Bandwidth 160M_80U Ch.50 (5250 MHz) 26T RU 0
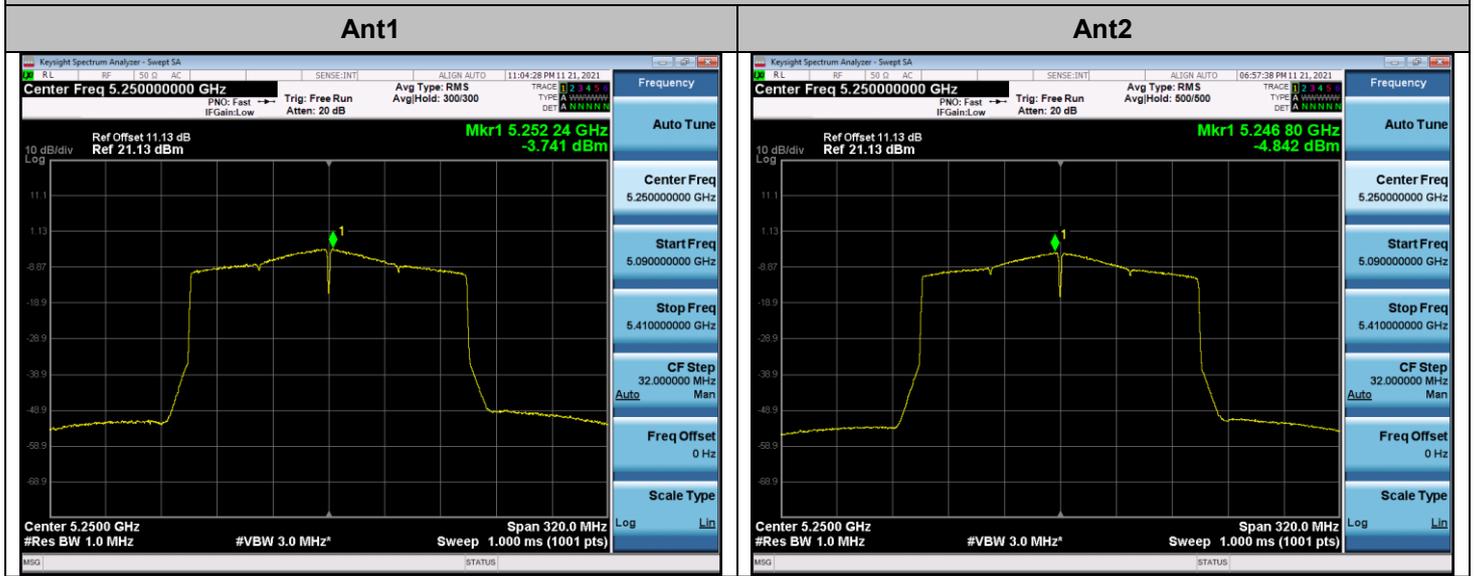
Ant1	Ant2
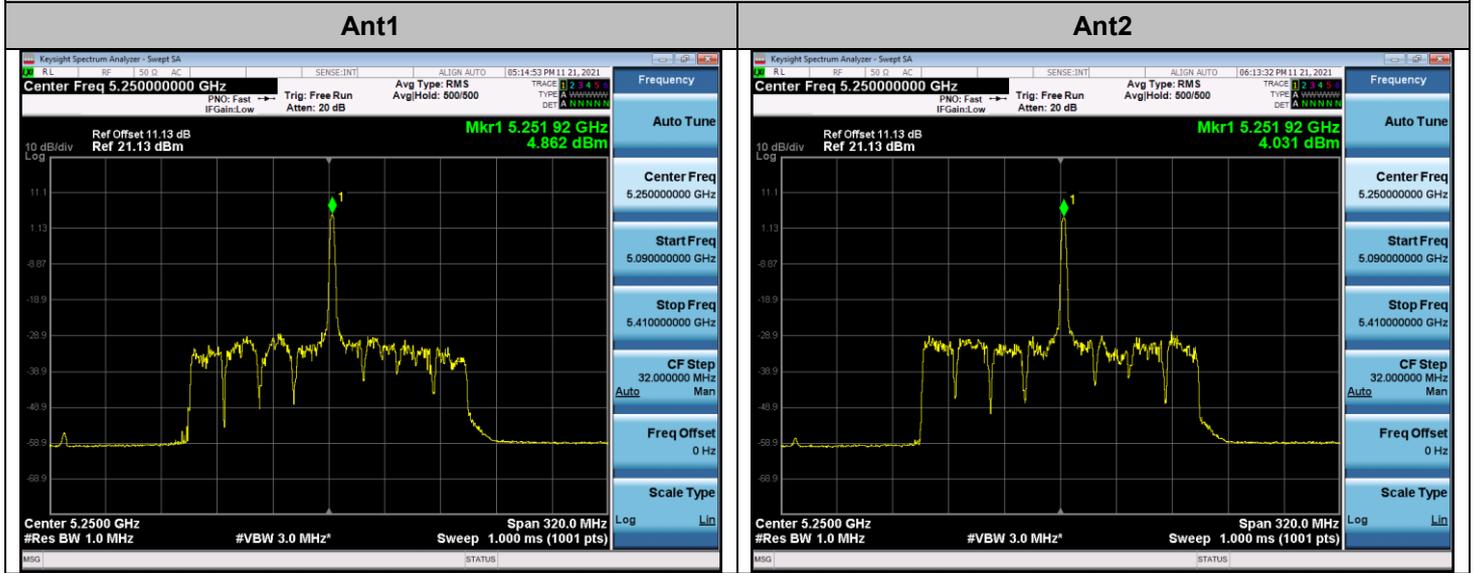
SUM PSD (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
7.477	0.000	7.477

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

Bandwidth 160M_SU Ch.50 (5250 MHz) SU

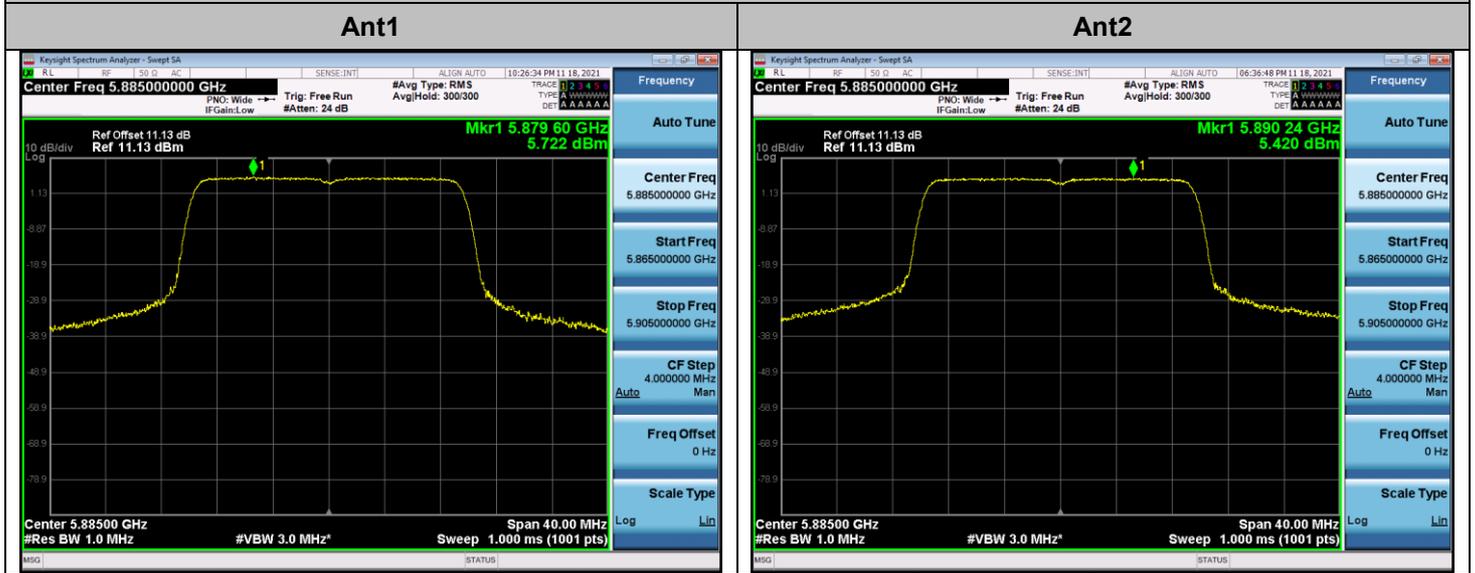| Ant1	Ant2

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)
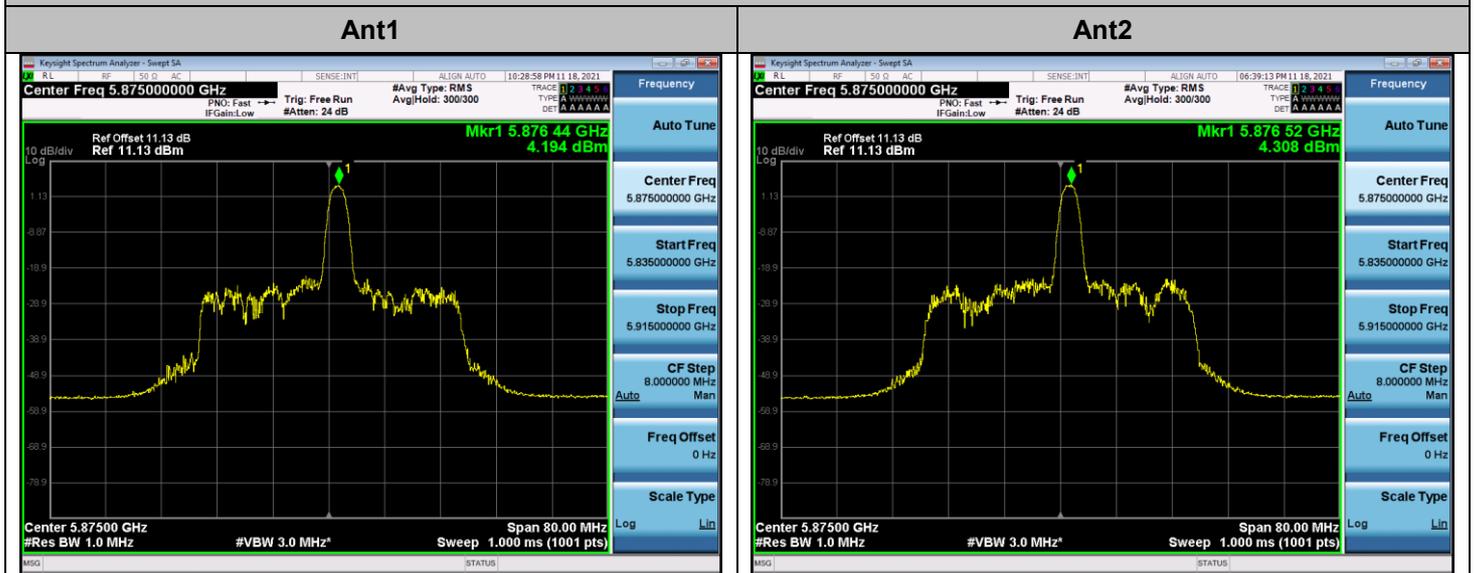
UNII-4 Band(EIRP)

Bandwidth 20M Ch.177 (5885 MHz) SU	
Ant1	Ant2

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

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

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

Ant1	Ant2

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) = Tatal PSD (dBm) + Directional Gain (dBi)

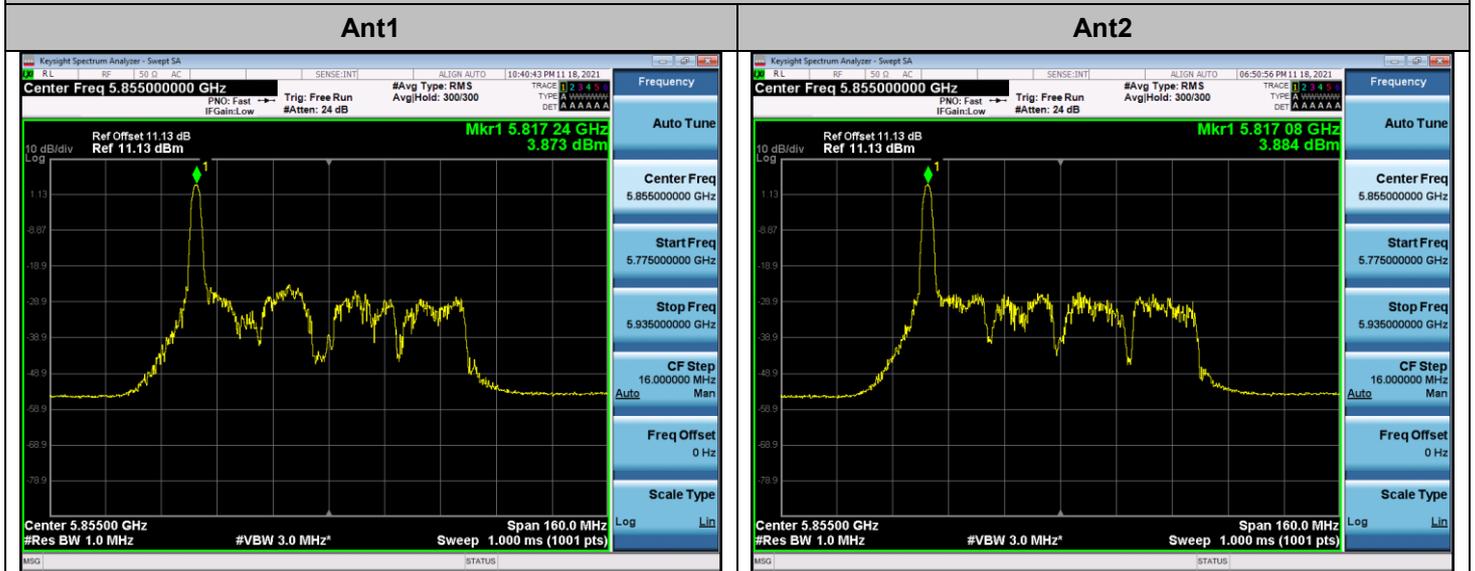**Bandwidth 80M Ch.171 (5855 MHz) 26 Tones RU 0**

Ant1	Ant2

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) = Tatal PSD (dBm) + Directional Gain (dBi)

Bandwidth 160M_80L Ch.163 (5815 MHz) 26 Tones RU 36

Ant1	Ant2

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) = Tatal PSD (dBm) + Directional Gain (dBi)
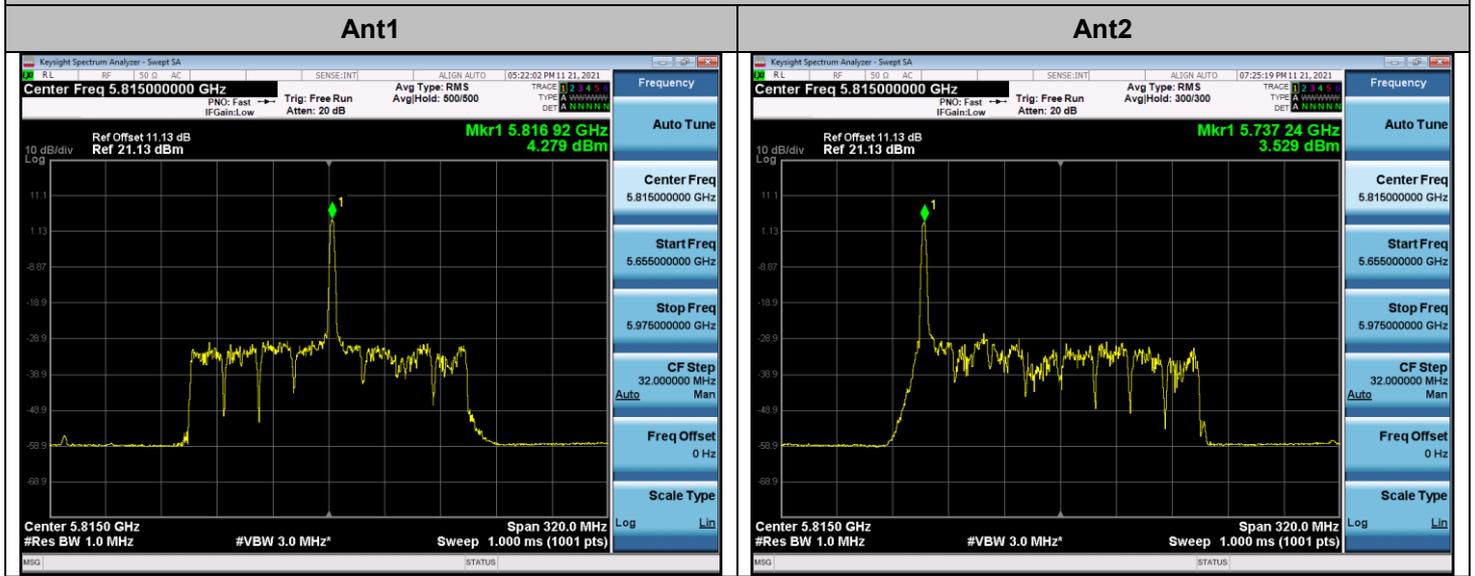
Bandwidth 160M_80U Ch.163 (5815 MHz) 26 Tones RU 0

Ant1	Ant2

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) = Tatal PSD (dBm) + Directional Gain (dBi)

Bandwidth 160M_SU Ch.163 (5815 MHz) SU

Ant1	Ant2

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) = Tatal PSD (dBm) + Directional Gain (dBi)
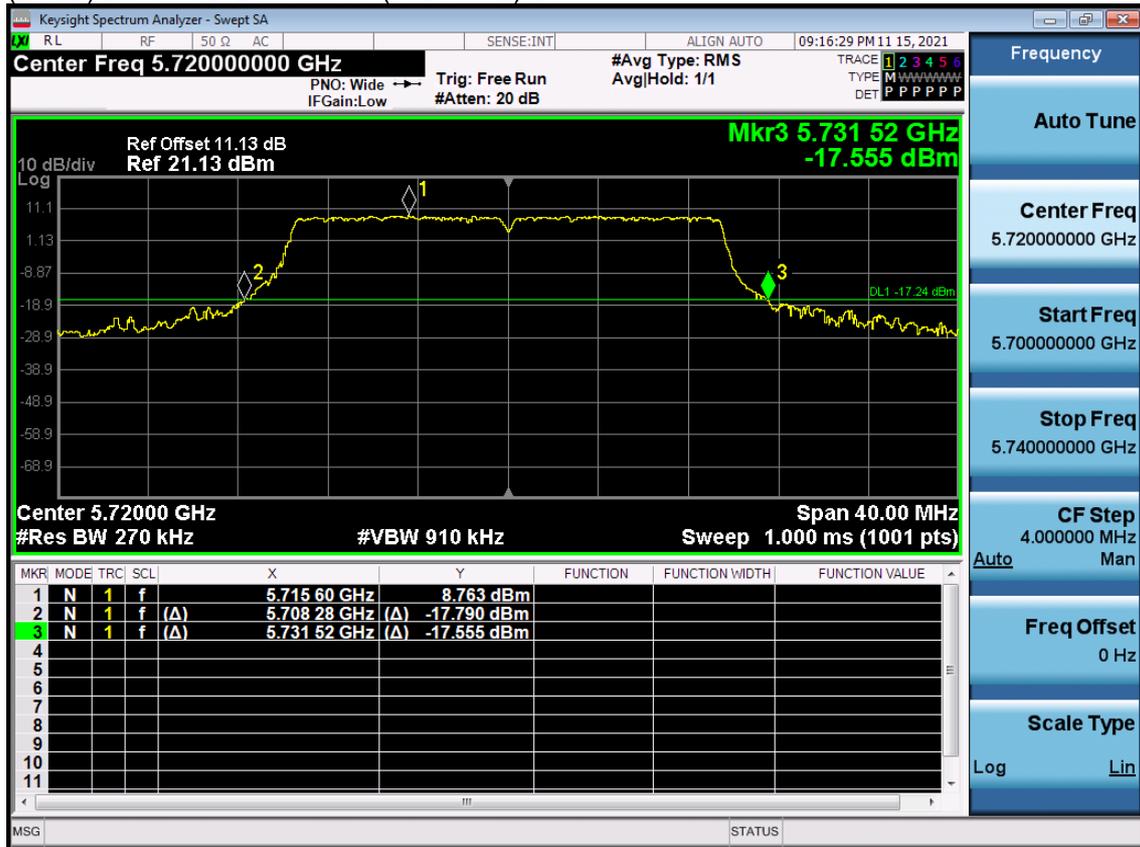
5. Straddle Channel
5.1 26 dB Bandwidth

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

5.1.1 MIMO Ant1
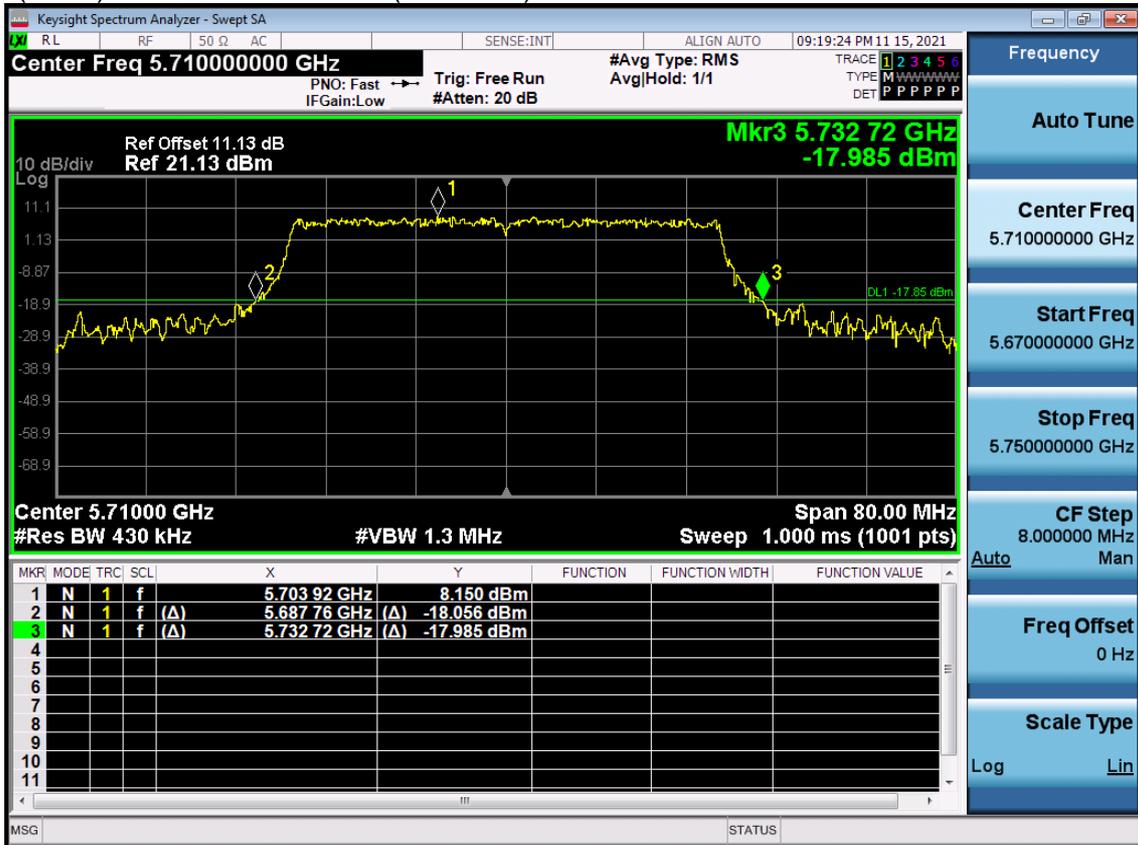
(26 dB) Bandwidth 20M Ch.144(5720 MHz) SU

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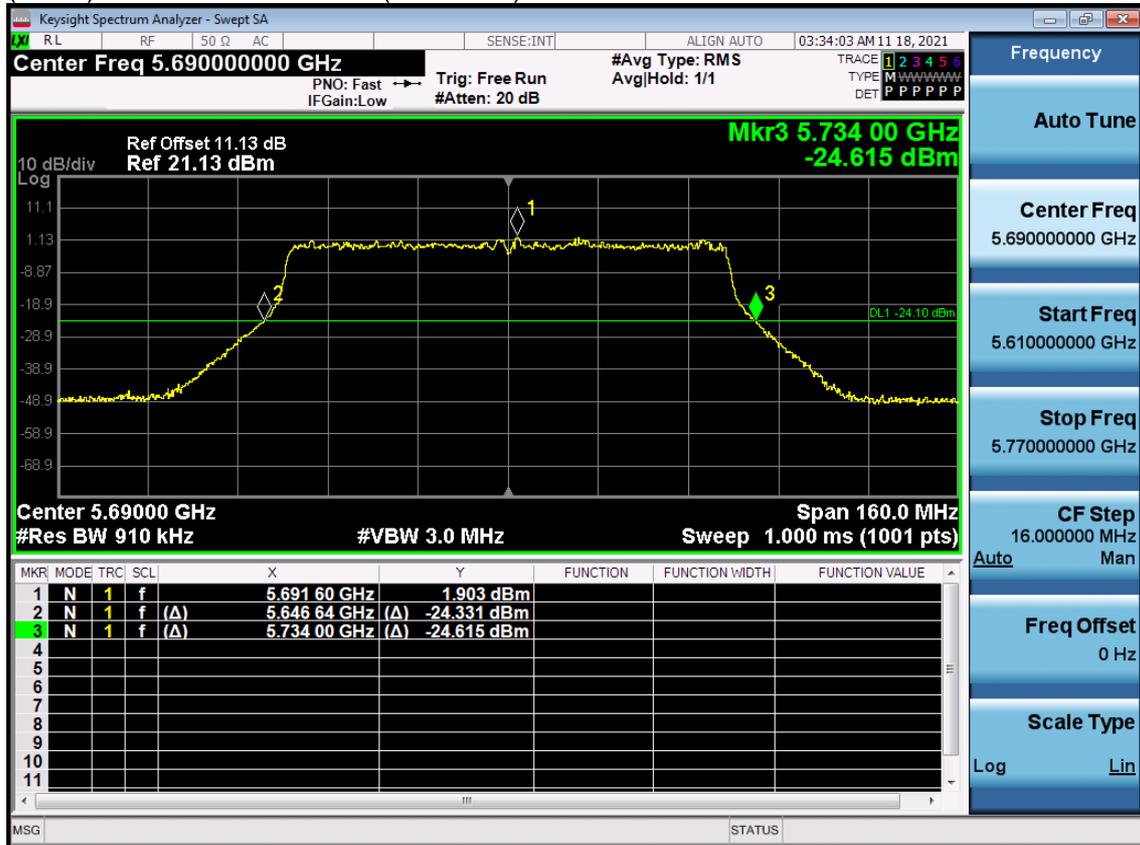
UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5646.64	78.36

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

(26 dB) Bandwidth 80M Ch.138(5690 MHz) 106 Tones RU 60
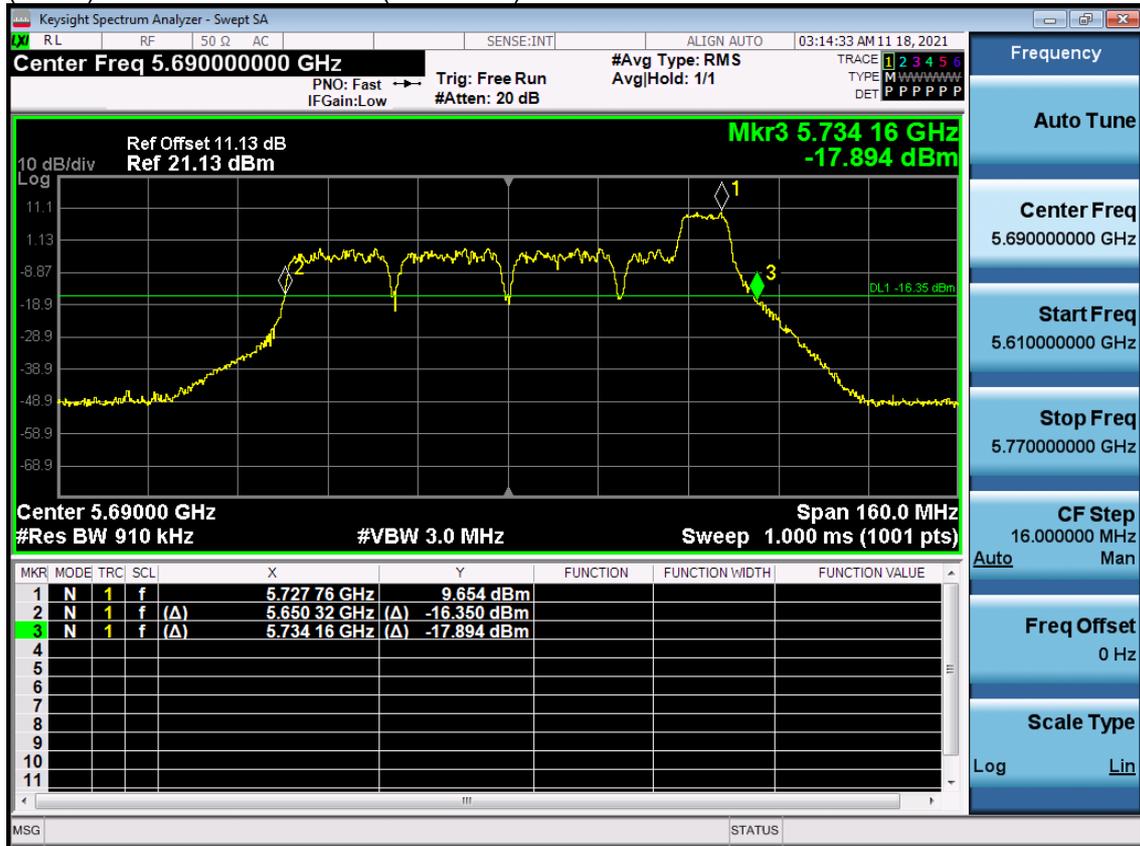
UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5734.16	5725	9.16

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. (UNII1~4)

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
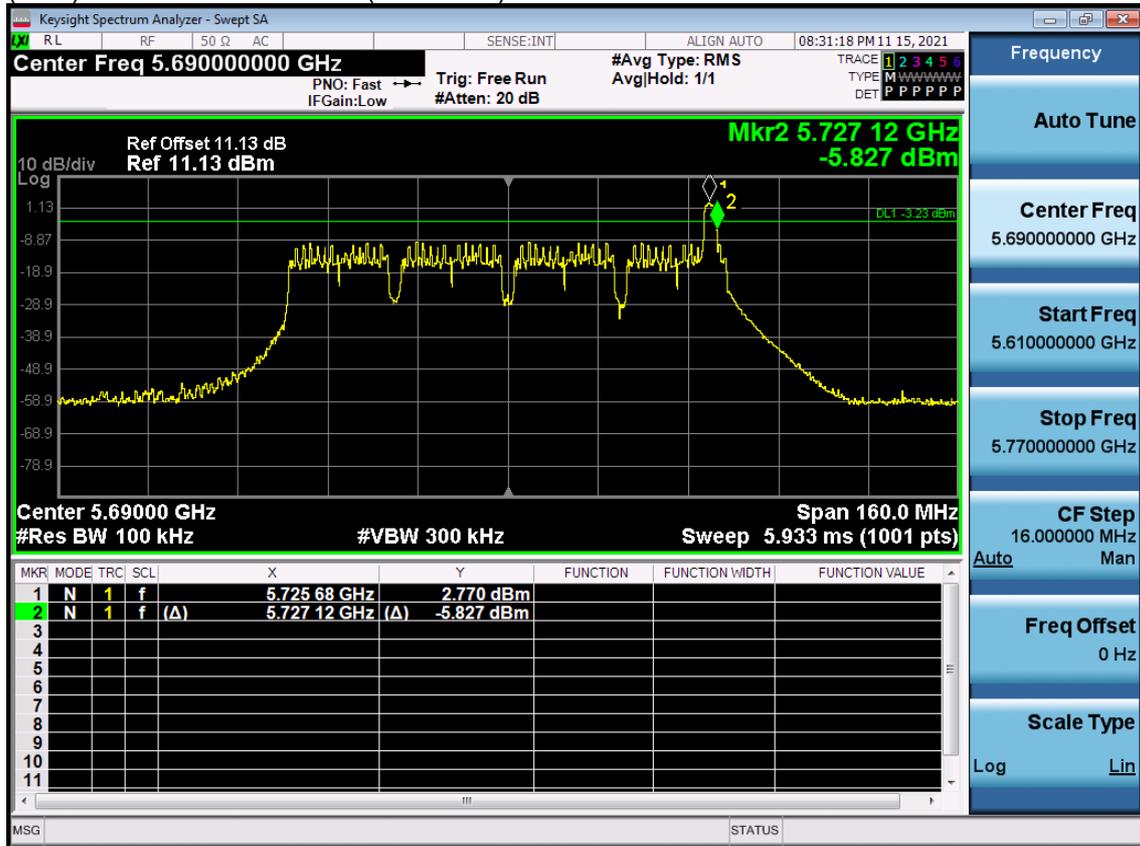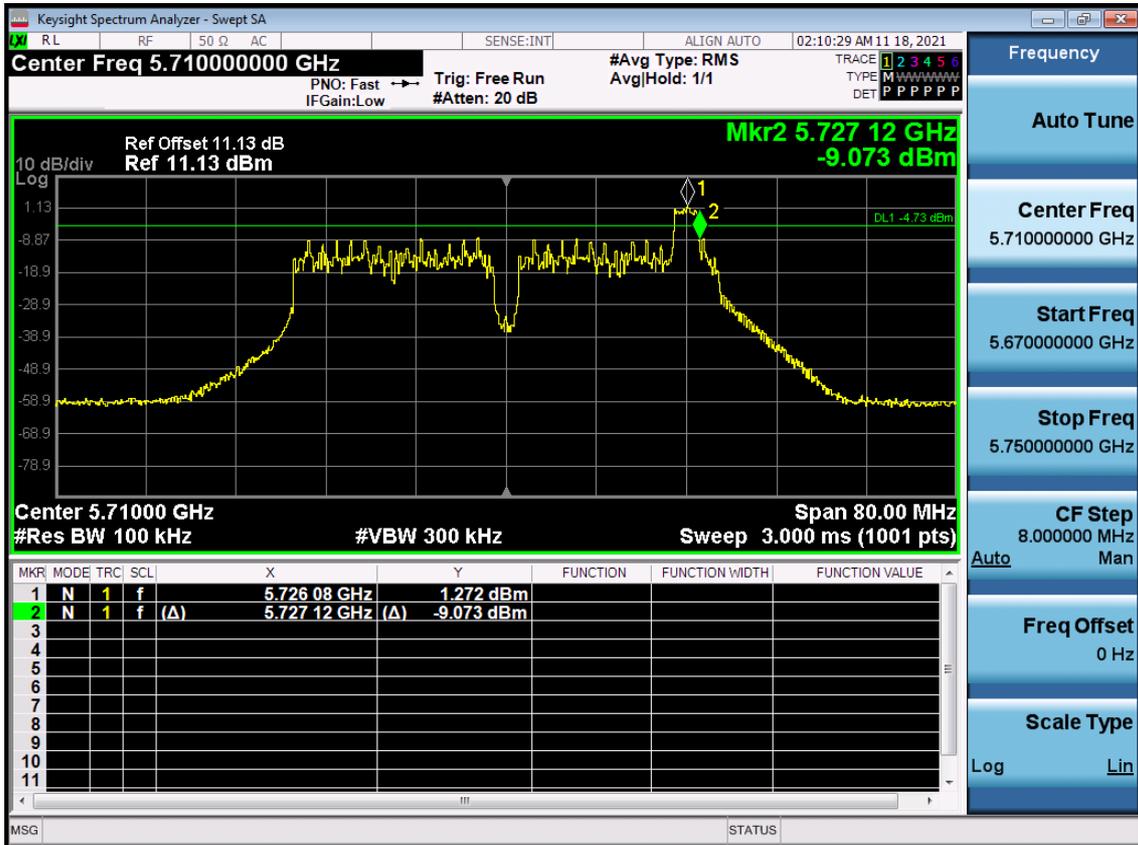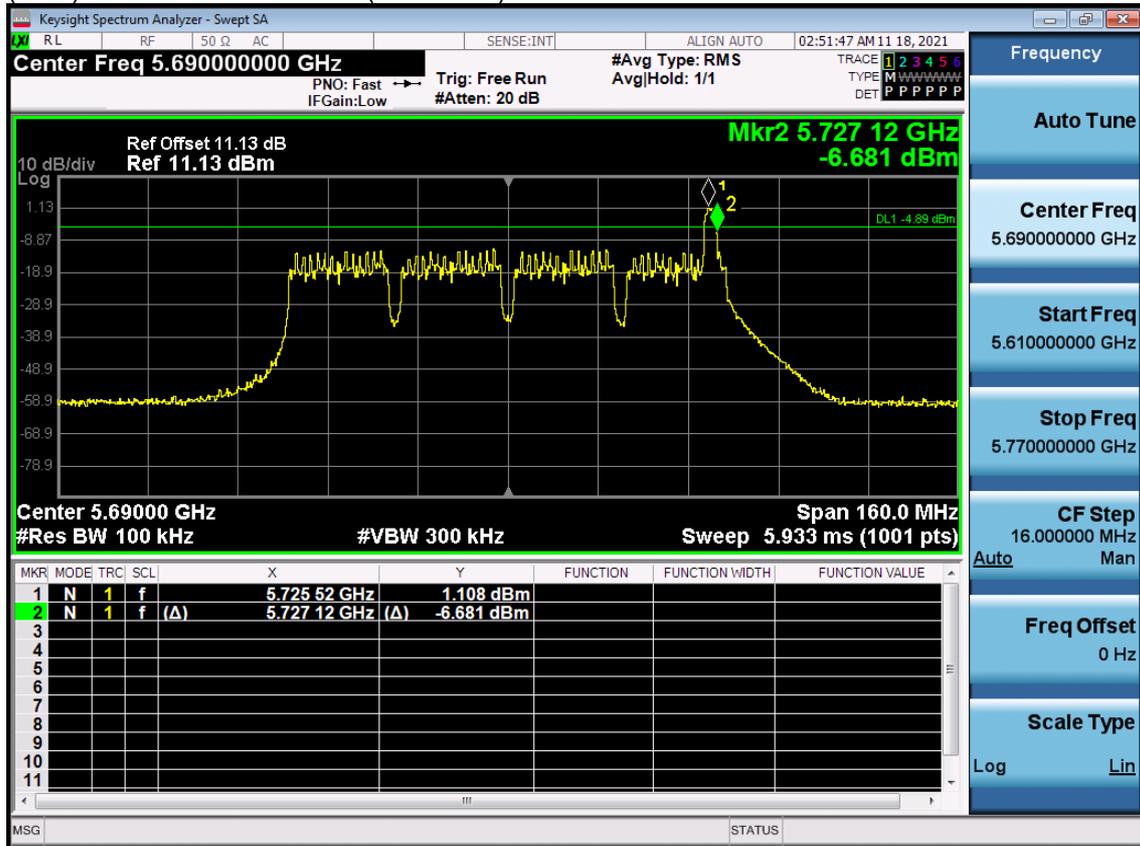
(6 dB) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 16
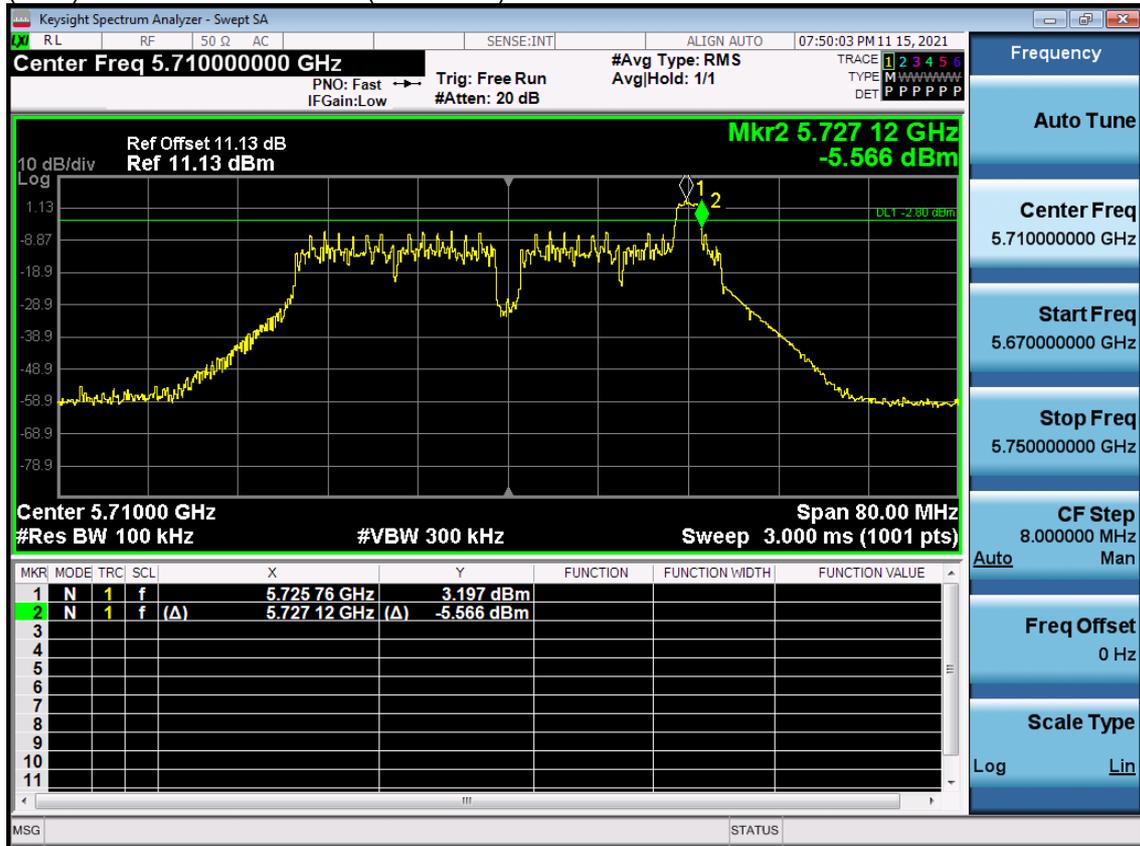
Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5725	2.12

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
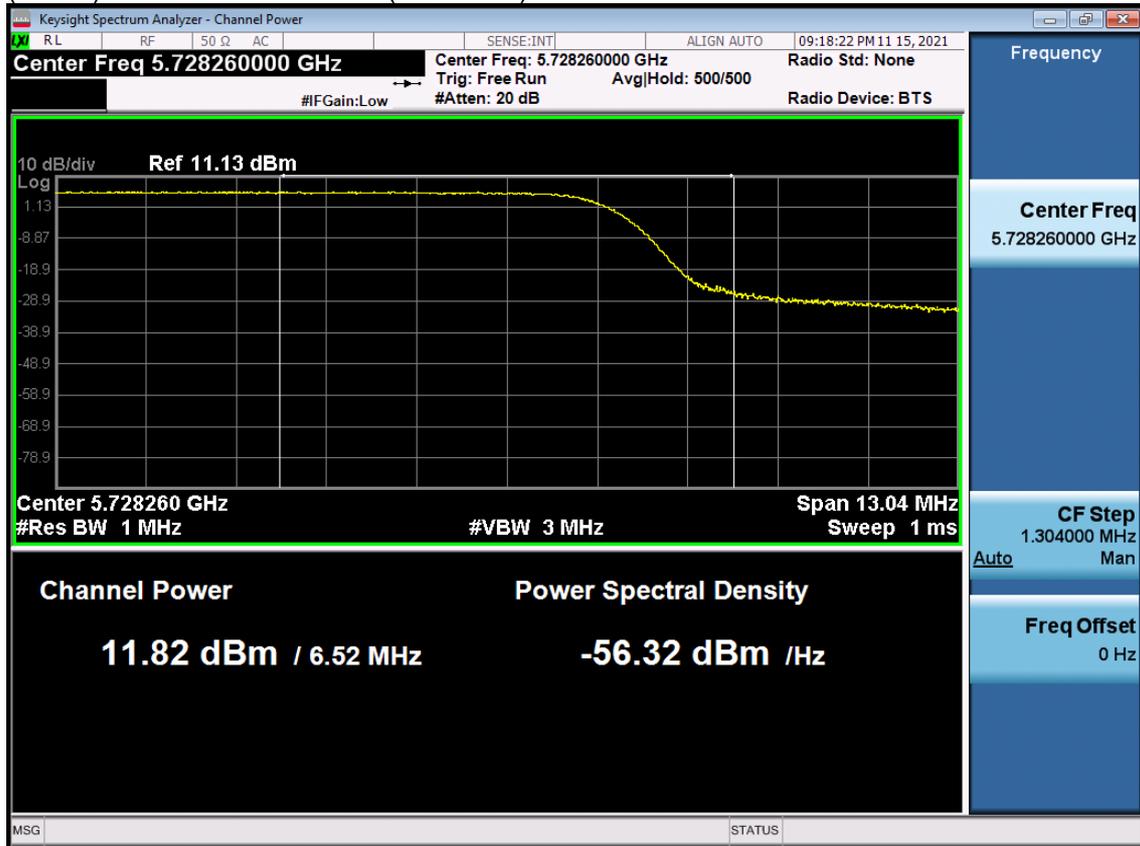
(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU
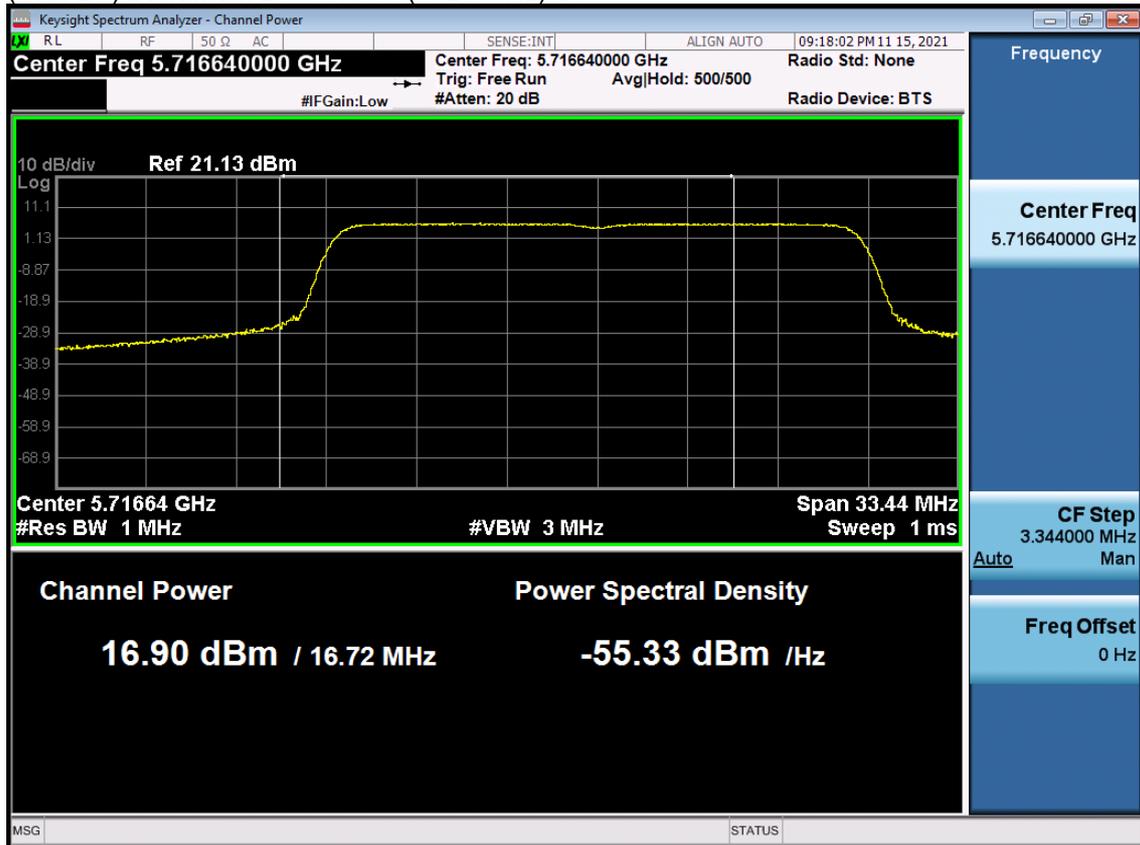
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
16.90	0.000	16.90

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
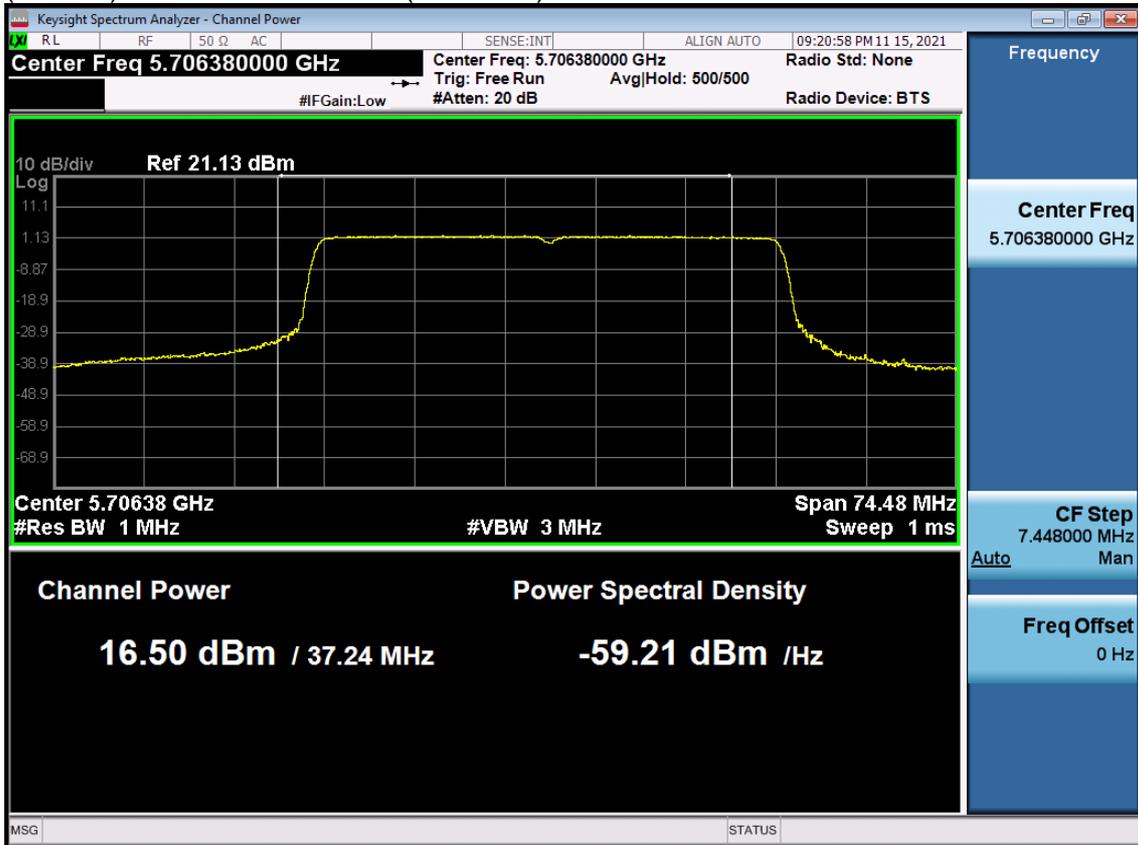
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
11.82	0.000	11.82

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
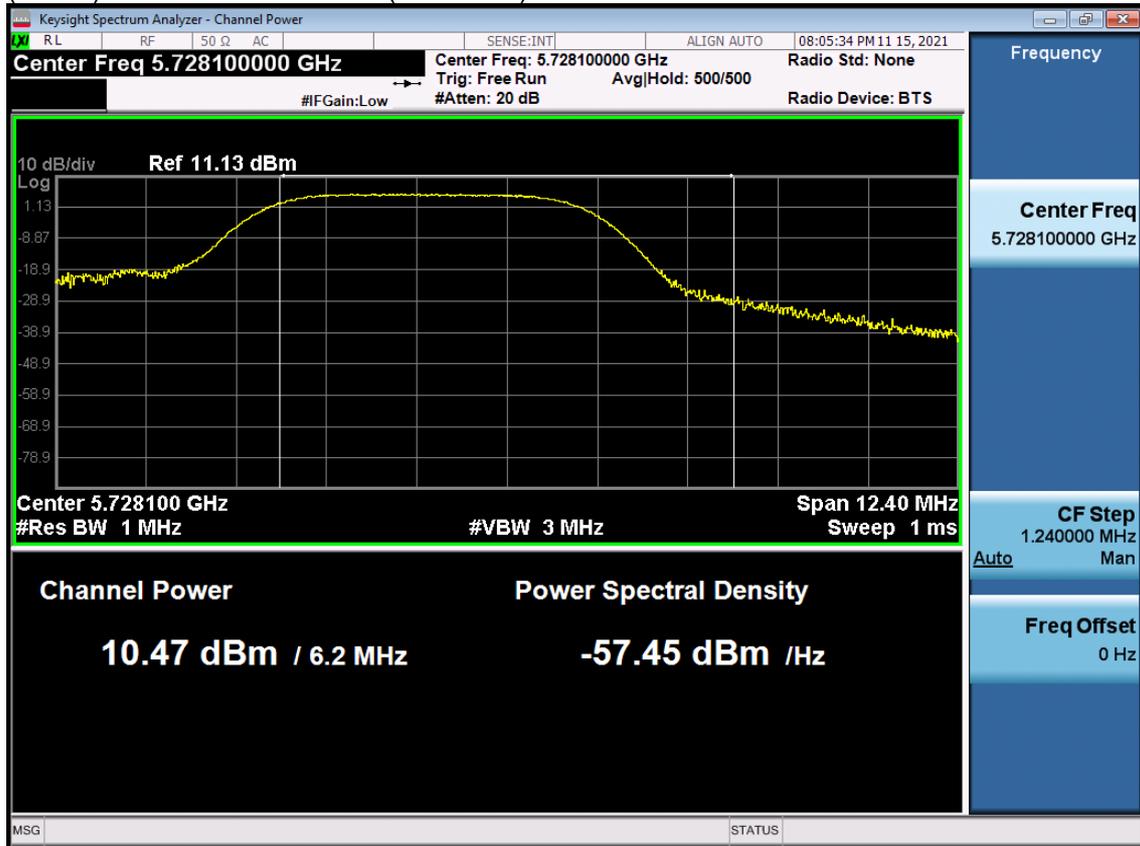
(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
16.50	0.000	16.50

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
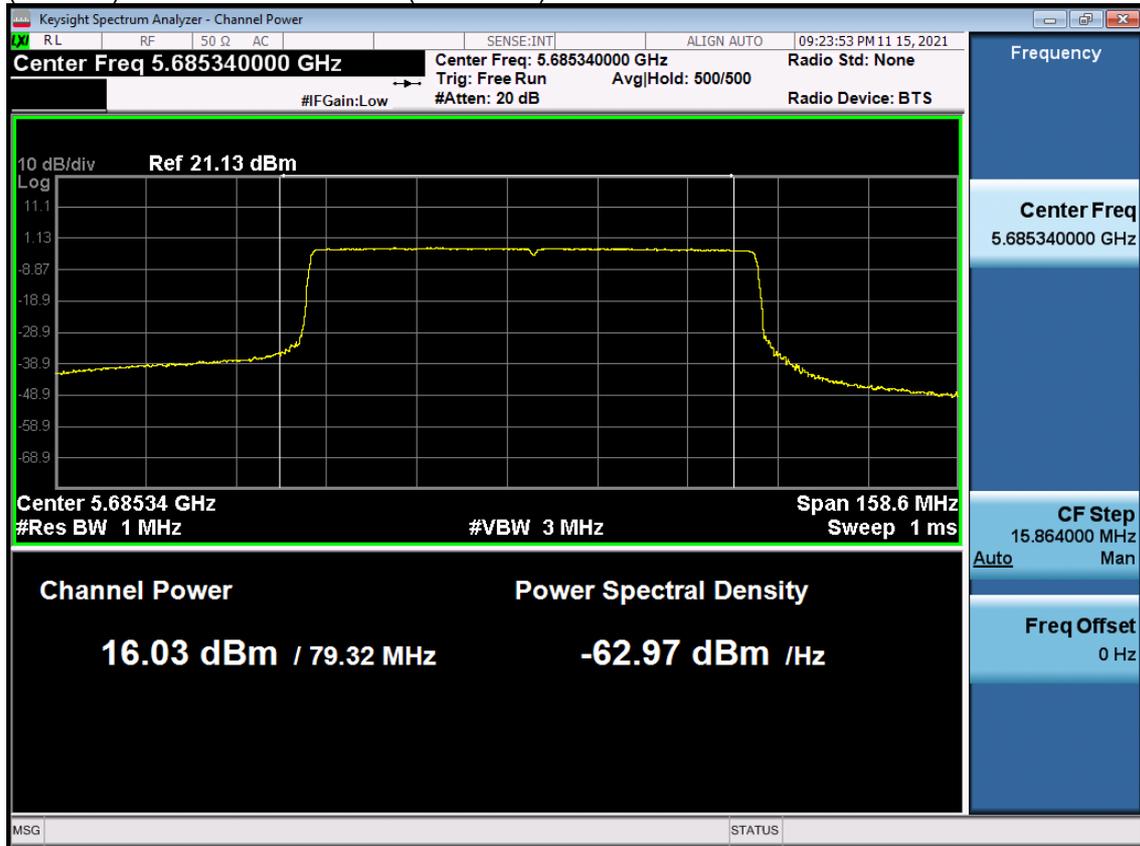
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44

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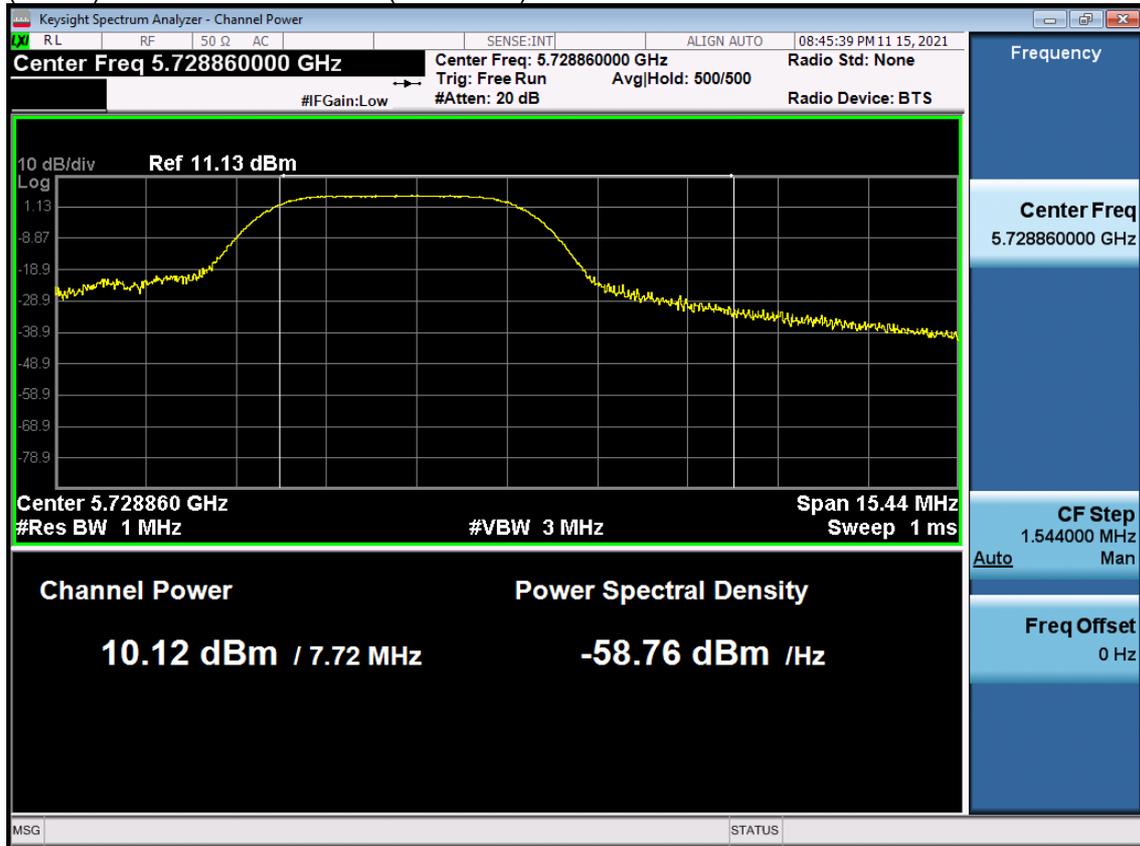
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU

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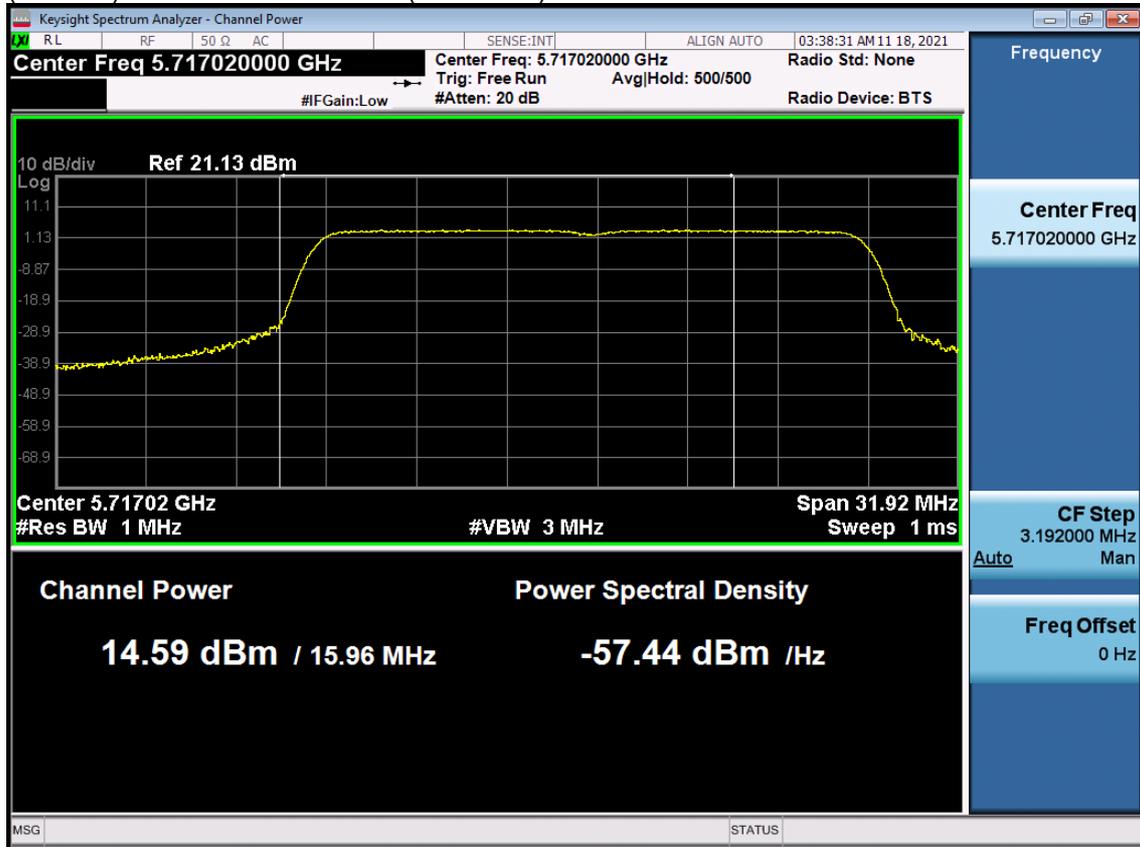
(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 52

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)

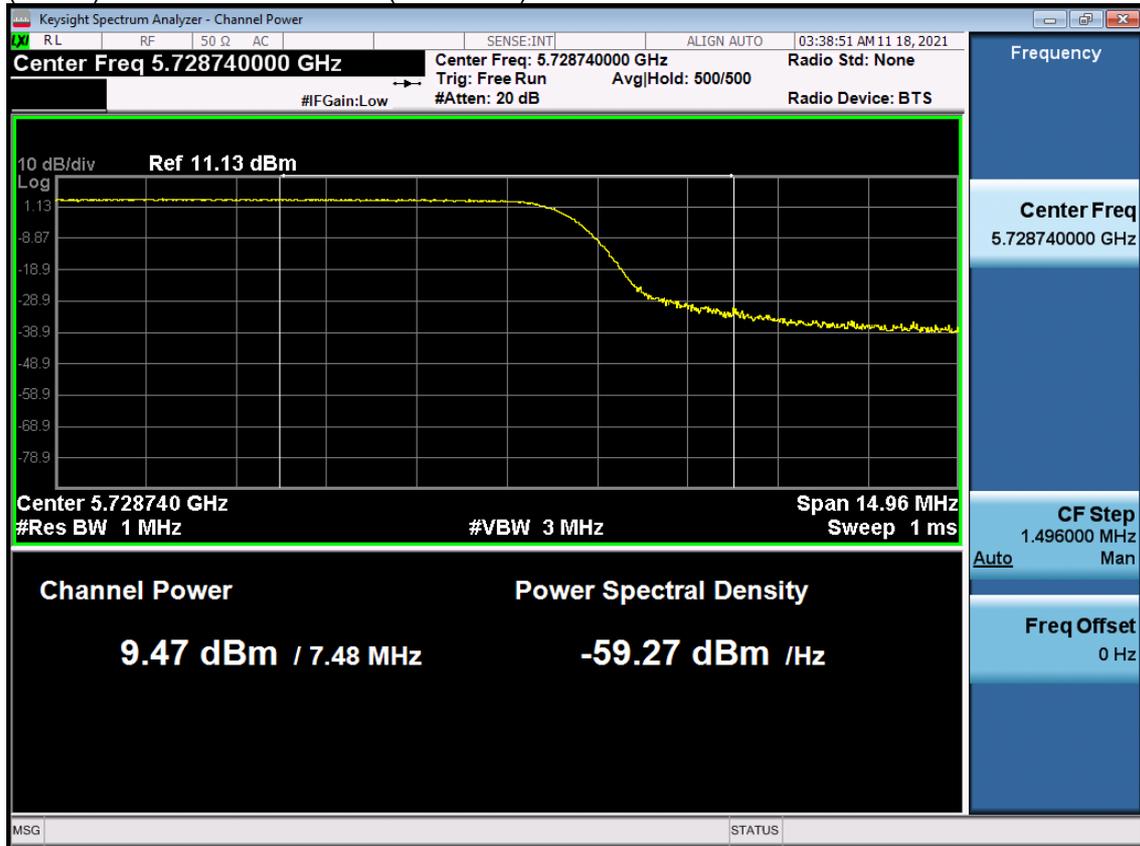## 5.3.2 MIMO Ant2

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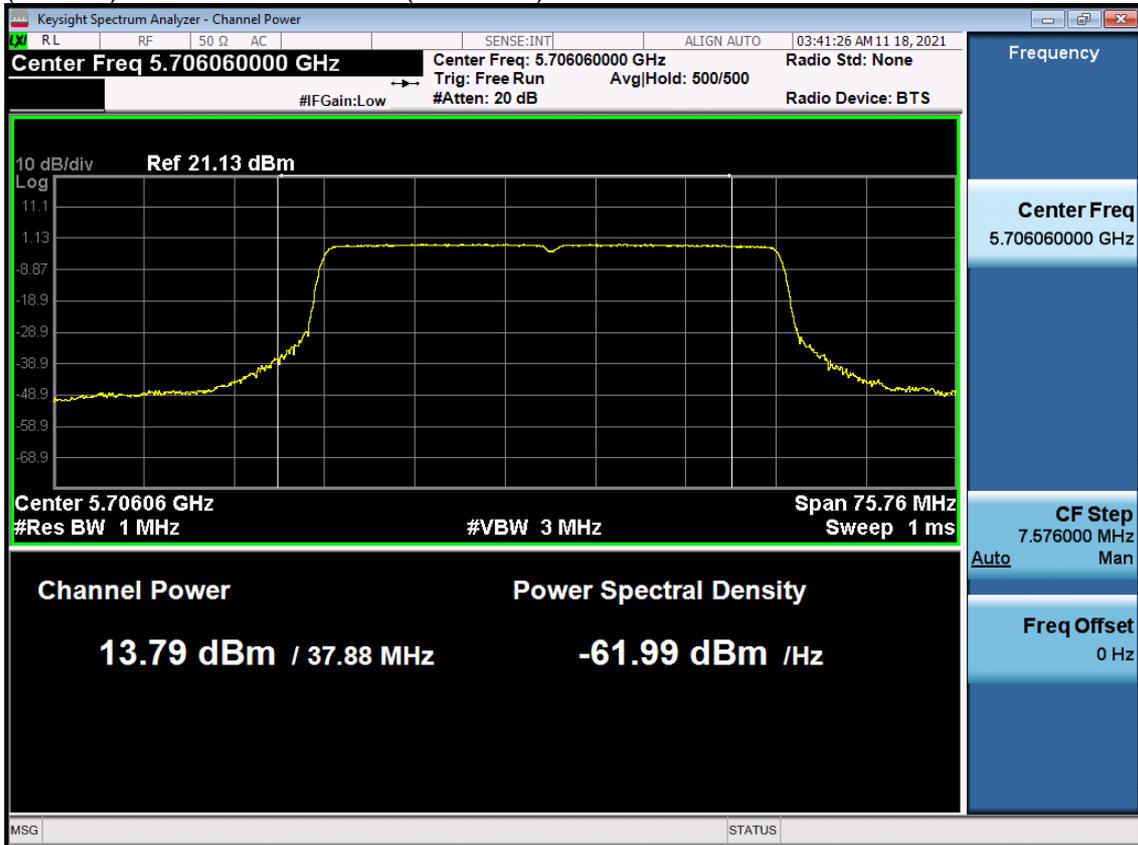
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.47	0.000	9.47

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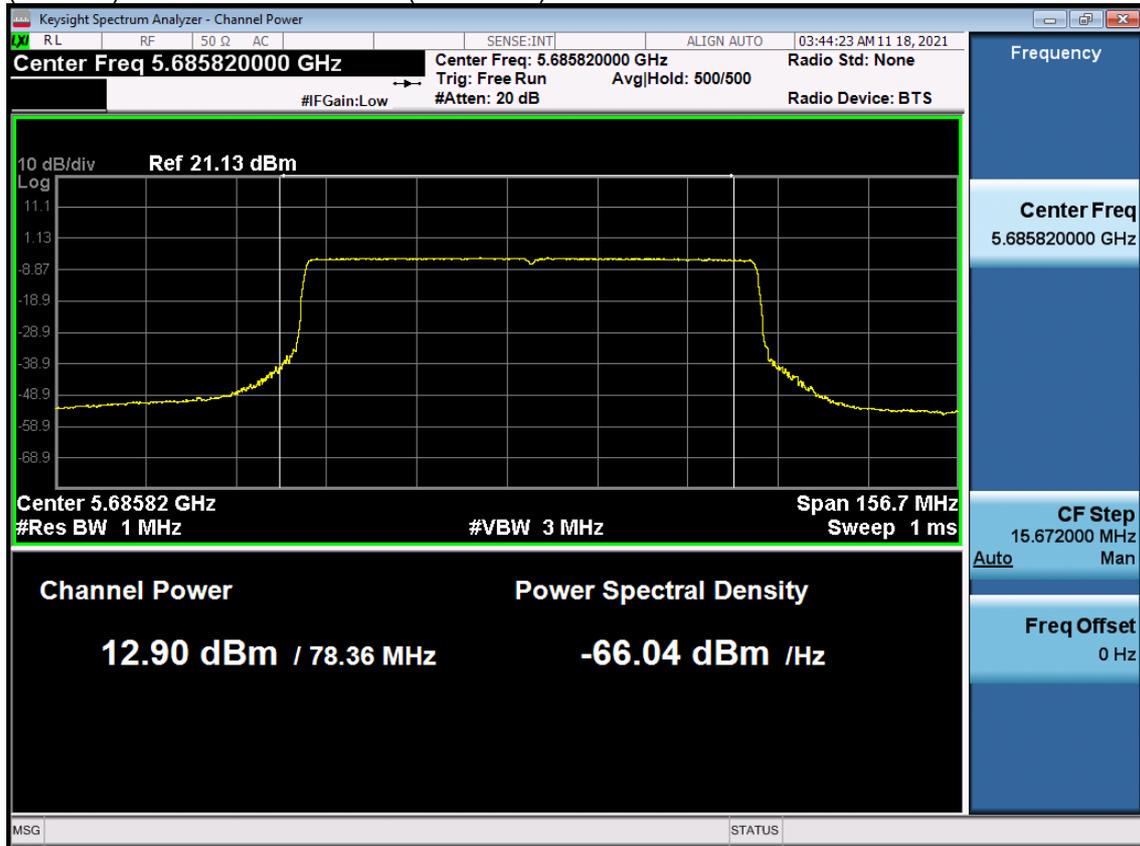
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44

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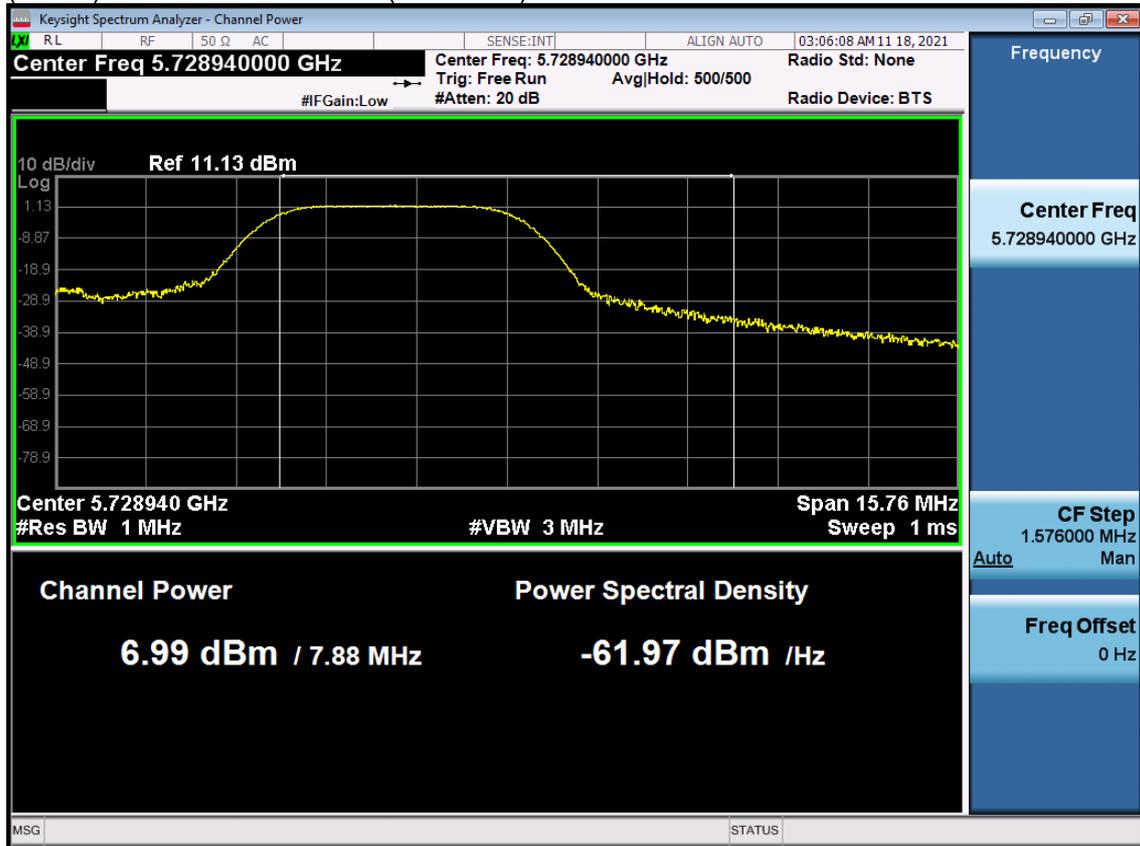
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU

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)

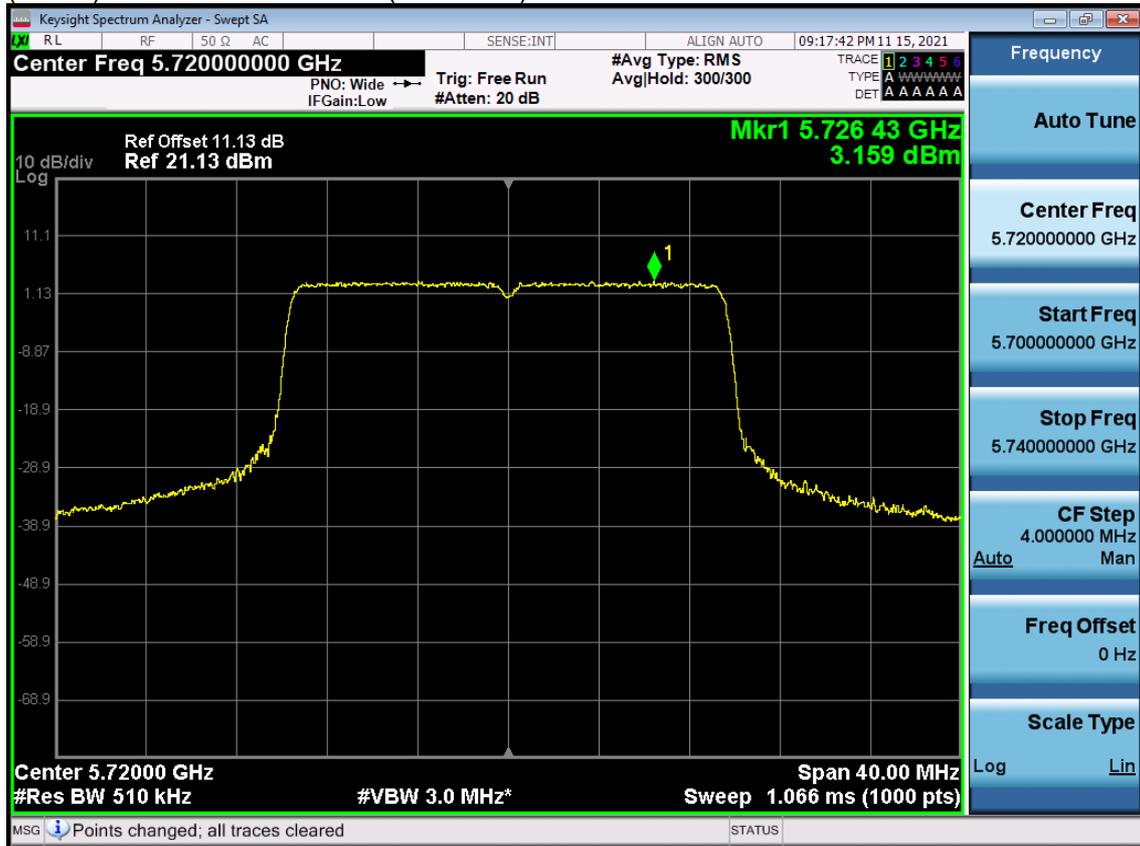### 5.4.1 MIMO Ant1

(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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.159	0.000	3.159

Note:
Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
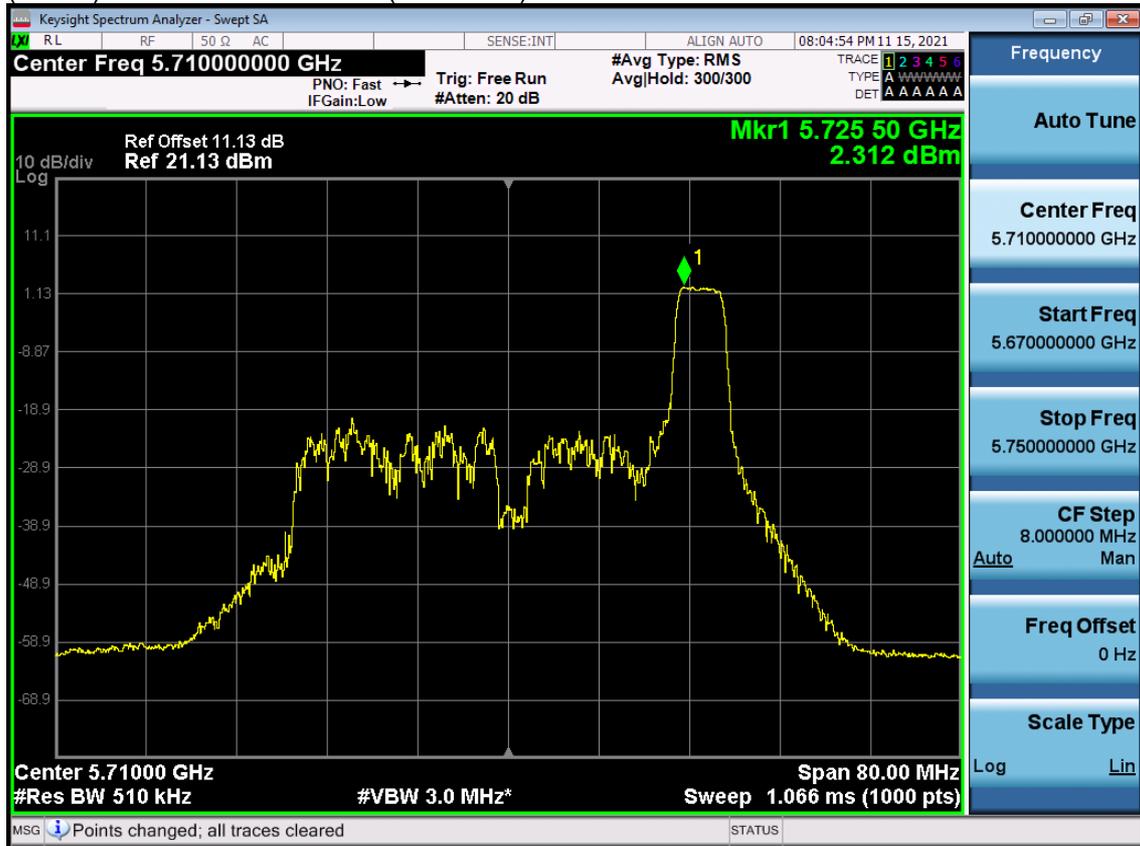
(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 41

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)

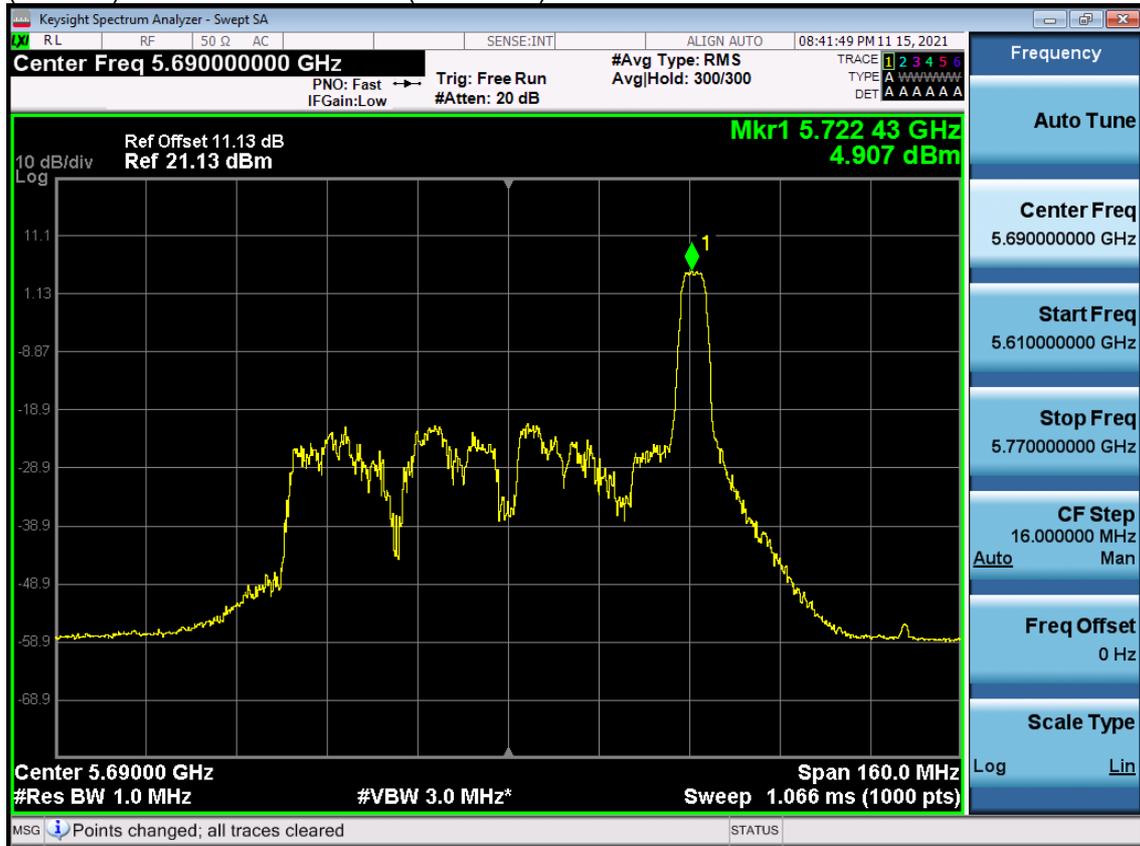(UNII 3) Bandwidth 40M Ch.142(5710 MHz) 52 Tones RU 44

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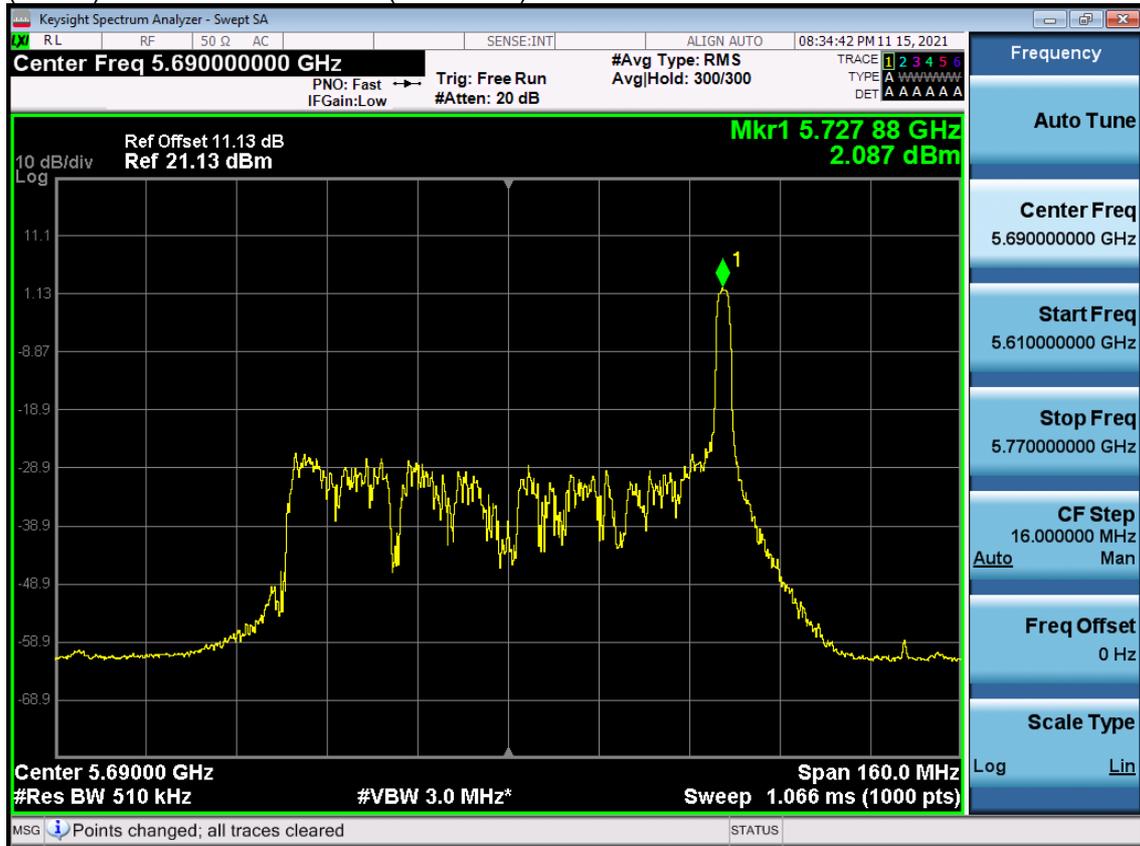
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) 52 Tones RU 51

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)

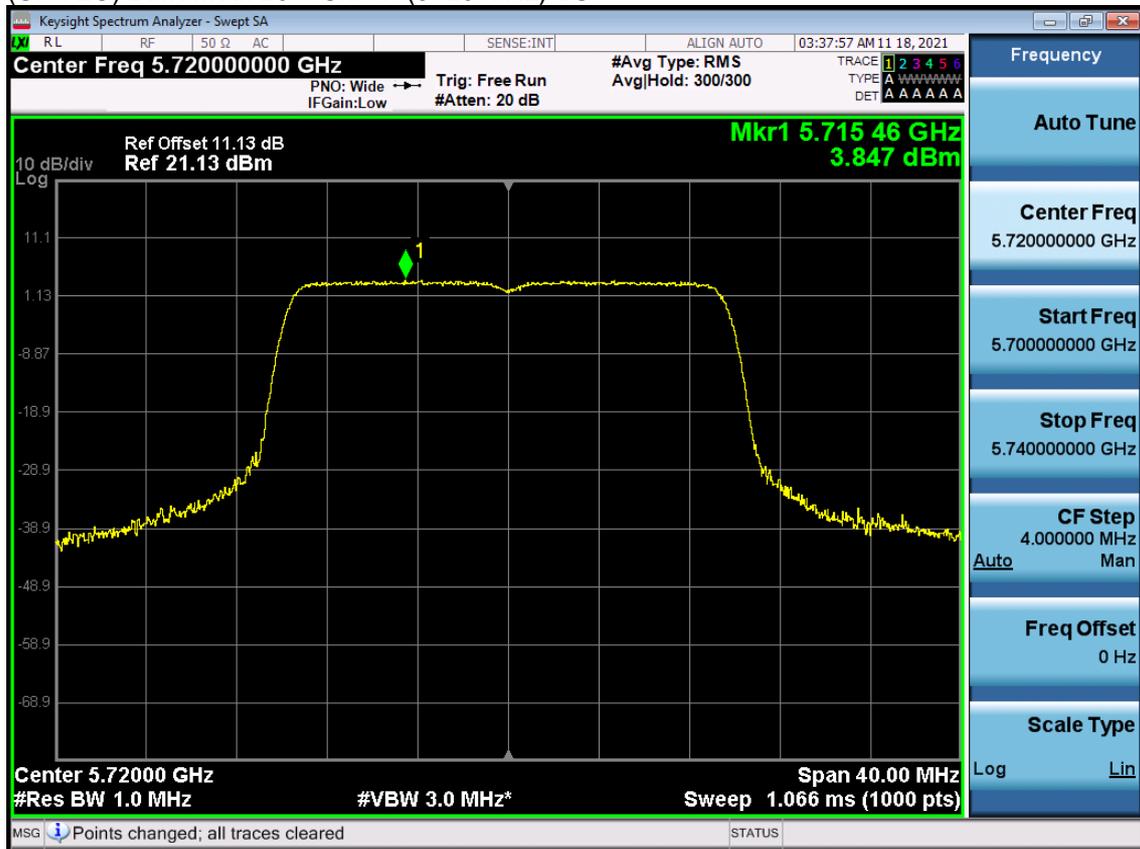(UNII 3) Bandwidth 80M Ch.138(5690 MHz) 26 Tones RU 36

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)

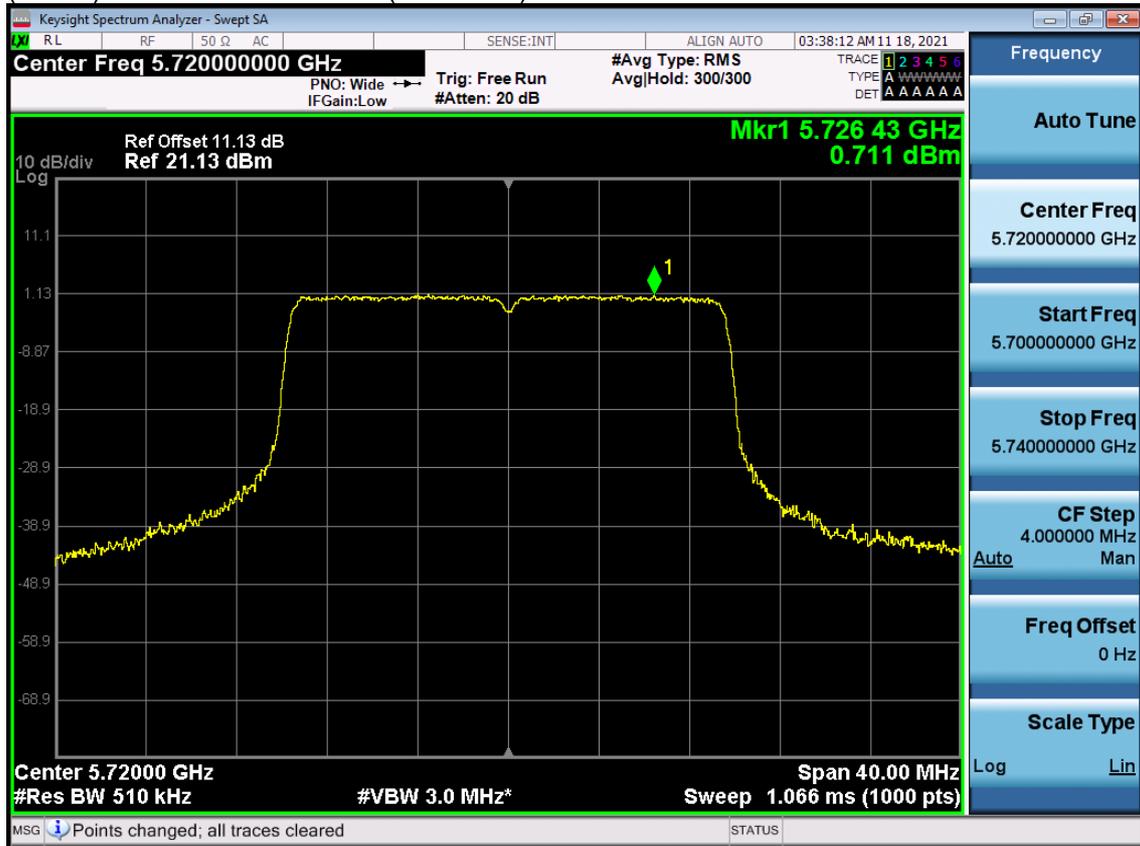## 5.4.2 MIMO Ant2

(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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
0.711	0.000	0.711

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

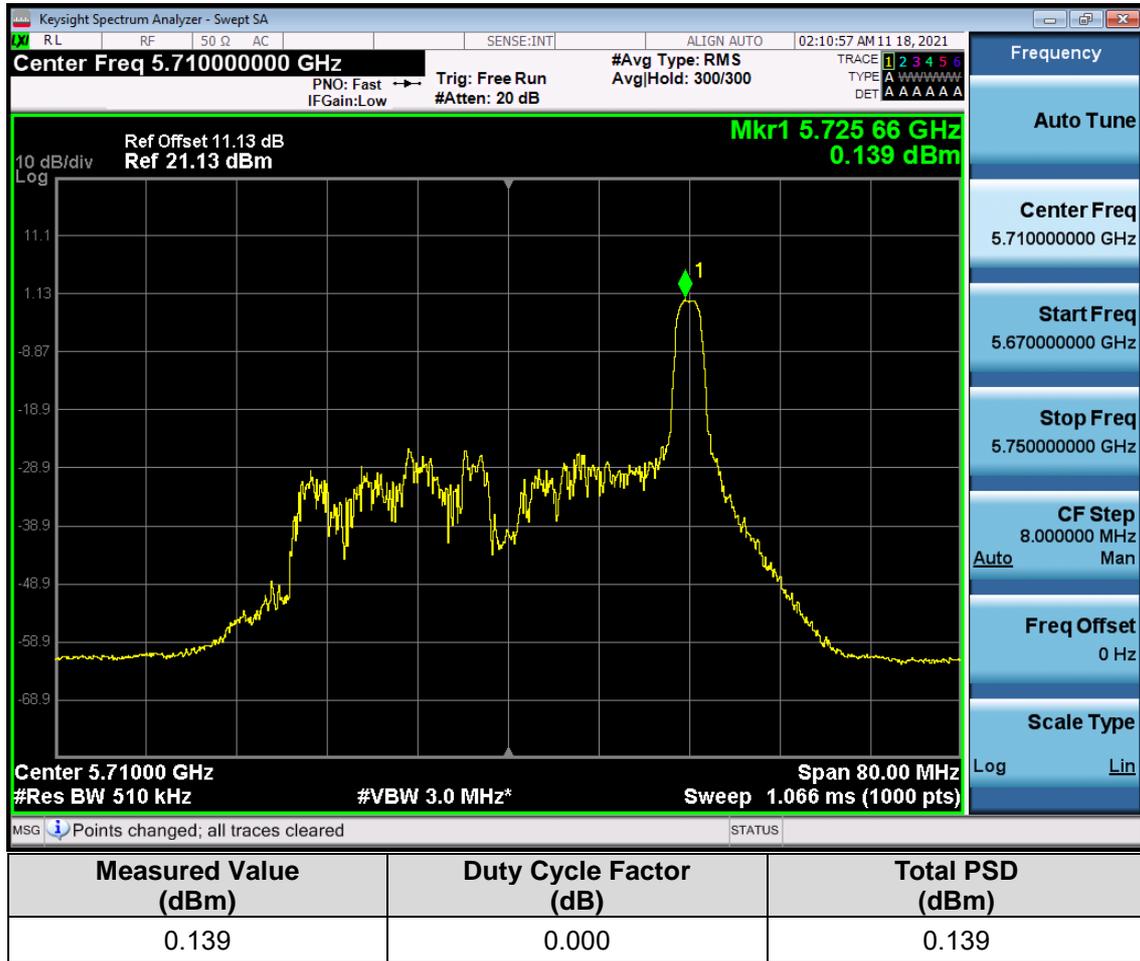(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) 26 Tones RU 9

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
0.139	0.000	0.139

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

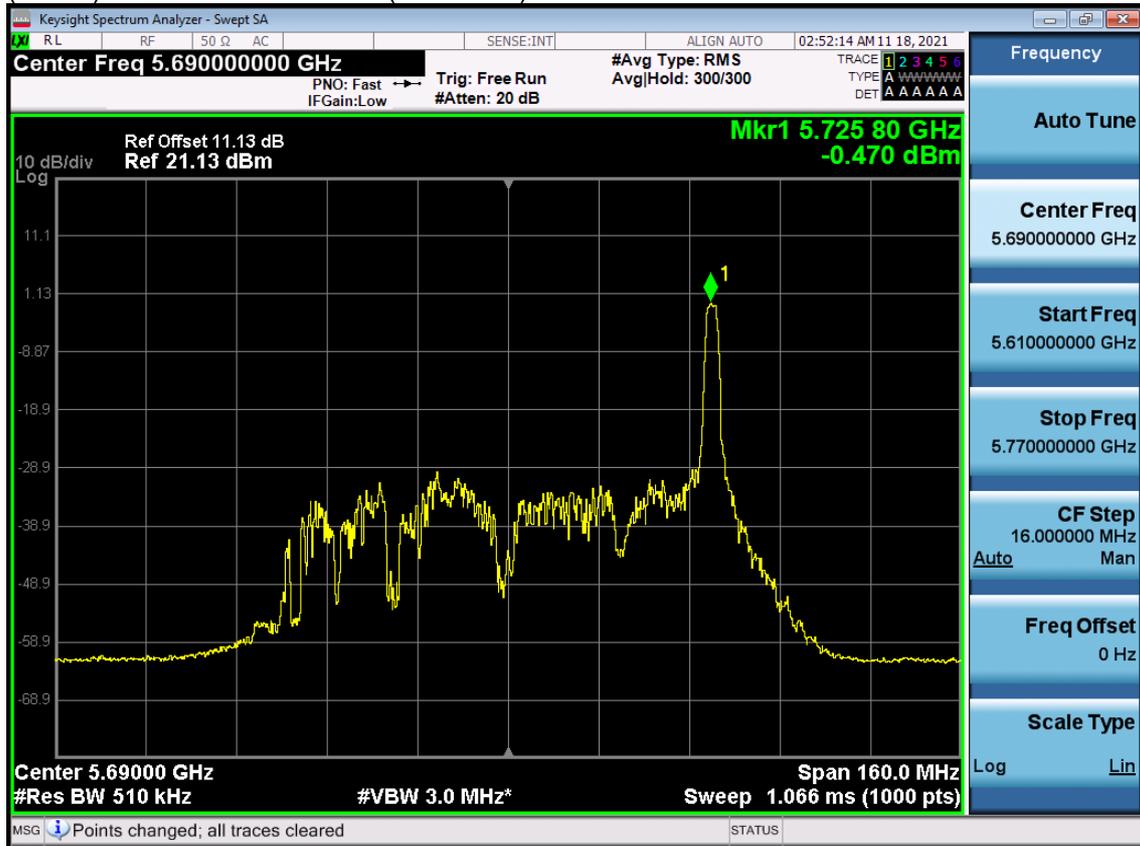| Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
-0.470	0.000	-0.470

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