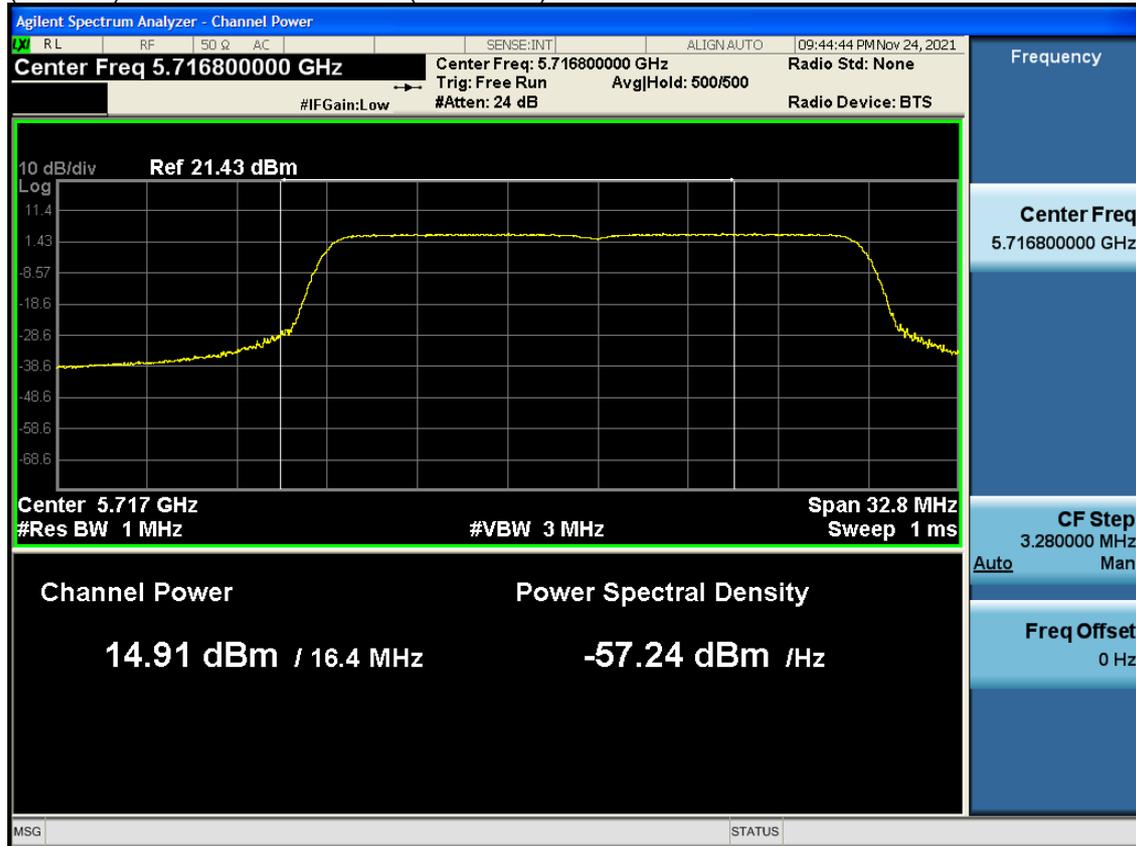## 5.3 Output Power

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

5.3.1 MIMO Ant1

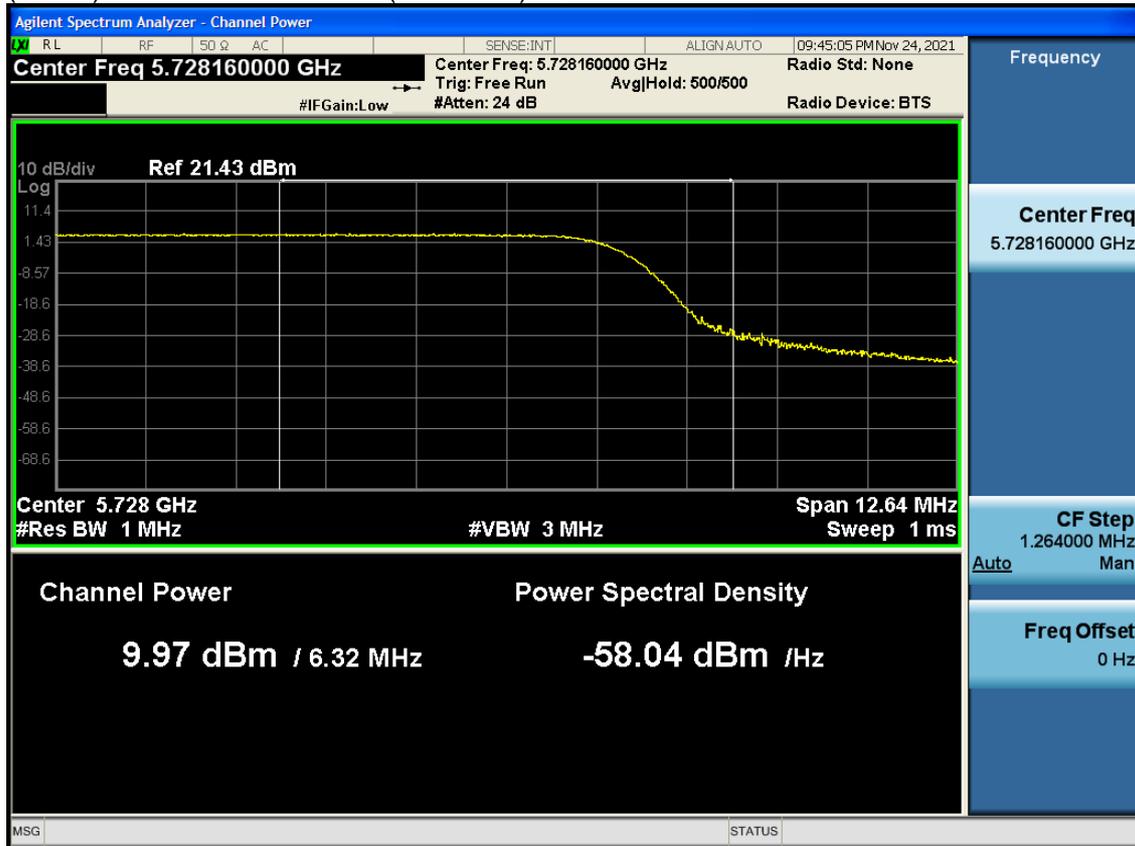(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
14.91	0.028	14.94

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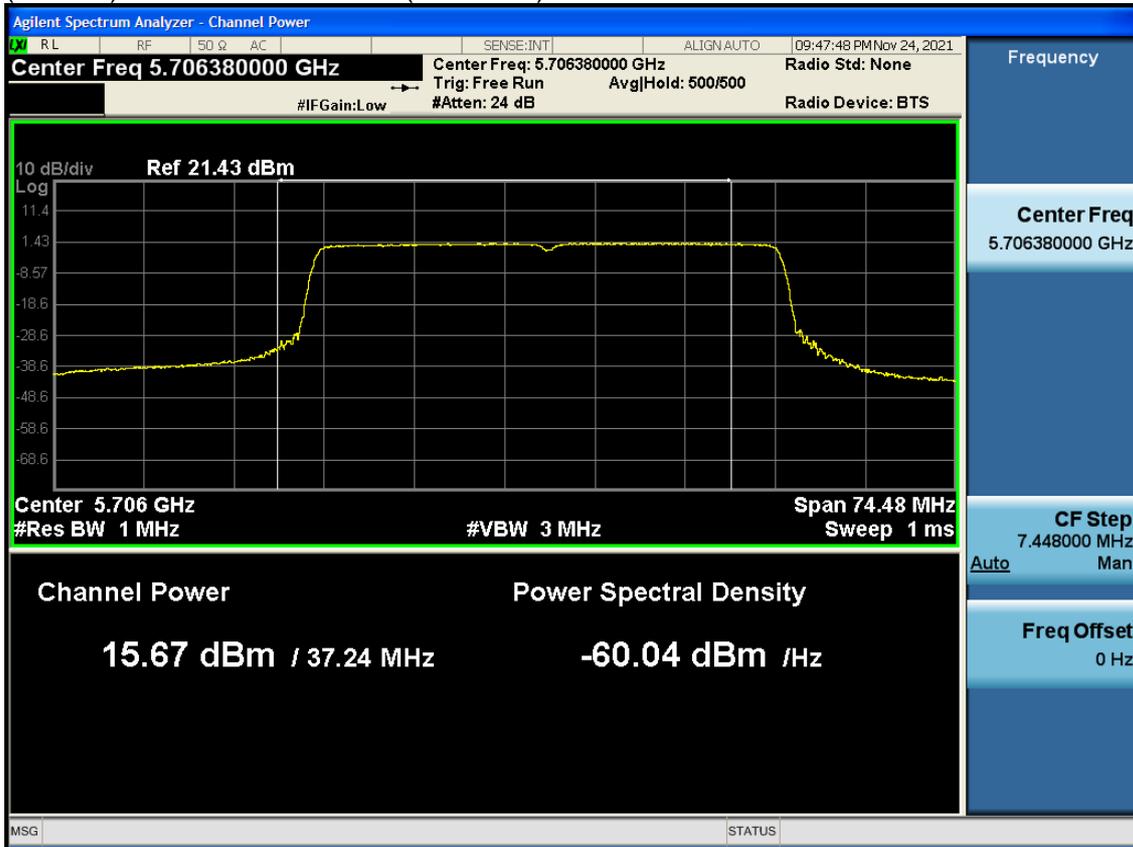
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.97	0.028	10.00

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)
15.67	0.032	15.70

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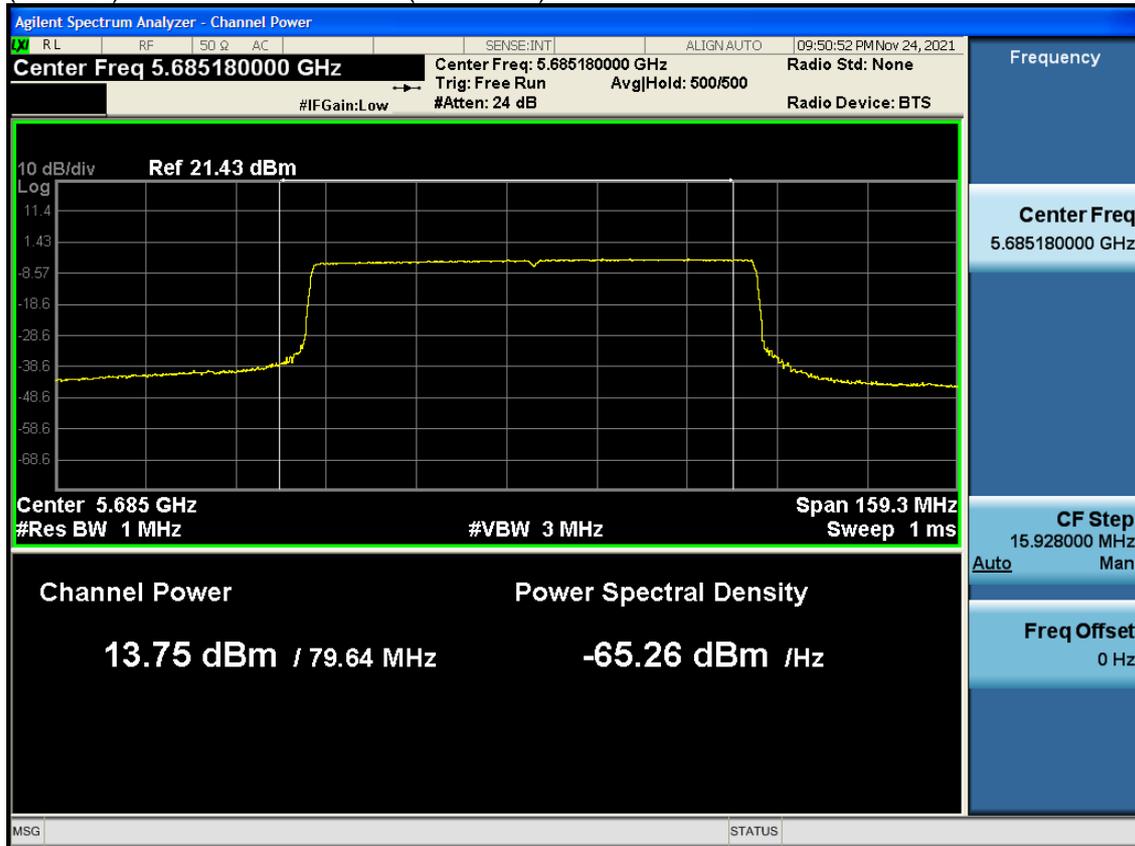
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) RU 44

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.32	0.025	8.35

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
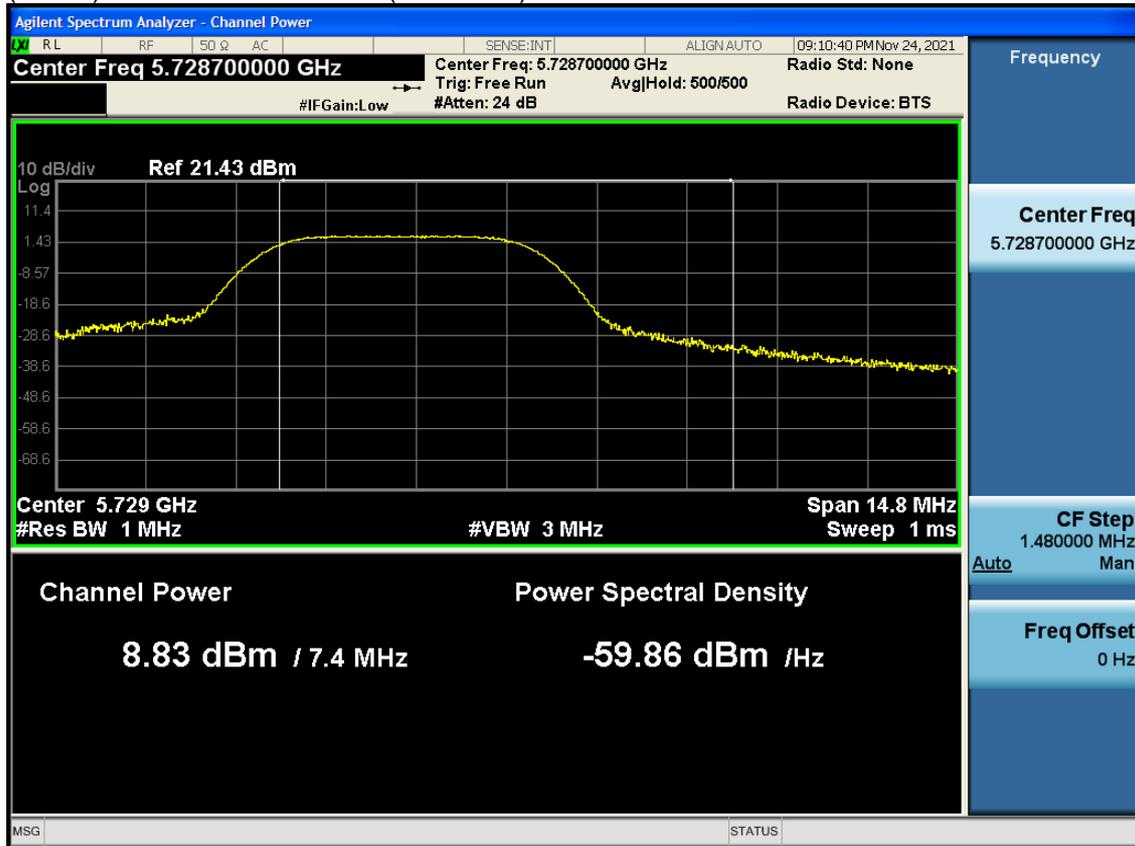
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
13.75	0.027	13.78

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
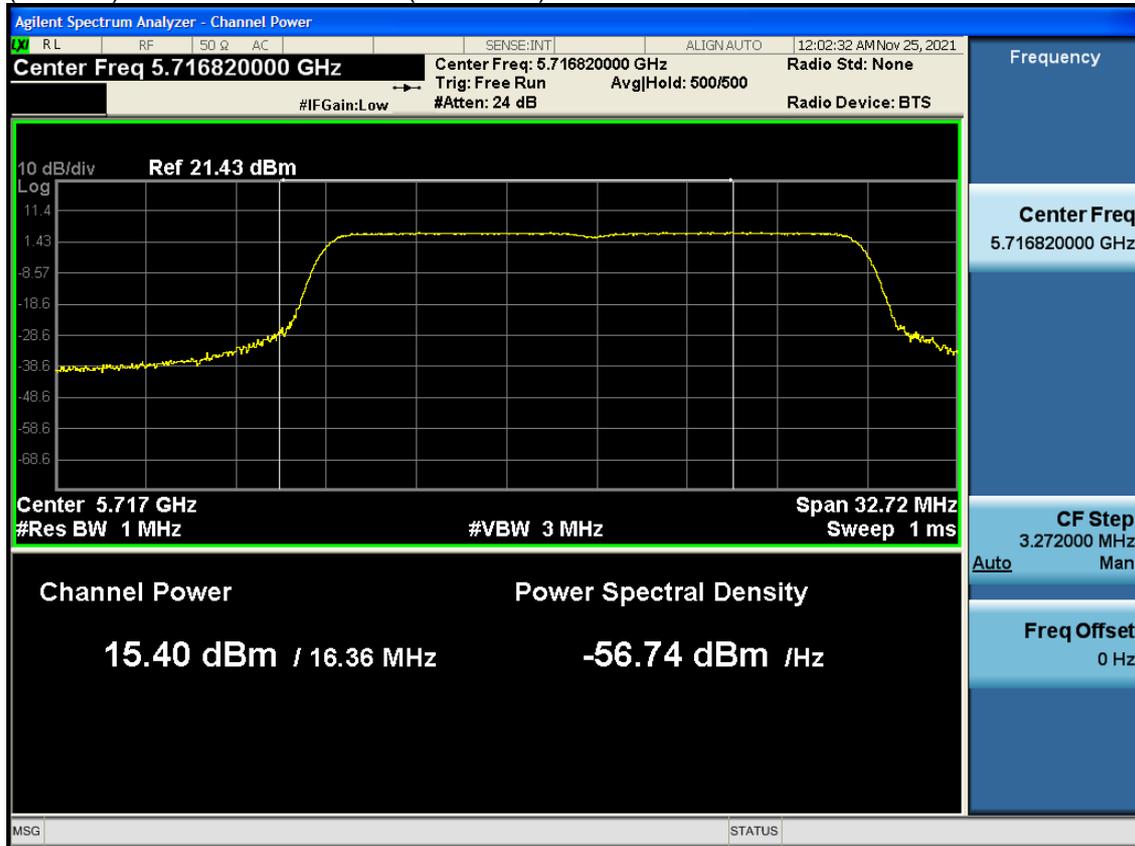
(UNII 3) Bandwidth 80M Ch.138(5690 MHz) RU 52

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.83	0.030	8.86

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)
15.40	0.028	15.42

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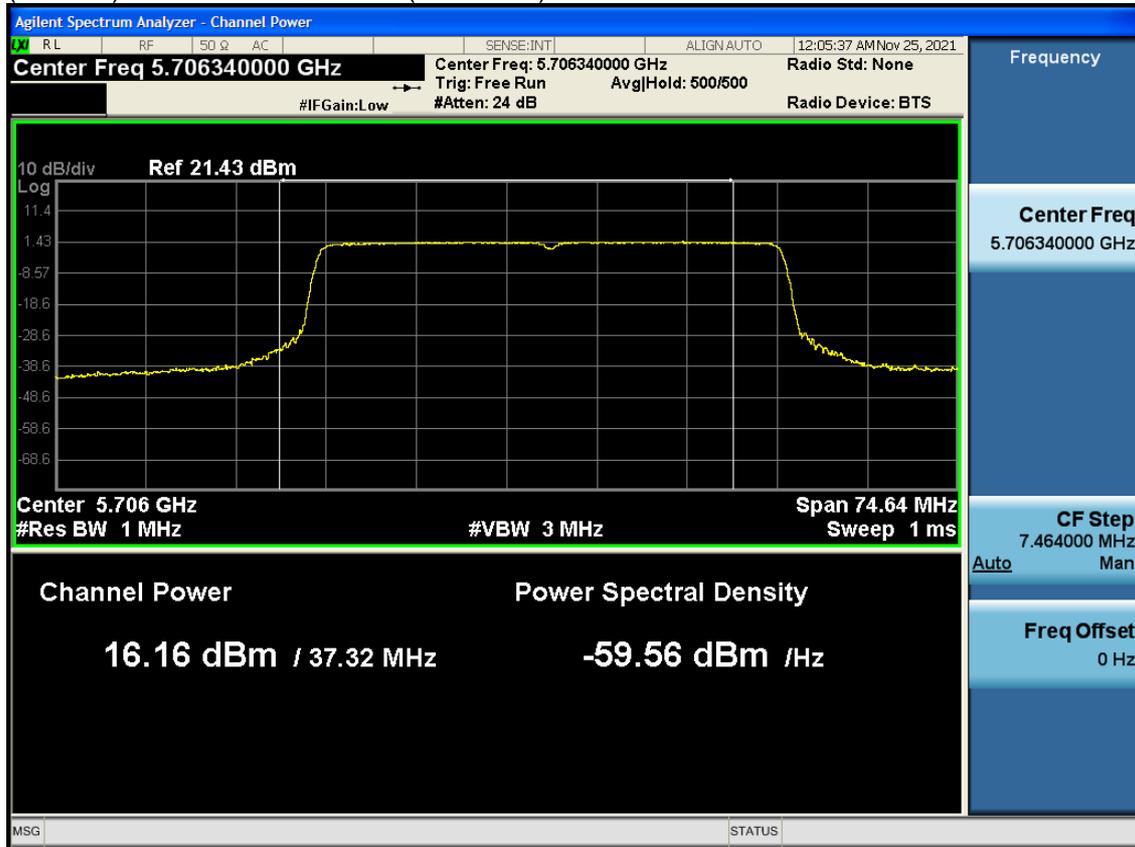
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
10.44	0.028	10.47

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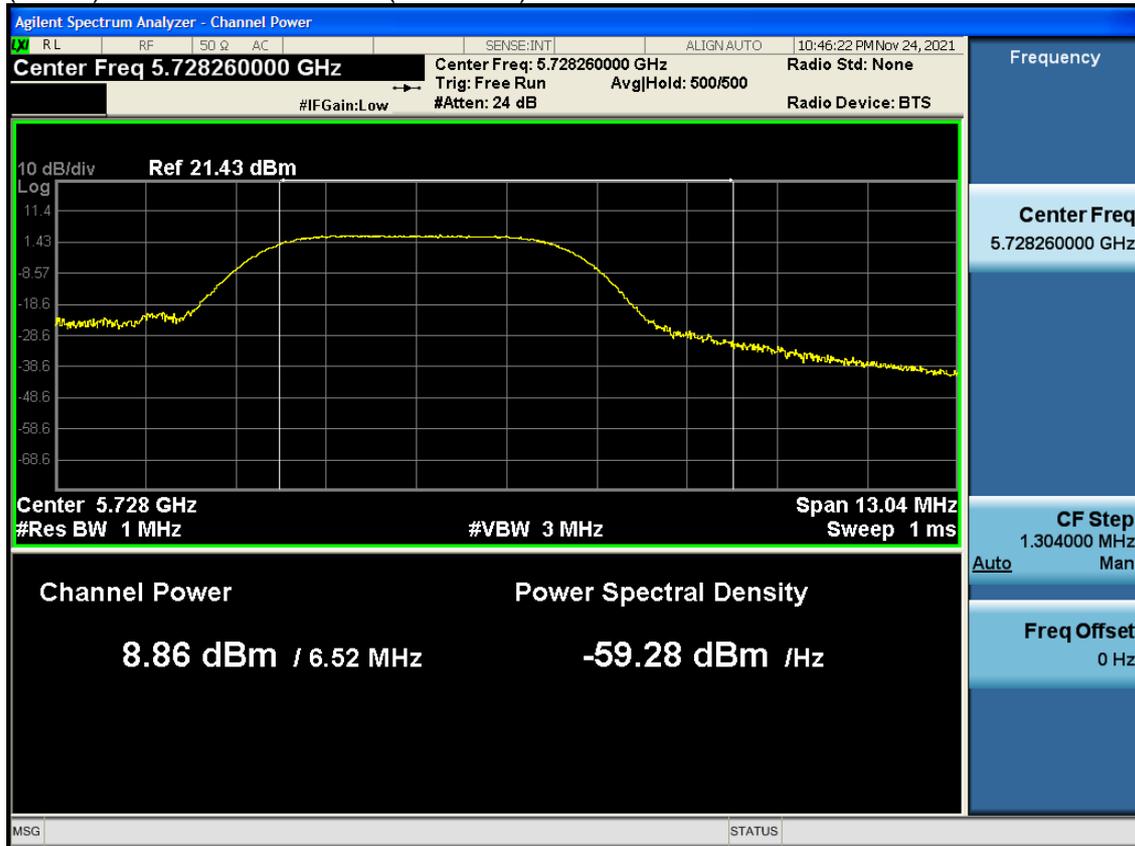
(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
16.16	0.030	16.19

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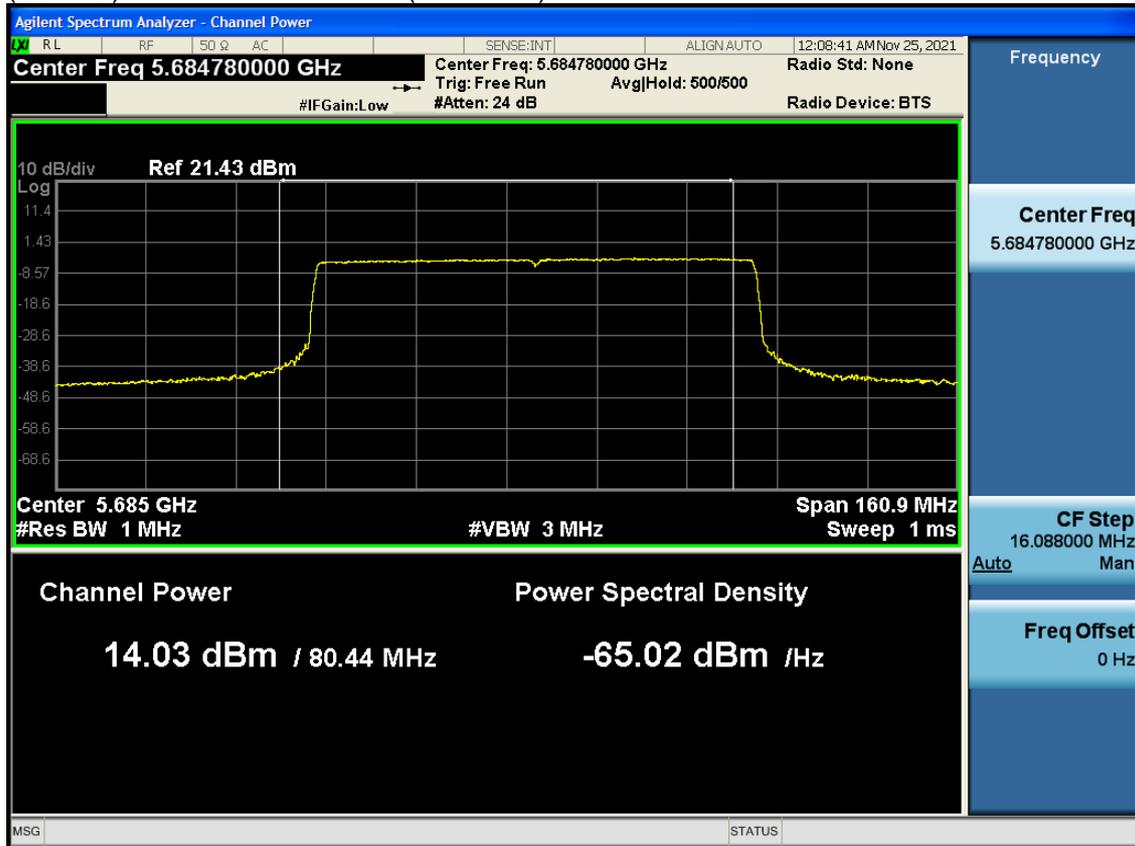
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) RU 44

Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.86	0.025	8.89

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)
14.03	0.027	14.06

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

(UNII 3) Bandwidth 80M Ch.138(5690 MHz) RU 52
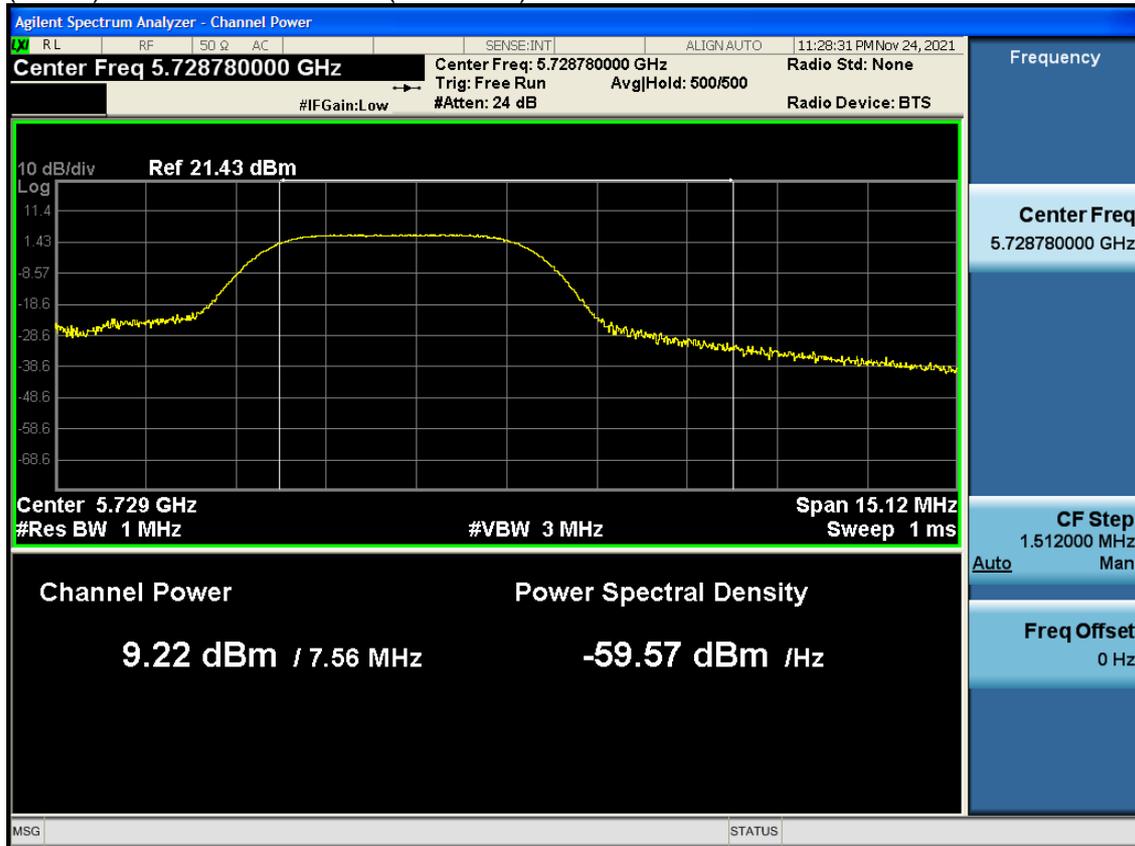
Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
9.22	0.030	9.25

Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
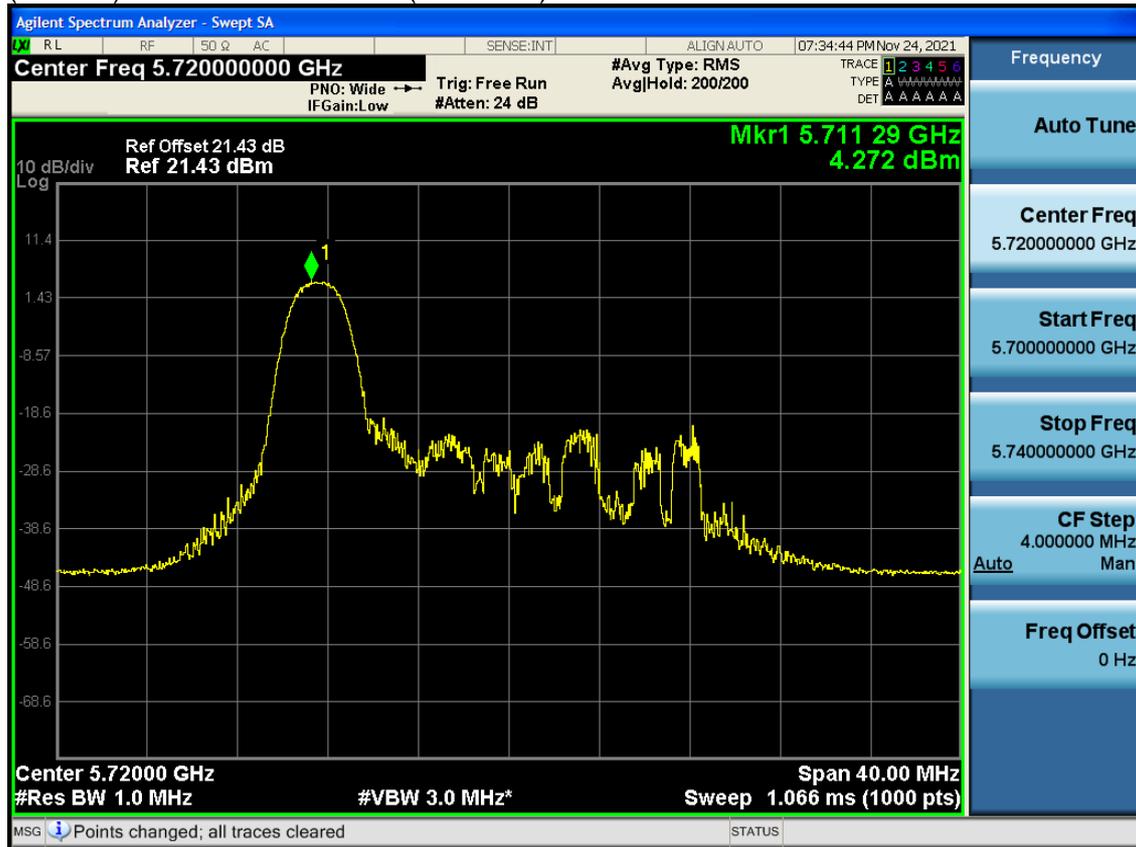
5.4 Power Spectral Density

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) RU 0

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.272	0.030	4.302

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

(UNII 3) Bandwidth 20M Ch.144(5720 MHz) RU 7

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
1.929	0.030	1.959

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

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.183	0.025	4.209

Note:
Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
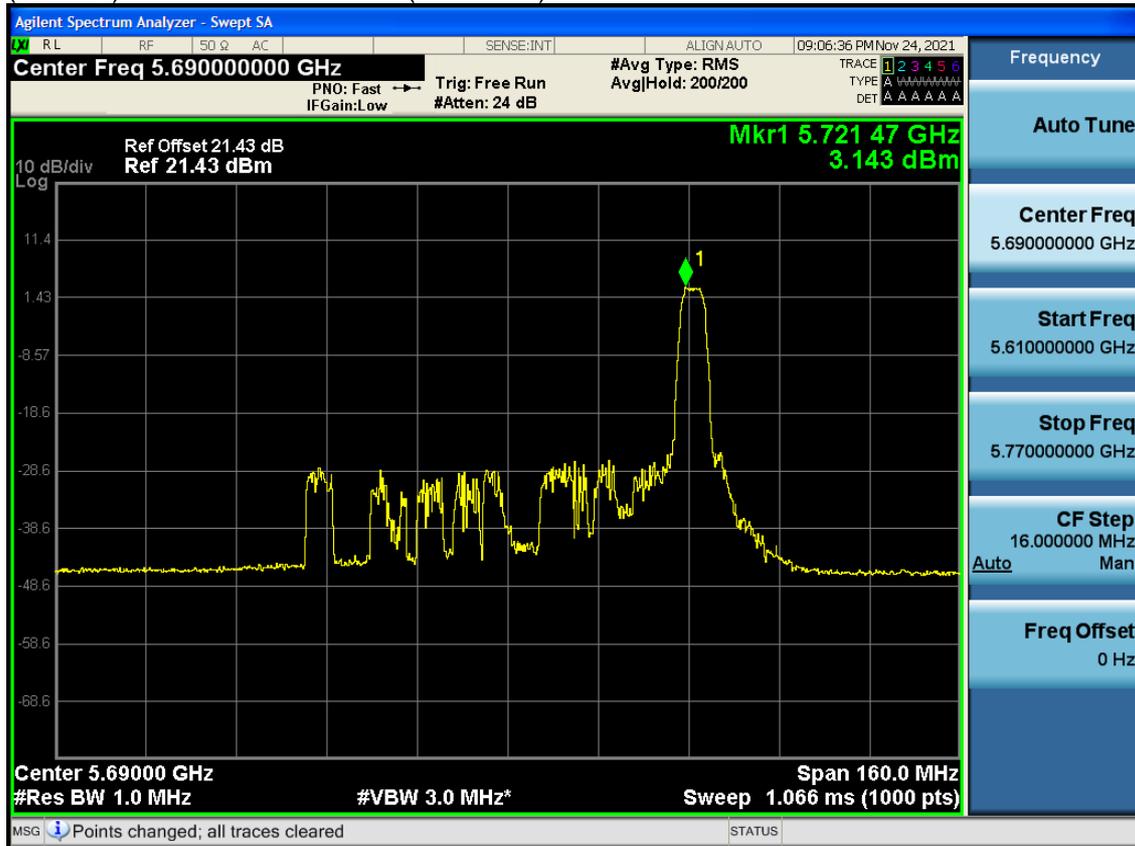
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) RU 16

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
1.455	0.025	1.481

Note:
Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
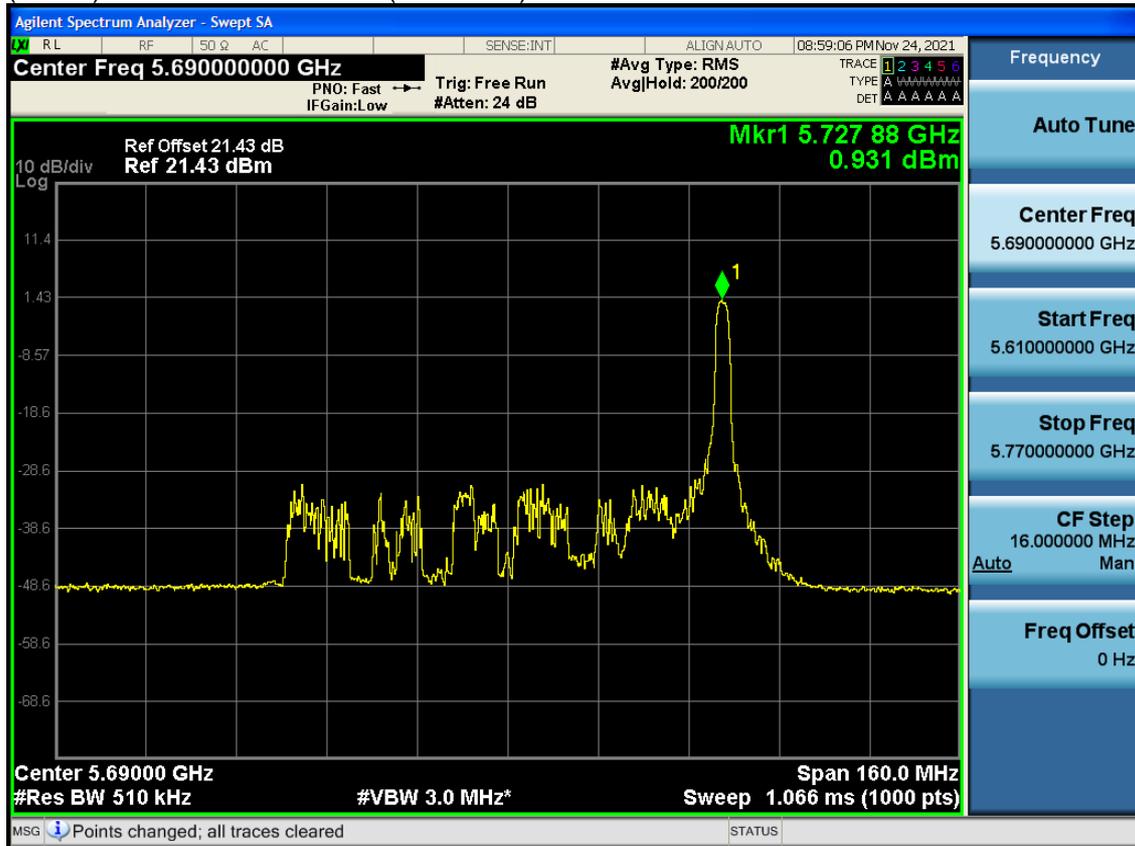
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) RU 51

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.143	0.030	3.172

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

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
0.931	0.030	0.961

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

5.4.2 MIMO Ant2

(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) RU 0

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.782	0.030	4.811

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

(UNII 3) Bandwidth 20M Ch.144(5720 MHz) RU 7

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
2.472	0.030	2.502

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

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
4.453	0.025	4.479

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

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
1.485	0.025	1.510

Note:
Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
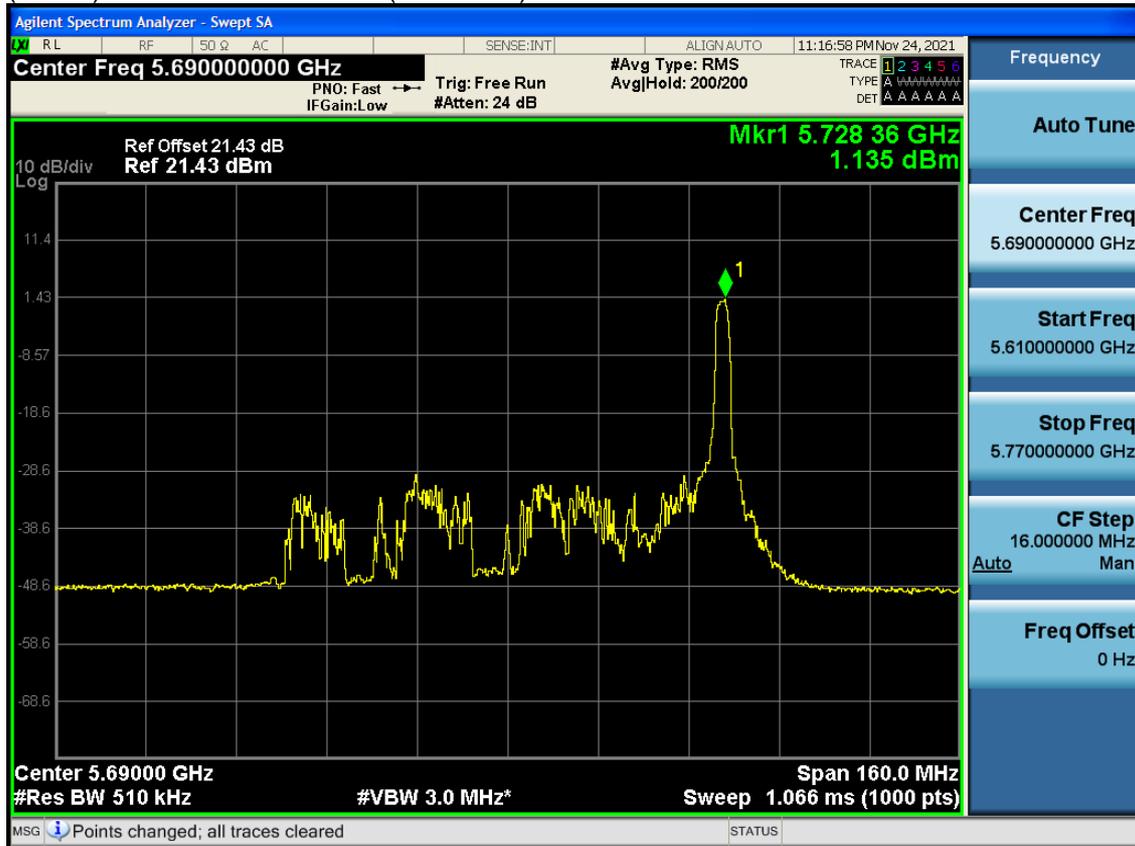
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) RU 51

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
3.361	0.030	3.390

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

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

Measured Value (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)
1.135	0.03	1.165

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