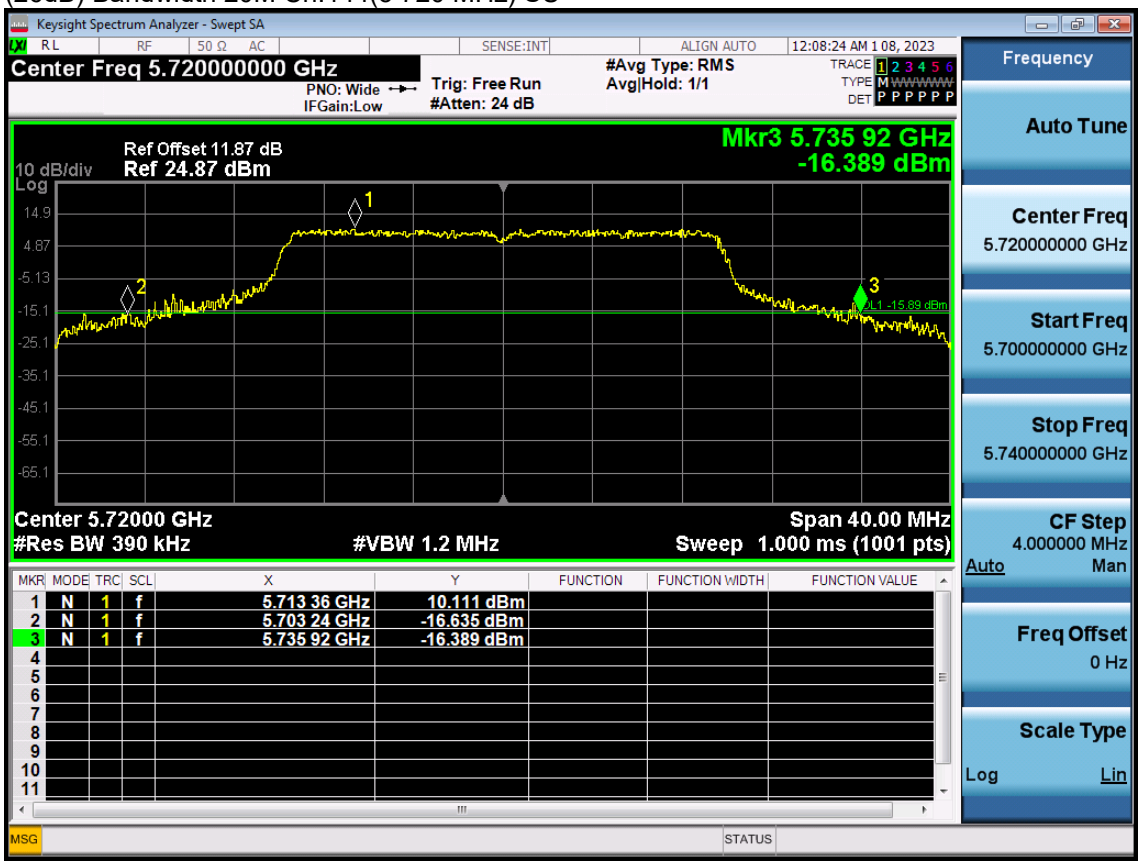
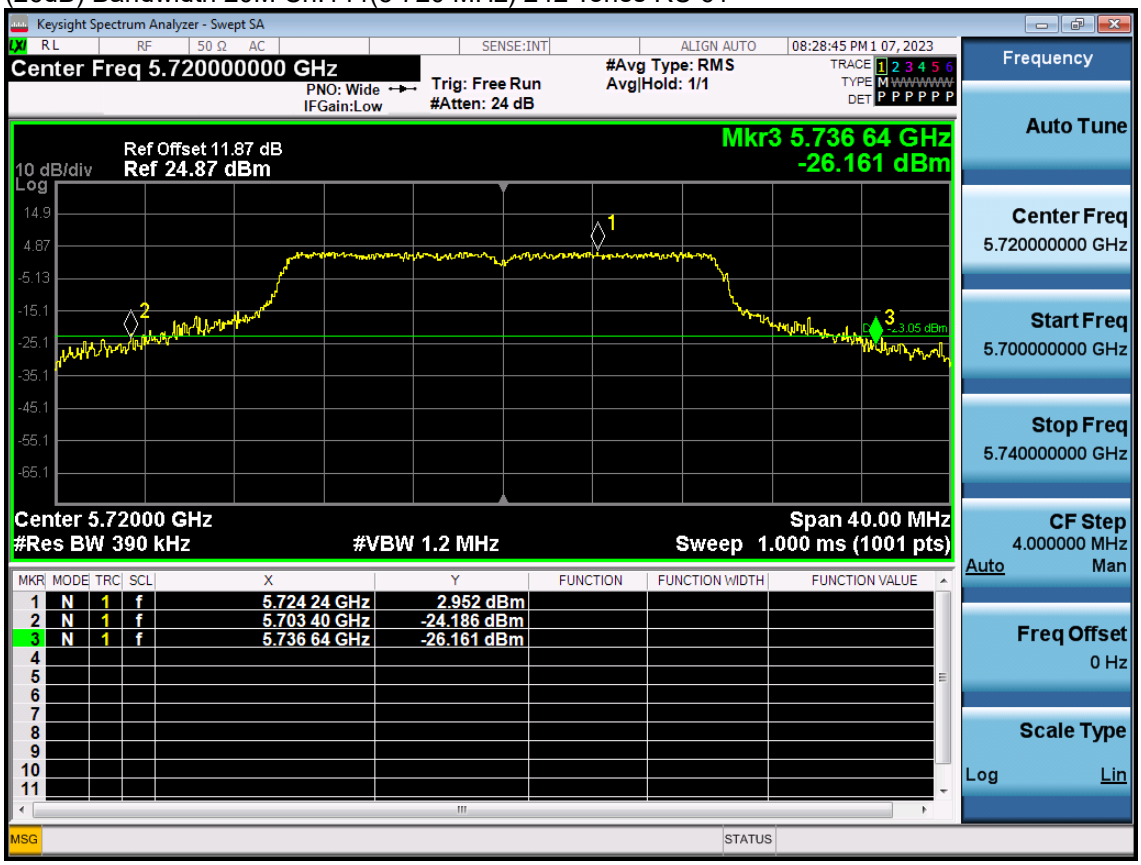
5.1.2 MIMO Ant. 1

(26dB) Bandwidth 20M Ch.144(5 720 MHz) SU



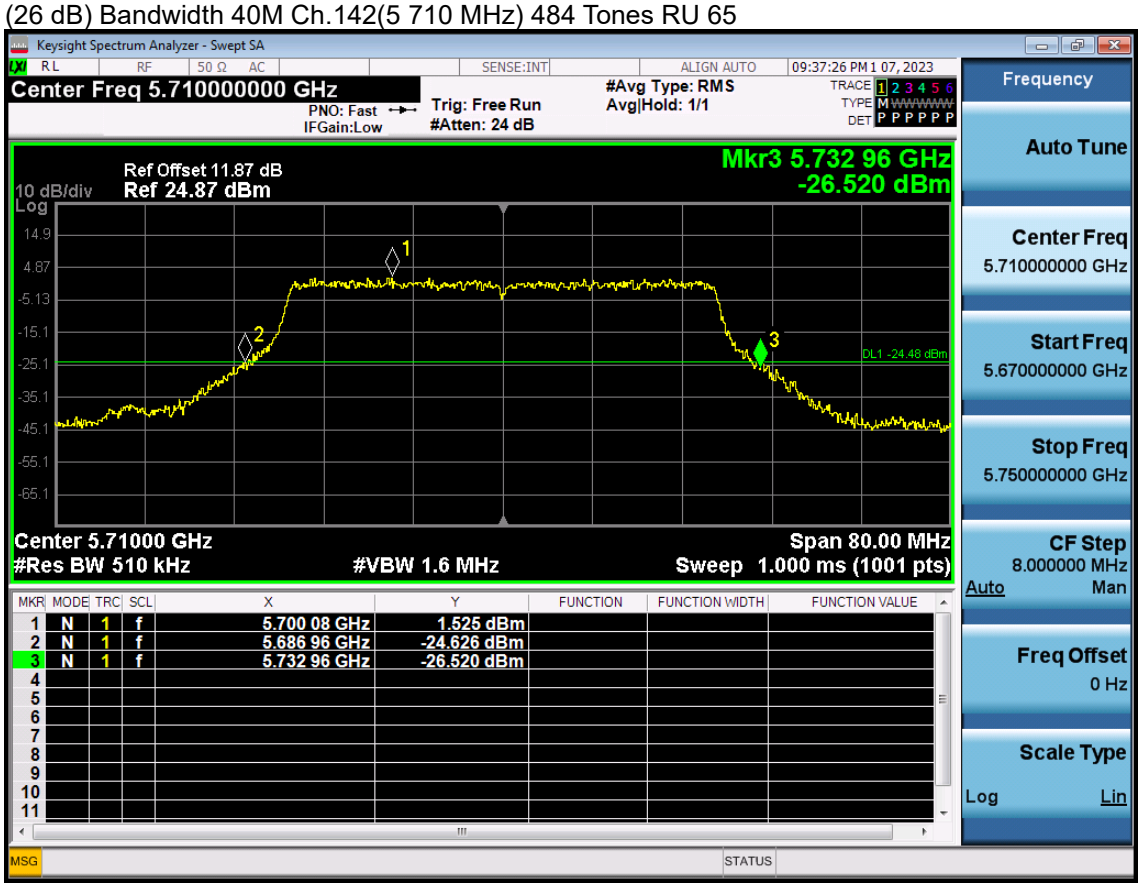
UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5703.24	21.76

(26dB) Bandwidth 20M Ch.144(5 720 MHz) 242 Tones RU 61



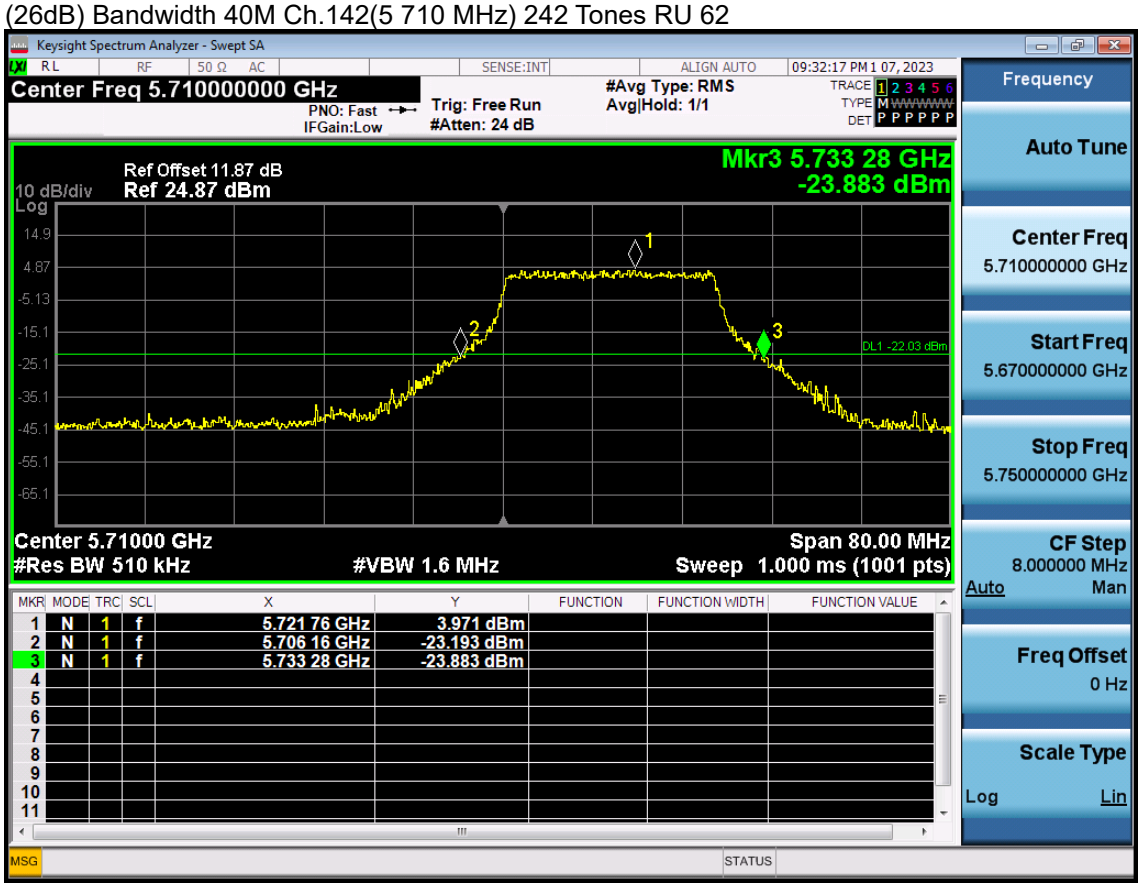
UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5736.64	5 725	11.64

(26 dB) Bandwidth 40M Ch.142(5 710 MHz) 484 Tones RU 65



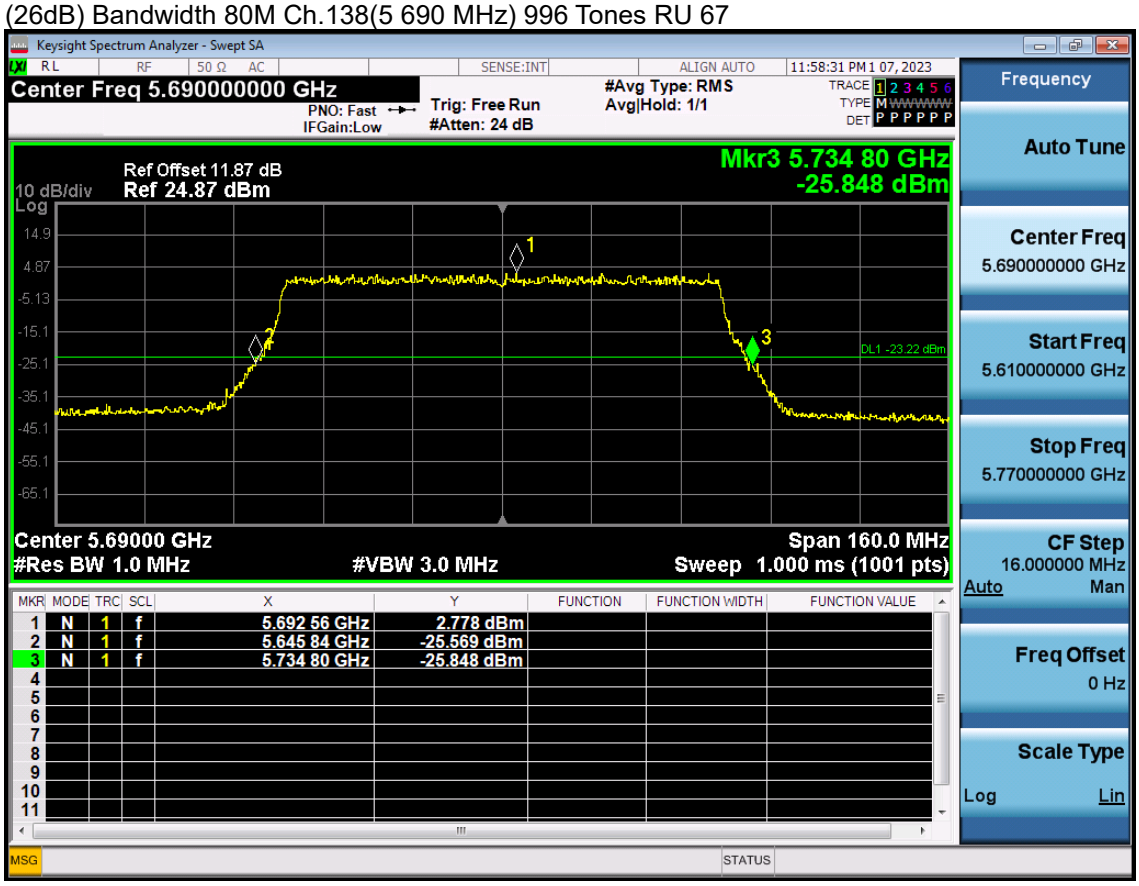
UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5686.96	38.04

(26dB) Bandwidth 40M Ch.142(5 710 MHz) 242 Tones RU 62



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5733.28	5 725	8.28

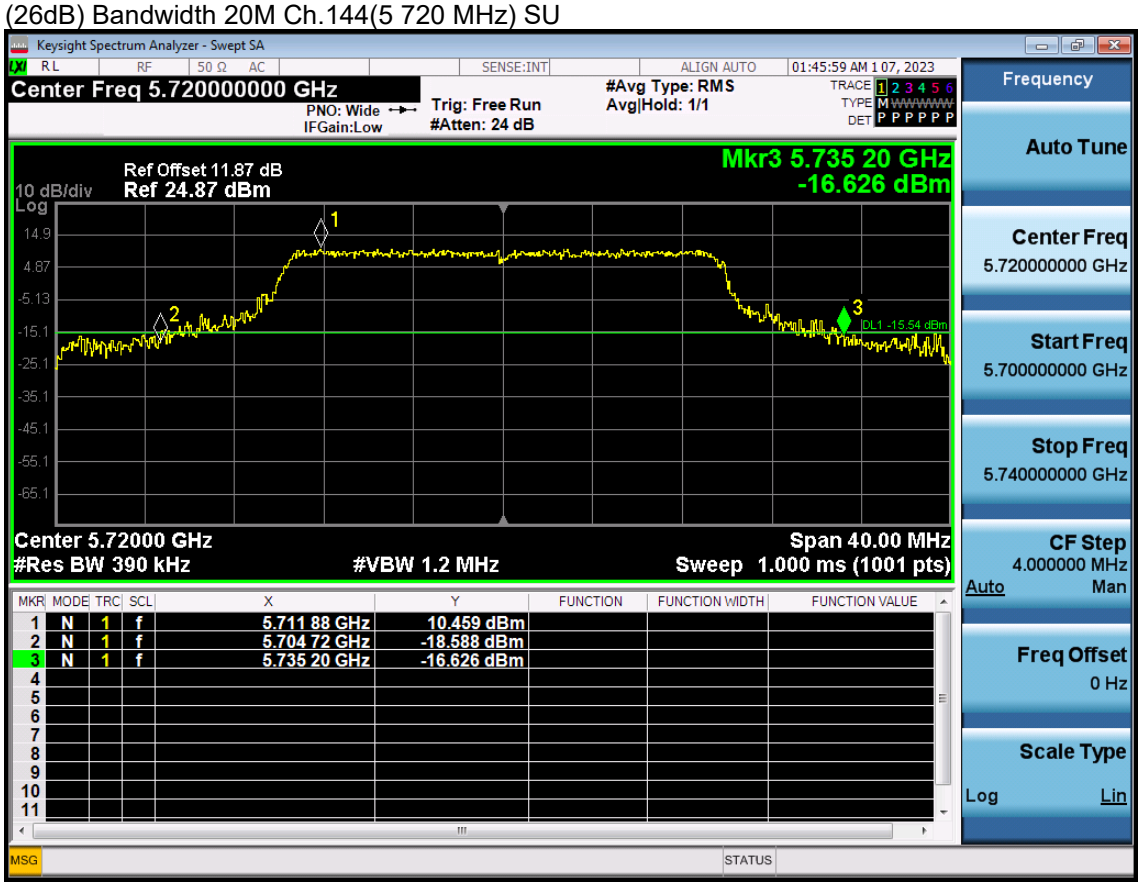
(26dB) Bandwidth 80M Ch.138(5 690 MHz) 996 Tones RU 67



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5645.84	79.16
UNII 3	**Measured Frequency [MHz]**	**Straddle Frequency [MHz]**	**26dB Bandwidth [MHz]**
	5734.8	5 725	9.80

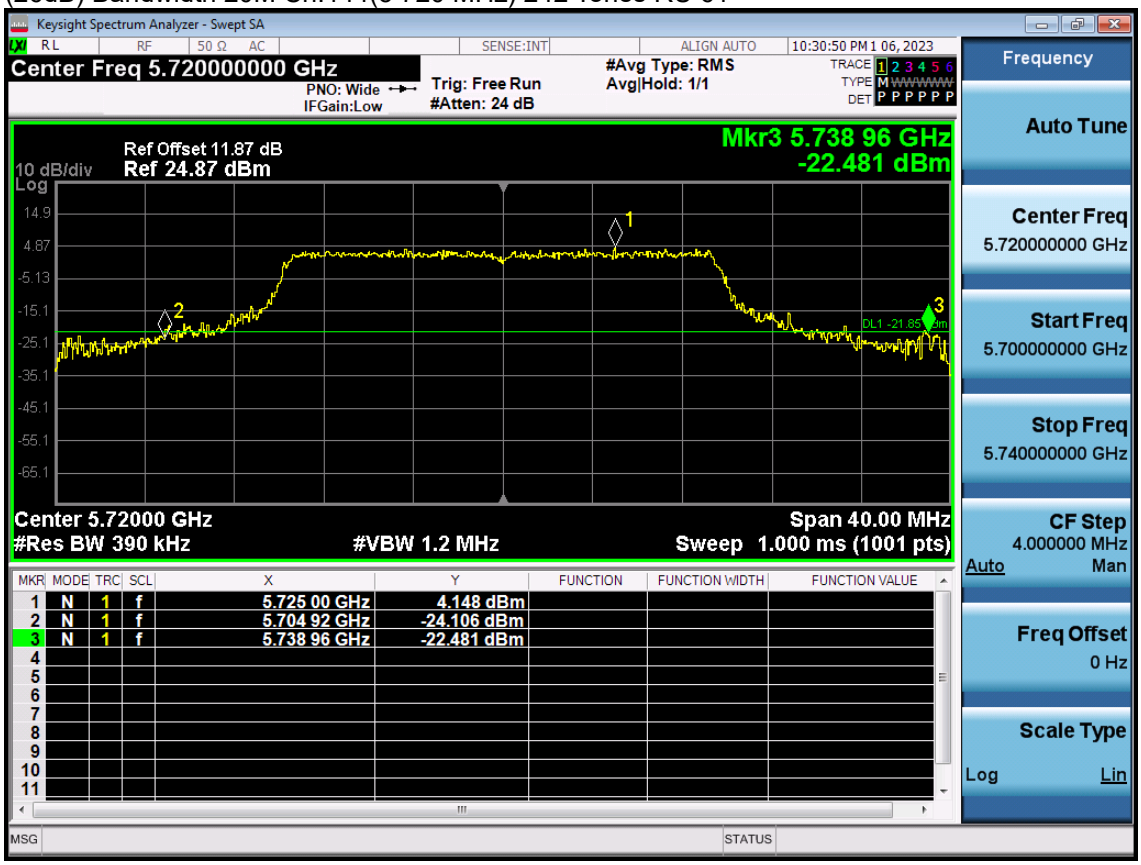
5.1.3 MIMO Ant. 2

(26dB) Bandwidth 20M Ch.144(5 720 MHz) SU



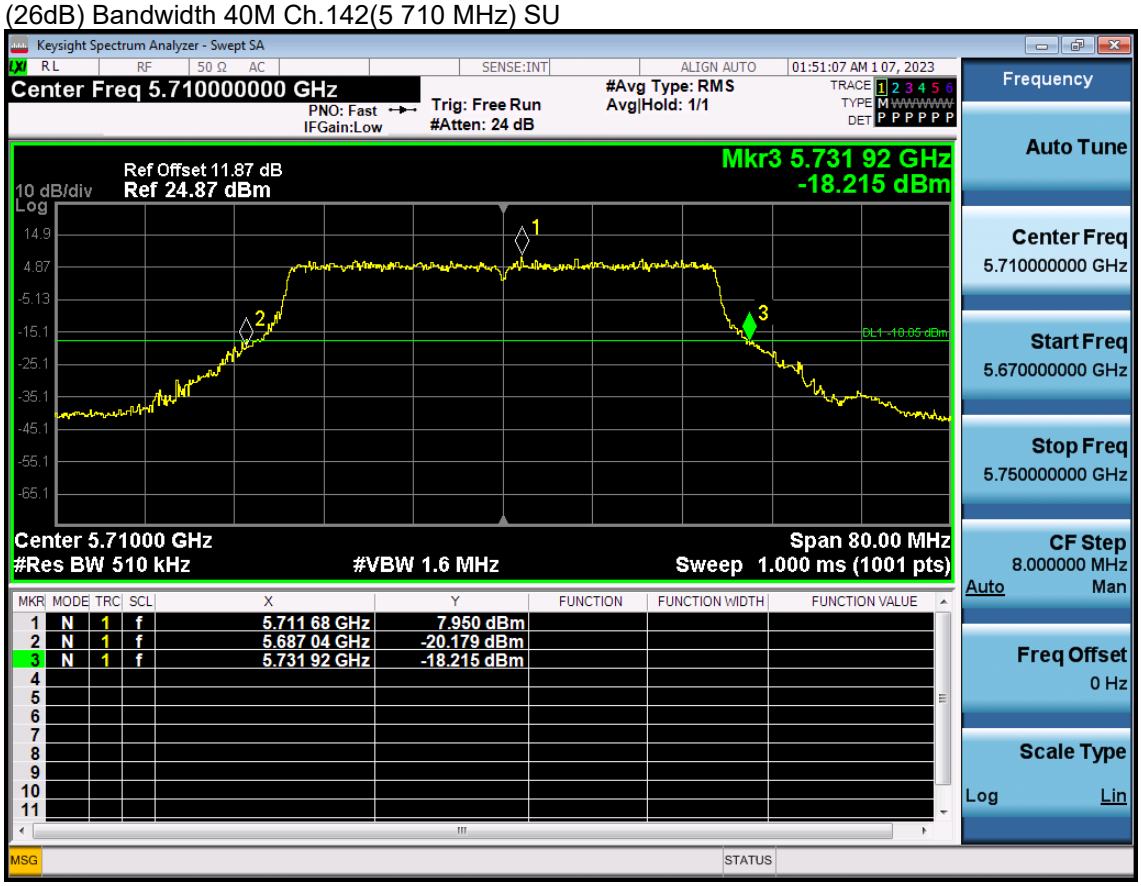
UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5704.72	20.28

(26dB) Bandwidth 20M Ch.144(5 720 MHz) 242 Tones RU 61



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5738.96	5 725	13.96

(26dB) Bandwidth 40M Ch.142(5 710 MHz) SU

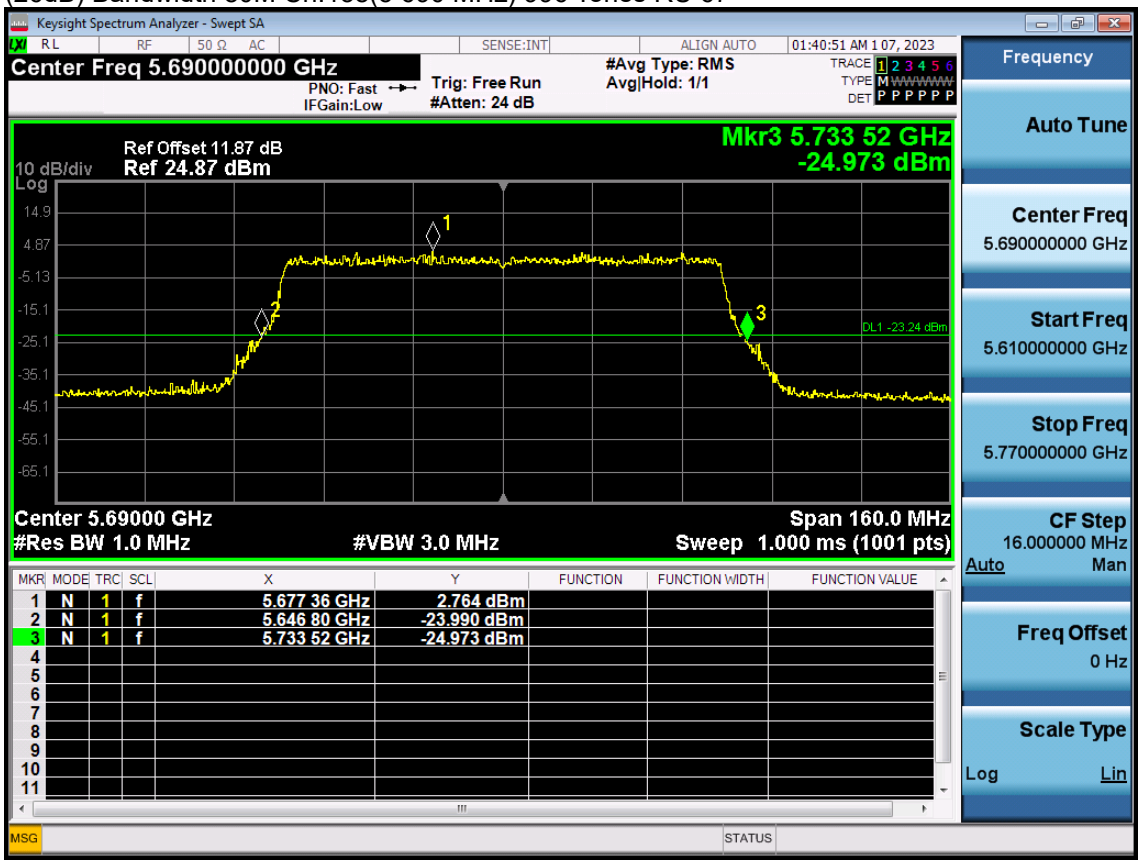


UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5687.04	37.96

(26dB) Bandwidth 40M Ch.142(5 710 MHz) 106 Tones RU 56

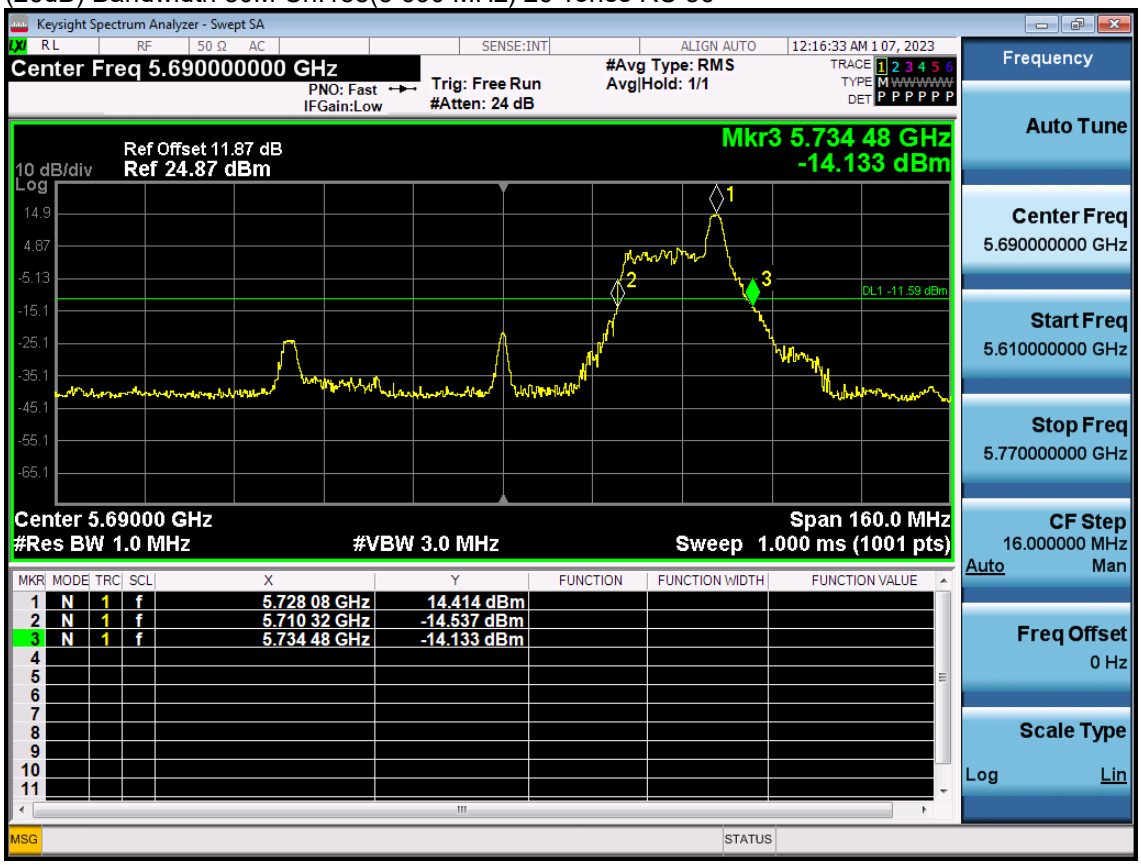
UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5732.88	5 725	7.88

(26dB) Bandwidth 80M Ch.138(5 690 MHz) 996 Tones RU 67



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5 725	5646.8	78.20

(26dB) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 36



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5734.48	5 725	9.48

5.2 6dB Bandwidth

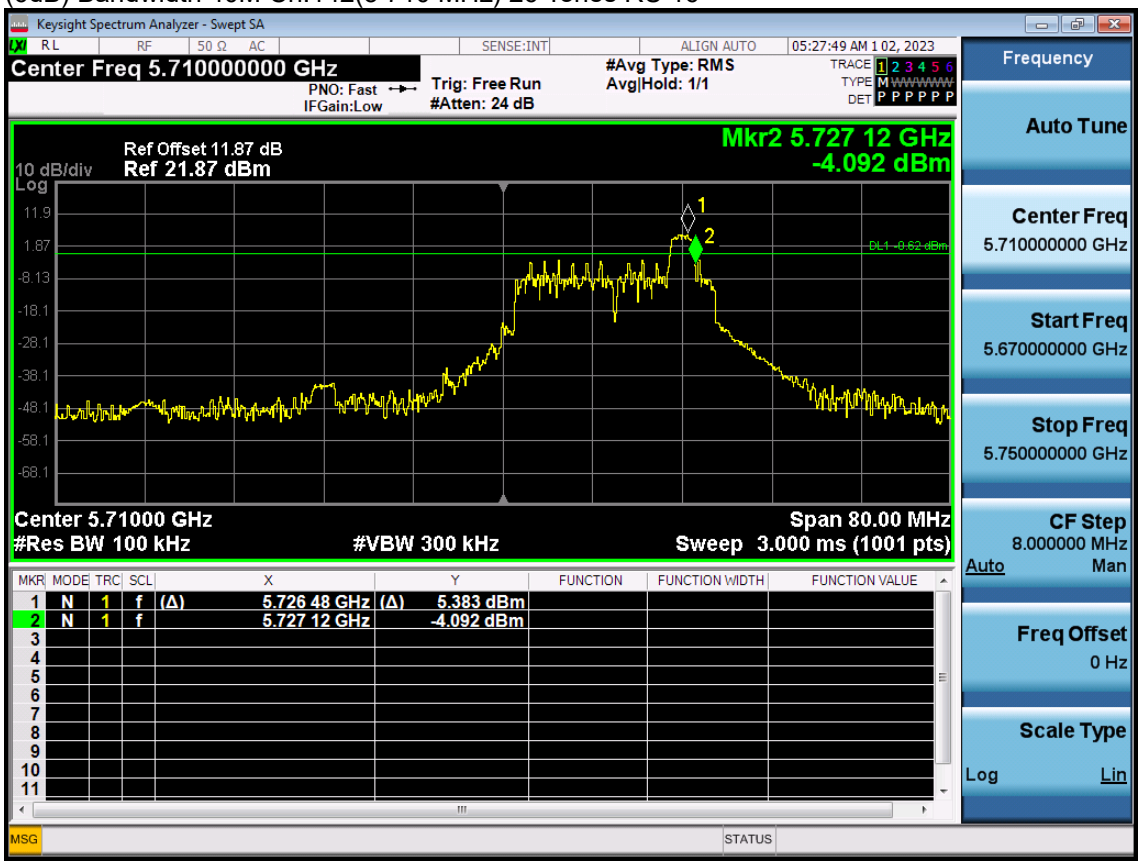
Note:
1. In order to simplify the report, attached plots were only the most narrow channel. (UNII1~4)
2. 6dB Bandwidth = Measured Frequency[MHz] – 5 725 MHz

5.2.1 SISO(Ant. 2)

(6dB) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 7

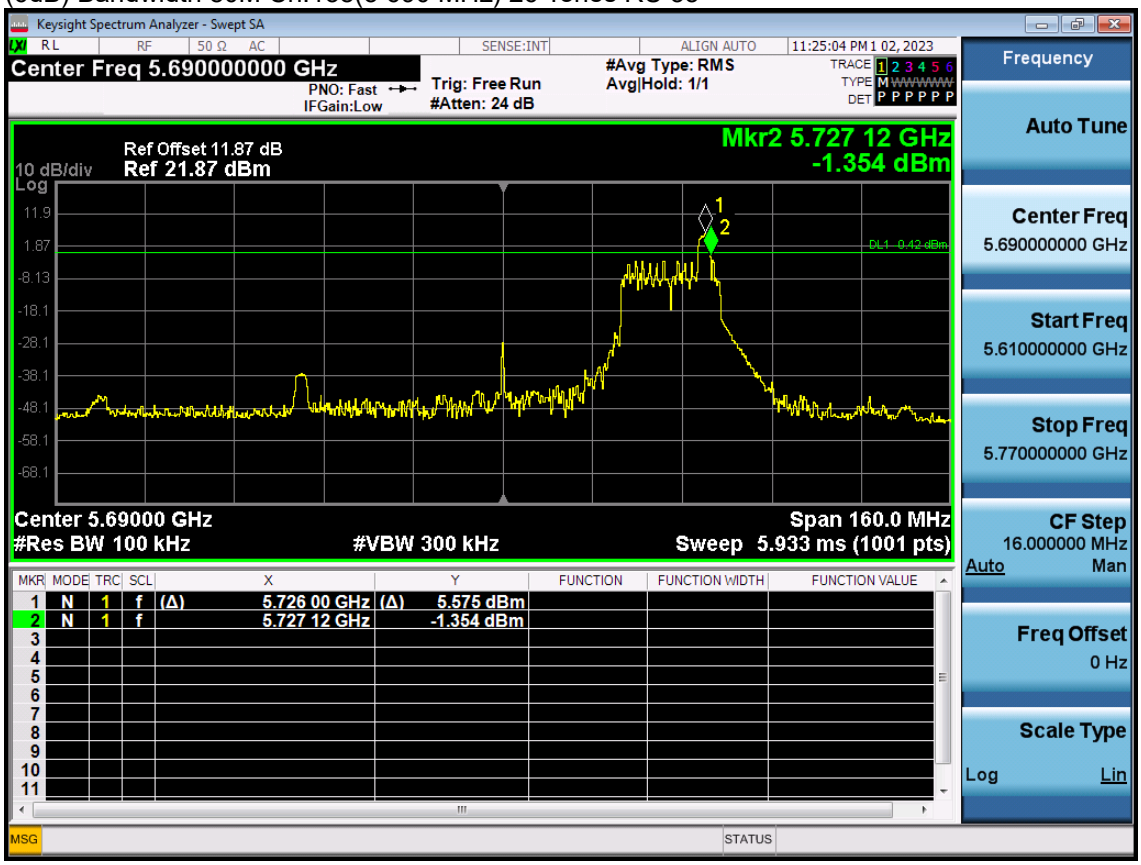
Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.48	5 725	2.48

(6dB) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 16



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5 725	2.12

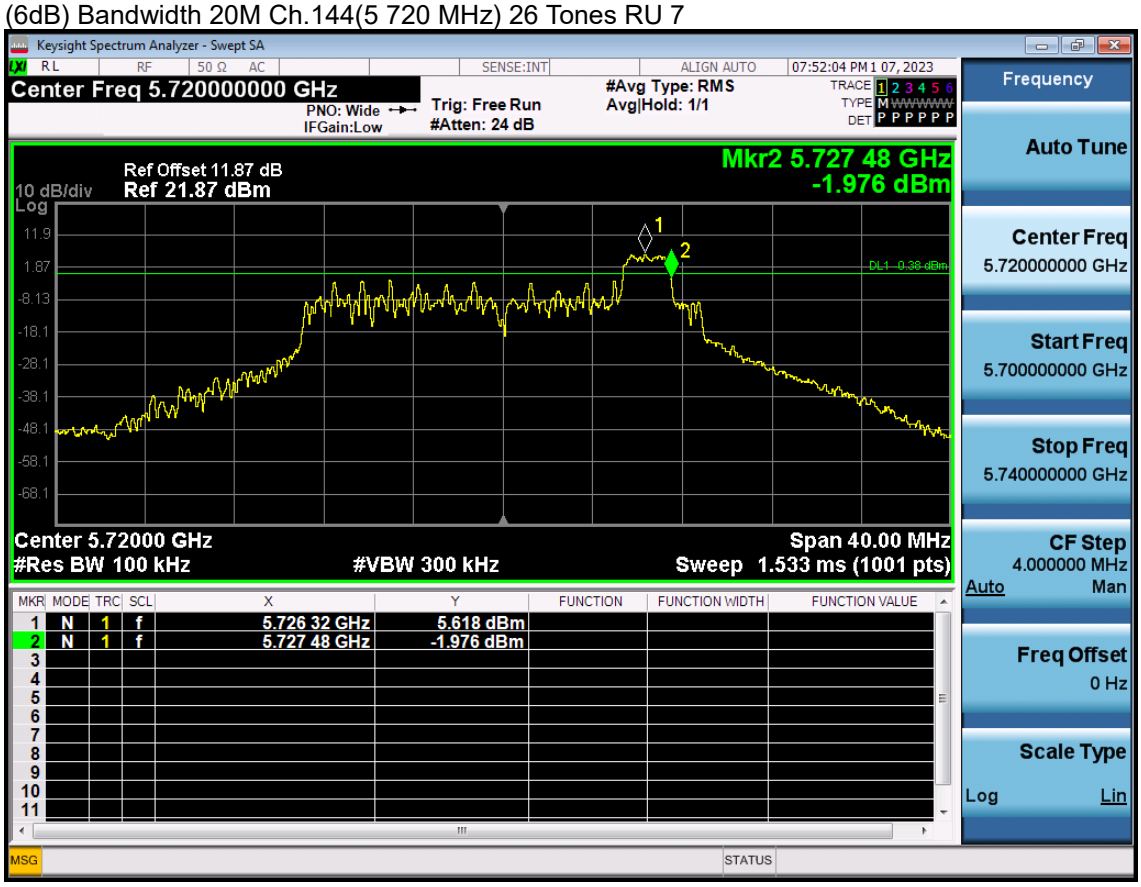
(6dB) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5 725	2.12

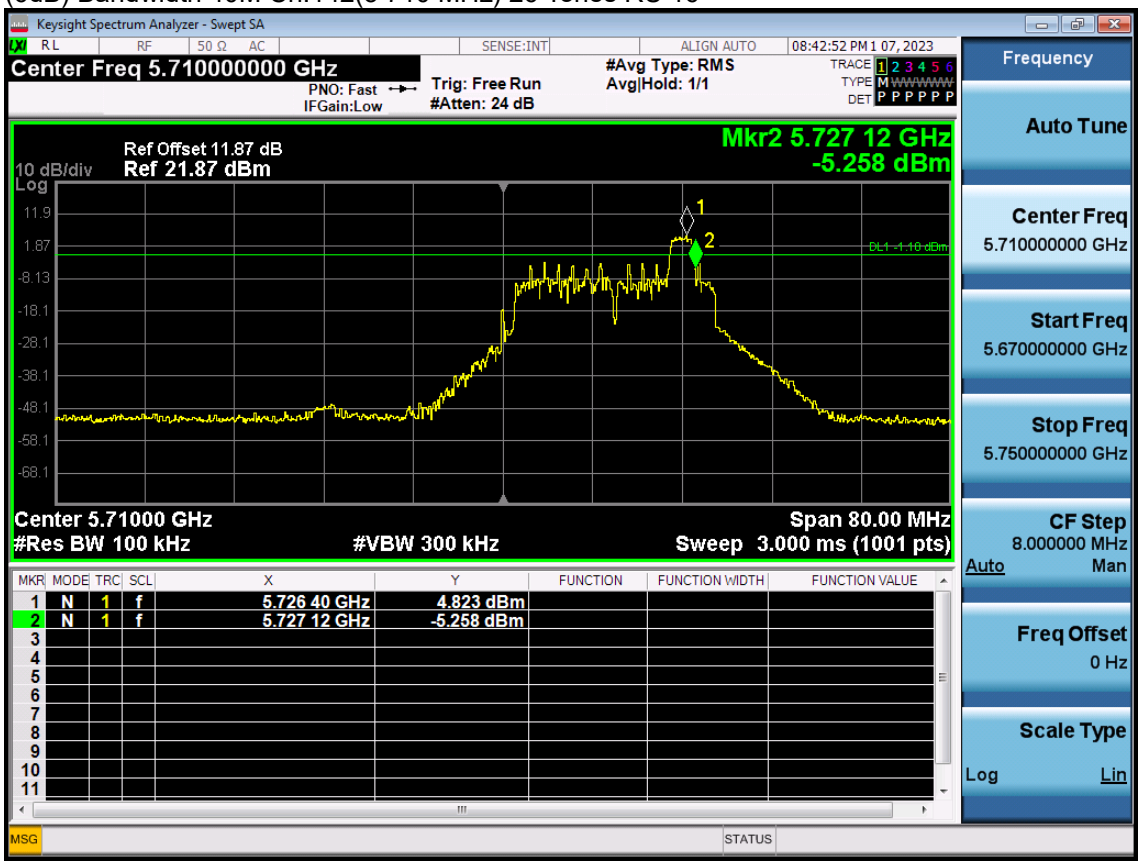
5.2.2 MIMO Ant. 1

(6dB) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 7



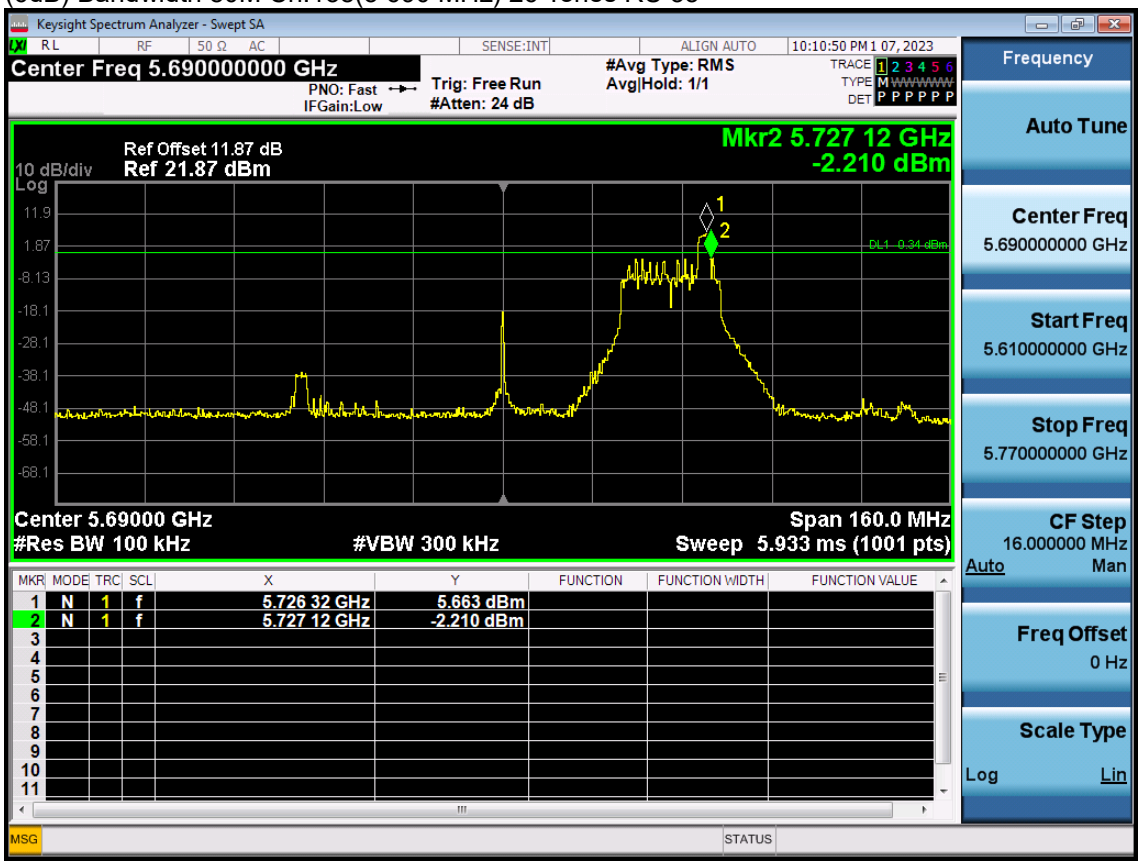
Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.48	5 725	2.48

(6dB) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 16



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5 725	2.12

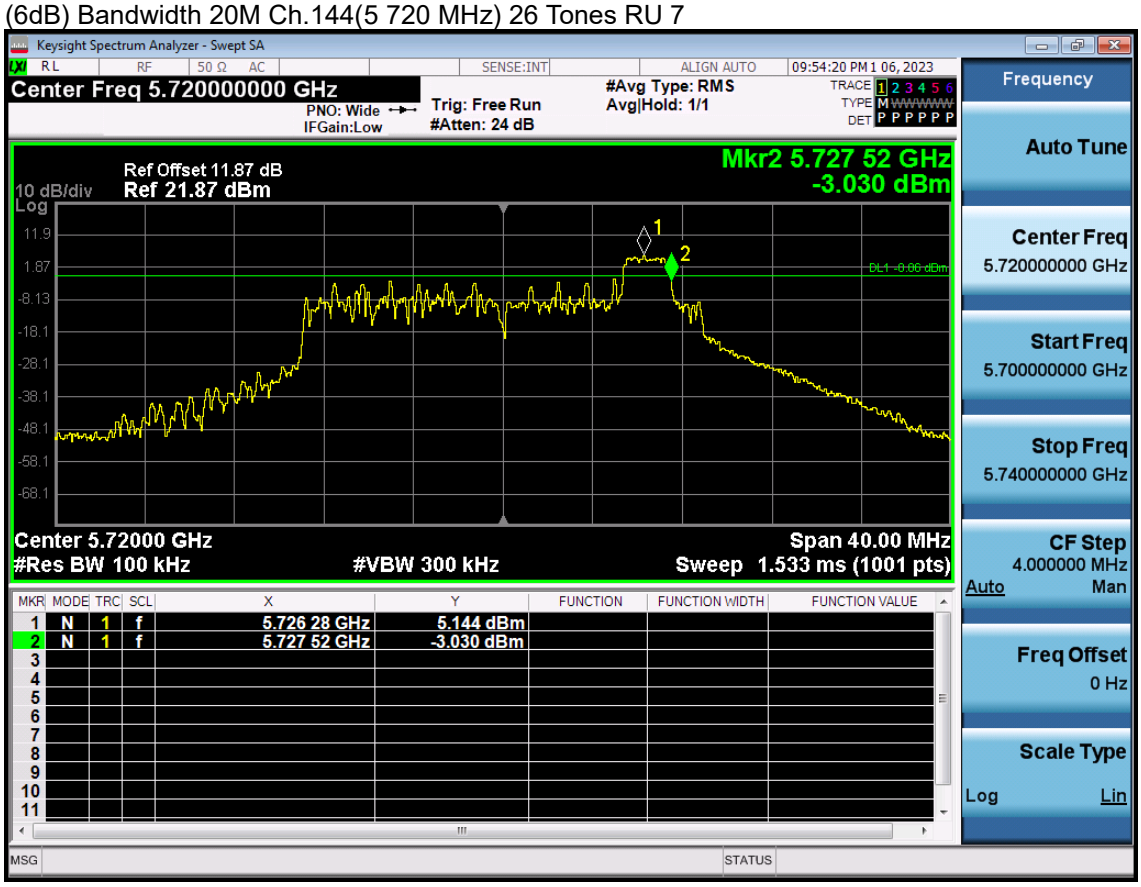
(6dB) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5 725	2.12

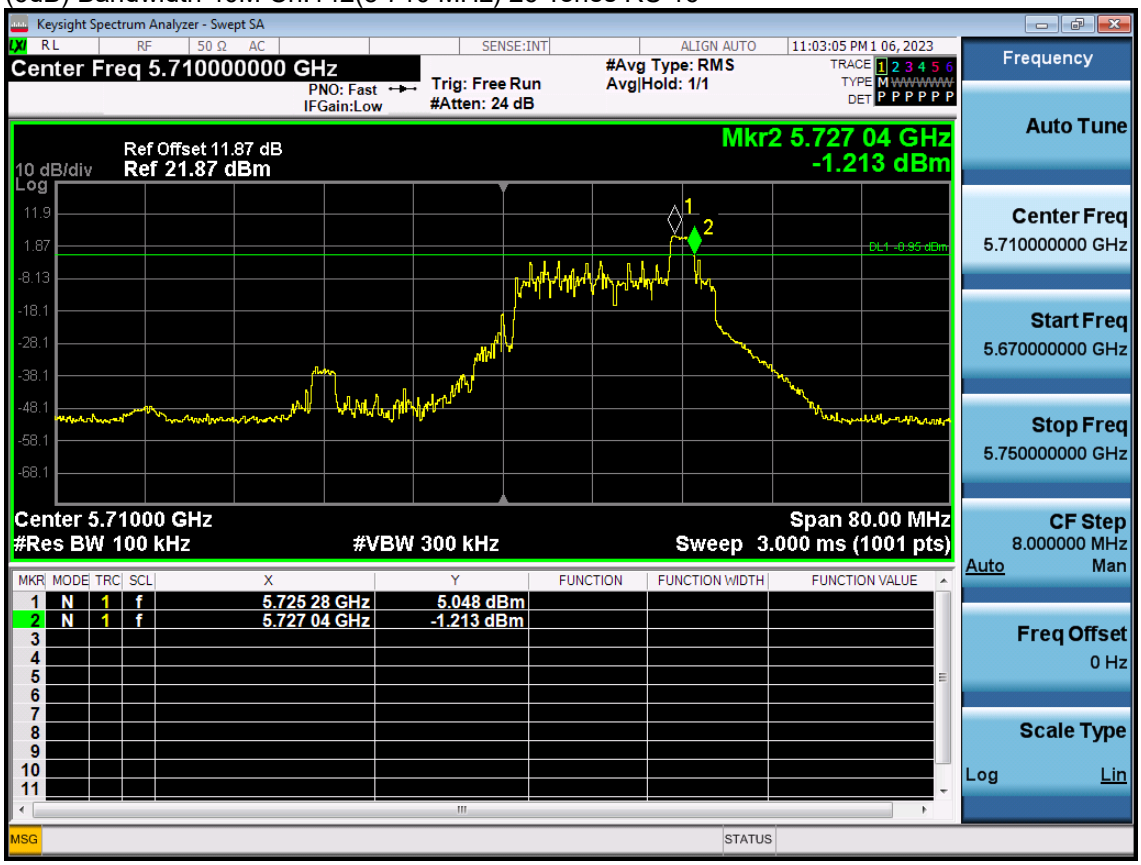
5.2.3 MIMO Ant. 2

(6dB) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 7



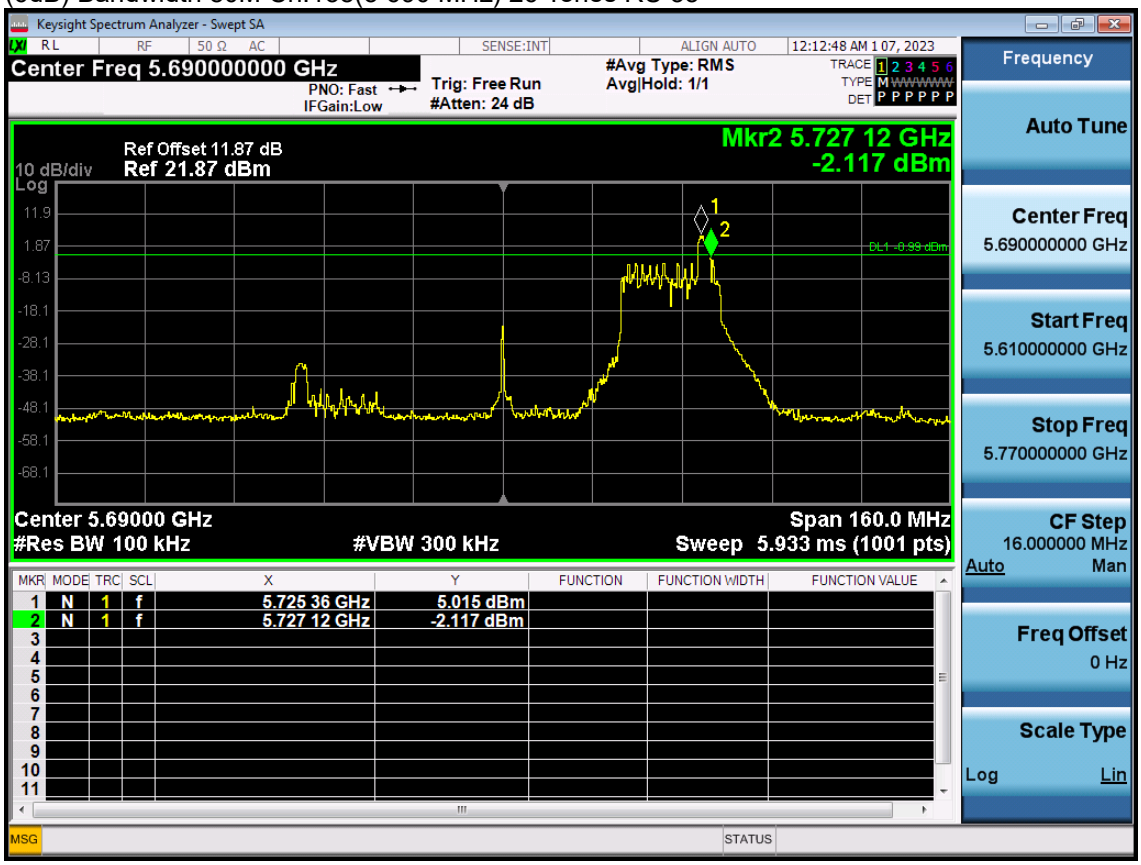
Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.52	5 725	2.52

(6dB) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 16



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.04	5 725	2.04

(6dB) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



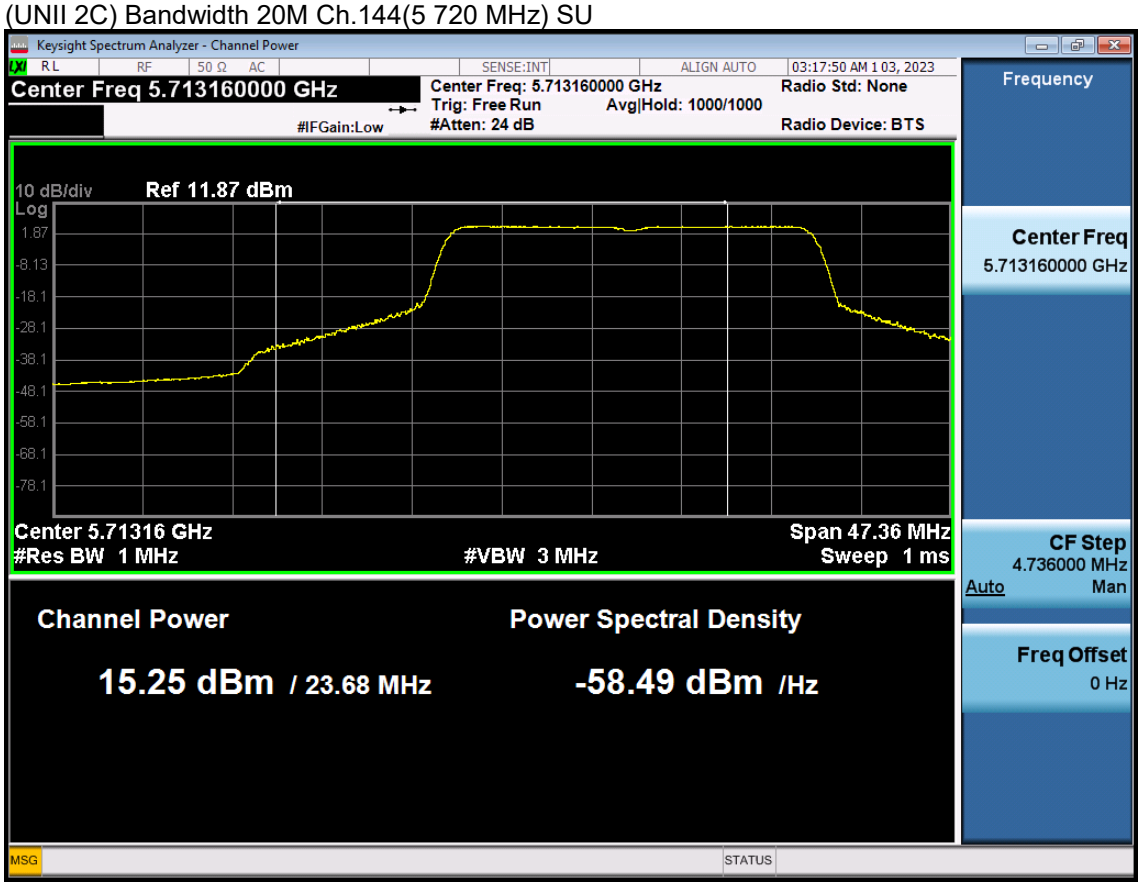
Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5727.12	5 725	2.12

5.3 Output Power

Note:
1. In order to simplify the report, attached plots were only channel of highest Power.
2. Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

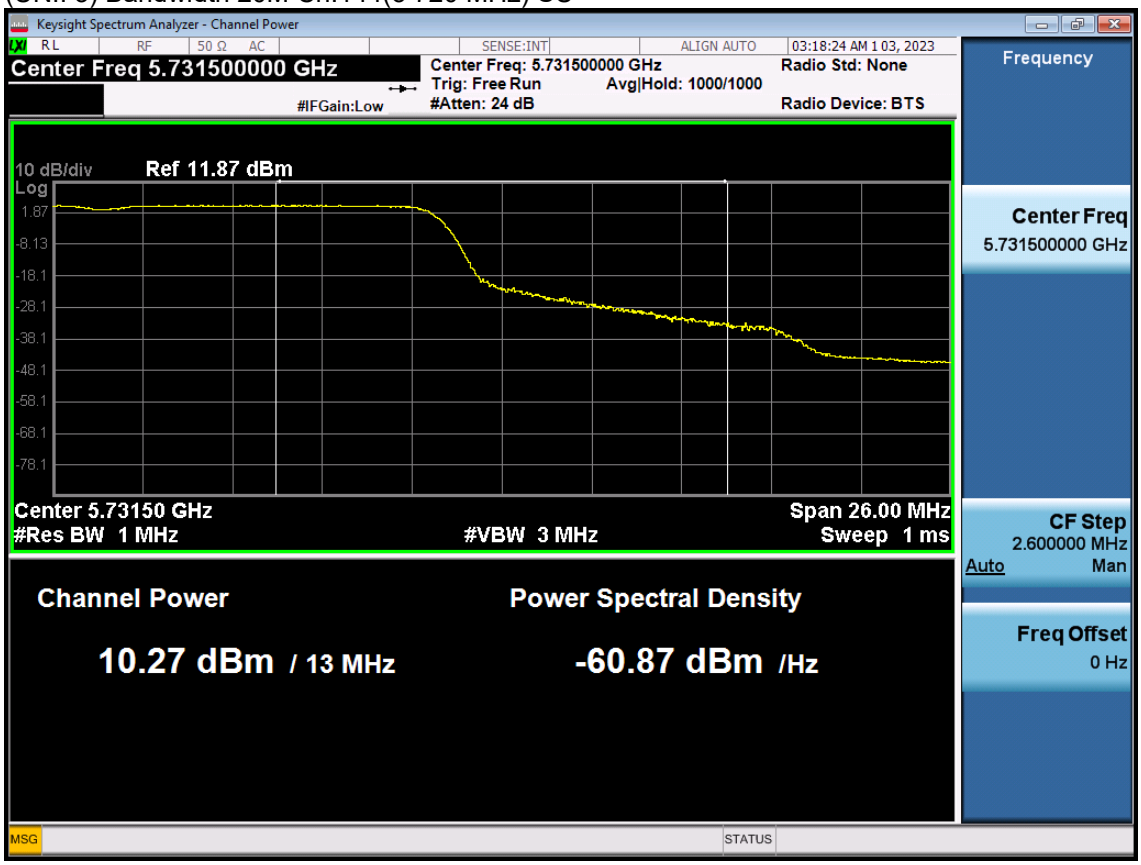
5.3.1 SISO(Ant. 2)

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) SU



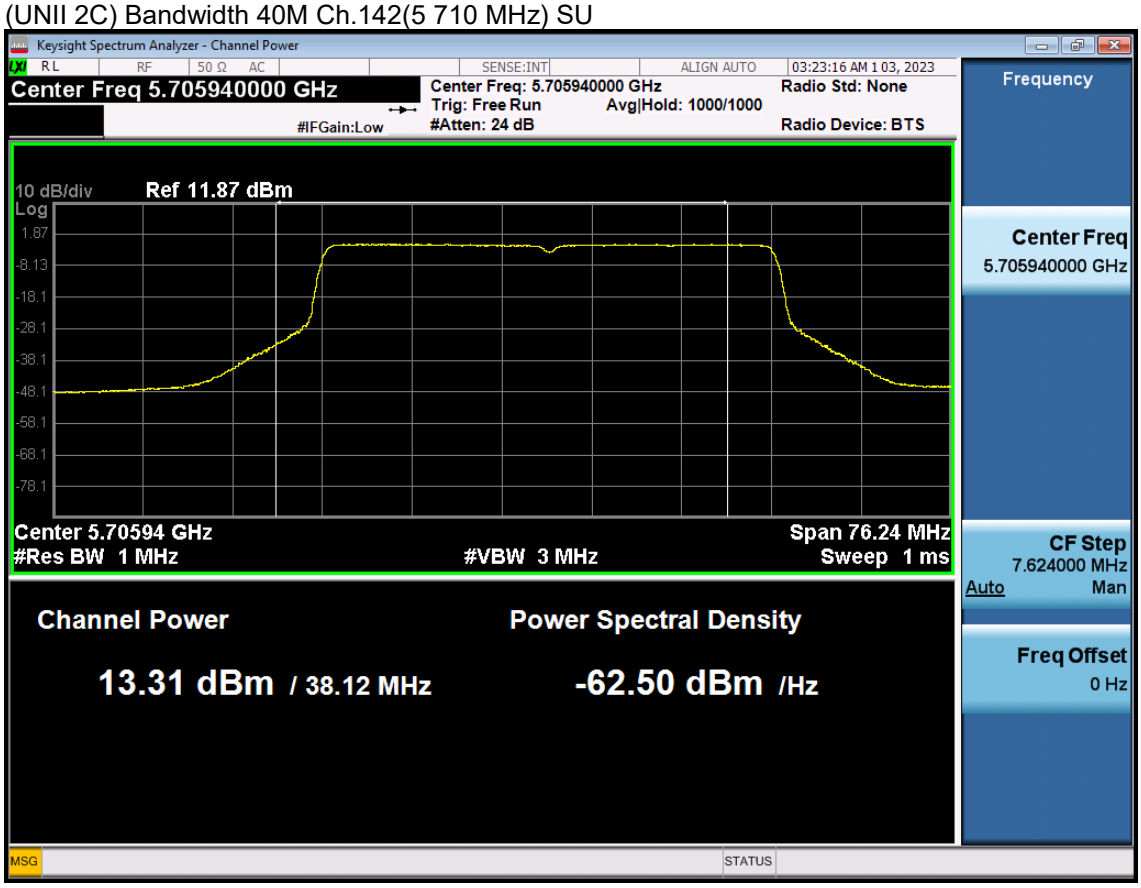
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
15.25	0.375	15.63

(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) SU



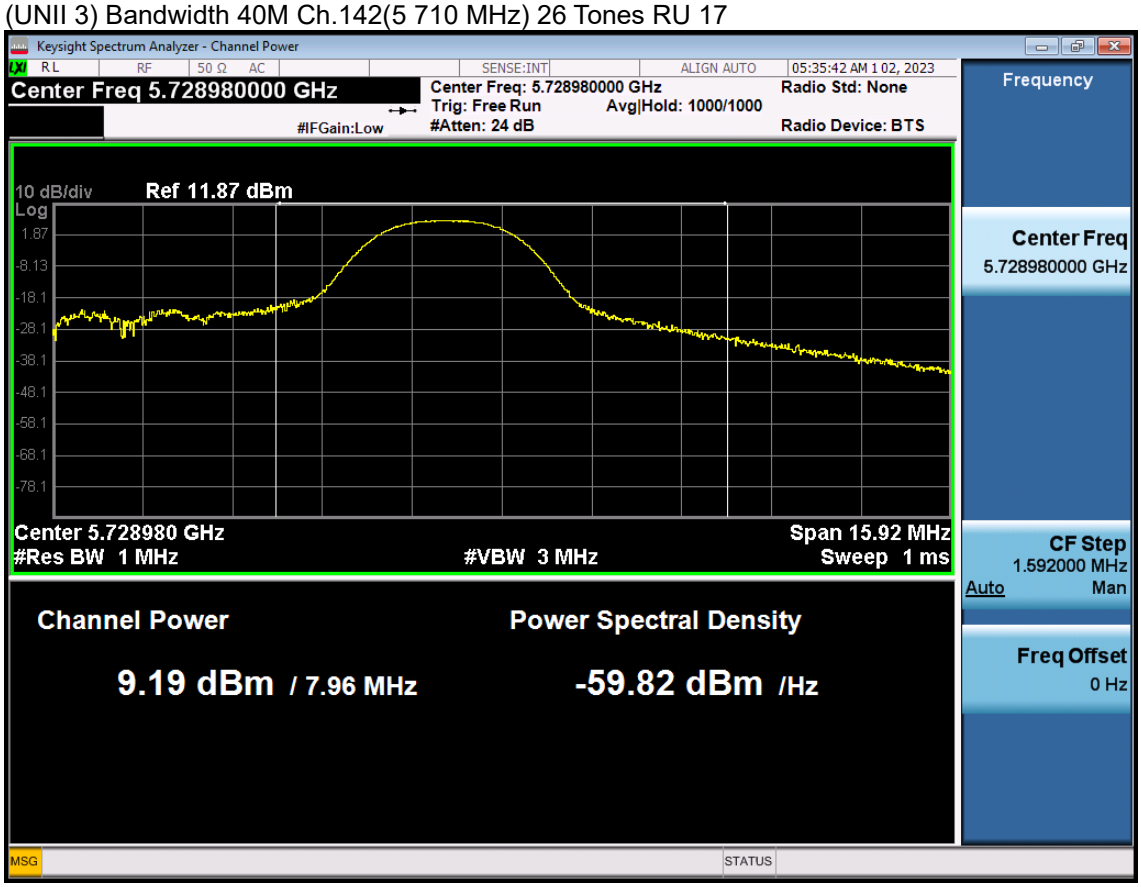
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
10.27	0.375	10.65

(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) SU



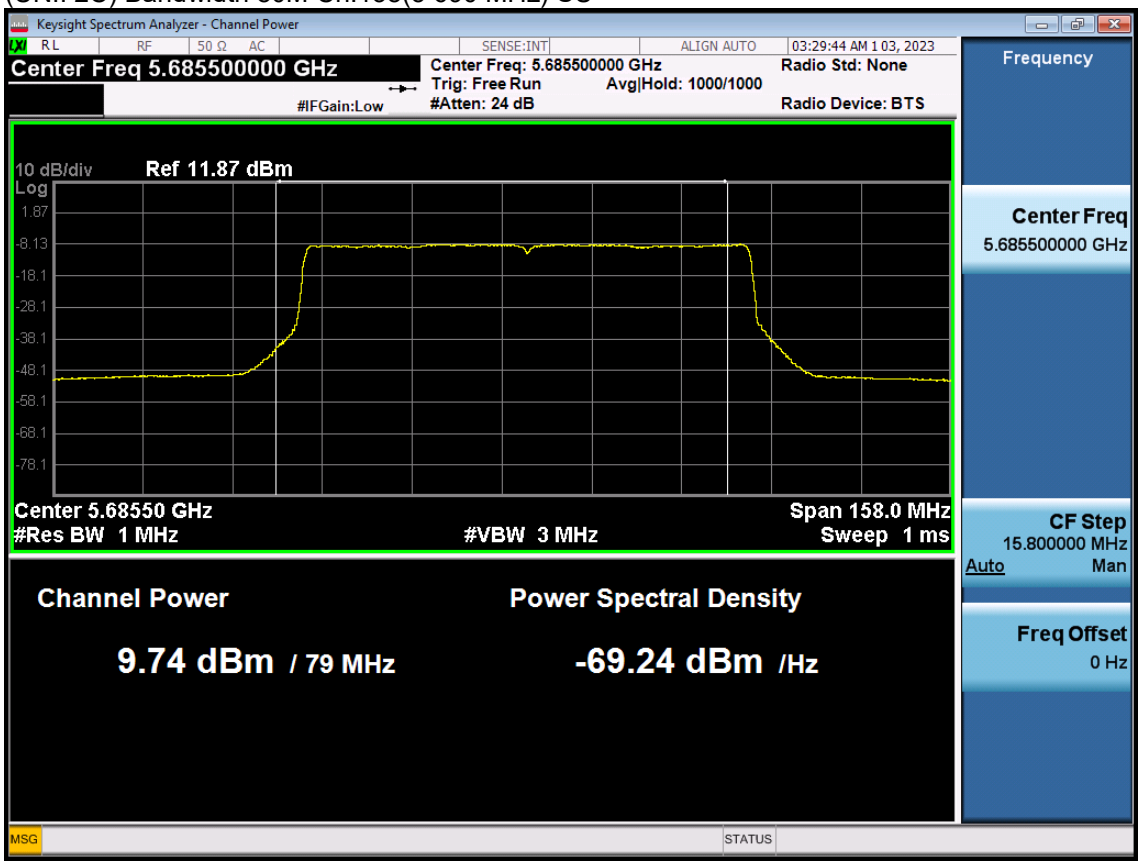
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
13.31	0.686	14.00

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 17



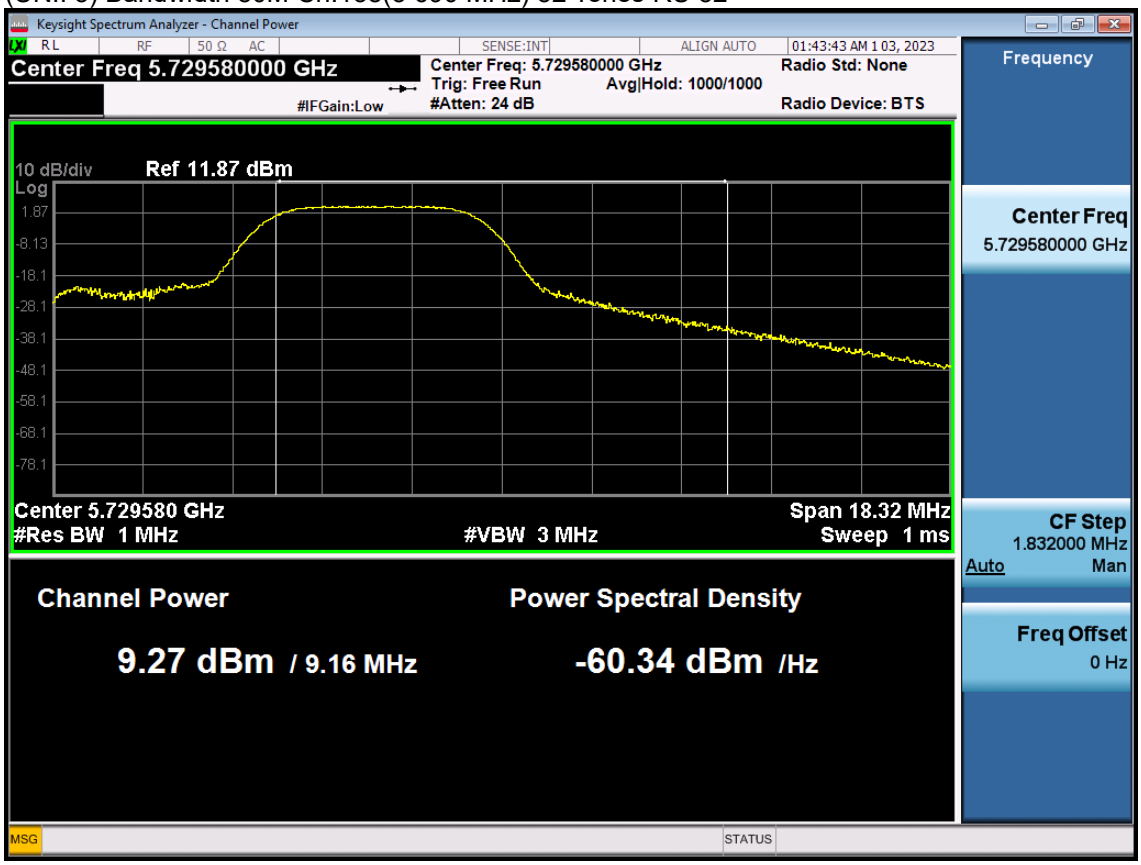
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.19	0.102	9.29

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) SU



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.74	1.330	11.07

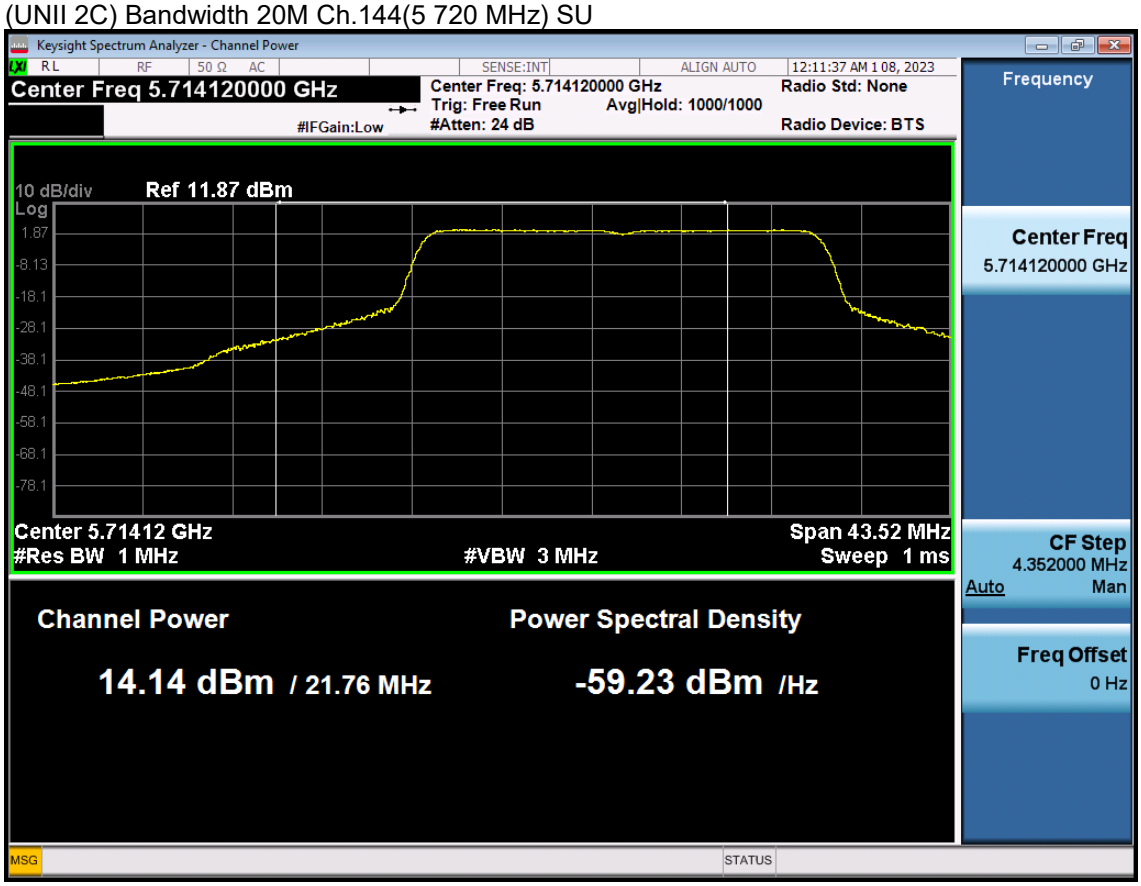
(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 52 Tones RU 52



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.27	0.092	9.36

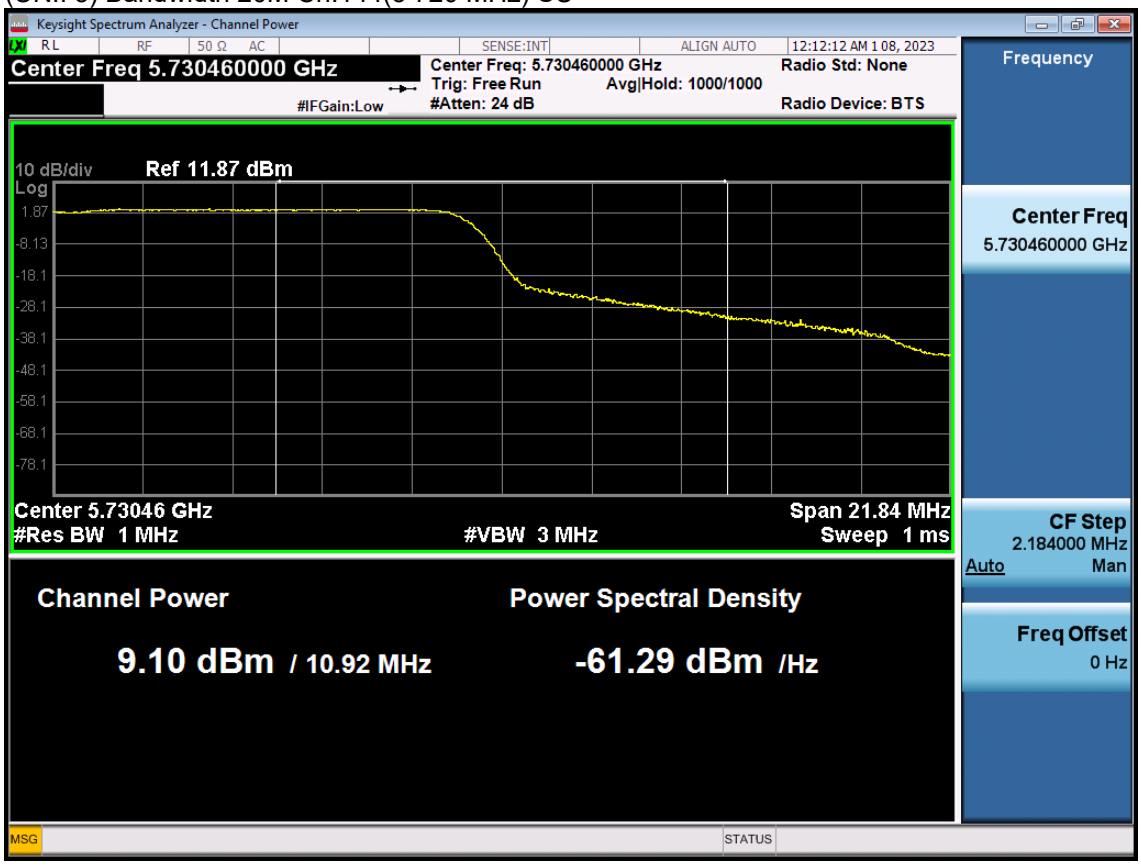
5.3.2 MIMO Ant. 1

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) SU



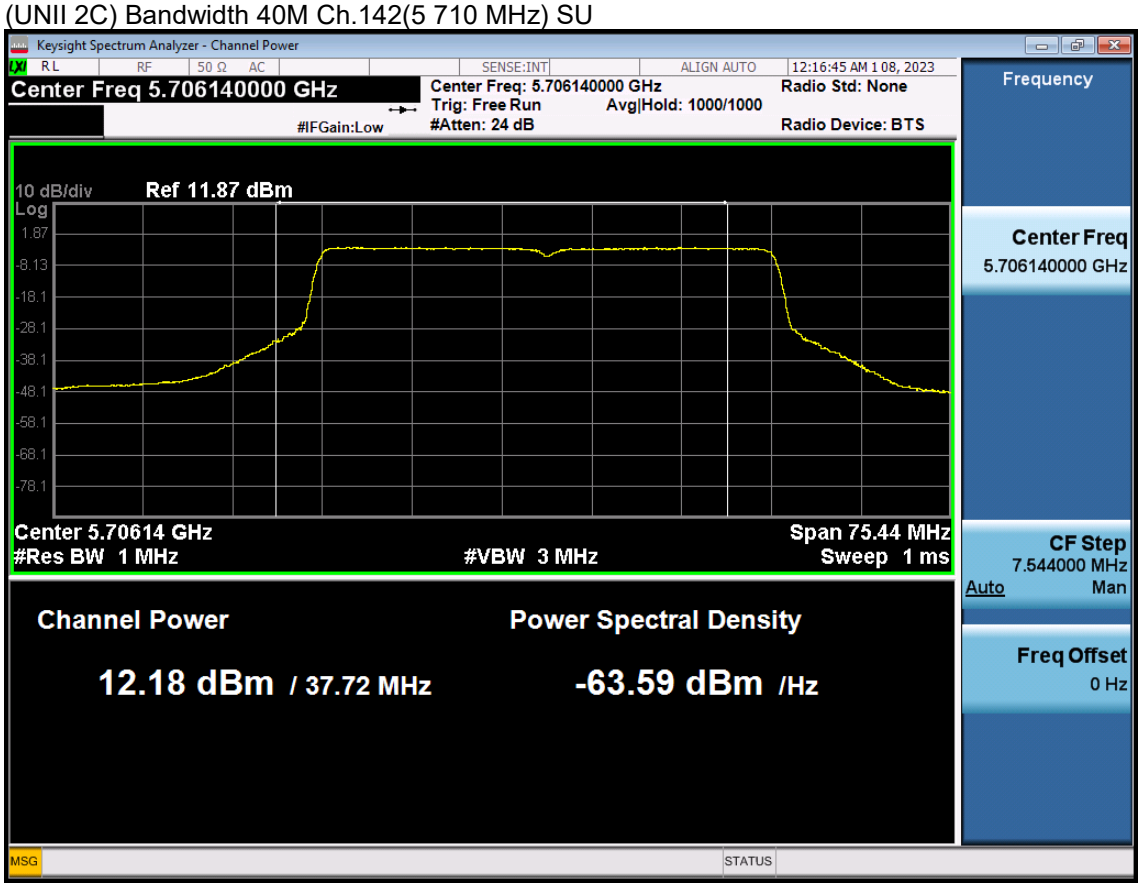
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
14.14	0.804	14.94

(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) SU



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.10	0.804	9.90

(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) SU

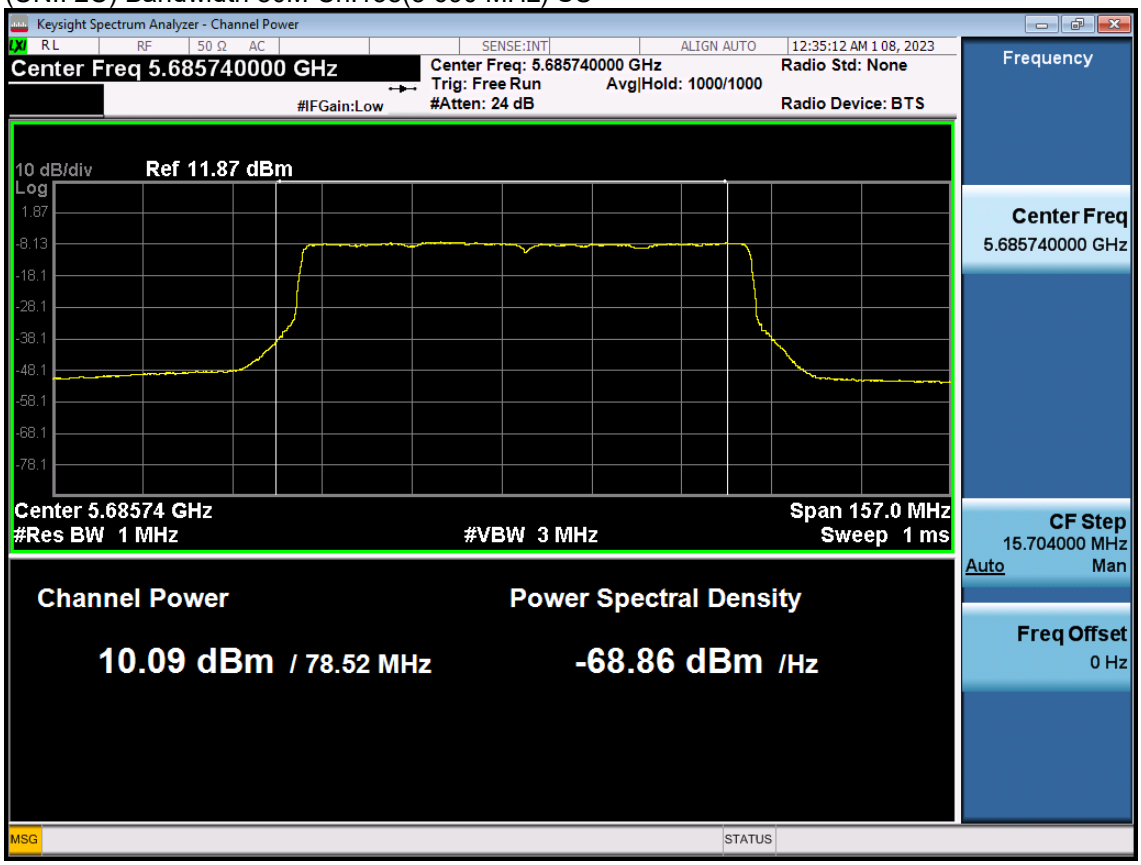


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
12.18	1.358	13.54

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 52 Tones RU 44

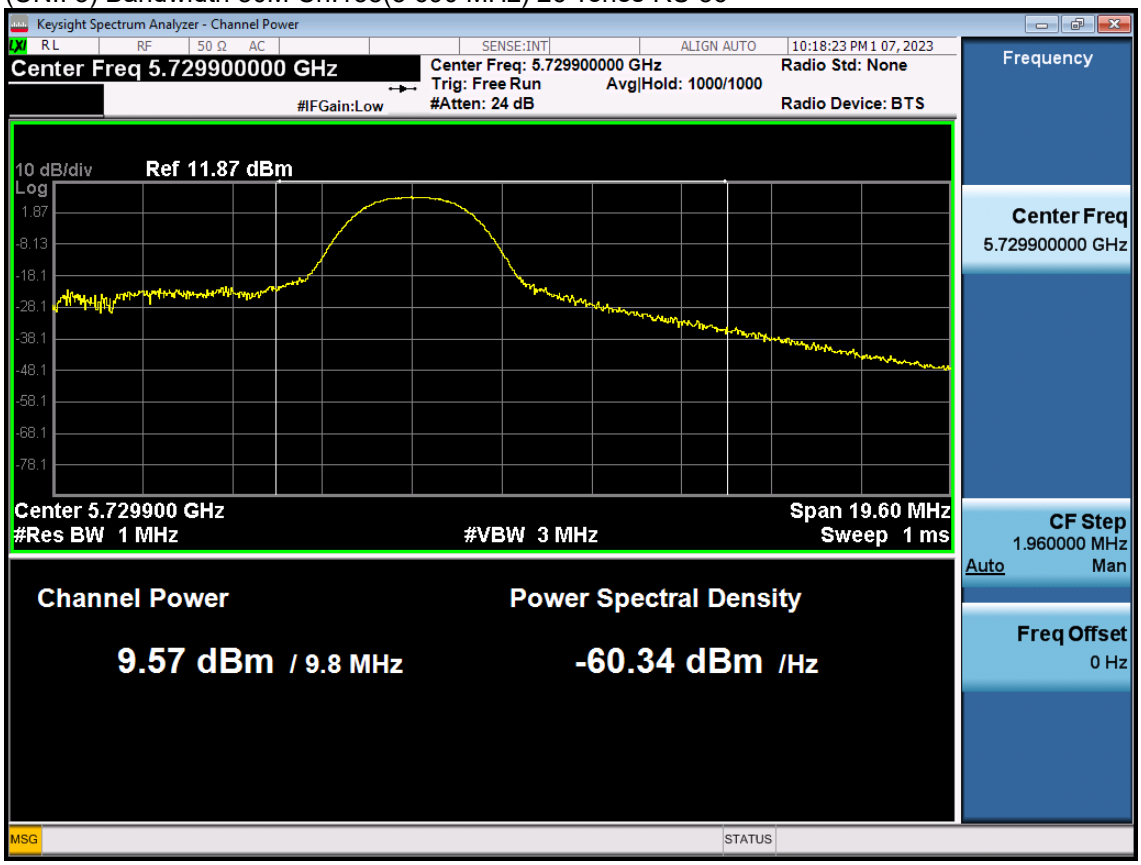
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.32	0.190	8.51

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) SU



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
10.09	2.145	12.24

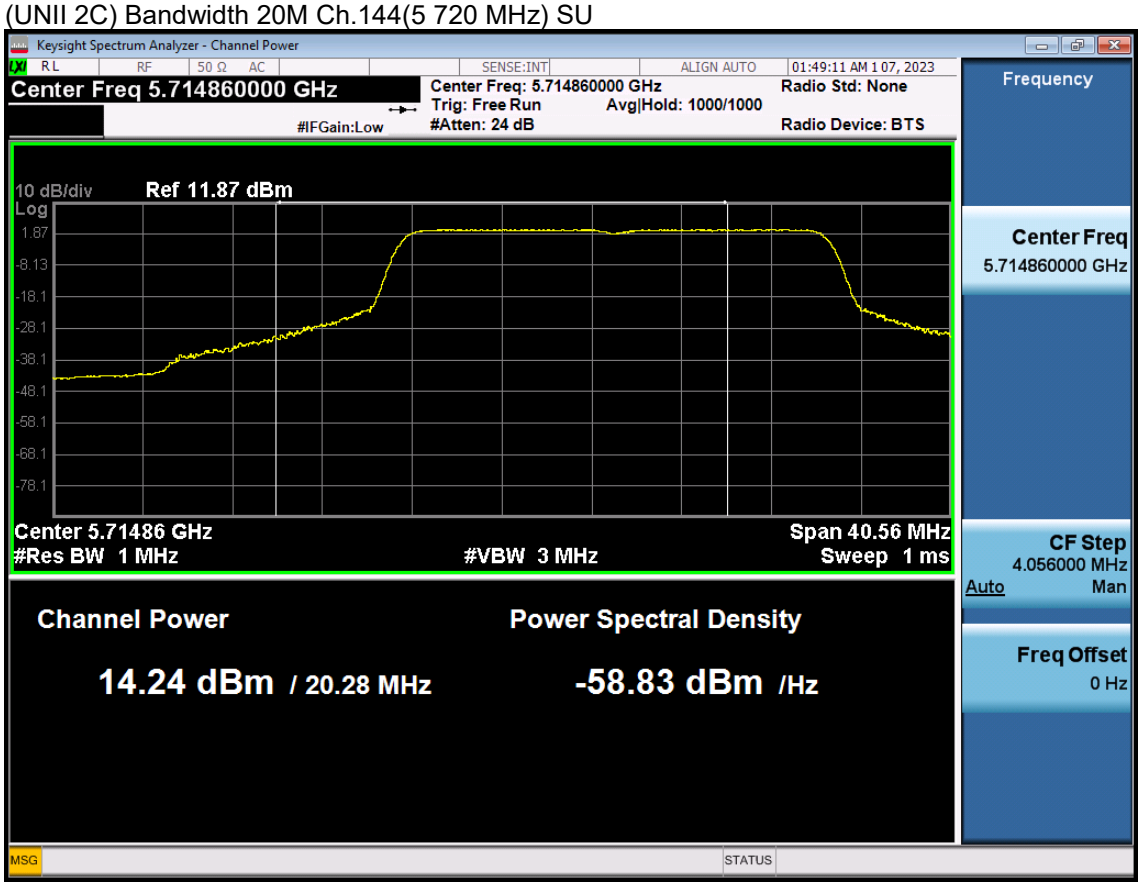
(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 36



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.57	0.108	9.68

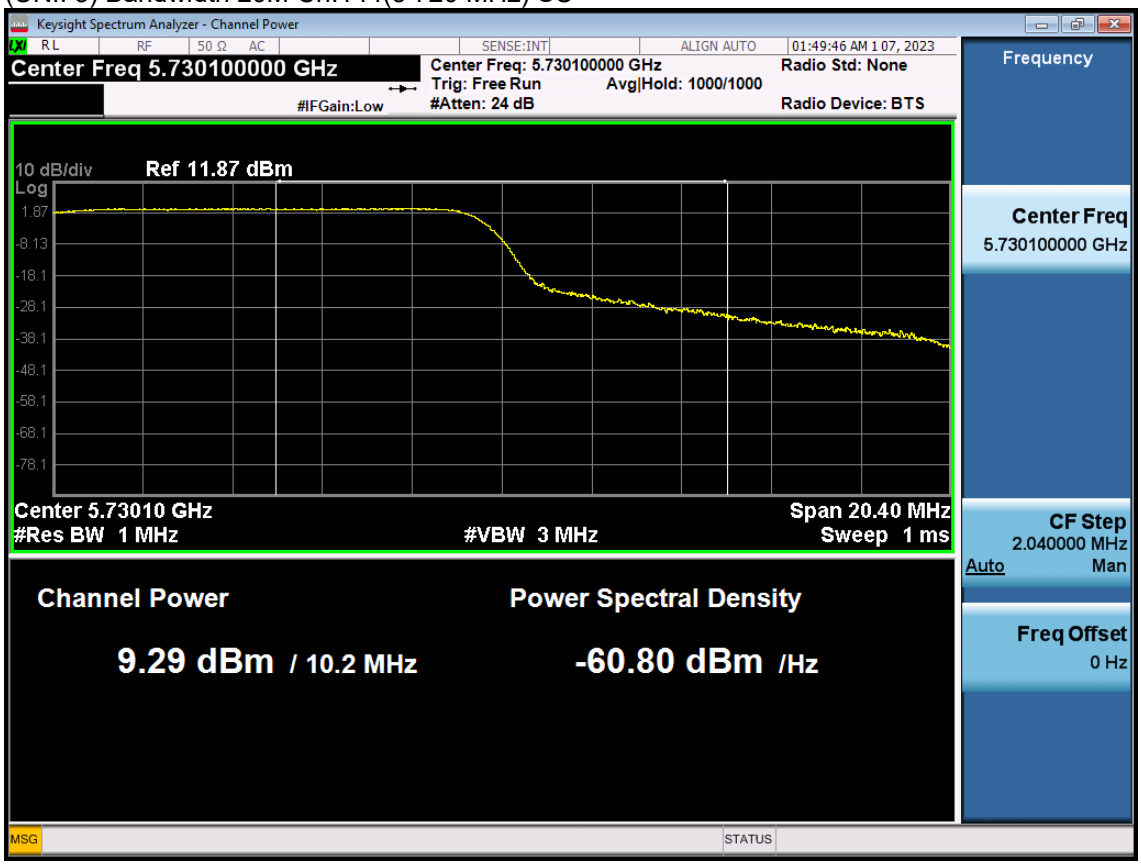
5.3.3 MIMO Ant. 2

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) SU



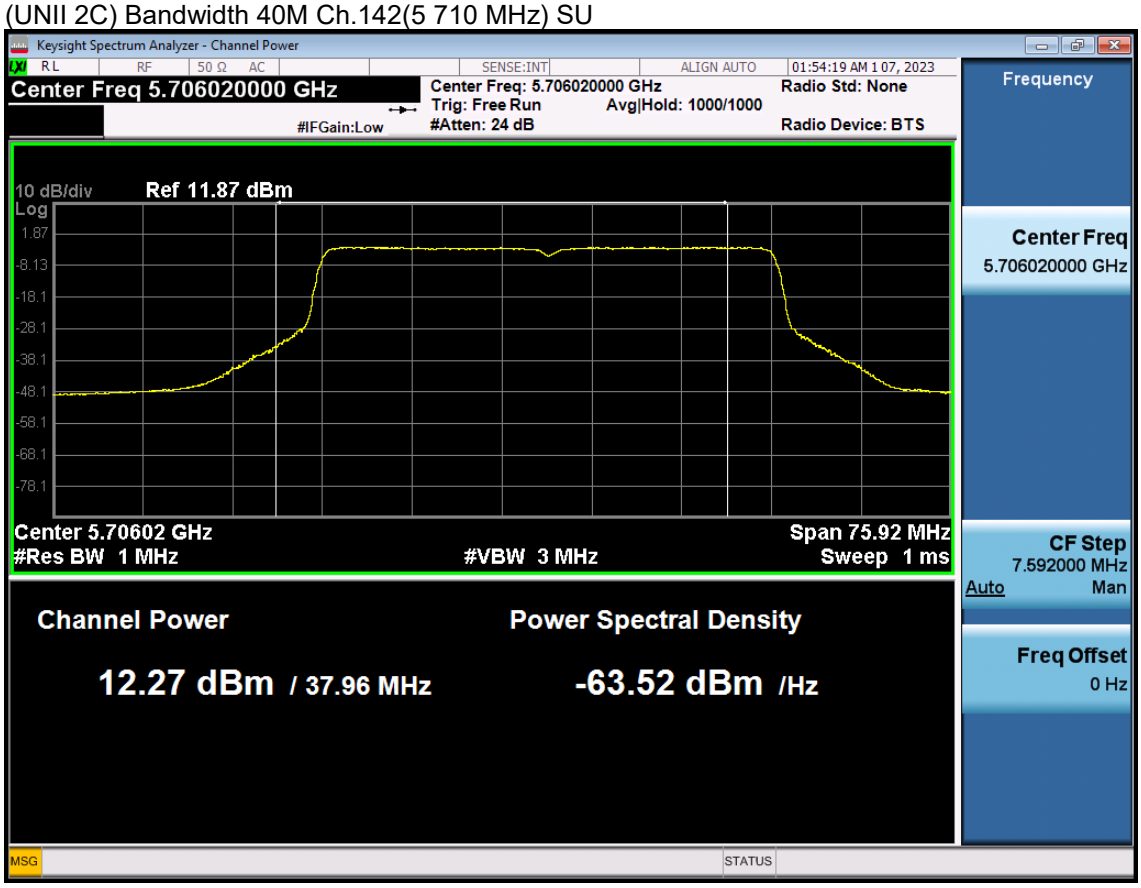
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
14.24	0.804	15.04

(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) SU



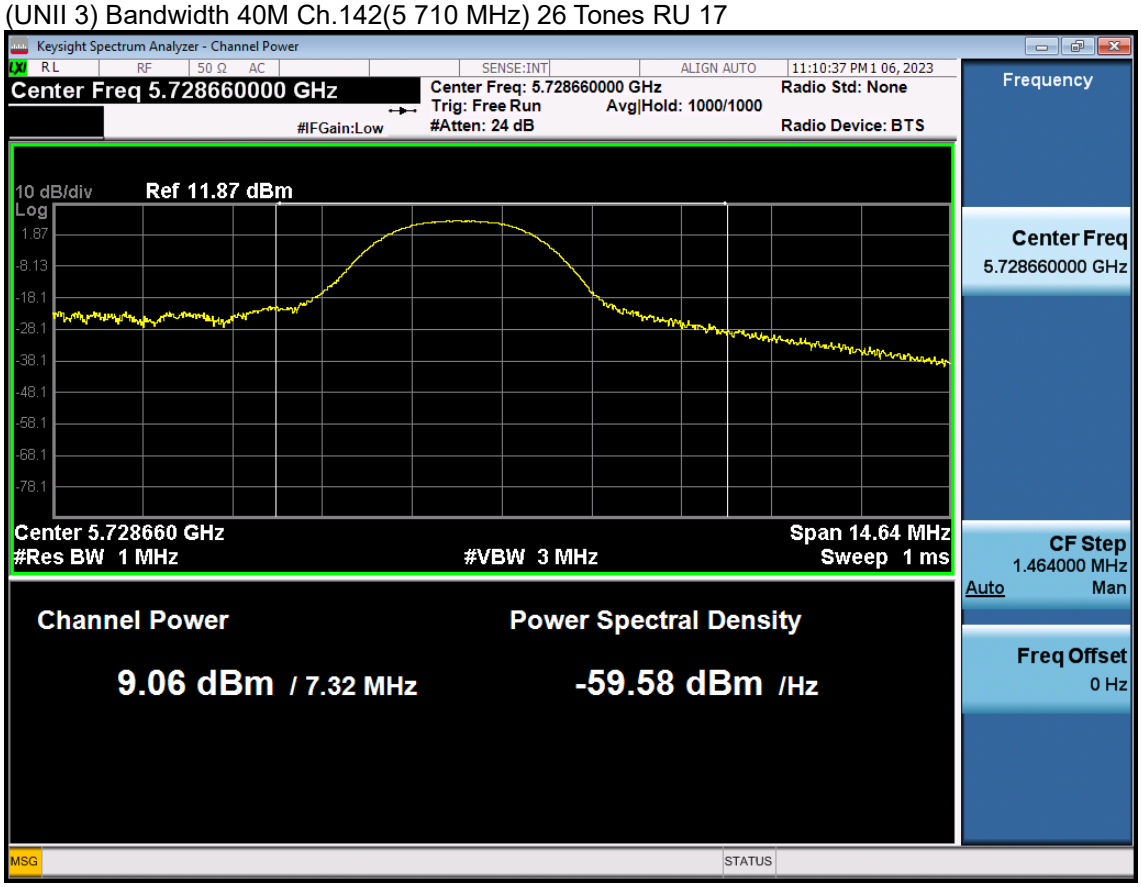
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.29	0.804	10.09

(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) SU



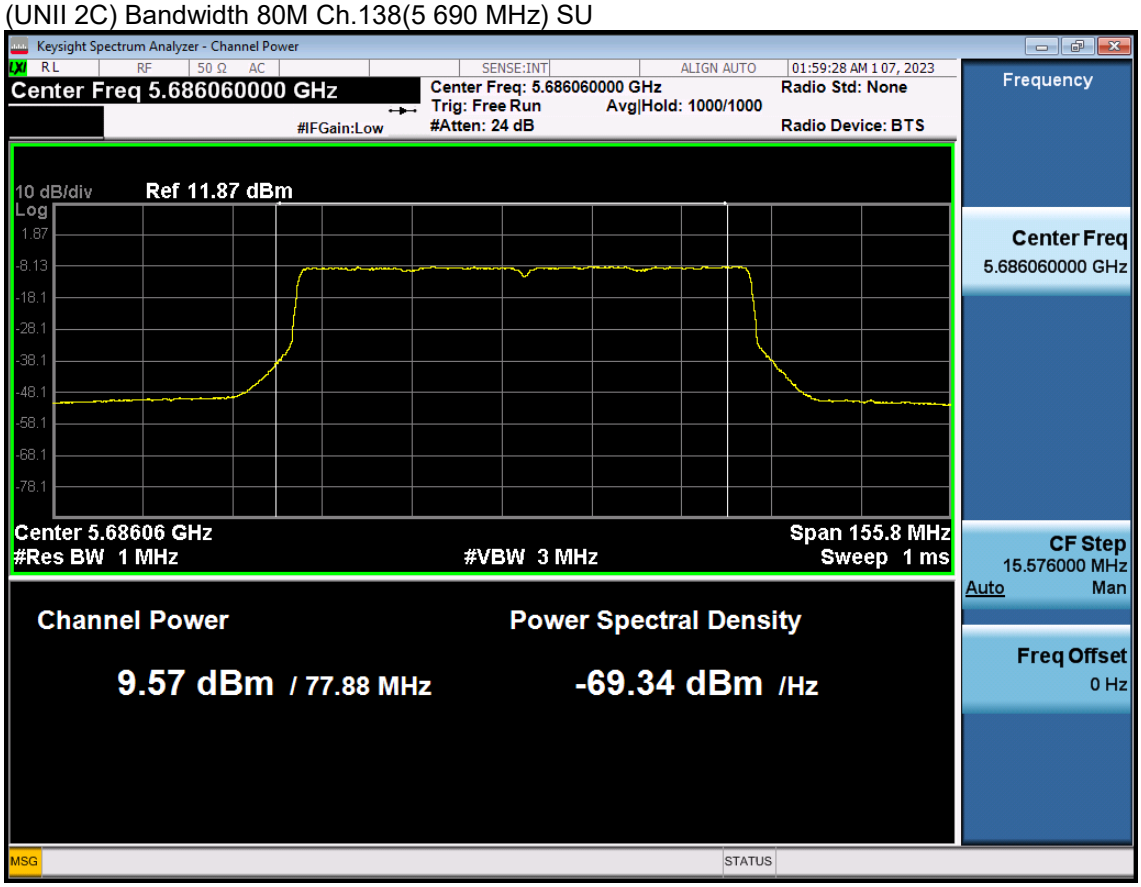
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
12.27	1.358	13.63

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 17



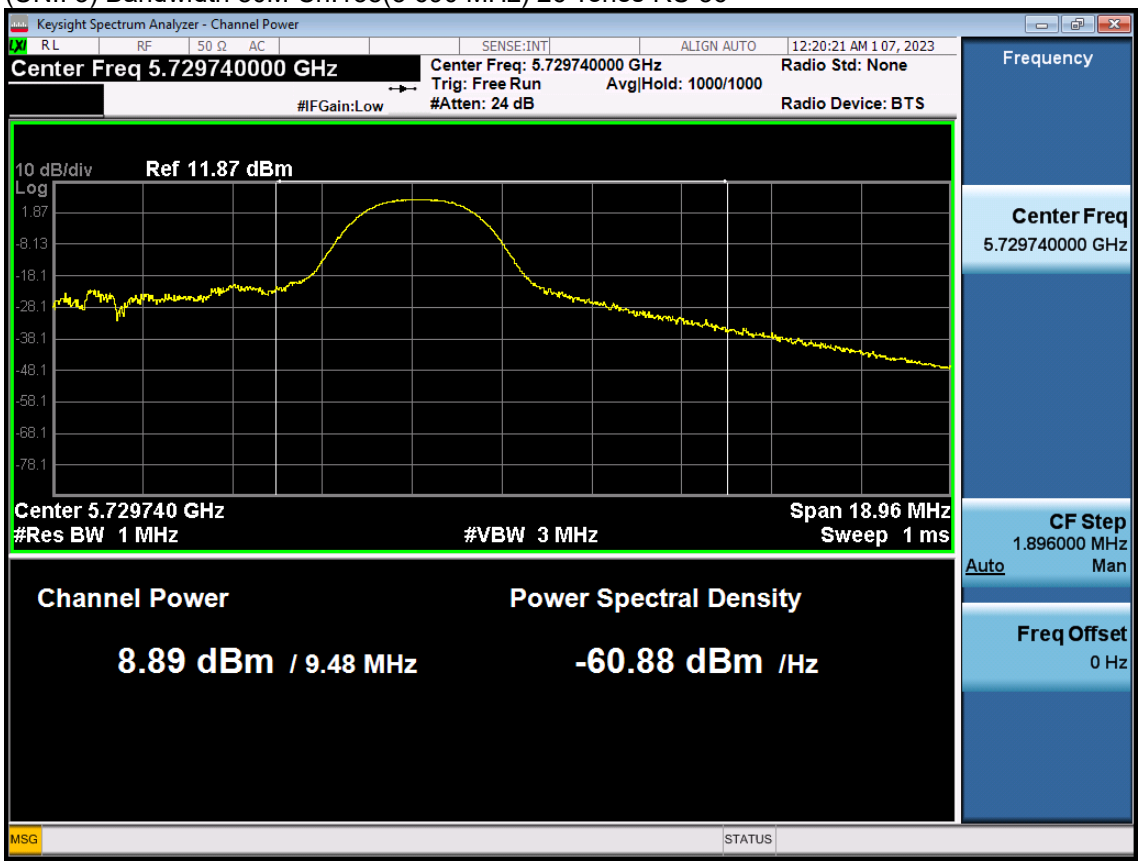
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.06	0.108	9.17

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) SU



Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.57	2.145	11.72

(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 36



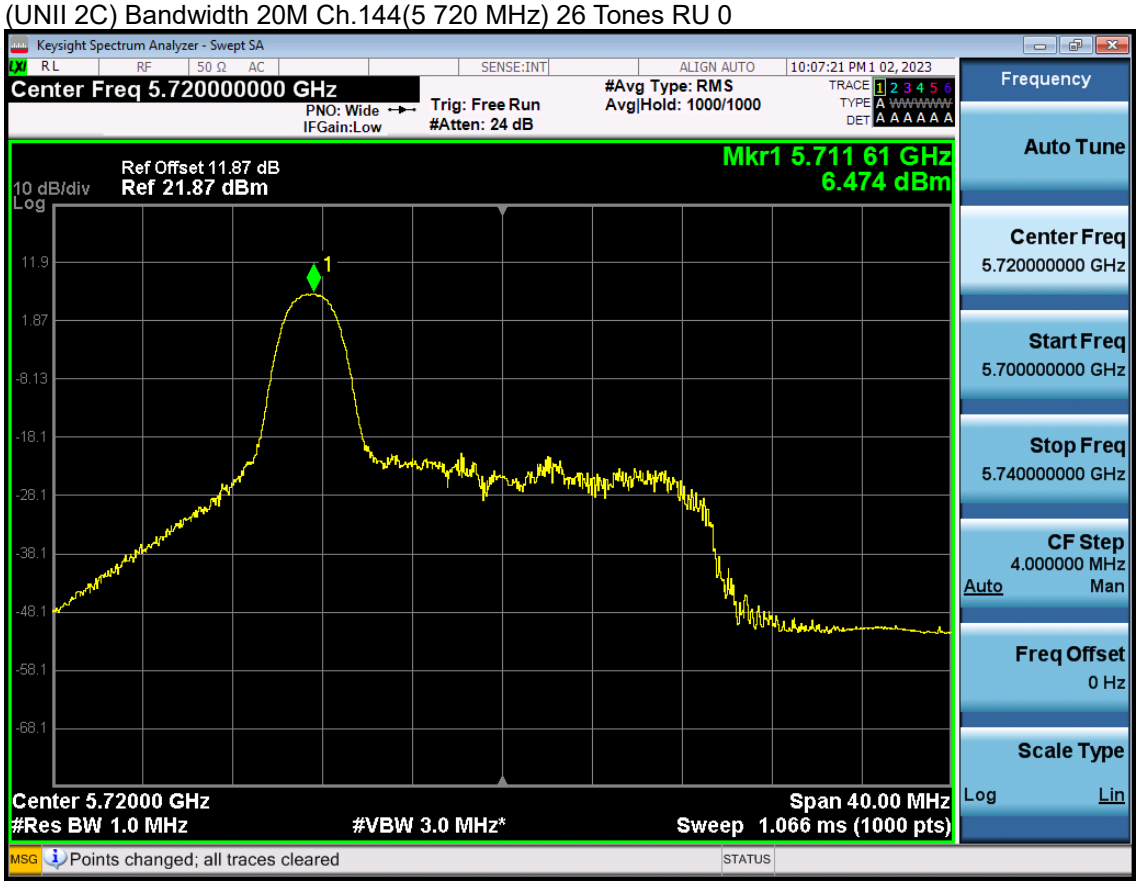
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.89	0.108	9.00

5.4 Power Spectral Density

Note:
1. In order to simplify the report, attached plots were only channel of highest PSD.
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

5.4.1 SISO(Ant. 2)

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 0



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.474	0.102	6.576

(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 8

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.870	0.102	3.972

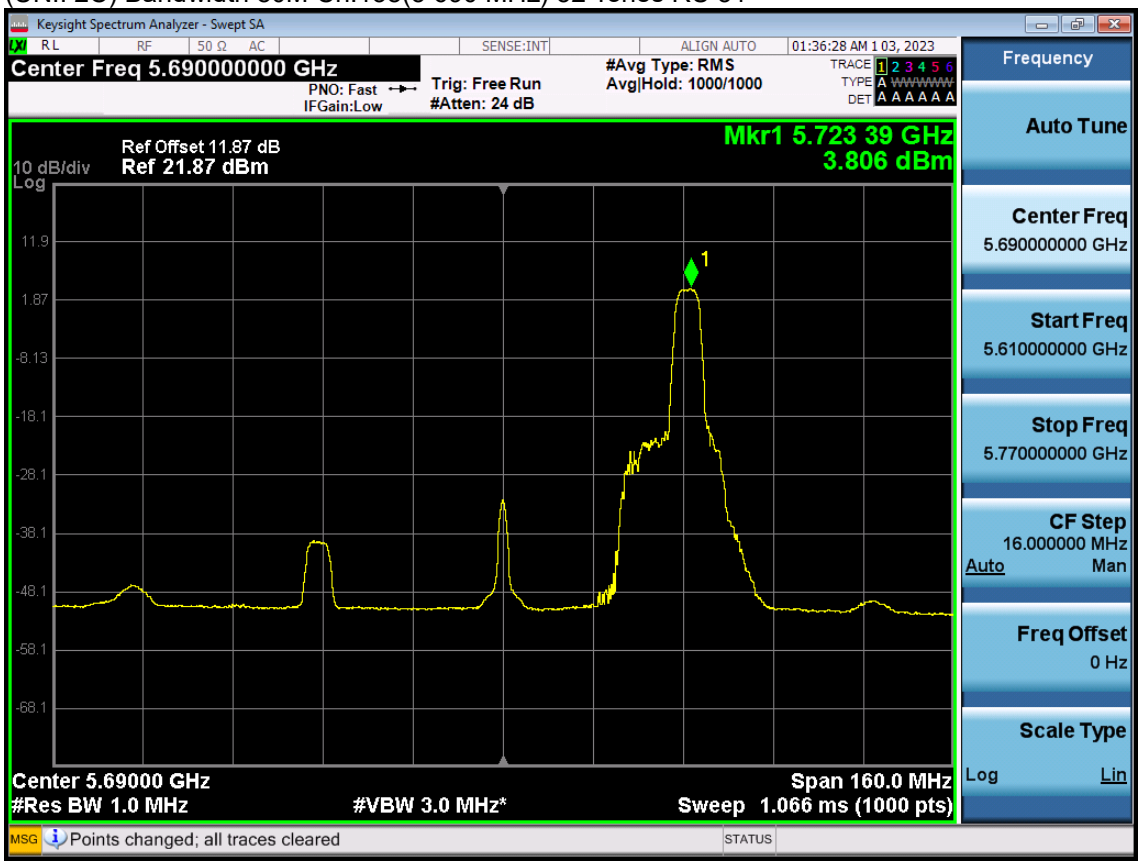
(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 9

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.674	0.102	6.776

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 16

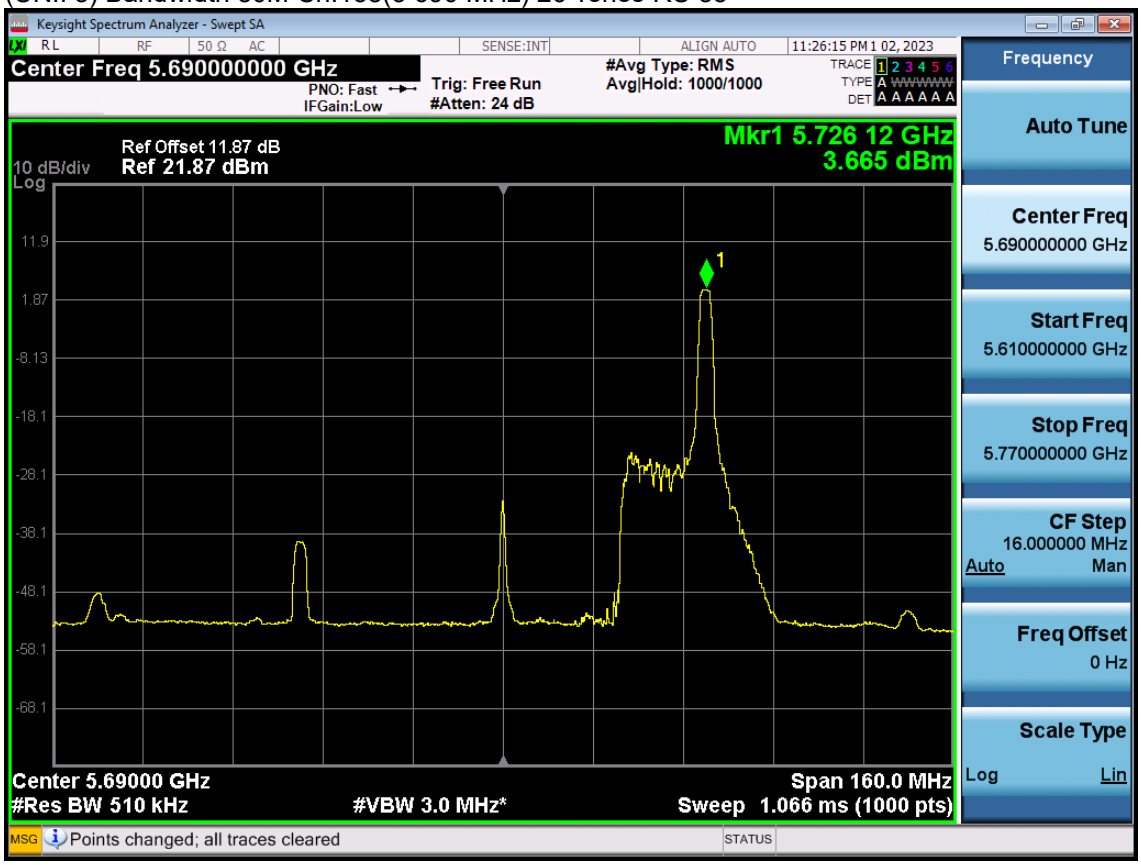
Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.601	0.102	3.703

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) 52 Tones RU 51



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.806	0.092	3.898

(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.665	0.110	3.775

5.4.2 MIMO Ant. 1

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 0

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.686	0.108	6.794

(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 8

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.647	0.108	3.755

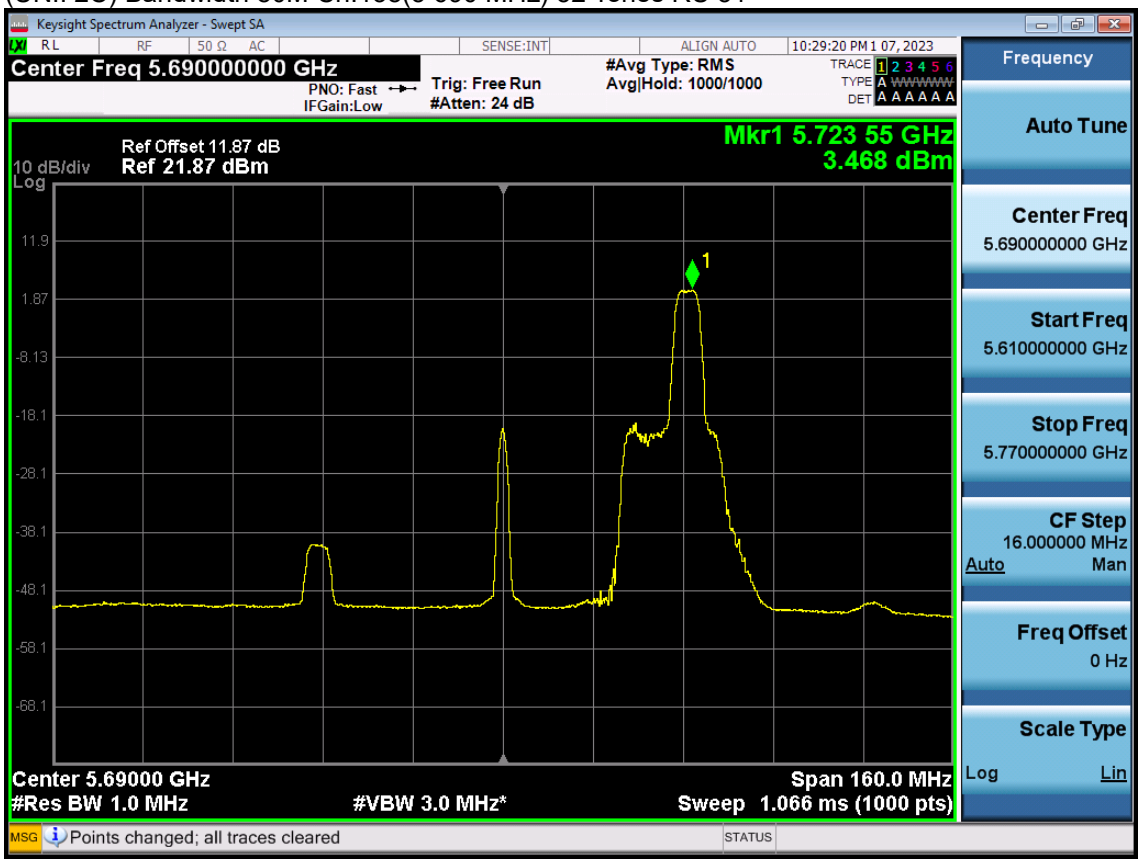
(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 9

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
5.553	0.108	5.661

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 17

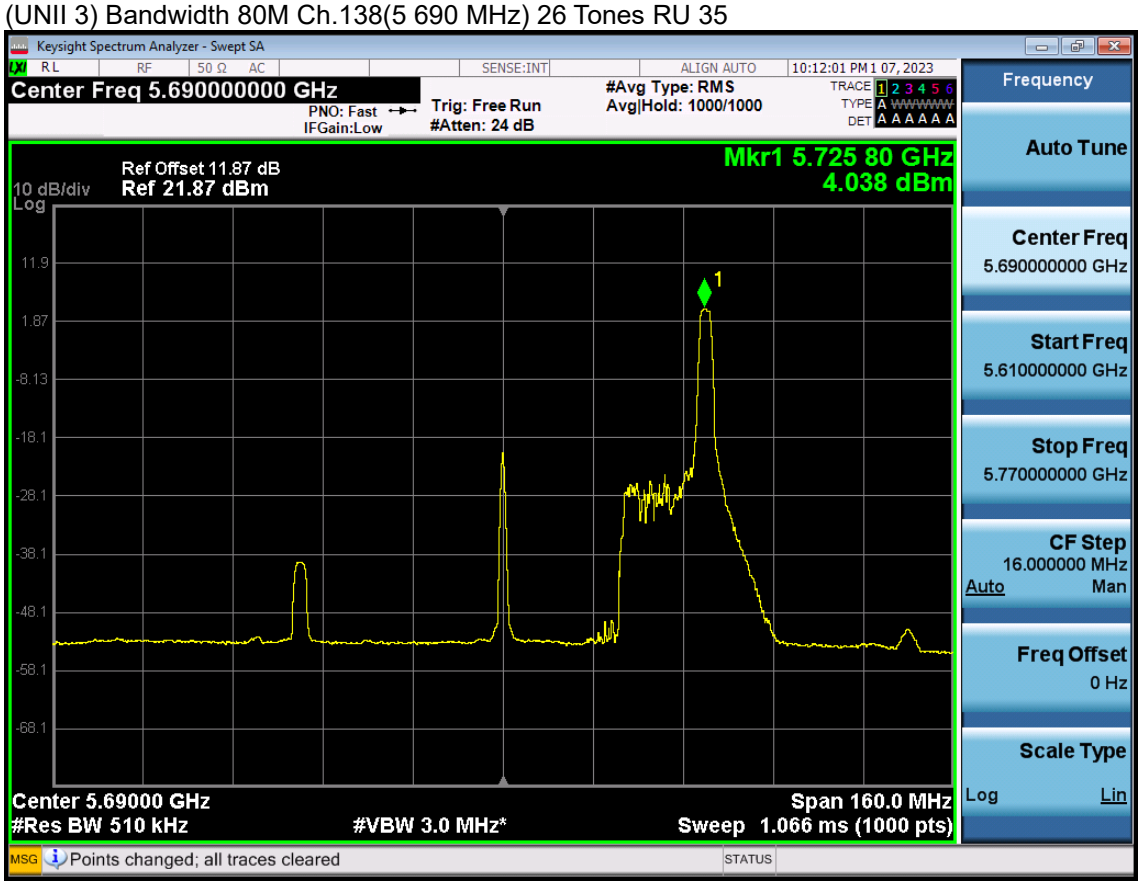
Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
2.912	0.108	3.020

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) 52 Tones RU 51



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.468	0.206	3.674

(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.038	0.108	4.146

5.4.3 MIMO Ant. 2

(UNII 2C) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 0

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.596	0.108	6.704

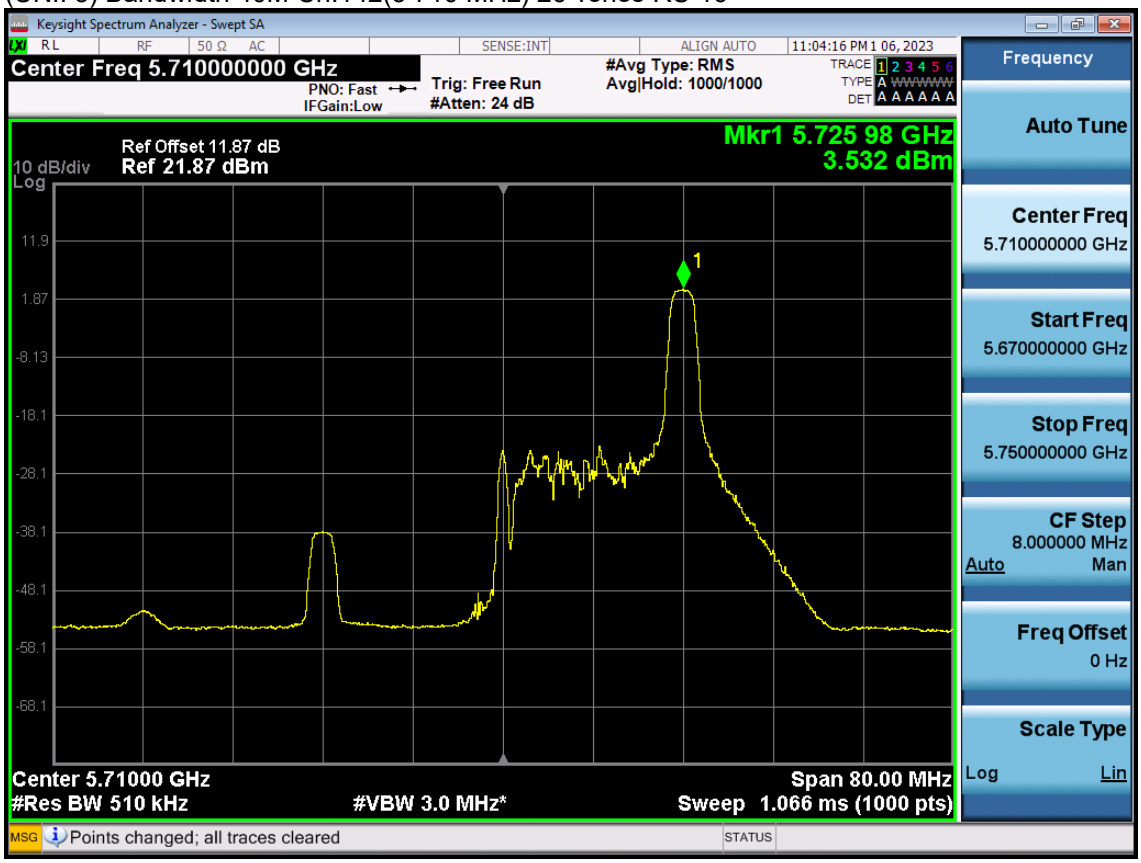
(UNII 3) Bandwidth 20M Ch.144(5 720 MHz) 26 Tones RU 8

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.715	0.108	3.823

(UNII 2C) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 9

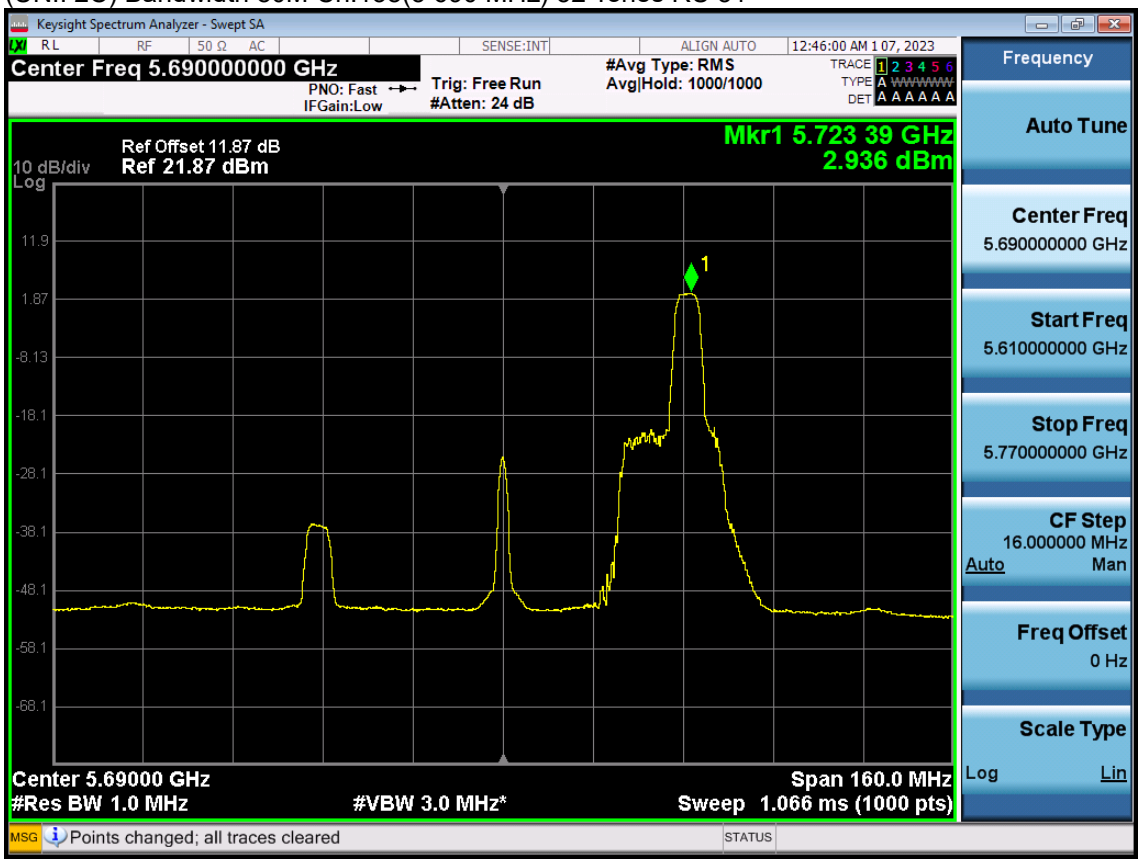
Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
6.059	0.108	6.167

(UNII 3) Bandwidth 40M Ch.142(5 710 MHz) 26 Tones RU 16



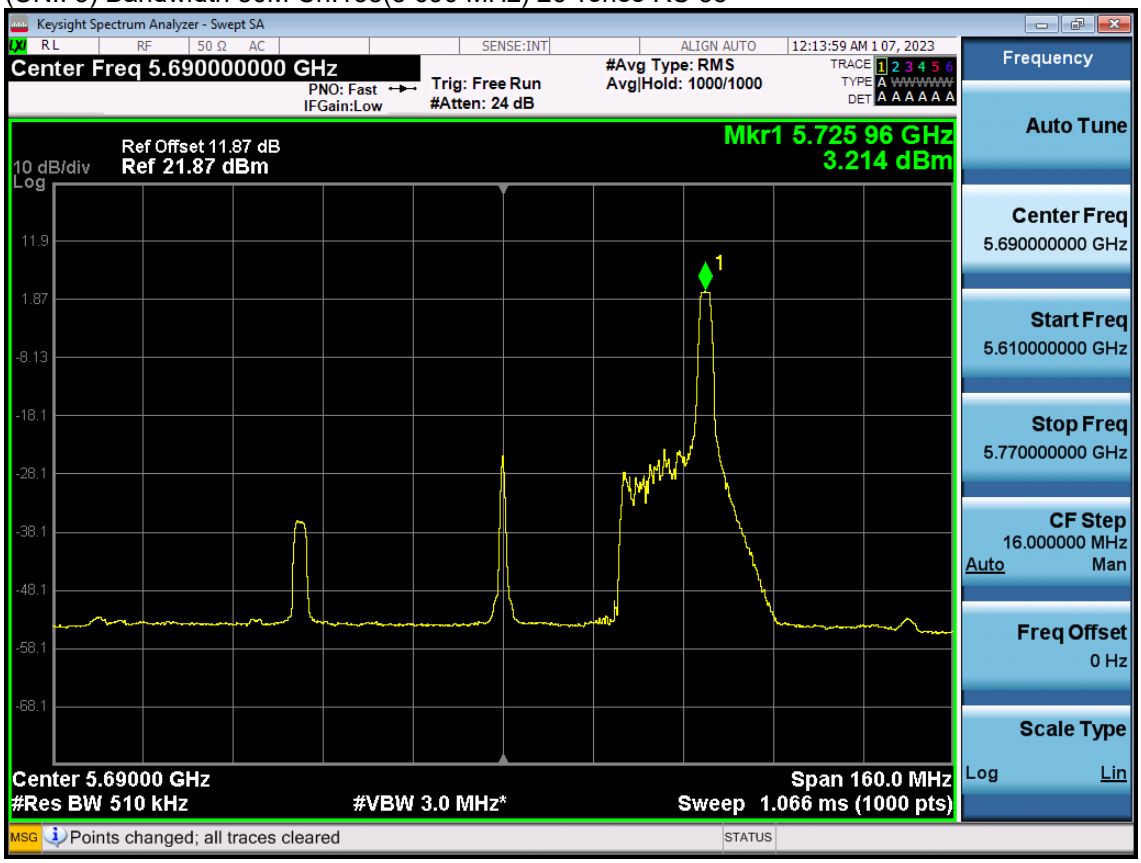
Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.532	0.108	3.640

(UNII 2C) Bandwidth 80M Ch.138(5 690 MHz) 52 Tones RU 51



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
2.936	0.206	3.142

(UNII 3) Bandwidth 80M Ch.138(5 690 MHz) 26 Tones RU 35



Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.214	0.108	3.322