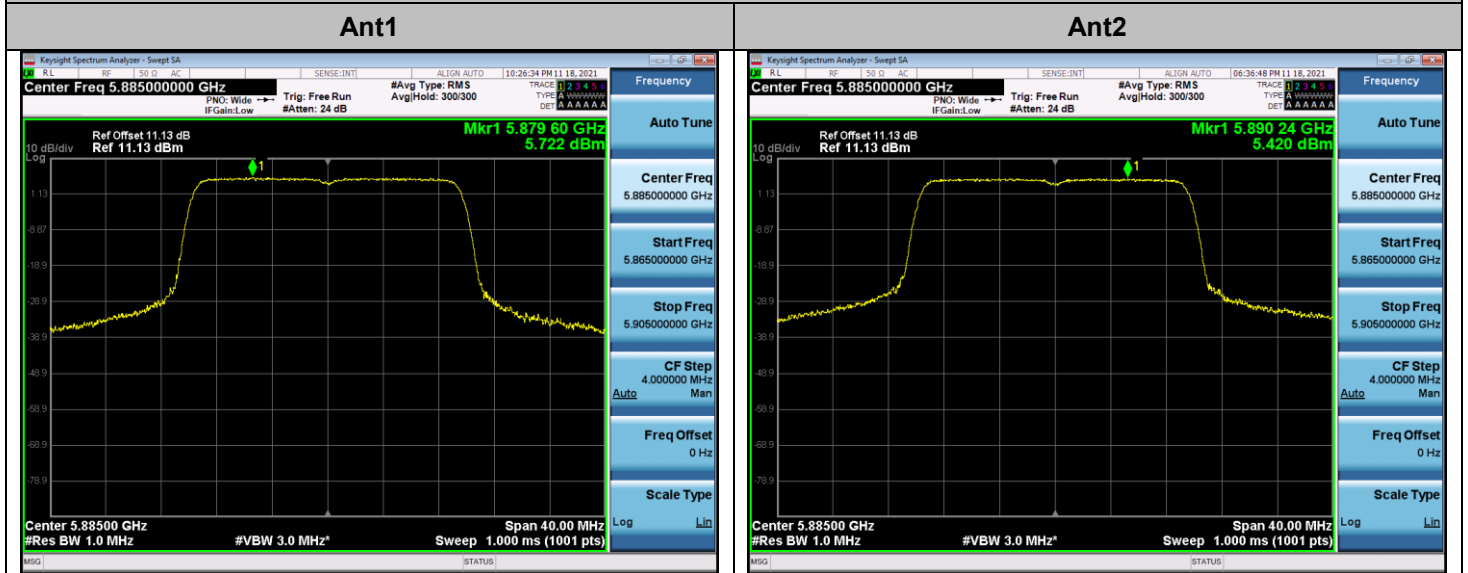
SUM PSD (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
-1.246	0.000	-1.246

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

## UNII-4 Band(EIRP)

Bandwidth 20M Ch.177 (5885 MHz) SU

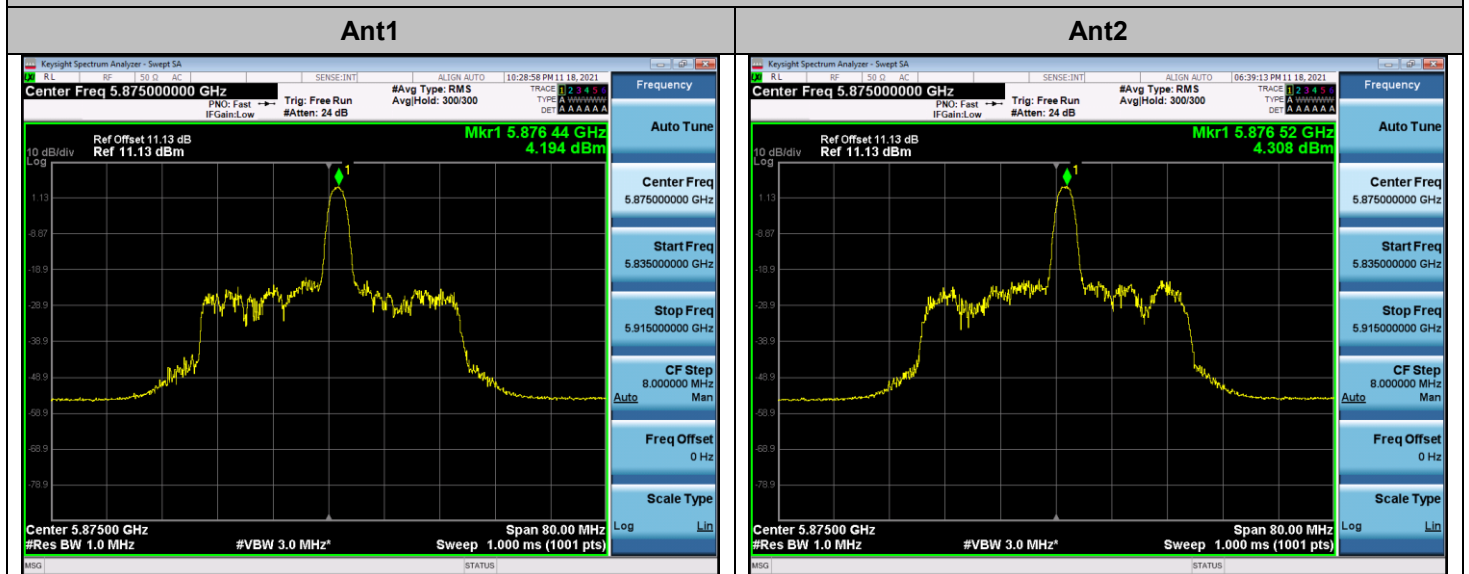


Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
8.584	-3.86	4.726

### Note:

- Duty Cycle Factor (dB): 0.000
- Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
- EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)

**Bandwidth 40M Ch.175 (5875 MHz) 26 Tones RU 9**

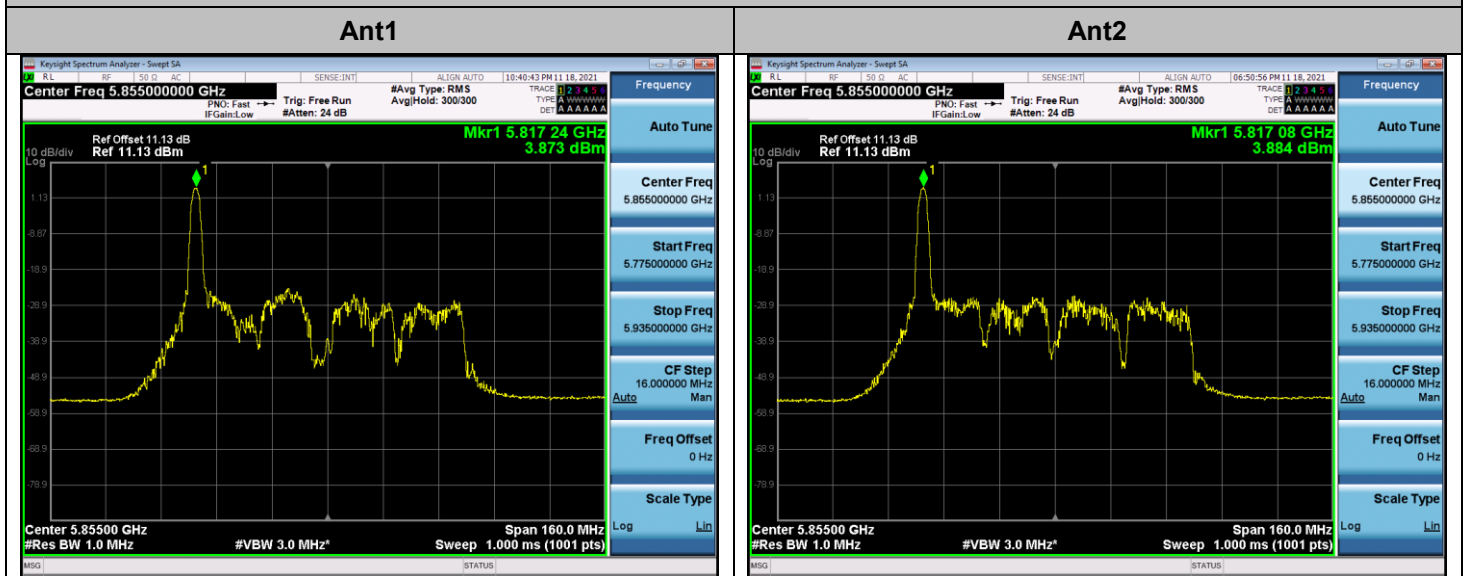


Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
7.262	-3.86	3.403

**Note:**

1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)

**Bandwidth 80M Ch.171 (5855 MHz) 26 Tones RU 0**

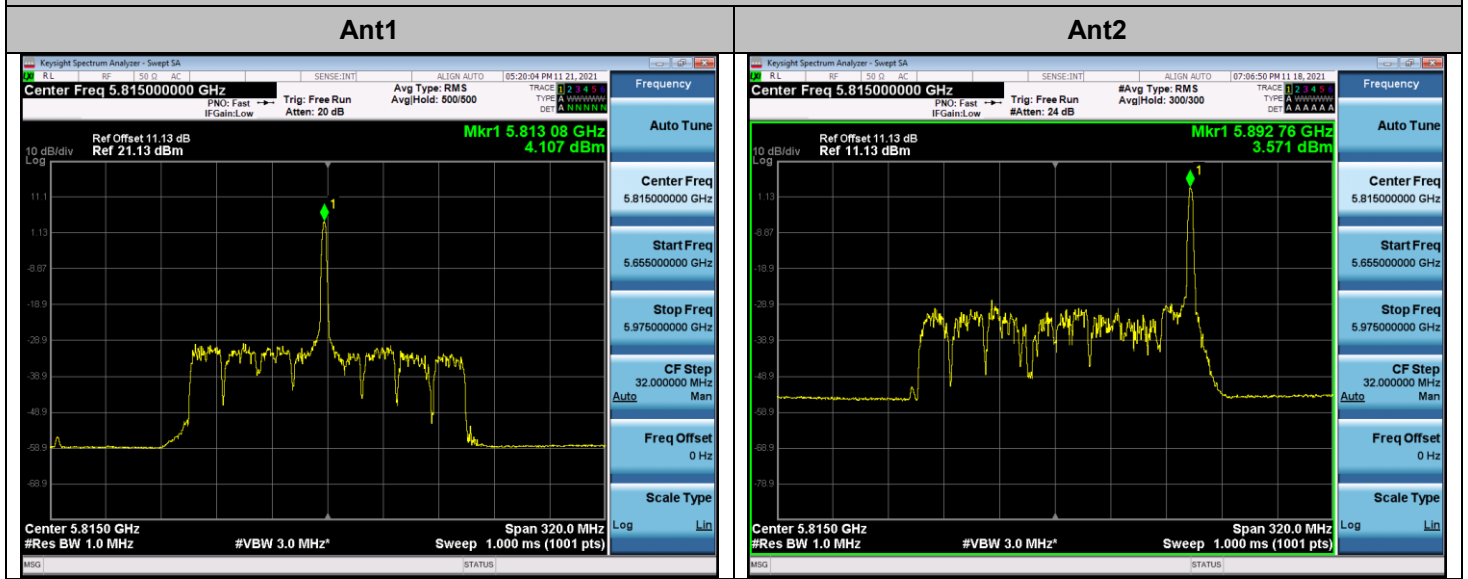


Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
6.889	-3.86	3.030

**Note:**

1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)

Bandwidth 160M\_80L Ch.163 (5815 MHz) 26 Tones RU 36

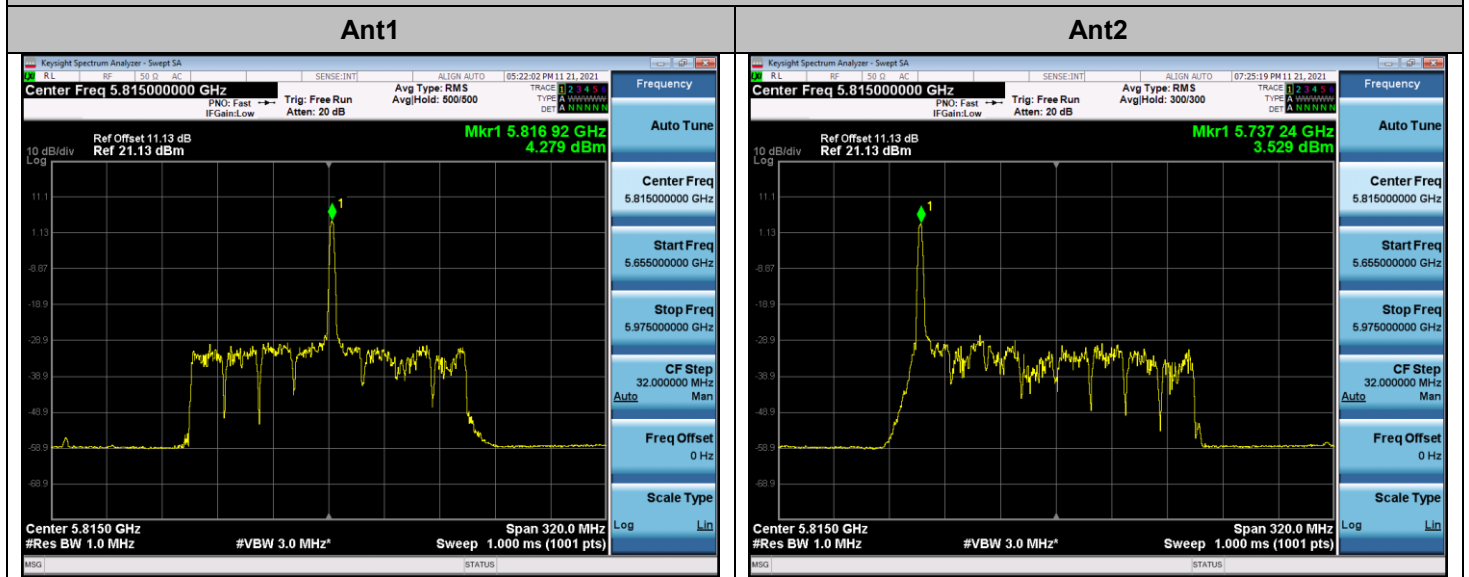


Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
6.858	-3.86	2.999

**Note:**

1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)

Bandwidth 160M\_80U Ch.163 (5815 MHz) 26 Tones RU 0

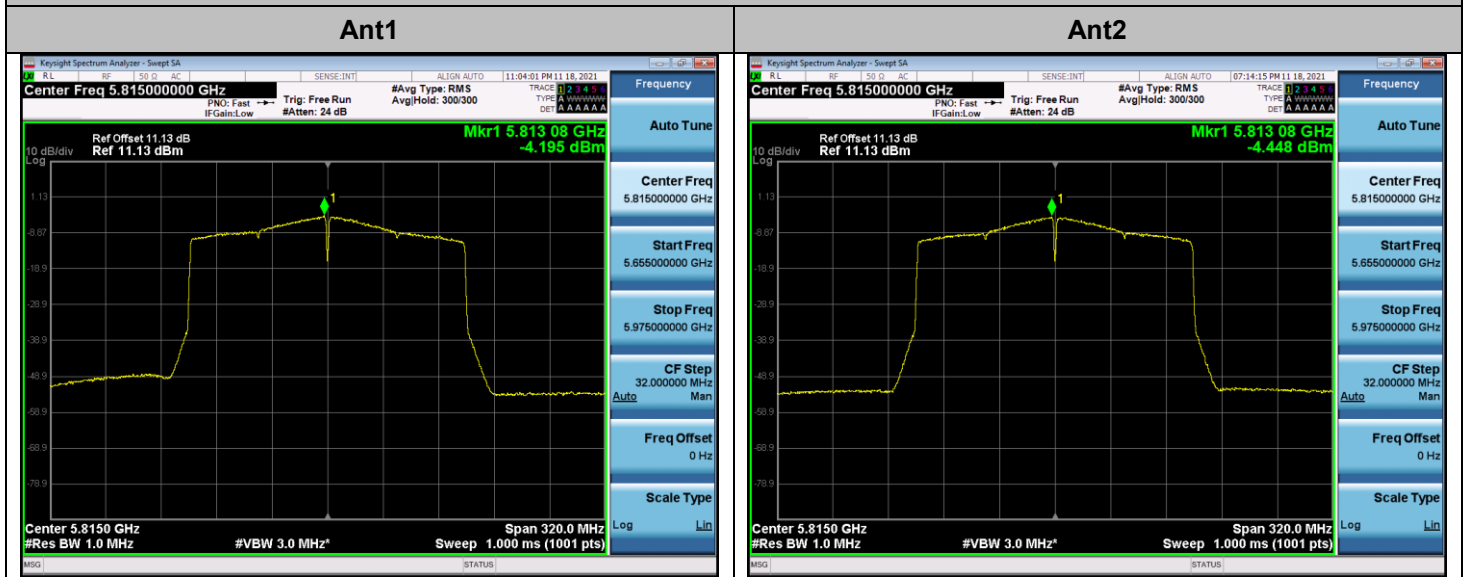


Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
6.793	-3.86	2.935

**Note:**

1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)

Bandwidth 160M\_SU Ch.163 (5815 MHz) SU



Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
-1.309	-3.86	-5.168

**Note:**

1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Total PSD (dBm) + Directional Gain (dBi)



## 5. Straddle Channel

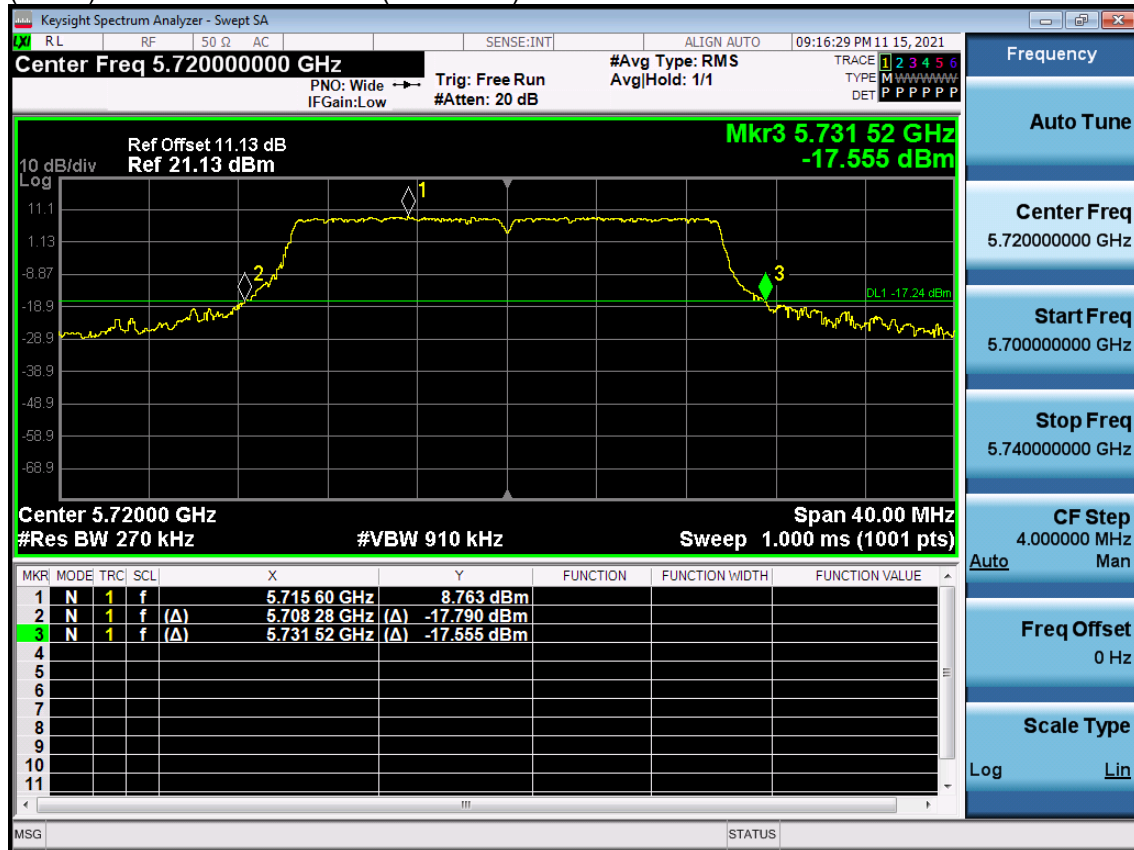
### 5.1 26 dB Bandwidth

#### Note:

1. In order to simplify the report, attached plots were only the most wide channel. (UNII1~4)

#### 5.1.1 MIMO Ant1

(26 dB) Bandwidth 20M Ch.144(5720 MHz) SU

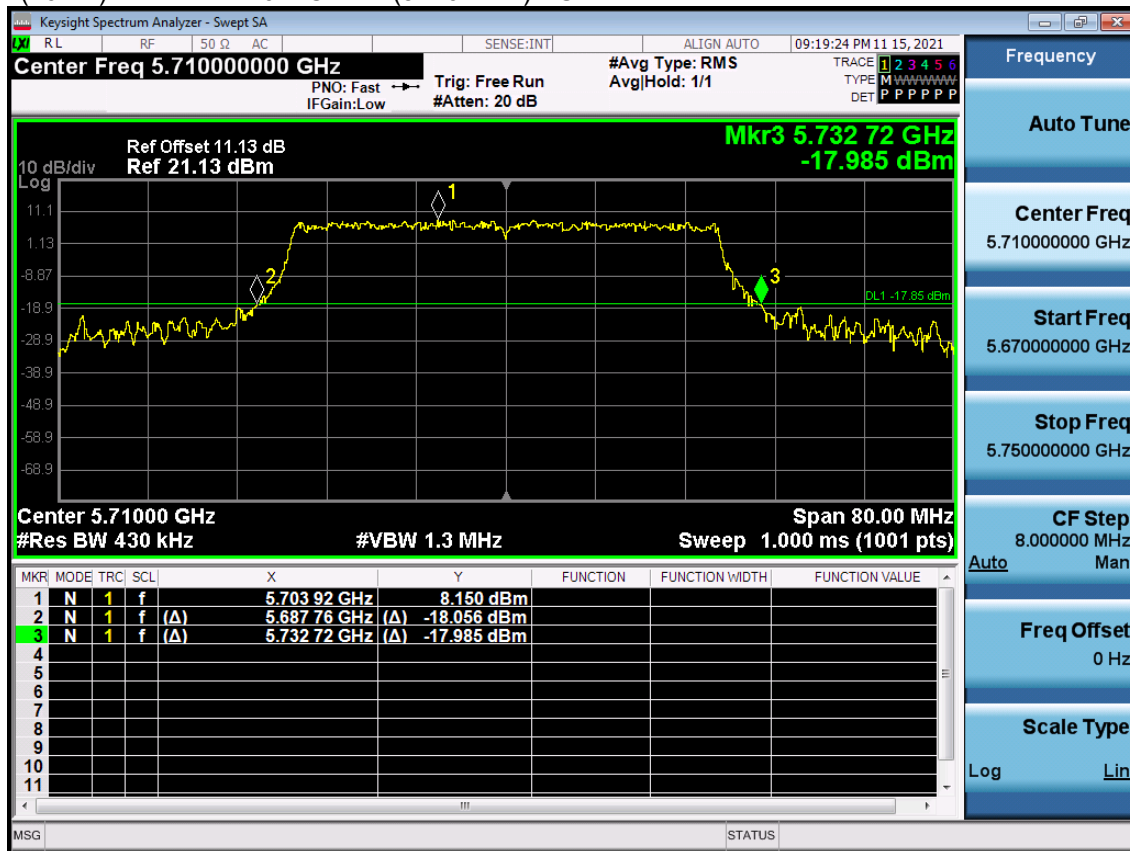


UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5708.28	16.72
UNII 3	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5731.52	5725	6.52

#### Note:

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]
2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz

(26 dB) Bandwidth 40M Ch.142(5710 MHz) SU



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5687.76	37.24
UNII 3	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5732.72	5725	7.72

**Note:**

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]
2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] - 5725 MHz

(26 dB) Bandwidth 80M Ch.138(5690 MHz) 996 Tones RU 67



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5645.2	79.80
UNII 3	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5735.12	5725	10.12

**Note:**

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]
2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz

### 5.1.2 MIMO Ant2

(26 dB) Bandwidth 20M Ch.144(5720 MHz) 106 Tones RU 53



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5708.72	16.28

#### Note:

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]

(26 dB) Bandwidth 20M Ch.144(5720 MHz) SU



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5732.48	5725	7.48

**Note:**

1. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz

(26 dB) Bandwidth 40M Ch.142(5710 MHz) SU

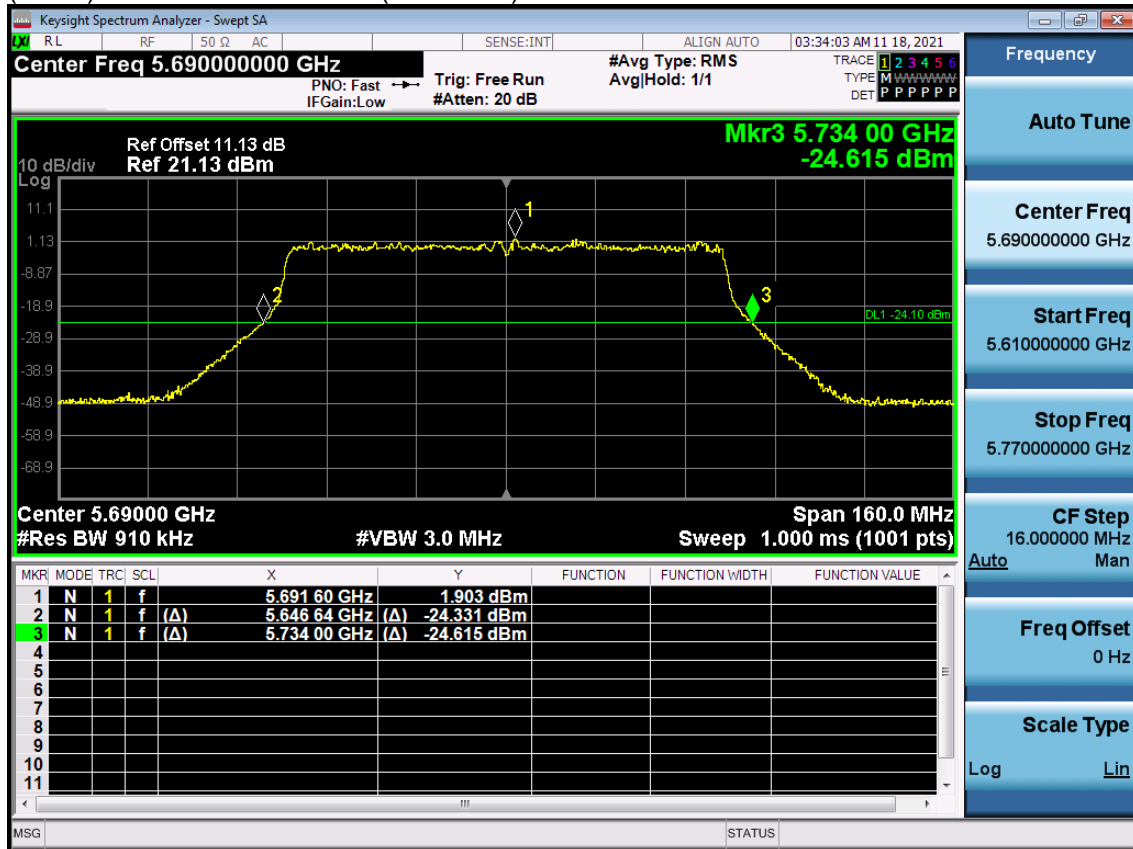


UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5687.12	37.88
UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5732.24	5725	7.24

**Note:**

1. [UNII 2C] 26dB Bandwidth = 5725 MHz - Measured Frequency[MHz]
2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz

(26 dB) Bandwidth 80M Ch.138(5690 MHz) 996 Tones RU 67

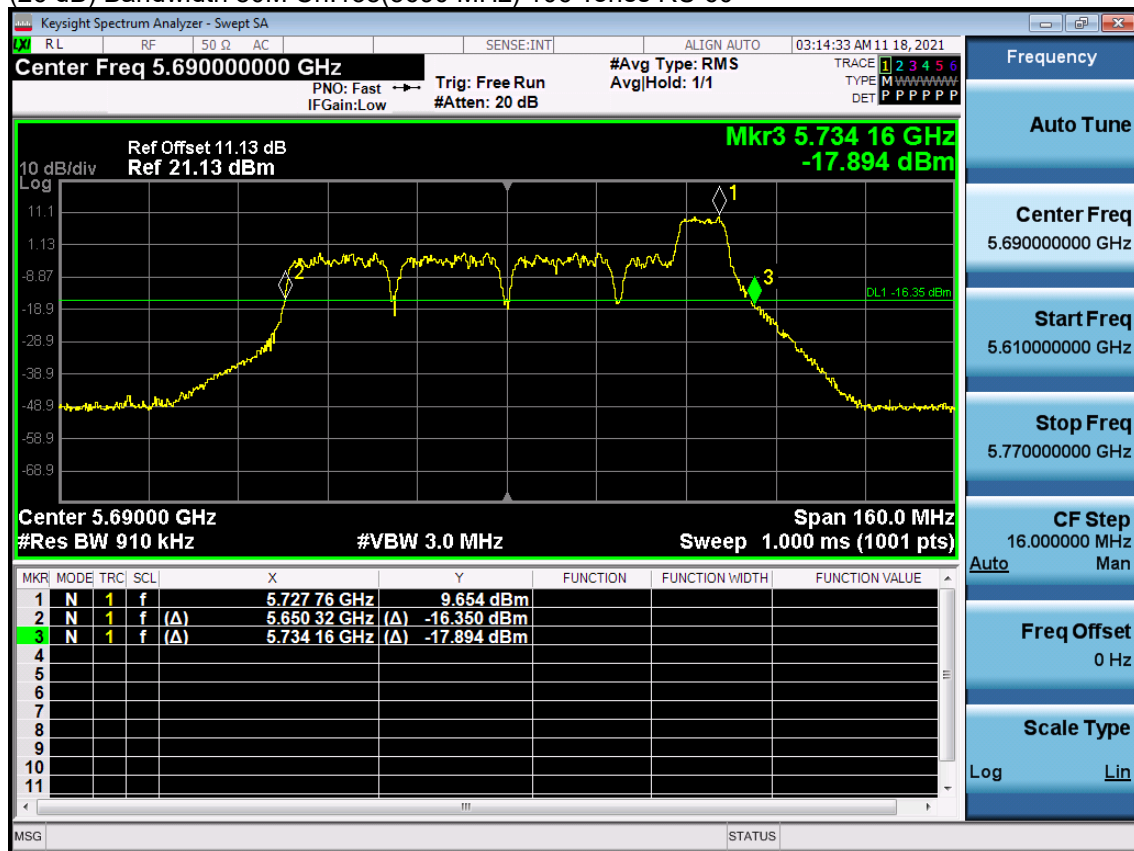


UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5646.64	78.36

**Note:**

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]

(26 dB) Bandwidth 80M Ch.138(5690 MHz) 106 Tones RU 60



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5734.16	5725	9.16

**Note:**

1. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz



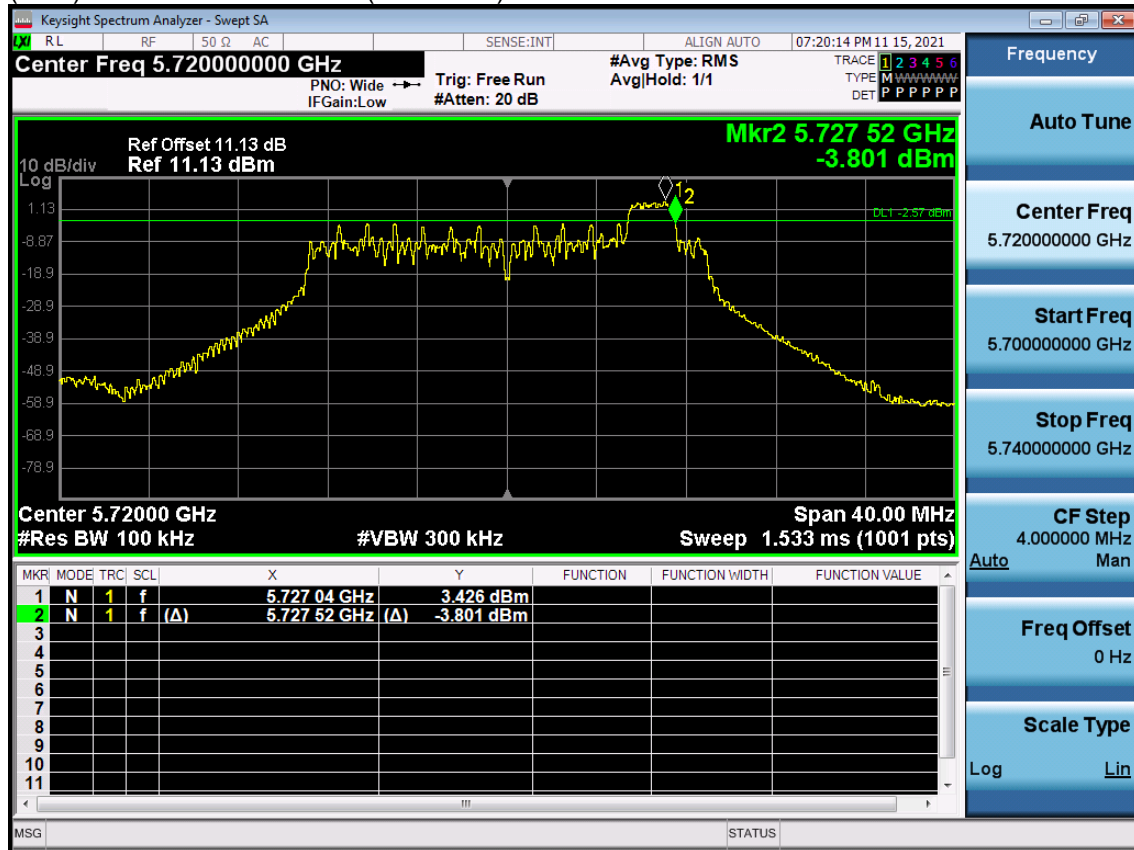
## 5.2 6 dB Bandwidth

### Note:

1. In order to simplify the report, attached plots were only the most narrow channel. (UNI11~4)

### 5.2.1 MIMO Ant1

(6 dB) Bandwidth 20M Ch.144(5720 MHz) 26 Tones RU 7

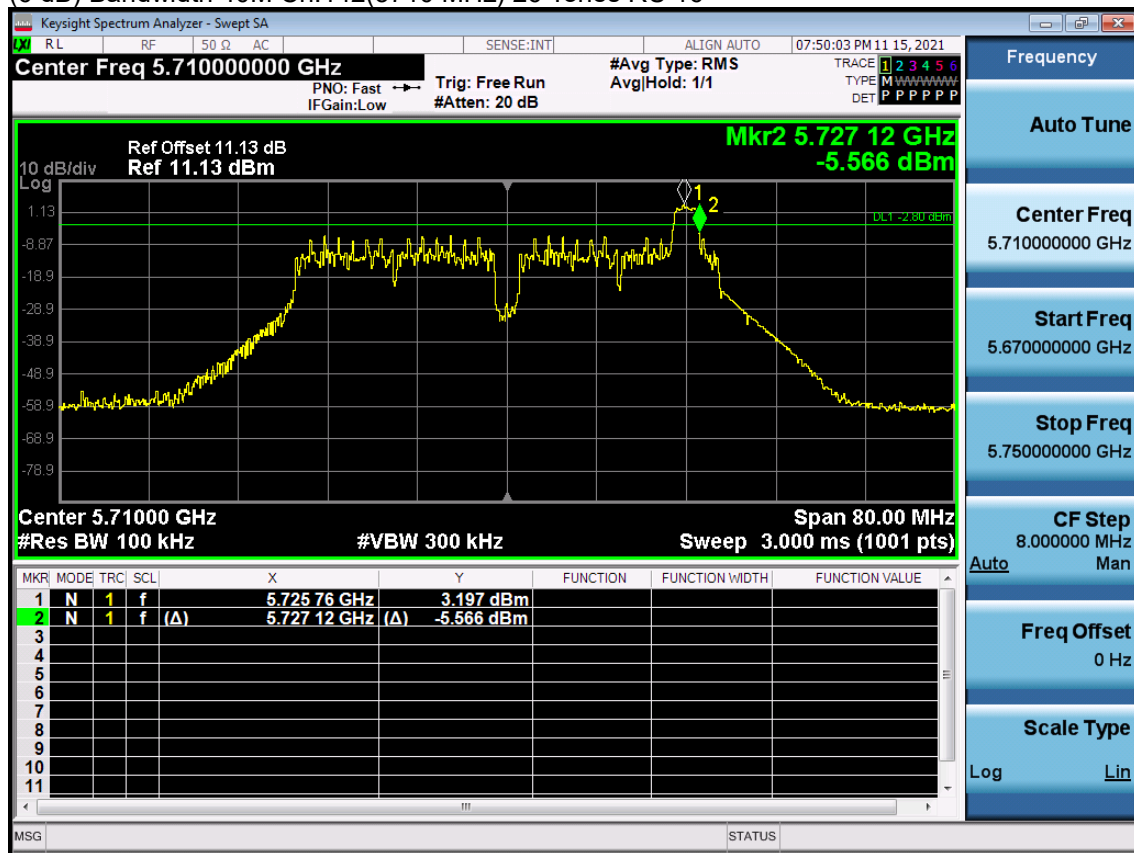


Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.52	5725	2.52

### Note:

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

(6 dB) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 16

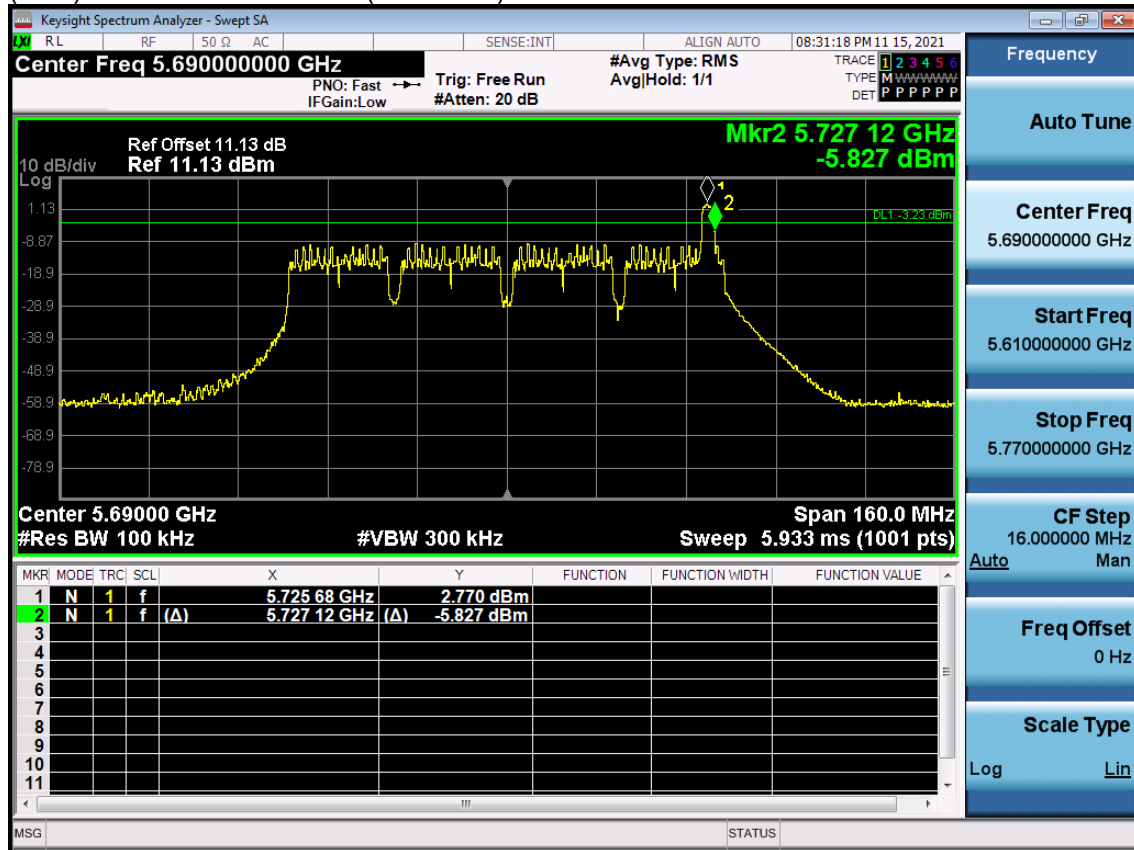


Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5725	2.12

**Note:**

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

(6 dB) Bandwidth 80M Ch.138(5690 MHz) 26 Tones RU 35



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5725	2.12

**Note:**

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

## 5.2.2 MIMO Ant2

(6 dB) Bandwidth 20M Ch.144(5720 MHz) 26 Tones RU 7

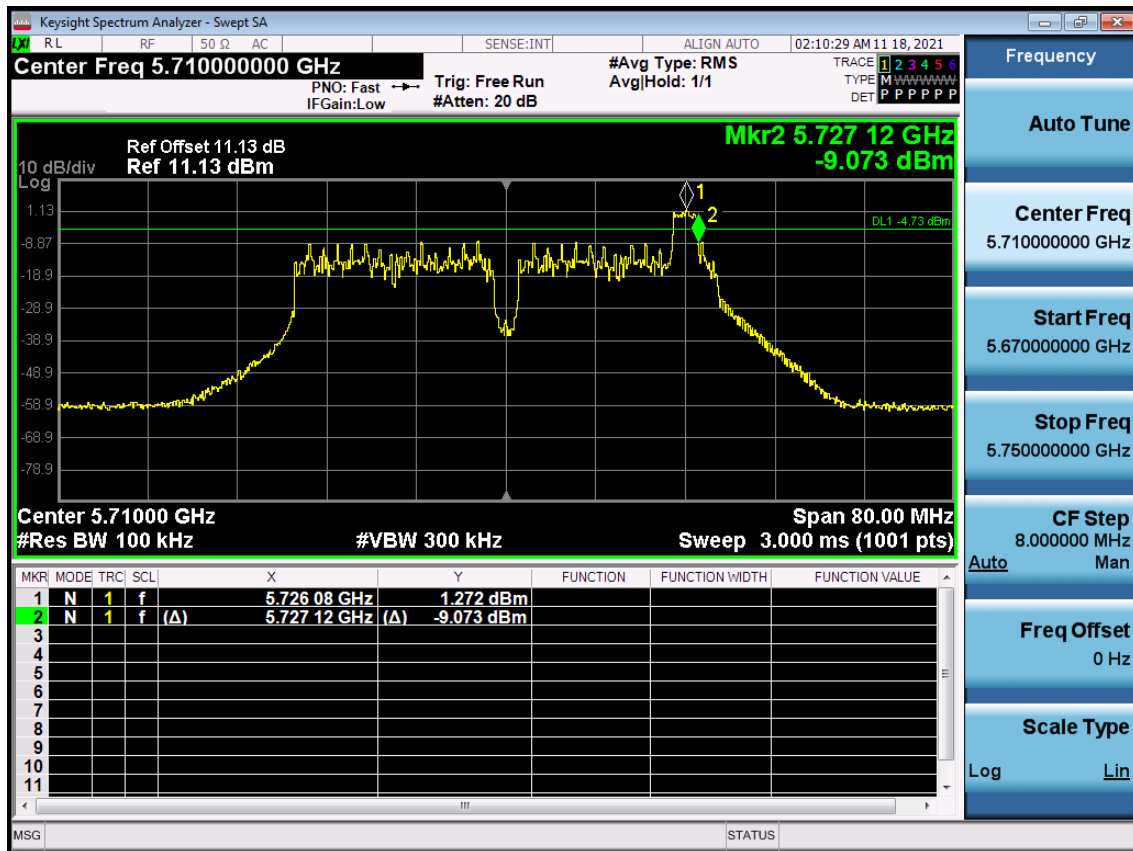


Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.52	5725	2.52

### Note:

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

(6 dB) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 16

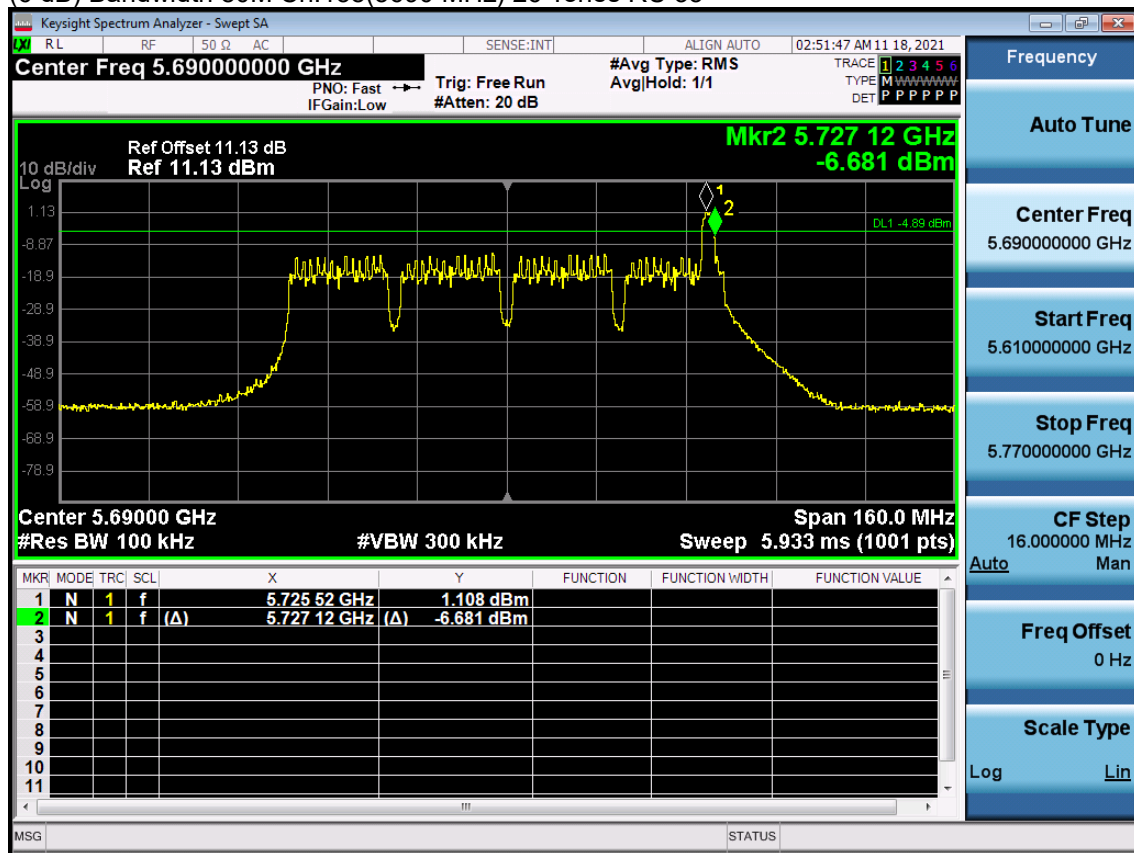


Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5725	2.12

**Note:**

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

(6 dB) Bandwidth 80M Ch.138(5690 MHz) 26 Tones RU 35



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5725	2.12

**Note:**

6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

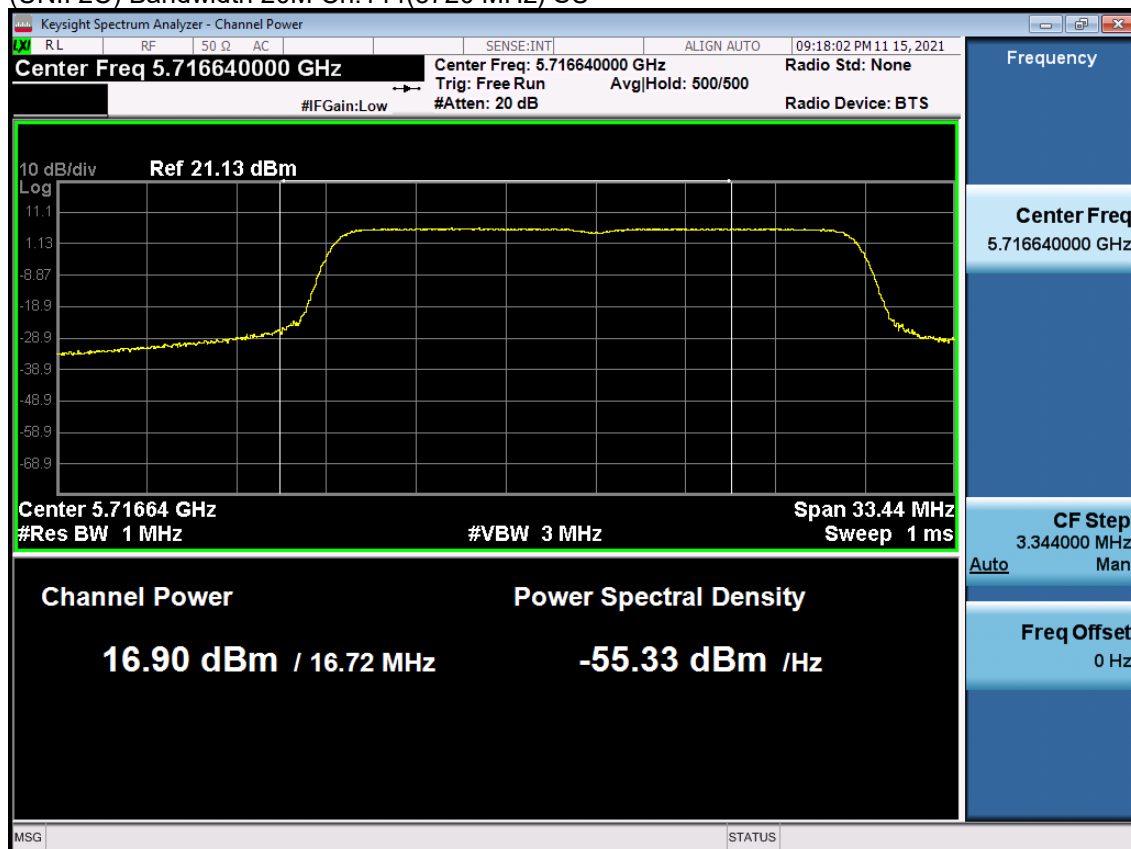
## 5.3 Output Power

### Note:

1. In order to simplify the report, attached plots were only channel of highest Power. (UNII1~4)

### 5.3.1 MIMO Ant1

(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU

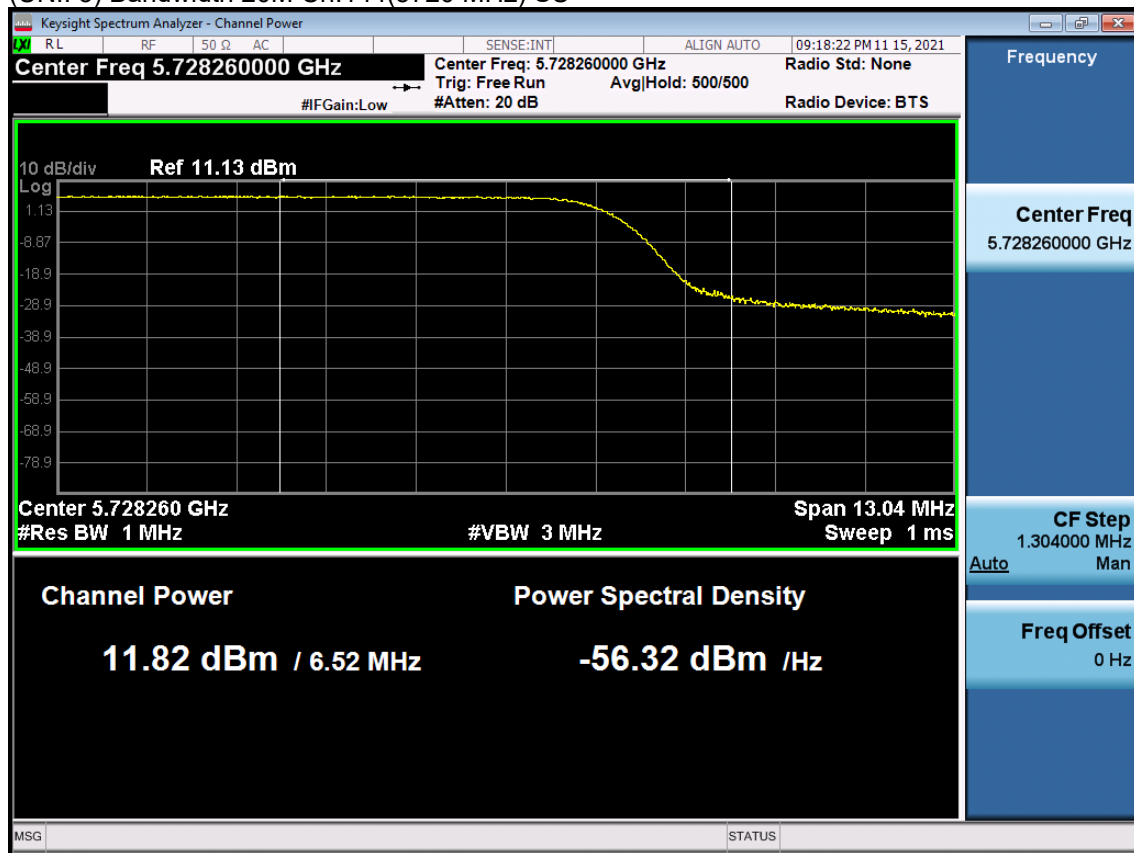


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
16.90	0.000	16.90

### Note:

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU

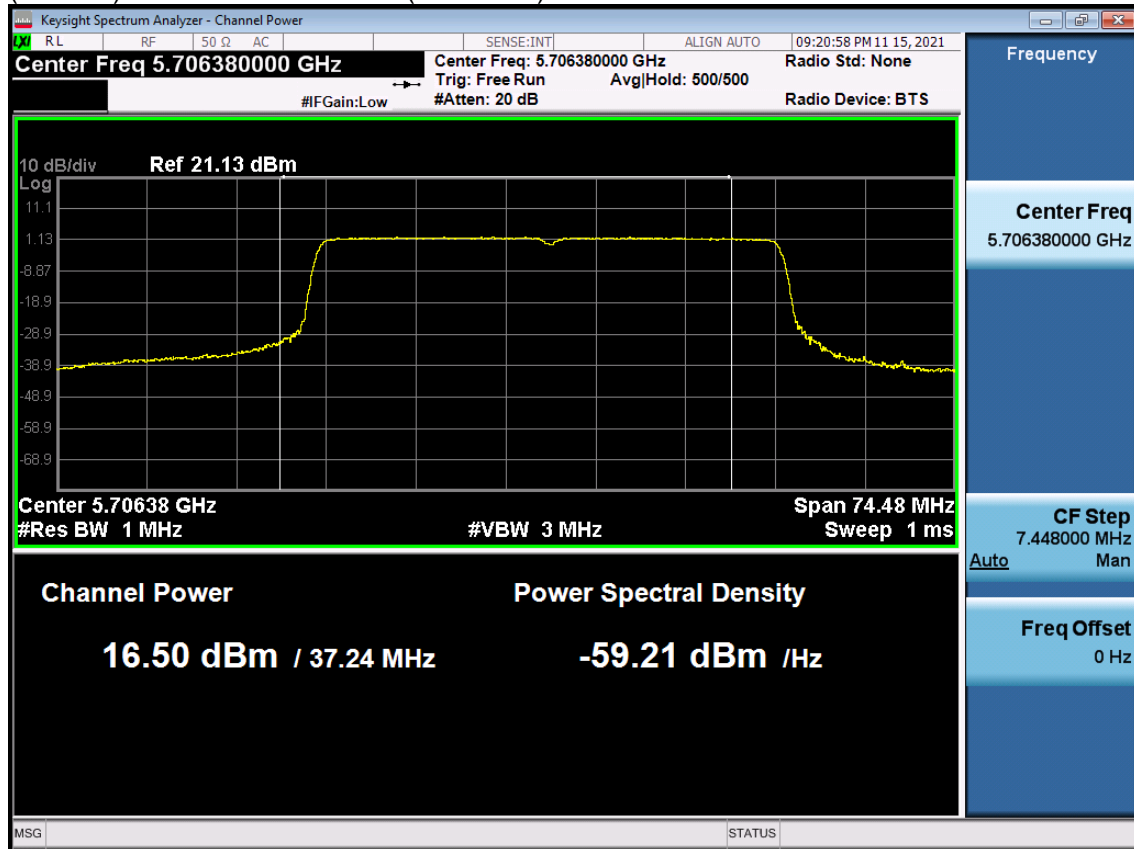


**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)



(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU



**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44

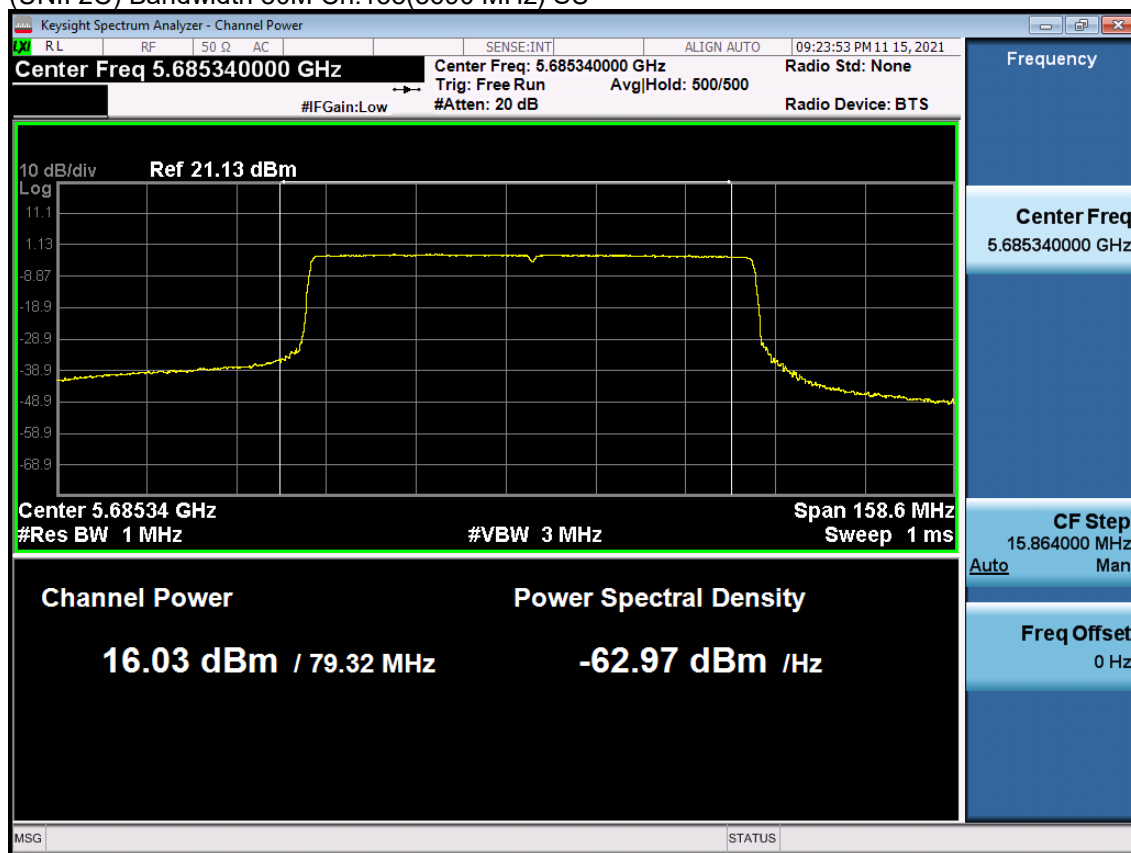


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
10.47	0.000	10.47

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
16.03	0.000	16.03

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 52



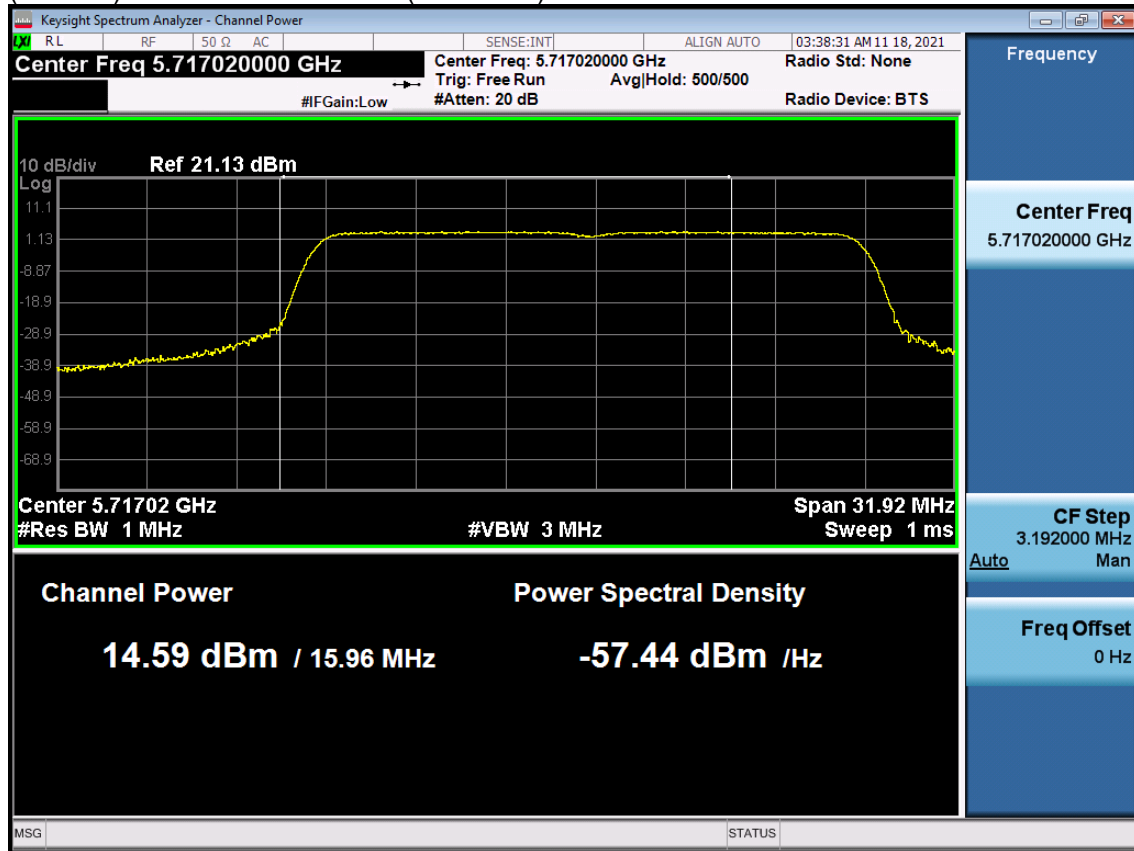
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
10.12	0.000	10.12

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

### 5.3.2 MIMO Ant2

(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU

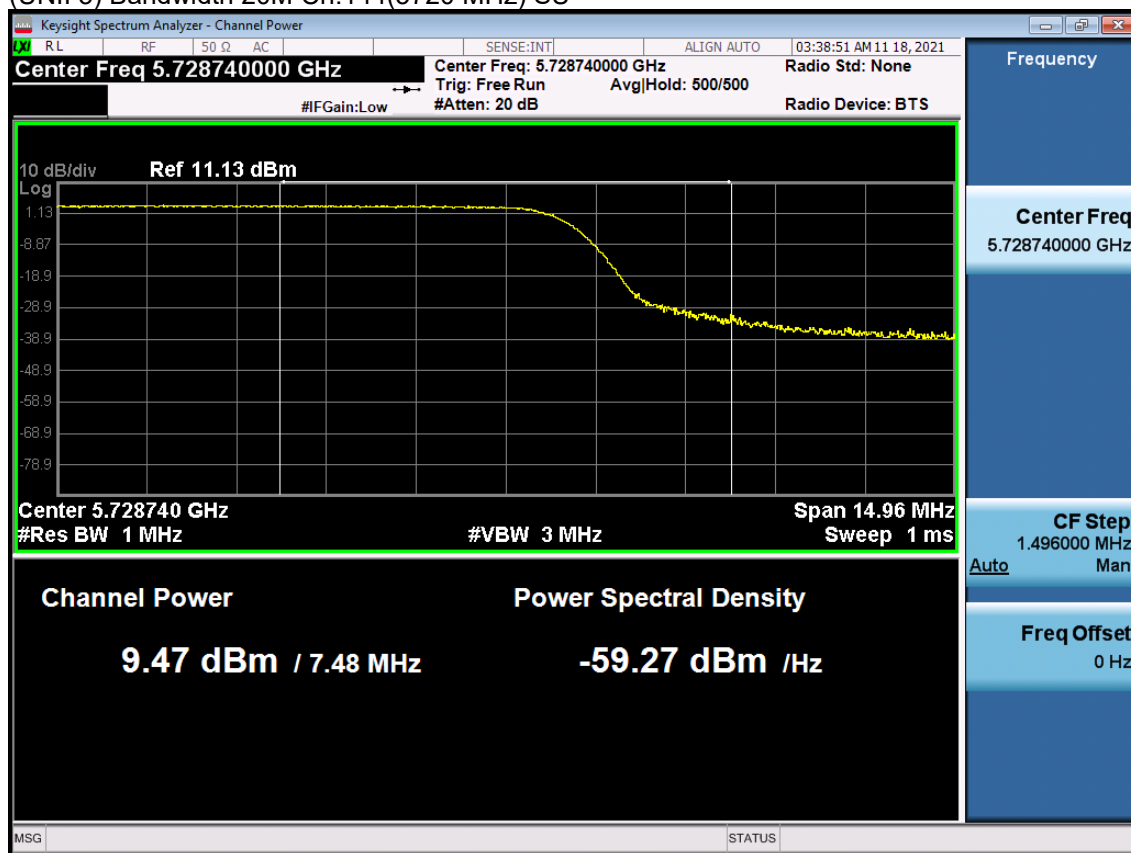


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
14.59	0.000	14.59

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

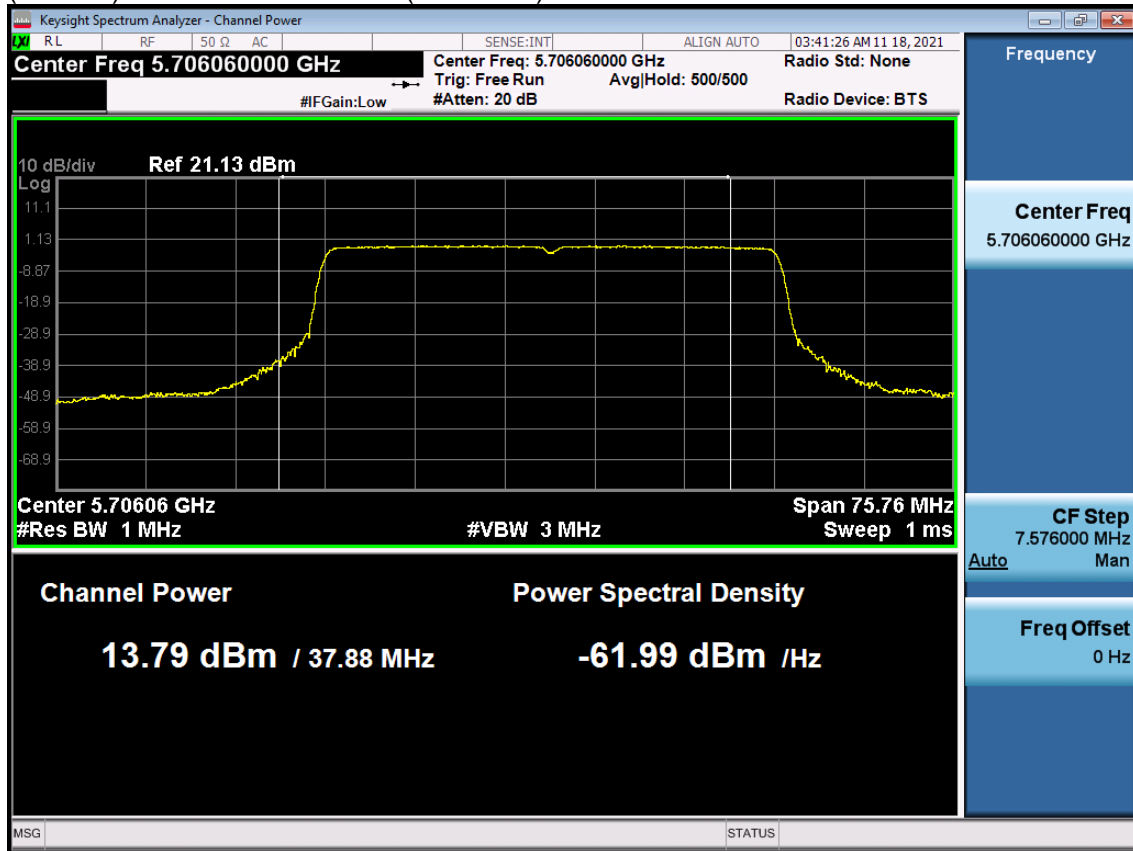
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU



**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU

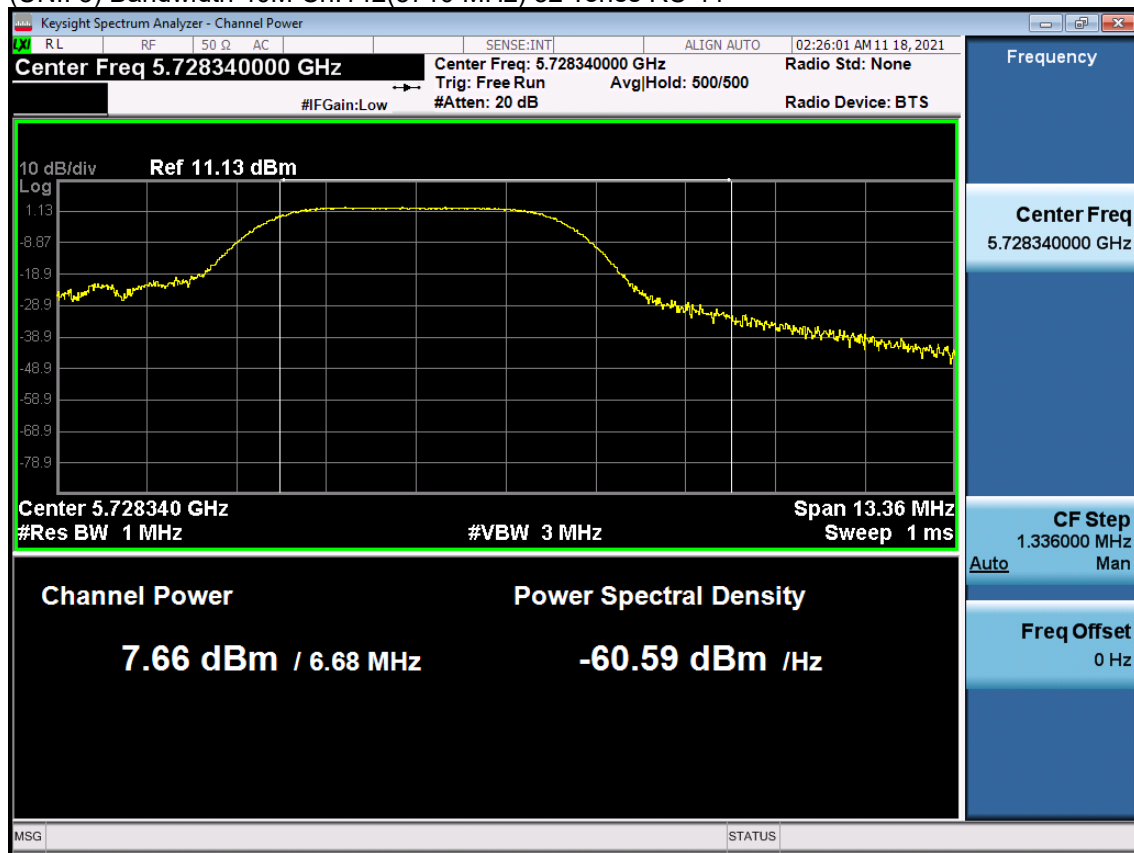


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
13.79	0.000	13.79

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44



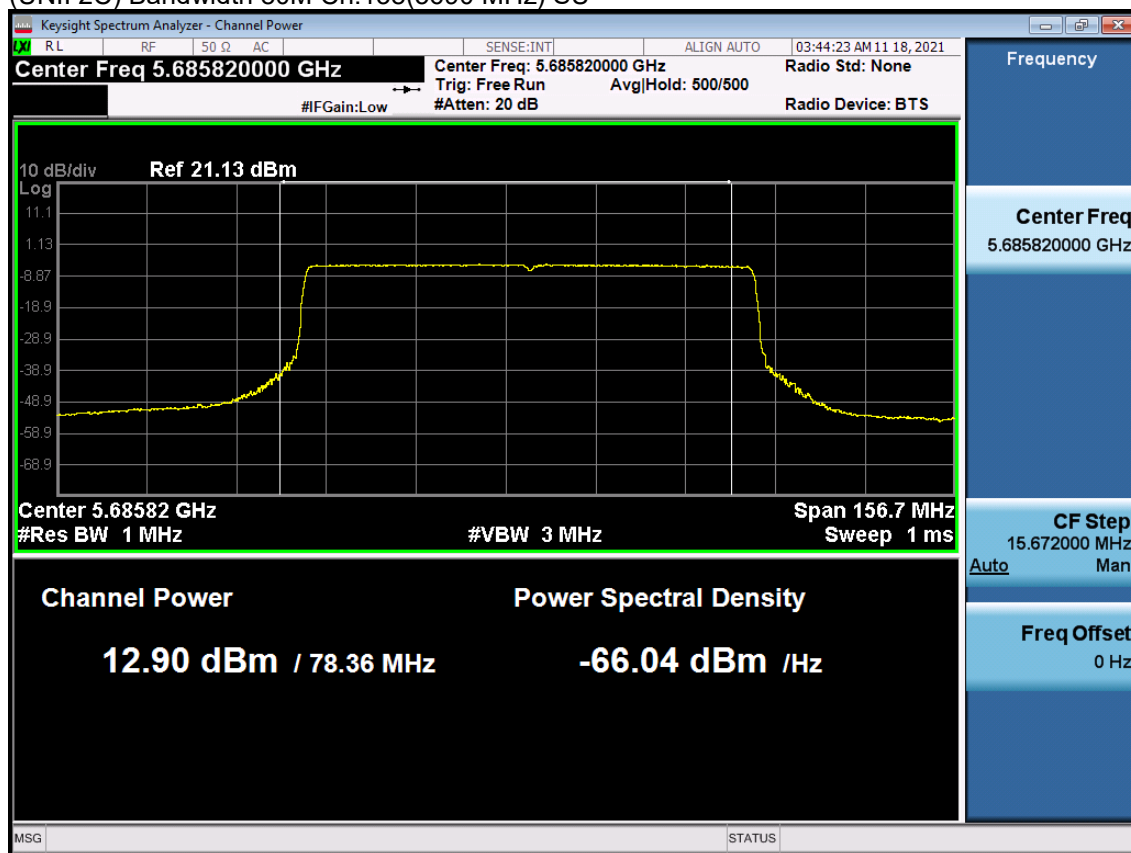
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
7.66	0.000	7.66

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)



(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU

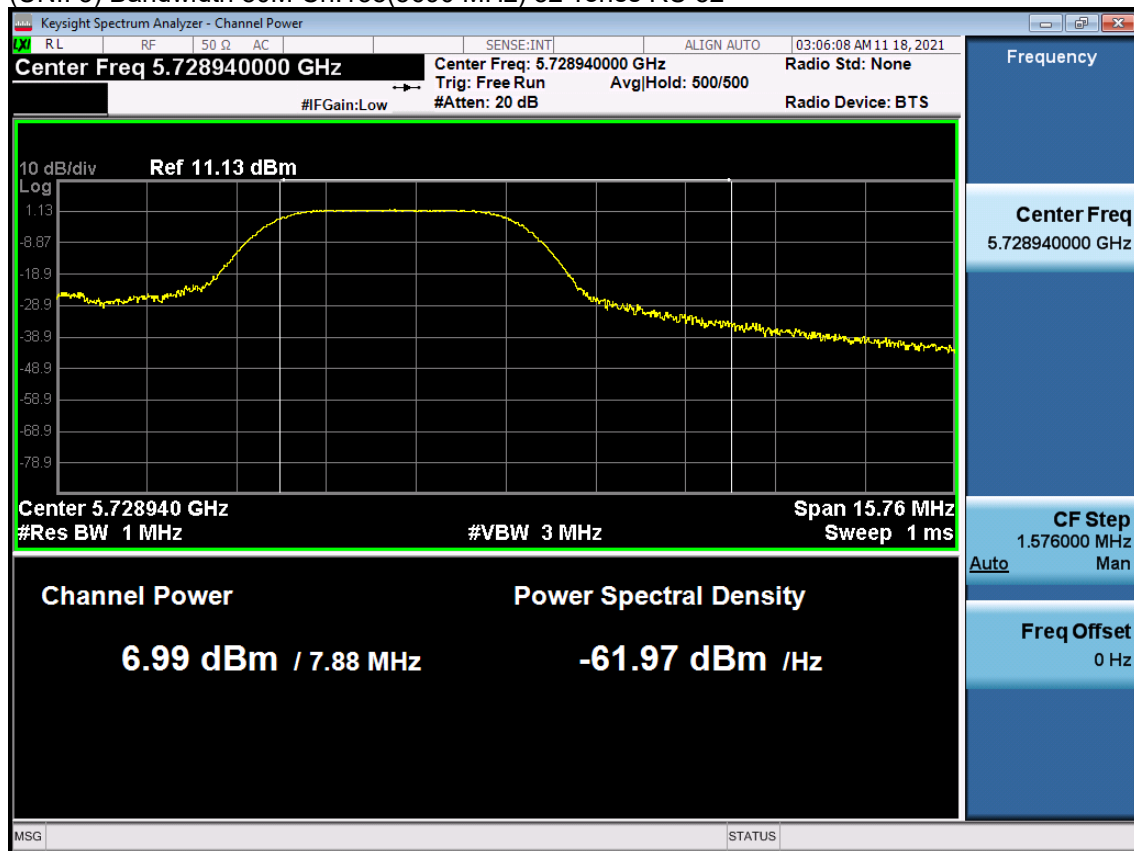


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
12.90	0.000	12.90

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 52



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
6.99	0.000	6.99

**Note:**

Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

## 5.4 Power Spectral Density

### Note:

1. In order to simplify the report, attached plots were only channel of highest PSD. (UNII1~4)

### 5.4.1 MIMO Ant1

(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU

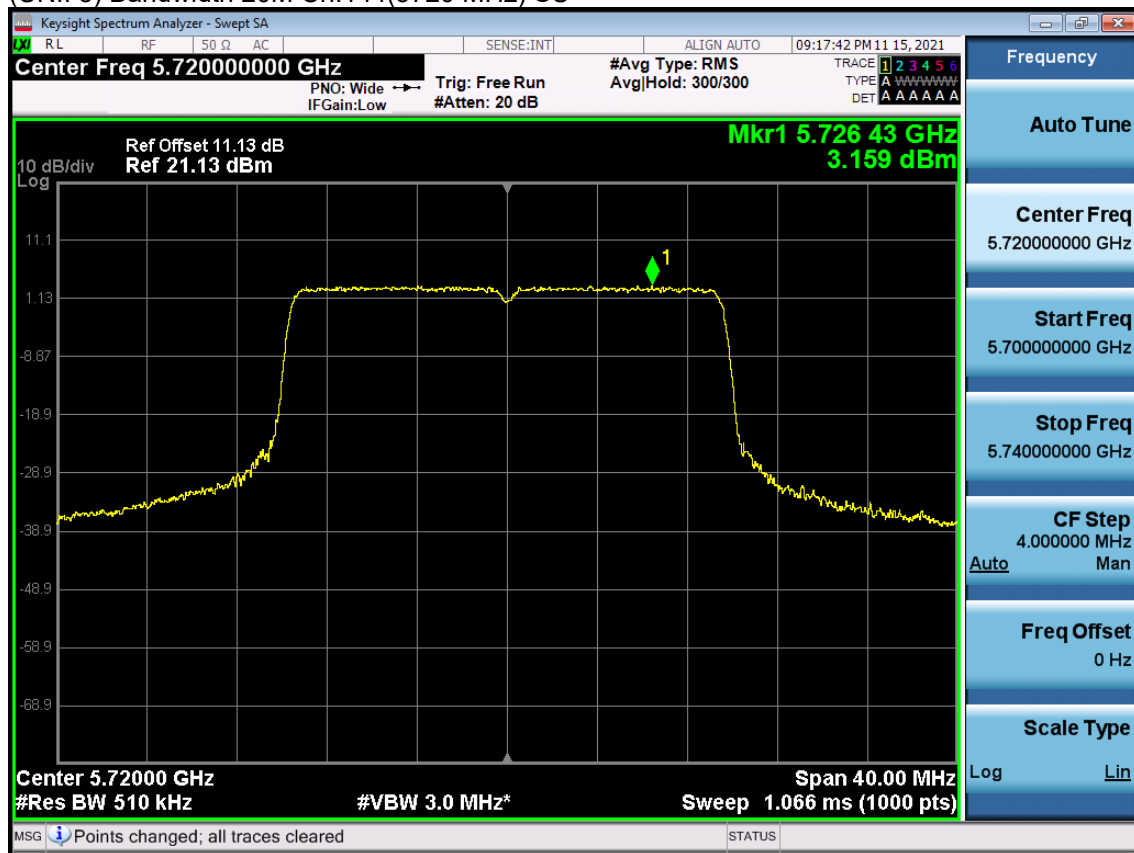


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.046	0.000	6.046

### Note:

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU



**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 41

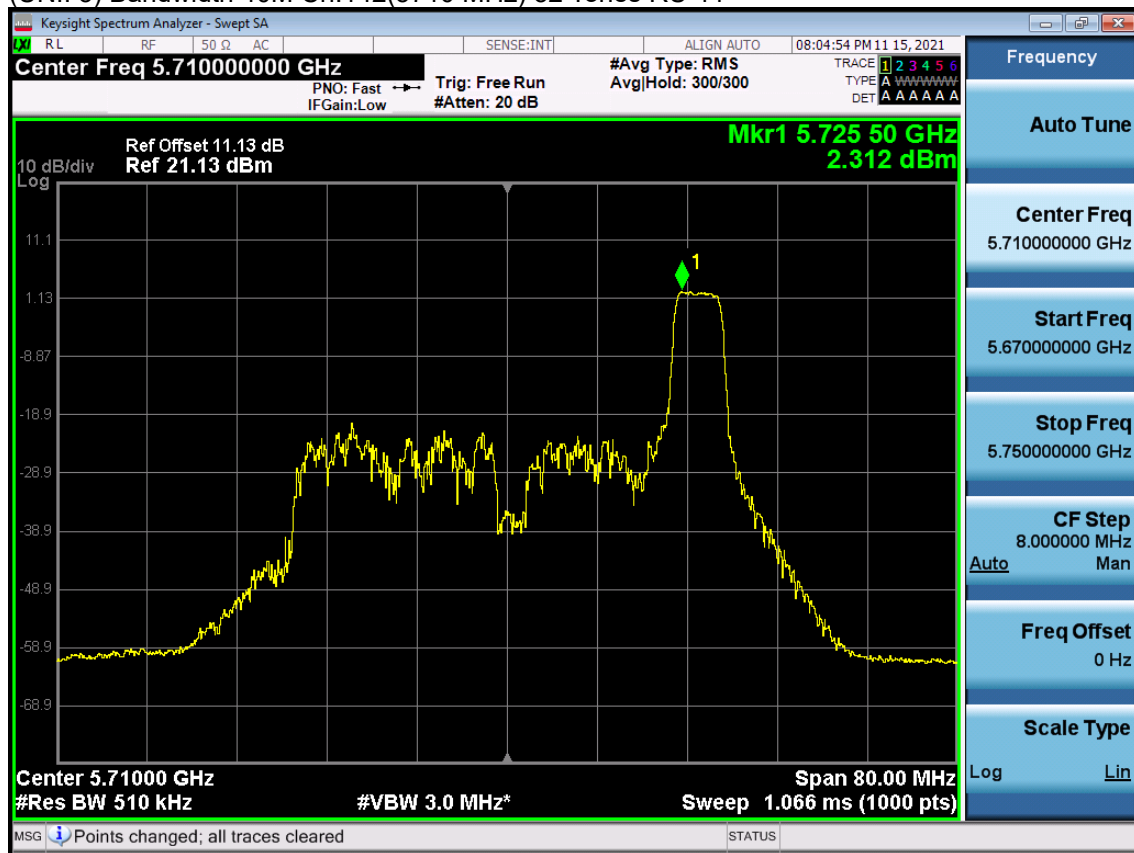


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
5.695	0.000	5.695

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44

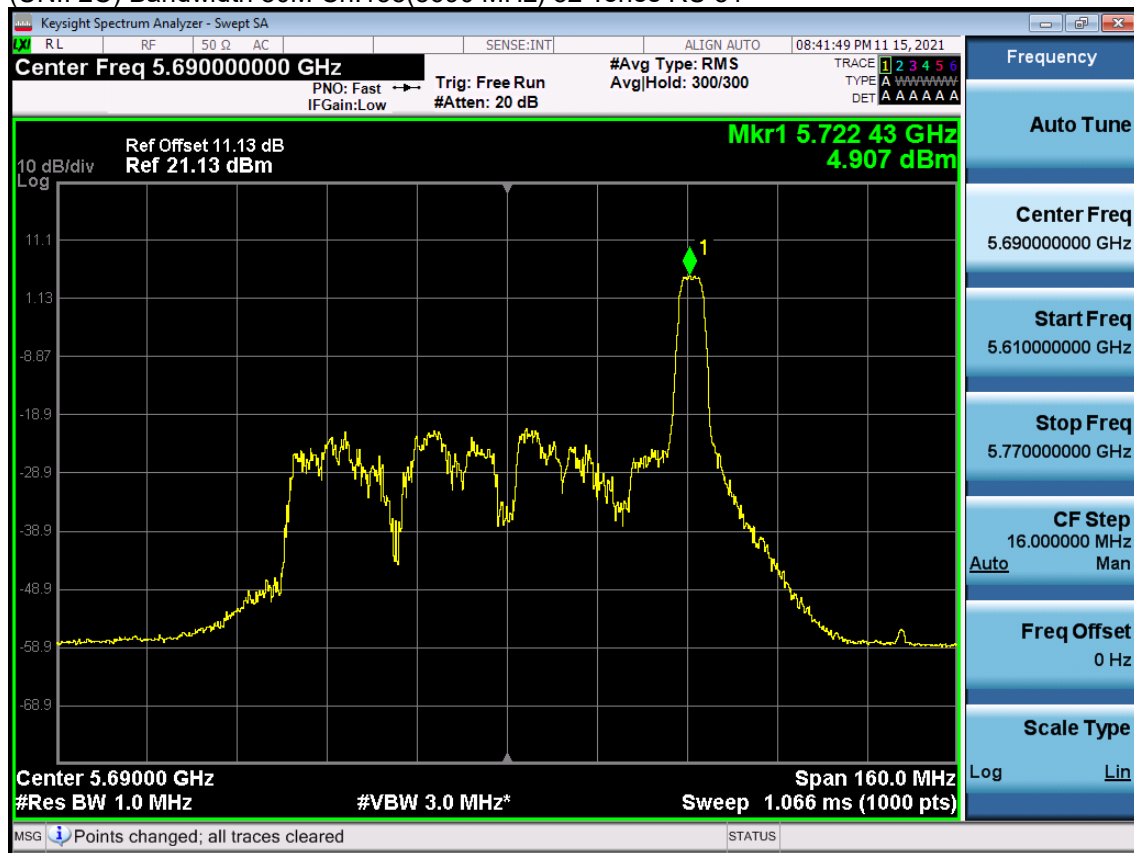


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
2.312	0.000	2.312

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 51

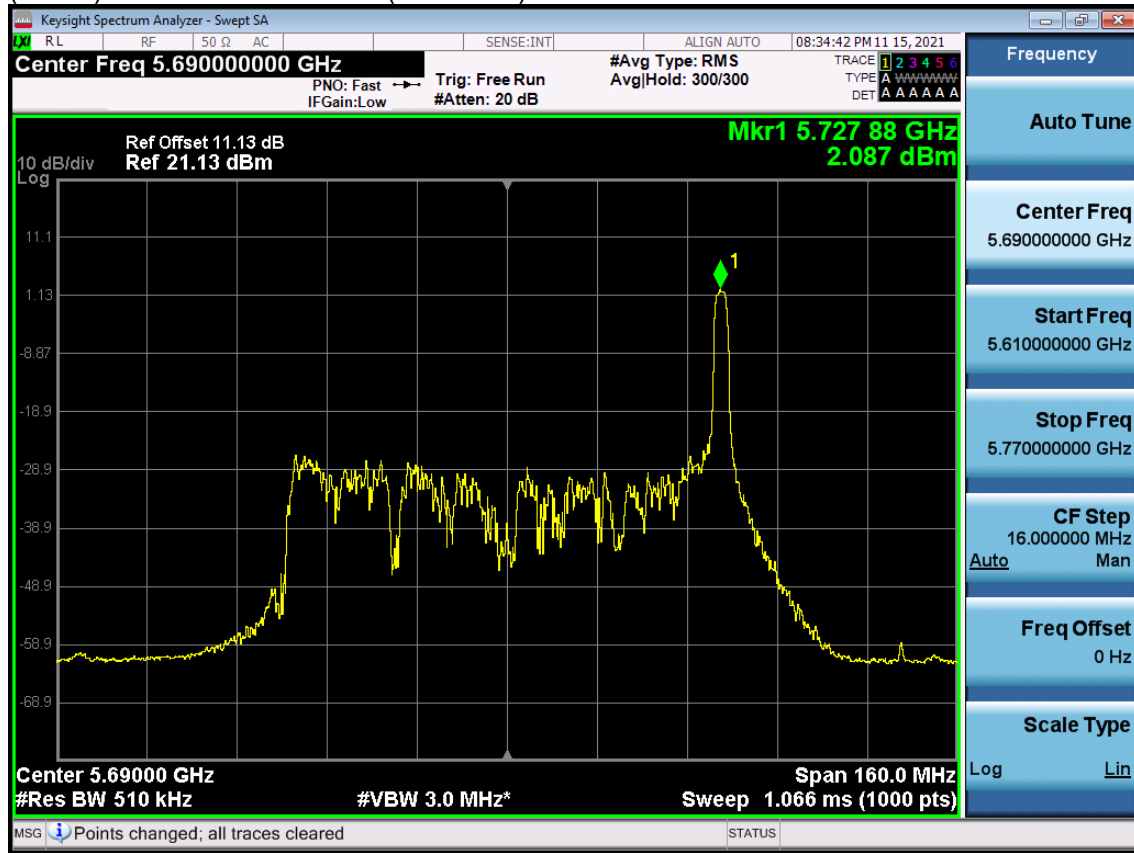


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.907	0.000	4.907

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 26 Tones RU 36



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
2.087	0.000	2.087

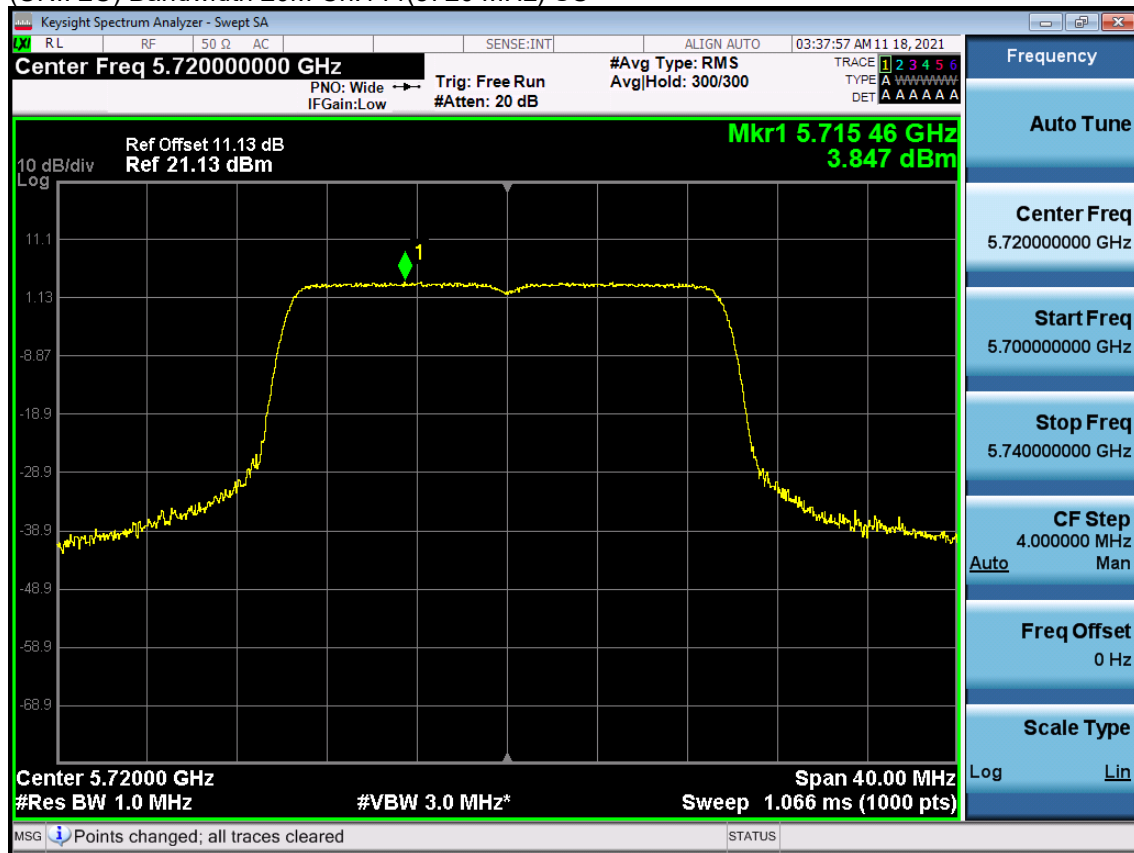
**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)



## 5.4.2 MIMO Ant2

(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU

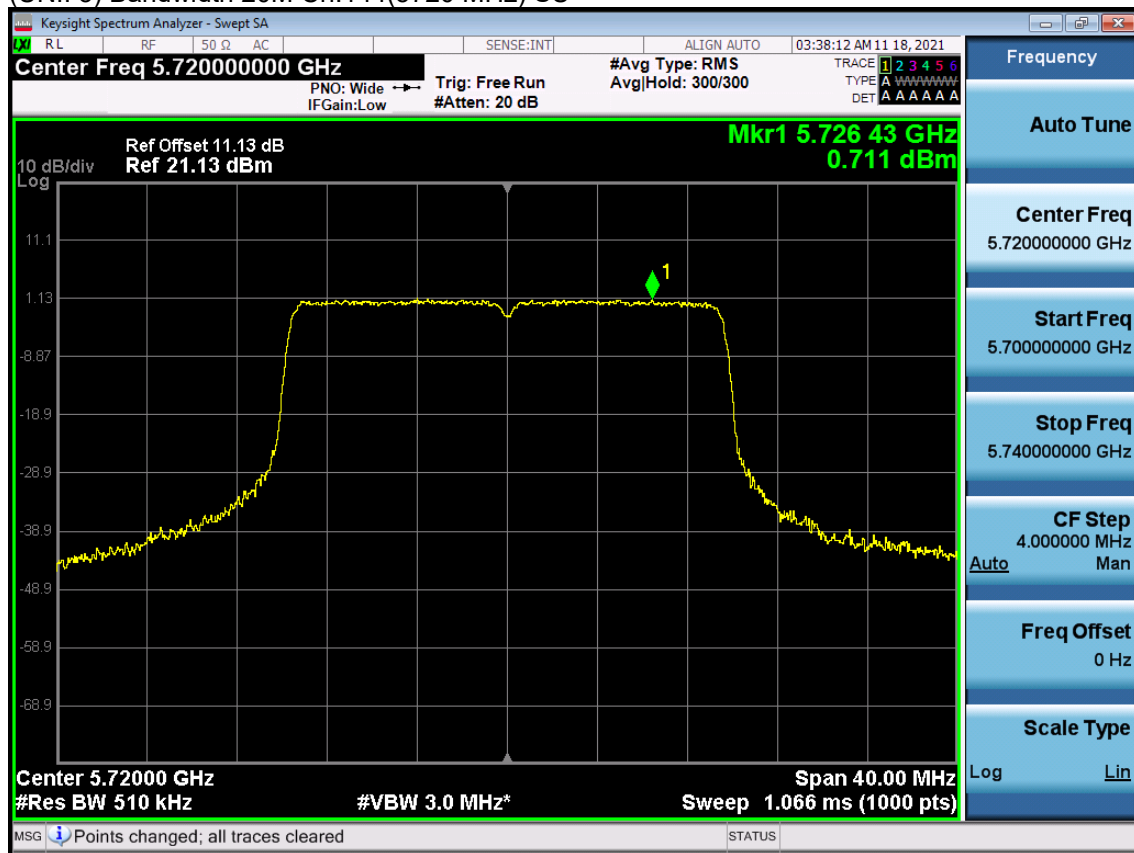


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.847	0.000	3.847

### Note:

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

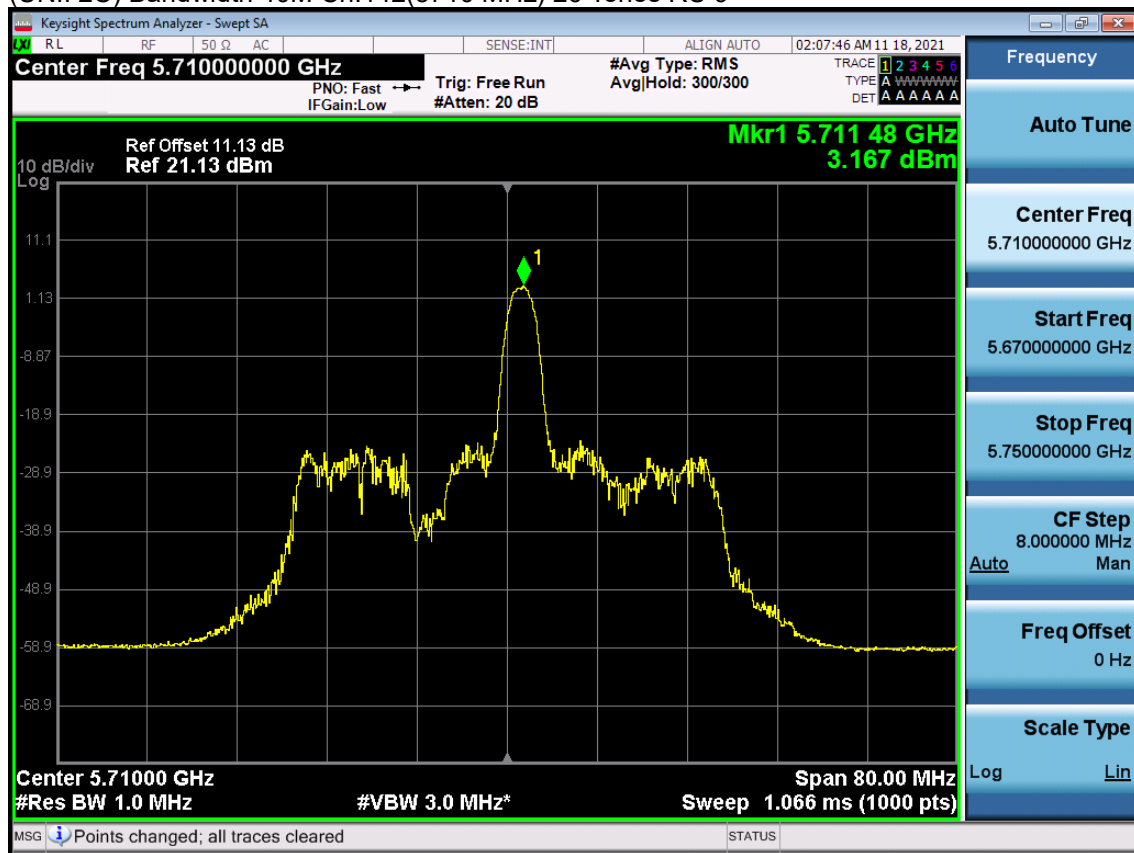
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU



**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 9

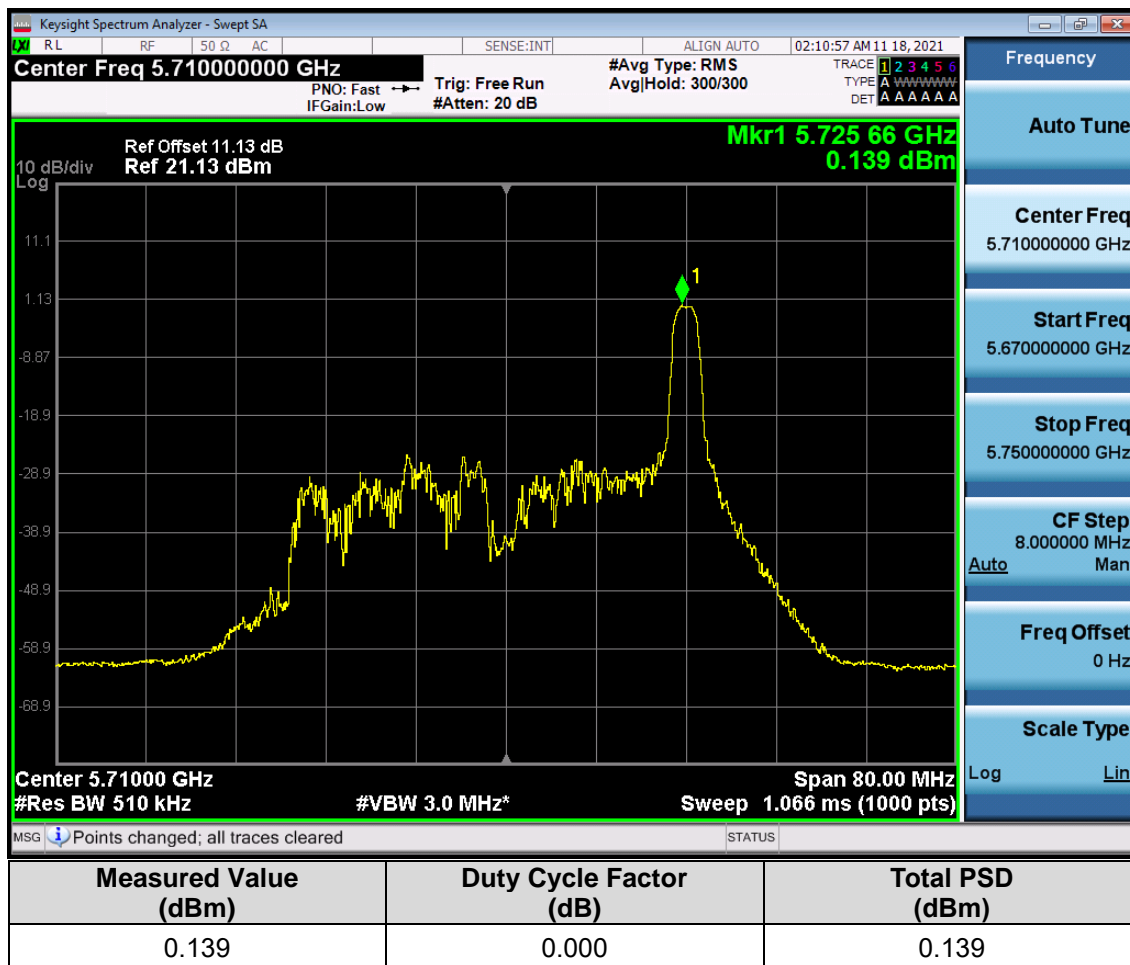


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.167	0.000	3.167

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 16



**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 51

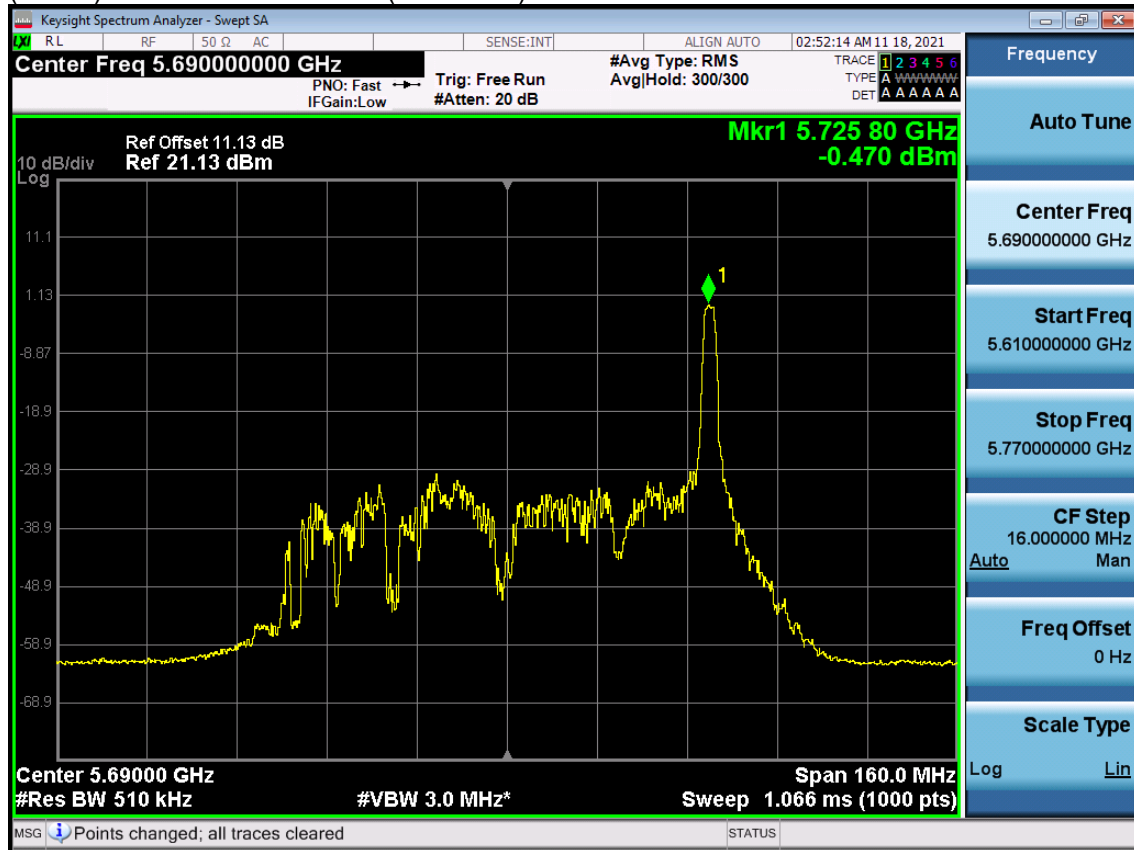


Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
1.847	0.000	1.847

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 26 Tones RU 35



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
-0.470	0.000	-0.470

**Note:**

Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)