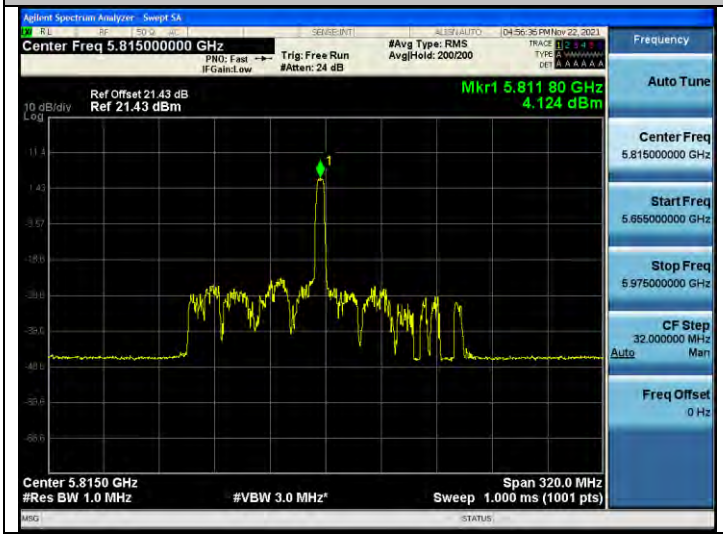
Bandwidth 80M Ch.171 (5855 MHz) RU 52	
Ant1	**Ant2**
	

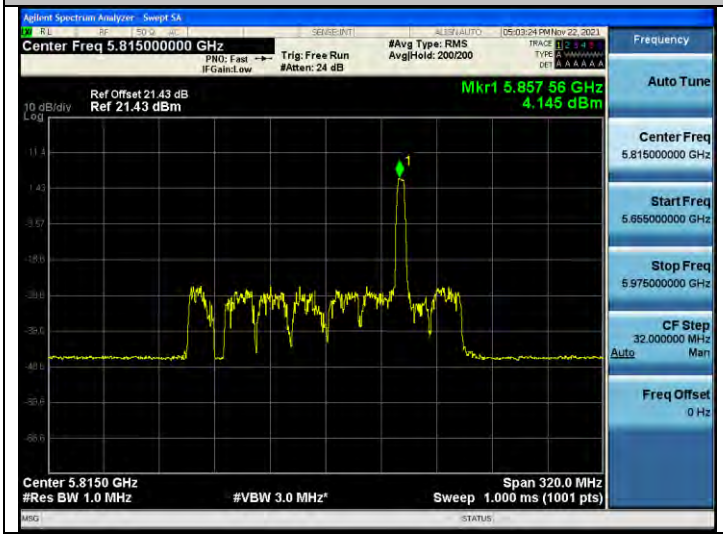
Total PSD (dBm)	ANT Gain (dB)	EIRP SUM PSD (dBm)
7.479	-3.52	3.959

Note:
1. Duty Cycle Factor (dB): 0.030
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) 52 Tones RU 52	
Ant1	**Ant2**
	

Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
7.420	-3.52	3.900

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) 52 Tones RU 45	
Ant1	**Ant2**
	

Total PSD (dBm)	Directional Gain (dBi)	EIRP SUM PSD (dBm)
7.307	-3.52	3.787

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)
-4.537	-3.52	-8.057

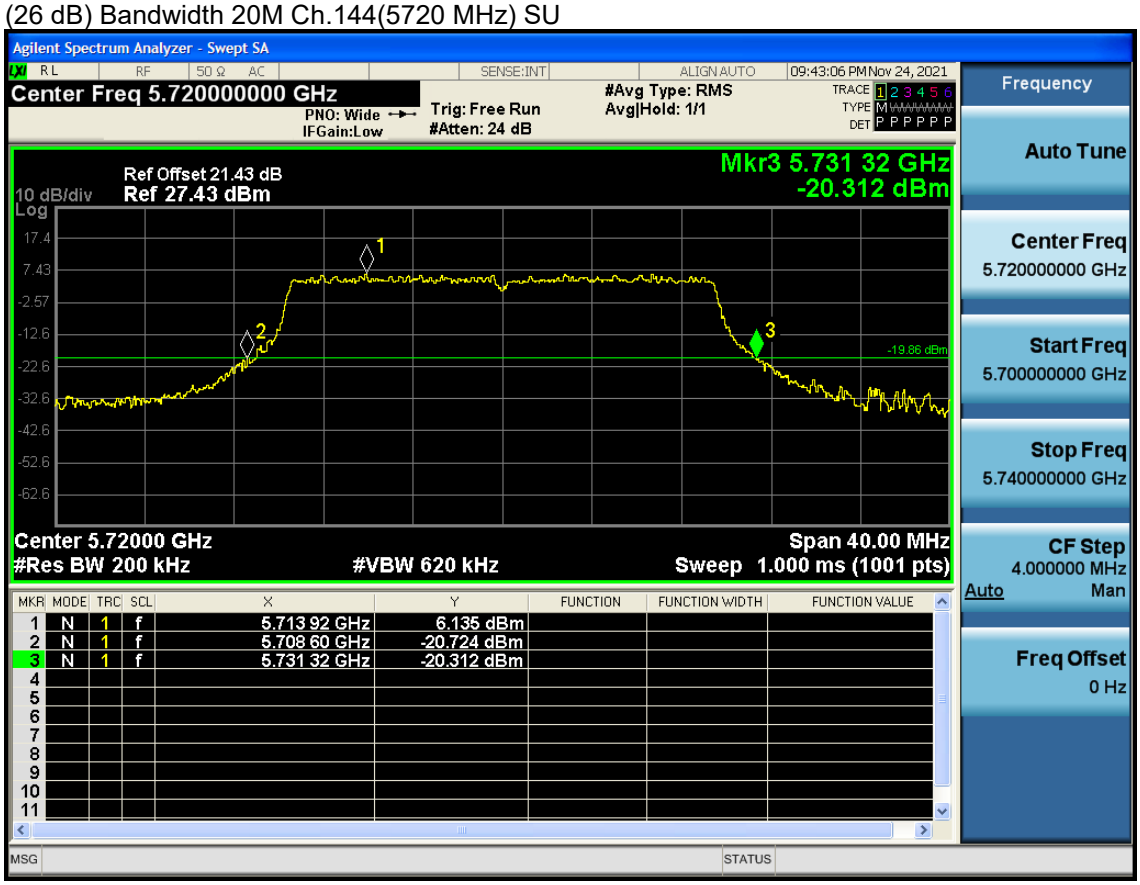
Note:
1. Duty Cycle Factor (dB): 0.000
2. Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)
3. EIRP SUM PSD (dBm) = Tatal PSD (dBm) + Directional Gain (dBi)

5. Straddle Channel
5.1 26 dB Bandwidth

Note:
1. In order to simplify the report, attached plots were only the most wide channel.

5.1.1 MIMO Ant1

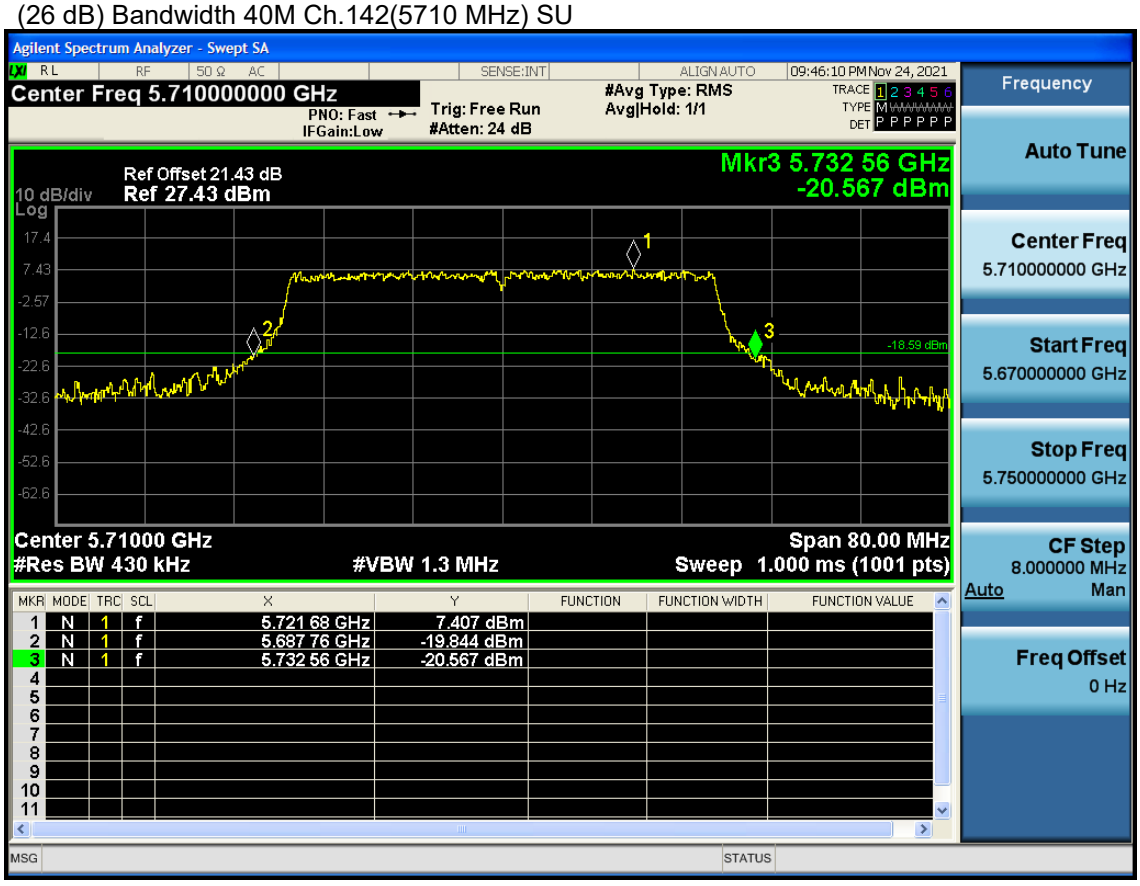
(26 dB) Bandwidth 20M Ch.144(5720 MHz) SU



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5708.6	16.40
UNII 3	**Measured Frequency [MHz]**	**Straddle Frequency [MHz]**	**26dB Bandwidth [MHz]**
	5731.32	5725	6.32

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

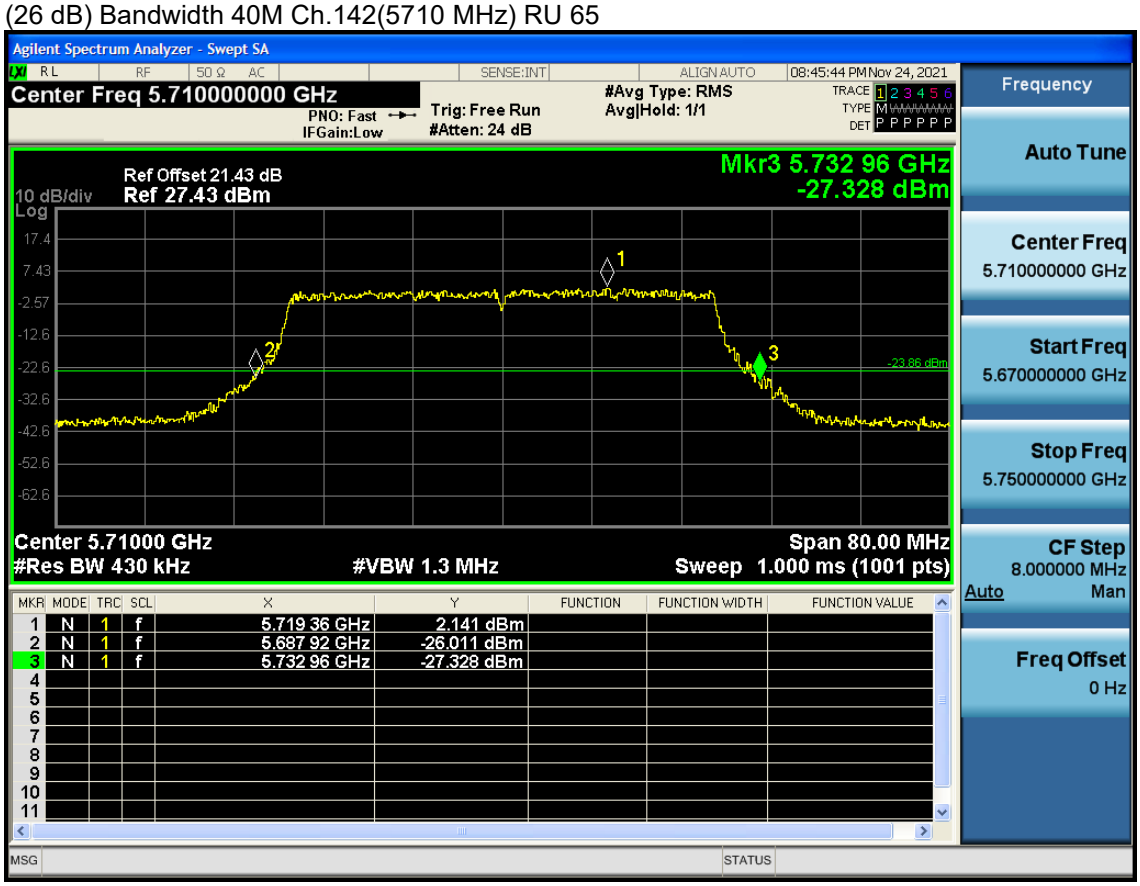
(26 dB) Bandwidth 40M Ch.142(5710 MHz) SU



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

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

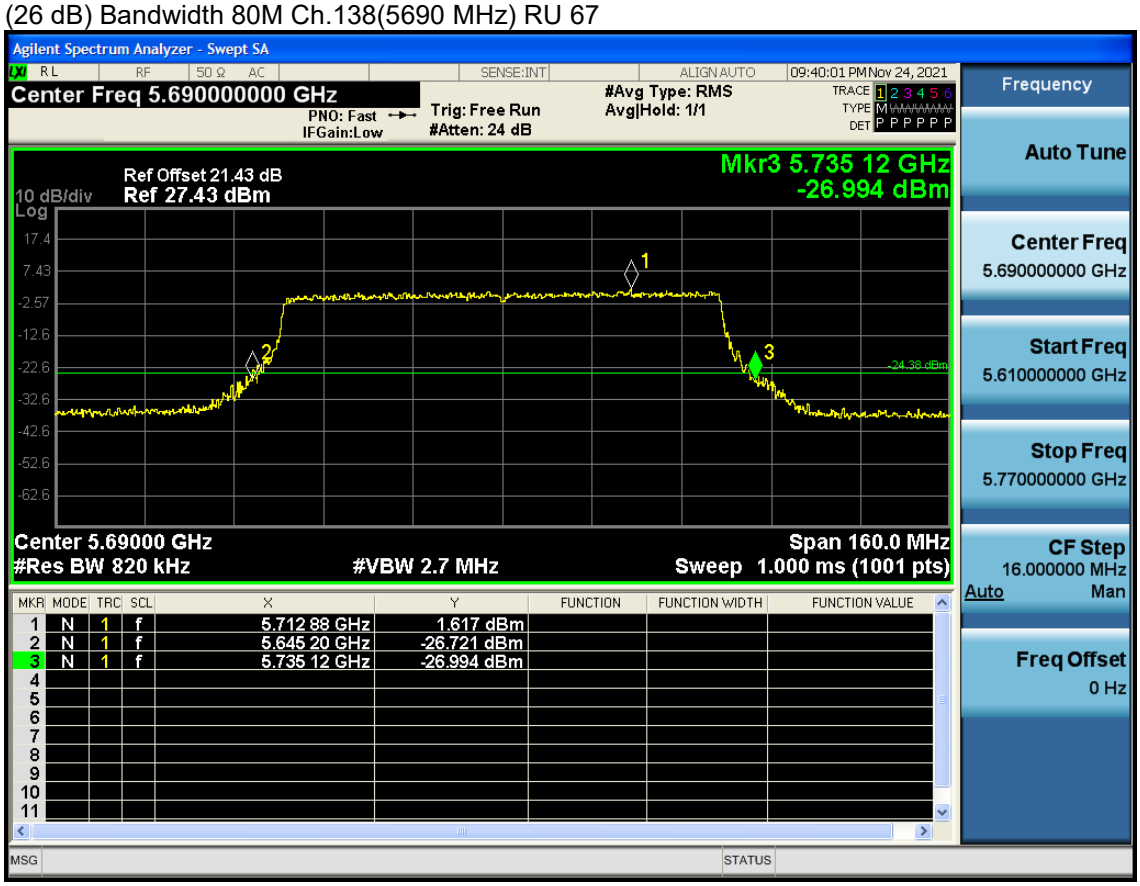
(26 dB) Bandwidth 40M Ch.142(5710 MHz) RU 65



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5732.96	5725	7.96

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

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

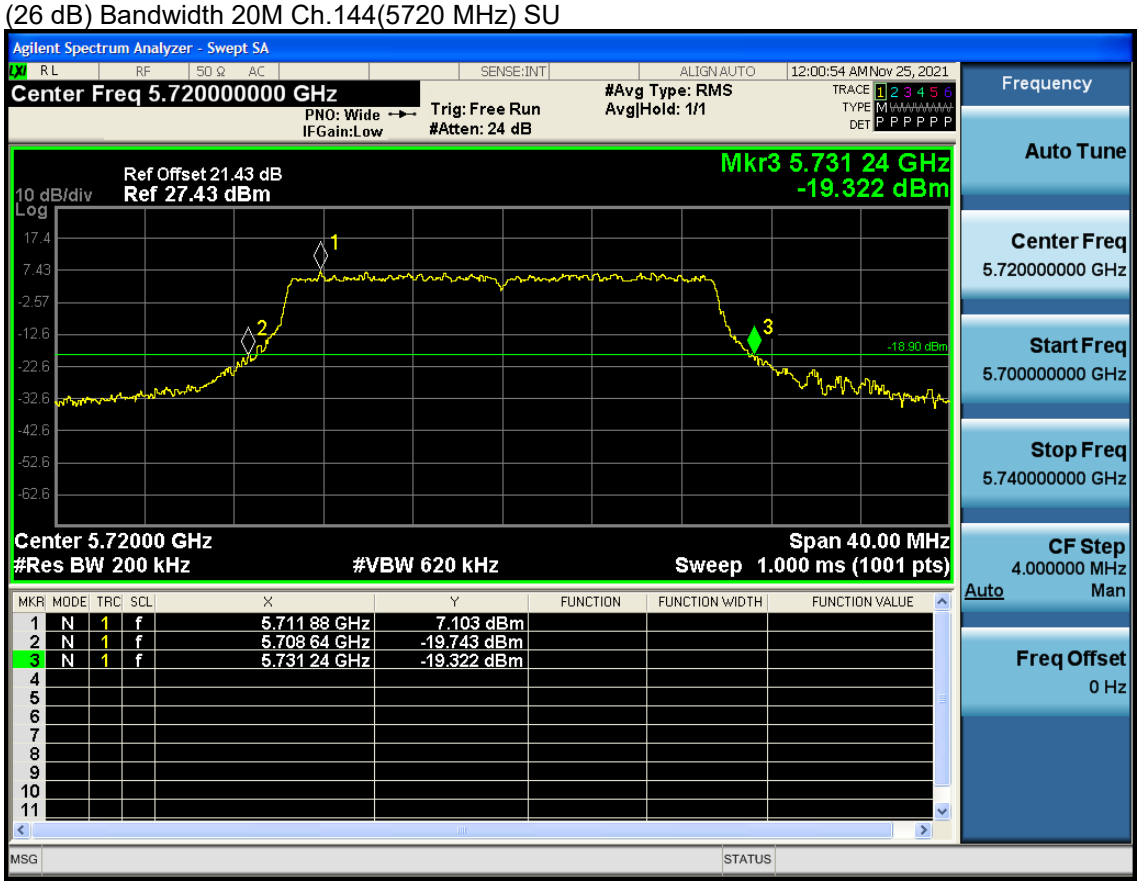


UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5645.2	79.80
UNII 3	**Straddle Frequency [MHz]**	**Measured Frequency [MHz]**	**26dB Bandwidth [MHz]**
	5735.12	5725	10.12

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

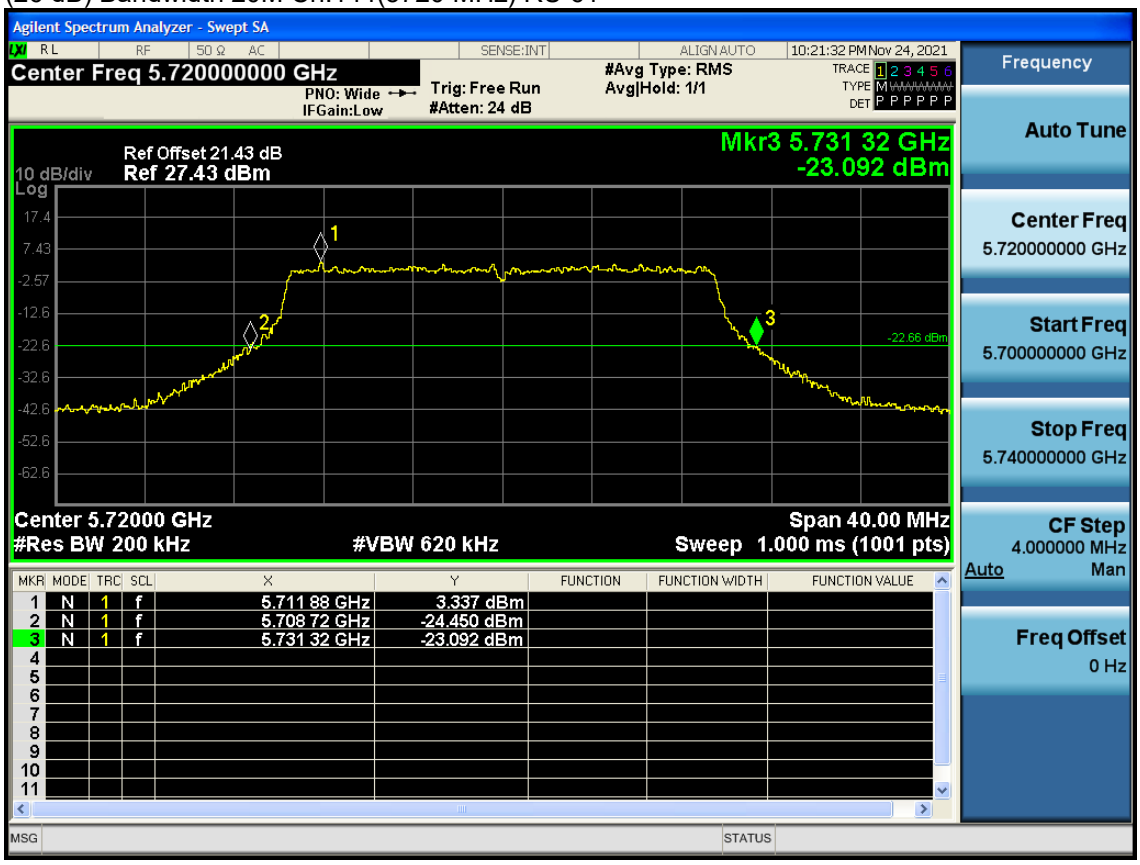
(26 dB) Bandwidth 20M Ch.144(5720 MHz) SU



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5708.64	16.36

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

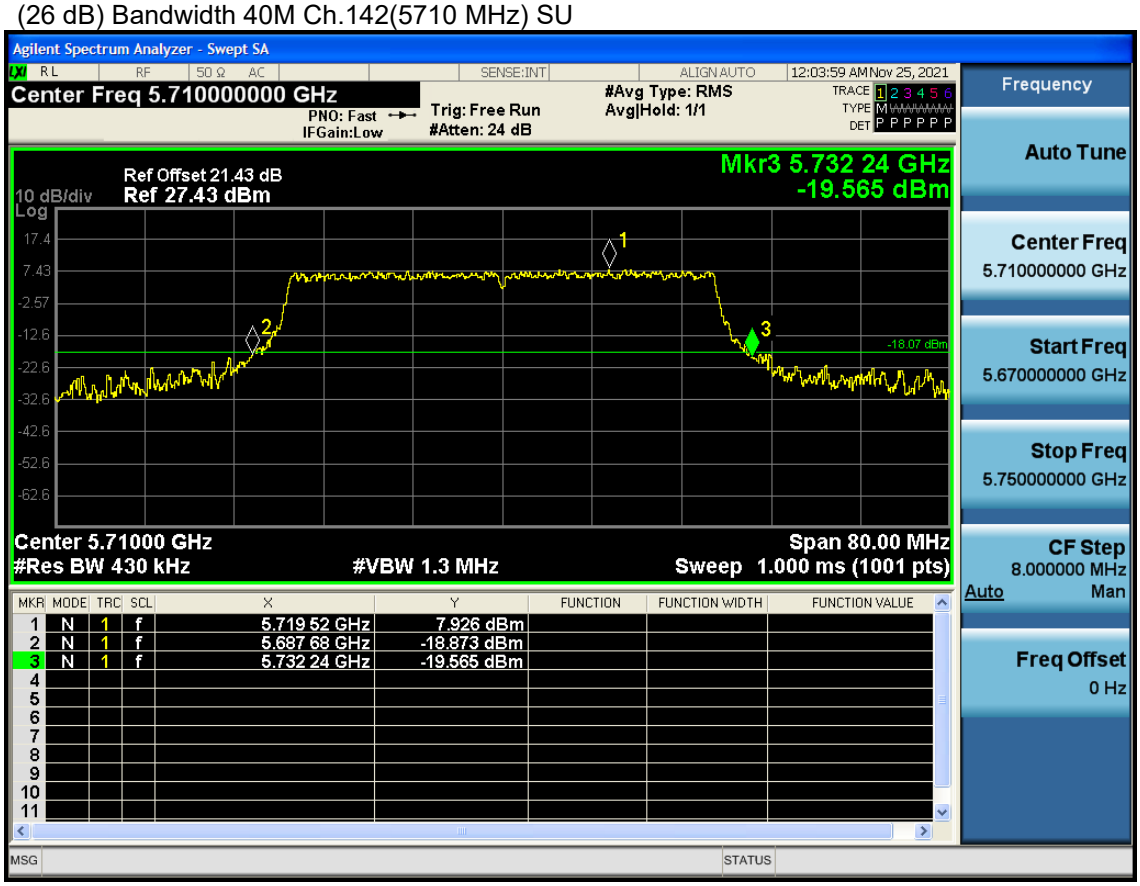
(26 dB) Bandwidth 20M Ch.144(5720 MHz) RU 61



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5731.32	5725	6.32

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

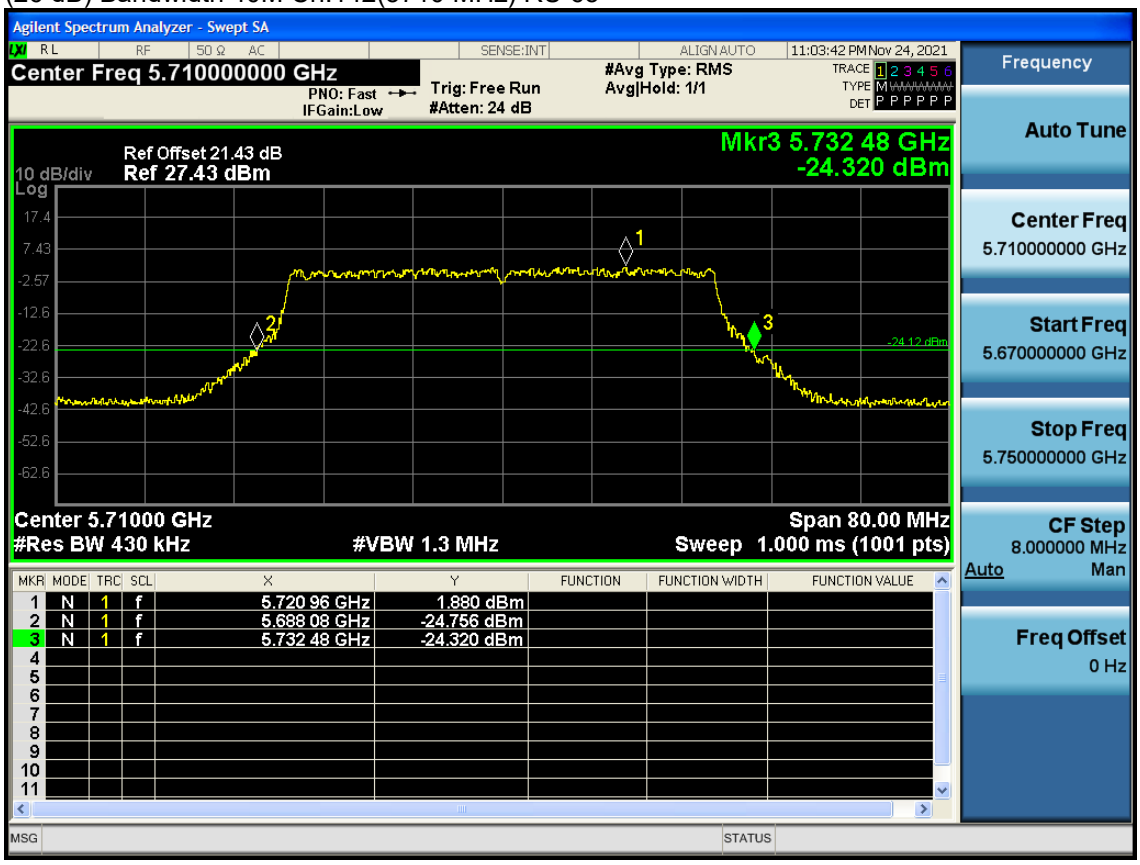
(26 dB) Bandwidth 40M Ch.142(5710 MHz) SU



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5687.68	37.32

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

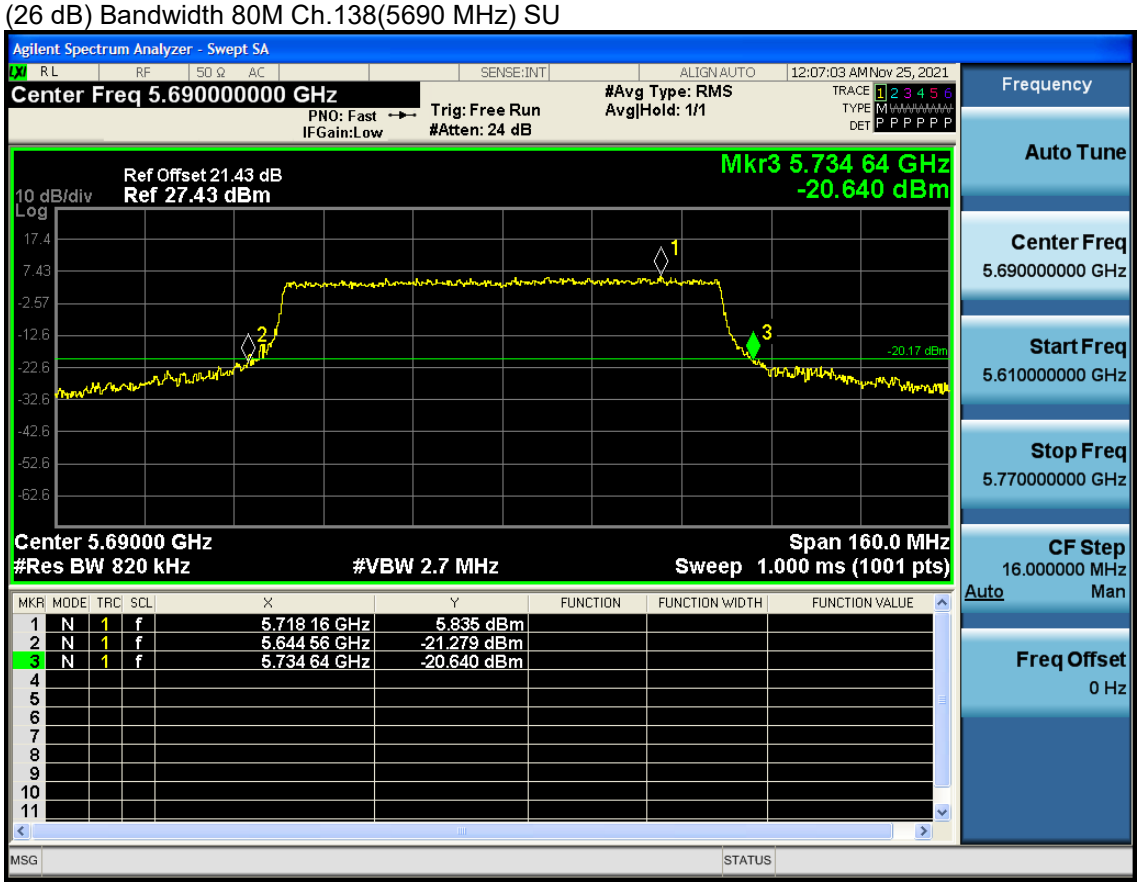
(26 dB) Bandwidth 40M Ch.142(5710 MHz) RU 65



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

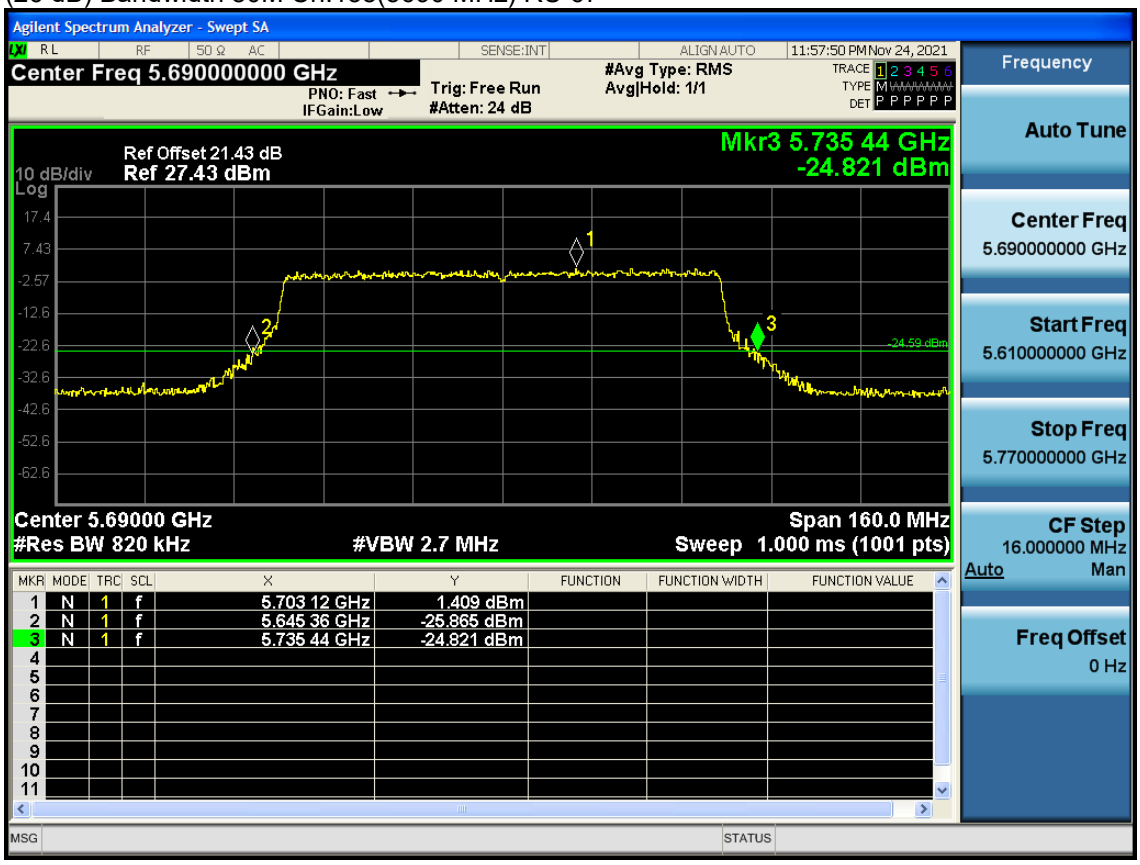
(26 dB) Bandwidth 80M Ch.138(5690 MHz) SU



UNII 2C	Straddle Frequency [MHz]	Measured Frequency [MHz]	26dB Bandwidth [MHz]
	5725	5644.56	80.44

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

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



UNII 3	Measured Frequency [MHz]	Straddle Frequency [MHz]	26dB Bandwidth [MHz]
	5735.44	5725	10.44

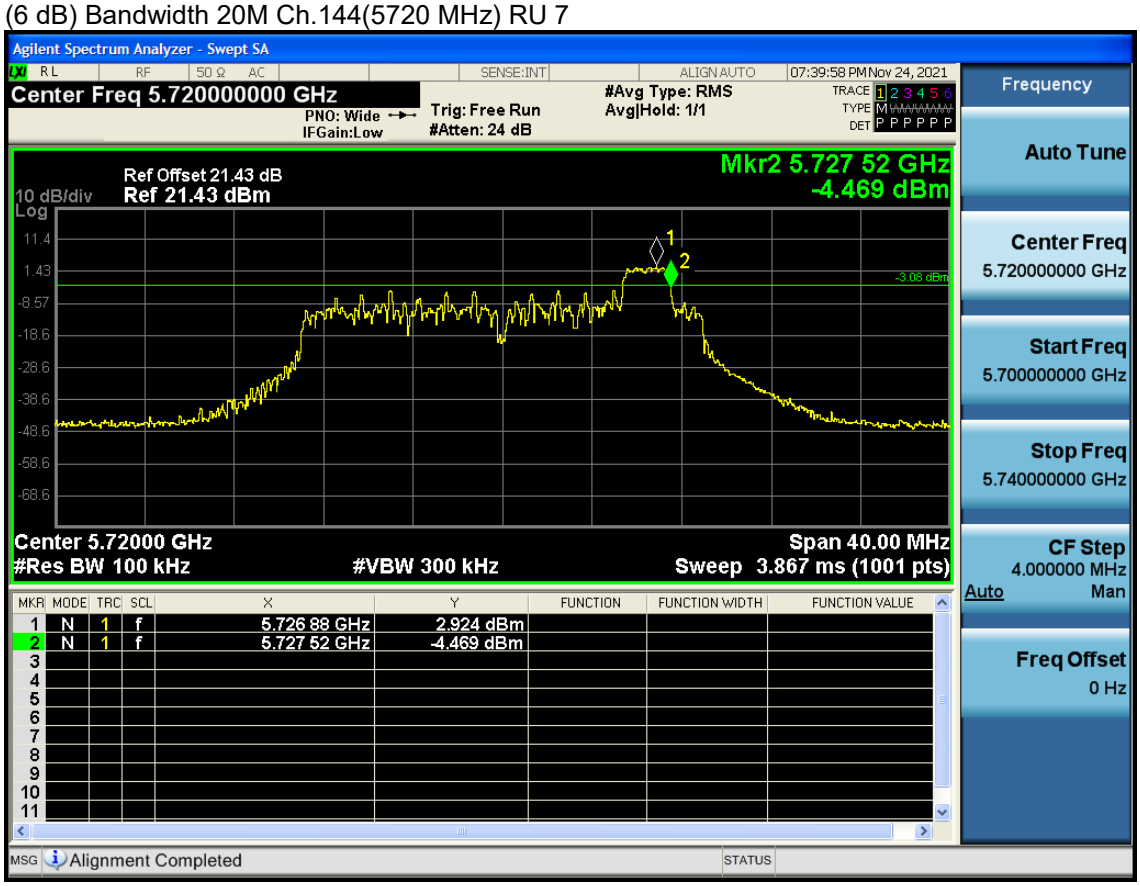
Note:
1. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz

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

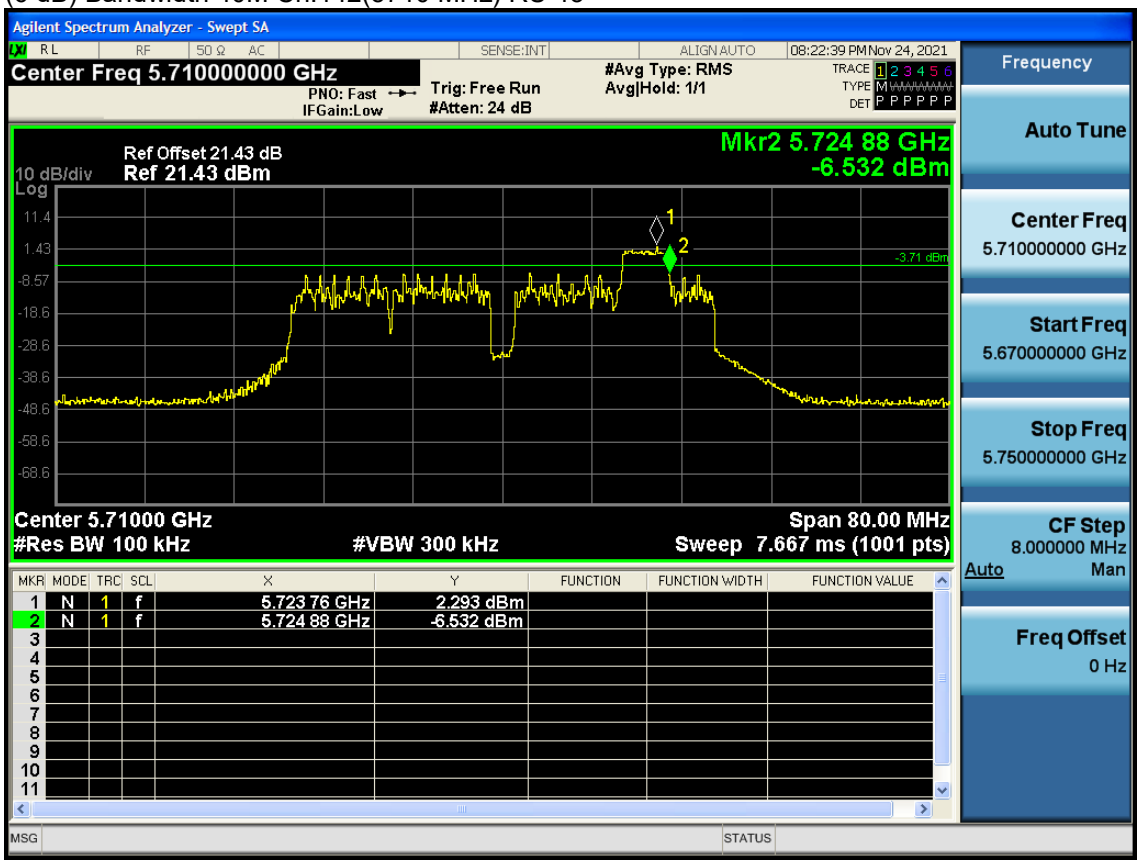
(6 dB) Bandwidth 20M Ch.144(5720 MHz) RU 7



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

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

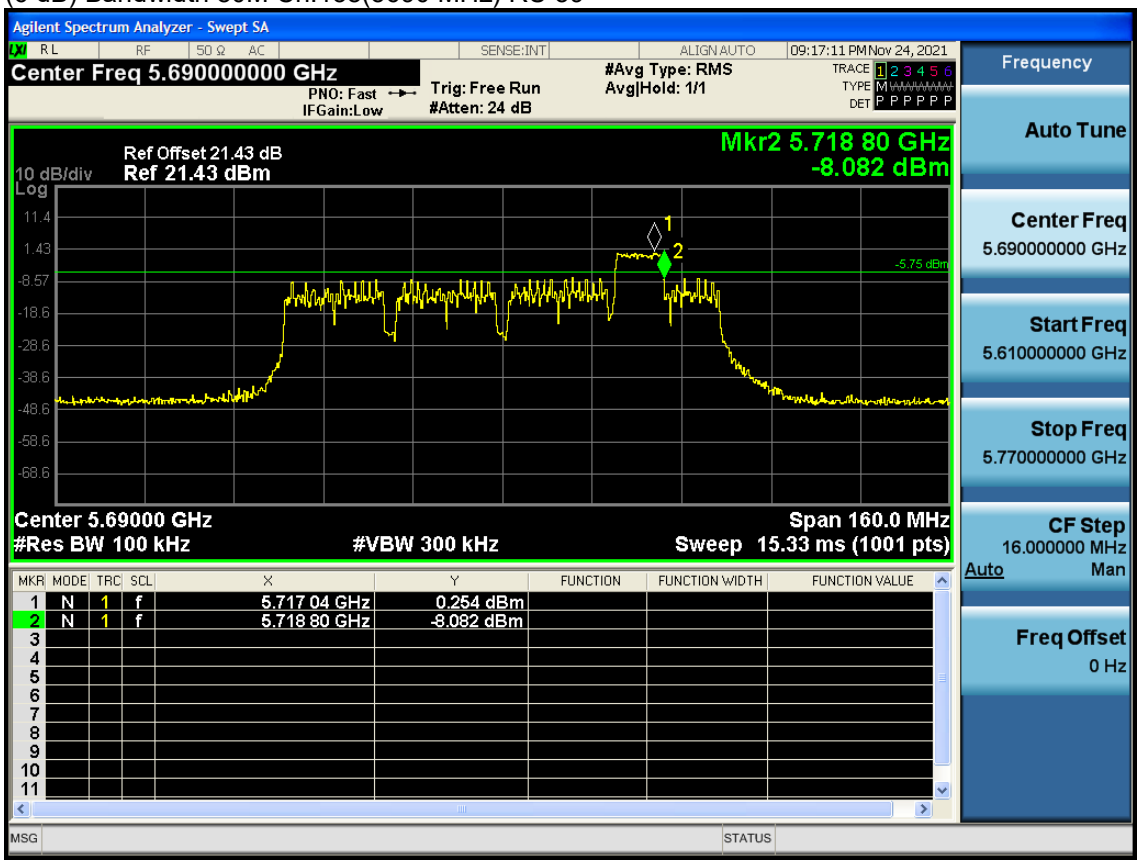
(6 dB) Bandwidth 40M Ch.142(5710 MHz) RU 43



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5724.88	5725	-0.12

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

(6 dB) Bandwidth 80M Ch.138(5690 MHz) RU 59

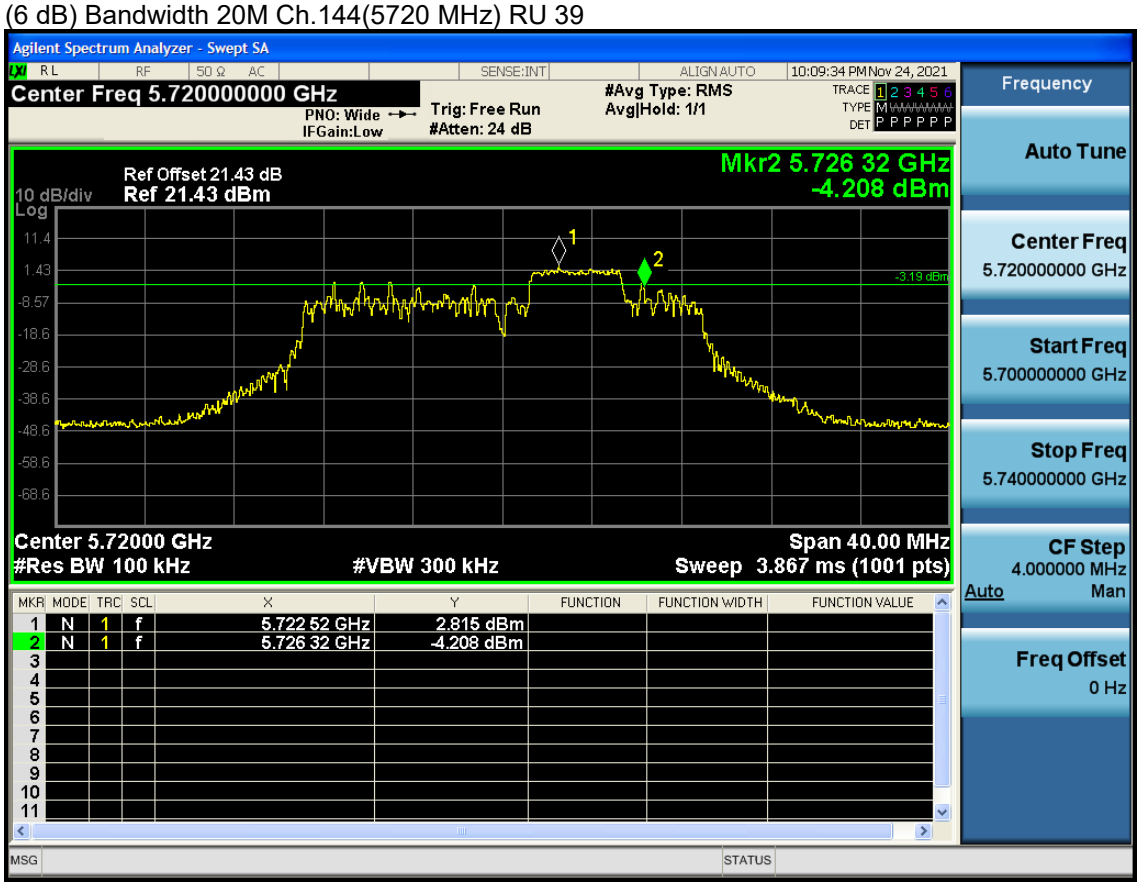


Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5718.8	5725	-6.20

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

5.2.2 MIMO Ant2

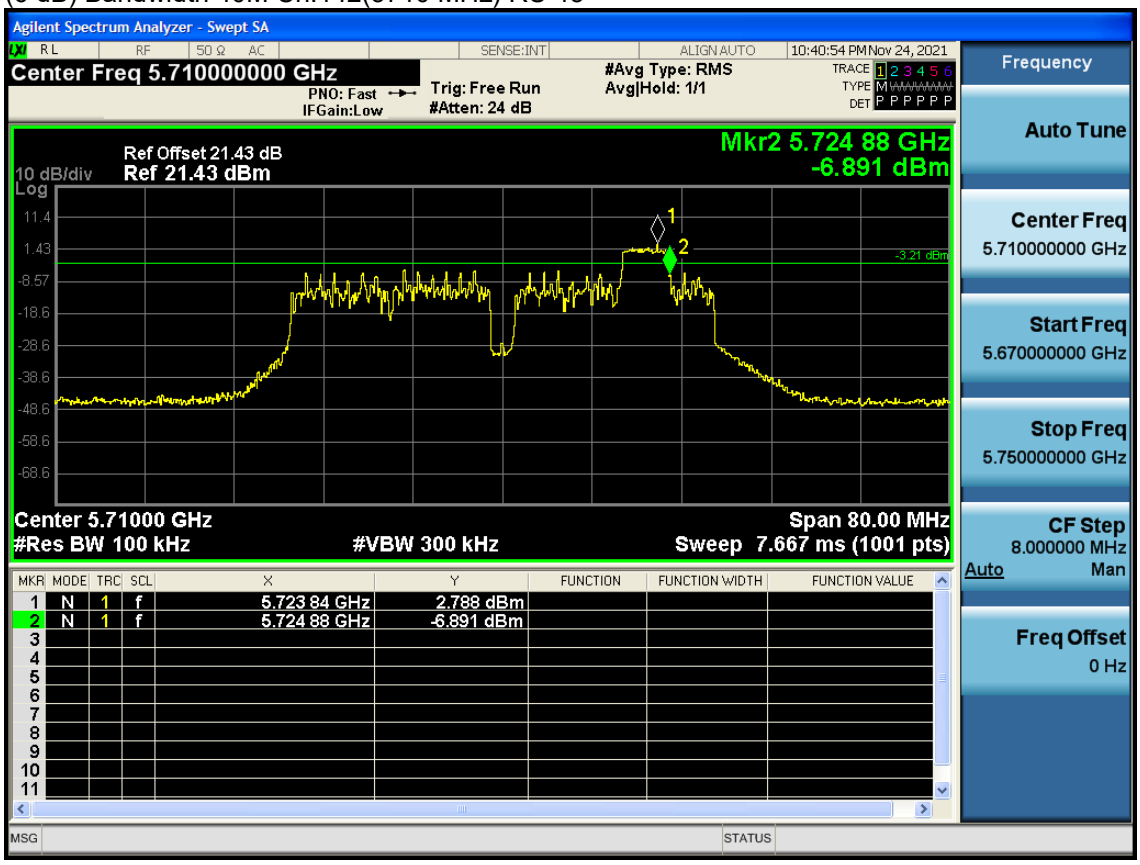
(6 dB) Bandwidth 20M Ch.144(5720 MHz) RU 39



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5726.32	5725	1.32

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

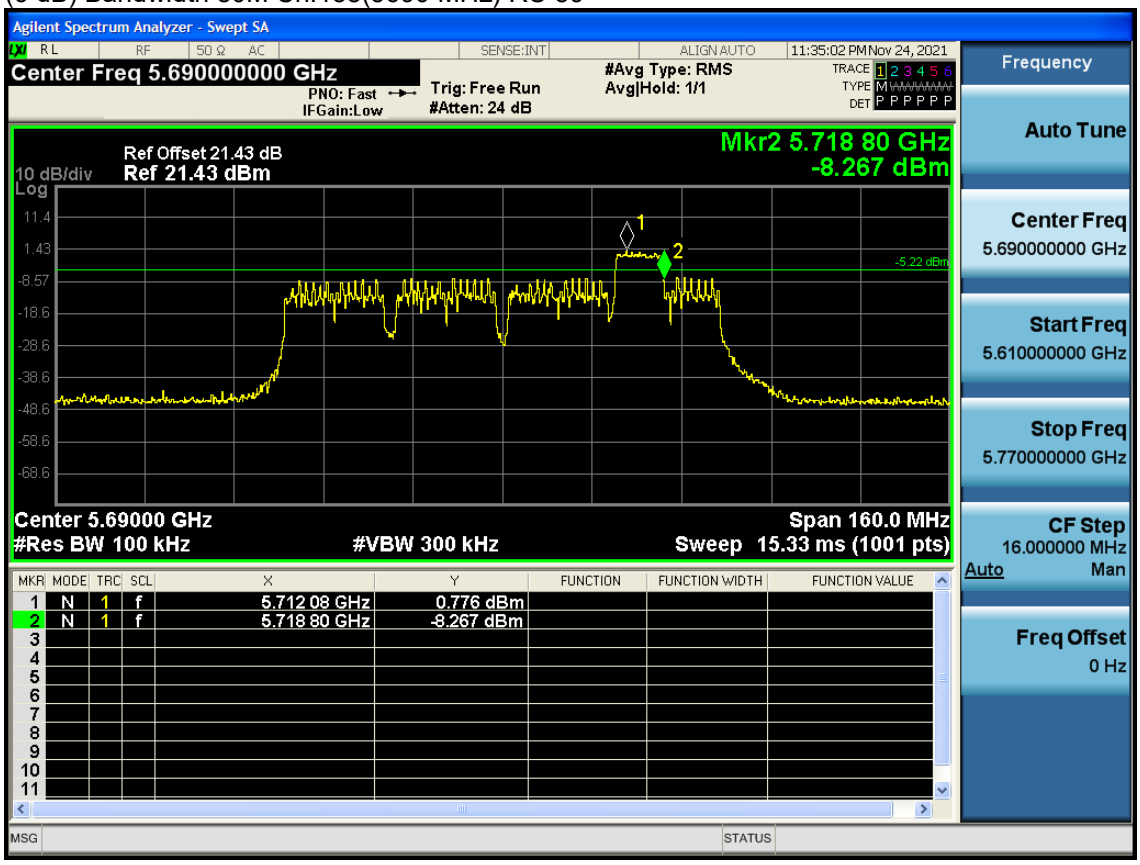
(6 dB) Bandwidth 40M Ch.142(5710 MHz) RU 43



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5724.88	5725	-0.12

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

(6 dB) Bandwidth 80M Ch.138(5690 MHz) RU 59



Measured Frequency [MHz]	Straddle Frequency [MHz]	6dB Bandwidth [MHz]
5718.8	5725	-6.20

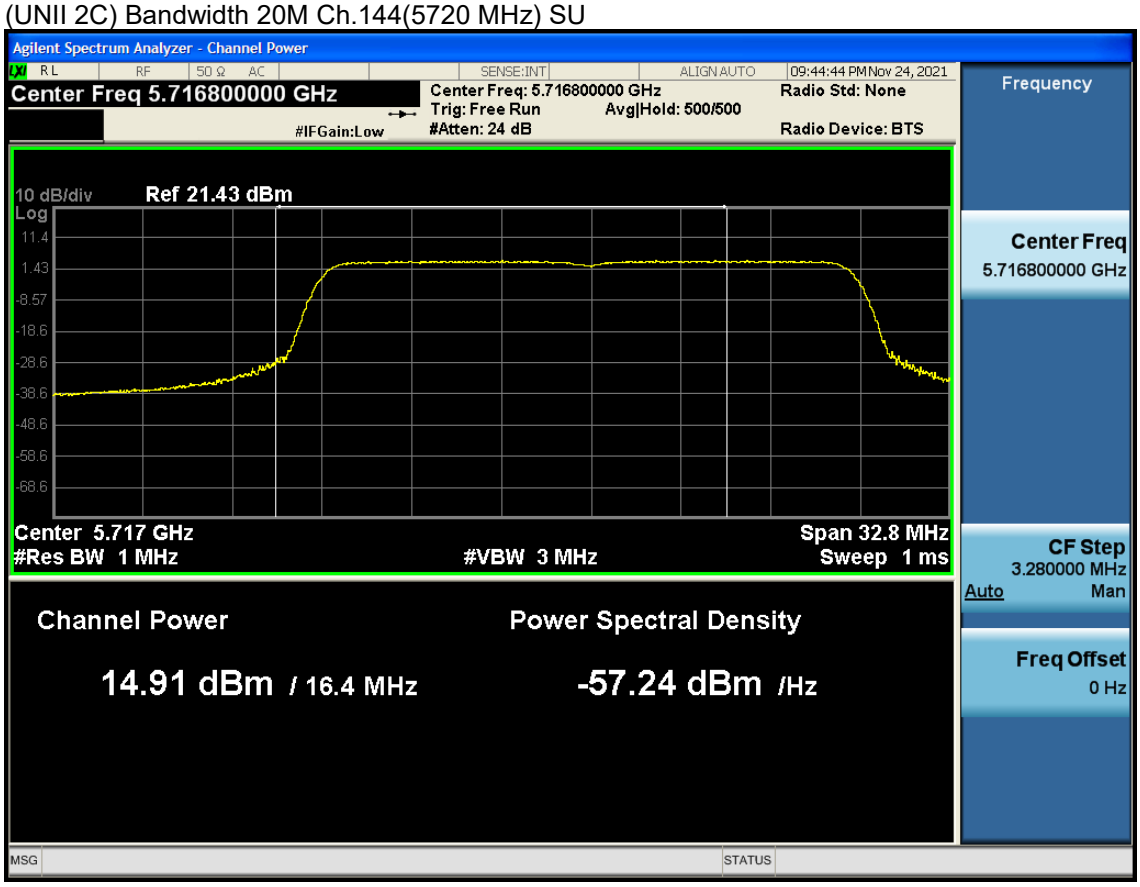
Note:
6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz

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

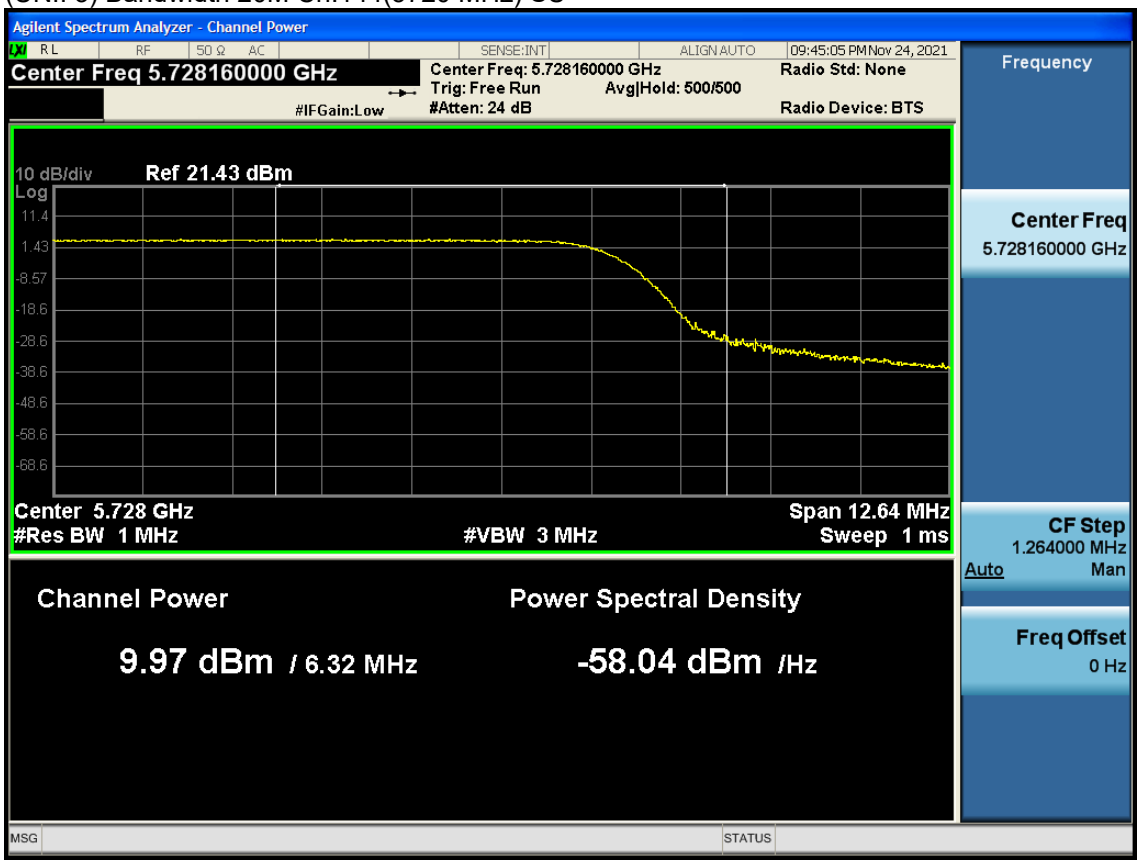
(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU



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

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

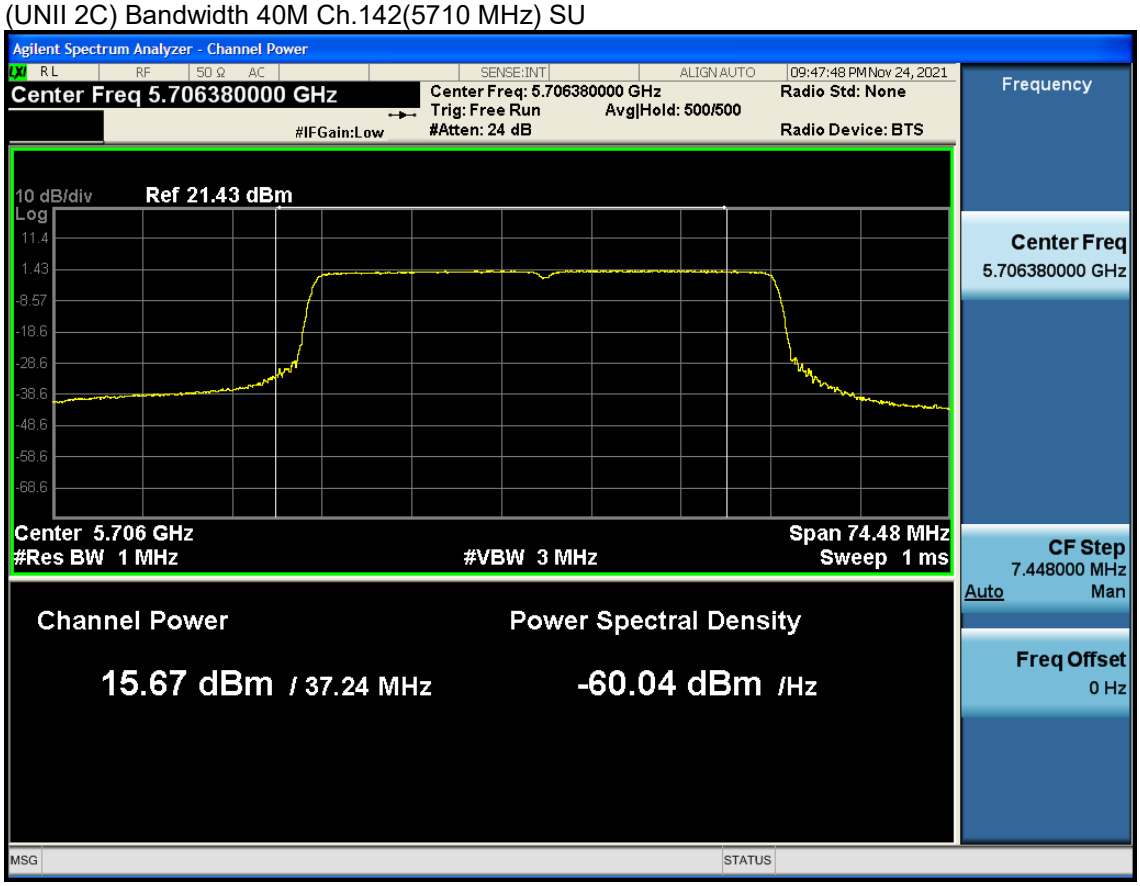
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU



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)

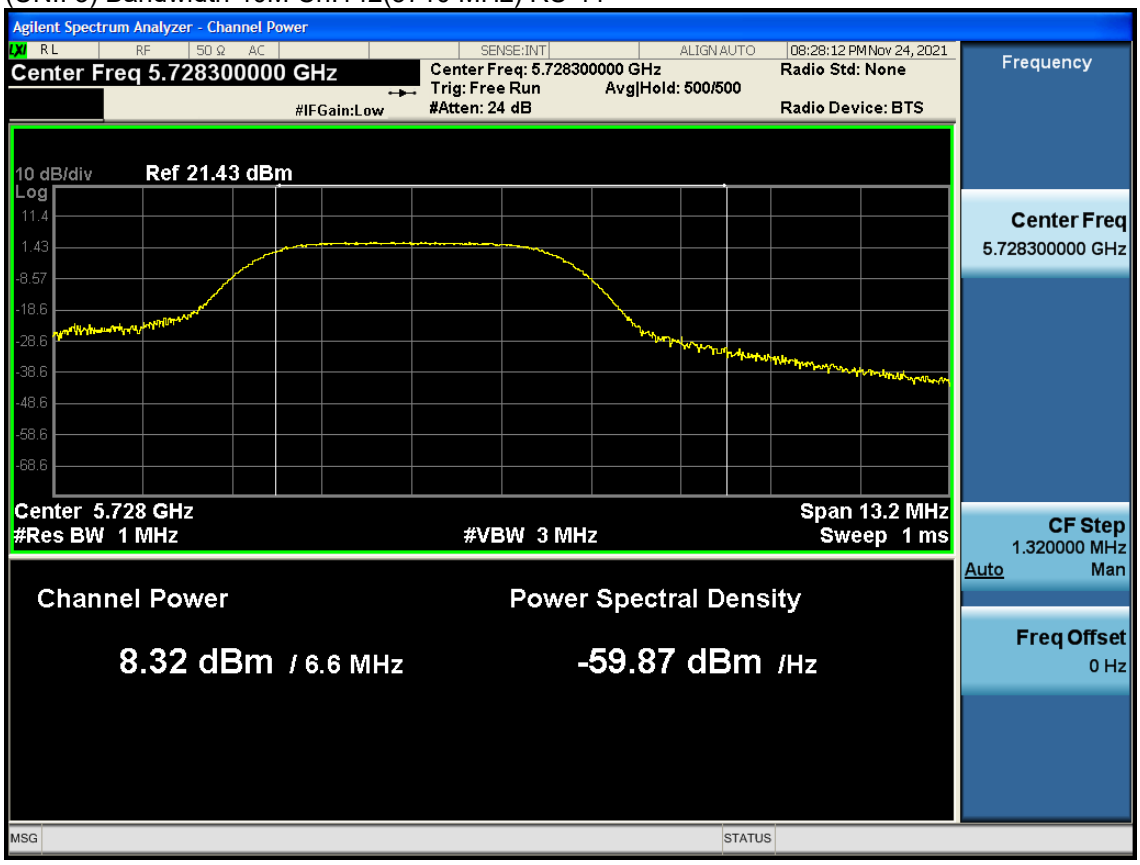
(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU



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)

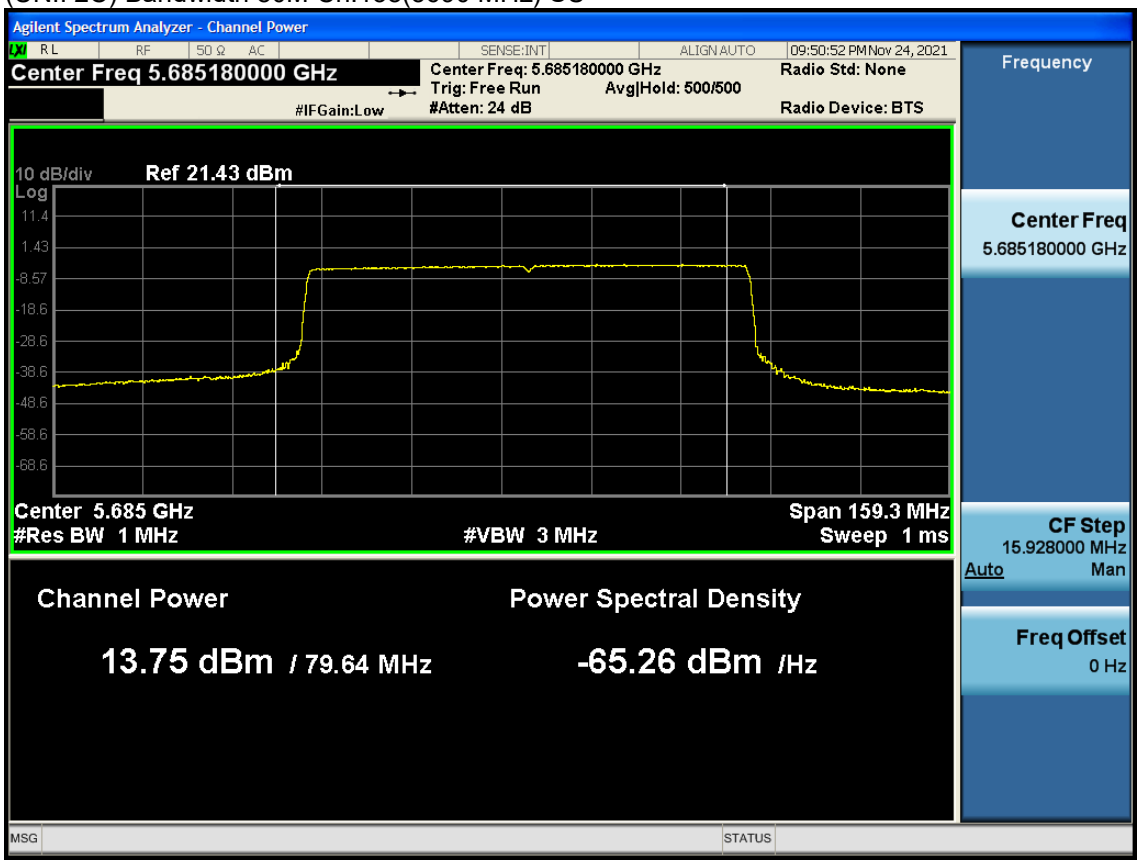
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) RU 44



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)

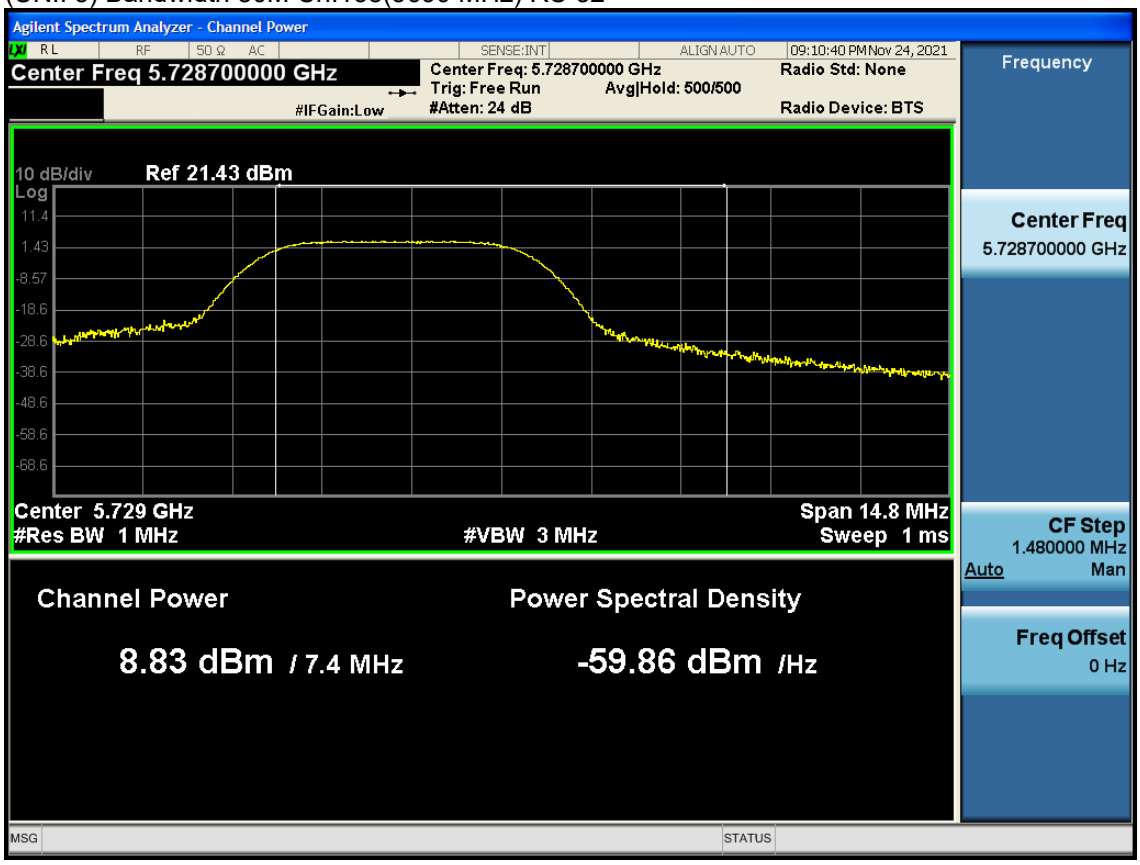
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU



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

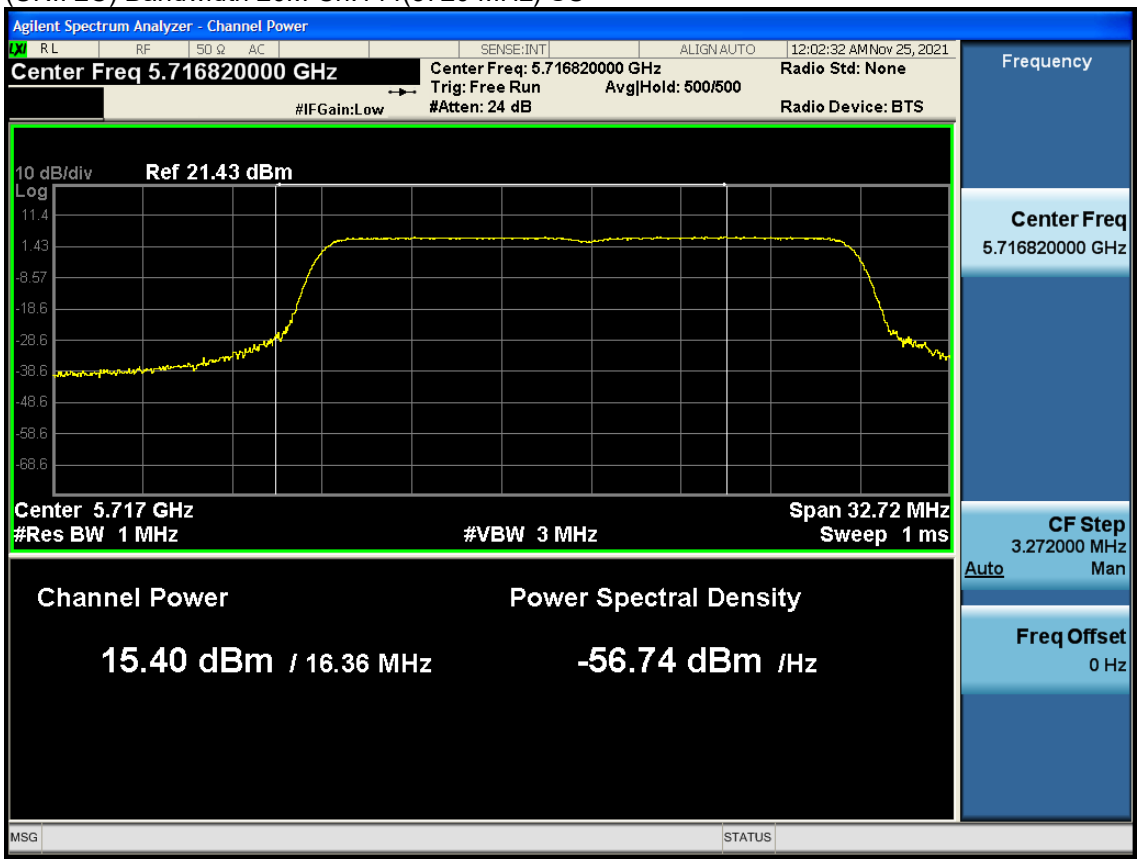


Measured Value (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)
8.83	0.030	8.86

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

5.3.2 MIMO Ant2

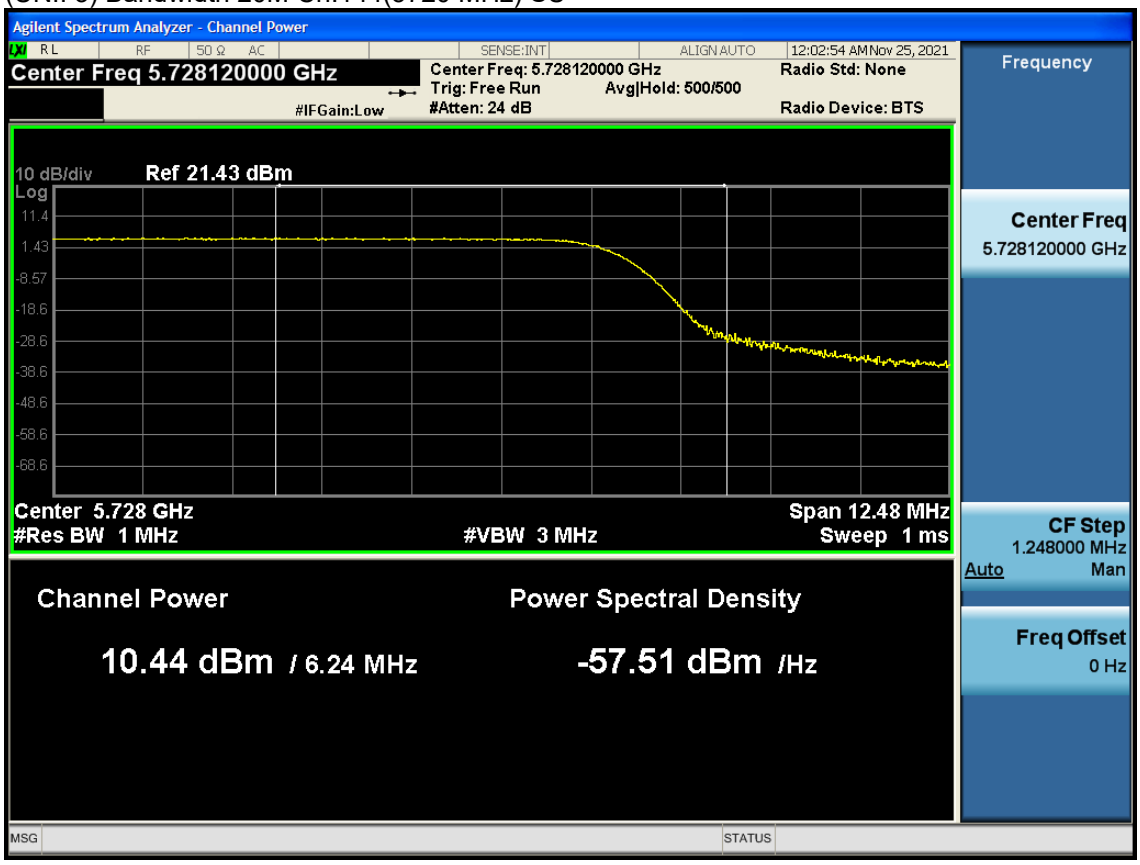
(UNII 2C) Bandwidth 20M Ch.144(5720 MHz) SU



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)

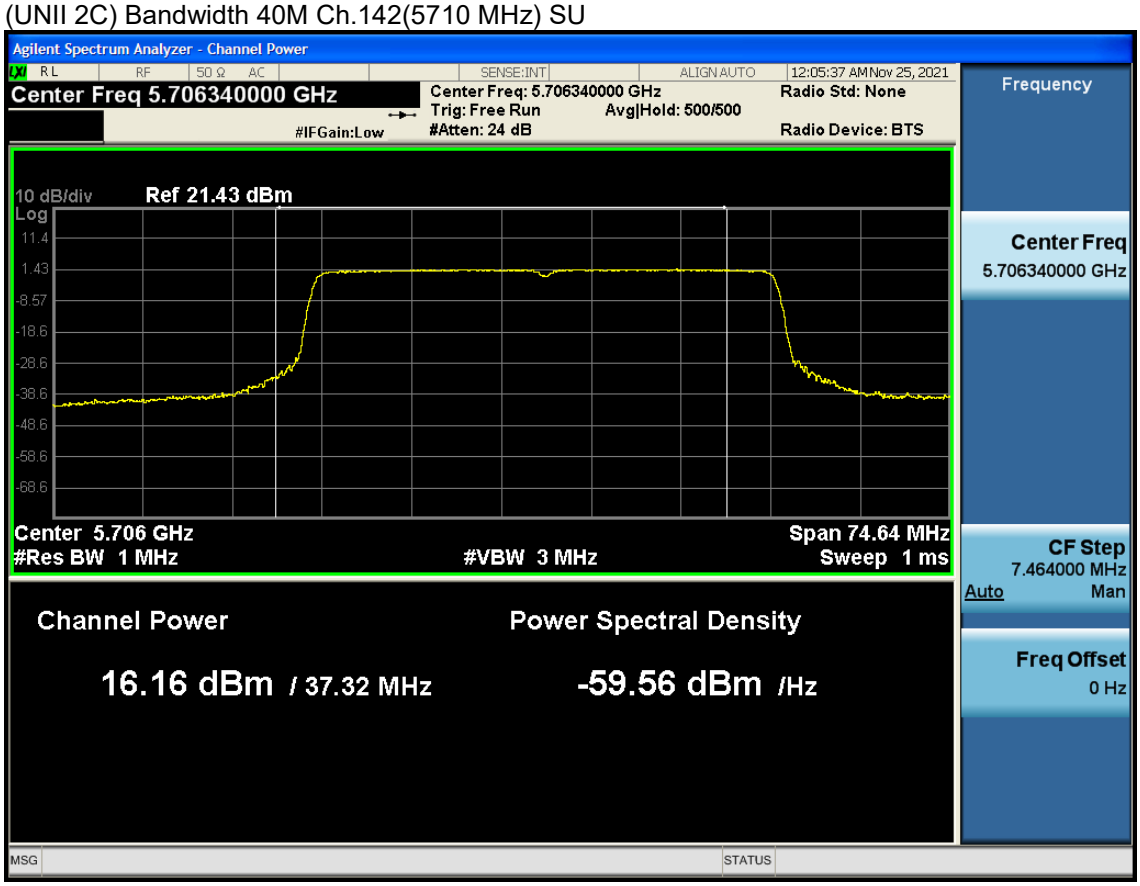
(UNII 3) Bandwidth 20M Ch.144(5720 MHz) SU



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)

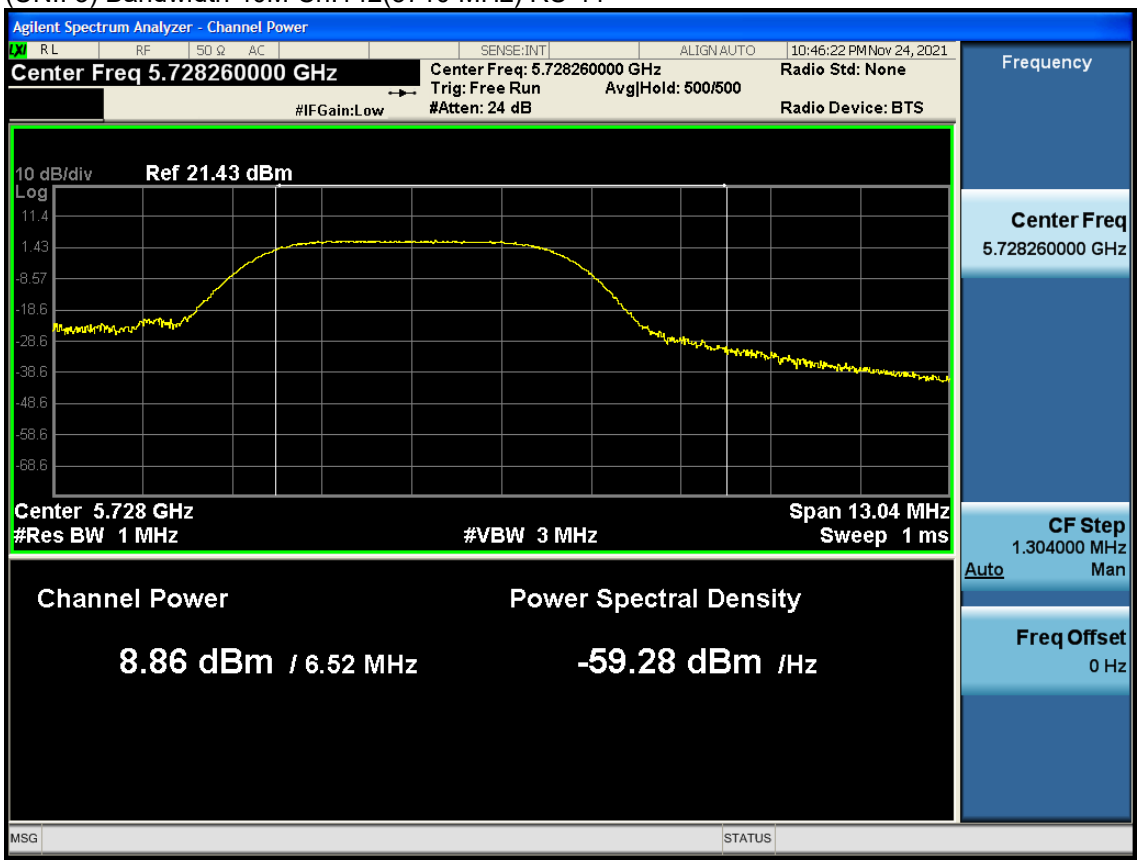
(UNII 2C) Bandwidth 40M Ch.142(5710 MHz) SU



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)

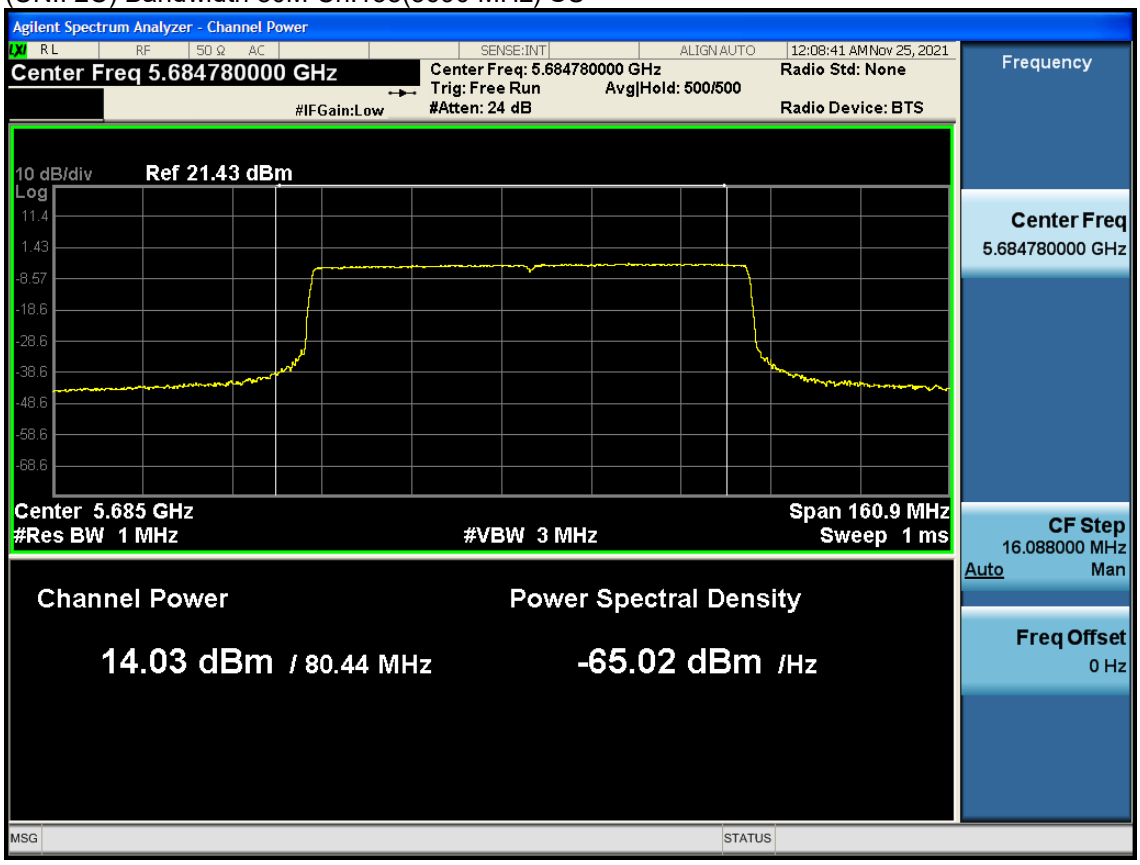
(UNII 3) Bandwidth 40M Ch.142(5710 MHz) RU 44



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)

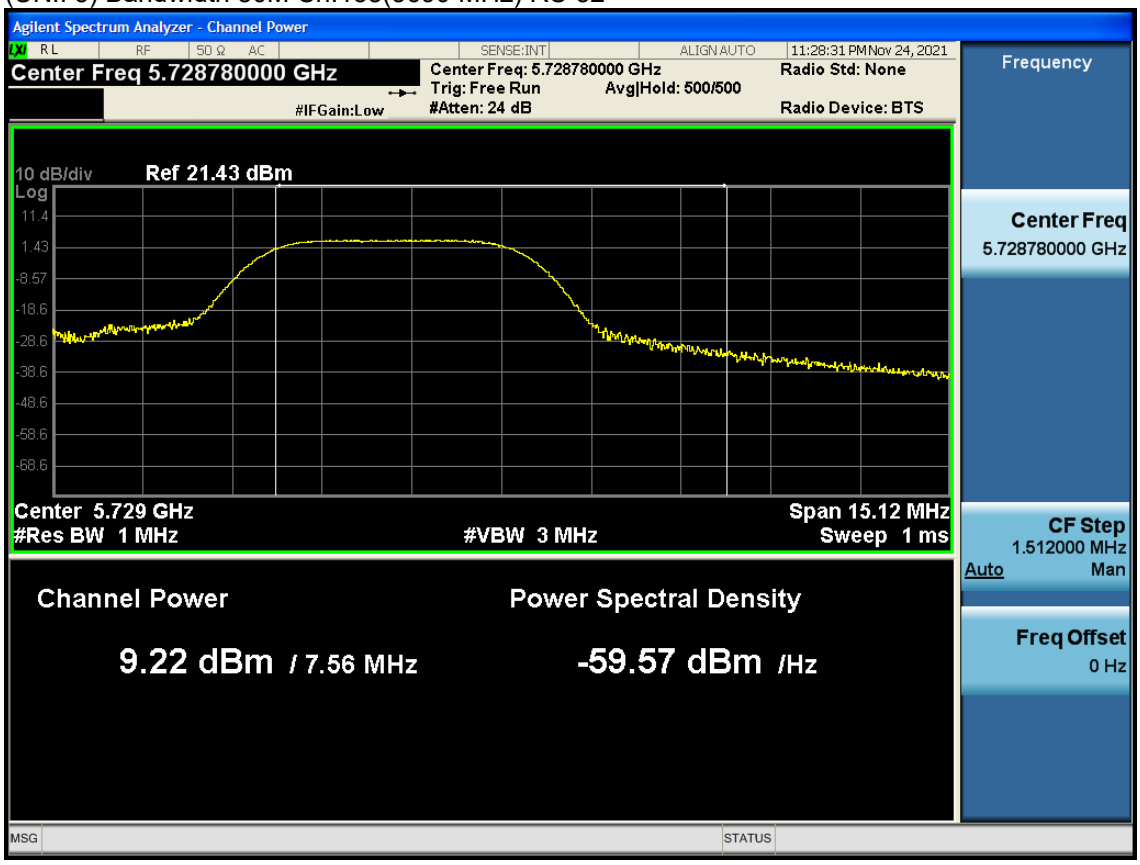
(UNII 2C) Bandwidth 80M Ch.138(5690 MHz) SU



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

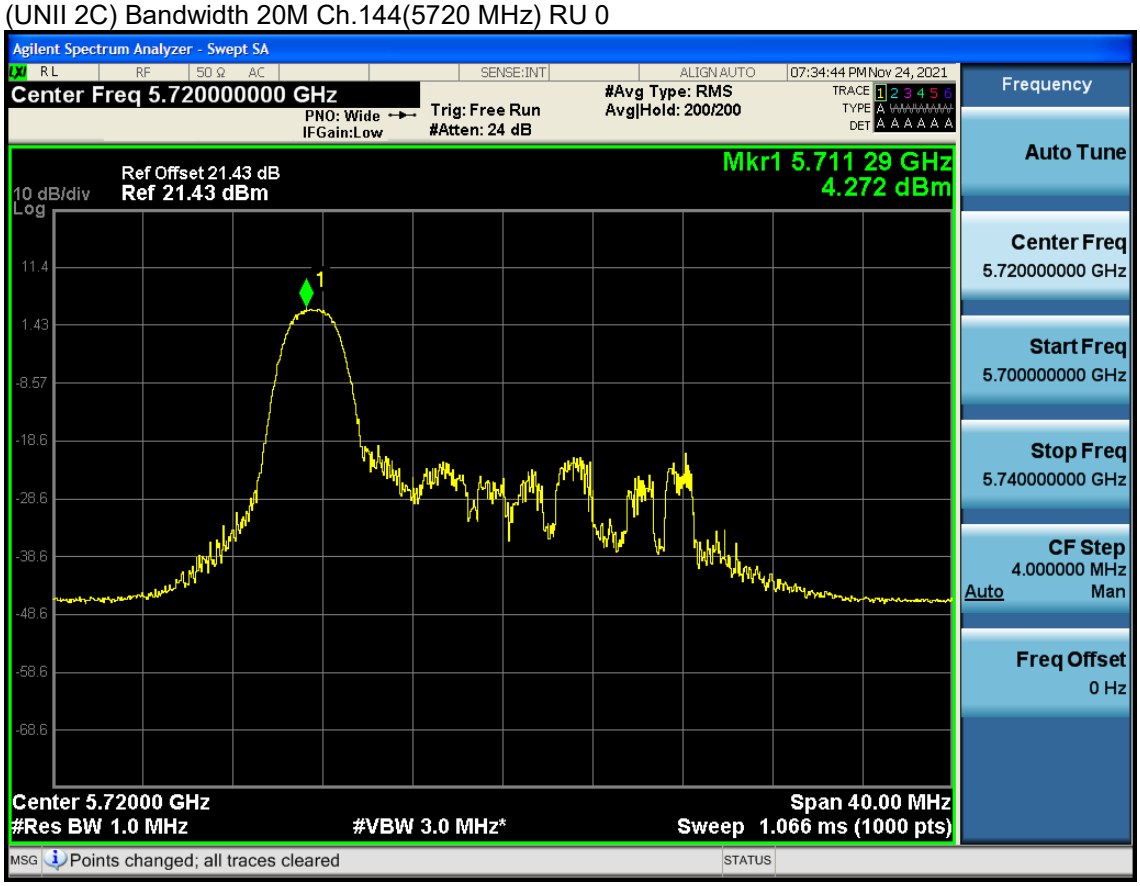
Note:
Total Power (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

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

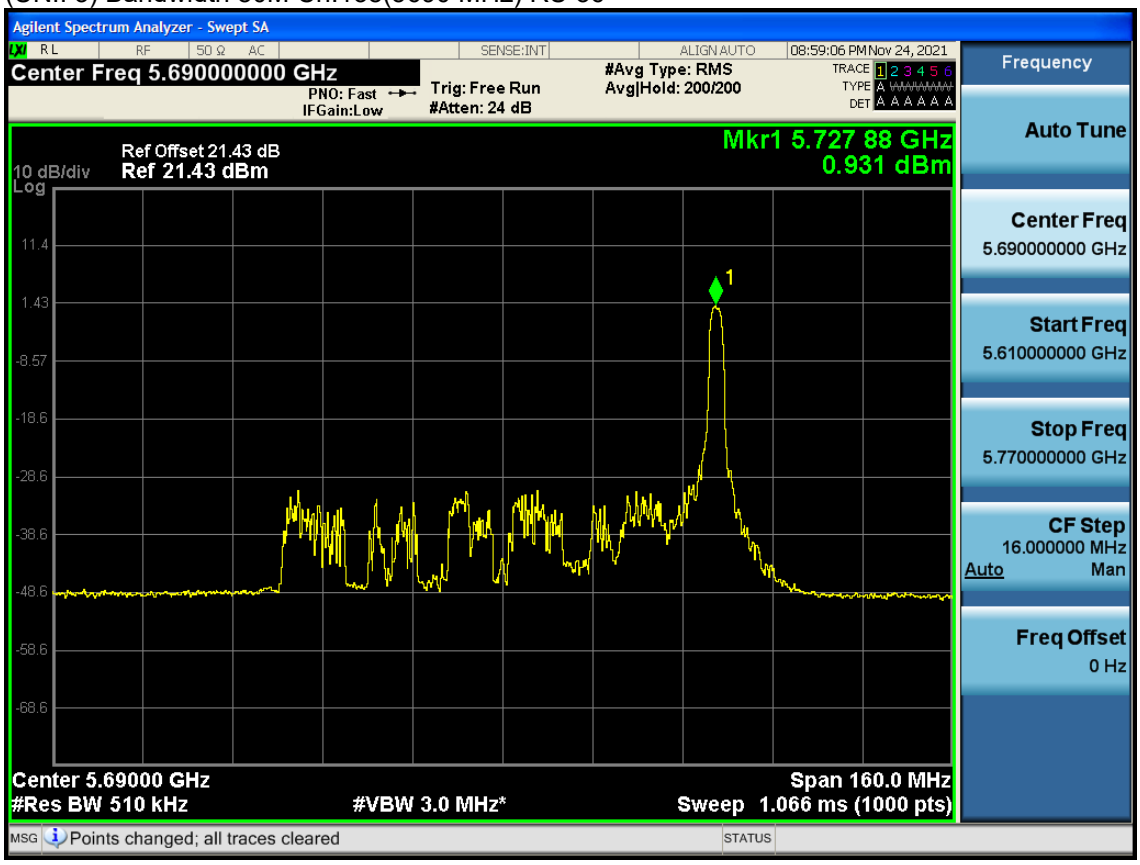
Note:
Total PSD (dBm) = Measured Value (dBm) + Duty Cycle Factor (dB)

(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)